



DEPARTMENT OF CONSUMER AFFAIRS

CALIFORNIA STATE ATHLETIC COMMISSION

December 2, 2010



STATE OF CALIFORNIA



DEPARTMENT OF CONSUMER AFFAIRS

California State Athletic Commission

2005 Evergreen St., Ste. #2010

Sacramento, CA 95815

www.dca.ca.gov/csac/

(916) 263-2195 FAX (916) 263-2197

Members of the Commission

Commissioner John Frierson, Chair
 Commissioner Christopher Giza, Vice-Chair
 Commissioner Van Lemons, M.D.
 Commissioner Steve Alexander
 Commissioner DeWayne Zinkin
 Commissioner Eugene Hernandez

Action may be taken on any item listed on
 the agenda except public comment.
 Agenda items may be taken out of order

MEETING AGENDA**Thursday, December 2, 2010**

9:30 A.M. to Close of Business

Location

2005 Evergreen St

Hearing Room

Sacramento, CA 95815

1. Call to Order/Roll Call/Pledge of Allegiance
2. Approval of Minutes
 - a. September 20, 2010
3. Chairman Remarks – Chairman Frierson
4. Executive Officer Report
 - a. Status of Office
 1. Sunset Review
 2. Strategic Plan
 - c. Personnel Update
 - d. Current Projects
 - e. Budget Update
5. DCA Director's Report
6. Public Comment on Items not on the Agenda - *Note: The Commission may not discuss or take action on any matter raised during this public comment section, except to decide whether to place the matter on the agenda of a future meeting. [Government Code Sections 11125, 11125.7(a)]*

Break

7. Applicants for Referee and Judge to Appear Before the Commission (Section 18662 of the Business and Profession Code) - Original Application
 - a. Mark Lawley – MMA – Judge/Referee
8. New Promoter Applications for Licensure – Executive Officer
 - a. Brett Roberts – Bamma USA
 - b. Arpine Esmailian - King of the West
 - c. Israel Montes – Battle of the Badges
9. License Reinstatement
 - a. Josh Barnett – Professional Fighter

10. Appeals of License Suspension
 - a. Chael Sonnen

Lunch

11. Subcommittee Report
 - a. Muay Thai Subcommittee Update – Chairman Frierson/Vice-Chairman Giza
12. USA Boxing – Northern California Report
13. Bout Appeal
 - a. Adam Rothweiler VS Nick Garcia
 - b. Ryan Roy vs. Joe Schilling
14. Neurological/Boxer Pension Fund Report To Legislation
15. Agenda Items and Meeting Dates for Future Meetings

Adjournment

NOTICE: The meeting is accessible to the physically disabled. A person who needs disability-related accommodation or modification in order to participate in the meeting may make a request by contacting George Dodd at (916) 263-2195 or email george_dodd@dca.ca.gov or sending a written request to George Dodd at the California State Athletic Commission, 2005 Evergreen Street, Suite 2010, Sacramento, CA 95815. Providing your request at least five (5) days before the meeting will help ensure availability of the requested accommodation. Requests for further information should be directed to George Dodd at the same address and telephone number.

Meetings of the California State Athletic Commission are open to the public except when specifically noticed otherwise in accordance with the Open Meetings Act. The audience will be given appropriate opportunities to comment on any issue presented.



DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 2

Approval of Minutes – 20 September 2010





California State Athletic Commission
 2000 Energycenter Blvd, Ste #2000
 Sacramento, CA 95815
 www.csa.ca.gov/csaac
 (916) 263-2187 FAX (916) 263-2187



CALIFORNIA STATE ATHLETIC COMMISSION MEETING MINUTES

Monday September 20, 2010

9:15 A.M. – 2:18 P.M.

Junipero Serra State Building | Carmel Room
 320 West Fourth Street
 Los Angeles, CA 90013

Commissioners Present:

Chairman John Frierson
 Commissioner Dr. Van Lemons
 Commissioner Eugene Hernandez

Vice-Chairman Dr. Christopher Giza
 Commissioner Steve Alexander

Commissioner(s) Not Present:

Commissioner DeWayne Zinkin

Staff Present:

George Dodd, Executive Officer
 Dale Chessey, Asst. Executive Officer
 Che Guevara, Assistant Chief Athletic Inspector

Karen Chappelle, Deputy Attorney General
 Gil DeLuna, Dept. Consumer Affairs (DCA)
 Spencer Walker, Legal Counsel

The minutes reflect the order in which the agenda items were heard.

AGENDA ITEM 1. CALL TO ORDER/ROLL CALL/PLEDGE OF ALLEGIANCE

The meeting was called to order at 9:15 A.M. Commissioners present and accounted for: Chairman Frierson, Vice-Chairman Giza, Commissioner Lemons, Commissioner Alexander, and Commissioner Hernandez. Commissioner(s), not present: Commissioner Zinkin.

AGENDA ITEM 2. APPROVAL OF MINUTES FOR JULY 26, 2010 AND AUGUST 18, 2010

Moved, seconded and carried to approve the minutes of the meetings held on July 26, 2010 and August 18, 2010, pending minor changes.

AGENDA ITEM 3. CHAIRMAN REMARKS

Chairman Frierson made no opening statements

AGENDA ITEM 4. EXECUTIVE OFFICER REPORT – GEORGE DODD

Status of the Office

Executive Officer Dodd opened the meeting by giving a yearly briefing (Calendar year January 2009 – December 2009). He explained that overtime for inspectors has been cut until a budget is in place, and that an exemption has been submitted.

Personnel Update

Executive Officer Dodd informed that, when the budget is passed, he intends to hire a Chief Athletic Inspector, and a part-time employee for the El Monte office in Southern California. Mr. Dodd introduced the new Assistant Executive Officer, Dale Chessey.

Status of Information Technology Projects

Executive Officer Dodd explained the new licensing database and stated that it is set to go live online in the beginning of 2011.

Budget Update

Executive Officer Dodd mentioned that, to date, a budget for fiscal year 2010-2011 was not in place. He also pointed out that, without a budget in place, travel expense claims will not be issued, however all contractors are still honoring standing contracts.

Physician/Officials Training

Executive Officer Dodd informed the commission that the officials/physicians training for both Northern and Southern California have been conducted.

Event Cancellations

Executive Officer Dodd stressed to the promoters, the impact that canceling on short notice has on the officials and office staff. He also pointed out that there will be future repercussions on any promoter that tends to have this type of pattern with regard to the scheduling of their events.

Executive Officer Dodd announced that the Muay Thai sub-committee meeting will be held on October 18, 2010 at the Van Nuys state building from 2:00 P.M to 5:00 P.M. He also recommended to the commissioners that another sub-committee be formed to evaluate the pension plan and look into the possibilities of including Mixed Martial Arts (MMA).

AGENDA ITEM 5. DCA DIRECTORS REPORT

Gil DeLuna, on behalf of the Department of Consumer Affairs' Director Brian Stiger, briefed the commission on the current standing of the hiring freeze within the state. He informed the Commission that the new online licensing database for the department, BreEZE, is on target for completion in February 2014.

AGENDA ITEM 6. PUBLIC COMMENT

Marty Denkin recommended to the commission that they implement Rule 279 for use with officials evaluations.

Andrew Madigan briefed the commission on a new organization called the World Series of Boxing.

Jeremiah Williamson requested the reinstatement of his license. Action cannot be taken on any item in the public comment section, therefore Mr. Williamson must work with EO Dodd to be placed on a future agenda.

AGENDA ITEM 7. APPLICANTS FOR REFEREE AND JUDGE TO APPEAR BEFORE THE COMMISSION
Bill Oseguera

Executive Officer Dodd gave his recommendation to deny Bill Oseguera's license at this time as a Boxing Judge, and suggests that he enroll into a mentorship program to gain experience in the professional rankings.

John Newburg

Executive Officer Dodd gave a verbal recommendation to approve John Newburg with a Professional Mixed Martial Arts Judge license. Moved, seconded and carried to approve Mr. Newburg's license.

AGENDA ITEM 8. NEW PROMOTER APPLICATIONS FOR LICENSURE

Lords of Combat

Moved, seconded and carried to approve a professional promoter's license to Anwar Elmahrek with Lords of Combat after a recommendation from Executive Officer Dodd.

The following promoter licenses have been denied pending appearance in front of commission: Brian Manna, Pongsan Vivo, Israel Montes – Battle of the Badges, and Tuff Promotions.

AGENDA ITEM 9. LICENSE REINSTATEMENT

Danny Batchelder – Drugs of Abuse

After a brief discussion, a motion was made, seconded and carried to deny Mr. Batchelder a professional athlete license.

AGENDA ITEM 10. LICENSE APPEAL

Rickey Funez – Seconds license

After testimonies from Inspector Mark Relyea, Event Supervisor Sid Segovia, and Boxing Judge Marty Denkin, as well as extensive discussion, there was a motion made, seconded and passed (4-1) to deny the appeal and increase the fine to the maximum amount of \$2,500. Mr. Funez will be eligible to reapply in January 2011.

AGENDA ITEM 11. SUBCOMMITTEE REPORTS

Muay Thai Subcommittee

Vice-Chairman Giza reiterated the Muay Thai sub-committee meeting and location as previously announced by Executive Officer Dodd.

[Lunch Break – 12:05 PM to 1:00 PM]

AGENDA ITEM 12. APPROVAL OF DRAFTED REGULATOR LANGUAGE

Moved, seconded and carried to commence the regulatory process pending minor changes to language.

AGENDA ITEM 13. PROPOSED LEGISLATION

Executive Officer Dodd briefed the Commission on the proposed legislation to authorize limiting the number of officials being licensed. Moved, seconded and carried to proceed with legislation.

AGENDA ITEM 14. SUNSET REVIEW

Assistant Executive Officer Dale Chessey presented the sunset review report, discussed some historic and current areas of interest and answered questions. Moved, seconded and carried to approve the sunset review document to be sent to the Legislature.

AGENDA ITEM 15. NEUROLOGICAL/BOXERS PENSION FUND REPORT TO LEGISLATION

Vice-Chairman Giza and commissioner Lemons requested to give recommendations on the language to be sent to legislation. Moved, seconded and carried to proceed with the legislation process.

AGENDA ITEM 16. STRATEGIC PLAN - UPDATE

After a brief discussion and minor changes, a motion was made, seconded and carried to approve the strategic plan pending minor changes.

AGENDA ITEM 17. FUTURE AGENDA ITEMS AND MEETING DATES FOR FUTURE MEETINGS

1. Marty Denkin requested Rule 368, 373, 371 and 379 to be placed on a future agenda for discussion.

2. Commissioner Lemons referenced an article on mortality rates of head injuries in professional boxing be included in the meeting package and requested it to be placed on a future agenda for further discussion, and the possibility of having two doctors present their research and article material with regard to head trauma and the sport of boxing.

3. Fair Political Practice ruling regarding tickets for Commissioners.

4. Badges for Commission members and representatives.

Future Dates

- Commission meeting in Sacramento on December 2, 2010 at 9:30 A.M.
- Commission meeting in Los Angeles on February 1, 2010 at 9:30 A.M.

AGENDA ITEM 19. ADJOURNMENT

The meeting was adjourned at 2:18 P.M. on September 20, 2010.



DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 3
Chairman Remarks





DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 4

Executive Officer's Report



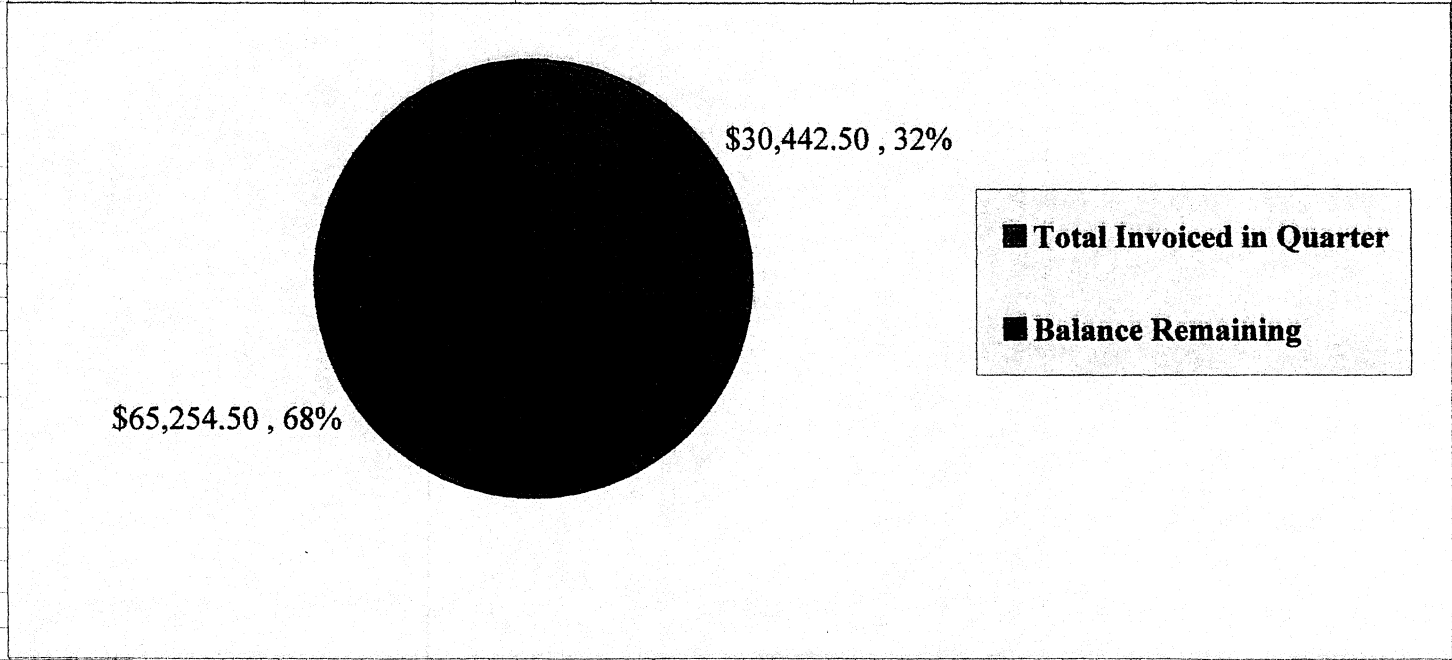
2010 Officials Assignments

			Judge	Referee	TK	Boxing	MMA	TV?
<u>Adair</u>	Gwen	Judge/Boxing	13	0		13	0	10
<u>Adkins</u>	George	Judge/MMA	8	0		2	6	0
<u>Adrian</u>	Kris	Judge-Ref/Kboxing-MMA	12	3		13	3	0
<u>Arriola</u>	Willie	Timekeeper				22	5	15
<u>Ayonayon</u>	Karina	Timekeeper				8	7	8
<u>Balewicz</u>	Ray	Judge-Ref/Boxing/KB/MMA	5	12		14	3	0
<u>Bayless</u>	Kermit	Judge/Boxing	7	0		7	0	5
<u>Belardo</u>	Abe	Judge/Boxing/MMA	18	0		6	12	4
<u>Beltran</u>	Mike	Judge-Ref/MMA	6	9		0	15	0
<u>Burton</u>	Terry	Timekeeper				6	4	5
<u>C.Caiz</u>	Carla	Judge/Boxing	7	0		7	0	1
<u>S.Caiz</u>	Sergio	Judge/Boxing	7	0		6	0	3
<u>Caiz , SR</u>	Raul	Judge-Ref/Boxing	3	10		13	0	10
<u>Caiz, JR</u>	Raul	Judge-Ref/Boxing	3	12		15	0	8
<u>Campbell</u>	Jack	Judge/Boxing	11	0		11	0	0
<u>Cantu</u>	Jerry	Judge-Ref/Boxing	4	11		15	0	10
<u>Cobian</u>	Jose	Judge-Ref-Boxing/MMA	10	9		15	4	7
<u>Cobian</u>	Luis	Judge-Ref-MMA	16	4		0	19	8
<u>Collantes</u>	Ed	Judge-Ref-TK/Boxing/KB	0	12	3	12	2	4
<u>Collins</u>	Dan	Judge-Ref-TK/Boxing	1	1	11	6	6	3
<u>Connolly</u>	Pat	Judge/Boxing	8	0		8	0	3
<u>Corona</u>	Ray	Judge-Ref/Boxing	8	12		19	1	9
<u>Crebs</u>	Tony	Judge-Ref/Boxing	7	9		16	0	7
<u>Davis</u>	Johnathan	Judge/Boxing	12	0		12	0	9
<u>Dean</u>	Herb	Judge-Ref/MMA	1	13		0	14	7
<u>Delgado</u>	Vince	Ref/Boxing	6	0		6	0	4
<u>Deluca</u>	Max	Judge/Boxing	14	0		14	0	10
<u>Denkin</u>	David	Judge-Ref/Boxing	8	7		15	0	6
<u>Denkin</u>	Marty	Judge/Boxing-MMA	24	0		19	4	9
<u>Denkin</u>	Jackie	Judge/Boxing-MMA	15	0		0	15	0
<u>Druxman</u>	Barry	Judge/Boxing-MMA	6	0		4	0	4
<u>English</u>	Steve	Judge-Ref/Boxing	10	0		4	6	4

<u>Feldman</u>	Glen	Judge/Boxing	1	0	1	0	1	
<u>Garcia</u>	Debbie	Timekeeper/Boxing-MMA			15	4	8	
<u>Gordon</u>	Stan	Timekeeper/Boxing-MMA			5	2	1	
<u>Griffin</u>	Lester	Judge/MMA	19	0	0	19	6	
<u>Hamilton</u>	Nelson	Judge-Ref/ALL	13	9	10	12	6	
<u>Hedgepeth</u>	Wayne	Judge-Ref/Boxing	1	12	13	0	11	
<u>Hernandez</u>	Eddie	Judge-Ref/Boxing	3	0	3	0	2	
<u>Herzog</u>	Jason	Judge-Ref/MMA	0	15	0	15	6	
<u>Jenkin</u>	James	Judge-Ref/Boxing-MMA	9	3	11	0	10	
<u>Landless</u>	Larry	Judge-Ref/MMA	8	10	0	18	6	
<u>Lebell</u>	Gene	Judge/MMA	14	0	0	14	5	
<u>Liechty</u>	John	Timekeeper/Boxing-MMA			15	7	12	
<u>McCarthy</u>	John	Judge-Ref/MMA	1	16	0	16	10	
<u>McCoy</u>	Jason	Judge-Ref/MMA-Boxing	1	14	0	15	2	
<u>McKnight</u>	Ralph	Judge/MMA-Boxing	16	0	5	12	4	
<u>Mendoza</u>	David	Judge-Ref/MMA-Boxing	16	8	17	7	8	
<u>Milsap</u>	Mike	Timekeeper			15	6	8	
<u>Montes</u>	Veronica	Timekeeper			9	6	7	
<u>Moret</u>	Lou	Judge-Ref/MMA-Boxing	7	8	15	0	11	
<u>Morrow</u>	Steve	Judge-Ref/MMA-Boxing	10	0	4	6	6	
<u>Newburg</u>	John	Judge						
<u>North</u>	Norman	Timekeeper			16	7	8	
<u>Peoples</u>	Cecil	Judge-Ref/Boxing-MMA	9	7	5	12	0	
<u>Peterson</u>	Fred	Timekeeper			9	8	6	
<u>Polanco</u>	Alfredo	Judge/Boxing	1	0	1	0	1	
<u>Rasmussen</u>	Bruce	Judge-TK/Boxing/MMA/KB	14		0	8	6	0
<u>Reiss</u>	Jack	Judge-Ref/Boxing/MMA	4	20	19	5	11	
<u>Rochin</u>	Alejandro	Judge/Boxing-MMA	17	0	16	1	2	
<u>Rosales</u>	Marcos	Judge-Ref/Boxing/KB/MMA	5	19	8	15	7	
<u>Rosenthal</u>	Josh	Ref-KB/MMA	0	11	1	10	5	
<u>Russell</u>	Patrick	Judge-Ref/Boxing	4	11	15	0	10	
<u>Sammon</u>	Marty	Judge-Boxing	5	1	6	0	4	
<u>Sandoval</u>	Danny	Judge-Ref/Boxing	3	0	3	0	1	
<u>Schorle</u>	Jon	Judge-Ref/Boxing/KB/MMA	5	9	8	6	7	
<u>Sriampai</u>	Dej	Judge-Ref/KB/MMA	2	14	16	0	0	

1st Quarter FY 10-11

Agency Code	Agency Name	DCA Budget	Budget Revisions	Total Budget Amount	Total Invoiced in Quarter	Balance Remaining	Average Quarter Monthly Invoiced
3501	State Athletic Comm	\$95,697.00	\$0.00	\$95,697.00	\$30,442.50	\$65,254.50	\$10,147.50
	SUBTOTAL	\$95,697.00	\$0.00	\$95,697.00	\$30,442.50	\$65,254.50	\$10,147.50





DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 5
DCA Director's Report





DEPARTMENT OF CONSUMER AFFAIRS

CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 6

Public Comment





DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 7

**Applicants For Referee and Judge to Appear
Before the Commission
Mark Lawley – MMA Referee/Judge**



STATE OF CALIFORNIA



DEPARTMENT OF CONSUMER AFFAIRS

California State Athletic Commission

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(916) 263-2195 FAX (916) 263-2197



Agenda Item 7
December 2, 2010

Applicants For Referee**Subject:**

Mark Lawley – MMA Referee/Judge

Summary: I have reviewed the documentation that Mr. Lawley has provided to be licensed as a professional referee/judge for MMA. Mr. Lawley has the necessary knowledge to referee/judge MMA. Under rule 543(a) and (f) Mr. Lawley has not demonstrated prior experience in refereeing/judging MMA matches. Mr. Lawley has provided documentation of refereeing 55 matches and judging 33 matches. He has performed in a series of training sessions as a referee/judge to successfully demonstrated proficiency in Mixed Martial Arts.

Rule 543(a) Have two years of documented experience refereeing martial arts or kickboxing matches with a minimum of 100 matches with a minimum of 100 matches referee. It is not necessary that this experience be obtained by refereeing professional contests.

Rule 543(f) Perform a demonstration of competence in judging by judging at least 50 martial arts of kickboxing contests as verified by a representative of the commission.

Recommendation: I recommend that Mr. Lawley license be denied at this time until Mr. Lawley meets the requirement under rule 543(a) and 543(f). Once those requirements have been met I would recommend that the commission approve his license as an MMA referee/judge. I would also recommend that he not have to appear before the commission for his license and allow the Executive Officer to verify the information once received.

George Dodd

From: CSAC
Sent: Wednesday, November 17, 2010 12:01 PM
To: George Dodd
Subject: FW: to George Dodd / event list from Mark Lawley

California State Athletic Commission
2005 Evergreen St. Suite #2010
Sacramento, CA 95815
P 916.263.2195
F 916.263.2197

From: Toni Lawley [markymarkx5@clearwire.net]
Sent: Tuesday, November 16, 2010 8:49 PM
To: CSAC
Subject: to George Dodd / event list from Mark Lawley

Tachi Palace Gladiator Challenge Lemoore Dec. 3 2009 reffed 1 match
Redhawk Casino Gladiator Challenge Placerville Dec. 12 2009 reffed 9 matches
Playboy Fight Night Visalia March 5 2010 reffed 6 matches
Strikeforce challengers Save Mart Center Fresno reffed 4 matches
V.F.C. Calway Park Fresno May 22 2010 reffed 4 matches / judged 4 matches
V.F.C.2 Fresno Fair Grounds Fresno July 24 2010 reffed 7 matches / judged 6 matches
Convicted Artists Reign Training Center Lake Forest Aug. 14 2010 reffed 6 matches /
judged 6 matches
Battle at the Ballpark Marysville Aug. 21 2010 reffed 1 match / judged 4 matches
Central Valley Regionals Chukchansi Park Fresno Sept. 18 2010 reffed 4 matches
Central Valley Regionals Tower District Fresno Oct. 10 2010 reffed 5 matches / judged 5
matches
V.F.C. 3 Kerman Oct. 17 2010 reffed 6 matches / judged 4 matches
Strikeforce Challengers Save Mart Center Fresno Oct. 22 2010 reffed 2 matches / judged
4 matches

I will be reffing at the Tulare Fair Grounds on Nov. 26 2010 The amount of matches is
unknown at this time.
I have shadowed Jason McCoy on many events thruout the year to help improve and learn as
much as possible.

I know I have not met the required 100 matches but I have been invoved in Mixed Martial
Arts for many years and feel my experience in M.M.A. carries over to my reffing ability. I
have fought in the cage, cornered, coached and judged outside the cage. I ran a cage
fight team for 7 years and understand the sport well. I have been thru Big Johns
C.O.M.M.A.N.D. course for reffing and passed the course on the first attempt. The best way
I can improve my reffing skills is to get in the cage and ref. CAMO is great but they
dont have enough events in my area to really keep me busy like I need to improve. Getting
my license would give me more chances to work as a ref, improve my reffing skills and I
hope to help improve the quality of M.M.A.

I am prior military and have been working as a Police Officer for the state of California for the last ten years. I have been involved in Mixed Martial Arts since 1982. I have trained in Boxing, Kickboxing, Shootboxing, Karate, Judo, Jui-Jitsu, Kali and Jeet Kune Do.

I am a 4th degree black belt in Japanese Goju-Ryu Karate.

I am a certified weaponless defense instructor per P.O.S.T. (Peace Officers Standards and Training).

I am a level 1 certified Army Combatives instructor.

I am a certified M.M.A. referee through Big John McCarthy and C.O.M.M.A.N.D.

I am a Mixed Martial Arts Referee and Judge for C.A.M.O.

I ran a Mixed Martial Arts school and fight team from 2002 to 2009 with a team record of 49 wins and 13 losses. I have coached, cornered and fought in the cage myself with success.

With my experience in Mixed Martial Arts and my strong work ethic I think I would make a valuable pro referee. I would continuously strive to improve my skills as a referee and improve Mixed Martial Arts as a whole.

Thank you,

Mark Lawley

A handwritten signature in black ink that reads "Mark Lawley". The signature is written in a cursive, flowing style.



THIS IS TO CERTIFY THAT

Mark Lawley

HAS SUCCESSFULLY MET THE REQUIREMENTS
FOR THE **COMMAND** PROGRAM
AND IS NOW CERTIFIED AS A MIXED MARTIAL ARTS REFEREE

Valencia, CA

COURSE LOCATION

October 27, 2009

DATE

JOHN MCCARTHY - HEAD INSTRUCTOR

**Sacramento Regional
Public Safety Training Center
Certificate of Completion**

Mark A. Lawley

has satisfactorily completed a course in

Weaponless Defense Instructor

POST Certification #2970-21635-09001

STC Certification #0218-008086

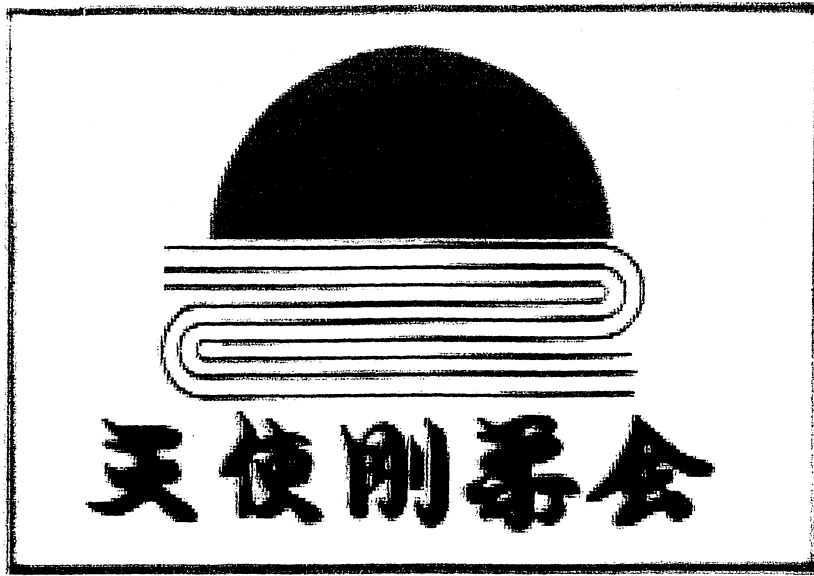
consisting of 80 hours of instruction
dated this 25th day of September, 2009

Leo Green

Leo Green

Training Program Coordinator

American River College / Los Rios Community College District



道 手 空 流 柔 剛

I, THE TEACHER, CERTIFY THAT:

Mr. [Signature]

HAS ACHIEVED THE LEVEL OF:

[Signature]

in the hard and soft Karate style of the Tenshi Goju Kai

on this 25 day of June 1968

It is expected that this person will continue to achieve and develop throughout his life in the way of Karate.

魂

[Signature]
 Lon Angel, Hanshi

Instructor



To Mr. George Dodd, Executive Officer of the California State Athletic Commission

Dear Mr. Dodd

This letter is to inform you of my association and dealings with Mr. Mark Lawley who is applying for a license as a referee for Mixed Martial Arts.

Approximately one year ago Mr. Lawley took and successfully passed my refereeing course in Valencia California. My course consists of three days of at least 12 hours classes that focus on the sport of MMA along with the techniques used by the fighters. The mechanics that a referee must use and adhere to for proper positioning, communication, foul administration and the safety of the fighters. At the end of the course the participants are given three separate tests, which they must pass with a score of 90% or better. Mr. Lawley passed my course and moved on to refereeing for the CAMO organization.

I have observed Mr. Lawley work as a referee for the CAMO organization, during the prelims of a Strikeforce Challengers show in Fresno California. During the show Mr. Lawley performed well and applied many of the techniques that would allow a referee in MMA to be successful.

I believe that Mr. Lawley has shown that he is ready to take on the position of a licensee for MMA in the state of California.

Sincerely,

John McCarthy

George Dodd

From: Marcos Rosales [REDACTED]
Sent: Friday, November 19, 2010 12:31 AM
To: George Dodd
Subject: Letter of Reference

Mr. Dodd,

I am sending this e-mail on behalf of Mr. Mark Lawley. Mr. Lawley has informed me of his interest in officiating for the CSAC. I have known Mr. Lawley for approximately one year, and worked with him at several CAMMO shows. During this time I have observed him to be very eager to learn and professional. He presents a positive attitude, and I think he would be an asset to the CSAC.

Respectfully Submitted,

Marcos Rosales



DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 8.a
New Promoter Applications For Licensure
Brett Roberts – Bamma USA





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Agenda Item 8.a
 December 2, 2010

New Promoter Application for Licensure

Promotion Name: Bamma USA

Owner: Brett Roberts

Items included for licensing:

1 Photo of each applicant - **Completed**

Personal Resume - **Completed**

Copy of Form BC11 8016 (Fingerprints) - **Completed**

Bond/Assignment of Saving – **Will Need Update**

Financial Statement of each applicant – **Completed**

Article of Incorporation/Minutes N/A

Summary:

The event was held 9/24/2010 at the Commerce Casino in Los Angeles, CA.

Box Office Report:

Gross Gate: \$14,825.00

Live Gate Tax: \$1,000

TV: \$0

Neuro: \$463.00

Purse: \$240.00

Capacity: 1,150. There were 352 tickets sold, with 420 given out as comp. Total in attendance was 772. The total of unsold tickets was 378.

Recommended: After review the documentation for licensure and the event supervisors report. I would recommend that the Bamma USA be given a permanent license after they updated the bond requirement to \$50,000 and provide all necessary documentation for renewal of her license. Original temporary license was issued on January 27, 2010.



DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 8.b
New Promoter Applications For Licensure
Arpine Esmailian – King of the West





California State Athletic Commission
 2005 Evergreen St., Ste. #2010
 Sacramento, CA 95815
www.dca.ca.gov/csac/
 (916) 263-2195 FAX (916) 263-2197



Agenda Item 8.b
 December 2, 2010

New Promoter Application for Licensure

Promotion Name: King of the West

Owner: Arpine Esmailian

Items included for licensing:

1 Photo of each applicant - **Completed**

Personal Resume - **Completed**

Copy of Form BC11 8016 (Fingerprints) - **Completed**

Bond/Assignment of Saving – **Will Need Update**

Financial Statement of each applicant – **Completed**

Article of Incorporation/Minutes N/A

Summary:

The event was held 5/6/2010 at the Circus Disco in Hollywood, CA.

Box Office Report:

Gross Gate: \$25,785

Live Gate Tax: \$1,283.30

TV: \$1,000.00

Neuro: \$255.00

Purse: \$890.00

Promoter: \$320.00

Capacity: 1,373. There were 425 tickets sold, with 0 given out as comp. Total in attendance was 425. The total of unsold tickets was 948.

Recommended: After review the documentation for licensure and the event supervisors report. I would recommend that the King of the West be given a permanent license after they updated the bond requirement to \$50,000 and provide all necessary documentation for renewal of her license. Original temporary license was issued on December 17, 2009.



DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 8.c
New Promoter Applications For Licensure
Israel Montes – Battle of the Badges





California State Athletic Commission
 2005 Evergreen St., Ste. #2010
 Sacramento, CA 95815
www.dca.ca.gov/csac/
 (916) 263-2195 FAX (916) 263-2197



Agenda Item 8.c
 December 2, 2010

New Promoter Application for Licensure

Promotion Name: Battle of the Badges

Owner: Isreal Montes

Items included for licensing:

1 Photo of each applicant - **Completed**

Personal Resume - **Completed**

Copy of Form BC11 8016 (Fingerprints) - **Completed**

Bond/Assignment of Saving – **Completed**

Financial Statement of each applicant – **Completed**

Article of Incorporation/Minutes N/A

Summary: The event was held on August 28, 2010 at the Sacramento Memorial Auditorium. All the necessary documentation was provided to the lead inspector prior to the event. The event supervisor report did not indicate any problems with the facility, security, or any problems working the promoter. Although the promoter was not happy with the official fees he did make all necessary payments as required.

The event lead also indicate the John Schorle volunteered his time for the cause and it was much appreciated.

Recommended: After review the documentation for licensure and the event supervisors report, I would recommend that the Isreal Montes be given a permanent license as an amateur promoter in the State of California.



DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 9
License Reinstatement
Josh Barnett – Professional MMA Fighter



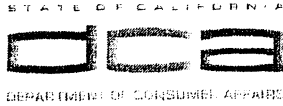


DEPARTMENT OF CONSUMER AFFAIRS

CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 10
Appeals of License Suspension
Chael Sonnen – Professional MMA Fighter





California State Athletic Commission
2005 Evergreen Street, Suite 2010, Sacramento, CA, 95825
P 916-263-2195 F 916-263-2197 www.dca.ca.gov/csac



September 16, 2010

Chael Sonnen

[REDACTED]
[REDACTED]

Notice of Suspension and Fine

Dear Mr. Sonnen:

The results of your steroid test taken on August 6, 2010 were received on September 2, 2010 and they were positive. Attached are the results from the Lab.

Title 4 California Code of Regulations, Section 303 states in part:

The administration or use of any drugs, alcohol or stimulants, or injections in any part of the body, either before or during a match, to or by any boxer is prohibited.

Based on the positive laboratory findings, your California license as a Mixed Martial Arts athlete is hereby suspended for 1 year, beginning on September 2, 2010 and you are fined \$2,500.

Per Business and Professions Code section 18842, you have a right to appeal this denial before the Athletic Commission. You must submit your appeal request, in writing, within 30 days of the date of this letter. Upon receipt of your request, your appeal will be included on the agenda for the next available commission meeting.

If you have any questions, please feel free to contact me at any time (916) 263-2195.

Respectfully,

George Dodd
Executive Officer
California Athletic Commission
2005 Evergreen St. Suite 2010
Sacramento, CA 95815
Office (916) 263-2195
Fax (916) 263-2197

UCLA OLYMPIC ANALYTICAL LABORATORY
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
 2122 GRANVILLE AVENUE LOS ANGELES, CA 90025 (310) 825-2635 FAX (310) 206-9077

LABORATORY/SAMPLE INFORMATION

8/6/10

Sample Collection Date

6:17 pm

Sample Collection Time

TEST CONDUCTED FOR THE CALIFORNIA STATE ATHLETIC COMMISSION
Anabolic Steroids and Masking Agents

2	4	8	7	9	9	6	
---	---	---	---	---	---	---	--

SAMPLE CODE NUMBER

Specific Gravity and PH levels within range?

YES ~~NO~~
 Specific Gravity: Greater than or equal to 1.005
 PH: Not less than 5.0 and not greater than 7.5

NOT TESTED

Hilton, Oakland CA
 Collection Site Name - City, State

MMA
 Sport

UFC 117
 Event Name

Frank Munoz
 Collector Name (Please print clearly)

[Signature]
 Collector Signature

Declaration of any recent blood transfusions, as well as any medications and other substances, including vitamins, minerals, herbs, and other dietary supplements taken during the preceding three (3) days (enter "NONE" if none declared and draw a line through any unused spaces) (attach additional information if necessary):

Name of Substance	Dosage	Date Last taken	Name of Substance	Dosage	Date Last taken
<u>Advil</u>	<u>6 pills</u>	<u>8/5/10</u>	<u>Iron</u>	<u>1 pill</u>	<u>8/5/10</u>
<u>Multivitamin</u>	<u>1 pill</u>	<u>8/5/10</u>	<u>Aspirin</u>	<u>1 pill</u>	<u>8/4/10</u>
<u>Vitamin C</u>	<u>1 pill</u>	<u>8/5/10</u>	<u>NONE</u>	<u>---</u>	<u>---</u>

Consent for research (optional): By checking "I Accept" and signing in the space provided, I agree that this sample may be used for anti-doping research purposes. When analyses is completed and this sample would otherwise be discarded, it may then be used by a WADA approved laboratory for anti-doping research of any type provided that it can no longer be identified as my sample.

 I Accept X Decline

COMPLETED BY DONOR:

I declare under penalty of perjury under the laws of the State of California that the foregoing information is true and correct; further realize that any intentional misrepresentation may result in disciplinary action against my license. I certify that I provided my specimen to the collector; that I have not adulterated it in any manner; each specimen bottle used was sealed with a tamper-evident seal in my presence; and that the information and numbers provided on this form and affixed to each specimen bottle are correct.

Souner
 Donor Name (Please print clearly)

[Signature]
 Donor Signature

8/6/10
 Date

6:17 pm
 Time

COMPLETED BY DONOR'S WITNESS:

I assisted the Donor in completing this form and declare under penalty of perjury under the laws of the State of California, that the foregoing information is true and correct; further I realize that any intentional misrepresentation may result in disciplinary action against my license.

Rudy Souner
 Witness Name (Please print clearly)

[Signature]
 Witness Signature

8/6/10
 Date

6:17 pm
 Time

UCLA OLYMPIC ANALYTICAL LABORATORY
 DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
 2122 GRANVILLE AVENUE LOS ANGELES, CA 90025 (310) 825-2635 FAX (310) 206-9077

LABORATORY/SAMPLE INFORMATION

8/6/10

Sample Collection Date

6:17pm

Sample Collection Time

TEST CONDUCTED FOR THE CALIFORNIA STATE ATHLETIC COMMISSION
 Anabolic Steroids and Masking Agents

2	4	8	7	9	9	6	
---	---	---	---	---	---	---	--

SAMPLE CODE NUMBER

Specific Gravity and PH levels within range? YES ~~NO~~ → NOT TESTED

Specific Gravity: Greater than or equal to 1.005
 PH: Not less than 5.0 and not greater than 7.5

HILTON OAKLAND CA

Collection Site Name - City, State

MMA

Sport

UFC 117

Event Name

Frank Muñoz

Collector Name (Please print clearly)

[Signature]

Collector Signature

Declaration of any recent blood transfusions, as well as any medications and other substances, including vitamins, minerals, herbs, and other dietary supplements taken during the preceding three (3) days (enter "NONE" if none declared and draw a line through any unused spaces) (attach additional information if necessary):

Name of Substance	Dosage	Date Last taken	Name of Substance	Dosage	Date Last taken
<u>TESTOSTERONE</u>	<u>1 shot</u>	<u>8/5/10</u>	<u>NONE</u>	<u>---</u>	<u>---</u>
<u>NONE</u>	<u>---</u>	<u>---</u>	<u>NONE</u>	<u>---</u>	<u>---</u>
<u>NONE</u>	<u>---</u>	<u>---</u>	<u>NONE</u>	<u>---</u>	<u>---</u>

Consent for research (optional): By checking "I Accept" and signing in the space provided, I agree that this sample may be used for anti-doping research purposes. When analysis is completed and this sample would otherwise be discarded, it may then be used by an WADA approved laboratory for anti-doping research of any type provided that it can no longer be identified as my sample.

I Accept I Decline

COMPLETED BY DONOR:

I declare under penalty of perjury under the laws of the State of California that the foregoing information is true and correct; further realize that any intentional misrepresentation may result in disciplinary action against my license. I certify that I provided my specimen to the collector; that I have not adulterated it in any manner; each specimen bottle used was sealed with a tamper-evident seal in my presence; and that the information and numbers provided on this form and affixed to each specimen bottle are correct.

Sanner

Donor Name (Please print clearly)

[Signature]

Donor Signature

8/6/10

Date

6:17pm

Time

COMPLETED BY DONOR'S WITNESS:

I assisted the Donor in completing this form and declare under penalty of perjury under the laws of the State of California, that the foregoing information is true and correct; further I realize that any intentional misrepresentation may result in disciplinary action against my license.

Witness Name (Please print clearly)

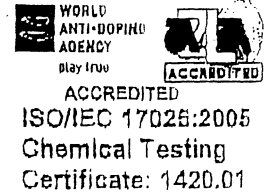
Witness Signature

Date

Time



UCLA Olympic Analytical Laboratory
UCLA School of Medicine
2122 Granville Ave. Los Angeles, CA 90025
Phone (310) 825-2635 Fax (310) 206-9077



CONFIDENTIAL
DRUG TESTING REPORT CSAC55

California State Athletic Commission
Attn: Sarah Waklee
2005 Evergreen Street, Ste. 2010
Sacramento, CA 95815
Fax: (916) 263-2197

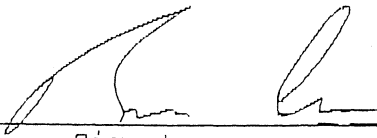
UCLA code: RKL
Sport: MMA
Number of samples: 8
Date of laboratory receipt: 08/10/10
Date of analysis: 08/13/10

The laboratory analyzed the urine specimens listed below using method 1001 anabolic and masking agents.

The specimen condition and custody (C) is acceptable if indicated by 'Y'.

UCLA Code Specimen# Results C

~~RKL09 2487996~~ Y SEE LETTER OF SEPTEMBER 02, 2010

Brian Ahrens		9/3/10
_____ Certifying Scientist	_____ Signature	_____ Date

This report shall not be reproduced, except in full, without the written approval of the laboratory.

37



UCLA Olympic Analytical Laboratory
UCLA School of Medicine
2122 Granville Ave. Los Angeles, CA 90025
Phone (310) 825-2635 Fax (310) 206-9077



CONFIDENTIAL
DRUG TESTING REPORT CSAC55(RKL09)

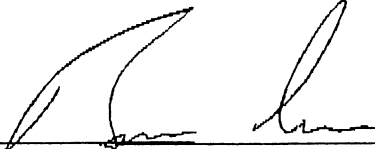
September 02, 2010

California State Athletic Commission
Attn: Sarah Waklee
2005 Evergreen Street, Ste. 2010
Sacramento, CA 95815
Fax: (916) 263-2197

Dear Ms. Waklee:

This is a supplemental report for ~~CSAC-2487996~~ = UCLA RKL09, MMA, collection date August 06, 2010 and date received August 10, 2010.

Urine specimen number CSAC 2487996 = UCLA RKL09 has T/E ratio of $16.9 \pm 17\%$ (k=2). The threshold T/E ratio is 4.0. We recommend carbon isotope ratio analysis and/or longitudinal follow-up.

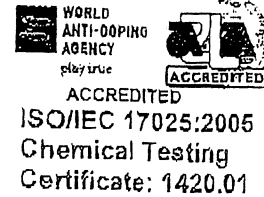
Brian Ahrens		9/3/10
_____ Certifying Scientist	_____ Signature	_____ Date

This report shall not be reproduced, except in full, without the written approval of the laboratory.

28



UCLA Olympic Analytical Laboratory
 UCLA School of Medicine
 2122 Granville Ave. Los Angeles, CA 90025
 Phone (310) 825-2635 Fax (310) 206-9077



CONFIDENTIAL
Carbon Isotope Ratio Report – CSAC55 (RKL09)

September 14, 2010

California State Athletic Commission
 Attn: Sarah Waklee
 2005 Evergreen Street, Ste. 2010
 Sacramento, CA 95815
 Fax: (916) 263-2197

Specimen number: ~~2487996~~
 UCLA Code: RKL09
 Sport: MMA
 Collection date: 08/06/10
 Date Received at Lab: 08/10/10
 Date of Analysis: 09/07/10
 Condition and custody of sample: Acceptable

Analysis: The urine sample was analyzed using method 8001, steroids by carbon isotope ratio by GC/IRMS.

Analytical Findings:

IRMS Laboratory Result:	Δ (Pdiol-Etio)	Δ (Pdiol-Andro)	Result*
	7.0 ± 0.9	5.9 ± 0.8	Adverse

* Where "Inconclusive" or "Negative" indicates results are consistent with endogenous origin and "Adverse" indicates results are consistent with administration of a steroid.

Unit of measurement for the two values is $\delta^{13}C$ [‰]. The value after the ± is the uncertainty of measurement (k=2).

Brian Ahrens
 Certifying Scientist

Signature

Date

39

LAW OFFICES OF HOWARD L. JACOBS

SEPTEMBER 29, 2010

VIA E-MAIL AND REGULAR MAIL

George Dodd
California State Athletic Commission
2005 Evergreen Street, Suite 2010
Sacramento, CA 95815

Re: CSAC v. Chael Sonnen, August 6, 2010 Drug Test, UFC 117

Dear Mr. Dodd:


Please be advised that I represent Chael Sonnen in the above-referenced matter. Please direct all future correspondence regarding this matter to me.

Chael Sonnen hereby requests an appeal hearing in the above-referenced matter. Mr. Sonnen requests that this matter be placed on the calendar at the CSAC's December 2, 2010 Commission meeting.



Should you have any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,



Howard L. Jacobs

cc: Chael Sonnen (via e-mail)

SEPTEMBER 29, 2010

VIA E-MAIL AND REGULAR MAIL

George Dodd
California State Athletic Commission
2005 Evergreen Street, Suite 2010
Sacramento, CA 95815

Re: CSAC v. Chael Sonnen, August 6, 2010 Drug Test, UFC 117

Dear Mr. Dodd:

I am in receipt of your September 16, 2010 letter to Mr. Sonnen, in which you advise of Mr. Sonnen's alleged positive test.

Please provide me with the following documents related to the "A" and "B" sample tests for the urine sample identified as specimen number CSAC 2487996 / UCLA RKL09:

1. List of laboratory staff involved in the test, including signatures and/or initials and position title(s);
2. Urine integrity test results (if completed);
3. Chain of custody documentation for sample container;
4. Transportation chain of custody (e.g., courier documentation, laboratory receipt of container);
5. "A" sample container chain(s) of custody;
6. "A" Sample Screening Results, including:
 - a. Relevant aliquot chain(s) of custody; and
 - b. Screening procedure data, including chromatograms (or other relevant data), for Negative control urine, Positive control urine (with concentration indicated, if relevant), and Sample urine aliquot(s);
7. "A" Sample Confirmation Results, including:



- a. Summary of the analytical principles of the confirmation method,
 - b. Aliquot chain of custody
 - c. Sequence verification data
 - d. Confirmation procedure data, including chromatograms (or other relevant data), for Negative control urine, Positive control urine (with concentration indicated, if relevant), Standard(s)/calibrator(s) (if relevant), and Sample urine aliquot(s); and
 - e. "A" sample report, including pH, Specific Gravity, and other urine integrity test results (if applicable, including abnormal appearance of sample) performed in laboratory.
8. "B" Sample Confirmation Results, including:
- a. Summary of the analytical principles of the confirmation method (if different from the "A" confirmation method),
 - b. Aliquot chain of custody
 - c. Sequence verification data
 - d. Confirmation procedure data, including chromatograms (or other relevant data), for Negative control urine, Positive control urine (with concentration indicated, if relevant), Standard(s)/calibrator(s) (if relevant), and Sample urine aliquot(s); and
 - e. "B" sample report, including pH, Specific Gravity, and other urine integrity test results (if applicable, including abnormal appearance of sample) performed in laboratory.

HV ✓

In addition, request is made for the following documents that are in the possession, custody or control of the California State Athletic Commission:

1. All documents that evidence, reference or relate to communications between the California State Athletic Commission (hereinafter "CSAC") and Chael Sonnen, or any of his representatives, agents, or managers, related to the license obtained by Mr. Sonnen from the CSAC to fight at the UFC 117 event.

2. All documents that evidence, reference or relate to communications between the CSAC and Chael Sonnen, or any of his representatives, agents, or managers, related to medications used by Chael Sonnen.

3. All telephone logs that evidence, reference or relate to communications between the CSAC and Chael Sonnen, or any of his representatives, agents, or managers, prior to August 6, 2010.

4. All documents that evidence, reference or relate to communications between the CSAC and the UFC, or any of its representatives, related to the license obtained by Mr. Sonnen from the CSAC to fight at the UFC 117 event.

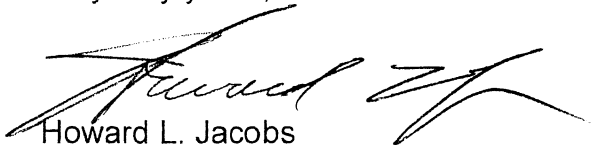
5. All documents that evidence, reference or relate to communications between the CSAC and the UFC, or any of its representatives, related to medications used by Chael Sonnen.

6. All documents that evidence, reference or relate to communications between the CSAC and Dr. Jeff Davidson related to the license obtained by Mr. Sonnen from the CSAC to fight at the UFC 117 event.

7. All documents that evidence, reference or relate to communications between the CSAC and the Dr. Jeff Davidson related to medications used by Chael Sonnen.

Should you have any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,


Howard L. Jacobs

cc: Chael Sonnen (via e-mail)

HV ✓

43

SEPTEMBER 30, 2010

VIA E-MAIL AND REGULAR MAIL

George Dodd
California State Athletic Commission
2005 Evergreen Street, Suite 2010
Sacramento, CA 95815

Re: CSAC v. Chael Sonnen, August 6, 2010 Drug Test, UFC 117

Dear Mr. Dodd:

As a supplemental request for documents, request is made for the following documents that are in the possession, custody or control of the California State Athletic Commission:

1. All documents that evidence, reference or relate to communications between the California State Athletic Commission (hereinafter "CSAC") and Chael Sonnen, or any of his representatives, agents, or managers, related to the license obtained by Mr. Sonnen from the CSAC to fight at the UFC 104 event.

2. All documents that evidence, reference or relate to communications between the CSAC and Chael Sonnen, or any of his representatives, agents, or managers, related to medications used by Chael Sonnen in or about 2009.

3. All telephone logs that evidence, reference or relate to communications between the CSAC and Chael Sonnen, or any of his representatives, agents, or managers, in or about 2009.

4. All documents that evidence, reference or relate to communications between the CSAC and the UFC, or any of its representatives, related to the license obtained by Mr. Sonnen from the CSAC to fight at the UFC 104 event.

5. All documents that evidence, reference or relate to communications between the CSAC and the UFC, or any of its representatives, related to medications used by Chael Sonnen in or about 2009.

2815 Townsgate Road, Suite 200
Westlake Village, California 91361
Tel. 805.418.9892 Tel. 818.292.8735

Cell. 818.422.0508
Fax. 805.418.9899

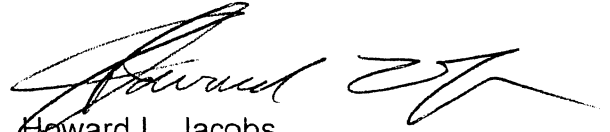
howard.jacobs@athleteslawyer.com
www.athleteslawyer.com

HV ✓

George Dodd
September 30, 2010
Page 2

Should you have any questions regarding this matter, please do not hesitate to contact me.

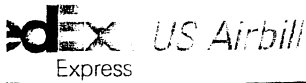
Very truly yours,



Howard L. Jacobs

cc: Chael Sonnen (via e-mail)





FedEx Tracking Number

8731 5762 0020

Please print and press hard.

9/16/10

Sender's FedEx Account Number

3451-3222-8

Receiver's name

CSAC

Phone (916) 263-2195

Company CALIFORNIA STATE ATHLETIC COM

Address 2005 EVERGREEN ST STE 2010

Dept./Floor/Suite/Room

SACRAMENTO

State CA

ZIP 95815-3897

Internal Billing Reference

4 characters will appear on invoice.

Recipient's name MICHAEL SOMMER

Phone ()

Company

Address (redacted)

Dept./Floor/Suite/Room

Address (redacted) This line for the HOLD location address or for continuation of your shipping address.

State (redacted) ZIP (redacted)

HOLD Weekday: FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday: FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

0426389202



4a Express Package Service

*To most locations

Packages up to 150 lbs.

FedEx Priority Overnight: Next business morning ** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Standard Overnight: Next business afternoon * Saturday Delivery NOT available.

FedEx First Overnight: Earliest next business morning delivery to select locations.*

FedEx 2Day: Second business day ** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Express Saver: Third business day ** Saturday Delivery NOT available.

4b Express Freight Service

** To most locations

Packages over 150 lbs.

FedEx 1Day Freight: Next business day ** Friday shipments will not be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 1Day Freight Booking No.

FedEx 2Day Freight: Second business day ** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 3Day Freight: Third business day ** Saturday Delivery NOT available.

5 Packaging

* Declared value limit \$500

FedEx Envelope*

FedEx Pak*: Includes FedEx Small Pak and FedEx Large Pak.

FedEx Box

FedEx Tube

Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery

NOT available for FedEx Standard Overnight, FedEx Express Saver, or FedEx 3Day Freight.

No Signature Required: Package may be left without obtaining a signature for delivery.

Direct Signature: Someone at recipient's address may sign for delivery. Fee applies.

Indirect Signature: If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked:

No

Yes: As per attached Shipper's Declaration.

Yes: Shipper's Declaration not required.

Dry Ice: Dry Ice, 9, UN 1845 _____ x _____ kg

Cargo Aircraft Only

7 Payment Bill to:

Sender: Sender's Acct. No. in Section 1 will be billed.

Enter FedEx Acct. No. or Credit Card No. below.

Recipient

Third Party

Credit Card

Cash/Check

Total Packages

Total Weight

Total Declared Value¹

¹Our liability is limited to \$100 unless you declare a higher value. See back for details. By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

605

41

**CALIFORNIA STATE ATHLETIC COMMISSION
EVENT INFORMATION**

<p>NAME OF EVENT: UFC 117</p> <p>DATE OF EVENT: August 7th, 2010</p> <p>LOCATION OF EVENT: Oracle Arena 7000 Coliseum Way Oakland, Ca</p> <p>FIRST BOUT: 4:20PM</p> <p>EVENT SUPERVISOR: Frank Munoz</p>	<p>DATE OF WEIGH IN: August 6th, 2010</p> <p>TIME OF WEIGH-IN: Fighter Report time: 2:00 Inspector Report time: 1:30</p> <p>LOCATION OF WEIGH-IN:</p> <p>WEIGH-IN INSPECTOR(S):</p>	<p>RULES MEETING DATE/TIME:</p> <p>INSPECTORS' REPORT TIME: 1:30</p> <p>OFFICIALS' REPORT TIME: 3:00</p> <p>DRUG TESTING:</p>
<p>Event Officials: R – Marcos Rosales R – Josh Rosenthal R – Herb Dean J – Nelson Hamilton J – Susan Thomas – Gitlan J – Dan Stell J – Jon Schorle J – Alejandro Rochine TK – Terry Burton TK – Valinda Stell</p>	<p>Event Physicians: W-IN PHYS.: Dr. Gary Furness W-IN PHYS.: EVENT PHYS: Dr. Gary Furness EVENT PHYS.: Dr. Smith Ketchum EVENT PHYS: Dr. Cesar Banda EVENT PHYS: Dr. Diego Allende</p>	<p>Event Inspectors: Frank Munoz Rich Novoa Joe De La Guevara David Pereda Gilbert Urbano Mike Guzman Kevin Highbaugh Tim Huff Brandon Saucedo Sarah Waklee Heather Jackson Nichole Bowles Che Guevara George Dodd Elizabeth Parkman Dale Chessey</p>

DOA

~~SECRET~~

5/3

WHO'S WHO

RNDS/ MINS	BOXER / MMA ATHLETE	STATUS	FED ID/EXP DATE	APP	FEE	PIC	PE	EYE EXAM	NEURO	MRI	MRI SUMM	EKG	GARDIO SUMM.	LAB
3 X 5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	PHIL DAVIS ✓ 6-0	NEED	OH 100-571 08/15/2013	NEED	NEED <i>price</i>	NEED	OK 1/7/10	OK 1/7/10	OK 7/28/10	OK 1/7/10	OK 7/30/10	OK 7/25/10	OK 7/25/10	OK 7/22/10
	RODNEY WALLACE ✓ 9-2	NEED	NC 101-661 09/30/2013	OK 7/15/10	NEED <i>price</i>	OK	OK 2/17/10	OK 11/17/9	OK 7/13/10	OK 11/9/9	OK 7/1/10	OK 2/16/10	OK 6/30/10	OK 7/8/10
3 X 5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	DENNIS HALLMAN ✓ 42-13-2	NEED	WA 103-031 11/29/2013	OK 7/7/10	NEED	OK	OK 7/16/10	OK 7/16/10	OK 7/19/10	OK	OK	OK	OK	OK 7/7/10
	BEN SAUNDERS ✓ 8-2-2	NEED	NC 103-388 12/11/2013	OK 7/7/10	NEED <i>price</i>	OK	OK 3/12/10	OK 3/5/10	OK 7/7/10	OK 5/16/07	OK 6/18/10	OK 3/12/10	OK 3/12/10	OK 7/8/10
3 X 5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	CHARLIE BRENNEMAN ✓ 12-1	NEED	NJ 101-051 09/03/2013	OK 7/13/10	NEED <i>price</i>	OK	OK 3/2/10	OK 3/4/10	OK 7/15/10	OK 3/5/10	OK 6/18/10	OK 7/13/10	OK 7/13/10	OK 7/14/10
	JOHNY HENDRICKS ✓ 8-0	NEED	NV 103-059 12/01/2013	OK 7/13/10	NEED <i>price</i>	OK	OK 7/6/10	OK 4/26/10	OK 7/1/10	OK 8/26/08	OK 6/18/10	OK 7/6/10	OK 7/7/10	OK 7/6/10
3 X 5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	CHRISTIAN MORECRAFT ✓ 6-0	NEED	NEED	OK 7/7/10	NEED <i>price</i>	NEED	OK 7/28/10	OK 7/19/10	OK 7/22/10	OK 8/2/10	OK 8/4/10	OK 7/14/10	OK 7/28/10	OK 7/19/10
	STEFAN STRUVE ✓ 19-4	NEED	NC 114-567 04/20/2015	OK 10/21/9	OK 10/24/9	OK	OK 10/20/9	OK 10/20/9	OK 10/20/9	OK 10/20/9	OK 10/21/9	OK 10/20/9	OK 10/20/9	OK 7/14/10
3X5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	RICKY STORY ✓ 10-3	NEED	WA 101-006 08/28/2013	OK 7/7/10	NEED <i>price</i>	OK	OK 12/23/9	OK 12/28/9	OK 7/16/10	OK 1/27/9	OK 7/1/10	OK 7/12/10	OK 7/25/10	OK 7/12/10
	DUSTIN HAZELETT ✓ 12-5	NEED	NV 102-662 11/13/2013	OK 7/21/10	NEED <i>price</i>	OK	OK 12/10/9	OK 12/14/9	OK 7/7/10	OK 9/29/6	OK 7/1/10	OK 7/7/10	OK 7/7/10	OK 7/7/10
3X5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	TIM BOETSCH ✓ 11-3	NEED	OH 105-206 03/06/2014	OK 7/13/10	NEED <i>price</i>	OK	OK 7/7/10	OK 7/20/10	OK 7/16/10	OK 1/30/8	OK 6/18/10	OK 7/7/10	OK 7/7/10	OK 7/8/10
	TODD BROWN ✓ 11-1	NEED	NEED	NEED	NEED <i>price</i>	NEED	OK 8/2/10	OK 8/2/10	OK 8/2/10	OK 8/2/10	OK 8/4/10	OK 8/2/10	OK 8/2/10	OK 7/28/10

RNDS/ MINS	BOXER / MMA ATHLETE	STATUS	FED ID/EXP DATE	APP	FEE	PIG	PE	EYE EXAM	NEURO	MRI	MRI SUMM	EKG	CARDIO SUMM.	LAB
3X5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	JUNIOR DOS SANTOS 11-1 ✓	NEED	ILAC 102-220 10/24/2013	OK 7/26/10	NEED raise	OK	OK 7/2/10	OK 7/2/10	OK 7/2/10	OK 12/29/9	OK 6/18/10	OK 7/2/10	OK 7/2/10	OK 7/2/10
	ROY NELSON 15-4 ✓	NEED	FL 106-885 04/25/2014	OK 7/10/10	NEED raise	OK	OK 2/22/10	OK 2/22/10	OK 7/12/10	OK 4/28/9	OK 6/18/10	OK 7/12/10	OK 7/12/10	OK 7/12/10
3X5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	THIAGO ALVES 16-6 ✓	NEED	ILAC 102-211 10/24/2013	OK 6/15/10	NEED raise	OK	OK 2/15/10	OK 2/15/10	OK 6/15/10	OK 6/9/10	OK 3/18/10	OK 5/17/10	OK 5/17/10	OK 7/15/10
	JOH FITCH 22-3 ✓	NEED	NV104-296 01/30/2014	OK 7/29/10	NEED raise	OK	OK 12/3/9	OK 12/8/9	OK 7/8/10	OK 2/18/10	OK 6/18/10	OK	OK	OK 7/14/10
3X5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	RAFAEL DOS ANJOS 14-4 ✓	NEED	NV 102-653 11/13/2013	OK 7/28/10	NEED raise	OK	OK 8/2/10	OK 8/2/10	OK 8/2/10	OK 11/12/8	OK 6/21/10	OK 8/2/10	OK 8/2/10	OK 8/2/10
	CLAY GUIDA 26-11 ✓	NEED	NEAC101-466 09/22/2013	OK 7/22/10	NEED raise	OK	OK 2/24/10	OK 2/22/10	OK 7/12/10	OK 10/5/6	OK 6/18/10	OK 7/6/10	OK 7/6/10	OK 7/14/10
3X5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	RICARDO ALMEIDA 12-3 ✓	NEED	NJ101-613 09/29/2013	OK 7/16/10	NEED raise	OK	OK 2/17/10	OK 2/17/10	OK 7/16/10	OK 10/4/7	OK 6/18/10	OK 2/17/10	OK 6/30/10	OK 7/15/10
	MATT HUGHES 44-7 ✓	NEED	NJ107-315 05/06/2014	NEED	NEED raise	OK	OK 3/17/10	OK 3/17/10	OK 7/22/10	OK 10/20/3	OK 7/1/10	OK 4/30/9	OK 6/30/10	OK 7/14/10
3X5 BOUT APPROVED Y <input type="checkbox"/> N <input type="checkbox"/>	CHAE SONNEN 24-10-1 ✓	CLEAR	OSAC103-357 12/10/2013	OK 6/29/10	OK 10/24/9	OK	OK 1/13/10	OK 1/25/10	OK 10/9/9	OK 9/21/04	OK 10/5/9	OK 10/1/9	OK 10/1/9	OK 6/28/10
	ANDERSON SILVA 26-4 ✓	NEED	ILAC102-221 10/24/2013	OK 7/12/10	NEED raise	OK	OK 7/12/10	OK 7/12/10	OK 7/12/10	OK 5/18/07	OK 6/18/10	OK	OK	OK 7/12/10
5X5 A.H.	THIAGO TAVARES 14-3-1 ✓	NEED	NV 104-302 01/30/2014	OK 7/28/10	NEED raise	OK	OK 7/13/10	OK 7/15/10	OK 7/14/10	OK	OK	OK	OK 7/22/10	OK 7/12/10

NOTES:

- 1.
- 2.

WWW.ABC.MIXEDMARTIALARTS.COM SUSPENSIONS

40

BOUT NO.	RED CORNER	BLUE CORNER	ROUNDS/MINUTES	REFEREE	JUDGE	JUDGE	JUDGE	INSPECTOR RED	INSPECTOR BLUE
1	Ben Saunders	Dennis Hallman	3 X 5	Rosales	Hamilton	Rochin	Susan	Sarah Waklee	Tim Huff
2	Stefan Struve	Christian Morecraft	3 X 5	Dean	Stell	Susan	Rochin	Kevin Highbaugh	Joe De La Guevara
3	Tim Boetsch	Todd Brown	3 X 5	Rosales	Nelson	Stell	Schorle	Dave Pereda	Gil Urbano
4	Johny Hendricks	Charlie Brenneman	3 X 5	Rosenthal	Stell	Schorle	Rochin	Brandon Saucedo	Mike Guzman
5	Phil Davis	Rodney Wallace	3 X 5	Dean	Schorle	Rochin	Susan	Sarah Waklee	Tim Huff
6	Dustin Hazelett	Rick Story	3 X 5	Rosenthal	Nelson	Susan	Stell	Kevin Highbaugh	Joe De La Guevara
7	Roy Nelson	Junior Dos Santos	3 X 5	Rosales	Schorle	Stell	Rochin	Brandon Saucedo	Mike Guzman
8	Matt Hughes	Ricardo Almeida	3 X 5	Rosenthal	Nelson	Rochin	Susan	Sarah Waklee	Tim Huff
9	Glay Guida	Rafael Dos Anjos	3 X 5	Dean	Susan	Stell	Schorle	Brandon Saucedo	Joe De La Guevara
10	Jon Fitch	Thiago Alves	3 X 5	Dean	Susan	Rochin	Nelson	Kevin Highbaugh	Mike Guzman
11	Anderson Silva	Chael Sonnen	5 X 5	Rosenthal	Nelson	Schorle	Stell	Dave Pereda	Gil Urbano

Red Corner Sup: Sarah
Blue Corner Sup: Tim Huff
Pay Out: Nichole / Heather

California State Athletic Commission
2005 Evergreen St
Suite 2010
Sacramento, CA 95834

facsimile transmittal

To: **Karen Chappell** Fax: **213-897-2804**
From: **George Dodd** Date: **10/5/2010**
Re: **Chael Sonnen Documents** Pages: **23**
Cc: **[Name]**

Urgent For review Please comment Please reply Please recycle

Notes: Karen if you need anything else please let me know.

George

confidential

STATE OF CALIFORNIA—STATE AND CONSUMER SERVICES AGENCY

ARNOLD SCHWARZENEGGER, Governor



California State Athletic Commission
2005 Evergreen Street, Suite 2010
Sacramento, CA 95816
www.dca.ca.gov/csac/
(916) 263-2195 FAX (916) 263-2197



APPLICATION FOR PROFESSIONAL ATHLETE

BOXING MIXED MARTIAL ARTS KICKBOXING
You must submit all the items listed below before your application is processed.
Your application will be considered "Pending" if any information is not completed.

<p>\$60 Application Fee. One (1) passport sized photograph (2"x 2"). Neurological Examination Report (by licensed physician specializing in neurology and/or neurosurgery). Physical Examination Report by licensed physician. Ophthalmologic Examination by licensed Ophthalmologist. Negative HIV, HCV Antibody (Hepatitis C), and HBV Surface Antigen (Hepatitis B) test results must be submitted on the letterhead of a CLEA certified laboratory in the United States. EKG Examination* EKG Summary Report* MRI Diagnostic Report* MRI Summary Report*</p> <p>*Baseline examinations. Only when ordered.</p>	<p style="text-align: center;">OFFICE USE ONLY</p> <p>Date of Application: _____</p> <p>Date License Approved: _____</p> <p>License # and Exp. Date: _____</p> <p>Federal ID # and Exp. Date (Boxers only): _____</p> <p>Amount Rec'd: _____ Method of Payment: _____</p> <p>Receipt #: _____ Receipt given by: _____</p> <p>P/E Exp. Date: _____ HIV Exp. Date: _____</p> <p>HBV Exp. Date: _____ HCV Exp. Date: _____</p> <p>Ophthalmologic Exp. Date: _____</p> <p>Neuro Exp. Date: _____</p> <p>EKG Exp. Date: _____</p> <p>MRI Diagnostic Report Date: _____</p>
--	--

Section 1. Please print the following information:

Last Somen First Chael Middle P			Social Security Number: [REDACTED]	
Address: [REDACTED]				
Street (No PO BOX)	City	State	Zip Code	Country
Telephone number: [REDACTED]				
Age: [REDACTED]	Sex: <input checked="" type="radio"/> Male <input type="radio"/> Female (circle one)	Birth Date: (MM / DD / YYYY): [REDACTED]	Height: 6 Ft. 1 In.	Weight: 1200 pounds

Section 2. Please print the following information:

Have you ever used any other name(s)? YES NO yes, list name(s): _____

Have you ever been disqualified in any competition? YES NO yes, please explain: _____

Has your license ever been denied, suspended or revoked in any state or country for medical reasons (OTHER THAN HIV, HBV, OR HCV)? YES NO yes, please explain: _____

APPLICATION FOR PROFESSIONAL ATHLETE

APPLICANT NAME: Chael Sonnen

<p>Section 3. Please print the following information:</p> <p>Professional boxing record: Wins: _____ Wins by KO/TKO: _____ Losses: _____ Losses by KO/TKO: _____</p> <p>Amateur boxing record: Wins: _____ Wins by KO/TKO: _____ Losses: _____ Losses by KO/TKO: _____</p>	<p>Section 4. Please print the following information:</p> <p>Professional martial arts record: Kickboxing _____ <u>Mixed Martial Arts</u> _____ Wins: <u>26</u> Wins by KO/TKO/Submissions: <u>6</u> Losses: <u>10</u> Losses by KO/TKO/Submissions: <u>9</u></p> <p>Amateur martial arts record: Kickboxing _____ Mixed Martial Arts _____ Wins: _____ Wins by KO/TKO/Submissions: _____ Losses: _____ Losses by KO/TKO/Submissions: _____</p>																																																						
<p>Section 5. Please print the following information:</p> <p>If you are now or have ever been licensed by the California State Athletic Commission, another athletic commission, or any similar governmental authority, provide the following information for each license, listing the most recent first:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">TYPE OF LICENSE</th> <th style="width:25%;">LICENSE YEAR</th> <th style="width:50%;">STATE/OTHER COMMISSION/GOVERNMENTAL AUTHORITY</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align:center; padding: 5px;"><u>Athlete/Carnot 2000-2010 CA, NV.</u></td> </tr> </tbody> </table> <p>Has your license ever been suspended, revoked or fined by the California State Athletic Commission, another athletic commission or any similar governmental authority? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES, provide the following information:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">TYPE OF LICENSE</th> <th style="width:20%;">ACTION TAKEN</th> <th style="width:30%;">REASON FOR ACTION</th> <th style="width:20%;">DATE OF ACTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>Are there charges pending against you by the California State Athletic Commission, another athletic commission or any similar governmental authority? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES, provide the following information:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">OFFENSE</th> <th style="width:25%;">DATE OF OFFENSE</th> <th style="width:25%;">GOVERNMENTAL AUTHORITY</th> <th style="width:25%;">HEARING DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>Have you been convicted of a crime in the past 10 years? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES, provide the following information:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">OFFENSE</th> <th style="width:25%;">DATE OF CONVICTION</th> <th style="width:25%;">CITY, STATE, COUNTRY</th> <th style="width:25%;">SENTENCE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>Are there any charges pending against you by any law enforcement agency? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES, provide the following information:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">OFFENSE</th> <th style="width:25%;">DATE OF OFFENSE</th> <th style="width:25%;">CITY, STATE, COUNTRY</th> <th style="width:25%;">HEARING OR TRIAL DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		TYPE OF LICENSE	LICENSE YEAR	STATE/OTHER COMMISSION/GOVERNMENTAL AUTHORITY	<u>Athlete/Carnot 2000-2010 CA, NV.</u>			TYPE OF LICENSE	ACTION TAKEN	REASON FOR ACTION	DATE OF ACTION									OFFENSE	DATE OF OFFENSE	GOVERNMENTAL AUTHORITY	HEARING DATE									OFFENSE	DATE OF CONVICTION	CITY, STATE, COUNTRY	SENTENCE									OFFENSE	DATE OF OFFENSE	CITY, STATE, COUNTRY	HEARING OR TRIAL DATE								
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APPLICATION FOR PROFESSIONAL ATHLETE

APPLICANT NAME: Chael Sonnen

Section 6. Please Print the Following Information:

EMERGENCY CONTACT INFORMATION:

Name [REDACTED] Relationship [REDACTED]
Address _____ Phone Number _____
City _____ State _____ Zip Code _____ Country _____

AUTHORIZATION TO RELEASE INFORMATION

Authority to provide the California State Athletic Commission with this information is established pursuant to Sections 18640, 18642 and 18643 of the Business and Professions Code. Disclosure of your social security number is mandatory pursuant to Section 30 of the Business and Professions Code and Pub. L.94-455 (42 USCA 405 © © authorizes collection of your social security number. Your social security number will be used exclusively for tax enforcement purposes, and for purposes of compliance with any judgment or order for family support in accordance with Section 17520 of the Family Code. The social security number is also used to report and credit boxer pension fund payments in implementing Sections 18880, 18881, 18882, 18883, 18884, 18887, and 18888 of the Business and Professions Code. If you fail to disclose your social security number your application for initial or renewal license will not be processed AND you will be reported to the Franchise Tax Board, which may assess a \$100 penalty against you.

All items in this application are mandatory; none are voluntary. Failure to provide any of the requested information will result in the application being rejected as incomplete. The information provided will be used to determine qualification for licensure. Information on your application and physical examination report may be released to law enforcement agencies. Applicants have the right to review their application subject to the provisions of the Information Practices Act. The Executive Officer is the custodian of records.

APPLICANT DECLARATION

I declare under penalty of perjury under the laws of the State of California, that I have read the foregoing application for a professional athlete's license and that all the answers given are my own. I further declare that all the answers are true AND THAT THE HIV/HBV/HCV TEST REPORT REPRESENTS MY HIV/HBV/HCV TEST RESULTS. I understand that any misstatement of material fact in this application will constitute grounds for denying or revoking the license.

Applicant's signature: [Signature]

Date: 6/29/10

This item is VOLUNTARY. You do not have to check this box.

[] I hereby authorize the California State Athletic Commission to release my telephone number to any commission licensee for contact purposes. This authorization shall be valid during the license year in which this application is signed.

50

STATE OF CALIFORNIA—STATE AND CONSUMER SERVICES AGENCY

ARNOLD SCHWARZENEGGER, Governor



California State Athletic Commission
 2005 Evergreen St., Ste. 2010
 Sacramento, CA 95815
 www.dca.ca.gov/csac/
 (916) 203-2195 FAX (916) 263-2197



Authorization to Use and Disclose Protected Health Information

The California State Athletic Commission is a public health authority, as defined in 45 CFR 164.501, exempt from HIPAA, and is authorized by California Business and Professions Code Sections 18600 et seq. to collection information about the applicant's mental and physical health.

I hereby authorize my personal physicians and other healthcare providers and all hospitals or similar institutions or organizations to furnish to the California State Athletic Commission or its successors copies of all my medical records, hospital records, records of treatment for drug and/or alcohol abuse or dependency, or other information requested by that Commission in connection with this application or any further or future investigation by that Commission necessary to determine my fitness for licensure.

I further authorize the Commission or its successors to release any medical or other personal information with respect to my application or licensure to the organizations, individuals or groups listed above and to other regulatory bodies. The Commission will release this information only to those athletic commissions (or similar regulatory bodies) that have a need to know, as determined by the Commission. This disclosure of records is required for official use, including investigation of my fitness for licensure by the Commission. I understand that the recipient of my information is not a health plan or health care provider and the released information may no longer be protected by federal privacy regulations.

I understand that I have a right to receive a copy of this authorization if I request it. I may inspect or obtain a copy of the protected health information that I am being asked to disclose.

I understand that I have a right to revoke this authorization by sending written notification to the California State Athletic Commission, 2005 Evergreen St., Suite 2010, Sacramento, California 95815. I understand that if I revoke this authorization, I may not be allowed to continue in the licensure process, or, if I am licensed, my license may be adversely affected.

This authorization shall remain valid for one year from the date a license is issued to me. A copy of this authorization shall be as valid as the original.

Applicant:

Chael Sonnen - Chael Date: 10/13/09
 Name Signature

55

UCLA OLYMPIC ANALYTICAL LABORATORY

2122 Granville Avenue
Los Angeles, CA 90025-6106
Tel: (310) 825-2635
Fax: (310) 206-9077

DATE: 9-3-10

TO: California State Athletic Commission
Attn: Sarah Waklee

FAX#: 916-263 2197

FROM: Sawsan Chamas

NUMBER OF PAGES (including cover page): 4 p

MESSAGE: Drug Testing Report CSAC55 3 p

This message is intended only for the party to which it is addressed. It contains confidential information. If you have received this message in error, please contact the sender at one of the above numbers immediately. Thank you.

CONTESTANT'S NAME	REMARKS
Dennis Hallman	[REDACTED]
Ben Saunders	[REDACTED]
Christian Morecraft	[REDACTED]
Stefan Struve	[REDACTED]
Todd Brown	[REDACTED]
Tim Boetsch	[REDACTED]
Charlie Brenneman	[REDACTED]
Johnny Hendricks	[REDACTED]
Rodney Wallace	[REDACTED]
Phil Davis	[REDACTED]
Rick Story	[REDACTED]
Dustin Hazelett	[REDACTED]
Junior Dos Santos	[REDACTED]
Roy Nelson	[REDACTED]
Ricardo Almeida	[REDACTED]
Matt Hughes	[REDACTED]
Rafael Dos Anjos	[REDACTED]
Clay Guida	[REDACTED]
Thiago Alves	[REDACTED]
Jon Fitch	[REDACTED]
Chael Sonnen	EJ - 2 deep flexion 192, 60-60 - ends
Anderson Silva	[REDACTED]

WADA Technical Document – TD2004EAAS

Document Number:	TD2004EAAS	Version Number:	1.0
Written by:	WADA Laboratory Committee	Approved by:	WADA Executive Committee
Date:	30 May, 2004	Effective Date:	13 August, 2004

REPORTING AND EVALUATION GUIDANCE FOR TESTOSTERONE, EPITESTOSTERONE, T/E RATIO AND OTHER ENDOGENOUS STEROIDS

1. Introduction:

This guide has been prepared to ensure that Laboratories can report, in a uniform way, the presence of abnormal profiles of urinary steroids resulting from the administration of testosterone or its precursors, androstenediol, androstenedione, dehydroepiandrosterone (DHEA) or a testosterone metabolite, dihydrotestosterone or a masking agent, epitestosterone. It also provides guidance to the Testing Authority on how to conduct the evaluation of *Adverse Analytical Findings* reported by the Laboratories.

It is proven that administration of these steroids alters one or more of the parameters of the urinary steroid profile. Elevated levels of urinary metabolites, which are part of the “steroid profile”, e.g. testosterone, epitestosterone, dihydrotestosterone, androsterone, etiocholanolone, DHEA as well as other specific metabolites are not consistent with normal endogenous production and result from the intake of these steroids. Increased ratios of specific pairs of steroid metabolites are also indicative of the administration of these endogenous steroids.

It is emphasized that the following requirements shall be applied by all Laboratories in their routine practice.

2. Specific requirements for GC/MS measurement of T/E value, concentration of testosterone, concentration of epitestosterone:

The T/E value is given by the peak area or peak height ratio of testosterone and epitestosterone (equivalent to the glucuronide) obtained by measuring the ion at m/z 432 by GC/MS analysis in a Single Ion Monitoring mode (SIM). The T/E value is usually measurable regardless of the concentration of both steroids. Whether measured from the Screening Procedure or the Confirmation Procedure, it must be corrected using an appropriate standard (e.g. calibration curve, quality control sample(s) or authentic standard solutions of both testosterone and epitestosterone). The concentration of testosterone and epitestosterone (equivalent to the glucuronide) should be estimated but should not be used to determine the T/E value. In the case of high T/E values, the concentration of epitestosterone is frequently low and it may not always be possible to measure epitestosterone precisely. In such cases, only the concentration of testosterone (equivalent to the glucuronide) is to be determined.

The Screening Procedure which is normally conducted on a single aliquot shall be carried out including, together in the same batch, a control sample where the T/E value, concentrations of testosterone and epitestosterone are known.

Reference ranges of the various parameters of the urinary steroid profile have been described for populations of both males and females. It should be borne in mind that there is significant

WADA Technical Document – TD2004EAAS

Document Number:	TD2004EAAS	Version Number:	1.0
Written by:	WADA Laboratory Committee	Approved by:	WADA Executive Committee
Date:	30 May, 2004	Effective Date:	13 August, 2004

variation between individuals . A normal level for one individual may in another be elevated and be consistent with doping. The Laboratory will adapt its testing procedures to the *Sample* tested; for example, female or male, Asian or Caucasian (when the information is provided). The concentration of urinary steroids such as testosterone and epitestosterone varies greatly between individuals and also depends upon the specific gravity of the urine *Sample*; only values corrected for a specific gravity value of 1.020 can be compared.

It is recommended that a urine *Sample* in which any one of the following criteria is met during the Screening Procedure, be routinely submitted to the IRMS analysis:

- i) T/E value equal or greater than 4;
- ii) concentration of testosterone or epitestosterone (equivalent to the glucuronide) greater than 200 ng/mL¹;
- iii) concentration of androsterone or etiocholanolone (equivalent to the glucuronide) greater than 10,000 ng/mL¹;
- iv) concentration of DHEA (equivalent to the glucuronide) greater than 100 ng/mL¹.

It is recognised that other parameters may justify a need for IRMS study and the reason should be documented.

Any result that will be used to support an *Adverse Analytical Finding* shall be confirmed and quantified.

Confirmation of elevated T/E values, concentration of testosterone, epitestosterone or any other steroid metabolite under consideration is to be performed in triplicate. The confirmation of the identity of any steroid reported with abnormal properties must be made (refer to technical document TD2003IDCR). Appropriate calibration (e.g. calibration curve, deuterated standards, quality control samples) is to be included in the protocol of the Confirmation Procedure.

Confirmed elevated concentration of steroids will be reported as such together with the value adjusted for the specific gravity of the urine *Sample* using the following formula:

$$\text{Concentration}_{1.020} \text{ ng/mL} = (1.020 - 1) / (\text{Specific gravity of the Sample} - 1) \cdot \text{Concentration measured ng/mL}$$

The urine *Sample* is not collected under sterile conditions, and where the circumstances are favourable, the microbes present in the *Sample* can cause changes to the profile of the urinary steroids. Initially there is cleavage of the glucuronides and sulfates followed by modifications of the steroids' structure by oxido-reductive reactions. To report an *Adverse Analytical Finding* of an elevated T/E value, testosterone or epitestosterone concentration or any other endogenous steroid parameters, the concentration of free testosterone and/or epitestosterone in the specimen is not to exceed 5% of the respective glucuroconjugates. Elevated amounts of 5 α - and 5 β -androstan-3,17-dione in the free form also indicate microbial degradation.

¹ Concentrations adjusted for a specific gravity value of 1.020

5

WADA Technical Document – TD2004EAAS

Document Number:	TD2004EAAS	Version Number:	1.0
Written by:	WADA Laboratory Committee	Approved by:	WADA Executive Committee
Date:	30 May, 2004	Effective Date:	13 August, 2004

3. Isotope ratio mass spectrometry:

When a parameter of the steroid profile indicates a need to further study, its $^{13}\text{C}/^{12}\text{C}$ value expressed in delta units per mil (δ ‰) or that of its metabolites will be measured and compared to that of urinary reference steroids within the sample not affected by administration. Depending upon the nature of the endogenous steroid suspected to have been administered, the metabolites analysed could be testosterone, epitestosterone, androsterone, etiocholanolone, the androstane diols, DHEA, or other relevant metabolites while the urinary reference steroid usually analysed by the Laboratories is one of, pregnanediol, pregnanetriol, cholesterol, 11-hydroxyandrosterone or 11-ketoetiocholanolone. The instrumentation should be calibrated with an appropriate Reference Material.

The results will be reported as consistent with the administration of a steroid when the $^{13}\text{C}/^{12}\text{C}$ value measured for the metabolite(s) differs significantly i.e. by 3 delta units or more from that of the urinary reference steroid chosen. In some *Samples*, the measure of the $^{13}\text{C}/^{12}\text{C}$ value of the urinary reference steroid(s) may not be possible due to their low concentration. The results of such analyses will be reported as “inconclusive” unless the ratio measured for the metabolite(s) is below -28‰ based on non-derivatised steroid.

4. Reviewing and evaluating test results:

The following actions should be requested by the Testing Authority in agreement with the Laboratory:

- Isotopic ratios ($^{13}\text{C}/^{12}\text{C}$) of the relevant metabolites should whenever possible be measured each time an elevated parameter of the steroid profile is estimated from the Screening Procedure or Confirmation Procedure and reported to the Testing Authority as having been determined. If the Laboratory does not have the capability to conduct such testing, the *Samples* are to be securely transferred ensuring the Chain of Custody to another Laboratory with the requisite capability.
- The results of the IRMS analysis and/or of the steroid profile measured by GC/MS shall be used to draw conclusions as to whether a doping violation may have been committed. If the IRMS study does not readily indicate exogenous administration, the result should be reported as “inconclusive” and if necessary further longitudinal studies performed.
- When available, the athlete’s previous tests on record at the Testing Authority should be accessed and the corresponding steroid profile data requested from the relevant Laboratory. These results should be examined and considered together with the existing evidence (longitudinal study).

WADA Technical Document – TD2004EAAS

Document Number:	TD2004EAAS	Version Number:	1.0
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Date:	30 May, 2004	Effective Date:	13 August, 2004

- If, for any reason, an IRMS analysis cannot be carried out satisfactorily (e.g. insufficient volume of urine, amount of analyte too low to enable a valid measurement) or the examination of previous test results raises suspicions due to unstable profile values, up to three further unannounced tests should be carried out, preferably within a three months period following the report of the suspicious analytical result. There should be a minimum total of three results, other than the abnormal *Sample*, of either past or post data. A *Sample* in which the elevated parameter is again measured is to be analysed by IRMS as described above. In difficult cases longer monitoring may be required.

5. Evaluation of longitudinal studies:

In males, the individual T/E values have been shown to vary from their mean value by less than 30% (screening values). In females, a low concentration of some urinary steroids such as epitestosterone and testosterone, close to the limit of detection using current analytical methods occurs. Normal variation of up to 60% may be expected. The individual basal T/E value should be determined from at least three test results, excluding the suspicious result under consideration. The mean, standard deviation and coefficient of variation (expressed in percent) should be calculated for those three basal values. If the suspicious test result, when compared to the basal value using appropriate statistical evaluation is found to be significantly different, that will constitute a proof of the administration of a source of testosterone. It is understood that the basal value may be calculated from previous screening test results. The comparison of screening results and confirmed results is acceptable.

The same reasoning applies to any other parameter of the steroid profile which has been estimated to be in an amount exceeding the ranges of values normally found in humans.

6. Other parameters:

Other parameters such as the ratio of urinary testosterone to Lutenising Hormone (T/LH) and the androsterone to testosterone ratio (A/T) may be used to provide extra information to help determine the use of some substances especially injected testosterone and many of its esters. A high T/LH ratio may be used as ancillary evidence. The A/T ratio which has markedly changed from the “normal” value found for an individual during a longitudinal study may indicate which type of substance has been used. A change to high value can indicate testosterone use and a change to low values may indicate the use of testosterone precursors such as DHEA. However, any administration of testosterone and of its precursors, androstenedione or DHEA will not necessarily alter the excretion of LH and epitestosterone glucuronide.

WADA Technical Document – TD2004EAAS

Document Number:	TD2004EAAS	Version Number:	1.0
Written by:	WADA Laboratory Committee	Approved by:	WADA Executive Committee
Date:	30 May, 2004	Effective Date:	13 August, 2004

7. Examples of specific urinary metabolites potentially altered by the administration of “endogenous steroids”;

Urinary steroid	Steroid administered
Testosterone (G)	Testosterone, androstenedione, DHEA
Epitestosterone (G)	Epitestosterone
T/E (G)	Testosterone, androstenedione, DHEA
Androsterone (G)	Testosterone, DHT, androstenedione, DHEA and androstenediol
Etiocholanolone (G)	Testosterone, androstenedione, DHEA and androstenediol
DHEA (G) (S)	DHEA
6 α -OH Androstenedione (G)	Androstenedione
6 β -OH Androsterone (G)	Androstenedione
6 β -OH Etiocholanolone(G)	Androstenedione
6 β -OH Epiandrosterone (S)	Androstenedione
7 β -OH DHEA/16 α -OH Androsterone (S)	DHEA
7-OH DHEA, 7 keto DHEA	7 keto DHEA

* G indicates the glucuronide and S indicates sulphate conjugation.

The official text of the technical document Reporting and Evaluation Guidance for Testosterone, Epitestosterone, T/E Ratio and other Endogenous Steroids shall be maintained by *WADA* and shall be published in English and French. In the event of any conflict between the English and French versions, the English version shall prevail.

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103

WADA Technical Document – TD2004EAAS

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Written by:	WADA Laboratory Committee	Approved by:	WADA Executive Committee
Date:	30 May, 2004	Effective Date:	13 August, 2004

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EDMUND G. BROWN JR.
Attorney General

State of California
DEPARTMENT OF JUSTICE



RONALD REAGAN BUILDING
300 SOUTH SPRING STREET, SUITE 1702
LOS ANGELES, CA 90013

Public: (213) 897-2000
Telephone: (213) 897-8944
Facsimile: (213) 897-2804
E-Mail: karen.chappelle@doj.ca.gov

October 4, 2010

Sent by Facsimile and by First Class Mail

Howard L. Jacobs, Esq.
Law Offices of Howard L. Jacobs
2815 Townsgate Road, Suite 200
Westlake, CA 91361

Re: CSAC v. CHAEL SONNEN

Dear Mr. Jacobs:

I am in receipt of your correspondence to California State Athletic Commissioner Executive Officer George Dodd dated September 29, 2010 (two letters) and September 30, 2010.

Your request for your client's appeal to be heard on the December 2, 2010 meeting calendar will be accommodated. Please be advised that the December meeting will be held in Sacramento, California, at a site to be determined, and you will be notified.

I am faxing you along with this letter all the paperwork I have on this case. The paperwork from the lab indicates that Mr. Sonnen signed a declaration that he had taken 1 shot of Testosterone on August 5, 2010, so presumably you would not be challenging this specific laboratory finding.

However, should you be interested, as I indicated to you on the phone, you may request a litigation packet to be prepared by the laboratory, as we do not as a matter of routine order them. The lab will contact George to obtain his approval.

As far as the other items you have requested in your correspondence, items 1-8 would necessarily come directly from the lab.

To the extent that they exist, I will obtain and forward to you any documents from the Commission relative to your requests 1-7 September 29, 2010 and items 1-5 September 30, 2010.

129

Howard L. Jacobs, Esq.
October 4, 2009
Page 2

The procedures for the conduct of the appeal have not changed since the last time you and I did one in Los Angeles. If you have any other questions, please do not hesitate to contact me.

Thank you.

Sincerely,



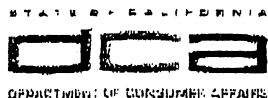
KAREN B. CHAPPELLE
Supervising Deputy Attorney General

For EDMUND G. BROWN JR.
Attorney General

Enclosures

cc: George Dodd, Executive Officer, California State Athletic Commission

KBC:hg



STATE AND CONSUMER SERVICES AGENCY • ARNOLD SCHWARZENEGGER GOVERNOR

California State Athletic Commission
2005 Evergreen Street, Suite 2010, Sacramento, CA, 95825
P 916-263-2195 F 916-263-2197 www.dca.ca.gov/csac



September 16, 2010

Chael Sonnen

Notice of Suspension and Fine

Dear Mr. Sonnen:

The results of your steroid test taken on August 6, 2010 were received on September 2, 2010 and they were positive. Attached are the results from the Lab.

Title 4 California Code of Regulations, Section 303 states in part:

The administration or use of any drugs, alcohol or stimulants, or injections in any part of the body, either before or during a match, to or by any boxer is prohibited.

Based on the positive laboratory findings, your California license as a Mixed Martial Arts athlete is hereby suspended for 1 year, beginning on September 2, 2010 and you are fined \$2,500.

Per Business and Professions Code section 18842, you have a right to appeal this denial before the Athletic Commission. You must submit your appeal request, in writing, within 30 days of the date of this letter. Upon receipt of your request, your appeal will be included on the agenda for the next available commission meeting.

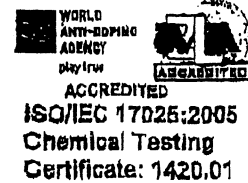
If you have any questions, please feel free to contact me at any time (916) 263-2195.

Respectfully,

George Dodd
Executive Officer
California Athletic Commission
2005 Evergreen St. Suite 2010
Sacramento, CA 95815
Office (916) 263-2195
Fax (916) 263-2197



UCLA Olympic Analytical Laboratory
UCLA School of Medicine
2122 Granville Ave. Los Angeles, CA 90025
Phone (310) 825-2835 Fax (310) 206-9077



CONFIDENTIAL
DRUG TESTING REPORT CSAC55 (RKL09)

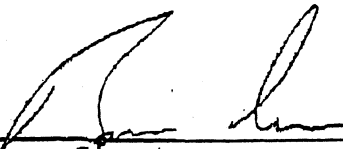
September 02, 2010

California State Athletic Commission
Attn: Sarah Waklee
2005 Evergreen Street, Ste. 2010
Sacramento, CA 95815
Fax: (916) 263-2197

Dear Ms. Waklee:

This is a supplemental report for CSAC 2487996 - UCLA RKL09, MMA, collection date August 06, 2010 and date received August 10, 2010.

Urine specimen number CSAC 2487996 = UCLA RKL09 has T/E ratio of $16.9 \pm 17\%$ (k=2). The threshold T/E ratio is 4.0. We recommend carbon isotope ratio analysis and/or longitudinal follow-up.

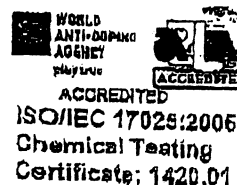
Brian Ahrens		9/3/10
_____ Certifying Scientist	_____ Signature	_____ Date

This report shall not be reproduced, except in full, without the written approval of the laboratory.

2



UCLA Olympic Analytical Laboratory
UCLA School of Medicine
2122 Granville Ave. Los Angeles, CA 90026
Phone (310) 826-2638 Fax (310) 206-9077



CONFIDENTIAL
Carbon Isotope Ratio Report – CSAC55 (RKL09)

September 14, 2010

California State Athletic Commission
Attn: Sarah Waklee
2005 Evergreen Street, Ste. 2010
Sacramento, CA 95815
Fax: (916) 263-2197

Specimen number: 2487996
UCLA Code: RKL09
Sport: MMA
Collection date: 08/06/10
Date Received at Lab: 08/10/10
Date of Analysis: 09/07/10
Condition and custody of sample: Acceptable

Analysis: The urine sample was analyzed using method 8001, steroids by carbon isotope ratio by GC/IRMS.

Analytical Findings:

IRMS Laboratory Result:	<u>Δ (Pd₁₀-B₁₀)</u>	<u>Δ (Pd₁₀-A₁₀)</u>	<u>Result*</u>
	7.0 ± 0.9	5.9 ± 0.8	Adverse

* Where "Inconclusive" or "Negative" indicates results are consistent with endogenous origin and "Adverse" indicates results are consistent with administration of a steroid.

Unit of measurement for the two values is $\delta^{13}C$ [‰]. The value after the \pm is the uncertainty of measurement (k=2).

Brian Ahrens		9/14/10
_____	_____	_____
Certifying Scientist	Signature	Date

UCLA OLYMPIC ANALYTICAL LABORATORY
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
 2122 GRANVILLE AVENUE LOS ANGELES, CA 90025 (310) 825-2635 FAX (310) 206-9077

LABORATORY/SAMPLE INFORMATION

8/6/10

Sample Collection Date

6:17 pm

Sample Collection Time

TEST CONDUCTED FOR THE CALIFORNIA STATE ATHLETIC COMMISSION
Anabolic Steroids and Masking Agents

2	4	8	7	9	9	6	
---	---	---	---	---	---	---	--

SAMPLE CODE NUMBER

Specific Gravity and PH levels within range? YES ~~NO~~ → NOT TESTED

Specific Gravity: Greater than or equal to 1.005
 PH: Not less than 5.0 and not greater than 7.5

Hilton Oakland CA
 Collection Site Name - City, State

MMA
 Sport

UFC 117
 Event Name

Frank M. [Signature]
 Collector Name (Please print clearly)

[Signature]
 Collector Signature

Declaration of any recent blood transfusions, as well as any medications and other substances, including vitamins, minerals, herbs, and other dietary supplements taken during the preceding three (3) days (enter "NONE" if none declared and draw a line through any unused spaces) (attach additional information if necessary):

Name of Substance	Dosage	Date Last taken	Name of Substance	Dosage	Date Last taken
Advil	6 pills	8/5/10	Iron	1 pill	8/5/10
Multivitamin	1 pill	8/5/10	Aspen	1 pill	8/4/10
Vitamin C	1 pill	8/5/10	NONE	—	—

Consent for research (optional): By checking "I Accept" and signing in the space provided, I agree that this sample may be used for anti-doping research purposes. When analysis is completed and this sample would otherwise be discarded, it may then be used by any WADA approved laboratory for anti-doping research of any type provided that it can no longer be identified as my sample.

I Accept Decline

COMPLETED BY DONOR:

I declare under penalty of perjury under the laws of the State of California that the foregoing information is true and correct; further I realize that any intentional misrepresentation may result in disciplinary action against my license. I certify that I provided my specimen to the collector; that I have not adulterated it in any manner; each specimen bottle used was sealed with a tamper-evident seal in my presence; and that the information and numbers provided on this form and affixed to each specimen bottle are correct.

Sonera Donor Name (Please print clearly) [Signature] Donor Signature 8/6/10 Date 6:17 pm Time

COMPLETED BY DONOR'S WITNESS:

I assisted the Donor in completing this form and declare under penalty of perjury under the laws of the State of California, that the foregoing information is true and correct; further I realize that any intentional misrepresentation may result in disciplinary action against my license.

Rudy Sancer Witness Name (Please print clearly) [Signature] Witness Signature 8/6/10 Date 6:17 pm Time

[Handwritten mark]

UCLA OLYMPIC ANALYTICAL LABORATORY
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
 2122 GRANVILLE AVENUE LOS ANGELES, CA 90025 (310) 825-2635 FAX (310) 206-9077

LABORATORY/SAMPLE INFORMATION

8/6/10

Sample Collection Date

6:17pm

Sample Collection Time

TEST CONDUCTED FOR THE CALIFORNIA STATE ATHLETIC COMMISSION
 Anabolic Steroids and Masking Agents

2	4	8	7	9	9	6	
---	---	---	---	---	---	---	--

SAMPLE CODE NUMBER

Specific Gravity and PH levels within range? YES ~~NO~~ → NOT TESTED

Specific Gravity: Greater than or equal to 1.005
 PH: Not less than 5.0 and not greater than 7.5

HILTON OAKLAND CA

Collection Site Name - City, State

MMA

Sport

UFC 117

Event Name

Frank Munoz

Collector Name (Please print clearly)

[Signature]

Collector Signature

Declaration of any recent blood transfusions, as well as any medications and other substances, including vitamins, minerals, herbs, and other dietary supplements taken during the preceding three (3) days (enter "NONE" if none declared and draw a line through any unused spaces) (attach additional information if necessary):

Name of Substance	Dosage	Date Last taken	Name of Substance	Dosage	Date Last taken
TESTOSTERONE	1 shot	8/5/10	NONE	---	---
NONE	---	---	NONE	---	---
NONE	---	---	NONE	---	---

Consent for research (optional): By checking "I Accept" and signing in the space provided, I agree that this sample may be used for anti-doping research purposes. When analysis is completed and this sample would otherwise be discarded, it may then be used by any WADA approved laboratory for anti-doping research of any type provided that it can no longer be identified as my sample.

I Accept I Decline

COMPLETED BY DONOR:

I declare under penalty of perjury under the laws of the State of California that the foregoing information is true and correct; further I realize that any intentional misrepresentation may result in disciplinary action against my license. I certify that I provided my specimen to the collector; that I have not adulterated it in any manner; each specimen bottle used was sealed with a tamper-evident seal in my presence; and that the information and numbers provided on this form and affixed to each specimen bottle are correct.

Sonaca

Donor Name (Please print clearly)

[Signature]

Donor Signature

8/6/10

Date

6:17pm

Time

COMPLETED BY DONOR'S WITNESS:

I assisted the Donor in completing this form and declare under penalty of perjury under the laws of the State of California, that the foregoing information is true and correct; further I realize that any intentional misrepresentation may result in disciplinary action against my license.

Witness Name (Please print clearly)

Witness Signature

Date

Time

[Handwritten mark]



UCLA OLYMPIC ANALYTICAL LABORATORY
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
2122 GRANVILLE AVENUE
LOS ANGELES, CALIFORNIA 90025-6106

PHONE: 310-825-2635
FAX: 310-206-9077

CONFIDENTIAL

October 05, 2010

California State Athletic Commission
Attn: Sarah Waklee
2005 Evergreen Street, Ste. 2010
Sacramento, CA 95815

RE: Specimen Number ~~2787996~~ UCLA RKL09

Dear Ms. Waklee:

Please find enclosed the documentation package for the A confirmation on the case identified above.

Enclosed are authentic photocopies of the original documentation supporting our conclusion and the drug testing report.

Please feel free to call if you have any questions.

Sincerely,



Brian Ahrens
Certifying Scientist

Cc: Anthony Butch, Ph.D.
Director

CONFIDENTIAL
DOCUMENTATION

IDENTIFICATION:

Organization: CSAC

Sample number 2487996 = UCLA RKL09

Substances identified: T/E>4, IRMS results consistent with administration of a steroid

TABLE OF CONTENTS

Page

CORRESPONDENCE AND CHAIN OF CUSTODY:

Drug testing report on "A" sample.....	5
Laboratory/Sample Information Form, lab copy.....	6-7
Courier Documentation.....	8
Batch chain of custody documentation.....	9-10
Individual seals chain of custody documentation.....	11
List of staff involved in analysis	12

ANALYTICAL DATA:

“A” SAMPLE SCREENING DOCUMENTATION

Screening procedure	13
“A” screen aliquot chain of custody documentation.....	14-15

TMS derivative, SIM GC-MS data, IS = d₃-Testosterone

Negative urine QC

Analysis report.....	16
Extracted ion chromatograms.....	17

Positive urine calibrator (androgen free urine spiked with endogenous steroids)

Analysis report.....	18
Extracted ion chromatograms.....	19

Sample urine aliquot

Analysis report.....	20
Extracted ion chromatograms.....	21

“A” SAMPLE CONFIRMATION DOCUMENTATION:

Confirmation Procedure	22-23
“A” bottle chain of custody documentation.....	24
“A” confirmation aliquot chain of custody documentation.....	25-26
Sequence verification data.....	27

TMS derivative, SIM GC-MS data, IS = d4-19-Norandrosterone

Negative urine QC

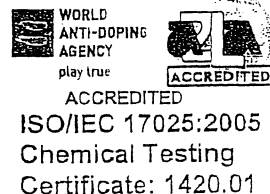
Extracted ion chromatogram of IS.....	28
Extracted ion chromatogram and SIM scan spectrum of Testosterone.....	28

<u>Positive urine QC</u> (urine spiked with Testosterone glucuronide)	
Extracted ion chromatogram of IS.....	28
Extracted ion chromatogram and SIM scan spectrum of Testosterone.....	28
<u>Positive calibrator</u> (unextracted testosterone and epitestosterone standards at a ratio of 4:1)	
Extracted ion chromatogram and SIM scan spectrum of Testosterone - replicate 1.....	29
Extracted ion chromatogram and SIM scan spectrum of Testosterone - replicate 2.....	29
Extracted ion chromatogram and SIM scan spectrum of Testosterone - replicate 3.....	29
<u>Sample urine aliquot</u>	
Extracted ion chromatogram and SIM scan spectrum of Testosterone - replicate 1.....	30
Extracted ion chromatogram and SIM scan spectrum of Testosterone - replicate 2.....	30
Extracted ion chromatogram and SIM scan spectrum of Testosterone - replicate 3.....	30
Summary table showing ion ratio data.....	31
Summary of quantification, statistical analysis and uncertainty.....	32
 Analytical run instrument validation data	
Tune data.....	33
Retention time check.....	34
 <u>GC/IRMS DATA</u>	
Abbreviations frequently used in the documentation.....	35
Confirmation procedure.....	36
“A” bottle chain of custody documentation (refer to page 24)	
“A” confirmation aliquot chain of custody documentation.....	37-42
Sequence verification data.....	43-44
 <u>Negative urine QC</u>	
Androsterone and Etiocholanolone	
Chromatogram of ion 44.....	45
Table of $\delta^{13}\text{C}$ values.....	45
Pregnanediol	
Chromatogram of ion 44.....	46
Table of $\delta^{13}\text{C}$ values.....	46
<u>Positive urine QC</u> (negative urine fortified with andro, etio and adiol)	
Androsterone and Etiocholanolone	
Chromatogram of ion 44.....	47
Table of $\delta^{13}\text{C}$ values.....	47
Pregnanediol	
Chromatogram of ion 44.....	48
Table of $\delta^{13}\text{C}$ values.....	48
<u>Sample urine aliquot</u>	
Androsterone and Etiocholanolone	
Chromatogram of ion 44.....	49
Table of $\delta^{13}\text{C}$ values.....	49
Pregnanediol	
Chromatogram of ion 44.....	50
Table of $\delta^{13}\text{C}$ values.....	50
IRMS HPLC data reading record.....	51

“A” Sample Confirmation Conclusion Data	
<u>Negative urine QC</u>	
Total ion chromatogram and spectra (etiocholanolone and androsterone).....	52
Total ion chromatogram and spectrum (pregnanediol).....	53
<u>Positive urine QC</u>	
Total ion chromatogram and spectra (etiocholanolone and androsterone).....	54
Total ion chromatogram and spectrum (pregnanediol).....	55
<u>Sample urine aliquot</u>	
Total ion chromatogram and spectra (etiocholanolone and androsterone).....	56
Total ion chromatogram and spectrum (pregnanediol).....	57
Identification data evaluated according to WADA TD2003IDCR.....	58
 GC/IRMS run instrument verification data	
Instrument verification data summary.....	59
Peak shape verification data.....	60
Linearity and precision verification data.....	61-63
DSQII verification data.....	64
 “A” sample laboratory pH and Specific Gravity.....	65
“A” sample Carbon Isotope Ratio Report.....	66



UCLA Olympic Analytical Laboratory
UCLA School of Medicine
2122 Granville Ave. Los Angeles, CA 90025
Phone (310) 825-2635 Fax (310) 206-9077



CONFIDENTIAL

DRUG TESTING REPORT CSAC55(RKL09)

September 02, 2010

California State Athletic Commission
Attn: Sarah Waklee
2005 Evergreen Street, Ste. 2010
Sacramento, CA 95815
Fax: (916) 263-2197

Dear Ms. Waklee:

This is a supplemental report for CSAC 2487996 = UCLA RKL09, MMA, collection date August 06, 2010 and date received August 10, 2010.

Urine specimen number CSAC 2487996 = UCLA RKL09 has T/E ratio of $16.9 \pm 17\%$ (k=2). The threshold T/E ratio is 4.0. We recommend carbon isotope ratio analysis and/or longitudinal follow-up.

Brian Ahrens		9/3/10
Certifying Scientist	Signature	Date

This report shall not be reproduced, except in full, without the written approval of the laboratory.

UCLA OLYMPIC ANALYTICAL LABORATORY
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE
2122 GRANVILLE AVENUE LOS ANGELES, CA 90025 (310) 825-2635 FAX (310) 206-9077

RKL09

LABORATORY/SAMPLE INFORMATION

8/6/10

Sample Collection Date

6:17 am

Sample Collection Time

TEST CONDUCTED FOR THE CALIFORNIA STATE ATHLETIC COMMISSION
Anabolic Steroids and Masking Agents

2 4 8 7 9 9 6

SAMPLE CODE NUMBER

Specific Gravity and PH levels within range?

YES

NO

Specific Gravity: Greater than or equal to 1.005
PH: Not less than 5.0 and not greater than 7.5

NOT TESTED

HILTON OAKLAND CA

Collection Site Name - City, State

MMA

Sport

UFC 117

Event Name

Frank Munoz

Collector Name (Please print clearly)

Kan

Collector Signature

Declaration of any recent blood transfusions, as well as any medications and other substances, including vitamins, minerals, herbs, and other dietary supplements taken during the preceding three (3) days (enter "NONE" if none declared and draw a line through any unused spaces) (attach additional information if necessary):

Name of Substance	Dosage	Date Last taken	Name of Substance	Dosage	Date Last taken
TESTOSTERONE	1 shot	8/5/10	NONE	---	---
NONE	---	---	NONE	---	---
NONE	---	---	NONE	---	---

Consent for research (optional): By checking "I Accept" and signing in the space provided, I agree that this sample may be used for anti-doping research purposes. When analyses is completed and this sample would otherwise be discarded, it may then be used by any WADA approved laboratory for anti-doping research of any type provided that it can no longer be identified as my sample.

I Accept

I Decline

**UCLA OLYMPIC ANALYTICAL LABORATORY
DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE**

2122 GRANVILLE AVENUE LOS ANGELES, CA 90025 (310) 825-2635 FAX (310) 206-9077

LABORATORY/SAMPLE INFORMATION

8/6/10

Sample Collection Date

6:17 pm

Sample Collection Time

TEST CONDUCTED FOR THE CALIFORNIA STATE ATHLETIC COMMISSION
Anabolic Steroids and Masking Agents

2	4	8	7	9	9	6	
---	---	---	---	---	---	---	--

SAMPLE CODE NUMBER

Specific Gravity and PH levels within range?

~~YES~~ ~~NO~~ → NOT TESTED

Specific Gravity: Greater than or equal to 1.005
PH: Not less than 5.0 and not greater than 7.5

Hill Country Oakland CA
Collection Site Name - City, State

MMA
Sport

UFC 117
Event Name

Frank Minors
Collector Name (Please print clearly)

[Signature]
Collector Signature

Declaration of any recent blood transfusions, as well as any medications and other substances, including vitamins, minerals, herbs, and other dietary supplements taken during the preceding three (3) days (enter "NONE" if none declared and draw a line through any unused spaces) (attach additional information if necessary):

Name of Substance	Dosage	Date Last taken	Name of Substance	Dosage	Date Last taken
<u>Aspirin</u>	<u>6 pills</u>	<u>8/5/10</u>	<u>Iron</u>	<u>1 pill</u>	<u>8/5/10</u>
<u>Multivitamin</u>	<u>1 pill</u>	<u>8/5/10</u>	<u>Aspirin</u>	<u>1 pill</u>	<u>8/4/10</u>
<u>Vitamin C</u>	<u>1 pill</u>	<u>8/5/10</u>	<u>NONE</u>	<u>---</u>	<u>---</u>

Consent for research (optional): By checking "I Accept" and signing in the space provided, I agree that this sample may be used for anti-doping research purposes. When analyses is completed and this sample would otherwise be discarded, it may then be used by any WADA approved laboratory for anti-doping research of any type provided that it can no longer be identified as my sample.

I Accept Decline

82

FedEx US Airbill
Express

FedEx Tracking Number

8723 2626 5182

0215

Recipient's Copy

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.
Date: 8/19/10 FedEx Tracking Number: 872326265182

Sender's Name: Che Guzman Phone: 916 263-2195

Company: CALIFORNIA STATE ATHLETIC COM

Address: 2005 EVERGREEN ST STE 2010 Dept./Room/Suite/Floor

City: SACRAMENTO State: CA ZIP: 95815

2 Your Internal Billing Reference

3 To Recipient's Name: UCLA olympic Lab Phone:

Company: Dept Pathology and Lab medicine

Address: 2122 Granville Ave

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address: Use this line for the HOLD location address or for continuation of your shipping address.

City: Los Angeles State: CA ZIP: 90025

HOLD Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

HOLD Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.



8723 2626 5182

4a Express Package Service *To most locations. Packages up to 150 lbs.

FedEx Priority Overnight Next business morning. * Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Standard Overnight Next business afternoon. * Saturday Delivery NOT available.

FedEx First Overnight Earliest next business morning delivery to select locations.

FedEx 2Day Second business day. * Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Express Saver Next business afternoon. * Saturday Delivery NOT available.

EXP SAVER

4b Express Freight Service **To most locations. Packages over 150 lbs.

FedEx 1Day Freight Next business day. ** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx 1Day Freight Booking No.

FedEx 2Day Freight Second business day. ** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 3Day Freight Third business day. ** Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500.

FedEx Envelope * FedEx Pak* Includes FedEx Small Pak and FedEx Large Pak. FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery NOT available for FedEx Standard Overnight, FedEx Express Saver, or FedEx 3Day Freight.

No Signature Required Package may be left without obtaining a signature for delivery.

Direct Signature Someone at recipient's address may sign for delivery. Fee applies.

Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?
One box must be checked.

No Yes As per attached Shipper's Declaration. Yes Shipper's Declaration not required. Dry Ice Dry Ice, 5, UN 1845 _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. Cargo Aircraft Only

7 Payment Bill to:

Sender Acct. No. in Section 1 will be billed. Recipient Third Party Credit Card Cash/Check

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip. Acct. No.

Total Packages: 1 Total Weight: 12 lbs.

Charge Card Auth.

605

83

UCLA OLYMPIC ANALYTICAL LABORATORY
Anthony Butch, Ph.D, Director
2122 Granville Avenue, Los Angeles, CA 90025
PH (310) 825-2635 FAX (310) 206-9077

BATCH CHAIN OF CUSTODY

SHIPMENT RELEASED BY	TO	DATE/TIME	PURPOSE
<i>[Signature]</i> SIGNATURE - PRINT - COURIER	<i>Raul Torres</i> FILL OUT SECTION RIGHT BELOW	08-10-2010 9:50am	TRANSFER

Said shipment consists of:

Airbill # or Package Tracking # or description

Bags
N=

(Color)

868962381183 NFL *8-12-10*

870719015270 NFL *8-12-10*

872388723604 NFL *Rt 8/13/10*

869826017035 NC6 *AA 8/13/10*

869826331953 MBB *8/12/10*

868962381194 MBB *8-12-10*

872388186290 MBB *8/12/10*

872326265182 (CSAC) *8/13/10*

Boxes
N= *8*

Envelopes
N=

[other](explain: _____)

Integrity of the shipment is (check one):

undamaged damaged (describe: _____)

CIRCLE AND INITIAL NEXT TO THE AIRBILL # TO INDICATE THE BATCH.

After inspection, custody of the shipment/batch indicated on page #1 is as follows:

RELEASED BY	TO	DATE	PURPOSE
Raul Torres	REFRIGERATOR # 40	08-10-2010	STORAGE
REFRIGERATOR # 40	Eereshteh Delshad	08-13-2010	ACCESSIONING ALIQUOT A'S IN RM 118
	FREEZER # 42	08-13-2010	STORAGE

Batch specific information:

Client: CSAC Folder # 55 UCLA CODE: RKL

The number of A samples is: 8 number of B samples is: 8

The number of Athlete Signature Forms/Official Records is: 8

The number of Specimen Custody Documents (2624) is: _____

8-16-10

UCLA Olympic Analytical Laboratory

2487996

SAMPLE CUSTODY - DOCUMENTATION OF SEAL INTEGRITY

p 11

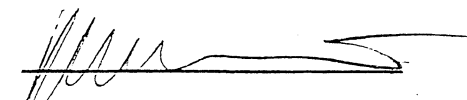
FOLDER: CSAC 55

LabCode	BottleNumber	A	B	If not intact, describe below
RKL01		0	0	
RKL02		0	0	
RKL03	2512278	X	X	
RKL04	2512279	X	X	
RKL05	2512280	X	X	
RKL06	2512281	X	X	
RKL07	2487993	X	X	
RKL08	2487995	X	X	
RKL09	2487996	X	X	
RKL10	2487997	X	X	
RKL11		0	0	

Verify by "X" that the custody of each specimen is intact. If not intact, record "No".
 Entries for internal QC are listed as "0".

The above samples were received in the condition stated above.

Signature



Farachah Dalchad

Date 8/13/2010

2811 10

86

UCLA Olympic Laboratory
Staff/Signature List

Receiving Chemist	Signature	Initials	Participated in analysis
Tope Akintunji		TA	✓
Albert Ambeguia		A.A	
Brian Bishop		BB	
Yvonne Chambers		YC	✓
Rebecca Chan		R	
Fereshteh Delshad		FD	✓
Nadiya Seleznova		NS	
Raul Torres		RT	✓
Assay Chemist			
Samira Ahantab		SA	✓
Yadira Bautista		YB	
Konstantin Belevich		BK	
Joey Espinosa		JE	✓
Lisette Fernandez		LF	✓
Ronald Gonzalez		RG	
Anabella Leung		AL	
Jeannie Lin		JL	
Annie Ramseyer		AR	
Victoria Robinson		VR	
Mihai Stoian		MS	
Yousif Wahida		YW	
Irina Yarema		IY	
Instrumentation Analyst			
Eric Ho		EH	
Martin Nocelotl		MN	
Lei-Ana Ruebe		LAR	✓
George Venegas		GV	✓
Analyst			
Zhenghe Dai		ZD	
Joe Ramnarain		JRR	✓
Lorna Reyes		LR	
Kathy Schramn		KS	✓
Borislav Starcevic		BS	
Shirley Taam		ST	
Confirmation Analyst			
Louise Laden		L	
Andrea Miller		AM	✓
Tatiana Sergeeva		TS	
Certifying Scientist			
Brian Ahrens		BA	✓
Anthony Butch		AB	
Yulia Kucherova		YK	
Sanja Starcevic		SS	✓

A" SAMPLE SCREENING DOCUMENTATION

SCREENING PROCEDURE FOR CONJUGATED STEROIDS-2

Extraction:

Urine volume	2.5 mL urine sample aliquot is centrifuged for 5 minutes at 1500 rpm.
Internal standards	20 μ L of methanol cocktail containing: d3-testosterone, d3-epitestosterone, d4-androsterone glucuronide, d5-etiocholanolone,
Buffer	Phosphate buffer (1 mL of 0.2M phosphate buffer at pH 7)
Enzyme	50 mL of E. coli Beta Glucuronidase are added to each aliquot.
Deconjugation	at 50 ⁰ C, for 1 hour.

Extraction after deconjugation is performed using a Zymark Rapid Trace Work Station

Column	Empore Extraction Disk Cartridge
	Conditioning: methanol (0.5 mL, 0.2mL/sec), and water (0.5 mL, 0.2 mL/sec)
	Rinsing: water (0.5 mL, 0.2 mL/sec), 10% methanol in water (0.5 mL, 0.2 mL/sec), hexane (0.5 mL, 0.2mL/sec)
	Drying: 3 min
Drying	Collection: ethyl acetate (2 x 1 mL. 0.0167 mL/sec each) under nitrogen at 65 ⁰ C for 20 minutes, then in desiccator over P2O5 for 30 minutes.

Derivatization: MSTFA/NH4I , 50 μ L, 15 min at 60⁰C

ANALYTICAL PARAMETERS (Method USADA09)

Instrument	HP 5975 GC-MS
Column	HP Ultra 1, 17 m, 0.2 mm ID, 0.11 μ m film thickness
Flow parameter	Carrier gas helium, flow rate 15 mL/min
Injection	Autosampler HP7683A, split ratio 1:10, 2 μ L, the temperature of the injection port 280 ⁰ C.
Oven program	Initial temperature 180 ⁰ C, 3 ⁰ C/min to 230 ⁰ C, 40 ⁰ C/min to 310 ⁰ C, 2 min.
MSD parameters	SIM mode

Chain of Custody for the work-up is as follows:

Note: Each name must be printed at least once on this page.

RELEASED BY:	TO:	DATE:	PURPOSE:
Refrigerator #12	Samira Ahaniab	AUG 13 2010	Begin Assay
	Incubator	AUG 13 2010	Incubation
Incubator		AUG 13 2010	Continue Assay
	Zymark Rapid Trace	AUG 13 2010	Extraction
Zymark Rapid Trace		AUG 14 2010	Continue Assay
	Zymark Dryer	AUG 14 2010	Drying
Zymark Dryer		AUG 14 2010	Continue Assay
	Desiccator	AUG 14 2010	Desiccation
Desiccator	George Venedas	08-16-2010	DERIVATIZATION
	Sample Storage Shelf	08-16-2010	STORAGE
Sample Storage Shelf	Lei-Ana Rube	08-17-2010	TRANSFER
	AUTOSAMPLER MSDA	08-17-2010	Analysis, Then Storage
AUTOSAMPLER MSDA 16		08-19-2010	TRANSFER
	Sample Storage Shelf	08-19-2010	STORAGE

DA 10/4/10
al

>>> Analysis Report <<<

Sample Name : RKL
 Miscellaneous: WU:A 2.5 mL NH4I
 Analysis Time: 18 Aug 2010 21:11
 Method File : NUSADA.M

Data File: RKL02.D
 Equipment # : MSDA16
 ALS Bottle # : 85

Compound	RT	RRT	Peak Height	Conc. (ng/mL)
[d3]Testosterone--435	13.435	1.000	65768	48.0
Testosterone--432	13.481	1.003	37586	27.4
11-OH-Andro--522	13.846	1.031	134284	470.1
11-OH-Etio--522	14.097	1.049	47917	198.2
11-Ketoetio--448	12.941	0.963	2753	404.1
5b-Pregnanediol--117	15.837	1.179	281753	120.0
DHEA--432	12.095	0.900	5676	14.9
[d3]Epitestosterone--435	12.578	0.936	11720	8.0
Epitestosterone--432	12.627	0.940	19898	13.6
[d4]Androsterone--438	10.689	0.796	445806 A	250.0
Androsterone--434	10.750	0.800	1941547 A	1088.8
Mono-Androsterone--272	9.301	0.692	2162	
[d5]Etiocholanolone--439	10.857	0.808	475494 A	250.0
Etiocholanolone--434	10.943	0.815	1129008 A	593.6
5a-DHT--434	12.844	0.956	613	2.3
5a-3a,17B-diol--241	11.100	0.826	11593	23.6
5b-3a,17B-diol--241	11.239	0.837	15416	33.9
5a-Adione--275	0.000	0.000	0	40.0
5b-Adione--275	9.445	0.703	0	0.0

>> QC TIME RANGE FOUND <<
 TEST-EPIT 0.8250-0.9150 0.8543

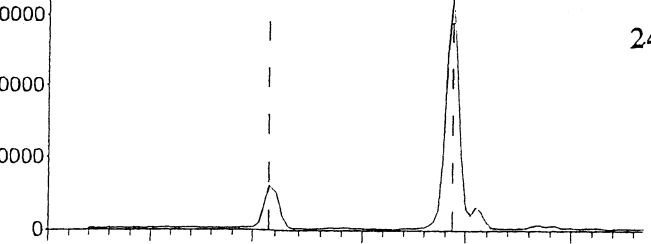
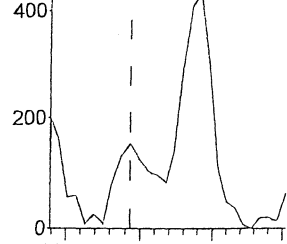
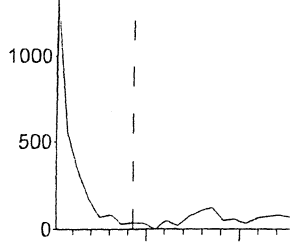
>> RATIOS (CUT OFF VALUE) AND QUANTIFICATION <<

TESTOSTERONE	/	EPITESTOSTERONE (4)	2.02
ANDROSTERONE	/	ETIOCHOLANOLONE (3)	1.4
OH-ANDROSTERONE	/	OH-ETIOCHOLANOLONE	2.8
ANDROSTERONE	/	EPITESTOSTERONE	22.0
MONO-ANDROSTERONE	/	DI-ANDROSTERONE (5)	0.5 %
DHT	/	EPITESTOSTERONE (1.8)	0.2
5a-A-3a,17B-DIOL	/	EPITESTOSTERONE (10)	1.7
5a-A-3a,17B-DIOL	/	5b-A-3a,17B-DIOL (3)	0.7
D4-Andro-gluc	/	D5-Etio (0.7 - 1.2)	0.9
D0-Testosterone	/	D3-Testosterone	0.6

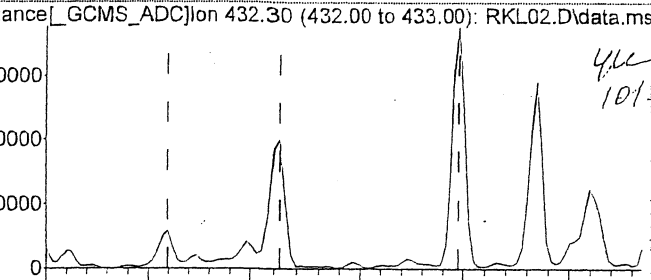
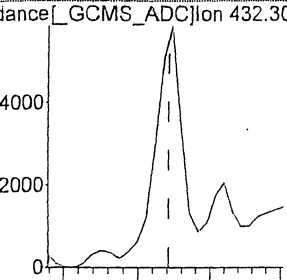
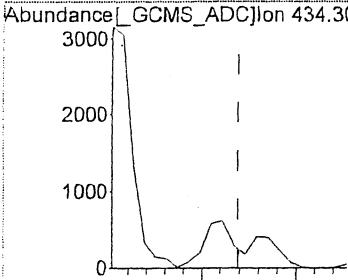
ad

[d3] & [d0] DHT [d5] & [d0] DHEA IS / T & E / OHA & OHE

Abundance [GCMS_ADC] Ion 437.30 Abundance [GCMS_ADC] Ion 437.30 Abundance [GCMS_ADC] Ion 435.30 (435.00 to 436.00): RKL02.D\data.ms

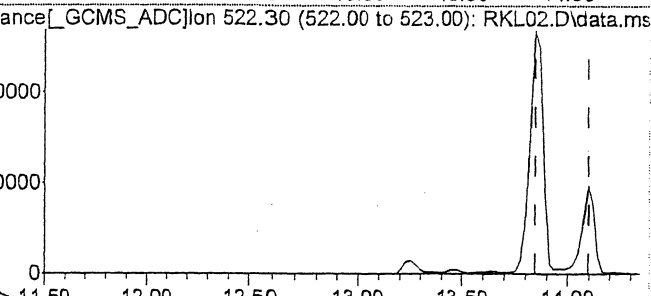
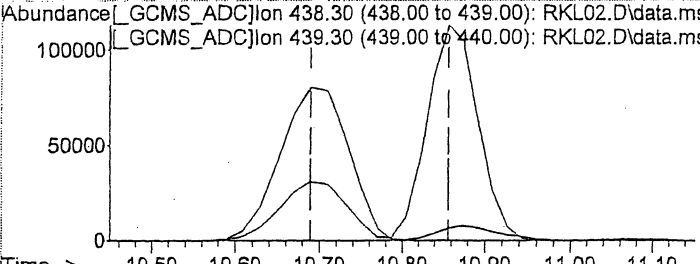


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p 17



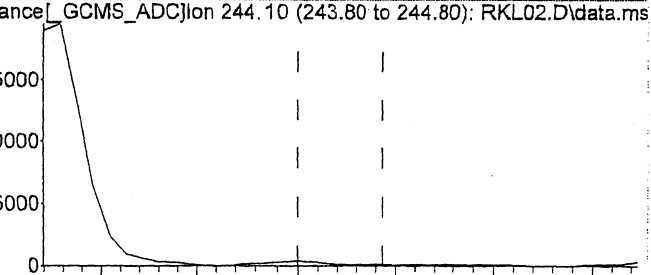
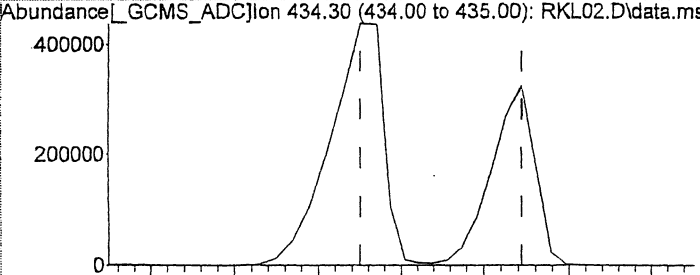
4.6
10/5/10

[d4] AG / [d5] Etio



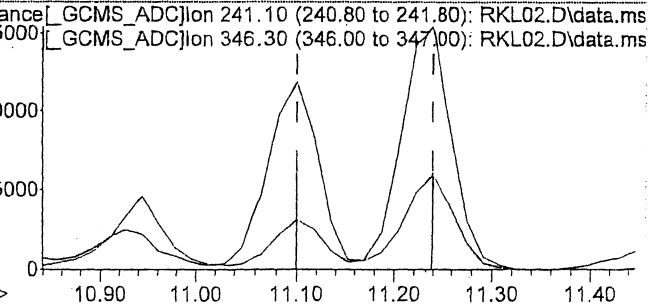
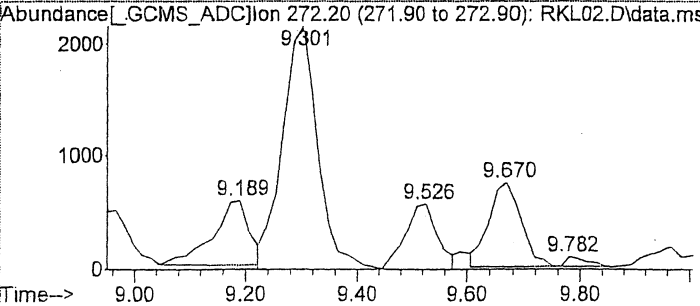
ANDROSTERONE & ETIOCHOLANOLONE

[d3] 5a & [d3] 5b-Androstan-3a,17B-diols



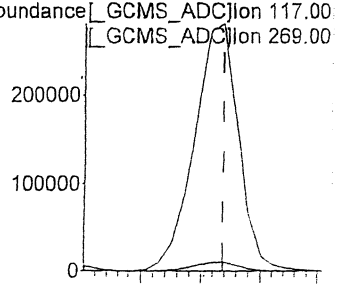
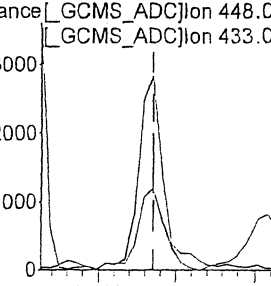
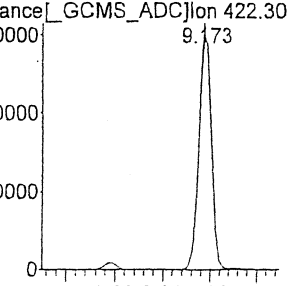
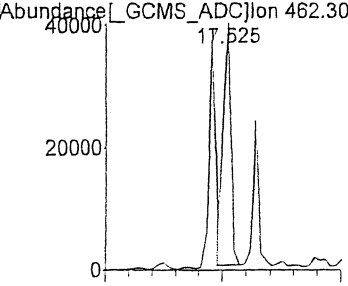
ANDROSTERONE, Mono-TMS

5a & 5b-Androstan-3a,17B-diols



CORTISOL METAB VITAMIN E METAB

11-keto-ETIO 5b-PREGNANEDIOL



CAL Used for this Sample: RKL01.D

a3

>>> Calibrator (CAL) Analysis Report <<<

Sample Name : RKL
 Miscellaneous: WU:A 2.5 mL NH4I
 Analysis Time: 18 Aug 2010 20:36
 Method File : NUSADA.M

Data File: RKL01.D
 Equipment # : MSDA16
 ALS Bottle # : 84

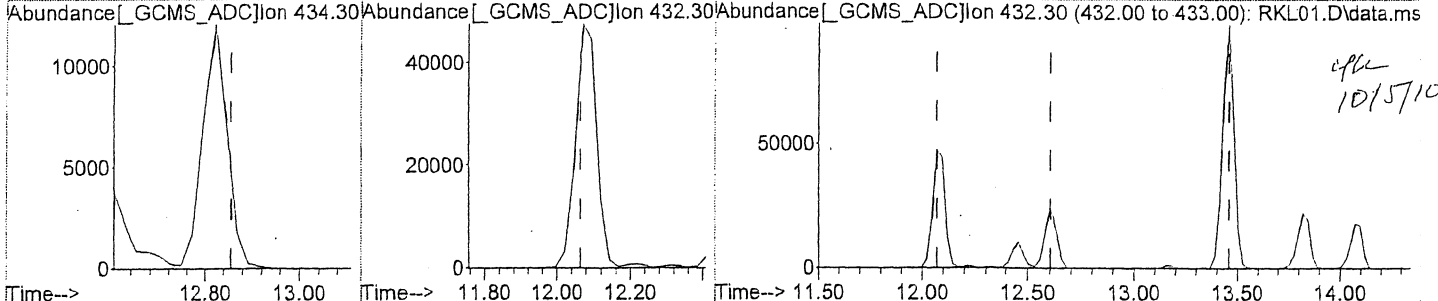
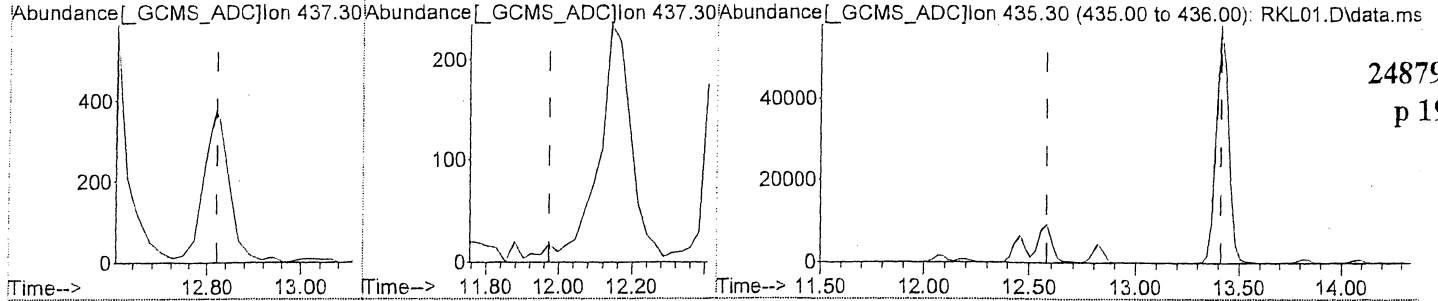
Compound	RT	RRT	Peak Height	Conc. (ng/mL)
[d3]Testosterone--435	13.412	1.000	58696	48.0
Testosterone--432	13.458	1.003	98575	80.6
11-OH-Andro--522	13.846	1.032	101979	400.0
11-OH-Etio--522	14.097	1.051	86324	400.0
11-Ketoetio--448	12.917	0.963	608	100.0
5b-Pregnanediol--117	15.794	1.178	209460	100.0
DHEA--432	12.070	0.900	47520	140.0
[d3]Epitestosterone--435	12.578	0.938	9243	8.0
Epitestosterone--432	12.602	0.940	25767	22.3
[d4]Androsterone--438	10.709	0.798	453556 A	250.0
Androsterone--434	10.770	0.803	3337717 A	1839.7
Mono-Androsterone--272	9.285	0.692	2639	
[d5]Etiocholanolone--439	10.874	0.811	391688 A	250.0
Etiocholanolone--434	10.978	0.819	3278546 A	2092.6
5a-DHT--434	12.820	0.956	11959	50.0
5a-3a,17B-diol--241	11.100	0.828	43799	100.0
5b-3a,17B-diol--241	11.239	0.838	40576	100.0
5a-Adione--275	0.000	0.000	0	40.0
5b-Adione--275	9.381	0.699	15580	40.0

>> QC TIME RANGE FOUND <<
 TEST-EPIT 0.8250-0.9150 0.8556

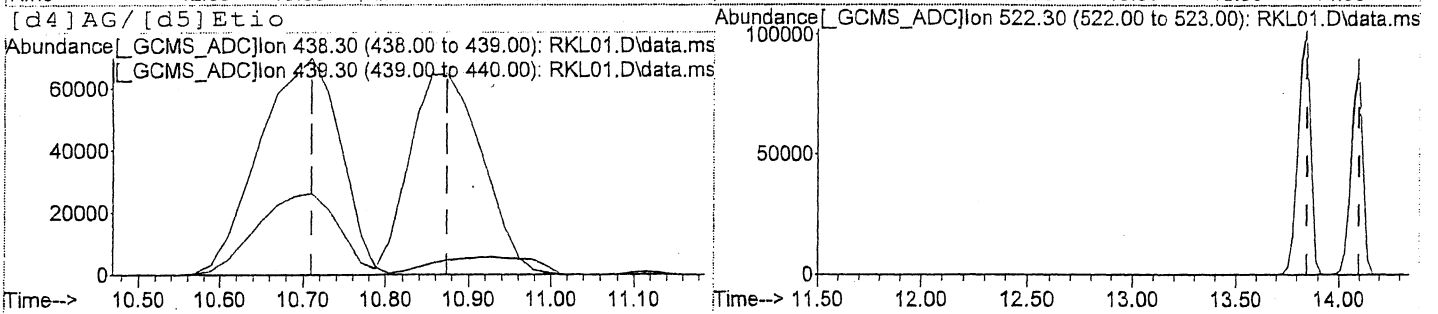
>> RATIOS (CUT OFF VALUE) AND QUANTIFICATION <<

TESTOSTERONE	/	EPITESTOSTERONE (4)	3.61
ANDROSTERONE	/	ETIOCHOLANOLONE (3)	1.0
OH-ANDROSTERONE	/	OH-ETIOCHOLANOLONE	1.2
ANDROSTERONE	/	EPITESTOSTERONE	28.9
MONO-ANDROSTERONE	/	DI-ANDROSTERONE (5)	0.4 %
DHT	/	EPITESTOSTERONE (1.8)	*** 2.2
5a-A-3a,17B-DIOL	/	EPITESTOSTERONE (10)	4.5
5a-A-3a,17B-DIOL	/	5b-A-3a,17B-DIOL (3)	1.0
D4-Andro-gluc	/	D5-Etio (0.7 - 1.2)	1.2
D0-Testosterone	/	D3-Testosterone	1.7

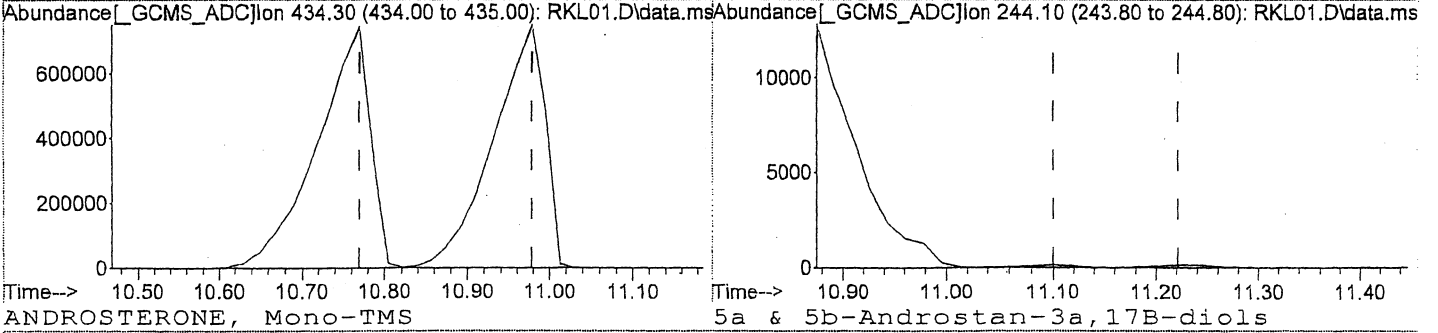
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p 19



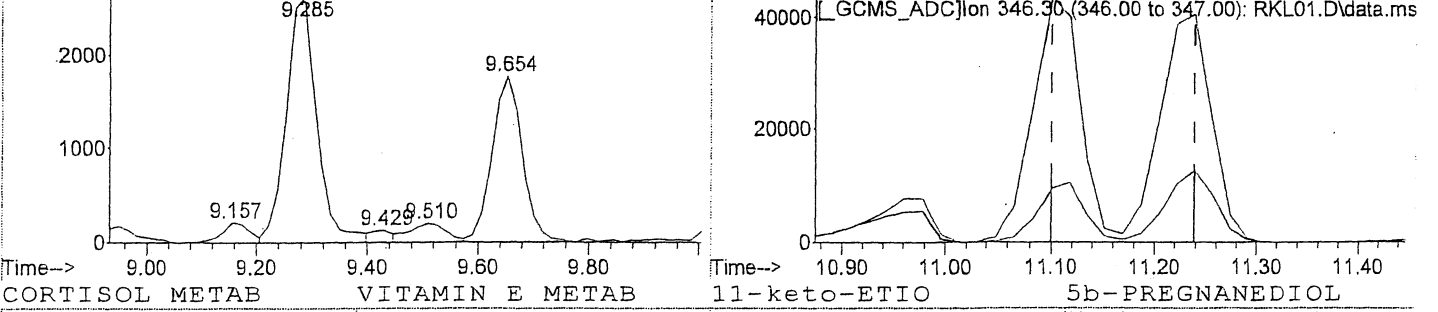
off
10/5/10



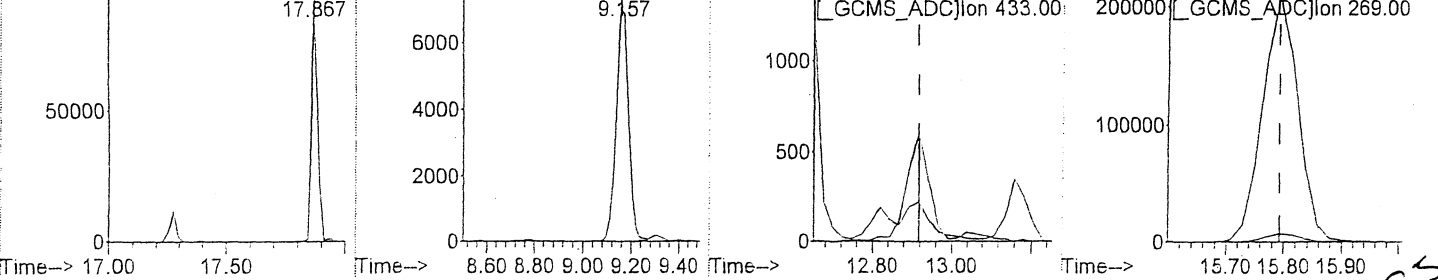
[d4] AG / [d5] Etio Abundance[_GCMS_ADC] Ion 522.30 (522.00 to 523.00): RKL01.D\data.ms



Abundance[_GCMS_ADC] Ion 434.30 (434.00 to 435.00): RKL01.D\data.ms Abundance[_GCMS_ADC] Ion 244.10 (243.80 to 244.80): RKL01.D\data.ms



Abundance[_GCMS_ADC] Ion 272.20 (271.90 to 272.90): RKL01.D\data.ms Abundance[_GCMS_ADC] Ion 241.10 (240.80 to 241.80): RKL01.D\data.ms



Abundance[_GCMS_ADC] Ion 462.30 Abundance[_GCMS_ADC] Ion 422.30 Abundance[_GCMS_ADC] Ion 448.00 Abundance[_GCMS_ADC] Ion 117.00
 Abundance[_GCMS_ADC] Ion 433.00 Abundance[_GCMS_ADC] Ion 269.00

as

>>> Analysis Report <<<

Sample Name : RKL
 Miscellaneous: WU:A 2.5 mL NH4I
 Analysis Time: 19 Aug 2010 00:03
 Method File : NUSADA.M

Data File: RKL09.D
 Equipment # : MSDA16
 ALS Bottle # : 92

Compound	RT	RRT	Peak Height	Conc. (ng/mL)
[d3]Testosterone--435	13.504	1.000	41496	48.0
Testosterone--432	13.549	1.003	159942	185.0
11-OH-Andro--522	14.029	1.039	602486	3342.7
11-OH-Etio--522	14.257	1.056	357996	2346.4
11-Ketoetio--448	13.014	0.964	42548	9898.7
5b-Pregnanediol--117	15.665	1.160	16423	11.1
DHEA--432	12.167	0.901	29030	121.0
[d3]Epitestosterone--435	12.675	0.939	9394	8.0
Epitestosterone--432	12.699	0.940	17390	14.8
[d4]Androsterone--438	10.891	0.807	575016 A	250.0
Androsterone--434	11.013	0.816	18250736 A	7934.9
Mono-Androsterone--272	9.366	0.694	27960	
[d5]Etiocholanolone--439	11.048	0.818	443432, 111229 A	250.0
Etiocholanolone--434	11.256	0.834	18303697 A	41139.7
5a-DHT--434	12.917	0.957	5322	10319.3 31.5
5a-3a,17B-diol--241	11.308	0.837	88374	285.4
5b-3a,17B-diol--241	11.413	0.845	212057	739.2
5a-Adione--275	0.000	0.000	0	0.0
5b-Adione--275	9.462	0.701	0	0.0

4/6 10/5/10

>> QC TIME RANGE FOUND <<
 TEST-EPIT 0.8250-0.9150 0.8502

>> RATIOS (CUT OFF VALUE) AND QUANTIFICATION <<

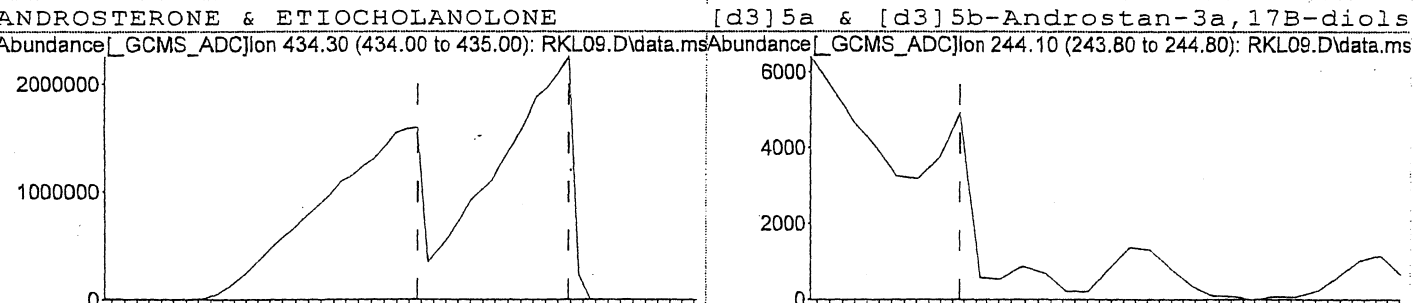
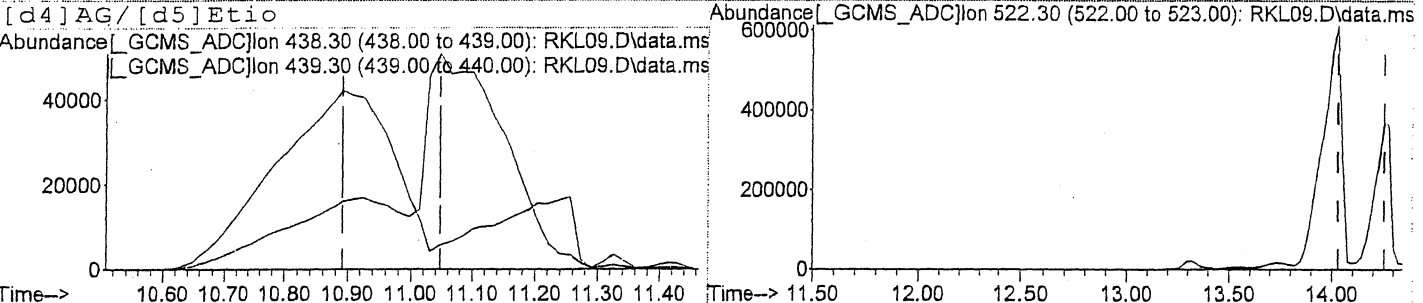
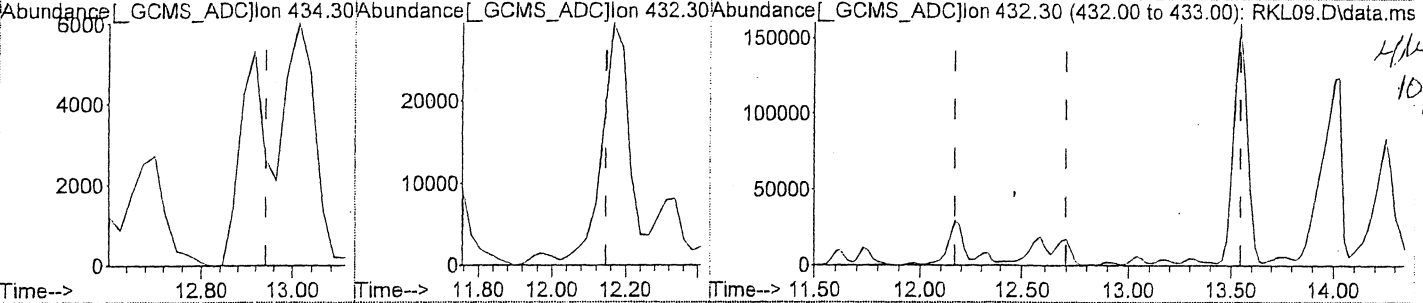
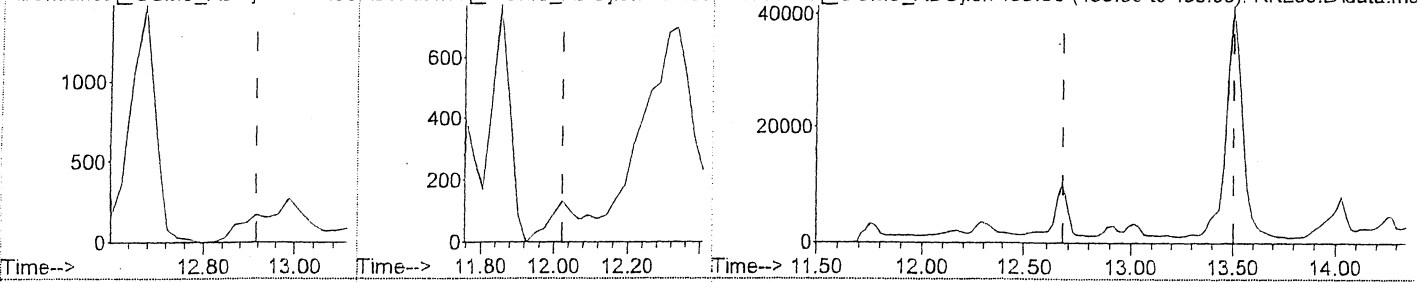
TESTOSTERONE / EPITESTOSTERONE (4)	*** 12.49
ANDROSTERONE / ETIOCHOLANOLONE (3)	0.7
OH-ANDROSTERONE / OH-ETIOCHOLANOLONE	1.7
ANDROSTERONE / EPITESTOSTERONE	91.6
MONO-ANDROSTERONE / DI-ANDROSTERONE (5)	1.8 %
DHT / EPITESTOSTERONE (1.8)	*** 2.1
5a-A-3a,17B-DIOL / EPITESTOSTERONE (10)	*** 19.3
5a-A-3a,17B-DIOL / 5b-A-3a,17B-DIOL (3)	0.4
D4-Andro-gluc / D5-Etio (0.7 - 1.2)	*** 5.2
D0-Testosterone / D3-Testosterone	3.9

!!
 !! The T/E Ratio for this sample is greater than 4 !!
 !! The Etio Concentration for this sample is above 10000 ng/mL !!
 !!!

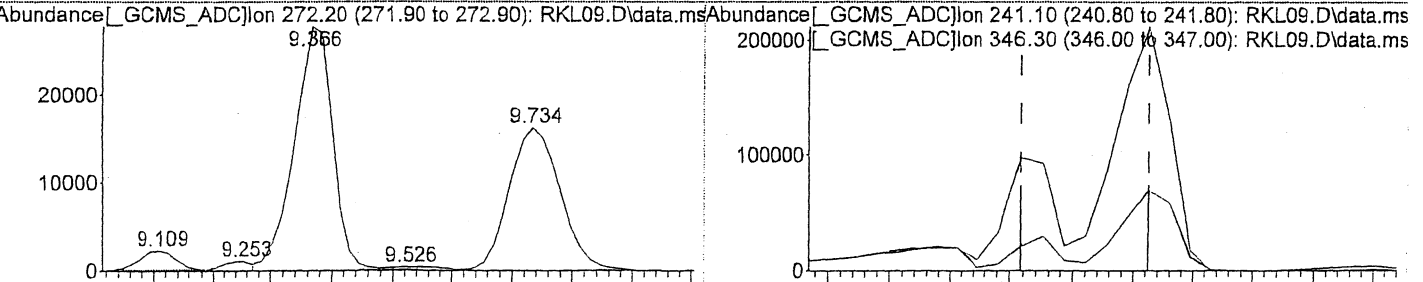
pi, 10/5/10 ap

[d3] & [d0] DHT [d5] & [d0] DHEA IS / T & E / OHA & OHE

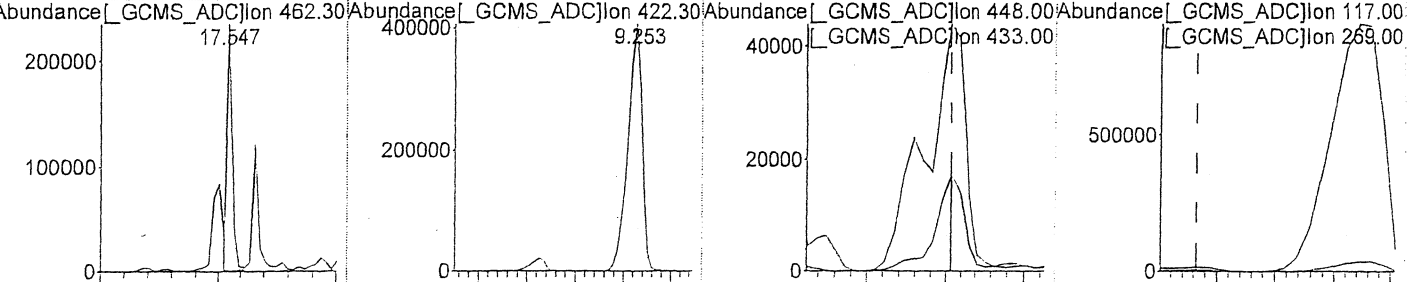
Abundance_GCMS_ADC]lon 437.30 Abundance_GCMS_ADC]lon 437.30 Abundance_GCMS_ADC]lon 435.30 (435.00 to 436.00): RKL09.D\data.ms



ANDROSTERONE & ETIOCHOLANOLONE [d3] 5a & [d3] 5b-Androstan-3a,17B-diols



CORTISOL METAB VITAMIN E METAB 11-keto-ETIO 5b-PREGNANEDIOL



Time--> 17.00 17.50 8.60 8.80 9.00 9.20 9.40 12.80 13.00 15.70 15.80 15.90

at

“A” SAMPLE CONFIRMATION DOCUMENTATION

QUANTITATIVE PROCEDURE FOR TESTOSTERONE to EPITESTOSTERONE RATIO CONFIRMATION

Extraction:

Urine volume	2.5 to 5mL urine sample aliquots (three replicates)
Standard Curve:	Unextracted calibrators spiked for Testosterone and Epitestosterone ratio of 6:1 (three replicates of each)
Quality Controls:	Certified negative urine (Neg QC) and steroid free certified negative urine spiked with T/E ratio greater than 6:1 (POS QC)
Internal standard:	d4-19-Norandrosterone
Column	Varian Bond Elut C18, elution with methanol
Buffer	Phosphate buffer (1mL of 0.2M phosphate buffer at pH 7)
Free Fraction extraction:	pentane (5mL), separate tubes
Conjugated Fraction:	
Enzyme	50 μ L of <i>E. coli</i> Beta Glucuronidase are added to each aliquot
Deconjugation	1 hour at 50 ⁰ C
Extraction	pentane
Drying (separate fractions)	under nitrogen at 65 ⁰ C for 20 minutes, then in desiccator over P ₂ O ₅ for 60 minutes
Derivatization:	MSTFA/NH ₄ I, 50 μ L, 15 min at 60 ⁰ C

ANALYTICAL PARAMETERS

Instrument	HP 5973 GC-MS
Column	HP Ultra-1, 17m, 0.2mm ID, 0.11 μ m film thickness
Flow parameter	Carrier gas helium, flow rate 15 mL/min
Injection	Autosampler HP7683A, 2 μ L, split ratio 10:1, injection port temperature 280 ⁰ C
Oven program	Initial temperature 180 ⁰ C, 3 ⁰ C /min to 220 ⁰ C, 40 ⁰ C /min to 310 ⁰ C, 2 min.
MSD parameters	TESIM08-SIM mode

STATISTICAL ANALYSIS, CALIBRATION CURVE AND QUANTIFICATION

The relative peak heights of Testosterone TMS to Epitestosterone TMS for the sample are compared to those of the calibrator at the cut-off value, using the Student's t-test. This comparison is done using the data of the three replicate in the sample and the CAL. This test requires a determination of whether or not the variances of the samples and CALs are equal or unequal. The statistical program generates a p value for the null hypothesis that the variances are equal. The decision regarding whether or not to report the case positive is based on the t-test and the associated value of p. If the p value for the comparison of the CALs to the sample is 0.01 or less, the case is reported positive. In the case that this p value is greater than 0.01, the sample is reported negative.

Expanded uncertainty is established by monitoring T/E positive control (QC) performance after QC pool is prepared.

$U = 2 \times \text{standard deviation of QC for } k = 2 \text{ (95\% confidence level)}$.

**CHAIN OF CUSTODY DOCUMENTATION
FOR BOTTLE(S)**

2487996
p 24

Circle: BOTTLE(S)

CSAC

A OR B

CSAC


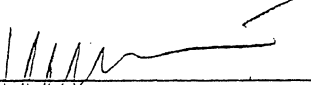
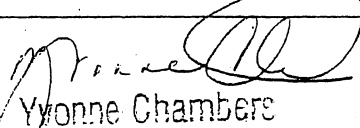
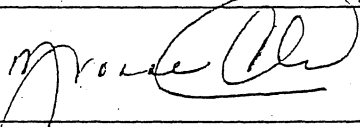
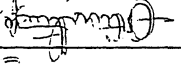
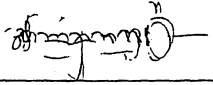
55

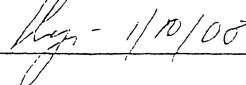
Organization: _____ UCLA folder no. _____

If batch, UCLA Lab Code: _____

Bottle no. 2487996 UCLA code no. RKL09

IT IS REQUIRED TO PRINT EACH NAME AT LEAST ONCE ON THIS PAGE

Released by:	To:	Date	Purpose:
FREEZER # 42	 Fereshteh Delshad	08-27-2010	Aliquot Confirmation
	Positive Freezer # 1	08-27-2010	STORAGE
Positive Freezer # 1	 Yvonne Chambers	09-01-2010	Aliquot Confirmation
	Positive Freezer # 1	09-01-2010	STORAGE
Positive Freezer # 1	Topo Akintunji 	SEP 07 2010	IRMS Aliquot Confirmation
	Positive Freezer # 1	SEP 07 2010	STORAGE

Reviewed *Qualito* From Approved by:  1/10/08

Reviewed BR 9/2/10

101

CHAIN OF CUSTODY DOCUMENTATION
FOR CONFIRMATION ALIQUOT(S)

2487996
p 25

Circle: ALIQUOT(S)

A OR B

Organization: CSAC UCLA folder no. CSAC 55

Bottle no. 2487996 UCLA code no: RKL 09

If multiple replicate aliquots indicate here N = 3

Substance: TE 74

IT IS REQUIRED TO PRINT EACH NAME AT LEAST ONCE ON THIS PAGE

Released by:	To:	Date	Purpose:
<i>[Signature]</i> Fereshteh Delshad	REFRIGERATOR #12	08-27-2010	STORAGE
Refrigerator #12	Joseph Espinosa <i>[Signature]</i>	AUG 27 2010	Begin Assay
<i>[Signature]</i>	Zymark Dryer	08-27-2010	Drying
Zymark Dryer	<i>[Signature]</i>	08-27-2010	Continous Assay
<i>[Signature]</i>	Incubator	08-27-2010	Incubation
Incubator	<i>[Signature]</i>	AUG 27 2010	Continous Assay
<i>[Signature]</i>	Zymark Dryer	AUG 27 2010	Drying
Zymark Dryer	<i>[Signature]</i>	08-27-2010	Continous Assay
<i>[Signature]</i>	Desiccator	08-27-2010	Desiccation
Desiccator	Joe Ramnarain <i>[Signature]</i>	8/27/10	TRANSFER
<i>[Signature]</i>	Heating Block	8/27/10	DERIVATIZATION

From Approved by: SS, 314109

Revised BA 9/2/10

IT IS REQUIRED TO PRINT EACH NAME AT LEAST ONCE ON THIS PAGE

Released by:	To:	Date	Purpose
Heating Block	Joe Ramnarain <i>Joe</i>	8/27/10	TRANSFER
<i>Joe</i>	AUTOSAMPLER MSDA 16	8/27/10	Analysis, Then Storage
AUTOSAMPLER MSDA 16	Joe Ramnarain <i>Joe</i>	08-30-2010	TRANSFER
<i>Joe</i>	AUTOSAMPLER MSDA 21	08-30-2010	Analysis, Then Storage
AUTOSAMPLER MSDA 21	Andrea Miller <i>AM</i>	08-31-2010	08-31-2010 TRANSFER <i>AM</i>
<i>AM</i>	Sample Storage Shelf	08-31-2010	08-31-2010 STORAGE <i>AM</i>
			DISCARD by <i>AM 9/9/10</i>
<i>AM 9/9/10</i>			

Reviewed BA 9/2/10

Sequence Name: K:\seq\aa\confirm\RKLTEAN.S
Comment: T/E 'A' CONFIRMATION
Operator:

2487996
p 27

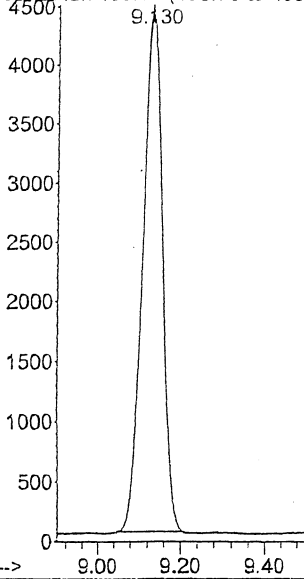
Data Path: K:\CHEM\AAS\CONFIRM\MSDA21\
Instrument Control Pre-Seq Cmd:
Instrument Control Post-Seq Cmd:
Method Sections To Run On A Barcode Mismatch
(X) Full Method (X) Inject Anyway
() Reprocessing Only () Don't Inject

Sequence file approved by (INITIALS/DATE): 8/31/10
CPU Time clock verified on PC by (INITIALS/DATE): JRR 8/30/10
GC/MS Autosampler loaded by (INITIALS/DATE): JRR 8/30/10
GC/MS Autosampler unloaded by (INITIALS/DATE): 8/31/10

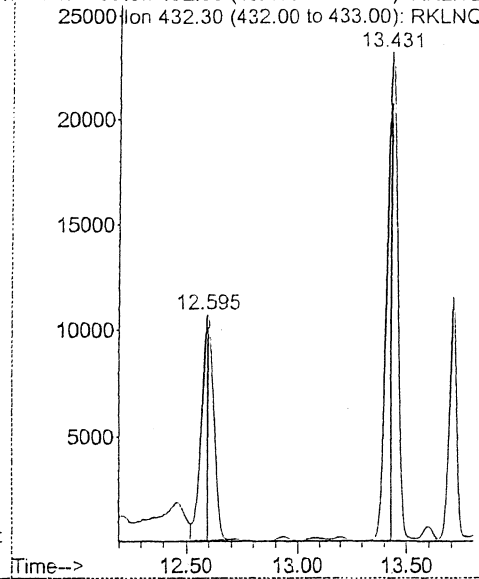
Line Type Vial DataFile Method Sample Name
1) MethPath - C:\MSDCHEM\1\METHODS\
2) DataPath - K:\CHEM\AAS\CONFIRM\MSDA21\
3) BatchRep - no
4) Overwrit - NO
5) Go_Sub - BAKE
6) Sample 33 RKLTE1N TESIM08 TE 4:1 STANDARD
7) Go_Sub - BAKE
8) Sample 34 RKLQONAC TESIM08 TE POS QC, CONJ T
9) Sample 35 RKLQONAF TESIM08 TE POS QC, FREE T
10) Go_Sub - BAKE
11) Sample 36 RKLQONAC TESIM08 TE NEG QC, CONJ T
12) Sample 37 RKLQONAF TESIM08 TE NEG QC, FREE T
13) Sample 38 RKL09NCN TESIM08 RKL09-1 'A' CONF, CONJ T
14) Sample 39 RKL09NFN TESIM08 RKL09-1 'A' CONF, FREE T
15) Go_Sub - BAKE
16) Sample 40 RKLTE2N TESIM08 TE 4:1 STANDARD
17) Go_Sub - BAKE
18) Sample 41 RKL09OCN TESIM08 RKL09-2 'A' CONF, CONJ T
19) Sample 42 RKL09OFN TESIM08 RKL09-2 'A' CONF, FREE T
20) Go_Sub - BAKE
21) Sample 43 RKLTE3N TESIM08 TE 4:1 STANDARD
22) Go_Sub - BAKE
23) Sample 45 RKL09PCN TESIM08 RKL09-3 'A' CONF, CONJ T
24) Sample 46 RKL09PFN TESIM08 RKL09-3 'A' CONF, FREE T
25) Go_Sub - BAKE
26) End
27) Label - BAKE
28) OverWrit - YES
29) Blank 69 BAKE9 BAKE EtOAC WASH
30) OverWrit - NO
31) Return

100

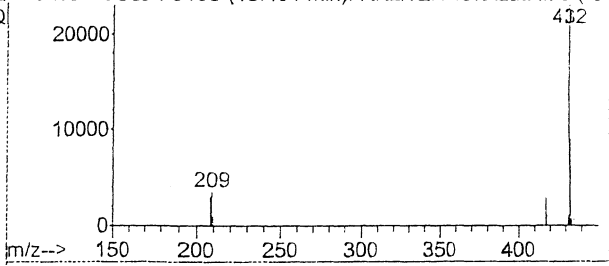
Abundance Ion 409.00 (408.70 to 409.70): RKLQNAC.D



Abundance Ion 432.30 (432.00 to 433.00): RKLQNAC.D



Abundance Scan 3138 (13.431 min): RKLQNAC.D\data.ms (-3)



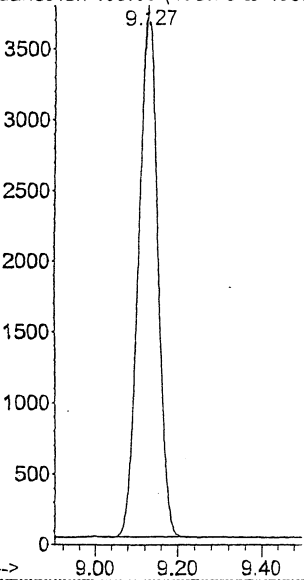
M/Z	REL%	ABS	T/E
209	15	3505	
417	13	2886	
432	100	23069	2.17

Compound	RT	Height
d4-19-norandro	9.130	4447
Testosterone	13.431	23120
Epitestosterone	12.595	10640

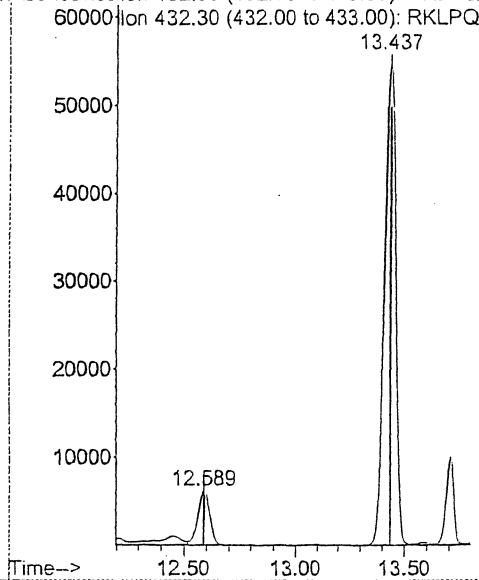
Datafile: RKLQNAC.D MSDA21

31 AUG 2010 00:16

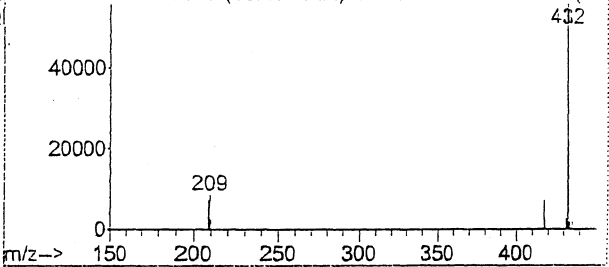
Abundance Ion 409.00 (408.70 to 409.70): RKLQNAC.D



Abundance Ion 432.30 (432.00 to 433.00): RKLQNAC.D



Abundance Scan 3139 (13.437 min): RKLQNAC.D\data.ms (-3)



M/Z	REL%	ABS	T/E
209	15	8566	
417	13	7079	
432	100	55653	9.02

Compound	RT	Height
d4-19-norandro	9.127	3746
Testosterone	13.437	55674
Epitestosterone	12.589	6169

BA 9/2/10

UCLA OLYMPIC ANALYTICAL LABORATORY
T/E Analysis Report

2487996

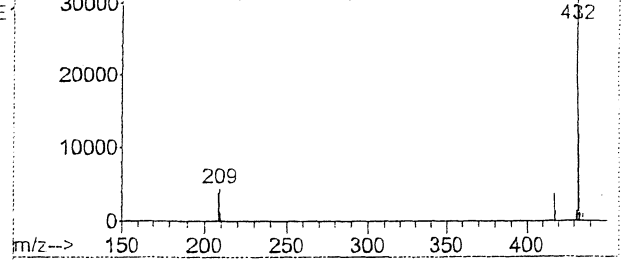
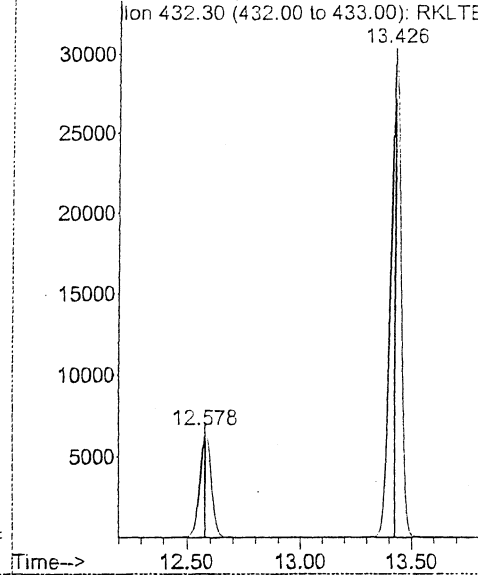
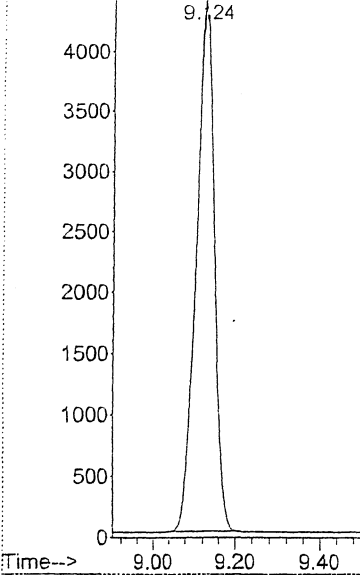
p 29

Analyst *[Signature]*

Date *8/31/10*

Datafile: RKLTE1N.D MSDA21 30 AUG 2010 23:47

Abundance Ion 409.00 (408.70 to 409.7) Abundance Ion 432.30 (432.00 to 433.00): RKLTE1N.D\data.ms (-311)

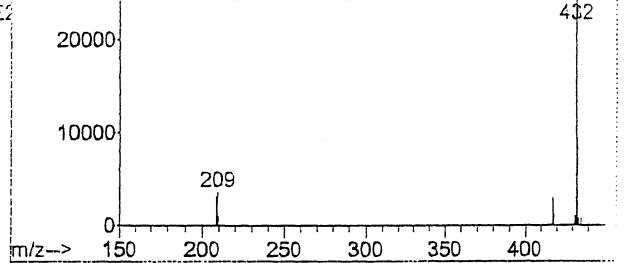
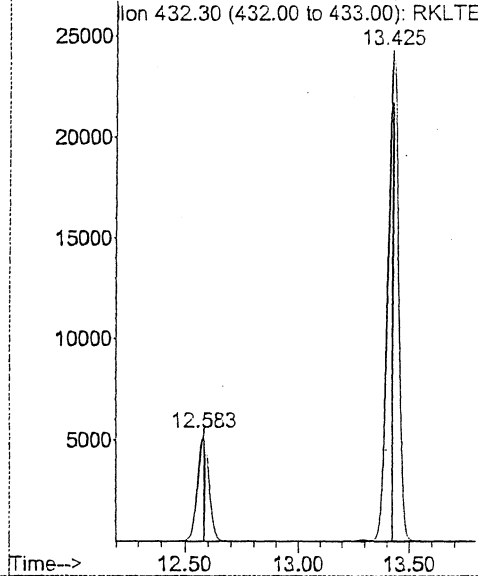
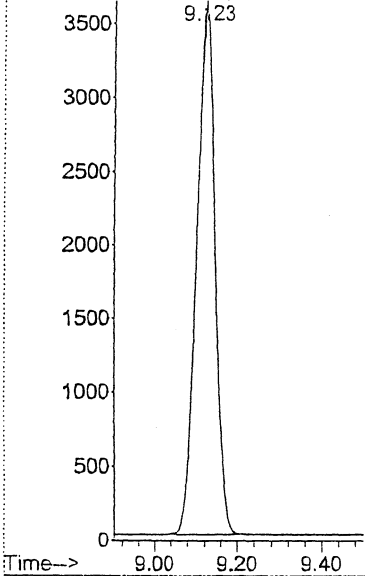


M/Z	REL%	ABS	T/E
209	15	4451	
417	12	3718	
432	100	30327	4.62

Compound	RT	Height
d4-19-norandro	9.124	4395
Testosterone	13.426	30333
Epitestosterone	12.578	6572

Datafile: RKLTE2N.D MSDA21 31 AUG 2010 2:25

Abundance Ion 409.00 (408.70 to 409.7) Abundance Ion 432.30 (432.00 to 433.00): RKLTE2N.D\data.ms (-312)

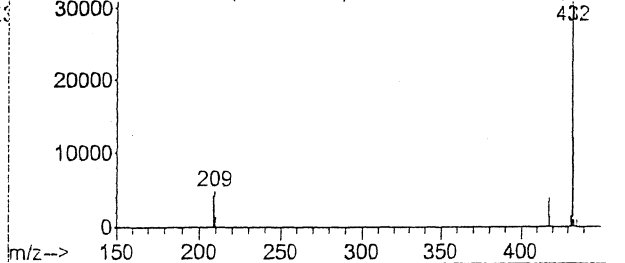
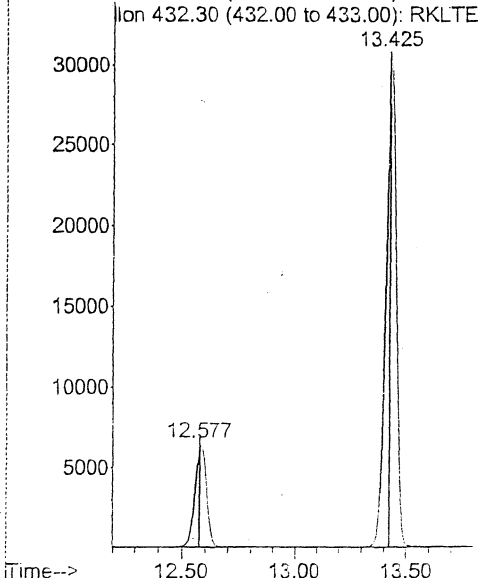
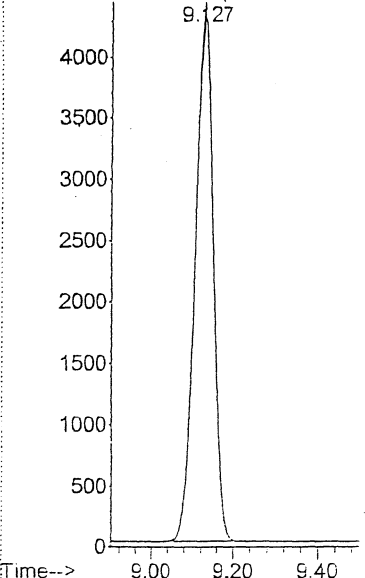


M/Z	REL%	ABS	T/E
209	15	3627	
417	12	2952	
432	100	24204	4.57

Compound	RT	Height
d4-19-norandro	9.123	3608
Testosterone	13.425	24252
Epitestosterone	12.583	5312

Datafile: RKLTE3N.D MSDA21 31 AUG 2010 3:41

Abundance Ion 409.00 (408.70 to 409.7) Abundance Ion 432.30 (432.00 to 433.00): RKLTE3N.D\data.ms (-311)

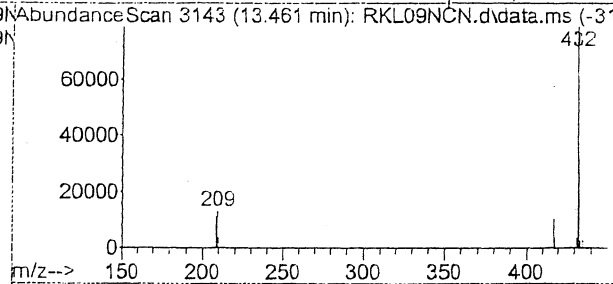
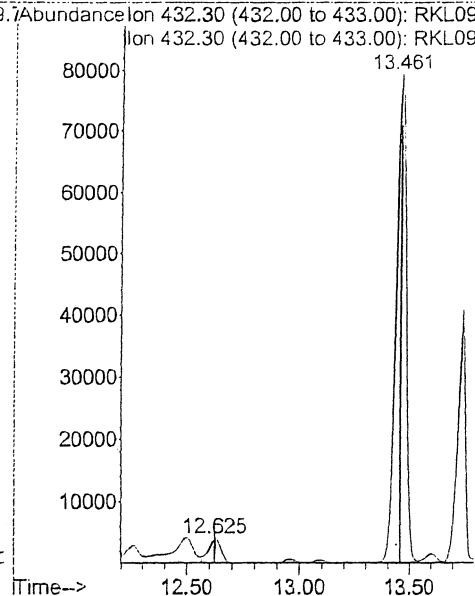
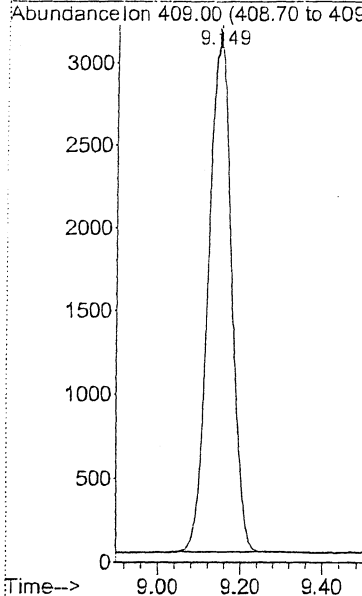


M/Z	REL%	ABS	T/E
209	16	4860	
417	13	3866	
432	100	30855	4.74

Compound	RT	Height
d4-19-norandro	9.127	4422
Testosterone	13.425	30860
Epitestosterone	12.577	6513

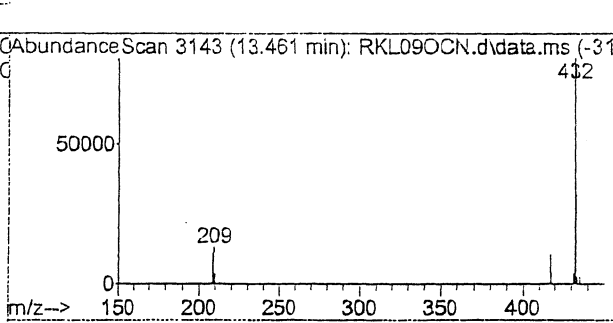
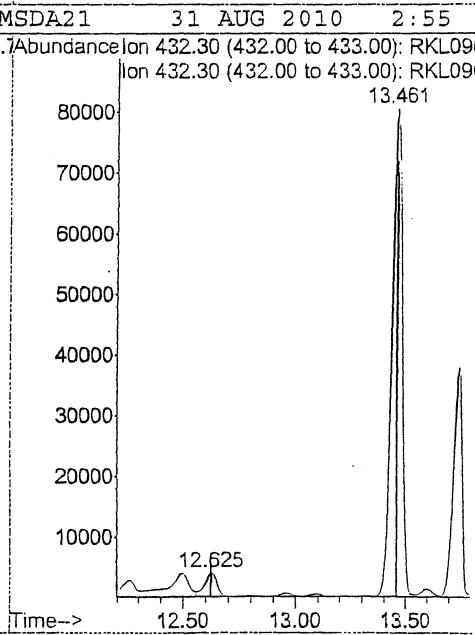
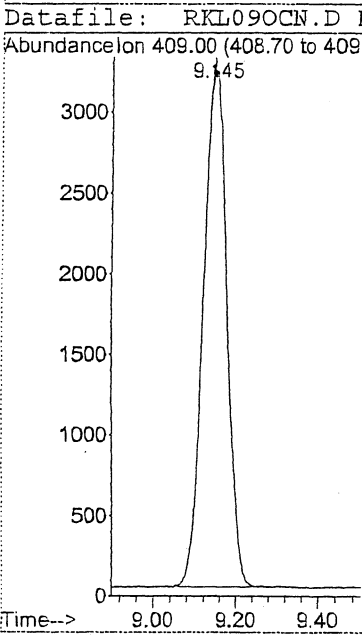
PA 9/2/10

101



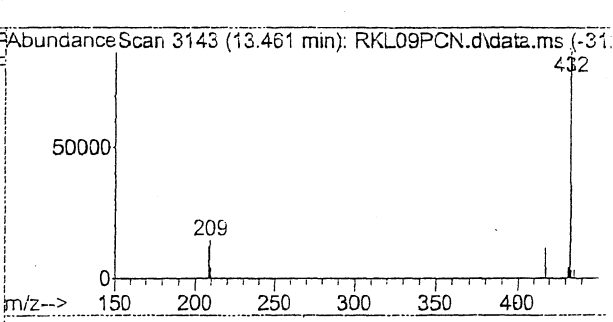
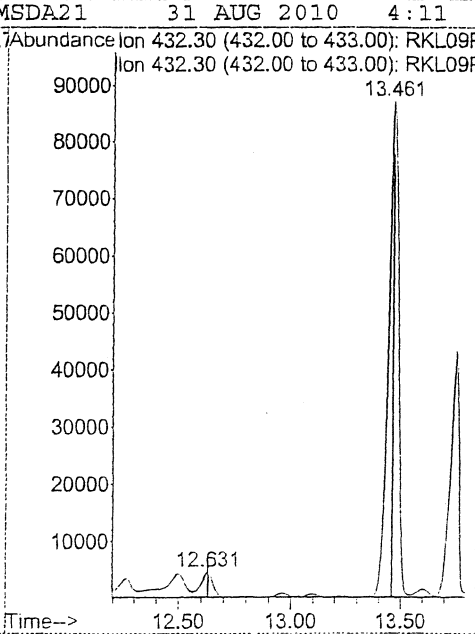
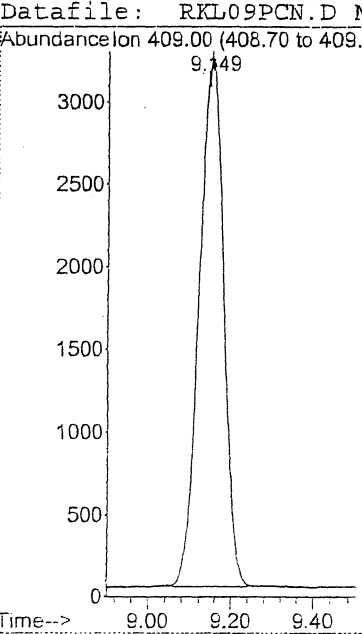
M/Z	REL%	ABS	T/E
209	16	13054	
417	13	10416	
432	100	79205	19.98

Compound	RT	Height
d4-19-norandro	9.149	3173
Testosterone	13.461	79308
Epitestosterone	12.625	3970



M/Z	REL%	ABS	T/E
209	16	13028	
417	13	10435	
432	100	80411	19.51

Compound	RT	Height
d4-19-norandro	9.145	3272
Testosterone	13.461	80536
Epitestosterone	12.625	4127



M/Z	REL%	ABS	T/E
209	16	14319	
417	13	11623	
432	100	86975	19.34

Compound	RT	Height
d4-19-norandro	9.149	3249
Testosterone	13.461	87049
Epitestosterone	12.631	4501

UCLA Olympic Analytical Laboratory

'A' CONFIRMATION SUMMARY

Identification data evaluated according to WADA TD2003IDCR for:

Client: CSAC
 Folder: 55
 Bottle: 2487996
 UCLA Labcode: RKL09

Substance: Testosterone

WADA ISL ISTD: d4-19-Norandrosterone

		CALIBRATOR	TOLERANCE		RKL09	EVALUATION
Datafile		RKLPQNAC	LOWER	UPPER	RKL09PCN	
ISTD RT (min)		9.13	9.04	9.22	9.15	PASS
Compound RT (min)		13.44	13.30	13.57	13.46	PASS
Compound RRT		1.472	1.458	1.487	1.471	PASS
Diagnostic Ion 1	432	100	NA	NA	100	
Diagnostic Ion 2	417	13	8	18	13	PASS
Diagnostic Ion 3	209	15	10	20	16	PASS

CONCLUSION: Identification criteria are met for the following substance:
 Testosterone

RKL09 has a TE ratio of 16.9 +/- 17% (k = 2).

The threshold TE ratio is 4.0.

BA 9/1/00

BA 9/2/00

RKL09 A-CONFIRMATION	2487996	CSAC 55	9/1/2010	MSDA 21
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CUTOFF REPLICATES

	ISTD	T	Epit	T/E	Mean T/E	SD	Uncertainty
RKLTE1N	4395	30333	6572	4.62	4.64	0.09	17%
RKLTE2N	3607	24252	5312	4.57			
RKLTE3N	4422	30860	6513	4.74			

SAMPLE REPLICATES

	ISTD	T	Conjugated Epit	T/E	ISTD	Free T	Epit	Percent Free T	Corrected T/E Std @ 4
RKLO9NCN	3173	79308	3970	19.98	3778	1140	34	1.2	17.2
RKLO9OCN	3272	80536	4127	19.51	4406	1333	43	1.2	16.8
RKLO9PCN	3249	87049	4501	19.34	3675	1223	38	1.2	16.7
								SD	16.9
									0.3

CONTROLS

RKLPQNAC	3749	55674	6169	9.02	3742	46	26	0.1	7.8
RKLNQNAC	4450	23120	10640	2.17	3784	94	28	0.5	1.9

QC Result

FAIL

N/A

New QC

Pool
9/1/10

	Std @ 4	Sample
Mean	4.6397	19.6104
Variance	7.90E-03	1.08E-01
Observations	3	3
df	2	2
F	7.29E-02	
P(F<=f) one-tail	6.80E-02	
F Critical one-tail	0.0526	
variances are equal		

	Std @ 4	Sample
Mean	4.6397	19.6104
Variance	7.90E-03	1.08E-01
Observations	3	3
Pooled Variance	5.81E-02	
df	4	
t Stat	76.0619	
P(T<=t) one-tail	8.95E-08	
t Critical one-tail	3.7469	
significantly higher than cutoff		

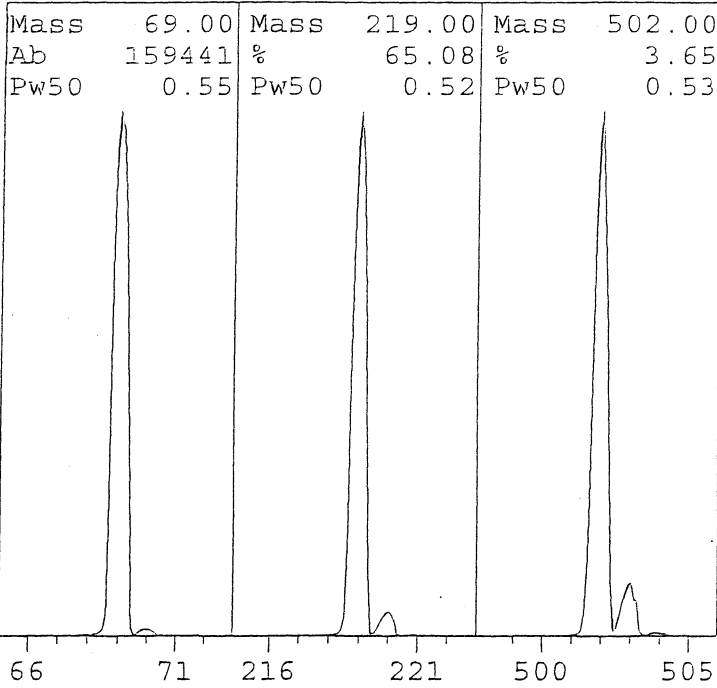
Conclusion:

Sample T/E at 16.9 +/- 17% is significantly higher than cutoff.

9/1/10
BA 9/2/10

Mon Aug 30 07:20:44 2010
C:\msdchem\1\5975\mtucla.U

Instrument: MSDA21



Ion Pol Pos MassGain -1101
MassOffs -39
Emission 34.6 AmuGain 1076
EI Energy 69.9 AmuOffs 129.25
Filament 2 Wid219 -0.019
DC Pol Neg
Repeller 19.90
IonFcus 78.8 HEDenab On
EntLens 0.0 EMVolts 1353
EntOffs 18.07

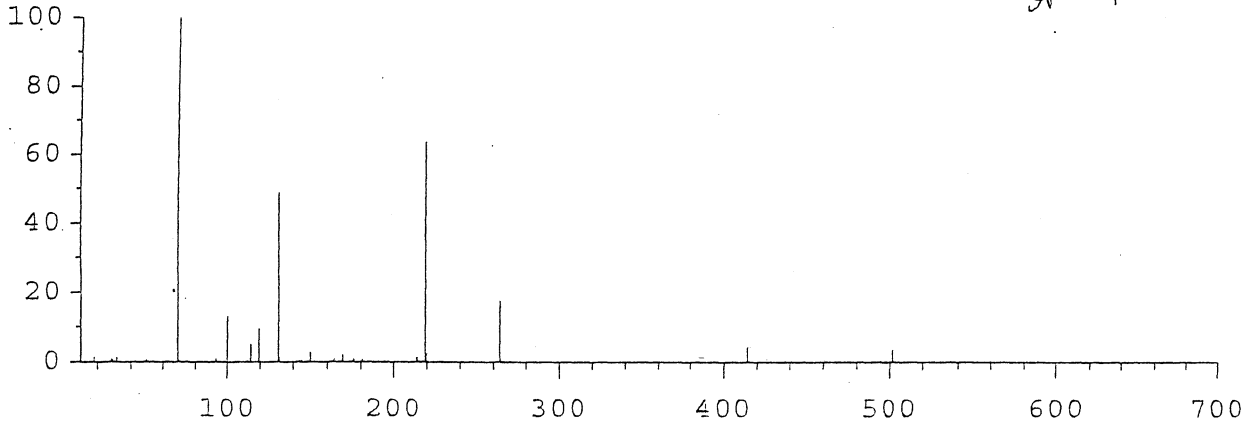
Samples 8
PFTBA Open Averages 3
Stepsize 0.10

Temperatures and Pressures:
MS Source 230 TurboSpd 100
MS Quad 150 HiVac 1.00e+10

WA 8/30/10

Scan: 10.00 - 701.00 Samples: 8 Thresh: 100 Step: 0.10
66 peaks Base: 69.00 Abundance: 154112

Aug 11/10



Mass	Abund	Rel Abund	Iso Mass	Iso Abund	Iso Ratio
69.00	154112	100.00	70.00	1816	1.18
219.00	98512	63.92	220.00	4230	4.29
502.10	5500	3.57	503.10	535	9.73

Air/Water Check: H2O~1.45% N2~0.91% O2~0.29% CO2~0.43% N2/H2O~62.78%

Ramp Criteria:

Ion Focus Maximum 90 volts using ion 502; EM Gain 29057
Repeller Maximum 20 volts using ion 219;

MassGain Values(Samples): -1087(3) -1083(2) -1057(1) -1024(0) -980(PS)

TARGET MASS:	50	69	131	219	414	502	1050
Amu Offset:	129.3	129.3	129.3	129.3	129.3	129.3	129.3
Entrance Lens Offset:	18.1	18.1	18.1	18.1	18.1	18.1	18.1
Target Abund(%):	1.0	100.0	55.0	45.0	3.5	2.5	

UCLA OLYMPIC ANALYTICAL LABORATORY

Sample Name : 4:1 STD
Data File : A21100830C.D
Miscellaneous: T/E 4:1, ISTD T4-047
Instrument : MSDA21
Method File : TETHIN04.M
Analysis Time: 30 Aug 2010 7:53
ALS Bottle # : 99

	RT	PEAK HEIGHT
Testosterone (432)	13.430	93493
Epitestosterone (432)	12.579	21640

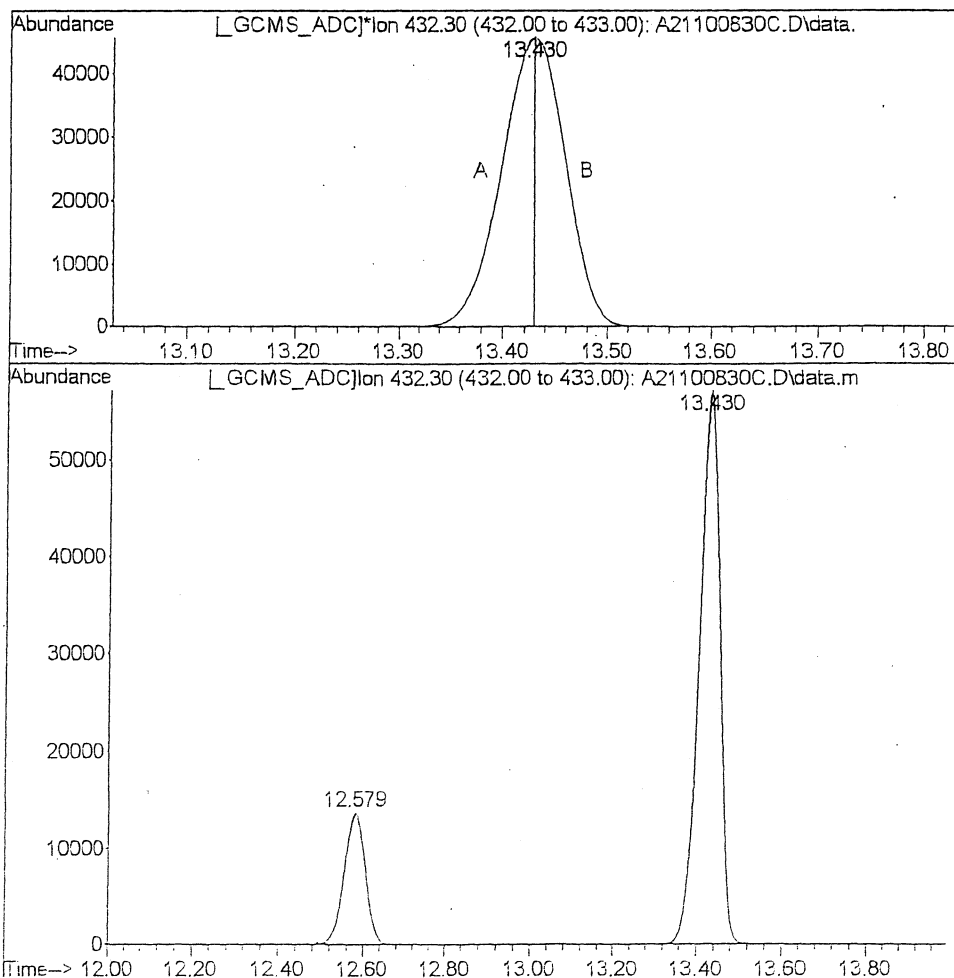
Testosterone/Epitestosterone Peak Height Ratio = 4.320

Peak Statistics for Testosterone 432 (Smoothed):

RT Start = 13.22 RT Max = 13.43 RT Ends = 13.80
Area of first half = 106541
Area of second half = 86549
B/A = 0.8124

Handwritten: 19.3p si
10/8/10

The T RT is within the tolerance range of 13.4 to 13.5 >>YES
The B/A Ratio is within the tolerance range of 0.7 to 1.1 >>YES



ABBREVIATIONS FREQUENTLY USED IN THE DOCUMENTATION

Andro	Androsterone (5 α -androstan-3 α -ol-17-one)
Etio	Etiocholanolone (5 β -androstan-3 α -ol-17-one)
Pdiol	Pregnanediol (5 β -pregnane-3 α ,20 α -diol)
AE STD	Unextracted standard containing androsterone, etiocholanolone and retention time standard (5 α -androstan-3 β -ol)
QCP4	Positive urine QC, HPLC region 4 fraction (andro, etio)
QCP5	Positive urine QC, HPLC region 5 fraction (pdiol)
QCN4	Negative urine QC, HPLC region 4 fraction (andro, etio)
QCN5	Negative urine QC, HPLC region 5 fraction (pdiol)
Blank4	Reagent blank, HPLC region 4 fraction
Blank5	Reagent blank, HPLC region 5 fraction

PROCEDURE FOR IRMS ANALYSIS OF STEROIDS

SAMPLE PREPARATION:

Urine volume: 10-20 mL urine sample aliquot
Hydrolysis: Phosphate buffer: (2 mL of 1.0M phosphate buffer at pH 7)
Enzyme: 200 μ L of β -Glucuronidase (*E. coli* source)
Conditions: 50°C, 1 hour
SPE Extraction: Bond-Elut cartridge (Varian C18, 500 mg)
Methanol and water conditioning
Water rinse, Methanol/ethyl acetate elution
HPLC: Instrument: HP1100
Autoinjection 90 μ L, Phenomenex Onxy Monolithic C18 100 x 4.6 mm,
Mobile phase Water(A) and Acetonitrile(B), Flow rate 3 mL/minute
HPLC Cleanup 1: Gradient: 0.0 minutes 30% B Time-based fractions
6.0 minutes 50% B
6.5 minutes 95% B
8.5 minutes 95% B region 4: ~4.5-5.5 (Andro, Etio)
9.0 minutes 30% B region 5: ~5.8-6.2 (Pdiol)
12.0 minutes 30% B
Derivatization: Fractions: Pdiol
Reagents: Acetic anhydride/pyridine
Conditions: 60°C, 3 hours
Reconstitution: Cyclohexane with 5 α -androstan-3 β -ol retention time standard

GC-IRMS AND GC-MS ANALYSIS:

Instrument: Thermo Electron Trace GC Ultra, Delta V Plus IRMS, DSQII
Injection: Autosampler GC Pal, 0.3-3 μ L PTV splitless at 280°C, Helium carrier
Column: Agilent-J&W HP-50+ GC column (30 m x 0.25 mm x 0.15 μ m)
GC oven program: Initial: 80°C, hold 1 minute
Ramp: 15°C/minute to 270°C, hold 6 minutes
Ramp: 30°C/minute to 300°C, hold 4 minutes
DSQII parameters: Scan mode over 50-450 m/z range
Delta V Plus: δ^{13} C assignment via ISODAT, CO₂ reference gas

CHAIN OF CUSTODY DOCUMENTATION
FOR

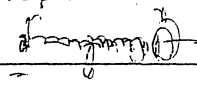



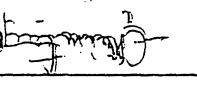
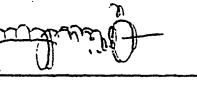
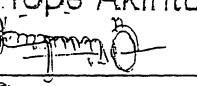
2487996

p 37

IRMS ANDRO/ETIO - IRMS DIOLS
(CIRCLE ONE)

EACH NAME MUST BE PRINTED AT LEAST ONCE ON THIS PAGE.

Fill in information as aliquots are released to Refrigerator #12 for storage.

ALIQUOT(S)	FOLDER NO.	RELEASED BY:	DATE
RHD 03	USADA 10393	Topo Akintunji 	SEP 07 2010
RKL 08, 09	CSAC 55		SEP 07 2010
R102 11	NFL 9314		SEP 07 2010
RNA 06	NCDF 16451		SEP 07 2010
RNE 25	NCDF 16453		SEP 07 2010
^{FF 09-04-10} RNEV 14	NFL 9319		SEP 07 2010
RNY 20	NFL 9320	Topo Akintunji 	SEP 07 2010



See reverse side for work-up Chain of Custody

Rw. 55. 9/13/10

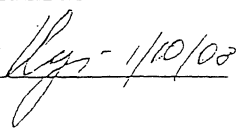
170

EACH NAME MUST BE PRINTED AT LEAST ONCE ON THIS PAGE

CHAIN OF CUSTODY FOR THE WORK-UP IS AS FOLLOWS:


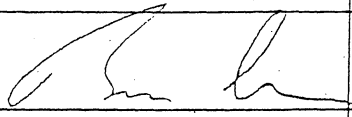
RELEASED BY:	TO:	DATE	PURPOSE
ref #12	Lysel@e Lisette Fernandez	9.8.10	Begin Assay
Lysel@e	incubator	9.8.10	incubation
incubator	Lysel@e	9.8.10	Continue Assay
Lysel@e	drier	9.8.10	drying
drier	Lysel@e	9.8.10	Continue Assay
Lysel@e	Nitrogen Wheel	9.8.10	drying
Nitrogen Wheel	Lysel@e	9.8.10	Continue Assay
Lysel@e	H P L C	9.8.10	Extraction
H P L C	Lysel@e	9.9.10	transfer
Lysel@e	drier	9.9.10	drying
drier	Lysel@e	9.9.10	transfer A/E
Lysel@e	desiccator	9.9.10	desiccation
desiccator	Lysel@e	9.9.10	Continue Assay
Lysel@e	ref #26	9.9.10	storage
Refrigerator #26	 Brian Ahrens	SEP 09 2010	TRANSFER
	Autosampler Irms	SEP 09 2010	ANALYSIS

Rev. 53.9113110

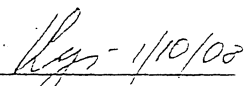
Form approved by  1/10/08

EACH NAME MUST BE PRINTED AT LEAST ONCE ON THIS PAGE

CHAIN OF CUSTODY FOR THE WORK-UP IS AS FOLLOWS:

RELEASED BY:	TO:	DATE	PURPOSE
Autosampler Irms	 Brian Ahrens	SEP 13 2010	TRANSFER
	TRASH	SEP 13 2010	DISCARD

Rev. 55-9113/10

Form approved by  1/10/02

CHAIN OF CUSTODY DOCUMENTATION
FOR

2487996
p 40

IRMS ANDRO/ETIO - IRMS DIOLS
(CIRCLE ONE)

EACH NAME MUST BE PRINTED AT LEAST ONCE ON THIS PAGE.

P-dial

Fill in information as aliquots are released to Refrigerator #12 for storage.

ALIQUOT(S)	FOLDER NO.	RELEASED BY:	DATE
RHJ 03	USADA 10393	Topo Akintunji <i>[Signature]</i>	SEP 07 2010
RKL 08, 09	CSAC 55	<i>[Signature]</i>	SEP 07 2010
RQ2 11	NFL 9314	<i>[Signature]</i>	SEP 07 2010
RNA 06	NCDF 16451	<i>[Signature]</i>	SEP 07 2010
RNE 25	NCDF 16453	<i>[Signature]</i>	SEP 07 2010
^{FR 09-04-10} RNEV 14	NFL 9319	<i>[Signature]</i>	SEP 07 2010
RNY 20	NFL 9320	Topo Akintunji <i>[Signature]</i>	SEP 07 2010

See reverse side for work-up Chain of Custody Rec. 53-9113/10

EACH NAME MUST BE PRINTED AT LEAST ONCE ON THIS PAGE

CHAIN OF CUSTODY FOR THE WORK-UP IS AS FOLLOWS:

RELEASED BY:	TO:	DATE	PURPOSE
Ref #12	Lissette Fernandez	9.8.10	Begin Assay
Lissette Fernandez	incubator	9.8.10	incubation
incubator	Lissette Fernandez	9.8.10	Continue Assay
Lissette Fernandez	drier	9.8.10	drying
drier	Lissette Fernandez	9.8.10	Continue Assay
Lissette Fernandez	Nitrogen Wheel	9.8.10	drying
Nitrogen Wheel	Lissette Fernandez	9.8.10	Continue Assay
Lissette Fernandez	H P L C	9.8.10	Extraction
H P L C	Lissette Fernandez	9.9.10	transfer
Lissette Fernandez	drier	9.9.10	drying
drier	Lissette Fernandez	9.9.10	transfer pdid
Lissette Fernandez	Nitrogen Wheel	9.9.10	drying
Nitrogen Wheel	Lissette Fernandez	9.9.10	Continue Assay
Lissette Fernandez	Heating block	9.9.10	derivatization
heating block	Lissette Fernandez	9.9.10	Continue Assay
Lissette Fernandez	Nitrogen Wheel	9.9.10	drying

Tel. 509.113.110

Form approved by *[Signature]* 1/10/08

EACH NAME MUST BE PRINTED AT LEAST ONCE ON THIS PAGE

CHAIN OF CUSTODY FOR THE WORK-UP IS AS FOLLOWS:

RELEASED BY:	TO:	DATE	PURPOSE
Nitrogen Wheel	Lyschickel Lisette Fernandez	9.9.10	Continue Assay
Lyschickel	ref # 26	9.9.10	Storage
Refrigerator #26	 Brian Ahrens	SEP 09 2010	TRANSFER
	Autosampler IRMS	SEP 09 2010	ANALYSIS
Autosampler IRMS		SEP 13 2010	TRANSFER
	TRASH	SEP 13 2010	DISCARD

Re. 55-9113110

Form approved by 1/10/02

C:\Thermo\Isodat NT\global\User\GC II-III Interface\Sequence\100909.seq

Row	Peak Center	GC Method	AS Sample	AS Method	Identifier 1	Comment	Preparation	Method
1	X	Disabled	1	>Internal No 7	AE STD #7			method2[andro]ptvO2.met
2	X	Disabled	1	>Internal No 7	AE STD #7			method2[andro]ptvO2.met
3	X	Disabled	1	>Internal No 7	AE STD #7			method2[andro]ptvO2.met
4	X	Disabled	1	>Internal No 7	AE STD #7			method2[andro]ptvO2.met
5	X	Disabled	2	>Internal No 6	Pdiol			method2[andro]ptvO2.met
6	X	Disabled	3	>Internal No 6	Pdiol diacetate			method2[andro]ptvO2.met
7	X	Disabled	4	>Internal No 6	QCP4	AE		method2[andro]ptvO2.met
8	X	Disabled	5	>Internal No 7	QCP5	PDIOL		method2[andro]ptvO2.met
9	X	Disabled	6	>Internal No 5	QCN4	AE	0.3 uL	method2[andro]ptvO2.met
10	X	Disabled	7	>Internal No 7	QCN5	PDIOL		method2[andro]ptvO2.met
11	X	Disabled	8	>Internal No 6	BLANK4	AE		method2[andro]ptvO2.met
12	X	Disabled	9	>Internal No 7	BLANK5	PDIOL		method2[andro]ptvO2.met
13	X	Disabled	10	>Internal No 7	RHD03-4	AE	1.0 uL	method2[andro]ptvO2.met
14	X	Disabled	11	>Internal No 7	RHD03-5	PDIOL		method2[andro]ptvO2.met
15	X	Disabled	12	>Internal No 7	RKL08-4	AE	1.0 uL	method2[andro]ptvO2.met
16	X	Disabled	13	>Internal No 7	RKL08-5	PDIOL		method2[andro]ptvO2.met
17	X	Disabled	14	>Internal No 7	RKL09-4	AE	1.0 uL	method2[andro]ptvO2.met
18	X	Disabled	15	>Internal No 7	RKL09-5	PDIOL		method2[andro]ptvO2.met
19	X	Disabled	16	>Internal No 6	RM211-4	AE		method2[andro]ptvO2.met
20	X	Disabled	17	>Internal No 7	RM211-5	PDIOL		method2[andro]ptvO2.met
21	X	Disabled	18	>Internal No 6	RNA06-4	AE		method2[andro]ptvO2.met
22	X	Disabled	19	>Internal No 7	RNA06-5	PDIOL		method2[andro]ptvO2.met
23	X	Disabled	20	>Internal No 6	RNE25-4	AE		method2[andro]ptvO2.met
24	X	Disabled	21	>Internal No 7	RNE25-5	PDIOL		method2[andro]ptvO2.met
25	X	Disabled	22	>Internal No 6	RNV14-4	AE		method2[andro]ptvO2.met
26	X	Disabled	23	>Internal No 7	RNV14-5	PDIOL		method2[andro]ptvO2.met
27	X	Disabled	24	>Internal No 6	RNY20-4	AE		method2[andro]ptvO2.met
28	X	Disabled	25	>Internal No 7	RNY20-5	PDIOL		method2[andro]ptvO2.met
29	X	Disabled	1	>Internal No 7	AE STD #7			method2[andro]ptvO2.met

Autosampler #1115 loaded by: BA 9/9/10

Autosampler #1115 unloaded by: BA 9/13/10

S. 9/13/10

Position	Sample Type	Level	Sample ID	Sample Name
1	Unknown		AESTD #7	
2	Unknown		Pdiol	
3	Unknown		Pdiol diacetate	
4	Unknown		QCP4	
5	Unknown		QCP5	
6	Unknown		QCN4	
7	Unknown		QCN5	
8	Unknown		BLANK4	
9	Unknown		BLANK5	
10	Unknown		RHD03-4	
11	Unknown		RHD03-5	
12	Unknown		RKL08-4	
13	Unknown		RKL08-5	
14	Unknown		RKL09-4	
15	Unknown		RKL09-5	
16	Unknown		RM211-4	
17	Unknown		RM211-5	
18	Unknown		RNA06-4	
19	Unknown		RNA06-5	
20	Unknown		RNE25-4	
21	Unknown		RNE25-5	
22	Unknown		RNV14-4	
23	Unknown		RNV14-5	
24	Unknown		RNY20-4	
25	Unknown		RNY20-5	

Autosampler ~~WMS~~ LOADED BY: BA 9/9/10

Autosampler ~~WMS~~ UNLOADED BY: BA 9/13/10

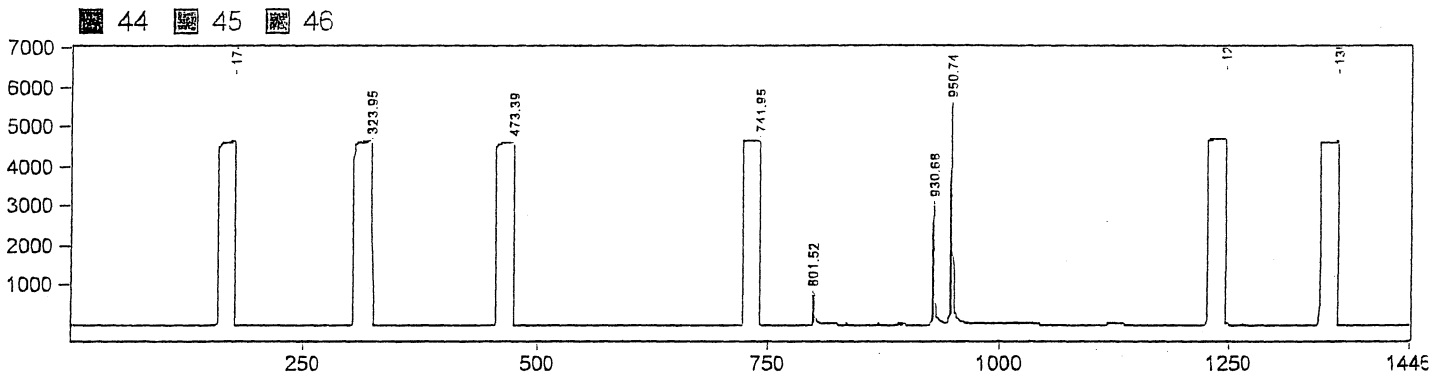
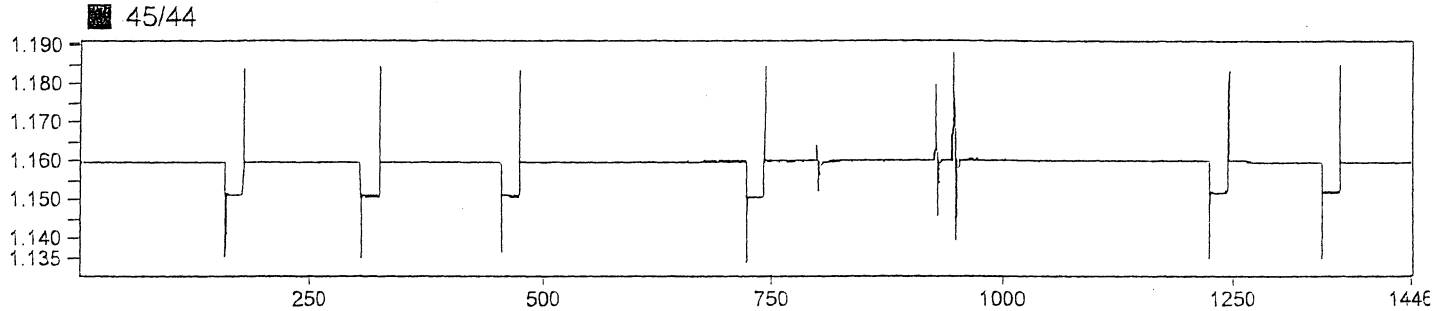
SL 9/13/10

Friday, September 10, 2010 05

UCLA Olympic Analytical Laboratory GC II-III Interface Results

Row	AS Sample	AS Method	Identifier 1	Identifier 2	Comment	Preparation	Method
9	6	>Internal No 5	QCN4		AE	0.3 uL	method2[andro]ptvO2.mel

C:\Windows\Temp\100909-0008.dxf



Component	Start [s]	Rt [s]	End [s]	Ampl. 44 [mV]	BGD 44 [mV]	BGD 45 [mV]	BGD 46 [mV]	Area All [Vs]	d 13C/12C [per mil] vs. VPDB
WMG BP1	154.2	174.7	182.9	4644	1.3	1.2	2.3	91.603	-29.864
WMG BP2	303.5	324.0	332.9	4644	1.5	1.4	2.4	91.829	-30.120
WMG BP3	452.9	473.4	481.7	4619	1.5	1.4	2.4	91.042	-30.090
-	721.5	742.0	748.6	4668	9.5	10.8	17.8	92.599	-30.657
-	797.1	801.5	813.4	785	13.5	15.6	25.1	2.074	-30.604
-	925.7	930.7	946.1	3020	20.6	23.9	37.0	7.876	-21.729
-	946.1	950.7	966.0	5552	20.6	23.9	37.0	15.003	-20.061
WMG P2	1224.1	1244.6	1249.6	4686	18.1	21.1	34.5	92.890	-30.657
WMG BP4	1348.5	1368.9	1376.3	4629	1.8	1.7	4.0	91.946	-30.449

BA 9/17/10

SS. 9/17/10

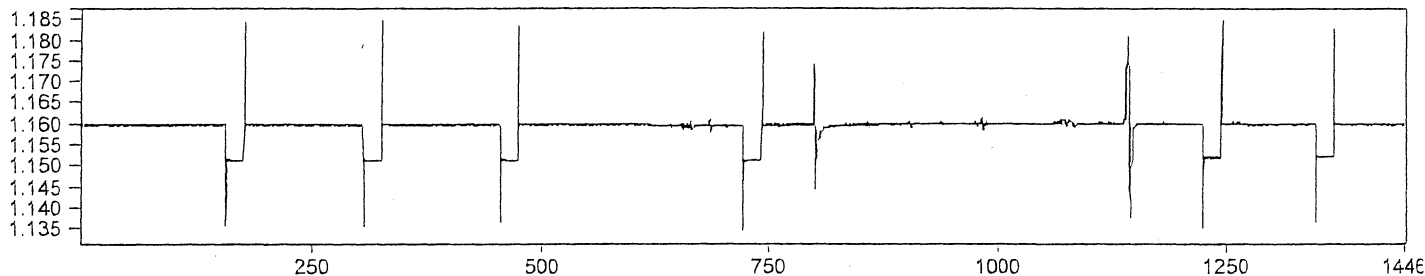
Friday, September 10, 2010 06

UCLA Olympic Analytical Laboratory GC II-III Interface Results

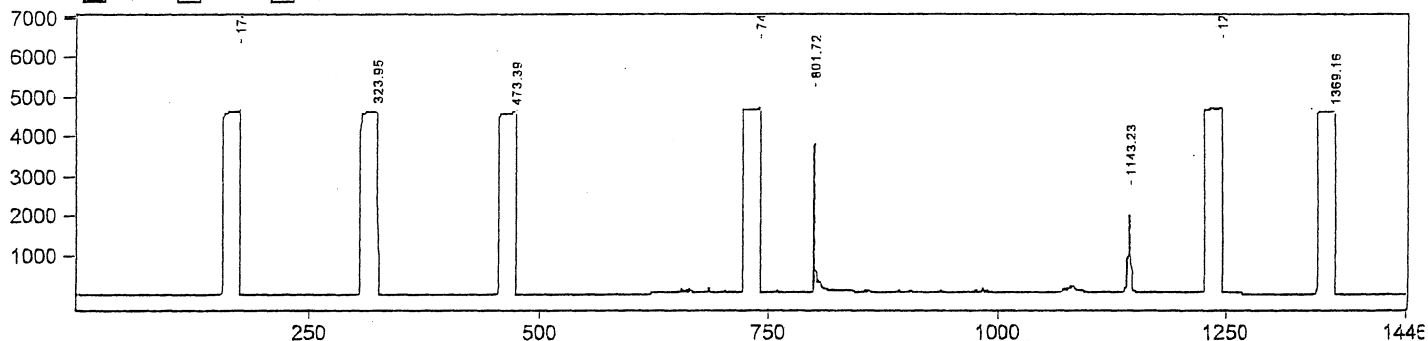
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10	7	>Internal No 7	QCNS		PDIOL		method2[andro]ptvO2.met

C:\Windows\Temp\100909-0009.dxf

45/44



44 45 46



Component	Start [s]	Rt [s]	End [s]	Ampl. 44 [mV]	BGD 44 [mV]	BGD 45 [mV]	BGD 46 [mV]	Area All [Vs]	d 13C/12C [per mil] vs. VPDB
WMG BP1	154.2	174.7	183.7	4651	1.4	1.2	2.2	91.675	-30.321
WMG BP2	303.5	324.0	332.5	4651	1.5	1.4	2.4	91.796	-30.383
WMG BP3	452.9	473.4	481.7	4619	1.5	1.4	2.4	91.232	-30.231
-	721.5	742.2	747.8	4664	53.2	61.2	79.8	92.890	-30.657
-	795.0	801.7	806.5	3767	55.8	64.3	85.0	7.254	-29.919
-	1135.9	1143.2	1161.0	1966	45.8	53.1	73.7	8.077	-22.921
WMG P2	1224.1	1244.6	1251.3	4685	35.8	41.6	59.7	93.116	-30.657
WMG BP4	1348.7	1369.2	1376.7	4637	1.8	1.8	4.1	91.840	-30.337

BA 9/13/10

SS, 9/13/10

Friday, September 10, 2010 17

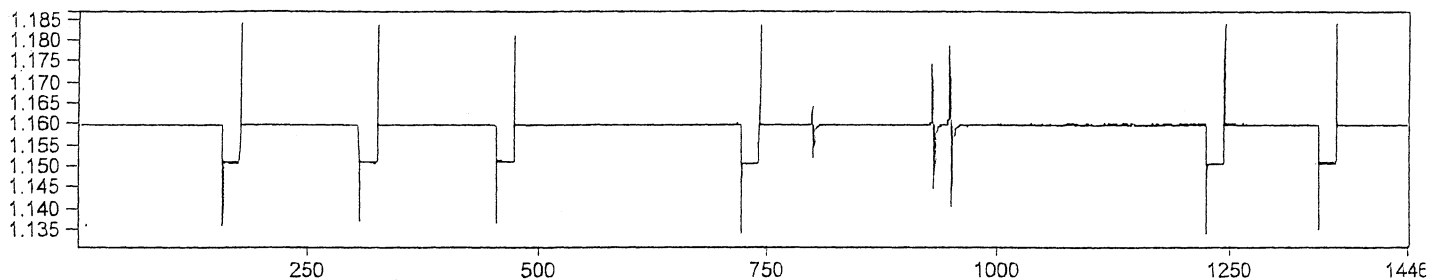
UCLA Olympic Analytical Laboratory

GC II-III Interface Results

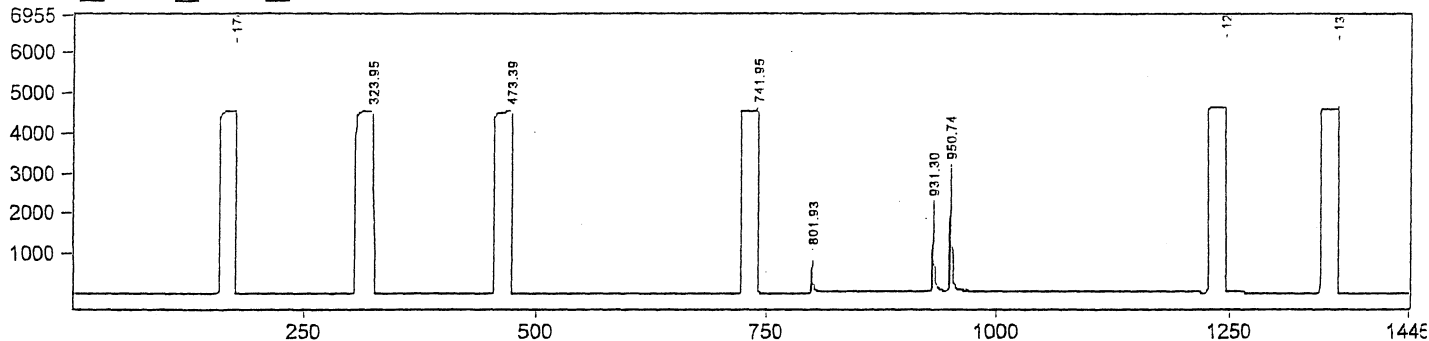
Row	AS Sample	AS Method	Identifier 1	Identifier 2	Comment	Preparation	Method
1	4	>Internal No 5	QCP4		AE	0.3 uL	method2[andro]ptvO2.met

C:\Windows\Temp\100909-0029.dxf

45/44



44 45 46



Component	Start [s]	Rt [s]	End [s]	Ampl. 44 [mV]	BGD 44 [mV]	BGD 45 [mV]	BGD 46 [mV]	Area All [Vs]	d 13C/12C [per mil] vs. VPDB
WMG BP1	154.2	174.3	184.1	4573	1.3	1.1	1.8	90.058	-30.372
WMG BP2	303.7	324.0	333.4	4574	1.4	1.3	1.9	90.136	-30.282
WMG BP3	452.9	473.4	483.0	4558	1.5	1.4	2.1	89.814	-30.094
-	720.2	742.0	749.1	4581	10.8	12.2	17.0	91.054	-30.657
-	797.8	801.9	814.1	767	17.3	19.8	26.8	1.943	-30.519
-	925.7	931.3	946.6	2235	27.8	31.9	42.4	5.967	-26.124
-	946.6	950.7	966.2	3177	27.8	31.9	42.4	8.582	-26.075
WMG P2	1224.1	1244.6	1249.6	4645	23.6	27.2	38.1	92.134	-30.657
WMG BP4	1348.7	1368.9	1376.7	4627	1.8	1.7	3.3	91.653	-30.327

BA 9/13/10

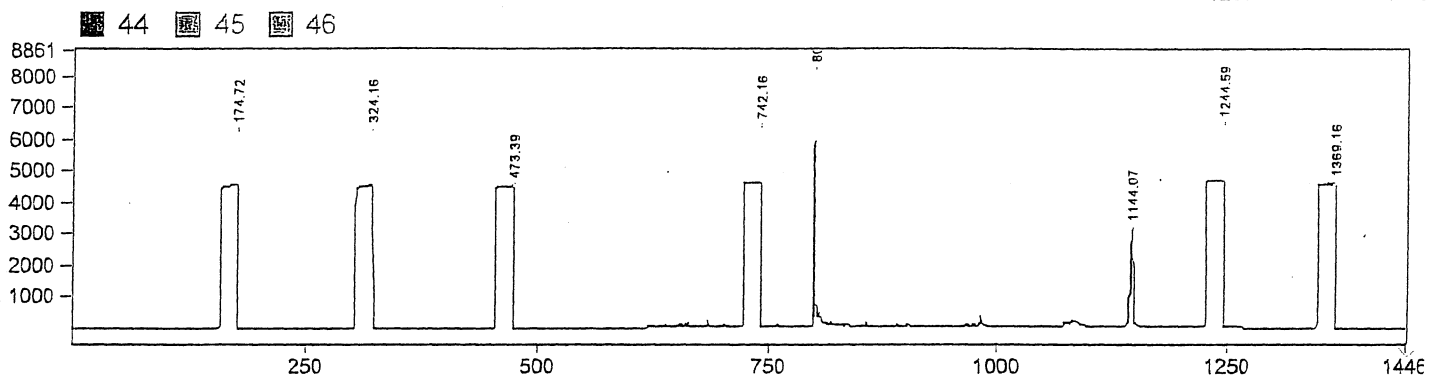
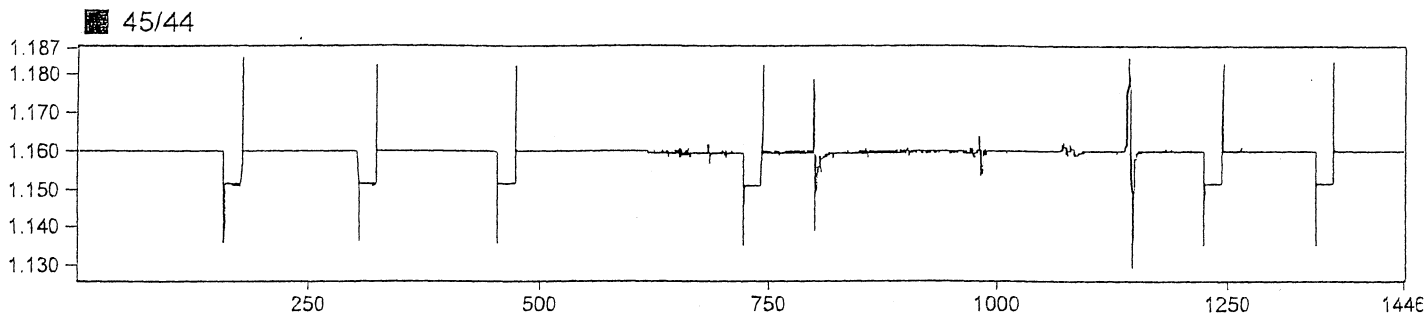
SS. 9/13/10

Friday, September 10, 2010 17

UCLA Olympic Analytical Laboratory GC II-III Interface Results

Row	AS Sample	AS Method	Identifier 1	Identifier 2	Comment	Preparation	Method
2	5	>Internal No 7	QCP5		PDIOL		method2[andro]pivO2.met

C:\Windows\Temp\100909-0030.dxf



Component	Start [s]	Rt [s]	End [s]	Ampl. 44 [mV]	BGD 44 [mV]	BGD 45 [mV]	BGD 46 [mV]	Area All [Vs]	d 13C/12C [per mil] vs. VPDB
WMG BP1	154.2	174.7	183.7	4573	1.4	1.2	2.1	90.292	-30.074
WMG BP2	303.7	324.2	332.5	4565	1.5	1.4	2.2	90.171	-30.040
WMG BP3	452.9	473.4	482.0	4558	1.5	1.4	2.3	89.921	-29.934
-	721.5	742.2	746.5	4605	56.7	65.2	83.5	91.473	-30.657
-	797.1	801.7	806.1	5886	60.9	70.2	90.6	10.732	-30.131
-	1135.7	1144.1	1168.5	3146	54.9	63.5	84.4	13.170	-23.452
WMG P2	1224.3	1244.6	1250.2	4670	42.4	49.1	66.9	92.630	-30.657
WMG BP4	1348.7	1369.2	1376.3	4633	1.9	1.8	3.9	91.961	-30.385

BA 9/13/10

SS. 9/13/10

125

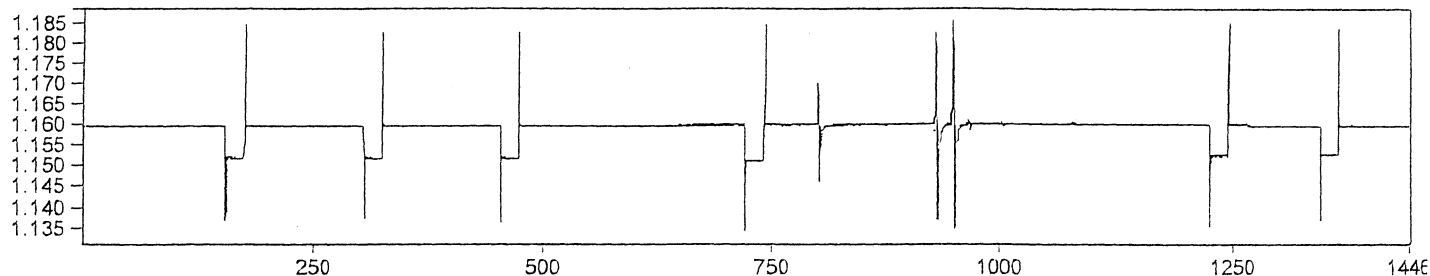
Friday, September 10, 2010 10:19

UCLA Olympic Analytical Laboratory GC II-III Interface Results

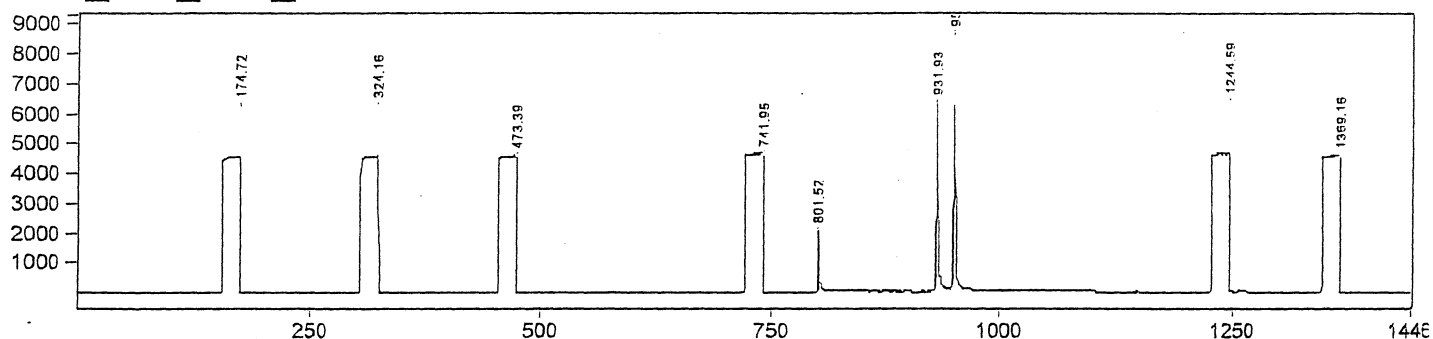
Row	AS Sample	AS Method	Identifier 1	Identifier 2	Comment	Preparation	Method
4	14	>Internal No 6	RKL09-4		AE	0.5 uL	method2[andro]ptv02.met

C:\Windows\Temp\100909-0032.dxf

45/44



44 45 46



Component	Start [s]	Rt [s]	End [s]	Ampl. 44 [mV]	BGD 44 [mV]	BGD 45 [mV]	BGD 46 [mV]	Area All [Vs]	d 13C/12C [per mil] vs. VPDB
WMG BP1	154.5	174.7	183.3	4565	1.4	1.3	2.3	90.004	-29.730
WMG BP2	303.7	324.2	331.9	4590	1.5	1.5	2.5	90.642	-29.865
WMG BP3	452.9	473.4	480.9	4598	1.6	1.5	2.5	90.724	-29.877
-	720.4	742.0	748.4	4656	13.8	15.8	23.4	92.451	-30.657
-	796.9	801.5	819.7	2107	19.6	22.7	33.2	4.659	-30.343
-	925.0	931.9	946.6	6347	31.7	36.8	51.9	17.321	-26.035
-	946.6	951.2	965.4	6219	31.7	36.8	51.9	17.344	-24.950
WMG P2	1223.3	1244.6	1250.4	4648	24.7	28.7	43.1	92.350	-30.657
WMG BP4	1348.7	1369.2	1376.1	4600	1.8	1.8	4.0	91.300	-30.426

BA 9/13/10

SS-9/13/10

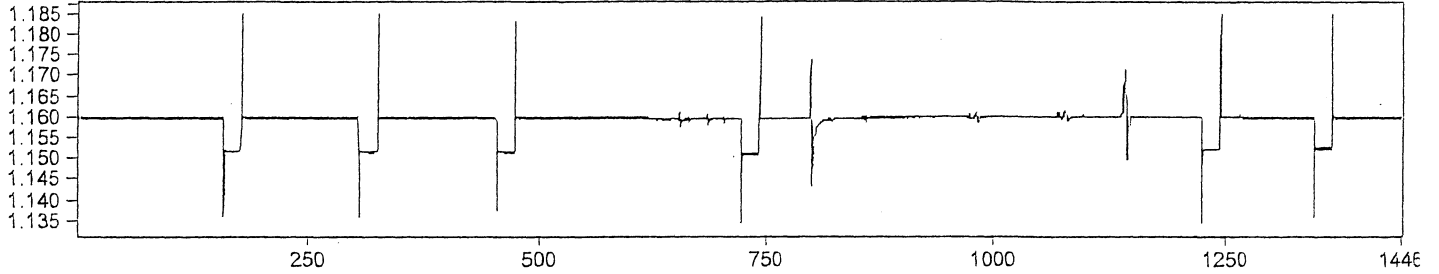
Friday, September 10, 2010 10

UCLA Olympic Analytical Laboratory GC II-III Interface Results

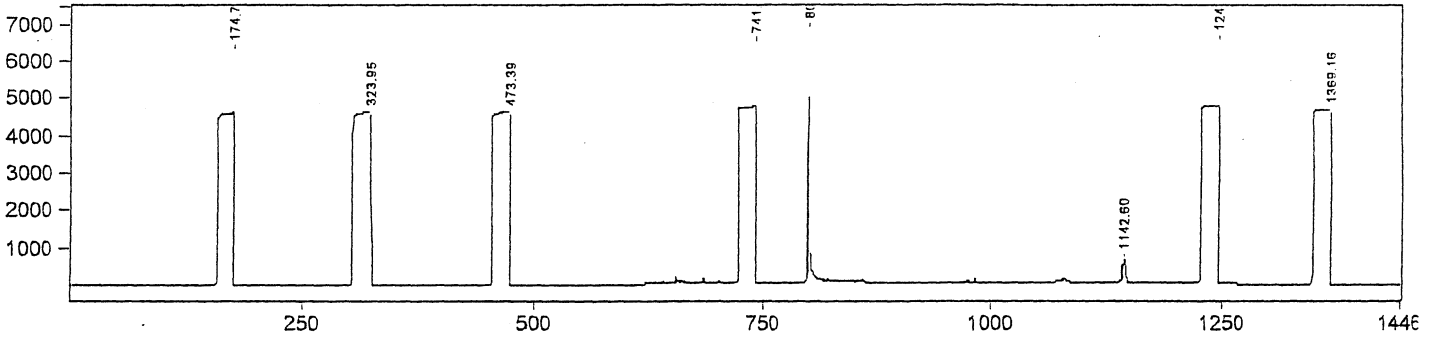
Row	AS Sample	AS Method	Identifier 1	Identifier 2	Comment	Preparation	Method
18	15	>Internal No 7	RKL09-5		PDIOL		method2[andro]ptvO2.met

C:\Windows\Temp\100909-0017.dxf

45/44



44 45 46



Component	Start [s]	Rt [s]	End [s]	Ampl. 44 [mV]	BGD 44 [mV]	BGD 45 [mV]	BGD 46 [mV]	Area All [Vs]	d 13C/12C [per mil] vs. VPDB
WMG BP1	154.2	174.7	183.3	4637	1.4	1.2	2.4	91.298	-29.787
WMG BP2	303.5	324.0	332.7	4646	1.5	1.4	2.5	91.665	-29.916
WMG BP3	452.9	473.4	482.2	4651	1.6	1.4	2.5	91.735	-29.930
-	720.4	741.5	747.4	4734	52.9	60.7	79.8	94.184	-30.657
-	798.0	801.9	813.8	4975	70.1	80.8	105.3	10.283	-30.772
-	1135.9	1142.6	1156.6	706	46.1	53.6	74.6	2.866	-21.676
WMG P2	1222.9	1244.6	1250.2	4772	37.2	43.1	62.0	94.680	-30.657
WMG BP4	1348.7	1369.2	1376.5	4696	1.9	1.8	4.3	93.296	-30.356

BA 9/13/10

SL 9/13/10

QCP	Etio	Andro	5b-diol di-acetate	5b-diol Corrected	5a-diol di-acetate	5a-diol Corrected	Pdiol di-acetate	Pdiol Corrected	Δ8Etio	Δ8Andro	Δ85bdiol	Δ85adiol	Analyses
	26.124	26.075					23.452	21.127	5.0	4.9			6365 0 6366
Evaluation:									PASS	PASS			

QCN	Etio	Andro	5b-diol di-acetate	5b-diol Corrected	5a-diol di-acetate	5a-diol Corrected	Pdiol di-acetate	Pdiol Corrected	Δ8Etio	Δ8Andro	Δ85bdiol	Δ85adiol	Analyses
	22.1729	20.06					22.821	20.495	1.2	0.4			6344 0 6345
Evaluation:									PASS	PASS			

IRMS HPLC DATA READING RECORD FOR SEQUENCE:

Criteria	3.9	3.8	4.0	4.0	Finding	-29	-29	5b-diol	5b-diol	5a-diol	5a-diol	Pdiol	Pdiol
Observation	Δ8Etio	Δ8Andro	Δ85bdiol	Δ85adiol		Etio	Andro	di-acetate	Corrected	di-acetate	Corrected	di-acetate	Corrected
1	RKL09	7.0	5.9		Adverse	-26.035	-24.950					-21.676	-19.012
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

Brian Ahrens

Certifying Scientist

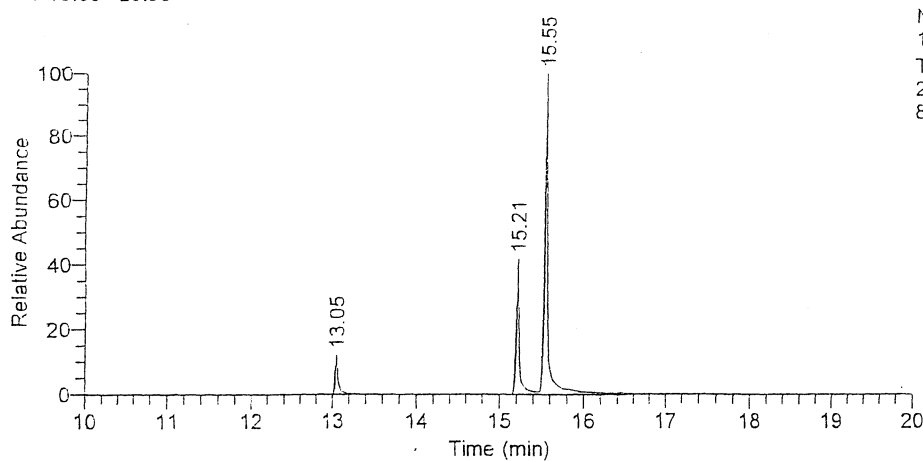


Signature

9/13/10

Date

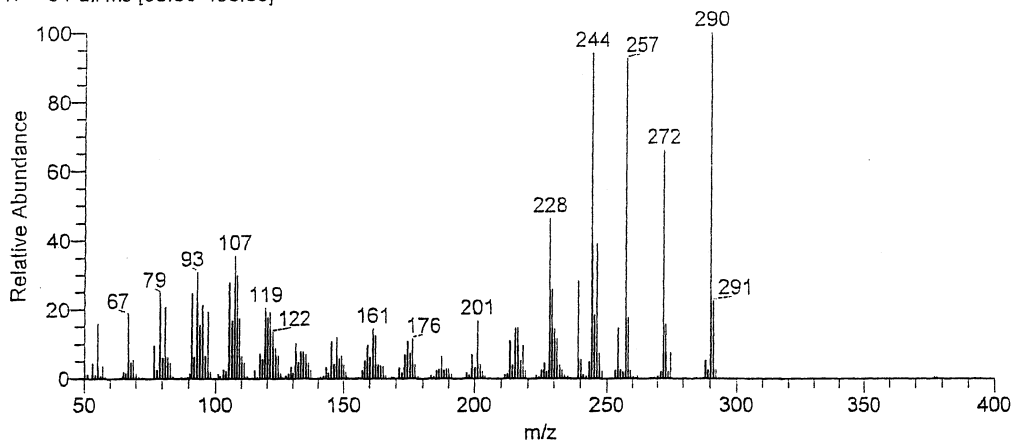
2487996
p 51



NL:
 1.85E7
 TIC MS
 201009090
 8

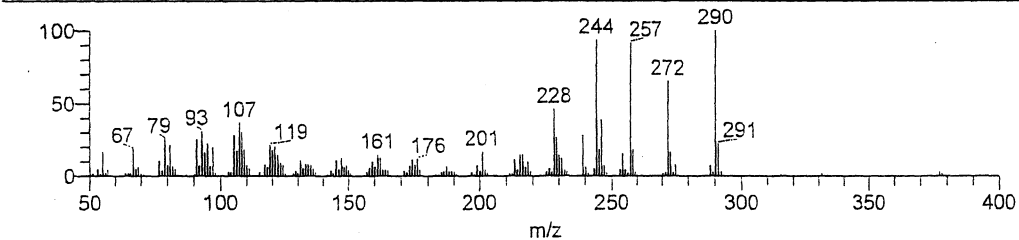
No errors during acquisition.

2010090908#311-313 RT: 15.16-15.20 AV: 3 SB: 2 14.50, 16.50 NL: 1.21E5
 T: + c Full ms [50.00-450.00]



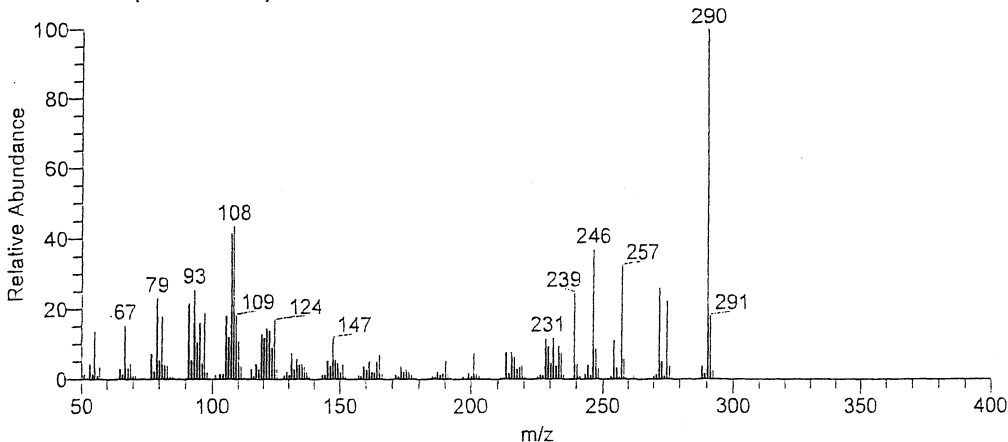
2010090908#311-313 RT:
 SB: 2 14.50, 16.50
 T: + c Full ms [50.00-450.00]
 m/z= 243-291

m/z	Intensity	Relative
244	113871.7	94.27
246	47093.7	38.99
257	111863.2	92.61
272	79624.0	65.92
290	120786.8	100.00



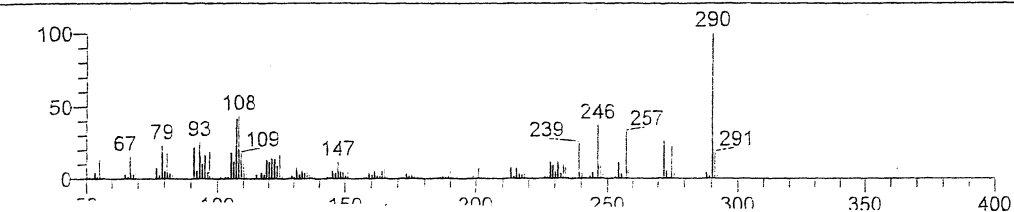
+ c Full ms [50.00-450.00]

2010090908#331-335 RT: 15.50-15.56 AV: 5 SB: 2 14.50, 16.50 NL: 8.06E5
 T: + c Full ms [50.00-450.00]



2010090908#331-335 RT:
 SB: 2 14.50, 16.50
 T: + c Full ms [50.00-450.00]
 m/z= 243-291

m/z	Intensity	Relative
246	297192.6	36.88
257	259822.9	32.24
272	210437.0	26.11
275	179643.6	22.29
290	805901.5	100.00



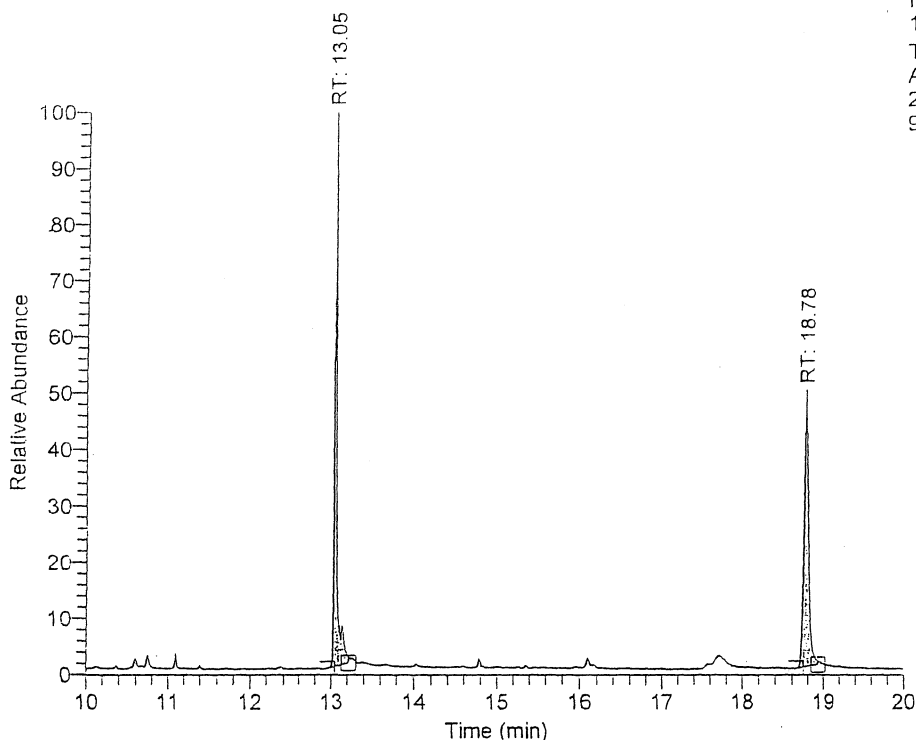
+ c Full ms [50.00-450.00]

BA 9/13/10

SS. 9/13/10 129

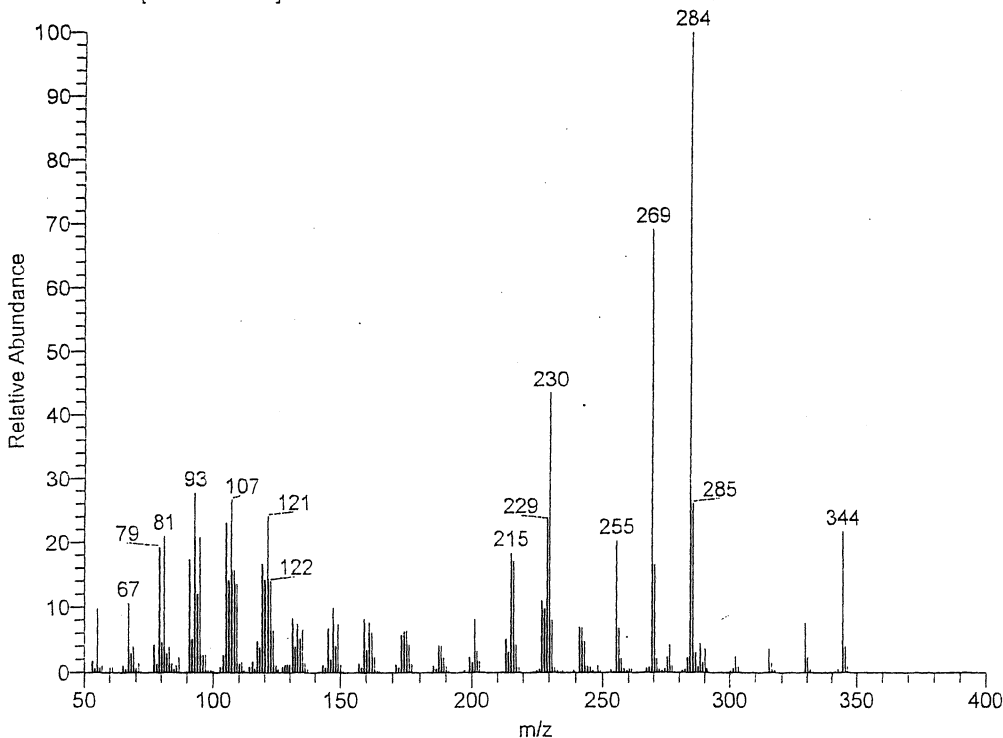
RT: 10.00 - 20.00

No errors during acquisition.



NL:
 1.33E7
 TIC MS
 Avalon
 201009090
 9

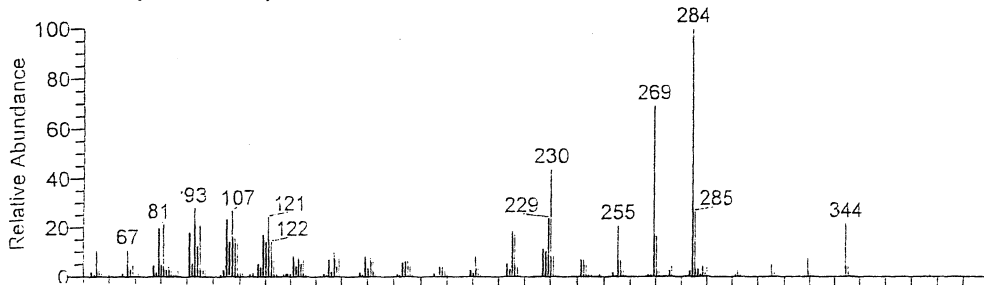
2010090909 #524-528 RT: 18.71-18.78 AV: 5 SB: 2 18.68, 19.83 NL: 3.58E5
 T: + c Full ms [50.00-450.00]



2010090909 #524-528 RT: 18.71-18.78 AV: 5 SB: 2 18.68, 19.83
 T: + c Full ms [50.00-450.00]
 m/z= 269-345

m/z	Intensity	Relative
269	247442.1	69.08
270	59276.5	16.55
284	358172.7	100.00
285	93580.3	26.13
344	77828.1	21.73

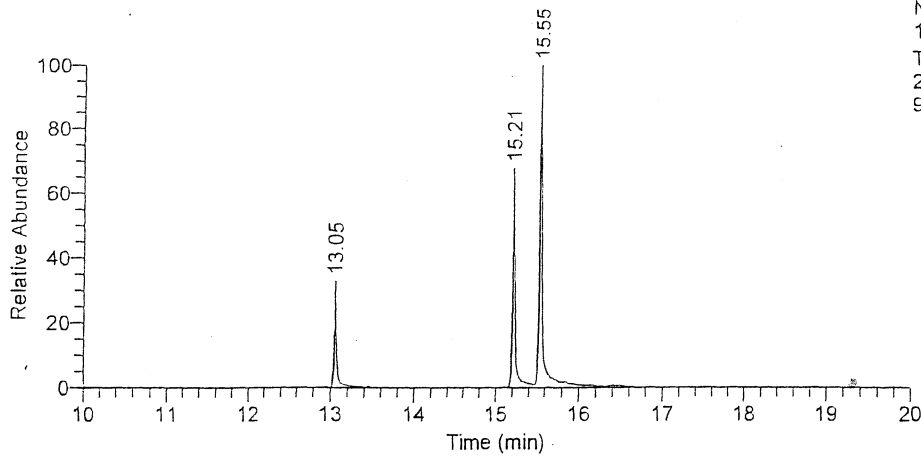
2010090909 #524-528 RT: 18.71-18.78 AV: 5 NL: 3.61E5
 T: + c Full ms [50.00-450.00]



2010090909 Start S#: 524 End S#: 528
 Start Time: 18.71 End Time: 18.78
 + c Full ms [50.00-450.00]

DA 9/13/10
 SS 9/13/10

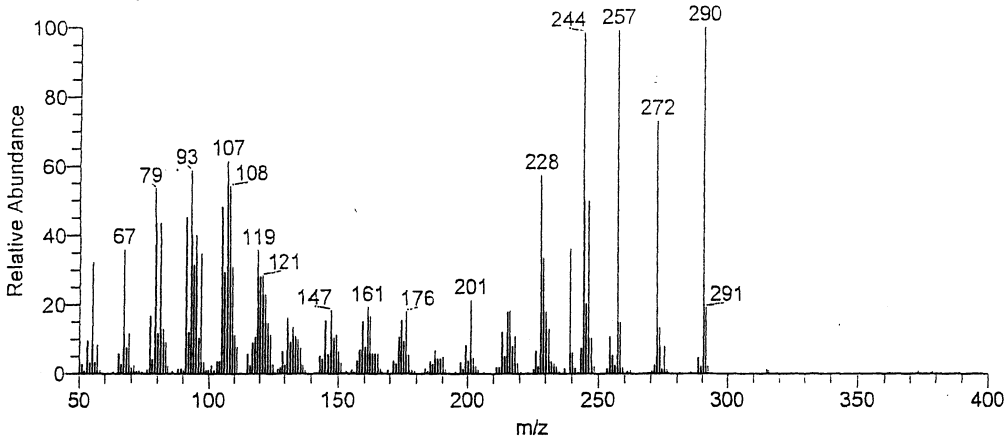
RT: 10.00 - 20.00



NL:
 1.14E7
 TIC MS
 201009092
 9

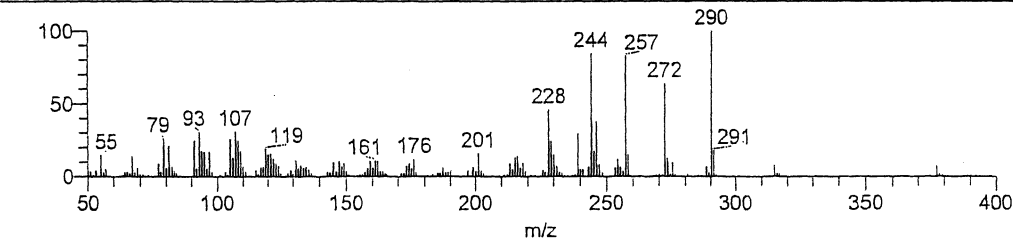
No errors during acquisition.

2010090929 #311-316 RT: 15.16-15.25 AV: 6 SB: 2 14.50, 16.50 NL: 1.15E5
 T: + c Full ms [50.00-450.00]



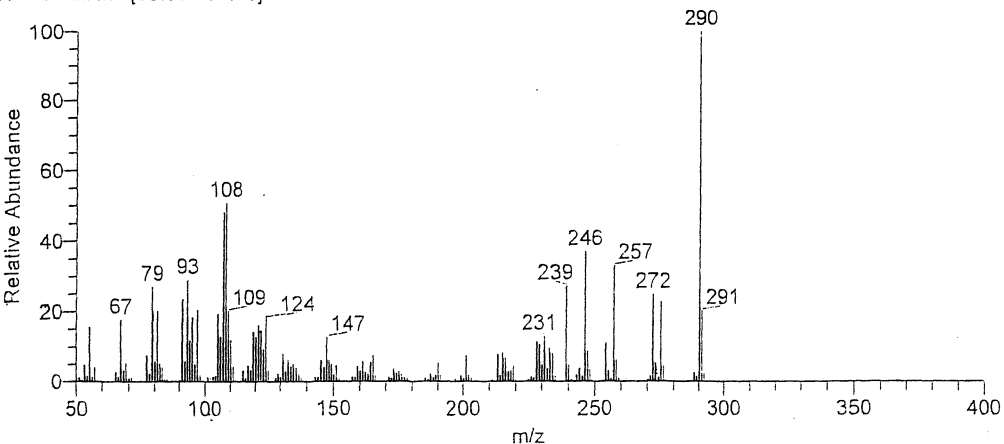
2010090929#311-316 RT:
 SB: 2 14.50, 16.50
 T: + c Full ms [50.00-450.00]
 m/z= 243-291

m/z	Intensity	Relative
244	113237.0	98.58
246	57129.5	49.73
257	113910.2	99.17
272	83821.0	72.97
290	114868.5	100.00



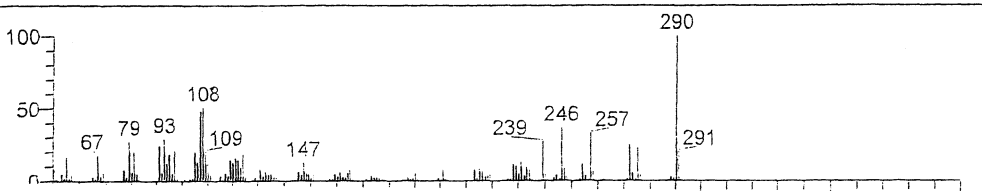
+ c Full ms [50.00-450.00]

2010090929 #331-335 RT: 15.50-15.56 AV: 5 SB: 2 14.50, 16.50 NL: 4.62E5
 T: + c Full ms [50.00-450.00]



2010090929#331-335 RT:
 SB: 2 14.50, 16.50
 T: + c Full ms [50.00-450.00]
 m/z= 243-291

m/z	Intensity	Relative
246	170754.9	36.95
257	152408.8	32.98
272	114625.2	24.80
275	105308.1	22.79
290	462129.0	100.00

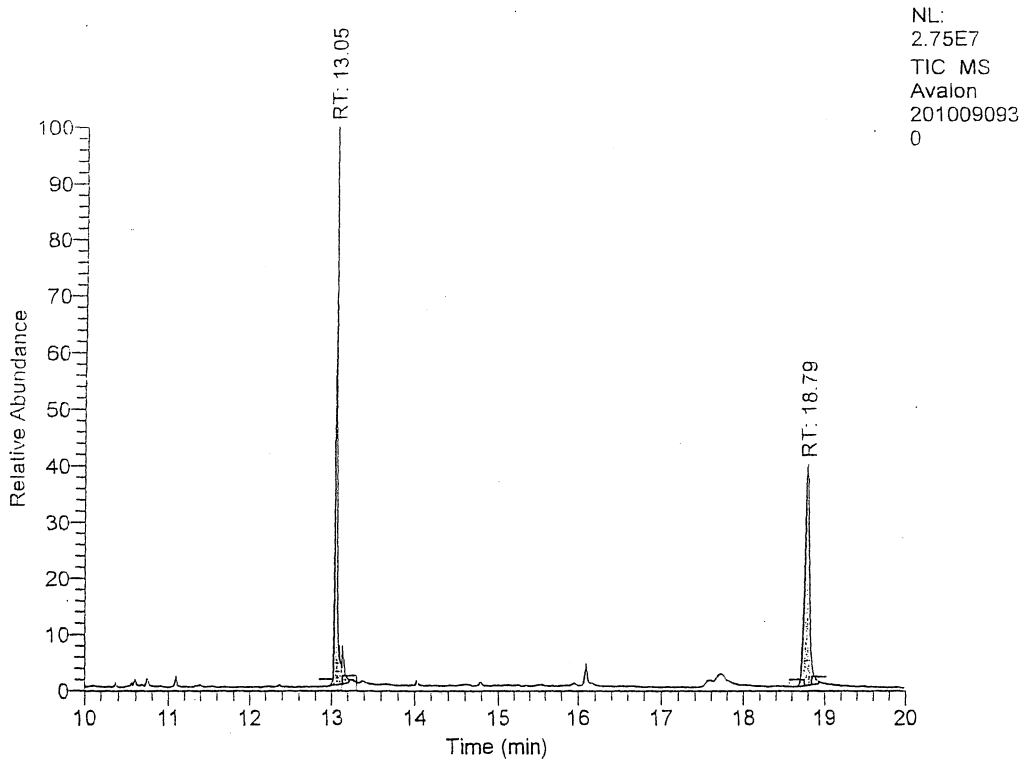


+ c Full ms [50.00-450.00]

BA 9/13/10
 3

RT: 10.00 - 20.00

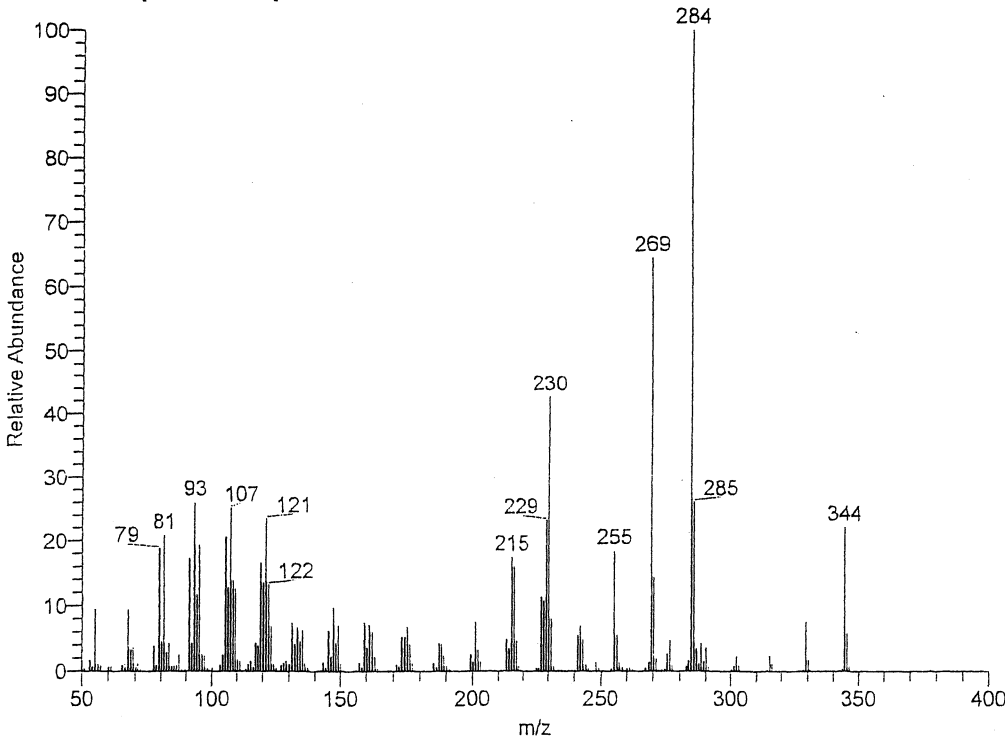
No errors during acquisition.



NL:
2.75E7
TIC MS
Avalon
201009093
0

2010090930 #524-528 RT: 18.71-18.78 AV: 5 SB: 2 18.68, 19.83 NL: 5.34E5
T: + c Full ms [50.00-450.00]

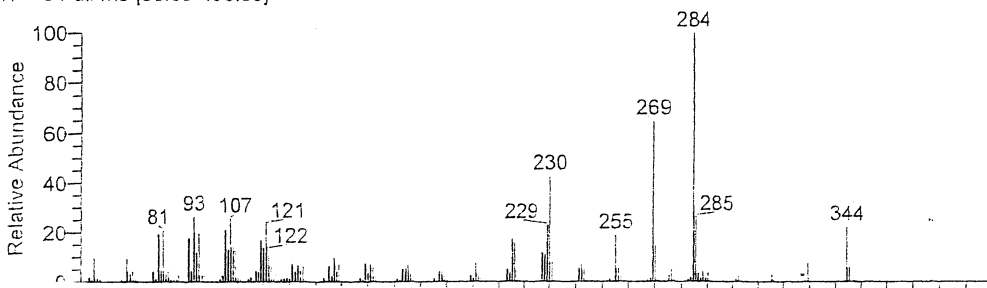
2010090930#524-528 RT:
SB: 2 18.68, 19.83
T: + c Full ms [50.00-450.00]
m/z= 269-345



m/z	Intensity	Relative
269	344173.8	64.42
270	76539.8	14.33
284	534230.2	100.00
285	139722.7	26.15
344	118368.1	22.16

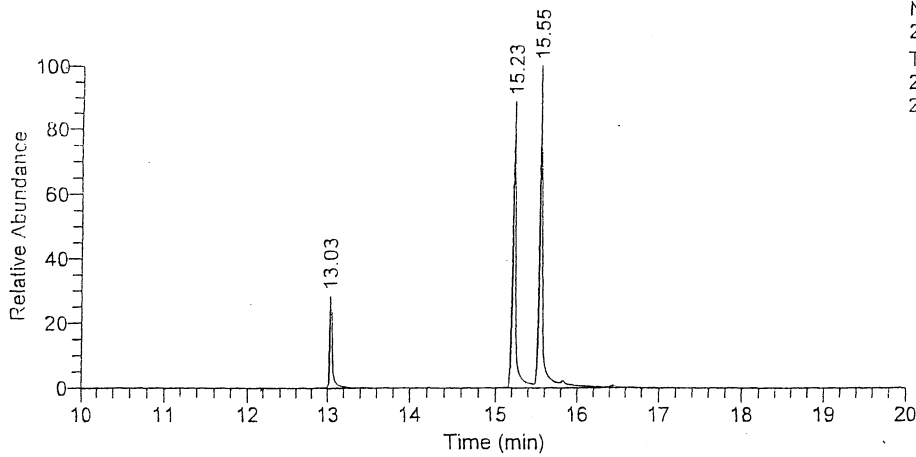
2010090930 #524-528 RT: 18.71-18.78 AV: 5 NL: 5.39E5
T: + c Full ms [50.00-450.00]

2010090930 Start S#: 524 End S#: 528
Start Time: 18.71 End Time: 18.78
+ c Full ms [50.00-450.00]



BA 9/13/10
132

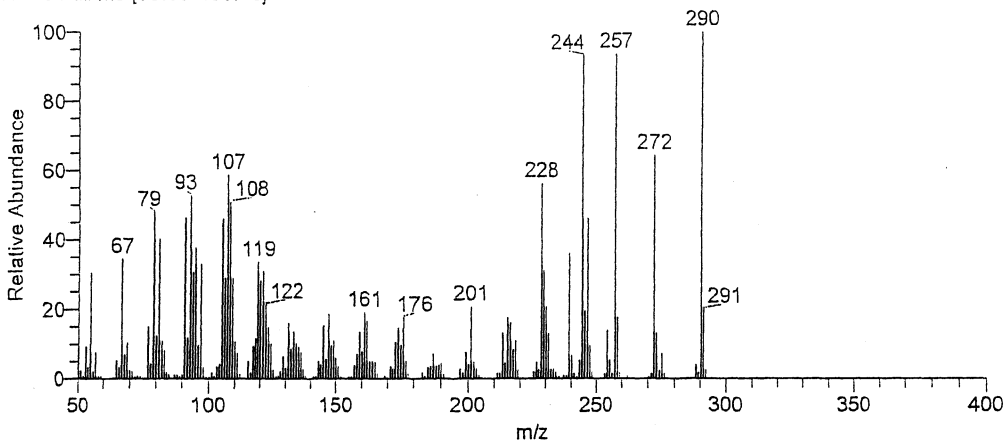
RT: 10.00 - 20.00



NL:
2.22E7
TIC MS
2010090932
2

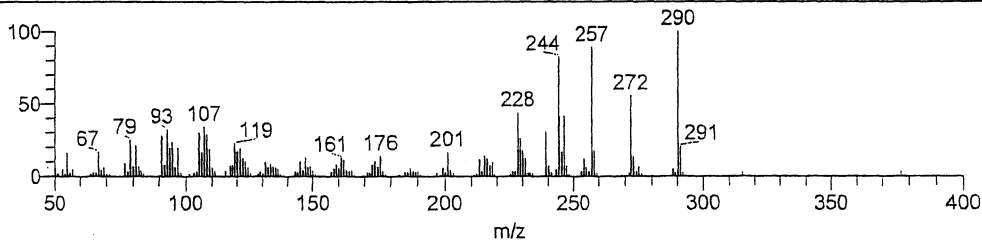
No errors during acquisition.

2010090932 #311-316 RT: 15.16-15.25 AV: 6 SB: 2 14.50, 16.50 NL: 3.69E5
T: + c Full ms [50.00-450.00]



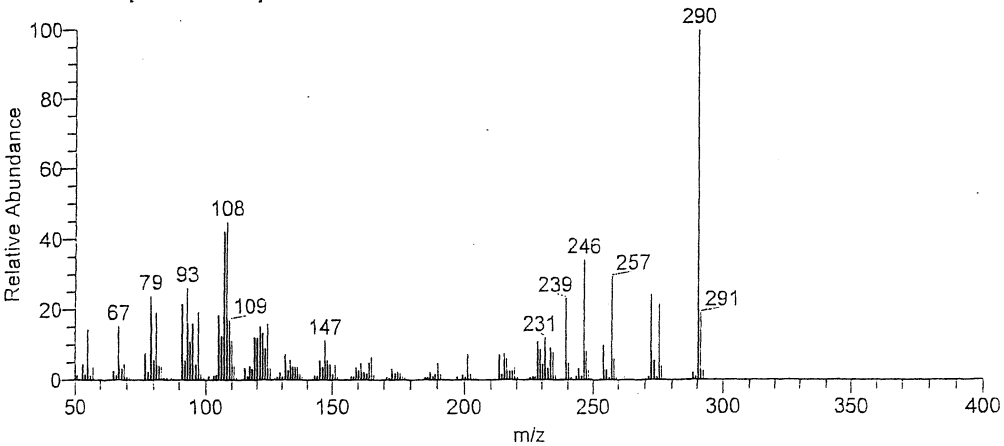
2010090932#311-316 RT:
SB: 2 14.50, 16.50
T: + c Full ms [50.00-450.00]
m/z= 243-291

m/z	Intensity	Relative
244	343130.2	93.09
246	169970.3	46.11
257	345064.5	93.61
272	236659.7	64.20
290	368619.7	100.00



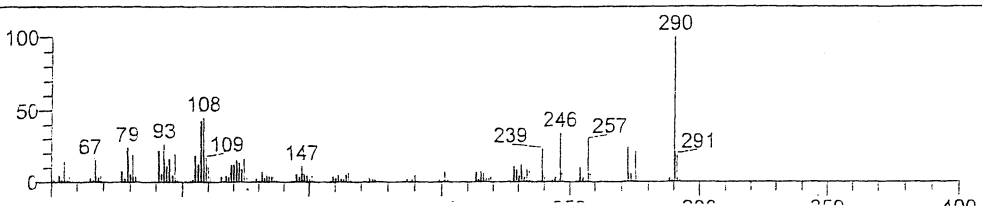
+ c Full ms [50.00-450.00]

2010090932 #331-335 RT: 15.50-15.56 AV: 5 SB: 2 14.50, 16.50 NL: 9.98E5
T: + c Full ms [50.00-450.00]



2010090932#331-335 RT:
SB: 2 14.50, 16.50
T: + c Full ms [50.00-450.00]
m/z= 243-291

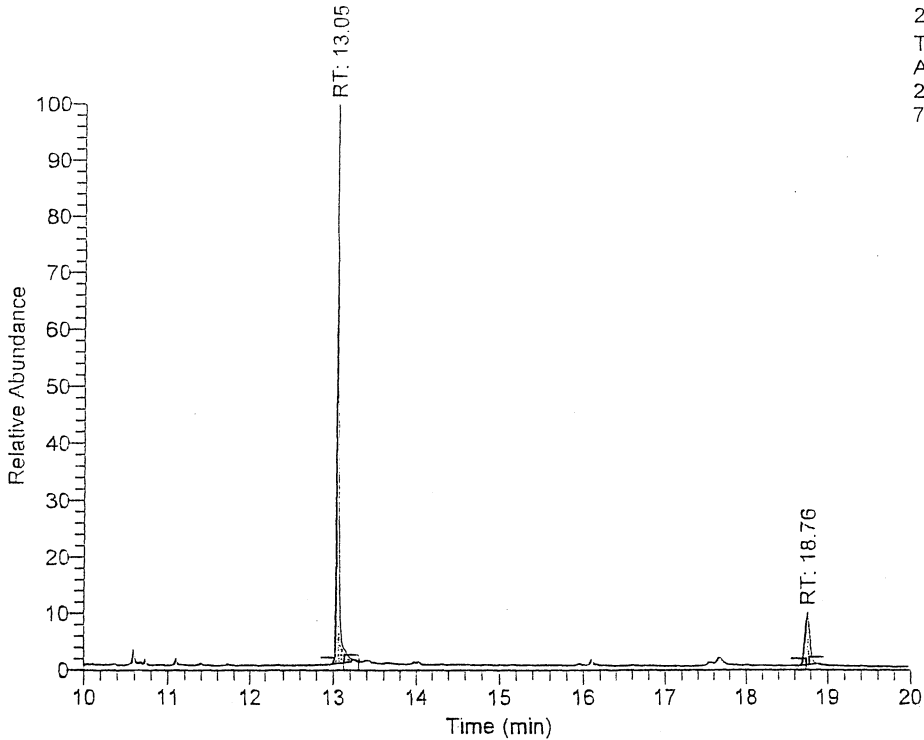
m/z	Intensity	Relative
246	340562.5	34.13
257	294291.5	29.49
272	242083.7	24.26
275	214253.0	21.47
290	997966.1	100.00



+ c Full ms [50.00-450.00]

BA 9/13/10
133

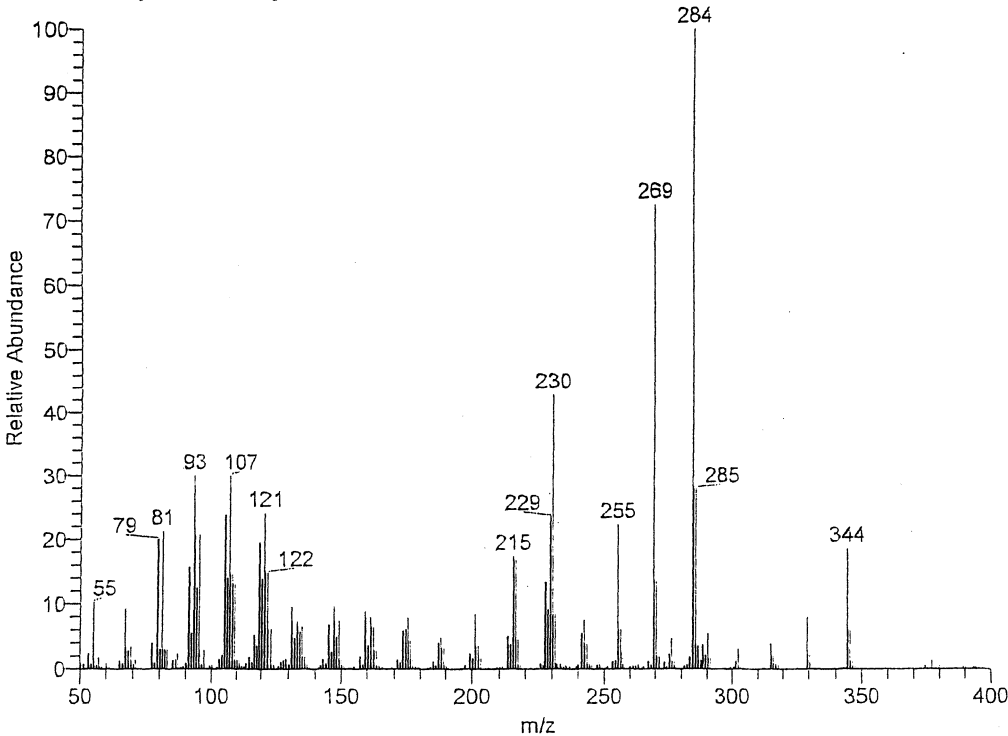
RT: 10.00 - 20.00



NL:
 2.14E7
 TIC MS
 Avalon
 201009091
 7

No errors during acquisition.

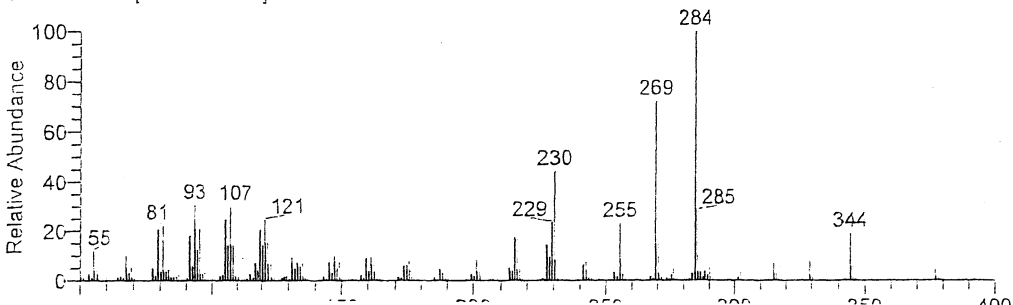
2010090917 #524-528 RT: 18.71-18.78 AV: 5 SB: 2 18.68, 19.83 NL: 1.29E5
 T: + c Full ms [50.00-450.00]



2010090917#524-528 RT:
 SB: 2 18.68, 19.83
 T: + c Full ms [50.00-450.00]
 m/z= 269-345

m/z	Intensity	Relative
269	93845.1	72.48
270	17443.7	13.47
284	129481.4	100.00
285	36119.7	27.90
344	24016.4	18.55

2010090917 #524-528 RT: 18.71-18.78 AV: 5 NL: 1.31E5
 T: + c Full ms [50.00-450.00]



2010090917 Start S#: 524 End S#: 528
 Start Time: 18.71 End Time: 18.78
 + c Full ms [50.00-450.00]

BA 9/13/10

134

UCLA Olympic Analytical Laboratory

'A' SPECIMEN SUMMARY

Identification data evaluated according to WADA TD2010IDCR for:

Client: CSAC
 Folder: 55
 Bottle: 2487996
 UCLA Labcode: RKL09
 Analysis: A-Specimen

Substance: Etiocholanolone ISTD: 5 α -androstan-3 β -ol

		QCP4	TOLERANCE		RKL09	EVALUATION
Datafile		2010090929	LOWER	UPPER	2010090932	
ISTD RT (min)		13.05	12.95	13.15	13.03	
Compound RT (min)		15.21	15.11	15.31	15.23	PASS
Diagnostic Ion 1	290	100	NA	NA	100	
Diagnostic Ion 2	244	98.58	88.58	108.58	93.09	PASS
Diagnostic Ion 3	257	99.17	89.17	109.17	93.61	PASS

Substance: Androsterone ISTD: 5 α -androstan-3 β -ol

		QCP4	TOLERANCE		RKL09	EVALUATION
Datafile		2010090929	LOWER	UPPER	2010090932	
ISTD RT (min)		13.05	12.95	13.15	13.03	
Compound RT (min)		15.55	15.45	15.65	15.55	PASS
Diagnostic Ion 1	290	100	NA	NA	100	
Diagnostic Ion 2	246	36.95	29.56	44.34	34.13	PASS
Diagnostic Ion 3	257	32.98	26.38	39.57	29.49	PASS

Substance: Pregnanediol diacetate ISTD: 5 α -androstan-3 β -ol

		QCP5	TOLERANCE		RKL09	EVALUATION
Datafile		2010090930	LOWER	UPPER	2010090917	
ISTD RT (min)		13.05	12.95	13.15	13.05	
Compound RT (min)		18.79	18.69	18.89	18.76	PASS
Diagnostic Ion 1	284	100	NA	NA	100	
Diagnostic Ion 2	269	64.42	54.42	74.42	72.48	PASS
Diagnostic Ion 3	344	22.16	17.16	27.16	18.55	PASS

CONCLUSION: Identification criteria are met for the following substances:

Etiocholanolone
 Androsterone
 Pregnanediol

BA 9/13/10

SS. 9/13/10

135

GC/IRMS RUN INSTRUMENT VERIFICATION DATA SUMMARY

PEAK SHAPE (High voltage scan over 2.98-3.03 kV range)

m/z 45 peak center within m/z 44 plateau

m/z 45 peak center within m/z 46 plateau

LINEARITY

$\delta^{13}\text{C}(\text{‰})$ vs. background subtracted m/z 44 (V) slope magnitude $<0.066\text{‰}/\text{V}$

STABILITY

$\delta^{13}\text{C}(\text{‰})$ standard deviation $<0.06\text{‰}$

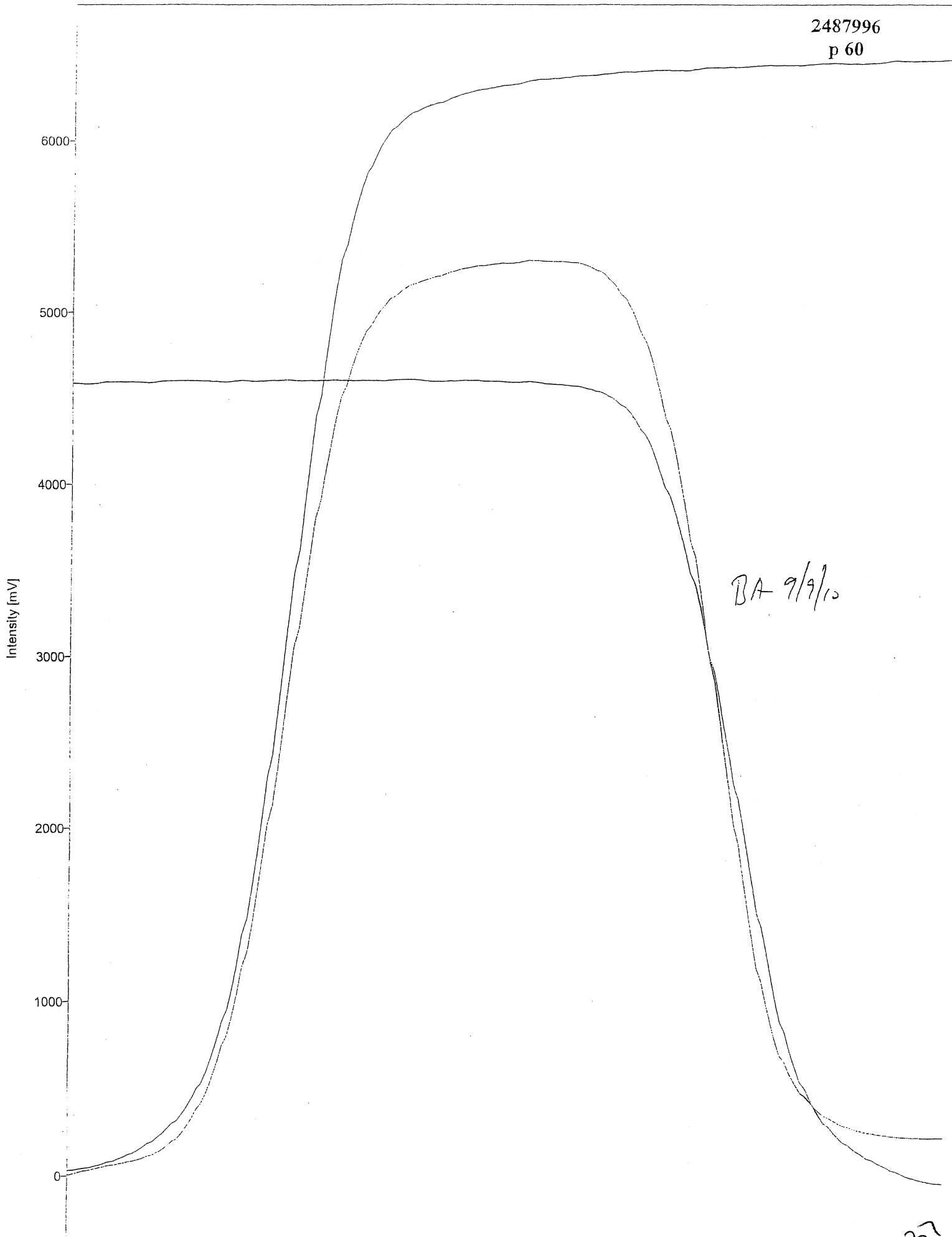
DSQII

RF Frequency test passed

Detector gain test passed

Mass calibration test passed

Leak Check test passed



LINEARITY ANALYSIS (% δ /V)

Analysis Date: 12/29/2009

Datafile: 091229_CO2 OnOff Linearity 1

N	44 (mV)	44 (V)	BGD 44 (mV)	BGD 44 (V)	BGD sub 44 (V)	$\delta^{13}\text{C}\text{‰}$
1	630	0.630	14.7	0.0147	0.615	-29.889
2	1227	1.227	14.5	0.0145	1.213	-30.250
3	2022	2.022	14.6	0.0146	2.007	-30.529
4	2827	2.827	14.7	0.0147	2.812	-30.657
5	3722	3.722	14.8	0.0148	3.707	-30.759
6	4912	4.912	15.0	0.0150	4.897	-30.746
7	6380	6.380	15.2	0.0152	6.365	-30.766
8	7648	7.648	15.8	0.0158	7.632	-30.901
9	9051	9.051	15.8	0.0158	9.035	-30.793
10	10289	10.289	16.1	0.0161	10.273	-30.698

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.713
R Square	0.509
Adjusted R Square	0.447
Standard Error	0.228
Observations	10

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.431	0.431	8.289	0.021
Residual	8	0.416	0.052		
Total	9	0.848			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-30.282	0.131	-230.379	0.000	-30.586	-29.979	-30.586	-29.979
X Variable 1	0.065	0.023	-2.879	0.021	-0.117	-0.013	-0.117	-0.013

PASS BA 12/29/09

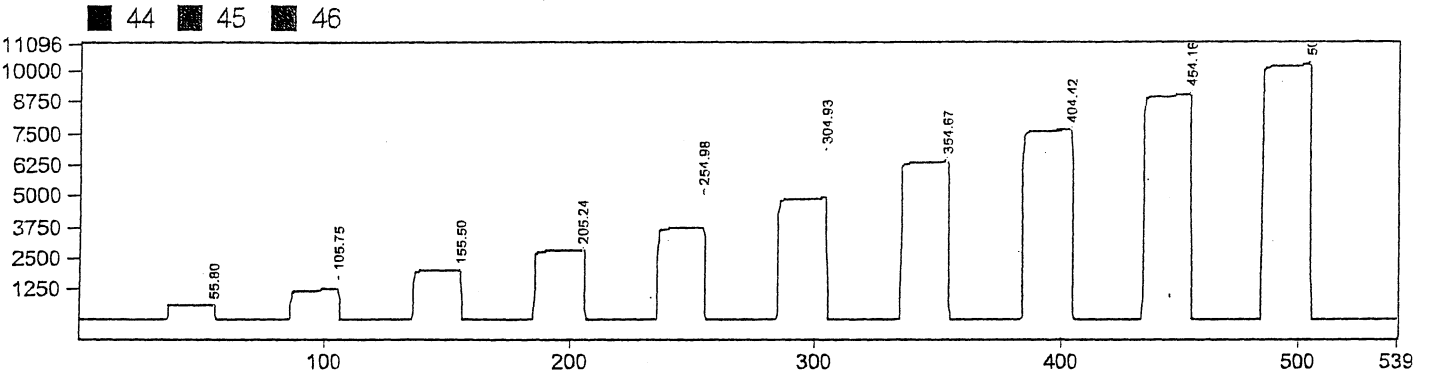
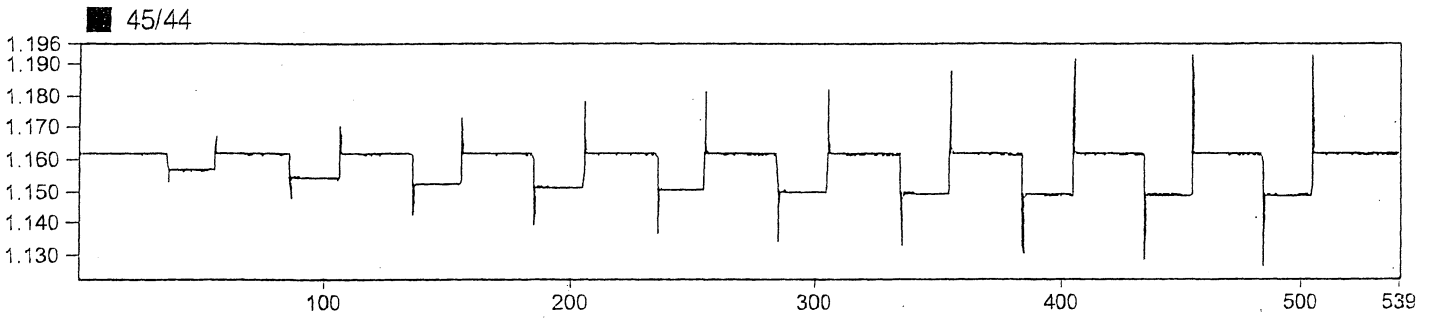
UCLA Olympic Analytical Laboratory

GC II-III Interface Results

2487996
p 62

Row	AS Sample	AS Method	Identifier 1	Identifier 2	Comment	Preparation	Method
1		Disabled	CO2 OnOff Linearity				PZOAL GC CO2 std onoff

C:\Thermo\Isodat NT\Global\User\GC II-III Interface\Results\Maintenance\091229\091229_CO2 OnOff Linearity 1.dxf



Component	Start [s]	Rt [s]	End [s]	Ampl. 44 [mV]	BGD 44 [mV]	BGD 45 [mV]	BGD 46 [mV]	Area All [Vs]	d 13C/12C [per mil] vs. VPDB
-	35.5	55.8	60.0	630	14.7	18.9	25.5	12.553	-29.889
-	85.3	105.8	107.6	1227	14.5	18.6	24.9	24.100	-30.250
-	135.0	155.5	158.4	2022	14.6	18.7	25.3	40.094	-30.529
-	184.8	205.2	213.4	2827	14.7	18.7	25.3	54.394	-30.657
-	234.7	255.0	264.4	3722	14.8	18.9	25.5	71.900	-30.759
-	284.4	304.9	313.3	4912	15.0	19.1	25.7	94.857	-30.746
-	334.2	354.7	365.8	6380	15.2	19.3	26.0	123.679	-30.766
-	382.7	404.4	411.7	7648	15.8	19.9	26.8	153.486	-30.901
-	433.7	454.2	466.9	9051	15.8	19.9	26.8	175.851	-30.793
-	483.4	504.1	517.3	10289	16.1	20.3	27.2	199.557	-30.698

BA 12/29/09

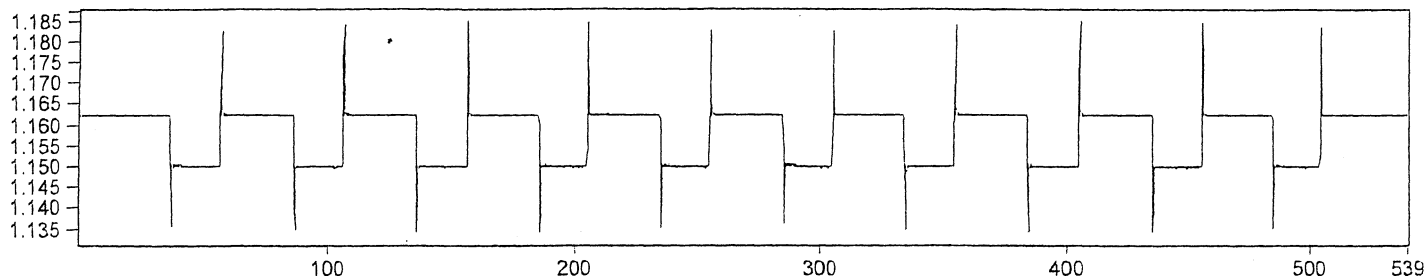
Tuesday, December 29, 2009 1

UCLA Olympic Analytical Laboratory GC II-III Interface Results

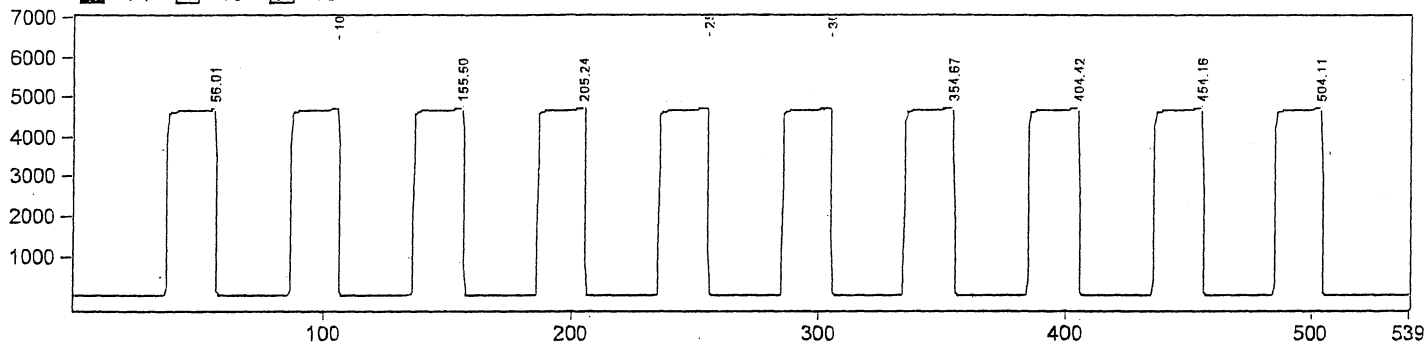
Row	AS Sample	AS Method	Identifier 1	Identifier 2	Comment	Preparation	Method
7		Disabled	CO2 OnOff 7				PZOAL GC CO2 std onoff

Z:\Results\Maintenance\091229\091229_CO2 OnOff 7.dxf

45/44



44 45 46



Component	Start [s]	Rt [s]	End [s]	Ampl. 44 [mV]	BGD 44 [mV]	BGD 45 [mV]	BGD 46 [mV]	Area All [Vs]	d 13C/12C [per mil] vs. VPDB
-	35.5	56.0	66.0	4691	14.0	18.6	25.7	90.932	-30.519
-	85.3	105.8	115.6	4692	14.7	19.3	26.7	91.042	-30.631
-	135.0	155.5	165.1	4697	14.8	19.5	26.9	91.086	-30.682
-	185.0	205.2	214.4	4695	14.8	19.5	26.9	91.006	-30.657
-	234.7	255.2	264.0	4701	14.9	19.5	26.9	91.016	-30.614
-	284.4	304.9	314.3	4697	14.9	19.5	26.9	91.068	-30.572
-	334.2	354.7	363.9	4695	14.9	19.6	27.0	90.955	-30.629
-	383.9	404.4	414.4	4693	14.9	19.6	26.9	91.044	-30.609
-	433.7	454.2	464.2	4693	14.9	19.5	27.0	91.074	-30.665
-	483.6	504.1	514.1	4697	14.9	19.5	26.9	91.042	-30.588

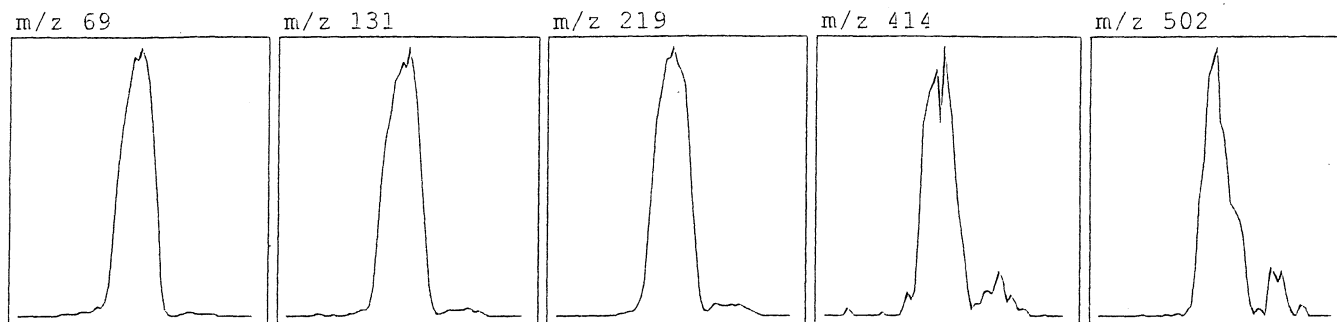
Mean -30.6
SD 0.048
BA 12/29/09

140

Tune Report
Instrument: PATH32359UOL

Source: EI
Rod DC: B DC/RF: 0.930

Thu Sep 09 15:31:30 2010
Operator: DSQ



<u>Theory</u>	<u>Actual</u>	<u>Apex</u>	<u>Intensity</u>	<u>% Base Pk</u>	<u>Isotope Ratio</u>
69.0	69.0	69.1	1208653	100.0	1.2
131.0	131.0	131.1	873793	72.3	3.2
219.0	218.9	219.0	836092	69.2	4.1
414.0	414.0	414.0	114255	9.5	9.5
502.0	502.0	502.0	130342	10.8	10.2

Automatic Tune

Calibration	Result	Parameters	Last Calibrated
RF Frequency	Passed	1098.5 kHz	Sep 09, 2010 03:20 PM
Detector	Passed	3e5 @ 1343 V	Sep 09, 2010 03:23 PM
Mass	Passed	44.82, -42.91 -0.73, 0.33	Sep 09, 2010 03:31 PM
Resolution (+)	Passed	0.0240, 0.0245 0.3542, 0.3567 9.4964, 4.9816	Sep 09, 2010 03:31 PM
Leak Check	Passed	5.9% of reference	

Tune file: pzoall - Tune Completed

Lens 1	= -25.00 V	Ion Source Temp (250)	= 250 C
Lens 2	= -7.03 V	Fore Pressure	= 14 mTorr
Lens 3	= -25.00 V		
Electron Lens	= 15.00 V		
Electron Energy	= -70.00 V		
Prefilter Offset	= -5.00 V		
Emission Current	= 100.00 μ A		

Tune Factors

Mass = 25.0	Start = 1000	End = 1000
Mass = 51.5	Start = 321	End = 321
Mass = 78.5	Start = 436	End = 436
Mass = 132.5	Start = 216	End = 216
Mass = 220.5	Start = 683	End = 683
Mass = 415.5	Start = 779	End = 779

Mass-Resolution Tuning Factors

Mass = 1.0	Ion Offset = 2.9	Res. Factor = 1.62
Mass = 1050.0	Ion Offset = 5.0	Res. Factor = 3.22

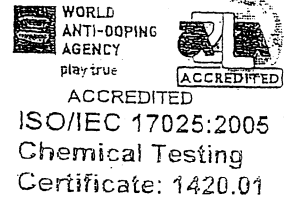
BA 9/9/10

"A" Sample Laboratory pH and Specific Gravity

UCLA Code	Specimen #	Lab pH	Lab SG
RKL09	2487996	5.5	1.029



UCLA Olympic Analytical Laboratory
UCLA School of Medicine
2122 Granville Ave. Los Angeles, CA 90025
Phone (310) 825-2635 Fax (310) 206-9077



CONFIDENTIAL
Carbon Isotope Ratio Report – CSAC55 (RKL09)

September 14, 2010

California State Athletic Commission
Attn: Sarah Waklee
2005 Evergreen Street, Ste. 2010
Sacramento, CA 95815
Fax: (916) 263-2197

Specimen number: 2487996
UCLA Code: RKL09
Sport: MMA
Collection date: 08/06/10
Date Received at Lab: 08/10/10
Date of Analysis: 09/07/10
Condition and custody of sample: Acceptable

Analysis: The urine sample was analyzed using method 8001, steroids by carbon isotope ratio by GC/IRMS.

Analytical Findings:

IRMS Laboratory Result:	<u>Δ (Pdiol-Etio)</u>	<u>Δ (Pdiol-Andro)</u>	<u>Result*</u>
	7.0 ± 0.9	5.9 ± 0.8	Adverse

* Where "Inconclusive" or "Negative" indicates results are consistent with endogenous origin and "Adverse" indicates results are consistent with administration of a steroid.

Unit of measurement for the two values is $\delta^{13}C$ [‰]. The value after the ± is the uncertainty of measurement (k=2).

Brian Ahrens		9/14/10
_____ Certifying Scientist	_____ Signature	_____ Date

143

EDMUND G. BROWN JR.
Attorney General

State of California
DEPARTMENT OF JUSTICE



RONALD REAGAN BUILDING
300 SOUTH SPRING STREET, SUITE 1702
LOS ANGELES, CA 90013

Public: (213) 897-2000
Telephone: (213) 897-8944
Facsimile: (213) 897-2804
E-Mail: karen.chappelle@doj.ca.gov

October 6, 2010

Sent by Facsimile and by First Class Mail

Howard L. Jacobs, Esq.
Law Offices of Howard L. Jacobs
2815 Townsgate Road, Suite 200
Westlake Village, CA 91361

Re: **CSAC v. CHAEL SONNEN**

Dear Mr. Jacobs:

As I promised yesterday, here is the licensing application packet of Chael Sonnen.

Sincerely,

A handwritten signature in black ink that reads "Karen Chappelle".

KAREN B. CHAPPELLE
Supervising Deputy Attorney General
Licensing Section

For EDMUND G. BROWN JR.
Attorney General

Enclosures

cc: George Dodd, Executive Officer, California State Athletic Commission

KBC:hg

144

LAW OFFICES OF HOWARD L. JACOBS

NOVEMBER 3, 2010

VIA E-MAIL [abutch@mednet.ucla.edu] AND REGULAR MAIL

Anthony Butch, Ph.D.
Director
UCLA Olympic Analytical Laboratory
2122 Granville Ave.
Los Angeles, CA 90025

Re: CSAC 2487996 / UCLA RKL09, MMA [collection date 8/6/2010]

Dear Dr. Butch:

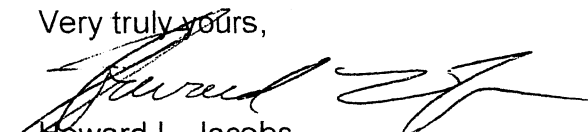
Please be advised that I represent the athlete in the above-referenced matter. Request is hereby made for a "litigation packet," consistent with what would be expected under the USADA Protocol for Olympic Movement Testing, related to the above-referenced sample, *limited to that testing that relates to the T/E ratio testing that was performed on the sample*. At this time, no request is being made for any documentation related to the carbon isotope ratio testing that was performed on the sample.

HV

This request is made subsequent to my request made to the California State Athletic Commission ("CSAC"), and at the direction of the CSAC who instructed that my request should be directed to the laboratory. If possible, it is requested that the documents be produced electronically to the e-mail address listed below, as opposed to mailing the documents.

Should you have any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,


Howard L. Jacobs

cc: George Dodd, California State Athletic Commission (via e-mail and regular mail)

2815 Townsgate Road, Suite 200
Westlake Village, California 91361
Tel. 805.418.9892 Tel. 818.292.8735

Cell. 818.422.0508
Fax. 805.418.9899

howard.jacobs@athleteslawyer.com
www.athleteslawyer.com



DEPARTMENT OF CONSUMER AFFAIRS
CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 11
Subcommittee Report
Muay Thai Subcommittee Update



**Summary of Meeting
Muay Thai Subcommittee Meeting
Van Nuys, California
October 18, 2010**

Meeting was called to order at 2:10 p.m. Present were Commissioners John Frierson and Christopher Giza, Executive Officer George Dodd, and Anita Scuri, legal counsel.

Commissioner Giza indicated to members of the audience that he would be asking them to present their concerns for their sport, the priority of those concerns, and their suggestions for possible solutions to the issues they raise. He indicated that a summary of the meeting will be posted online, with the ability for audience participants to suggest corrections, in order to ensure accuracy.

Attendees introduced themselves:	JT Steele	CAMO
	Jeremy Lappen	CAMO
	Bryan Dobler	Thai Boxing Association
	Walter Michalowski	Thai Boxing Association
	Robin Hart Cohen	Stand Up Promotion
	Montri Shnpanich	MTAA
	Jeff Baco	9 Diamonds Kickboxing
	Shannon Rainey	Thai Boxing Association
	Steve Fossum	International Fight Sports
	Anthony Lin	United States Muay Thai
	Dej Sri-Ampki	CSAC

Mr. Dodd indicated that the muay thai rules were missed between kickboxing and MMA rules—the sport is similar to MMA but no action took place on the ground.

The primary concerns by those in attendance (and their suggested solutions) are presented below.

Brian Dobler stated that his organization's primary concern was that, since amateur "smoker"—i.e. unregulated—events had been shut down, there is no path by which an amateur can progress to the professional rank and the inter-gym tournaments are not safely regulated. He presented the following options and comments:

1. Delegate the entire amateur portion of muay thai regulation to a nonprofit group. This does not address inter-gym tournaments but the delegation would have to address it.
2. Delegate "B" and "C" class (pre-amateur) to a nonprofit organization while the commission continues to regulate semi-pro and pro events. If regulation is inexpensive, then he thinks those responsible for such events would all go along and submit to the regulatory entity's jurisdiction.
3. Delegation should be to an absolutely neutral organization, with no ties to any group or to any product manufacturer. The classes delegated would have padded intergym fights with headgear for athletes just starting out. "C" class would permit punches, kicks, and knees but no elbows. Athletes would wear headgear and shin guards. "B" class would permit punches, kicks, knees, and elbows. Athletes would wear same equipment as "C" class and elbow pads. "A" class would permit punches, kicks, knees, and elbows. Athletes would

wear elbow pads but no shin guards or headgear. Athletes should be separated into these categories by age, weight, and experience.

4. There should be a pathway to licensure for officials.
5. There should be one set of standardized rules.

Jeff Baco supported the three classes because the sport needs a path to the pros. He believes the rules are unclear or inconsistently enforced (re equipment, weight of gloves, etc.). He has provided Mr. Dodd with a copy of the rules proposed by New Jersey State Athletic Commission and and urges adoption of those proposed rules. Another concern is that referees and judges are not knowledgeable about the sport of muay thai. They may understand boxing and kickboxing very well but not muay thai. There are many officials who want to do muay thai events and would be eager for training.

Anthony Linn expressed the following concerns:

1. There should be one set of standardized rules. They have submitted a set of rules to Mr. Dodd.
2. Improper training and improper equipment are the biggest causes of injury.
3. Referees and judges need training in the basics of the sport.
4. The rules are applied inconsistently.
5. There needs to be a path to gain experience in the use of elbows before turning pro—for the development of the sport.
6. Regulation needs to be accomplished so as to permit the sport to be financially viable.
7. Commission is doing a good job. Just need to tweak the rules, training the officials, and improve communication.
8. The commission should be the central data collection point. It can start by gathering information from all relevant databases.

Steve Fossum commented as follows:

1. Delegation is not the answer because it lacks the power of the state's authority to enforce laws.
2. The system is working in California—just need some training of officials and to improve consistency in applying the rules.
3. Cost can be reduced by using "inspectors in training" and other lower-cost personnel.

Robin Hart Cohen commented that safety of the fighters is the highest priority.

1. They need the same safety features as are applied to the pros. She agreed with other comments regarding inconsistency in applying the rules. She believes a data base of amateur athletes is extremely important.

Stakeholder Concerns and Suggestions:

1. **Safety of Amateur Muay Thai (AMT) athletes (see #2, #3 below) – Concerns:** It was recognized by all present that proper safety for AMT athletes was a unifying goal. There were many avenues proposed to improve AMT safety, including adoption of consistent AMT rules, standard AMT equipment, proper training for AMT officials, education of AMT stakeholders, providing more opportunities for supervised competition in the amateur ranks, establishing an accurate database(s) of AMT combatant records. Within this context there was discussion about having different 'levels' of amateur competition, perhaps with different levels of safety equipment. There was also discussion about unsanctioned "Smoker" events and how they were handled (see #6 below - currently, if CSAC is notified about such events, they dispatch an inspector with local law enforcement to deliver a 'cease and desist' order).

Proposed solutions: Standardization of the rules and equipment, more AMT-specific training, combining or using multiple AMT databases were all suggestions as to ways of improving AMT fighter safety. See below (#2, #3, #4) for specific suggested actions to promote AMT safety.

2. **Lack of consistent rules for AMT, differences with amateur kickboxing and MMA – Concerns:** Many commented on uncertainty regarding which rules pertained to AMT with regards to fighting, equipment and even the ring/venue.

Proposed solutions: EO Dodd indicated that some of these inconsistencies were currently being corrected by careful review of the existing law, including education of both CSAC personnel and stakeholders as to the appropriate regulations.

- a. **Fighting rules** – many differences between AMT and kickboxing, including 8 legal striking areas vs only 4 for kickboxing. MT fits better under the existing general rules for MMA.

Proposed solutions: Two versions of proposed AMT rules were provided to the AMT subcommittee to review and compare with the existing CSAC rules. Once CSAC staff have compiled these different versions, a comprehensive standard rule set will be drafted and provided for public comment. Given the challenges with rule modifications that require legislation, it is desirable to work within the existing rule structure and only propose legislative changes where necessary.

- b. **Equipment** – many specific inconsistencies were raised, particularly with regards to AMT, including use of shin guards, head protection and booties.

Proposed solutions: Again, equipment requirements will be clarified and more consistently enforced under currently existing rules. In addition, areas where existing regulation may need modification will be identified and pursued.

c. Venue/setting – several stakeholders indicated fighting arenas/rings that were unacceptably close to walls or other features with the potential to cause injury.

Proposed solutions: Clearly, any unsafe features will not be permitted at supervised events. The starting point for this is existing regulation, but changes will be pursued when necessary.

- 3. Variable qualifications of officials, proper training to officiate AMT – Concerns:** Comments were made regarding lack of knowledge of specific MT/AMT rules/regulations, and/or inconsistent application of existing regulations. Officials with expertise in other combatant disciplines but limited knowledge of MT/AMT were reportedly being assigned to these AMT events.

Proposed solutions: Review and modification of existing rules to create a standard set of rules for AMT will help. EO Dodd also indicated a desire to move ahead with specific MT training for officials in the near future. Multiple stakeholder organizations generously offered assistance in training officials for Muay Thai.

- 4. Proper advancement of AMT athletes – Concerns:** Multiple items were raised, including inaccurate record keeping, lack of a legitimate path to pros and lack of opportunity for experience at the amateur level. Overall there is a recognition that these problems put US AMT athletes at a disadvantage, as they often have less than 10-15 fights when competing internationally, against individuals from other countries who may have 20-40 amateur matches. There are substantial challenges to accurately determining an athlete's record so that they may be matched appropriately. There is no single fight database and different organizations have shown variable levels of cooperation when accepting fighter credentials. It is also recognized that relying solely on the fighter's statement without some independent verification of his/her record would be inaccurate and could lead to mismatches.

Proposed solutions: Multiple actions were proposed to improve this, including #2, #3, #5. The stakeholder organizations present have also offered use of their existing fight record databases for review by CSAC licensing staff. Licensing staff may need to review several sources to confirm fight records; in addition, the upcoming implementation of a computerized database at the CSAC will eventually allow confirmation of matches that occur within-state.

- 5. Making AMT matches affordable and desirable for promoters – Concerns:** Promoters emphasized the importance of ensuring affordability of AMT matches to encourage them to schedule these events. Once the costs of registration/licensure, medical personnel, officials, etc. are tabulated, it is important for these events to be financially viable. Estimates of \$5000-9000 were cited as the range of potential costs for an AMT event.

Proposed solutions: Consider using some officials-in-training at AMT events to reduce costs. Review CSAC fees for amateur events. Clarification of licensing, equipment and venue requirements might also help reduce expenses.

6. **Unsanctioned “Smoker” events – enforcement – Concerns:** There were differing levels of concern regarding the degree to which unlicensed ‘smoker’ events were now occurring; however, all agreed that such unlicensed and unsupervised events raised potential health and safety risks for the athletes.

Proposed solutions: Several opinions were expressed as to how the number of these unsanctioned events might be reduced. These included creating a legal regulated pathway for gaining experience in AMT, reducing licensing costs to encourage promoters to host more AMT events and stricter enforcement of ‘cease and desist’ orders when illegal matches are discovered. Some felt that enforcement of AMT rules for these events would best be served by delegating authority to a third party, others felt that the authority of the state (namely through the CSAC) was a more effective means of enforcement. Many stakeholders felt that the current system was already working pretty well but could be improved.

7. **Inconsistent communication between CSAC and promoters/trainers re: AMT – Concerns:** Several stakeholders mentioned inconsistent information and enforcement regarding the rules for AMT from different CSAC staff and officials. This includes when stakeholders contact the office for advice/information regarding an AMT event, but may also include circumstances when CSAC personnel are not familiar with the rules/regulations related to AMT.

Proposed solutions: EO Dodd indicated that we could immediately begin working on this through staff and stakeholder education. This would be an ongoing process as rules were clarified and/or modified in the future.

The meeting was adjourned at 4:15 p.m.



DEPARTMENT OF CONSUMER AFFAIRS

CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 12
USA Boxing
Northern California Report





DEPARTMENT OF CONSUMER AFFAIRS

CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 13.a
Bout Appeal
Adam Rothweiler Vs. Nick Garcia





DEPARTMENT OF CONSUMER AFFAIRS

CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 13.b
Bout Appeal
Ryan Roy Vs. Joe Schilling





DEPARTMENT OF CONSUMER AFFAIRS

CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 14
Neurological/Boxer Pension Fund Report to
Legislation





California State Athletic Commission
2005 Evergreen Street Suite 2010
Sacramento, CA 95815
www.dca.ca.gov/csac/
(916) 263-2195 FAX (916) 263-2197



December 2, 2010

The Honorable Gloria Negrete McLeod, Chair
Senate Committee on Business, Professions and Economic Development
State Capitol Room 2053
Sacramento, CA 95814

The Honorable Mary Hayashi, Chair
Assembly Committee on Business, Professions, and Consumer Protection
State Capitol, Room 3013
Sacramento, CA 95814

Madame Chairs:

This report is submitted pursuant to the California Business and Professions Code Section 18618, which was enacted in Assembly Bill 329/Nakanishi (Chapter 2, stats. of 2007).

This bill requires the Commission to report to the Governor and the Legislature with findings and recommendations concerning the State Athletic Commission Neurologic Examination Account on or before July 30, 2010. Please accept our sincere apology for the delay in this report. This report shall include the amount collected from each promoter pursuant to Section 18711, the purpose for which moneys in the account are expended, and findings and recommendation on the amounts, appropriateness, and effectiveness of these assessments. Additionally, this report will discuss the condition of the Boxers' Pension Fund. It will include a recommendation on whether the fund should be continued and, if so, whether it should be expanded to include all athletes licensed under this chapter and appropriate fees paid into the funds.

As shown in attachment A, the Neurologic Examination Account is well funded and in a healthy state to fund the necessary expenditures as dictated by the Commission. For FY-10, the Athletic Commission collected \$157,000 from 205 events regulated by the Commission, reflecting \$616,000 as the current balance. Given the size of the balance, the Commission recommends suspending the Neurologic Fund. The Commission would like to revisit the funding of this account annually. At this point, no funds have been released from this account.

The Commission recommends utilizing this fund to assess the neurologic effects related to combative sports. Some of these funds will be used to create a medical data base that would track and identify trends in neurologic and other injuries including catastrophic brain injuries. Additionally, the fund would allow for the re-development of a neuropsychological testing program for its athlete licensees. Years ago, the Commission utilized a neuropsychological test as a condition of licensure. This test was especially designed for the California State Athletic Commission. Some time ago, that test was abandoned and replaced with a mini-mental status examination (MMSE). The MMSE was not designed for concussion evaluation in athletes, but for diagnosing dementia. Recently, computerized neuropsychological testing has become available. It has been widely used in other athletic programs, including professional football and hockey, but has only been used on a limited basis for professional boxers and other combative athletes. Computerized testing has many

advantages over other forms of neuropsychological testing. These advantages include availability in multiple languages, minimal test – re-test learning, and digitized storage/retrieval of results. In other sports, these computerized tests are used to supplement clinical evaluations for determining return-to-play. Computerized testing has two potential applications for athletes licensed by the California Athletic Commission. First, the exam may be used to assess the appropriateness and safety of licensure. Secondly, the computerized test may be used to assist in developing improved return-to-competition guidelines. Because of the novelty of this form of neuropsychological testing, an extended trial period followed by careful analysis of the results will be necessary. The Commission estimates that a one year trial period would be necessary to understand the benefits and limitations of this form of testing. Currently, the Commission is seeking bids from various vendors who operate these computerized neuropsychological tests, and a subcommittee has been formed to develop an appropriate study design and analytical plan for this data.

Regarding the Boxers' Pension Fund, California is the only state that provides a pension program for retired professional boxers at age 50. This fund is a defined contribution plan that is paid by each professional promoter and Indian tribes that hold events in California. The boxer does not have to be a resident of the State of California to participate in the fund. The only requirement is that the athlete become vested into the fund by fighting in at least 10 scheduled rounds per calendar year during each of the four calendar years without an intervening break in service and has fought in at least 75 scheduled rounds without a break in service. The distribution of the funds is conducted in one of three ways: 1) one lump sum at the age of 50, 2) upon death, 3) Vocational Early Retirement once the athlete reaches age 36 and retires from boxing. Recently, the Athletic Commission extended the service contract of Raymond James Financial Services, Inc. to act as a discretionary investment advisor, an independent fiduciary, and an investment manager with our strict oversight to conservatively invest within the contract guidelines. Again, as with the Neurological fund, the Boxer Pension Fund remains in a healthy status, with over 5.2 millions dollars available for the fund. In July, 2005, an audit was conducted on the Boxer Pension Fund that listed some areas of concern for the continuation of funding this program. In response to those concerns, the Athletic Commission has made changes which allow more individuals to become vested in this pension program. Currently, out of 1,046 boxers, 472 are vested. The California State Athletic Commission is currently debating the expansion of this program to other athlete licensees. At this point, expanding the program has not been recommended.

Respectively,

George Dodd
Executive Officer



DEPARTMENT OF CONSUMER AFFAIRS

CALIFORNIA STATE ATHLETIC COMMISSION

Agenda Item 15
Agenda Items and Meeting Date for Future
Meetings

