











2

10/7/2015

Worklist: 863

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2015-1284	1	43097	6.1.2 Blood Cannabinoids by Lt	
C2015-1341	1	43098	6.1.2 Blood Cannabinoids by Lt	
M2015-2561	1	43099	6.1.2 Blood Cannabinoids by Lt	
M2015-2639	2	43101	6.1.2 Blood Cannabinoids by Lt	
P2015-1668	1	43104	6.1.2 Blood Cannabinoids by Lt	
P2015-1673	2	43105	6.1.2 Blood Cannabinoids by Lt	
P2015-1677	1	43106	6.1.2 Blood Cannabinoids by Lt	
P2015-1794	1	43107	6.1.2 Blood Cannabinoids by Lt	
P2015-1818	1	43108	6.1.2 Blood Cannabinoids by Lt	
P2015-1820	1	43109	6.1.2 Blood Cannabinoids by Lt	

Reviewed by BAW 10/28/2015



Reviewed by DND on 11/04/2015



Worklist Report



Worklist Path: C:\MassHunter\ISP Methods\worklists\CS-B-CANN100515CS.wkl
Date Modified: 10/05/2015 03:11:52 PM
Date Printed: 10/05/2015 03:12:02 PM

Worklist Run Parameters

Operator Name: 62340
Run Type: Standard Start
Part of Method to Run: Acquisition Only
Execution for Acquisition-DA: Synchronous
Acquisition Method Path: C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m
DA Method Path: D:\MassHunter\methods
Data File Path: C:\MassHunter\Data\CANN\CANN-092515
Pre-Worklist Script: ---
Post-Worklist Script: SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Acquisition Clean Up Script: SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Overlapped Injection: No
Clear sample selection after run: Yes
Wait Time for Ready(Min): 10
Threshold Disk Value(GB): 10
Comment: ---

Plate Barcode Information

Plate	Barcode
P1	
P2	

Worklist Table

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	Blank1-r001.d	Blank			
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	Blank2-r001.d	Blank			
P1-A2	Blood: 1_5 ng/mL	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	B_CAL1-r001.d	Calibration	1		c-THC @5ng/mL, all others @1 ng/mL
P1-A3	Blood: 2_10 ng/mL	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	B_CAL2_r001.d	Calibration	2		c-THC @10ng/mL, all others @2 ng/mL
P1-A4	Blood: 5_25 ng/mL	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	B_CAL3_r001.d	Calibration	3		c-THC @25ng/mL, all others @5 ng/mL
P1-A5			B_CAL4_r001.d	Calibration	4		

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
	Blood: 10_50 ng/mL	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m					c-THC @50ng/mL, all others @10 ng/mL
P1-A	Blood: 25_125 ng/mL	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	B_CAL5_r001.d	Calibration	5		c-THC @125ng/mL, all others @25 ng/mL
P1-A	Blood: 50_250 ng/mL	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	B_CAL_r001.d	Calibration			c-THC @250ng/mL, all others @50 ng/mL
P1-A	Blood: 100_500 ng/mL	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	B_CAL_r001.d	Calibration			c-THC @500ng/mL, all others @100 ng/mL
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	Carryover blank1_r001.d	Blank			
P1-A	Blood Negative Control	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	B-NC-r001.d	Sample			Negative Blood UTA Lot B0
P1-B1	Blood 3_15ng/mL	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	B-3_15-r001.d	Sample			c-THC @15ng/mL, all others @3 ng/mL
P1-A	Blank C2015-124-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	C2015-124-1_BL_r001.d	Blank			
P1-B2	C2015-124-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	C2015-124-1-r001.d	Sample			Blood
P1-A	Blank C2015-1341-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	C2015-1341-1_BL_r001.d	Blank			
P1-B3	C2015-1341-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	C2015-1341-1-r001.d	Sample			Blood
P1-A	Blank M2015-251-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	M2015-251-1_BL_r001.d	Blank			
P1-B4	M2015-251-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	M2015-251-1-r001.d	Sample			Blood
P1-A	Blank M2015-23-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	M2015-23-1_BL_r001.d	Blank			
P1-B5	M2015-23-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	M2015-23-1-r001.d	Sample			Blood
P1-A	Blank P2015-1-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-1-1_BL_r001.d	Blank			
P1-B	P2015-1-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-1-1-r001.d	Sample			Blood
P1-A				Blank			

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
	Blank P2015-13-2	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-13-2_BL_r001.d				
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	Carryover blank2_r001.d	Blank			
P1-C3	Blood 25_125ngmL	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	B-25_125-r001.d	Sample			c-THC @125ng/mL, all others @25 ng/mL
P1-B	P2015-13-2	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-13-2- r001.d	Sample			Blood
P1-A	Blank P2015-1-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-1-1_BL_r001.d	Blank			
P1-B	P2015-1-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-1-1- r001.d	Sample			Blood
P1-A	Blank P2015-14-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-14-1_BL_r001.d	Blank			
P1-B	P2015-14-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-14-1- r001.d	Sample			Blood
P1-A	Blank P2015-11-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-11-1_BL_r001.d	Blank			
P1-C1	P2015-11-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-11-1- r001.d	Sample			Blood
P1-A	Blank P2015-120-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-120-1_BL_r001.d	Blank			
P1-C2	P2015-120-1	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	P2015-120-1- r001.d	Sample			Blood
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	Blank3-r001.d	Blank			
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\isp blood cannabinoids.m	Blank4-r001.d	Blank			

CS

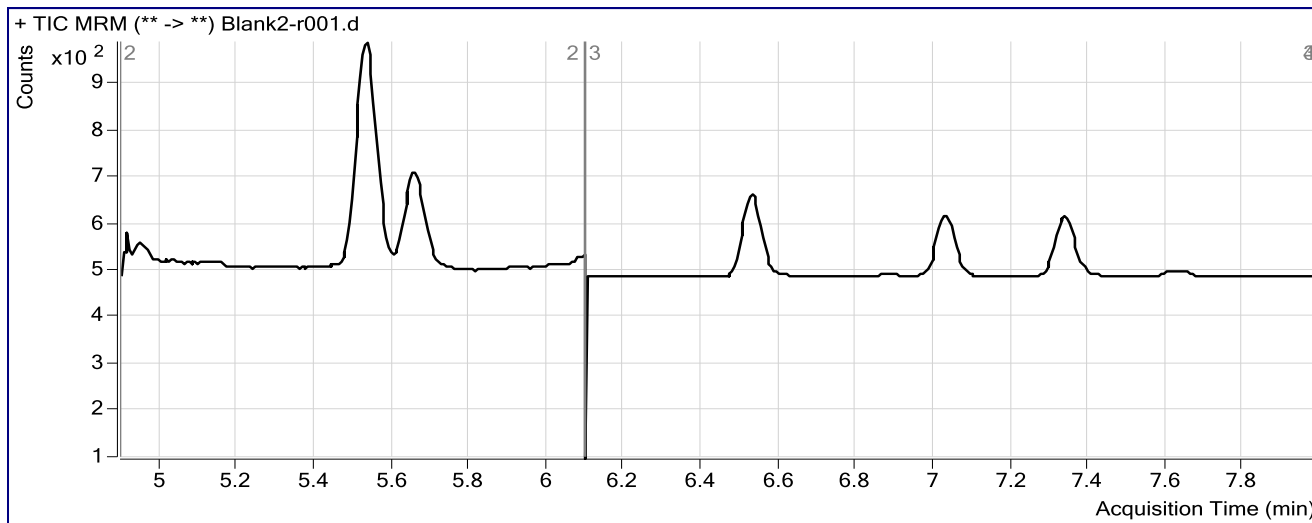
ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

Batch Data Path	C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin		
Analysis Time	10/26/2015 9:50 AM	Analyst Name	ISPUser
Report Time	10/26/2015 9:52 AM	Reporter Name	ISPUser
Last Calib Update	10/26/2015 9:50 AM	Batch State	Processed

Analysis Info

Acq Time	2015-10-05 15:33	Data File	Blank2-r001.d
Sample Type	Blank	Sample Name	Blank
Dilution	1	Acq Method	isp blood cannabinoids.m
Position	P1-A1	Sample Info	
Inj Vol	-1	Comment	

Sample Chromatogram



ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

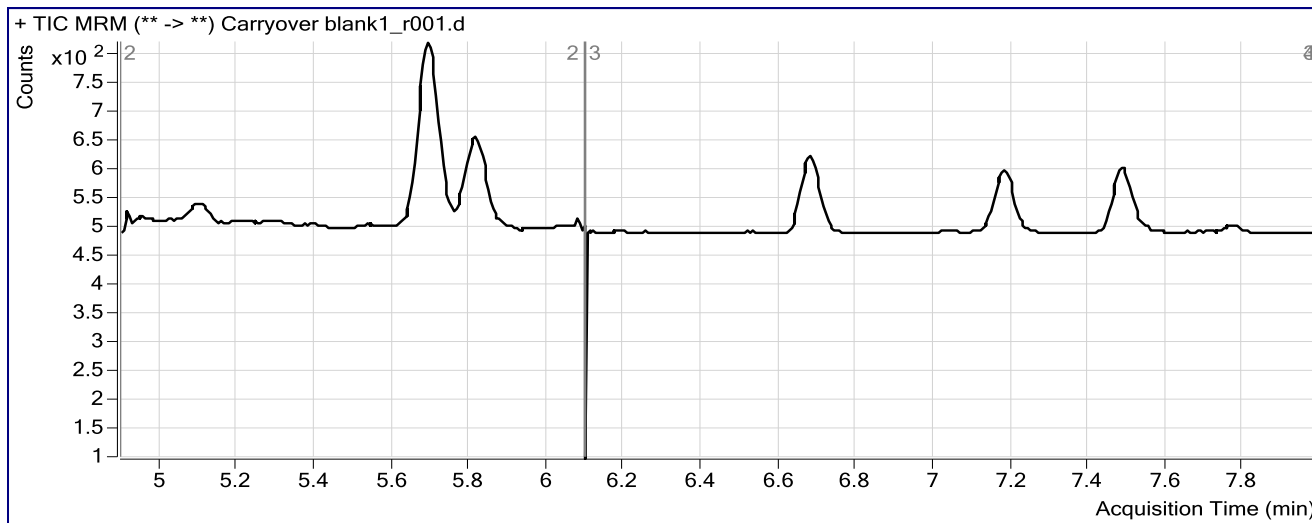


Batch Data Path	C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin		
Analysis Time	10/26/2015 9:50 AM	Analyst Name	ISPUser
Report Time	10/26/2015 9:52 AM	Reporter Name	ISPUser
Last Calib Update	10/26/2015 9:50 AM	Batch State	Processed

Analysis Info

Acq Time	2015-10-05 17:19	Data File	Carryover blank1_r001.d
Sample Type	Blank	Sample Name	Blank
Dilution	1	Acq Method	isp blood cannabinoids.m
Position	P1-A1	Sample Info	
Inj Vol	-1	Comment	

Sample Chromatogram



CS

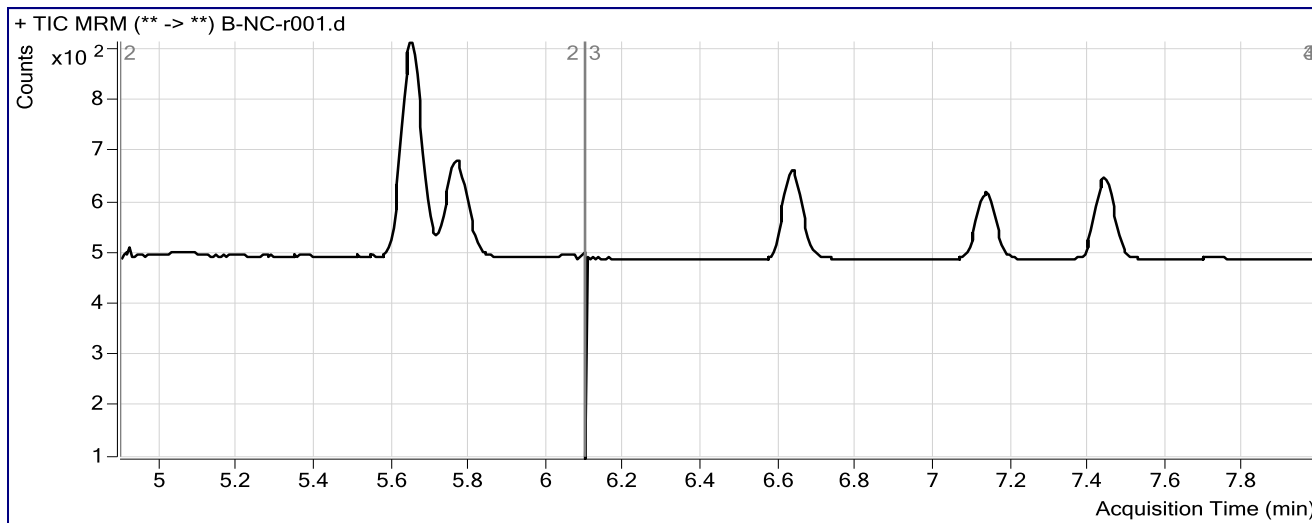
ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

Batch Data Path	C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin		
Analysis Time	10/26/2015 9:50 AM	Analyst Name	ISPUser
Report Time	10/26/2015 9:52 AM	Reporter Name	ISPUser
Last Calib Update	10/26/2015 9:50 AM	Batch State	Processed

Analysis Info

Acq Time	2015-10-05 17:32	Data File	B-NC-r001.d
Sample Type	Sample	Sample Name	Blood Negative Control
Dilution	1	Acq Method	isp blood cannabinoids.m
Position	P1-A9	Sample Info	Negative Blood UTAK Lot B0689
Inj Vol	-1	Comment	

Sample Chromatogram



ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

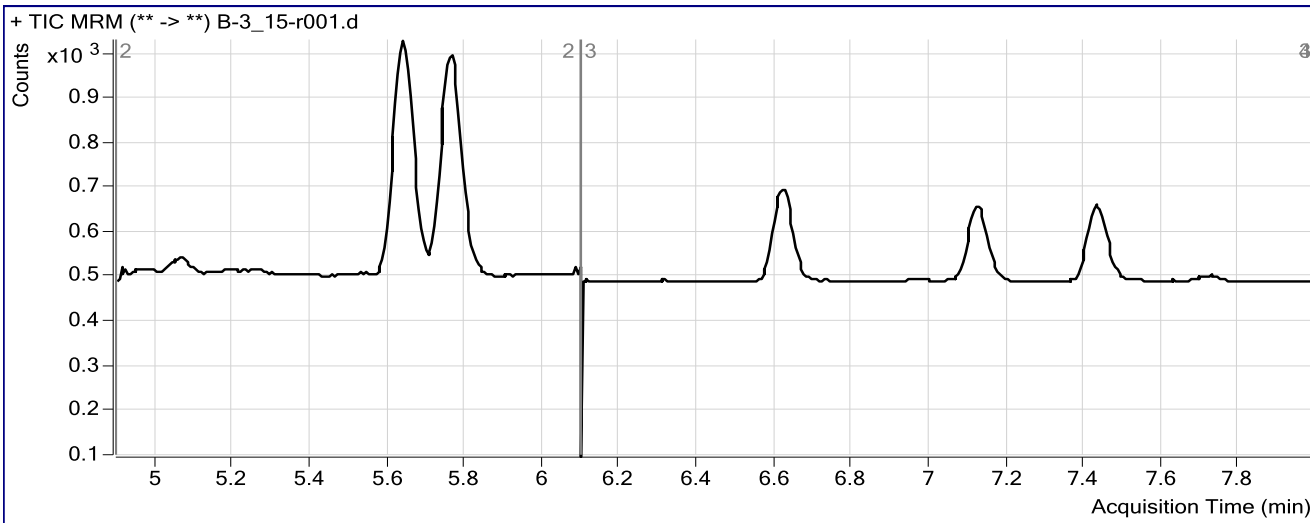


Batch Data Path C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin
Analysis Time 10/26/2015 9:50 AM **Analyst Name** ISPUser
Report Time 10/26/2015 9:52 AM **Reporter Name** ISPUser
Last Calib Update 10/26/2015 9:50 AM **Batch State** Processed

Analysis Info

Acq Time 2015-10-05 17:45 **Data File** B-3_15-r001.d
Sample Type Sample **Sample Name** Blood 3_15ng/mL
Dilution 1 **Acq Method** isp blood cannabinoids.m
Position P1-B1 **Sample Info** c-THC @15ng/mL, all others @3 ng/mL
Inj Vol -1 **Comment**

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
OH-THC	OH-THC-d3	5.649	449	1042	0.4306	2.6454
THC-COOH	THC-COOH-d3	5.764	444	274	1.6171	9.9085
Cannabidiol	Cannabidiol-d3	6.623	68	249	0.2746	2.1822
Cannabinol	Cannabinol-d3	7.124	136	330	0.4121	3.1011
THC	THC-d3	7.435	65	214	0.3016	2.4846

CS

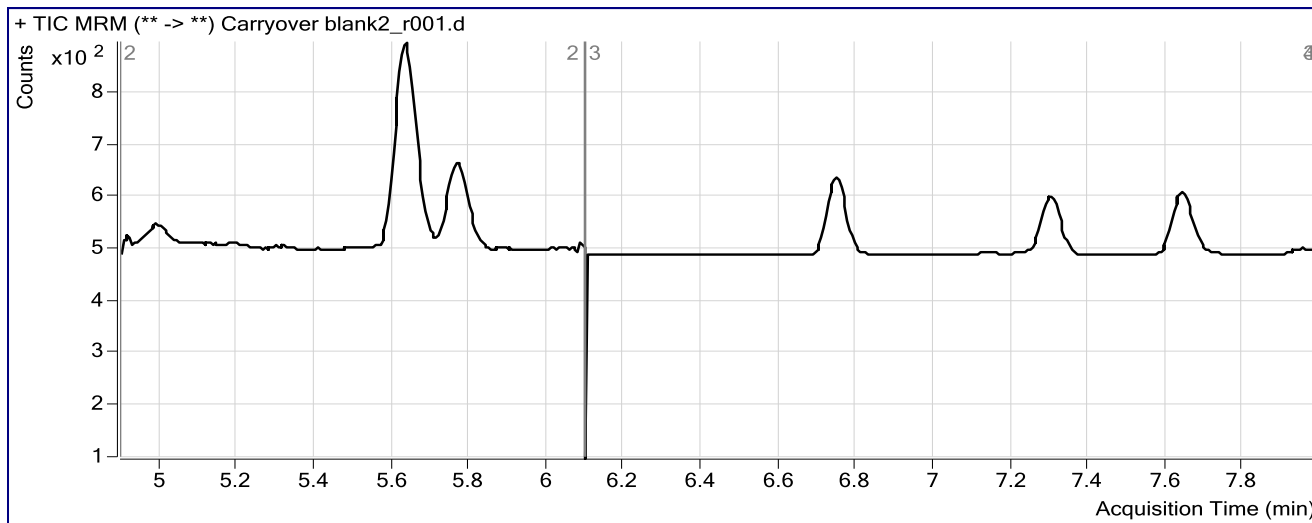
ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

Batch Data Path	C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin		
Analysis Time	10/26/2015 9:50 AM	Analyst Name	ISPUser
Report Time	10/26/2015 9:52 AM	Reporter Name	ISPUser
Last Calib Update	10/26/2015 9:50 AM	Batch State	Processed

Analysis Info

Acq Time	2015-10-05 20:36	Data File	Carryover blank2_r001.d
Sample Type	Blank	Sample Name	Blank
Dilution	1	Acq Method	isp blood cannabinoids.m
Position	P1-A1	Sample Info	
Inj Vol	-1	Comment	

Sample Chromatogram



ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

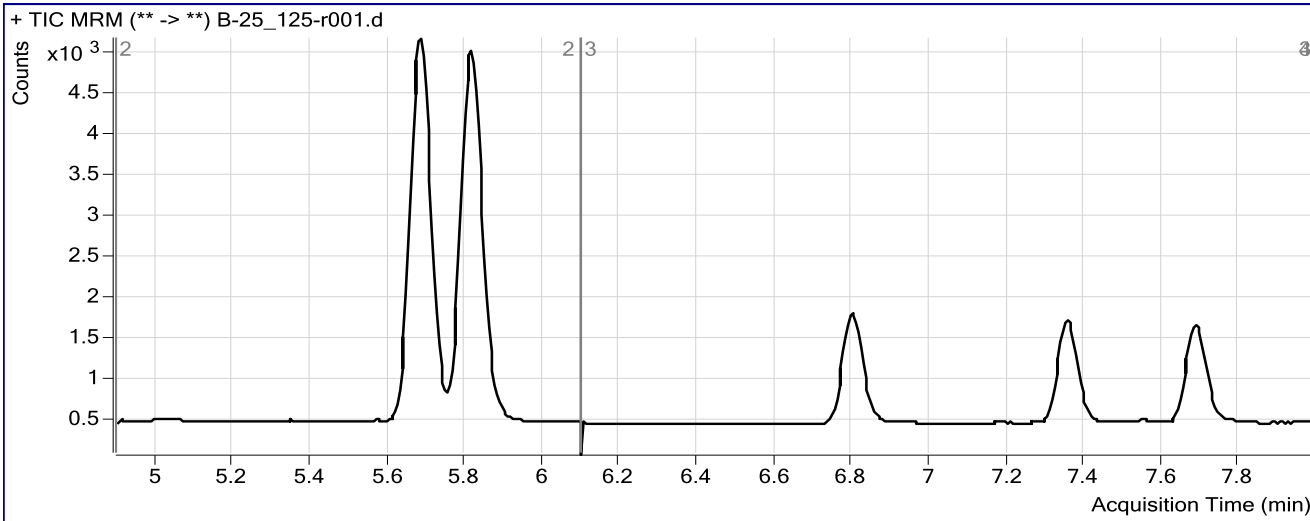


Batch Data Path C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin
Analysis Time 10/26/2015 9:50 AM **Analyst Name** ISPUser
Report Time 10/26/2015 9:52 AM **Reporter Name** ISPUser
Last Calib Update 10/26/2015 9:50 AM **Batch State** Processed

Analysis Info

Acq Time 2015-10-05 20:49 **Data File** B-25_125-r001.d
Sample Type Sample **Sample Name** Blood 25_125ngmL
Dilution 1 **Acq Method** isp blood cannabinoids.m
Position P1-C3 **Sample Info** c-THC @125ng/mL, all others @25 ng/mL
Inj Vol -1 **Comment**

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
OH-THC	OH-THC-d3	5.689	12310	1259	9.7797	62.4398
THC-COOH	THC-COOH-d3	5.815	5339	267	19.9963	122.9284
Cannabidiol	Cannabidiol-d3	6.796	1520	240	6.3387	49.2489

CS

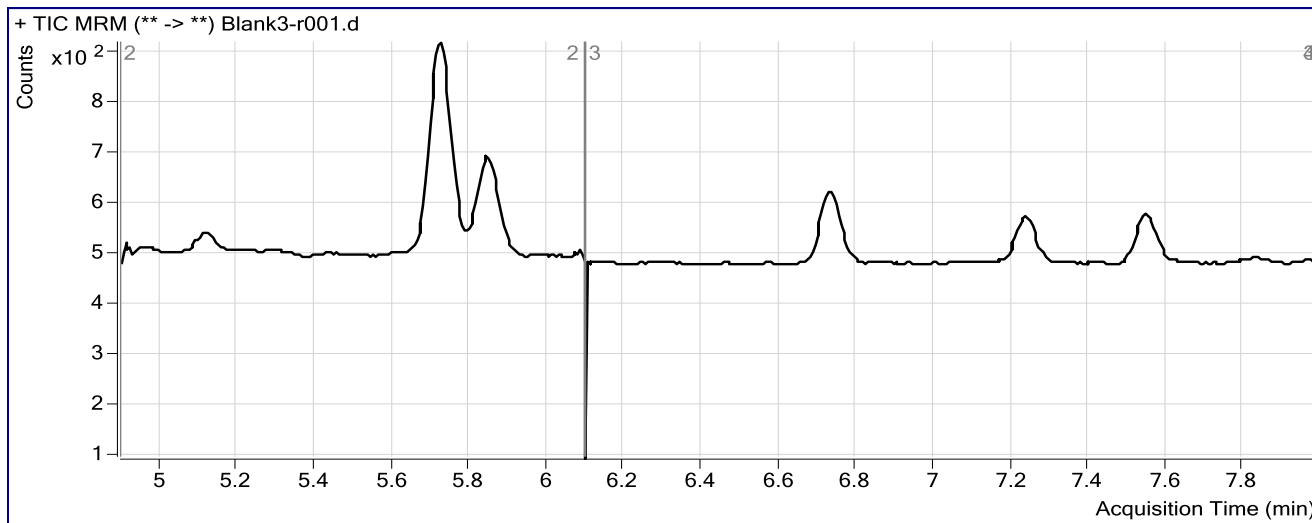
ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

Batch Data Path	C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin		
Analysis Time	10/26/2015 9:50 AM	Analyst Name	ISPUser
Report Time	10/26/2015 9:52 AM	Reporter Name	ISPUser
Last Calib Update	10/26/2015 9:50 AM	Batch State	Processed

Analysis Info

Acq Time	2015-10-06 12:05	Data File	Blank3-r001.d
Sample Type	Blank	Sample Name	Blank
Dilution	1	Acq Method	isp blood cannabinoids.m
Position	P1-A1	Sample Info	
Inj Vol	-1	Comment	

Sample Chromatogram



e3

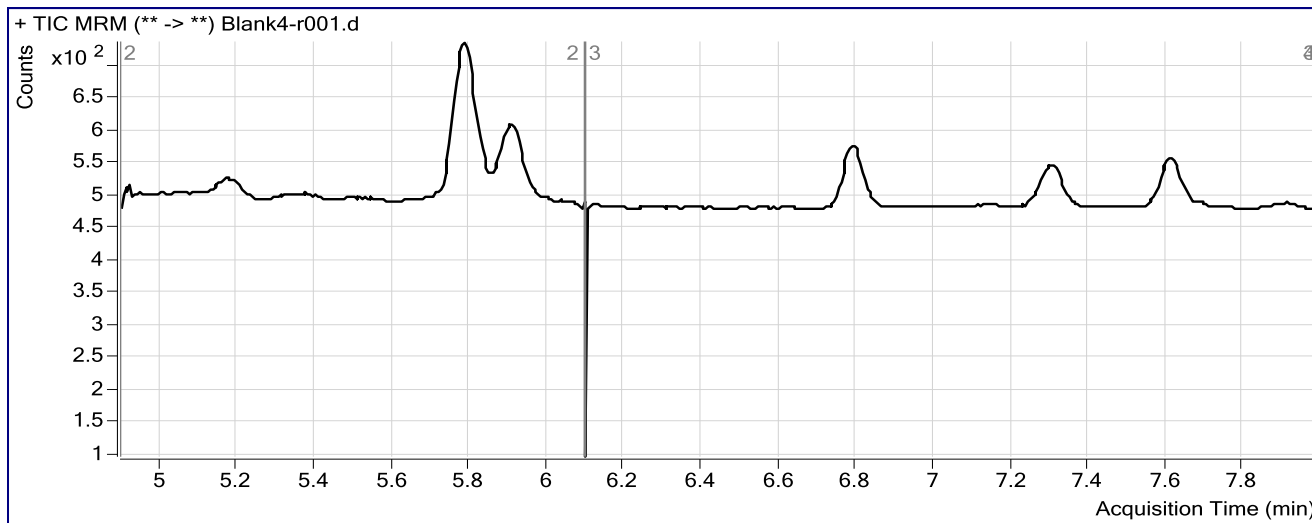
ISP FORENSICS
Pocatello
Cannabinoid Analysis Report

Batch Data Path	C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin		
Analysis Time	10/26/2015 9:50 AM	Analyst Name	ISPUser
Report Time	10/26/2015 9:52 AM	Reporter Name	ISPUser
Last Calib Update	10/26/2015 9:50 AM	Batch State	Processed

Analysis Info

Acq Time	2015-10-06 12:18	Data File	Blank4-r001.d
Sample Type	Blank	Sample Name	Blank
Dilution	1	Acq Method	isp blood cannabinoids.m
Position	P1-A1	Sample Info	
Inj Vol	-1	Comment	

Sample Chromatogram

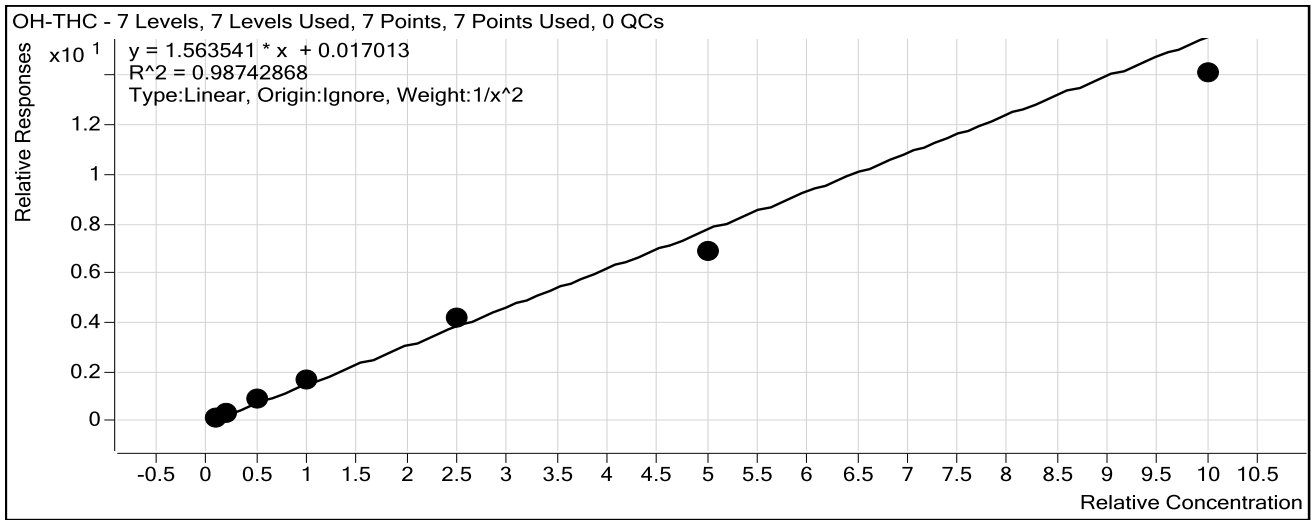


ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin

Last Calib Update 10/26/2015 9:50 AM **Analyst Name** ISP TOX

Target Compound OH-THC
Internal Standard OH-THC-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input checked="" type="checkbox"/>	1	1.0	97.6
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	2.0	97.9
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	5.8	115.9
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	10.4	103.7
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	26.6	106.4
Blood: 50_250 ng/mL	6	<input checked="" type="checkbox"/>	50	44.2	88.5
Blood: 100_500 ng/mL	7	<input checked="" type="checkbox"/>	100	90.1	90.1

ISP Forensics Calibration Curve Report

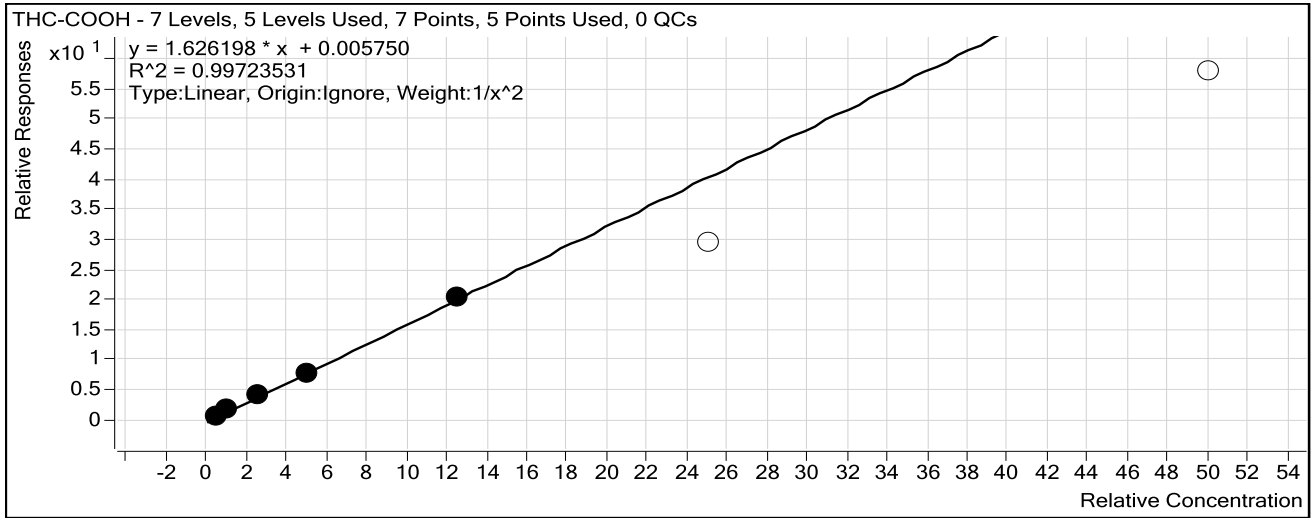
Batch Data Path C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin

Last Calib Update 10/26/2015 9:50 AM

Analyst Name ISP TOX

Target Compound *THC-COOH*

Internal Standard *THC-COOH-d3*



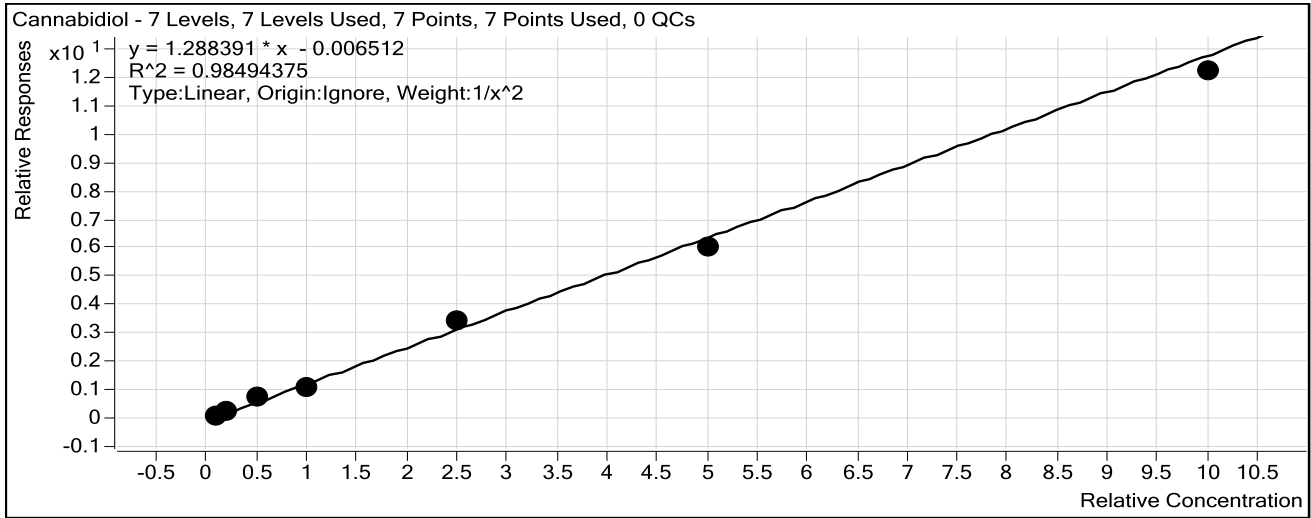
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input checked="" type="checkbox"/>	5	4.9	98.2
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.3	103.0
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.1	104.6
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.1	94.2
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	125	125.1	100.0
Blood: 50_250 ng/mL	6	<input type="checkbox"/>	250	181.1	72.4
Blood: 100_500 ng/mL	7	<input type="checkbox"/>	500	356.2	71.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin

Last Calib Update 10/26/2015 9:50 AM **Analyst Name** ISP TOX

Target Compound *Cannabidiol*
Internal Standard *Cannabidiol-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input checked="" type="checkbox"/>	1	0.9	94.8
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	2.1	106.0
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	5.9	117.1
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	8.7	86.5
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	26.8	107.3
Blood: 50_250 ng/mL	6	<input checked="" type="checkbox"/>	50	46.7	93.4
Blood: 100_500 ng/mL	7	<input checked="" type="checkbox"/>	100	94.9	94.9

ISP Forensics Calibration Curve Report

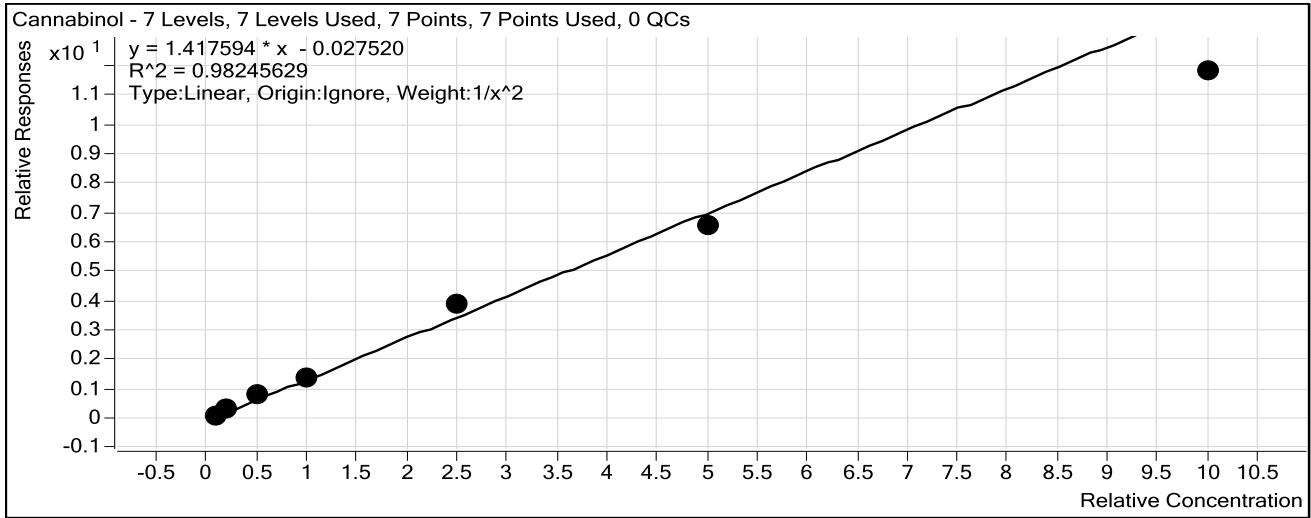
Batch Data Path C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin

Last Calib Update 10/26/2015 9:50 AM

Analyst Name ISP TOX

Target Compound *Cannabinol*

Internal Standard *Cannabinol-d3*



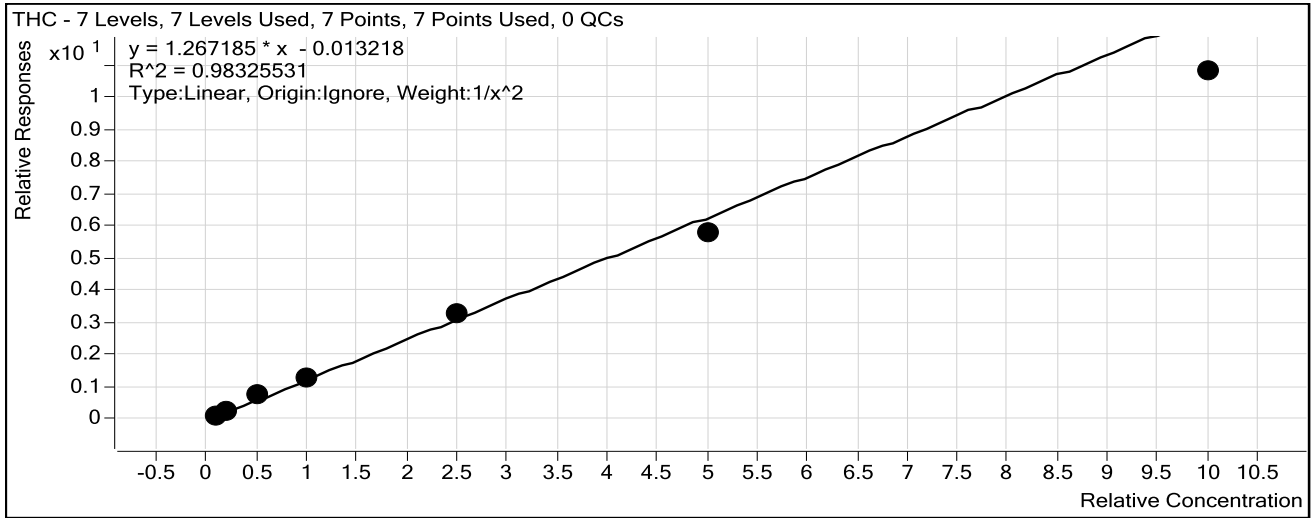
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input checked="" type="checkbox"/>	1	0.9	92.1
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	2.2	111.0
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	5.6	112.2
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	9.9	98.6
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	27.6	110.2
Blood: 50_250 ng/mL	6	<input checked="" type="checkbox"/>	50	46.2	92.5
Blood: 100_500 ng/mL	7	<input checked="" type="checkbox"/>	100	83.4	83.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\CANN\CANN-100515\QuantResults\CANN-B-100515 CS.batch.bin

Last Calib Update 10/26/2015 9:50 AM **Analyst Name** ISP TOX

Target Compound *THC*
Internal Standard *THC-d3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
Blood: 1_5 ng/mL	1	<input checked="" type="checkbox"/>	1	0.9	93.1
Blood: 2_10 ng/mL	2	<input checked="" type="checkbox"/>	2	2.1	106.5
Blood: 5_25 ng/mL	3	<input checked="" type="checkbox"/>	5	5.9	118.5
Blood: 10_50 ng/mL	4	<input checked="" type="checkbox"/>	10	10.2	101.6
Blood: 25_125 ng/mL	5	<input checked="" type="checkbox"/>	25	25.9	103.6
Blood: 50_250 ng/mL	6	<input checked="" type="checkbox"/>	50	45.8	91.6
Blood: 100_500 ng/mL	7	<input checked="" type="checkbox"/>	100	85.2	85.2