
























Worklist: 1653

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
C2017-0556	1	79941	AM 25/AM 26 Blood MultiDrug/	
C2017-0557	1	79947	AM 25/AM 26 Blood MultiDrug/	
C2017-0558	1	79954	AM 25/AM 26 Blood MultiDrug/	
C2017-0559	1	79956	AM 25/AM 26 Blood MultiDrug/	
C2017-0584	1	80318	AM 25/AM 26 Blood MultiDrug/	
C2017-0601	1	80575	AM 25/AM 26 Blood MultiDrug/	
C2017-0608	1	80690	AM 25/AM 26 Blood MultiDrug/	
C2017-0625	1	80926	AM 25/AM 26 Blood MultiDrug/	
C2017-0626	1	80928	AM 25/AM 26 Blood MultiDrug/	
C2017-0665	1	81281	AM 25/AM 26 Blood MultiDrug/	
M2017-1058	1	81126	AM 25/AM 26 Blood MultiDrug/	
M2017-1095	1	81120	AM 25/AM 26 Blood MultiDrug/	
M2017-1096	1	81124	AM 25/AM 26 Blood MultiDrug/	
M2017-1115	1	81106	AM 25/AM 26 Blood MultiDrug/	
M2017-1122	1	81104	AM 25/AM 26 Blood MultiDrug/	
M2017-1165	2	80312	AM 25/AM 26 Blood MultiDrug/	
M2017-1209	1	81109	AM 25/AM 26 Blood MultiDrug/	
M2017-1223	1	81110	AM 25/AM 26 Blood MultiDrug/	
M2017-1261	2	80316	AM 25/AM 26 Blood MultiDrug/	
M2017-1280	1	81112	AM 25/AM 26 Blood MultiDrug/	
M2017-1301	1	81125	AM 25/AM 26 Blood MultiDrug/	
M2017-1308	2	80204	AM 25/AM 26 Blood MultiDrug/	
P2017-0738	1	81119	AM 25/AM 26 Blood MultiDrug/	



THC and Metabolites Screen in Blood by LC-MS/MS

Extraction Date: 4-10-17

Analyst: Anne Nord

PRE-ANALYTIC

Plate Lot# _____ Stock THC plate: 0483844 Plate Exp: 6/15/2017

- 1. Ensure all solutions are within expiration date.
 - Mobile Phase A: **10mM Amm Formate**
 - Mobile Phase B: **0.1% FA in MeOH**
 - Blank/Negative Blood: **Lot 321632-1**
 - Column: **Phenomenex Phenyl Hexyl (4.6 x 50mm; 2.6um)**
 - **0.1% Formic Acid in water**
 - **MTBE**
 - **Hexane**
- 2. Check levels of mobile phases and needle wash and refill as necessary. Ensure waste is not full.
- 3. Begin mobile phase flow and allow system to equilibrate for approx. 30 min.
- 4. Create worklist. Data path name: 4-10-17 blood screen AM 25-26

ANALYTIC

- 1. Remove standards plate, blood, and samples from cold storage. Allow to reach room temperature.
- 2. Add **1000 µL blood** to wells of analytical (standards) plate. Mix via aspirate and dispense.
 - Blank blood for locations containing standards/QCs and internal standards
 - Sample blood for locations containing only internal standards
- 3. Place on shaking incubator at ambient temp., **900rpm for 15 minutes**. *Shaker ID 66759*
- 4. Pipette **500µL 0.1% formic acid** to all wells of standards plate.
- 5. Place on shaking incubator at ambient temp., **900rpm for 15 minutes**.
- 6. Transfer **800µL of blood+acid** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 4 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Pressure Manifold ID 66729
Wait 5 min.
- 8. Add **2.25mL MTBE** and allow to flow under gravity for 5 minutes. **(add in 3 increments of 750uL)**
- 9. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**
- 10. Add **2.25mL Hexane** and allow to flow under gravity for 5 minutes. **(add in 3 increments of 750uL)**
- 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**
- 12. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C. *SPE Dry ID 66819*
- 13. Reconstitute in **100 µL 100% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

POST-ANALYTIC

- 1. Open quantitation software and create a new quantitation batch. Batch name: 41017 - Cann Screen
- 2. Make any necessary integration changes.
- 3. For unknown samples, calculated concentration > 3ng THC, THC-OH and > 5ng Carboxy-THC +/- 2% retention time of calibrators?
- 4. Did QCs pass for each analyte? Y N 4-10-17 N A
Naloxone not evaluated
- 5. Central File Packet to include: LIMS Worklist: Method Checklist Calibration and Control Reports

Comments:

ISP FORENSICS - Cd'A

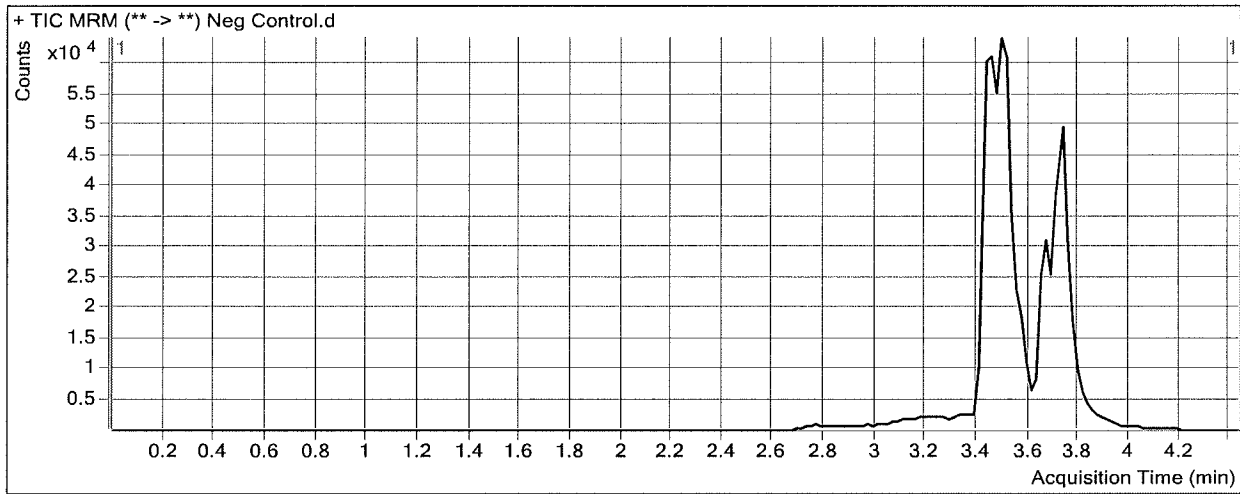
Cannabinoid Screen Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin
Analysis Time 4/11/2017 9:07 AM **Analyst Name** ISP Tox
Report Time 4/11/2017 9:10 AM **Reporter Name** ISP Tox
Last Calib Update 4/11/2017 9:07 AM **Batch State** Processed

Analysis Info

Acq Time 2017-04-10 14:01 **Data File** Neg Control.d
Sample Type Sample **Sample Name** Neg Control
Dilution 1 **Acq Method** Screen THC 11102016.m
Position P1-a2 **Sample Info**
Inj Vol -1 **Comment** AM 26 Cannabinoid screen negative blood lot 32632-1

Sample Chromatogram



ISP FORENSICS - Cd'A

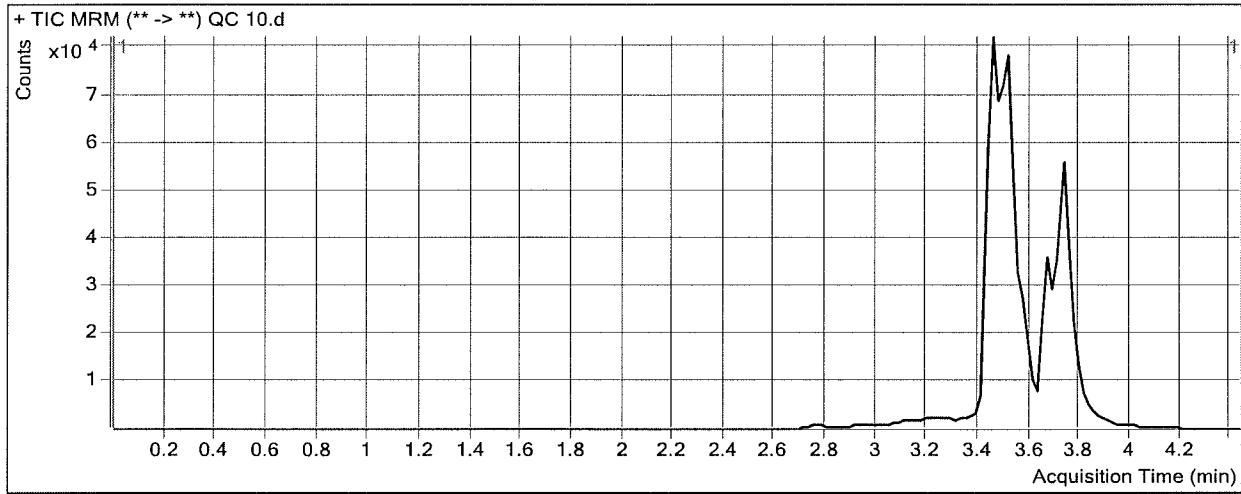
Cannabinoid Screen Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin
Analysis Time 4/11/2017 9:07 AM **Analyst Name** ISP Tox
Report Time 4/11/2017 9:10 AM **Reporter Name** ISP Tox
Last Calib Update 4/11/2017 9:07 AM **Batch State** Processed

Analysis Info

Acq Time 2017-04-10 14:14 **Data File** QC 10.d
Sample Type QC **Sample Name** QC 10
Dilution 1 **Acq Method** Screen THC 11102016.m
Position P1-A3 **Sample Info**
Inj Vol -1 **Comment** AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.453	39332	392421	0.1002	9.7244
THC-COOH	3.526	25528	93389	0.2733	10.7985
THC	3.740	3778	41165	0.0918	9.5507

ISP FORENSICS - Cd'A

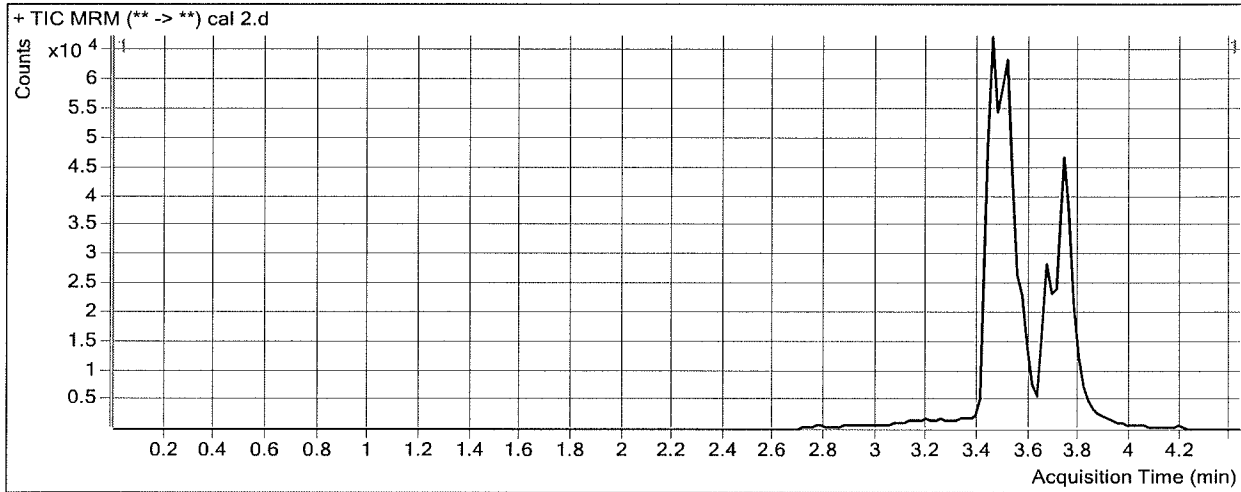
Cannabinoid Screen Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin
Analysis Time 4/11/2017 9:07 AM **Analyst Name** ISP Tox
Report Time 4/11/2017 9:10 AM **Reporter Name** ISP Tox
Last Calib Update 4/11/2017 9:07 AM **Batch State** Processed

Analysis Info

Acq Time 2017-04-10 13:28 **Data File** cal 2.d
Sample Type Calibration **Sample Name** cal 2
Dilution 1 **Acq Method** Screen THC 11102016.m
Position P1-B1 **Sample Info**
Inj Vol -1 **Comment** AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.453	17637	331062	0.0533	4.8188
THC-COOH	3.526	13884	88965	0.1561	4.6932
THC	3.740	1594	34486	0.0462	5.0485

ISP FORENSICS - Cd'A

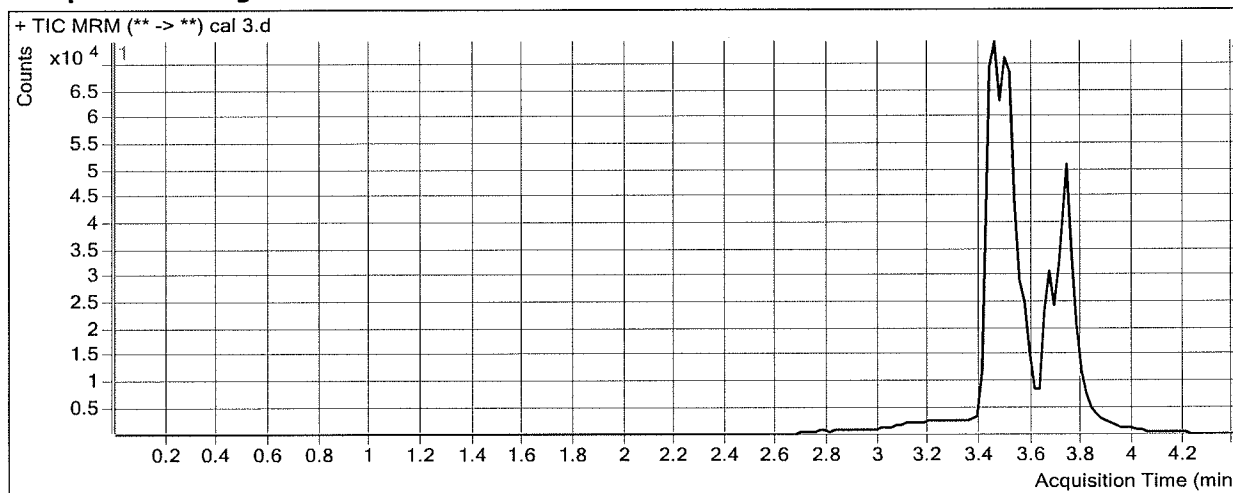
Cannabinoid Screen Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin
Analysis Time 4/11/2017 9:07 AM **Analyst Name** ISP Tox
Report Time 4/11/2017 9:10 AM **Reporter Name** ISP Tox
Last Calib Update 4/11/2017 9:07 AM **Batch State** Processed

Analysis Info

Acq Time 2017-04-10 13:35 **Data File** cal 3.d
Sample Type Calibration **Sample Name** cal 3
Dilution 1 **Acq Method** Screen THC 11102016.m
Position P1-C1 **Sample Info**
Inj Vol -1 **Comment** AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.453	37783	361379	0.1046	10.1760
THC-COOH	3.526	22914	87339	0.2624	10.2265
THC	3.740	3502	35918	0.0975	10.1164

ISP FORENSICS - Cd'A

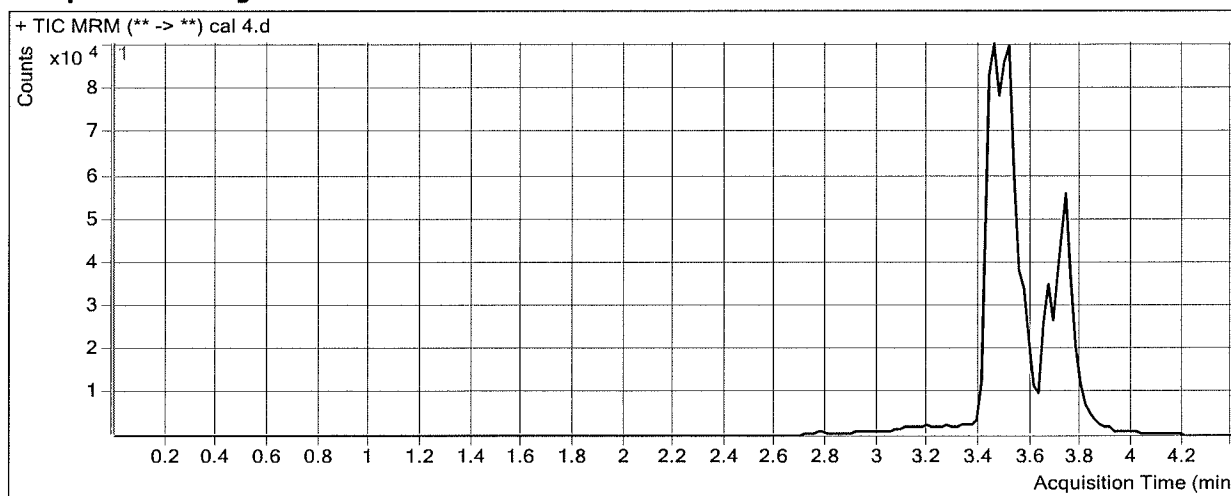
Cannabinoid Screen Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin
Analysis Time 4/11/2017 9:07 AM **Analyst Name** ISP Tox
Report Time 4/11/2017 9:10 AM **Reporter Name** ISP Tox
Last Calib Update 4/11/2017 9:07 AM **Batch State** Processed

Analysis Info

Acq Time 2017-04-10 13:41 **Data File** cal 4.d
Sample Type Calibration **Sample Name** cal 4
Dilution 1 **Acq Method** Screen THC 11102016.m
Position P1-D1 **Sample Info**
Inj Vol -1 **Comment** AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.453	105454	391687	0.2692	27.3797
THC-COOH	3.526	51992	90040	0.5774	26.6277
THC	3.740	9863	38148	0.2586	26.0333

ISP FORENSICS - Cd'A

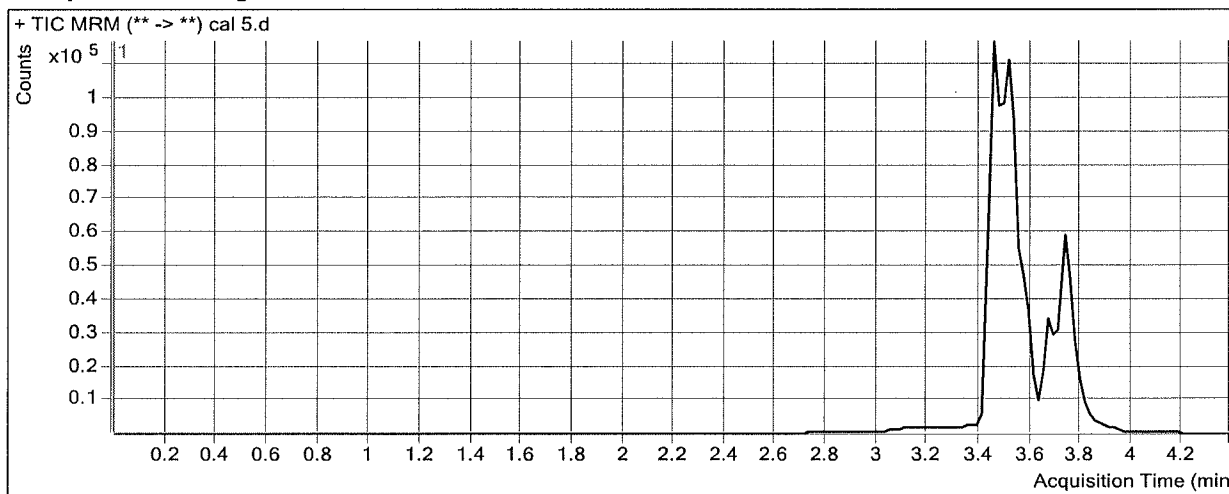
Cannabinoid Screen Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin
Analysis Time 4/11/2017 9:07 AM **Analyst Name** ISP Tox
Report Time 4/11/2017 9:10 AM **Reporter Name** ISP Tox
Last Calib Update 4/11/2017 9:07 AM **Batch State** Processed

Analysis Info

Acq Time 2017-04-10 13:48 **Data File** cal 5.d
Sample Type Calibration **Sample Name** cal 5
Dilution 1 **Acq Method** Screen THC 11102016.m
Position P1-E1 **Sample Info**
Inj Vol -1 **Comment** AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.453	199127	394742	0.5044	51.9524
THC-COOH	3.526	93258	92073	1.0129	49.2946
THC	3.740	18675	40031	0.4665	46.5849

ISP FORENSICS - Cd'A

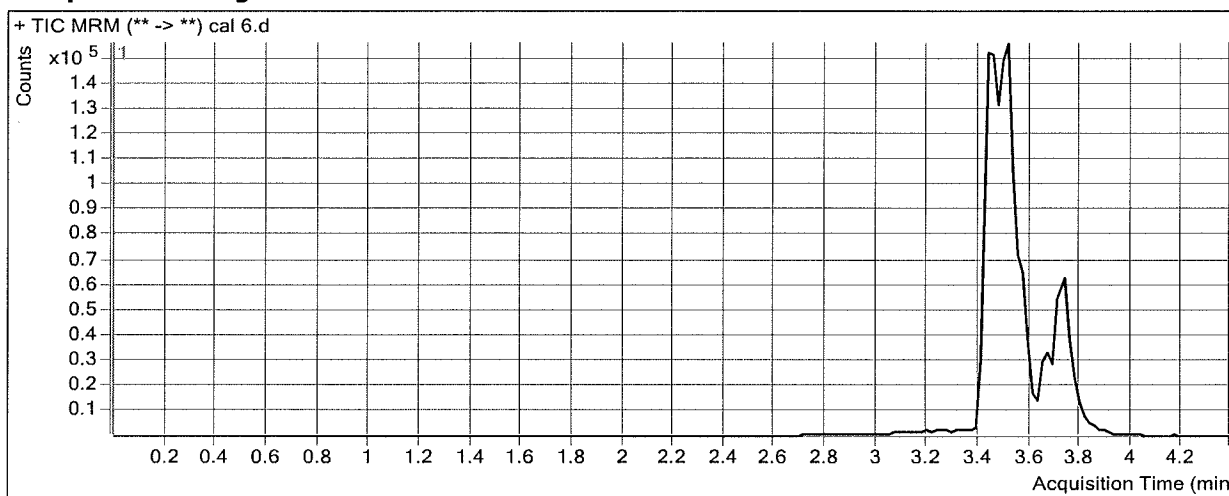
Cannabinoid Screen Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin
Analysis Time 4/11/2017 9:07 AM **Analyst Name** ISP Tox
Report Time 4/11/2017 9:10 AM **Reporter Name** ISP Tox
Last Calib Update 4/11/2017 9:07 AM **Batch State** Processed

Analysis Info

Acq Time 2017-04-10 13:54 **Data File** cal 6.d
Sample Type Calibration **Sample Name** cal 6
Dilution 1 **Acq Method** Screen THC 11102016.m
Position P1-F1 **Sample Info**
Inj Vol -1 **Comment** AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.453	322726	399633	0.8076	83.6178
THC-COOH	3.526	178114	90949	1.9584	98.5137
THC	3.720	40048	39987	1.0015	99.4605

ISP FORENSICS - Cd'A

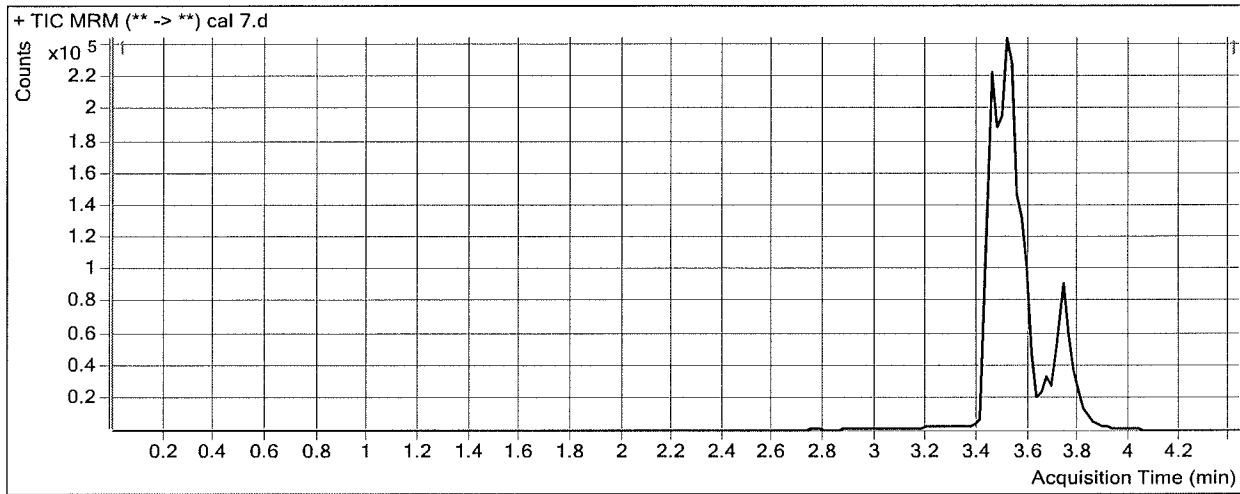
Cannabinoid Screen Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin
Analysis Time 4/11/2017 9:07 AM **Analyst Name** ISP Tox
Report Time 4/11/2017 9:10 AM **Reporter Name** ISP Tox
Last Calib Update 4/11/2017 9:07 AM **Batch State** Processed

Analysis Info

Acq Time 2017-04-10 14:08 **Data File** cal 7.d
Sample Type Calibration **Sample Name** cal 7
Dilution 1 **Acq Method** Screen THC 11102016.m
Position P1-G1 **Sample Info**
Inj Vol -1 **Comment** AM 26 Cannabinoid screen

Sample Chromatogram



Results

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.453	814855	323920	2.5156	262.0552
THC-COOH	3.526	389034	79706	4.8809	250.6443
THC	3.740	97386	38152	2.5526	252.7564

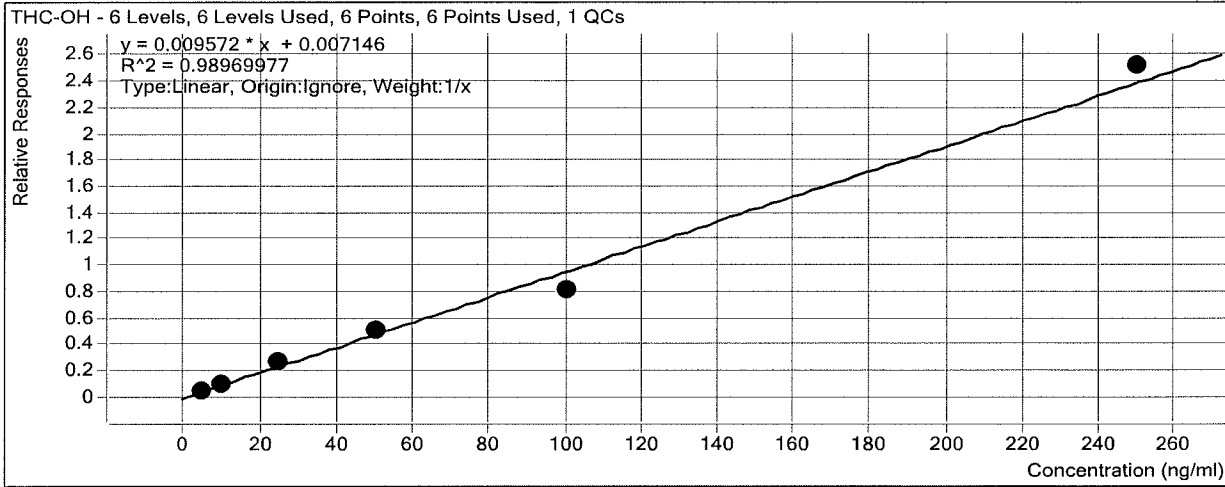
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin

Last Calib Update 4/11/2017 9:07 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 2	2	<input checked="" type="checkbox"/>	5	4.8	96.4
cal 3	3	<input checked="" type="checkbox"/>	10	10.2	101.8
QC 10	3	<input checked="" type="checkbox"/>	10	9.7	97.2
cal 4	4	<input checked="" type="checkbox"/>	25	27.4	109.5
cal 5	5	<input checked="" type="checkbox"/>	50	52.0	103.9
cal 6	6	<input checked="" type="checkbox"/>	100	83.6	83.6
cal 7	7	<input checked="" type="checkbox"/>	250	262.1	104.8

ISP Forensics Calibration Curve Report

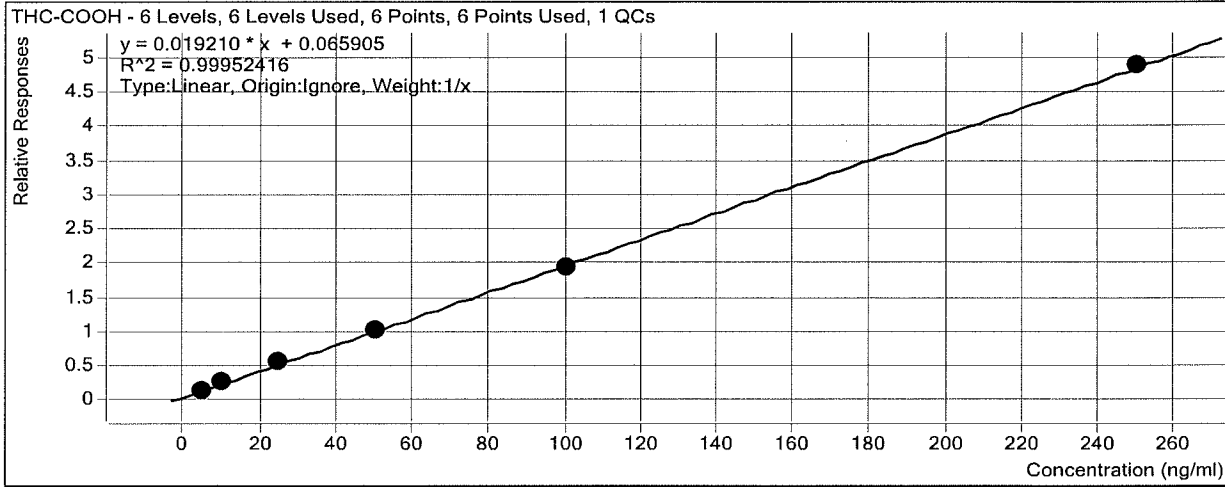
Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin

Last Calib Update 4/11/2017 9:07 AM

Analyst Name ISP TOX

Target Compound *THC-COOH*

Internal Standard *THC-COOH-d9*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 2	2	<input checked="" type="checkbox"/>	5	4.7	93.9
cal 3	3	<input checked="" type="checkbox"/>	10	10.2	102.3
QC 10	3	<input checked="" type="checkbox"/>	10	10.8	108.0
cal 4	4	<input checked="" type="checkbox"/>	25	26.6	106.5
cal 5	5	<input checked="" type="checkbox"/>	50	49.3	98.6
cal 6	6	<input checked="" type="checkbox"/>	100	98.5	98.5
cal 7	7	<input checked="" type="checkbox"/>	250	250.6	100.3

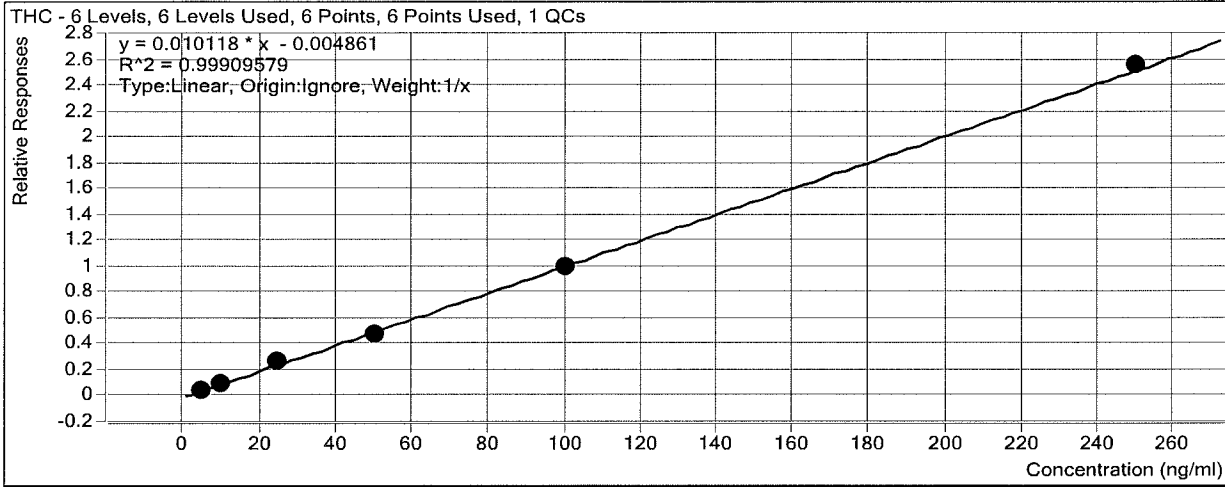
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\4-10-17 blood screen AM 25-26\QuantResults\4-10-17 cann screen.batch.bin

Last Calib Update 4/11/2017 9:07 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 2	2	<input checked="" type="checkbox"/>	5	5.0	101.0
cal 3	3	<input checked="" type="checkbox"/>	10	10.1	101.2
QC 10	3	<input checked="" type="checkbox"/>	10	9.6	95.5
cal 4	4	<input checked="" type="checkbox"/>	25	26.0	104.1
cal 5	5	<input checked="" type="checkbox"/>	50	46.6	93.2
cal 6	6	<input checked="" type="checkbox"/>	100	99.5	99.5
cal 7	7	<input checked="" type="checkbox"/>	250	252.8	101.1

Multi-Drug Screen in Blood by LC-MS/MS

Extraction Date: 4-10-17

Analyst: Anne Nord

PRE-ANALYTIC

Plate Lot# 495940

Plate. Exp. 12-12-17

1. Ensure all solutions are within expiration date.

Mobile Phase A:
10mM Amm Formate

0.5M Ammonium Hydroxide

Lot #: 82616

Mobile Phase B
0.1% FA in MeOH

Column: **Phenomenex Phenyl Hexyl (4.6 x 50mm; 2.6um)**

Blank/Negative Blood Lot #: 321632

- 2. Check levels of mobile phases and needle wash and refill as necessary. Ensure waste is not full.
- 3. Begin mobile phase flow and allow system to equilibrate for approx. 30 min.
- 4. Create worklist. Data path name: 4-10-17 blood screen Am 25-26

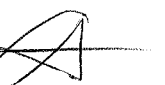
ANALYTIC

- 1. Remove standards plate, blood, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood** in wells of analytical (standards) plate. Mix via aspirate and dispense.
 - Blank blood for locations containing standards/QCs and internal standards
 - Sample blood for locations containing only internal standards
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Shaker ID 66759
- 4. Pipette **250µL 0.5M ammonium hydroxide** buffer in wells of analytical (standards) plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 4 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID 66729
Wait 5 min.
- 8. Add **900µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- 9. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*
- 10. Add **900µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*
- 12. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID 66819
- 13. Reconstitute in **100µL 100% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

POST-ANALYTIC

- 1. Open quantitation software and create a new quantitation batch. Batch name: 4-10-17 MD Screen P1
- 2. Make any necessary integration changes.
- 3. Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% rt of administrative control. > 1/10 the response of administrative control.
- 4. Did all QCs pass for each analyte? Y/N Naloxone not evaluated
- 5. Central File Packet to include: LIMS Worklist: Method Checklist Calibration and Control Reports

COMMENTS:



Toxicology AM method 25 external prep information

working solution 10000 ng/ml in meoh mirtazapine, amitriptyline, codeine, diphenhydramine, 20000 ng/ml meoh morphine
Stock solution 1mg/ml 100 ul each for all except morphine 200 ul in 9400 ul meoh

Ppd 3/31/17 Exp: 9/21/17 lot 92117



Drug	lot	expiration
Morphine	fe08141515	11/1/2020
mirtazapine	fe04201503	4/1/2020
amitriptyline	fn07081401	9/1/2019
codeine	fe10271401	11/1/2019
diphenhydramine	fn09161502	9/1/2020

AM 25 control 100 ul working solution in 9900 ul blood lot 62117
ppd 3/21/17 Exp 6/21/17 by AMN

Concentration 100ng/ml amitriptyline, codeine, diphenhydramine, mirtazapine
200/ng/ml morphine



Compound Method	Transition	Acq. Date-Time	RT	p1 cal 1a Results		Qualifier 1 M...	ISTD Method		ISTD Results		
Name				Resp.	S/N	Transition	S/N	Name	Transition	RT	Resp.
6-MAM	328.2 -> 165...	4/10/2017 5:38 PM	4.974	796	Infinity	328.2 -> 211...	Infinity	6-MAM-D6	334.2 -> 165...	4.933	25584
7-aminoclonazepam	286.1 -> 121...	4/10/2017 5:38 PM	5.632	14669	147.23	286.1 -> 222...	38.34	7-Aminoclonazepam-D4	290.1 -> 121...	5.610	66147
Acetyl Fentanyl	323.2 -> 105...	4/10/2017 5:38 PM	5.769	11878	49.58	323.2 -> 188...	1061.60	Acetyl Fentanyl-D5	328.2 -> 105...	5.768	789807
Acetyl Norfentanyl	219.1 -> 84.2	4/10/2017 5:38 PM	4.929	5606	609.74	219.1 -> 56.3	28.93	Acetyl Norfentanyl-D5	224.2 -> 84.2	4.908	294585
a-hydroxyalprazolam	325.1 -> 297...	4/10/2017 5:38 PM	6.501	4819	27.80	325.1 -> 215...	19.04	a-hydroxyalprazolam-D5	330.1 -> 302...	6.500	23749
alpha-PVP	232.2 -> 91.0	4/10/2017 5:38 PM	5.558	78993	275.61	232.2 -> 77.1	118.93	alpha-PVP-D8	240.2 -> 91.1	5.557	373582
Alprazolam	309.1 -> 281...	4/10/2017 5:38 PM	6.586	42682	119.16	309.1 -> 205...	103.80	Alprazolam-D5	314.1 -> 286...	6.565	176951
Amphetamine	136.1 -> 91.1	4/10/2017 5:38 PM	4.830	89465	21.77	136.1 -> 119...	13.85	Amphetamine-D11	147.2 -> 130...	4.789	91217
Bupropion	240.1 -> 184...	4/10/2017 5:38 PM	5.741	86027	291.70	240.1 -> 131...	21.36	Bupropion-D9	249.2 -> 185...	5.741	409191
Carisoprodol	261.2 -> 176...	4/10/2017 5:38 PM	6.228	45129	21.41	261.2 -> 55.3	20.33	Carisoprodol-D7	268.2 -> 183...	6.227	267473
Citalopram	325.2 -> 109...	4/10/2017 5:38 PM	6.073	121243	74.87	325.2 -> 262...	93.31	Citalopram-D6	331.2 -> 109...	6.072	559503
Clonazepam	316.1 -> 269...	4/10/2017 5:38 PM	6.443	11172	56.44	316.1 -> 213...	17.39	Clonazepam-D4	320.1 -> 217...	6.421	15894
Codeine	300.2 -> 215...	4/10/2017 5:38 PM	4.817	6018	35.21	300.2 -> 165...	22.92	Codeine-D6	306.2 -> 218...	4.794	23060
Cyclobenzaprine	276.2 -> 214...	4/10/2017 5:38 PM	6.307	61152	6636.94	276.2 -> 147...	37.86	Cyclobenzaprine-D3	279.2 -> 215...	6.306	316815
Dextromethorphan	272.2 -> 171...	4/10/2017 5:38 PM	6.083	31713	86.32	272.2 -> 147...	105.12	Dextromethorphan-D3	275.2 -> 171...	6.083	168876
Diazepam	285.1 -> 193...	4/10/2017 5:38 PM	6.813	30788	84.18	285.1 -> 133...	62.10	Diazepam-D3	261.2 -> 157...	5.451	168568
Dihydrocodeine	302.2 -> 198...	4/10/2017 5:38 PM	4.755	16920	35.07	302.2 -> 153...	18.98	Dihydrocodeine-D6	290.1 -> 198...	6.791	131269
Diphenhydramine	256.2 -> 167...	4/10/2017 5:38 PM	6.025	161957	87.80	256.2 -> 152...	38.51	Diphenhydramine-D3	259.2 -> 167...	6.024	967053
Doxylamine	271.2 -> 182...	4/10/2017 5:38 PM	5.696	152436	21.91	271.2 -> 167...	43.94	Doxylamine-D5	276.2 -> 187...	5.675	796855
EDDP	279.2 -> 235...	4/10/2017 5:38 PM	6.081	107657	123.01	279.2 -> 250...	5247.38	EDDP-D3	282.2 -> 235...	6.081	47663
Fentanyl	337.2 -> 105...	4/10/2017 5:38 PM	5.970	14308	43.45	337.2 -> 188...	46.39	Fentanyl-D5	342.3 -> 105...	5.970	720822
Fluoxetine	310.1 -> 44.3	4/10/2017 5:38 PM	6.301	195930	262.90	310.1 -> 148...	971.34	Fluoxetine-D6	316.2 -> 44.3	6.299	917744
Hydrocodone	300.2 -> 198...	4/10/2017 5:38 PM	5.019	22241	40.88	300.2 -> 128...	41.16	Hydrocodone-D6	306.2 -> 202...	5.017	136813
Hydromorphone	286.2 -> 184...	4/10/2017 5:38 PM	4.418	11791	137.14	286.2 -> 157...	182.99	Hydromorphone-D6	292.2 -> 185...	4.397	45245
Ketamine	238.1 -> 125...	4/10/2017 5:38 PM	5.394	45522	6456.46	238.1 -> 220...	30.95	Ketamine-D4	242.1 -> 129...	5.372	202199
Meprobamate	219.1 -> 158...	4/10/2017 5:38 PM	5.742	11569	2.80	219.1 -> 97.1	1.38	Meprobamate-D7	226.2 -> 165...	5.743	46421
Methadone	310.2 -> 265...	4/10/2017 5:38 PM	6.341	138829	1409.48	310.2 -> 105...	133.07	Methadone-D9	319.3 -> 268...	6.340	790972
Methamphetamine	150.1 -> 91.1	4/10/2017 5:38 PM	5.011	103309	Infinity	150.1 -> 119...	8.39	Methamphetamine-D11	161.2 -> 97.1	4.970	349998
Morphine	286.2 -> 201...	4/10/2017 5:38 PM	4.135	2913	49.54	286.2 -> 165...	128.58	Morphine-D6	292.2 -> 152...	4.114	2272
Naloxone	328.2 -> 309...	4/10/2017 5:38 PM	6.378	952	2.59	328.2 -> 211...	0.79	Naloxone-D5	333.2 -> 315...	6.052	221
Naltrexol	344.2 -> 326...	4/10/2017 5:38 PM	4.952	49679	27126.75	344.2 -> 308...	42.75	Naltrexol-D3	347.2 -> 329...	4.952	185813
Naltrexone	342.2 -> 324...	4/10/2017 5:38 PM	4.892	19546	62.07	342.2 -> 55.3	55.56	Naltrexone-D3	345.2 -> 327...	4.892	106237
Norbuprenorphine	414.3 -> 101...	4/10/2017 5:38 PM	5.866	3927	37.92	414.3 -> 57.3	14.35	Norbuprenorphine-D3	417.3 -> 101...	5.846	18404
Nordiazepam	271.1 -> 140...	4/10/2017 5:38 PM	6.675	10818	19.02	271.1 -> 208...	13.46	Nordiazepam-D5	276.1 -> 140...	6.653	32020
Norfentanyl	233.2 -> 84.2	4/10/2017 5:38 PM	5.384	103585	163.25	233.2 -> 55.3	21.35	Norfentanyl-D5	238.2 -> 84.2	5.373	466408
Norhydrocodone	286.2 -> 199...	4/10/2017 5:38 PM	5.001	1825	12.28	286.2 -> 171...	Infinity	Norhydrocodone-D3	289.2 -> 202...	4.980	47746
Noroxycodone	302.1 -> 284...	4/10/2017 5:38 PM	4.937	17735	21.58	302.1 -> 186...	43.45	Noroxycodone-D3	305.2 -> 287...	4.916	82541
O-desmethyl-tramadol	250.2 -> 58.3	4/10/2017 5:38 PM	4.965	124760	131.96	250.2 -> 42.3	29.94	O-desmethyl-tramadol...	256.2 -> 64.3	4.945	580785
Oxazepam	287.1 -> 240...	4/10/2017 5:38 PM	6.508	6315	12.81	287.1 -> 268...	Infinity	Oxazepam-D5	292.1 -> 246...	6.487	30465
Oxycodone	316.2 -> 298...	4/10/2017 5:38 PM	4.955	33809	60.54	316.2 -> 241...	29.93	Oxycodone-D6	322.2 -> 304...	4.934	171644
Oxymorphone	302.1 -> 284...	4/10/2017 5:38 PM	4.274	12823	40.75	302.1 -> 227...	58.59	Oxymorphone-D3	305.2 -> 287...	4.916	82148
Phentermine	150.1 -> 65.2	4/10/2017 5:38 PM	5.153	10285	Infinity	150.1 -> 133...	Infinity	Phentermine-D5	155.2 -> 96.2	5.132	277746
Promethazine	285.1 -> 86.2	4/10/2017 5:38 PM	6.264	216436	427.96	285.1 -> 71.3	42.68	Promethazine-D3	288.2 -> 89.2	6.263	12103...
Quetiapine	384.2 -> 253...	4/10/2017 5:38 PM	6.192	155817	128.88	384.2 -> 221...	221.21	Quetiapine-D8	392.2 -> 226...	6.192	201118
Sertraline	306.1 -> 158...	4/10/2017 5:38 PM	6.506	53143	85.00	306.1 -> 275...	10557...	Sertraline-D3	309.1 -> 275...	6.505	295072
Sufentanil	387.2 -> 238...	4/10/2017 5:38 PM	6.192	10875	61.16	387.2 -> 111...	46.27	Sufentanil-D5	392.2 -> 238...	6.192	408570

Peak shape okay

Not evaluated

Compound Method		p1 cal 1a		p1 cal 1a Results			Qualifier 1 M...		Qualifier...		ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	Transition	S/N	Name	Transition	RT	Resp.			
Temazepam	301.1 -> 255..	4/10/2017 5:38 PM	6.649	48126	67.46	301.1 -> 283...	5.44	Temazepam-D5	306.1 -> 260...	6.628	244753			
Tramadol	264.2 -> 58.3	4/10/2017 5:38 PM	5.471	164833	115.79	264.2 -> 43.3	15.74	Tramadol-13C-D3	268.2 -> 58.3	5.471	817300			
Trazodone	372.2 -> 176..	4/10/2017 5:38 PM	6.051	109414	911.98	372.2 -> 148...	349.62	Trazodone-D6	378.2 -> 182...	6.030	483315			
Venlafaxine	278.2 -> 58.3	4/10/2017 5:38 PM	5.818	154852	54.86	278.2 -> 260...	34.04	Venlafaxine-D6	284.2 -> 64.3	5.817	746908			
Zolpidem	308.2 -> 235..	4/10/2017 5:38 PM	5.793	96901	108.73	308.2 -> 263...	97.37	Zolpidem-D6	314.2 -> 235...	5.771	529429			

Compound Method				p1 negative				p1 negative Results				Qualifier 1 M...				ISTD Method			
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	Transition	Qu...	Name	Transition	RT	Resp.	Name	Transition	RT	Resp.				
6-MAM	328.2 -> 165...	4/10/2017 5:57 PM				328.2 -> 211...		6-MAM-D6	334.2 -> 165...	4.933	29938								
7-Aminoclonazepam	286.1 -> 121...	4/10/2017 5:57 PM				286.1 -> 222...		7-Aminoclonazepam-D4	290.1 -> 121...	5.610	75029								
Acetyl Fentanyl	323.2 -> 105...	4/10/2017 5:57 PM				323.2 -> 188...		Acetyl Fentanyl-D5	328.2 -> 105...	5.768	930781								
Acetyl Nortentanyl	219.1 -> 84.2	4/10/2017 5:57 PM				219.1 -> 56.3		Acetyl Nortentanyl-D5	224.2 -> 84.2	4.908	349272								
a-hydroxyvalprozalam	325.1 -> 297...	4/10/2017 5:57 PM				325.1 -> 215...		a-hydroxyvalprozalam-D5	330.1 -> 302...	6.500	30614								
alpha-PVP	232.2 -> 91.0	4/10/2017 5:57 PM				232.2 -> 77.1	1.87	alpha-PVP-d8	240.2 -> 91.1	5.557	411121								
Alprazolam	309.1 -> 281...	4/10/2017 5:57 PM	6.483	1769	16.96	309.1 -> 205...	0.40	Alprazolam-D5	314.1 -> 286...	6.585	213151								
Amphetamine	136.1 -> 91.1	4/10/2017 5:57 PM				136.1 -> 119...		Amphetamine-D11	147.2 -> 130...	4.789	91676								
Bupropion	240.1 -> 184...	4/10/2017 5:57 PM				240.1 -> 131...	2.16	Bupropion-D9	249.2 -> 185...	5.741	394062								
Carisoprodol	261.2 -> 176...	4/10/2017 5:57 PM				261.2 -> 55.3		Carisoprodol-D7	268.2 -> 183...	6.227	307399								
Chllopram	325.2 -> 109...	4/10/2017 5:57 PM				325.2 -> 262...		Chllopram-D6	331.2 -> 109...	6.072	693352								
Clonazepam	316.1 -> 269...	4/10/2017 5:57 PM				316.1 -> 213...		Clonazepam-D4	320.1 -> 217...	6.421	19022								
Codaine	300.2 -> 215...	4/10/2017 5:57 PM				300.2 -> 165...		Codaine-D6	306.2 -> 218...	4.794	25958								
Cyclobenzaprine	276.2 -> 214...	4/10/2017 5:57 PM				276.2 -> 231...		Cyclobenzaprine-D3	279.2 -> 215...	6.306	393415								
Dextromethorphan	272.2 -> 171...	4/10/2017 5:57 PM				272.2 -> 147...	0.22	Dextromethorphan-D3	275.2 -> 171...	6.083	190635								
Dextrophan	258.2 -> 157...	4/10/2017 5:57 PM				258.2 -> 133...		Dextrophan-D3	261.2 -> 157...	5.451	195798								
Diazepam	285.1 -> 193...	4/10/2017 5:57 PM				285.1 -> 153...		Diazepam-D5	290.1 -> 198...	6.812	172740								
Dihydrocodeine	302.2 -> 198...	4/10/2017 5:57 PM				302.2 -> 128...	0.59	Dihydrocodeine-D6	308.2 -> 202...	4.754	102961								
Diphenhydramine	256.2 -> 167...	4/10/2017 5:57 PM				256.2 -> 152...		Diphenhydramine-D3	259.2 -> 167...	6.024	11013...								
Doxylamine	271.2 -> 182...	4/10/2017 5:57 PM				271.2 -> 167...	0.67	Doxylamine-D5	276.2 -> 187...	5.675	874755								
EDDP	279.2 -> 235...	4/10/2017 5:57 PM				279.2 -> 250...	1.57	EDDP-D3	282.2 -> 235...	6.081	76642								
Fentanyl	337.2 -> 105...	4/10/2017 5:57 PM				337.2 -> 188...		Fentanyl-D5	342.3 -> 105...	5.970	828420								
Fluoxetine	310.1 -> 44.3	4/10/2017 5:57 PM				310.1 -> 148...	0.65	Fluoxetine-D6	316.2 -> 44.3	6.299	10951...								
Hydrocodone	300.2 -> 198...	4/10/2017 5:57 PM				300.2 -> 128...	0.97	Hydrocodone-D6	306.2 -> 202...	5.017	150842								
Hydromorphone	286.2 -> 184...	4/10/2017 5:57 PM				286.2 -> 157...		Hydromorphone-D6	292.2 -> 185...	4.417	53430								
Ketamine	238.1 -> 125...	4/10/2017 5:57 PM				238.1 -> 220...	0.30	Ketamine-D4	242.1 -> 129...	5.393	225398								
Meperidate	219.1 -> 158...	4/10/2017 5:57 PM				219.1 -> 97.1		Meperidate-D7	226.2 -> 165...	5.722	62063								
Methadone	310.2 -> 265...	4/10/2017 5:57 PM				310.2 -> 105...		Methadone-D9	319.3 -> 268...	6.340	923848								
Methamphetamine	150.1 -> 91.1	4/10/2017 5:57 PM				150.1 -> 119...		Methamphetamine-D11	161.2 -> 97.1	4.990	268396								
Morphine	286.2 -> 201...	4/10/2017 5:57 PM	4.277	53	0.32	286.2 -> 165...		Morphine-D6	292.2 -> 152...	4.114	2652								
Naloxone	328.2 -> 309...	4/10/2017 5:57 PM				328.2 -> 211...		Naloxone-D5	333.2 -> 315...	6.438	324								
Naltrexol	344.2 -> 326...	4/10/2017 5:57 PM				344.2 -> 308...		Naltrexol-D3	347.2 -> 329...	4.952	206078								
Naltrexone	342.2 -> 324...	4/10/2017 5:57 PM				342.2 -> 55.3	0.63	Naltrexone-D3	345.2 -> 327...	4.892	112959								
Norbuprenorphine	414.3 -> 101...	4/10/2017 5:57 PM				414.3 -> 57.3		Norbuprenorphine-D3	417.3 -> 101...	5.846	22544								
Nordiazepam	271.1 -> 140...	4/10/2017 5:57 PM				271.1 -> 208...		Nordiazepam-D5	276.1 -> 140...	6.653	40032								
Nortentanyl	233.2 -> 84.2	4/10/2017 5:57 PM				233.2 -> 55.3	4.35	Nortentanyl-D5	238.2 -> 84.2	5.373	515058								
Norhydrocodone	286.2 -> 199...	4/10/2017 5:57 PM				286.2 -> 171...	2.30	Norhydrocodone-D3	289.2 -> 202...	4.980	53823								
Noroxycodone	302.1 -> 284...	4/10/2017 5:57 PM				302.1 -> 186...	3.01	Noroxycodone-D3	305.2 -> 287...	4.916	92023								
O-desmethyl-tramadol	250.2 -> 58.3	4/10/2017 5:57 PM				250.2 -> 42.3	5.55	O-desmethyl-tramadol...	256.2 -> 64.3	4.965	676346								
Oxazepam	287.1 -> 240...	4/10/2017 5:57 PM				287.1 -> 268...	0.57	Oxazepam-D5	292.1 -> 246...	6.508	39043								
Oxycodone	316.2 -> 298...	4/10/2017 5:57 PM				316.2 -> 241...	0.61	Oxycodone-D6	322.2 -> 304...	4.955	188134								
Oxymorphone	302.1 -> 284...	4/10/2017 5:57 PM				302.1 -> 227...		Oxymorphone-D3	305.2 -> 287...	4.916	91281								
Phentemine	150.1 -> 65.2	4/10/2017 5:57 PM				150.1 -> 133...		Phentemine-D5	155.2 -> 96.2	5.153	264332								
Promethazine	285.1 -> 86.2	4/10/2017 5:57 PM				285.1 -> 71.3	1.11	Promethazine-D3	288.2 -> 89.2	6.284	14942...								
Quetiapine	384.2 -> 253...	4/10/2017 5:57 PM				384.2 -> 221...	0.59	Quetiapine-D8	392.2 -> 226...	6.192	234114								
Serrtraline	306.1 -> 158...	4/10/2017 5:57 PM				306.1 -> 275...	2.70	Serrtraline-D3	309.1 -> 275...	6.505	369191								
Sufentanil	387.2 -> 238...	4/10/2017 5:57 PM				387.2 -> 111...	4.41	Sufentanil-D5	392.2 -> 238...	6.192	489414								

Compound Method		p1 negative		p1 negative Results			Qualifier 1 M...		Qu...		ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	Transition	S/N	Name	Transition	RT	Resp.			
Temazepam	301.1 -> 255...	4/10/2017 5:57 PM	6.507	1113	0.82	301.1 -> 283...	3.83	Temazepam-D5	306.1 -> 260...	6.628	314166			
Tamadol	264.2 -> 58.3	4/10/2017 5:57 PM	5.471	4919	4.72	264.2 -> 43.3	0.77	Tamadol-13C-D3	268.2 -> 58.3	5.471	939560			
Trazodone	372.2 -> 176...	4/10/2017 5:57 PM	6.051	385	1.13	372.2 -> 148...	2.01	Trazodone-D6	378.2 -> 182...	6.030	557985			
Venlafaxine	278.2 -> 58.3	4/10/2017 5:57 PM	5.878	363	0.38	278.2 -> 260...	0.56	Venlafaxine-D6	284.2 -> 64.3	5.817	820651			
Zolpidem	308.2 -> 235...	4/10/2017 5:57 PM	5.732	234	0.64	308.2 -> 263...	0.82	Zolpidem-D6	314.2 -> 235...	5.771	618467			

Compound Method	Name	Transition	p1 external control Acq. Date-Time	p1 external control RT	Resp.	S/N	Qualifier 1 M...	Transition	S/N	Qualifier...	ISTD Method	Name	Transition	RT	Resp.
6-MAM		328.2 -> 165...	4/10/2017 6:17 PM				328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.913	34626	
7-Aminoclonazepam		286.1 -> 121...	4/10/2017 6:17 PM				286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.610	87684	
Acetyl Fentanyl		323.2 -> 105...	4/10/2017 6:17 PM				323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.768	1060357	
Acetyl Norfentanyl		219.1 -> 84.2	4/10/2017 6:17 PM	4.989	23	4.28	219.1 -> 56.3	2.46			Acetyl Norfentanyl-D5	224.2 -> 84.2	4.908	408829	
a-hydroxyalprazolam		325.1 -> 297...	4/10/2017 6:17 PM	6.481	75	0.76	325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302	6.479	35208	
alpha-PVP		232.2 -> 91.0	4/10/2017 6:17 PM	5.742	28	0.49	232.2 -> 77.1	0.68			alpha-PVP-d8	240.2 -> 91.1	5.536	501549	
Alprazolam		309.1 -> 281...	4/10/2017 6:17 PM	6.424	1968	7.98	309.1 -> 205...	1.12			Alprazolam-D5	314.1 -> 286...	6.565	237909	
Amphetamine		136.1 -> 91.1	4/10/2017 6:17 PM				136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.769	107943	
Bupropion		240.1 -> 184...	4/10/2017 6:17 PM	5.597	31	0.29	240.1 -> 131...	1.53			Bupropion-D9	249.2 -> 185...	5.720	505282	
Carisoprodol		261.2 -> 176...	4/10/2017 6:17 PM				261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	6.227	391110	
Citalopram		325.2 -> 109...	4/10/2017 6:17 PM				325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.052	796475	
Clonazepam		316.1 -> 269...	4/10/2017 6:17 PM	6.422	305	0.31	316.1 -> 213...	0.36			Clonazepam-D4	320.1 -> 217...	6.421	20663	
Codeine		300.2 -> 215...	4/10/2017 6:17 PM	4.797	61283	650.04	300.2 -> 165...	154.63			Codeine-D6	306.2 -> 218...	4.774	29785	
Cyclobenzaprine		276.2 -> 214...	4/10/2017 6:17 PM	6.287	248	1.53	276.2 -> 231...	0.48			Cyclobenzaprine-D3	279.2 -> 215...	6.306	455341	
Dextromethorphan		272.2 -> 171...	4/10/2017 6:17 PM	6.042	47	0.30	272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.063	226424	
Diazepam		282.1 -> 157...	4/10/2017 6:17 PM				282.1 -> 133...				Dextrophan-D3	261.2 -> 157...	5.431	237538	
Dihydrocodeine		285.1 -> 193...	4/10/2017 6:17 PM				285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.791	188131	
Diphenhydramine		302.2 -> 198...	4/10/2017 6:17 PM	4.816	269	2.35	302.2 -> 128...	2.14			Dihydrocodeine-D6	308.2 -> 202...	4.754	115639	
Doxylamine		256.2 -> 167...	4/10/2017 6:17 PM	6.025	22120...	514.86	256.2 -> 152...	368.89			Diphenhydramine-D3	259.2 -> 167...	6.024	1237130	
EDDP		271.2 -> 182...	4/10/2017 6:17 PM	5.655	282	0.50	271.2 -> 167...	0.71			Doxylamine-D5	276.2 -> 187...	5.675	1126618	
Fentanyl		279.2 -> 235...	4/10/2017 6:17 PM	6.244	75	0.32	279.2 -> 250...	0.49			EDDP-D3	282.2 -> 235...	6.081	89132	
Fluoxetine		337.2 -> 105...	4/10/2017 6:17 PM	5.990	28	0.42	337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.970	975480	
Hydrocodone		310.1 -> 44.3	4/10/2017 6:17 PM				310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.279	1290442	
Hydromorphone		300.2 -> 198...	4/10/2017 6:17 PM	4.797	34951	9221.81	300.2 -> 128...	571.50			Hydrocodone-D6	306.2 -> 202...	5.017	176142	
Ketamine		286.2 -> 184...	4/10/2017 6:17 PM	4.116	34021	239.82	286.2 -> 157...	343.69			Hydromorphone-D6	292.2 -> 185...	4.397	63866	
Meprobamate		238.1 -> 125...	4/10/2017 6:17 PM	5.373	925	3.63	238.1 -> 220...	0.47			Ketamine-D4	242.1 -> 129...	5.372	266548	
Methadone		219.1 -> 158...	4/10/2017 6:17 PM	6.129	9627	0.99	219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.722	67189	
Morphine		310.2 -> 265...	4/10/2017 6:17 PM	5.934	39	0.45	310.2 -> 105...	1.28			Methadone-D9	319.3 -> 268...	6.340	1072496	
Naloxone		150.1 -> 91.1	4/10/2017 6:17 PM	4.991	28891	3.21	150.1 -> 119...				Morphine-D11	161.2 -> 97.1	4.970	395124	
Naltrexol		286.2 -> 201...	4/10/2017 6:17 PM	4.116	68828	389.52	286.2 -> 165...	234.59			Naloxone-D5	292.2 -> 152...	4.094	2994	
Naltrexone		328.2 -> 309...	4/10/2017 6:17 PM	6.439	923	3.53	328.2 -> 211...	0.63			Naltrexone-D6	333.2 -> 315...	6.072	1156	
Norbuprenorphine		344.2 -> 326...	4/10/2017 6:17 PM	4.892	3249	6.47	344.2 -> 308...	0.65			Naltrexol-D3	347.2 -> 329...	4.952	243324	
Nordiazepam		342.2 -> 324...	4/10/2017 6:17 PM	5.076	47	0.52	342.2 -> 55.3				Naltrexone-D3	345.2 -> 327...	4.871	130819	
Norfentanyl		414.3 -> 101...	4/10/2017 6:17 PM	6.008	63	1.05	414.3 -> 57.3	1.08			Norbuprenorphine-D3	417.3 -> 101...	5.825	22446	
Norhydrocodone		271.1 -> 140...	4/10/2017 6:17 PM				271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.653	48310	
Noroxycodone		233.2 -> 84.2	4/10/2017 6:17 PM	5.313	27	13.55	233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.373	617130	
O-desmethyl-tramadol		286.2 -> 199...	4/10/2017 6:17 PM	4.960	123	6.25	286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.960	62120	
Oxazepam		302.1 -> 284...	4/10/2017 6:17 PM	4.917	1397	1.01	302.1 -> 186...	1.85			Noroxycodone-D3	305.2 -> 287...	4.896	106605	
Oxycodone		250.2 -> 58.3	4/10/2017 6:17 PM	4.985	1145	1.83	250.2 -> 42.3	7.64			O-desmethyl-tramadol...	256.2 -> 64.3	4.945	780627	
Oxycodone		287.1 -> 240...	4/10/2017 6:17 PM	4.813	871	1.69	287.1 -> 268...	0.37			Oxazepam-D5	292.1 -> 246...	6.487	43012	
Phentermine		316.2 -> 298...	4/10/2017 6:17 PM	4.394	296	0.90	316.2 -> 241...	0.94			Oxycodone-D6	322.2 -> 304...	4.934	217515	
Promethazine		150.1 -> 65.2	4/10/2017 6:17 PM				150.1 -> 133...				Oxycodone-D3	305.2 -> 287...	4.896	106534	
Quetiapine		285.1 -> 86.2	4/10/2017 6:17 PM	6.305	53	0.78	285.1 -> 71.3	0.85			Phentermine-D5	155.2 -> 96.2	5.132	341412	
Sertraline		384.2 -> 253...	4/10/2017 6:17 PM	6.131	336	0.34	384.2 -> 221...	0.54			Promethazine-D3	288.2 -> 89.2	6.263	1728055	
Sufentanil		306.1 -> 158...	4/10/2017 6:17 PM	6.425	60	0.71	306.1 -> 275...				Quetiapine-D8	392.2 -> 226...	6.192	275249	
		387.2 -> 238...	4/10/2017 6:17 PM	6.192	839	5.44	387.2 -> 111...	2.85			Sertraline-D3	309.1 -> 275...	6.505	433525	
											Sufentanil-D5	392.2 -> 238...	6.192	590203	

Compound Method		p1 external control		p1 external control Results		Qualifier 1 M...		Qualifi...		ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	Transition	S/N	Name	Transition	RT	Resp.		
Temazepam	301.1 -> 255..	4/10/2017 6:17 PM	6.507	451	2.89	301.1 -> 283...	1.50	Temazepam-D5	306.1 -> 260...	6.628	360649		
Tramadol	264.2 -> 58.3	4/10/2017 6:17 PM	5.451	5375	27.40	264.2 -> 43.3	1.11	Tramadol-13C-D3	268.2 -> 58.3	5.471	1066569		
Trazodone	372.2 -> 176..	4/10/2017 6:17 PM	6.030	747	5.09	372.2 -> 148...	1.72	Trazodone-D6	378.2 -> 182...	6.030	656207		
Venlafaxine	278.2 -> 58.3	4/10/2017 6:17 PM	6.163	331	0.78	278.2 -> 260...	0.72	Venlafaxine-D6	284.2 -> 64.3	5.817	964539		
Zolpidem	308.2 -> 235..	4/10/2017 6:17 PM	5.874	251	0.66	308.2 -> 263...	1.50	Zolpidem-D6	314.2 -> 235...	5.771	745537		

Compound Method	p2 external control			p2 external control Results			Qualifier 1 M...			Qualif...			ISTD Method			ISTD Results		
Name	Transition	Acq. Date-Time	Pos.	RT	Resp.	S/N	MI	Transition	S/N	Name	Transition	RT	Resp.					
7-aminoflunitrazepam	284.1 -> 135...	4/10/2017 6:27 PM	P2-...	5.783	1207	2.39	284.1 -> 93.2	4.24	7-aminoflunitrazepam-D7	291.2 -> 138...	5.802	235889						
alpha-hydroxymidazolam	342.1 -> 324...	4/10/2017 6:27 PM	P2-...	6.468	158	0.69	342.1 -> 203...		alpha-hydroxymidazolam...	346.1 -> 328...	6.468	306157						
Amiripryline	278.2 -> 91.2	4/10/2017 6:27 PM	P2-...	6.377	12496...	Infinity	278.2 -> 105...	Infini...	Amiripryline-D3	281.2 -> 91.2	6.376	416064						
Amoxapine	314.1 -> 271...	4/10/2017 6:27 PM	P2-...	6.329	56	35.53	314.1 -> 193...		Amiripryline-D3	281.2 -> 91.2	6.376	416064						
Benzoylcegonine	290.1 -> 168...	4/10/2017 6:27 PM	P2-...	6.341	324	0.41	290.1 -> 105...	0.39	Benzoylcegonine-D8	298.2 -> 171...	5.433	5464						
Carbamazepine	237.1 -> 193...	4/10/2017 6:27 PM	P2-...	6.473	551	45.11	237.1 -> 194...	0.39	Carbamazepine-13C6	243.1 -> 200...	6.238	10421...						
Chlordiazepoxide	300.1 -> 227...	4/10/2017 6:27 PM	P2-...	6.613	20	0.30	300.1 -> 282...		Chlordiazepoxide-D5	305.1 -> 286...	6.555	267358						
Clonipramine	315.2 -> 86.2	4/10/2017 6:27 PM	P2-...	6.613	20	0.30	315.2 -> 58.3		Clonipramine-D3	318.2 -> 89.2	6.532	16658...						
Cocaine	304.2 -> 182...	4/10/2017 6:27 PM	P2-...	6.316	884	1.15	304.2 -> 105...	0.64	Cocaine-D3	307.2 -> 185...	5.594	580369						
Desipramine	267.2 -> 72.3	4/10/2017 6:27 PM	P2-...	6.316	884	1.15	267.2 -> 44.3	10.02	Desipramine-D3	270.2 -> 75.3	6.336	12245...						
Doxepin	280.2 -> 107...	4/10/2017 6:27 PM	P2-...	6.376	1971	2.23	280.2 -> 77.2	6.38	Doxepin-D3	283.2 -> 107...	6.110	538763						
Estazolam	295.1 -> 267...	4/10/2017 6:27 PM	P2-...	6.393	99	0.33	295.1 -> 205...	1.31	Estazolam-D5	300.1 -> 272...	6.494	284668						
Flunitrazepam	314.1 -> 268...	4/10/2017 6:27 PM	P2-...	6.573	1281	0.71	314.1 -> 239...	0.44	Flunitrazepam-D7	321.1 -> 245...	6.512	12177						
Flurazepam	388.2 -> 315...	4/10/2017 6:27 PM	P2-...	6.222	286	26.14	388.2 -> 317...		Zopiclone-D4	393.1 -> 244...	5.754	28597						
Imipramine	281.2 -> 86.2	4/10/2017 6:27 PM	P2-...	6.396	2068	1.29	281.2 -> 58.3		Imipramine-D3	284.2 -> 61.3	6.334	923164						
Levamisole	205.1 -> 91.2	4/10/2017 6:27 PM	P2-...	6.233	1974	3.46	205.1 -> 178...		Cocaine-D3	307.2 -> 185...	5.594	580369						
Maprotiline	278.2 -> 91.2	4/10/2017 6:27 PM	P2-...	6.233	1974	3.46	278.2 -> 117...	0.64	Mepiridine-D4	252.2 -> 224...	5.624	265951						
MDEA	180.1 -> 163...	4/10/2017 6:27 PM	P2-...	6.233	1974	3.46	180.1 -> 105...		MDEA-D5	185.1 -> 168...	4.983	164793						
MDEA	208.1 -> 163...	4/10/2017 6:27 PM	P2-...	6.233	1974	3.46	208.1 -> 105...		MDEA-D6	214.2 -> 166...	5.262	456245						
MDMA	194.1 -> 163...	4/10/2017 6:27 PM	P2-...	6.233	1974	3.46	194.1 -> 105...		MDMA-D6	200.2 -> 166...	5.103	39666						
Mepiridine	248.2 -> 220...	4/10/2017 6:27 PM	P2-...	5.789	362	0.57	248.2 -> 174...		Mepiridine-D4	252.2 -> 224...	5.624	265951						
Mepiridine	234.2 -> 84.2	4/10/2017 6:27 PM	P2-...	5.789	362	0.57	234.2 -> 56.3		Mepiridine-D4	252.2 -> 224...	5.624	265951						
Methopropiol	268.2 -> 116...	4/10/2017 6:27 PM	P2-...	6.571	42	0.25	268.2 -> 56.3		Mepiridine-D4	252.2 -> 224...	5.624	265951						
Midazolam	326.1 -> 223...	4/10/2017 6:27 PM	P2-...	6.571	42	0.25	326.1 -> 249...		Midazolam-D4	330.1 -> 295...	6.347	327522						
Miltazapine	266.2 -> 195...	4/10/2017 6:27 PM	P2-...	5.704	947113	Infinity	266.2 -> 72.3	Infini...	Midazolam-D4	330.1 -> 295...	6.347	327522						
Miltazapine	399.2 -> 174...	4/10/2017 6:27 PM	P2-...	5.704	947113	Infinity	399.2 -> 238...		Carbamazepine-13C6	243.1 -> 200...	6.238	10421...						
Normeperidine	234.1 -> 42.3	4/10/2017 6:27 PM	P2-...	6.144	143	0.43	234.1 -> 160...		Normeperidine-D4	238.2 -> 164...	5.626	209569						
Normeperidine	326.2 -> 44.3	4/10/2017 6:27 PM	P2-...	6.144	143	0.43	326.2 -> 252...		Normeperidine-D5	331.2 -> 44.3	6.225	144769						
Northipylone	264.2 -> 91.2	4/10/2017 6:27 PM	P2-...	6.379	1097	0.86	264.2 -> 233...	4.55	Northipylone-D3	267.2 -> 233...	6.357	413172						
Ornaseton	294.2 -> 184...	4/10/2017 6:27 PM	P2-...	5.637	52	0.59	294.2 -> 212...	0.86	Pentazocine-13C3	289.2 -> 72.3	5.699	459594						
Pentazocine	286.2 -> 218...	4/10/2017 6:27 PM	P2-...	5.637	52	0.59	286.2 -> 41.3		Pentazocine-13C3	289.2 -> 72.3	5.699	459594						
Phenazepam	349.0 -> 206...	4/10/2017 6:27 PM	P2-...	6.467	1575	7.70	349.0 -> 183...		Phenazepam-D4	353.0 -> 183...	6.608	11580						
Phencyclidine	244.2 -> 86.2	4/10/2017 6:27 PM	P2-...	5.912	422	2.36	244.2 -> 91.1		Phencyclidine-D5	249.2 -> 86.2	5.912	899259						
Phenyltoin	253.1 -> 104...	4/10/2017 6:27 PM	P2-...	6.114	77	0.27	253.1 -> 182...		Phenyltoin-D10	263.2 -> 192...	6.134	11628						
Prazepam	325.1 -> 271...	4/10/2017 6:27 PM	P2-...	7.079	260	0.71	325.1 -> 140...		Prazepam-D5	330.1 -> 276...	7.036	10352...						
Primidone	219.1 -> 91.2	4/10/2017 6:27 PM	P2-...	5.751	2929	7.81	219.1 -> 162...	0.23	Prazepam-D5	330.1 -> 276...	7.036	10352...						
Propoxyphene	340.2 -> 58.3	4/10/2017 6:27 PM	P2-...	6.245	1202	0.54	340.2 -> 266...	1.04	Propoxyphene-D11	351.3 -> 277...	6.223	268159						
Protipylone	264.2 -> 155...	4/10/2017 6:27 PM	P2-...	6.277	41	0.18	264.2 -> 161...		Northipylone-D3	267.2 -> 233...	6.357	413172						
Pseudoephedrine	166.1 -> 148...	4/10/2017 6:27 PM	P2-...	4.722	722	0.21	166.1 -> 133...	0.40	Pseudoephedrine-D3	169.1 -> 151...	4.619	459536						
Tapentadol	222.2 -> 107...	4/10/2017 6:27 PM	P2-...	5.342	633	0.65	222.2 -> 121...	0.35	Tapentadol-D3	225.2 -> 107...	5.485	693797						
Trimipramine	295.2 -> 100...	4/10/2017 6:27 PM	P2-...	5.342	633	0.65	295.2 -> 58.3		Trimipramine-D3	298.2 -> 103...	6.413	18875...						
Verapamil	455.3 -> 165...	4/10/2017 6:27 PM	P2-...	6.064	73	0.81	455.3 -> 150...		Trimipramine-D3	298.2 -> 103...	6.413	18875...						
Zaleplon	306.1 -> 236...	4/10/2017 6:27 PM	P2-...	6.064	73	0.81	306.1 -> 264...		Zaleplon-D4	310.2 -> 240...	6.330	197449						
Zopiclone	389.1 -> 244...	4/10/2017 6:27 PM	P2-...	6.342	26	0.20	389.1 -> 216...		Zopiclone-D4	393.1 -> 244...	5.754	28597						

Compound Method		p2 cal 1b			p2 cal 1b Results			p2 cal 1b Results			ISTD Method			
Name	Transition	Acq. Date-Time	Pos.	RT	Resp.	S/N	MI	Qualifier 1 M...	S/N	Qualifi...	Name	Transition	RT	Resp.
7-aminoflunitrazepam	284.1 -> 135..	4/10/2017 5:48 PM	P2-A1	5.824	36828	141.22	284.1 -> 93.2	3866...	7-aminoflunitrazepam-D7	291.2 -> 138..	5.802	170754		
alpha-hydroxymidazolam	342.1 -> 324..	4/10/2017 5:48 PM	P2-A1	6.488	43277	43.13	342.1 -> 203..	48.63	alpha-hydroxymidazolam-...	346.1 -> 328..	6.468	245226		
Amitriptyline	278.2 -> 91.2	4/10/2017 5:48 PM	P2-A1	6.356	151690	30.84	278.2 -> 105..	57.08	Amitriptyline-D3	281.2 -> 91.2	6.376	319109		
Amoxapine	314.1 -> 271..	4/10/2017 5:48 PM	P2-A1	6.329	45087	4447.90	314.1 -> 193..	72.26	Amitriptyline-D3	281.2 -> 91.2	6.376	319109		
Benzoylcegonine	290.1 -> 168..	4/10/2017 5:48 PM	P2-A1	5.475	10650	40.11	290.1 -> 105..	32.85	Benzoylcegonine-D8	298.2 -> 171..	5.453	4110		
Carbamazepine	237.1 -> 193..	4/10/2017 5:48 PM	P2-A1	6.239	15238	11.76	237.1 -> 194..	20.44	Carbamazepine-13C6	243.1 -> 200..	6.238	768356		
Chlordiazepoxide	300.1 -> 227..	4/10/2017 5:48 PM	P2-A1	6.575	19444	62.95	300.1 -> 282..	67.70	Chlordiazepoxide-D5	305.1 -> 286..	6.555	209026		
Clomipramine	315.2 -> 86.2	4/10/2017 5:48 PM	P2-A1	6.553	222571	260.09	315.2 -> 58.3	Infinity	Clomipramine-D3	318.2 -> 89.2	6.552	11914..		
Cocaine	304.2 -> 182..	4/10/2017 5:48 PM	P2-A1	5.615	98632	Infinity	304.2 -> 105..	Infinity	Cocaine-D3	307.2 -> 185..	5.615	445236		
Desipramine	267.2 -> 72.3	4/10/2017 5:48 PM	P2-A1	6.337	176636	47210....	267.2 -> 44.3	97.03	Desipramine-D3	270.2 -> 75.3	6.336	915822		
Doxepin	280.2 -> 107..	4/10/2017 5:48 PM	P2-A1	6.131	76788	Infinity	280.2 -> 77.2	7.57	Doxepin-D3	283.2 -> 107..	6.130	380792		
Estazolam	295.1 -> 267..	4/10/2017 5:48 PM	P2-A1	6.516	42528	15413....	295.1 -> 205..	37.80	Estazolam-D5	300.1 -> 272..	6.514	211555		
Flunitrazepam	314.1 -> 268..	4/10/2017 5:48 PM	P2-A1	6.553	42426	22.37	314.1 -> 239..	13.91	Flunitrazepam-D7	321.1 -> 245..	6.552	8798		
Imipramine	388.2 -> 315..	4/10/2017 5:48 PM	P2-A1	6.080	85606	71.29	388.2 -> 317..	115.69	Zopiclone-D4	393.1 -> 244..	5.774	26833		
Lepamisole	281.2 -> 86.2	4/10/2017 5:48 PM	P2-A1	6.355	242157	505.71	281.2 -> 58.3	Infinity	Imipramine-D3	284.2 -> 61.3	6.354	686283		
Levamisole	205.1 -> 91.2	4/10/2017 5:48 PM	P2-A1	4.980	27583	24.58	205.1 -> 178..	40.35	Cocaine-D3	307.2 -> 185..	5.615	445236		
Maprotiline	278.2 -> 91.2	4/10/2017 5:48 PM	P2-A1	6.070	82965	17.94	278.2 -> 117..	3.10	Meperidine-D4	252.2 -> 224..	5.624	190576		
MDEA	180.1 -> 163..	4/10/2017 5:48 PM	P2-A1	5.024	23686	Infinity	180.1 -> 105..	89.83	MDEA-D5	185.1 -> 168..	5.003	129684		
MDMA	208.1 -> 163..	4/10/2017 5:48 PM	P2-A1	5.303	66827	Infinity	208.1 -> 105..	270.17	MDEA-D6	214.2 -> 166..	5.282	344978		
Meperidine	194.1 -> 163..	4/10/2017 5:48 PM	P2-A1	5.123	53352	Infinity	194.1 -> 105..	Infinity	MDMA-D6	200.2 -> 166..	5.123	32378		
Methyphenidate	248.2 -> 220..	4/10/2017 5:48 PM	P2-A1	5.625	35083	45.34	248.2 -> 174..	Infinity	Meperidine-D4	252.2 -> 224..	5.624	190576		
Metoprolol	234.2 -> 84.2	4/10/2017 5:48 PM	P2-A1	5.566	168980	Infinity	234.2 -> 56.3	Infinity	Meperidine-D4	252.2 -> 224..	5.624	190576		
Midazolam	288.2 -> 116..	4/10/2017 5:48 PM	P2-A1	5.499	22583	61.66	288.2 -> 56.3	Infinity	Meperidine-D4	252.2 -> 224..	5.624	190576		
Mirtazapine	326.1 -> 223..	4/10/2017 5:48 PM	P2-A1	6.348	14788	32.32	326.1 -> 249..	Infinity	Midazolam-D4	330.1 -> 295..	6.347	241136		
Mitragynine	266.2 -> 195..	4/10/2017 5:48 PM	P2-A1	5.725	86505	57.55	266.2 -> 72.3	38.48	Midazolam-D4	330.1 -> 295..	6.347	241136		
Normeperidine	399.2 -> 174..	4/10/2017 5:48 PM	P2-A1	6.099	42378	107.59	399.2 -> 238..	60.19	Carbamazepine-13C6	243.1 -> 200..	6.238	768356		
Norpropoxyphene	234.1 -> 42.3	4/10/2017 5:48 PM	P2-A1	5.648	44877	73.44	234.1 -> 160..	Infinity	Normeperidine-D4	238.2 -> 164..	5.647	169292		
Nortriptyline	326.2 -> 44.3	4/10/2017 5:48 PM	P2-A1	6.246	26800	37.75	326.2 -> 252..	43.00	Norpropoxyphene-D5	331.2 -> 44.3	6.225	102284		
Ondansetron	284.2 -> 91.2	4/10/2017 5:48 PM	P2-A1	6.297	251021	317.55	284.2 -> 233..	132.84	Nortriptyline-D3	267.2 -> 233..	6.378	297076		
Pentazocine	294.2 -> 184..	4/10/2017 5:48 PM	P2-A1	5.781	53412	406.04	294.2 -> 212..	182.47	Pentazocine-13C3	289.2 -> 72.3	5.699	338414		
Phenazepam	286.2 -> 218..	4/10/2017 5:48 PM	P2-A1	5.700	81270	Infinity	286.2 -> 41.3	Infinity	Pentazocine-13C3	289.2 -> 72.3	5.699	338414		
Phencyclidine	349.0 -> 206..	4/10/2017 5:48 PM	P2-A1	6.609	23138	926.32	349.0 -> 183..	90.44	Phenazepam-D4	353.0 -> 183..	6.608	9436		
Phenylethanolamine	244.2 -> 86.2	4/10/2017 5:48 PM	P2-A1	5.932	128781	Infinity	244.2 -> 91.1	Infinity	Phencyclidine-D5	249.2 -> 86.2	5.911	633193		
Prazepam	253.1 -> 104..	4/10/2017 5:48 PM	P2-A1	6.175	1435	4.48	253.1 -> 182..	5.94	Phenylethanolamine-D10	263.2 -> 192..	6.134	8840		
Propoxyphene	325.1 -> 271..	4/10/2017 5:48 PM	P2-A1	7.059	173171	Infinity	325.1 -> 140..	58.28	Prazepam-D5	330.1 -> 276..	7.057	783819		
Propranolol	219.1 -> 91.2	4/10/2017 5:48 PM	P2-A1	5.547	5425	9.37	219.1 -> 162..	96.69	Prazepam-D5	330.1 -> 276..	7.057	783819		
Pseudoephedrine	340.2 -> 58.3	4/10/2017 5:48 PM	P2-A1	6.224	153124	124.67	340.2 -> 266..	48.03	Propoxyphene-D11	351.3 -> 277..	6.223	184817		
Tapentadol	284.2 -> 155..	4/10/2017 5:48 PM	P2-A1	6.297	386572	808.62	284.2 -> 161..	0.42	Nortriptyline-D3	267.2 -> 233..	6.378	297076		
Trimipramine	166.1 -> 148..	4/10/2017 5:48 PM	P2-A1	4.640	711433	237.98	166.1 -> 133..	87.79	Pseudoephedrine-D3	169.1 -> 151..	4.619	351501		
Verapamil	222.2 -> 107..	4/10/2017 5:48 PM	P2-A1	5.506	97599	Infinity	222.2 -> 121..	Infinity	Tapentadol-D3	225.2 -> 107..	5.506	522694		
Zaleplon	455.2 -> 100..	4/10/2017 5:48 PM	P2-A1	6.413	267858	226.82	455.2 -> 58.3	Infinity	Trimipramine-D3	298.2 -> 103..	6.413	13945..		
Zopiclone	306.1 -> 236..	4/10/2017 5:48 PM	P2-A1	6.350	39658	6273.05	306.1 -> 150..	49.10	Trimipramine-D3	298.2 -> 103..	6.413	13945..		
	389.1 -> 244..	4/10/2017 5:48 PM	P2-A1	5.774	5768	8.44	389.1 -> 216..	10.89	Zaleplon-D4	310.2 -> 240..	6.350	146366		
									Zopiclone-D4	393.1 -> 244..	5.774	26833		

Compound Method		p2 negative			p2 negative Results			ISTD Method						
Name	Transition	Acq. Date-Time	Pos.	RT	Resp.	S/N	MI	Qualifier 1 M...	S/N	Qualif...	Name	Transition	RT	Resp.
7-aminoflunitrazepam	284.1 -> 135...	4/10/2017 6:07 PM	P2...	5.803	1387	2.06	284.1 -> 93.2	2.21		7-aminoflunitrazepam-D7	291.2 -> 138...	5.802	191571	
alpha-hydroxymidazolam	342.1 -> 324...	4/10/2017 6:07 PM	P2...	6.448	75	0.59	342.1 -> 203...			alpha-hydroxymidazolam-...	346.1 -> 328...	6.468	291625	
Amtripyline	278.2 -> 91.2	4/10/2017 6:07 PM	P2...				278.2 -> 105...			Amtripyline-D3	281.2 -> 91.2	6.376	374502	
Amoxapine	314.1 -> 271...	4/10/2017 6:07 PM	P2...	6.573	656	166.12	314.1 -> 193...	Infri...		Amtripyline-D3	281.2 -> 91.2	6.376	374502	
Benzoylcegonine	290.1 -> 168...	4/10/2017 6:07 PM	P2...				290.1 -> 105...			Benzoylcegonine-D8	296.2 -> 171...	5.433	4029	
Carbamazepine	237.1 -> 193...	4/10/2017 6:07 PM	P2...				300.1 -> 282...	1.27		Carbamazepine-13C6	243.1 -> 200...	6.238	944279	
Chlordiazepoxide	300.1 -> 227...	4/10/2017 6:07 PM	P2...	6.494	704	1.56	315.2 -> 58.3	1.22		Chlordiazepoxide-D5	305.1 -> 286...	6.555	252270	
Clompramine	315.2 -> 86.2	4/10/2017 6:07 PM	P2...	6.553	378	2.71	304.2 -> 105...			Clompramine-D3	318.2 -> 89.2	6.552	14027...	
Cocaine	304.2 -> 182...	4/10/2017 6:07 PM	P2...				267.2 -> 44.3	2.96		Cocaine-D3	307.2 -> 185...	5.615	492977	
Desipramine	267.2 -> 72.3	4/10/2017 6:07 PM	P2...	6.337	1246	1.89	280.2 -> 77.2	2.63		Desipramine-D3	270.2 -> 75.3	6.336	10849...	
Doxepin	280.2 -> 107...	4/10/2017 6:07 PM	P2...	6.191	54	0.49	295.1 -> 205...			Doxepin-D3	283.2 -> 107...	6.130	450503	
Estazolam	295.1 -> 267...	4/10/2017 6:07 PM	P2...				314.1 -> 239...	0.72		Estazolam-D5	300.1 -> 272...	6.494	253499	
Flunitrazepam	314.1 -> 268...	4/10/2017 6:07 PM	P2...				388.2 -> 317...			Flunitrazepam-D7	321.1 -> 245...	6.532	10381	
Flurazepam	388.2 -> 315...	4/10/2017 6:07 PM	P2...	6.060	295	1.05	281.2 -> 58.3			Zopiclone-D4	393.1 -> 244...	5.774	40534	
Imipramine	281.2 -> 86.2	4/10/2017 6:07 PM	P2...	6.376	1832	2.66	205.1 -> 178...			Imipramine-D3	284.2 -> 61.3	6.334	783020	
Levamisole	205.1 -> 91.2	4/10/2017 6:07 PM	P2...				194.1 -> 105...	0.20		Cocaine-D3	307.2 -> 185...	5.615	492977	
Maprotiline	278.2 -> 91.2	4/10/2017 6:07 PM	P2...	5.908	315	0.59	180.1 -> 105...			Meperidine-D4	252.2 -> 224...	5.624	210825	
MDEA	180.1 -> 163...	4/10/2017 6:07 PM	P2...	5.124	324	0.59	208.1 -> 105...			MDEA-D5	185.1 -> 168...	5.003	141533	
MDEA	208.1 -> 163...	4/10/2017 6:07 PM	P2...	5.262	840	2.40	194.1 -> 105...			MDEA-D6	214.2 -> 166...	5.282	382936	
MDMA	194.1 -> 163...	4/10/2017 6:07 PM	P2...	5.164	686	Infinity	248.2 -> 174...			MDMA-D6	200.2 -> 166...	5.123	32589	
Meperidine	248.2 -> 220...	4/10/2017 6:07 PM	P2...	5.830	538	0.47	234.2 -> 56.3	Infri...		Meperidine-D4	252.2 -> 224...	5.624	210825	
Methylphenidate	234.2 -> 84.2	4/10/2017 6:07 PM	P2...	5.566	211	0.60	268.2 -> 56.3			Meperidine-D4	252.2 -> 224...	5.624	210825	
Metoprolol	268.2 -> 116...	4/10/2017 6:07 PM	P2...				326.1 -> 249...			Midazolam-D4	330.1 -> 295...	6.347	283332	
Midazolam	326.1 -> 223...	4/10/2017 6:07 PM	P2...	5.725	373	Infinity	266.2 -> 72.3			Midazolam-D4	330.1 -> 295...	6.347	283332	
Mirtazapine	266.2 -> 195...	4/10/2017 6:07 PM	P2...				399.2 -> 238...	4.41		Carbamazepine-13C6	243.1 -> 200...	6.238	944279	
Mitragynine	399.2 -> 174...	4/10/2017 6:07 PM	P2...				234.1 -> 160...			Normeperidine-D4	238.2 -> 164...	5.647	190885	
Normeperidine	234.1 -> 42.3	4/10/2017 6:07 PM	P2...	5.709	60	0.66	326.2 -> 252...			Normeperidine-D4	238.2 -> 164...	5.647	190885	
Norpropoxyphene	326.2 -> 44.3	4/10/2017 6:07 PM	P2...	6.144	104	0.30	284.2 -> 233...			Norpropoxyphene-D5	331.2 -> 44.3	6.225	114602	
Nortriptyline	264.2 -> 91.2	4/10/2017 6:07 PM	P2...	6.399	129	0.56	294.2 -> 212...			Nortriptyline-D3	267.2 -> 233...	6.378	359737	
Ondansetron	294.2 -> 184...	4/10/2017 6:07 PM	P2...	6.067	62	0.70	286.2 -> 41.3			Pentazocine-13C3	289.2 -> 72.3	5.699	383205	
Pentazocine	286.2 -> 218...	4/10/2017 6:07 PM	P2...				349.0 -> 183...			Pentazocine-13C3	289.2 -> 72.3	5.699	383205	
Phenazepam	349.0 -> 206...	4/10/2017 6:07 PM	P2...	6.447	1298	187.90	244.2 -> 91.1			Phenazepam-D4	353.0 -> 183...	6.608	10872	
Phencyclidine	244.2 -> 86.2	4/10/2017 6:07 PM	P2...	5.912	716	0.73	253.1 -> 182...			Phencyclidine-D5	249.2 -> 86.2	5.912	757018	
Phenylethanol	253.1 -> 104...	4/10/2017 6:07 PM	P2...	5.952	105	1.70	325.1 -> 140...			Phenylethanol-D10	263.2 -> 192...	6.135	9947	
Prazepam	325.1 -> 271...	4/10/2017 6:07 PM	P2...				219.1 -> 162...	0.26		Prazepam-D5	330.1 -> 276...	7.036	885016	
Primidone	219.1 -> 91.2	4/10/2017 6:07 PM	P2...	5.772	1805	0.93	340.2 -> 266...	0.65		Prazepam-D5	330.1 -> 276...	7.036	885016	
Propoxyphene	340.2 -> 58.3	4/10/2017 6:07 PM	P2...	6.529	869	0.58	264.2 -> 161...	6.19		Propoxyphene-D11	351.3 -> 277...	6.223	216109	
Protriptyline	264.2 -> 155...	4/10/2017 6:07 PM	P2...	6.235	81	0.58	166.1 -> 133...			Nortriptyline-D3	267.2 -> 233...	6.378	359737	
Pseudoephedrine	166.1 -> 148...	4/10/2017 6:07 PM	P2...	4.914	127	0.32	222.2 -> 121...			Pseudoephedrine-D3	169.1 -> 151...	4.639	378371	
Tapentadol	222.2 -> 107...	4/10/2017 6:07 PM	P2...	5.690	161	0.47	455.3 -> 58.3			Tapentadol-D3	225.2 -> 107...	5.506	574830	
Trimipramine	295.2 -> 100...	4/10/2017 6:07 PM	P2...	6.413	268	0.64	295.3 -> 150...			Trimipramine-D3	288.2 -> 103...	6.413	16620...	
Verapamil	455.3 -> 165...	4/10/2017 6:07 PM	P2...	6.160	122	2.85	306.1 -> 264...			Trimipramine-D3	288.2 -> 103...	6.413	16620...	
Zaleplon	306.1 -> 236...	4/10/2017 6:07 PM	P2...				389.1 -> 244...	6.688		Zaleplon-D4	310.2 -> 240...	6.330	168963	
Zopiclone	389.1 -> 244...	4/10/2017 6:07 PM	P2...		25	0.36	389.1 -> 216...			Zopiclone-D4	393.1 -> 244...	5.774	40534	