




















\*AM7 Central File Available upon request. TS

TS

**Worklist: 2472**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-2416	1	115313	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-2479	1	115529	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-2509	1	115673	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-2617	2	118276	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-2732	1	116785	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-2738	1	116838	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-2839	1	117426	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-2900	2	117860	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1490	1	115951	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1522	1	116204	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1616	1	117250	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1619	1	117322	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1639	1	117402	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1643	1	117480	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1649	1	117652	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1655	1	117789	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1668	1	117844	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1669	1	117847	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1671	1	117863	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1692	1	118066	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1716	8	118244	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1720	1	118253	AM 25 Blood Multi-Drug Screen by LC-QQQ	

TS

# AM# 25: Multi-Drug Screen in Blood by LC-MS/MS

Extraction Date: 06/12/18  
Plate lot#: 0515207

Analyst: Tamara Salazar  
Plate Expiration: 10/18/18

**Mobile phase A:** 10mM Amm Form  
0.5M Ammonium Hydroxide

**Mobile phase B:** 0.1% Formic Acid in MeOH  
Ethyl Acetate LC Methanol

**Blank Blood Lot:** 36133-1

**Column:** Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

**LCMS-QQQ ID:** 59740

## Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.
- 3. Create worklist: Data Path Name: \_\_\_\_\_

## Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 3** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical 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. 10-15 seconds (or until no liquid remains on top of sorbent).  
*(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.  
*SPE Dry ID: 067103*
- 16. Reconstitute in **100µL 100% LC 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: 061218 MDS TS Worklist 2472  
Worklist path: P1 061218 worklist 2472 TS and P2 061218 worklist 2472 TS
- 2. Make necessary changes to integration limits
- 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% or 0.1 min RT of administrative control. > 1/3 the response of administrative control.
- 4. Did all QCs pass for each analyte? Y / N \_\_\_\_\_
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Phentermine not evaluated.



# Idaho State Police Forensic Services

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## AM #25 Blood Multi-Drug Screen by LCMS-QQQ

Analyst: Tamara Salazar  
Extraction Date: 06/12/18  
Worklist Number: 2472

<i>Reagent</i>	<i>Lot Number</i>	<i>Expiration Date</i>	<i>Date in Service</i>	<i>Date Out of Service</i>	<i>Initials</i>
ToxBox Benzo/Opiate Screening Plate	0515207	10/18/18			
Negative Blood	361331-1		05/25/18		
Methanol External Control Solution	042618	04/26/19	04/26/18		
Blood External Control Solution	WS042618	04/26/19	04/26/18		
0.5M Ammonium Hydroxide	032918	09/29/18	03/29/18		
Formic Acid (LCMS Grade)	095180B		11/15/17		
Water (LCMS Grade)	177528		03/05/18		
Methanol (LCMS Grade)	177145		04/11/18		
Ammonium Formate (LCMS Grade)	A0287238		01/30/17		
Ammonium Hydroxide (ACS grade or better)	053200		08/03/07		
Ethyl Acetate(ACS grade or better)	100362		06/26/17		
10mM Ammonium Formate in LCMS Water (Mobile Phase A)	061218		06/12/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	05/07/18		05/07/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	05/07/18		05/07/18		

**Methanol External Control Solution (Lot: 042618 )**  
100 ul of 1mg/mL stock was added to each drug to 9600 ul of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	177145	
Oxycodone	Cerilliant	FE01181701	March 2022
Diazepam	Cerilliant	FE05201602	June 2021
Metoprolol	Cerilliant	FN06091510	July 2020
Meperidine	Cerilliant	FE01271602	June 2021
Prepared:	04/26/18		
Prepared By:	Tamara Salazar		
Expires:	04/26/19		

TS

AM #25: Blood Multi-Drug Screen by LCMS-QQQ

**Blood External Control Solution (Lot: WS042618)**

100 ul of methanol external control solution was added to 9900 ul of blood.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Hemostat	361331-2
Methanol External Control Solution		042618
Prepared:	04/26/18	
Prepared by:	Tamara Salazar	
Expires:	04/26/19	

**0.5M Ammonium Hydroxide (Lot: 032918)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Hydroxide (ACS grade or better)	Fisher	053200
DI Water	-	-
Prepared:	03/29/18	
Prepared By:	Tamara Salazar	
Expires:	09/29/18	

**10mM Ammonium Formate in LCMS Water (Mobile Phase A) (Lot: 061218)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	177528
Prepared:	06/12/18	
Prepared By:	Tamara Salazar	

**0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 050718)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	05/07/18	
Prepared By:	Sarah Pickle	

**Needle Rinse (75% LCMS MeOH in LCMS Water)(Lot: 050718)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	177528
Prepared:	05/07/18	
Prepared By:	Sarah Pickle	

Compound Method		p1 cal 1a		p1 cal 1a Results				Qualifier 1 M...				Qualifier 1 Results				ISTD Method		ISTD Results				
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	Name	Transition	RT	Resp.				
6-MAM	328.2 -> 165...	6/12/2018 3:44 PM	5.244	382	104.40	328.2 -> 211...	1296	453.45	6-MAM-D6	334.2 -> 165...	4.959	135822	6-MAM	328.2 -> 165...	6/12/2018 3:44 PM	5.244	382	104.40	6-MAM-D6	334.2 -> 165...	4.959	135822
7-Aminoclonazepam	286.1 -> 121...	6/12/2018 3:44 PM	5.415	58575	97.06	286.1 -> 222...	22911	230.46	7-Aminoclonazepam-D4	290.1 -> 121...	5.415	174773	7-Aminoclonazepam	286.1 -> 121...	6/12/2018 3:44 PM	5.415	58575	97.06	7-Aminoclonazepam-D4	290.1 -> 121...	5.415	174773
Acetyl Fentanyl	323.2 -> 105...	6/12/2018 3:44 PM	5.876	24673	80.57	323.2 -> 188...	11986	31.02	Acetyl Fentanyl-D5	328.2 -> 105...	5.875	31404...	Acetyl Fentanyl	323.2 -> 105...	6/12/2018 3:44 PM	5.876	24673	80.57	Acetyl Fentanyl-D5	328.2 -> 105...	5.875	31404...
Acetyl Nortentanyl	219.1 -> 84.2	6/12/2018 3:44 PM	4.853	21383	5149.97	219.1 -> 56.3	8125	23.79	Acetyl Nortentanyl-D5	224.2 -> 84.2	4.832	10517...	Acetyl Nortentanyl	219.1 -> 84.2	6/12/2018 3:44 PM	4.853	21383	5149.97	Acetyl Nortentanyl-D5	224.2 -> 84.2	4.832	10517...
alpha-hydroxyalprazolam	325.1 -> 297...	6/12/2018 3:44 PM	6.180	25796	1921.67	325.1 -> 215...	6819	1324.80	alpha-hydroxyalprazolam-D5	330.1 -> 302...	6.179	116469	alpha-hydroxyalprazolam	325.1 -> 297...	6/12/2018 3:44 PM	6.180	25796	1921.67	alpha-hydroxyalprazolam-D5	330.1 -> 302...	6.179	116469
Alprazolam	232.2 -> 91.0	6/12/2018 3:44 PM	5.545	230130	739.31	232.2 -> 77.1	1187	318.19	Alprazolam-D8	240.2 -> 91.1	5.523	15152...	Alprazolam	232.2 -> 91.0	6/12/2018 3:44 PM	5.545	230130	739.31	Alprazolam-D8	240.2 -> 91.1	5.523	15152...
Alprazolam	309.1 -> 281...	6/12/2018 3:44 PM	6.286	252751	77884.33	309.1 -> 205...	78853	471.54	Alprazolam-D5	314.1 -> 286...	6.264	992328	Alprazolam	309.1 -> 281...	6/12/2018 3:44 PM	6.286	252751	77884.33	Alprazolam-D5	314.1 -> 286...	6.264	992328
Amphetamine	136.1 -> 91.1	6/12/2018 3:44 PM	4.794	240218	Infinity	136.1 -> 119...	47284	37258.27	Amphetamine-D11	147.2 -> 130...	4.753	10185	Amphetamine	136.1 -> 91.1	6/12/2018 3:44 PM	4.794	240218	Infinity	Amphetamine-D11	147.2 -> 130...	4.753	10185
Bupropion	240.1 -> 184...	6/12/2018 3:44 PM	5.747	185767	21226.27	240.1 -> 131...	2293...	Infinity	Bupropion-D9	249.2 -> 185...	5.726	398435	Bupropion	240.1 -> 184...	6/12/2018 3:44 PM	5.747	185767	21226.27	Bupropion-D9	249.2 -> 185...	5.726	398435
Carisoprodol	261.2 -> 176...	6/12/2018 3:44 PM	5.969	24576	2998.37	261.2 -> 55.3	1230...	45.51	Carisoprodol-D7	268.2 -> 183...	5.908	157770	Carisoprodol	261.2 -> 176...	6/12/2018 3:44 PM	5.969	24576	2998.37	Carisoprodol-D7	268.2 -> 183...	5.908	157770
Chlormeparam	325.2 -> 109...	6/12/2018 3:44 PM	5.956	451467	69.73	325.2 -> 262...	1218...	7410.04	Chlormeparam-D6	331.2 -> 109...	5.956	15054...	Chlormeparam	325.2 -> 109...	6/12/2018 3:44 PM	5.956	451467	69.73	Chlormeparam-D6	331.2 -> 109...	5.956	15054...
Clonazepam	316.1 -> 269...	6/12/2018 3:44 PM	6.122	55944	14424.54	316.1 -> 213...	10024	2081.71	Clonazepam-D4	320.1 -> 217...	6.121	52208	Clonazepam	316.1 -> 269...	6/12/2018 3:44 PM	6.122	55944	14424.54	Clonazepam-D4	320.1 -> 217...	6.121	52208
Codeine	300.2 -> 215...	6/12/2018 3:44 PM	4.882	21619	10.09	300.2 -> 165...	22649	44.85	Codeine-D6	306.2 -> 218...	4.880	100409	Codeine	300.2 -> 215...	6/12/2018 3:44 PM	4.882	21619	10.09	Codeine-D6	306.2 -> 218...	4.880	100409
Cyclobenzaprine	276.2 -> 214...	6/12/2018 3:44 PM	6.251	211965	4182.87	276.2 -> 231...	84576	15597.20	Cyclobenzaprine-D3	279.2 -> 215...	6.250	11413...	Cyclobenzaprine	276.2 -> 214...	6/12/2018 3:44 PM	6.251	211965	4182.87	Cyclobenzaprine-D3	279.2 -> 215...	6.250	11413...
Dextromethorphan	272.2 -> 171...	6/12/2018 3:44 PM	6.029	254958	48214.77	272.2 -> 147...	2563...	59561.73	Dextromethorphan-D3	275.2 -> 171...	6.008	733274	Dextromethorphan	272.2 -> 171...	6/12/2018 3:44 PM	6.029	254958	48214.77	Dextromethorphan-D3	275.2 -> 171...	6.008	733274
Dextropropriphan	258.2 -> 157...	6/12/2018 3:44 PM	5.358	103199	29106.85	258.2 -> 133...	1199...	Infinity	Dextropropriphan-D3	261.2 -> 157...	5.358	607981	Dextropropriphan	258.2 -> 157...	6/12/2018 3:44 PM	5.358	103199	29106.85	Dextropropriphan-D3	261.2 -> 157...	5.358	607981
Diazepam	285.1 -> 193...	6/12/2018 3:44 PM	6.512	112418	215.00	285.1 -> 153...	1689...	Infinity	Diazepam-D5	290.1 -> 198...	6.491	449719	Diazepam	285.1 -> 193...	6/12/2018 3:44 PM	6.512	112418	215.00	Diazepam-D5	290.1 -> 198...	6.491	449719
Dihydrocodeine	302.2 -> 198...	6/12/2018 3:44 PM	4.779	42958	10240.80	302.2 -> 128...	44324	8555.12	Dihydrocodeine-D6	308.2 -> 202...	4.758	201365	Dihydrocodeine	302.2 -> 198...	6/12/2018 3:44 PM	4.779	42958	10240.80	Dihydrocodeine-D6	308.2 -> 202...	4.758	201365
Diphenhydramine	256.2 -> 167...	6/12/2018 3:44 PM	5.929	953907	272827.78	256.2 -> 152...	2083...	141.32	Diphenhydramine-D3	259.2 -> 167...	5.929	38041...	Diphenhydramine	256.2 -> 167...	6/12/2018 3:44 PM	5.929	953907	272827.78	Diphenhydramine-D3	259.2 -> 167...	5.929	38041...
Doxylamine	271.2 -> 182...	6/12/2018 3:44 PM	5.602	295008	Infinity	271.2 -> 167...	5096...	103828...	Doxylamine-D5	276.2 -> 187...	5.580	828871	Doxylamine	271.2 -> 182...	6/12/2018 3:44 PM	5.602	295008	Infinity	Doxylamine-D5	276.2 -> 187...	5.580	828871
EDDP	279.2 -> 235...	6/12/2018 3:44 PM	5.986	665650	126641.24	279.2 -> 250...	3436...	93607.73	EDDP-D3	282.2 -> 235...	5.966	280721	EDDP	279.2 -> 235...	6/12/2018 3:44 PM	5.986	665650	126641.24	EDDP-D3	282.2 -> 235...	5.966	280721
Fentanyl	337.2 -> 105...	6/12/2018 3:44 PM	6.077	36669	231.33	337.2 -> 188...	19021	29.95	Fentanyl-D5	342.3 -> 105...	6.077	26532...	Fentanyl	337.2 -> 105...	6/12/2018 3:44 PM	6.077	36669	231.33	Fentanyl-D5	342.3 -> 105...	6.077	26532...
Fluoxetine	310.1 -> 44.3	6/12/2018 3:44 PM	6.164	923489	Infinity	310.1 -> 148...	20744	6264.13	Fluoxetine-D6	316.2 -> 44.3	6.162	40840...	Fluoxetine	310.1 -> 44.3	6/12/2018 3:44 PM	6.164	923489	Infinity	Fluoxetine-D6	316.2 -> 44.3	6.162	40840...
Hydrocodone	300.2 -> 198...	6/12/2018 3:44 PM	5.106	66898	8067.54	300.2 -> 128...	60118	Infinity	Hydrocodone-D6	306.2 -> 202...	5.085	486910	Hydrocodone	300.2 -> 198...	6/12/2018 3:44 PM	5.106	66898	8067.54	Hydrocodone-D6	306.2 -> 202...	5.085	486910
Hydromorphone	286.2 -> 184...	6/12/2018 3:44 PM	4.458	58195	Infinity	286.2 -> 157...	69374	Infinity	Hydromorphone-D6	292.2 -> 185...	4.437	276594	Hydromorphone	286.2 -> 184...	6/12/2018 3:44 PM	4.458	58195	Infinity	Hydromorphone-D6	292.2 -> 185...	4.437	276594
Ketamine	238.1 -> 125...	6/12/2018 3:44 PM	5.605	384850	49712.14	238.1 -> 220...	80410	504547...	Ketamine-D4	242.1 -> 129...	5.604	14858...	Ketamine	238.1 -> 125...	6/12/2018 3:44 PM	5.605	384850	49712.14	Ketamine-D4	242.1 -> 129...	5.604	14858...
Meprobamate	219.1 -> 158...	6/12/2018 3:44 PM	5.464	45623	Infinity	219.1 -> 97.1	14566	Infinity	Meprobamate-D7	226.2 -> 165...	5.464	22588	Meprobamate	219.1 -> 158...	6/12/2018 3:44 PM	5.464	45623	Infinity	Meprobamate-D7	226.2 -> 165...	5.464	22588
Methadone	310.2 -> 265...	6/12/2018 3:44 PM	6.285	75365	273.16	310.2 -> 105...	4204...	Infinity	Methadone-D9	319.3 -> 268...	6.263	26971...	Methadone	310.2 -> 265...	6/12/2018 3:44 PM	6.285	75365	273.16	Methadone-D9	319.3 -> 268...	6.263	26971...
Methamphetamine	150.1 -> 91.1	6/12/2018 3:44 PM	4.935	74357	Infinity	150.1 -> 119...	17486	Infinity	Methamphetamine-D11	161.2 -> 97.1	4.914	136295	Methamphetamine	150.1 -> 91.1	6/12/2018 3:44 PM	4.935	74357	Infinity	Methamphetamine-D11	161.2 -> 97.1	4.914	136295
Morphine	286.2 -> 201...	6/12/2018 3:44 PM	4.157	15018	41.80	286.2 -> 165...	10602	92.52	Morphine-D6	292.2 -> 152...	4.136	21811	Morphine	286.2 -> 201...	6/12/2018 3:44 PM	4.157	15018	41.80	Morphine-D6	292.2 -> 152...	4.136	21811
Naloxone	328.2 -> 309...	6/12/2018 3:44 PM	5.163	110103	13958.72	328.2 -> 211...	11299	2824.78	Naloxone-D5	333.2 -> 315...	5.101	148783	Naloxone	328.2 -> 309...	6/12/2018 3:44 PM	5.163	110103	13958.72	Naloxone-D5	333.2 -> 315...	5.101	148783
Naltrexol	344.2 -> 322...	6/12/2018 3:44 PM	4.917	318035	78640.66	344.2 -> 308...	72030	12143.61	Naltrexol-D3	347.2 -> 329...	4.917	401346	Naltrexol	344.2 -> 322...	6/12/2018 3:44 PM	4.917	318035	78640.66	Naltrexol-D3	347.2 -> 329...	4.917	401346
Naltrexone	342.2 -> 324...	6/12/2018 3:44 PM	4.979	142367	252.43	342.2 -> 55.3	81847	8201.18	Naltrexone-D3	345.2 -> 327...	4.958	692962	Naltrexone	342.2 -> 324...	6/12/2018 3:44 PM	4.979	142367	252.43	Naltrexone-D3	345.2 -> 327...	4.958	692962
Norbuprenorphine	414.3 -> 101...	6/12/2018 3:44 PM	5.790	6735	1194.72	414.3 -> 57.3	11816	1843.37	Norbuprenorphine-D3	417.3 -> 101...	5.770	22215	Norbuprenorphine	414.3 -> 101...	6/12/2018 3:44 PM	5.790	6735	1194.72	Norbuprenorphine-D3	417.3 -> 101...	5.770	22215
Nordiazepam	271.1 -> 140...	6/12/2018 3:44 PM	6.354	88860	586.15	271.1 -> 208...	20235	22.01	Nordiazepam-D5	276.1 -> 140...	6.333	207546	Nordiazepam	271.1 -> 140...	6/12/2018 3:44 PM	6.354	88860	586.15	Nordiazepam-D5	276.1 -> 140...	6.333	207546
Nortentanyl	233.2 -> 84.2	6/12/2018 3:44 PM	5.299	446001	88542.81	233.2 -> 55.3	1388...	421.96	Nortentanyl-D5	238.2 -> 84.2	5.278	19175...	Nortentanyl	233.2 -> 84.2	6/12/2018 3:44 PM	5.299	446001	88542.81	Nortentanyl-D5	238.2 -> 84.2	5.278	19175...
Norhydrocodone	286.2 -> 199...	6/12/2018 3:44 PM	4.924	16956	45.97	286.2 -> 171...	5649	20.07	Norhydrocodone-D3	289.2 -> 202...	4.924	164328	Norhydrocodone	286.2 -> 199...	6/12/2018 3:44 PM	4.924	16956	45.97	Norhydrocodone-D3	289.2 -> 202...	4.924	164328
Noroxycodone	302.1 -> 284...	6/12/2018 3:44 PM	4.861	14476	29.52	302.1 -> 186...	19727															

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Compound Method		p1 cal 1a			p1 cal 1a Results			Qualifier 1 M_			Qualifier 1 Results			ISTD Method			ISTD Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.					
Tramadol	264.2 -> 58.3	6/12/2018 3:44 PM	5.398	991025	Infinity	264.2 -> 43.3	13780	17.63	Infinity	Tramadol-13C-D3	268.2 -> 58.3	5.398	38025...						
Trazodone	372.2 -> 176...	6/12/2018 3:44 PM	6.563	831711	Infinity	372.2 -> 148...	8667...	Infinity	Infinity	Trazodone-D6	378.2 -> 182...	6.522	22520...						
Venlafaxine	278.2 -> 58.3	6/12/2018 3:44 PM	5.722	830558	77.90	278.2 -> 260...	53136	218.34	Infinity	Venlafaxine-D6	284.2 -> 64.3	5.721	18022...						
Zolpidem	308.2 -> 235...	6/12/2018 3:44 PM	6.145	788854	213.19	308.2 -> 263...	2718...	60239.31	Infinity	Zolpidem-D6	314.2 -> 235...	6.143	48315...						

Compound Method			p1 negative			p1 negative Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.						
6-MAM	328.2 -> 165...	6/12/2018 4:04 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.959	153520						
7-Aminoclonazepam	286.1 -> 121...	6/12/2018 4:04 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.415	323363						
Acetyl Fentanyl	323.2 -> 105...	6/12/2018 4:04 PM	5.856	545	3.11		323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.875	30838...						
Acetyl Norfentanyl	219.1 -> 84.2	6/12/2018 4:04 PM	4.853	243	96.75		219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.832	11335...						
a-hydroxylalprazolam	325.1 -> 297...	6/12/2018 4:04 PM	6.241	2263	1.06		325.1 -> 215...				a-hydroxylalprazolam-D5	330.1 -> 302...	6.179	360071						
alpha-PVP	232.2 -> 91.0	6/12/2018 4:04 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.523	14210...						
Alprazolam	309.1 -> 281...	6/12/2018 4:04 PM	6.103	20482	14.28		309.1 -> 205...	147	1.77		Alprazolam-D5	314.1 -> 286...	6.285	10383...						
Amphetamine	136.1 -> 91.1	6/12/2018 4:04 PM	4.835	37974	3.96		136.1 -> 119...	168...	1.88		Amphetamine-D11	147.2 -> 130...	4.753	16060						
Bupropion	240.1 -> 184...	6/12/2018 4:04 PM	5.869	1350	113.83		240.1 -> 131...	613...	2036...		Bupropion-D9	249.2 -> 185...	5.746	346208						
Carisoprodol	261.2 -> 176...	6/12/2018 4:04 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.928	179304						
Citalopram	325.2 -> 109...	6/12/2018 4:04 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.956	15080...						
Clonazepam	316.1 -> 269...	6/12/2018 4:04 PM	6.142	503	3.35		316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.121	70559						
Codeine	300.2 -> 215...	6/12/2018 4:04 PM	4.780	336	3.61		300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.860	109999						
Cyclobenzaprine	276.2 -> 214...	6/12/2018 4:04 PM	6.109	402	0.83		276.2 -> 231...	445	0.80		Cyclobenzaprine-D3	279.2 -> 215...	6.271	10666...						
Dextromethorphan	272.2 -> 171...	6/12/2018 4:04 PM	6.049	639	0.91		272.2 -> 147...	995	3.94		Dextromethorphan-D3	275.2 -> 171...	6.029	796649						
Dextrophan	258.2 -> 157...	6/12/2018 4:04 PM	5.420	377	2.27		258.2 -> 133...				Dextrophan-D3	261.2 -> 157...	5.358	615514						
Diazepam	285.1 -> 193...	6/12/2018 4:04 PM	6.512	176	553.77		285.1 -> 153...	216	1.64		Diazepam-D5	290.1 -> 198...	6.491	489600						
Dihydrocodeine	302.2 -> 198...	6/12/2018 4:04 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.758	175785						
Diphenhydramine	256.2 -> 167...	6/12/2018 4:04 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.949	38885...						
Doxylamine	271.2 -> 182...	6/12/2018 4:04 PM	5.500	293	456.36		271.2 -> 167...	189...	800.35		Doxylamine-D5	276.2 -> 187...	5.601	752678						
EDDP	279.2 -> 235...	6/12/2018 4:04 PM	5.986	1007	1.23		279.2 -> 250...	751	3.15		EDDP-D3	282.2 -> 235...	5.986	241226						
Fentanyl	337.2 -> 105...	6/12/2018 4:04 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.077	26135...						
Fluoxetine	310.1 -> 44.3	6/12/2018 4:04 PM	6.042	2823	3.45		310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.183	42427...						
Hydrocodone	300.2 -> 198...	6/12/2018 4:04 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	5.085	541378						
Hydromorphone	286.2 -> 184...	6/12/2018 4:04 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	4.437	259047						
Ketamine	238.1 -> 125...	6/12/2018 4:04 PM	5.666	4783	871.38		238.1 -> 220...	348...	1.30		Ketamine-D4	242.1 -> 129...	5.604	14945...						
Meproramate	219.1 -> 158...	6/12/2018 4:04 PM					219.1 -> 97.1				Meproramate-D7	226.2 -> 165...	5.464	21059						
Methadone	310.2 -> 265...	6/12/2018 4:04 PM	6.467	267	0.80		310.2 -> 105...	160...	1.47		Methadone-D9	319.3 -> 268...	6.284	26463...						
Methamphetamine	150.1 -> 91.1	6/12/2018 4:04 PM	4.955	21794	0.60		150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	4.914	205159						
Morphine	286.2 -> 201...	6/12/2018 4:04 PM	4.197	404	0.59		286.2 -> 165...	52	0.35		Morphine-D6	292.2 -> 152...	4.136	22535						
Naloxone	328.2 -> 309...	6/12/2018 4:04 PM	4.918	308	128.62		328.2 -> 211...				Naloxone-D5	333.2 -> 315...	5.101	153861						
Naltrexol	344.2 -> 326...	6/12/2018 4:04 PM	4.958	15814	3551.65		344.2 -> 308...				Naltrexol-D3	347.2 -> 329...	4.917	371540						
Naltrexone	342.2 -> 324...	6/12/2018 4:04 PM	4.816	178	6.33		342.2 -> 55.3				Naltrexone-D3	345.2 -> 327...	4.958	693328						
Norbuprenorphine	414.3 -> 101...	6/12/2018 4:04 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.790	26420						
Nordiazepam	271.1 -> 140...	6/12/2018 4:04 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.353	469048						
Norfentanyl	233.2 -> 84.2	6/12/2018 4:04 PM	5.279	360	2.46		233.2 -> 55.3	510...	459.98		Norfentanyl-D5	238.2 -> 84.2	5.298	19113...						
Norhydrocodone	286.2 -> 199...	6/12/2018 4:04 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.924	182636						
Noroxycodone	302.1 -> 284...	6/12/2018 4:04 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.861	205172						
O-desmethyl-tramadol	250.2 -> 58.3	6/12/2018 4:04 PM	4.890	11166	2.47		250.2 -> 42.3	222	1.34		O-desmethyl-tramadol...	256.2 -> 64.3	4.890	17361...						
Oxazepam	287.1 -> 240...	6/12/2018 4:04 PM	5.104	3636	1.08		287.1 -> 261...	180	1.41		Oxazepam-D5	292.1 -> 246...	6.187	657700						
Oxycodone	316.2 -> 298...	6/12/2018 4:04 PM					316.2 -> 227...				Oxycodone-D6	305.2 -> 287...	4.193	10428...						
Oxycodone	302.1 -> 284...	6/12/2018 4:04 PM					302.1 -> 227...				Oxycodone-D3	305.2 -> 287...	4.193	10428...						
Phentemine	150.1 -> 65.2	6/12/2018 4:04 PM	5.077	2146	0.88		150.1 -> 133...				Phentemine-D5	155.2 -> 96.2	5.097	468240						
Promethazine	285.1 -> 86.2	6/12/2018 4:04 PM	6.310	1675	19.12		285.1 -> 71.3	767	187.37		Promethazine-D3	288.2 -> 89.2	6.289	26804...						
Quetiapine	384.2 -> 253...	6/12/2018 4:04 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.358	767796						
Sertraline	306.1 -> 158...	6/12/2018 4:04 PM	6.551	381	19.68		306.1 -> 275...	169...	486.03		Sertraline-D3	309.1 -> 275...	6.488	11076...						
Sufentanil	387.2 -> 238...	6/12/2018 4:04 PM	6.440	812	10.44		387.2 -> 111...	143...	506.08		Sufentanil-D5	392.2 -> 238...	6.459	12064...						
Temazepam	301.1 -> 255...	6/12/2018 4:04 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.328	28792...						

Compound Method		p1 negative		p1 negative Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.		
Tramadol	264.2 -> 58.3	6/12/2018 4:04 PM	5.419	22417	Infinity		264.2 -> 43.3	258	4.13		Tramadol-13C-D3	268.2 -> 58.3	5.398	38641...		
Trazodone	372.2 -> 176...	6/12/2018 4:04 PM	6.563	3565	1.25		372.2 -> 148...	754...	Infinity		Trazodone-D6	378.2 -> 182...	6.522	25064...		
Venlafaxine	278.2 -> 58.3	6/12/2018 4:04 PM	5.885	618	0.93		278.2 -> 260...	561	4.41		Venlafaxine-D6	284.2 -> 64.3	5.721	17663...		
Zolpidem	308.2 -> 235...	6/12/2018 4:04 PM	6.368	1724	1.10		308.2 -> 263...	356	160.82		Zolpidem-D6	314.2 -> 235...	6.143	46923...		



Compound Method			p1 external control	p1 external control Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.				
6-MAM	328.2 -> 165...	6/12/2018 4:23 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.979	151636				
7-Aminoclonazepam	286.1 -> 121...	6/12/2018 4:23 PM				286.1 -> 222...					7-Aminoclonazepam-D4	290.1 -> 121...	5.435	248160				
Acetyl Fentanyl	323.2 -> 105...	6/12/2018 4:23 PM	5.897	213	1.12	323.2 -> 188...					Acetyl Fentanyl-D5	328.2 -> 105...	5.895	31682...				
Acetyl Norfentanyl	219.1 -> 84.2	6/12/2018 4:23 PM				219.1 -> 56.3					Acetyl Norfentanyl-D5	224.2 -> 84.2	4.853	12852...				
a-hydroxyvalproazolam	325.2 -> 297...	6/12/2018 4:23 PM	6.281	645	0.86	325.1 -> 215...					a-hydroxyvalproazolam-D5	330.1 -> 302...	6.199	179770				
alpha-PVP	232.2 -> 91.0	6/12/2018 4:23 PM				232.2 -> 77.1					alpha-PVP-d8	240.2 -> 91.1	5.543	14383...				
Alprazolam	309.1 -> 281...	6/12/2018 4:23 PM	6.124	9728	3.03	309.1 -> 205...	183	0.77			Alprazolam-D5	314.1 -> 286...	6.285	10909...				
Amphetamine	136.1 -> 91.1	6/12/2018 4:23 PM	4.835	11327	1.64	136.1 -> 119...	1383	1.36			Amphetamine-D11	147.2 -> 130...	4.753	13825				
Bupropion	240.1 -> 184...	6/12/2018 4:23 PM	5.849	291	4.98	240.1 -> 131...	3656	4.78			Bupropion-D9	249.2 -> 185...	5.746	367595				
Carsiprodol	261.2 -> 176...	6/12/2018 4:23 PM				261.2 -> 55.3					Carsiprodol-D7	268.2 -> 183...	5.949	186132				
Citalopram	325.2 -> 109...	6/12/2018 4:23 PM	6.078	1503	0.69	325.2 -> 262...					Citalopram-D6	331.2 -> 109...	5.976	16072...				
Clonazepam	316.1 -> 269...	6/12/2018 4:23 PM	6.061	157	0.56	316.1 -> 213...					Clonazepam-D4	320.1 -> 217...	6.142	62346				
Codeine	300.2 -> 215...	6/12/2018 4:23 PM	4.984	95	23.52	300.2 -> 165...					Codeine-D6	306.2 -> 218...	4.881	97055				
Cyclobenzaprine	276.2 -> 214...	6/12/2018 4:23 PM	6.069	329	0.49	276.2 -> 231...	276	2.11			Cyclobenzaprine-D3	279.2 -> 215...	6.271	12320...				
Dextromethorphan	272.2 -> 171...	6/12/2018 4:23 PM				272.2 -> 147...					Dextromethorphan-D3	275.2 -> 171...	6.049	895684				
Dextrophan	258.2 -> 157...	6/12/2018 4:23 PM	5.542	220	7.27	258.2 -> 133...	319	3.35			Dextrophan-D3	261.2 -> 157...	5.378	638133				
Diazepam	285.1 -> 193...	6/12/2018 4:23 PM	6.512	12618...	Infinity	285.1 -> 153...	20527...	Infinity			Diazepam-D5	290.1 -> 198...	6.517	485726				
Dihydrocodeine	302.2 -> 198...	6/12/2018 4:23 PM	4.942	794	3.69	302.2 -> 128...					Dihydrocodeine-D6	308.2 -> 202...	4.758	208643				
Diphenhydramine	256.2 -> 167...	6/12/2018 4:23 PM				256.2 -> 152...					Diphenhydramine-D6	259.2 -> 167...	5.949	40459...				
Doxylamine	271.2 -> 182...	6/12/2018 4:23 PM	5.418	902	271.45	271.2 -> 167...					Doxylamine-D5	276.2 -> 187...	5.621	824077				
EDDP	279.2 -> 235...	6/12/2018 4:23 PM	5.986	306	0.57	279.2 -> 250...					EDDP-D3	282.2 -> 235...	6.006	289936				
Fentanyl	337.2 -> 105...	6/12/2018 4:23 PM	6.057	335	1.82	337.2 -> 188...					Fentanyl-D5	342.3 -> 105...	6.097	26515...				
Fluoxetine	310.1 -> 44.3	6/12/2018 4:23 PM	6.204	1812	1.04	310.1 -> 148...	43	0.52			Fluoxetine-D6	316.2 -> 44.3	6.183	44581...				
Hydrocodone	300.2 -> 198...	6/12/2018 4:23 PM	5.147	569	15.44	300.2 -> 128...	541	231.42			Hydrocodone-D6	306.2 -> 202...	5.085	561314				
Hydromorphone	286.2 -> 184...	6/12/2018 4:23 PM	4.458	303	1.66	286.2 -> 157...	181	3.72			Hydromorphone-D6	292.2 -> 185...	4.437	290198				
Ketamine	238.1 -> 125...	6/12/2018 4:23 PM	5.646	2068	105.52	238.1 -> 220...	1094	0.78			Ketamine-D4	242.1 -> 129...	5.625	14432...				
Meperbamate	219.1 -> 158...	6/12/2018 4:23 PM				219.1 -> 97.1					Meperbamate-D7	226.2 -> 165...	5.464	21877				
Methadone	310.2 -> 265...	6/12/2018 4:23 PM	6.244	1218	4.66	310.2 -> 105...					Methadone-D9	319.3 -> 268...	6.284	289256				
Methamphetamine	150.1 -> 91.1	6/12/2018 4:23 PM	4.996	14367	0.93	150.1 -> 119...					Methamphetamine-D11	161.2 -> 97.1	4.935	264075				
Morphine	286.2 -> 201...	6/12/2018 4:23 PM	4.238	21	0.06	286.2 -> 165...	8	0.12			Morphine-D6	292.2 -> 152...	4.116	30033				
Naloxone	328.2 -> 309...	6/12/2018 4:23 PM	5.265	409	13.23	328.2 -> 211...					Naloxone-D5	333.2 -> 315...	5.101	147410				
Naltrexol	344.2 -> 326...	6/12/2018 4:23 PM	4.998	13742	19.02	344.2 -> 308...					Naltrexol-D3	347.2 -> 329...	4.917	401227				
Naltrexone	342.2 -> 324...	6/12/2018 4:23 PM	4.958	102	1.34	342.2 -> 55.3					Naltrexone-D3	345.2 -> 327...	4.978	635673				
Norbuprenorphine	414.3 -> 101...	6/12/2018 4:23 PM				414.3 -> 57.3					Norbuprenorphine-D3	417.3 -> 101...	5.810	25367				
Nordiazepam	271.1 -> 140...	6/12/2018 4:23 PM	6.354	602	2.75	271.1 -> 208...	2693	531.01			Nordiazepam-D5	276.1 -> 140...	6.353	230281				
Norfentanyl	233.2 -> 84.2	6/12/2018 4:23 PM	5.320	14	0.12	233.2 -> 55.3	2269	5.64			Norfentanyl-D5	238.2 -> 84.2	5.298	20657...				
Norhydrocodone	286.2 -> 199...	6/12/2018 4:23 PM	4.924	77	40.63	286.2 -> 171...					Norhydrocodone-D3	289.2 -> 202...	4.924	155218				
Noroxycodone	302.1 -> 284...	6/12/2018 4:23 PM	4.861	292	78.49	302.1 -> 186...					Noroxycodone-D3	305.2 -> 287...	4.861	201405				
O-desmethyl-tramadol	250.2 -> 58.3	6/12/2018 4:23 PM	4.991	12071	0.73	250.2 -> 42.3	107	0.52			O-desmethyl-tramadol...	256.2 -> 64.3	4.890	18508...				
Oxazepam	287.1 -> 240...	6/12/2018 4:23 PM	6.147	87	0.84	287.1 -> 268...	1328	0.42			Oxazepam-D5	292.1 -> 246...	6.187	229781				
Oxycodone	316.2 -> 298...	6/12/2018 4:23 PM	4.961	23747...	Infinity	316.2 -> 241...	508439	Infinity			Oxycodone-D6	322.2 -> 304...	4.920	480858				
Oxycodone	302.1 -> 284...	6/12/2018 4:23 PM				302.1 -> 227...	43	0.59			Oxycodone-D6	305.2 -> 287...	4.173	10593...				
Phentermine	150.1 -> 65.2	6/12/2018 4:23 PM	4.194	961	0.98	150.1 -> 133...					Phentermine-D3	155.2 -> 96.2	5.097	517292				
Promethazine	285.1 -> 86.2	6/12/2018 4:23 PM	6.330	608	233.44	285.1 -> 71.3	189	166.27			Promethazine-D3	288.2 -> 89.2	6.309	31597...				
Quetiapine	384.2 -> 253...	6/12/2018 4:23 PM	6.420	3313	283.13	384.2 -> 221...	626	3.31			Quetiapine-D8	392.2 -> 226...	6.378	841394				
Sertraline	306.1 -> 158...	6/12/2018 4:23 PM	6.348	277	0.61	306.1 -> 275...	1927	5.57			Sertraline-D3	309.1 -> 275...	6.488	11506...				
Sufentanil	387.2 -> 238...	6/12/2018 4:23 PM	6.460	1029	168.39	387.2 -> 111...	1958	6.63			Sufentanil-D5	392.2 -> 238...	6.459	13281...				
Temazepam	301.1 -> 255...	6/12/2018 4:23 PM	6.227	2414	1.15	301.1 -> 283...					Temazepam-D5	306.1 -> 260...	6.328	16002...				

Compound Method		p1 external control		p1 external control Results			Qualifier 1 M...		Qualifier 1 Results			ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	
Tramadol	264.2 -> 58.3	6/12/2018 4:23 PM	5.398	18891	5.32	<input checked="" type="checkbox"/>	264.2 -> 43.3	564	1.11	<input checked="" type="checkbox"/>	Tramadol-13C-D3	268.2 -> 58.3	5.398	42626...	
Trazodone	372.2 -> 176...	6/12/2018 4:23 PM	6.603	3467	6.94	<input type="checkbox"/>	372.2 -> 148...	4782	3546...	<input type="checkbox"/>	Trazodone-D6	378.2 -> 182.	6.542	23982...	
Venlafaxine	278.2 -> 58.3	6/12/2018 4:23 PM	5.702	427	81.12	<input checked="" type="checkbox"/>	278.2 -> 260...			<input type="checkbox"/>	Venlafaxine-D6	284.2 -> 64.3	5.741	19313...	
Zolpidem	308.2 -> 235...	6/12/2018 4:23 PM	6.388	3316	2.65	<input type="checkbox"/>	308.2 -> 263...	652	90.95	<input type="checkbox"/>	Zolpidem-D6	314.2 -> 235...	6.163	49982...	

Compound Method			p2 cal 1b			p2 cal 1b Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.						
7-aminoflunitrazepam	284.1 -> 135...	6/12/2018 3:54 P...	5.568	127737	1640.43	1	284.1 -> 93.2	11522	95.93	1	7-aminoflunitrazepam-D7	291.2 -> 138...	5.567	895234						
alpha-hydroxymidazol...	342.1 -> 324...	6/12/2018 3:54 P...	6.250	215263	51153.14	1	342.1 -> 203...	84654	206.23	1	alpha-hydroxymidazol...	346.1 -> 328...	6.250	910165						
Amitriptyline	278.2 -> 91.2	6/12/2018 3:54 P...	6.363	649072	Infinity	1	278.2 -> 105...	214146	82.50	1	Amitriptyline-D3	281.2 -> 91.2	6.341	15302...						
Amoxapine	314.1 -> 271...	6/12/2018 3:54 P...	6.336	146505	87.28	1	314.1 -> 193...	88626	47.38	1	Amitriptyline-D3	281.2 -> 91.2	6.341	15302...						
Benzoylgonine	290.1 -> 168...	6/12/2018 3:54 P...	5.219	59086	22809.83	1	290.1 -> 105...	18340	659.92	1	Benzoylgonine-D8	298.2 -> 171...	5.198	16075						
Carbamazepine	237.1 -> 193...	6/12/2018 3:54 P...	5.941	97175	363.14	1	237.1 -> 194...	580992	192.78	1	Carbamazepine-13C6	243.1 -> 200...	5.941	33266...						
Chlordiazepoxide	300.1 -> 227...	6/12/2018 3:54 P...	6.379	53437	102649...	1	300.1 -> 282...	68310	18883...	1	Chlordiazepoxide-D5	305.1 -> 286...	6.378	13797...						
Clomipramine	315.2 -> 86.2	6/12/2018 3:54 P...	6.618	889321	396.48	1	315.2 -> 58.3	592046	242.30	1	Clomipramine-D3	318.2 -> 89.2	6.618	28586...						
Cocaine	304.2 -> 182...	6/12/2018 3:54 P...	5.543	395306	381.43	1	304.2 -> 105...	53348	158.13	1	Cocaine-D3	307.2 -> 185...	5.543	14000...						
Desipramine	267.2 -> 72.3	6/12/2018 3:54 P...	6.263	857969	190.65	1	267.2 -> 44.3	376722	276.43	1	Desipramine-D3	270.2 -> 75.3	6.263	22434...						
Doxepin	280.2 -> 107...	6/12/2018 3:54 P...	6.079	171340	19129.78	1	280.2 -> 77.2	109349	26.26	1	Doxepin-D3	283.2 -> 107...	6.057	498315						
Estazolam	295.1 -> 267...	6/12/2018 3:54 P...	6.198	215638	596.03	1	295.1 -> 205...	126820	327.13	1	Estazolam-D5	300.1 -> 272...	6.176	14593...						
Flunitrazepam	314.1 -> 268...	6/12/2018 3:54 P...	6.235	288136	114.62	1	314.1 -> 239...	57537	293.67	1	Flunitrazepam-D7	321.1 -> 245...	6.213	95203						
Flurazepam	388.2 -> 315...	6/12/2018 3:54 P...	6.147	459507	158093...	1	388.2 -> 317...	71627	138.55	1	Zopiclone-D4	393.1 -> 244...	6.106	202603						
Imipramine	281.2 -> 86.2	6/12/2018 3:54 P...	6.321	895609	2143.95	1	281.2 -> 58.3	579121	177.33	1	Imipramine-D3	284.2 -> 61.3	6.300	37794...						
Levamisole	205.1 -> 91.2	6/12/2018 3:54 P...	5.007	126253	106.58	1	205.1 -> 178...	143531	182.09	1	Cocaine-D3	307.2 -> 185...	5.543	14000...						
Maprotiline	278.2 -> 91.2	6/12/2018 3:54 P...	5.977	365581	Infinity	1	278.2 -> 117...	2073	630.59	1	Meperidine-D4	252.2 -> 224...	5.573	254116						
MDA	180.1 -> 163...	6/12/2018 3:54 P...	4.948	78454	101.58	1	180.1 -> 105...	35102	48.31	1	MDA-D5	185.1 -> 168...	4.928	166288						
MDEA	208.1 -> 163...	6/12/2018 3:54 P...	5.210	418556	90.93	1	208.1 -> 105...	160236	359.77	1	MDEA-D6	214.2 -> 166...	5.209	13465...						
MDMA	194.1 -> 163...	6/12/2018 3:54 P...	5.049	223306	126.08	1	194.1 -> 105...	99453	428.46	1	MDMA-D6	200.2 -> 166...	5.048	57470						
Meperidine	248.2 -> 220...	6/12/2018 3:54 P...	5.573	147518	493.86	1	248.2 -> 174...	126535	446.22	1	Meperidine-D4	252.2 -> 224...	5.573	254116						
Methylphenidate	234.2 -> 84.2	6/12/2018 3:54 P...	5.493	811606	102.27	1	234.2 -> 56.3	150370	352.81	1	Meperidine-D4	252.2 -> 224...	5.573	254116						
Metoprolol	268.2 -> 116...	6/12/2018 3:54 P...	5.386	65619	991.86	1	268.2 -> 56.3	76375	159.76	1	Meperidine-D4	252.2 -> 224...	5.573	254116						
Midazolam	326.1 -> 223...	6/12/2018 3:54 P...	6.414	64819	153.71	1	326.1 -> 249...	55574	167.26	1	Midazolam-D4	330.1 -> 295...	6.413	11032...						
Mirtazapine	266.2 -> 195...	6/12/2018 3:54 P...	6.039	454614	Infinity	1	266.2 -> 72.3	401643	582.03	1	Midazolam-D4	330.1 -> 295...	6.413	11032...						
Mitragynine	399.2 -> 174...	6/12/2018 3:54 P...	6.146	207897	369.60	1	399.2 -> 238...	53078	9418.30	1	Carbamazepine-13C6	243.1 -> 200...	5.941	33266...						
Norpropoxyphene	234.1 -> 42.3	6/12/2018 3:54 P...	5.534	171073	85.74	1	234.1 -> 160...	66340	638.91	1	Norpropoxyphene-D4	238.2 -> 164...	5.533	12337...						
Norpropoxyphene	326.2 -> 44.3	6/12/2018 3:54 P...	6.130	55917	22593.60	1	326.2 -> 252...	14838	51.14	1	Norpropoxyphene-D5	331.2 -> 44.3	6.130	237233						
Nortriptyline	264.2 -> 91.2	6/12/2018 3:54 P...	6.304	258188	Infinity	1	264.2 -> 233...	10519...	109.58	1	Nortriptyline-D3	267.2 -> 233...	6.303	10586...						
Ondansetron	294.2 -> 184...	6/12/2018 3:54 P...	5.790	276459	367.72	1	294.2 -> 212...	50872	133.66	1	Pentazocine-13C3	289.2 -> 72.3	5.608	19118...						
Pentazocine	286.2 -> 218...	6/12/2018 3:54 P...	5.608	281394	100138...	1	286.2 -> 41.3	155257	75.03	1	Pentazocine-13C3	289.2 -> 72.3	5.608	19118...						
Phenazepam	349.0 -> 206...	6/12/2018 3:54 P...	6.290	48526	11980.27	1	349.0 -> 183...	60300	142.30	1	Phenazepam-D4	353.0 -> 183...	6.289	22979						
Phencyclidine	244.2 -> 86.2	6/12/2018 3:54 P...	5.838	200024	2779.73	1	244.2 -> 91.1	233346	43426...	1	Phencyclidine-D5	249.2 -> 86.2	5.837	14596...						
Phenylethanolamine	253.1 -> 104...	6/12/2018 3:54 P...	5.836	7439	16.87	1	253.1 -> 182...	6127	204.07	1	Phenylethanolamine-D10	263.2 -> 192...	5.836	39403						
Prazepam	325.1 -> 271...	6/12/2018 3:54 P...	6.780	765609	564.31	1	325.1 -> 140...	227841	1239.76	1	Prazepam-D5	330.1 -> 276...	6.757	35086...						
Primidone	219.1 -> 91.2	6/12/2018 3:54 P...	5.270	23102	6538.22	1	219.1 -> 162...	20369	35.17	1	Prazepam-D5	330.1 -> 276...	6.757	35086...						
Propoxyphene	340.2 -> 58.3	6/12/2018 3:54 P...	6.170	739934	232.43	1	340.2 -> 266...	106983	4682.17	1	Propoxyphene-D11	351.3 -> 277...	6.168	353635						
Pseudoephedrine	166.1 -> 148...	6/12/2018 3:54 P...	4.586	31030...	55.55	1	166.1 -> 133...	657468	73.41	1	Pseudoephedrine-D3	169.1 -> 151...	4.585	798874						
Tapentadol	222.2 -> 107...	6/12/2018 3:54 P...	5.392	330636	496.35	1	222.2 -> 121...	183739	454.04	1	Tapentadol-D3	225.2 -> 107...	5.372	14488...						
Trimipramine	295.2 -> 100...	6/12/2018 3:54 P...	6.400	958300	Infinity	1	295.2 -> 58.3	662742	1575...	1	Trimipramine-D3	298.2 -> 103...	6.400	48970...						
Verapamil	455.3 -> 165...	6/12/2018 3:54 P...	6.166	817998	194139...	1	455.3 -> 150...	244031	71657...	1	Trimipramine-D3	298.2 -> 103...	6.400	48970...						
Zaleplon	306.1 -> 236...	6/12/2018 3:54 P...	6.032	238769	196.03	1	306.1 -> 264...	292059	3916.35	1	Zaleplon-D4	310.2 -> 240...	6.031	557765						
Zopiclone	389.1 -> 244...	6/12/2018 3:54 P...	6.106	22586	113.75	1	389.1 -> 216...	9219	26.91	1	Zopiclone-D4	393.1 -> 244...	6.106	202603						

Compound Method			p2 negative		p2 negative Results				Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.						
7-aminoflunitrazepam	284.1 -> 135...	6/12/2018 4:13 PM	5.444	262	233.71	284.1 -> 93.2	322	2.25	7-aminoflunitrazepam-D7	291.2 -> 138...	5.567	14416...								
alpha-hydroxymidazolam	342.1 -> 324...	6/12/2018 4:13 PM	6.169	296	0.92	342.1 -> 203...	322	2.25	alpha-hydroxymidazolam--	346.1 -> 328...	6.250	12667...								
Amitriptyline	278.2 -> 91.2	6/12/2018 4:13 PM	6.181	2586	0.70	278.2 -> 105...	18109	53.38	Amitriptyline-D3	281.2 -> 91.2	6.361	14903...								
Amoxapine	314.1 -> 271...	6/12/2018 4:13 PM	6.275	2682	8.20	314.1 -> 193...	18109	53.38	Amitriptyline-D3	281.2 -> 91.2	6.361	14903...								
Carbamazepine	290.1 -> 168...	6/12/2018 4:13 PM	6.307	2713	11.87	290.1 -> 105...	2935	386.19	Carbamazepine-D8	298.2 -> 171...	5.218	16556...								
Chlordiazepoxide	300.1 -> 227...	6/12/2018 4:13 PM	6.176	2041	6.16	300.1 -> 282...	560	7.17	Chlordiazepoxide-D5	243.1 -> 200...	5.961	349937...								
Clomipramine	315.2 -> 86.2	6/12/2018 4:13 PM	6.720	334	0.67	315.2 -> 58.3	739	0.87	Clomipramine-D3	318.2 -> 89.2	6.618	28009...								
Cocaine	304.2 -> 182...	6/12/2018 4:13 PM	5.605	598	1.03	304.2 -> 105...	248	0.83	Cocaine-D3	307.2 -> 185...	5.543	13510...								
Desipramine	267.2 -> 72.3	6/12/2018 4:13 PM	6.303	8631	19.05	267.2 -> 44.3	12817	3.18	Desipramine-D3	270.2 -> 75.3	6.263	22916...								
Doxepin	280.2 -> 107...	6/12/2018 4:13 PM	6.017	78	0.46	280.2 -> 77.2			Doxepin-D3	283.2 -> 107...	6.078	528450								
Estazolam	295.1 -> 267...	6/12/2018 4:13 PM	6.198	175	4.89	295.1 -> 205...	33	0.97	Estazolam-D5	300.1 -> 272...	6.197	20767...								
Flunitrazepam	314.1 -> 268...	6/12/2018 4:13 PM	6.255	3616	4.43	314.1 -> 239...			Flunitrazepam-D7	321.1 -> 245...	6.213	120562								
Flurazepam	388.2 -> 315...	6/12/2018 4:13 PM	6.005	1000	3.57	388.2 -> 317...	4599	835.08	Zopiclone-D4	393.1 -> 244...	6.106	251392								
Imipramine	281.2 -> 86.2	6/12/2018 4:13 PM	6.361	7372	14.88	281.2 -> 58.3	68	0.38	Imipramine-D3	284.2 -> 61.3	6.320	37206...								
Levamisole	205.1 -> 91.2	6/12/2018 4:13 PM	5.109	300	0.27	205.1 -> 178...			Cocaine-D3	307.2 -> 185...	5.543	13510...								
Maprotiline	278.2 -> 91.2	6/12/2018 4:13 PM	4.847	370	1.65	278.2 -> 117...	68	0.75	Meperidine-D4	252.2 -> 224...	5.573	237093								
MDEA	180.1 -> 163...	6/12/2018 4:13 PM	5.393	1109	0.85	180.1 -> 105...	730	2.51	MDEA-D6	214.2 -> 166...	5.209	13212...								
MDMA	194.1 -> 163...	6/12/2018 4:13 PM	5.374	309	1.71	194.1 -> 105...	267	0.56	MDMA-D6	200.2 -> 166...	5.048	53268...								
Meperidine	248.2 -> 220...	6/12/2018 4:13 PM	5.450	547	49.88	248.2 -> 174...	842	179.42	Meperidine-D4	252.2 -> 224...	5.573	237093								
Methylphenidate	234.2 -> 84.2	6/12/2018 4:13 PM	5.371	347	1.75	234.2 -> 56.3	2221	8.71	Meperidine-D4	252.2 -> 224...	5.573	237093								
Metoprolol	268.2 -> 116...	6/12/2018 4:13 PM	5.406	144	1.08	268.2 -> 56.3	147	2.08	Midazolam-D4	330.1 -> 295...	6.413	11948...								
Midazolam	326.1 -> 223...	6/12/2018 4:13 PM	6.820	109	0.75	326.1 -> 249...	102	0.40	Midazolam-D4	330.1 -> 295...	6.413	11948...								
Mirtazapine	266.2 -> 195...	6/12/2018 4:13 PM	5.958	290	128.30	266.2 -> 72.3			Carbamazepine-13C6	243.1 -> 200...	5.961	34937...								
Mitragynine	399.2 -> 174...	6/12/2018 4:13 PM				399.2 -> 238...			Normeperidine-D4	238.2 -> 164...	5.554	12870...								
Normeperidine	234.1 -> 42.3	6/12/2018 4:13 PM	5.473	115	0.59	234.1 -> 160...	581	1.24	Normeperidine-D4	331.2 -> 44.3	6.130	256478								
Norpropoxyphene	326.2 -> 44.3	6/12/2018 4:13 PM	6.211	330	3.25	326.2 -> 252...	918	2.47	Nortriptyline-D3	289.2 -> 233...	6.303	10723...								
Nortriptyline	264.2 -> 91.2	6/12/2018 4:13 PM	6.365	1977	0.66	264.2 -> 233...			Pentazocine-13C3	289.2 -> 72.3	5.628	18509...								
Ondansetron	294.2 -> 184...	6/12/2018 4:13 PM				294.2 -> 212...			Pentazocine-13C3	289.2 -> 72.3	5.628	18509...								
Pentazocine	286.2 -> 218...	6/12/2018 4:13 PM				286.2 -> 41.3			Phenazepam-D4	353.0 -> 183...	6.289	36682								
Phenazepam	349.0 -> 206...	6/12/2018 4:13 PM	6.290	978	4.61	349.0 -> 183...	1599	0.76	Phenazepam-D4	249.2 -> 86.2	5.858	13512...								
Phencyclidine	244.2 -> 86.2	6/12/2018 4:13 PM	5.858	382	5.80	244.2 -> 91.1	601	2.10	Phencyclidine-D5	263.2 -> 192...	5.856	48475								
Phenytol	253.1 -> 104...	6/12/2018 4:13 PM	5.836	115	3.41	253.1 -> 182...	121	1.26	Prazeepam-D5	330.1 -> 276...	6.757	41600...								
Prazeepam	325.1 -> 271...	6/12/2018 4:13 PM	6.862	559	0.74	325.1 -> 140...			Prazeepam-D5	330.1 -> 276...	6.757	41600...								
Primidone	219.1 -> 91.2	6/12/2018 4:13 PM				219.1 -> 162...			Propoxyphene-D11	351.3 -> 277...	6.168	360345								
Propoxyphene	340.2 -> 58.3	6/12/2018 4:13 PM	6.170	1376	304.74	340.2 -> 266...	529	0.88	Pseudoephedrine-D3	169.1 -> 151...	4.585	887573								
Pseudoephedrine	166.1 -> 148...	6/12/2018 4:13 PM	4.565	254	0.40	166.1 -> 133...	215	0.92	Propoxyphene-D3	225.2 -> 107...	5.392	14188...								
Tapentadol	222.2 -> 107...	6/12/2018 4:13 PM	5.596	312	1.79	222.2 -> 121...			Trimipramine-D3	298.2 -> 103...	6.420	49389...								
Trimipramine	295.2 -> 100...	6/12/2018 4:13 PM	6.380	2782	3.31	295.2 -> 58.3			Trimipramine-D3	298.2 -> 103...	6.420	49389...								
Verapamil	455.3 -> 165...	6/12/2018 4:13 PM	6.186	158	68.88	455.3 -> 150...	1716	16.03	Zaleplon-D4	310.2 -> 240...	6.052	627086								
Zaleplon	306.1 -> 236...	6/12/2018 4:13 PM	6.317	1300	2.33	306.1 -> 264...			Zopiclone-D4	393.1 -> 244...	6.106	251392								
Zopiclone	389.1 -> 244...	6/12/2018 4:13 PM				389.1 -> 216...														

Compound Method				p2 external control				p2 external control Results				Qualifier 1 M...				Qualifier 1 Results				ISTD Method			
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	Name	Transition	RT	Resp.					
7-aminoflunitrazepam	284.1 -> 135...	6/12/2018 4:33 P...	5.731	5729	21.49	284.1 -> 93.2	379	114.90	7-aminoflunitrazepam-D7	291.2 -> 138...	5.567	973441											
alpha-hydroxymidazolam	342.1 -> 324...	6/12/2018 4:33 P...	6.250	444	0.76	342.1 -> 203...	148	70.90	alpha-hydroxymidazolam-...	346.1 -> 328...	6.250	916080											
Amitriptyline	278.2 -> 91.2	6/12/2018 4:33 P...				278.2 -> 105...			Amitriptyline-D3	281.2 -> 91.2	6.361	14752...											
Amoxapine	314.1 -> 271...	6/12/2018 4:33 P...	6.255	2237	47.37	314.1 -> 193...	12585	2920...	Amitriptyline-D3	281.2 -> 91.2	6.361	14752...											
Benzamizogonine	237.1 -> 168...	6/12/2018 4:33 P...	5.239	836	244.97	237.1 -> 105...	648	213.42	Benzamizogonine-D8	288.2 -> 171...	5.198	17616											
Carbamazepine	237.1 -> 193...	6/12/2018 4:33 P...	6.064	1114	34.38	237.1 -> 194...	2045	0.53	Carbamazepine-13C6	243.1 -> 200...	5.961	36110...											
Chlordiazepoxide	300.1 -> 227...	6/12/2018 4:33 P...	6.217	1917	4.64	300.1 -> 282...			Chlordiazepoxide-D5	305.1 -> 286...	6.378	12538...											
Clomipramine	315.2 -> 86.2	6/12/2018 4:33 P...	6.639	415	1.03	315.2 -> 58.3			Clomipramine-D3	318.2 -> 89.2	6.638	26828...											
Cocaine	304.2 -> 182...	6/12/2018 4:33 P...	5.564	970	1.42	304.2 -> 105...			Cocaine-D3	307.2 -> 185...	5.543	13265...											
Desipramine	267.2 -> 72.3	6/12/2018 4:33 P...	6.303	8526	1231.46	267.2 -> 44.3	13550	33.94	Desipramine-D3	270.2 -> 75.3	6.263	23575...											
Doxepin	280.2 -> 107...	6/12/2018 4:33 P...	6.261	471	123.65	280.2 -> 77.2	10248	1.15	Doxepin-D3	283.2 -> 107...	6.078	527281											
Estazolam	295.1 -> 267...	6/12/2018 4:33 P...	6.239	111	0.39	295.1 -> 205...			Estazolam-D5	300.1 -> 272...	6.197	16911...											
Flunitrazepam	314.1 -> 268...	6/12/2018 4:33 P...	6.255	4441	3.51	314.1 -> 239...	262	1.35	Flunitrazepam-D7	321.1 -> 245...	6.234	108353											
Flurazepam	388.2 -> 315...	6/12/2018 4:33 P...	6.127	379	2.20	388.2 -> 317...			Zopiclone-D4	393.1 -> 244...	6.126	208038											
Imipramine	281.2 -> 86.2	6/12/2018 4:33 P...	6.382	6469	18.98	281.2 -> 58.3	3614	2.01	Imipramine-D3	284.2 -> 61.3	6.320	38124...											
Levamisole	205.1 -> 91.2	6/12/2018 4:33 P...	4.987	767	1.52	205.1 -> 178...	395	1.61	Cocaine-D3	307.2 -> 185...	5.543	13265...											
Meprobital	278.2 -> 91.2	6/12/2018 4:33 P...	6.079	1132	4.60	278.2 -> 117...			Meprobital-D4	252.2 -> 224...	5.573	261326											
MDA	180.1 -> 163...	6/12/2018 4:33 P...	4.827	152	1.73	180.1 -> 105...	28	0.26	MDA-D5	185.1 -> 168...	4.948	181076											
MDEA	208.1 -> 163...	6/12/2018 4:33 P...	5.454	442	1.46	208.1 -> 105...	1297	360.80	MDEA-D6	214.2 -> 166...	5.209	13981...											
MDMA	194.1 -> 163...	6/12/2018 4:33 P...	4.846	53	1.69	194.1 -> 105...	29	0.35	MDMA-D6	200.2 -> 166...	5.048	58186											
Meperidine	248.2 -> 220...	6/12/2018 4:33 P...	5.594	18125...	198.89	248.2 -> 174...	16692...	256.28	Meperidine-D4	252.2 -> 224...	5.573	261326											
Methylphenidate	234.2 -> 84.2	6/12/2018 4:33 P...	5.330	300	0.97	234.2 -> 56.3	684	1.72	Meperidine-D4	252.2 -> 224...	5.573	261326											
Metoprolol	268.2 -> 116...	6/12/2018 4:33 P...	5.406	927911	5129.52	268.2 -> 56.3	10696...	1823...	Meperidine-D4	252.2 -> 224...	5.573	261326											
Midazolam	326.1 -> 223...	6/12/2018 4:33 P...				326.1 -> 249...			Midazolam-D4	330.1 -> 295...	6.413	11503...											
Mirtazapine	266.2 -> 195...	6/12/2018 4:33 P...	5.612	451	2.08	266.2 -> 72.3	806	0.62	Midazolam-D4	330.1 -> 295...	6.413	11503...											
Mitragynine	399.2 -> 174...	6/12/2018 4:33 P...	6.651	21	0.37	399.2 -> 238...			Carbamazepine-13C6	243.1 -> 200...	5.961	36110...											
Normeperidine	234.1 -> 42.3	6/12/2018 4:33 P...	5.534	2184	3.21	234.1 -> 160...	1099	3.20	Normeperidine-D4	238.2 -> 164...	5.554	14030...											
Norpropoxyphene	326.2 -> 44.3	6/12/2018 4:33 P...				326.2 -> 252...			Norpropoxyphene-D5	331.2 -> 44.3...	6.130	250845											
Nortriptyline	264.2 -> 91.2	6/12/2018 4:33 P...	6.324	2170	1.57	264.2 -> 233...	620	2.12	Nortriptyline-D3	267.2 -> 233...	6.303	10590...											
Ondansetron	294.2 -> 184...	6/12/2018 4:33 P...	5.729	101	0.79	294.2 -> 212...			Pentazocine-13C3	289.2 -> 72.3	5.628	20112...											
Pentazocine	286.2 -> 218...	6/12/2018 4:33 P...	5.954	257	4.55	286.2 -> 41.3	253	0.82	Pentazocine-13C3	289.2 -> 72.3	5.628	20112...											
Phenazepam	349.0 -> 206...	6/12/2018 4:33 P...	6.250	1203	13.30	349.0 -> 183...	34	3.75	Phenazepam-D4	353.0 -> 183...	6.289	21588											
Phencyclidine	244.2 -> 86.2	6/12/2018 4:33 P...	5.899	897	3.85	244.2 -> 91.1	3738	2.13	Phencyclidine-D5	249.2 -> 86.2	5.858	14179...											
Phenytoln	253.1 -> 104...	6/12/2018 4:33 P...	5.897	117	52.24	253.1 -> 182...			Phenytoln-D10	263.2 -> 192...	5.857	34678											
Prazepam	325.1 -> 271...	6/12/2018 4:33 P...	6.678	501	1.37	325.1 -> 140...	260	1.68	Prazepam-D5	330.1 -> 276...	6.778	41495...											
Primidone	219.1 -> 91.2	6/12/2018 4:33 P...	5.229	530	19.10	219.1 -> 162...			Prazepam-D5	330.1 -> 276...	6.778	41495...											
Propoxyphene	340.2 -> 58.3	6/12/2018 4:33 P...	6.149	379	2.93	340.2 -> 266...			Propoxyphene-D11	351.3 -> 277...	6.168	340726											
Pseudoephedrine	166.1 -> 148...	6/12/2018 4:33 P...				166.1 -> 133...			Pseudoephedrine-D3	169.1 -> 151...	4.585	996232											
Tapentadol	222.2 -> 107...	6/12/2018 4:33 P...	5.208	55	0.30	222.2 -> 121...	100	0.77	Tapentadol-D3	225.2 -> 107...	5.392	14958...											
Trimipramine	295.2 -> 100...	6/12/2018 4:33 P...	6.319	196	0.62	295.2 -> 58.3	461	1.04	Trimipramine-D3	298.2 -> 103...	6.420	46383...											
Veripamil	455.3 -> 165...	6/12/2018 4:33 P...	6.327	323	1.72	455.3 -> 150...			Trimipramine-D3	298.2 -> 103...	6.420	46383...											
Zaleplon	306.1 -> 236...	6/12/2018 4:33 P...	6.236	243	2.61	306.1 -> 264...	126	38.35	Zaleplon-D4	310.2 -> 240...	6.052	606984											
Zopiclone	389.1 -> 244...	6/12/2018 4:33 P...				389.1 -> 216...			Zopiclone-D4	393.1 -> 244...	6.126	208038											