

\* AM 7 central data available upon request. - TS

TS

12/19/2018

**Worklist: 2823**

**REVIEWED**

By Sarah Pickle at 12:14 pm, Dec 19, 2018

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-5372	1	133647	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5498	2	133648	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5592	1	133650	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5592	2	133653	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5594	1	133651	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5594	2	133652	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5624	1	133655	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5751	1	133658	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5767	3	133662	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5793	1	133663	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3029	1	133646	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3175	3	133654	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3187	1	133649	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3235	1	133656	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3260	1	133657	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3271	1	133659	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3274	1	133660	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3275	1	133661	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3337	1	133664	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3339	1	133665	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3340	1	133666	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3352	1	133667	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3353	1	133668	AM 25 Blood Multi-Drug Screen by LC-QQQ	

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**Worklist: 2823**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
P2018-3369	1	133669	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-3392	2	133645	AM 25 Blood Multi-Drug Screen by LC-QQQ



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

TS

Extraction Date: 12/11/18  
Plate lot#: 0543908

Analyst: Tamara Salazar  
Plate Expiration: 11/28/19

**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:** 445283-1

**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 00.5M 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: *P1 MDS TS wklst2823*  
*P2 MDS TS wklst2823*  
Worklist path: C:\MassHunter\Data\2018\121118 MDS TS wklst 2823
- 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: Meprobamate not evaluated.

P2018-3392 did not inject properly for panel b. The sample was reconstituted and reinjected for panel b on 12/12/18.



# Idaho State Police Forensic Services

TS

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

**Analyst: Tamara Salazar**  
**Extraction Date: 12/11/18**  
**Worklist Number: 2823**

<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	0543908	11/28/19	12/05/18		
Negative Blood	445283-1		10/25/18		
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	082818	02/28/19	08/28/19		
Formic Acid (LCMS Grade)	095180B		11/15/17		
Water (LCMS Grade)	182702		09/17/18		
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)	111318		11/13/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	111318		11/13/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	110818		11/08/18		

**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		

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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: 082818)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Hydroxide (ACS grade or better)	Fisher	053200
DI Water	-	-
Prepared:	08/28/18	
Prepared By:	Tamara Salazar	
Expires:	02/28/19	

**10mM Ammonium Formate in LCMS Water (Mobile Phase A) (Lot: 111318)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	182702
Prepared:	11/13/18	
Prepared By:	Tamara Salazar	

**0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 111318)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	11/13/18	
Prepared By:	Tamara Salazar	

**Needle Rinse (75% LCMS MeOH in LCMS Water) (Lot 110818)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	182702
Prepared:	11/08/18	
Prepared By:	Sarah Pickle	

Compound Method			p1 negative			p1 negative Results			Qualifier 1 Re...			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...	12/11/2018 12:35 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	5.381	153924		
7-aminoclonazepam	286.1 -> 121...	12/11/2018 12:35 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.449	340916		
Benzoyllecgonine	290.1 -> 168...	12/11/2018 12:35 PM					290.1 -> 105...				Benzoyllecgonine-D8	298.2 -> 171...	5.243	55079		
a-hydroxyalprazolam	325.1 -> 297...	12/11/2018 12:35 PM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...	6.319	113800		
alpha-PVP	332.2 -> 91.0	12/11/2018 12:35 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.783	11061...		
Alprazolam	309.1 -> 281...	12/11/2018 12:35 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.405	973567		
Amphetamine	136.1 -> 91.1	12/11/2018 12:35 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.871	75895		
Cocaine	304.2 -> 182...	12/11/2018 12:35 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.753	543124		
Bupropion	240.1 -> 184...	12/11/2018 12:35 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.966	192121		
Carisoprodol	261.2 -> 176...	12/11/2018 12:35 PM	6.087	395	187.30		261.2 -> 55.3	280...			Carisoprodol-D7	268.2 -> 183...	6.045	89829		
Citalopram	325.2 -> 109...	12/11/2018 12:35 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.054	529299		
Clonazepam	316.1 -> 269...	12/11/2018 12:35 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.281	35215		
Codeine	300.2 -> 215...	12/11/2018 12:35 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	5.384	155118		
Cyclobenzaprine	276.2 -> 214...	12/11/2018 12:35 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.308	854980		
Dextromethorphan	272.2 -> 171...	12/11/2018 12:35 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.085	681499		
Dextropropofol	258.2 -> 157...	12/11/2018 12:35 PM					258.2 -> 133...				Dextropropofol-D3	261.2 -> 157...	5.475	332640		
Diazepam	285.1 -> 193...	12/11/2018 12:35 PM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.652	555458		
Dihydrocodeine	302.2 -> 198...	12/11/2018 12:35 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	5.097	368809		
Diphenhydramine	256.2 -> 167...	12/11/2018 12:35 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	6.027	14565...		
Doxylamine	271.2 -> 182...	12/11/2018 12:35 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.677	299902		
EDDP	279.2 -> 235...	12/11/2018 12:35 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	6.002	39419...		
Fentanyl	337.2 -> 105...	12/11/2018 12:35 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.277	28582...		
Fluoxetine	310.1 -> 44.3	12/11/2018 12:35 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.240	29266...		
Hydrocodone	300.2 -> 198...	12/11/2018 12:35 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	5.529	583819		
Hydromorphone	286.2 -> 184...	12/11/2018 12:35 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	5.021	255948		
Ketamine	238.1 -> 125...	12/11/2018 12:35 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	6.007	13066...		
Metoprolol	268.2 -> 116...	12/11/2018 12:35 PM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...	6.045	89829		
Mirtazapine	266.2 -> 195...	12/11/2018 12:35 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	6.045	89829		
Meprobamate	219.1 -> 158...	12/11/2018 12:35 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.520	4145		
Methadone	310.2 -> 265...	12/11/2018 12:35 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.281	12890...		
Methamphetamine	150.1 -> 91.1	12/11/2018 12:35 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	5.032	752118		
Morphine	286.2 -> 201...	12/11/2018 12:35 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.839	34362		
Norbuprenorphine	414.3 -> 101...	12/11/2018 12:35 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.909	36253		
Nordiazepam	271.1 -> 140...	12/11/2018 12:35 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.492	144814		
Norfentanyl	233.2 -> 84.2	12/11/2018 12:35 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.334	12011...		
Norhydrocodone	286.2 -> 199...	12/11/2018 12:35 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	5.082	168681		
Noroxycodone	302.1 -> 284...	12/11/2018 12:35 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.997	300622		
O-desmethyl-tramadol	250.2 -> 58.3	12/11/2018 12:35 PM					250.2 -> 42.3				O-desmethyl-tramadol-...	256.2 -> 64.3	4.988	11621...		
Oxazepam	287.1 -> 240...	12/11/2018 12:35 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.326	93929		
Oxycodone	316.2 -> 298...	12/11/2018 12:35 PM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	5.300	448332		
Oxymorphone	302.1 -> 284...	12/11/2018 12:35 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.774	11138...		
Phentermine	150.1 -> 65.2	12/11/2018 12:35 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	5.174	852528		
Promethazine	285.1 -> 86.2	12/11/2018 12:35 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.368	17765...		
Quetiapine	384.2 -> 253...	12/11/2018 12:35 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.519	799969		
Sertraline	306.1 -> 158...	12/11/2018 12:35 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.507	900523		
Temazepam	301.1 -> 255...	12/11/2018 12:35 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.467	12340...		
Tramadol	264.2 -> 58.3	12/11/2018 12:35 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.515	29203...		

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Compound Method		p1 negative			p1 negative Results			Qualifier 1 M...			Qualifier 1 Re...			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Transition	Name	Transition	RT	Resp.			
Trazodone	372.2 -> 176...	12/11/2018 12:35 PM					372.2 -> 148...					Trazodone-D6	378.2 -> 182...	6.744	25304...			
Venlafaxine	278.2 -> 58.3	12/11/2018 12:35 PM					278.2 -> 260...					Venlafaxine-D6	284.2 -> 64.3	5.799	867193			
Zolpidem	308.2 -> 235...	12/11/2018 12:35 PM					308.2 -> 263...					Zolpidem-D6	314.2 -> 235...	6.322	38446...			
Mitragynine	399.2 -> 174...	12/11/2018 12:35 PM	6.296	344	0.57		399.2 -> 238...					Quetiapine-D8	392.2 -> 226...	6.519	799969			

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-MIAM	328.2 -> 165...	12/11/2018 12:54 PM	6.067	126	58.04	1.66	328.2 -> 211...	2226			6-MIAM-D6	334.2 -> 165...	5.381	143942				
7-aminoclonazepam	286.1 -> 121...	12/11/2018 12:54 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.469	303650				
Benzoyfecgonine	290.1 -> 168...	12/11/2018 12:54 PM					290.1 -> 105...				Benzoyfecgonine-D8	298.2 -> 171...	5.243	45676				
a-hydroxyalprazolam	325.1 -> 297...	12/11/2018 12:54 PM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...	6.319	94666				
alpha-PVP	232.2 -> 91.0	12/11/2018 12:54 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.783	10555...				
Alprazolam	309.1 -> 281...	12/11/2018 12:54 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.405	786903				
Amphetamine	136.1 -> 91.1	12/11/2018 12:54 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.851	88019				
Cocaine	304.2 -> 182...	12/11/2018 12:54 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.753	499974				
Bupropion	240.1 -> 184...	12/11/2018 12:54 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.987	167761				
Carisoprodol	261.2 -> 176...	12/11/2018 12:54 PM	6.067	126	58.04	1.66	261.2 -> 55.3	2226			Carisoprodol-D7	268.2 -> 183...	6.045	76053				
Citalopram	325.2 -> 109...	12/11/2018 12:54 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.054	485961				
Clonazepam	316.1 -> 269...	12/11/2018 12:54 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.281	30419				
Codeine	300.2 -> 215...	12/11/2018 12:54 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	5.384	133619				
Cyclobenzaprine	276.2 -> 214...	12/11/2018 12:54 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.328	732144				
Dextromethorphan	272.2 -> 171...	12/11/2018 12:54 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.085	677636				
Dextropropran	258.2 -> 157...	12/11/2018 12:54 PM					258.2 -> 133...				Dextropropran-D3	261.2 -> 157...	5.496	308386				
Diazepam	285.1 -> 193...	12/11/2018 12:54 PM	6.674	11102...	719.32	9143....	285.1 -> 153...	15329...			Diazepam-D5	290.1 -> 198...	6.652	477160				
Dihydrocodeine	302.2 -> 198...	12/11/2018 12:54 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	5.097	345150				
Diphenhydramine	256.2 -> 167...	12/11/2018 12:54 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	6.027	14102...				
Doxylamine	271.2 -> 182...	12/11/2018 12:54 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.677	297790				
EDDP	279.2 -> 235...	12/11/2018 12:54 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	6.002	36601...				
Fentanyl	337.2 -> 105...	12/11/2018 12:54 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.277	26063...				
Fluoxetine	310.1 -> 44.3	12/11/2018 12:54 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.240	25231...				
Hydrocodone	300.2 -> 198...	12/11/2018 12:54 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	5.549	439412				
Hydromorphone	286.2 -> 184...	12/11/2018 12:54 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	5.021	242308				
Ketamine	238.1 -> 125...	12/11/2018 12:54 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	6.028	12533...				
Metoprolol	268.2 -> 116...	12/11/2018 12:54 PM	5.473	566451	112.29	1132....	268.2 -> 56.3	558282			Carisoprodol-D7	268.2 -> 183...	6.045	76053				
Mirtazapine	266.2 -> 195...	12/11/2018 12:54 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	6.045	76053				
Meprobamate	219.1 -> 158...	12/11/2018 12:54 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.561	2975				
Methadone	310.2 -> 265...	12/11/2018 12:54 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.281	11928...				
Methamphetamine	150.1 -> 91.1	12/11/2018 12:54 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	5.032	973961				
Morphine	286.2 -> 201...	12/11/2018 12:54 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.839	38218				
Norbuprenorphine	414.3 -> 101...	12/11/2018 12:54 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.929	37966				
Nordiazepam	271.1 -> 140...	12/11/2018 12:54 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.492	109231				
Norfentanyl	233.2 -> 84.2	12/11/2018 12:54 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.355	10693...				
Norhydrocodone	286.2 -> 199...	12/11/2018 12:54 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	5.103	162908				
Noroxycodone	302.1 -> 284...	12/11/2018 12:54 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.997	411840				
O-desmethyl-tramadol	250.2 -> 58.3	12/11/2018 12:54 PM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.988	10825...				
Oxazepam	287.1 -> 240...	12/11/2018 12:54 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.326	89385				
Oxycodone	316.2 -> 298...	12/11/2018 12:54 PM	5.362	11023...	2869...	1469....	316.2 -> 241...	224303			Oxycodone-D6	322.2 -> 304...	5.361	415867				
Oxymorphone	302.1 -> 284...	12/11/2018 12:54 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.774	935088				
Phentermine	150.1 -> 65.2	12/11/2018 12:54 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	5.174	922752				
Promethazine	285.1 -> 86.2	12/11/2018 12:54 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.368	16412...				
Quetiapine	384.2 -> 253...	12/11/2018 12:54 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.519	723358				
Sertraline	306.1 -> 158...	12/11/2018 12:54 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.507	747512				
Temazepam	301.1 -> 255...	12/11/2018 12:54 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.467	10671...				
Tramadol	264.2 -> 58.3	12/11/2018 12:54 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.515	28662....				



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.				
Trazodone	372.2 -> 176...	12/11/2018 12:54 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.744	20670...				
Venlafaxine	278.2 -> 58.3	12/11/2018 12:54 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.799	800062				
Zolpidem	308.2 -> 235...	12/11/2018 12:54 PM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	6.322	35357...				
Mitragynine	399.2 -> 174...	12/11/2018 12:54 PM					399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	6.519	722358				



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.				
Trazodone	372.2 -> 176...	12/11/2018 12:15 PM	6.784	799061	159.54	372.2 -> 148...	9312...	Infinity	378.2 -> 182...	23601...								
Venlafaxine	278.2 -> 58.3	12/11/2018 12:15 PM	5.820	610391	171.64	278.2 -> 260...	11811	858.49	284.2 -> 64.3	824467								
Zolpidem	308.2 -> 235...	12/11/2018 12:15 PM	6.324	630842	353.79	308.2 -> 263...	1570...	611.83	314.2 -> 235...	37594...								
Mitragynine	399.2 -> 174...	12/11/2018 12:15 PM	6.296	170914	888.98	399.2 -> 238...	21929	13.35	392.2 -> 226...	741145								

TS

Meprobamate not evaluated due to low internal standard responses.

TS



Compound Method			p2 negative			p2 negative Results			Qualifier 1 M...			Qualifier 1 R...			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	
7-aminoflunitrazepam	284.1 -> 135...	12/11/2018 12:44 P...					284.1 -> 93.2					284.1 -> 93.2			7-aminoflunitrazepam-D7	291.2 -> 138...	5.643	847809	
alpha-hydroxymidazolam	342.1 -> 324...	12/11/2018 12:44 P...					342.1 -> 203...					342.1 -> 203...			alpha-hydroxymidazolam-	346.1 -> 328...	6.386	667172	
Amitriptyline	278.2 -> 91.2	12/11/2018 12:44 P...					278.2 -> 105...					278.2 -> 105...			Amitriptyline-D3	281.2 -> 91.2	6.395	1187903	
Acetyl Fentanyl	323.2 -> 105...	12/11/2018 12:44 P...					323.2 -> 188...					323.2 -> 188...			Acetyl Fentanyl-D5	328.2 -> 105...	6.145	2660744	
Acetyl Norfentanyl	219.1 -> 84.2	12/11/2018 12:44 P...					219.1 -> 56.3					219.1 -> 56.3			Acetyl Norfentanyl-D5	224.2 -> 84.2	4.897	810422	
Carbamazepine	237.1 -> 193...	12/11/2018 12:44 P...					237.1 -> 194...					237.1 -> 194...			Carbamazepine-13C6	243.1 -> 200...	6.057	1935366	
Chlordiazepoxide	300.1 -> 227...	12/11/2018 12:44 P...					300.1 -> 282...					300.1 -> 282...			Chlordiazepoxide-D5	305.1 -> 286...	6.534	1186618	
Sufentanil	387.2 -> 238...	12/11/2018 12:44 P...					387.2 -> 111...					387.2 -> 111...			Sufentanil-D5	392.2 -> 238...	6.585	3188291	
Desipramine	267.2 -> 72.3	12/11/2018 12:44 P...					267.2 -> 44.3					267.2 -> 44.3			Desipramine-D3	270.2 -> 75.3	6.317	3403038	
Doxepin	280.2 -> 107...	12/11/2018 12:44 P...					280.2 -> 77.2					280.2 -> 77.2			Doxepin-D3	283.2 -> 107...	6.192	547573	
Estazolam	295.1 -> 267...	12/11/2018 12:44 P...					295.1 -> 205...					295.1 -> 205...			Estazolam-D5	300.1 -> 272...	6.331	1108090	
Flunitrazepam	314.1 -> 268...	12/11/2018 12:44 P...					314.1 -> 239...					314.1 -> 239...			Flunitrazepam-D7	321.1 -> 245...	6.370	72760	
Flurazepam	388.2 -> 315...	12/11/2018 12:44 P...					388.2 -> 317...					388.2 -> 317...			Zopiclone-D4	393.1 -> 244...	6.302	301403	
Imipramine	281.2 -> 86.2	12/11/2018 12:44 P...					281.2 -> 58.3					281.2 -> 58.3			Imipramine-D3	284.2 -> 61.3	6.353	2376147	
Levamisole	205.1 -> 91.2	12/11/2018 12:44 P...					205.1 -> 178...					205.1 -> 178...			MDMA-D6	200.2 -> 166...	5.186	69011	
Maprotiline	278.2 -> 91.2	12/11/2018 12:44 P...					278.2 -> 117...					278.2 -> 117...			Meperidine-D4	252.2 -> 224...	5.790	591350	
MDA	180.1 -> 163...	12/11/2018 12:44 P...					180.1 -> 105...					180.1 -> 105...			MDA-D5	185.1 -> 168...	5.066	498571	
MDEA	208.1 -> 163...	12/11/2018 12:44 P...					208.1 -> 105...					208.1 -> 105...			MDEA-D6	214.2 -> 166...	5.328	707213	
MDMA	194.1 -> 163...	12/11/2018 12:44 P...					194.1 -> 105...					194.1 -> 105...			MDMA-D6	200.2 -> 166...	5.186	69011	
Meperidine	248.2 -> 220...	12/11/2018 12:44 P...					248.2 -> 174...					248.2 -> 174...			Meperidine-D4	252.2 -> 224...	5.790	591350	
Methylphenidate	234.2 -> 84.2	12/11/2018 12:44 P...					234.2 -> 56.3					234.2 -> 56.3			Meperidine-D4	252.2 -> 224...	5.790	591350	
Midazolam	326.1 -> 223...	12/11/2018 12:44 P...					326.1 -> 249...					326.1 -> 249...			Midazolam-D4	330.1 -> 295...	6.550	1133853	
Normeperidine	234.1 -> 42.3	12/11/2018 12:44 P...					234.1 -> 160...					234.1 -> 160...			Normeperidine-D4	238.2 -> 164...	5.630	712311	
Nortriptyline	264.2 -> 91.2	12/11/2018 12:44 P...					264.2 -> 233...					264.2 -> 233...			Nortriptyline-D3	267.2 -> 233...	6.337	691386	
Phenazepam	349.0 -> 206...	12/11/2018 12:44 P...					349.0 -> 183...					349.0 -> 183...			Phenazepam-D4	353.0 -> 183...	6.446	283480	
Phencyclidine	244.2 -> 86.2	12/11/2018 12:44 P...					244.2 -> 91.1					244.2 -> 91.1			Phencyclidine-D5	249.2 -> 86.2	5.892	1013822	
Phenytol	253.1 -> 104...	12/11/2018 12:44 P...					253.1 -> 182...					253.1 -> 182...			Phenytol-D10	263.2 -> 192...	5.952	24423	
Pseudoephedrine	166.1 -> 148...	12/11/2018 12:44 P...					166.1 -> 133...					166.1 -> 133...			Pseudoephedrine-D3	169.1 -> 151...	4.664	180997...	
Tapentadol	222.2 -> 107...	12/11/2018 12:44 P...					222.2 -> 121...					222.2 -> 121...			Tapentadol-D3	225.2 -> 107...	5.489	841763	
Zaleplon	306.1 -> 236...	12/11/2018 12:44 P...					306.1 -> 264...					306.1 -> 264...			Zaleplon-D4	310.2 -> 240...	6.168	533064	
Zopiclone	389.1 -> 244...	12/11/2018 12:44 P...					389.1 -> 216...					389.1 -> 216...			Zopiclone-D4	393.1 -> 244...	6.302	301403	

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Compound Method			p2 external control			p2 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.					
7-aminoflunitrazepam	284.1 -> 135...	12/11/2018 1:04 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.643	809237					
alpha-hydroxymidazol...	342.1 -> 324...	12/11/2018 1:04 PM					342.1 -> 203...				alpha-hydroxymidazol...	346.1 -> 328...	6.406	642305					
Amiripityline	278.2 -> 91.2	12/11/2018 1:04 PM					278.2 -> 105...				Amiripityline-D3	281.2 -> 91.2	6.395	1105459					
Acetyl Fentanyl	323.2 -> 105...	12/11/2018 1:04 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	6.145	2496409					
Acetyl Norfentanyl	219.1 -> 84.2	12/11/2018 1:04 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.897	753345					
Carbamazepine	237.1 -> 193...	12/11/2018 1:04 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	6.078	2149219					
Chlordiazepoxide	300.1 -> 227...	12/11/2018 1:04 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.534	1077210					
Sufentanil	387.2 -> 238...	12/11/2018 1:04 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.585	2907053					
Desipramine	267.2 -> 72.3	12/11/2018 1:04 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.317	3298303					
Doxepin	280.2 -> 107...	12/11/2018 1:04 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	6.192	552910					
Estazolam	295.1 -> 267...	12/11/2018 1:04 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.331	1035360					
Flunitrazepam	314.1 -> 268...	12/11/2018 1:04 PM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.390	74366					
Flurazepam	388.2 -> 315...	12/11/2018 1:04 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	6.323	217939					
Imipramine	281.2 -> 86.2	12/11/2018 1:04 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.353	2202963					
Levamisole	205.1 -> 91.2	12/11/2018 1:04 PM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	5.186	68899					
Maprotiline	278.2 -> 91.2	12/11/2018 1:04 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.790	530187					
MDA	180.1 -> 163...	12/11/2018 1:04 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	5.086	487354					
MDEA	208.1 -> 163...	12/11/2018 1:04 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.328	682851					
MDMA	194.1 -> 163...	12/11/2018 1:04 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	5.186	68899					
Meperidine	248.2 -> 220...	12/11/2018 1:04 PM	5.811	1133330	281...		248.2 -> 174...	7800...	1830...		Meperidine-D4	252.2 -> 224...	5.790	530187					
Methylphenidate	234.2 -> 84.2	12/11/2018 1:04 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.790	530187					
Midazolam	326.1 -> 223...	12/11/2018 1:04 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.570	994846					
Normeperidine	234.1 -> 42.3	12/11/2018 1:04 PM	5.611	38585	22.57		234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.630	669510					
Nortriptyline	264.2 -> 91.2	12/11/2018 1:04 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.357	652328					
Phenazepam	349.0 -> 206...	12/11/2018 1:04 PM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.446	273062					
Phencyclidine	244.2 -> 86.2	12/11/2018 1:04 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.892	1017499					
Phenylethylamine	253.1 -> 104...	12/11/2018 1:04 PM	5.810	3288	100...		253.1 -> 182...				Phenylethylamine-D10	263.2 -> 192...	5.952	24154					
Pseudoephedrine	166.1 -> 148...	12/11/2018 1:04 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.564	195946...					
Tapentadol	222.2 -> 107...	12/11/2018 1:04 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.489	751512					
Zaleplon	306.1 -> 236...	12/11/2018 1:04 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.168	529431					
Zopiclone	389.1 -> 244...	12/11/2018 1:04 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	6.323	217939					

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	Transition	Area	S/N	MI	Name	Transition	RT	Resp.					
7-aminoflunitrazepam	284.1 -> 135...	12/11/2018 12:25 P...	5.663	142287	492.13	...	284.1 -> 93.2	18174	4014.75	...	284.1 -> 138...	5.643	861416	7-aminoflunitrazepa...	291.2 -> 328...	5.643	861416						
alpha-hydroxymidazola...	342.1 -> 324...	12/11/2018 12:25 P...	6.407	58582	2759...	...	342.1 -> 203...	48158	218.73	...	346.1 -> 328...	6.386	648097	alpha-hydroxymidaz...	346.1 -> 328...	6.386	648097						
Amitriptyline	278.2 -> 91.2	12/11/2018 12:25 P...	6.396	439905	26.06	...	278.2 -> 105...	1497...	Infinity	...	281.2 -> 91.2	6.395	1118601	Amitriptyline-D3	281.2 -> 91.2	6.395	1118601						
Acetyl Fentanyl	323.2 -> 105...	12/11/2018 12:25 P...	6.166	40935	88.92	...	323.2 -> 188...	18261	131.86	...	328.2 -> 105...	6.145	2537152	Acetyl Fentanyl-D5	328.2 -> 105...	6.145	2537152						
Acetyl Norfentanyl	219.1 -> 84.2	12/11/2018 12:25 P...	4.919	12538	20.58	...	219.1 -> 56.3	6674	28.14	...	224.2 -> 84.2	4.897	798749	Acetyl Norfentanyl-D5	224.2 -> 84.2	4.897	798749						
Carbamazepine	237.1 -> 193...	12/11/2018 12:25 P...	6.079	56737	170.85	...	237.1 -> 194...	3385...	167.80	...	243.1 -> 200...	6.078	2202973	Carbamazepine-13C6	243.1 -> 200...	6.078	2202973						
Chlordiazepoxide	300.1 -> 227...	12/11/2018 12:25 P...	6.555	47198	Infinity	...	300.1 -> 282...	81339	16.61	...	305.1 -> 286...	6.534	1127425	Chlordiazepoxide-D5	305.1 -> 286...	6.534	1127425						
Sufentanil	387.2 -> 238...	12/11/2018 12:25 P...	6.587	41158	180.19	...	387.2 -> 111...	35862	65.35	...	392.2 -> 238...	6.585	3000201	Sufentanil-D5	392.2 -> 238...	6.585	3000201						
Desipramine	267.2 -> 72.3	12/11/2018 12:25 P...	6.317	573274	1098....	...	267.2 -> 44.3	2588...	109.17	...	270.2 -> 75.3	6.317	3195465	Desipramine-D3	270.2 -> 75.3	6.317	3195465						
Doxepin	280.2 -> 107...	12/11/2018 12:25 P...	6.193	137510	1676...	...	280.2 -> 77.2	87437	31.86	...	283.2 -> 107...	6.171	587544	Doxepin-D3	283.2 -> 107...	6.171	587544						
Estazolam	295.1 -> 267...	12/11/2018 12:25 P...	6.333	150074	5383...	...	295.1 -> 205...	81075	421.23	...	300.1 -> 272...	6.331	1039472	Estazolam-D5	300.1 -> 272...	6.331	1039472						
Flunitrazepam	314.1 -> 268...	12/11/2018 12:25 P...	6.390	159249	277.83	...	314.1 -> 239...	51291	12943....	...	321.1 -> 245...	6.370	69114	Flunitrazepam-D7	321.1 -> 245...	6.370	69114						
Flurazepam	388.2 -> 315...	12/11/2018 12:25 P...	6.303	434787	9792...	...	388.2 -> 317...	57018	11928....	...	393.1 -> 244...	6.322	230785	Zopiclone-D4	393.1 -> 244...	6.322	230785						
Imipramine	281.2 -> 86.2	12/11/2018 12:25 P...	6.354	599859	Infinity	...	281.2 -> 58.3	4196...	92.19	...	284.2 -> 61.3	6.353	2277172	Imipramine-D3	284.2 -> 61.3	6.353	2277172						
Levamisole	205.1 -> 91.2	12/11/2018 12:25 P...	5.531	102228	24.45	...	205.1 -> 178...	90996	69.09	...	200.2 -> 166...	5.186	73003	MDMA-D6	200.2 -> 166...	5.186	73003						
Maprotiline	278.2 -> 91.2	12/11/2018 12:25 P...	5.990	335054	Infinity	...	278.2 -> 117...	4237	7.71	...	252.2 -> 224...	5.790	573369	Meperidine-D4	252.2 -> 224...	5.790	573369						
MDA	180.1 -> 163...	12/11/2018 12:25 P...	5.087	150122	193.36	...	180.1 -> 105...	63227	23.88	...	185.1 -> 168...	5.086	486951	MDA-D5	185.1 -> 168...	5.086	486951						
MDEA	208.1 -> 163...	12/11/2018 12:25 P...	5.348	201683	4159...	...	208.1 -> 105...	1142...	48.03	...	214.2 -> 166...	5.328	718435	MDEA-D6	214.2 -> 166...	5.328	718435						
MDMA	194.1 -> 163...	12/11/2018 12:25 P...	5.207	278002	274.22	...	194.1 -> 105...	1255...	39.64	...	200.2 -> 166...	5.186	73003	MDMA-D6	200.2 -> 166...	5.186	73003						
Meperidine	248.2 -> 220...	12/11/2018 12:25 P...	5.811	132203	3762...	...	248.2 -> 174...	86874	221.63	...	252.2 -> 224...	5.790	573369	Meperidine-D4	252.2 -> 224...	5.790	573369						
Methylphenidate	234.2 -> 84.2	12/11/2018 12:25 P...	5.671	482363	Infinity	...	234.2 -> 56.3	93383	Infinity	...	252.2 -> 224...	5.790	573369	Meperidine-D4	252.2 -> 224...	5.790	573369						
Midazolam	326.1 -> 223...	12/11/2018 12:25 P...	6.571	72471	1841...	...	326.1 -> 249...	89652	211.06	...	330.1 -> 295...	6.570	1094877	Midazolam-D4	330.1 -> 295...	6.570	1094877						
Normeperidine	234.1 -> 42.3	12/11/2018 12:25 P...	5.631	123511	158.50	...	234.1 -> 160...	47578	58.73	...	238.2 -> 164...	5.630	713022	Normeperidine-D4	238.2 -> 164...	5.630	713022						
Nortriptyline	264.2 -> 91.2	12/11/2018 12:25 P...	6.338	160868	28.72	...	264.2 -> 233...	82233	Infinity	...	267.2 -> 233...	6.337	646904	Nortriptyline-D3	267.2 -> 233...	6.337	646904						
Phenazepam	349.0 -> 206...	12/11/2018 12:25 P...	6.446	49457	246.06	...	349.0 -> 183...	40279	254.15	...	353.0 -> 183...	6.446	248269	Phenazepam-D4	353.0 -> 183...	6.446	248269						
Phencyclidine	244.2 -> 86.2	12/11/2018 12:25 P...	5.914	138830	47.88	...	244.2 -> 91.1	1905...	76.87	...	249.2 -> 86.2	5.892	1073272	Phencyclidine-D5	249.2 -> 86.2	5.892	1073272						
Phenytol	253.1 -> 104...	12/11/2018 12:25 P...	5.973	6216	35.08	...	253.1 -> 182...	899	419.52	...	263.2 -> 192...	5.973	22545	Phenytol-D10	263.2 -> 192...	5.973	22545						
Pseudoephedrine	166.1 -> 148...	12/11/2018 12:25 P...	4.685	44094...	192.28	...	166.1 -> 133...	9263...	85.95	...	169.1 -> 151...	4.664	178773...	Pseudoephedrine-D3	169.1 -> 151...	4.664	178773...						
Tapentadol	222.2 -> 107...	12/11/2018 12:25 P...	5.509	229724	342.29	...	222.2 -> 121...	88849	139.93	...	225.2 -> 107...	5.489	819887	Tapentadol-D3	225.2 -> 107...	5.489	819887						
Zaleplon	306.1 -> 236...	12/11/2018 12:25 P...	6.168	147014	595.78	...	306.1 -> 264...	1434...	302.90	...	310.2 -> 240...	6.168	542122	Zaleplon-D4	310.2 -> 240...	6.168	542122						
Zopiclone	389.1 -> 244...	12/11/2018 12:25 P...	6.323	58054	526.45	...	389.1 -> 216...	21794	267.39	...	393.1 -> 244...	6.322	230785	Zopiclone-D4	393.1 -> 244...	6.322	230785						

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