
























TS

AM 7 central file available upon request -TS

9/20/2018

Worklist: 2694

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-4140	1	124355	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4173	1	124474	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4208	3	126690	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4314	1	125209	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4324	4	125392	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4330	1	125397	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4330	2	125401	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4331	1	125405	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4348	1	125500	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4379	1	125610	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4429	1	125878	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4492	2	126433	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4529	3	126472	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4626	2	126779	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2393	1	124802	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2623	1	126537	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2633	1	126563	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2647	1	126605	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2667	1	126782	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2668	1	126785	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2682	1	126876	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2683	1	126881	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2684	1	126885	AM 25 Blood Multi-Drug Screen by LC-QQQ	

B

Worklist: 2694

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
P2018-2685	1	126888	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-2690	1	126912	AM 25 Blood Multi-Drug Screen by LC-QQQ



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

TS

Extraction Date: 09/17/18
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: 361331-1
LCMS-QQQ ID: 59740

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

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: *P1 MDS wklst 2694*
P2 MDS wklst 2694
Worklist path: *C:\MassHunter\Data\2018\MDS\091918 TS wklst 2694*
- 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: Extraction performed on 09/17/18. Plate ran on 09/19/18 due to an instrument issue that was corrected.



Idaho State Police Forensic Services

B

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

Analyst: Tamara Salazar
Extraction Date: 09/17/18
Worklist Number: 2694

<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	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 Acetate (HPLC)	096256A		06/18/18		
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)	091918		09/19/18		*Date in service is after the date of the extraction. New mobile phase was made as a troubleshooting measure to an instrument ripple issue.
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	091918		09/19/18		*Date in service is after the date of the extraction. New mobile phase was made as a troubleshooting measure to an instrument ripple issue.
Needle Rinse--75% LCMS MeOH in LCMS Water	090418		09/04/18		

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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Blood External Control Solution (Lot: WS042618)

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

Component	Source	Source Lot Number
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)

Component	Source	Source Lot Number
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: 091918)

Component	Source	Source Lot Number
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	182702
Prepared:	09/19/18	
Prepared By:	Tamara Salazar	

0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 091918)

Component	Source	Source Lot Number
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	09/19/18	
Prepared By:	Tamara Salazar	

Needle Rinse (75% LCMS MeOH in LCMS Water)(Lot: 090418)

Component	Source	Source Lot Number
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	181370 182702
Prepared:	09/04/18	
Prepared By:	Sarah Pickle	

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Compound Method		p1 negative		p1 negative Results			ISTD Method			ISTD Results				
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Qualifier 1 M...	Area	S/N	MI	Name	Transition	RT	Resp.
6-MAM	328.2 -> 165...	9/19/2018 4:57 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.630	222709
7-Aminoclonazepam	286.1 -> 121...	9/19/2018 4:57 PM					286.1 -> 222...				7-Aminoclonazepam-...	290.1 -> 121...	5.346	890904
a-hydroxyalprazolam	325.1 -> 297...	9/19/2018 4:57 PM					325.1 -> 215...				a-hydroxyalprazolam-...	330.1 -> 302...	6.279	297743
alpha-PVP	232.2 -> 91.0	9/19/2018 4:57 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.253	5659722
Alprazolam	309.1 -> 281...	9/19/2018 4:57 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.364	3076216
Amphetamine	136.1 -> 91.1	9/19/2018 4:57 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.528	1022034
Benzylecgonine	290.1 -> 168...	9/19/2018 4:57 PM					290.1 -> 105...				Benzylecgonine-D8	298.2 -> 171...	5.163	17306
Bupropion	240.1 -> 184...	9/19/2018 4:57 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.457	999456
Carsiprodol	261.2 -> 176...	9/19/2018 4:57 PM					261.2 -> 55.3				Carsiprodol-D7	268.2 -> 183...	5.985	324001
Citalopram	325.2 -> 109...	9/19/2018 4:57 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.811	2382209
Clonazepam	316.1 -> 269...	9/19/2018 4:57 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.220	97725
Cocaine	304.2 -> 182...	9/19/2018 4:57 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.323	3956997
Codeine	300.2 -> 215...	9/19/2018 4:57 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.491	375031
Cyclobenzaprine	276.2 -> 214...	9/19/2018 4:57 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.063	2570678
Dextromethorphan	272.2 -> 171...	9/19/2018 4:57 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	5.801	1605415
Dextrophan	258.2 -> 157...	9/19/2018 4:57 PM					258.2 -> 133...				Dextrophan-D3	261.2 -> 157...	5.129	3378788
Diazepam	285.1 -> 193...	9/19/2018 4:57 PM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.611	1222214
Dihydrocodeine	302.2 -> 198...	9/19/2018 4:57 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.451	1183624
Diphenhydramine	256.2 -> 167...	9/19/2018 4:57 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.762	8538610
Doxylamine	271.2 -> 182...	9/19/2018 4:57 PM	5.330	13964	Infinity		271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.330	1033356...
EDDP	279.2 -> 235...	9/19/2018 4:57 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.800	810663
Fentanyl	337.2 -> 105...	9/19/2018 4:57 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.727	7060150
Fluoxetine	310.1 -> 44.3	9/19/2018 4:57 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.057	105108...
Hydrocodone	300.2 -> 198...	9/19/2018 4:57 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.714	1750541
Hydromorphone	286.2 -> 184...	9/19/2018 4:57 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	4.073	806040
Ketamine	238.1 -> 125...	9/19/2018 4:57 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.090	5439576
Meprbamate	219.1 -> 158...	9/19/2018 4:57 PM	5.704	29434	0.60		219.1 -> 97.1				Meprbamate-D7	226.2 -> 165...	5.438	34320
Methadone	310.2 -> 265...	9/19/2018 4:57 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.077	4665493
Methamphetamine	150.1 -> 91.1	9/19/2018 4:57 PM					150.1 -> 119...				Methamphetamine-D...	161.2 -> 97.1	4.688	3218918
Metoprolol	268.2 -> 116...	9/19/2018 4:57 PM					268.2 -> 56.3				Carsiprodol-D7	268.2 -> 183...	5.985	324001
Mirtazapine	266.2 -> 195...	9/19/2018 4:57 PM					266.2 -> 72.3				Carsiprodol-D7	268.2 -> 183...	5.985	324001
Mirtazapine	399.2 -> 174...	9/19/2018 4:57 PM					399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	5.930	1411444
Morphine	286.2 -> 201...	9/19/2018 4:57 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	3.816	94639
Norbuprenorphine	414.3 -> 101...	9/19/2018 4:57 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.584	30896
Nordiazepam	271.1 -> 140...	9/19/2018 4:57 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.452	445897
Norfentanyl	233.2 -> 84.2	9/19/2018 4:57 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.071	7404127
Norhydrocodone	286.2 -> 199...	9/19/2018 4:57 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.678	535173
Noroxycodone	302.1 -> 284...	9/19/2018 4:57 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.633	1217707
O-desmethyl-tramad...	250.2 -> 58.3	9/19/2018 4:57 PM					250.2 -> 42.3				O-desmethyl-tramado...	256.2 -> 64.3	4.644	6797622
Oxazepam	287.1 -> 240...	9/19/2018 4:57 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.285	338098
Oxycodone	316.2 -> 298...	9/19/2018 4:57 PM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	4.631	2299432
Oxymorphone	302.1 -> 284...	9/19/2018 4:57 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	3.927	671400
Phentermine	150.1 -> 65.2	9/19/2018 4:57 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	4.851	2883137
Promethazine	285.1 -> 86.2	9/19/2018 4:57 PM	6.022	3898	11.36		285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.021	4670381
Quetiapine	384.2 -> 253...	9/19/2018 4:57 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	5.930	1411444
Sertraline	306.1 -> 158...	9/19/2018 4:57 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.283	3338671
Tamazepam	301.1 -> 255...	9/19/2018 4:57 PM					301.1 -> 283...				Tamazepam-D5	306.1 -> 260...	6.427	3824084
Tramadol	264.2 -> 58.3	9/19/2018 4:57 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.168	143863...

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Compound Method		p1 negative		p1 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	Name	Transition	RT	Resp.
Trazodone	372.2 -> 176...	9/19/2018 4:57 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	5.871	3640473
Venlafaxine	278.2 -> 58.3	9/19/2018 4:57 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.534	4599481
Zolpidem	308.2 -> 235...	9/19/2018 4:57 PM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	5.507	106638...

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Compound Method		p1 external control			p1 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.		
6-MAM	328.2 -> 165...	9/19/2018 5:16 PM	4.610	1297	10.40	328.2 -> 211...	1013	505.80	6-MAM-D6	334.2 -> 165...	4.630	187984				
7-Aminoclonazepam	286.1 -> 121...	9/19/2018 5:16 PM				286.1 -> 222...			7-Aminoclonazepam-...	290.1 -> 121...	5.346	779984				
a-hydroxyalprazolam	325.1 -> 297...	9/19/2018 5:16 PM				325.1 -> 215...			a-hydroxyalprazolam-...	330.1 -> 302...	6.279	326362				
alpha-PVP	232.2 -> 91.0	9/19/2018 5:16 PM				232.2 -> 77.1			alpha-PVP-d8	240.2 -> 91.1	5.253	5600915				
Alprazolam	309.1 -> 281...	9/19/2018 5:16 PM				309.1 -> 205...			Alprazolam-D5	314.1 -> 286...	6.364	2735142				
Amphetamine	136.1 -> 91.1	9/19/2018 5:16 PM				136.1 -> 119...			Amphetamine-D11	147.2 -> 130...	4.528	1030383				
Benzocycgonine	290.1 -> 168...	9/19/2018 5:16 PM				290.1 -> 105...			Benzocycgonine-D8	298.2 -> 171...	5.183	10997				
Bupropion	240.1 -> 184...	9/19/2018 5:16 PM				240.1 -> 131...			Bupropion-D9	249.2 -> 185...	5.457	1038635				
Carisoprodol	261.2 -> 176...	9/19/2018 5:16 PM				261.2 -> 55.3			Carisoprodol-D7	268.2 -> 183...	5.985	335740				
Citalopram	325.2 -> 109...	9/19/2018 5:16 PM				325.2 -> 262...			Citalopram-D6	331.2 -> 109...	5.811	2315873				
Clonazepam	316.1 -> 269...	9/19/2018 5:16 PM				316.1 -> 213...			Clonazepam-D4	320.1 -> 217...	6.220	125189				
Cocaine	304.2 -> 182...	9/19/2018 5:16 PM				304.2 -> 105...			Cocaine-D3	307.2 -> 185...	5.323	3670579				
Codeine	300.2 -> 215...	9/19/2018 5:16 PM				300.2 -> 165...			Codeine-D6	306.2 -> 218...	4.491	339957				
Cyclobenzaprine	276.2 -> 214...	9/19/2018 5:16 PM				276.2 -> 231...			Cyclobenzaprine-D3	279.2 -> 215...	6.064	2955663				
Dextromethorphan	272.2 -> 171...	9/19/2018 5:16 PM				272.2 -> 147...			Dextromethorphan-D3	275.2 -> 171...	5.801	1631041				
Dextrophan	258.2 -> 157...	9/19/2018 5:16 PM				258.2 -> 133...			Dextrophan-D3	261.2 -> 157...	5.129	3171722				
Diazepam	285.1 -> 193...	9/19/2018 5:16 PM	6.612	2844933	661608...	285.1 -> 153...	45378...	1508057...	Diazepam-D5	290.1 -> 198...	6.611	1131656				
Dihydrocodeine	302.2 -> 198...	9/19/2018 5:16 PM				302.2 -> 128...			Dihydrocodeine-D6	308.2 -> 202...	4.451	1143319				
Diphenhydramine	256.2 -> 167...	9/19/2018 5:16 PM				256.2 -> 152...			Diphenhydramine-D3	259.2 -> 167...	5.762	8093567				
Doxylamine	271.2 -> 182...	9/19/2018 5:16 PM				271.2 -> 167...			Doxylamine-D5	276.2 -> 187...	5.350	9825791				
EDDP	279.2 -> 235...	9/19/2018 5:16 PM				279.2 -> 250...			EDDP-D3	282.2 -> 235...	5.800	1086009				
Fentanyl	337.2 -> 105...	9/19/2018 5:16 PM				337.2 -> 188...			Fentanyl-D5	342.3 -> 105...	5.748	7199792				
Fluoxetine	310.1 -> 44.3	9/19/2018 5:16 PM				310.1 -> 148...			Fluoxetine-D6	316.2 -> 44.3	6.057	116660...				
Hydrocodone	300.2 -> 198...	9/19/2018 5:16 PM				300.2 -> 128...			Hydrocodone-D6	306.2 -> 202...	4.714	1625574				
Hydromorphone	286.2 -> 184...	9/19/2018 5:16 PM				286.2 -> 157...			Hydromorphone-D6	292.2 -> 185...	4.073	785721				
Ketamine	238.1 -> 125...	9/19/2018 5:16 PM				238.1 -> 220...			Ketamine-D4	242.1 -> 129...	5.090	5316132				
Meproamate	219.1 -> 158...	9/19/2018 5:16 PM				219.1 -> 97.1			Meproamate-D7	226.2 -> 165...	5.438	27560				
Methadone	310.2 -> 265...	9/19/2018 5:16 PM				310.2 -> 105...			Methadone-D9	319.3 -> 268...	6.077	5039198				
Methamphetamine	150.1 -> 91.1	9/19/2018 5:16 PM				150.1 -> 119...			Methamphetamine-D11	161.2 -> 97.1	4.688	3907580				
Metoprolol	268.2 -> 116...	9/19/2018 5:16 PM	5.208	2414573	28697.3...	268.2 -> 56.3	28698...	600758...	Carisoprodol-D7	268.2 -> 183...	5.985	335740				
Mirtazapine	266.2 -> 195...	9/19/2018 5:16 PM				266.2 -> 72.3			Carisoprodol-D7	268.2 -> 183...	5.985	335740				
Mirtazapine	399.2 -> 174...	9/19/2018 5:16 PM				399.2 -> 238...			Quetiapine-D8	392.2 -> 226...	5.951	1478124				
Morphine	286.2 -> 201...	9/19/2018 5:16 PM				286.2 -> 165...			Morphine-D6	292.2 -> 152...	3.816	86155				
Nortuprenorphine	414.3 -> 101...	9/19/2018 5:16 PM				414.3 -> 57.3			Nortuprenorphine-D3	417.3 -> 101...	5.604	33737				
Nordiazepam	271.1 -> 140...	9/19/2018 5:16 PM				271.1 -> 208...			Nordiazepam-D5	276.1 -> 140...	6.452	347071				
Norfentanyl	233.2 -> 84.2	9/19/2018 5:16 PM				233.2 -> 55.3			Norfentanyl-D5	238.2 -> 84.2	5.071	7045621				
Nortrydrodone	286.2 -> 199...	9/19/2018 5:16 PM				286.2 -> 171...			Nortrydrodone-D3	289.2 -> 202...	4.699	497736				
Noroxycodone	302.1 -> 284...	9/19/2018 5:16 PM				302.1 -> 186...			Noroxycodone-D3	305.2 -> 287...	4.633	1228617				
O-desmethyl-tramad...	250.2 -> 58.3	9/19/2018 5:16 PM	4.766	46347	6.60	250.2 -> 42.3			O-desmethyl-tramadol...	256.2 -> 64.3	4.663	6227114				
Oxazepam	287.1 -> 240...	9/19/2018 5:16 PM				287.1 -> 268...			Oxazepam-D5	292.1 -> 246...	6.285	404403				
Oxycodone	316.2 -> 298...	9/19/2018 5:16 PM	4.652	5426429	114.19	316.2 -> 241...	11728...	66.40	Oxycodone-D6	322.2 -> 304...	4.631	2163696				
Oxymorphone	302.1 -> 284...	9/19/2018 5:16 PM				302.1 -> 227...			Oxymorphone-D3	305.2 -> 287...	3.927	671343				
Phentermine	150.1 -> 65.2	9/19/2018 5:16 PM				150.1 -> 133...			Phentermine-D5	155.2 -> 96.2	4.851	3057758				
Promethazine	285.1 -> 86.2	9/19/2018 5:16 PM				285.1 -> 71.3			Promethazine-D3	288.2 -> 89.2	6.021	6134256				
Quetiapine	384.2 -> 253...	9/19/2018 5:16 PM				384.2 -> 221...			Quetiapine-D8	392.2 -> 226...	5.951	1478124				
Sevraline	306.1 -> 158...	9/19/2018 5:16 PM				306.1 -> 275...			Sevraline-D3	309.1 -> 275...	6.283	3777189				
Temazepam	301.1 -> 255...	9/19/2018 5:16 PM				301.1 -> 283...			Temazepam-D5	306.1 -> 260...	6.427	3538134				
Tramadol	264.2 -> 58.3	9/19/2018 5:16 PM				264.2 -> 43.3			Tramadol-13C-D3	268.2 -> 58.3	5.168	142932...				

B

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..	9/19/2018 5:16 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182..	5.871	3791387	
Venlafaxine	278.2 -> 58.3	9/19/2018 5:16 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.534	4484352	
Zolpidem	308.2 -> 235..	9/19/2018 5:16 PM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235..	5.507	108270...	

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.						
6-MAM	328.2 -> 165...	9/19/2018 4:38 PM	4.671	5175	194.91	328.2 -> 211...	4817	2045.74	6-MAM-D6	334.2 -> 165...	4.630	168429								
7-Aminoclonazepam	286.1 -> 121...	9/19/2018 4:38 PM	5.348	149432	1319.23	286.1 -> 222...	23144	4568.04	7-Aminoclonazepam...	290.1 -> 121...	5.346	643390								
a-hydroxyalprazolam	325.1 -> 297...	9/19/2018 4:38 PM	6.280	44147	5907.05	325.1 -> 215...	5771	1080.69	a-hydroxyalprazolam...	330.1 -> 302...	6.279	277112								
alpha-PVP	232.2 -> 91.0	9/19/2018 4:38 PM	5.275	602289	102180...	232.2 -> 77.1	365342	1028.41	alpha-PVP-d8	240.2 -> 91.1	5.253	4575443								
Alprazolam	309.1 -> 281...	9/19/2018 4:38 PM	6.386	748835	54702.82	309.1 -> 205...	238231	33963.73	Alprazolam-D5	314.1 -> 286...	6.364	2638266								
Amphetamine	136.1 -> 91.1	9/19/2018 4:38 PM	4.569	992612	34.70	136.1 -> 119...	339033	Infinity	Amphetamine-D11	147.2 -> 130...	4.528	741890								
Benzoylcegonine	290.1 -> 168...	9/19/2018 4:38 PM	5.184	118516	528.96	290.1 -> 105...	43548	228.37	Benzoylcegonine-D8	298.2 -> 171...	5.163	22552								
Bupropion	240.1 -> 184...	9/19/2018 4:38 PM	5.457	517964	26248.01	240.1 -> 131...	594129	71.58	Bupropion-D9	249.2 -> 185...	5.457	705112								
Carisoprodol	261.2 -> 176...	9/19/2018 4:38 PM	6.006	1867	342.24	261.2 -> 55.3	254207	13.49	Carisoprodol-D7	268.2 -> 183...	5.985	317475								
Citalopram	325.2 -> 109...	9/19/2018 4:38 PM	5.811	1103437	152830...	325.2 -> 262...	144343	18709.95	Citalopram-D6	331.2 -> 109...	5.811	1724625								
Clonazepam	316.1 -> 269...	9/19/2018 4:38 PM	6.220	113459	231.45	316.1 -> 213...	2371	715.38	Clonazepam-D4	320.1 -> 217...	6.220	86319								
Cocaine	304.2 -> 182...	9/19/2018 4:38 PM	5.324	1063124	267222...	304.2 -> 105...	159300	25585.57	Cocaine-D3	307.2 -> 185...	5.323	2933308								
Codeine	300.2 -> 215...	9/19/2018 4:38 PM	4.495	55478	21047.02	300.2 -> 165...	44118	23.82	Codeine-D6	306.2 -> 218...	4.491	287565								
Cyclobenzaprine	276.2 -> 214...	9/19/2018 4:38 PM	6.064	291255	17.80	276.2 -> 231...	151420	45764.37	Cyclobenzaprine-D3	279.2 -> 215...	6.064	1988251								
Dextromethorphan	272.2 -> 171...	9/19/2018 4:38 PM	5.801	487484	44.90	272.2 -> 147...	590380	2004.75	Dextromethorphan-D3	275.2 -> 171...	5.801	1165337								
Dextrophan	258.2 -> 157...	9/19/2018 4:38 PM	5.150	640476	110703...	258.2 -> 133...	409657	73177.42	Dextrophan-D3	261.2 -> 157...	5.129	2414787								
Diazepam	285.1 -> 193...	9/19/2018 4:38 PM	6.612	349524	80174.79	285.1 -> 153...	490662	647.16	Diazepam-D5	290.1 -> 198...	6.611	1412041								
Dihydrocodeine	302.2 -> 198...	9/19/2018 4:38 PM	4.473	135598	307.02	302.2 -> 128...	158679	280.30	Dihydrocodeine-D6	308.2 -> 202...	4.451	888146								
Diphenhydramine	256.2 -> 167...	9/19/2018 4:38 PM	5.763	670201	91016.37	256.2 -> 152...	372718	40913.14	Diphenhydramine-D3	259.2 -> 167...	5.762	6413185								
Doxylamine	271.2 -> 182...	9/19/2018 4:38 PM	5.350	1695888	182006...	271.2 -> 167...	12493...	279.88	Doxylamine-D5	276.2 -> 187...	5.350	7538141								
EDDP	279.2 -> 235...	9/19/2018 4:38 PM	5.800	1438901	150.08	279.2 -> 250...	774241	78362.54	EDDP-D3	282.2 -> 235...	5.800	608180								
Fentanyl	337.2 -> 105...	9/19/2018 4:38 PM	5.748	41809	7916.91	337.2 -> 188...	5733	Infinity	Fentanyl-D5	342.3 -> 105...	5.748	5202795								
Fluoxetine	310.1 -> 44.3	9/19/2018 4:38 PM	6.058	1816013	2695.03	310.1 -> 148...	32274	3913.15	Fluoxetine-D6	316.2 -> 44.3	6.057	7629540								
Hydrocodone	300.2 -> 198...	9/19/2018 4:38 PM	4.737	189963	20.07	300.2 -> 128...	167866	Infinity	Hydrocodone-D6	306.2 -> 202...	4.714	1312275								
Hydromorphone	286.1 -> 184...	9/19/2018 4:38 PM	4.095	139174	5.80	286.2 -> 157...	171836	86297.31	Hydromorphone-D6	292.2 -> 185...	4.093	605376								
Ketamine	238.1 -> 125...	9/19/2018 4:38 PM	5.091	1039244	317564...	238.1 -> 220...	196215	74921.77	Ketamine-D4	242.1 -> 129...	5.090	4284714								
Meprobamate	219.1 -> 158...	9/19/2018 4:38 PM	5.459	82460	Infinity	219.1 -> 97.1	20366	Infinity	Meprobamate-D7	226.2 -> 165...	5.438	19046								
Methadone	310.2 -> 265...	9/19/2018 4:38 PM	6.099	1125872	164742...	310.2 -> 105...	733336	94675.79	Methadone-D9	319.3 -> 288...	6.077	3695677								
Methamphetamine	150.1 -> 91.1	9/19/2018 4:38 PM	4.729	765040	6.88	150.1 -> 119...	201223	128.06	Methamphetamine-D...	161.2 -> 97.1	4.688	2668309								
Metoprolol	268.2 -> 116...	9/19/2018 4:38 PM	5.228	173147	32217.23	268.2 -> 56.3	208983	652.83	Carisoprodol-D7	268.2 -> 183...	5.985	317475								
Mirtazapine	266.2 -> 195...	9/19/2018 4:38 PM	5.434	838874	81326.53	266.2 -> 72.3	535349	148423...	Carisoprodol-D7	268.2 -> 183...	5.985	317475								
Mitragynine	399.2 -> 174...	9/19/2018 4:38 PM	5.849	320172	6541.25	399.2 -> 238...	65614	8326.34	Quetiapine-D8	392.2 -> 226...	5.930	1199994								
Morphine	286.2 -> 201...	9/19/2018 4:38 PM	3.858	32479	47.99	286.2 -> 165...	41130	60.75	Morphine-D6	292.2 -> 152...	3.816	83079								
Norbuprenorphine	414.3 -> 101...	9/19/2018 4:38 PM	5.584	20161	31.62	414.3 -> 57.3	13272	33.95	Norbuprenorphine-D3	417.3 -> 101...	5.584	26745								
Nordiazepam	271.1 -> 140...	9/19/2018 4:38 PM	6.453	156343	1420.67	271.1 -> 208...	35107	883.95	Nordiazepam-D5	276.1 -> 140...	6.452	378351								
Norfentanyl	233.2 -> 84.2	9/19/2018 4:38 PM	5.092	1352373	6460.52	233.2 -> 55.3	350862	1007.23	Norfentanyl-D5	238.2 -> 84.2	5.071	5600279								
Norhydrocodone	286.2 -> 199...	9/19/2018 4:38 PM	4.699	25340	73.69	286.2 -> 171...	8309	1400.43	Norhydrocodone-D3	289.2 -> 202...	4.678	394398								
Noroxycodone	302.1 -> 284...	9/19/2018 4:38 PM	4.634	189484	13.49	302.1 -> 186...	44470	173.48	Noroxycodone-D3	305.2 -> 287...	4.633	926906								
O-desmethyl-tramadol	250.2 -> 58.3	9/19/2018 4:38 PM	4.664	2109564	177.54	250.2 -> 42.3	64349	266.74	O-desmethyl-tramadol...	256.2 -> 64.3	4.663	5041422								
Oxazepam	287.1 -> 240...	9/19/2018 4:38 PM	6.286	25831	Infinity	287.1 -> 268...	28752	Infinity	Oxazepam-D5	292.1 -> 246...	6.285	244937								
Oxycodone	316.2 -> 298...	9/19/2018 4:38 PM	4.652	564209	261.96	316.2 -> 241...	111908	1165.40	Oxycodone-D6	322.2 -> 304...	4.631	1649601								
Oxymorphone	302.1 -> 284...	9/19/2018 4:38 PM	3.950	143014	29.78	302.1 -> 227...	40243	7787.03	Oxymorphone-D3	305.2 -> 287...	3.947	503776								
Phentermine	150.1 -> 65.2	9/19/2018 4:38 PM	4.891	133398	Infinity	150.1 -> 133...	11101	3048.83	Phentermine-D5	155.2 -> 96.2	4.871	1994537								
Promethazine	285.1 -> 86.2	9/19/2018 4:38 PM	6.022	1198276	2911.78	285.1 -> 71.3	211683	17.34	Promethazine-D3	288.2 -> 89.2	6.021	4041713								
Quetiapine	384.2 -> 253...	9/19/2018 4:38 PM	5.951	1152281	164596...	384.2 -> 221...	488298	45994.15	Quetiapine-D8	392.2 -> 226...	5.930	1199994								
Setraline	306.1 -> 158...	9/19/2018 4:38 PM	6.284	758619	Infinity	306.1 -> 275...	597924	149392...	Setraline-D3	309.1 -> 275...	6.283	2628661								
Temazepam	301.1 -> 255...	9/19/2018 4:38 PM	6.427	486779	19.60	301.1 -> 283...	198293	13.68	Temazepam-D5	306.1 -> 260...	6.427	2991336								
Tramadol	264.2 -> 58.3	9/19/2018 4:38 PM	5.189	2399083	74.17	264.2 -> 43.3	34890	9073.79	Tramadol-13C-D3	268.2 -> 58.3	5.188	107138...								

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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.
Trazodone	372.2 -> 176...	9/19/2018 4:38 PM	5.871	1047753	76370.96	1	372.2 -> 148...	908853	75387.25	1	Trazodone-D6	378.2 -> 182...	5.871	2622295
Venlafaxine	278.2 -> 58.3	9/19/2018 4:38 PM	5.535	1919423	8242.83	1	278.2 -> 260...	167187	559.46	1	Venlafaxine-D6	284.2 -> 64.3	5.534	3663203
Zolpidem	308.2 -> 235...	9/19/2018 4:38 PM	5.529	1166802	42.45	1	308.2 -> 263...	293037	55747.16	1	Zolpidem-D6	314.2 -> 235...	5.507	8195388

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...	9/19/2018 4:47 PM	5.582	656131	470351...	284.1 -> 93.2	55920	9290.48	7-aminoflunitrazepam-...	291.2 -> 138...	5.562	3405792							
Acetyl Fentanyl	323.2 -> 105...	9/19/2018 4:47 PM	5.537	64752	253.89	323.2 -> 188...	29716	5545.11	Acetyl Fentanyl-D5	328.2 -> 105...	5.516	6551720							
Acetyl Norfentanyl	219.1 -> 84.2	9/19/2018 4:47 PM	4.614	58698	195.26	219.1 -> 56.3	20415	111.56	Acetyl Norfentanyl-D5	224.2 -> 84.2	4.612	3155461							
alpha-hydroxymidazola...	342.1 -> 324...	9/19/2018 4:47 PM	6.266	371787	892.10	342.1 -> 203...	258119	64943.00	alpha-hydroxymidazola...	346.1 -> 328...	6.245	2759252							
Amitriptyline	278.2 -> 91.2	9/19/2018 4:47 PM	6.133	1331423	Infinity	278.2 -> 105...	424322	Infinity	Amitriptyline-D3	281.2 -> 91.2	6.132	2920336							
Carbamazepine	237.1 -> 193...	9/19/2018 4:47 PM	6.017	249649	631.91	237.1 -> 194...	18312...	500.54	Carbamazepine-13C6	243.1 -> 200...	6.016	105865...							
Chlordiazepoxide	300.1 -> 227...	9/19/2018 4:47 PM	6.352	140810	449.60	300.1 -> 282...	236800	67996.00	Chlordiazepoxide-D5	305.1 -> 286...	6.352	3416734							
Desipramine	267.2 -> 72.3	9/19/2018 4:47 PM	6.094	1892557	192.78	267.2 -> 44.3	729291	104.06	Desipramine-D3	270.2 -> 75.3	6.094	106143...							
Doxepin	280.2 -> 107...	9/19/2018 4:47 PM	5.888	427983	63371.41	280.2 -> 77.2	168577	66.51	Doxepin-D3	283.2 -> 107...	5.887	1177112							
Estazolam	295.1 -> 267...	9/19/2018 4:47 PM	6.293	646570	178416...	295.1 -> 205...	313514	68100.00	Estazolam-D5	300.1 -> 272...	6.291	4112880							
Flunitrazepam	314.1 -> 288...	9/19/2018 4:47 PM	6.350	668837	3624.67	314.1 -> 239...	201612	28502.00	Flunitrazepam-D7	321.1 -> 245...	6.329	269917							
Flurazepam	388.2 -> 315...	9/19/2018 4:47 PM	5.838	908238	593.41	388.2 -> 317...	143010	28864.00	Zopiclone-D4	393.1 -> 244...	5.513	708096							
Imipramine	281.2 -> 86.2	9/19/2018 4:47 PM	6.111	1852330	400991...	281.2 -> 58.3	977534	131295.00	Imipramine-D3	284.2 -> 61.3	6.090	6312065							
Levamisole	205.1 -> 91.2	9/19/2018 4:47 PM	4.697	378541	14.37	205.1 -> 178...	408758	15.65	MDMA-D6	200.2 -> 166...	4.841	196144							
Maprotiline	278.2 -> 91.2	9/19/2018 4:47 PM	5.807	785188	Infinity	278.2 -> 117...	5514	27.77	Meperidine-D4	252.2 -> 224...	5.342	2582419							
MDA	180.1 -> 163...	9/19/2018 4:47 PM	4.742	197851	15.35	180.1 -> 105...	84662	10.88	MDA-D5	185.1 -> 168...	4.741	735563							
MDEA	208.1 -> 163...	9/19/2018 4:47 PM	5.023	913353	761783...	208.1 -> 105...	471449	Infinity	MDEA-D6	214.2 -> 166...	5.022	4326466							
MDMA	194.1 -> 163...	9/19/2018 4:47 PM	4.861	542780	28.24	194.1 -> 105...	295477	20.02	MDMA-D6	200.2 -> 166...	4.841	196144							
Meperidine	248.2 -> 220...	9/19/2018 4:47 PM	5.342	417398	255575...	248.2 -> 174...	331975	1153.87	Meperidine-D4	252.2 -> 224...	5.342	2582419							
Methylphenidate	234.2 -> 84.2	9/19/2018 4:47 PM	5.264	2346609	83.33	234.2 -> 56.3	494857	Infinity	Meperidine-D4	252.2 -> 224...	5.342	2582419							
Midazolam	326.1 -> 223...	9/19/2018 4:47 PM	6.125	165760	460.58	326.1 -> 249...	220221	49494.00	Midazolam-D4	330.1 -> 295...	6.125	2709839							
Normeperidine	234.1 -> 42.3	9/19/2018 4:47 PM	5.367	350767	94.29	234.1 -> 160...	297230	81633.00	Normeperidine-D4	238.2 -> 164...	5.365	2083491							
Nortriptyline	264.2 -> 91.2	9/19/2018 4:47 PM	6.095	907916	Infinity	264.2 -> 233...	744826	Infinity	Nortriptyline-D3	267.2 -> 233...	6.134	2692772							
Phenazepam	349.0 -> 206...	9/19/2018 4:47 PM	6.406	123193	37969.60	349.0 -> 183...	136084	9278.47	Phenazepam-D4	353.0 -> 183...	6.406	51969							
Phencyclidine	244.2 -> 86.2	9/19/2018 4:47 PM	5.670	514437	1264.24	244.2 -> 91.1	591129	31.96	Phencyclidine-D5	249.2 -> 86.2	5.649	4131678							
Phenylethylamine	253.1 -> 104...	9/19/2018 4:47 PM	5.912	20731	553.58	253.1 -> 182...	4711	109.33	Phenylethylamine-D10	263.2 -> 192...	5.891	66107							
Pseudoephedrine	166.1 -> 148...	9/19/2018 4:47 PM	4.361	123488...	2164.79	166.1 -> 133...	27355...	360.78	Pseudoephedrine-D3	169.1 -> 151...	4.360	4847285							
Sufentanil	387.2 -> 238...	9/19/2018 4:47 PM	5.980	82492	193.59	387.2 -> 111...	64333	16273.00	Sufentanil-D5	392.2 -> 238...	5.959	47332905							
Tapentadol	222.2 -> 107...	9/19/2018 4:47 PM	5.204	1083728	7002.21	222.2 -> 121...	526385	2087.00	Tapentadol-D3	225.2 -> 107...	5.203	4762355							
Zaleplon	306.1 -> 236...	9/19/2018 4:47 PM	6.148	540268	118387...	306.1 -> 264...	614938	3115.01	Zaleplon-D4	310.2 -> 240...	6.128	1774122							
Zopiclone	389.1 -> 244...	9/19/2018 4:47 PM	5.493	58231	162.84	389.1 -> 216...	11809	6561.73	Zopiclone-D4	393.1 -> 244...	5.513	708096							

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	Name	Transition	RT	Resp.					
7-aminoflunitrazepam	284.1 -> 135...	9/19/2018 5:07 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.541	4360100					
Acetyl Fentanyl	323.2 -> 105...	9/19/2018 5:07 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.517	8201628					
Acetyl Norfentanyl	219.1 -> 84.2	9/19/2018 5:07 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.592	4077390					
alpha-hydroxymidazolam...	342.1 -> 324...	9/19/2018 5:07 PM					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328...	6.245	3663476					
Amiripryline	278.2 -> 91.2	9/19/2018 5:07 PM					278.2 -> 105...				Amiripryline-D3	281.2 -> 91.2	6.132	3768028					
Carbamazepine	237.1 -> 193...	9/19/2018 5:07 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	6.016	141016...					
Chlordiazepoxide	300.1 -> 227...	9/19/2018 5:07 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.352	4447941					
Desipramine	267.2 -> 72.3	9/19/2018 5:07 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.094	140997...					
Doxepin	280.2 -> 107...	9/19/2018 5:07 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	5.887	1567881					
Estazolam	295.1 -> 267...	9/19/2018 5:07 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.291	5707126					
Flunitrazepam	314.1 -> 268...	9/19/2018 5:07 PM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.329	335820					
Flurazepam	388.2 -> 315...	9/19/2018 5:07 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.493	1053108					
Imipramine	281.2 -> 86.2	9/19/2018 5:07 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.090	8062847					
Levamisole	205.1 -> 91.2	9/19/2018 5:07 PM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	4.841	279382					
Maprotiline	278.2 -> 91.2	9/19/2018 5:07 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.342	3302756					
MDA	180.1 -> 163...	9/19/2018 5:07 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.741	974957					
MDEA	208.1 -> 163...	9/19/2018 5:07 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.022	5788134					
MDMA	194.1 -> 163...	9/19/2018 5:07 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	4.841	279382					
Meperidine	248.2 -> 220...	9/19/2018 5:07 PM					248.2 -> 174...				Meperidine-D4	252.2 -> 224...	5.342	3302756					
Methylphenidate	234.2 -> 84.2	9/19/2018 5:07 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.342	3302756					
Midazolam	326.1 -> 223...	9/19/2018 5:07 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.125	3579889					
Normeperidine	234.1 -> 42.3	9/19/2018 5:07 PM					234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.345	2893142					
Nortriptyline	264.2 -> 91.2	9/19/2018 5:07 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.134	3605954					
Phenazepam	349.0 -> 206...	9/19/2018 5:07 PM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.386	82387					
Phencyclidine	244.2 -> 86.2	9/19/2018 5:07 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.629	5484631					
Phenylethylamine	253.1 -> 104...	9/19/2018 5:07 PM					253.1 -> 182...				Phenylethylamine-D10	263.2 -> 192...	5.891	101181					
Pseudoephedrine	166.1 -> 148...	9/19/2018 5:07 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.340	7010098					
Sufentanil	387.2 -> 238...	9/19/2018 5:07 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	5.959	6108660					
Tapentadol	222.2 -> 107...	9/19/2018 5:07 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.203	6243038					
Zaleplon	306.1 -> 236...	9/19/2018 5:07 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.128	2362710					
Zopiclone	389.1 -> 244...	9/19/2018 5:07 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.493	1053108					

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...	9/19/2018 5:26 PM					284.1 -> 93.2				7-aminoflunitrazepam-...	291.2 -> 138...	5.541	4282814
Acetyl Fentanyl	323.2 -> 105...	9/19/2018 5:26 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.516	8533290
Acetyl Norfentanyl	219.1 -> 84.2	9/19/2018 5:26 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.592	3865406
alpha-hydroxymidazola...	342.1 -> 324...	9/19/2018 5:26 PM					342.1 -> 203...				alpha-hydroxymidazola...	346.1 -> 328...	6.245	2996042
Amitriptyline	278.2 -> 91.2	9/19/2018 5:26 PM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.132	4147876
Carbamazepine	237.1 -> 193...	9/19/2018 5:26 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.996	131586...
Chlordiazepoxide	300.1 -> 227...	9/19/2018 5:26 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.352	4160967
Desipramine	267.2 -> 72.3	9/19/2018 5:26 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.094	155607...
Doxepin	280.2 -> 107...	9/19/2018 5:26 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	5.867	1549221
Estazolam	295.1 -> 267...	9/19/2018 5:26 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.291	5237023
Flunitrazepam	314.1 -> 268...	9/19/2018 5:26 PM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.329	299425
Flurazepam	388.2 -> 315...	9/19/2018 5:26 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.493	931855
Imipramine	281.2 -> 86.2	9/19/2018 5:26 PM					281.2 -> 58.3				Imipramine-D3	280.2 -> 61.3	6.090	8872349
Levamisole	205.1 -> 91.2	9/19/2018 5:26 PM	4.820	11749	9.82		205.1 -> 178...				MDMA-D6	200.2 -> 166...	4.861	254153
Maropitine	278.2 -> 91.2	9/19/2018 5:26 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.342	3170743
MDA	180.1 -> 163...	9/19/2018 5:26 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.741	986133
MDEA	208.1 -> 163...	9/19/2018 5:26 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.022	5499271
MDMA	194.1 -> 163...	9/19/2018 5:26 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	4.861	254143
Meperidine	248.2 -> 220...	9/19/2018 5:26 PM	5.342	5633232	177.44		248.2 -> 174...	46856...	478.34		Meperidine-D4	252.2 -> 224...	5.342	3170743
Methylphenidate	234.2 -> 84.2	9/19/2018 5:26 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.342	3170743
Midazolam	326.1 -> 223...	9/19/2018 5:26 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.125	3439366
Normeperidine	234.1 -> 42.3	9/19/2018 5:26 PM	5.081	106948	52.75		234.1 -> 160...	8928	2181....		Normeperidine-D4	238.2 -> 164...	5.345	2692352
Nortriptyline	264.2 -> 91.2	9/19/2018 5:26 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.134	4270404
Phenazepam	349.0 -> 206...	9/19/2018 5:26 PM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.406	66411
Phencyclidine	244.2 -> 86.2	9/19/2018 5:26 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.629	5923760
Phenylethylamine	253.1 -> 104...	9/19/2018 5:26 PM					253.1 -> 182...				Phenylethylamine-D10	263.2 -> 192...	5.891	90211
Pseudoephedrine	166.1 -> 148...	9/19/2018 5:26 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.340	6915921
Sufentanil	387.2 -> 238...	9/19/2018 5:26 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	5.959	6601429
Tapentadol	222.2 -> 107...	9/19/2018 5:26 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.203	5823015
Zaleplon	306.1 -> 236...	9/19/2018 5:26 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.128	2356787
Zopiclone	389.1 -> 244...	9/19/2018 5:26 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.493	931855