
























AM 7 central file available upon request.



8/13/2018



Worklist: 2634

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-3309	1	120219	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3378	1	120589	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3413	1	120747	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3443	1	120879	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3449	1	120921	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3450	1	120926	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3452	1	120933	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3468	1	122622	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3546	3	121690	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3710	3	122554	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2002	1	121795	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2003	1	121798	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2004	1	121850	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2005	1	121853	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2046	1	122056	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2047	1	122076	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2048	1	122079	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2057	1	122109	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2074	1	122390	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2079	1	122413	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2081	1	122535	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2087	1	122545	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2088	1	122548	AM 25 Blood Multi-Drug Screen by LC-QQQ	

P

Worklist: 2634

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
P2018-2089	1	122551	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-2104	1	122596	AM 25 Blood Multi-Drug Screen by LC-QQQ



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

D

Extraction Date: 08/13/18

Analyst: Sarah Pickle

Plate lot#: 0515207

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

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: 081318 MDS SP
Worklist path: MDS P1a, MDS P2
- 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: *Did not evaluate phentermine due to poor peak shape and missing secondary peak. Mobile phase A had a methamphetamine contamination. A fresh mobile phase was prepared and samples that were impacted were reconstituted and reinjected 8/14/18 with no further issues.*



Idaho State Police Forensic Services

P

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

Analyst: Sarah Pickle
Extraction Date: 08/13/18
Worklist Number: 2634

<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	9/29/18	3/29/18		
Formic Acid (LCMS Grade)	095180B		11/15/17		
Water (LCMS Grade)	181370		06/21/18		
Methanol (LCMS Grade)	177145		04/11/18		
Ammonium Formate (LCMS Grade)	A0287238		1/30/17		
Ammonium Hydroxide (ACS grade or better)	053200		8/3/07		
Ethyl Acetate(ACS grade or better)	100362		6/26/17		
10mM Ammonium Formate in LCMS Water (Mobile Phase A)	081318		08/13/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	080218		08/02/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	080318		08/03/18		

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		

Blood External Control Solution (Lot: 042618)

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: 081318)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	181370
Prepared:	08/13/18	
Prepared By:	Sarah Pickle	

0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 080218)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	08/02/18	
Prepared By:	Celena Shrum	

Needle Rinse (75% LCMS MeOH in LCMS Water)(Lot: 080318)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	181370
Prepared:	08/03/18	
Prepared By:	Sarah Pickle	

Compound Method		Cal 1a		p1 cal 1a Results			Qualifier 1 Results			Qualifier 1 Method		ISID Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	ML	Transition	Area	S/N	MI	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/13/2018 11:37 AM	5.614	1626020	68.16	278.2 -> 260...	156694	23.83	284.2 -> 64.3	5.593	6068694	5.994	100080...
Zolpidem	308.2 -> 235...	8/13/2018 11:37 AM	6.016	1576904	4452.73	308.2 -> 263...	416783	54074.20	314.2 -> 235...	5.994	100080...	6.192	1307847
Mitragynine	399.2 -> 174...	8/13/2018 11:37 AM	6.029	316859	27254.87	399.2 -> 238...	40790	38.30	392.2 -> 226...	6.192	1307847		

Methamphetamine contamination, sample was reinjected 8/13/18

Compound Method			p1 cal 1a reinject			p1 cal 1a reinject 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.	Name	Transition	RT	Resp.	
6-MAM	328.2 -> 165...	8/13/2018 4:59 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...							
7-aminoclonazepam	286.1 -> 121...	8/13/2018 4:59 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...							
Benzoyllecgonine	290.1 -> 168...	8/13/2018 4:59 PM					290.1 -> 105...				Benzoyllecgonine-D8	298.2 -> 171...							
a-hydroxylprazolam	325.1 -> 297...	8/13/2018 4:59 PM					325.1 -> 215...				a-hydroxylprazolam-D5	330.1 -> 302...							
alpha-PVP	232.2 -> 91.0	8/13/2018 4:59 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1							
Alprazolam	309.1 -> 281...	8/13/2018 4:59 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...							
Amphetamine	136.1 -> 91.1	8/13/2018 4:59 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...							
Cocaine	304.2 -> 182...	8/13/2018 4:59 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...							
Bupropion	404.1 -> 184...	8/13/2018 4:59 PM					404.1 -> 131...				Bupropion-D9	249.2 -> 185...							
Carisoprodol	261.2 -> 176...	8/13/2018 4:59 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...							
Citalopram	325.2 -> 109...	8/13/2018 4:59 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...							
Clonazepam	316.1 -> 269...	8/13/2018 4:59 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...							
Codeine	300.2 -> 215...	8/13/2018 4:59 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...							
Cyclobenzaprine	276.2 -> 214...	8/13/2018 4:59 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...							
Dextromethorphan	272.2 -> 171...	8/13/2018 4:59 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...							
Dextropropriphan	258.2 -> 157...	8/13/2018 4:59 PM					258.2 -> 133...				Dextropropriphan-D3	261.2 -> 157...							
Diazepam	285.1 -> 193...	8/13/2018 4:59 PM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...							
Dihydrocodeine	302.2 -> 198...	8/13/2018 4:59 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...							
Diphenhydramine	256.2 -> 167...	8/13/2018 4:59 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...							
Doxylamine	271.2 -> 182...	8/13/2018 4:59 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...							
EDDP	279.2 -> 235...	8/13/2018 4:59 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...							
Fentanyl	337.2 -> 105...	8/13/2018 4:59 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...							
Fluoxetine	310.1 -> 44.3	8/13/2018 4:59 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3							
Hydrocodone	300.2 -> 198...	8/13/2018 4:59 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...							
Hydromorphone	286.2 -> 184...	8/13/2018 4:59 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...							
Ketamine	238.1 -> 125...	8/13/2018 4:59 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...							
Metoprolol	268.2 -> 116...	8/13/2018 4:59 PM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...							
Mirtazapine	266.2 -> 195...	8/13/2018 4:59 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...							
Meprobamate	219.1 -> 158...	8/13/2018 4:59 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...							
Methadone	310.2 -> 265...	8/13/2018 4:59 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...							
Methamphetamine	150.1 -> 91.1	8/13/2018 4:59 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1							
Morphine	286.2 -> 201...	8/13/2018 4:59 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...							
Norbuprenorphine	414.3 -> 101...	8/13/2018 4:59 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...							
Nordiazepam	271.1 -> 140...	8/13/2018 4:59 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...							
Norfentanyl	233.2 -> 84.2	8/13/2018 4:59 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2							
Norhydrocodone	286.2 -> 199...	8/13/2018 4:59 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...							
Noroxycodone	302.1 -> 284...	8/13/2018 4:59 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...							
O-desmethyl-tramadol	250.2 -> 58.3	8/13/2018 4:59 PM					250.2 -> 42.3				O-desmethyl-tramadol-	256.2 -> 64.3							
Oxazepam	287.1 -> 240...	8/13/2018 4:59 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...							
Oxycodone	316.2 -> 298...	8/13/2018 4:59 PM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...							
Oxymorphone	302.1 -> 284...	8/13/2018 4:59 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...							
Phentermine	150.1 -> 65.2	8/13/2018 4:59 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2							
Promethazine	285.1 -> 86.2	8/13/2018 4:59 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2							
Quetiapine	384.2 -> 253...	8/13/2018 4:59 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...							
Sertraline	306.1 -> 158...	8/13/2018 4:59 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...							
Temazepam	301.1 -> 255...	8/13/2018 4:59 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...							
Tramadol	264.2 -> 58.3	8/13/2018 4:59 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3							
Trazodone	372.2 -> 176...	8/13/2018 4:59 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...							

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Compound Method		p1.cal.1a reject		p1.cal.1a reject Results		Qualifier 1 M		Qualifier 1 R		SID Method		SID Results		
Name	Transition	Acq. Date/Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/13/2018 4:59 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.695	2120
Zolpidem	308.2 -> 235...	8/13/2018 4:59 PM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	6.096	3228
Mirtagynine	399.2 -> 174...	8/13/2018 4:59 PM					399.2 -> 238...				Quetiapine-D8	392.2 -> 226...		

Sample volume was insufficient. Sample was reconstituted and re injected 8/14/18.

Compound Method		p1 cal 1a reinject2				p1 cal 1a reinject2 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.	Transition	RT	Resp.		
6-MAM	328.2 -> 165...	8/14/2018 9:41 AM	4.791	5014	590.83	328.2 -> 211...	1008	491.86	328.2 -> 211...	328.2 -> 165...	6-MAM-D6	334.2 -> 165...	4.790	164907									
7-aminoclonazepam	286.1 -> 121...	8/14/2018 9:41 AM	5.387	40022	347.02	286.1 -> 222...	7976	1124.32	286.1 -> 222...	286.1 -> 121...	7-Aminoclonazepam-D4	290.1 -> 121...	5.343	162182									
Benzoyllecgonine	290.1 -> 168...	8/14/2018 9:41 AM	5.120	52293	8306.07	290.1 -> 105...	50985	122.63	290.1 -> 105...	290.1 -> 171...	Benzoyllecgonine-D8	298.2 -> 171...	5.119	15148									
a-hydroxyalprazolam	325.1 -> 297...	8/14/2018 9:41 AM	6.257	44413	147.79	325.1 -> 215...	6841	44.99	325.1 -> 215...	330.1 -> 302...	a-hydroxyalprazolam-D5	330.1 -> 302...	6.256	223898									
alpha-PVP	232.2 -> 91.0	8/14/2018 9:41 AM	5.395	306345	41017.29	232.2 -> 77.1	159658	23513.56	232.2 -> 77.1	240.2 -> 91.1	alpha-PVP-d8	240.2 -> 91.1	5.373	28358...									
Alprazolam	309.1 -> 281...	8/14/2018 9:41 AM	6.363	584278	91277.00	309.1 -> 205...	188136	1306.12	309.1 -> 205...	314.1 -> 286...	Alprazolam-D5	314.1 -> 286...	6.341	23801...									
Amphetamine	136.1 -> 91.1	8/14/2018 9:41 AM	4.708	751593	19.48	136.1 -> 119...	173295	18.01	136.1 -> 119...	147.2 -> 130...	Amphetamine-D11	147.2 -> 130...	4.607	362609									
Cocaine	304.2 -> 182...	8/14/2018 9:41 AM	5.403	634717	501.45	304.2 -> 105...	92639	14830.99	304.2 -> 105...	307.2 -> 185...	Cocaine-D3	307.2 -> 185...	5.402	18745...									
Bupropion	240.1 -> 184...	8/14/2018 9:41 AM	5.578	85000	164.17	240.1 -> 131...	135661	9.78	240.1 -> 131...	249.2 -> 185...	Bupropion-D9	249.2 -> 185...	5.557	166699									
Carisoprodol	261.2 -> 176...	8/14/2018 9:41 AM	5.963	5312	1895.87	261.2 -> 55.3	216454	78075.15	261.2 -> 55.3	268.2 -> 183...	Carisoprodol-D7	268.2 -> 183...	5.962	227164									
Citalopram	325.2 -> 109...	8/14/2018 9:41 AM	5.931	766767	17.89	325.2 -> 262...	151850	14962.58	325.2 -> 262...	331.2 -> 109...	Citalopram-D6	331.2 -> 109...	5.930	15952...									
Clonazepam	316.1 -> 269...	8/14/2018 9:41 AM	6.218	84016	8266.31	316.1 -> 213...	11038	1739.59	316.1 -> 213...	320.1 -> 217...	Clonazepam-D4	320.1 -> 217...	6.217	94905									
Codeine	300.2 -> 215...	8/14/2018 9:41 AM	4.694	34351	7.28	300.2 -> 165...	38010	Infinity	300.2 -> 165...	306.2 -> 218...	Codeine-D6	306.2 -> 218...	4.610	166150									
Cyclobenzaprine	276.2 -> 214...	8/14/2018 9:41 AM	6.225	312746	Infinity	276.2 -> 231...	144358	Infinity	276.2 -> 231...	279.2 -> 215...	Cyclobenzaprine-D3	279.2 -> 215...	6.224	17727...									
Dextromethorphan	272.2 -> 171...	8/14/2018 9:41 AM	5.920	437222	45.83	272.2 -> 147...	437588	40775.57	272.2 -> 147...	275.2 -> 171...	Dextromethorphan-D3	275.2 -> 171...	5.940	11631...									
Dextropropion	258.2 -> 157...	8/14/2018 9:41 AM	5.248	379328	70225.94	258.2 -> 133...	260630	41867.30	258.2 -> 133...	261.2 -> 157...	Dextropropion-D3	261.2 -> 157...	5.248	14264...									
Diazepam	285.1 -> 193...	8/14/2018 9:41 AM	6.610	223750	66876.56	285.1 -> 153...	399237	Infinity	285.1 -> 153...	290.1 -> 198...	Diazepam-D5	290.1 -> 198...	6.609	10966...									
Dihydrocodeine	302.2 -> 198...	8/14/2018 9:41 AM	4.571	95284	76.86	302.2 -> 128...	107276	27181.28	302.2 -> 128...	308.2 -> 202...	Dihydrocodeine-D6	308.2 -> 202...	4.550	664820									
Diphenhydramine	256.2 -> 167...	8/14/2018 9:41 AM	5.863	492298	49103.30	256.2 -> 152...	351063	40199.56	256.2 -> 152...	259.2 -> 167...	Diphenhydramine-D3	259.2 -> 167...	5.862	54783...									
Doxylamine	271.2 -> 235...	8/14/2018 9:41 AM	5.430	586810	Infinity	271.2 -> 167...	879536	2351.84	271.2 -> 167...	276.2 -> 187...	Doxylamine-D5	276.2 -> 187...	5.450	59677...									
EDDP	279.2 -> 235...	8/14/2018 9:41 AM	5.878	15760	202617.66	279.2 -> 250...	766294	73396.46	279.2 -> 250...	282.2 -> 235...	EDDP-D3	282.2 -> 235...	5.858	656084									
Fentanyl	337.2 -> 105...	8/14/2018 9:41 AM	5.950	38610	3063.84	337.2 -> 188...	17327	2524.25	337.2 -> 188...	342.3 -> 105...	Fentanyl-D5	342.3 -> 105...	5.950	42079									
Fluoxetine	310.1 -> 44.3	8/14/2018 9:41 AM	6.157	18334...	110.31	310.1 -> 148...	18046	2400.24	310.1 -> 148...	316.2 -> 44.3	Fluoxetine-D6	316.2 -> 44.3	6.136	73121...									
Hydrocodone	300.2 -> 198...	8/14/2018 9:41 AM	4.876	115343	17.87	300.2 -> 128...	109863	Infinity	300.2 -> 128...	306.2 -> 202...	Hydrocodone-D6	306.2 -> 202...	4.853	822464									
Hydromorphone	286.2 -> 184...	8/14/2018 9:41 AM	4.275	66340	Infinity	286.2 -> 157...	87449	Infinity	286.2 -> 157...	292.2 -> 185...	Hydromorphone-D6	292.2 -> 185...	4.253	397352									
Ketamine	238.1 -> 125...	8/14/2018 9:41 AM	5.292	650076	34.36	238.1 -> 220...	128391	25.39	238.1 -> 220...	242.1 -> 129...	Ketamine-D4	242.1 -> 129...	5.271	28290...									
Metoprolol	268.2 -> 116...	8/14/2018 9:41 AM	5.307	132785	16889.34	268.2 -> 56.3	115232	16.77	268.2 -> 56.3	288.2 -> 183...	Carisoprodol-D7	288.2 -> 183...	5.962	227164									
Mirtazapine	266.2 -> 195...	8/14/2018 9:41 AM	5.718	667448	88285.05	266.2 -> 72.3	420203	54729.10	266.2 -> 72.3	268.2 -> 183...	Carisoprodol-D7	268.2 -> 183...	5.962	227164									
Meprobamate	219.1 -> 158...	8/14/2018 9:41 AM	5.436	57842	339.41	219.1 -> 97.1	26368	63.10	219.1 -> 97.1	226.2 -> 165...	Meprobamate-D7	226.2 -> 165...	5.415	46018									
Methadone	310.2 -> 265...	8/14/2018 9:41 AM	6.178	10355...	1570444...	310.2 -> 105...	708331	126934...	310.2 -> 105...	319.3 -> 268...	Methadone-D9	319.3 -> 268...	6.177	33251...									
Methamphetamine	150.1 -> 91.1	8/14/2018 9:41 AM	4.849	402937	Infinity	150.1 -> 119...	83681	Infinity	150.1 -> 119...	161.2 -> 97.1	Methamphetamine-D11	161.2 -> 97.1	4.808	12045...									
Morphine	286.2 -> 201...	8/14/2018 9:41 AM	4.053	23200	Infinity	286.2 -> 165...	25514	4.34	286.2 -> 165...	292.2 -> 152...	Morphine-D6	292.2 -> 152...	3.952	59925									
Norbuprenorphine	414.3 -> 101...	8/14/2018 9:41 AM	5.744	10272	16.18	414.3 -> 57.3	14584	15.10	414.3 -> 57.3	473.2 -> 101...	Norbuprenorphine-D3	473.2 -> 101...	5.724	40214									
Nordiazepam	271.1 -> 140...	8/14/2018 9:41 AM	6.451	128105	50.40	271.1 -> 208...	43596	10463.84	271.1 -> 208...	276.1 -> 140...	Nordiazepam-D5	276.1 -> 140...	6.450	364096									
Norfentanyl	233.2 -> 84.2	8/14/2018 9:41 AM	5.130	909322	201200.16	233.2 -> 55.3	284979	Infinity	233.2 -> 55.3	238.2 -> 84.2	Norfentanyl-D5	238.2 -> 84.2	5.109	40552...									
Norhydrocodone	286.2 -> 199...	8/14/2018 9:41 AM	4.818	29014	16443.35	286.2 -> 171...	8114	9378.36	286.2 -> 171...	289.2 -> 202...	Norhydrocodone-D3	289.2 -> 202...	4.797	335177									
Noroxycodone	302.1 -> 284...	8/14/2018 9:41 AM	4.733	154056	9.61	302.1 -> 186...	38525	40.33	302.1 -> 186...	305.2 -> 287...	Noroxycodone-D3	305.2 -> 287...	4.732	748512									
O-desmethyl-trama...	250.2 -> 58.3	8/14/2018 9:41 AM	4.702	13793...	147.65	250.2 -> 42.3	32734	64.16	250.2 -> 42.3	O-desmethyl-tramadol-...	256.2 -> 64.3	4.682	34223...										
Oxazepam	287.1 -> 240...	8/14/2018 9:41 AM	6.264	37141	5463.76	287.1 -> 268...	35932	17.03	287.1 -> 268...	292.1 -> 246...	Oxazepam-D5	292.1 -> 246...	6.263	244498									
Oxycodone	316.2 -> 298...	8/14/2018 9:41 AM	4.771	391424	11.35	316.2 -> 241...	100544	101.72	316.2 -> 241...	322.2 -> 304...	Oxycodone-D6	322.2 -> 304...	4.730	11834...									
Oxymorphone	302.1 -> 284...	8/14/2018 9:41 AM	4.048	124947	Infinity	302.1 -> 227...	29441	Infinity	302.1 -> 227...	305.2 -> 287...	Oxymorphone-D3	305.2 -> 287...	4.026	528203									
Phentermine	150.1 -> 65.2	8/14/2018 9:41 AM	4.930	130060	Infinity	150.1 -> 133...	225692	Infinity	150.1 -> 133...	Phentermine-D5	155.2 -> 96.2	4.929	13555...										
Promethazine	285.1 -> 86.2	8/14/2018 9:41 AM	6.223	10623...	Infinity	285.1 -> 71.3	494756	Infinity	285.1 -> 71.3	Promethazine-D3	288.2 -> 89.2	6.222	46080...										
Quetiapine	384.2 -> 253...	8/14/2018 9:41 AM	6.233	10493...	104492.15	384.2 -> 221...	309672	64541.16	384.2 -> 221...	392.2 -> 226...	Quetiapine-D8	392.2 -> 226...	6.172	11467...									
Setraline	306.1 -> 158...	8/14/2018 9:41 AM	6.445	675052	Infinity	306.1 -> 275...	309672	Infinity	306.1 -> 275...	309.1 -> 275...	Setraline-D3	309.1 -> 275...	6.444	25406...									
Temazepam	301.1 -> 255...	8/14/2018 9:41 AM	6.425	418303	33.02	301.1 -> 283...	133117	339.17	301.1 -> 283...	306.1 -> 260...	Temazepam-D5	306.1 -> 260...	6.405	27703...									
Tramadol	264.2 -> 58.3	8/14/2018 9:41 AM	5.247	15777...	56.49	264.2 -> 43.3	27946	190.51	264.2 -> 43.3	268.2 -> 58.3	Tramadol-13C-D3	268.2 -> 58.3	5.246	74470...									
Trazodone	372.2 -> 176...	8/14/2018 9:41 AM	6.579	13269...	366.66	372.2 -> 148...	12955...	7.59	372.2 -> 148...	378.2 -> 182...	Trazodone-D6	378.2 -> 182...	6.538	33633...									

Compound Name	Transition	P1 cal 1a reinject2			P1 cal 1a reinject2 Results			Qualifier 1 Max			Qualifier 1 Results			ISID Method			ISTD Results	
		Acq. Date-Time	RT	Resp.	S/N	ML	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	Transition	RT	Resp.	
Venlafaxine	278.2 -> 58.3	8/14/2018 9:41 AM	5.614	14497 ...	70.02	278.2 -> 260...	129041	446.12		Venlafaxine-D6	284.2 -> 64.3	5.593	48999...		5.593	48999...		
Zolpidem	308.2 -> 235...	8/14/2018 9:41 AM	6.016	12234 ...	2468.48	308.2 -> 263...	346729	34275.25		Zolpidem-D6	314.2 -> 235...	6.014	85440...		6.014	85440...		
Mitragynine	399.2 -> 174...	8/14/2018 9:41 AM	6.009	327185	30752.85	399.2 -> 238...	35887	5061.25		Quetiapine-D8	392.2 -> 226...	6.172	11467...		6.172	11467...		


Did not evaluate phentermine due to poor peak shape and missing secondary peak.

Compound Method			p1 negative				p1 negative Results				Qualifier 1 M...				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...	8/13/2018 11:57 AM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.790	198817						
7-aminoclonazepam	286.1 -> 121...	8/13/2018 11:57 AM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.343	568466						
Benzylecgonine	290.1 -> 168...	8/13/2018 11:57 AM					290.1 -> 105...				Benzylecgonine-D8	298.2 -> 171...	5.119	16131						
a-hydroxylprazolam	325.1 -> 297...	8/13/2018 11:57 AM					325.1 -> 215...				a-hydroxylprazolam-D5	330.1 -> 302...	6.256	256618						
alpha-PVP	232.2 -> 91.0	8/13/2018 11:57 AM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.373	36048...						
Alprazolam	309.1 -> 281...	8/13/2018 11:57 AM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.362	28015...						
Amphetamine	136.1 -> 91.1	8/13/2018 11:57 AM	4.749	287213	5.94		136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.627	408483						
Cocaine	304.2 -> 182...	8/13/2018 11:57 AM	5.424	25194	9.50		304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.402	23717...						
Bupropion	240.1 -> 184...	8/13/2018 11:57 AM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.556	693900						
Carisoprodol	261.2 -> 176...	8/13/2018 11:57 AM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.962	296339						
Citalopram	325.2 -> 109...	8/13/2018 11:57 AM	5.911	9193	0.67		325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.930	21178...						
Clonazepam	316.1 -> 269...	8/13/2018 11:57 AM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.217	110855						
Codeine	300.2 -> 215...	8/13/2018 11:57 AM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.630	188485						
Cyclobenzaprine	276.2 -> 214...	8/13/2018 11:57 AM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.224	25289...						
Dextromethorphan	272.2 -> 171...	8/13/2018 11:57 AM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	5.920	14130...						
Dextropropofol	258.2 -> 157...	8/13/2018 11:57 AM					258.2 -> 133...				Dextropropofol-D3	261.2 -> 157...	5.248	18273...						
Diazepam	285.1 -> 193...	8/13/2018 11:57 AM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.609	13531...						
Dihydrocodeine	302.2 -> 198...	8/13/2018 11:57 AM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.570	801828						
Diphenhydramine	256.2 -> 167...	8/13/2018 11:57 AM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.862	66180...						
Doxylamine	271.2 -> 182...	8/13/2018 11:57 AM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.450	75780...						
EDDP	279.2 -> 235...	8/13/2018 11:57 AM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.878	913962						
Fentanyl	337.2 -> 105...	8/13/2018 11:57 AM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.950	55661...						
Fluoxetine	310.1 -> 44.3	8/13/2018 11:57 AM	6.137	14533	1.08		310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.156	93470...						
Hydrocodone	300.2 -> 198...	8/13/2018 11:57 AM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.853	11105...						
Hydromorphone	286.2 -> 184...	8/13/2018 11:57 AM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	4.274	461808						
Ketamine	238.1 -> 125...	8/13/2018 11:57 AM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.271	36164...						
Metoprolol	268.2 -> 116...	8/13/2018 11:57 AM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...	5.962	296339						
Mirtazapine	266.2 -> 195...	8/13/2018 11:57 AM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.962	296339						
Meprobamate	219.1 -> 158...	8/13/2018 11:57 AM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.436	34613						
Methadone	310.2 -> 265...	8/13/2018 11:57 AM	6.178	31229	Infinity		310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.177	43738...						
Methamphetamine	150.1 -> 91.1	8/13/2018 11:57 AM	4.869	18542...	11.43		150.1 -> 119...			7.51	Methamphetamine-D11	161.2 -> 97.1	4.808	14784...						
Morphine	286.2 -> 201...	8/13/2018 11:57 AM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.011	70018						
Norbuprenorphine	414.3 -> 101...	8/13/2018 11:57 AM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.744	49058						
Nordiazepam	271.1 -> 140...	8/13/2018 11:57 AM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.450	444378						
Norfentanyl	233.2 -> 84.2	8/13/2018 11:57 AM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.109	53139...						
Norhydrocodone	286.2 -> 199...	8/13/2018 11:57 AM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.797	319250						
Noroxycodone	302.1 -> 284...	8/13/2018 11:57 AM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.732	959543						
O-desmethyl-tramadol	250.2 -> 58.3	8/13/2018 11:57 AM	4.783	440169	7.04		250.2 -> 42.3				O-desmethyl-tramadol-	256.2 -> 64.3	4.702	42506...						
Oxazepam	287.1 -> 240...	8/13/2018 11:57 AM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.283	321336						
Oxycodone	316.2 -> 298...	8/13/2018 11:57 AM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	4.750	14540...						
Oxymorphone	302.1 -> 284...	8/13/2018 11:57 AM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.046	610254						
Phentermine	150.1 -> 65.2	8/13/2018 11:57 AM	4.909	519239	Infinity		150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	4.929	17773...						
Promethazine	384.2 -> 253...	8/13/2018 11:57 AM	6.183	16535	1.04		384.2 -> 71.3				Promethazine-D3	388.2 -> 89.2	6.222	59554...						
Quetiapine	306.1 -> 158...	8/13/2018 11:57 AM					306.1 -> 221...				Quetiapine-D8	309.1 -> 275...	6.192	12543...						
Sertraline	301.1 -> 255...	8/13/2018 11:57 AM					301.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.444	31876...						
Temazepam	264.2 -> 58.3	8/13/2018 11:57 AM					264.2 -> 283...				Temazepam-D5	306.1 -> 260...	6.425	32831...						
Tramadol	372.2 -> 176...	8/13/2018 11:57 AM					372.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.246	97276...						
Trazodone							372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.478	44331...						

Compound Method		p1 negative		p1 negative Results			Qualifier 1 Results			ISID Method		ISID Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	ML	Area	S/N	ML	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/13/2018 11:57 AM	5.347	21370	1.22					Venlafaxine-D6	284.2 -> 64.3	5.613	64223...
Zolpidem	308.2 -> 235...	8/13/2018 11:57 AM								Zolpidem-D6	314.2 -> 235...	5.994	99520...
Mirtagynine	399.2 -> 174...	8/13/2018 11:57 AM								Quetiapine-D8	392.2 -> 226...	6.192	12543...

Methamphetamine contamination, sample was reinjected 8/13/18

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Compound Method			p1 negative reinject			p1 negative reinject Resul...			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.	Name	Transition	RT	Resp.	
6-MAM	328.2 -> 165...	8/13/2018 5:18 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...							
7-aminoclonazepam	286.1 -> 121...	8/13/2018 5:18 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...							
Benzoyllecgonine	290.1 -> 168...	8/13/2018 5:18 PM					290.1 -> 105...				Benzoyllecgonine-D8	298.2 -> 171...							
a-hydroxyalprazolam	325.1 -> 297...	8/13/2018 5:18 PM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...							
alpha-PVP	232.2 -> 91.0	8/13/2018 5:18 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.291	482					
Alprazolam	309.1 -> 281...	8/13/2018 5:18 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.645	89					
Amphetamine	136.1 -> 91.1	8/13/2018 5:18 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.324	274					
Cocaine	304.2 -> 182...	8/13/2018 5:18 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...							
Bupropion	240.1 -> 184...	8/13/2018 5:18 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...							
Carisoprodol	261.2 -> 176...	8/13/2018 5:18 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...							
Citalopram	325.2 -> 109...	8/13/2018 5:18 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.726	1028					
Clonazepam	316.1 -> 269...	8/13/2018 5:18 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...							
Codeine	300.2 -> 215...	8/13/2018 5:18 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...							
Cyclobenzaprine	276.2 -> 214...	8/13/2018 5:18 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.102	3174					
Dextromethorphan	272.2 -> 171...	8/13/2018 5:18 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.042	796					
Dextropropion	258.2 -> 157...	8/13/2018 5:18 PM					258.2 -> 133...				Dextropropion-D3	261.2 -> 157...	4.843	308					
Diazepam	285.1 -> 193...	8/13/2018 5:18 PM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.527	2117					
Dihydrocodeine	302.2 -> 198...	8/13/2018 5:18 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.630	422					
Diphenhydramine	256.2 -> 167...	8/13/2018 5:18 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.882	8699					
Doxylamine	271.2 -> 182...	8/13/2018 5:18 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.655	4432					
EDDP	279.2 -> 235...	8/13/2018 5:18 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...							
Fentanyl	337.2 -> 105...	8/13/2018 5:18 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.970	854					
Fluoxetine	310.1 -> 44.3	8/13/2018 5:18 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.156	6575					
Hydrocodone	300.2 -> 198...	8/13/2018 5:18 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.833	715					
Hydromorphone	286.2 -> 184...	8/13/2018 5:18 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...							
Ketamine	238.1 -> 125...	8/13/2018 5:18 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.271	416					
Metoprolol	268.2 -> 116...	8/13/2018 5:18 PM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...							
Mirtazapine	266.2 -> 195...	8/13/2018 5:18 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...							
Meprobamate	219.1 -> 158...	8/13/2018 5:18 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...							
Methadone	310.2 -> 265...	8/13/2018 5:18 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.217	365					
Methamphetamine	150.1 -> 91.1	8/13/2018 5:18 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	5.010	249					
Morphine	286.2 -> 201...	8/13/2018 5:18 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.131	109					
Norbuprenorphine	414.3 -> 101...	8/13/2018 5:18 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...							
Nordiazepam	271.1 -> 140...	8/13/2018 5:18 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.389	222					
Norfentanyl	233.2 -> 84.2	8/13/2018 5:18 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.210	986					
Norhydrocodone	286.2 -> 199...	8/13/2018 5:18 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...							
Noroxycodone	302.1 -> 284...	8/13/2018 5:18 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.611	1246					
O-desmethyl-trama...	250.2 -> 58.3	8/13/2018 5:18 PM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.460	1894					
Oxazepam	287.1 -> 240...	8/13/2018 5:18 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.242	484					
Oxycodone	316.2 -> 298...	8/13/2018 5:18 PM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	4.750	1228					
Oxymorphone	302.1 -> 284...	8/13/2018 5:18 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.247	1532					
Phentermine	150.1 -> 65.2	8/13/2018 5:18 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	4.747	1006					
Promethazine	285.1 -> 86.2	8/13/2018 5:18 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.447	2731					
Quetiapine	384.2 -> 253...	8/13/2018 5:18 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.557	130					
Sertraline	306.1 -> 158...	8/13/2018 5:18 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.626	3180					
Temazepam	301.1 -> 255...	8/13/2018 5:18 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.384	366					
Tramadol	264.2 -> 58.3	8/13/2018 5:18 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.185	3482					
Trazodone	372.2 -> 176...	8/13/2018 5:18 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	7.369	21349					

Compound Method		P1, negative, reject.		P1, negative, reject, Resul.		Qualifier 1 M		Qualifier 1 R		ISID Method		ISID Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	ML	Transition	Area	S/N	ML	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/13/2018 5:18 PM				<input type="checkbox"/>	278.2 -> 260...			<input type="checkbox"/>	Venlafaxine-D6	284.2 -> 64.3	5.572	2907
Zolpidem	308.2 -> 235..	8/13/2018 5:18 PM				<input type="checkbox"/>	308.2 -> 263...			<input type="checkbox"/>	Zolpidem-D6	314.2 -> 235...	6.116	3880
Mitragynine	399.2 -> 174...	8/13/2018 5:18 PM				<input type="checkbox"/>	399.2 -> 238...			<input type="checkbox"/>	Quetiapine-D8	392.2 -> 226...	6.557	130

Sample volume was insufficient. Sample was reconstituted and re-injected 8/14/18.

Compound Method		p1 negative reinject2				p1 negative reinject2 Results				Qualifier 1 M...				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...	8/14/2018 10:00 AM	4.770	1349	485.29		328.2 → 211...	745	830.91		6-MAM-D6	334.2 → 165...	4.790	166634					
7-aminoclonazepam	286.1 → 121...	8/14/2018 10:00 AM					286.1 → 222...				7-Aminoclonazepam-D4	290.1 → 121...	5.343	223084					
Benzoylcegonine	290.1 → 168...	8/14/2018 10:00 AM					290.1 → 105...				Benzoylcegonine-D8	298.2 → 171...	5.119	11390					
a-hydroxylprazolam	325.1 → 297...	8/14/2018 10:00 AM					325.1 → 215...				a-hydroxylprazolam-D5	330.1 → 302...	6.256	251501					
alpha-PVP	232.2 → 91.0	8/14/2018 10:00 AM					232.2 → 77.1				alpha-PVP-d8	240.2 → 91.1	5.373	31703					
Alprazolam	309.1 → 281...	8/14/2018 10:00 AM					309.1 → 205...				Alprazolam-D5	314.1 → 286...	6.362	26583					
Amphetamine	136.1 → 91.1	8/14/2018 10:00 AM	4.749	213520	3.58		136.1 → 119...				Amphetamine-D11	147.2 → 130...	4.627	342570					
Cocaine	304.2 → 182...	8/14/2018 10:00 AM					304.2 → 105...				Cocaine-D3	307.2 → 185...	5.423	20176					
Bupropion	40.1 → 184...	8/14/2018 10:00 AM					40.1 → 131...				Bupropion-D9	249.2 → 185...	5.557	219517					
Carisoprodol	261.2 → 176...	8/14/2018 10:00 AM					261.2 → 55.3				Carisoprodol-D7	268.2 → 183...	5.962	263548					
Citalopram	325.2 → 109...	8/14/2018 10:00 AM	5.992	8400	4.46		325.2 → 262...				Citalopram-D6	331.2 → 109...	5.930	15055					
Clonazepam	316.1 → 269...	8/14/2018 10:00 AM					316.1 → 213...				Clonazepam-D4	320.1 → 217...	6.217	94723					
Codeine	300.2 → 215...	8/14/2018 10:00 AM					300.2 → 165...				Codeine-D6	306.2 → 218...	4.630	210204					
Cyclobenzaprine	276.2 → 214...	8/14/2018 10:00 AM					276.2 → 231...				Cyclobenzaprine-D3	279.2 → 215...	6.224	21232					
Dextromethorphan	272.2 → 171...	8/14/2018 10:00 AM	6.267	10095	21.42		272.2 → 147...				Dextromethorphan-D3	275.2 → 171...	5.940	12589					
Dextrophan	258.2 → 157...	8/14/2018 10:00 AM					258.2 → 133...				Dextrophan-D3	261.2 → 157...	5.248	15832					
Diazepam	285.1 → 193...	8/14/2018 10:00 AM					285.1 → 153...				Diazepam-D5	290.1 → 198...	6.609	12027					
Dihydrocodeine	302.2 → 198...	8/14/2018 10:00 AM					302.2 → 128...				Dihydrocodeine-D6	308.2 → 202...	4.570	742731					
Diphenhydramine	256.2 → 167...	8/14/2018 10:00 AM					256.2 → 152...				Diphenhydramine-D3	259.2 → 167...	5.862	56561					
Doxylamine	271.2 → 182...	8/14/2018 10:00 AM					271.2 → 167...				Doxylamine-D5	276.2 → 187...	5.471	64445					
EDDP	279.2 → 235...	8/14/2018 10:00 AM					279.2 → 250...				EDDP-D3	282.2 → 235...	5.898	741685					
Fentanyl	337.2 → 105...	8/14/2018 10:00 AM					337.2 → 188...				Fentanyl-D5	342.3 → 105...	5.950	48427					
Fluoxetine	310.1 → 44.3	8/14/2018 10:00 AM	6.157	19743	1.66		310.1 → 148...				Fluoxetine-D6	316.2 → 44.3	6.156	81169					
Hydrocodone	300.2 → 198...	8/14/2018 10:00 AM					300.2 → 128...				Hydrocodone-D6	306.2 → 202...	4.873	977018					
Hydromorphone	286.2 → 184...	8/14/2018 10:00 AM					286.2 → 157...				Hydromorphone-D6	292.2 → 185...	4.253	391980					
Ketamine	238.1 → 125...	8/14/2018 10:00 AM					238.1 → 220...				Ketamine-D4	242.1 → 129...	5.271	30419					
Metoprolol	268.2 → 116...	8/14/2018 10:00 AM					268.2 → 56.3				Carisoprodol-D7	268.2 → 183...	5.962	263548					
Mirtazapine	266.2 → 195...	8/14/2018 10:00 AM					266.2 → 72.3				Carisoprodol-D7	268.2 → 183...	5.962	263548					
Meprobamate	219.1 → 158...	8/14/2018 10:00 AM					219.1 → 97.1				Meprobamate-D7	226.2 → 165...	5.415	30896					
Methadone	310.2 → 265...	8/14/2018 10:00 AM					310.2 → 105...				Methadone-D9	319.3 → 268...	6.177	37964					
Methamphetamine	150.1 → 91.1	8/14/2018 10:00 AM					150.1 → 119...				Methamphetamine-D11	161.2 → 97.1	4.808	14639					
Morphine	286.2 → 201...	8/14/2018 10:00 AM					286.2 → 165...				Morphine-D6	292.2 → 152...	4.011	64727					
Norbuprenorphine	414.3 → 101...	8/14/2018 10:00 AM					414.3 → 57.3				Norbuprenorphine-D3	417.3 → 101...	5.724	50408					
Nordiazepam	271.1 → 140...	8/14/2018 10:00 AM					271.1 → 208...				Nordiazepam-D5	276.1 → 140...	6.450	392335					
Norfentanyl	233.2 → 84.2	8/14/2018 10:00 AM					233.2 → 55.3				Norfentanyl-D5	238.2 → 84.2	5.129	44830					
Norhydrocodone	286.2 → 199...	8/14/2018 10:00 AM					286.2 → 171...				Norhydrocodone-D3	289.2 → 202...	4.818	310127					
Noroxycodone	302.1 → 284...	8/14/2018 10:00 AM					302.1 → 186...				Noroxycodone-D3	305.2 → 287...	4.732	815992					
O-desmethyl-tramadol	250.2 → 58.3	8/14/2018 10:00 AM					250.2 → 42.3				O-desmethyl-tramadol	256.2 → 64.3	4.702	37881					
Oxazepam	287.1 → 240...	8/14/2018 10:00 AM					287.1 → 268...				Oxazepam-D5	292.1 → 246...	6.263	303943					
Oxycodone	316.2 → 298...	8/14/2018 10:00 AM					316.2 → 241...				Oxycodone-D6	322.2 → 304...	4.750	12141					
Oxymorphone	302.1 → 284...	8/14/2018 10:00 AM					302.1 → 227...				Oxymorphone-D3	305.2 → 287...	4.066	505947					
Penthermine	150.1 → 65.2	8/14/2018 10:00 AM					150.1 → 133...				Penthermine-D5	155.2 → 96.2	4.950	14433					
Promethazine	285.1 → 86.2	8/14/2018 10:00 AM					285.1 → 71.3				Promethazine-D3	288.2 → 89.2	6.243	44119					
Quetiapine	384.2 → 253...	8/14/2018 10:00 AM					384.2 → 221...				Quetiapine-D8	392.2 → 226...	6.192	12910					
Sertraline	306.1 → 158...	8/14/2018 10:00 AM					306.1 → 275...				Sertraline-D3	309.1 → 275...	6.444	26923					
Temazepam	301.1 → 255...	8/14/2018 10:00 AM					301.1 → 283...				Temazepam-D5	306.1 → 260...	6.425	30724					
Tramadol	264.2 → 58.3	8/14/2018 10:00 AM					264.2 → 43.3				Tramadol-13C-D3	268.2 → 58.3	5.246	75144					
Trazodone	372.2 → 176...	8/14/2018 10:00 AM					372.2 → 148...				Trazodone-D6	378.2 → 182...	6.559	39765					

Compound Name	p1, negative reinject2		p1 negative reinject2 Results		Qualifier 1 M...		Qualifier 1, Resu...		iSTD Method		iSTD Results		
	Transition	Acq. Date-Time	RT	Resp.	S/N	ML	Area	S/N	ML	Naip	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/14/2018 10:00 AM									284.2 -> 64.3	5.613	51576...
Zolpidem	308.2 -> 235...	8/14/2018 10:00 AM									314.2 -> 235...	6.014	88212...
Mirtagynine	399.2 -> 174...	8/14/2018 10:00 AM									392.2 -> 226...	6.192	12910...

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	Area	S/N	MI	Name	Transition	Area	S/N	MI	RT	Resp.			
6-MAM	328.2 → 165...	8/13/2018 12:16 PM					328.2 → 211...				6-MAM-D6	334.2 → 165...				6-MAM-D6	334.2 → 165...				4.790	179065			
7-aminoclonazepam	286.1 → 121...	8/13/2018 12:16 PM					286.1 → 222...				7-Aminoclonazepam-D4	290.1 → 121...				7-Aminoclonazepam-D4	290.1 → 121...				5.343	566279			
Benzoylcegonine	290.1 → 168...	8/13/2018 12:16 PM					290.1 → 105...				Benzoylcegonine-D8	298.2 → 171...				Benzoylcegonine-D8	298.2 → 171...				5.099	17854			
a-hydroxyalprazolam	325.1 → 297...	8/13/2018 12:16 PM					325.1 → 215...				a-hydroxyalprazolam-D5	330.1 → 302...				a-hydroxyalprazolam-D5	330.1 → 302...				6.256	238918			
alpha-PVP	232.2 → 91.0	8/13/2018 12:16 PM					232.2 → 77.1				alpha-PVP-d8	240.2 → 91.1				alpha-PVP-d8	240.2 → 91.1				5.352	3636076			
Alprazolam	309.1 → 281...	8/13/2018 12:16 PM					309.1 → 205...				Alprazolam-D5	314.1 → 286...				Alprazolam-D5	314.1 → 286...				6.341	2856924			
Amphetamine	136.1 → 91.1	8/13/2018 12:16 PM	4.749	96702	1.15		136.1 → 119...				Amphetamine-D11	147.2 → 130...				Amphetamine-D11	147.2 → 130...				4.627	423289			
Cocaine	304.2 → 182...	8/13/2018 12:16 PM	5.383	20150	2452.00		304.2 → 105...				Cocaine-D3	307.2 → 185...				Cocaine-D3	307.2 → 185...				5.402	2379371			
Bupropion	240.1 → 184...	8/13/2018 12:16 PM					240.1 → 131...				Bupropion-D9	249.2 → 185...				Bupropion-D9	249.2 → 185...				5.556	576828			
Carisoprodol	261.2 → 176...	8/13/2018 12:16 PM					261.2 → 55.3				Carisoprodol-D7	268.2 → 183...				Carisoprodol-D7	268.2 → 183...				5.962	268021			
Citalopram	325.2 → 109...	8/13/2018 12:16 PM					325.2 → 262...				Citalopram-D6	331.2 → 109...				Citalopram-D6	331.2 → 109...				5.910	1957101			
Clonazepam	316.1 → 269...	8/13/2018 12:16 PM					316.1 → 213...				Clonazepam-D4	320.1 → 217...				Clonazepam-D4	320.1 → 217...				6.217	108394			
Codeine	300.2 → 215...	8/13/2018 12:16 PM					300.2 → 165...				Codeine-D6	306.2 → 218...				Codeine-D6	306.2 → 218...				4.630	289362			
Cyclobenzaprine	276.2 → 214...	8/13/2018 12:16 PM					276.2 → 231...				Cyclobenzaprine-D3	279.2 → 215...				Cyclobenzaprine-D3	279.2 → 215...				6.204	2342113			
Dextromethorphan	272.2 → 171...	8/13/2018 12:16 PM					272.2 → 147...				Dextromethorphan-D3	275.2 → 171...				Dextromethorphan-D3	275.2 → 171...				5.920	1451288			
Dextropropofol	258.2 → 157...	8/13/2018 12:16 PM	5.248	3193	5.00		258.2 → 133...				Dextropropofol-D3	261.2 → 157...				Dextropropofol-D3	261.2 → 157...				5.248	1800797			
Diazepam	285.1 → 193...	8/13/2018 12:16 PM	6.610	3276982	Infinity		285.1 → 153...	51069...	948337		Diazepam-D5	290.1 → 198...				Diazepam-D5	290.1 → 198...				6.609	1214631			
Dihydrocodeine	302.2 → 198...	8/13/2018 12:16 PM					302.2 → 128...				Dihydrocodeine-D6	308.2 → 202...				Dihydrocodeine-D6	308.2 → 202...				4.550	849644			
Diphenhydramine	256.2 → 167...	8/13/2018 12:16 PM					256.2 → 152...				Diphenhydramine-D3	259.2 → 167...				Diphenhydramine-D3	259.2 → 167...				5.862	6648638			
Doxylamine	271.2 → 182...	8/13/2018 12:16 PM					271.2 → 167...				Doxylamine-D5	276.2 → 187...				Doxylamine-D5	276.2 → 187...				5.450	7570595			
EDDP	279.2 → 235...	8/13/2018 12:16 PM					279.2 → 250...				EDDP-D3	282.2 → 235...				EDDP-D3	282.2 → 235...				5.858	913875			
Fentanyl	337.2 → 105...	8/13/2018 12:16 PM					337.2 → 188...				Fentanyl-D5	342.3 → 105...				Fentanyl-D5	342.3 → 105...				5.929	6191309			
Fluoxetine	310.1 → 44.3	8/13/2018 12:16 PM					310.1 → 148...				Fluoxetine-D6	316.2 → 44.3				Fluoxetine-D6	316.2 → 44.3				6.136	8920754			
Hydrocodone	300.2 → 198...	8/13/2018 12:16 PM					300.2 → 128...				Hydrocodone-D6	306.2 → 202...				Hydrocodone-D6	306.2 → 202...				4.853	1180117			
Hydromorphone	286.2 → 184...	8/13/2018 12:16 PM					286.2 → 157...				Hydromorphone-D6	292.2 → 185...				Hydromorphone-D6	292.2 → 185...				4.274	382850			
Ketamine	238.1 → 125...	8/13/2018 12:16 PM					238.1 → 220...				Ketamine-D4	242.1 → 129...				Ketamine-D4	242.1 → 129...				5.250	3540872			
Metoprolol	268.2 → 116...	8/13/2018 12:16 PM	5.307	1739089	35.69		268.2 → 56.3	17968...	73.97		Carisoprodol-D7	268.2 → 183...				Carisoprodol-D7	268.2 → 183...				5.962	268021			
Mirtazapine	266.2 → 195...	8/13/2018 12:16 PM					266.2 → 72.3				Carisoprodol-D7	268.2 → 183...				Carisoprodol-D7	268.2 → 183...				5.962	268021			
Meprobamate	219.1 → 158...	8/13/2018 12:16 PM					219.1 → 97.1				Meprobamate-D7	226.2 → 165...				Meprobamate-D7	226.2 → 165...				5.415	46475			
Methadone	310.2 → 265...	8/13/2018 12:16 PM					310.2 → 105...				Methadone-D9	319.3 → 268...				Methadone-D9	319.3 → 268...				6.177	4205096			
Methamphetamine	150.1 → 91.1	8/13/2018 12:16 PM	4.889	1821399	5.17		150.1 → 119...	373865	3.06		Methamphetamine-D11	161.2 → 97.1				Methamphetamine-D11	161.2 → 97.1				4.787	1582429			
Morphine	286.2 → 201...	8/13/2018 12:16 PM					286.2 → 165...				Morphine-D6	292.2 → 152...				Morphine-D6	292.2 → 152...				4.011	84153			
Norbuprenorphine	414.3 → 101...	8/13/2018 12:16 PM					414.3 → 57.3				Norbuprenorphine-D3	417.3 → 101...				Norbuprenorphine-D3	417.3 → 101...				5.703	54831			
Nordiazepam	271.1 → 140...	8/13/2018 12:16 PM					271.1 → 208...				Nordiazepam-D5	276.1 → 140...				Nordiazepam-D5	276.1 → 140...				6.450	406558			
Nortentanyl	233.2 → 84.2	8/13/2018 12:16 PM					233.2 → 55.3				Nortentanyl-D5	238.2 → 84.2				Nortentanyl-D5	238.2 → 84.2				5.109	5115721			
Norhydrocodone	286.2 → 199...	8/13/2018 12:16 PM					286.2 → 171...				Norhydrocodone-D3	289.2 → 202...				Norhydrocodone-D3	289.2 → 202...				4.797	382962			
Noroxycodone	302.1 → 284...	8/13/2018 12:16 PM					302.1 → 186...				Noroxycodone-D3	305.2 → 287...				Noroxycodone-D3	305.2 → 287...				4.712	940252			
O-desmethyl-trama...	250.2 → 58.3	8/13/2018 12:16 PM	4.763	473822	6.76		250.2 → 42.3				O-desmethyl-tramadol-...	256.2 → 64.3				O-desmethyl-tramadol-...	256.2 → 64.3				4.702	4226739			
Oxazepam	287.1 → 240...	8/13/2018 12:16 PM					287.1 → 268...				Oxazepam-D5	292.1 → 246...				Oxazepam-D5	292.1 → 246...				6.263	309260			
Oxycodone	316.2 → 298...	8/13/2018 12:16 PM	4.751	4426754	62.68		316.2 → 241...	970431	57.67		Oxycodone-D6	322.2 → 304...				Oxycodone-D6	322.2 → 304...				4.730	1440835			
Oxymorphone	302.1 → 284...	8/13/2018 12:16 PM					302.1 → 227...				Oxymorphone-D3	305.2 → 287...				Oxymorphone-D3	305.2 → 287...				4.066	707388			
Pentetermine	150.1 → 65.2	8/13/2018 12:16 PM	4.909	463628	Infinity		150.1 → 133...				Pentetermine-D5	155.2 → 96.2				Pentetermine-D5	155.2 → 96.2				4.929	1700816			
Promethazine	384.1 → 86.2	8/13/2018 12:16 PM					384.1 → 71.3				Promethazine-D3	288.2 → 89.2				Promethazine-D3	288.2 → 89.2				6.222	6020767			
Quetiapine	285.2 → 253...	8/13/2018 12:16 PM					285.2 → 221...				Quetiapine-D8	392.2 → 226...				Quetiapine-D8	392.2 → 226...				6.172	1299078			
Sertraline	306.1 → 158...	8/13/2018 12:16 PM					306.1 → 275...				Sertraline-D3	309.1 → 275...				Sertraline-D3	309.1 → 275...				6.423	2657706			
Temazepam	301.1 → 255...	8/13/2018 12:16 PM					301.1 → 283...				Temazepam-D5	306.1 → 260...				Temazepam-D5	306.1 → 260...				6.405	3208537			
Tramadol	264.2 → 58.3	8/13/2018 12:16 PM					264.2 → 43.3				Tramadol-13C-D3	268.2 → 58.3				Tramadol-13C-D3	268.2 → 58.3				5.226	9760255			
Trazodone	372.2 → 176...	8/13/2018 12:16 PM					372.2 → 148...				Trazodone-D6	378.2 → 182...				Trazodone-D6	378.2 → 182...				6.538	4332179			

Compound Method		p1 external control			p1 external control Results			Qualifier 1 Results			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp	S/N	MI	Area	S/N	MI	Name	Transition	RI	Resp		
Venlafaxine	278.2 -> 58.3	8/13/2018 12:16 PM								Venlafaxine-D6	284.2 -> 64.3	5.593	6230736		
Zolpidem	308.2 -> 235...	8/13/2018 12:16 PM								Zolpidem-D6	314.2 -> 235...	5.994	104500...		
Mirtagynine	399.2 -> 174...	8/13/2018 12:16 PM								Quetiapine-D8	392.2 -> 226...	6.172	1299078		

Methamphetamine contamination, sample was reinjected 8/13/18

Compound Method			p1 external control re...			p1 external control reinjec...			Qualifier 1 M...			Qualifier 1 R...			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	M/I	Transition	Area	S/N	M/I	Transition	Area	S/N	M/I	Name	Transition	RT	Resp.	
6-MAM	328.2 → 165...	8/13/2018 5:38 PM					328.2 → 211...								6-MAM-D6	334.2 → 165...			
7-aminoclonazepam	286.1 → 121...	8/13/2018 5:38 PM					286.1 → 222...								7-Aminoclonazepam-D4	290.1 → 121...			
Benzylecgonine	290.1 → 168...	8/13/2018 5:38 PM					290.1 → 105...								Benzylecgonine-D8	298.2 → 171...			
a-hydroxyalprazolam	325.1 → 297...	8/13/2018 5:38 PM					325.1 → 215...								a-hydroxyalprazolam-D5	330.1 → 302...	6.621	379	
alpha-PVP	232.2 → 91.0	8/13/2018 5:38 PM					232.2 → 77.1								alpha-PVP-d8	240.2 → 91.1	5.210	1182	
Alprazolam	309.1 → 281...	8/13/2018 5:38 PM					309.1 → 205...								Alprazolam-D5	314.1 → 286...			
Amphetamine	136.1 → 91.1	8/13/2018 5:38 PM					136.1 → 119...								Amphetamine-D11	147.2 → 130...	4.324	494	
Cocaine	304.2 → 182...	8/13/2018 5:38 PM					304.2 → 105...								Cocaine-D3	307.2 → 185...	5.527	1040	
Bupropion	240.1 → 184...	8/13/2018 5:38 PM					240.1 → 131...								Bupropion-D9	249.2 → 185...			
Carisoprodol	261.2 → 176...	8/13/2018 5:38 PM					261.2 → 55.3								Carisoprodol-D7	268.2 → 183...			
Citalopram	325.2 → 109...	8/13/2018 5:38 PM					325.2 → 262...								Citalopram-D6	331.2 → 109...	6.174	291	
Clonazepam	316.1 → 269...	8/13/2018 5:38 PM					316.1 → 213...								Clonazepam-D4	320.1 → 217...			
Codeine	300.2 → 215...	8/13/2018 5:38 PM					300.2 → 165...								Codeine-D6	306.2 → 218...			
Cyclobenzaprine	276.2 → 214...	8/13/2018 5:38 PM					276.2 → 231...								Cyclobenzaprine-D3	279.2 → 215...	6.448	363	
Dextromethorphan	272.2 → 171...	8/13/2018 5:38 PM					272.2 → 147...								Dextromethorphan-D3	275.2 → 171...	5.859	965	
Dextropropriphan	258.2 → 157...	8/13/2018 5:38 PM					258.2 → 133...								Dextropropriphan-D3	261.2 → 157...			
Diazepam	285.1 → 193...	8/13/2018 5:38 PM					285.1 → 153...								Diazepam-D5	290.1 → 198...	6.588	146	
Dihydrocodeine	302.2 → 198...	8/13/2018 5:38 PM					302.2 → 128...								Dihydrocodeine-D6	308.2 → 202...	4.792	349	
Diphenhydramine	256.2 → 167...	8/13/2018 5:38 PM					256.2 → 152...								Diphenhydramine-D3	259.2 → 167...	5.801	2330	
Doxylamine	271.2 → 182...	8/13/2018 5:38 PM					271.2 → 167...								Doxylamine-D5	276.2 → 187...	5.450	1469	
EDDP	279.2 → 235...	8/13/2018 5:38 PM					279.2 → 250...								EDDP-D3	282.2 → 235...	6.224	109	
Fentanyl	337.2 → 105...	8/13/2018 5:38 PM					337.2 → 188...								Fentanyl-D5	342.3 → 105...	5.889	2497	
Fluoxetine	310.1 → 44.3	8/13/2018 5:38 PM					310.1 → 148...								Fluoxetine-D6	316.2 → 44.3	5.912	910	
Hydrocodone	300.2 → 198...	8/13/2018 5:38 PM					300.2 → 128...								Hydrocodone-D6	306.2 → 202...	4.772	1004	
Hydromorphone	286.2 → 184...	8/13/2018 5:38 PM					286.2 → 157...								Hydromorphone-D6	292.2 → 185...	4.313	289	
Ketamine	238.1 → 125...	8/13/2018 5:38 PM					238.1 → 220...								Ketamine-D4	242.1 → 129...	5.311	503	
Metoprolol	268.2 → 116...	8/13/2018 5:38 PM					268.2 → 56.3								Carisoprodol-D7	268.2 → 183...			
Mirtazapine	266.2 → 195...	8/13/2018 5:38 PM					266.2 → 72.3								Carisoprodol-D7	268.2 → 183...			
Meprobamate	219.1 → 158...	8/13/2018 5:38 PM					219.1 → 97.1								Meprobamate-D7	226.2 → 165...			
Methadone	310.2 → 265...	8/13/2018 5:38 PM					310.2 → 105...								Methadone-D9	319.3 → 268...	6.421	2221	
Methamphetamine	150.1 → 91.1	8/13/2018 5:38 PM					150.1 → 119...								Methamphetamine-D11	161.2 → 97.1	5.071	573	
Morphine	286.2 → 201...	8/13/2018 5:38 PM					286.2 → 165...								Morphine-D6	292.2 → 152...			
Norbuprenorphine	414.3 → 101...	8/13/2018 5:38 PM					414.3 → 57.3								Norbuprenorphine-D3	417.3 → 101...			
Nordiazepam	271.1 → 140...	8/13/2018 5:38 PM					271.1 → 208...								Nordiazepam-D5	276.1 → 140...	6.409	737	
Norfentanyl	233.2 → 84.2	8/13/2018 5:38 PM					233.2 → 55.3								Norfentanyl-D5	238.2 → 84.2	5.109	3376	
Norhydrocodone	286.2 → 199...	8/13/2018 5:38 PM					286.2 → 171...								Norhydrocodone-D3	289.2 → 202...	4.797	1	
Noroxycodone	302.1 → 284...	8/13/2018 5:38 PM					302.1 → 186...								Noroxycodone-D3	305.2 → 287...	4.651	1490	
O-desmethyl-trama...	250.2 → 58.3	8/13/2018 5:38 PM					250.2 → 42.3								O-desmethyl-tramadol-	256.2 → 64.3	4.662	810	
Oxazepam	287.1 → 240...	8/13/2018 5:38 PM					287.1 → 268...								Oxazepam-D5	292.1 → 246...	6.344	1459	
Oxycodone	316.2 → 298...	8/13/2018 5:38 PM					316.2 → 241...								Oxycodone-D6	322.2 → 304...	4.791	1376	
Oxymorphone	302.1 → 284...	8/13/2018 5:38 PM					302.1 → 227...								Oxymorphone-D3	305.2 → 287...	4.268	2284	
Phentermine	150.1 → 65.2	8/13/2018 5:38 PM					150.1 → 133...								Phentermine-D5	155.2 → 96.2	4.990	749	
Promethazine	285.1 → 86.2	8/13/2018 5:38 PM					285.1 → 71.3								Promethazine-D3	288.2 → 89.2	6.345	3488	
Quetiapine	384.2 → 253...	8/13/2018 5:38 PM					384.2 → 221...								Quetiapine-D8	392.2 → 226...			
Sertraline	306.1 → 158...	8/13/2018 5:38 PM					306.1 → 275...								Sertraline-D3	309.1 → 275...	6.464	2707	
Temazepam	301.1 → 255...	8/13/2018 5:38 PM					301.1 → 283...								Temazepam-D5	306.1 → 260...	6.445	597	
Tramadol	264.2 → 58.3	8/13/2018 5:38 PM					264.2 → 43.3								Tramadol-13C-D3	268.2 → 58.3	5.267	2832	
Trazodone	372.2 → 176...	8/13/2018 5:38 PM					372.2 → 148...								Trazodone-D6	378.2 → 182...	6.518	1466	

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Compound Method		p1 external control re...		p1 external control re...		Qualifier 1 M...		Qualifier 1 F...		ISID Method		ISID Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/13/2018 5:38 PM				<input type="checkbox"/>	278.2 -> 260...			<input type="checkbox"/>	Venlafaxine-D6	284.2 -> 64.3	5.633	400
Zolpidem	308.2 -> 235...	8/13/2018 5:38 PM				<input type="checkbox"/>	308.2 -> 263...			<input type="checkbox"/>	Zolpidem-D6	314.2 -> 235...	6.014	2100
Mirtazapine	399.2 -> 174...	8/13/2018 5:38 PM				<input type="checkbox"/>	399.2 -> 238...			<input type="checkbox"/>	Quetiapine-D8	392.2 -> 226...		

Sample volume was insufficient. Sample was reconstituted and re-injected 8/14/18.

Compound Method			p1 external control rei...			p1 external control re...			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...	8/14/2018 10:20 AM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.790	180394					
7-aminoclonazepam	286.1 -> 121...	8/14/2018 10:20 AM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.365	166614					
Benzoyllecgonine	290.1 -> 168...	8/14/2018 10:20 AM					290.1 -> 105...				Benzoyllecgonine-D8	298.2 -> 171...	5.119	17426					
alpha-hydroxylprazolam	325.1 -> 297...	8/14/2018 10:20 AM					325.1 -> 215...				alpha-hydroxylprazolam-D5	330.1 -> 302...	6.256	213202					
alpha-PVP	232.2 -> 91.0	8/14/2018 10:20 AM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.373	28837...					
Alprazolam	309.1 -> 281...	8/14/2018 10:20 AM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.341	24674...					
Amphetamine	136.1 -> 182...	8/14/2018 10:20 AM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.647	374237					
Cocaine	304.2 -> 184...	8/14/2018 10:20 AM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.402	18620...					
Bupropion	240.1 -> 184...	8/14/2018 10:20 AM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.557	167521					
Carisoprodol	261.2 -> 176...	8/14/2018 10:20 AM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.962	257281					
Citalopram	325.2 -> 109...	8/14/2018 10:20 AM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.930	17226...					
Clonazepam	316.1 -> 269...	8/14/2018 10:20 AM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.197	70384...					
Codeine	300.2 -> 215...	8/14/2018 10:20 AM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.630	190967					
Cyclobenzaprine	276.2 -> 214...	8/14/2018 10:20 AM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.224	20215...					
Dextromethorphan	272.2 -> 171...	8/14/2018 10:20 AM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	5.940	12532...					
Dextropropion	258.2 -> 157...	8/14/2018 10:20 AM					258.2 -> 133...				Dextropropion-D3	261.2 -> 157...	5.269	14827...					
Diazepam	285.1 -> 193...	8/14/2018 10:20 AM	6.610	28129	Infinity	Infinity	285.1 -> 153...	43622...	5943...	Infinity	Diazepam-D5	290.1 -> 198...	6.609	10551...					
Dihydrocodeine	302.2 -> 198...	8/14/2018 10:20 AM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.570	723808					
Diphenhydramine	256.2 -> 167...	8/14/2018 10:20 AM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.862	51040...					
Doxylamine	271.2 -> 182...	8/14/2018 10:20 AM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.450	67015...					
EDDP	279.2 -> 235...	8/14/2018 10:20 AM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.878	524020					
Fentanyl	337.2 -> 105...	8/14/2018 10:20 AM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.950	49095...					
Fluoxetine	310.1 -> 44.3	8/14/2018 10:20 AM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.156	78106...					
Hydrocodone	300.2 -> 198...	8/14/2018 10:20 AM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.873	818462					
Hydromorphone	286.2 -> 184...	8/14/2018 10:20 AM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	4.274	399065					
Ketamine	238.1 -> 125...	8/14/2018 10:20 AM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.271	28785...					
Metoprolol	268.2 -> 116...	8/14/2018 10:20 AM	5.307	16081	258859	Infinity	268.2 -> 56.3	17581...	6759...	Infinity	Carisoprodol-D7	268.2 -> 183...	5.962	257281					
Mirtazapine	266.2 -> 195...	8/14/2018 10:20 AM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.962	257281					
Meprobamate	219.1 -> 158...	8/14/2018 10:20 AM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.415	33059					
Methadone	310.2 -> 265...	8/14/2018 10:20 AM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.177	36258...					
Methamphetamine	150.1 -> 91.1	8/14/2018 10:20 AM	4.930	327590	1.58	1.58	150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	4.828	14428...					
Morphine	286.2 -> 201...	8/14/2018 10:20 AM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.031	22935					
Norbuprenorphine	414.3 -> 101...	8/14/2018 10:20 AM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.744	51423					
Nordiazepam	271.1 -> 140...	8/14/2018 10:20 AM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.429	384285					
Norfentanyl	233.2 -> 84.2	8/14/2018 10:20 AM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.129	43179...					
Norhydrocodone	286.2 -> 199...	8/14/2018 10:20 AM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.818	335855					
Noroxycodone	302.1 -> 284...	8/14/2018 10:20 AM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.732	825407					
O-desmethyl-trama...	250.2 -> 58.3	8/14/2018 10:20 AM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.702	35932...					
Oxazepam	287.1 -> 240...	8/14/2018 10:20 AM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.263	267027					
Oxycodone	316.2 -> 298...	8/14/2018 10:20 AM	4.751	37637	Infinity	Infinity	316.2 -> 241...	839748	37.58	Infinity	Oxycodone-D6	322.2 -> 304...	4.730	11827...					
Oxymorphone	302.1 -> 284...	8/14/2018 10:20 AM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.086	534418					
Phentermine	150.1 -> 65.2	8/14/2018 10:20 AM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	4.929	14924...					
Promethazine	285.1 -> 86.2	8/14/2018 10:20 AM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.222	44237...					
Quetiapine	384.2 -> 253...	8/14/2018 10:20 AM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.192	11824...					
Sertraline	306.1 -> 158...	8/14/2018 10:20 AM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.444	25049...					
Temazepam	301.1 -> 255...	8/14/2018 10:20 AM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.425	29238...					
Tramadol	264.2 -> 58.3	8/14/2018 10:20 AM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.246	80343...					
Trazodone	372.2 -> 176...	8/14/2018 10:20 AM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.518	38255...					

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Compound Method		p1 external control re...		p1 external control reinject2 Re...		Qualifier 1 M...		Qualifier 1 Results		SID Method		ISTD Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	ML	Transition	Area	S/N	ML	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/14/2018 10:20 AM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.613	49638...
Zolpidem	308.2 -> 235...	8/14/2018 10:20 AM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	6.014	82306...
Mirtagynine	399.2 -> 174...	8/14/2018 10:20 AM					399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	6.192	11824...

Compound Method			ISTD Results			p2 cal 1b			p2 cal 1b Results			Qualifier 1 Met...			Qualifier 1 Results			iSTD Method		
Name	Transition	RT	Resp.	MI	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition					
7-aminoflunitrazepam	284.1 -> 135...	5.540	2106607		8/13/2018 11:47...	5.562	521193	Infinity		284.1 -> 93.2	53210	813.41		7-aminoflunitraz...	291.2 -> 138.1					
Acetyl Fentanyl	323.2 -> 105...	5.739	4498696		8/13/2018 11:47...	5.760	71314	68.56		323.2 -> 188.0	25217	149.42		Acetyl Fentanyl...	328.2 -> 105.1					
Acetyl Norfentanyl	219.1 -> 84.2	4.653	2748068		8/13/2018 11:47...	4.655	51086	19629.93		219.1 -> 56.3	17942	74.05		Acetyl Norfentan...	224.2 -> 84.2					
alpha-hydroxymidaz...	342.1 -> 324...	6.346	2222630		8/13/2018 11:47...	6.346	341955	101.64		342.1 -> 203.0	183169	691.75		alpha-hydroxymi...	346.1 -> 328.1					
Amitriptyline	278.2 -> 91.2	6.293	3053638		8/13/2018 11:47...	6.274	1292896	Infinity		278.2 -> 105.1	410783	Infinity		Amitriptyline-D3	281.2 -> 91.2					
Carbamazepine	237.1 -> 193...	5.994	9296999		8/13/2018 11:47...	5.996	220137	Infinity		237.1 -> 194.0	14974...	84.34		Carbamazepine...	243.1 -> 200.1					
Chlordiazepoxide	300.1 -> 272...	6.494	2220613		8/13/2018 11:47...	6.494	92247	44614.31		300.1 -> 282.7	167453	79256.60		Chlordiazepoxid...	305.1 -> 286.1					
Desipramine	267.2 -> 72.3	6.236	110211...		8/13/2018 11:47...	6.256	1730433	22.04		267.2 -> 44.3	782967	95.59		Desipramine-D3	270.2 -> 75.3					
Doxepin	280.2 -> 107...	6.049	963631		8/13/2018 11:47...	6.050	319954	8.53		280.2 -> 77.2	193774	14.60		Doxepin-D3	283.2 -> 107.1					
Estazolam	295.1 -> 267...	6.271	3515153		8/13/2018 11:47...	6.292	553074	209.35		295.1 -> 205.0	193774	65839.44		Estazolam-D5	300.1 -> 272.0					
Flunitrazepam	314.1 -> 268...	6.329	203913		8/13/2018 11:47...	6.349	562255	97.65		314.1 -> 239.0	160769	42078.97		Flunitrazepam-D7	321.1 -> 245.6					
Flurazepam	388.2 -> 315...	5.918	702144		8/13/2018 11:47...	6.000	889774	184503.37		388.2 -> 317.0	110279	19169.77		Zopiclone-D4	393.1 -> 244.9					
Imipramine	281.2 -> 86.2	6.252	7179851		8/13/2018 11:47...	6.273	1895926	Infinity		281.2 -> 58.3	10408...	Infinity		Imipramine-D3	284.2 -> 61.3					
Levamisole	205.1 -> 91.2	5.024	141719		8/13/2018 11:47...	4.941	291902	6.59		205.1 -> 178.0	263608	8.77		MDMA-D6	200.2 -> 166.0					
Maprotiline	278.2 -> 91.2	5.442	2070739		8/13/2018 11:47...	5.887	1001237	Infinity		278.2 -> 117.1	10617	6186.04		Meperidine-D4	252.2 -> 224.0					
MDA	180.1 -> 163...	4.903	602521		8/13/2018 11:47...	4.904	180593	7.52		180.1 -> 105.1	99083	9.36		MDA-D5	185.1 -> 168.0					
MDEA	208.1 -> 163...	5.185	3113881		8/13/2018 11:47...	5.185	695984	7.49		208.1 -> 105.1	363970	22.05		MDEA-D6	214.2 -> 166.0					
MDMA	194.1 -> 163...	5.024	141719		8/13/2018 11:47...	5.045	400214	120249.42		194.1 -> 105.1	250699	18.72		MDMA-D6	200.2 -> 166.0					
Meperidine	248.2 -> 220...	5.442	2070739		8/13/2018 11:47...	5.443	327609	123861.11		248.2 -> 174.0	264540	2398.17		Meperidine-D4	252.2 -> 224.0					
Methylphenidate	234.2 -> 84.2	5.442	2070739		8/13/2018 11:47...	5.345	1972804	Infinity		234.2 -> 56.3	431372	Infinity		Meperidine-D4	252.2 -> 224.0					
Midazolam	326.1 -> 223...	6.490	3177990		8/13/2018 11:47...	6.490	179284	1352.72		326.1 -> 249.0	268451	1218.71		Midazolam-D4	330.1 -> 295.1					
Normeperidine	234.1 -> 42.3	5.445	2352338		8/13/2018 11:47...	5.447	405630	35.71		234.1 -> 160.0	318858	5048.62		Normeperidine...	238.2 -> 164.0					
Nortriptyline	264.2 -> 91.2	6.276	2990858		8/13/2018 11:47...	6.196	2464985	Infinity		264.2 -> 233.0	21982...	Infinity		Nortriptyline-D3	267.2 -> 233.0					
Phenazepam	349.0 -> 206...	6.385	71623		8/13/2018 11:47...	6.406	176636	43448.48		349.0 -> 183.8	136609	347.02		Phenazepam-D4	353.0 -> 183.9					
Phencyclidine	244.2 -> 86.2	5.728	4028061		8/13/2018 11:47...	5.749	529714	428397.27		244.2 -> 91.1	571920	38.93		Phencyclidine-D5	249.2 -> 86.2					
Phenytol	253.1 -> 104...	5.890	72130		8/13/2018 11:47...	5.890	17479	50.07		253.1 -> 182.0	4429	41.13		Phenytol-D10	263.2 -> 192.1					
Pseudoephedrine	166.1 -> 148...	4.401	3143876		8/13/2018 11:47...	4.402	7629101	60.13		166.1 -> 133.1	16168...	64.42		Pseudoephedrin...	169.1 -> 151.1					
Sufentanil	387.2 -> 238...	6.242	5215553		8/13/2018 11:47...	6.263	97227	133604.91		387.2 -> 111.0	64840	147.40		Sufentanil-D5	392.2 -> 238.0					
Tapentadol	222.2 -> 107...	5.265	4150447		8/13/2018 11:47...	5.266	871633	196.85		222.2 -> 121.0	418853	163.33		Tapentadol-D3	225.2 -> 107.0					
Zaleplon	306.1 -> 236...	6.127	1470084		8/13/2018 11:47...	6.127	451156	250.84		306.1 -> 264.0	482930	115256...		Zaleplon-D4	310.2 -> 240.0					
Zopiclone	389.1 -> 244...	5.918	702144		8/13/2018 11:47...	5.938	53491	109.83		389.1 -> 216.9	16067	53.20		Zopiclone-D4	393.1 -> 244.9					

Compound Method			p2 negative			p2 negative Results			Qualifier 1 R...			ISTD Method			ISTD Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MJ	Transition	Area	S/N	MJ	Name	Transition	RT	Resp.	MJ		
7-aminoflunitrazepam	284.1 -> 135...	8/13/2018 12:06 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.540	2379205			
Acetyl Fentanyl	323.2 -> 105...	8/13/2018 12:06 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.739	5391152			
Acetyl Norfentanyl	219.1 -> 84.2	8/13/2018 12:06 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.653	2969723			
alpha-hydroxymidazolam	342.1 -> 324...	8/13/2018 12:06 PM					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328...	6.346	2228900			
Amitriptyline	278.2 -> 91.2	8/13/2018 12:06 PM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.293	3443959			
Carbamazepine	237.1 -> 193...	8/13/2018 12:06 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.994	9987663			
Chlordiazepoxide	300.1 -> 227...	8/13/2018 12:06 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.494	2292937			
Desipramine	267.2 -> 72.3	8/13/2018 12:06 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.256	120507...			
Doxepin	280.2 -> 107...	8/13/2018 12:06 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	6.049	1237004			
Estazolam	295.1 -> 267...	8/13/2018 12:06 PM	6.598	3076	920.22		295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.271	4039943			
Flunitrazepam	314.1 -> 268...	8/13/2018 12:06 PM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.329	259902			
Flurazepam	388.2 -> 315...	8/13/2018 12:06 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.938	892224			
Imipramine	281.2 -> 86.2	8/13/2018 12:06 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.273	8353908			
Levamisole	205.1 -> 91.2	8/13/2018 12:06 PM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	5.024	171607			
Maprotiline	278.2 -> 91.2	8/13/2018 12:06 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.442	2341880			
MDA	180.1 -> 163...	8/13/2018 12:06 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.883	662972			
MDEA	208.1 -> 163...	8/13/2018 12:06 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.185	3391513			
MDMA	194.1 -> 163...	8/13/2018 12:06 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	5.024	171607			
Meperidine	248.2 -> 220...	8/13/2018 12:06 PM					248.2 -> 174...				Meperidine-D4	252.2 -> 224...	5.442	2341880			
Methylphenidate	234.2 -> 84.2	8/13/2018 12:06 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.442	2341880			
Midazolam	326.1 -> 223...	8/13/2018 12:06 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.490	3428890			
Normeperidine	234.1 -> 42.3	8/13/2018 12:06 PM					234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.445	2721723			
Nortriptyline	264.2 -> 91.2	8/13/2018 12:06 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.276	3465537			
Phenazepam	349.0 -> 206...	8/13/2018 12:06 PM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.385	74571			
Phencyclidine	244.2 -> 86.2	8/13/2018 12:06 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.728	4388318			
Phenytol	253.1 -> 104...	8/13/2018 12:06 PM					253.1 -> 182...				Phenytol-D10	263.2 -> 192...	5.890	80090			
Pseudoephedrine	166.1 -> 148...	8/13/2018 12:06 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.401	3216808			
Sufentanil	387.2 -> 238...	8/13/2018 12:06 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.222	5795457			
Tapentadol	222.2 -> 107...	8/13/2018 12:06 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.265	4377257			
Zaleplon	306.1 -> 236...	8/13/2018 12:06 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.127	1642133			
Zopiclone	389.1 -> 244...	8/13/2018 12:06 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.938	892224			

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.	MI					
7-aminoflunitrazepam	284.1 -> 135...	8/13/2018 12:26 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.540	2367511						
Acetyl Fentanyl	323.2 -> 105...	8/13/2018 12:26 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.760	5752370						
Acetyl Norfentanyl	219.1 -> 84.2	8/13/2018 12:26 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.653	2967443						
alpha-hydroxymidaz...	342.1 -> 324...	8/13/2018 12:26 PM					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328...	6.346	2195663						
Amitriptyline	278.2 -> 91.2	8/13/2018 12:26 PM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.293	3340248						
Carbamazepine	237.1 -> 193...	8/13/2018 12:26 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.994	9768869						
Chlordiazepoxide	300.1 -> 227...	8/13/2018 12:26 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.494	2160256						
Desipramine	267.2 -> 72.3	8/13/2018 12:26 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.256	115877...						
Doxepin	280.2 -> 107...	8/13/2018 12:26 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	6.049	991003						
Estazolam	295.1 -> 267...	8/13/2018 12:26 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.271	3653646						
Flunitrazepam	314.1 -> 268...	8/13/2018 12:26 PM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.329	277745						
Flurazepam	388.2 -> 315...	8/13/2018 12:26 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.918	843068						
Imipramine	281.2 -> 86.2	8/13/2018 12:26 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.252	8013673						
Levamisole	205.1 -> 91.2	8/13/2018 12:26 PM	5.349	13537	0.95		205.1 -> 178...				MDMA-D6	200.2 -> 166...	5.004	154860						
Maprotiline	278.2 -> 91.2	8/13/2018 12:26 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.442	2250374						
MDA	180.1 -> 163...	8/13/2018 12:26 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.903	647476						
MDEA	208.1 -> 163...	8/13/2018 12:26 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.164	3342290						
MDMA	194.1 -> 163...	8/13/2018 12:26 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	5.004	154860						
Meperidine	248.2 -> 220...	8/13/2018 12:26 PM	5.443	4094495	140.19		248.2 -> 174...	33629...	89.35		Meperidine-D4	252.2 -> 224...	5.442	2250374						
Methylphenidate	234.2 -> 84.2	8/13/2018 12:26 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.442	2250374						
Midazolam	326.1 -> 223...	8/13/2018 12:26 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.490	3319402						
Normeperidine	234.1 -> 42.3	8/13/2018 12:26 PM	5.162	69757	6.16		234.1 -> 160...	6432	3193...		Normeperidine-D4	238.2 -> 164...	5.445	2648830						
Nortriptyline	264.2 -> 91.2	8/13/2018 12:26 PM					264.2 -> 233...				Normeperidine-D3	267.2 -> 233...	6.276	3308923						
Phenazepam	349.0 -> 206...	8/13/2018 12:26 PM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.385	65712						
Phencyclidine	244.2 -> 86.2	8/13/2018 12:26 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.728	4131243						
Phenytol	253.1 -> 104...	8/13/2018 12:26 PM					253.1 -> 182...				Phenytol-D10	263.2 -> 192...	5.869	76711						
Pseudoephedrine	166.1 -> 148...	8/13/2018 12:26 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.401	3586060						
Sufentanil	387.2 -> 238...	8/13/2018 12:26 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.222	5405283						
Tapentadol	222.2 -> 107...	8/13/2018 12:26 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.265	4178827						
Zaleplon	306.1 -> 236...	8/13/2018 12:26 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.127	1504342						
Zopiclone	389.1 -> 244...	8/13/2018 12:26 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.918	843068						