




















AM 7 Central File available upon request.

P

9/10/2018

P

Worklist: 2683

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-4077	1	124069	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4101	1	124236	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4176	3	124961	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4281	2	125266	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4309	1	125189	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4309	2	125193	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4309	3	125197	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2398	1	124947	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2399	1	124955	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2406	1	125018	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2413	1	125042	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2423	3	125969	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2425	1	125249	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2430	1	125269	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2433	1	125275	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2442	1	125298	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2443	1	125301	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2479	1	125559	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2483	1	125661	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2499	1	125774	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2505	1	125807	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2506	1	125810	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2508	1	125821	AM 25 Blood Multi-Drug Screen by LC-QQQ	

P

Worklist: 2683

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
P2018-2509	1	125830	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-2589	1	126336	AM 25 Blood Multi-Drug Screen by LC-QQQ



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

D

Extraction Date: 09/11/18

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 00.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100µL 100% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Open quantitation software and create a new quantitation batch.
Batch Name: 091118 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:



Idaho State Police Forensic Services

D

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

Analyst: Sarah Pickle
Extraction Date: 09/11/18
Worklist Number: 2683

<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	08/28/18		
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)	091118		09/11/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	082118		08/21/18		
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		

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: 082818)

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

10mM Ammonium Formate in LCMS Water (Mobile Phase A) (Lot: 091118)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	181370
Prepared:	09/11/18	
Prepared By:	Sarah Pickle	

0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 082118)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	08/21/18	
Prepared By:	Tamara Salazar	

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

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

B

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...	9/11/2018 11:24 AM	4.955	4742	1176.19	328.2 -> 211...	1852	7.08	6-MAM-D6	334.2 -> 165...	4.894	355204							
7-aminoclonazepam	286.1 -> 121...	9/11/2018 11:24 AM	5.389	187062	22873.31	286.1 -> 222...	50074	6359.44	7-Aminoclonazepam...	290.1 -> 121...	5.368	724733							
Benzoyllecgonine	290.1 -> 168...	9/11/2018 11:24 AM	5.163	125932	12460.21	290.1 -> 105...	66787	12434.30	Benzoyllecgonine-D8	298.2 -> 171...	5.143	25889							
a-hydroxyalprazolam	325.1 -> 297...	9/11/2018 11:24 AM	6.280	54973	7606.61	325.1 -> 215...	14741	1750.67	a-hydroxyalprazolam...	330.1 -> 302...	6.258	342065							
alpha-PVP	232.2 -> 91.0	9/11/2018 11:24 AM	5.479	577433	70481.90	232.2 -> 77.1	300031	Infinity	alpha-PVP-d8	240.2 -> 91.1	5.457	4714290							
Alprazolam	309.1 -> 281...	9/11/2018 11:24 AM	6.366	825276	124393.90	309.1 -> 205...	285319	38768.01	Alprazolam-D5	314.1 -> 286...	6.364	2730274							
Amphetamine	136.1 -> 91.1	9/11/2018 11:24 AM	4.791	1606780	43.06	136.1 -> 119...	373597	7.56	Amphetamine-D11	147.2 -> 130...	4.750	189342							
Cocaine	304.2 -> 182...	9/11/2018 11:24 AM	5.488	1007440	343178.75	304.2 -> 105...	157296	36.59	Cocaine-D3	307.2 -> 185...	5.467	2232001							
Bupropion	240.1 -> 184...	9/11/2018 11:24 AM	6.027	448151	22706.54	240.1 -> 131...	555379	70716.05	Bupropion-D9	249.2 -> 185...	5.641	810827							
Carisoprodol	261.2 -> 176...	9/11/2018 11:24 AM	6.027	8014	2300.81	261.2 -> 55.3	344212	Infinity	Carisoprodol-D7	268.2 -> 183...	5.964	397575							
Citalopram	325.2 -> 109...	9/11/2018 11:24 AM	6.015	1297902	67134.89	325.2 -> 262...	216002	12682.62	Citalopram-D6	331.2 -> 109...	6.034	2145349							
Clonazepam	316.1 -> 269...	9/11/2018 11:24 AM	6.220	159914	20810.40	316.1 -> 213...	28253	202.44	Clonazepam-D4	320.1 -> 217...	6.220	153504							
Codeine	300.2 -> 215...	9/11/2018 11:24 AM	4.818	60851	15307.92	300.2 -> 165...	64599	Infinity	Codeine-D6	306.2 -> 218...	4.796	223966							
Cyclobenzaprine	276.2 -> 214...	9/11/2018 11:24 AM	6.309	546663	Infinity	276.2 -> 231...	112551	Infinity	Cyclobenzaprine-D3	279.2 -> 215...	6.329	2938066							
Dextromethorphan	272.2 -> 171...	9/11/2018 11:24 AM	6.044	702140	42260.55	272.2 -> 147...	667474	42879.83	Dextromethorphan-D3	275.2 -> 171...	6.044	2266501							
Dextropropion	258.2 -> 157...	9/11/2018 11:24 AM	5.353	410609	173.47	258.2 -> 133...	380793	10.97	Dextropropion-D3	261.2 -> 157...	5.352	1935069							
Diazepam	285.1 -> 193...	9/11/2018 11:24 AM	6.612	377296	972.37	285.1 -> 153...	581633	73071.01	Diazepam-D5	290.1 -> 198...	6.611	1569854							
Dihydrocodeine	302.2 -> 198...	9/11/2018 11:24 AM	4.694	137506	23.03	302.2 -> 128...	175945	59.01	Dihydrocodeine-D6	308.2 -> 202...	4.693	1039677							
Diphenhydramine	256.2 -> 167...	9/11/2018 11:24 AM	5.926	841433	123093.00	256.2 -> 152...	509725	54669.29	Diphenhydramine-D3	259.2 -> 167...	5.946	8394513							
Doxylamine	271.2 -> 182...	9/11/2018 11:24 AM	5.536	624436	1740.65	271.2 -> 167...	11698	3987.74	Doxylamine-D5	286.2 -> 187...	5.515	9363958							
EDDP	279.2 -> 235...	9/11/2018 11:24 AM	5.942	2606402	297313.34	279.2 -> 250...	12970	165263...	EDDP-D3	276.2 -> 235...	5.941	1143753							
Fentanyl	337.2 -> 105...	9/11/2018 11:24 AM	6.156	72498	Infinity	337.2 -> 188...	30139	Infinity	Fentanyl-D5	342.3 -> 105...	6.094	7940863							
Fluoxetine	310.1 -> 44.3	9/11/2018 11:24 AM	6.222	2650246	583210.87	310.1 -> 148...	49063	3953.57	Fluoxetine-D6	316.2 -> 44.3	6.200	11785068							
Hydrocodone	300.2 -> 198...	9/11/2018 11:24 AM	5.021	205126	Infinity	300.2 -> 128...	161685	Infinity	Hydrocodone-D6	306.2 -> 202...	4.998	1417154							
Hydromorphone	286.2 -> 184...	9/11/2018 11:24 AM	4.498	99336	Infinity	286.2 -> 157...	153344	Infinity	Hydromorphone-D6	292.2 -> 185...	4.456	602293							
Ketamine	238.1 -> 125...	9/11/2018 11:24 AM	5.437	1079193	1264.55	238.1 -> 220...	240660	25.73	Ketamine-D4	242.1 -> 129...	5.416	4577031							
Metoprolol	268.2 -> 116...	9/11/2018 11:24 AM	5.433	158889	20376.20	268.2 -> 56.3	198678	19732.51	Carisoprodol-D7	268.2 -> 183...	5.964	397575							
Mirtazapine	266.2 -> 195...	9/11/2018 11:24 AM	5.904	1208103	90317.99	266.2 -> 72.3	747932	73902.32	Carisoprodol-D7	268.2 -> 183...	5.964	397575							
Meprobamate	219.1 -> 158...	9/11/2018 11:24 AM	5.438	115428	82863.81	219.1 -> 97.1	39804	57.37	Meprobamate-D7	226.2 -> 165...	5.438	42963							
Methadone	310.2 -> 265...	9/11/2018 11:24 AM	6.221	1838023	107406.42	310.2 -> 105...	11514	73510.19	Methadone-D9	319.3 -> 268...	6.220	5747518							
Methamphetamine	150.1 -> 91.1	9/11/2018 11:24 AM	4.952	1137502	12.38	150.1 -> 119...	219843	8.09	Methamphetamine-D...	161.2 -> 97.1	4.931	2269781							
Morphine	286.2 -> 201...	9/11/2018 11:24 AM	4.256	38510	43.03	286.2 -> 165...	42832	94.58	Morphine-D6	292.2 -> 152...	4.215	87484							
Norbuprenorphine	414.3 -> 101...	9/11/2018 11:24 AM	5.848	21382	Infinity	414.3 -> 57.3	14306	1217.60	Norbuprenorphine-D3	417.3 -> 101...	5.828	74596							
Nordiazepam	271.1 -> 140...	9/11/2018 11:24 AM	6.453	197050	29900.82	271.1 -> 208...	46206	1734.11	Nordiazepam-D5	276.1 -> 140...	6.452	581192							
Norfentanyl	233.2 -> 84.2	9/11/2018 11:24 AM	5.193	1601422	246129.40	233.2 -> 55.3	470224	Infinity	Norfentanyl-D5	238.2 -> 84.2	5.193	7036243							
Norhydrocodone	286.2 -> 199...	9/11/2018 11:24 AM	4.962	36296	Infinity	286.2 -> 171...	5866	806.30	Norhydrocodone-D3	289.2 -> 202...	4.942	453922							
Noroxycodone	302.1 -> 284...	9/11/2018 11:24 AM	4.838	171471	5.60	302.1 -> 186...	52734	5870.73	Noroxycodone-D3	305.2 -> 287...	4.837	1014360							
O-desmethyl-tramadol	250.2 -> 58.3	9/11/2018 11:24 AM	4.786	2004374	40.75	250.2 -> 42.3	45234	10311.47	O-desmethyl-tramad...	256.2 -> 64.3	4.786	6103203							
Oxazepam	287.1 -> 240...	9/11/2018 11:24 AM	6.286	83291	33413.59	287.1 -> 268...	68520	3.46	Oxazepam-D5	292.1 -> 246...	6.265	378997							
Oxycodone	316.2 -> 298...	9/11/2018 11:24 AM	4.875	648622	56.02	316.2 -> 241...	137326	24496.07	Oxycodone-D6	322.2 -> 304...	4.834	1439295							
Oxymorphone	302.1 -> 284...	9/11/2018 11:24 AM	4.251	547321	Infinity	302.1 -> 227...	66378	20.77	Oxymorphone-D3	305.2 -> 287...	4.249	2683235							
Phentermine	150.1 -> 65.2	9/11/2018 11:24 AM	5.053	282341	10.20	150.1 -> 133...	8962	Infinity	Phentermine-D5	155.2 -> 96.2	5.033	2522746							
Promethazine	285.1 -> 86.2	9/11/2018 11:24 AM	6.369	1693787	115734.60	285.1 -> 71.3	354025	21817.54	Promethazine-D3	288.2 -> 89.2	6.368	9404156							
Quetiapine	384.2 -> 253...	9/11/2018 11:24 AM	6.378	2036590	212288.02	384.2 -> 221...	827810	18.45	Quetiapine-D8	392.2 -> 226...	6.316	1951987							
Sertraline	306.1 -> 158...	9/11/2018 11:24 AM	6.548	746832	Infinity	306.1 -> 275...	354058	25645.74	Sertraline-D3	309.1 -> 275...	6.568	3181194							
Temazepam	301.1 -> 255...	9/11/2018 11:24 AM	6.427	588844	Infinity	301.1 -> 283...	271460	52.70	Temazepam-D5	306.1 -> 260...	6.427	4215987							
Tramadol	264.2 -> 58.3	9/11/2018 11:24 AM	5.311	2646753	309.98	264.2 -> 43.3	44724	784.93	Tramadol-13C-D3	268.2 -> 58.3	5.310	11233526							
Trazodone	372.2 -> 176...	9/11/2018 11:24 AM	6.824	1942643	28.26	372.2 -> 148...	22121	22.91	Trazodone-D6	378.2 -> 182...	6.823	7699086							

Compound Name	Transition	p1 cal. 1a		p1 cal 1a Results			Qualifier 1 Results			ISTD, Method		ISTD Results	
		Acq. Date-Time	RT	Resp.	S/N	MI	Area	S/N	JML	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	9/11/2018 11:24 AM	5.657	2087777	63.41	204800	26143.37	278.2 -> 260...	Venlafaxine-D6	284.2 -> 64.3	5.656	4489117	
Zolpidem	308.2 -> 235...	9/11/2018 11:24 AM	6.182	1824565	185221.69	591533	1118.96	308.2 -> 263...	Zolpidem-D6	314.2 -> 235...	6.160	12766905	
Mitragynine	399.2 -> 174...	9/11/2018 11:24 AM	6.113	468894	33171.11	63845	6227.11	399.2 -> 238...	Quetiapine-D8	392.2 -> 226...	6.316	1951987	

Compound Method			p1 external control			p1 external control Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.					
6-MAM	328.2 -> 165...	9/11/2018 12:03 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.874	290007					
7-aminoclonazepam	286.1 -> 121...	9/11/2018 12:03 PM					286.1 -> 222...				7-Aminoclonazepam-	290.1 -> 121...	5.368	823262					
Benzoyllecgonine	290.1 -> 168...	9/11/2018 12:03 PM					290.1 -> 105...				Benzoyllecgonine-D8	298.2 -> 171...	5.163	15737					
a-hydroxyalprazolam	325.1 -> 297...	9/11/2018 12:03 PM					325.1 -> 215...				a-hydroxyalprazolam-	330.1 -> 302...	6.279	328924					
alpha-PVP	232.2 -> 91.0	9/11/2018 12:03 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.477	4062672					
Alprazolam	309.1 -> 281...	9/11/2018 12:03 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.364	2518582					
Amphetamine	136.1 -> 91.1	9/11/2018 12:03 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.730	224725					
Cocaine	304.2 -> 182...	9/11/2018 12:03 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.488	1994968					
Bupropion	240.1 -> 184...	9/11/2018 12:03 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.661	687158					
Carisoprodol	261.2 -> 176...	9/11/2018 12:03 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.964	338292					
Citalopram	325.2 -> 109...	9/11/2018 12:03 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.034	1863469					
Clonazepam	316.1 -> 269...	9/11/2018 12:03 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.220	138935					
Codeine	300.2 -> 215...	9/11/2018 12:03 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.775	275684					
Cyclobenzaprine	276.2 -> 214...	9/11/2018 12:03 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.329	2304667					
Dextromethorphan	272.2 -> 171...	9/11/2018 12:03 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.044	1997756					
Dextropropion	258.2 -> 157...	9/11/2018 12:03 PM					258.2 -> 133...				Dextropropion-D3	261.2 -> 157...	5.352	1480111					
Diazepam	285.1 -> 193...	9/11/2018 12:03 PM	6.632	3678891	217.62		285.1 -> 153...	56393...	142484...		Diazepam-D5	290.1 -> 198...	6.611	1129753					
Dihydrocodeine	302.2 -> 198...	9/11/2018 12:03 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.672	866964					
Diphenhydramine	256.2 -> 167...	9/11/2018 12:03 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.946	6741241					
Doxylamine	271.2 -> 182...	9/11/2018 12:03 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.515	8040210					
EDDP	279.2 -> 235...	9/11/2018 12:03 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.941	903513					
Fentanyl	337.2 -> 105...	9/11/2018 12:03 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.115	5964424					
Fluoxetine	310.1 -> 44.3	9/11/2018 12:03 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.220	9677126					
Hydrocodone	300.2 -> 198...	9/11/2018 12:03 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.998	1236394					
Hydromorphone	286.2 -> 184...	9/11/2018 12:03 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	4.395	530036					
Ketamine	238.1 -> 125...	9/11/2018 12:03 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.416	3715324					
Metoprolol	268.2 -> 116...	9/11/2018 12:03 PM	5.412	2354264	3331.06		268.2 -> 56.3	23535...	333.40		Carisoprodol-D7	268.2 -> 183...	5.964	338292					
Mirtazapine	266.2 -> 195...	9/11/2018 12:03 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.964	338292					
Meprobamate	219.1 -> 158...	9/11/2018 12:03 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.438	40160					
Methadone	310.2 -> 265...	9/11/2018 12:03 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.240	4928640					
Methamphetamine	150.1 -> 91.1	9/11/2018 12:03 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	4.911	2176682					
Morphine	286.2 -> 201...	9/11/2018 12:03 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.153	81350					
Norbuprenorphine	414.3 -> 101...	9/11/2018 12:03 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.848	75480					
Nordiazepam	271.1 -> 140...	9/11/2018 12:03 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.452	527033					
Norfentanyl	233.2 -> 84.2	9/11/2018 12:03 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.193	5519804					
Norhydrocodone	286.2 -> 199...	9/11/2018 12:03 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.922	444387					
Noroxycodone	302.1 -> 284...	9/11/2018 12:03 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.816	887989					
O-desmethyl-tramadol	250.2 -> 58.3	9/11/2018 12:03 PM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.765	5195170					
Oxazepam	287.1 -> 240...	9/11/2018 12:03 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.265	470540					
Oxycodone	316.2 -> 298...	9/11/2018 12:03 PM	4.855	4588431	34.35		316.2 -> 241...	10629...	Infinity		Oxycodone-D6	322.2 -> 304...	4.834	1313574					
Oxymorphone	302.1 -> 284...	9/11/2018 12:03 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.188	1663763					
Phentermine	150.1 -> 65.2	9/11/2018 12:03 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	5.013	2113462					
Promethazine	384.2 -> 253...	9/11/2018 12:03 PM	6.348	11955	1223.49		384.2 -> 71.3				Promethazine-D3	392.2 -> 89.2	6.368	8130811					
Quetiapine	306.1 -> 158...	9/11/2018 12:03 PM					306.1 -> 275...				Quetiapine-D8	309.1 -> 275...	6.567	1655321					
Seftalene	301.1 -> 255...	9/11/2018 12:03 PM					301.1 -> 283...				Seftalene-D3	306.1 -> 260...	6.427	3678662					
Temazepam	264.2 -> 58.3	9/11/2018 12:03 PM					264.2 -> 43.3				Temazepam-D5	268.2 -> 58.3	5.310	10070802					
Tramadol	372.2 -> 176...	9/11/2018 12:03 PM					372.2 -> 148...				Tramadol-13C-D3	378.2 -> 182...	6.905	6034014					
Trazodone											Trazodone-D6								

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	ML	Transition	Area	S/N	ML	Name	Transition	RT	Resp.	
Venlafaxine	278.2 -> 58.3	9/11/2018 12:03 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.677	3857369	
Zolpidem	308.2 -> 235...	9/11/2018 12:03 PM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	6.160	10848519	
Mitragynine	399.2 -> 174...	9/11/2018 12:03 PM	6.377	937	304.23		399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	6.357	1655321	

Compound Method			p1 negative			p1 negative Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.					
6-MAM	328.2 -> 165...	9/11/2018 11:43 AM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.894	359366					
7-aminoclonazepam	286.1 -> 121...	9/11/2018 11:43 AM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.368	894771					
Benzoyllecgonine	290.1 -> 168...	9/11/2018 11:43 AM					290.1 -> 105...				Benzoyllecgonine-D8	298.2 -> 171...	5.143	23849					
a-hydroxyalprazolam	325.1 -> 297...	9/11/2018 11:43 AM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...	6.279	415332					
alpha-PVP	232.2 -> 91.0	9/11/2018 11:43 AM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.457	4558267					
Alprazolam	309.1 -> 281...	9/11/2018 11:43 AM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.364	2814189					
Amphetamine	136.1 -> 91.1	9/11/2018 11:43 AM	4.771	625799	21.52		136.2 -> 105...				Amphetamine-D11	147.2 -> 130...	4.710	217576					
Cocaine	304.2 -> 182...	9/11/2018 11:43 AM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.488	2256785					
Bupropion	240.1 -> 184...	9/11/2018 11:43 AM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.661	765253					
Carisoprodol	261.2 -> 176...	9/11/2018 11:43 AM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.985	417948					
Citalopram	325.2 -> 109...	9/11/2018 11:43 AM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.034	2316304					
Clonazepam	316.1 -> 269...	9/11/2018 11:43 AM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.220	181995					
Codeine	300.2 -> 215...	9/11/2018 11:43 AM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.755	226496					
Cyclobenzaprine	276.2 -> 214...	9/11/2018 11:43 AM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.349	2814751					
Dextromethorphan	272.2 -> 171...	9/11/2018 11:43 AM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.044	2079683					
Dextropropriphan	258.2 -> 157...	9/11/2018 11:43 AM					258.2 -> 133...				Dextropropriphan-D3	261.2 -> 157...	5.352	1602390					
Diazepam	285.1 -> 193...	9/11/2018 11:43 AM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.611	1273153					
Dihydrocodeine	302.2 -> 198...	9/11/2018 11:43 AM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.672	944482					
Diphenhydramine	256.2 -> 167...	9/11/2018 11:43 AM	5.946	15484	Infinity		256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.946	7277876					
Doxylamine	271.2 -> 182...	9/11/2018 11:43 AM	5.350	11279	6090.65		271.2 -> 167...	20124	39.19		Doxylamine-D5	276.2 -> 187...	5.535	8634725					
EDDP	279.2 -> 235...	9/11/2018 11:43 AM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.941	1059027					
Fentanyl	337.2 -> 105...	9/11/2018 11:43 AM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.115	6166315					
Fluoxetine	310.1 -> 44.3	9/11/2018 11:43 AM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.220	110686...					
Hydrocodone	300.2 -> 198...	9/11/2018 11:43 AM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.998	1214961					
Hydromorphone	286.2 -> 184...	9/11/2018 11:43 AM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	4.416	533413					
Ketamine	238.1 -> 125...	9/11/2018 11:43 AM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.416	4183747					
Metoprolol	268.2 -> 116...	9/11/2018 11:43 AM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...	5.985	417948					
Mirtazapine	266.2 -> 195...	9/11/2018 11:43 AM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.985	417948					
Meprobamate	219.1 -> 158...	9/11/2018 11:43 AM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.418	43207					
Methadone	310.2 -> 265...	9/11/2018 11:43 AM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.220	5505703					
Methamphetamine	150.1 -> 91.1	9/11/2018 11:43 AM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	4.911	2462283					
Morphine	286.2 -> 201...	9/11/2018 11:43 AM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.153	87926					
Norbuprenorphine	414.3 -> 101...	9/11/2018 11:43 AM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.848	79021					
Nordiazepam	271.1 -> 140...	9/11/2018 11:43 AM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.452	627006					
Norfentanyl	233.2 -> 84.2	9/11/2018 11:43 AM	5.132	2536	5.17		233.2 -> 55.3	24586	0.68		Norfentanyl-D5	238.2 -> 84.2	5.193	6753139					
Norhydrocodone	286.2 -> 199...	9/11/2018 11:43 AM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.922	471883					
Noroxycodone	302.1 -> 284...	9/11/2018 11:43 AM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.837	946231					
O-desmethyl-tramadol	250.2 -> 58.3	9/11/2018 11:43 AM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.765	5695042					
Oxazepam	287.1 -> 240...	9/11/2018 11:43 AM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.285	481902					
Oxycodone	316.2 -> 298...	9/11/2018 11:43 AM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	4.834	1356627					
Oxymorphone	302.1 -> 284...	9/11/2018 11:43 AM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.188	1790578					
Pentermine	150.1 -> 65.2	9/11/2018 11:43 AM					150.1 -> 133...				Pentermine-D5	155.2 -> 96.2	5.013	2273126					
Promethazine	285.1 -> 86.2	9/11/2018 11:43 AM	6.429	15446	1.00		285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.368	6385783					
Quetiapine	384.2 -> 253...	9/11/2018 11:43 AM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.337	1881497					
Sertraline	306.1 -> 158...	9/11/2018 11:43 AM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.568	2786056					
Temazepam	301.1 -> 255...	9/11/2018 11:43 AM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.427	4400893					
Tramadol	264.2 -> 58.3	9/11/2018 11:43 AM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.310	109366...					
Trazodone	372.2 -> 176...	9/11/2018 11:43 AM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.823	6853286					

Compound Method		P1 negative		P1 negative Results		Qualifier 1 M		Qualifier 1 Results		ISTD Method		ISTD Results		
Name	Transition	Acq. Date	Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	9/11/2018	11:43 AM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	4310768
Zolpidem	308.2 -> 235...	9/11/2018	11:43 AM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	121227...
Mitragynine	399.2 -> 174...	9/11/2018	11:43 AM	6.194	6131	398.42		399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	1881497

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Compound Method			p2 cal 1b				p2 cal 1b Results				Qualifier 1 M...			Qualifier 1 Results				ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.				
7-aminoflunitrazepam	284.1 -> 135...	9/11/2018 11:33 AM	5.562	654917	182461...		284.1 -> 93.2	62933	701.27		291.2 -> 138...	62933	701.27		7-aminoflunitrazepam	291.2 -> 138...	5.541	3505518				
alpha-hydroxymidazolam	342.1 -> 324...	9/11/2018 11:33 AM	6.347	438801	Infinity		342.1 -> 203...	273861	859.26		346.1 -> 328...	273861	859.26		alpha-hydroxymidazolam	346.1 -> 328...	6.346	3315993				
Amiriptryline	278.2 -> 91.2	9/11/2018 11:33 AM	6.417	1806837	Infinity		278.2 -> 105...	521424	15.18		281.2 -> 91.2	521424	15.18		Amiriptryline-D3	281.2 -> 91.2	6.395	3955158				
Acetyl Fentanyl	323.2 -> 105...	9/11/2018 11:33 AM	5.943	113656	23.78		323.2 -> 188...	44458	4650.70		328.2 -> 105...	44458	4650.70		Acetyl Fentanyl-D5	328.2 -> 105...	5.902	6530645				
Acetyl Norfentanyl	219.1 -> 84.2	9/11/2018 11:33 AM	4.736	68784	27.38		219.1 -> 56.3	23156	25.95		224.2 -> 84.2	23156	25.95		Acetyl Norfentanyl-D5	224.2 -> 84.2	4.714	4077046				
Carbamazepine	237.1 -> 193...	9/11/2018 11:33 AM	5.997	331794	72.93		237.1 -> 194...	21698...	97.13		243.1 -> 200...	21698...	97.13		Carbamazepine-13C6	243.1 -> 200...	5.996	133604...				
Chlordiazepoxide	300.1 -> 227...	9/11/2018 11:33 AM	6.494	246274	113088...		300.1 -> 282...	383923	7.65		305.1 -> 286...	383923	7.65		Chlordiazepoxide-D5	305.1 -> 286...	6.494	5194905				
Sufentanil	387.2 -> 238...	9/11/2018 11:33 AM	6.405	135028	16766.06		387.2 -> 111...	75613	13.47		392.2 -> 238...	75613	13.47		Sufentanil-D5	392.2 -> 238...	6.404	7347843				
Desipramine	267.2 -> 72.3	9/11/2018 11:33 AM	6.358	2284758	25.51		267.2 -> 44.3	953078	14.73		270.2 -> 75.3	953078	14.73		Desipramine-D3	270.2 -> 75.3	6.357	144566...				
Doxepin	280.2 -> 107...	9/11/2018 11:33 AM	6.173	513018	Infinity		280.2 -> 77.2	242228	3.86		283.2 -> 107...	242228	3.86		Doxepin-D3	283.2 -> 107...	6.233	2468533				
Estazolam	295.1 -> 267...	9/11/2018 11:33 AM	6.293	788672	5246.52		295.1 -> 205...	405491	88070...		300.1 -> 272...	405491	88070...		Estazolam-D5	300.1 -> 272...	6.271	5480224				
Flunitrazepam	314.1 -> 268...	9/11/2018 11:33 AM	6.329	845277	174.86		314.1 -> 239...	233215	6106.74		321.1 -> 245...	233215	6106.74		Flunitrazepam-D7	321.1 -> 245...	6.329	303951				
Flurazepam	388.2 -> 315...	9/11/2018 11:33 AM	6.122	1214925	40.93		388.2 -> 317...	190924	110.62		393.1 -> 244...	190924	110.62		Zopiclone-D4	393.1 -> 244...	6.141	442228				
Imipramine	281.2 -> 86.2	9/11/2018 11:33 AM	6.375	2375344	28.39		281.2 -> 58.3	12928...	16.75		284.2 -> 61.3	12928...	16.75		Imipramine-D3	284.2 -> 61.3	6.374	100713...				
Levamisole	205.1 -> 91.2	9/11/2018 11:33 AM	5.105	377676	Infinity		205.1 -> 178...	410585	5.97		200.2 -> 166...	410585	5.97		MDMA-D6	200.2 -> 166...	5.166	185873				
Maprotiline	278.2 -> 91.2	9/11/2018 11:33 AM	5.929	1432200	435.64		278.2 -> 117...	11508	3410.48		252.2 -> 224...	11508	3410.48		Meperidine-D4	252.2 -> 224...	5.525	3047939				
MDA	180.1 -> 163...	9/11/2018 11:33 AM	5.006	281367	9.94		180.1 -> 105...	139635	3.84		185.1 -> 168...	139635	3.84		MDA-D5	185.1 -> 168...	5.005	824416				
MDEA	208.1 -> 163...	9/11/2018 11:33 AM	5.308	963910	14.85		208.1 -> 105...	399494	5.89		214.2 -> 166...	399494	5.89		MDEA-D6	214.2 -> 166...	5.308	4043170				
MDMA	194.1 -> 163...	9/11/2018 11:33 AM	5.187	540166	10.91		194.1 -> 105...	292943	9.65		200.2 -> 166...	292943	9.65		MDMA-D6	200.2 -> 166...	5.166	185873				
Meperidine	248.2 -> 220...	9/11/2018 11:33 AM	5.526	422954	18.48		248.2 -> 174...	357200	28933...		252.2 -> 224...	357200	28933...		Meperidine-D4	252.2 -> 224...	5.525	3047939				
Methylphenidate	234.2 -> 84.2	9/11/2018 11:33 AM	5.427	2515850	Infinity		234.2 -> 56.3	454260	21.38		252.2 -> 224...	454260	21.38		Meperidine-D4	252.2 -> 224...	5.525	3047939				
Midazolam	326.1 -> 223...	9/11/2018 11:33 AM	6.531	259185	48754.11		326.1 -> 249...	401779	65447...		330.1 -> 295...	401779	65447...		Midazolam-D4	330.1 -> 295...	6.510	4407220				
Normeperidine	234.1 -> 42.3	9/11/2018 11:33 AM	5.509	546139	159.68		234.1 -> 160...	337322	169.83		238.2 -> 164...	337322	169.83		Normeperidine-D4	238.2 -> 164...	5.508	3409081				
Nortriptyline	264.2 -> 91.2	9/11/2018 11:33 AM	6.298	3546897	Infinity		264.2 -> 233...	33455...	Infinity		267.2 -> 233...	33455...	Infinity		Nortriptyline-D3	267.2 -> 233...	6.378	2684507				
Phenazepam	349.0 -> 206...	9/11/2018 11:33 AM	6.406	230775	428.89		349.0 -> 183...	172902	30574...		353.0 -> 183...	172902	30574...		Phenazepam-D4	353.0 -> 183...	6.386	88156				
Phencyclidine	244.2 -> 86.2	9/11/2018 11:33 AM	5.811	742092	164241...		244.2 -> 91.1	786216	19.50		249.2 -> 86.2	786216	19.50		Phencyclidine-D5	249.2 -> 86.2	5.791	5505061				
Phenytol	253.1 -> 104...	9/11/2018 11:33 AM	5.912	20970	76.84		253.1 -> 182...	4072	834.88		263.2 -> 192...	4072	834.88		Phenytol-D10	263.2 -> 192...	5.871	113274				
Pseudoephedrine	166.1 -> 148...	9/11/2018 11:33 AM	4.503	102238...	47.75		166.1 -> 133...	23505...	40.90		169.1 -> 151...	23505...	40.90		Pseudoephedrine-D3	169.1 -> 151...	4.502	3871690				
Tapentadol	222.2 -> 107...	9/11/2018 11:33 AM	5.307	1128032	131.72		222.2 -> 121...	588463	63.18		225.2 -> 107...	588463	63.18		Tapentadol-D3	225.2 -> 107...	5.306	5197495				
Zaleplon	306.1 -> 236...	9/11/2018 11:33 AM	6.108	782044	131740...		306.1 -> 264...	857056	126848...		310.2 -> 240...	857056	126848...		Zaleplon-D4	310.2 -> 240...	6.107	2560861				
Zopiclone	389.1 -> 244...	9/11/2018 11:33 AM	6.161	53107	Infinity		389.1 -> 216...	23382	2981.34		393.1 -> 244...	23382	2981.34		Zopiclone-D4	393.1 -> 244...	6.141	442228				

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...	9/11/2018 12:12 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.562	3600474					
alpha-hydroxymidazolam	342.1 -> 324...	9/11/2018 12:12 PM					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328...	6.346	2992557					
Amitriptyline	278.2 -> 91.2	9/11/2018 12:12 PM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.415	3219352					
Acetyl Fentanyl	323.2 -> 105...	9/11/2018 12:12 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.902	4953485					
Acetyl Norfentanyl	219.1 -> 84.2	9/11/2018 12:12 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.714	3499492					
Carbamazepine	237.1 -> 193...	9/11/2018 12:12 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.996	114033...					
Chlordiazepoxide	300.1 -> 227...	9/11/2018 12:12 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.494	4803980					
Sufentanil	387.2 -> 238...	9/11/2018 12:12 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.404	6064006					
Desipramine	267.2 -> 72.3	9/11/2018 12:12 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.357	121725...					
Doxepin	280.2 -> 107...	9/11/2018 12:12 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	6.233	1831303					
Estazolam	295.1 -> 267...	9/11/2018 12:12 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.271	4811709					
Flunitrazepam	314.1 -> 268...	9/11/2018 12:12 PM	6.329	21683	2528.20		314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.329	299234					
Flurazepam	388.2 -> 315...	9/11/2018 12:12 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	6.181	563084					
Imipramine	281.2 -> 86.2	9/11/2018 12:12 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.395	7804246					
Levamisole	205.1 -> 91.2	9/11/2018 12:12 PM	5.105	5217	0.55		205.1 -> 178...				MDMA-D6	200.2 -> 166...	5.146	159597					
Maprotiline	278.2 -> 91.2	9/11/2018 12:12 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.525	2383438					
MDA	180.1 -> 163...	9/11/2018 12:12 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	5.005	739593					
MDEA	208.1 -> 163...	9/11/2018 12:12 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.287	3252022					
MDMA	194.1 -> 163...	9/11/2018 12:12 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	5.146	159597					
Meperidine	248.2 -> 220...	9/11/2018 12:12 PM	5.526	5050434	163.50		248.2 -> 174...	39998...	85.92		Meperidine-D4	252.2 -> 224...	5.525	2383438					
Methylphenidate	234.2 -> 84.2	9/11/2018 12:12 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.525	2383438					
Midazolam	326.1 -> 223...	9/11/2018 12:12 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.510	3672396					
Normeperidine	234.1 -> 42.3	9/11/2018 12:12 PM	5.509	22170	0.84		234.1 -> 160...	8855	38.61		Normeperidine-D4	238.2 -> 164...	5.508	2876902					
Nortriptyline	264.2 -> 91.2	9/11/2018 12:12 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.378	2865170					
Phenazepam	349.0 -> 206...	9/11/2018 12:12 PM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.386	92462					
Phencyclidine	244.2 -> 86.2	9/11/2018 12:12 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.811	4003809					
Phenylethylamine	253.1 -> 104...	9/11/2018 12:12 PM					253.1 -> 182...				Phenylethylamine-D10	263.2 -> 192...	5.871	77781					
Pseudoephedrine	166.1 -> 148...	9/11/2018 12:12 PM	4.624	10978	1.39		166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.502	3982497					
Tapentadol	222.2 -> 107...	9/11/2018 12:12 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.326	4245256					
Zaleplon	306.1 -> 236...	9/11/2018 12:12 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.128	2293748					
Zopiclone	389.1 -> 244...	9/11/2018 12:12 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	6.181	563084					

Compound Method			p2 negative			p2 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.		
7-aminoflunitrazepam	284.1 -> 135...	9/11/2018 11:53 AM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.562	4014938		
alpha-hydroxymidazolam	342.1 -> 324...	9/11/2018 11:53 AM					342.1 -> 203...				alpha-hydroxymidazolam-	346.1 -> 328...	6.346	3227804		
Amitriptyline	278.2 -> 91.2	9/11/2018 11:53 AM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.415	3765361		
Acetyl Fentanyl	323.2 -> 105...	9/11/2018 11:53 AM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.902	5918480		
Acetyl Norfentanyl	219.1 -> 84.2	9/11/2018 11:53 AM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.735	3619691		
Carbamazepine	237.1 -> 193...	9/11/2018 11:53 AM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.996	129313...		
Chlordiazepoxide	300.1 -> 227...	9/11/2018 11:53 AM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.494	5304372		
Sufentanil	387.2 -> 238...	9/11/2018 11:53 AM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.404	6518784		
Desipramine	267.2 -> 72.3	9/11/2018 11:53 AM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.357	143669...		
Doxepin	280.2 -> 107...	9/11/2018 11:53 AM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	6.233	2673465		
Estazolam	295.1 -> 267...	9/11/2018 11:53 AM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.271	5450188		
Flunitrazepam	314.1 -> 268...	9/11/2018 11:53 AM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.329	352639		
Flurazepam	388.2 -> 315...	9/11/2018 11:53 AM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	6.161	426877		
Imipramine	281.2 -> 86.2	9/11/2018 11:53 AM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.395	8360220		
Levamisole	205.1 -> 91.2	9/11/2018 11:53 AM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	5.207	179687		
Maprotiline	278.2 -> 91.2	9/11/2018 11:53 AM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.525	2910873		
MDA	180.1 -> 163...	9/11/2018 11:53 AM					180.1 -> 105...				MDA-D5	185.1 -> 168...	5.005	773350		
MDEA	208.1 -> 163...	9/11/2018 11:53 AM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.308	3697990		
MDMA	194.1 -> 163...	9/11/2018 11:53 AM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	5.207	179687		
Meperidine	248.2 -> 220...	9/11/2018 11:53 AM					248.2 -> 174...				Meperidine-D4	252.2 -> 224...	5.525	2910873		
Methylphenidate	234.2 -> 84.2	9/11/2018 11:53 AM	5.406	12002	1.67		234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.525	2910873		
Midazolam	326.1 -> 223...	9/11/2018 11:53 AM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.510	4239041		
Normeperidine	234.1 -> 42.3	9/11/2018 11:53 AM					234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.508	3438415		
Notriptyline	264.2 -> 91.2	9/11/2018 11:53 AM					264.2 -> 233...				Notriptyline-D3	267.2 -> 233...	6.378	3380615		
Phenazepam	349.0 -> 206...	9/11/2018 11:53 AM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.386	103522		
Phencyclidine	244.2 -> 86.2	9/11/2018 11:53 AM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.811	4377736		
Phenytol	253.1 -> 104...	9/11/2018 11:53 AM					253.1 -> 182...				Phenytol-D10	263.2 -> 192...	5.871	120286		
Pseudoephedrine	166.1 -> 148...	9/11/2018 11:53 AM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.523	3778769		
Tapentadol	222.2 -> 107...	9/11/2018 11:53 AM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.326	4889581		
Zaleplon	306.1 -> 236...	9/11/2018 11:53 AM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.128	2448151		
Zopiclone	389.1 -> 244...	9/11/2018 11:53 AM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	6.161	426877		