

* AM 7 central data available upon request - TS

TS

REVIEWED
By Sarah Pickle at 2:58 pm, Jan 28, 2019

1/28/2019

REVIEWED
By Celena Shrum at 2:23 pm, Feb 28, 2019

Worklist: 2901

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-6273	1	137925	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-6281	1	137926	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-6286	1	137927	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-6341	1	137928	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-6343	1	137929	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-6344	1	137930	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-6344	2	137931	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2019-0057	2	137932	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2019-0142	5	137933	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3370	1	137934	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0104	1	137935	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0111	1	137936	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0125	1	137937	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0127	1	137938	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0129	1	137939	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0130	1	137940	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0133	1	137941	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0153	1	137942	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0154	1	136849	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0175	1	137943	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0176	1	137944	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0195	1	137945	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2019-0196	1	137946	AM 25 Blood Multi-Drug Screen by LC-QQQ	

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Worklist: 2901

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
P2019-0203	1	137947	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2019-0219	1	137948	AM 25 Blood Multi-Drug Screen by LC-QQQ



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

TS

Extraction Date: 01/25/19
Plate lot#: 0543908

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

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

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

Blank Blood Lot: Hemostat 445283-1
LCMS-QQQ ID: 59740

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

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 16** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250µL 00.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100µL 100% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Open quantitation software and create a new quantitation batch.
Batch Name: P1 MDS wklst 2901_final, P2 MDS wklst 2901_final
Worklist path: C:\MassHunter\Data\2019\AM 25\012519 MDS TS
- 2. Make necessary changes to integration limits
- 3. Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. Calculated concentration >5.
- 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: P2019-0219 panel 2 failed to inject properly. The sample was reconstituted and reinjected on 01/26/19. Due to shifts in the retention time of the internal standard, Pseudoephedrine will not be evaluated for this sample.



Idaho State Police Forensic Services

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

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: WS122618)

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

Approximately 50ng/mL of each compound.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Hemostat	445283-1
Methanol External Control Solution		042618
Prepared:	12/26/18	
Prepared by:	Tamara Salazar	
Expires:	04/26/19	

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Compound Method	Transition	Acq. Date-Time	RT	p1 cal 1a Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method	RT	Resp.
				Resp.	Calc. Conc.	S/N	M/I	Transition	M/I	S/N	Area	Name			
6-MAM	328.2 -> 165...	1/25/2019 6:47 P...	4.995	4519	10.0000	18.73	328.2 -> 211...	18.41	786	6-MAM-D6	4.955	152744			
7-Aminoclonazepam	286.1 -> 121...	1/25/2019 6:47 P...	5.471	64376	10.0000	200.96	286.1 -> 222...	31.79	11342	7-Aminoclonazepam-D4	5.449	229205			
Benzoylcegonine	290.1 -> 168...	1/25/2019 6:47 P...	5.243	13405	10.0000	46.81	290.1 -> 105...	47.16	17314	Benzoylcegonine-D8	5.243	65963			
Metoprolol	268.2 -> 116...	1/25/2019 6:47 P...	5.392	70510	10.0000	627.00	268.2 -> 56.3	150.49	77576	Noroxycodone-D3	4.816	472099			
a-Hydroxyalprazolam	325.1 -> 297...	1/25/2019 6:47 P...	6.320	27750	10.0000	4415.68	325.1 -> 215...	23.73	5889	a-Hydroxyalprazolam-D5	6.319	152196			
alpha-PVP	232.2 -> 91.0	1/25/2019 6:47 P...	5.561	147489	10.0000	339.85	232.2 -> 77.1	308.32	90204	alpha-PVP-D8	5.539	1235490			
Alprazolam	309.1 -> 281...	1/25/2019 6:47 P...	6.425	267209	10.0000	657.19	309.1 -> 205...	151.32	86415	Alprazolam-D5	6.404	1231831			
Amphetamine	136.1 -> 91.1	1/25/2019 6:47 P...	4.750	365635	10.0000	6.95	136.1 -> 119...	11.19	155657	Amphetamine-D11	4.709	217295			
Cocaine	304.2 -> 182...	1/25/2019 6:47 P...	5.571	376951	10.0000	57.24	304.2 -> 105...	14.87	46489	Cocaine-D3	5.549	593198			
Bupropion	240.1 -> 184...	1/25/2019 6:47 P...	5.825	125612	10.0000	13982.16	240.1 -> 131...	404.44	245022	Bupropion-D9	5.783	187025			
Carisoprodol	261.2 -> 176...	1/25/2019 6:47 P...	6.067	36522	10.0000	6239.05	261.2 -> 55.3	20.97	80702	Carisoprodol-D7	6.045	126386			
Citalopram	325.2 -> 109...	1/25/2019 6:47 P...	6.015	419519	10.0000	91.33	325.2 -> 262...	148.70	55273	Citalopram-D6	6.014	624643			
Clonazepam	316.1 -> 269...	1/25/2019 6:47 P...	6.281	53027	10.0000	7846.68	316.1 -> 213...	23.66	6977	Clonazepam-D4	6.281	47914			
Codaine	300.2 -> 215...	1/25/2019 6:47 P...	4.878	24954	10.0000	7.72	300.2 -> 165...	29.70	20301	Codaine-D6	4.835	135793			
Cyclobenzaprine	276.2 -> 214...	1/25/2019 6:47 P...	6.328	175582	10.0000	37953.40	276.2 -> 231...	6116.92	30743	Cyclobenzaprine-D3	6.328	840233			
Dextromethorphan	272.2 -> 171...	1/25/2019 6:47 P...	6.024	207572	10.0000	109.87	272.2 -> 147...	64.47	163799	Dextromethorphan-D3	6.044	624618			
Dextroproprian	258.2 -> 157...	1/25/2019 6:47 P...	5.353	133970	10.0000	5731.29	258.2 -> 133...	22900.33	106456	Dextroproprian-D3	5.373	477767			
Diazepam	285.1 -> 193...	1/25/2019 6:47 P...	6.674	135894	10.0000	62.76	285.1 -> 153...	55.09	193814	Diazepam-D5	6.652	610672			
Dihydrocodeine	302.2 -> 198...	1/25/2019 6:47 P...	4.736	75382	10.0000	27455.08	302.2 -> 128...	7.20	52459	Dihydrocodeine-D6	4.692	361667			
Diphenhydramine	256.2 -> 167...	1/25/2019 6:47 P...	5.966	211719	10.0000	39.70	256.2 -> 152...	28.06	165152	Diphenhydramine-D3	5.966	1782093			
Doxylamine	271.2 -> 182...	1/25/2019 6:47 P...	5.577	127444	10.0000	225.91	271.2 -> 167...	170.74	351564	Doxylamine-D5	5.534	493433			
EDDP	279.2 -> 235...	1/25/2019 6:47 P...	5.961	784517	10.0000	108813.15	279.2 -> 250...	462.95	369273	EDDP-D3	5.961	4578602			
Fentanyl	337.2 -> 105...	1/25/2019 6:47 P...	6.237	41387	10.0000	4314.88	337.2 -> 188...	67.34	20004	Fentanyl-D5	6.217	3062726			
Fluoxetine	310.1 -> 44.3	1/25/2019 6:47 P...	6.242	10671...	10.0000	176.73	310.1 -> 148...	51.98	16844	Fluoxetine-D6	6.240	3183273			
Hydrocodone	300.2 -> 198...	1/25/2019 6:47 P...	5.121	82172	10.0000	Infinity	300.2 -> 128...	36.34	69833	Hydrocodone-D6	5.078	598449			
Hydromorphone	286.2 -> 184...	1/25/2019 6:47 P...	4.439	44595	10.0000	Infinity	286.2 -> 157...	Infinity	64632	Hydromorphone-D6	4.396	275777			
Ketamine	238.1 -> 125...	1/25/2019 6:47 P...	5.743	347361	10.0000	336.46	238.1 -> 220...	12.64	54172	Ketamine-D4	5.702	1418342			
Mirtazapine	266.2 -> 195...	1/25/2019 6:47 P...	6.209	354310	10.0000	222.59	266.2 -> 72.3	182.99	309638	Tamadol-13C-D3	5.371	3282630			
Mitragynine	399.2 -> 238...	1/25/2019 6:47 P...	6.275	24791	10.0000	48.60	399.2 -> 174...	144.28	187837	Tamadol-13C-D3	5.371	3282630			
Meprobramate	219.1 -> 158...	1/25/2019 6:47 P...	5.561	23802	10.0000	9.74	219.1 -> 97.1	6.86	14296	Meprobramate-D7	5.541	2592			
Methadone	310.2 -> 265...	1/25/2019 6:47 P...	6.282	416089	10.0000	2664.23	310.2 -> 105...	93.72	367040	Methadone-D9	6.261	1657005			
Methamphetamine	150.1 -> 91.1	1/25/2019 6:47 P...	4.911	328969	10.0000	Infinity	150.1 -> 119...	Infinity	100801	Methamphetamine-D11	4.870	1034427			
Morphine	286.2 -> 201...	1/25/2019 6:47 P...	4.175	15798	10.0000	Infinity	286.2 -> 165...	Infinity	18130	Morphine-D6	4.112	40932			
Norbuprenorphine	414.3 -> 101...	1/25/2019 6:47 P...	5.869	12451	10.0000	960.74	414.3 -> 57.3	32.24	13118	Norbuprenorphine-D3	5.848	29822			
Nordiazepam	271.1 -> 140...	1/25/2019 6:47 P...	6.513	72414	10.0000	Infinity	271.1 -> 208...	40.26	19276	Nordiazepam-D5	6.492	176861			
Norfentanyl	233.2 -> 84.2	1/25/2019 6:47 P...	5.254	356304	10.0000	273.85	233.2 -> 55.3	40.26	124872	Norfentanyl-D5	5.253	1558992			
Norhydrocodone	286.2 -> 199...	1/25/2019 6:47 P...	4.921	24692	10.0000	3453.20	286.2 -> 171...	26.15	8012	Norhydrocodone-D3	4.901	216414			
Noroxycodone	302.1 -> 284...	1/25/2019 6:47 P...	4.857	104478	10.0000	48.47	302.1 -> 186...	2562.94	20663	Noroxycodone-D3	4.816	472099			
O-desmethyl-tramadol	250.2 -> 58.3	1/25/2019 6:47 P...	4.847	566793	10.0000	67.99	250.2 -> 42.3	39.31	15496	O-desmethyl-tramadol-...	4.827	1386360			
Oxazepam	287.1 -> 240...	1/25/2019 6:47 P...	6.326	23492	10.0000	70.59	287.1 -> 268...	3.01	21133	Oxazepam-D5	6.326	106054			
Oxycodone	316.2 -> 298...	1/25/2019 6:47 P...	4.935	261304	10.0000	45.97	316.2 -> 241...	10640.90	52161	Oxycodone-D6	4.915	476563			
Oxymorphone	302.1 -> 284...	1/25/2019 6:47 P...	4.211	187367	10.0000	71.30	302.1 -> 227...	10.11	26505	Oxymorphone-D3	4.188	723709			
Phentermine	150.1 -> 65.2	1/25/2019 6:47 P...	5.073	52105	10.0000	116.82	150.1 -> 133...	Infinity	6358	Phentermine-D5	5.053	879433			
Promethazine	285.1 -> 86.2	1/25/2019 6:47 P...	6.409	542335	10.0000	988.49	285.1 -> 71.3	164.95	146165	Promethazine-D3	6.367	1833926			
Quetiapine	384.2 -> 253...	1/25/2019 6:47 P...	6.551	771900	10.0000	277.87	384.2 -> 221...	48646.19	370283	Quetiapine-D8	6.519	900025			
Seftaline	306.1 -> 158...	1/25/2019 6:47 P...	6.548	303538	10.0000	120.72	306.1 -> 275...	222.15	123514	Seftaline-D3	6.527	1076265			
Temazepam	301.1 -> 255...	1/25/2019 6:47 P...	6.488	227867	10.0000	69.88	301.1 -> 283...	7.38	68539	Temazepam-D5	6.467	1437470			
Tramadol	264.2 -> 58.3	1/25/2019 6:47 P...	5.393	638011	10.0000	65.94	264.2 -> 43.3	335.81	11500	Tamadol-13C-D3	5.371	3282630			

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Compound Method	p1 cal 1a	p1 cal 1a Results				Qualifier 1 M...	Qualifier 1 Results		ISTD Method	ISTD Results				
Name	Transition	Acq. Date-Time	RT	Resp.	Calc. Conc.	S/N	MI	Transition	MI	S/N	Area	Name	RT	Resp.
Trazodone	372.2 -> 176...	1/25/2019 6:47 P...	6.804	891759	10.0000	3018.45	<input type="checkbox"/>	372.2 -> 148...	<input type="checkbox"/>	332562...	10079...	Trazodone-D6	6.763	2829163
Venlafaxine	278.2 -> 58.3	1/25/2019 6:47 P...	5.738	742135	10.0000	180.50	<input type="checkbox"/>	278.2 -> 260...	<input type="checkbox"/>	35.75	16094	Venlafaxine-D6	5.737	1074147
Zolpidem	308.2 -> 235...	1/25/2019 6:47 P...	6.304	780244	10.0000	206.58	<input type="checkbox"/>	308.2 -> 263...	<input type="checkbox"/>	36096.65	207543	Zolpidem-D6	6.302	4561581

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Compound Method	Name	Transition	Acq. Date-Time	p1 negative Results					Qualifier 1 M...			Qualifier 1 R...			ISTD Method	ISTD Results	
				RT	Resp.	Calc. Conc.	S/N	MI	Transition	MI	S/N	Area	Name	RT		Resp.	
	6-MAM	328.2 -> 165...	1/25/2019 7:07 PM							328.2 -> 211...				6-MAM-D6	4.934	138621	
	7-aminoclonazepam	286.1 -> 121...	1/25/2019 7:07 PM							286.1 -> 222...				7-Aminoclonazepam-D4	5.449	251685	
	Benzoylcegonine	290.1 -> 168...	1/25/2019 7:07 PM							290.1 -> 105...				Benzoylcegonine-D8	5.243	59243	
	Metoprolol	268.2 -> 116...	1/25/2019 7:07 PM							268.2 -> 56.3				Noroxycodone-D3	4.816	496151	
	a-hydroxyalprazolam	325.1 -> 297...	1/25/2019 7:07 PM							325.1 -> 215...				a-hydroxyalprazolam-D5	6.319	130483	
	alpha-PVP	232.2 -> 91.0	1/25/2019 7:07 PM							232.2 -> 77.1				alpha-PVP-d8	5.539	12099...	
	Alprazolam	309.1 -> 281...	1/25/2019 7:07 PM							309.1 -> 205...				Alprazolam-D5	6.404	11898...	
	Amphetamine	136.1 -> 91.1	1/25/2019 7:07 PM							136.1 -> 119...				Amphetamine-D11	4.669	223198	
	Cocaine	304.2 -> 182...	1/25/2019 7:07 PM							304.2 -> 105...				Cocaine-D3	5.549	571387	
	Bupropion	240.1 -> 184...	1/25/2019 7:07 PM							240.1 -> 131...				Bupropion-D9	5.783	198949	
	Carisoprodol	261.2 -> 176...	1/25/2019 7:07 PM							261.2 -> 55.3				Carisoprodol-D7	6.045	121502	
	Citalopram	325.2 -> 109...	1/25/2019 7:07 PM							325.2 -> 262...				Citalopram-D6	6.014	573542	
	Clonazepam	316.1 -> 269...	1/25/2019 7:07 PM							316.1 -> 213...				Clonazepam-D4	6.281	47468	
	Codeine	300.2 -> 215...	1/25/2019 7:07 PM							300.2 -> 165...				Codeine-D6	4.835	138021	
	Cyclobenzaprine	276.2 -> 214...	1/25/2019 7:07 PM							276.2 -> 231...				Cyclobenzaprine-D3	6.308	818914	
	Dextromethorphan	272.2 -> 171...	1/25/2019 7:07 PM							272.2 -> 147...				Dextromethorphan-D3	6.044	569068	
	Dextrophan	258.2 -> 157...	1/25/2019 7:07 PM							258.2 -> 133...				Dextrophan-D3	5.352	473421	
	Diazepam	285.1 -> 193...	1/25/2019 7:07 PM							285.1 -> 153...				Diazepam-D5	6.652	592343	
	Dihydrocodeine	302.2 -> 198...	1/25/2019 7:07 PM							302.2 -> 128...				Dihydrocodeine-D6	4.692	356099	
	Diphenhydramine	256.2 -> 167...	1/25/2019 7:07 PM							256.2 -> 152...				Diphenhydramine-D3	5.966	16776...	
	Doxylamine	271.2 -> 182...	1/25/2019 7:07 PM							271.2 -> 167...				Doxylamine-D5	5.555	11411...	
	EDDP	279.2 -> 235...	1/25/2019 7:07 PM							279.2 -> 250...				EDDP-D3	5.961	45796...	
	Fentanyl	337.2 -> 105...	1/25/2019 7:07 PM							337.2 -> 188...				Fentanyl-D5	6.217	29767...	
	Fluoxetine	310.1 -> 44.3	1/25/2019 7:07 PM							310.1 -> 148...				Fluoxetine-D6	6.240	29301...	
	Hydrocodone	300.2 -> 198...	1/25/2019 7:07 PM							300.2 -> 128...				Hydrocodone-D6	5.058	574866	
	Hydromorphone	286.2 -> 184...	1/25/2019 7:07 PM							286.2 -> 157...				Hydromorphone-D6	4.396	262904	
	Ketamine	238.1 -> 125...	1/25/2019 7:07 PM							238.1 -> 220...				Ketamine-D4	5.702	13740...	
	Mirtazapine	266.2 -> 195...	1/25/2019 7:07 PM							266.2 -> 72.3				Tramadol-13C-D3	5.371	31282...	
	Mitragyline	399.2 -> 238...	1/25/2019 7:07 PM							399.2 -> 174...				Tramadol-13C-D3	5.371	31282...	
	Meproamate	219.1 -> 158...	1/25/2019 7:07 PM							219.1 -> 97.1				Meproamate-D7	5.520	1088	
	Methadone	310.2 -> 265...	1/25/2019 7:07 PM							310.2 -> 105...				Methadone-D9	6.261	14584...	
	Methamphetamine	150.1 -> 91.1	1/25/2019 7:07 PM							150.1 -> 119...				Methamphetamine-D11	4.850	973259	
	Morphine	286.2 -> 201...	1/25/2019 7:07 PM							286.2 -> 165...				Morphine-D6	4.112	39379	
	Norbuprenorphine	414.3 -> 101...	1/25/2019 7:07 PM							414.3 -> 57.3				Norbuprenorphine-D3	5.807	24598	
	Nordiazepam	271.1 -> 140...	1/25/2019 7:07 PM							271.1 -> 208...				Nordiazepam-D5	6.492	165565	
	Norfentanyl	233.2 -> 84.2	1/25/2019 7:07 PM							233.2 -> 55.3				Norfentanyl-D5	5.253	15302...	
	Norhydrocodone	286.2 -> 199...	1/25/2019 7:07 PM							286.2 -> 171...				Norhydrocodone-D3	4.901	213225	
	Noroxycodone	302.1 -> 284...	1/25/2019 7:07 PM							302.1 -> 186...				Noroxycodone-D3	4.816	496151	
	O-desmethyl-tramadol	250.2 -> 58.3	1/25/2019 7:07 PM							250.2 -> 42.3				O-desmethyl-tramadol-...	4.827	12993...	
	Oxazepam	287.1 -> 240...	1/25/2019 7:07 PM							287.1 -> 268...				Oxazepam-D5	6.326	119983	
	Oxycodone	316.2 -> 298...	1/25/2019 7:07 PM							316.2 -> 241...				Oxycodone-D6	4.895	463785	
	Oxymorphone	302.1 -> 284...	1/25/2019 7:07 PM							302.1 -> 227...				Oxymorphone-D3	4.168	669909	
	Phentermine	150.1 -> 65.2	1/25/2019 7:07 PM							150.1 -> 133...				Phentermine-D5	5.053	858166	
	Promethazine	285.1 -> 86.2	1/25/2019 7:07 PM							285.1 -> 71.3				Promethazine-D3	6.368	17171...	
	Quetiapine	384.2 -> 253...	1/25/2019 7:07 PM							384.2 -> 221...				Quetiapine-D8	6.519	861068	
	Setraline	306.1 -> 158...	1/25/2019 7:07 PM							306.1 -> 275...				Setraline-D3	6.527	957222	
	Temazepam	301.1 -> 255...	1/25/2019 7:07 PM							301.1 -> 283...				Temazepam-D5	6.467	13985...	
	Tramadol	264.2 -> 58.3	1/25/2019 7:07 PM							264.2 -> 43.3				Tramadol-13C-D3	5.371	31282...	

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Compound Method	p1 negative	RT	Resp.	Calc. Conc.	S/N	MI	Qualifier 1 M...	Qualifier 1 R...	ISTD Method	ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	Calc. Conc.	S/N	MI	Area	Name	RT	Resp.
Trazodone	372.2 -> 176...	1/25/2019 7:07 PM					372.2 -> 148...		Trazodone-D6	6.763	27681...
Venlafaxine	278.2 -> 58.3	1/25/2019 7:07 PM					278.2 -> 260...		Venlafaxine-D6	5.717	10204...
Zolpidem	308.2 -> 235...	1/25/2019 7:07 PM					308.2 -> 263...		Zolpidem-D6	6.302	42229...

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.	Calc. Conc.	S/N	MI	Transition	MI	S/N	Area	Name	RT	Resp.
6-MAM	328.2 -> 165...	1/25/2019 7:26 PM						328.2 -> 211...				6-MAM-D6	4.955	141252
7-Aminoclonazepam	286.1 -> 121...	1/25/2019 7:26 PM						286.1 -> 222...				7-Aminoclonazepam-D4	5.449	248203
Benzylecgonine	290.1 -> 168...	1/25/2019 7:26 PM						290.1 -> 105...				Benzylecgonine-D8	5.243	59347
Metoprolol	268.2 -> 116...	1/25/2019 7:26 PM	5.392	792028	107.8080	726.61	268.2 -> 56.3	169403...	790330			Noroxycodone-D3	4.816	491896
a-hydroxylprazoslan	325.1 -> 297...	1/25/2019 7:26 PM					325.1 -> 215...					a-hydroxylprazoslan-D5	6.319	129611
alpha-PVP	232.2 -> 91.0	1/25/2019 7:26 PM					232.2 -> 77.1					alpha-PVP-d8	5.539	12504...
Alprazolam	309.1 -> 281...	1/25/2019 7:26 PM					309.1 -> 205...					Alprazolam-D5	6.404	10460...
Amphetamine	136.1 -> 91.1	1/25/2019 7:26 PM					136.1 -> 119...					Amphetamine-D11	4.669	295837
Cocaine	304.2 -> 182...	1/25/2019 7:26 PM					304.2 -> 105...					Cocaine-D3	5.549	562966
Bupropion	240.1 -> 184...	1/25/2019 7:26 PM					240.1 -> 131...					Bupropion-D9	5.783	198459
Carisoprodol	261.2 -> 176...	1/25/2019 7:26 PM					261.2 -> 55.3					Carisoprodol-D7	6.045	108507
Citalopram	325.2 -> 109...	1/25/2019 7:26 PM					325.2 -> 262...					Citalopram-D6	6.014	575436
Clonazepam	316.1 -> 269...	1/25/2019 7:26 PM					316.1 -> 213...					Clonazepam-D4	6.260	42017
Codeine	300.2 -> 215...	1/25/2019 7:26 PM					300.2 -> 165...					Codeine-D6	4.835	134307
Cyclobenzaprine	276.2 -> 214...	1/25/2019 7:26 PM					276.2 -> 231...					Cyclobenzaprine-D3	6.308	797165
Dextromethorphan	272.2 -> 171...	1/25/2019 7:26 PM					272.2 -> 147...					Dextromethorphan-D3	6.044	561145
Dextroprphan	258.2 -> 157...	1/25/2019 7:26 PM					258.2 -> 133...					Dextroprphan-D3	5.352	445794
Diazepam	285.1 -> 193...	1/25/2019 7:26 PM	6.653	14453...	120.1908	322.37	285.1 -> 153...	863.47	20571...			Diazepam-D5	6.652	540389
Dihydrocodeine	302.2 -> 198...	1/25/2019 7:26 PM					302.2 -> 128...					Dihydrocodeine-D6	4.662	342939
Diphenhydramine	256.2 -> 167...	1/25/2019 7:26 PM					256.2 -> 152...					Diphenhydramine-D3	5.966	15759...
Doxylamine	271.2 -> 182...	1/25/2019 7:26 PM					271.2 -> 167...					Doxylamine-D5	5.555	10527...
EDDP	279.2 -> 235...	1/25/2019 7:26 PM					279.2 -> 250...					EDDP-D3	5.961	43960...
Fentanyl	337.2 -> 105...	1/25/2019 7:26 PM					337.2 -> 188...					Fentanyl-D5	6.217	29187...
Fluoxetine	310.1 -> 44.3	1/25/2019 7:26 PM					310.1 -> 148...					Fluoxetine-D6	6.240	29152...
Hydrocodone	300.2 -> 198...	1/25/2019 7:26 PM					300.2 -> 128...					Hydrocodone-D6	5.058	562319
Hydromorphone	286.2 -> 184...	1/25/2019 7:26 PM					286.2 -> 157...					Hydromorphone-D6	4.376	249977
Ketamine	238.1 -> 125...	1/25/2019 7:26 PM					238.1 -> 220...					Ketamine-D4	5.702	14042...
Miltazapine	266.2 -> 195...	1/25/2019 7:26 PM					266.2 -> 72.3					Tramadol-13C-D3	5.371	31888...
Miltazapine	399.2 -> 238...	1/25/2019 7:26 PM					399.2 -> 174...					Tramadol-13C-D3	5.371	31888...
Meprobanate	219.1 -> 158...	1/25/2019 7:26 PM					219.1 -> 97.1					Meprobanate-D7	5.581	3264
Methadone	310.2 -> 265...	1/25/2019 7:26 PM					310.2 -> 105...					Methadone-D9	6.261	14381...
Methamphetamine	150.1 -> 91.1	1/25/2019 7:26 PM					150.1 -> 119...					Methamphetamine-D11	4.850	10870...
Morphine	286.2 -> 201...	1/25/2019 7:26 PM					286.2 -> 165...					Morphine-D6	4.112	39910
Norbuprenorphine	414.3 -> 101...	1/25/2019 7:26 PM					414.3 -> 57.3					Norbuprenorphine-D3	5.807	30795
Nordiazepam	271.1 -> 140...	1/25/2019 7:26 PM					271.1 -> 208...					Nordiazepam-D5	6.492	148643
Norfentanyl	233.2 -> 84.2	1/25/2019 7:26 PM					233.2 -> 55.3					Norfentanyl-D5	5.253	15083...
Norhydrocodone	286.2 -> 199...	1/25/2019 7:26 PM					286.2 -> 171...					Norhydrocodone-D3	4.881	217990
Noroxycodone	302.1 -> 284...	1/25/2019 7:26 PM					302.1 -> 186...					Noroxycodone-D3	4.816	491896
O-desmethyl-tramadol	250.2 -> 58.3	1/25/2019 7:26 PM					250.2 -> 42.3					O-desmethyl-tramadol-...	4.827	11606...
Oxazepam	287.1 -> 240...	1/25/2019 7:26 PM					287.1 -> 268...					Oxazepam-D5	6.326	124018
Oxycodone	316.2 -> 298...	1/25/2019 7:26 PM	4.915	24199...	103.2021	172.88	316.2 -> 241...	116.94	572775			Oxycodone-D6	4.895	427662
Oxymorphone	302.1 -> 284...	1/25/2019 7:26 PM					302.1 -> 227...					Oxymorphone-D3	4.168	559247
Phentermine	150.1 -> 65.2	1/25/2019 7:26 PM					150.1 -> 133...					Phentermine-D5	5.033	831055
Promethazine	285.1 -> 86.2	1/25/2019 7:26 PM					285.1 -> 71.3					Promethazine-D3	6.367	15844...
Quetiapine	384.2 -> 253...	1/25/2019 7:26 PM					384.2 -> 221...					Quetiapine-D8	6.519	800138
Serrtraline	306.1 -> 158...	1/25/2019 7:26 PM					306.1 -> 275...					Serrtraline-D3	6.527	887916
Temazepam	301.1 -> 255...	1/25/2019 7:26 PM					301.1 -> 283...					Temazepam-D5	6.467	12828...
Tramadol	264.2 -> 58.3	1/25/2019 7:26 PM					264.2 -> 43.3					Tramadol-13C-D3	5.371	31888...

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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.	Calc. Conc.	S/N	MI	Transition	MI	S/N	Area	Name	RT	Resp.			
Trazodone	372.2 -> 176...	1/25/2019 7:26 PM						372.2 -> 148...				Trazodone-D6	6.763	27963..			
Venlafaxine	278.2 -> 58.3	1/25/2019 7:26 PM						278.2 -> 260...				Venlafaxine-D6	5.717	983224			
Zolpidem	308.2 -> 235...	1/25/2019 7:26 PM						308.2 -> 263...				Zolpidem-D6	6.302	40325..			

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.	Calc. Conc.	S/N	MI	Transition	MI	S/N	Area	Name	RT	Resp.
7-Aminoflunitrazepam	284.1 -> 135...	1/25/2019 6:57 PM	5.663	228271	10.0000	491.64	284.1 -> 93.2	106.22	23140	7-aminoflunitrazepam-D7	5.643	1099521		
Acetylfentanyl	323.2 -> 188...	1/25/2019 6:57 PM	6.004	11601	10.0000	2279.60	323.2 -> 105...	5947.67	36174	Acetylfentanyl-D5	6.003	2321834		
Acetylnorfentanyl	219.1 -> 84.2	1/25/2019 6:57 PM	4.796	17124	10.0000	5097.34	219.1 -> 56.3	3187.86	7000	Acetylnorfentanyl-D5	4.775	1003345		
alpha-hydroxymidazolam	342.1 -> 324...	1/25/2019 6:57 PM	6.407	80472	10.0000	34.59	342.1 -> 203...	39081.1...	63776	alpha-hydroxymidazolam-...	6.386	851790		
Amtripylyline	278.2 -> 91.2	1/25/2019 6:57 PM	6.417	560976	10.0000	Infinity	278.2 -> 105...	Infinity	212742	Amtripylyline-D3	6.415	1412991		
Carbamazepine	237.1 -> 193...	1/25/2019 6:57 PM	6.059	82034	10.0000	27337.37	237.1 -> 194...	Infinity	490166	Carbamazepine-13C6	6.078	3065399		
Chlordiazepoxide	300.1 -> 227...	1/25/2019 6:57 PM	6.535	59532	10.0000	7837.37	300.1 -> 282...	Infinity	127780	Chlordiazepoxide-D5	6.534	1638380		
Desipramine	267.2 -> 72.3	1/25/2019 6:57 PM	6.317	720099	10.0000	Infinity	267.2 -> 44.3	180.45	340929	Desipramine-D3	6.317	4316983		
Doxepin	280.2 -> 107...	1/25/2019 6:57 PM	6.152	166215	10.0000	71.59	280.2 -> 77.2	Infinity	75834	Doxepin-D3	6.151	602298		
Estazolam	295.1 -> 267...	1/25/2019 6:57 PM	6.333	201774	10.0000	45849.1...	295.1 -> 205...	42.05	104388	Estazolam-D5	6.331	1427519		
Flunitrazepam	314.1 -> 268...	1/25/2019 6:57 PM	6.390	258782	10.0000	41151.1...	314.1 -> 239...	241.96	83397	Flunitrazepam-D7	6.370	95390		
Flurazepam	388.2 -> 315...	1/25/2019 6:57 PM	6.263	504940	10.0000	77620.1...	388.2 -> 317...	199.01	65944	Zopiclone-D4	6.262	320163		
Imipramine	281.2 -> 86.2	1/25/2019 6:57 PM	6.375	813181	10.0000	Infinity	281.2 -> 58.3	Infinity	515304	Imipramine-D3	6.353	2682021		
Levamisole	205.1 -> 91.2	1/25/2019 6:57 PM	5.003	115441	10.0000	Infinity	205.1 -> 178...	1071.59	106242	Sufentanil-D5	6.646	3877695		
Maprotiline	278.2 -> 91.2	1/25/2019 6:57 PM	4.944	399726	10.0000	Infinity	278.2 -> 117...	1226.67	2938	Amtripylyline-D3	6.415	1412991		
MDA	180.1 -> 163...	1/25/2019 6:57 PM	5.970	147884	10.0000	Infinity	180.1 -> 105...	208.49	63212	MDA-D5	4.923	491189		
MDEA	208.1 -> 163...	1/25/2019 6:57 PM	5.205	273600	10.0000	2383.79	208.1 -> 105...	Infinity	145611	MDEA-D6	5.205	1008176		
MDMA	194.1 -> 163...	1/25/2019 6:57 PM	5.045	314312	10.0000	Infinity	194.1 -> 105...	Infinity	133622	MDMA-D6	5.024	78293		
Meperidine	248.2 -> 220...	1/25/2019 6:57 PM	5.608	165491	10.0000	298.27	248.2 -> 174...	65066.1...	113935	Meperidine-D4	5.587	750119		
Methylphenidate	234.2 -> 84.2	1/25/2019 6:57 PM	5.487	614943	10.0000	Infinity	234.2 -> 56.3	Infinity	152502	Meperidine-D4	5.587	750119		
Midazolam	326.1 -> 223...	1/25/2019 6:57 PM	6.571	92359	10.0000	47816.1...	326.1 -> 249...	321.15	112790	Midazolam-D4	6.570	1397222		
Normeperidine	234.1 -> 42.3	1/25/2019 6:57 PM	5.549	162195	10.0000	289.67	234.1 -> 160...	138.40	73485	Normeperidine-D4	5.547	794916		
Nortriptyline	264.2 -> 91.2	1/25/2019 6:57 PM	6.358	228990	10.0000	Infinity	264.2 -> 233...	28968.1...	114449	Nortriptyline-D3	6.357	910745		
Phenazepam	349.0 -> 206...	1/25/2019 6:57 PM	6.467	78695	10.0000	12718.1...	349.0 -> 183...	86.40	53697	Phenazepam-D4	6.446	341340		
Phencyclidine	244.2 -> 86.2	1/25/2019 6:57 PM	5.852	164276	10.0000	301.83	244.2 -> 91.1	69775.1...	189885	Phencyclidine-D5	5.831	1142679		
Phenytol	253.1 -> 104...	1/25/2019 6:57 PM	5.994	4837	10.0000	13.71	253.1 -> 182...	505.72	1851	Phenytol-D10	5.952	19399		
Pseudoephedrine	166.1 -> 148...	1/25/2019 6:57 PM	6.648	5389143	10.0000	Infinity	166.1 -> 133...	Infinity	11025...	Pseudoephedrine-D3	4.523	213750...		
Sufentanil	387.2 -> 238...	1/25/2019 6:57 PM	5.387	52597	10.0000	16486.1...	387.2 -> 111...	22658.1...	38732	Sufentanil-D5	6.646	3877695		
Tapentadol	222.2 -> 107...	1/25/2019 6:57 PM	5.387	310908	10.0000	Infinity	222.2 -> 121...	18395.1...	142896	Tapentadol-D3	5.387	1237094		
Zaleplon	306.1 -> 236...	1/25/2019 6:57 PM	6.168	201336	10.0000	1664.91	306.1 -> 264...	78735.1...	187461	Zaleplon-D4	6.168	663129		
Zopiclone	389.1 -> 244...	1/25/2019 6:57 PM	6.283	75651	10.0000	122.10	389.1 -> 216...	315.66	35196	Zopiclone-D4	6.262	320163		

Compound Method		p2 negative		p2 negative Results				Qualifier 1 M...		Qualifier 1 R...		ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	Calc. Conc.	S/N	MI	Transition	MI	S/N	Area	Name	RT	Resp.	
Acetylfentanyl	323.2 -> 188...	1/25/2019 7:17 PM						323.2 -> 105...				Acetylfentanyl-D5	6.003	2249348	
alpha-hydroxymidazolam...	342.1 -> 324...	1/25/2019 7:17 PM						342.1 -> 203...				alpha-hydroxymidazolam-...	6.386	868408	
Amitriptyline	278.2 -> 91.2	1/25/2019 7:17 PM						278.2 -> 105...				Amitriptyline-D3	6.415	1346139	
Acetylnorfentanyl	219.1 -> 84.2	1/25/2019 7:17 PM						219.1 -> 56.3				Acetylnorfentanyl-D5	4.775	952916	
Carbamazepine	237.1 -> 193...	1/25/2019 7:17 PM						237.1 -> 194...				Carbamazepine-13C6	6.078	3018467	
Chlordiazepoxide	300.1 -> 227...	1/25/2019 7:17 PM						300.1 -> 282...				Chlordiazepoxide-D5	6.534	1631864	
Sufentanil	387.2 -> 238...	1/25/2019 7:17 PM						387.2 -> 111...				Sufentanil-D5	6.646	3791398	
Desipramine	267.2 -> 72.3	1/25/2019 7:17 PM						267.2 -> 44.3				Desipramine-D3	6.317	4265324	
Doxepin	280.2 -> 107...	1/25/2019 7:17 PM						280.2 -> 77.2				Doxepin-D3	6.151	538913	
Estazolam	295.1 -> 267...	1/25/2019 7:17 PM						295.1 -> 205...				Estazolam-D5	6.331	1406814	
Flunitrazepam	314.1 -> 268...	1/25/2019 7:17 PM						314.1 -> 239...				Flunitrazepam-D7	6.370	102021	
Flurazepam	388.2 -> 315...	1/25/2019 7:17 PM						388.2 -> 317...				Zopiclone-D4	6.262	368667	
Imipramine	281.2 -> 86.2	1/25/2019 7:17 PM						281.2 -> 58.3				Imipramine-D3	6.353	2610874	
Levamisole	205.1 -> 91.2	1/25/2019 7:17 PM						205.1 -> 178...				Sufentanil-D5	6.646	3791398	
Maprotiline	278.2 -> 91.2	1/25/2019 7:17 PM						278.2 -> 117...				Amitriptyline-D3	6.415	1346139	
MDA	180.1 -> 163...	1/25/2019 7:17 PM						180.1 -> 105...				MDA-D5	4.923	506591	
MDEA	208.1 -> 163...	1/25/2019 7:17 PM						208.1 -> 105...				MDEA-D6	5.185	962621	
MDMA	194.1 -> 163...	1/25/2019 7:17 PM						194.1 -> 105...				MDMA-D6	5.024	80500	
Meperidine	248.2 -> 220...	1/25/2019 7:17 PM						248.2 -> 174...				Meperidine-D4	5.587	714895	
Methyphenidate	234.2 -> 84.2	1/25/2019 7:17 PM						234.2 -> 56.3				Meperidine-D4	5.587	714895	
Midazolam	326.1 -> 223...	1/25/2019 7:17 PM						326.1 -> 249...				Midazolam-D4	6.570	1381522	
Normeperidine	234.1 -> 42.3	1/25/2019 7:17 PM						234.1 -> 160...				Normeperidine-D4	5.547	744689	
7-Aminoflunitrazepam	284.1 -> 135...	1/25/2019 7:17 PM						284.1 -> 93.2				7-aminoflunitrazepam-D7	5.643	1043542	
Nortriptyline	264.2 -> 91.2	1/25/2019 7:17 PM						264.2 -> 233...				Nortriptyline-D3	6.357	907112	
Phenazepam	349.0 -> 206...	1/25/2019 7:17 PM						349.0 -> 183...				Phenazepam-D4	6.446	368762	
Phencyclidine	244.2 -> 86.2	1/25/2019 7:17 PM						244.2 -> 91.1				Phencyclidine-D5	5.831	1060071	
Phenytoln	253.1 -> 104...	1/25/2019 7:17 PM	5.912	704	1.3035	68.53		253.1 -> 182...				Phenytoln-D10	5.952	21649	
Pseudoephedrine	166.1 -> 148...	1/25/2019 7:17 PM						166.1 -> 133...				Pseudoephedrine-D3	4.502	220003...	
Tapentadol	222.2 -> 107...	1/25/2019 7:17 PM						222.2 -> 121...				Tapentadol-D3	5.387	1193302	
Zaleplon	306.1 -> 236...	1/25/2019 7:17 PM						306.1 -> 284...				Zaleplon-D4	6.168	674589	
Zopiclone	389.1 -> 244...	1/25/2019 7:17 PM						389.1 -> 216...				Zopiclone-D4	6.262	368667	

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.	Calc. Conc.	S/N	MI	Transition	MI	S/N	Area	Name	RT	Resp.
Acetylfentanyl	323.2 -> 188...	1/25/2019 7:36 PM						323.2 -> 105...				Acetylfentanyl-D5	6.003	2244259
alpha-hydroxymidazolam...	342.1 -> 324...	1/25/2019 7:36 PM						342.1 -> 203...				alpha-hydroxymidazolam-...	6.386	8859114
Amiripityline	278.2 -> 91.2	1/25/2019 7:36 PM						278.2 -> 105...				Amiripityline-D3	6.415	1358811
Acetylnorfentanyl	219.1 -> 84.2	1/25/2019 7:36 PM						219.1 -> 56.3				Acetylnorfentanyl-D5	4.755	9852333
Carbamazepine	237.1 -> 193...	1/25/2019 7:36 PM						237.1 -> 194...				Carbamazepine-13C6	6.078	2886029
Chlordiazepoxide	300.1 -> 227...	1/25/2019 7:36 PM						300.1 -> 282...				Chlordiazepoxide-D5	6.534	1621116
Sulfentanil	387.2 -> 238...	1/25/2019 7:36 PM						387.2 -> 111...				Sulfentanil-D5	6.646	3687138
Desipramine	267.2 -> 72.3	1/25/2019 7:36 PM						267.2 -> 44.3				Desipramine-D3	6.317	4386682
Doxepin	280.2 -> 107...	1/25/2019 7:36 PM						280.2 -> 77.2				Doxepin-D3	6.151	521587
Estazolam	295.1 -> 267...	1/25/2019 7:36 PM						295.1 -> 205...				Estazolam-D5	6.331	1402709
Flunitrazepam	314.1 -> 268...	1/25/2019 7:36 PM						314.1 -> 239...				Flunitrazepam-D7	6.370	99422
Flurazepam	388.2 -> 315...	1/25/2019 7:36 PM						388.2 -> 317...				Zopiclone-D4	6.262	279846
Imipramine	281.2 -> 86.2	1/25/2019 7:36 PM						281.2 -> 58.3				Imipramine-D3	6.353	2593279
Levamisole	205.1 -> 91.2	1/25/2019 7:36 PM						205.1 -> 178...				Sulfentanil-D5	6.646	3687138
Maprotiline	278.2 -> 91.2	1/25/2019 7:36 PM						278.2 -> 117...				Amiripityline-D3	6.415	1358811
MDA	180.1 -> 163...	1/25/2019 7:36 PM						180.1 -> 105...				MDA-D5	4.903	475703
MDEA	208.1 -> 163...	1/25/2019 7:36 PM						208.1 -> 105...				MDEA-D6	5.185	908358
MDMA	194.1 -> 163...	1/25/2019 7:36 PM						194.1 -> 105...				MDMA-D6	5.024	70553
Meperidine	248.2 -> 220...	1/25/2019 7:36 PM	5.588	1731339	115.9128	Infinity		248.2 -> 174...		209....	12184...	Meperidine-D4	5.587	677026
Methylphenidate	234.2 -> 84.2	1/25/2019 7:36 PM						234.2 -> 56.3				Meperidine-D4	5.587	677026
Midazolam	326.1 -> 223...	1/25/2019 7:36 PM						326.1 -> 249...				Midazolam-D4	6.570	1353960
Normeperidine	234.1 -> 42.3	1/25/2019 7:36 PM						234.1 -> 160...				Normeperidine-D4	5.547	840348
7-Aminoflunitrazepam	284.1 -> 135...	1/25/2019 7:36 PM						284.1 -> 93.2				7-aminoflunitrazepam-D7	5.643	977231
Nortriptyline	264.2 -> 91.2	1/25/2019 7:36 PM						264.2 -> 233...				Nortriptyline-D3	6.357	952427
Phenazepam	349.0 -> 206...	1/25/2019 7:36 PM						349.0 -> 183...				Phenazepam-D4	6.446	330254
Phencyclidine	244.2 -> 86.2	1/25/2019 7:36 PM						244.2 -> 91.1				Phencyclidine-D5	5.831	1058641
Phenytoln	253.1 -> 104...	1/25/2019 7:36 PM	6.217	332	0.6479	237.93		253.1 -> 182...				Phenytoln-D10	5.952	20540
Pseudoephedrine	166.1 -> 148...	1/25/2019 7:36 PM						166.1 -> 133...				Pseudoephedrine-D3	4.462	232403..
Tapentadol	222.2 -> 107...	1/25/2019 7:36 PM						222.2 -> 121...				Tapentadol-D3	5.387	1145737
Zaleplon	306.1 -> 236...	1/25/2019 7:36 PM						306.1 -> 264...				Zaleplon-D4	6.168	663982
Zopiclone	389.1 -> 244...	1/25/2019 7:36 PM						389.1 -> 216...				Zopiclone-D4	6.262	279846