

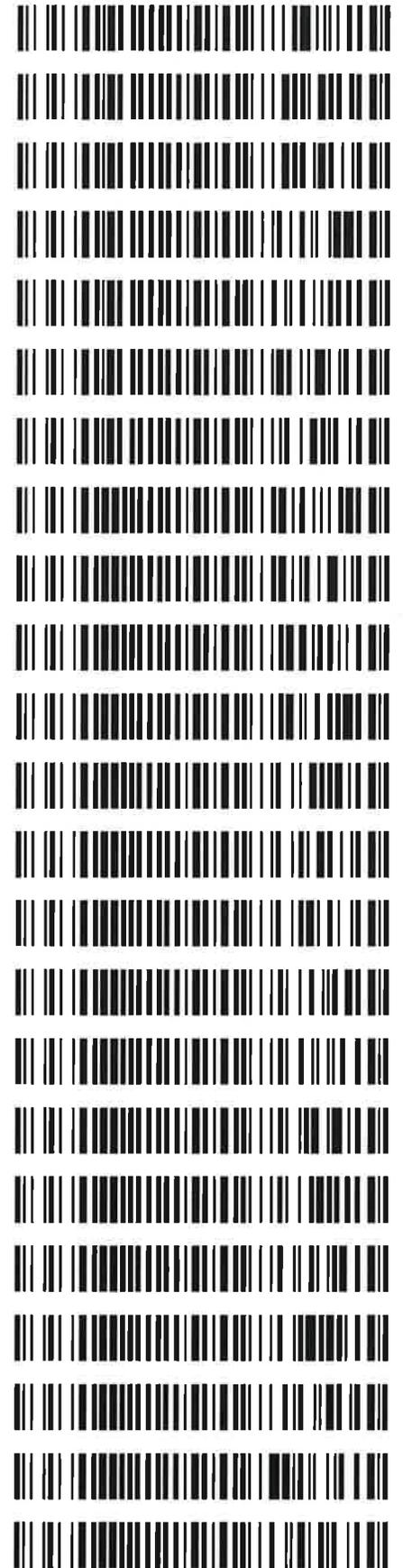
Worklist: 2328

reviewed 5/24/18

Bylee

P

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2018-1374	1	110363	AM 25 Blood Multi-Drug Screen by LC-QQQ
M2018-1374	2	110994	AM 25 Blood Multi-Drug Screen by LC-QQQ
M2018-1374	3	110998	AM 25 Blood Multi-Drug Screen by LC-QQQ
M2018-1395	1	110387	AM 25 Blood Multi-Drug Screen by LC-QQQ
M2018-1445	1	110672	AM 25 Blood Multi-Drug Screen by LC-QQQ
M2018-1507	1	110923	AM 25 Blood Multi-Drug Screen by LC-QQQ
M2018-1693	2	112018	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-0772	1	109965	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-0774	1	109972	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1001	1	111873	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1002	1	111876	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1025	1	112266	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1026	1	112269	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1027	1	112272	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1030	1	112346	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1031	1	112349	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1032	1	112352	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1033	1	112355	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1041	1	112416	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1056	1	112456	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1067	1	112714	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1092	1	112818	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1097	1	112862	AM 25 Blood Multi-Drug Screen by LC-QQQ



Worklist: 2328

R

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
P2018-1102	1	112939	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1108	1	113004	AM 25 Blood Multi-Drug Screen by LC-QQQ



Multi-Drug Screen in Blood by LC-MS/MS

R

Extraction Date: 04/27/18

Analyst: Sarah Pickle

Plate lot#: 0515207

Plate Expiration: 10/18/18

Mobile phase A: 10mM Ammonium Formate
0.5M Ammonium Hydroxide

Mobile phase B 0.1% Formic acid in MeOH
Ethyl Acetate

Blank Blood Lot: 361331-2

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

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:

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** buffer 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. 4 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
Wait 5 minutes
- 8. Add **900µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- 9. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*
- 10. Add **900µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*
- 12. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID 067103
- 13. Reconstitute in **100µL 100% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

POST- ANALYTIC

- 1. Create batch and process data.
Worklist path: 042718 MDS TS SP Batch Name: MDS P1 wklst 2328 SP/MDS P2 wklst 2328 SP
- 2. 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. > 1/5 the response of administrative control.
- 3. Did all QCs pass for each analyte? Y / N _____
- 4. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

Did not evaluate: Levamisole due to missing qualifier peaks
Protriptyline due to missing secondary peak



Idaho State Police Forensic Services

P

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

Analyst: Sarah Pickle
Extraction Date: 4/27/18
Worklist Number: 2328

<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	361331-2		12/27/17		
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)	177529 177528 S		03/05/18		
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)	030818		3/8/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	041018		04/10/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	042418		04/24/18		

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.

Component	Source	Source Lot Number
Negative Blood	Hemostat	361331-2
Methanol External Control Solution		042618
Prepared:	04/26/18	
Prepared by:	Tamara Salazar	
Expires:	04/26/19	

0.5M Ammonium Hydroxide (Lot: 032918)

Component	Source	Source Lot Number
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: 030818)

Component	Source	Source Lot Number
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	102301 177528
Prepared:	03/08/18	
Prepared By:	Tamara Salazar	

0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 041018)

Component	Source	Source Lot Number
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	04/10/18	
Prepared By:	Tamara Salazar	

Needle Rinse (75% LCMS MeOH in LCMS Water)(Lot: ~~030818~~ 042418)

Component	Source	Source Lot Number
MeOH (LCMS Grade)	Fisher	172516
Water (LCMS Grade)	Fisher	177528
Prepared:	04/24/18	
Prepared By:	Tamara Salazar	

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042418

~~030818~~

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Compound Method				p.i. ca. la				p.i. ca. la Results				Qualifier I M...				ISID Method				ISID Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	Ml	Transition	Area	S/N	Ml	Transition	Area	S/N	Ml	Name	Transition	RT	Resp.	Ml		
6-MAM	328.2 -> 165...	4/27/2018 12:44 P...	5.265	2773	492.17	328.2 -> 211...	937	Infinity	34.16	6-MAM-D6	334.2 -> 165...	5.244	84835								
7-aminoclonazepam	286.1 -> 121...	4/27/2018 12:44 P...	5.374	46791	108.95	286.1 -> 222...	12714	34.16	34.16	7-Aminoclonazepam-D4	290.1 -> 121...	5.373	82813								
Acetyl Fentanyl	323.2 -> 105...	4/27/2018 12:44 P...	5.795	15402	48.34	323.2 -> 188...	5408	28.83	28.83	Acetyl Fentanyl-D5	328.2 -> 105...	5.773	1702692								
Acetyl Norfentanyl	219.1 -> 84.2	4/27/2018 12:44 P...	4.893	9646	11.68	219.1 -> 56.3	3214	11.00	11.00	Acetyl Norfentanyl-D5	224.2 -> 84.2	4.913	559574								
a-hydroxylprazolam	325.1 -> 297...	4/27/2018 12:44 P...	6.180	18775	24.37	325.1 -> 215...	4538	16.64	16.64	a-hydroxylprazolam-D5	330.1 -> 302...	6.159	90276								
alpha-PVP	232.2 -> 91.0	4/27/2018 12:44 P...	5.504	97597	Infinity	232.2 -> 77.1	65089	2001.54	2001.54	alpha-PVP-d8	240.2 -> 91.1	5.503	792786								
Alprazolam	309.1 -> 281...	4/27/2018 12:44 P...	6.265	120806	38173.24	309.1 -> 205...	48067	131.89	131.89	Alprazolam-D5	314.1 -> 286...	6.264	503861								
Amphetamine	136.1 -> 91.1	4/27/2018 12:44 P...	4.896	117908	Infinity	136.1 -> 119...	28067	38.47	38.47	Amphetamine-D11	147.2 -> 130...	4.834	9704								
Bupropion	240.1 -> 184...	4/27/2018 12:44 P...	5.686	86020	12760.21	240.1 -> 131...	1061...	203.55	203.55	Bupropion-D9	249.2 -> 185...	5.665	200230								
Carisoprodol	261.2 -> 176...	4/27/2018 12:44 P...	5.949	10149	1247.86	261.2 -> 55.3	58400	467.94	467.94	Carisoprodol-D7	268.2 -> 183...	5.887	106827								
Citalopram	325.2 -> 109...	4/27/2018 12:44 P...	5.896	227604	85202.81	325.2 -> 262...	50691	6470.54	6470.54	Citalopram-D6	331.2 -> 109...	5.895	571743								
Clonazepam	316.1 -> 269...	4/27/2018 12:44 P...	6.101	58489	12231.30	316.1 -> 213...	8914	42.27	42.27	Clonazepam-D4	320.1 -> 217...	6.101	58283								
Codeine	300.2 -> 215...	4/27/2018 12:44 P...	5.270	16888	69.50	300.2 -> 165...	13456	3023.26	3023.26	Codeine-D6	306.2 -> 218...	5.207	64668								
Cyclobenzaprine	276.2 -> 214...	4/27/2018 12:44 P...	6.170	91734	234.09	276.2 -> 231...	38200	Infinity	Infinity	Cyclobenzaprine-D3	279.2 -> 215...	6.169	508424								
Dextromethorphan	272.2 -> 171...	4/27/2018 12:44 P...	5.947	112747	265.68	272.2 -> 147...	1075...	21875...	21875...	Dextromethorphan-D3	275.2 -> 171...	5.947	321362								
Dextropropam	258.2 -> 157...	4/27/2018 12:44 P...	5.399	54663	124.50	258.2 -> 133...	58156	145.42	145.42	Dextropropam-D3	261.2 -> 157...	5.399	311933								
Diazepam	285.1 -> 193...	4/27/2018 12:44 P...	6.512	54401	73.15	285.1 -> 153...	76943	39.75	39.75	Diazepam-D5	290.1 -> 198...	6.491	219366								
Dihydrocodeine	302.2 -> 198...	4/27/2018 12:44 P...	5.023	21436	54.01	302.2 -> 128...	21902	35.15	35.15	Dihydrocodeine-D6	308.2 -> 202...	5.002	108883								
Diphenhydramine	256.2 -> 167...	4/27/2018 12:44 P...	5.868	377462	66438.24	256.2 -> 152...	90158	960.38	960.38	Diphenhydramine-D3	259.2 -> 167...	5.868	1822030								
Doxylamine	271.2 -> 182...	4/27/2018 12:44 P...	5.561	154084	132.06	271.2 -> 167...	2552...	Infinity	Infinity	Doxylamine-D5	276.2 -> 187...	5.539	444880								
EDDP	279.2 -> 235...	4/27/2018 12:44 P...	5.925	397706	149710...	279.2 -> 250...	2112...	58826...	58826...	EDDP-D3	282.2 -> 235...	5.925	184237								
Fentanyl	337.2 -> 105...	4/27/2018 12:44 P...	5.955	15058	47.62	337.2 -> 188...	6019	38.94	38.94	Fentanyl-D5	342.3 -> 105...	5.955	1241839								
Fluoxetine	310.1 -> 44.3	4/27/2018 12:44 P...	6.123	389191	Infinity	310.1 -> 148...	7123	13.14	13.14	Fluoxetine-D6	316.2 -> 44.3	6.101	1769480								
Hydrocodone	300.2 -> 198...	4/27/2018 12:44 P...	5.434	32904	Infinity	300.2 -> 128...	18586	Infinity	Infinity	Hydrocodone-D6	306.2 -> 202...	5.393	263513								
Hydromorphone	286.2 -> 184...	4/27/2018 12:44 P...	4.884	31800	Infinity	286.2 -> 157...	23466	Infinity	Infinity	Hydromorphone-D6	292.2 -> 185...	4.842	87092								
Ketamine	238.1 -> 125...	4/27/2018 12:44 P...	5.585	195403	Infinity	238.1 -> 220...	38706	47.18	47.18	Ketamine-D4	242.1 -> 129...	5.564	783761								
Meprobamate	219.1 -> 158...	4/27/2018 12:44 P...	5.443	20477	103.93	219.1 -> 97.1	9221	Infinity	Infinity	Meprobamate-D7	226.2 -> 165...	5.423	8868								
Methadone	310.2 -> 265...	4/27/2018 12:44 P...	6.204	311523	Infinity	310.2 -> 105...	1951...	Infinity	Infinity	Methadone-D9	319.3 -> 268...	6.202	1254937								
Methamphetamine	150.1 -> 91.1	4/27/2018 12:44 P...	5.037	102800	Infinity	150.1 -> 119...	17249	58.78	58.78	Methamphetamine-D11	161.2 -> 97.1	5.016	150818								
Morphine	286.2 -> 201...	4/27/2018 12:44 P...	4.640	6557	2017.44	286.2 -> 165...	5806	35.70	35.70	Morphine-D6	292.2 -> 152...	4.539	4940								
Naloxone	328.2 -> 309...	4/27/2018 12:44 P...	5.469	66095	Infinity	328.2 -> 211...	11754	1313.40	1313.40	Naloxone-D5	333.2 -> 315...	5.468	150118								
Naltrexol	344.2 -> 326...	4/27/2018 12:44 P...	5.100	145049	471.84	344.2 -> 308...	31810	4874.96	4874.96	Naltrexol-D3	347.2 -> 329...	5.079	198040								
Naltrexone	342.2 -> 324...	4/27/2018 12:44 P...	5.345	29967	5041.00	342.2 -> 55.3	45675	31.93	31.93	Naltrexone-D3	345.2 -> 327...	5.304	420637								
Norbuprenorphine	414.3 -> 101...	4/27/2018 12:44 P...	5.709	3538	23.98	414.3 -> 57.3	6338	15.22	15.22	Norbuprenorphine-D3	417.3 -> 101...	5.709	11280								
Nordiazepam	271.1 -> 140...	4/27/2018 12:44 P...	6.334	85577	Infinity	271.1 -> 208...	26690	Infinity	Infinity	Nordiazepam-D5	276.1 -> 140...	6.333	248149								
Norfentanyl	233.2 -> 84.2	4/27/2018 12:44 P...	5.340	202635	37816.39	233.2 -> 55.3	64621	233.63	233.63	Norfentanyl-D5	238.2 -> 84.2	5.320	882930								
Norhydrocodone	286.2 -> 199...	4/27/2018 12:44 P...	5.047	5273	13.39	286.2 -> 171...	857	3.63	3.63	Norhydrocodone-D3	289.2 -> 202...	5.025	72139								
Noroxycodone	302.1 -> 284...	4/27/2018 12:44 P...	4.922	12826	1638.44	302.1 -> 186...	16124	53.05	53.05	Noroxycodone-D3	305.2 -> 287...	4.942	147237								
O-desmethyl-tramadol	250.2 -> 58.3	4/27/2018 12:44 P...	4.951	360264	Infinity	250.2 -> 42.3	7531	1669.26	1669.26	O-desmethyl-tramadol...	256.2 -> 64.3	4.951	1032813								
Oxazepam	287.1 -> 240...	4/27/2018 12:44 P...	6.167	64230	Infinity	287.1 -> 268...	56805	Infinity	Infinity	Oxazepam-D5	292.1 -> 246...	6.146	469818								
Oxycodone	316.2 -> 298...	4/27/2018 12:44 P...	5.206	150931	Infinity	316.2 -> 241...	30410	34.11	34.11	Oxycodone-D6	322.2 -> 304...	5.144	256295								
Oxymorphone	302.1 -> 284...	4/27/2018 12:44 P...	4.537	106454	Infinity	302.1 -> 227...	13011	5688.27	5688.27	Oxymorphone-D3	305.2 -> 287...	4.496	552853								
Phentermine	150.1 -> 65.2	4/27/2018 12:44 P...	5.179	22577	Infinity	150.1 -> 133...	2367	Infinity	Infinity	Phentermine-D5	155.2 -> 96.2	5.158	298696								
Promethazine	285.1 -> 86.2	4/27/2018 12:44 P...	6.188	362849	1973.36	285.1 -> 71.3	71256	953.42	953.42	Promethazine-D3	288.2 -> 89.2	6.167	1385560								
Quetiapine	384.2 -> 253...	4/27/2018 12:44 P...	6.278	281374	61574.97	384.2 -> 221...	1192...	578.77	578.77	Quetiapine-D8	392.2 -> 226...	6.236	313522								
Sertraline	306.1 -> 158...	4/27/2018 12:44 P...	6.388	141144	484.16	306.1 -> 275...	72109	143.06	143.06	Sertraline-D3	309.1 -> 275...	6.387	551010								
Sufentanil	387.2 -> 238...	4/27/2018 12:44 P...	6.298	11647	38.08	387.2 -> 111...	12219	23.18	23.18	Sufentanil-D5	392.2 -> 238...	6.277	535142								
Temazepam	301.1 -> 255...	4/27/2018 12:44 P...	6.308	153830	181.65	301.1 -> 283...	60427	27.08	27.08	Temazepam-D5	306.1 -> 260...	6.307	1000678								

Compound Name		p i c a i a Results			Quantifier Results			ISID Method			ISID Results				
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	MI
Tramadol	264.2 -> 58.3	4/27/2018 12:44 P..	5.419	456362	Infinity	372.2 -> 148..	264.2 -> 43.3	5872	10.56	372.2 -> 148..	Tramadol-13C-D3	268.2 -> 58.3	5.419	1992375	372.2 -> 148..
Trazodone	372.2 -> 176..	4/27/2018 12:44 P..	6.441	318757	1234.33	278.2 -> 260..	372.2 -> 148..	3629..	Infinity	278.2 -> 260..	Trazodone-D6	378.2 -> 182..	6.380	1010772	372.2 -> 148..
Venlafaxine	278.2 -> 58.3	4/27/2018 12:44 P..	5.681	379730	Infinity	308.2 -> 235..	278.2 -> 260..	24910	78.36	308.2 -> 263..	Venlafaxine-D6	284.2 -> 64.3	5.660	964245	308.2 -> 235..
Zolpidem	308.2 -> 235..	4/27/2018 12:44 P..	6.084	363613	1874.12		308.2 -> 263..	1295..	414.22		Zolpidem-D6	314.2 -> 235..	6.082	2236668	

Compound Method			p1 external control				p1 external control Results				Qualifier Results				IS-LU Method				IS-LU Results			
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	MI	Results	Name	Transition	RT	Resp.	MI	Results
6-MIAM	328.2 -> 165	4/27/2018 1:23 P...	5.122	146	81.67	174.60	328.2 -> 211...	624	174.60	6-MAM-D6	334.2 -> 165...	5.244	91345									
7-aminoclonazepam	286.1 -> 121...	4/27/2018 1:23 P...	5.957	178	0.43	12696...	286.1 -> 222...			7-Aminoclonazepam-D4	290.1 -> 121...	5.373	106928									
Acetyl Fentanyl	323.2 -> 105...	4/27/2018 1:23 P...	4.934	207	0.64	115	323.2 -> 188...			Acetyl Fentanyl-D5	328.2 -> 105...	5.773	17717...									
Acetyl Norfentanyl	219.1 -> 84.2	4/27/2018 1:23 P...	5.545	45	0.22	213	219.1 -> 56.3	115	1.27	Acetyl Norfentanyl-D5	224.2 -> 84.2	4.913	569707									
a-hydroxylprazolam	325.1 -> 297...	4/27/2018 1:23 P...	6.083	15642	5.93	374	325.1 -> 215...			a-hydroxylprazolam-D5	330.1 -> 302...	6.159	112889									
alpha-PVP	232.2 -> 91.0	4/27/2018 1:23 P...	5.829	173	1.01	3654	232.2 -> 77.1	213	0.68	alpha-PVP-d8	240.2 -> 91.1	5.503	871942									
Alprazolam	309.1 -> 281...	4/27/2018 1:23 P...	6.211	269	25.27	133	309.1 -> 205...	374	1.03	Alprazolam-D5	314.1 -> 286...	6.244	567847									
Amphetamine	136.1 -> 91.1	4/27/2018 1:23 P...	5.936	310	0.89	51	136.1 -> 119...			Amphetamine-D11	147.2 -> 130...	4.855	10572									
Bupropion	240.1 -> 184...	4/27/2018 1:23 P...	6.020	269	0.56	217	240.1 -> 131...	3654	6.00	Bupropion-D9	249.2 -> 185...	5.685	189842									
Carisoprodol	261.2 -> 176...	4/27/2018 1:23 P...	5.481	938	3.35	272.2 -> 171...	261.2 -> 55.3			Carisoprodol-D7	268.2 -> 183...	5.887	100041									
Citalopram	325.2 -> 109...	4/27/2018 1:23 P...	6.492	622471	Infinity	10001...	325.2 -> 262...			Citalopram-D6	331.2 -> 109...	5.895	597594									
Clonazepam	316.1 -> 269...	4/27/2018 1:23 P...	5.085	50	2.56	217	316.1 -> 213...			Clonazepam-D4	320.1 -> 217...	6.101	60383									
Codeine	300.2 -> 215...	4/27/2018 1:23 P...	6.211	79	0.56	133	300.2 -> 165...			Codeine-D6	306.2 -> 218...	5.228	72722									
Cyclobenzaprine	276.2 -> 214...	4/27/2018 1:23 P...	5.434	50	50.76	300.2 -> 128...	276.2 -> 231...	133	0.55	Cyclobenzaprine-D3	279.2 -> 215...	6.169	550732									
Dextromethorphan	272.2 -> 171...	4/27/2018 1:23 P...	5.986	542	2.35	272.2 -> 147...	272.2 -> 171...			Dextromethorphan-D3	275.2 -> 217...	5.947	332391									
Dextroproprian	258.2 -> 157...	4/27/2018 1:23 P...	5.481	938	3.35	51	258.2 -> 133...	51	0.77	Dextroproprian-D3	261.2 -> 157...	5.419	326599									
Diazepam	285.1 -> 193...	4/27/2018 1:23 P...	6.492	622471	Infinity	10001...	285.1 -> 153...	10001...	12696...	Diazepam-D5	290.1 -> 198...	6.471	259514									
Dihydrocodeine	302.2 -> 198...	4/27/2018 1:23 P...	5.085	50	2.56	217	302.2 -> 128...	217	1.32	Dihydrocodeine-D6	308.2 -> 202...	5.002	145902									
Diphenhydramine	256.2 -> 167...	4/27/2018 1:23 P...	6.158	186	0.61	45	256.2 -> 152...			Diphenhydramine-D3	259.2 -> 167...	5.868	17946...									
Doxylamine	271.2 -> 182...	4/27/2018 1:23 P...	5.986	542	2.35	271.2 -> 167...	271.2 -> 167...			Doxylamine-D5	276.2 -> 187...	5.560	456974									
EDDP	279.2 -> 235...	4/27/2018 1:23 P...	6.158	186	0.61	45	279.2 -> 250...	45	0.68	EDDP-D3	282.2 -> 235...	5.925	193764									
Fentanyl	337.2 -> 105...	4/27/2018 1:23 P...	5.434	50	50.76	337.2 -> 188...	337.2 -> 188...			Fentanyl-D5	342.3 -> 105...	5.955	13717...									
Fluoxetine	310.1 -> 44.3	4/27/2018 1:23 P...	5.434	50	50.76	310.1 -> 148...	310.1 -> 148...			Fluoxetine-D6	316.2 -> 44.3	6.101	19544...									
Hydrocodone	300.2 -> 198...	4/27/2018 1:23 P...	5.434	50	50.76	300.2 -> 128...	300.2 -> 128...			Hydrocodone-D6	306.2 -> 202...	5.414	293275									
Hydromorphone	286.2 -> 184...	4/27/2018 1:23 P...	5.434	50	50.76	286.2 -> 157...	286.2 -> 157...			Hydromorphone-D6	292.2 -> 185...	4.842	96794									
Ketamine	238.1 -> 125...	4/27/2018 1:23 P...	5.434	50	50.76	238.1 -> 220...	238.1 -> 220...			Ketamine-D4	242.1 -> 129...	5.564	824893									
Meprobamate	219.1 -> 158...	4/27/2018 1:23 P...	5.341	292	1.16	255	219.1 -> 97.1	255	1.10	Meprobamate-D7	226.2 -> 165...	5.423	13050									
Methadone	310.2 -> 265...	4/27/2018 1:23 P...	6.102	410	6.12	310.2 -> 105...	310.2 -> 105...			Methadone-D9	319.3 -> 268...	6.202	13703...									
Methamphetamine	150.1 -> 91.1	4/27/2018 1:23 P...	5.118	17525	4.57	150.1 -> 119...	150.1 -> 119...			Methamphetamine-D11	161.2 -> 97.1	5.036	168126									
Morphine	286.2 -> 201...	4/27/2018 1:23 P...	5.469	795	1.43	287	286.2 -> 165...	287	1.37	Morphine-D6	292.2 -> 152...	4.539	2978									
Naloxone	328.2 -> 309...	4/27/2018 1:23 P...	5.325	8731	Infinity	328.2 -> 211...	328.2 -> 211...	287	1.37	Naloxone-D5	333.2 -> 315...	5.488	164226									
Naltrexol	344.2 -> 326...	4/27/2018 1:23 P...	5.325	8731	Infinity	344.2 -> 308...	344.2 -> 308...			Naltrexol-D3	347.2 -> 329...	5.079	203221									
Naltrexone	342.2 -> 324...	4/27/2018 1:23 P...	5.325	8731	Infinity	342.2 -> 55.3	342.2 -> 55.3			Naltrexone-D3	345.2 -> 327...	5.324	473030									
Norbuprenorphine	414.3 -> 101...	4/27/2018 1:23 P...	5.325	8731	Infinity	414.3 -> 57.3	414.3 -> 57.3			Norbuprenorphine-D3	417.3 -> 101...	5.709	13834									
Nordiazepam	271.1 -> 140...	4/27/2018 1:23 P...	5.325	8731	Infinity	271.1 -> 208...	271.1 -> 208...			Nordiazepam-D5	276.1 -> 140...	6.333	285925									
Norfentanyl	233.2 -> 84.2	4/27/2018 1:23 P...	5.087	586	233.19	233.2 -> 55.3	233.2 -> 55.3			Norfentanyl-D5	238.2 -> 84.2	5.340	950687									
Norhydrocodone	286.2 -> 199...	4/27/2018 1:23 P...	4.922	341	1.48	392	286.2 -> 171...	392	4.89	Norhydrocodone-D3	289.2 -> 202...	5.046	78001									
Noroxycodone	302.1 -> 284...	4/27/2018 1:23 P...	4.922	341	1.48	392	302.1 -> 186...	392	4.89	Noroxycodone-D3	305.2 -> 287...	4.942	160709									
O-desmethyl-tramadol	250.2 -> 58.3	4/27/2018 1:23 P...	6.126	162	0.78	196	250.2 -> 42.8...	196	2.11	O-desmethyl-tramadol-...	256.2 -> 64.3	4.951	10279...									
Oxazepam	287.1 -> 240...	4/27/2018 1:23 P...	5.206	15889...	Infinity	316.2 -> 241...	287.1 -> 263...	316.2 -> 241...	90571...	Oxazepam-D5	292.1 -> 246...	6.146	533844									
Oxycodone	316.2 -> 298...	4/27/2018 1:23 P...	4.598	932	1.24	95	316.2 -> 241...	312044	90571...	Oxycodone-D6	322.2 -> 304...	5.165	265379									
Oxymorphone	302.1 -> 284...	4/27/2018 1:23 P...	6.188	286	124.79	302.1 -> 227...	302.1 -> 227...	95	0.04	Oxymorphone-D3	305.2 -> 287...	4.496	615753									
Phentermine	150.1 -> 65.2	4/27/2018 1:23 P...	6.319	59	0.35	35	150.1 -> 133...			Phentermine-D5	155.2 -> 96.2	5.158	335953									
Promethazine	285.1 -> 86.2	4/27/2018 1:23 P...	6.408	403	2.52	1659	285.1 -> 71.3...			Promethazine-D3	288.2 -> 89.2	6.167	15626...									
Quetiapine	384.2 -> 253...	4/27/2018 1:23 P...	6.298	790	368.14	722	384.2 -> 221...	35	0.95	Quetiapine-D8	392.2 -> 226...	6.236	316496									
Sertraline	306.1 -> 158...	4/27/2018 1:23 P...	6.298	790	368.14	722	306.1 -> 275...	1659	5.86	Sertraline-D3	309.1 -> 275...	6.387	677588									
Sufentanil	387.2 -> 238...	4/27/2018 1:23 P...	6.369	286	1.85	301.1 -> 283...	387.2 -> 111...	722	1.30	Sufentanil-D5	392.2 -> 238...	6.277	577242									
Temazepam	301.1 -> 255...	4/27/2018 1:23 P...	6.369	286	1.85	301.1 -> 283...	301.1 -> 283...			Temazepam-D5	306.1 -> 260...	6.287	12700...									

Compound Name		p1 external control			p1 external control results			Qualifier M...			ISID Method			ISID Results			
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	MI	Transition	Resp.
Tramadol	264.2 -> 58.3	4/27/2018 1:23 P..	5.439	10937	81.29	1	264.2 -> 43.3	511	72.34	1	Tramadol-13C-D3	268.2 -> 58.3	5.439	21124...	1	268.2 -> 58.3	5.439
Trazodone	372.2 -> 176...	4/27/2018 1:23 P..	6.420	1252	5.24	1	372.2 -> 148...	1859	4.28	1	Trazodone-D6	378.2 -> 182...	6.380	11693...	1	378.2 -> 182...	6.380
Venlafaxine	278.2 -> 58.3	4/27/2018 1:23 P..				1	278.2 -> 260...			1	Venlafaxine-D6	284.2 -> 64.3	5.680	10337...	1	284.2 -> 64.3	5.680
Zolpidem	308.2 -> 235...	4/27/2018 1:23 P..	6.165	294	0.23	1	308.2 -> 263...	174	0.47	1	Zolpidem-D6	314.2 -> 235...	6.061	24402...	1	314.2 -> 235...	6.061

Compound name			p1 negative			p1 negative results			Qualifier W...			IS ID Method			IS ID Results		
Name	Transition	Acq. Date-Time	RT	Resp	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp	MI		
6-MAM	328.2 -> 165...	4/27/2018 1:04 PM	5.326	26	9.77	328.2 -> 211...	328.2 -> 211...				6-MAM-D6	334.2 -> 165...	5.244	89930			
7-aminoclonazepam	286.1 -> 121...	4/27/2018 1:04 PM	5.354	512	2.23	286.1 -> 222...	286.1 -> 222...	261	1.01		7-Aminoclonazepam-D4	290.1 -> 121...	5.373	117103			
Acetyl Fentanyl	323.2 -> 105...	4/27/2018 1:04 PM				323.2 -> 188...	323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.773	17999...			
Acetyl Norfentanyl	219.1 -> 84.2	4/27/2018 1:04 PM				219.1 -> 56.3	219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.913	561708			
a-hydroxylprazolam	325.1 -> 297...	4/27/2018 1:04 PM				325.1 -> 215...	325.1 -> 215...				a-hydroxylprazolam-D5	330.1 -> 302...	6.138	109000			
alpha-PVP	232.2 -> 91.0	4/27/2018 1:04 PM	5.484	166	26.56	232.2 -> 77.1	232.2 -> 77.1	121	0.40		alpha-PVP-d8	240.2 -> 91.1	5.482	831184			
Alprazolam	309.1 -> 281...	4/27/2018 1:04 PM	6.063	15277	9.90	309.1 -> 205...	309.1 -> 205...	134	0.68		Alprazolam-D5	314.1 -> 286...	6.244	561309			
Amphetamine	136.1 -> 91.1	4/27/2018 1:04 PM	4.814	8659	Infinity	136.1 -> 119...	136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.834	11560			
Bupropion	240.1 -> 184...	4/27/2018 1:04 PM	5.706	337	2.48	240.1 -> 131...	240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.665	188583			
Carisoprodol	261.2 -> 176...	4/27/2018 1:04 PM				261.2 -> 55.3	261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.867	98064			
Citalopram	325.2 -> 109...	4/27/2018 1:04 PM	5.875	236	1.09	325.2 -> 262...	325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.895	543925			
Clonazepam	316.1 -> 269...	4/27/2018 1:04 PM	6.243	688	8.36	316.1 -> 213...	316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.080	72202			
Codeine	300.2 -> 215...	4/27/2018 1:04 PM	5.331	255	0.70	300.2 -> 165...	300.2 -> 165...	232	9.64		Codeine-D6	306.2 -> 218...	5.207	68303			
Cyclobenzaprine	276.2 -> 214...	4/27/2018 1:04 PM	6.191	276	4.49	276.2 -> 231...	276.2 -> 231...	437	75.02		Cyclobenzaprine-D3	279.2 -> 215...	6.169	524995			
Dextromethorphan	272.2 -> 171...	4/27/2018 1:04 PM	5.947	325	0.26	272.2 -> 147...	272.2 -> 147...	283	6.02		Dextromethorphan-D3	275.2 -> 171...	5.927	329406			
Dextroprop	258.2 -> 157...	4/27/2018 1:04 PM	5.481	567	2.43	258.2 -> 133...	258.2 -> 133...	193	4.55		Dextroprop-D3	261.2 -> 157...	5.399	331570			
Diazepam	285.1 -> 193...	4/27/2018 1:04 PM				285.1 -> 153...	285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.491	278975			
Dihydrocodeine	302.2 -> 198...	4/27/2018 1:04 PM	5.003	43	1.41	302.2 -> 128...	302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	5.002	137192			
Diphenhydramine	256.2 -> 167...	4/27/2018 1:04 PM	6.072	242	1.97	256.2 -> 152...	256.2 -> 152...	103	0.50		Diphenhydramine-D3	259.2 -> 167...	5.868	18013...			
Doxylamine	271.2 -> 182...	4/27/2018 1:04 PM	5.561	192	1.28	271.2 -> 167...	271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.539	493807			
EDDP	279.2 -> 235...	4/27/2018 1:04 PM	5.946	721	134.07	279.2 -> 250...	279.2 -> 250...	684	48.90		EDDP-D3	282.2 -> 235...	5.905	197572			
Fentanyl	337.2 -> 105...	4/27/2018 1:04 PM	6.016	38	0.43	337.2 -> 188...	337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.955	13728...			
Fluoxetine	310.1 -> 44.3	4/27/2018 1:04 PM	5.920	1228	3.15	310.1 -> 148...	310.1 -> 148...	225	0.50		Fluoxetine-D6	316.2 -> 44.3	6.101	19301...			
Hydrocodone	300.2 -> 198...	4/27/2018 1:04 PM	5.434	526	1.67	300.2 -> 128...	300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	5.393	295479			
Hydromorphone	286.2 -> 184...	4/27/2018 1:04 PM	4.742	425	0.04	286.2 -> 157...	286.2 -> 157...	47	101.11		Hydromorphone-D6	292.2 -> 185...	4.842	90952			
Ketamine	238.1 -> 125...	4/27/2018 1:04 PM				238.1 -> 220...	238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.564	823961			
Meprobamate	219.1 -> 158...	4/27/2018 1:04 PM	5.485	165	1.92	219.1 -> 97.1	219.1 -> 97.1	382	1.41		Meprobamate-D7	226.2 -> 165...	5.402	11261			
Methadone	310.2 -> 265...	4/27/2018 1:04 PM	6.224	281	0.75	310.2 -> 105...	310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.202	12928...			
Methamphetamine	150.1 -> 91.1	4/27/2018 1:04 PM	5.077	21614	Infinity	150.1 -> 119...	150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	5.016	154064			
Morphine	286.2 -> 201...	4/27/2018 1:04 PM				286.2 -> 165...	286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.539	1856			
Naloxone	328.2 -> 309...	4/27/2018 1:04 PM	5.509	72	0.40	328.2 -> 211...	328.2 -> 211...				Naloxone-D5	333.2 -> 315...	5.468	149136			
Naltrexol	344.2 -> 326...	4/27/2018 1:04 PM	5.325	13848	14.47	344.2 -> 308...	344.2 -> 308...				Naltrexol-D3	347.2 -> 329...	5.079	220430			
Naltrexone	342.2 -> 324...	4/27/2018 1:04 PM	5.305	258	103.95	342.2 -> 55.3	342.2 -> 55.3				Naltrexone-D3	345.2 -> 327...	5.304	447587			
Norbuprenorphine	414.3 -> 101...	4/27/2018 1:04 PM				414.3 -> 57.3	414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.688	12150			
Nordiazepam	271.1 -> 140...	4/27/2018 1:04 PM	6.192	178	1.04	271.1 -> 208...	271.1 -> 208...	134...	1.80		Nordiazepam-D5	276.1 -> 140...	6.333	285373			
Norfentanyl	233.2 -> 84.2	4/27/2018 1:04 PM	5.340	187	0.64	233.2 -> 55.3	233.2 -> 55.3	254...	Infinity		Norfentanyl-D5	238.2 -> 84.2	5.320	921452			
Norhydrocodone	286.2 -> 199...	4/27/2018 1:04 PM	5.047	173	1.53	286.2 -> 171...	286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	5.025	75821			
Noroxycodone	302.1 -> 284...	4/27/2018 1:04 PM	4.841	80	41.51	302.1 -> 186...	302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.942	151606			
O-desmethyl-tramad...	250.2 -> 58.3	4/27/2018 1:04 PM	4.971	5263	1.02	250.2 -> 42.3	250.2 -> 42.3	107	0.40		O-desmethyl-tramadol-...	256.2 -> 64.3	4.951	10562...			
Oxazepam	287.1 -> 240...	4/27/2018 1:04 PM				287.1 -> 268...	287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.146	530688			
Oxycodone	316.2 -> 298...	4/27/2018 1:04 PM	5.063	947	9.75	316.2 -> 241...	316.2 -> 241...	108	0.43		Oxycodone-D6	322.2 -> 304...	5.165	278248			
Oxymorphone	302.1 -> 284...	4/27/2018 1:04 PM	4.537	598	0.77	302.1 -> 227...	302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.496	620875			
Phentermine	150.1 -> 65.2	4/27/2018 1:04 PM				150.1 -> 133...	150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	5.158	313728			
Promethazine	285.1 -> 86.2	4/27/2018 1:04 PM				285.1 -> 71.3	285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.167	14582...			
Quetiapine	384.2 -> 253...	4/27/2018 1:04 PM	6.258	70	0.58	384.2 -> 221...	384.2 -> 221...	128	0.66		Quetiapine-D8	392.2 -> 226...	6.236	330273			
Sertraline	306.1 -> 158...	4/27/2018 1:04 PM	6.449	368	1.22	306.1 -> 275...	306.1 -> 275...	110...	3.22		Sertraline-D3	309.1 -> 275...	6.387	671942			
Sufentanil	387.2 -> 238...	4/27/2018 1:04 PM	6.277	1235	13.50	387.2 -> 111...	387.2 -> 111...	911	3.04		Sufentanil-D5	392.2 -> 238...	6.277	557892			
Temazepam	301.1 -> 255...	4/27/2018 1:04 PM	6.166	1194	1.80	301.1 -> 283...	301.1 -> 283...	407...	3.14		Temazepam-D5	306.1 -> 260...	6.287	11862...			

Compound Name		p.i negative			p.i negative Results			Qualifier M... Qualifier Result...			ISID Method			ISID Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	ML	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	MI	
Tramadol	264.2 -> 58.3	4/27/2018 1:04 PM	5.419	11588	835.86		264.2 -> 43.3	665	110.23		Tramadol-13C-D3	268.2 -> 58.3	5.419	21139...		
Trazodone	372.2 -> 176...	4/27/2018 1:04 PM	6.441	3241	Infinity		372.2 -> 148...	224...	0.48		Trazodone-D6	378.2 -> 182...	6.380	11518...		
Venlafaxine	278.2 -> 58.3	4/27/2018 1:04 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.660	951840		
Zolpidem	308.2 -> 235...	4/27/2018 1:04 PM	5.982	173	1.57		308.2 -> 263...	129	1.37		Zolpidem-D6	314.2 -> 235...	6.061	23479...		

Compound Method			p2 cal id Results				Qualifier 1 Results				ISID Method				ISID Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp	RT	Resp
7-aminoflunitrazepam	284.1 -> 135...	4/27/2018 12:54 P...	5.550	62766	69.57		284.1 -> 93.2	9525	342.73		7-aminoflunitrazepam-D7	291.2 -> 138...	5.549	508033	5.549	508033
alpha-hydroxymidazolam	342.1 -> 324...	4/27/2018 12:54 P...	6.254	126326	Infinity		342.1 -> 203...	50595	220.92		alpha-hydroxymidazolam...	346.1 -> 328...	6.233	588939	6.233	588939
Amtriptiyline	278.2 -> 91.2	4/27/2018 12:54 P...	6.264	267629	Infinity		278.2 -> 105...	97811	43.05		Amtriptiyline-D3	281.2 -> 91.2	6.263	656508	6.263	656508
Amoxapine	314.1 -> 271...	4/27/2018 12:54 P...	6.238	80390	234.33		314.1 -> 193...	53660	174.82		Amtriptiyline-D3	281.2 -> 91.2	6.263	656508	6.263	656508
Benzoyllecgonine	290.1 -> 168...	4/27/2018 12:54 P...	5.202	28149	501.45		290.1 -> 105...	8993	2541.46		Benzoyllecgonine-D8	298.2 -> 171...	5.181	8295	5.181	8295
Carbamazepine	237.1 -> 193...	4/27/2018 12:54 P...	5.924	48091	9.95		237.1 -> 194...	2866...	63.02		Carbamazepine-13C6	243.1 -> 200...	5.924	1662049	5.924	1662049
Chlordiazepoxide	300.1 -> 227...	4/27/2018 12:54 P...	6.382	62280	19277.19		300.1 -> 282...	64583	43140...		Chlordiazepoxide-D5	305.1 -> 286...	6.381	1126636	6.381	1126636
Clomipramine	315.2 -> 86.2	4/27/2018 12:54 P...	6.521	352145	151.68		315.2 -> 58.3	2031...	170.17		Clomipramine-D3	318.2 -> 89.2	6.500	1122472	6.500	1122472
Cocaine	304.2 -> 182...	4/27/2018 12:54 P...	5.526	169815	46.38		304.2 -> 105...	31678	36.38		Cocaine-D3	307.2 -> 185...	5.525	713165	5.525	713165
Desipramine	267.2 -> 72.3	4/27/2018 12:54 P...	6.205	375331	157.01		267.2 -> 44.3	1489...	116.85		Desipramine-D3	270.2 -> 75.3	6.205	902372	6.205	902372
Doxepin	280.2 -> 107...	4/27/2018 12:54 P...	6.000	75274	191.62		280.2 -> 77.2	40071	20.03		Doxepin-D3	283.2 -> 107...	5.999	197257	5.999	197257
Estazolam	295.1 -> 267...	4/27/2018 12:54 P...	6.181	108707	319.50		295.1 -> 205...	67911	326.64		Estazolam-D5	300.1 -> 272...	6.179	831114	6.179	831114
Flunitrazepam	314.1 -> 268...	4/27/2018 12:54 P...	6.217	137154	90.29		314.1 -> 239...	35935	51.00		Flunitrazepam-D7	321.1 -> 245...	6.196	52215	6.196	52215
Flurazepam	388.2 -> 315...	4/27/2018 12:54 P...	6.049	225070	225.93		388.2 -> 317...	29281	83.75		Zopiclone-D4	393.1 -> 244...	6.028	176563	6.028	176563
Imipramine	281.2 -> 86.2	4/27/2018 12:54 P...	6.223	394087	123.96		281.2 -> 58.3	2265...	116.42		Imipramine-D3	284.2 -> 61.3	6.222	1608225	6.222	1608225
Levamisole	205.1 -> 91.2	4/27/2018 12:54 P...	4.887	210	0.34		205.1 -> 178...	275	0.42		Cocaine-D3	307.2 -> 185...	5.525	713165	5.525	713165
Maprotiline	278.2 -> 91.2	4/27/2018 12:54 P...	5.918	225575	16.54		278.2 -> 117...	1180	Infinity		Meperidine-D4	252.2 -> 224...	5.556	126656	5.556	126656
MDA	180.1 -> 163...	4/27/2018 12:54 P...	5.032	53038	12.76		180.1 -> 105...	26272	28.75		MDA-D5	185.1 -> 168...	5.012	112081	5.012	112081
MDEA	208.1 -> 163...	4/27/2018 12:54 P...	5.295	190826	45.21		208.1 -> 105...	72315	26.54		MDEA-D6	214.2 -> 166...	5.274	645806	5.274	645806
MDMA	194.1 -> 163...	4/27/2018 12:54 P...	5.153	93207	54.58		194.1 -> 105...	55129	54.96		MDMA-D6	200.2 -> 166...	5.153	23523	5.153	23523
Meperidine	248.2 -> 220...	4/27/2018 12:54 P...	5.557	69540	51.86		248.2 -> 174...	56883	41.54		Meperidine-D4	252.2 -> 224...	5.556	126656	5.556	126656
Methyphenidate	234.2 -> 84.2	4/27/2018 12:54 P...	5.476	419294	114.73		234.2 -> 56.3	69391	40.51		Meperidine-D4	252.2 -> 224...	5.556	126656	5.556	126656
Metoprolol	268.2 -> 116...	4/27/2018 12:54 P...	5.430	30427	114.60		268.2 -> 56.3	32811	57.07		Meperidine-D4	252.2 -> 224...	5.556	126656	5.556	126656
Midazolam	326.1 -> 223...	4/27/2018 12:54 P...	6.418	33150	351.48		326.1 -> 249...	31137	94.26		Midazolam-D4	330.1 -> 295...	6.417	561900	6.417	561900
Mirtazapine	266.2 -> 195...	4/27/2018 12:54 P...	5.900	211441	123.61		266.2 -> 72.3	1602...	92.35		Midazolam-D4	330.1 -> 295...	6.417	561900	6.417	561900
Mitragynine	399.2 -> 174...	4/27/2018 12:54 P...	6.048	94363	241.87		399.2 -> 238...	17583	40.43		Carbamazepine-13C6	243.1 -> 200...	5.924	1662049	5.924	1662049
Normeperidine	234.1 -> 42.3	4/27/2018 12:54 P...	5.518	67914	54.83		234.1 -> 160...	29258	380.93		Normeperidine-D4	238.2 -> 164...	5.517	514469	5.517	514469
Norpropoxyphene	326.2 -> 44.3	4/27/2018 12:54 P...	6.073	30512	82.58		326.2 -> 252...	9250	39.17		Norpropoxyphene-D5	331.2 -> 44.3	6.072	144820	6.072	144820
Nortriptyline	264.2 -> 91.2	4/27/2018 12:54 P...	6.226	101179	35.82		264.2 -> 233...	63049	Infinity		Nortriptyline-D3	267.2 -> 233...	6.245	493260	6.245	493260
Ondansetron	294.2 -> 184...	4/27/2018 12:54 P...	5.732	131442	532.61		294.2 -> 212...	19171	177.76		Pentazocine-13C3	289.2 -> 72.3	5.570	930624	5.570	930624
Pentazocine	286.2 -> 218...	4/27/2018 12:54 P...	5.571	137857	314.84		286.2 -> 41.3	67460	74.33		Pentazocine-13C3	289.2 -> 72.3	5.570	930624	5.570	930624
Phenazepam	349.0 -> 206...	4/27/2018 12:54 P...	6.293	53225	394.43		349.0 -> 183...	76275	292.82		Phenazepam-D4	353.0 -> 183...	6.293	35810	6.293	35810
Phencyclidine	244.2 -> 86.2	4/27/2018 12:54 P...	5.801	90722	57.04		244.2 -> 91.1	1169...	163.98		Phencyclidine-D5	249.2 -> 86.2	5.780	779509	5.780	779509
Phenytoln	253.1 -> 104...	4/27/2018 12:54 P...	5.840	6792	18.02		253.1 -> 182...	7316	49.05		Phenytoln-D10	263.2 -> 192...	5.820	39251	5.820	39251
Prazepam	325.1 -> 271...	4/27/2018 12:54 P...	6.803	412345	181.48		325.1 -> 140...	1400...	86.08		Prazepam-D5	330.1 -> 276...	6.781	2259616	6.781	2259616
Primidone	219.1 -> 91.2	4/27/2018 12:54 P...	5.253	42230	7066.79		219.1 -> 162...	36357	73.45		Prazepam-D5	330.1 -> 276...	6.781	2259616	6.781	2259616
Propoxyphene	340.2 -> 58.3	4/27/2018 12:54 P...	6.112	297880	144.93		340.2 -> 266...	42635	126.72		Propoxyphene-D11	351.3 -> 277...	6.090	131357	6.090	131357
Protriptyline	264.2 -> 155...	4/27/2018 12:54 P...	6.145	12077...	Infinity		264.2 -> 161...				Nortriptyline-D3	257.2 -> 233...	6.245	493260	6.245	493260
Pseudoephedrine	166.1 -> 148...	4/27/2018 12:54 P...	4.690	11135...	53.03		166.1 -> 133...	2632...	35.48		Pseudoephedrine-D3	169.1 -> 151...	4.669	311858	4.669	311858
Tapentadol	222.2 -> 107...	4/27/2018 12:54 P...	5.416	156679	42.47		222.2 -> 121...	82918	27.27		Tapentadol-D3	225.2 -> 107...	5.416	645638	5.416	645638
Trimipramine	295.2 -> 100...	4/27/2018 12:54 P...	6.322	395998	133.21		295.2 -> 58.3	2442...	93.58		Trimipramine-D3	298.2 -> 103...	6.322	2257473	6.322	2257473
Verapamil	455.3 -> 165...	4/27/2018 12:54 P...	6.088	364381	810.70		455.3 -> 150...	1092...	1266.29		Trimipramine-D3	298.2 -> 103...	6.322	2257473	6.322	2257473
Zaleplon	306.1 -> 236...	4/27/2018 12:54 P...	6.015	96323	16134.83		306.1 -> 264...	1184...	279.26		Zaleplon-D4	310.2 -> 240...	6.014	249190	6.014	249190
Zopiclone	389.1 -> 244...	4/27/2018 12:54 P...	6.028	18210	48.86		389.1 -> 216...	5488	11.88		Zopiclone-D4	393.1 -> 244...	6.028	176563	6.028	176563

Did not evaluate levamisole or protriptyline.

Compound Method			p2 external control				p2 external control Results				Qualifier M...				Qualifier Results				ISID Method				ISID 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.		
7-aminoflunitrazepam	284.1 -> 135...	4/27/2018 1:33 PM	5.673	3766	5.60	1.11	284.1 -> 93.2	414	1.11	1.11	7-aminoflunitrazepam-D7	291.2 -> 138...	414	1.11	1.11	7-aminoflunitrazepam-D7	291.2 -> 138...	414	1.11	1.11	5.549	507201		
alpha-hydroxymidazolam	342.1 -> 324...	4/27/2018 1:33 PM	6.254	56	0.26	0.98	342.1 -> 203...	48	0.98	0.98	alpha-hydroxymidazolam...	346.1 -> 328...	48	0.98	0.98	alpha-hydroxymidazolam...	346.1 -> 328...	48	0.98	0.98	6.233	613414		
Amtriptyline	278.2 -> 91.2	4/27/2018 1:33 PM	6.386	3139	0.74	1.14	278.2 -> 105...	2094	1.14	1.14	Amtriptyline-D3	281.2 -> 91.2	2094	1.14	1.14	Amtriptyline-D3	281.2 -> 91.2	2094	1.14	1.14	6.263	765184		
Amoxapine	314.1 -> 271...	4/27/2018 1:33 PM	6.238	619	1.20	0.33	314.1 -> 193...	8516	0.33	0.33	Amtriptyline-D3	281.2 -> 91.2	8516	0.33	0.33	Amtriptyline-D3	281.2 -> 91.2	8516	0.33	0.33	6.263	765184		
Benzoylcegonine	290.1 -> 168...	4/27/2018 1:33 PM	5.202	598	2.92	0.33	290.1 -> 105...	40	0.33	0.33	Benzoylcegonine-D8	298.2 -> 171...	40	0.33	0.33	Benzoylcegonine-D8	298.2 -> 171...	40	0.33	0.33	5.201	9209		
Carbamazepine	237.1 -> 193...	4/27/2018 1:33 PM	5.435	4018	2.70	0.33	237.1 -> 194...	40	0.33	0.33	Carbamazepine-13C6	243.1 -> 200...	40	0.33	0.33	Carbamazepine-13C6	243.1 -> 200...	40	0.33	0.33	5.924	17257...		
Chlordiazepoxide	300.1 -> 227...	4/27/2018 1:33 PM	6.362	4419	16.77	1.51	300.1 -> 282...	4419	1.51	1.51	Chlordiazepoxide-D5	305.1 -> 286...	4419	1.51	1.51	Chlordiazepoxide-D5	305.1 -> 286...	4419	1.51	1.51	6.361	924252		
Clomipramine	315.2 -> 86.2	4/27/2018 1:33 PM	5.399	1121	1.51	1.51	315.2 -> 58.3	1121	1.51	1.51	Clomipramine-D3	318.2 -> 89.2	1121	1.51	1.51	Clomipramine-D3	318.2 -> 89.2	1121	1.51	1.51	6.480	13233...		
Cocaine	304.2 -> 182...	4/27/2018 1:33 PM	6.245	2824	1.96	1.96	304.2 -> 105...	2824	1.96	1.96	Cocaine-D3	307.2 -> 185...	2824	1.96	1.96	Cocaine-D3	307.2 -> 185...	2824	1.96	1.96	5.525	752021		
Desipramine	267.2 -> 72.3	4/27/2018 1:33 PM	6.245	2824	1.96	1.96	267.2 -> 44.3	2824	1.96	1.96	Desipramine-D3	270.2 -> 75.3	2824	1.96	1.96	Desipramine-D3	270.2 -> 75.3	2824	1.96	1.96	6.185	922375		
Doxepin	280.2 -> 107...	4/27/2018 1:33 PM	6.163	984	1.65	0.33	280.2 -> 77.2	11229	0.33	0.33	Doxepin-D3	283.2 -> 107...	11229	0.33	0.33	Doxepin-D3	283.2 -> 107...	11229	0.33	0.33	5.999	210399		
Estazolam	295.1 -> 267...	4/27/2018 1:33 PM	6.140	91	0.18	0.54	295.1 -> 205...	36	0.54	0.54	Estazolam-D5	300.1 -> 272...	36	0.54	0.54	Estazolam-D5	300.1 -> 272...	36	0.54	0.54	6.159	103359...		
Flunitrazepam	314.1 -> 268...	4/27/2018 1:33 PM	6.238	2475	1.73	1.73	314.1 -> 239...	2475	1.73	1.73	Flunitrazepam-D7	321.1 -> 245...	2475	1.73	1.73	Flunitrazepam-D7	321.1 -> 245...	2475	1.73	1.73	6.196	57295		
Flurazepam	388.2 -> 315...	4/27/2018 1:33 PM	6.171	180	5.81	5.81	388.2 -> 317...	180	5.81	5.81	Zopiclone-D4	393.1 -> 244...	180	5.81	5.81	Zopiclone-D4	393.1 -> 244...	180	5.81	5.81	6.028	154849		
Imipramine	281.2 -> 86.2	4/27/2018 1:33 PM	6.283	4463	2.05	0.65	281.2 -> 58.3	2928	0.65	0.65	Imipramine-D3	284.2 -> 61.3	2928	0.65	0.65	Imipramine-D3	284.2 -> 61.3	2928	0.65	0.65	6.222	17033...		
Levamisole	205.1 -> 91.2	4/27/2018 1:33 PM	4.646	156	0.95	0.34	205.1 -> 178...	159	0.34	0.34	Cocaine-D3	307.2 -> 185...	159	0.34	0.34	Cocaine-D3	307.2 -> 185...	159	0.34	0.34	5.525	752021		
Maprotiline	278.2 -> 91.2	4/27/2018 1:33 PM	4.992	633	0.48	0.44	278.2 -> 117...	322	0.44	0.44	Meperidine-D4	252.2 -> 224...	322	0.44	0.44	Meperidine-D4	252.2 -> 224...	322	0.44	0.44	5.536	143433		
MDA	180.1 -> 163...	4/27/2018 1:33 PM	4.992	633	0.48	0.44	180.1 -> 105...	322	0.44	0.44	MDA-D5	185.1 -> 168...	322	0.44	0.44	MDA-D5	185.1 -> 168...	322	0.44	0.44	5.032	104255		
MDEA	208.1 -> 163...	4/27/2018 1:33 PM	4.992	633	0.48	0.44	208.1 -> 105...	322	0.44	0.44	MDEA-D6	214.2 -> 166...	322	0.44	0.44	MDEA-D6	214.2 -> 166...	322	0.44	0.44	5.295	633794		
MDMA	194.1 -> 163...	4/27/2018 1:33 PM	5.173	1299	0.63	1.00	194.1 -> 105...	1388	1.00	1.00	MDMA-D6	200.2 -> 166...	1388	1.00	1.00	MDMA-D6	200.2 -> 166...	1388	1.00	1.00	5.153	25429		
Meperidine	248.2 -> 220...	4/27/2018 1:33 PM	5.557	912364	106.36	130.85	248.2 -> 174...	7488...	130.85	130.85	Meperidine-D4	252.2 -> 224...	7488...	130.85	130.85	Meperidine-D4	252.2 -> 224...	7488...	130.85	130.85	5.536	143433		
Methylphenidate	234.2 -> 84.2	4/27/2018 1:33 PM	5.430	353234	1779.79	130.40	234.2 -> 56.3	3752...	130.40	130.40	Meperidine-D4	252.2 -> 224...	3752...	130.40	130.40	Meperidine-D4	252.2 -> 224...	3752...	130.40	130.40	5.536	143433		
Metoprolol	268.2 -> 116...	4/27/2018 1:33 PM	6.418	307	1.16	1.16	268.2 -> 56.3	3752...	1.16	1.16	Meperidine-D4	252.2 -> 224...	3752...	1.16	1.16	Meperidine-D4	252.2 -> 224...	3752...	1.16	1.16	5.536	143433		
Midazolam	326.1 -> 223...	4/27/2018 1:33 PM	6.418	307	1.16	1.16	326.1 -> 249...	307	1.16	1.16	Midazolam-D4	330.1 -> 295...	307	1.16	1.16	Midazolam-D4	330.1 -> 295...	307	1.16	1.16	6.397	640752		
Mirtazapine	266.2 -> 195...	4/27/2018 1:33 PM	5.677	510	0.67	1.76	266.2 -> 72.3	1886	1.76	1.76	Midazolam-D4	330.1 -> 295...	1886	1.76	1.76	Midazolam-D4	330.1 -> 295...	1886	1.76	1.76	6.397	640752		
Mitragynine	399.2 -> 174...	4/27/2018 1:33 PM	6.493	262	2.27	3.99	399.2 -> 238...	262	3.99	3.99	Carbamazepine-13C6	243.1 -> 200...	262	3.99	3.99	Carbamazepine-13C6	243.1 -> 200...	262	3.99	3.99	5.924	17257...		
Normeperidine	234.1 -> 42.3	4/27/2018 1:33 PM	5.497	963	0.65	0.18	234.1 -> 160...	35	0.18	0.18	Normeperidine-D4	238.2 -> 164...	35	0.18	0.18	Normeperidine-D4	238.2 -> 164...	35	0.18	0.18	5.517	526863		
Norpropoxyphene	326.2 -> 44.3	4/27/2018 1:33 PM	6.011	118	45.49	45.49	326.2 -> 252...	118	45.49	45.49	Norpropoxyphene-D5	331.2 -> 44.3	118	45.49	45.49	Norpropoxyphene-D5	331.2 -> 44.3	118	45.49	45.49	6.072	151959		
Nortriptyline	264.2 -> 91.2	4/27/2018 1:33 PM	6.307	1223	0.80	1.15	264.2 -> 233...	250	1.15	1.15	Nortriptyline-D3	267.2 -> 233...	250	1.15	1.15	Nortriptyline-D3	267.2 -> 233...	250	1.15	1.15	6.225	496120		
Ondansetron	294.2 -> 184...	4/27/2018 1:33 PM	5.732	490	1.63	1.63	294.2 -> 212...	490	1.63	1.63	Pentazocine-13C3	289.2 -> 72.3	490	1.63	1.63	Pentazocine-13C3	289.2 -> 72.3	490	1.63	1.63	5.570	992576		
Pentazocine	286.2 -> 218...	4/27/2018 1:33 PM	5.672	49	0.25	0.85	286.2 -> 41.3	347	0.85	0.85	Pentazocine-13C3	289.2 -> 72.3	347	0.85	0.85	Pentazocine-13C3	289.2 -> 72.3	347	0.85	0.85	5.570	992576		
Phenazepam	349.0 -> 206...	4/27/2018 1:33 PM	6.233	1347	7.52	3.17	349.0 -> 183...	335	3.17	3.17	Phenazepam-D4	353.0 -> 183...	335	3.17	3.17	Phenazepam-D4	353.0 -> 183...	335	3.17	3.17	6.273	33144		
Phencyclidine	244.2 -> 86.2	4/27/2018 1:33 PM	5.882	704	2.02	2.41	244.2 -> 91.1	5047	2.41	2.41	Phencyclidine-D5	249.2 -> 86.2	5047	2.41	2.41	Phencyclidine-D5	249.2 -> 86.2	5047	2.41	2.41	5.801	805620		
Phenylethanolamine	253.1 -> 104...	4/27/2018 1:33 PM	6.086	217	0.91	3.22	253.1 -> 182...	709	3.22	3.22	Phenylethanolamine-D10	263.2 -> 192...	709	3.22	3.22	Phenylethanolamine-D10	263.2 -> 192...	709	3.22	3.22	5.820	51427		
Prazepam	325.1 -> 271...	4/27/2018 1:33 PM	6.086	217	0.91	3.22	325.1 -> 140...	709	3.22	3.22	Prazepam-D5	330.1 -> 276...	709	3.22	3.22	Prazepam-D5	330.1 -> 276...	709	3.22	3.22	6.740	23939...		
Primidone	219.1 -> 91.2	4/27/2018 1:33 PM	6.051	225	0.57	1.91	219.1 -> 162...	225	1.91	1.91	Prazepam-D5	330.1 -> 276...	225	1.91	1.91	Prazepam-D5	330.1 -> 276...	225	1.91	1.91	6.740	23939...		
Propoxyphene	340.2 -> 58.3	4/27/2018 1:33 PM	6.186	486	23.67	23.67	340.2 -> 266...	486	23.67	23.67	Propoxyphene-D11	351.3 -> 277...	486	23.67	23.67	Propoxyphene-D11	351.3 -> 277...	486	23.67	23.67	6.090	142015		
Protriptyline	264.2 -> 155...	4/27/2018 1:33 PM	5.155	1360	0.32	0.77	264.2 -> 161...	495	0.77	0.77	Nortriptyline-D3	267.2 -> 233...	495	0.77	0.77	Nortriptyline-D3	267.2 -> 233...	495	0.77	0.77	6.225	496120		
Pseudoephedrine	166.1 -> 148...	4/27/2018 1:33 PM	5.416	1002	0.75	0.75	166.1 -> 133...	495	0.75	0.75	Pseudoephedrine-D3	169.1 -> 151...	495	0.75	0.75	Pseudoephedrine-D3	169.1 -> 151...	495	0.75	0.75	4.689	311910		
Tapentadol	222.2 -> 107...	4/27/2018 1:33 PM	6.464	1481	0.68	3.81	222.2 -> 121...	468	3.81	3.81	Tapentadol-D3	225.2 -> 107...	468	3.81	3.81	Tapentadol-D3	225.2 -> 107...	468	3.81	3.81	5.416	730892		
Trimipramine	295.2 -> 100...	4/27/2018 1:33 PM	6.169	61	0.41	455.3	295.2 -> 58.3	61	455.3	455.3	Trimipramine-D3	298.2 -> 103...	61	455.3	455.3	Trimipramine-D3	298.2 -> 103...	61	455.3	455.3	6.302	25914...		
Verapamil	306.1 -> 236...	4/27/2018 1:33 PM	6.300	1256	2.40	1.15	306.1 -> 264...	631	1.15															

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Compounda metnoa			pZ negative				pZ negative Results				Quaifier I Results				ISIJ metnoa				ISIJ 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...	4/27/2018 1:14 PM	5.530	188	1.86	284.1 -> 93.2					7-aminoflunitrazepam-D7	291.2 -> 138...	5.549	640211						
alpha-hydroxymidazolam	342.1 -> 324...	4/27/2018 1:14 PM	6.274	419	0.87	342.1 -> 203...	133	0.91			alpha-hydroxymidazolam...	346.1 -> 328...	6.253	606133						
Amitriptyline	278.2 -> 91.2	4/27/2018 1:14 PM	6.426	8244	0.97	278.2 -> 105...	1593	1.00			Amitriptyline-D3	281.2 -> 91.2	6.283	719341						
Amoxapine	314.1 -> 271...	4/27/2018 1:14 PM	6.278	808	0.66	314.1 -> 193...	10119	49.35			Amitriptyline-D3	281.2 -> 91.2	6.283	719341						
Benzoyllecgonine	290.1 -> 168...	4/27/2018 1:14 PM	5.222	153	0.54	290.1 -> 105...	145	0.49			Benzoyllecgonine-D8	298.2 -> 171...	5.201	9512						
Carbamazepine	237.1 -> 193...	4/27/2018 1:14 PM	6.229	2049	0.21	237.1 -> 194...	4821	0.45			Carbamazepine-13C6	243.1 -> 200...	5.924	17808...						
Chlordiazepoxide	300.1 -> 227...	4/27/2018 1:14 PM	6.402	4562	4903.35	300.1 -> 282...					Chlordiazepoxide-D5	305.1 -> 286...	6.381	12218...						
Clomipramine	315.2 -> 86.2	4/27/2018 1:14 PM	6.602	231	0.41	315.2 -> 58.3					Clomipramine-D3	318.2 -> 89.2	6.500	12491...						
Cocaine	304.2 -> 182...	4/27/2018 1:14 PM				304.2 -> 105...					Cocaine-D3	307.2 -> 185...	5.525	756587						
Desipramine	267.2 -> 72.3	4/27/2018 1:14 PM	6.245	4230	3.81	267.2 -> 44.3	6564	4.94			Desipramine-D3	270.2 -> 75.3	6.205	977345						
Doxepin	280.2 -> 107...	4/27/2018 1:14 PM	5.856	171	0.25	280.2 -> 77.2	1393	1.29			Doxepin-D3	283.2 -> 107...	5.999	219209						
Estazolam	295.1 -> 267...	4/27/2018 1:14 PM	6.201	209	1.39	295.1 -> 205...	160	1.08			Estazolam-D5	300.1 -> 272...	6.179	927326						
Flunitrazepam	314.1 -> 268...	4/27/2018 1:14 PM	6.238	3372	1.62	314.1 -> 239...	521	0.44			Flunitrazepam-D7	321.1 -> 245...	6.216	53414						
Flurazepam	388.2 -> 315...	4/27/2018 1:14 PM	6.151	225	1.64	388.2 -> 317...					Zopiclone-D4	393.1 -> 244...	6.028	140547						
Imipramine	281.2 -> 86.2	4/27/2018 1:14 PM	6.283	3914	1.69	281.2 -> 58.3	2268	1.66			Imipramine-D3	307.2 -> 61.3	6.242	17260...						
Levamisole	205.1 -> 91.2	4/27/2018 1:14 PM	4.849	912	0.90	205.1 -> 178...					Cocaine-D3	307.2 -> 185...	5.525	756587						
Maprotiline	278.2 -> 91.2	4/27/2018 1:14 PM	6.103	9445	1.02	278.2 -> 117...	243	0.78			Meperidine-D4	252.2 -> 224...	5.556	140685						
MDA	180.1 -> 163...	4/27/2018 1:14 PM	5.194	1142	1.27	180.1 -> 105...	530	0.78			MDA-D5	185.1 -> 168...	5.032	106672						
MDEA	208.1 -> 163...	4/27/2018 1:14 PM	5.275	388	0.43	208.1 -> 105...	57	0.25			MDEA-D6	214.2 -> 166...	5.295	630829						
MDMA	194.1 -> 163...	4/27/2018 1:14 PM	4.809	364	0.57	194.1 -> 105...	327	0.66			MDMA-D6	200.2 -> 166...	5.153	25249						
Meperidine	248.2 -> 220...	4/27/2018 1:14 PM	5.536	990	1.41	248.2 -> 174...	519	0.43			Meperidine-D4	252.2 -> 224...	5.556	140685						
Methylphenidate	234.2 -> 84.2	4/27/2018 1:14 PM	5.599	910	0.54	234.2 -> 56.3	452	0.46			Meperidine-D4	252.2 -> 224...	5.556	140685						
Metoprolol	268.2 -> 116...	4/27/2018 1:14 PM	5.266	266	27.98	268.2 -> 56.3	2060	3.92			Meperidine-D4	252.2 -> 224...	5.556	140685						
Midazolam	326.1 -> 223...	4/27/2018 1:14 PM	6.762	40	0.55	326.1 -> 249...	50	0.77			Midazolam-D4	330.1 -> 295...	6.417	585689						
Mirtazapine	266.2 -> 195...	4/27/2018 1:14 PM				266.2 -> 72.3					Midazolam-D4	330.1 -> 295...	6.417	585689						
Mitragynine	399.2 -> 174...	4/27/2018 1:14 PM	6.655	361	2.79	399.2 -> 238...					Carbamazepine-13C6	243.1 -> 200...	5.924	17808...						
Normeperidine	234.1 -> 42.3	4/27/2018 1:14 PM	5.559	145	0.50	234.1 -> 160...	126	0.45			Normeperidine-D4	238.2 -> 164...	5.517	531927						
Norpropoxyphene	326.2 -> 44.3	4/27/2018 1:14 PM	6.194	96	0.52	326.2 -> 252...					Norpropoxyphene-D5	331.2 -> 44.3	6.072	150258						
Nortriptyline	264.2 -> 91.2	4/27/2018 1:14 PM	6.327	2811	2.25	264.2 -> 233...	639	1.79			Nortriptyline-D3	267.2 -> 233...	6.245	518272						
Ondansetron	294.2 -> 184...	4/27/2018 1:14 PM	5.732	263	0.94	294.2 -> 212...					Pentazocine-13C3	289.2 -> 72.3	5.591	963949						
Pentazocine	286.2 -> 218...	4/27/2018 1:14 PM	5.631	416	1.48	286.2 -> 41.3	361	1.52			Pentazocine-13C3	289.2 -> 72.3	5.591	963949						
Phenazepam	349.0 -> 206...	4/27/2018 1:14 PM	6.253	1254	9.18	349.0 -> 183...	300	1.80			Phenazepam-D4	353.0 -> 183...	6.293	43240						
Phencyclidine	244.2 -> 86.2	4/27/2018 1:14 PM	5.903	362	0.92	244.2 -> 91.1	1903	1.90			Phencyclidine-D5	249.2 -> 86.2	5.801	790309						
Phenytolol	253.1 -> 104...	4/27/2018 1:14 PM	6.390	128	15.55	253.1 -> 182...	366	2.51			Phenytolol-D10	263.2 -> 192...	5.820	315666						
Praxepam	325.1 -> 271...	4/27/2018 1:14 PM	6.134	462	0.50	325.1 -> 140...	180	0.71			Praxepam-D5	330.1 -> 276...	6.822	23542...						
Primidone	219.1 -> 91.2	4/27/2018 1:14 PM	5.232	389	2.13	219.1 -> 162...	224	1.15			Praxepam-D5	330.1 -> 276...	6.822	23542...						
Propoxyphene	340.2 -> 58.3	4/27/2018 1:14 PM	6.173	1889	0.90	340.2 -> 266...	234	0.69			Propoxyphene-D11	351.3 -> 277...	6.090	143344						
Protriptyline	264.2 -> 155...	4/27/2018 1:14 PM				264.2 -> 161...					Nortriptyline-D3	267.2 -> 233...	6.245	518272						
Pseudoephedrine	166.1 -> 148...	4/27/2018 1:14 PM				166.1 -> 133...					Pseudoephedrine-D3	169.1 -> 151...	4.689	309231						
Tapentadol	222.2 -> 107...	4/27/2018 1:14 PM				222.2 -> 121...					Tapentadol-D3	225.2 -> 107...	5.416	691812						
Trimipramine	295.2 -> 100...	4/27/2018 1:14 PM	6.322	1469	1.35	295.2 -> 58.3	1570	0.97			Trimipramine-D3	298.2 -> 103...	6.322	23684...						
Verapamil	455.3 -> 165...	4/27/2018 1:14 PM	6.108	1232	5.14	455.3 -> 150...	385	2.65			Trimipramine-D3	298.2 -> 103...	6.322	23684...						
Zaleplon	306.1 -> 236...	4/27/2018 1:14 PM	6.320	887	308.65	306.1 -> 264...	1786	6.04			Zaleplon-D4	310.2 -> 240...	6.035	246860						
Zopiclone	389.1 -> 244...	4/27/2018 1:14 PM	6.109	546	1.52	389.1 -> 216...					Zopiclone-D4	393.1 -> 244...	6.028	140547						