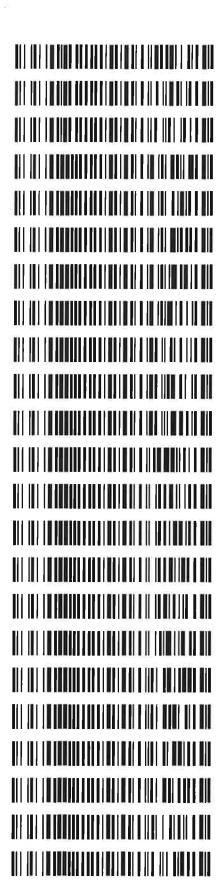
reviewed 4/5/18 amn



3/5/2018

Worklist: 2234

<u>LAB CASE</u> M2018-0331	ITEM 1	<u>TASK ID</u> 105575	DESCRIPTION AM 25 Blood Multi-Drug Screer
M2018-0557	1	106543	AM 25 Blood Multi-Drug Screer
M2018-0925	2	108465	AM 25 Blood Multi-Drug Screer
P2018-0504	1	107657	AM 25 Blood Multi-Drug Screer
P2018-0505	1	107669	AM 25 Blood Multi-Drug Screer
P2018-0506	1	107675	AM 25 Blood Multi-Drug Screer
P2018-0507	1	107678	AM 25 Blood Multi-Drug Screer
P2018-0508	1	107681	AM 25 Blood Multi-Drug Screer
P2018-0527	1	107780	AM 25 Blood Multi-Drug Screer
P2018-0528	3	107787	AM 25 Blood Multi-Drug Screer
P2018-0533	1	107802	AM 25 Blood Multi-Drug Screer
P2018-0544	1	107896	AM 25 Blood Multi-Drug Screer
P2018-0563	1	108086	AM 25 Blood Multi-Drug Screer
P2018-0564	1	108089	AM 25 Blood Multi-Drug Screer
P2018-0565	1	108092	AM 25 Blood Multi-Drug Screer
P2018-0566	1	108095	AM 25 Blood Multi-Drug Screer
P2018-0569	1	108195	AM 25 Blood Multi-Drug Screer
P2018-0573	1	108212	AM 25 Blood Multi-Drug Screer
P2018-0574	1	108215	AM 25 Blood Multi-Drug Screer
P2018-0580	1	108234	AM 25 Blood Multi-Drug Screer
P2018-0581	1	108243	AM 25 Blood Multi-Drug Screer
P2018-0582	1	108411	AM 25 Blood Multi-Drug Screer
P2018-0602	1	108459	AM 25 Blood Multi-Drug Screer



Worklist: 2234

15

 LAB CASE
 ITEM
 TASK ID
 DESCRIPTION

 P2018-0603
 1
 108462
 AM 25 Blood Multi-Drug Screer

 P2018-0606
 1
 108538
 AM 25 Blood Multi-Drug Screer



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



Extraction Date: 03/08/2018

Analyst: Tamara Salazar

Plate lot#:0515207

Plate Expiration: 10/18/18

Mobile phase A: 10mM Ammonium Formate

Mobile phase B 0.1% Formic acid in MeOH

0.5M Ammonium Hydroxide

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.

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 ID067105
- □ 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.

- ⊠ 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)
- Δ 13. Reconstitute in 100μL 100% MeOH and heat seal plate with foil. Place in autosampler and run worklist.

POST- ANALYTIC

 \boxtimes 1. Create batch and process data.

Worklist path: C:\MassHunter\Data\2018\MD Screen\030818 MDS TS_wklst 2234
Batch Name: P1 MDS 030818 TS_wklst 2234.batch.bin
P2 MDS 030818 TS_wklst 2234.batch.bin

- ☑ 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:

Amphetamire, Oxymorphore, and Hydromorphone not evaluated in P2018-0505 due to shifted retention time and/or poor peak shape. - To



Idaho State Police Forensic Services

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

Analyst: Tamara Salazar Extraction Date: 03/08/18 Worklist Number: 2234

Reagent	Lot Number	Expiration Date	Date in Service	Date Out of Service	Initials
ToxBox Benzo/Opiate Screening Plate	0515207	10/18/18			
Negative Blood	361331-2		12/27/17		
Methanol External Control Solution	053117	05/31/18	05/31/17		
Blood External Control Solution	WS122717	06/27/18	12/27/17		
0.5M Ammonium Hydroxide	092517	03/25/18	09/25/17		
Formic Acid (LCMS Grade)	095180B		11/15/17	i i	
Water (LCMS Grade)	102501		06/26/17		
Methanol (LCMS Grade)	172516		12/12/17		
Ammonium Formate (LCMS Grade)	A0287238		01/30/17		
Ammonium Hydroxide (ACS grade or better)	053200		08/03/07		
Ethyl Acetate(ACS grade or better)	100362		06/26/17		
10mM Ammonium Formate in LCMS Water (Mobile Phase A)	021518		02/15/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	111517		11/15/17		
Needle Rinse75% LCMS MeOH in LCMS Water	030818		03/08/18		

Methanol External Control Solution (Lot: 053117)
100 ul of Img/mL stock was added to each drug to 9600 ul of LC MeOH.

Component	Source	Source Lot Number	Expiration Date
Methanol (LCMS)	BDH	15H250514	
Temazepam	Cerilliant	FE08191401	October 2019
Quetiapine	Cerilliant	FN02021502	February 2020
Zolpidem	Cerilliant	FE12181402	February 2020
Zopiclone	Cerilliant	FE12031501	December 2020
Prepared:	05/31/17		
Prepared By:	Celena Shrum		
Expires:	05/31/18		

Blood External Control Solution (Lot: WS122717)

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

Component	Source	Source Lot Number	
Negative Blood	Hemostat	361331-3	
Methanol External Control Solution		053117	
Prepared:	12/27/17		
Prepared by:	Tamara Salazar		
Expires:	05/31/18		

0.5M Ammonium Hydroxide (Lot: 092517)

Component	Source	Source Lot Number	
Ammonium Hydroxide (ACS grade or better)	Fisher	053200	
DI Water	.e.		
Prepared:	09/25/17	100	
Prepared By:	Sarah Pickle		
Expires:	03/25/18		

10mM Ammonium Formate in LCMS Water (Mobile Phase A) (Lot: 021518)

Component	Source	Source Lot Number
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	102501
Prepared:	02/15/18	
Prepared By:	Sarah Pickle	

0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 111517)

Component	Source	Source Lot Number
Formic Acid	Fisher	095180B
MeOH (LCMS	BDH	15H250514
Grade)		
Prepared:	11/15/17	
Prepared By:	Tamara Salazar	

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

Component	Source	Source Lot Number
MeOH (LCMS Grade)	Fisher	172516
Water (LCMS Grade)	Fisher	102501
Prepared:	03/08/18	
Prepared By:	Tamara Salazar	

Name Transition 6-MAM 328.2 -> 165 7-aminoclonazepam 286.1 -> 121 Acetyl Fentanyl 323.2 -> 105 Acetyl Norfentanyl 219.1 -> 84.2 a-hydroxyalprazolam 325.1 -> 297 alpha-PVP 232.2 -> 91.0 Alprazolam 309.1 -> 281 Amphetamine 136.1 -> 91.1 Bupropion 240.1 -> 184 Carisoprodol 261.2 -> 176 Citalopram 325.2 -> 109 Clonazepam 316.1 -> 269		Acq. Date-Time 3/8/2018 12:20 PM	4.797 5.252	Resp. 2291	S/N MI 8.92	Transition 328.2 -> 211	Area	S/N	MI Name	Transition	RT	Resp.	2
azepam anyl entanyl prazolam ne		3/8/2018 12:20 PM	4.797	2291	8.92	328 2 -> 211	101						Ē
anyl antanyl prazolam ne		710 00 07 0700 0.0	5.252			1.010	765	Infinity	▼ 6-MAM-D6	334.2 -> 165	4.756	71445	L
anyl prazolam prazolam ne		3/8/2018 12:20 PM	1211	34326	5792.22	286.1 -> 222	8529			290.1 -> 121	-	50685	
prazolam prazolam ne	Ė	3/8/2018 12:20 PM	5.654	14149	2646.46	323.2 -> 188	7879	61.89	Acetyl Fentanyl-D5	328.2 -> 105	-	16674	L
prazolam ne	\rightarrow	3/8/2018 12:20 PM	4.671	9540	1755.58	219.1 -> 56.3	3546	1175.66	Acetyl Norfentanyl-D5	224.2 -> 84.2	4.650	513237	L
9	-	3/8/2018 12:20 PM	2.998	7802	2617.95 □	325.1 -> 215	1441	3.31	a-hydroxyalprazolam	330.1 -> 302	5.997	37762	L
e o		3/8/2018 12:20 PM	5.342	111548	29872.7	232.2 -> 77.1	62339	618.61	= alpha-PVP-d8	240.2 -> 91.1	5.320	786509	L
ol ol m	-	3/8/2018 12:20 PM	6.104	99337	155.63	309.1 -> 205	39968	12108	Alprazolam-D5	314.1 -> 286	6.082	402941	L
lo m	\neg	3/8/2018 12:20 PM	4.612	190415	Infinity	136.1 -> 119	75818	Infinity	Amphetamine-D11	147.2 -> 130	4.571	6669	L
lo m	-	3/8/2018 12:20 PM	5.545	114380	6284.82 □	240.1 -> 131	1332	15752	Bupropion-D9	249.2 -> 185	5.524	225781	L
	_	3/8/2018 12:20 PM	5.745	3904	23.57 □	261.2 -> 55.3	39423	16896	Carisoprodol-D7	268.2 -> 183	5.745	57432	L
	-	3/8/2018 12:20 PM	5.774	230614	50789.8	325.2 -> 262	54434	1787.80	Citalopram-D6	331.2 -> 109	-	516830	1_
	_	3/8/2018 12:20 PM	5.940	15109	3669.81	316.1 -> 213	1803	4.25	Clonazepam-D4	320.1 -> 217	-	13063	1
Codeine 300.2 -> 215	_	3/8/2018 12:20 PM	4.700	10886	2393.87	300.2 -> 165	10412	88.98	Codeine-D6	306.2 -> 218	-	55564	L
Cyclobenzaprine 276.2 -> 214	-	3/8/2018 12:20 PM	6.049	104378	434.52	276.2 -> 231	45809	30.95	Cyclobenzaprine-D3	279.2 -> 215	-	598429	L
Dextromethorphan 272.2 -> 171	$\overline{}$	3/8/2018 12:20 PM	5.826	127334	Infinity	272.2 -> 147	1267	345.31	Dextromethorphan-D3	275.2 -> 171	-	374572	L
Dextrorphan 258.2 -> 157	-	3/8/2018 12:20 PM	5.175	54511	9791.14	258.2 -> 133	62012	Infinity	Dextrorphan-D3	261.2 -> 157	-	318218	L
Diazepam 285.1 -> 193	$\overline{}$	3/8/2018 12:20 PM	6.310	58926	349.93 [285.1 -> 153	87479	308.67	T Diazepam-D5	290.1 -> 198	602'9	251664	L
		3/8/2018 12:20 PM	4.597	26811	5749.80	302.2 -> 128	25562	31.26	Dihydrocodeine-D6	308.2 -> 202	4.576	120261	L
Diphenhydramine 256.2 -> 167	***	3/8/2018 12:20 PM	5.747	194929	40278.8	256.2 -> 152	1139	54.17	Diphenhydramine-D3	259.2 -> 167	-	16600	L
Doxylamine 271.2 -> 182	_	3/8/2018 12:20 PM	5.419	168191	139267	271.2 -> 167	2705	478.57	Doxylamine-D5	276.2 -> 187	-	396540	L
EDDP 279.2 -> 235	-	3/8/2018 12:20 PM	5.783	518679	3553.21	279.2 -> 250	2542	82.35	EDDP-D3	282.2 -> 235	5.783	205625	L
Fentanyl 337.2 -> 105	-	3/8/2018 12:20 PM	5.854	17791	48.67	337.2 -> 188	8637	2330.06	Fentanyl-D5	342.3 -> 105	-	13375	L
Fluoxetine 310.1 -> 44.3	\neg	3/8/2018 12:20 PM	5.981	395186	236.79	310.1 -> 148	0696	1984.00	Fluoxetine-D6	316.2 -> 44.3	-	17629	L
Hydrocodone 300.2 -> 198	-	3/8/2018 12:20 PM	4.903	42059	31.81	300.2 -> 128	30534	23.00	Hydrocodone-D6	306.2 -> 202	4.861	276319	L
Hydromorphone 286.2 -> 184		3/8/2018 12:20 PM	4.298	22060	6.94	286.2 -> 157	29783	Infinity	Hydromorphone-D6	292.2 -> 185	-	88686	L
	-	3/8/2018 12:20 PM	5.382	167197	368.02 □	238.1 -> 220	29473	8.73	Ketamine-D4	242.1 -> 129	5.361	806957	L
ate	_	3/8/2018 12:20 PM	5.301	6486	19.39	219.1 -> 97.1	2703	736.74	Meprobamate-D7	226.2 -> 165	5.301	2492	L
Methadone 310.2 -> 265	-	3/8/2018 12:20 PM	6.082	328916	Infinity [310.2 -> 105	2015	745.57	Methadone-D9	319.3 -> 268	6.061	11682	L
Methamphetamine 150.1 -> 91.1		3/8/2018 12:20 PM	4.773	156556	☐ Infinity	150.1 -> 119	37064	Infinity	■ Methamphetamine-D11	161.2 -> 97.1	4.732	337931	L
Morphine 286.2 -> 201		3/8/2018 12:20 PM	3.996	7340	23.22 [286.2 -> 165	2070	2152.28	Morphine-D6	292.2 -> 152	3.954	21242	L
Naloxone 328.2 -> 309	-	3/8/2018 12:20 PM	4.919	33826	25239.9	328.2 -> 211	3574	18.25	Naloxone-D5	333.2 -> 315	4.858	64665	L
	_	3/8/2018 12:20 PM	4.735	124885	1084.98	344,2 -> 308	27603	1370.86	Naltrexol-D3	347.2 -> 329	4.714	219804	L
		3/8/2018 12:20 PM	4.776	41852	125.26	342.2 -> 55.3	27420	5484.22	Nattrexone-D3	345.2 -> 327	4.755	230265	L
hine	-	3/8/2018 12:20 PM	5.588	1928	6.72	414.3 -> 57.3	1446	289.66	Norbuprenorphine-D3	417.3 -> 101	_	4559	L
Nordiazepam 271.1 -> 140	-	3/8/2018 12:20 PM	6.152	19804	7398.78	271.1 -> 208	5045	Infinity	Nordiazepam-D5	276.1 -> 140	6.151	50135	L
Norfentanyl 233.2 -> 84.2		3/8/2018 12:20 PM	5.117	188346	44352.7	233.2 -> 55.3	58548	23125	Norfentanyl-D5	238.2 -> 84.2	960'5	775972	L
Norhydrocodone 286.2 -> 199	-i	3/8/2018 12:20 PM	4.743	3929	5.36	286.2 -> 171	5479	1551.15	Norhydrocodone-D3	289.2 -> 202	4.742	78390	L
		3/8/2018 12:20 PM	4.700	25413	9397.13	302.1 -> 186	11133	74.50	Noroxycodone-D3	305.2 -> 287	4.658	110934	L
O-desmethyl-tramadol 250.2 -> 58.3		3/8/2018 12:20 PM	4.708	319238	Infinity	250.2 -> 42.3	7596	29.05	- O-desmethyl-tramadol	. 256.2 -> 64.3	4.708	864333	上
Oxazepam 287.1 -> 240	_	3/8/2018 12:20 PM	6.005	5424	9.91	287.1 -> 268	5241	11.53	Oxazepam-D5	292.1 -> 246	5.984	44442	L
Oxycodone 316.2 -> 298	_	3/8/2018 12:20 PM	4.758	108177	☐ Infinity ☐	316.2 -> 241	24949	71.10	Oxycodone-D6	322.2 -> 304	4.737	231925	L
Oxymorphone 302.1 -> 284		3/8/2018 12:20 PM	4.054	58683	Infinity	302.1 -> 227	8080	27.47	Oxymorphone-D3	305.2 -> 287	4.032	268349	L
Phentermine 150.1 -> 65.2		3/8/2018 12:20 PM	4.915	21338	☐ lufinity	150.1 -> 133	2754	11.83	Phentermine-D5	155.2 -> 96.2	4.895	524549	L
Promethazine 285.1 -> 86.2		3/8/2018 12:20 PM	990'9	367149	114827	285.1 -> 71.3	71789	348.61	Promethazine-D3	288.2 -> 89.2	6.046	13736	L
Quetiapine 384.2 -> 253	_	3/8/2018 12:20 PM	6.157	367449	2090.77	384.2 -> 221	1835	220.12	Quetiapine-D8	392.2 -> 226	6.116	406854	L
Sertraline 306.1 -> 158		3/8/2018 12:20 PM	6.247	187872	98.35	306.1 -> 275	69728	42.39	Sertraline-D3	309.1 -> 275	6.246	573034	L
Sufentanil 387.2 ->	> 238	387.2 -> 238 3/8/2018 12:20 PM	6.177	15253	3797.28	387.2 -> 111	19167	120.98	- Sufentanil-D5	392,2 -> 238	6.176	645239	L

me Transition Acq. Date-Time RT Resp. S/N MI Transition Area S/N MI Transition RT Area S/N MI Transition	S	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2	L	L	1 6	L
Dound Method P1 cal 1a P1 cal 1a Results Qualifier 1 M Qualifier 1 M Qualifier 1 M ISTD Method ISTD Method Transition Acq. Date-Time RT Resp. S/N MI Transition Area S/N MI Transition R Area Area S/N MI Transition R Area Area S/N MI	^{TD} Result	Resp.			12286	82445	
bound Method p1 cal 1a p1 cal 1a p1 cal 1a P1 cal 1a Results Qualifier 1 M Qualifier 1 Results Infinity	ISI	FR	6.125	5.194	6.279	5.539	5 940
bound Method p1 cal 1a p1 cal 1a Results Qualifier 1 M Qualifier 1 M Qualifier 1 Results Transition Acq. Date-Time RT Resp. S/N MI Transition Area S/N MI 301.1 -> 255 3/8/2018 12:20 PM 6.147 59725 Infinity 301.1 -> 283 20253 6936.38 Temazepam-130 264.2 -> 58.3 3/8/2018 12:20 PM 5.215 396476 92.20 264.2 -> 43.3 4878 25.62 Temazepam-130 372.2 -> 176 3/8/2018 12:20 PM 6.320 444600 958.05 372.2 -> 148 4602 Infinity Trazodone-Display 278.2 -> 58.3 3/8/2018 12:20 PM 5.540 376375 99161.5 278.2 -> 260 25718 108.55 Venlafaxine-Infinity Infinity Inf	por	Transition	306.1 -> 260	268.2 -> 58.3	378.2 -> 182	284.2 -> 64.3	314.2 -> 235
Dound Method p1 cal 1a p1 cal 1a p1 cal 1a Results Qualifier 1 M Qualifier 1 Results Transition Acq, Date-Time RT Resp. S/N MI Transition Area S/N M 301.1 -> 255 3/8/2018 12:20 PM 6.147 59725 Infinity R 301.1 -> 283 20253 6936.38 R S/S 264.2 -> 58.3 3/8/2018 12:20 PM 6.320 444600 958.05 R 372.2 -> 148 4672 Infinity R 372.2 -> 176 3/8/2018 12:20 PM 6.320 444600 958.05 R 372.2 -> 148 4602 Infinity R 278.2 -> 58.3 3/8/2018 12:20 PM 5.540 376375 99161.5 278.2 -> 260 25718 108.55 R 308.2 -> 235 3/8/2018 12:20 PM 5.942 434963 2319.51 R 308.2 -> 263 1765 467.43	ISTD Meth		Temazepam-D5	Tramadol-13C-D3	Trazodone-D6	Venlafaxine-D6	Zolnidem-D6
bound Method p1 cal 1a p1 cal 1a p1 cal 1a Results Qualifier 1 M	sults	Ξ	38	.62	L	.55	43
bound Method p1 cal 1a p1 cal 1a p1 cal 1a Results Qualifier 1 M Qualifier 1 M <th< td=""><td>er 1 Re</td><td></td><td>6936</td><td></td><td></td><td></td><td></td></th<>	er 1 Re		6936				
bound Method p1 cal 1a p1 cal 1a Pesults Transition Acq. Date-Time RT Resp. S/N MI 301.1 -> 255 3/8/2018 12:20 PM 6.147 59725 Infinity MI 264.2 -> 58.3 3/8/2018 12:20 PM 5.215 396476 92.20 MI 372.2 -> 176 3/8/2018 12:20 PM 6.320 444600 958.05 MI 278.2 -> 58.3 3/8/2018 12:20 PM 5.540 376375 99161.5 MI 308.2 -> 235 3/8/2018 12:20 PM 5.942 434963 2319.51 MI	Qualifi	Area	20253	4878	4602	25718	1265
bound Method p1 cal 1a p1 cal 1a Pesults Transition Acq. Date-Time RT Resp. S/N MI 301.1 -> 255 3/8/2018 12:20 PM 6.147 59725 Infinity MI 264.2 -> 58.3 3/8/2018 12:20 PM 5.215 396476 92.20 MI 372.2 -> 176 3/8/2018 12:20 PM 6.320 444600 958.05 MI 278.2 -> 58.3 3/8/2018 12:20 PM 5.540 376375 99161.5 MI 308.2 -> 235 3/8/2018 12:20 PM 5.942 434963 2319.51 MI	Qualifier 1 M	Transition	301.1 -> 283	264.2 -> 43.3	372.2 -> 148	278.2 -> 260	308.2 -> 263
bound Method p1 cal 1a p1 cal 1a p1 cal 1a Resp. Transition Acq. Date-Time RT Resp. 301.1 -> 255 3/8/2018 12:20 PM 6.147 59725 264.2 -> 58.3 3/8/2018 12:20 PM 5.215 396476 372.2 -> 176 3/8/2018 12:20 PM 6.320 444600 278.2 -> 58.3 3/8/2018 12:20 PM 5.540 376375 99 308.2 -> 235 3/8/2018 12:20 PM 5.942 434963 2		≅	Ë	드			L
bound Method p1 cal 1a p1 cal 1a Transition Acq. Date-Time RT Resp. 301.1 -> 255 3/8/2018 12:20 PM 6.147 59725 264.2 -> 58.3 3/8/2018 12:20 PM 5.215 396476 372.2 -> 176 3/8/2018 12:20 PM 6.320 444600 278.2 -> 58.3 3/8/2018 12:20 PM 5.540 376375 308.2 -> 235 3/8/2018 12:20 PM 5.942 434963	esults	S/N	Infinity	92.20	958.0€	99161.5.	2319.51
Dound Method p1 cal 1a Transition Acq. Date-Time RT 301.1 -> 255 3/8/2018 12:20 PM 6.147 264.2 -> 58.3 3/8/2018 12:20 PM 5.215 372.2 -> 176 3/8/2018 12:20 PM 6.320 278.2 -> 58.3 3/8/2018 12:20 PM 5.540 308.2 -> 235 3/8/2018 12:20 PM 5.542	p1 cal 1a Re	Resp.	59725	396476	444600	376375	434963
Sound Metho			6.147	5.215	6.320	5.540	5.942
Sound Metho	p1 cal 1a	Acq. Date-Time	3/8/2018 12:20 PM				
Compound Met Name Temazepam Tramadol Trazodone Venlafaxine Zolpidem	poq	Transition	301.1 -> 255	264.2 -> 58.3	372.2 -> 176	278.2 -> 58.3	308.2 -> 235
	Compound Met	Name	Temazepam	Tramadol	Trazodone	Venlafaxine	Zolpidem

Name		Compound Method	thod	p1 negative		p1 negative Results	Results	ď	Qualifier 1 M	Qualifie	Qualifier 1 Resul	Jul	ISTD Method	Ę.	IST	ISTD Results
288.2 - 165, 382.018 12.39 PM		Name	Transition	Acq. Date-Time	RT	Resp.		5		Area	N/S	Ξ	Name	Transition	ᅜ	Resp.
Continue	F	6-MAM	328.2 -> 165		4.777	52	0.74	33	^	20	0.21	L	5-MAM-D6	334.2 -> 165	4.756	
Figure 1985 1982		7-aminoclonazepam	286.1 -> 121	_	5.191	118	0.75	2	^	113	0 74	i_	7-Aminoclonazenam-D4	1	-	
Very Part		Acetyl Fentanyl	323.2 -> 105		5.654		54.89	3	23.2 -> 188			Ĺ	Acetyl Fentanyl-D5	1 ^	_	
National State		Acetyl Norfentanyl	219.1 -> 84.2	3/8/2018 12:39 PM	4.671	150	7.87	2	19.1 -> 56.3	166	06.0	L	Acetyl Norfentanyl-D5	224.2 -> 84.2	-	
VPP 22.22 > 9.10 / 38.2018 12.39 PM 5.32 1 36.11 16.59 PM 5.32 1 36.11 16.50 PM 5.02 1 70.04 PM		a-hydroxyalprazolam	325.1 -> 297					3	25.1 -> 215			L	a-hydroxyalprazolam-D5	330.1 -> 302	5.997	L
latin		alpha-PVP	232.2 -> 91.0	_	5.321		1 69 [7	32.2 -> 77.1			L	alpha-PVP-d8	240.2 -> 91.1	5.320	852169
tannine 1361 -> 911 318/2018 12:39 PM 4.673 6885 Infinity 116.1 > 119. 265 12.5 Infinity 265 21.5 318/2018 12:39 PM 6.022 285 3 Infinity 265 21.5 318/2018 12:39 PM 6.022 285 3 Infinity 265 21.5 318/2018 12:39 PM 6.022 285 3 Infinity 265 21.5 318/2018 12:39 PM 6.022 285 3 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.022 285 3 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.022 285 3 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.023 287 285 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.023 287 285 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.023 287 285 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.023 287 287 286 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.023 287 287 286 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.023 287 287 286 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.023 287 287 286 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.023 287 287 287 286 Infinity 272 2 -> 176.2 318/2018 12:39 PM 6.023 287 287 287 286 Infinity 265 2 -> 176.2 318/2018 12:39 PM 6.023 287 287 287 287 287 287 287 287 287 287	\dashv	Alprazolam	309.1 -> 281		5.941		1.26	3		97	0.45	L	Alprazolam-D5	314.1 -> 286	6.082	
Page 10 Page 12.39 PM Page 13.31 Page 13.31 PM Page 13.31 Page 13.31 PM Page 13.31 Page 13.31 PM P		Amphetamine	136.1 -> 91.1	3/8/2018 12:39 PM	4.673		Infinity	Ť	36.1 -> 119	265	1.23	L	Amphetamine-D11	147.2 -> 130	4.551	_
remethorham 316.1 - 266. 38/2018 12.39 PM 5.774 5.78 2.91 [326.1 - 265.3	-	Bupropion	240.1 -> 184					_ 24	40.1 -> 131			L	Bupropion-D9	249.2 -> 185	5.524	23
rem 3552 > 109, 38200 8 1239 PM 6029 296 045	-	Carisoprodol	261.2 -> 176				A	_ 2t	51.2 -> 55.3			L	Carisoprodol-D7	268.2 -> 183	5.745	69626
916.1 > 256. 38/2018 12:39 PM 6.029		Citalopram	325.2 -> 109	-	5.774		2.39	3,	25.2 -> 262				Citalopram-D6	331.2 -> 109	5.753	551470
Participation 1902 -> 215. 3882018 12:39 PM 6.029 447 2.56 2.525 -> 231. 1892018 12:39 PM 6.029 447 2.56 2.525 -> 231. 1892018 12:39 PM 6.029 447 2.56 2.525 -> 231. 1892018 12:39 PM 6.155 390 2.56 2.525 -> 131. 1892018 12:39 PM 6.249 344 119 2.585 1> 132. 1892018 12:39 PM 6.249 344 119 2.585 1> 132. 1892018 12:39 PM 6.249 344 119 2.585 1> 152. 1892018 12:39 PM 6.249 345 2.512 -> 152. 1892018 12:39 PM 6.249 347 372 -> 162. 1892018 12:39 PM 6.249 347 372 -> 162. 1892018 12:39 PM 6.767 36	-	Clonazepam	316.1 -> 269		6.082	295	0.65	3				L	Clonazepam-D4	320.1 -> 217	5.939	19400
remagnirie	_	Codeine	300.2 -> 215				_	3				L	Codeine-D6	306.2 -> 218	-	58804
Principle 272.2 + 171. 38/2018 12.39 PM 5.145 390 250 255.2 + 147. 31.5 51.	_	Cyclobenzaprine	276.2 -> 214		6.029		2.26	2.				L	Cyclobenzaprine-D3	279.2 -> 215	6.048	663435
phan 258.2 → 157. 38/2018 12:39 PM 5.155 390 250 250 ≥ 133. 183 1.18	_	Dextromethorphan	272.2 -> 171					7.	72.2 -> 147			L	Dextromethorphan-D3	275.2 -> 171	5.805	397150
ann 285.1 > 193. 382018 12.39 PM 6.249 344 119 285.1 > 153. 22 281 7 boodeline 302.2 > 198. 382.018 12.39 PM 5.740 94 0.78 7 32.2 > 128. 57 mine 256.2 > 152. 382.018 12.39 PM 5.763 367 3.21 7.712 > 162. 171. 2.56 7 mine 279.2 > 235. 382.018 12.39 PM 5.763 367 3.21 7.712 > 162. 171. 2.56 7 vine 317.2 > 102. 382.018 12.39 PM 5.63 7.5 0.56 7 371.1 > 148. 7 17.1 PM 371.1 > 148. 7 17.1 PM 1	-	Dextrorphan	258.2 -> 157		5.155		2.50	7.	58.2 -> 133	183	1,35	L	Dextrorphan-D3	261.2 -> 157	5.175	333010
cooleline 312.2 -> 198. 318,2018 12:39 PM 5.767 6.0 6.6 1 262.2 -> 128. 510 2.16 7 Invidramine 250.2 -> 167. 36.0 0.08 1 265.2 -> 152. 510 2.16 7 Infine 271.2 -> 162. 382.018 12:39 PM 5.763 367 3.21 2 71.2 -> 167. 12.1. 2.16 7 Infine 317.2 -> 105. 382.018 12:39 PM 5.763 367 3.21 2 71.2 -> 162. 39 0.50 7 Infine 310.2 -> 198. 382.018 12:39 PM 4.863 75 0.58 7 30.2 -> 128. 2 9 0.78 7 Inciphone 288.2 -> 184. 382.018 12:39 PM 4.863 75 0.94 7 2 10.2 -> 128. 2 10.7 7 7 Inciphone 238.1 -> 125. 382.018 12:39 PM 4.016 163 8.37 7 2 20.2 17 7 7 7 7 7 7 7 7 7 7 7	_	Diazepam	285.1 -> 193		6.249		1.19		35.1 -> 153	22	2.81	L	Diazepam-D5	290.1 -> 198	6.309	253334
hydramine 256.2 → 167. 3882018 12:39 PM 5.763 567 261. 256. → 152. 510 2.16	_	Dihydrocodeine	302.2 -> 198				-	3(12.2 -> 128			L	Dihydrocodeine-D6	308.2 -> 202	4.576	125012
Mine 2712 > 182_0 382018 12:39 PM 5.440 94 0.78 2712 > 167_0 121_0 2.56 172 182_0 182_	_	Diphenhydramine	256.2 -> 167		5.767		0.66	7	56.2 -> 152	510	2.16	L	Diphenhydramine-D3	259.2 -> 167	5.746	17324
yl 372 - 255 38208 12:39 PM 5.763 367 321 7 279.2 > 250 99 0.50 7 yl 337.2 > 106 388.2018 12:39 PM 4.863 75 0.58 7 30.2 > 188 7 7 codone 300.2 > 198 382.018 12:39 PM 4.863 75 0.58 7 30.2 > 128 29 0.78 7 norphone 286.2 > 184 382018 12:39 PM 4.863 75 0.58 7 286.2 > 157 7 norphetamine 2191. > 156 382018 12:39 PM 4.016 163 8.37 7 286.2 > 165 7 7 7 none 2191. > 156 382018 12:39 PM 4.016 163 8.37 7 286.2 > 165 7 7 7 none 238.1 > 158 382018 12:39 PM 4.016 163 8.37 7 286.2 > 165 7 7 7 none 238.2 > 300 382018 12:39 PM 4.878 479 0.94 7	-	Doxylamine	271.2 -> 182		5.440		0.78	2.	71.2 -> 167	121	2.56		Doxylamine-D5	276.2 -> 187	5.397	421805
337.2 > 105 38/2018 12:39 PM 300.2 > 15 301.1 > 44.3 38/2018 12:39 PM 4.863 75 0.58 7 300.2 > 128 29 0.79 7 300.2 > 184 38/2018 12:39 PM 5.402 2.883 1.10 2.86.2 > 157 7 7 7 7 7 7 7 7 7	_	EDDP	279.2 -> 235		5.763		3.21	7.2.		66	0.50	T	EDDP-D3	282.2 -> 235	5.783	231612
310.1 -> 44.3 3/8/2018 12:39 PM 4.863 75 0.58 73 73 70.1 -> 148 7 7 7 7 7 7 7 7 7	_	Fentanyl	337.2 -> 105				_	3				L	Fentanyl-D5	342.3 -> 105	5.834	14252
300.2 -> 198. 3/8/2018 12:39 PM 4.863 75 0.58 300.2 -> 128 29 0.79	_	Fluoxetine	310.1 -> 44.3				-	ا س	10.1 -> 148			L	Fluoxetine-D6	316.2 -> 44.3	5.960	19180
286.2 > 184 3/8/2018 12:39 PM 5.402 283 1.10 238.1 > 220	_	Hydrocodone	300.2 -> 198		4.863		0.58	ಕ	00.2 -> 128	29	0.79	L	Hydrocodone-D6	306.2 -> 202	4.861	313030
238.1 -> 125 3/8/2018 12:39 PM 5.402 283 110 238.1 -> 220	_	Hydromorphone	286.2 -> 184					ام ا	86.2 -> 157				Hydromorphone-D6	292.2 -> 185	-	100917
219.1 -> 158. 382018 12:39 PM 10.2 -> 105 10.2 -> 10 10.2 -> 10 10.2 -> 10 10.2 -> 10 10.2 -> 10 10.2 -> 10	-	Ketamine	238.1 -> 125		5.402		1.10	7	38.1 -> 220				Ketamine-D4	242.1 -> 129	5.361	8
310.2 -> 265 3/8/2018 12:39 PM 10.1 -> 105 10.1 -> 105 10.1 -> 105 10.1 -> 110 1	_	Meprobamate	219.1 -> 158					7	19.1 -> 97.1				Meprobamate-D7	226.2 -> 165	5.301	_
150.1 -> 91.1 3/8/2018 12:39 PM 4.016 163 8.37 286.2 -> 165 50.1 -> 119 5.1 -> 119		Methadone	310.2 -> 265					in l	^				Methadone-D9	319.3 -> 268	6.061	
286.2 -> 201 3/8/2018 12:39 PM 4.016 163 8.37 7 286.2 -> 165 7 328.2 -> 309 3/8/2018 12:39 PM 4.878 479 0.94 7 328.2 -> 211 7 344.2 -> 326 3/8/2018 12:39 PM 4.755 5661 12.38 7 344.2 -> 308 7 342.2 -> 324 3/8/2018 12:39 PM 4.960 89 201 7 342.2 -> 55.3 7 414.3 -> 101 3/8/2018 12:39 PM 6.152 95 1.42 7 271.1 -> 208 50 35.58 7 233.2 -> 84.2 3/8/2018 12:39 PM 6.152 94.55 7 286.2 -> 171 6.15 64.44 7 302.1 -> 284 3/8/2018 12:39 PM 4.700 373 117.13 7 202.1 -> 186 28.3 64.44 7 302.1 -> 284 3/8/2018 12:39 PM 4.700 373 117.13 7 250.2 -> 42.3 273 10.2 302.1 -> 284 3/8/2018 12:39 PM 4.700 376 2.97 7 287.1 -> 268 3/8/2018 12:39 PM 4.03 187 74.90 7 302.1 -> 271 150.1 -> 272 302.1 -> 284	-	Methamphetamine	150.1 -> 91.1	_					4				Methamphetamine-D11	161.2 -> 97.1	4.732	7
328.2 -> 309 3/8/2018 12:39 PM 4.878 479 0.94 738.2 -> 211	-	Morphine	286.2 -> 201		4.016		8.37	77	86.2 -> 165				Morphine-D6	292.2 -> 152	3.975	
344.2 -> 326 3/8/2018 12:39 PM 4,755 5661 12.38 344.2 -> 308 7	_	Naloxone	328.2 -> 309		4.878		0.94	33	28.2 -> 211				Naloxone-D5	333.2 -> 315	4.858	
342.2 -> 324 3/8/2018 12:39 PM 4.960 89 2.01 7 414.3 -> 55.3 414.3 -> 101 3/8/2018 12:39 PM 6.152 95 1.42 7 271.1 -> 208 50 6.55.9 271.1 -> 140 3/8/2018 12:39 PM 6.152 95 1.42 7 271.1 -> 208 50 6.15. 95 1.42 7 271.1 -> 208 50.96 73 94.55 271.1 -> 208 50.96 273 94.55 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 171 286.2 -> 186 302.1 -> 288 302.1 -> 288 302.1 -> 288 302.1 -> 288 302.1 -> 288 302.1 -> 288 302.1 -> 288 302.1 -> 288 302.1 -> 288 302.1 -> 288 302.1 -> 288 302.1 -> 298 302.1 -> 298 302.1 -> 298 302.1 -> 298 <td>_</td> <td>Nattrexol</td> <td>344.2 -> 326</td> <td></td> <td>4.755</td> <td></td> <td>12.38</td> <td><u>ښ</u></td> <td>44.2 -> 308</td> <td></td> <td></td> <td></td> <td>Naltrexol-D3</td> <td>Λl</td> <td>_</td> <td></td>	_	Nattrexol	344.2 -> 326		4.755		12.38	<u>ښ</u>	44.2 -> 308				Naltrexol-D3	Λl	_	
414.3 -> 101 3/8/2018 12:39 PM 6.152 95 1.42 7271.1 -> 208 55.58 7 271.1 -> 140 3/8/2018 12:39 PM 6.152 95 1.42 7271.1 -> 208 55.59 7 233.2 -> 84.2 3/8/2018 12:39 PM 5.096 273 94.55 7 286.2 -> 171 55.99 7 286.2 -> 199 3/8/2018 12:39 PM 4.700 373 117.13 302.1 -> 186 288 64.44 7 3dol 250.2 -> 58.3 3/8/2018 12:39 PM 4.708 3350 Infinity 250.2 -> 42.3 278 1.02 7 3dol 250.2 -> 58.3 3/8/2018 12:39 PM 4.708 3350 Infinity 250.2 -> 42.3 278 1.02 7 3dol 21 -> 240 3/8/2018 12:39 PM 4.860 2276 2.04 287.1 -> 268 350 1.37 7 150.1 -> 55.2 3/8/2018 12:39 PM 4.033 187 74.90 750.1 -> 277 7 7 150.1 -> 65.2 3/8/2018 12:39 PM 6.198 110 0.74 384.2 -> 221 434 8.11 7	-	Nattrexone	342.2 -> 324		4.960	88	2.01	හි 	42.2 -> 55.3				Naltrexone-D3	345.2 -> 327	_	233913
271.1 -> 140 3/8/2018 12:39 PM 6.152 95 142 271.1 -> 208 50 35.58 58 58 58 58 58 58 58	-1	Norbuprenorphine	414.3 -> 101					4	14.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101	_	
233.2 -> 84.2 3/8/2018 12:39 PM 5.096 273 94.55 233.2 -> 55.3 613 525.99 1 286.2 -> 199 3/8/2018 12:39 PM 4.700 373 117.13 286.2 -> 171 286.2 -> 171 7 302.1 -> 284 3/8/2018 12:39 PM 4.700 373 117.13 302.1 -> 186 283 64.44 7 1 adol 250.2 -> 58.3 3/8/2018 12:39 PM 4.708 3350 Infinity 250.2 -> 42.3 278 1.02 7 2 271 -> 240 3/8/2018 12:39 PM 4.860 2276 2.97 316.2 -> 241 1.7 1.7 3 302.1 -> 284 3/8/2018 12:39 PM 4.033 187 74.90 302.1 -> 2271 150.1 -> 2271 150.1 -> 2271 150.1 -> 2271 150.1 -> 2271 150.1 -> 2271 17 2 85.1 -> 86.2 3/8/2018 12:39 PM 6.046 1305 Infinity 285.1 -> 71.3 421 154.61 7 2 85.1 -> 86.2 3/8/2018 12:39 PM 6.198 110 0.74 384.2 -> 221 434 341 7 3 84.2 -> 253 3/8/2018 12:39 PM 6.267 306.1 -> 275 306.1 -> 275 736.1 -> 275 736.1 -> 275 736.1 -> 275<	7	Nordiazepam	271.1 -> 140		6.152		1 42	2	-		35.58		Nordiazepam-D5	276.1 -> 140	6.151	
286.2 -> 199 386.2 -> 171 286.2 -> 171 286.2 -> 171 <td>1.</td> <td>Nortentanyi</td> <td>233.2 -> 84.2</td> <td></td> <td>5.096</td> <td></td> <td>94.55</td> <td>7</td> <td>+</td> <td>_</td> <td>525.99</td> <td></td> <td>Norfentanyl-D5</td> <td>238.2 -> 84.2</td> <td>5.096</td> <td>ω.</td>	1.	Nortentanyi	233.2 -> 84.2		5.096		94.55	7	+	_	525.99		Norfentanyl-D5	238.2 -> 84.2	5.096	ω.
302.1 -> 284 3/8/2018 12:39 PM	4	Norhydrocodone	286.2 -> 199					7	86.2 -> 171				Norhydrocodone-D3	289.2 -> 202	4.742	┙
250.2 -> 58.3 3/82018 12:39 PM 4.708 3350 Infinity 250.2 -> 42.3 278 102 I 287.1 -> 240 3/82018 12:39 PM 6.168 160 2.04	-1	Noroxycodone	302.1 -> 284		4.700		117.13	ಕ	02.1 -> 186	283	64.44		Noroxycodone-D3	305.2 -> 287	4.658	
267.1 - 240 300.2016 12.35 FM 6.100 2.76 2.07 2.67.1 - 2.08 350 1.37 1 1 1 1 1 1 1 1 1	+	O-desmetnyl-tramadol	250.2 -> 58.3		4.708		Infinity	N C	<u>۱</u> ۱	2/8	1.02	_ L	O-desmethyl-tramadol	256.2 -> 64.3	4.688	۳_
310.2> 2.50c 30.2.016 12.39 FW 4.033 187 74.90 30.2.1 -> 241 150.1 -> 284 318.2018 12.39 PW 4.033 187 74.90 30.2.1 -> 227	+	Oxazepani	246.7 - 240	_	000	001	2.04	7 6	۱ ۱	nes	1.37	L	Oxazepam-U5	292.1 -> 240	0.384	
302.1 -> 284 384.20 8 2.53 87 74.30 302.1 -> 222 1 150.1 -> 222 1 150.1 -> 222 1 150.1 -> 222 1 150.1 -> 222 1 150.1 -> 133 1 150.1 -> 133 1 150.1 -> 133 1 150.1 -> 133 1 150.1 -> 133 1 150.1 -> 133 1 150.1 -> 133 1 150.1 -> 133 1 150.1 -> 133 1 150.1 -> 133 1 1 150.1 -> 133 1 1 1 1 1 1 1 1 1	+	CASCOLORIC	300 4 7 230		4 000		16.2) j	10.2 - 241			1	Oxycodolle-Do	322.2 -> 304	4.73	_
130.1 -> 63.2 3/8/2018 12:39 PM 6.046 1305 Infinity 285.1 -> 71.3 421 154.61	+	Oxymorphorie	302.1 -> 284		4.033		/4.90	ا با	72.1 -> 22.1			Ī.	Oxymorphone-D3	305.2 -> 28/	4.032	
285.1 -> 86.2 3/8/2018 12:39 PM 6.046 1305 Infinity 285.1 -> 71.3 421 154.61	II.	Phentermine	150.1 -> 65.2	3/8/2018 12:39 PM					50.1 -> 133				Phentermine-D5	155.2 -> 96.2	4.915	
384.2 -> 253 3/8/2018 12:39 PM 6.198 110 0.74 384.2 -> 221 434 3.11	_	Promethazine	285.1 -> 86.2		6.046		Infinity	7		421	154.61		Promethazine-D3	288.2 -> 89.2	6.046	
306.1 -> 158 3/8/2018 12:39 PM 6.267 315 2.52 306.1 -> 275	-	Quetiapine	384.2 -> 253	!-	6.198		0 74	ස 	^	434	3.11		Quetiapine-D8		-	
Later	1	Sertraline	306.1 -> 158		6.267		2 52	ಹ 	-> 275				Sertraline-D3	309.1 -> 275	6.246	565151

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Compound Method	/ethod	p1 negative	4	of negative	negative Results	Qualifier 1 M Qualifier 1 Resul	Qualific	er 1 Resi	JI.	ISTD Method	PC	ISTD	ISTD Results
Name	Transition	Acq. Date-Time	R	Resp.	S/N	MI Transition	Area	S/N MI	Σ	Name	TransitionR.T.	-R.T.	Resp.
Temazepam	301.1 -> 255	301.1 -> 255 3/8/2018 12:39 PM	6.147	193	0.58	0.58 301.1 -> 283 180	180	0.73	0.73 Temazepam-D5	repam-D5	306.1 -> 260	6.125	387519
Tramadol	264.2 -> 58.3	264.2 -> 58.3 3/8/2018 12:39 PM	5.215	8577	Infinity	264.2 -> 43.3	260	0.75	Trama	Tramadol-13C-D3	268.2 -> 58.3	5.194	19210
Trazodone	372.2 -> 176	372.2 -> 176 3/8/2018 12:39 PM	6.320	1966	19.10	19.10 7 372.2 -> 148 396	396	2.04	Trazodone-D6	Jone-D6	378.2 -> 182 6.279	6.279	13319
Venlafaxine	278.2 -> 58.3	278.2 -> 58.3 3/8/2018 12:39 PM			L	278.2 -> 260			- Venlaf	Venlafaxine-D6	284.2 -> 64.3	5.539	857350
Zolpidem	308.2 -> 235	308.2 -> 235 3/8/2018 12:39 PM			_	_			Zolpidem-D6	em-D6	314.2 -> 235 5,940	5.940	26007

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Name	Transition	Acq. Date-Time	짪	Resp.	N/S	₹	Transition	Area	S/N	Σ	Name	Transition	RI	Resp.
6-MAM	328.2 -> 165	3/8/2018 12:59 PM				L	328.2 -> 211			L	6-MAM-D6	334.2 -> 165	4.756	68449
7-aminoclonazepam	286.1 -> 121	3/8/2018 12:59 PM				ī	286.1 -> 222			L	7-Aminoclonazepam-D4	290.1 -> 121	5.231	59262
Acetyl Fentanyl	323.2 -> 105	3/8/2018 12:59 PM				L	323.2 -> 188			L	Acetyl Fentanyl-D5	328.2 -> 105	5.652	17595
Acetyl Norfentanyl	219.1 -> 84.2	-	4.691	39	1 04		219.1 -> 56.3			L	Acetyl Norfentanyl-D5	224.2 -> 84.2	4.650	534192
a-hydroxyalprazolam	325.1 -> 297	3/8/2018 12:59 PM	6.119	30	0.67		325.1 -> 215			L	a-hydroxyalprazolam-D5	330.1 -> 302	5.997	34710
alpha-PVP	232.2 -> 91.0	3/8/2018 12:59 PM	5.525	-	0.38		232.2 -> 77.1			L	alpha-PVP-d8	240.2 -> 91.1	5.320	747161
Alprazolam	309.1 -> 281	3/8/2018 12:59 PM	5.921	1074	Infinity	L	309.1 -> 205	3046	188.50	L	Alprazolam-D5	314.1 -> 286	6.082	358060
Amphetamine	136.1 -> 91.1	3/8/2018 12:59 PM	4.673	48198	Infinity		136.1 -> 119			L	Amphetamine-D11	147.2 -> 130	4.551	7586
Bupropion	240.1 -> 184	3/8/2018 12:59 PM				L	240.1 -> 131			L	Bupropion-D9	249.2 -> 185	5.524	238282
Carisoprodol	261.2 -> 176	3/8/2018 12:59 PM				L	261.2 -> 55.3			L	Carisoprodol-D7	268.2 -> 183	5.745	60379
Citalopram	325.2 -> 109	3/8/2018 12:59 PM				L	325.2 -> 262			L	Citalopram-D6	331.2 -> 109	5.753	528150
Clonazepam	316.1 -> 269	3/8/2018 12:59 PM	5.859	165	111.63	L	316.1 -> 213	36	1.02	L	Clonazepam-D4	320.1 -> 217	5.939	13064
Codeine	300.2 -> 215	3/8/2018 12:59 PM					300.2 -> 165			L	Codeine-D6	306.2 -> 218	4.658	52467
Cyclobenzaprine	276.2 -> 214	3/8/2018 12:59 PM	680.9	148	0.88		276.2 -> 231			L	Cyclobenzaprine-D3	279.2 -> 215	6.048	653667
Dextromethorphan	272.2 -> 171	3/8/2018 12:59 PM	5.826	184	0.87	L	272.2 -> 147	281	60.26	L	Dextromethorphan-D3	275.2 -> 171	5.805	369438
Dextrorphan	258.2 -> 157	3/8/2018 12:59 PM	4.992		3.14	L	258.2 -> 133	259	0.45		Dextrorphan-D3	261.2 -> 157	5.175	323832
Diazepam	285.1 -> 193	3/8/2018 12:59 PM	6.351	141	0.82	L	285.1 -> 153	431	1.14	L	Diazepam-D5	290.1 -> 198	6.309	231103
Dihydrocodeine	302.2 -> 198	3/8/2018 12:59 PM				L	302.2 -> 128			L	Dihydrocodeine-D6	308.2 -> 202	4.576	120903
Diphenhydramine	256.2 -> 167	3/8/2018 12:59 PM	5.788	296	1.19		256.2 -> 152			L	Diphenhydramine-D3	259.2 -> 167	5.746	17277
Doxylamine	271.2 -> 182	3/8/2018 12:59 PM	5.521	242	122.73	L	271.2 -> 167	353	41.86	L	Doxvlamine-D5	276.2 -> 187	5.397	384024
EDDP	279.2 -> 235	3/8/2018 12:59 PM	5.783	569	1.68	L	279.2 -> 250	343	1.43	L	EDDP-D3	282.2 -> 235	5.783	236640
Fentanyl	337.2 -> 105	3/8/2018 12:59 PM				L	337.2 -> 188			L	Fentanyl-D5	342.3 -> 105	5.854	13160
Fluoxetine	310.1 -> 44.3	3/8/2018 12:59 PM	6.042	148	127.31	L	310.1 -> 148	25		L	Fluoxetine-D6	316.2 -> 44.3	5.960	16743
Hydrocodone	300.2 -> 198	3/8/2018 12:59 PM				7	300.2 -> 128			L	Hydrocodone-D6	306.2 -> 202	4.861	280141
Hydromorphone	286.2 -> 184	_				L	286.2 -> 157			L	Hydromorphone-D6	292.2 -> 185	4.258	97849
Ketamine	238.1 -> 125	-	5.504	189	0.44	L	238.1 -> 220	681	166.83	L	Ketamine-D4	242.1 -> 129	5.361	807132
Meprobamate	219.1 -> 158	-					219.1 -> 97.1			L	Meprobamate-D7	226.2 -> 165	5.280	3292
Methadone	310.2 -> 265	3/8/2018 12:59 PM	5.961	5342	64.69		310.2 -> 105			L	Methadone-D9	319.3 -> 268	6.061	12302
Methamphetamine	150.1 -> 91.1	3/8/2018 12:59 PM	4.794	13459	Infinity	L	150.1 -> 119				Methamphetamine-D11	161.2 -> 97.1	4.732	443347
Morphine	286.2 -> 201		3.935	75	0.49		286.2 -> 165			L	Morphine-D6	292.2 -> 152	3.975	18481
Naloxone	328.2 -> 309	3/8/2018 12:59 PM				L	328.2 -> 211			L	Naloxone-D5	333.2 -> 315	4.858	63068
Naltrexol	344.2 -> 326	3/8/2018 12:59 PM	4.776	4394	599.97		344.2 -> 308			L	Naltrexol-D3	347.2 -> 329	4.714	205455
Naltrexone	342.2 -> 324	_					342.2 -> 55.3			L	Naltrexone-D3	345.2 -> 327	4.755	227563
Norbuprenorphine	414.3 -> 101						414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101	2.567	4526
Nordiazepam	271.1 -> 140	3/8/2018 12:59 PM				L	271.1 -> 208			L	Nordiazepam-D5	276.1 -> 140	6.151	52796
Norfentanyl	233.2 -> 84.2	3/8/2018 12:59 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.096	809458
Norhydrocodone	286.2 -> 199	3/8/2018 12:59 PM					286.2 -> 171			L	Norhydrocodone-D3	289.2 -> 202	4.742	78797
Noroxycodone	302.1 -> 284	3/8/2018 12:59 PM	4.679		1.87		302.1 -> 186	94	44.09	L	Noroxycodone-D3	305.2 -> 287	4.658	124580
O-desmethyl-tramadol	250.2 -> 58.3	3/8/2018 12:59 PM	4.728	1968	1.73		250.2 -> 42.3			L	O-desmethyl-tramadol	256.2 -> 64.3	4.708	846195
Oxazepam	287.1 -> 240	3/8/2018 12:59 PM	5.965	284	0.93		287.1 -> 268			Ĺ	Oxazepam-D5	292.1 -> 246	6.005	53804
Oxycodone	316.2 -> 298	3/8/2018 12:59 PM	4.880	1880	10.43	L	316.2 -> 241	132	0.30	L	Oxycodone-D6	322.2 -> 304	4.737	232485
Oxymorphone	302.1 -> 284	3/8/2018 12:59 PM				L	302.1 -> 227				Oxymorphone-D3	305.2 -> 287	4.032	268099
Phentermine	150.1 -> 65.2	3/8/2018 12:59 PM	4.773	3259	0.86		150.1 -> 133	273	64.06	L	Phentermine-D5	155.2 -> 96.2	4.915	588391
Promethazine	285.1 -> 86.2	3/8/2018 12:59 PM	6.046		08.0	L	285.1 -> 71.3	329	2:32	L	Promethazine-D3	288.2 -> 89.2	6.046	13840
Quetiapine	384.2 -> 253	_	6.157	37460	24246.01	L	384.2 -> 221	18732	11363	L	Quetiapine-D8	392.2 -> 226	6.116	401110
Sertraline	306.1 -> 158						306.1 -> 275			L	Sertraline-D3	309.1 -> 275	6.246	588932
Cufentenil	297.7 \ 739	3/8/2018 12:59-PM	6.197	126	100.05	L	387.2 -> 111	1173	2.13	L	Sufentanil-D5	392 2 -> 238	6 176	674648

ISTD Results	Resp.	394678	17075	12201	866370	
ISTD	RT	6.125	5.194	6.279	5.539	5.940
poq	Transition	306.1 -> 260	268.2 -> 58.3	378.2 -> 182	-	-
ISTD Method	Name	Temazepam-D5	Tramadol-13C-D3	Trazodone-D6	Venlafaxine-D6	Zolpidem-D6
sults	Ξ	1	0.93	23.93	1.95	7 7
Qualifier 1 Results	S/N	113.77				22497
Qualifi	Area	205104	291	2275	136	12821
Qualifier 1 M	Transition	301.1 -> 283	264.2 -> 43.3	372.2 -> 148	278.2 -> 260	308.2 -> 263
হ	Σ	L L] 	[2]	ις Σ	L
control Results	S/N	Infinity	8.8	2.75	0.8	Infinity
p1 external cor	Resp.	694093	8506	2177	324	40032
p1e	R	6.147	5.215	6.320	5.418	5.962
p1 external control	Acq. Date-Time	301.1 -> 255 3/8/2018 12:59 PM	3/8/2018 12:59 PM	3/8/2018 12:59 PM	3/8/2018 12:59 PM	308.2 -> 235 3/8/2018 12:59 PM
lethod	Transition	301.1 -> 255	264.2 -> 58.3	1	278.2 -> 58.3	308.2 -> 235
Compound Method	Name	Temazepam	Tramadol	Trazodone	Venlafaxine	Zolpidem

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Name	Transition	Acq. Date-Time	RT	Resp.	N/S	MI Transition	Area	S/N N	MI Name	Je.	Transition	FA	Resp.
7-aminoflunitrazepam	284.1 -> 135	3/8/2018 12:30 PM	5.404	99348	257.51	7 284.1 -> 93.2	12749	44.64	7-aminoflunitrazepam-D7	zepam-D7	291.2 -> 138	5.382	721353
alpha-hydroxymidazol	342.1 -> 324	3/8/2018 12:30 PM	6.068		81.04		-		alpha-hydroxymidazolam	midazolam	346.1 -> 328	6.048	264832
Amitriptyline	278.2 -> 91.2	3/8/2018 12:30 PM	6.120	278185	79.21	7 278.2 -> 105.	1145	94.77	- Amitriptyline-D3	13	281.2 -> 91.2	6.119	690111
Amoxapine	314.1 -> 271	3/8/2018 12:30 PM	6.092	24866	636.97	7 314.1 -> 193.	49258	140.66	_ Amitriptyline-D3	33	281.2 -> 91.2	6.119	690111
Benzoylecgonine	290.1 -> 168	_	5.038	_	227.96	[290.1 -> 105.	11822	87.64	Benzoylecgonine-D8	ine-D8	298.2 -> 171	5.017	9651
Carbamazepine	237.1 -> 193		5.759		82.89	7 237.1 -> 194	2600	133.38	Carbamazepine-13C6	e-13C6	243.1 -> 200	5.758	14612
Chlordiazepoxide	300.1 -> 227	-	6.177		202.93	300.1 -> 282	27084	25.33	Chlordiazepoxide-D5	ide-D5	305.1 -> 286	6.176	551643
Clomipramine	315.2 -> 86.2	3/8/2018 12:30 PM	6.356	453848	246.61	T 315.2 -> 58.3	3 2401	172.38	Clomipramine-D3	D3	318.2 -> 89.2	6.356	13609
Cocaine	304.2 -> 182	_	5.340	208508	139.25		33205	15562	Cocaine-D3		307.2 -> 185	5.339	833067
Desipramine	267.2 -> 72.3	3/8/2018 12:30 PM	6:038	359202	858.86	[267.2 -> 44.3	1388	312.23	Desipramine-D3)3	270.2 -> 75.3	6:039	650570
Doxepin	280.2 -> 107	_	5.854	79236	584.17	[280.2 -> 77.2	35303	100.63	_ Doxepin-D3		283.2 -> 107	5.853	176354
Estazolam	295.1 -> 267	3/8/2018 12:30 PM	6.014	56555	135.61	F 295.1 -> 205.	47867	10391	Estazolam-D5		300.1 -> 272	5.993	536715
Flunitrazepam	314.1 -> 268		6.031	84486	36814.09		25173		Flunitrazepam-D7	-07	321.1 -> 245	6.030	52454
Flurazepam	388.2 -> 315	_	5.904	225725	1127.68	T 388.2 -> 317	27393	188.68	Zopiclone-D4		393.1 -> 244	5.883	128415
Imipramine	281.2 -> 86.2	3/8/2018 12:30 PM	6.079	`	2568.88	[281.2 -> 58.3	2288	Infinity	Imipramine-D3		284.2 -> 61.3	6.078	14240
Levamisole	205.1 -> 91.2	3/8/2018 12:30 PM	4.806	55719	50.98	厂 205.1 -> 178	76444	112.62	Cocaine-D3		307.2 -> 185	5.339	833067
Maprotiline	278.2 -> 91.2	3/8/2018 12:30 PM	5.773	230197	65.57	[] 278.2 -> 117	2193	12.48	Meperidine-D4		252.2 -> 224	5.370	175765
MDA	180.1 -> 163	_	4.767	68969	37.36	☐ 180.1 -> 105	22313	107.24	MDA-D5		185.1 -> 168	4.747	153151
MDEA	208.1 -> 163	-	5.008	191219	331.98	[208.1 -> 105	82323	1260.63	MDEA-D6		214.2 -> 166	5.008	672381
MDMA	194.1 -> 163		4.867	180537	178.78	T 194.1 -> 105	_		MDMA-D6		200.2 -> 166	4.847	35915
Meperidine	248.2 -> 220		5.370	83729	446.90	7 248.2 -> 174	70133	421.72	Meperidine-D4	,	252.2 -> 224	5.370	175765
Methylphenidate	234.2 -> 84.2	_	5.290	362159	149.31		-	119.33	Meperidine-D4		252.2 -> 224	5.370	175765
Metoprolol	268.2 -> 116		5.202		107.97	Z68.2 -> 56.3	-		Meperidine-D4		252.2 -> 224	5.370	175765
Midazolam	326.1 -> 223		6.213		80.08	326.1 -> 249.	-	93.01	Midazolam-D4		330.1 -> 295	6.212	622787
Mirtazapine	266.2 -> 195		5.755	``	187.16		-	(,)	Midazolam-D4		330.1 -> 295	6.212	622787
Mitragynine	399.2 -> 174	_	5.903	92998	32096.78	399.2 -> 238.	19898	141.49	Carbamazepine-13C6	e-13C6	243.1 -> 200	5.758	14612
Normeperidine	234.1 -> 42.3	3/8/2018 12:30 PM	5.352	69774	264.12	Z34.1 -> 160	6,		Normeperidine-D4	-D4	238.2 -> 164	5.351	552634
Norpropoxyphene	326.2 -> 44.3	3/8/2018 12:30 PM	5.907	31750	Infinity	☐ 326.2 -> 252	_		Norpropoxyphene-D5	ene-D5	331.2 -> 44.3	2:907	141083
Nortriptyline	264.2 -> 91.2	_	6.082	118673		▼ 264.2 -> 233	_	Infinity	▼ Nortriptyline-D3	3	267.2 -> 233	6.081	536022
Ondansetron	294.2 -> 184	_	5.567	157042	334.56	7 294.2 -> 212	-		Pentazocine-13C3	3C3	289.2 -> 72.3	5.403	809627
Pentazocine	286.2 -> 218		5.403	148739	237.30	7 286.2 -> 41.3	-	۲	Pentazocine-13C3	3C3	289.2 -> 72.3	5.403	809627
Phenazepam	349.0 -> 206		6.088		129.80	☐ 349.0 -> 183.	-	_	Phenazepam-D4	40	353.0 -> 183	6.087	7407
Phencyclidine	244.2 -> 86.2		5.636		326.41	7 244.2 -> 91.1		-	Phencydlidine-D5	-D5	249.2 -> 86.2	5.635	685653
Phenytoin	253.1 -> 104		5.675	3110	1579.20	[253.1 -> 182.			Phenytoin-D10		263.2 -> 192	5.655	12492
Prazepam	325.1 -> 271		6.557	363613	474.45	325.1 -> 140	1259	229.65	Prazepam-D5		330.1 -> 276	6.536	20718
Primidone	219.1 -> 91.2	3/8/2018 12:30 PM	5.109	6773	44780.03		_		Prazepam-D5		330.1 -> 276	6.536	20718
Propoxyphene	340.2 -> 58.3	-	5.947	305295	339.11	☐ 340.2 -> 266	39265	177.59	Propoxyphene-D11	-D11	351.3 -> 277	5.946	117723
Protriptyline	264.2 -> 155	-	5.979	13284	Infinity		404	8.57	Nortriptyline-D3	3	267.2 -> 233	6.081	536022
Pseudoephedrine	166.1 -> 148		4.404	30696	217.01	☐ 166.1 -> 133 <u>.</u>	_		Pseudoephedrine-D3	ine-D3	169.1 -> 151	4.404	11622
Tapentadol	222.2 -> 107		5.189	181349	653.00		84071	370.96	Tapentadol-D3		225.2 -> 107	5.189	733899
Trimipramine	295.2 -> 100		6.178	474835	326.65	7 295.2 -> 58.3	2445	208.19	Trimipramine-D3	33	298.2 -> 103	6.157	24828
Verapamil	455.3 -> 165	3/8/2018 12:30 PM	5.923	358154	69339.12		1076	183.35	Trimipramine-D3	33	298.2 -> 103	6.157	24828
Zaleplon	306.1 -> 236		5.849	82628	351.68	306.1 -> 264	1056	1115.09	Zaleplon-D4		310.2 -> 240	5.848	189990
Zopiclone	389 1 -> 244	2/0/2010 12:20 DRA	TOO L										



Compound Method	DOUL	pz negative												
Name	Transition	Acq. Date-Time	R	Resp.	N/S	₹	Transition	Area	N/S	₹	Name	Transition	RT	Resp.
7-aminoflunitrazepam	284.1 -> 135	3/8/2018 12:49 PM	5.527	3436	18.63	2	284.1 -> 93.2			L	7-aminoflunitrazepam-D7	291.2 -> 138	5.403	739576
alpha-hydroxymidazol	. 342.1 -> 324		6.210	287	0.35	E	342.1 -> 203	286	2.16	L	alpha-hydroxymidazolam	346.1 -> 328	6.068	298201
Amitriptyline	278.2 -> 91.2	3/8/2018 12:49 PM	6.262	4	1.23		278.2 -> 105	270	0.72	L	Amitriptyline-D3	281.2 -> 91.2	6.139	737549
Amoxapine	314.1 -> 271	3/8/2018 12:49 PM	6.072	788	3.77	3	314.1 -> 193	868	506.29	ī	Amitriptyline-D3	281.2 -> 91.2	6.139	737549
Benzoylecgonine	290.1 -> 168	3/8/2018 12:49 PM	5.260	118	0.68	$\frac{1}{2}$	290.1 -> 105	451	1.82	匸	Benzoylecgonine-D8	298.2 -> 171	5.037	9167
Carbamazepine	237.1 -> 193	3/8/2018 12:49 PM	5.698	8 479	0.38		237.1 -> 194	373	99.0	L	Carbamazepine-13C6	243.1 -> 200	5.779	15908
Chlordiazepoxide	300.1 -> 227	3/8/2018 12:49 PM				E	300.1 -> 282			L	Chlordiazepoxide-D5	305.1 -> 286	6.196	556018
Clomipramine	315.2 -> 86.2	3/8/2018 12:49 PM	6.315	159	0.49	<u>ا</u>	315.2 -> 58.3	674	231.53	L	Clomipramine-D3	318.2 -> 89.2	6.376	14389
Cocaine	304.2 -> 182	3/8/2018 12:49 PM	5.421	829	0.47	E	304.2 -> 105	305	1.03	L	Cocaine-D3	307.2 -> 185	5.360	871410
Desipramine	267.2 -> 72.3	3/8/2018 12:49 PM	6.101	4111	12.27	7	267.2 -> 44.3	574	15.17	L	Desipramine-D3	270.2 -> 75.3	6:029	709418
Doxepin	280.2 -> 107	3/8/2018 12:49 PM	5.854	1 265	0.75	7	280.2 -> 77.2	420	1.44	L	Doxepin-D3	283.2 -> 107	-	185869
Estazolam	295.1 -> 267	3/8/2018 12:49 PM	6.137		1.77	<u>「</u>	295.1 -> 205			L	Estazolam-D5	300.1 -> 272	6.013	577551
Flunitrazepam	314.1 -> 268	3/8/2018 12:49 PM	6.072	2772	13.45	E	314.1 -> 239			匚	Flunitrazepam-D7	321.1 -> 245	6.030	51199
Flurazepam	388.2 -> 315	3/8/2018 12:49 PM	5.965	95	0.88	E	388.2 -> 317			L	Zopiclone-D4	393.1 -> 244	5.904	160135
Imipramine	281.2 -> 86.2	3/8/2018 12:49 PM	6.139	5569	52.10	<u> </u> 2	281.2 -> 58.3	692	27.54	L	Imipramine-D3	284.2 -> 61.3	6.098	14788.
Levamisole	205.1 -> 91.2	3/8/2018 12:49 PM	4.786	93	0.43	7	205.1 -> 178	340	0.45	L	Cocaine-D3	307.2 -> 185	5.360	871410
Maprotiline	278.2 -> 91.2	3/8/2018 12:49 PM	5.529	364	0.28	7	278.2 -> 117			L	Meperidine-D4	252.2 -> 224	_	183798
MDA	180.1 -> 163	3/8/2018 12:49 PM	4.767	93	0.42	L	180.1 -> 105	126	114.80	L	MDA-D5	185.1 -> 168	4.767	160506
MDEA	208.1 -> 163	3/8/2018 12:49 PM	5.110	253	98.0	7	208.1 -> 105	32	0.17	L	MDEA-D6	214.2 -> 166	5.028	660455
MDMA	194.1 -> 163	-	4.908		0.57	Ē	194.1 -> 105	73	0.68	L	MDMA-D6	200.2 -> 166	4.867	36702
Meperidine	248.2 -> 220	_	5.676		4.07	7	248.2 -> 174	305	2.25	二	Meperidine-D4	252.2 -> 224	5.370	183798
Methylphenidate	234.2 -> 84.2	$\overline{}$	5.208	(,,	2.22	7	234.2 -> 56.3			L	Meperidine-D4	252.2 -> 224	5.370	183798
Metoprolol	268.2 -> 116	$\overline{}$	5.202		0.63	$\lceil \rceil$	268.2 -> 56.3	175	7.60	L	Meperidine-D4	252.2 -> 224	5.370	183798
Midazolam	326.1 -> 223		6.152		0.51		326.1 -> 249			L	Midazolam-D4	330.1 -> 295	6.232	674121
Mirtazapine	266.2 -> 195		5.755	193	0.80		266.2 -> 72.3	97	0.33		Midazolam-D4	330.1 -> 295	6.232	674121
Mitragynine	399.2 -> 174	3/8/2018 12:49 PM				<u>ء</u>	399.2 -> 238	Ī		Ī	Carbamazepine-13C6	243.1 -> 200	5.779	15908
Normeperidine	234.1 -> 42.3	3/8/2018 12:49 PM	5.637		0.91	7	234.1 -> 160			匸	Normeperidine-D4	238.2 -> 164	5.351	598409
Norpropoxyphene	326.2 -> 44.3	3/8/2018 12:49 PM	5.887		0.47	<u>د</u> ا	326.2 -> 252			L	Norpropoxyphene-D5	331.2 -> 44.3	5.927	150896
Nortriptyline	264.2 -> 91.2	3/8/2018 12:49 PM	6.123	2124	1.26	7	264.2 -> 233	253	1.28		Nortriptyline-D3	267.2 -> 233	6.101	605103
Ondansetron	294.2 -> 184	_	5.790		0.57	7	294.2 -> 212			L	Pentazocine-13C3	289.2 -> 72.3	5.423	871095
Pentazocine	286.2 -> 218		5 200		0.36	7	286.2 -> 41.3	232	0.81	L	Pentazocine-13C3	289.2 -> 72.3	5.423	871095
Phenazepam	349.0 -> 206		6.088	03	14.37	<u>د</u>	349.0 -> 183	382	2.24	L	Phenazepam-D4	353.0 -> 183	6.108	6911
Phencyclidine	244.2 -> 86.2		5.534		1,41	7	244.2 -> 91.1				Phencydlidine-D5	249.2 -> 86.2	5.655	711525
Phenytoin	253.1 -> 104	\rightarrow	5.757		0.51	7	253.1 -> 182	49	1.71		Phenytoin-D10	263.2 -> 192	5.675	12699
Prazepam	325.1 -> 271	-	6.618	137	0.70	 	325.1 -> 140			L	Prazepam-D5	330.1 -> 276	6.555	23081
Primidone	219.1 -> 91.2	3/8/2018 12:49 PM	5.251	905	0.67	7	219.1 -> 162				Prazepam-D5	330.1 -> 276	6.555	23081
Propoxyphene	340.2 -> 58.3	3/8/2018 12:49 PM	6.150	631	1.98	3	340.2 -> 266	481	1.69	L	Propoxyphene-D11	351.3 -> 277	5.946	106636
Protriptyline	264.2 -> 155	3/8/2018 12:49 PM				7	264.2 -> 161			L	Nortriptyline-D3	267.2 -> 233	6.101	605103
Pseudoephedrine	166.1 -> 148	3/8/2018 12:49 PM	4.425	1054	0.36	Ē	166.1 -> 133	142	0.54	L	Pseudoephedrine-D3	169.1 -> 151	4.404	12200
Tapentadol	222.2 -> 107	3/8/2018 12:49 PM	5.189		0.37	$\lceil \rceil$	222.2 -> 121				Tapentadol-D3	225.2 -> 107	5.209	80038
Trimipramine	295.2 -> 100	3/8/2018 12:49 PM	6.178	920	1.65	□ 2	295.2 -> 58.3	94	0.38	L	Trimipramine-D3	298.2 -> 103	6.177	25399
Verapamil	455.3 -> 165	3/8/2018 12:49 PM	5.984	1 24	0.38	<u>Г</u>	455.3 -> 150			Ė	Trimipramine-D3	298.2 -> 103	6.177	25399
Zaleplon	306.1 -> 236	3/8/2018 12:49 PM	6.155	320	1.95]	306.1 -> 264	580	0.81	L	Zaleplon-D4	310.2 -> 240	5.869	202543
Zoniclone	389 1 -> 244	389.1 -> 244 3/8/2018 12:49 PM				1	000							

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Compound Memor									adding I results		DOLLAN CLISI	5	200	SIDS NESDIES
Name	Transition	Acq. Date-Time	RT	Resp.	N/S	⊥ IM	Transition	Area	N/S	₹	Name	Transition	R	Resp.
7-aminoflunitrazepam	284.1 -> 135	3/8/2018 1:09 PM	5.547	3245	954.33	284.1	4.1 -> 93.2			Ė	7-aminoflunitrazepam-D7	291,2 -> 138	5.403	732889
alpha-hydroxymidazol	342.1 -> 324	3/8/2018 1:09 PM	6.190	82	0.76	342	342.1 -> 203			L	alpha-hydroxymidazolam	346.1	890.9	266472
Amitriptyline	278.2 -> 91.2	3/8/2018 1:09 PM	6.242	3087	0.97	778	278.2 -> 105	1906	0.81	L	Amitriptyline-D3	281.2	6.139	737634
Amoxapine	314.1 -> 271	3/8/2018 1:09 PM	6.092	823	48.43	314	314.1 -> 193	6288	18.40	L	Amitriptyline-D3	281.2 -> 91.2	6.139	737634
Benzoylecgonine	290.1 -> 168	$\overline{}$	4.997	34	0.49	290	290.1 -> 105			L	Benzoylecgonine-D8	298.2 -> 171	-	9386
Carbamazepine	237.1 -> 193	-	5.901	693	1.72	7 237	237.1 -> 194	870	0.62	L	Carbamazepine-13C6	243.1 -> 200	-	15301
Chlordiazepoxide	300.1 -> 227		6.013	527	1.48	30C	300.1 -> 282			Ĺ	Chlordiazepoxide-D5	305.1 -> 286	_	459062
Clomipramine	315.2 -> 86.2	_	6.356	28	1.16	7 315	315.2 -> 58.3	557	4 44	Ĺ	Clomipramine-D3	318.2 -> 89.2	6.376	15110
Cocaine	304.2 -> 182	3/8/2018 1:09 PM	5.340	1267	0.61	304	304.2 -> 105	175	1.85	L	Cocaine-D3	307.2 -> 185	5.360	816989
Desipramine	267.2 -> 72.3	3/8/2018 1:09 PM	6.101	5912	17.82	_ 267	267.2 -> 44.3	5421	7.20	L	Desipramine-D3	270.2 -> 75.3	6.059	733127
Doxepin	280.2 -> 107	3/8/2018 1:09 PM	6.058	149	1.53	7 280	280.2 -> 77.2	1822	3.14	Ē	Doxepin-D3	283.2 -> 107	5.874	199464
Estazolam	295.1 -> 267	3/8/2018 1:09 PM	6.260	238	2 22	295	295.1 -> 205	891	214.77	L	Estazolam-D5	300.1 -> 272	6.013	553918
Flunitrazepam	314.1 -> 268	3/8/2018 1:09 PM	6.092	2379	3.34	7 314	314.1 -> 239	184	0.88	L	Flunitrazepam-D7	321.1 -> 245	6.051	55868
Flurazepam	388.2 -> 315	3/8/2018 1:09 PM	5.986	97	1.04	388	388.2 -> 317			L	Zopiclone-D4	393.1 -> 244	5.904	100910
Imipramine	281,2 -> 86.2	3/8/2018 1:09 PM	6.139	2928	20.38	_ 281	281.2 -> 58.3	1576	6.62	Ē	Imipramine-D3	284.2 -> 61.3	860.9	14657
Levamisole	205.1 -> 91.2	3/8/2018 1:09 PM	4.786	219	0.35	7 205	205.1 -> 178	105	1.99	Ľ	Cocaine-D3	307.2 -> 185	5.360	816989
Maprotiline	278.2 -> 91.2	-	5.814	820	1.29	7 278	278.2 -> 117			L	Meperidine-D4	252.2 -> 224	5.390	177621
MDA	180.1 -> 163					180	180.1 -> 105				MDA-D5	185.1 -> 168	4.767	147170
MDEA	208.1 -> 163		4.947	163	0.68	208	208.1 -> 105				MDEA-D6	214.2 -> 166	5.028	629342
MDMA	194.1 -> 163		4.928	199	0.38	194	194.1 -> 105	156	1.21		MDMA-D6	200.2 -> 166	4.867	36482
Meperidine	248.2 -> 220	_	5.676	448	3.81	248	248.2 -> 174	09	0.54	L	Meperidine-D4	252.2 -> 224	5.390	177621
Methylphenidate	234.2 -> 84.2		5.290	258	0.58	234	234.2 -> 56.3	123	0.48		Meperidine-D4	252.2 -> 224	5.390	177621
Metoprolol	268.2 -> 116		5.101	21	0.53	268	268.2 -> 56.3	1420	9.16	L	Meperidine-D4	252.2 -> 224	5.390	177621
Midazolam	326.1 -> 223	_				326	326.1 -> 249				Midazolam-D4	330.1 -> 295	6.232	587381
Mirtazapine	266.2 -> 195		5.877	271	1.19	266	266.2 -> 72.3	113	0.45		Midazolam-D4	330.1 -> 295	6.232	587381
Mitragynine	399.2 -> 174		6.288	258	0.70	395	399.2 -> 238			L	Carbamazepine-13C6	243.1 -> 200	5.779	15301
Normeperidine	234.1 -> 42.3	3/8/2018 1:09 PM	5.087	96	2.12	234	234.1 -> 160	162	1.74		Normeperidine-D4	238.2 -> 164	5.351	569101
Norpropoxyphene	326.2 -> 44.3	3/8/2018 1:09 PM	6.070	82	1.02	326	326.2 -> 252			_	Norpropoxyphene-D5	331.2 -> 44.3	5.927	127731
Nortriptyline	264.2 -> 91.2	<u> </u>	6.163	846	1.30	7 264	264.2 -> 233	454	1.95		Nortriptyline-D3	267.2 -> 233	6.101	605810
Ondansetron	294.2 -> 184	_	6.035	106	1.19	294	294.2 -> 212				Pentazocine-13C3	289.2 -> 72.3	5.423	868175
Pentazocine	286.2 -> 218	-	5.731	120	1 46	286	286.2 -> 41.3	143	09 0	_	Pentazocine-13C3	289.2 -> 72.3	5.423	868175
Phenazepam	349.0 -> 206		6.108	78	08.0	345	349.0 -> 183	62	1.55	L	Phenazepam-D4	353.0 -> 183	6.108	8278
Phencyclidine	244.2 -> 86.2		5.758	42	06.0	244	244.2 -> 91.1	634	2.93		Phencydlidine-D5	249.2 -> 86.2	5.655	741810
Phenytoin	253.1 -> 104	_	5.675	125	98.62	7 253	253.1 -> 182				Phenytoin-D10	263.2 -> 192	5.675	11477
Prazepam	325.1 -> 271	3/8/2018 1:09 PM	6.497	55	190	7 325	325.1 -> 140			L	Prazepam-D5	330.1 -> 276	6.555	22365
Primidone	219.1 -> 91.2	3/8/2018 1:09 PM			_	7 219	219.1 -> 162			Ē	Prazepam-D5	330.1 -> 276	6.555	22365
Propoxyphene	340.2 -> 58.3	3/8/2018 1:09 PM	5.622	346	J 26.0	340	340.2 -> 266			L	Propoxyphene-D11	351.3 -> 277	5.966	112652
Protriptyline	264.2 -> 155				_	_ 264	264.2 -> 161				Nortriptyline-D3	267.2 -> 233	6.101	605810
Pseudoephedrine	166.1 -> 148		4.647	200	0.40	166	166.1 -> 133	477	0.82	Ē	Pseudoephedrine-D3	169.1 -> 151	4.404	12438
Tapentadol	222.2 -> 107	$\overline{}$	5.189	43	0.52	_ 222	222.2 -> 121	128	0.68		Tapentadol-D3	225.2 -> 107	5.209	759075
Trimipramine	295.2 -> 100	-	6.198	185	0.61	7 295	295.2 -> 58.3	41	0.39	L	Trimipramine-D3	298.2 -> 103	6.177	26109
Verapamil	455.3 -> 165		6.389	111	2.84	455	455.3 -> 150			Ĺ	Trimipramine-D3	298.2 -> 103	6.177	26109
Zaleplon	306.1 -> 236	3/8/2018 1:09 PM	5.930	240	1.37	306	306.1 -> 264	330	1.72	L	Zaleplon-D4	310.2 -> 240	5.869	192797
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