1/3/2019

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Worklist: 2855	nerowy awas		(DEVIEWED	1/3/2019	
LAB CASE	ITEM	TASK ID	DESCRIPTION	REVIEWED By Sarah Pickle at 8:14 am,	an 07, 2019	
M2018-5240	1	135310	AM 25 Blood Multi-Drug	g Screen by LC-QQQ		
M2018-5240	2	135307	AM 25 Blood Multi-Drug	g Screen by LC-QQQ		
M2018-5240	3	135306	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
M2018-5597	3	134340	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
M2018-6077	3	134331	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
M2018-6100	3	134362	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
M2018-6182	2	135177	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
M2018-6203	2	135128	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
M2018-6243	2	135119	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3281	2	133786	AM 25 Blood Multi-Drug	Screen by LC-QQQ	TI I AN I Tanàn a ao amin'ny faritr'i Amerika	
P2018-3284	1	132512	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3295	Ĭ	132531	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3296	1	132536	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3310	1	132792	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3341	1	132955	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3442	1	133813	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3444	1	133836	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3490	1	134334	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3491	1	134337	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3492	1	134358	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3498	1	134403	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3531	3	134774	AM 25 Blood Multi-Drug	Screen by LC-QQQ		
P2018-3566	1	135104	AM 25 Blood Multi-Drug	Screen by LC-QQQ		

Worklist: 2855

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LAB CASEITEMTASK IDDESCRIPTIONP2018-35701135122AM 25 Blood Multi-Drug Screen by LC-QQQP2018-35841135288AM 25 Blood Multi-Drug Screen by LC-QQQ





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

Extraction Date: 12/26/18 Analyst: Tamara Salazar Plate lot#: 0543908 Plate Expiration: 11/28/19

Mobile phase A: 10mM Amm Form Mobile phase B: 0.1% Formic Acid in MeOH 0.5M Ammonium Hydroxide Ethyl Acetate LC Methanol

Blank Blood Lot: 445283-1 **Column:** Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

LCMS-QQQ ID: 59740

Pre-Analytic:

- ☑ 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.

Analytic:

- Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- Σ 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
- Σ 4. Pipette 250μL 00.5M ammonium hydroxide in wells of analytical plate.
- ∑ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ✓ 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). (Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- ⊠ 8. Wait 5 minutes.
- ∅ 9. Add 900uL ethyl acetate.
- \boxtimes 10. Wait 5 minutes.
- ☑ 11. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- □ 12. Add 900uL ethyl acetate.
- \boxtimes 13. Wait 5 minutes.
- ☑ 14. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- SPE Dry ID: 067103
- Δ 16. Reconstitute in 100 μL 100% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

☑ 1. Open quantitation software and create a new quantitation batch.

Batch Name: P1 MDS TS 122618

P2 MDS TS 122618

Worklist path: C:\MassHunter\Data\2018\MD Screen\122618 MDS wklst 2855 TS

- Make necessary changes to integration limits
- Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak \boxtimes 3. symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. > 1/3 the response of administrative control.
- Did all QCs pass for each analyte? Y/N
- Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:



Idaho State Police Forensic Services

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

Analyst: Tamara Salazar Extraction Date: 12/26/18 Worklist Number: 2855

Reagent	Lot Number	Expiration Date	Date in Service	Date Out of Service	Initials
ToxBox Benzo/Opiate Screening Plate	0543908	11/28/19	12/05/18		
Negative Blood	445283-1		10/25/18		
Methanol External Control Solution	042618	04/26/19	04/26/18		
Blood External Control Solution	WS122618	04/26/19	12/26/18		
0.5M Ammonium Hydroxide	082818	02/28/19	08/28/19		
Formic Acid (LCMS Grade)	095180B		11/15/17		
Water (LCMS Grade)	183905		12/14/18		
Methanol (LCMS Grade)	177145		04/11/18		
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)	121418		12/14/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	111318		11/13/18		
Needle Rinse75% LCMS MeOH in LCMS Water	122618		12/26/18		

Methanol External Control Solution (Lot: 042618)

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)	Fisher	177145		
Oxycodone	Cerilliant	FE01181701	March 2022	
Diazepam	Cerilliant	FE05201602	June 2021	
Metoprolol	Cerilliant	FN06091510	July 2020	
Meperidine	Cerilliant	FE01271602	June 2021	
Prepared:	04/26/18			
Prepared By:	Tamara Salazar			
Expires:	04/26/19			

Blood External Control Solution (Lot: WS122618)
100 ul of methanol external control solution was added to 9900 ul of blood.

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

0.5M Ammonium Hydroxide (Lot: 082818)

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

10mM Ammonium Formate in LCMS Water (Mobile Phase A) (Lot: 121418)

Component	Source	Source Lot Number	
Ammonium Formate	Arcos Organics	A0287238	
LCMS Water	Fisher	183905	
Prepared:	12/14/18		
Prepared By:	Tamara Salazar		

0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 111318)

Component	Source	Source Lot Number	
Formic Acid	Fisher	095180B	
MeOH (LCMS Grade)	Fisher	177145	
Prepared:	11/13/18		
Prepared By:	Tamara Salazar		

Needle Rinse (75% LCMS MeOH in LCMS Water) (Lot 122618)

Component	Source	Source Lot Number		
MeOH (LCMS Grade)	Fisher	177145		
Water (LCMS Grade)	Fisher	183905		
Prepared:	12/26/18			
Prepared By:	Tamara Salazar			

S/N MI Transition
P1 cal 1a Results Qualifier 1 M. Qualifier 1 M.
Qualifier 1 M. Qual 1.02 328.2 -> 211 7; 7.02 286.1 -> 222 110; 1.72 290.1 -> 105 152; 3.58 325.1 -> 215 79; 5.40 232.2 -> 77.1 1028; 4.65 309.1 -> 205 944; 3.19 136.1 -> 119 762; inity 304.2 -> 105 529; inity 240.1 -> 131 2102; 4.94 261.2 -> 55.3 830; 5.46 325.2 -> 262 607; 5.52 316.1 -> 213 58; 6.19 300.2 -> 165 317; 4.58 276.2 -> 231 299;
Qualifier 1 M Qualifier 1 M Qualifier 1 M Qualifier 1 M Transition Area 328.2 -> 211 77 286.1 -> 222 1101 290.1 -> 105 1520 325.1 -> 215 79 232.2 -> 77.1 1028 309.1 -> 205 944 136.1 -> 119 762 304.2 -> 105 529 240.1 -> 131 2102 261.2 -> 255.3 830 256.1 -> 213 58 300.2 -> 165 317 270.2 -> 147 1810 272.2 -> 147 1810 258.2 -> 133 1067
Area Area 1101 11028 1028 1028 1028 1028 1028 102
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MI Name 6-MAM-D6 7-Aminoclonazepam-D4 Benzoylecgonine-D8 a-hydroxyalprazolam-D5 alpha-PVP-d8 Alprazolam-D5 Amphetamine-D11 Cocaine-D3 Bupropion-D9 Carisoprodol-D7 Citalopram-D6 Clonazepam-D4 Codeine-D6 Cyclobenzaprine-D3 Dextromethorphan-D3
Name 6-MAM-D6 7-Aminoclonazepam-D4 Benzoylecgonine-D8 a-hydroxyalprazolam-D5 alpha-PVP-d8 Alprazolam-D5 Amphetamine-D11 Cocaine-D3 Bupropion-D9 Carisoprodol-D7 Citalopram-D6 Clonazepam-D4 Codeine-D6 Cocoline-D6 Cocoline-D6 Cocoline-D6 Cocoline-D6 Cocoline-D6 Cocoline-D6 Cocoline-D6 Cocoline-D6 Cocoline-D6
Name 6-MAM-D6 7-Aminoclonazepam-D4 Benzoylecgonine-D8 a-hydroxyalprazolam-D5 alpha-PVP-d8 Alprazolam-D5 Amphetamine-D11 Cocaine-D3 Bupropion-D9 Carisoprodol-D7 Citalopram-D6 Clonazepam-D4 Codeine-D6 Clonazepam-D4 Codeine-D6 Cyclobenzaprine-D3 Dextromethorphan-D3 Dextromethorphan-D3

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Mitragynine	Zolpidem	Venlafaxine	Name	Compound Method
399.2 -> 174	308.2 -> 235	278.2 -> 58.3	Transition	Method
399.2 -> 174 12/26/2018 1:02 PM 6.275 206758 30369.85 399.2 -> 238	308.2 -> 235 12/26/2018 1:02 PM 6.324	278.2 -> 58.3 12/26/2018 1:02 PM 5.758 785142	Acq. Date-TimeRT Resp.	p1 cal 1a
6.275	6.324	5.758	-RT	
206758	799811	785142	Resp.	p1 cal 1a Results
30369.85	892.87	92.25	S/N	Results
7	٦	٦	≦	
399.2 -> 238	308.2 -> 263 216293	278.2 -> 260	MI Transition	Qualifier 1 M_ Qualifier
30902	216293	16678	Area	Qualifier
4144	Infinity	57.29	S/N M	r 1 Results
Cuetiapine-D8	Zolpidem-D6	Venlafaxine-D6	II Name	ISTD Method
392.2 -> 226	314.2 -> 235	284.2 -> 64.3 5.757	Transition	hod
6.519	6.302	5.757	끅	ISTD
		11505	RT Resp.	ISTD Results

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Tamadol	Tennadal	Temazepam	Sertraline	Quetiapine	Promethazine	Phentermine	Oxymorphone	Oxycodone	Oxazepam	O-desmethyl-tramad	Noroxycodone	Norhydrocodone	Norfentanyl	Nordiazepam	Norbuprenorphine	Morphine	Methamphetamine	Methadone	Meprobamate	Mirtazapine	Metoprolol	Ketamine	Hydromorphone	Hydrocodone	Phane	EDDP	Doxylamine	Diphenhydramine	Dihydrocodeine	Diazepam	Dextrorphan	Dextromethorphan	Cyclobenzaprine	Codeine	Clonazenam	Carlsoprodoi	Bupropion	Cocaine	Amphetamine	Alprazolam	alpha-PVP	a-hydroxyalprazolam	Renzovlecapnine	6-MAM	Name	Compound Menior
254.2 -> 58.3	204.2 . 502	301.1 -> 255	۷l	384.2 -> 253	285.1 -> 86.2	150.1 -> 65.2	302.1 -> 284	316.2 -> 298	287.1 -> 240	. 250.2 -> 58.3	302.1 -> 284	286.2 -> 199	V	271.1 -> 140	414.3 -> 101	286.2 -> 201	150.1 -> 91.1	310.2 -> 265		٧.	268.2 -> 116	238.1 -> 125	286.2 -> 184	300 2 -> 198	33/.2 -> 105	/ V	↓	V	302.2 -> 198	285.1 -> 193	258.2 -> 157		۱ ۷		316 1 -> 260	205.2 > 100	240.1 -> 184	304.2 -> 182	136.1 -> 91.1	309.1 -> 281	232.2 -> 91.0	325.1 -> 297	290.1 -> 168	328.2 -> 165	Transition	on or
12/26/2018 1:56 PM	12/20/2010 1:00 M	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 DM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	12/26/2018 1:56 PM	Acq. Date-Time	proximal condo								
								5.138													5.412							6.353		6.674															괵	1
								24294													649181							44846		10848															Resp.	
								163.33													545.91							0.95		179.35															S/N	
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264.2 -> 43.3	301.1 -/ 203	301 1 -> 283	306.1 -> 275	384.2 -> 221	285.1 -> 71.3	150.1 -> 133	302.1 -> 227	316.2 -> 241	287.1 -> 268	250.2 -> 42.3	302.1 -> 186	286.2 -> 171	233.2 -> 55.3	271.1 -> 208	414.3 -> 57.3	286.2 -> 165	150.1 -> 119	310.2 -> 105	219.1 -> 97.1	266.2 -> 72.3	268.2 -> 56.3	238 1 -> 220	286 2 -> 157	310.1 -> 148	33/.2 -> 188	279.2 -> 250	271.2 -> 167	256.2 -> 152	302.2 -> 128	V	V	272.2 -> 147	276.2 -> 231	300 2 -> 165	325.2 -> 262	261.2 -> 55.3	240.1 -> 131	304.2 -> 105	136.1 -> 119	309.1 -> 205	232.2 -> 77.1	٠.	290 1 -> 105	, ↓	Transition	
								567793													658007									14823															Area	1
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Tramadol-13C-D3	I emazepam-U5	Chaine De	Sertraline-D3	Quetiapine-D8	Promethazine-D3	Phentermine-D5	Oxymorphone-D3	Oxycodone-D6	Oxazepam-D5	O-desmethyl-tramadol	Noroxycodone-D3	Norhydrocodone-D3	Norfentanyl-D5	Nordiazepam-D5	Norbuprenorphine-D3	Morphine-D6	Methamphetamine-D11	Methadone-D9	Meprobamate-D7	Carisoprodol-D7	Carisonrodol-D7	Ketamine-D4	Hydromorphono De	Fluoxetine-D6	Fentanyl-D5	EDDP-D3	Doxylamine-D5	Diphenhydramine-D3	Dihydrocodeine-D6	Diazepam-D5	Dextrorphan-D3	Dextromethorphan-D3	Cyclohenzanrine-D3	Codeine-D6	Citalopram-D6	Carisoprodol-D7	Bupropion-D9	Cocaine-D3	Amphetamine-D11	Alprazolam-D5	alpha-PVP-d8	a-hvdroxvalprazolam-D5	Penzovicconiazepam-D4	6-MAM-D6	Name	
268.2 -> 58.3	JUb. 1 -> 26U	306 1 3 260	309 1 -> 275	392.2 -> 226	288.2 -> 89.2	155.2 -> 96.2	305.2 -> 287	322.2 -> 304	292.1 -> 246	256.2 -> 64.3	305.2 -> 287	289.2 -> 202	238.2 -> 84.2	276.1 -> 140	417.3 -> 101	292.2 -> 152	161.2 -> 97.1	319.3 -> 268	226.2 -> 165	268.2 -> 183	268 2 -> 183	242 1 -> 129	202.2 > 105	316.2 -> 44.3	342.3 -> 105	282.2 -> 235	276.2 -> 187	259.2 -> 167	308.2 -> 202	290.1 -> 198	261.2 -> 157	275.2 -> 171	270 2 -> 216	306 2 -> 217	331.2 -> 109	268.2 -> 183	249.2 -> 185	307.2 -> 185	147.2 -> 130	314.1 -> 286	240.2 -> 91.1	330 1 -> 302	290.1 -> 121	334.2 -> 165	Transition	
5.432	5.45/	0.007	6.507	6.540	6.368	5.093	4.390	5.077	6.326	4.887			5.294	6.513	5.848	4.416	4.931	6.281	5.520	6.045	6005	7 267 7 267	-1		_	-	-	-	-	-	_	-	S 220	_	-	6.045	-	-	4.770	-	-	-	5.449	-	RT	
33024	Т																				135103						325799						015020						101253			147398			Resp.	

	200 2 > 220	101 0.85	0.85 Ouetianine Da
2/8.2 -> 58.3 12/26/2018 1:56 PM	278.2 -> 260		Venlafaxine-D6
RI Resp.	S/N M Transition	Area S/N MI	100

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Compound Method	ethod Transition	p1 negative Acq. Date-Time	믹	p1 negative Results Resp. S/N	S/N		Qualifier 1 M Transition	Area S/N MI	ISTD Method	1 2	hod Transition
6-MAM	328.2 -> 165	12/26/2018 1:37 PM				7	328.2 -> 211		6-MAM-D6	ij	334.2 -> 165
7-aminoclonazepam	286.1 -> 121	12/26/2018 1:37 PM				F	286.1 -> 222		7-Aminoclonazepam-D4	m-D4	290.1 ->
Benzoylecgonine	290.1 -> 168	12/26/2018 1:37 PM				7	290.1 -> 105		Benzoylecgonine-D8	-D8	298.2 ->
a-hydroxyalprazolam	325.1 -> 297	12/26/2018 1:37 PM				٦	V		a-hydroxyalprazolam-D5	am-D5	-
alpha-PVP	232.2 -> 91.0	12/26/2018 1:37 PM				F	V		alpha-PVP-d8		-
Alprazolam	309.1 -> 281	12/26/2018 1:37 PM				7	V		Alprazolam-D5		314.1 -> 286
Amphetamine	136.1 -> 91.1	12/26/2018 1:37 PM				F	136.1 -> 119		Amphetamine-D11		
Cocaine	304.2 -> 182	12/26/2018 1:37 PM				F	304.2 -> 105		Cocaine-D3		
Bupropion	240.1 -> 184	12/26/2018 1:37 PM				Ħ	240.1 -> 131		Bupropion-D9		249.2 -> 185
Carisoprodol	261.2 -> 176	12/26/2018 1:37 PM				=	261.2 -> 55.3		Carisoprodol-D7	7	268.2 ->
Citalopram	325.2 -> 109	12/26/2018 1:37 PM					325.2 -> 262		Citalopram-D6		331.2 -> 109
Clonazepam	316.1 -> 269	12/26/2018 1:37 PM				ī	\u00e4		Clonazepam-D4		320.1 -> 217
Codeine	300.2 -> 215	12/26/2018 1:37 PM				7		_	Codeine-D6		
Cyclobenzaprine	276.2 -> 214	12/26/2018 1:37 PM	Ī			-7	276.2 -> 231		Cyclobenzaprine-D3	ē-D3	
Dextromethorphan	272.2 -> 171	12/26/2018 1:37 PM				٦	272.2 -> 147		Dextromethorphan-D3	han-D3	
Dextrorphan	258.2 -> 157	12/26/2018 1:37 PM	100			20.00	258.2 -> 133		Dextrorphan-D3	ω	
Diazepam	V.	12/26/2018 1:37 PM	80				285.1 -> 153		Diazepam-D5		
Dihydrocodeine	302.2 -> 198	12/26/2018 1:37 PM			1	-	302.2 -> 128		Dihydrocodeine-D6	-D6	
Diphenhydramine	↓	12/26/2018 1:37 PM					V		Diphenhydramine-D3	ne-D3	
Doxylamine	271.2 -> 182	12/26/2018 1:37 PM					V		Doxylamine-D5		
EDDP	279.2 -> 235	12/26/2018 1:37 PM					279.2 -> 250	7	EDDP-D3		282.2 -> 235
Fentanyl	337.2 -> 105	12/26/2018 1:37 PM	7			ī	337.2 -> 188		Fentanyl-D5		342.3 -> 105
Fluoxetine	310.1 -> 44.3	12/26/2018 1:37 PM				h	310.1 -> 148		Fluoxetine-D6		316.2 -> 44.3
Hydrocodone	300.2 -> 198	12/26/2018 1:37 PM	_			7	300.2 -> 128		Hydrocodone-D6	6	
Hydromorphone	286.2 -> 184	12/26/2018 1:37 PM				ī	v		Hydromorphone-D6	-D6	
Ketamine	238.1 -> 125	12/26/2018 1:37 PM		4		7	V		Ketamine-D4		242.1 ->
Metoprolol	268.2 -> 116	12/26/2018 1:37 PM					268.2 -> 56.3		Carisoprodol-D7	7	
Mirtazapine	266.2 -> 195	12/26/2018 1:37 PM				7	266.2 -> 72.3	_	Carisoprodol-D7	7	
Meprobamate	219.1 -> 158	12/26/2018 1:37 PM					219.1 -> 97.1		Meprobamate-D7	07	
Methadone	310.2 -> 265	12/26/2018 1:37 PM				-1	310.2 -> 105		Methadone-D9		
Methamphetamine	150.1 -> 91.1	12/26/2018 1:37 PM				-1	150.1 -> 119		Methamphetamine-D11	ine-D11	
Morphine	286.2 -> 201	12/26/2018 1:37 PM				٦	286.2 -> 165		Morphine-D6		292.2 -> 152
Norbuprenorphine	414.3 -> 101	12/26/2018 1:37 PM				7	414.3 -> 57.3		Norbuprenorphine-D3	ne-D3	ne-D3 417.3 -> 101
Nordiazepam	271.1 -> 140	12/26/2018 1:37 PM					271.1 -> 208		Nordiazepam-D5	5	
Norfentanyl	233.2 -> 84.2	12/26/2018 1:37 PM				\exists	233.2 -> 55.3		Norfentanyl-D5		
Norhydrocodone	286.2 -> 199	12/26/2018 1:37 PM				ī	286.2 -> 171		Norhydrocodone-D3	e-D3	e-D3 289.2 -> 202
Noroxycodone	302.1 -> 284	12/26/2018 1:37 PM				ī	302.1 -> 186		Noroxycodone-D3	D3	
O-desmethyl-tramad	. 250.2 -> 58.3	12/26/2018 1:37 PM				F	250.2 -> 42.3		O-desmethyl-tramadol	amadol	amadol 256.2 -> 64.3
Oxazepam	287.1 -> 240	12/26/2018 1:37 PM				ī	287.1 -> 268		Oxazepam-D5		292.1 -> 246
Oxycodone	316.2 -> 298	12/26/2018 1:37 PM				٦	316.2 -> 241		Oxycodone-D6		322.2 -> 304
Oxymorphone	302.1 -> 284	12/26/2018 1:37 PM				٦	302.1 -> 227		Oxymorphone-D3	۵	
Phentermine	150.1 -> 65.2	12/26/2018 1:37 PM				=	150.1 -> 133		Phentermine-D5		
Promethazine	285.1 -> 86.2	12/26/2018 1:37 PM				٦	285.1 -> 71.3		Promethazine-D3	ω	
Quetiapine	384.2 -> 253	12/26/2018 1:37 PM				٦	384.2 -> 221		Quetiapine-D8		
Sertraline	306.1 -> 158	12/26/2018 1:37 PM				7	306.1 -> 275		Sertraline-D3		309.1 -> 275
Temazepam	301.1 -> 255	12/26/2018 1:37 PM				٦	301.1 -> 283		Temazepam-D5		306.1 -> 260
Tramadol	264.2 -> 58.3	12/26/2018 1:37 PM				٦	264.2 -> 43.3		Tramadol-13C-D3)3	
Trazodone	372.2 -> 176	12/26/2018 1:37 PM				٦	372.2 -> 148		Trazodone-D6		

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Compound Method	Name	Venlafaxine	Zolpidem	Mitragynine
ethod	Transition	278.2 -> 58.3	308.2 -> 235	399.2 -> 174
p1 negative	Acq. Date-Time	278.2 -> 58.3 12/26/2018 1:37 PM	308.2 -> 235 12/26/2018 1:37 PM	399.2 -> 174 12/26/2018 1:37 PM
	꾸			6.316
p1 negative Results	RT Resp.			600
e Results				4.58
	≤			٦
Qualifier 1 M Qualifier 1 R	S/N MI Transition Area	278.2 -> 260	308.2 -> 263	4.58 399.2 -> 238
Qual	Area			
ifier 1	S/N MI			
77	≦	٦	٦	٦
ISTD Method	Name	Venlafaxine-D6	Zolpidem-D6	Quetiapine-D8
hod	Transition	284.2 -> 64.3 5.757	314.2 -> 235	392.2 -> 226
ISTE	RT	5.757	6.322	6.540
ISTD Result	Resp	10638.		731576

Negative control was reinjected due to morphine internal standard peak shifting outside of the acceptable range.



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Trazodone	Tramadol	Temazepam	Sertraline	Quetiapine	Promethazine	Phentermine	Oxymorphone	Oxycodone	Oxazepam	O-desmethyl-tramadol	Noroxycodone	Norhydrocodone	Norfentanyl	Nordiazepam	Norbuprenorphine	Morphine	Methamphetamine	Methadone	Meprobamate	Mirtazapine	Metoproloi	Ketamine	Hydromorphone	Hydrocodone	Fluoxetine	Fentanyl	EDDP	Doxylamine	Diphenhydramine	Dihydrocodeine	Diazepam	Dextrorphan	Dextromethorphan	Codeine	Clonazepam	Citalopram	Carisoprodol	Bupropion	Cocaine	Amphetamine	Alprazolam	alpha-PVP	a-hydroxyalprazolam	Benzoylecgonine	7-aminoclonazepam	6-MAM	Name	Compound Method
372.2 -> 176	2642->583	301.1 -> 255	306.1 -> 158	384.2 -> 253	285.1 -> 86.2	150.1 -> 65.2	302.1 -> 284	316.2 -> 298	287.1 -> 240	250.2 -> 58.3	302.1 -> 284	286.2 -> 199	233.2 -> 84.2	271.1 -> 140	414.3 -> 101	286.2 -> 201	150.1 -> 91.1	310.2 -> 265	219.1 -> 158	266.2 -> 195	268.2 -> 116	238.1 -> 125	286.2 -> 184	300.2 -> 198	310.1 -> 44.3	337.2 -> 105	279.2 -> 235	V ∣	V	302.2 -> 198	285.1 -> 193	258.2 -> 157	272.2 -> 171	300.2 -> 215	316.1 -> 269	325.2 -> 109	261.2 -> 176	240.1 -> 184	304.2 -> 182	136.1 -> 91.1	309.1 -> 281	232.2 -> 91.0	325.1 -> 297	290.1 -> 168	286.1 -> 121	328.2 -> 165	Transition	Method
12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM		12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	12/27/2018 8:32 AM	-	-	12/27/2018 8:32 AM	Acq. Date-Time	p1 negative_reinject										
																																					6.067										RT	현
																																					1586										Resp.	negative_r
																																					301.35										S/N	p1 negative_reinject Results
7	7	7	ī	ī	ī	7	٦	╕	ī	7	٦	7	7	٦	F	٦	٦		П	ī	٦		ī	7	٦		٦	7	7	╗	7	٦	7	1		٦	5	╕	7	\exists	٦	٦	٦	7		7	≦	ılts
372.2 -> 148	264.2 × 42.2	301.1 -> 283	306.1 -> 275	384.2 -> 221	285.1 -> 71.3	150.1 -> 133	302.1 -> 227	316.2 -> 241	287.1 -> 268	250.2 -> 42.3	302.1 -> 186	286.2 -> 171	233.2 -> 55.3	271.1 -> 208	414.3 -> 57.3	286.2 -> 165	150.1 -> 119	310.2 -> 105	219.1 -> 97.1	266.2 -> 72.3	268.2 -> 56.3	238.1 -> 220	286.2 -> 157	300.2 -> 128	310.1 -> 148	337.2 -> 188	279.2 -> 250	271.2 -> 167	256.2 -> 152	302.2 -> 128	285.1 -> 153	258.2 -> 133	272.2 -> 147	300.2 -> 165	316.1 -> 213	325.2 -> 262	261.2 -> 55.3	240.1 -> 131	304.2 -> 105	136.1 -> 119	309.1 -> 205	232.2 -> 77.1	325.1 -> 215	290.1 -> 105	286.1 -> 222	328.2 -> 211_	Transition	Qualifier 1 M
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																			F									1	1	7	1	1					0.61		Ħ								a S/N	Qualifier 1 Re
7	1		7	Ę	٦	٦	7	٦	Ī	F	ī	٦	7	ī	ī	ī	٦	ī	F	٦	7	ī	=	Ŧ	7	=	=	7	7	7		7	7		7	ī		₹	Ę	7	ŋ	٦	٦	7	7	7	ĭ	Re
Trazodone-D6	Translat 120 D2	Temazenam-05	Sertraline-D3	Quetiapine-D8	Promethazine-D3	Phentermine-D5	Oxymorphone-D3	Oxycodone-D6	Oxazepam-D5	O-desmethyl-tramadol	Noroxycodone-D3	Norhydrocodone-D3	Norfentanyl-D5	Nordiazepam-D5	Norbuprenorphine-D3	Morphine-D6	Methamphetamine-D11	Methadone-D9	Meprobamate-D7	Carisoprodol-D7	Carisoprodol-D7	Ketamine-D4	Hydromorphone-D6	Hydrocodone-D6	Fluoxetine-D6	Fentanyl-D5	EDDP-D3	Doxylamine-D5	Diphenhydramine-D3	Dihydrocodeine-D6	Diazepam-D5	Dextrorphan-D3	Cyclobenzaprine-D3 Dextromethorphan-D3	Codeine-D6	Clonazepam-D4	Citalopram-D6	Carisoprodol-D7	Bupropion-D9	Cocaine-D3	Amphetamine-D11	Alprazolam-D5	alpha-PVP-d8	a-hydroxyalprazolam-D5	Benzoylecgonine-D8	7-Aminoclonazepam-D4	6-MAM-D6	Name	ISTD Method
378.2 -> 182	200.1 -/ 200	306 1 -> 260	309.1 -> 275	392.2 -> 226	288.2 -> 89.2	155.2 -> 96.2	305.2 -> 287	322.2 -> 304	292.1 -> 246	256.2 -> 64.3	305.2 -> 287	289.2 -> 202	238.2 -> 84.2	276.1 -> 140	417.3 -> 101	292.2 -> 152	161.2 -> 97.1	319.3 -> 268	226.2 -> 165	268.2 -> 183	268.2 -> 183	242.1 -> 129	292.2 -> 185	306.2 -> 202	316.2 -> 44.3	342.3 -> 105	282.2 -> 235	276.2 -> 187	259.2 -> 167	308.2 -> 202	290.1 -> 198	261.2 -> 157	275.2 -> 275	306.2 -> 218	320.1 -> 217	331.2 -> 109	268.2 -> 183	249.2 -> 185	307.2 -> 185	147.2 -> 130	314.1 -> 286	240.2 -> 91.1	330.1 -> 302	298.2 -> 171	290.1 -> 121	334.2 -> 165	Transition	bc
6 784	0.400	6 488	6.527	6.560	6.409	5.134	4.472	5.158	6.326	4.927	4.937	5.022	5.314	6.513	5.889	4.516	4.971	6.281	5.540	6.066	6.066	5.926	4.778	5.384	6.261	6.278	5.982	5.636	6.006	4.936	6.653	5,455	6.065	-	6.281		6.066	5.926	5.692	4.790	6.425	-	-	-	5.469	5.259	RT	ISTL
25086									131125	11468	416146	146386		155584			0	12520	3319		119624		4										798565		49130											117571	Resp.	ISTD Results

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Compound Method	Nethod	p1 negative_reinject	p1r	egative_re	inject Resul	ङ	p1 negative_reinject Results Qualifier 1 M_	Qualifier 1 Re.	er 1 F	P	ISTD Method	DOC	ISTD	ISTD Results
Name	Transition	Acq. Date-Time	RT	RT Resp.	S/N	≦	MI Transition	Area	S/N MI	≦	Name	Transition	RT Resp.	Resp.
Venlafaxine	278.2 -> 58.3	278.2 -> 58.3 12/27/2018 8:32 AM				٦	278.2 -> 260			٦	Venlafaxine-D6	284.2 -> 64.3 5.778	5.778	84882
Zolpidem	308.2 -> 235	308.2 -> 235 12/27/2018 8:32 AM				٦	308.2 -> 263				Zolpidem-D6	314.2 -> 235	6.322	35418.
Mitragynine	399.2 -> 174	399.2 -> 174 12/27/2018 8:32 AM				٦	399.2 -> 238				Quetiapine-D8	392.2 -> 226	6.560	759905

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		393.1 -> 244	Zopiclone-D4		454.00	47159	389 1 -> 216	26127		6.303	12/26/2018 1:12 PM	389.1 -> 244	Zopiclone
806837		310.2 -> 240	Zalepion-D4	ī	56601	2434	306.1 -> 264	63943	228082	6.168	12/26/2018 1:12 PM	306.1 -> 236	Zaleplon
1283493	5.428	225.2 -> 107	Tapentadol-D3	7	79.23	1444	222.2 -> 121	129.66	332894	5.428	12/26/2018 1:12 PM	222.2 -> 107	Tapentadol
142607	4.584	169.1 -> 151	Pseudoephedrine-D3		355.88	7112	166.1 -> 133	157.56	3470993	4.584	12/26/2018 1:12 PM	166.1 -> 148	Pseudoephedrine
28419	5.973	263.2 -> 192	Phenytoin-D10	_	Infinity	1510	253.1 -> 182	10.56	5591	5.994	12/26/2018 1:12 PM	253.1 -> 104	Phenytoin
1208129	5.851	249.2 -> 86.2	Phencydlidine-D5		93.62	2137	244.2 -> 91.1	46371 <u> </u>	170308	5.852	12/26/2018 1:12 PM	244.2 -> 86.2	Phencyclidine
339694	_	353.0 -> 183	Phenazepam-D4	7	123.62	47002	349.0 -> 183	86.96	74882	6.467	12/26/2018 1:12 PM	349.0 -> 206	Phenazepam
795042	6.357	267.2 -> 233	Nortriptyline-D3	Ħ	59.40	1034	264.2 -> 233	135.57	196619	6.358	12/26/2018 1:12 PM	264.2 -> 91.2	Nortriptyline
	-	238.2 -> 164	Normeperidine-D4	7	150.56	63144	234.1 -> 160	37.11	147627	5.591	12/26/2018 1:12 PM	234.1 -> 42.3	Normeperidine
1223838	6.570	330.1 -> 295	Midazolam-D4	<u></u>	227.33	1047	326.1 -> 249	167.06	79261	6.571	12/26/2018 1:12 PM	326.1 -> 223	Midazolam
825605	5.689	252.2 -> 224	Meperidine-D4	Ì	Infinity	1374	234.2 -> 56.3	Infinity	684879	5.549	12/26/2018 1:12 PM	234.2 -> 84.2	Methylphenidate
825605	5.689	252.2 -> 224	Meperidine-D4	Ħ	50.90	1168	248.2 -> 174	433.79	171343	5.689	12/26/2018 1:12 PM	248.2 -> 220	Meperidine
79476	5.105	200.2 -> 166	MDMA-D6		37.73	1279	194.1 -> 105	135.62	282064	5.126	12/26/2018 1:12 PM	194.1 -> 163	MDMA
999393	5.267	214.2 -> 166	MDEA-D6		Infinity	1314	208.1 -> 105	Infinity	274176	5.267	12/26/2018 1:12 PM	208.1 -> 163	MDEA
445425	4.985	185.1 -> 168	MDA-D5		14.28	57211	180.1 -> 105	56.22	138809	5.006	12/26/2018 1:12 PM	180.1 -> 163	MDA
825605	5.689	252.2 -> 224	Meperidine-D4		3.76	2286	278.2 -> 117	712,24	369543	5.970	12/26/2018 1:12 PM	278.2 -> 91.2	Maprotiline
	5.105	200.2 -> 166	MDMA-D6		35.14	1179	205.1 -> 178	25.62	122475	5.308	12/26/2018 1:12 PM	205.1 -> 91.2	Levamisole
2	6.353	284.2 -> 61.3	Imipramine-D3		51.44	5023	281.2 -> 58.3	Infinity [775379	6.375	12/26/2018 1:12 PM	281.2 -> 86.2	Imipramine
(5)	6.302	393.1 -> 244	Zopiclone-D4	7	318.59	72462	388.2 -> 317	183.34	497648	6.283	12/26/2018 1:12 PM	388.2 -> 315	Flurazepam
82585	6.370	321.1 -> 245	Flunitrazepam-D7	7	86.77	65624	314.1 -> 239	142.95 □	201607	6.390	12/26/2018 1:12 PM	314.1 -> 268	Flunitrazepam
1499407	-	300.1 -> 272_	Estazolam-D5			1122_	295.1 -> 205	15058	230711	6.353	12/26/2018 1:12 PM	295.1 -> 267	Estazolam
677789	6.151	283.2 -> 107	Doxepin-D3	<u>\</u>	Infinity 🔽	77818	280.2 -> 77.2	37611	178584	6.172	12/26/2018 1:12 PM	280.2 -> 107	Doxepin
4150387	6.317	270.2 -> 75.3	Desipramine-D3	3	97.53	3166	267.2 -> 44.3	216.38	712736	6.317	12/26/2018 1:12 PM	267.2 -> 72.3	Desipramine
	_	392.2 -> 238	Sufentanil-D5	ij	_	37523	387.2 -> 111	11978	55241	6.648	12/26/2018 1:12 PM	387.2 -> 238	Sufentanil
		305.1 -> 286	Chlordiazepoxide-D5		21.01	91219	300.1 -> 282	27816	61643	6.555	12/26/2018 1:12 PM	300.1 -> 227	Chlordiazepoxide
ω		243.1 -> 200	Carbamazepine-13C6	7	269.98	5332	237.1 -> 194	185.11	94532	6.079	12/26/2018 1:12 PM	237.1 -> 193	Carbamazepine
	4.836	224.2 -> 84.2	Acetyl Norfentanyl-D5	7	414.76	7480	219.1 -> 56.3	55.78	16924	4.837	12/26/2018 1:12 PM	219.1 -> 84.2	Acetyl Norfentanyl
2744067	6.064	328.2 -> 105	Acetyl Fentanyl-D5	٦	34.03	16426	323.2 -> 188	160.34	43846	6.065	12/26/2018 1:12 PM	323.2 -> 105	Acetyl Fentanyl
1353707	6.395	281.2 -> 91.2	Amitriptyline-D3	Ì	Infinity	1901	278.2 -> 105	Infinity	547968	6.417	12/26/2018 1:12 PM	278.2 -> 91.2	Amitriptyline
948238	6.406	346.1 -> 328	alpha-hydroxymidazola	٦	103.18	65264	342.1 -> 203	406.55	91367	6.407	12/26/2018 1:12 PM	342.1 -> 324	alpha-hydroxymidazol
508472	5.643	291.2 -> 138	7-aminoflunitrazepam-D7		57.51	7549	284.1 -> 93.2	313.26	91998	5.663	12/26/2018 1:12 PM	284.1 -> 135	7-aminoflunitrazepam
Resp.	RT	Transition	Name	≧	S/N	Area	Transition	S/N MI	Resp.	RT	Acq. Date-Time	Transition	Name
IS ID Results	1011		IS I D Method	Silin	names i vesure	Codinic	Cacinici I IAI"	CIIC	he not to treating	T	pr cal 15	0	Composition of the

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Zopiclone	Zaleplon	Tapentadol	Pseudoephedrine	Phenytoin	Phencyclidine	Phenazepam	Nortriptyline	Normeperidine	Midazolam	Methylphenidate	Meperidine	MDMA	MDEA	MDA	Maprotiline	Levamisole	Imipramine	Flurazepam	Flunitrazepam	Estazolam	Doxepin	Desipramine	Sufentanil	Chlordiazepoxide	Carbamazepine	Acetyl Norfentanyl	Acetyl Fentanyl	Amitriptyline	alpha-hydroxymidazola	7-aminoflunitrazepam	Name	Compound Method
389.1 -> 244	306.1 -> 236	222.2 -> 107	166.1 -> 148	253.1 -> 104	244.2 -> 86.2	349.0 -> 206	264.2 -> 91.2	234.1 -> 42.3	326.1 -> 223	234.2 -> 84.2	248.2 -> 220	194.1 -> 163	208.1 -> 163	180.1 -> 163	278.2 -> 91.2	205.1 -> 91.2	281.2 -> 86.2	388.2 -> 315	314.1 -> 268	295.1 -> 267	280.2 -> 107	267.2 -> 72.3	387.2 -> 238	300.1 -> 227	237.1 -> 193	219.1 -> 84.2	323.2 -> 105	278.2 -> 91.2	. 342.1 -> 324	284.1 -> 135	Transition	hod
12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	12/26/2018 2:06 P	Acq. Date-Time	p2 external control
											5.689																				곡	p2 ex
											1655680																				Resp.	p2 external control Results
			1								738																				S/N	of Results
389 1	306.	222.2	- 166.	253.	244.	349.	264.2	234.1	326.	234.	248.	194.	208.	180.	278.2	205.	_ 281.	388.	314.	295.	280.	_ 267.	387.	300.	237.	219.	323.	278.	342.	284.	MI Tr	
1 -> 216	306.1 -> 264	2 -> 121	166.1 -> 133	253.1 -> 182	244.2 -> 91.1	349.0 -> 183	2 -> 233	1 -> 160	326.1 -> 249	234.2 -> 56.3	248.2 -> 174	194.1 -> 105	208.1 -> 105	180.1 -> 105	2 -> 117	205.1 -> 178	281.2 -> 58.3	388.2 -> 317	314.1 -> 239	295.1 -> 205	280.2 -> 77.2	267.2 -> 44.3	387.2 -> 111	300.1 -> 282	237.1 -> 194	219.1 -> 56.3	323.2 -> 188	278.2 -> 105	342.1 -> 203	284.1 -> 93.2	Transition	Qualifier 1 M
											11877																				Area	Qualifie
											. 2672					Ī															S/N	ner i Kesuits
1		ī		7				\exists					٦		=	Ξ		1						٦	7	٦	٦			٦	≧	ults
Zoniclone-D4	Zaleplon-D4	Tapentadol-D3	Pseudoephedrine-D3	Phenytoin-D10	Phencydlidine-D5	Phenazepam-D4	Nortriptyline-D3	Normeperidine-D4	Midazolam-D4	Meperidine-D4	Meperidine-D4	MDMA-D6	MDEA-D6	MDA-D5	Meperidine-D4	MDMA-D6	Imipramine-D3	Zopiclone-D4	Flunitrazepam-D7	Estazolam-D5	Doxepin-D3	Desipramine-D3	Sufentanil-D5	Chlordiazepoxide-D5	Carbamazepine-13C6	Acetyl Norfentanyl-D5	Acetyl Fentanyl-D5	Amitriptyline-D3	alpha-hydroxymidazola	7-aminoflunitrazepam	Name	ISID Method
202 1 \ 244	310.2 -> 240	225.2 -> 107	169.1 -> 151	263.2 -> 192	249.2 -> 86.2	353.0 -> 183	267.2 -> 233	238.2 -> 164	330.1 -> 295_	252.2 -> 224	252.2 -> 224	200.2 -> 166	214.2 -> 166	185.1 -> 168	252.2 -> 224	200.2 -> 166	284.2 -> 61.3	393.1 -> 244	321.1 -> 245	300,1 -> 272	283.2 -> 107	270.2 -> 75.3	392.2 -> 238	305.1 -> 286	243.1 -> 200	224.2 -> 84.2	328.2 -> 105			291.2 -> 138	Transition	DC
-	-	5.428	\rightarrow	5.973	5.851			_	-	-	5.689	-		_	_	-	-			-		-	-	-	-	4.836	6.064	6.415		5.622	꼭	[S]
			150	30128	_				_		747211				747211		N								دع					821133	Resp.	IS ID Results

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Compound Method	Name	7-aminoflunitrazepam	alpha-hydroxymidazol	Amitriptyline	Acetyl Fentanyl	Acetyl Norfentanyl	Carbamazepine	Chlordiazepoxide	Sufentanil	Desipramine	Doxepin	Estazolam	Flunitrazepam	Flurazepam	Imipramine	Levamisole	Maprotiline	MDA	MDEA	MDMA	Meperidine	Methylphenidate	Midazolam	Normeperidine	Nortriptyline	Phenazepam	Phencyclidine	Phenytoin	Pseudoephedrine	Tapentadol	Zaleplon	Zopiclone
noa	Transition	284.1 -> 135	342.1 -> 324	278.2 -> 91.2	323.2 -> 105	219.1 -> 84.2	237.1 -> 193	300.1 -> 227	387.2 -> 238	267.2 -> 72.3	280.2 -> 107	295.1 -> 267	314.1 -> 268	388.2 -> 315	281.2 -> 86.2	205.1 -> 91.2	278.2 -> 91.2	180.1 -> 163	208.1 -> 163	194.1 -> 163	248.2 -> 220	234.2 -> 84.2	326.1 -> 223	234.1 -> 42.3	264.2 -> 91.2	349.0 -> 206	244.2 -> 86.2	253.1 -> 104	166.1 -> 148	222.2 -> 107	306.1 -> 236	389.1 -> 244
pz negative	Acq. Date-Time	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 PM	12/26/2018 1:46 DM
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Qualifier 1 M	Transition	284.1 -> 93.2	342.1 -> 203.	278.2 -> 105	323.2 -> 188	219.1 -> 56.3	237.1 -> 194	300.1 -> 282	387.2 -> 111	267.2 -> 44.3	280.2 -> 77.2	295.1 -> 205.	314.1 -> 239	388.2 -> 317	281.2 -> 58.3	205.1 -> 178.	278.2 -> 117	180.1 -> 105	208.1 -> 105.	194.1 -> 105	248.2 -> 174	234.2 -> 56.3	326.1 -> 249.	234.1 -> 160	264.2 -> 233	349.0 -> 183	244.2 -> 91.1	253.1 -> 182	166.1 -> 133	222.2 -> 121	306.1 -> 264	290 1 \ 216
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ISTD Method	Name	7-aminoflunitrazepam-D7	alpha-hydroxymidazolam	Amitriptyline-D3	Acetyl Fentanyl-D5	Acetyl Norfentanyl-D5	Carbamazepine-13C6	Chlordiazepoxide-D5	Sufentanil-D5	Desipramine-D3	Doxepin-D3	Estazolam-D5	Flunitrazepam-D7	Zopiclone-D4	lmipramine-D3	MDMA-D6	Meperidine-D4	MDA-D5	MDEA-D6	MDMA-D6	Meperidine-D4	Meperidine-D4	Midazolam-D4	Normeperidine-D4	Nortriptyline-D3	Phenazepam-D4	Phencydlidine-D5	Phenytoin-D10	Pseudoephedrine-D3	Tapentadol-D3	Zaleplon-D4	Zoniolono DA
	Transition	291.2 -> 138	346.1 -> 328	281.2 -> 91.2	328.2 -> 105	224.2 -> 84.2	243.1 -> 200	305.1 -> 286	392.2 -> 238	270.2 -> 75.3	283.2 -> 107	300.1 -> 272_	321.1 -> 245	393.1 -> 244	284.2 -> 61.3	200.2 -> 166	252.2 -> 224	185.1 -> 168	214.2 -> 166	200.2 -> 166	252.2 -> 224	252.2 -> 224	330.1 -> 295	238.2 -> 164	267.2 -> 233	353.0 -> 183	249.2 -> 86.2	263.2 -> 192_	169.1 -> 151	225.2 -> 107	310.2 -> 240	202 1 > 244
<u>55</u>	RT	5.643	6.406										_		6.353		. 5.668	. 4.985	-	. 5.105		1	. 6.570	. 5.590	. 6.357	6.446	5.851			-	. 6.168	0000
ISTD Results	Resp.	443754	1009044		,		G						94227	(4)	2607050	68019	753430				7		1153177	699968			1116905				774275	200004