

AM 7 central file available upon request.

P

7/25/2018

P

Worklist: 2598

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2018-3191	1	119504	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3303	1	120043	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3304	1	120047	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3304	2	120051	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3331	1	120374	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3354	1	120468	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1769	1	120645	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1838	1	119830	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1911	1	120690	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1933	1	120803	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1939	1	120972	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1940	1	120978	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1941	1	120988	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1945	1	121028	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1949	1	121097	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1950	1	121100	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1951	1	121103	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1952	1	122524	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1953	1	121115	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1958	1	121158	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1963	1	121271	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1979	1	121398	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-1980	1	121443	AM 25 Blood Multi-Drug Screen by LC-QQQ	

D

Worklist: 2598

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
P2018-1981	1	121451	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-1983	1	121456	AM 25 Blood Multi-Drug Screen by LC-QQQ



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

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Extraction Date: 07/31/18
Plate lot#: 0515207

Analyst: Sarah Pickle
Plate Expiration: 10/18/18

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

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

Blank Blood Lot: 361331-1

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

LCMS-QQQ ID: 59740

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: #3** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100µL 100% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Open quantitation software and create a new quantitation batch.
Batch Name: AM 25-26 Blood Urine SP 073118
Worklist path: 073118 P1 SP, 073118 P2 SP
- 2. Make necessary changes to integration limits
- 3. Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. > 1/3 the response of administrative control.
- 4. Did all QCs pass for each analyte? Y / N _____
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: *Did not evaluate 6-MAM due to poor peak shape.*



Idaho State Police Forensic Services

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

Analyst: Sarah Pickle
Extraction Date: 07/31/18
Worklist Number: 2598

<i>Reagent</i>	<i>Lot Number</i>	<i>Expiration Date</i>	<i>Date in Service</i>	<i>Date Out of Service</i>	<i>Initials</i>
ToxBox Benzo/Opiate Screening Plate	0515207	10/18/18			
Negative Blood	361331-1		05/25/18		
Methanol External Control Solution	042618	04/26/19	04/26/18		
Blood External Control Solution	WS042618	04/26/19	04/26/18		
0.5M Ammonium Hydroxide	032918	9/29/18	3/29/18		
Formic Acid (LCMS Grade)	095180B		11/15/17		
Water (LCMS Grade)	181370		06/21/18		
Methanol (LCMS Grade)	177145		04/11/18		
Ammonium Formate (LCMS Grade)	A0287238		1/30/17		
Ammonium Hydroxide (ACS grade or better)	053200		8/3/07		
Ethyl Acetate(ACS grade or better)	100362		6/26/17		
10mM Ammonium Formate in LCMS Water (Mobile Phase A)	072818		07/28/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	072718		07/27/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	072518		07/25/18		

Methanol External Control Solution (Lot: 042618)

100 ul of 1mg/mL stock was added to each drug to 9600 ul of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	177145	
Oxycodone	Cerilliant	FE01181701	March 2022
Diazepam	Cerilliant	FE05201602	June 2021
Metoprolol	Cerilliant	FN06091510	July 2020
Meperidine	Cerilliant	FE01271602	June 2021
Prepared:	04/26/18		
Prepared By:	Tamara Salazar		
Expires:	04/26/19		

Blood External Control Solution (Lot: 042618)

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

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

0.5M Ammonium Hydroxide (Lot: 032918)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
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: 072818)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	181370
Prepared:	07/28/18	
Prepared By:	Tamara Salazar	

0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 072718)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	07/27/18	
Prepared By:	Celena Shrum	

Needle Rinse (75% LCMS MeOH in LCMS Water)(Lot: 072518)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	181370
Prepared:	07/25/18	
Prepared By:	Sarah Pickle	

Compound Method			p1 cal 1a Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	Mi	Transition	Area	S/N	Mi	Name	Transition	RT	Resp.	Mi	
6-MAA	328.2 -> 165...	7/31/2018 2:08 P...	4.705	6057	3.12		328.2 -> 211...	4138	4236.29		6-MAA-D6	334.2 -> 185...	6.343	64518		
7-aminoclonazepam	286.1 -> 121...	7/31/2018 2:08 P...	5.346	144404	49.08		286.1 -> 222...	30274	4230.59		7-Aminoclonazepam-D4	290.1 -> 121...	5.323	607324		
a-hydroxylprazolam	325.1 -> 297...	7/31/2018 2:08 P...	6.236	40628	280.63		325.1 -> 215...	4128	15.45		a-hydroxylprazolam-D5	330.1 -> 302...	6.256	237724		
alpha-PVP	232.2 -> 91.0	7/31/2018 2:08 P...	5.293	404182	1195.66		232.2 -> 77.1	258439	19851.51		alpha-PVP-d8	240.2 -> 91.1	5.291	34951...		
Alprazolam	309.1 -> 281...	7/31/2018 2:08 P...	6.363	536375	49146.25		309.1 -> 205...	169680	1341.49		Alprazolam-D5	314.1 -> 286...	6.341	27225...		
Amphetamine	136.1 -> 91.1	7/31/2018 2:08 P...	4.567	545951	14.25		136.1 -> 119...	205351	371.79		Amphetamine-D11	147.2 -> 130...	4.506	589532		
Benzoylcegonine	290.1 -> 168...	7/31/2018 2:08 P...	5.120	67527	386.69		290.1 -> 105...	51155	168.13		Benzoylcegonine-D8	298.2 -> 171...	5.099	21494		
Bupropion	240.1 -> 184...	7/31/2018 2:08 P...	5.496	325210	26527.26		240.1 -> 131...	427789	25.34		Bupropion-D9	249.2 -> 185...	5.475	680266		
Carisoprodol	261.2 -> 176...	7/31/2018 2:08 P...	5.943	7905	1416.24		261.2 -> 55.3	212191	Infinity		Carisoprodol-D7	288.2 -> 183...	5.941	307749		
Citalopram	316.1 -> 269...	7/31/2018 2:08 P...	6.238	79186	18.67		316.1 -> 213...	14716	170.78		Citalopram-D6	331.2 -> 109...	5.849	17468...		
Clonazepam	304.2 -> 182...	7/31/2018 2:08 P...	5.341	710172	Infinity		304.2 -> 105...	96115	12357.15		Clonazepam-D4	320.1 -> 217...	6.217	86613		
Cocaine	300.2 -> 215...	7/31/2018 2:08 P...	4.533	41697	Infinity		300.2 -> 165...	36431	6.56		Cocaine-D3	307.2 -> 185...	5.340	25755...		
Codeine	276.2 -> 214...	7/31/2018 2:08 P...	6.143	273726	85.30		276.2 -> 231...	165078	250.80		Codeine-D6	306.2 -> 218...	4.489	222516		
Cyclobenzaprine	272.2 -> 171...	7/31/2018 2:08 P...	5.859	454796	78309.95		272.2 -> 147...	427212	45289.82		Cyclobenzaprine-D3	279.2 -> 215...	6.122	23014...		
Dextromethorphan	258.2 -> 157...	7/31/2018 2:08 P...	5.168	438087	32.55		258.2 -> 133...	296546	1517.20		Dextromethorphan-D3	261.2 -> 157...	5.167	18359...		
Dextropropriphen	285.1 -> 193...	7/31/2018 2:08 P...	6.610	265647	335.97		285.1 -> 153...	414517	200606...		Dextropropriphen-D5	290.1 -> 198...	6.588	13703...		
Diazepam	302.2 -> 198...	7/31/2018 2:08 P...	4.471	126386	227.23		302.2 -> 128...	110437	11.82		Diazepam-D5	308.2 -> 202...	4.449	826841		
Dihydrocodeine	256.2 -> 167...	7/31/2018 2:08 P...	5.781	531505	Infinity		256.2 -> 152...	317004	49436.62		Dihydrocodeine-D6	259.2 -> 167...	5.780	57525...		
Diphenhydramine	271.2 -> 182...	7/31/2018 2:08 P...	5.409	12491...	257.95		271.2 -> 167...	933977	45.60		Diphenhydramine-D3	276.2 -> 187...	5.388	66596...		
Doxylamine	337.2 -> 235...	7/31/2018 2:08 P...	5.818	17932...	319966.42		337.2 -> 250...	872853	115418...		Doxylamine-D6	282.2 -> 235...	5.818	844930		
EDDP	310.1 -> 44.3	7/31/2018 2:08 P...	6.097	18113...	86.22		310.1 -> 148...	13664	2252.34		EDDP-D3	342.3 -> 105...	5.807	53764...		
Fentanyl	300.2 -> 198...	7/31/2018 2:08 P...	4.774	165708	Infinity		300.2 -> 128...	22670	2834.73		Fentanyl-D5	316.2 -> 44.3	6.095	86495...		
Fluoxetine	286.2 -> 184...	7/31/2018 2:08 P...	4.132	109954	12.13		286.2 -> 157...	114116	10.42		Fluoxetine-D6	292.2 -> 185...	4.711	11798...		
Hydrocodone	238.1 -> 125...	7/31/2018 2:08 P...	5.129	725337	54.67		238.1 -> 220...	137334	48.25		Hydrocodone-D6	242.1 -> 129...	5.128	36462...		
Hydromorphone	219.1 -> 158...	7/31/2018 2:08 P...	5.416	63559	81.72		219.1 -> 97.1	19501	4807.51		Hydromorphone-D6	226.2 -> 165...	5.415	30048		
Ketamine	310.2 -> 265...	7/31/2018 2:08 P...	6.116	990974	322458.49		310.2 -> 105...	683348	73535.58		Ketamine-D4	319.3 -> 268...	6.115	37304...		
Meprobamate	150.1 -> 91.1	7/31/2018 2:08 P...	4.727	483764	Infinity		150.1 -> 119...	125133	Infinity		Meprobamate-D7	161.2 -> 97.1	4.706	21987...		
Methadone	268.2 -> 116...	7/31/2018 2:08 P...	5.246	115469	367.55		268.2 -> 56.3	155390	18090.26		Methadone-D9	268.2 -> 183...	5.941	307749		
Methamphetamine	266.2 -> 195...	7/31/2018 2:08 P...	5.534	810962	197862.34		266.2 -> 72.3	527785	60116.48		Methamphetamine-D11	268.2 -> 183...	5.941	307749		
Metoprolol	399.2 -> 174...	7/31/2018 2:08 P...	5.907	307357	32500.56		399.2 -> 238...	43671	4982.50		Metoprolol-D7	392.2 -> 226...	6.029	10930...		
Mirtazapine	286.2 -> 101...	7/31/2018 2:08 P...	3.796	20271	Infinity		286.2 -> 165...	16385	Infinity		Mirtazapine-D8	292.2 -> 152...	3.754	45691		
Morphine	414.3 -> 201...	7/31/2018 2:08 P...	5.622	14524	1528.80		414.3 -> 57.3	15283	2406.84		Morphine-D6	417.3 -> 101...	5.602	31032		
Norbuprenorphine	271.1 -> 140...	7/31/2018 2:08 P...	6.451	119172	18385.98		271.1 -> 208...	31749	7808.26		Norbuprenorphine-D3	276.1 -> 140...	6.450	346284		
Nordiazepam	233.2 -> 84.2	7/31/2018 2:08 P...	5.069	10117...	85.54		233.2 -> 55.3	322316	Infinity		Nordiazepam-D5	238.2 -> 84.2	5.068	47361...		
Norfentanyl	286.2 -> 199...	7/31/2018 2:08 P...	4.717	30075	24.40		286.2 -> 171...	7766	54.17		Norfentanyl-D5	289.2 -> 202...	4.697	365090		
Norhydrocodone	302.1 -> 284...	7/31/2018 2:08 P...	4.652	162755	13.02		302.1 -> 186...	42523	10.16		Norhydrocodone-D3	305.2 -> 287...	4.631	981843		
Noroxycodone	250.2 -> 58.3	7/31/2018 2:08 P...	4.642	15276...	61.13		250.2 -> 42.3	43505	+ 35		Noroxycodone-D3	256.2 -> 64.3	4.622	41001...		
O-desmethyl-tramadol	287.1 -> 240...	7/31/2018 2:08 P...	6.264	34252	5974.37		287.1 -> 268...	36278	35.71		O-desmethyl-tramadol...	292.1 -> 246...	6.263	259614		
Oxazepam	316.2 -> 298...	7/31/2018 2:08 P...	4.650	453060	35.64		316.2 -> 241...	104194	366.45		Oxazepam-D5	322.2 -> 304...	4.649	15675...		
Oxycodone	302.1 -> 284...	7/31/2018 2:08 P...	3.888	83648	8.13		302.1 -> 227...	28880	41.47		Oxycodone-D6	305.2 -> 287...	3.885	416528		
Oxymorphone	150.1 -> 65.2	7/31/2018 2:08 P...	4.869	152858	Infinity		150.1 -> 133...	8066	2526.59		Oxymorphone-D3	155.2 -> 96.2	4.848	18988...		
Phentermine	285.1 -> 86.2	7/31/2018 2:08 P...	6.121	11026...	Infinity		285.1 -> 71.3	215692	6.71		Phentermine-D5	288.2 -> 89.2	6.100	39328...		
Promethazine	384.2 -> 253...	7/31/2018 2:08 P...	6.050	953991	3270.75		384.2 -> 221...	433306	66128.65		Promethazine-D3	392.2 -> 226...	6.029	10930...		
Quetiapine	306.1 -> 158...	7/31/2018 2:08 P...	6.364	755450	Infinity		306.1 -> 275...	433799	Infinity		Quetiapine-D8	309.1 -> 275...	6.363	29059...		
Sertraline	301.1 -> 255...	7/31/2018 2:08 P...	6.425	374502	816.49		301.1 -> 283...	129849	12.24		Sertraline-D3	306.1 -> 260...	6.405	26577...		
Temazepam	264.2 -> 58.3	7/31/2018 2:08 P...	5.187	17845...	113.18		264.2 -> 43.3	32653	30.65		Temazepam-D5	268.2 -> 58.3	5.185	91986...		
Tramadol											Tramadol-13C-D3					

Compound Method		p1.cal.1a			p1.cal.1a Results			Qualifier 1 M...			Qualifier 1 Results			STD Method			STD Results			
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	MI	
Trazodone	372.2 -> 176...	7/31/2018 2:08 P...	6.254	776801	47124.98	372.2 -> 148...	10493...	12.09	378.2 -> 182...	6.234	22437...	Trazodone-D6	378.2 -> 182...	6.234	22437...					
Venlafaxine	278.2 -> 58.3	7/31/2018 2:08 P...	5.552	15542...	183.43	278.2 -> 260...	129132	499.87	284.2 -> 64.3	5.552	59224...	Venlafaxine-D6	284.2 -> 64.3	5.552	59224...					
Zolpidem	308.2 -> 235...	7/31/2018 2:08 P...	5.771	10232...	Infinity	308.2 -> 263...	258317	Infinity	314.2 -> 235...	5.749	86906...	Zolpidem-D6	314.2 -> 235...	5.749	86906...					

Did not evaluate 6-MAM due to poor peak shape.

Compound Method			p1 external control			p1 external control Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.					
6-MAM	328.2 -> 165...	7/31/2018 2:46 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.568	109703					
7-aminoclonazepam	286.1 -> 121...	7/31/2018 2:46 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.323	507051					
Benzoyllecgonine	290.1 -> 168...	7/31/2018 2:46 PM					290.1 -> 105...				Benzoyllecgonine-D8	298.2 -> 171...	5.079	12795					
a-hydroxyalprazolam	325.1 -> 297...	7/31/2018 2:46 PM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...	6.256	198466					
alpha-PVP	232.2 -> 91.0	7/31/2018 2:46 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.271	2644530					
Alprazolam	309.1 -> 281...	7/31/2018 2:46 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.341	2118082					
Amphetamine	136.1 -> 91.1	7/31/2018 2:46 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.465	47758					
Cocaine	304.2 -> 182...	7/31/2018 2:46 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.320	1844212					
Bupropion	240.1 -> 184...	7/31/2018 2:46 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.495	604661					
Carisoprodol	261.2 -> 176...	7/31/2018 2:46 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.941	235054					
Citalopram	325.2 -> 109...	7/31/2018 2:46 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.849	1316483					
Clonazepam	316.1 -> 269...	7/31/2018 2:46 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.197	57025					
Codeine	300.2 -> 215...	7/31/2018 2:46 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.267	59191					
Cyclobenzaprine	276.2 -> 214...	7/31/2018 2:46 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.142	1594809					
Dextromethorphan	272.2 -> 171...	7/31/2018 2:46 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	5.839	896107					
Dextropropriphan	258.2 -> 157...	7/31/2018 2:46 PM					258.2 -> 133...				Dextropropriphan-D3	261.2 -> 157...	5.167	1364834					
Diazepam	285.1 -> 193...	7/31/2018 2:46 PM	6.610	23496	5694.22		285.1 -> 153...	35712	503361		Diazepam-D5	290.1 -> 198...	6.588	956943					
Dihydrocodeine	302.2 -> 198...	7/31/2018 2:46 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.449	67506					
Diphenhydramine	256.2 -> 167...	7/31/2018 2:46 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.780	4414190					
Doxylamine	271.2 -> 182...	7/31/2018 2:46 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.388	5598890					
EDDP	279.2 -> 235...	7/31/2018 2:46 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.818	691165					
Fentanyl	337.2 -> 105...	7/31/2018 2:46 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.807	3871169					
Fluoxetine	310.1 -> 44.3	7/31/2018 2:46 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.095	6566395					
Hydrocodone	300.2 -> 198...	7/31/2018 2:46 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.671	833983					
Hydromorphone	286.2 -> 184...	7/31/2018 2:46 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	3.991	50036					
Ketamine	238.1 -> 125...	7/31/2018 2:46 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.108	2720041					
Metoprolol	268.2 -> 116...	7/31/2018 2:46 PM	5.226	12234	2368.98		268.2 -> 56.3	14010	279760		Carisoprodol-D7	268.2 -> 183...	5.941	235054					
Mirtazapine	266.2 -> 195...	7/31/2018 2:46 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.941	235054					
Meprobamate	219.1 -> 158...	7/31/2018 2:46 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.395	26391					
Methadone	310.2 -> 265...	7/31/2018 2:46 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.115	2607507					
Methamphetamine	150.1 -> 91.1	7/31/2018 2:46 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	4.686	859256					
Morphine	286.2 -> 201...	7/31/2018 2:46 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	3.814	43727					
Norbuprenorphine	414.3 -> 101...	7/31/2018 2:46 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.642	23130					
Nordiazepam	271.1 -> 140...	7/31/2018 2:46 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.450	269975					
Norfentanyl	233.2 -> 84.2	7/31/2018 2:46 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.028	3794694					
Norhydrocodone	286.2 -> 199...	7/31/2018 2:46 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.616	287658					
Noroxycodone	302.1 -> 284...	7/31/2018 2:46 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.490	715573					
O-desmethyl-tramadol	250.2 -> 58.3	7/31/2018 2:46 PM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.622	899721					
Oxazepam	287.1 -> 240...	7/31/2018 2:46 PM	4.529	30404	194.78		287.1 -> 268...	677894	17.50		Oxazepam-D5	292.1 -> 246...	6.263	197186					
Oxycodone	316.2 -> 298...	7/31/2018 2:46 PM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	4.629	285692					
Oxymorphone	302.1 -> 284...	7/31/2018 2:46 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	3.725	330284					
Phentermine	150.1 -> 65.2	7/31/2018 2:46 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	4.727	1223760					
Promethazine	285.1 -> 86.2	7/31/2018 2:46 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.100	3241057					
Quetiapine	384.2 -> 253...	7/31/2018 2:46 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.029	809247					
Sertraline	306.1 -> 158...	7/31/2018 2:46 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.363	2064195					
Temazepam	301.1 -> 255...	7/31/2018 2:46 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.405	2178313					
Tramadol	264.2 -> 58.3	7/31/2018 2:46 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.165	7451844					
Trazodone	372.2 -> 176...	7/31/2018 2:46 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.173	2534645					

Name	Compound Method		p1 external control		p1 external control Results			Qualifier 1, M...			Qualifier 1, Results			ISTD Method		ISTD Results	
	Transition	Acq: Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Transition	Name	Transition	RT	Resp.		
Venlafaxine	278.2 -> 58.3	7/31/2018 2:46 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.552	4513363			
Zolpidem	308.2 -> 235...	7/31/2018 2:46 PM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	5.749	6397990			
Mitragynine	399.2 -> 174...	7/31/2018 2:46 PM					399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	6.029	809247			

Due to internal standard retention time shifts, sample was re injected.

Compound Method			p1 external control re...				p1 external control reinject Result...				Qualifier 1 M...				Qualifier 1 Results				ISTD Method				ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	M/I	Transition	Area	S/N	M/I	Transition	Area	S/N	M/I	Name	Transition	RT	Resp.						
6-MAM	328.2 -> 165...	7/31/2018 4:06 PM					328.2 -> 211...								6-MAM-D6	334.2 -> 165...	4.568	120670						
7-aminoclonazepam	286.1 -> 121...	7/31/2018 4:06 PM					286.1 -> 222...								7-Aminoclonazepam-D4	290.1 -> 121...	5.323	618046						
Benzoyllecgonine	290.1 -> 168...	7/31/2018 4:06 PM					290.1 -> 105...								Benzoyllecgonine-D8	298.2 -> 171...	5.079	19928						
a-hydroxyalprazolam	325.1 -> 297...	7/31/2018 4:06 PM					325.1 -> 215...								a-hydroxyalprazolam-D5	330.1 -> 302...	6.256	251618						
alpha-PVP	232.2 -> 91.0	7/31/2018 4:06 PM	5.395	3031	8.44		232.2 -> 77.1	9036	13.62					alpha-PVP-d8	240.2 -> 91.1	5.271	32981...							
Alprazolam	309.1 -> 281...	7/31/2018 4:06 PM					309.1 -> 205...								Alprazolam-D5	314.1 -> 286...	6.341	24230...						
Amphetamine	136.1 -> 91.1	7/31/2018 4:06 PM					136.1 -> 119...								Amphetamine-D11	147.2 -> 130...	4.101	204844						
Cocaine	304.2 -> 182...	7/31/2018 4:06 PM					304.2 -> 105...								Cocaine-D3	307.2 -> 185...	5.320	22543...						
Bupropion	240.1 -> 184...	7/31/2018 4:06 PM					240.1 -> 131...								Bupropion-D9	249.2 -> 185...	5.475	699990						
Carisoprodol	261.2 -> 176...	7/31/2018 4:06 PM					261.2 -> 55.3								Carisoprodol-D7	268.2 -> 183...	5.982	233487						
Citalopram	325.2 -> 109...	7/31/2018 4:06 PM					325.2 -> 262...								Citalopram-D6	331.2 -> 109...	5.849	15038...						
Clonazepam	316.1 -> 269...	7/31/2018 4:06 PM					316.1 -> 213...								Clonazepam-D4	320.1 -> 217...	6.217	76015...						
Codeine	300.2 -> 215...	7/31/2018 4:06 PM					300.2 -> 165...								Codeine-D6	306.2 -> 218...								
Cyclobenzaprine	276.2 -> 214...	7/31/2018 4:06 PM					276.2 -> 231...								Cyclobenzaprine-D3	279.2 -> 215...	6.122	18916...						
Dextromethorphan	272.2 -> 171...	7/31/2018 4:06 PM					272.2 -> 147...								Dextromethorphan-D3	275.2 -> 171...	5.859	10343...						
Dextropropranolol	258.2 -> 157...	7/31/2018 4:06 PM					258.2 -> 133...								Dextropropranolol-D3	261.2 -> 157...	5.167	15823...						
Diazepam	285.1 -> 193...	7/31/2018 4:06 PM	6.610	26250...	645381.20		285.1 -> 153...	39908	3506...					Diazepam-D5	290.1 -> 198...	6.588	10600...							
Dihydrocodeine	302.2 -> 198...	7/31/2018 4:06 PM					302.2 -> 128...								Dihydrocodeine-D6	308.2 -> 202...	4.449	121011						
Diphenhydramine	256.2 -> 167...	7/31/2018 4:06 PM					256.2 -> 152...								Diphenhydramine-D3	259.2 -> 167...	5.780	50268...						
Doxylamine	271.2 -> 182...	7/31/2018 4:06 PM					271.2 -> 167...								Doxylamine-D5	276.2 -> 187...	5.388	63044...						
EDDP	279.2 -> 235...	7/31/2018 4:06 PM					279.2 -> 250...								EDDP-D3	282.2 -> 235...	5.818	753913						
Fentanyl	337.2 -> 105...	7/31/2018 4:06 PM					337.2 -> 188...								Fentanyl-D5	342.3 -> 105...	5.807	45827...						
Fluoxetine	310.1 -> 44.3	7/31/2018 4:06 PM					310.1 -> 148...								Fluoxetine-D6	316.2 -> 44.3	6.095	76141...						
Hydrocodone	300.2 -> 198...	7/31/2018 4:06 PM					300.2 -> 128...								Hydrocodone-D6	306.2 -> 202...	4.651	964080						
Hydromorphone	286.2 -> 184...	7/31/2018 4:06 PM					286.2 -> 157...								Hydromorphone-D6	292.2 -> 185...	4.091	14019...						
Ketamine	238.1 -> 125...	7/31/2018 4:06 PM					238.1 -> 220...								Ketamine-D4	242.1 -> 129...	5.108	33013...						
Metoprolol	268.2 -> 116...	7/31/2018 4:06 PM	5.226	14333...	342569.30		268.2 -> 56.3	15803	3116...					Carisoprodol-D7	268.2 -> 183...	5.982	233487							
Mirtazapine	266.2 -> 195...	7/31/2018 4:06 PM					266.2 -> 72.3								Carisoprodol-D7	268.2 -> 183...	5.982	233487						
Meprobamate	219.1 -> 158...	7/31/2018 4:06 PM					219.1 -> 97.1								Meprobamate-D7	226.2 -> 165...	5.415	34121						
Methadone	310.2 -> 265...	7/31/2018 4:06 PM					310.2 -> 105...								Methadone-D9	319.3 -> 268...	6.115	31015...						
Methamphetamine	150.1 -> 91.1	7/31/2018 4:06 PM					150.1 -> 119...								Methamphetamine-D11	161.2 -> 97.1	4.706	10403...						
Morphine	286.2 -> 201...	7/31/2018 4:06 PM					286.2 -> 165...								Morphine-D6	292.2 -> 152...	3.794	60316						
Norbuprenorphine	414.3 -> 101...	7/31/2018 4:06 PM					414.3 -> 57.3								Norbuprenorphine-D3	417.3 -> 101...	5.642	21471						
Nordiazepam	271.1 -> 140...	7/31/2018 4:06 PM					271.1 -> 208...								Nordiazepam-D5	276.1 -> 140...	6.429	301495						
Norfentanyl	233.2 -> 84.2	7/31/2018 4:06 PM					233.2 -> 55.3								Norfentanyl-D5	238.2 -> 84.2	5.028	42220...						
Norhydrocodone	286.2 -> 199...	7/31/2018 4:06 PM					286.2 -> 171...								Norhydrocodone-D3	289.2 -> 202...	4.596	312111						
Noroxycodone	302.1 -> 284...	7/31/2018 4:06 PM					302.1 -> 186...								Noroxycodone-D3	305.2 -> 287...	4.490	860750						
O-desmethyl-tramadol	250.2 -> 58.3	7/31/2018 4:06 PM					250.2 -> 42.3								O-desmethyl-tramadol...	256.2 -> 64.3	4.622	10126...						
Oxazepam	287.1 -> 240...	7/31/2018 4:06 PM					287.1 -> 268...								Oxazepam-D5	292.1 -> 246...	6.263	215411						
Oxycodone	316.2 -> 298...	7/31/2018 4:06 PM	4.509	36167...	34.95		316.2 -> 241...	850790	40.57					Oxycodone-D6	322.2 -> 304...	4.508	14241...							
Oxymorphone	302.1 -> 284...	7/31/2018 4:06 PM					302.1 -> 227...								Oxymorphone-D3	305.2 -> 287...	3.725	366912						
Phentermine	150.1 -> 65.2	7/31/2018 4:06 PM					150.1 -> 133...								Phentermine-D5	155.2 -> 96.2	4.828	471489						
Promethazine	285.1 -> 86.2	7/31/2018 4:06 PM					285.1 -> 71.3								Promethazine-D3	288.2 -> 89.2	6.100	36132...						
Quetiapine	384.2 -> 253...	7/31/2018 4:06 PM					384.2 -> 221...								Quetiapine-D8	392.2 -> 226...	6.050	994782						
Seftalene	306.1 -> 158...	7/31/2018 4:06 PM					306.1 -> 275...								Seftalene-D3	309.1 -> 275...	6.363	23452...						
Temazepam	301.1 -> 255...	7/31/2018 4:06 PM					301.1 -> 283...								Temazepam-D5	306.1 -> 260...	6.405	24977...						
Tramadol	264.2 -> 58.3	7/31/2018 4:06 PM					264.2 -> 43.3								Tramadol-13C-D3	268.2 -> 58.3	5.165	86112...						
Trazodone	372.2 -> 176...	7/31/2018 4:06 PM					372.2 -> 148...								Trazodone-D6	378.2 -> 182...	6.234	22507...						

Compound Method			p1 external contr...			p1 external control reinject2 Re...			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	MI				
6-MAM	328.2 -> 165...	8/1/2018 9:00 AM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.689	118169					
7-aminoclonazepam	286.1 -> 121...	8/1/2018 9:00 AM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.343	589001					
a-hydroxyvalprazolam	325.1 -> 297...	8/1/2018 9:00 AM					325.1 -> 215...				a-hydroxyvalprazolam-D5	330.1 -> 302...	6.256	241937					
alpha-PVP	232.2 -> 91.0	8/1/2018 9:00 AM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.291	18853...					
Alprazolam	309.1 -> 281...	8/1/2018 9:00 AM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.341	24542...					
Amphetamine	136.1 -> 91.1	8/1/2018 9:00 AM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.546	533870					
Benzoyllecgonine	290.1 -> 168...	8/1/2018 9:00 AM					290.1 -> 105...				Benzoyllecgonine-D8	298.2 -> 171...	5.119	17840					
Bupropion	240.1 -> 184...	8/1/2018 9:00 AM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.475	20028					
Carisoprodol	261.2 -> 176...	8/1/2018 9:00 AM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.941	218140					
Citalopram	325.2 -> 109...	8/1/2018 9:00 AM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.869	15055...					
Clonazepam	316.1 -> 269...	8/1/2018 9:00 AM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.197	68042					
Cocaine	304.2 -> 182...	8/1/2018 9:00 AM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.340	20163...					
Codeine	300.2 -> 215...	8/1/2018 9:00 AM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.510	200080					
Cyclobenzaprine	276.2 -> 214...	8/1/2018 9:00 AM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.142	17590...					
Dextromethorphan	272.2 -> 171...	8/1/2018 9:00 AM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	5.879	887233					
Dextropropion	258.2 -> 157...	8/1/2018 9:00 AM					258.2 -> 133...				Dextropropion-D3	261.2 -> 157...	5.187	14405...					
Diazepam	285.1 -> 193...	8/1/2018 9:00 AM	6.610	25936...	343.84		285.1 -> 153...	38684...	23422.25		Diazepam-D5	290.1 -> 198...	6.588	11306...					
Dihydrocodeine	302.2 -> 198...	8/1/2018 9:00 AM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.469	71326					
Diphenhydramine	256.2 -> 167...	8/1/2018 9:00 AM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.801	41205...					
Doxylamine	271.2 -> 182...	8/1/2018 9:00 AM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.409	58879...					
EDDP	279.2 -> 235...	8/1/2018 9:00 AM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.818	473534					
Fentanyl	337.2 -> 105...	8/1/2018 9:00 AM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.828	44608...					
Fluoxetine	310.1 -> 44.3	8/1/2018 9:00 AM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.095	67817...					
Hydrocodone	300.2 -> 198...	8/1/2018 9:00 AM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.751	10964...					
Hydrocodone	286.2 -> 184...	8/1/2018 9:00 AM					286.2 -> 157...				Hydrocodone-D6	292.2 -> 185...	4.131	416193					
Ketamine	238.1 -> 125...	8/1/2018 9:00 AM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.149	29536...					
Meprobamate	219.1 -> 158...	8/1/2018 9:00 AM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.415	33053					
Methadone	310.2 -> 265...	8/1/2018 9:00 AM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.136	28069...					
Methamphetamine	150.1 -> 91.1	8/1/2018 9:00 AM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	4.726	22674...					
Metoprolol	268.2 -> 116...	8/1/2018 9:00 AM	5.246	14796...	218797...		268.2 -> 56.3	16373...	348476...		Carisoprodol-D7	268.2 -> 183...	5.941	218140					
Mirtazapine	266.2 -> 195...	8/1/2018 9:00 AM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.941	218140					
Mitragynine	399.2 -> 174...	8/1/2018 9:00 AM					399.2 -> 238...				Guetipine-D8	392.2 -> 226...	6.070	10275...					
Morphine	286.2 -> 201...	8/1/2018 9:00 AM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	3.814	60115					
Norbuprenorphine	414.3 -> 101...	8/1/2018 9:00 AM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.622	28113					
Nordiazepam	271.1 -> 140...	8/1/2018 9:00 AM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.429	301645					
Norfentanyl	233.2 -> 84.2	8/1/2018 9:00 AM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.068	38829...					
Norhydrocodone	286.2 -> 199...	8/1/2018 9:00 AM	4.657	2312	1003.87		286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.717	331388					
Noroxycodone	302.1 -> 284...	8/1/2018 9:00 AM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.651	787413					
O-desmethyl-tramadol	250.2 -> 58.3	8/1/2018 9:00 AM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.642	35589...					
Oxazepam	287.1 -> 240...	8/1/2018 9:00 AM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.263	233318					
Oxycodone	316.2 -> 298...	8/1/2018 9:00 AM	4.670	39142...	140.85		316.2 -> 241...	845044	843.21		Oxycodone-D6	322.2 -> 304...	4.649	13139...					
Oxymorphone	302.1 -> 284...	8/1/2018 9:00 AM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	3.925	426997					
Penthermine	150.1 -> 65.2	8/1/2018 9:00 AM					150.1 -> 133...				Penthermine-D5	155.2 -> 96.2	4.869	19455...					
Promethazine	285.1 -> 86.2	8/1/2018 9:00 AM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.120	31099...					
Quetiapine	384.2 -> 253...	8/1/2018 9:00 AM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.070	10275...					
Sertraline	306.1 -> 158...	8/1/2018 9:00 AM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.363	22336...					
Temazepam	301.1 -> 255...	8/1/2018 9:00 AM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.405	23961...					
Tramadol	264.2 -> 58.3	8/1/2018 9:00 AM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.185	80287...					

Compound Method			p1 blood negative				p1 blood negative Results				Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results			
Name	Transition	Acq. Date-Time	RT	Resp	S/N	MI	Transition	Area	S/N	MI	Name	Transition	Area	S/N	MI	Name	Transition	Area	S/N	MI	RT	Resp	MI
6-MAM	328.2 -> 165...	7/31/2018 2:27 PM					328.2 -> 211...				6-MAM-D6	328.2 -> 165...				6-MAM-D6	328.2 -> 165...				4.648	151426	
7-aminoclonazepam	286.1 -> 121...	7/31/2018 2:27 PM					286.1 -> 222...				7-Aminoclonazepam-D4	286.1 -> 121...				7-Aminoclonazepam-D4	286.1 -> 121...				5.323	673349	
a-hydroxyalprazolam	325.1 -> 297...	7/31/2018 2:27 PM					325.1 -> 215...				a-hydroxyalprazolam-D5	325.1 -> 215...				a-hydroxyalprazolam-D5	325.1 -> 215...				6.256	237550	
alpha-PVP	232.2 -> 91.0	7/31/2018 2:27 PM	5.395	4194	700.28		232.2 -> 77.1	13928	43.82		alpha-PVP-d8	232.2 -> 77.1	13928	43.82		alpha-PVP-d8	232.2 -> 77.1	13928	43.82		5.291	35585...	
Alprazolam	309.1 -> 281...	7/31/2018 2:27 PM					309.1 -> 205...				Alprazolam-D5	309.1 -> 205...				Alprazolam-D5	309.1 -> 205...				6.341	27726...	
Amphetamine	136.1 -> 91.1	7/31/2018 2:27 PM	4.728	193229	12.24		136.1 -> 119...				Amphetamine-D11	136.1 -> 119...				Amphetamine-D11	136.1 -> 119...				4.506	634208	
Benzoyllecgonine	290.1 -> 168...	7/31/2018 2:27 PM					290.1 -> 105...				Benzoyllecgonine-D8	290.1 -> 105...				Benzoyllecgonine-D8	290.1 -> 105...				5.099	16605	
Bupropion	240.1 -> 184...	7/31/2018 2:27 PM					240.1 -> 131...				Bupropion-D9	240.1 -> 131...				Bupropion-D9	240.1 -> 131...				5.475	722797	
Carisoprodol	261.2 -> 176...	7/31/2018 2:27 PM					261.2 -> 55.3				Carisoprodol-D7	261.2 -> 55.3				Carisoprodol-D7	261.2 -> 55.3				5.941	269404	
Citalopram	325.2 -> 109...	7/31/2018 2:27 PM	5.829	5236	2.10		325.2 -> 262...				Citalopram-D6	325.2 -> 262...				Citalopram-D6	325.2 -> 262...				5.849	17696...	
Clonazepam	316.1 -> 269...	7/31/2018 2:27 PM					316.1 -> 213...				Clonazepam-D4	316.1 -> 213...				Clonazepam-D4	316.1 -> 213...				6.217	82897	
Cocaine	304.2 -> 182...	7/31/2018 2:27 PM	5.362	7075	6670.06		304.2 -> 105...				Cocaine-D3	304.2 -> 105...				Cocaine-D3	304.2 -> 105...				5.340	24882...	
Codeine	300.2 -> 215...	7/31/2018 2:27 PM					300.2 -> 165...				Codeine-D6	300.2 -> 165...				Codeine-D6	300.2 -> 165...				4.489	198965	
Cyclobenzaprine	276.2 -> 214...	7/31/2018 2:27 PM					276.2 -> 231...				Cyclobenzaprine-D3	276.2 -> 231...				Cyclobenzaprine-D3	276.2 -> 231...				6.122	22336...	
Dextromethorphan	272.2 -> 171...	7/31/2018 2:27 PM					272.2 -> 147...				Dextromethorphan-D3	272.2 -> 147...				Dextromethorphan-D3	272.2 -> 147...				5.839	13072...	
Dextropropion	258.2 -> 157...	7/31/2018 2:27 PM	5.147	2268	388.61		258.2 -> 133...				Dextropropion-D3	258.2 -> 133...				Dextropropion-D3	258.2 -> 133...				5.167	18411...	
Diazepam	285.1 -> 193...	7/31/2018 2:27 PM					285.1 -> 153...				Diazepam-D5	285.1 -> 153...				Diazepam-D5	285.1 -> 153...				6.588	13615...	
Dihydrocodeine	302.2 -> 198...	7/31/2018 2:27 PM					302.2 -> 128...				Dihydrocodeine-D6	302.2 -> 128...				Dihydrocodeine-D6	302.2 -> 128...				4.449	765052	
Diphenhydramine	256.2 -> 167...	7/31/2018 2:27 PM					256.2 -> 152...				Diphenhydramine-D3	256.2 -> 152...				Diphenhydramine-D3	256.2 -> 152...				5.780	57131...	
Doxylamine	271.2 -> 182...	7/31/2018 2:27 PM	5.430	13415	7.87		271.2 -> 167...				Doxylamine-D5	271.2 -> 167...				Doxylamine-D5	271.2 -> 167...				5.388	72553...	
EDDP	279.2 -> 235...	7/31/2018 2:27 PM					279.2 -> 250...				EDDP-D3	279.2 -> 250...				EDDP-D3	279.2 -> 250...				5.818	857739	
Fentanyl	337.2 -> 105...	7/31/2018 2:27 PM					337.2 -> 188...				Fentanyl-D5	337.2 -> 188...				Fentanyl-D5	337.2 -> 188...				5.807	51468...	
Fluoxetine	310.1 -> 44.3	7/31/2018 2:27 PM	6.097	11277	1.26		310.1 -> 148...				Fluoxetine-D6	310.1 -> 148...				Fluoxetine-D6	310.1 -> 148...				6.095	90147...	
Hydrocodone	300.2 -> 198...	7/31/2018 2:27 PM					300.2 -> 128...				Hydrocodone-D6	300.2 -> 128...				Hydrocodone-D6	300.2 -> 128...				4.731	11511...	
Hydromorphone	286.2 -> 184...	7/31/2018 2:27 PM					286.2 -> 157...				Hydromorphone-D6	286.2 -> 157...				Hydromorphone-D6	286.2 -> 157...				4.091	511994	
Ketamine	238.1 -> 125...	7/31/2018 2:27 PM					238.1 -> 220...				Ketamine-D4	238.1 -> 220...				Ketamine-D4	238.1 -> 220...				5.128	37173...	
Meprobamate	219.1 -> 158...	7/31/2018 2:27 PM					219.1 -> 97.1				Meprobamate-D7	219.1 -> 97.1				Meprobamate-D7	219.1 -> 97.1				5.395	37650	
Methadone	310.2 -> 265...	7/31/2018 2:27 PM					310.2 -> 105...				Methadone-D9	310.2 -> 105...				Methadone-D9	310.2 -> 105...				6.115	37304...	
Methamphetamine	150.1 -> 91.1	7/31/2018 2:27 PM					150.1 -> 119...				Methamphetamine-D11	150.1 -> 119...				Methamphetamine-D11	150.1 -> 119...				4.706	24788...	
Metoprolol	268.2 -> 116...	7/31/2018 2:27 PM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 56.3				Carisoprodol-D7	268.2 -> 56.3				5.941	269404	
Mirtazapine	266.2 -> 195...	7/31/2018 2:27 PM					266.2 -> 72.3				Carisoprodol-D7	266.2 -> 72.3				Carisoprodol-D7	266.2 -> 72.3				5.941	269404	
Mitragynine	399.2 -> 174...	7/31/2018 2:27 PM					399.2 -> 238...				Quetiapine-D8	399.2 -> 238...				Quetiapine-D8	399.2 -> 238...				6.029	11014...	
Morphine	286.2 -> 201...	7/31/2018 2:27 PM					286.2 -> 165...				Morphine-D6	286.2 -> 165...				Morphine-D6	286.2 -> 165...				3.774	61618	
Norbuprenorphine	414.3 -> 101...	7/31/2018 2:27 PM					414.3 -> 57.3				Norbuprenorphine-D3	414.3 -> 57.3				Norbuprenorphine-D3	414.3 -> 57.3				5.622	37393	
Nordiazepam	271.1 -> 140...	7/31/2018 2:27 PM					271.1 -> 208...				Nordiazepam-D5	271.1 -> 208...				Nordiazepam-D5	271.1 -> 208...				6.450	380550	
Norfentanyl	233.2 -> 84.2	7/31/2018 2:27 PM					233.2 -> 55.3				Norfentanyl-D5	233.2 -> 55.3				Norfentanyl-D5	233.2 -> 55.3				5.068	48489...	
Norhydrocodone	286.2 -> 199...	7/31/2018 2:27 PM	4.637	1928	1058.29		286.2 -> 171...				Norhydrocodone-D3	286.2 -> 171...				Norhydrocodone-D3	286.2 -> 171...				4.697	377864	
Noroxycodone	302.1 -> 284...	7/31/2018 2:27 PM					302.1 -> 186...				Noroxycodone-D3	302.1 -> 186...				Noroxycodone-D3	302.1 -> 186...				4.651	970060	
O-desmethyl-tramadol	250.2 -> 58.3	7/31/2018 2:27 PM					250.2 -> 42.3				O-desmethyl-tramadol...	250.2 -> 42.3				O-desmethyl-tramadol...	250.2 -> 42.3				4.622	42289...	
Oxazepam	287.1 -> 240...	7/31/2018 2:27 PM					287.1 -> 268...				Oxazepam-D5	287.1 -> 268...				Oxazepam-D5	287.1 -> 268...				6.263	271194	
Oxycodone	316.2 -> 298...	7/31/2018 2:27 PM					316.2 -> 241...				Oxycodone-D6	316.2 -> 241...				Oxycodone-D6	316.2 -> 241...				4.649	16725...	
Oxymorphone	302.1 -> 284...	7/31/2018 2:27 PM					302.1 -> 227...				Oxymorphone-D3	302.1 -> 227...				Oxymorphone-D3	302.1 -> 227...				3.885	474435	
Phentermine	150.1 -> 65.2	7/31/2018 2:27 PM	5.051	14217	1.01		150.1 -> 133...				Phentermine-D5	150.1 -> 133...				Phentermine-D5	150.1 -> 133...				4.848	18969...	
Promethazine	285.1 -> 86.2	7/31/2018 2:27 PM					285.1 -> 71.3				Promethazine-D3	285.1 -> 71.3				Promethazine-D3	285.1 -> 71.3				6.100	40059...	
Quetiapine	384.2 -> 253...	7/31/2018 2:27 PM					384.2 -> 221...				Quetiapine-D8	384.2 -> 221...				Quetiapine-D8	384.2 -> 221...				6.029	11014...	
Sertraline	306.1 -> 158...	7/31/2018 2:27 PM					306.1 -> 275...				Sertraline-D3	306.1 -> 275...				Sertraline-D3	306.1 -> 275...				6.363	31006...	
Temazepam	301.1 -> 255...	7/31/2018 2:27 PM					301.1 -> 283...				Temazepam-D5	301.1 -> 283...				Temazepam-D5	301.1 -> 283...				6.405	28205...	
Tramadol	264.2 -> 58.3	7/31/2018 2:27 PM					264.2 -> 43.3				Tramadol-13C-D3	264.2 -> 43.3				Tramadol-13C-D3	264.2 -> 43.3				5.185	97752...	

2

Compound Method		p1 blood negative		p1 blood negative Results		Qualifier 1 M...		Qualifier 1 Results		ISTD Method		ISTD Results			
Name	Transition	Acq. Date-Time	RT	Resp	S/N	ML	Transition	Area	S/N	ML	Name	Transition	RT	Resp	ML
Trazodone	372.2 -> 176...	7/31/2018 2:27 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.173	25565...	
Venlafaxine	278.2 -> 58.3	7/31/2018 2:27 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.552	56113...	
Zolpidem	308.2 -> 235...	7/31/2018 2:27 PM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	5.749	81794...	

Compound Method			p2 cal 1b			p2 cal 1b Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.					
7-aminoflunitrazepam	284.1 -> 135...	7/31/2018 2:17 P...	5.540	672067	1903.40		284.1 -> 93.2	66838	203.41		7-aminoflunitrazepam-...	291.2 -> 138...	5.520	3345388					
alpha-hydroxymidazolam	342.1 -> 324...	7/31/2018 2:17 P...	6.326	276107	76985.26		342.1 -> 203...	180818	48588...		alpha-hydroxymidazolam...	346.1 -> 328...	6.305	2378272					
Amiripityline	278.2 -> 91.2	7/31/2018 2:17 P...	6.194	1197973	Infinity		278.2 -> 105...	4075533	Infinity		Amiripityline-D3	281.2 -> 91.2	6.193	3057740					
Acetyl Fentanyl	323.2 -> 105...	7/31/2018 2:17 P...	5.598	58039	5144.35		323.2 -> 188...	20244	8479.01		Acetyl Fentanyl-D5	328.2 -> 105...	5.617	4850345					
Acetyl Norfentanyl	219.1 -> 84.2	7/31/2018 2:17 P...	4.594	42719	11.46		219.1 -> 56.3	15496	43.97		Acetyl Norfentanyl-D5	224.2 -> 84.2	4.572	2843454					
Carbamazepine	237.1 -> 193...	7/31/2018 2:17 P...	5.975	204403	451.65		237.1 -> 194...	13617...	268.10		Carbamazepine-13C6	243.1 -> 200...	5.974	9019790					
Chlordiazepoxide	300.1 -> 227...	7/31/2018 2:17 P...	6.453	123669	363.95		300.1 -> 282...	222613	22.03		Chlordiazepoxide-D5	305.1 -> 286...	6.453	3571530					
Sufentanil	387.2 -> 238...	7/31/2018 2:17 P...	6.081	86960	89.24		387.2 -> 111...	41955	10190...		Sufentanil-D5	392.2 -> 238...	6.080	4789790					
Desipramine	267.2 -> 72.3	7/31/2018 2:17 P...	6.153	1738388	Infinity		267.2 -> 44.3	652705	Infinity		Desipramine-D3	270.2 -> 75.3	6.153	110963...					
Doxepin	280.2 -> 107...	7/31/2018 2:17 P...	5.948	390881	49.43		280.2 -> 77.2	176412	8.75		Doxepin-D3	283.2 -> 107...	5.948	1153940					
Estazolam	295.1 -> 267...	7/31/2018 2:17 P...	6.272	525535	118.22		295.1 -> 205...	254067	1021.52		Estazolam-D5	300.1 -> 272...	6.271	3948617					
Flunitrazepam	314.1 -> 268...	7/31/2018 2:17 P...	6.329	549546	1692.41		314.1 -> 239...	165450	515.30		Flunitrazepam-D7	321.1 -> 245...	6.309	233350					
Flurazepam	388.2 -> 315...	7/31/2018 2:17 P...	5.878	742845	167103.24		388.2 -> 317...	107805	7488.38		Zopiclone-D4	393.1 -> 244...	5.695	508695					
Imipramine	281.2 -> 86.2	7/31/2018 2:17 P...	6.172	1588248	530.19		281.2 -> 58.3	917524	98.47		Imipramine-D3	284.2 -> 61.3	6.171	6877220					
Levamisole	205.1 -> 91.2	7/31/2018 2:17 P...	4.759	264579	51.85		205.1 -> 178...	264133	43.85		MDMA-D6	200.2 -> 166...	4.942	155925					
Maprotiline	278.2 -> 91.2	7/31/2018 2:17 P...	5.826	891844	Infinity		278.2 -> 117...	7240	22.27		Meperidine-D4	252.2 -> 224...	5.361	2168577					
MDA	180.1 -> 163...	7/31/2018 2:17 P...	4.782	146900	15.86		180.1 -> 105...	72680	5.68		MDA-D5	185.1 -> 168...	4.761	636762					
MDEA	208.1 -> 163...	7/31/2018 2:17 P...	5.063	730570	35.80		208.1 -> 105...	308564	107.09		MDEA-D6	214.2 -> 166...	5.063	3420259					
MDMA	194.1 -> 163...	7/31/2018 2:17 P...	4.902	392464	Infinity		194.1 -> 105...	199935	8.55		MDMA-D6	200.2 -> 166...	4.942	155925					
Meperidine	248.2 -> 220...	7/31/2018 2:17 P...	5.362	315409	51.85		248.2 -> 174...	239508	Infinity		Meperidine-D4	252.2 -> 224...	5.361	2168577					
Methylphenidate	234.2 -> 84.2	7/31/2018 2:17 P...	5.284	1792675	Infinity		234.2 -> 56.3	370712	Infinity		Meperidine-D4	252.2 -> 224...	5.361	2168577					
Midazolam	326.1 -> 223...	7/31/2018 2:17 P...	6.409	172762	73.66		326.1 -> 249...	247416	226.57		Midazolam-D4	330.1 -> 295...	6.409	3281852					
Normeperidine	234.1 -> 42.3	7/31/2018 2:17 P...	5.366	330760	59.09		234.1 -> 160...	270201	596.82		Normeperidine-D4	238.2 -> 164...	5.384	2263937					
Nortriptyline	264.2 -> 91.2	7/31/2018 2:17 P...	6.114	2302857	Infinity		264.2 -> 233...	18304...	3039.93		Nortriptyline-D3	267.2 -> 233...	6.196	2693994					
Phenazepam	349.0 -> 206...	7/31/2018 2:17 P...	6.386	141954	43143.10		349.0 -> 183...	104982	448.34		Phenazepam-D4	353.0 -> 183...	6.385	61917					
Phencyclidine	244.2 -> 86.2	7/31/2018 2:17 P...	5.688	520543	134944.59		244.2 -> 91.1	527382	35.20		Phencyclidine-D5	249.2 -> 86.2	5.667	4022481					
Phenylethylamine	253.1 -> 104...	7/31/2018 2:17 P...	5.911	6417	360.91		253.1 -> 182...	3368	1511.33		Phenylethylamine-D10	263.2 -> 192...	5.869	54604					
Pseudoephedrine	166.1 -> 148...	7/31/2018 2:17 P...	4.300	8427568	315.87		166.1 -> 133...	18283...	39.70		Pseudoephedrine-D3	169.1 -> 151...	4.298	4049814					
Tapentadol	222.2 -> 107...	7/31/2018 2:17 P...	5.204	755379	170.38		222.2 -> 121...	410947	1440.51		Tapentadol-D3	225.2 -> 107...	5.203	4032975					
Zaleplon	306.1 -> 236...	7/31/2018 2:17 P...	6.127	394997	161.70		306.1 -> 264...	416182	94.58		Zaleplon-D4	310.2 -> 240...	6.107	1543363					
Zopiclone	389.1 -> 244...	7/31/2018 2:17 P...	5.695	40232	1117.28		389.1 -> 216...	10997	1085.74		Zopiclone-D4	393.1 -> 244...	5.695	508695					

Compound Method			p2 external control			p2 external control Results			Qualifier 1 M...			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.		
7-aminoflunitrazepam	284.1 -> 135...	7/31/2018 2:56 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.520	26063...		
alpha-hydroxymidazolam	342.1 -> 324...	7/31/2018 2:56 PM					342.1 -> 203...				alpha-hydroxymidazolam-...	346.1 -> 328...	6.305	18437...		
Amitriptyline	278.2 -> 91.2	7/31/2018 2:56 PM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.213	21247...		
Acetyl Fentanyl	323.2 -> 105...	7/31/2018 2:56 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.617	34665...		
Acetyl Norfentanyl	219.1 -> 84.2	7/31/2018 2:56 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.245	17198...		
Carbamazepine	237.1 -> 193...	7/31/2018 2:56 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.974	71314...		
Chlordiazepoxide	300.1 -> 227...	7/31/2018 2:56 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.453	25317...		
Sufentanil	387.2 -> 238...	7/31/2018 2:56 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.080	34095...		
Desipramine	267.2 -> 72.3	7/31/2018 2:56 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.175	85389...		
Doxepin	280.2 -> 107...	7/31/2018 2:56 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	5.948	812940...		
Estazolam	295.1 -> 267...	7/31/2018 2:56 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.271	30604...		
Flunitrazepam	314.1 -> 268...	7/31/2018 2:56 PM	6.329	11597	2827.54		314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.309	189761...		
Flurazepam	388.2 -> 315...	7/31/2018 2:56 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.695	269171...		
Imipramine	281.2 -> 86.2	7/31/2018 2:56 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.171	51900...		
Levamisole	205.1 -> 91.2	7/31/2018 2:56 PM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	4.882	119933...		
Maprotiline	278.2 -> 91.2	7/31/2018 2:56 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.361	17011...		
MDA	180.1 -> 163...	7/31/2018 2:56 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.761	513025...		
MDEA	208.1 -> 163...	7/31/2018 2:56 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.063	26267...		
MDMA	194.1 -> 163...	7/31/2018 2:56 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	4.882	119933...		
Meperidine	248.2 -> 220...	7/31/2018 2:56 PM	5.362	29819...	85.96		248.2 -> 174...	23252...	155.46		Meperidine-D4	252.2 -> 224...	5.361	17011...		
Methylphenidate	234.2 -> 84.2	7/31/2018 2:56 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.361	17011...		
Midazolam	326.1 -> 223...	7/31/2018 2:56 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.409	25630...		
Normeperidine	234.1 -> 42.3	7/31/2018 2:56 PM	5.386	13192	15.45		234.1 -> 160...	7727	3016...		Normeperidine-D4	238.2 -> 164...	5.364	18923...		
Nortriptyline	264.2 -> 91.2	7/31/2018 2:56 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.196	20865...		
Phenazepam	349.0 -> 206...	7/31/2018 2:56 PM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.365	46040...		
Phencyclidine	244.2 -> 86.2	7/31/2018 2:56 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.667	30120...		
Phenytol	253.1 -> 104...	7/31/2018 2:56 PM					253.1 -> 182...				Phenytol-D10	263.2 -> 192...	5.848	48238...		
Pseudoephedrine	166.1 -> 148...	7/31/2018 2:56 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	3.897	19490...		
Tapentadol	222.2 -> 107...	7/31/2018 2:56 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.203	29793...		
Zaleplon	306.1 -> 236...	7/31/2018 2:56 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.107	12383...		
Zopiclone	389.1 -> 244...	7/31/2018 2:56 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.695	269171...		

Due to internal standard retention time shifts, sample was reconstituted and reinjected on 8/2/18.

Compound Method			p2 external control...			p2 external control reinject Result...			Qualifier 1 M...			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.		
7-aminoflunitrazepam	284.1 -> 135...	8/2/2018 10:04 A...					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.520	15638...		
alpha-hydroxymidazolam	342.1 -> 324...	8/2/2018 10:04 A...					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328...	6.325	12461...		
Amitriptyline	278.2 -> 91.2	8/2/2018 10:04 A...					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.233	11983...		
Acetyl Fentanyl	323.2 -> 105...	8/2/2018 10:04 A...					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.638	20594...		
Acetyl Norfentanyl	219.1 -> 84.2	8/2/2018 10:04 A...					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.612	11033...		
Carbamazepine	237.1 -> 193...	8/2/2018 10:04 A...					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.974	48506...		
Chlordiazepoxide	300.1 -> 227...	8/2/2018 10:04 A...					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.453	15571...		
Sufentanil	387.2 -> 238...	8/2/2018 10:04 A...					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.120	21408...		
Desipramine	267.2 -> 72.3	8/2/2018 10:04 A...					267.2 -> 44.3				Desipramine-D3	272.2 -> 75.3	6.195	51023...		
Doxepin	280.2 -> 107...	8/2/2018 10:04 A...					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	5.968	463616		
Estazolam	295.1 -> 267...	8/2/2018 10:04 A...					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.250	19861...		
Flunitrazepam	314.1 -> 268...	8/2/2018 10:04 A...					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.309	127507		
Flurazepam	388.2 -> 315...	8/2/2018 10:04 A...					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.756	250163		
Imipramine	281.2 -> 86.2	8/2/2018 10:04 A...					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.192	30241...		
Levamisole	205.1 -> 91.2	8/2/2018 10:04 A...					205.1 -> 178...				MDMA-D6	200.2 -> 166...	4.962	73514		
Maprotiline	278.2 -> 91.2	8/2/2018 10:04 A...					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.381	986655		
MDA	180.1 -> 163...	8/2/2018 10:04 A...					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.842	256840		
MDEA	208.1 -> 163...	8/2/2018 10:04 A...					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.104	14972...		
MDMA	194.1 -> 163...	8/2/2018 10:04 A...					194.1 -> 105...				MDMA-D6	200.2 -> 166...	4.962	73514		
Meperidine	248.2 -> 220...	8/2/2018 10:04 A...	5.382	16916...	126.37		248.2 -> 174...	13105...	3746...		Meperidine-D4	252.2 -> 224...	5.381	986655		
Methylphenidate	234.2 -> 84.2	8/2/2018 10:04 A...					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.381	986655		
Midazolam	326.1 -> 223...	8/2/2018 10:04 A...					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.429	16366...		
Normeperidine	234.1 -> 42.3	8/2/2018 10:04 A...	5.141	14430	67.66		234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.384	973069		
Nortriptyline	264.2 -> 91.2	8/2/2018 10:04 A...					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.216	13301...		
Phenazepam	349.0 -> 206...	8/2/2018 10:04 A...					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.385	26055		
Phencyclidine	244.2 -> 86.2	8/2/2018 10:04 A...					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.687	11339...		
Phenytol	253.1 -> 104...	8/2/2018 10:04 A...					253.1 -> 182...				Phenytol-D10	263.2 -> 192...	5.869	34526		
Pseudoephedrine	166.1 -> 148...	8/2/2018 10:04 A...					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.381	12465...		
Tapentadol	222.2 -> 107...	8/2/2018 10:04 A...					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.223	20144...		
Zaleplon	306.1 -> 236...	8/2/2018 10:04 A...					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.107	819720		
Zopiclone	389.1 -> 244...	8/2/2018 10:04 A...					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.756	250163		

Compound Method			p2 blood negative			p2 blood negative Results			Qualifier 1 M...			ISTD Method			ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.		
7-aminoflunitrazepam	284.1 -> 135...	7/31/2018 2:37 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.520	3438829		
alpha-hydroxymidazolam	342.1 -> 324...	7/31/2018 2:37 PM					342.1 -> 203...				alpha-hydroxymidazolam-	346.1 -> 328...	6.325	2328840		
Amitriptyline	278.2 -> 91.2	7/31/2018 2:37 PM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.213	3080871		
Acetyl Fentanyl	323.2 -> 105...	7/31/2018 2:37 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.597	4772668		
Acetyl Norfentanyl	219.1 -> 84.2	7/31/2018 2:37 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.572	2840398		
Carbamazepine	237.1 -> 193...	7/31/2018 2:37 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.974	9184149		
Chlordiazepoxide	300.1 -> 227...	7/31/2018 2:37 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.453	3463988		
Sufentanil	387.2 -> 238...	7/31/2018 2:37 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.080	4734879		
Desipramine	267.2 -> 72.3	7/31/2018 2:37 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.153	116867...		
Doxepin	280.2 -> 107...	7/31/2018 2:37 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	5.948	1165321		
Estazolam	295.1 -> 267...	7/31/2018 2:37 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.271	4022704		
Flunitrazepam	314.1 -> 268...	7/31/2018 2:37 PM	6.329	11789	3212.70		314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.309	234351		
Flurazepam	388.2 -> 315...	7/31/2018 2:37 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.695	4186889		
Imipramine	281.2 -> 86.2	7/31/2018 2:37 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.171	7128259		
Levamisole	205.1 -> 91.2	7/31/2018 2:37 PM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	4.902	170366		
Maprotiline	278.2 -> 91.2	7/31/2018 2:37 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.361	2201091		
MDA	180.1 -> 163...	7/31/2018 2:37 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.781	672468		
MDEA	208.1 -> 163...	7/31/2018 2:37 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.063	3381070		
MDMA	194.1 -> 163...	7/31/2018 2:37 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	4.902	170366		
Meperidine	248.2 -> 220...	7/31/2018 2:37 PM					248.2 -> 174...				Meperidine-D4	252.2 -> 224...	5.361	2201091		
Methylphenidate	234.2 -> 84.2	7/31/2018 2:37 PM	5.264	5415	Infinity		234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.361	2201091		
Midazolam	326.1 -> 223...	7/31/2018 2:37 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.409	3269744		
Normeperidine	234.1 -> 42.3	7/31/2018 2:37 PM					234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.384	2407103		
Nortriptyline	264.2 -> 91.2	7/31/2018 2:37 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.196	2854163		
Phenazepam	349.0 -> 206...	7/31/2018 2:37 PM	6.325	8162	92.76		349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.385	62528		
Phencyclidine	244.2 -> 86.2	7/31/2018 2:37 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.667	3814170		
Phenylethylamine	253.1 -> 104...	7/31/2018 2:37 PM					253.1 -> 182...				Phenylethylamine-D10	263.2 -> 192...	5.869	73175		
Pseudoephedrine	166.1 -> 148...	7/31/2018 2:37 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.298	3917946		
Tapentadol	222.2 -> 107...	7/31/2018 2:37 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.203	3942429		
Zaleplon	306.1 -> 236...	7/31/2018 2:37 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.107	1639431		
Zopiclone	389.1 -> 244...	7/31/2018 2:37 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.695	4186889		