

AM 7 central data available upon request.

TS

8/27/2018

TS

Worklist: 2653

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2018-3504	1	121143	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3520	1	121170	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3547	1	121325	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3556	1	121362	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3556	2	121366	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3556	3	121370	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3558	1	121378	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3592	1	121736	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-3859	2	123162	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2007	4	122038	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2113	1	122659	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2117	1	122812	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2118	1	122815	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2123	1	122823	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2164	1	123167	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2183	1	123304	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2229	1	123654	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2265	1	123849	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2276	1	123881	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2284	1	123987	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2286	1	123991	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2294	1	124003	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2300	2	124020	AM 25 Blood Multi-Drug Screen by LC-QQQ	

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Worklist: 2653

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
P2018-2314	1	124182	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-2319	6	124229	AM 25 Blood Multi-Drug Screen by LC-QQQ



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

Extraction Date: 08/21/18
Plate lot#: 0515207

Analyst: Tamara Salazar
Plate Expiration: 10/18/18

Mobile phase A: 10mM Amm Form
0.5M Ammonium Hydroxide
Blank Blood Lot: 361331-1
LCMS-QQQ ID: 59740

Mobile phase B: 0.1% Formic Acid in MeOH
Ethyl Acetate LC Methanol
Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

Pre-Analytic:

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

Analytic:

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

Post-Analytic

- 1. Open quantitation software and create a new quantitation batch.
Batch Name: *P1 082118 MDS TS worklist 2653*
P2 082118 MDS TS worklist 2653
Worklist path: C:\MassHunter\Data\2018\MDS\082118 MDS TS
- 2. Make necessary changes to integration limits
- 3. Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. > 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

reconstituted and reinjected

COMMENTS: Calibrator, negative control, external control, and case sample M2018-3504-1 were **reinjecte**d due to retention time shifts and the internal standard peak for some compounds was cutting off. Due to internal stand peaks cutting off and retention time shifts, morphine was not evaluated.

Carisoprodol not evaluated due to low response. - TS

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Idaho State Police Forensic Services

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

Analyst: Tamara Salazar
Extraction Date: 08/21/18
Worklist Number: 2653

<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	09/29/18	03/29/18		
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		01/30/17		
Ammonium Acetate (HPLC)	096256A		06/18/18		
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)	081318		08/13/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	082118		08/21/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	081518		08/15/18		

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		

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Blood External Control Solution (Lot: WS042618)

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: 081318)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	181370
Prepared:	08/13/18	
Prepared By:	Sarah Pickle	

0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 082118)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	08/21/18	
Prepared By:	Tamara Salazar	

Needle Rinse (75% LCMS MeOH in LCMS Water)(Lot: ~~0801518~~)

081518

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<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	181370
Prepared:	08/15/18	
Prepared By:	Sarah Pickle	

Compound Method		p1 cal 1a			p1 cal 1a Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method			ISTD Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	Name	Transition	RT	Resp.	
6-MAM	328.2 -> 165...	8/21/2018 1:37 PM	4.548	8588	17.11	328.2 -> 211...	2398	832.16	334.2 -> 165...	4.527	159888	6-MAM-D6	334.2 -> 165...	4.527	6-MAM-D6	334.2 -> 165...	4.527	159888	
7-Aminoclonazepam	286.1 -> 121...	8/21/2018 1:37 PM	5.285	187097	17.54	286.1 -> 222...	53457	6281.81	290.1 -> 121...	5.262	719631	7-Aminoclonazepam...	290.1 -> 121...	5.262	7-Aminoclonazepam...	290.1 -> 121...	5.262	719631	
Benzoylcegonine	290.1 -> 168...	8/21/2018 1:37 PM	5.120	80145	319.44	290.1 -> 105...	37568	18.22	298.2 -> 171...	5.099	16775	Benzoylcegonine-D8	298.2 -> 171...	5.099	Benzoylcegonine-D8	298.2 -> 171...	5.099	16775	
a-hydroxylprazolam	325.1 -> 297...	8/21/2018 1:37 PM	6.236	50882	5477.96	325.1 -> 215...	8663	1804.55	330.1 -> 302...	6.256	239926	a-hydroxylprazolam...	330.1 -> 302...	6.256	a-hydroxylprazolam...	330.1 -> 302...	6.256	239926	
alpha-PVP	232.2 -> 91.0	8/21/2018 1:37 PM	5.191	429544	348.91	232.2 -> 77.1	2402...	757.52	240.2 -> 91.1	5.189	3350935	alpha-PVP-d8	240.2 -> 91.1	5.189	alpha-PVP-d8	240.2 -> 91.1	5.189	3350935	
Alprazolam	309.1 -> 281...	8/21/2018 1:37 PM	6.342	557669	4404.59	309.1 -> 205...	1648...	Infinity	314.1 -> 286...	6.341	2886356	Alprazolam-D5	314.1 -> 286...	6.341	Alprazolam-D5	314.1 -> 286...	6.341	2886356	
Amphetamine	136.1 -> 91.1	8/21/2018 1:37 PM	4.446	438164	13.29	136.1 -> 119...	2058...	Infinity	147.2 -> 130...	4.385	527859	Amphetamine-D11	147.2 -> 130...	4.385	Amphetamine-D11	147.2 -> 130...	4.385	527859	
Cocaine	304.2 -> 182...	8/21/2018 1:37 PM	5.259	762735	171211.99	304.2 -> 105...	1065...	18110.97	307.2 -> 185...	5.258	2678402	Cocaine-D3	307.2 -> 185...	5.258	Cocaine-D3	307.2 -> 185...	5.258	2678402	
Bupropion	240.1 -> 184...	8/21/2018 1:37 PM	5.393	270474	23136.04	240.1 -> 131...	4002...	128668...	249.2 -> 185...	5.393	383137	Bupropion-D9	249.2 -> 185...	5.393	Bupropion-D9	249.2 -> 185...	5.393	383137	
Carisoprodol	261.2 -> 176...	8/21/2018 1:37 PM	5.943	7347	1842.02	261.2 -> 55.3	2446...	71.56	268.2 -> 183...	5.962	266921	Carisoprodol-D7	268.2 -> 183...	5.962	Carisoprodol-D7	268.2 -> 183...	5.962	266921	
Citalopram	325.2 -> 109...	8/21/2018 1:37 PM	5.747	865039	19114.46	325.2 -> 262...	1550...	17724.76	331.2 -> 109...	5.746	1590572	Citalopram-D6	331.2 -> 109...	5.746	Citalopram-D6	331.2 -> 109...	5.746	1590572	
Clonazepam	316.1 -> 269...	8/21/2018 1:37 PM	6.218	112605	7885.03	316.1 -> 213...	11635	2169.62	320.1 -> 217...	6.217	105158	Clonazepam-D4	320.1 -> 217...	6.217	Clonazepam-D4	320.1 -> 217...	6.217	105158	
Codeine	300.2 -> 215...	8/21/2018 1:37 PM	4.391	50831	Infinity	300.2 -> 165...	53614	Infinity	306.2 -> 218...	4.367	244519	Codeine-D6	306.2 -> 218...	4.367	Codeine-D6	306.2 -> 218...	4.367	244519	
Cyclobenzaprine	276.2 -> 214...	8/21/2018 1:37 PM	6.001	269808	87703.97	276.2 -> 231...	1590...	38552.76	279.2 -> 215...	6.000	1797067	Cyclobenzaprine-D3	279.2 -> 215...	6.000	Cyclobenzaprine-D3	279.2 -> 215...	6.000	1797067	
Dextromethorphan	272.2 -> 171...	8/21/2018 1:37 PM	5.737	402017	18228.38	272.2 -> 147...	4006...	41578.62	275.2 -> 171...	5.736	1052580	Dextromethorphan-D3	275.2 -> 171...	5.736	Dextromethorphan-D3	275.2 -> 171...	5.736	1052580	
Dextropropriphan	258.2 -> 157...	8/21/2018 1:37 PM	5.086	532457	80435.96	258.2 -> 133...	3021...	617.60	261.2 -> 157...	5.066	3085580	Dextropropriphan-D3	261.2 -> 157...	5.066	Dextropropriphan-D3	261.2 -> 157...	5.066	3085580	
Diazepam	285.1 -> 193...	8/21/2018 1:37 PM	6.589	245383	Infinity	285.1 -> 153...	3879...	320.07	290.1 -> 198...	6.588	1126016	Diazepam-D5	290.1 -> 198...	6.588	Diazepam-D5	290.1 -> 198...	6.588	1126016	
Dihydrocodeine	302.2 -> 198...	8/21/2018 1:37 PM	4.349	121709	53271.37	302.2 -> 128...	1399...	810.47	308.2 -> 202...	4.327	817746	Dihydrocodeine-D6	308.2 -> 202...	4.327	Dihydrocodeine-D6	308.2 -> 202...	4.327	817746	
Diphenhydramine	256.2 -> 167...	8/21/2018 1:37 PM	5.699	498162	Infinity	256.2 -> 152...	3275...	4064.14	259.2 -> 167...	5.699	5427846	Diphenhydramine-D3	259.2 -> 167...	5.699	Diphenhydramine-D3	259.2 -> 167...	5.699	5427846	
Doxylamine	271.2 -> 182...	8/21/2018 1:37 PM	5.205	13025...	112.22	271.2 -> 167...	9702...	99.19	276.2 -> 187...	5.185	6274356	Doxylamine-D5	276.2 -> 187...	5.185	Doxylamine-D5	276.2 -> 187...	5.185	6274356	
EDDP	279.2 -> 235...	8/21/2018 1:37 PM	5.735	13378...	207040.39	279.2 -> 250...	6174...	93759.86	282.2 -> 235...	5.735	634871	EDDP-D3	282.2 -> 235...	5.735	EDDP-D3	282.2 -> 235...	5.735	634871	
Fentanyl	337.2 -> 105...	8/21/2018 1:37 PM	5.685	37112	5856.84	337.2 -> 188...	15213	39.54	342.3 -> 105...	5.664	4668214	Fentanyl-D5	342.3 -> 105...	5.664	Fentanyl-D5	342.3 -> 105...	5.664	4668214	
Fluoxetine	310.1 -> 44.3	8/21/2018 1:37 PM	6.015	15351...	189.21	310.1 -> 148...	27155	4793.99	316.2 -> 44.3	5.994	7071553	Fluoxetine-D6	316.2 -> 44.3	5.994	Fluoxetine-D6	316.2 -> 44.3	5.994	7071553	
Hydrocodone	300.2 -> 198...	8/21/2018 1:37 PM	4.613	120119	5.59	300.2 -> 128...	1253...	Infinity	306.2 -> 202...	4.610	909291	Hydrocodone-D6	306.2 -> 202...	4.610	Hydrocodone-D6	306.2 -> 202...	4.610	909291	
Hydromorphone	286.2 -> 184...	8/21/2018 1:37 PM	3.894	120371	Infinity	286.2 -> 157...	1267...	Infinity	292.2 -> 185...	3.911	514888	Hydromorphone-D6	292.2 -> 185...	3.911	Hydromorphone-D6	292.2 -> 185...	3.911	514888	
Ketamine	238.1 -> 125...	8/21/2018 1:37 PM	5.008	673738	214236.32	238.1 -> 220...	1231...	624.92	242.1 -> 129...	5.007	2465148	Ketamine-D4	242.1 -> 129...	5.007	Ketamine-D4	242.1 -> 129...	5.007	2465148	
Metoprolol	268.2 -> 116...	8/21/2018 1:37 PM	5.145	104805	814.67	268.2 -> 56.3	1681...	24318.76	268.2 -> 183...	5.962	266921	Metoprolol-D7	268.2 -> 183...	5.962	Metoprolol-D7	268.2 -> 183...	5.962	266921	
Mirtazapine	266.2 -> 195...	8/21/2018 1:37 PM	5.329	789094	95704.59	266.2 -> 72.3	4885...	96844.71	268.2 -> 165...	5.415	52384	Carisoprodol-D7	268.2 -> 165...	5.415	Carisoprodol-D7	268.2 -> 165...	5.415	52384	
Meprobamate	219.1 -> 158...	8/21/2018 1:37 PM	5.416	89473	3.76	219.1 -> 97.1	31350	Infinity	226.2 -> 183...	5.962	266921	Meprobamate-D7	226.2 -> 183...	5.962	Meprobamate-D7	226.2 -> 183...	5.962	266921	
Methadone	310.2 -> 265...	8/21/2018 1:37 PM	6.035	881040	134939.28	310.2 -> 105...	5409...	83067.14	319.3 -> 268...	6.034	3134866	Methadone-D9	319.3 -> 268...	6.034	Methadone-D9	319.3 -> 268...	6.034	3134866	
Methamphetamine	150.1 -> 91.1	8/21/2018 1:37 PM	4.606	322618	4.03	150.1 -> 119...	5204	1.18	161.2 -> 97.1	4.586	877046	Methamphetamine-D...	161.2 -> 97.1	4.586	Methamphetamine-D...	161.2 -> 97.1	4.586	877046	
Morphine	286.2 -> 201...	8/21/2018 1:37 PM	3.534	11026	2.02	286.2 -> 165...	5204	1.18	292.2 -> 152...	3.511	9956	Morphine-D6	292.2 -> 152...	3.511	Morphine-D6	292.2 -> 152...	3.511	9956	
Norbuprenorphine	414.3 -> 101...	8/21/2018 1:37 PM	5.499	18579	3748.20	414.3 -> 57.3	15108	4818.52	417.3 -> 101...	5.499	51752	Norbuprenorphine-D3	417.3 -> 101...	5.499	Norbuprenorphine-D3	417.3 -> 101...	5.499	51752	
Nordiazepam	271.1 -> 140...	8/21/2018 1:37 PM	6.430	142746	23765.81	271.1 -> 208...	29408	4670.15	276.1 -> 140...	6.429	423432	Nordiazepam-D5	276.1 -> 140...	6.429	Nordiazepam-D5	276.1 -> 140...	6.429	423432	
Norfentanyl	233.2 -> 84.2	8/21/2018 1:37 PM	5.008	962660	370956.37	233.2 -> 55.3	3247...	Infinity	238.2 -> 84.2	4.987	5023851	Norfentanyl-D5	238.2 -> 84.2	4.987	Norfentanyl-D5	238.2 -> 84.2	4.987	5023851	
Northydrocodone	286.2 -> 199...	8/21/2018 1:37 PM	4.596	23241	51.99	286.2 -> 171...	7734	1253.94	289.2 -> 202...	4.596	377922	Northydrocodone-D3	289.2 -> 202...	4.596	Northydrocodone-D3	289.2 -> 202...	4.596	377922	
Noroxycodone	302.1 -> 284...	8/21/2018 1:37 PM	4.552	155252	Infinity	302.1 -> 186...	22388	3.41	305.2 -> 287...	4.530	987941	Noroxycodone-D3	305.2 -> 287...	4.530	Noroxycodone-D3	305.2 -> 287...	4.530	987941	
O-desmethyl-tramadol	250.2 -> 58.3	8/21/2018 1:37 PM	4.562	15562...	63.10	250.2 -> 42.3	45853	18.68	256.2 -> 64.3	4.561	5947424	O-desmethyl-tramad...	256.2 -> 64.3	4.561	O-desmethyl-tramad...	256.2 -> 64.3	4.561	5947424	
Oxazepam	287.1 -> 240...	8/21/2018 1:37 PM	6.264	37495	7304.73	287.1 -> 268...	52872	0.82	322.2 -> 304...	6.263	282899	Oxazepam-D5	322.2 -> 304...	6.263	Oxazepam-D5	322.2 -> 304...	6.263	282899	
Oxycodone	316.2 -> 298...	8/21/2018 1:37 PM	4.569	443395	21.68	316.2 -> 241...	93282	124.50	305.2 -> 287...	4.549	1583758	Oxycodone-D6	305.2 -> 287...	4.549	Oxycodone-D6	305.2 -> 287...	4.549	1583758	
Oxymorphone	302.1 -> 284...	8/21/2018 1:37 PM	3.689	52393	17.61	302.1 -> 227...			155.2 -> 96.2	3.665	275375	Oxymorphone-D3	155.2 -> 96.2	3.665	Oxymorphone-D3	155.2 -> 96.2	3.665	275375	
Phentermine	150.1 -> 65.2	8/21/2018 1:37 PM	4.808	89736	1.84	150.1 -> 133...			288.2 -> 89.2	4.767	1438012	Phentermine-D5	288.2 -> 89.2	4.767	Phentermine-D5	288.2 -> 89.2	4.767	1438012	
Promethazine	285.1 -> 86.2	8/21/2018 1:37 PM				285.1 -> 71.3						Promethazine-D3			Promethazine-D3				
Quetiapine	384.2 -> 253...	8/21/2018 1:37 PM	5.888	890773	685.16	384.2 -> 221...	3828...	36.87	392.2 -> 226...	5.867	998955	Quetiapine-D8	392.2 -> 226...	5.867	Quetiapine-D8	392.2 -> 226...	5.867	998955	
Serrraline	306.1 -> 158...	8/21/2018 1:37 PM	6.221	657171	Infinity	306.1 -> 275...	4334...	111.42	309.1 -> 275...	6.219	2237582	Serrraline-D3	309.1 -> 275...	6.219	Serrraline-D3	309.1 -> 275...	6.219	2237582	
Temazepam																			

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Compound Method	p1 cal 1a			p1 cal 1a Results			Qualifier 1 M...			Qualifier 1 Results			ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.		
Venlafaxine	278.2 -> 58.3	8/21/2018 1:37 PM	5.491	14575...	54.79	☐	278.2 -> 260...	1678...	29046.08	☐	Venlafaxine-D6	284.2 -> 64.3	5.490	5803313		
Zolpidem	308.2 -> 235...	8/21/2018 1:37 PM	5.443	170402	Infinity	☐	308.2 -> 263...	1036...	13.19	☐	Zolpidem-D6	314.2 -> 235...	5.872	11679		
Mirtazapine	399.2 -> 174...	8/21/2018 1:37 PM	5.785	262862	460.23	☐	399.2 -> 238...	27763	3294.58	☐	Quetiapine-D8	392.2 -> 226...	5.867	998955		

*Calibrator re injected due to retention time shifts and internal standard
Peaks cutting off in some compounds - TS

B

Compound Method	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Qualifier 1 M...	Qualifier 1 Results	ISTD Method	ISTD Results			
Trazodone	372.2 -> 176...	8/22/2018 9:49 AM	5.891	918576	36250.83	<input type="checkbox"/>	372.2 -> 148...	7593...	84769...	378.2 -> 182...	5.891	24551...	
Venlafaxine	278.2 -> 58.3	8/22/2018 9:49 AM	5.514	13694...	155.06	<input type="checkbox"/>	278.2 -> 260...	1281...	12068...	284.2 -> 64.3	5.514	29530...	
Zolpidem	308.2 -> 235...	8/22/2018 9:49 AM	5.549	809752	85119.37	<input type="checkbox"/>	308.2 -> 263...	2717...	1272.75	Zolpidem-D6	314.2 -> 235...	5.528	65708...

*Carisoprodol and Morphine not evaluated -TS

TS

Compound Method		p1 negative		p1 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	RT	Resp.		
6-MAM	328.2 -> 165...	8/21/2018 1:56 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.548	200727		
7-Aminoclonazepam	286.1 -> 121...	8/21/2018 1:56 PM					286.1 -> 222...				7-Aminoclonazepam-...	290.1 -> 121...	5.282	839066		
Benzoylcegonine	290.1 -> 168...	8/21/2018 1:56 PM					290.1 -> 105...				Benzoylcegonine-D8	298.2 -> 171...	5.119	22974		
a-hydroxypiprazolam	325.1 -> 297...	8/21/2018 1:56 PM					325.1 -> 215...				a-hydroxypiprazolam-...	330.1 -> 302...	6.256	304629		
alpha-PVP	232.2 -> 91.0	8/21/2018 1:56 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.189	4256412		
Alprazolam	309.1 -> 281...	8/21/2018 1:56 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.341	3479695		
Amphetamine	136.1 -> 91.1	8/21/2018 1:56 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.385	659407		
Cocaine	304.2 -> 182...	8/21/2018 1:56 PM	5.238	3568	1043.46		304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.258	3342150		
Bupropion	240.1 -> 184...	8/21/2018 1:56 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.393	448756		
Carisoprodol	261.2 -> 176...	8/21/2018 1:56 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.941	401659		
Citalopram	325.2 -> 109...	8/21/2018 1:56 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.746	2073251		
Clonazepam	316.1 -> 269...	8/21/2018 1:56 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.217	114642		
Codeine	300.2 -> 215...	8/21/2018 1:56 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.367	300338		
Cyclobenzaprine	276.2 -> 214...	8/21/2018 1:56 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.000	2418338		
Dextromethorphan	272.2 -> 171...	8/21/2018 1:56 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	5.736	1400053		
Dextrorphan	258.2 -> 157...	8/21/2018 1:56 PM					258.2 -> 133...				Dextrorphan-D3	261.2 -> 157...	5.066	3957511		
Diazepam	285.1 -> 193...	8/21/2018 1:56 PM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.588	1382539		
Dihydrocodeine	302.2 -> 198...	8/21/2018 1:56 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.347	967464		
Diphenhydramine	256.2 -> 167...	8/21/2018 1:56 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.699	6922725		
Doxylamine	271.2 -> 182...	8/21/2018 1:56 PM	5.245	12824	35.25		271.2 -> 161...	10334	88.97		Doxylamine-D5	276.2 -> 187...	5.205	8059401		
EDDP	279.2 -> 235...	8/21/2018 1:56 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.735	824516		
Fentanyl	337.2 -> 105...	8/21/2018 1:56 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.664	5750594		
Fluoxetine	310.1 -> 44.3	8/21/2018 1:56 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	5.994	9405097		
Hydrocodone	300.2 -> 198...	8/21/2018 1:56 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.610	1322156		
Hydromorphone	286.2 -> 184...	8/21/2018 1:56 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	3.892	711776		
Ketamine	238.1 -> 125...	8/21/2018 1:56 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.007	2933840		
Metoprolol	268.2 -> 116...	8/21/2018 1:56 PM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...	5.941	401659		
Mirtazapine	266.2 -> 195...	8/21/2018 1:56 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.941	401659		
Meproamate	219.1 -> 158...	8/21/2018 1:56 PM					219.1 -> 97.1				Meproamate-D7	226.2 -> 165...	5.415	46669		
Methadone	310.2 -> 265...	8/21/2018 1:56 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.034	4003373		
Methamphetamine	150.1 -> 91.1	8/21/2018 1:56 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	4.586	1357722		
Morphine	286.2 -> 201...	8/21/2018 1:56 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	3.531	11254		
Norbuprenorphine	414.3 -> 101...	8/21/2018 1:56 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.499	58603		
Nordiazepam	271.1 -> 140...	8/21/2018 1:56 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.429	571480		
Norfentanyl	233.2 -> 84.2	8/21/2018 1:56 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	4.987	6049898		
Norhydrocodone	286.2 -> 199...	8/21/2018 1:56 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.596	461229		
Noroxycodone	302.1 -> 284...	8/21/2018 1:56 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.530	1219035		
O-desmethyl-tramadol	250.2 -> 58.3	8/21/2018 1:56 PM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.561	6942269		
Oxazepam	287.1 -> 240...	8/21/2018 1:56 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.263	399599		
Oxycodone	316.2 -> 298...	8/21/2018 1:56 PM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	4.549	1908953		
Oxymorphone	302.1 -> 284...	8/21/2018 1:56 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	3.685	492786		
Phentermine	150.1 -> 65.2	8/21/2018 1:56 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	4.767	1903885		
Promethazine	285.1 -> 86.2	8/21/2018 1:56 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.366	1606		
Quetiapine	384.2 -> 253...	8/21/2018 1:56 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	5.867	1249134		
Serrraline	306.1 -> 158...	8/21/2018 1:56 PM					306.1 -> 275...				Serrraline-D3	309.1 -> 275...	6.219	2912864		
Temazepam	301.1 -> 255...	8/21/2018 1:56 PM	6.283	11053	2733.06		301.1 -> 283...	1575...	Infini...		Temazepam-D5	306.1 -> 260...	6.405	4015841		
Tramadol	264.2 -> 58.3	8/21/2018 1:56 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.105	112246...		
Trazodone	372.2 -> 176...	8/21/2018 1:56 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	5.745	3790069		

Compound Method	Transition	Acq. Date-Time	RT	Resp.	S/N	ML	Qualifier:1.M...	Transition	Area	S/N	MI	ISTD Method	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/21/2018 1:56 PM				<input type="checkbox"/>	278.2 -> 260...				<input type="checkbox"/>	Venlafaxine-D6	284.2 -> 64.3	5.490	7369787
Zolpidem	308.2 -> 235...	8/21/2018 1:56 PM				<input type="checkbox"/>	308.2 -> 263...				<input type="checkbox"/>	Zolpidem-D6	314.2 -> 235...	5.872	26380
Mirtazapine	399.2 -> 174...	8/21/2018 1:56 PM				<input type="checkbox"/>	399.2 -> 238...				<input type="checkbox"/>	Quetiapine-D8	392.2 -> 226...	5.867	1249134

* Negative control re-injected due to retention time shifts and internal standard peaks cutting off on some compounds - TS

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Compound Method						p1 negative_reinject						p1 negative_reinject Results						ISTD Method					
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	MI	Transition	RT	Resp.					
6-MAM	328.2 -> 165...	8/22/2018 10:08 AM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.590	161485									
7-aminoclonazepam	286.1 -> 121...	8/22/2018 10:08 AM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.305	290426									
Benzoylcegonine	290.1 -> 168...	8/22/2018 10:08 AM					290.1 -> 105...				Benzoylcegonine-D8	298.2 -> 171...	5.102	16554									
a-hydroxylprazolam	325.1 -> 297...	8/22/2018 10:08 AM					325.1 -> 215...				a-hydroxylprazolam-D5	330.1 -> 302...	6.238	344983									
alpha-PVP	232.2 -> 91.0	8/22/2018 10:08 AM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.232	34659...									
Alprazolam	309.1 -> 281...	8/22/2018 10:08 AM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.343	27559...									
Amphetamine	136.1 -> 91.1	8/22/2018 10:08 AM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.447	592795									
Cocaine	304.2 -> 182...	8/22/2018 10:08 AM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.282	26688...									
Bupropion	240.1 -> 184...	8/22/2018 10:08 AM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.416	116667									
Carisoprodol	261.2 -> 176...	8/22/2018 10:08 AM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.944	296475									
Citalopram	325.2 -> 109...	8/22/2018 10:08 AM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.790	17150...									
Clonazepam	316.1 -> 269...	8/22/2018 10:08 AM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.199	102074									
Codeine	300.2 -> 215...	8/22/2018 10:08 AM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.431	244293									
Cyclobenzaprine	276.2 -> 214...	8/22/2018 10:08 AM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.043	20999...									
Dextromethorphan	272.2 -> 171...	8/22/2018 10:08 AM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	5.780	11310...									
Dextroprphan	258.2 -> 157...	8/22/2018 10:08 AM					258.2 -> 133...				Dextroprphan-D3	261.2 -> 157...	5.109	31100...									
Diazepam	285.1 -> 193...	8/22/2018 10:08 AM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.591	13611...									
Dihydrocodeine	302.2 -> 198...	8/22/2018 10:08 AM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.389	866437									
Diphenhydramine	256.2 -> 167...	8/22/2018 10:08 AM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.742	57812...									
Doxylamine	271.2 -> 182...	8/22/2018 10:08 AM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.330	73875...									
EDDP	279.2 -> 235...	8/22/2018 10:08 AM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.779	691826									
Fentanyl	337.2 -> 105...	8/22/2018 10:08 AM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.727	54454...									
Fluoxetine	310.1 -> 44.3	8/22/2018 10:08 AM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.037	82508...									
Hydrocodone	300.2 -> 198...	8/22/2018 10:08 AM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.673	12017...									
Hydromorphone	286.2 -> 184...	8/22/2018 10:08 AM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	3.993	604086									
Ketamine	238.1 -> 125...	8/22/2018 10:08 AM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.050	27433...									
Metoprolol	268.2 -> 116...	8/22/2018 10:08 AM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...	5.944	296475									
Mirtazapine	266.2 -> 195...	8/22/2018 10:08 AM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.944	296475									
Meprobamate	219.1 -> 158...	8/22/2018 10:08 AM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.418	44490									
Methadone	310.2 -> 265...	8/22/2018 10:08 AM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.057	38339...									
Methamphetamine	150.1 -> 91.1	8/22/2018 10:08 AM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	4.628	17397...									
Morphine	286.2 -> 201...	8/22/2018 10:08 AM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	3.595	51652									
Norbuprenorphine	414.3 -> 101...	8/22/2018 10:08 AM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.563	40267									
Nordiazepam	271.1 -> 140...	8/22/2018 10:08 AM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.432	450991									
Norfentanyl	233.2 -> 84.2	8/22/2018 10:08 AM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.030	53239...									
Norhydrocodone	286.2 -> 199...	8/22/2018 10:08 AM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.638	410647									
Noroxycodone	302.1 -> 284...	8/22/2018 10:08 AM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.572	936400									
O-desmethyl-tramadol	250.2 -> 58.3	8/22/2018 10:08 AM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.604	51213...									
Oxazepam	287.1 -> 240...	8/22/2018 10:08 AM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.265	343609									
Oxycodone	316.2 -> 298...	8/22/2018 10:08 AM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	4.591	15139...									
Oxymorphone	302.1 -> 284...	8/22/2018 10:08 AM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	3.767	554237									
Phentermine	150.1 -> 65.2	8/22/2018 10:08 AM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	4.810	17560...									
Promethazine	285.1 -> 86.2	8/22/2018 10:08 AM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.021	43586...									
Quetiapine	384.2 -> 253...	8/22/2018 10:08 AM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	5.930	12860...									
Serrraline	306.1 -> 158...	8/22/2018 10:08 AM					306.1 -> 275...				Serrraline-D3	309.1 -> 275...	6.283	28061...									
Temazepam	301.1 -> 255...	8/22/2018 10:08 AM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.407	34538...									
Tramadol	264.2 -> 58.3	8/22/2018 10:08 AM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.147	98280...									
Trazodone	372.2 -> 176...	8/22/2018 10:08 AM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	5.891	30082...									

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Compound Method	p1 negative_reinject				p1 negative_reinject Results				ISTD Method				ISTD Results		
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Qualifier 1 M...	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/22/2018 10:08 AM				<input type="checkbox"/>	278.2 -> 260..				<input type="checkbox"/>	Venlafaxine-D6	284.2 -> 64.3	5.514	36733...
Zolpidem	308.2 -> 235...	8/22/2018 10:08 AM				<input type="checkbox"/>	308.2 -> 263..				<input type="checkbox"/>	Zolpidem-D6	314.2 -> 235..	5.528	80892...
Mirtagynine	399.2 -> 174...	8/22/2018 10:08 AM				<input type="checkbox"/>	399.2 -> 238...				<input type="checkbox"/>	Quetiapine-D8	392.2 -> 226..	5.930	12860...

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.	S/N	MI	Name	Transition	RT	Resp.	S/N	MI	Name	Transition	RT	Resp.	S/N	MI	Name	Transition	RT	Resp.									
6-MAM	328.2 -> 165...	8/21/2018 2:16 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.548	161819			6-MAM-D6	334.2 -> 165...	4.548	161819			6-MAM-D6	334.2 -> 165...	4.548	161819			6-MAM-D6	334.2 -> 165...	4.548	161819									
7-Aminoclonazepam	286.1 -> 121...	8/21/2018 2:16 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.282	736535			7-Aminoclonazepam-D4	290.1 -> 121...	5.282	736535			7-Aminoclonazepam-D4	290.1 -> 121...	5.282	736535			7-Aminoclonazepam-D4	290.1 -> 121...	5.282	736535									
a-hydroxylprazolam	325.1 -> 297...	8/21/2018 2:16 PM					325.1 -> 215...				a-hydroxylprazolam-D5	330.1 -> 302...	6.256	261707			a-hydroxylprazolam-D5	330.1 -> 302...	6.256	261707			a-hydroxylprazolam-D5	330.1 -> 302...	6.256	261707			a-hydroxylprazolam-D5	330.1 -> 302...	6.256	261707									
alpha-PVP	232.2 -> 91.0	8/21/2018 2:16 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.189	35786...			alpha-PVP-d8	240.2 -> 91.1	5.189	35786...			alpha-PVP-d8	240.2 -> 91.1	5.189	35786...			alpha-PVP-d8	240.2 -> 91.1	5.189	35786...									
Alprazolam	309.1 -> 281...	8/21/2018 2:16 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.341	29424...			Alprazolam-D5	314.1 -> 286...	6.341	29424...			Alprazolam-D5	314.1 -> 286...	6.341	29424...			Alprazolam-D5	314.1 -> 286...	6.341	29424...									
Amphetamine	136.1 -> 91.1	8/21/2018 2:16 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.405	554572			Amphetamine-D11	147.2 -> 130...	4.405	554572			Amphetamine-D11	147.2 -> 130...	4.405	554572			Amphetamine-D11	147.2 -> 130...	4.405	554572									
Benzylcgonine	290.1 -> 168...	8/21/2018 2:16 PM					290.1 -> 105...				Benzylcgonine-D8	298.2 -> 171...	5.099	20179			Benzylcgonine-D8	298.2 -> 171...	5.099	20179			Benzylcgonine-D8	298.2 -> 171...	5.099	20179			Benzylcgonine-D8	298.2 -> 171...	5.099	20179									
Bupropion	240.1 -> 184...	8/21/2018 2:16 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.393	437115			Bupropion-D9	249.2 -> 185...	5.393	437115			Bupropion-D9	249.2 -> 185...	5.393	437115			Bupropion-D9	249.2 -> 185...	5.393	437115									
Carisoprodol	261.2 -> 176...	8/21/2018 2:16 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.962	259550			Carisoprodol-D7	268.2 -> 183...	5.962	259550			Carisoprodol-D7	268.2 -> 183...	5.962	259550			Carisoprodol-D7	268.2 -> 183...	5.962	259550									
Citalopram	325.2 -> 109...	8/21/2018 2:16 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.767	17697...			Citalopram-D6	331.2 -> 109...	5.767	17697...			Citalopram-D6	331.2 -> 109...	5.767	17697...			Citalopram-D6	331.2 -> 109...	5.767	17697...									
Clonazepam	316.1 -> 269...	8/21/2018 2:16 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.197	111131			Clonazepam-D4	320.1 -> 217...	6.197	111131			Clonazepam-D4	320.1 -> 217...	6.197	111131			Clonazepam-D4	320.1 -> 217...	6.197	111131									
Cocaine	304.2 -> 182...	8/21/2018 2:16 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.258	28376...			Cocaine-D3	307.2 -> 185...	5.258	28376...			Cocaine-D3	307.2 -> 185...	5.258	28376...			Cocaine-D3	307.2 -> 185...	5.258	28376...									
Codeine	300.2 -> 215...	8/21/2018 2:16 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.367	264203			Codeine-D6	306.2 -> 218...	4.367	264203			Codeine-D6	306.2 -> 218...	4.367	264203			Codeine-D6	306.2 -> 218...	4.367	264203									
Cyclobenzaprine	276.2 -> 214...	8/21/2018 2:16 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.000	18920...			Cyclobenzaprine-D3	279.2 -> 215...	6.000	18920...			Cyclobenzaprine-D3	279.2 -> 215...	6.000	18920...			Cyclobenzaprine-D3	279.2 -> 215...	6.000	18920...									
Dextromethorphan	272.2 -> 171...	8/21/2018 2:16 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	5.736	11454...			Dextromethorphan-D3	275.2 -> 171...	5.736	11454...			Dextromethorphan-D3	275.2 -> 171...	5.736	11454...			Dextromethorphan-D3	275.2 -> 171...	5.736	11454...									
Dextropropriphan	258.2 -> 157...	8/21/2018 2:16 PM					258.2 -> 133...				Dextropropriphan-D3	261.2 -> 157...	5.086	31897...			Dextropropriphan-D3	261.2 -> 157...	5.086	31897...			Dextropropriphan-D3	261.2 -> 157...	5.086	31897...			Dextropropriphan-D3	261.2 -> 157...	5.086	31897...									
Diazepam	285.1 -> 193...	8/21/2018 2:16 PM	6.589	33714...	6231...		285.1 -> 153...	52296...	11303...		Diazepam-D5	290.1 -> 198...	6.588	11332...			Diazepam-D5	290.1 -> 198...	6.588	11332...			Diazepam-D5	290.1 -> 198...	6.588	11332...			Diazepam-D5	290.1 -> 198...	6.588	11332...									
Dihydrocodeine	302.2 -> 198...	8/21/2018 2:16 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.347	837590			Dihydrocodeine-D6	308.2 -> 202...	4.347	837590			Dihydrocodeine-D6	308.2 -> 202...	4.347	837590			Dihydrocodeine-D6	308.2 -> 202...	4.347	837590									
Diphenhydramine	256.2 -> 167...	8/21/2018 2:16 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.699	58288...			Diphenhydramine-D3	259.2 -> 167...	5.699	58288...			Diphenhydramine-D3	259.2 -> 167...	5.699	58288...			Diphenhydramine-D3	259.2 -> 167...	5.699	58288...									
Doxylamine	271.2 -> 182...	8/21/2018 2:16 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.205	69425...			Doxylamine-D5	276.2 -> 187...	5.205	69425...			Doxylamine-D5	276.2 -> 187...	5.205	69425...			Doxylamine-D5	276.2 -> 187...	5.205	69425...									
EDDP	279.2 -> 235...	8/21/2018 2:16 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.735	657669			EDDP-D3	282.2 -> 235...	5.735	657669			EDDP-D3	282.2 -> 235...	5.735	657669			EDDP-D3	282.2 -> 235...	5.735	657669									
Fentanyl	337.2 -> 105...	8/21/2018 2:16 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.664	48741...			Fentanyl-D5	342.3 -> 105...	5.664	48741...			Fentanyl-D5	342.3 -> 105...	5.664	48741...			Fentanyl-D5	342.3 -> 105...	5.664	48741...									
Fluoxetine	310.1 -> 44.3	8/21/2018 2:16 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.014	74083...			Fluoxetine-D6	316.2 -> 44.3	6.014	74083...			Fluoxetine-D6	316.2 -> 44.3	6.014	74083...			Fluoxetine-D6	316.2 -> 44.3	6.014	74083...									
Hydrocodone	300.2 -> 198...	8/21/2018 2:16 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.610	11588...			Hydrocodone-D6	306.2 -> 202...	4.610	11588...			Hydrocodone-D6	306.2 -> 202...	4.610	11588...			Hydrocodone-D6	306.2 -> 202...	4.610	11588...									
Hydromorphone	286.2 -> 184...	8/21/2018 2:16 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	3.911	543621			Hydromorphone-D6	292.2 -> 185...	3.911	543621			Hydromorphone-D6	292.2 -> 185...	3.911	543621			Hydromorphone-D6	292.2 -> 185...	3.911	543621									
Ketamine	238.1 -> 125...	8/21/2018 2:16 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.007	26700...			Ketamine-D4	242.1 -> 129...	5.007	26700...			Ketamine-D4	242.1 -> 129...	5.007	26700...			Ketamine-D4	242.1 -> 129...	5.007	26700...									
Meprobamate	219.1 -> 158...	8/21/2018 2:16 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.415	58655			Meprobamate-D7	226.2 -> 165...	5.415	58655			Meprobamate-D7	226.2 -> 165...	5.415	58655			Meprobamate-D7	226.2 -> 165...	5.415	58655									
Methadone	310.2 -> 265...	8/21/2018 2:16 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.034	33797...			Methadone-D9	319.3 -> 268...	6.034	33797...			Methadone-D9	319.3 -> 268...	6.034	33797...			Methadone-D9	319.3 -> 268...	6.034	33797...									
Methamphetamine	150.1 -> 91.1	8/21/2018 2:16 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	4.586	13015...			Methamphetamine-D11	161.2 -> 97.1	4.586	13015...			Methamphetamine-D11	161.2 -> 97.1	4.586	13015...			Methamphetamine-D11	161.2 -> 97.1	4.586	13015...									
Metoprolol	268.2 -> 116...	8/21/2018 2:16 PM	5.145	18674...	6011...		268.2 -> 56.3	21498...	445.59		Carisoprodol-D7	268.2 -> 183...	5.962	259550			Carisoprodol-D7	268.2 -> 183...	5.962	259550			Carisoprodol-D7	268.2 -> 183...	5.962	259550			Carisoprodol-D7	268.2 -> 183...	5.962	259550									
Miltazapine	266.2 -> 195...	8/21/2018 2:16 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.962	259550			Carisoprodol-D7	268.2 -> 183...	5.962	259550			Carisoprodol-D7	268.2 -> 183...	5.962	259550			Carisoprodol-D7	268.2 -> 183...	5.962	259550									
Miltazapine	399.2 -> 174...	8/21/2018 2:16 PM					399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	5.867	10853...			Quetiapine-D8	392.2 -> 226...	5.867	10853...			Quetiapine-D8	392.2 -> 226...	5.867	10853...			Quetiapine-D8	392.2 -> 226...	5.867	10853...									
Morphine	286.2 -> 201...	8/21/2018 2:16 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	3.511	10161			Morphine-D6	292.2 -> 152...	3.511	10161			Morphine-D6	292.2 -> 152...	3.511	10161			Morphine-D6	292.2 -> 152...	3.511	10161									
Norbuprenorphine	414.3 -> 101...	8/21/2018 2:16 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.499	58045			Norbuprenorphine-D3	417.3 -> 101...	5.499	58045			Norbuprenorphine-D3	417.3 -> 101...	5.499</																

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Compound Method	p1 external control	p1 external control Results	Qualifier 1, M...	Qualifier 1 Results	ISTD Method	ISTD Results					
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Qualifier 1 Results	Name	Transition	RT	Resp.
Trazodone	372.2 -> 176...	8/21/2018 2:16 PM						Trazodone-D6	378.2 -> 182...	5.745	29571...
Venlafaxine	278.2 -> 58.3	8/21/2018 2:16 PM						Venlafaxine-D6	284.2 -> 64.3	5.490	61267...
Zolpidem	308.2 -> 235...	8/21/2018 2:16 PM						Zolpidem-D6	314.2 -> 235...		

*Control reingested due to retention time shifts and the internal standard
Peak cutting off in some compounds - D

B

Compound Method			p1 external control_L...	p1 external control_reinject...			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...	8/22/2018 10:27 AM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	4.590	150551			
7-Aminoclonazepam	286.1 -> 121...	8/22/2018 10:27 AM					286.1 -> 222...				7-Aminoclonazepam-...	290.1 -> 121...	5.326	226585			
Benzoylcegonine	290.1 -> 168...	8/22/2018 10:27 AM					290.1 -> 105...				Benzoylcegonine-D8	298.2 -> 171...	5.123	13113			
a-hydroxylprazolam	325.1 -> 297...	8/22/2018 10:27 AM					325.1 -> 215...				a-hydroxylprazolam-...	330.1 -> 302...	6.238	243056			
alpha-PVP	232.2 -> 91.0	8/22/2018 10:27 AM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.232	28513...			
Alprazolam	309.1 -> 281...	8/22/2018 10:27 AM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.343	21685...			
Amphetamine	136.1 -> 91.1	8/22/2018 10:27 AM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.447	515067			
Cocaine	304.2 -> 182...	8/22/2018 10:27 AM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.282	21656...			
Bupropion	240.1 -> 184...	8/22/2018 10:27 AM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.436	178637			
Carisoprodol	261.2 -> 176...	8/22/2018 10:27 AM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.944	210379			
Citalopram	325.2 -> 109...	8/22/2018 10:27 AM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	5.790	14203...			
Clonazepam	316.1 -> 269...	8/22/2018 10:27 AM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.199	88755			
Codeine	300.2 -> 215...	8/22/2018 10:27 AM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	4.431	198838			
Cyclobenzaprine	276.2 -> 214...	8/22/2018 10:27 AM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.043	16574...			
Dextromethorphan	272.2 -> 171...	8/22/2018 10:27 AM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	5.780	929664			
Dextropropfan	258.2 -> 157...	8/22/2018 10:27 AM					258.2 -> 133...				Dextropropfan-D3	261.2 -> 157...	5.109	24194...			
Diazepam	285.1 -> 193...	8/22/2018 10:27 AM	6.592	31723...	Infinity	285.1 -> 153...	48110...	914.76			Diazepam-D5	290.1 -> 198...	6.591	978428			
Dihydrocodeine	302.2 -> 198...	8/22/2018 10:27 AM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.389	692382			
Diphenhydramine	256.2 -> 167...	8/22/2018 10:27 AM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	5.742	46624...			
Doxylamine	271.2 -> 182...	8/22/2018 10:27 AM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.330	61111...			
EDDP	279.2 -> 235...	8/22/2018 10:27 AM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	5.779	323743			
Fentanyl	337.2 -> 105...	8/22/2018 10:27 AM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	5.727	42081...			
Fluoxetine	310.1 -> 44.3	8/22/2018 10:27 AM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.037	64918...			
Hydrocodone	300.2 -> 198...	8/22/2018 10:27 AM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	4.673	975401			
Hydromorphone	286.2 -> 184...	8/22/2018 10:27 AM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	3.993	467225			
Ketamine	238.1 -> 125...	8/22/2018 10:27 AM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.050	22771...			
Metoprolol	268.2 -> 116...	8/22/2018 10:27 AM	5.168	18779...	44487...	268.2 -> 56.3	20363...	4679...			Carisoprodol-D7	268.2 -> 183...	5.944	210379			
Mirtazapine	266.2 -> 195...	8/22/2018 10:27 AM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.944	210379			
Meprobamate	219.1 -> 158...	8/22/2018 10:27 AM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.398	37784			
Methadone	310.2 -> 265...	8/22/2018 10:27 AM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.077	29845...			
Methamphetamine	150.1 -> 91.1	8/22/2018 10:27 AM					150.1 -> 119...				Methamphetamine-D...	161.2 -> 97.1	4.628	13128...			
Morphine	286.2 -> 201...	8/22/2018 10:27 AM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	3.553	69777			
Norbuprenorphine	414.3 -> 101...	8/22/2018 10:27 AM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.543	28540			
Nordiazepam	271.1 -> 140...	8/22/2018 10:27 AM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.432	404608			
Norfentanyl	233.2 -> 84.2	8/22/2018 10:27 AM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.030	42475...			
Norhydrocodone	286.2 -> 199...	8/22/2018 10:27 AM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	4.638	329294			
Noroxycodone	302.1 -> 284...	8/22/2018 10:27 AM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.572	774842			
O-desmethyl-tramadol	250.2 -> 58.3	8/22/2018 10:27 AM					250.2 -> 42.3				O-desmethyl-tramado...	256.2 -> 64.3	4.604	42184...			
Oxazepam	287.1 -> 240...	8/22/2018 10:27 AM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.265	230192			
Oxycodone	316.2 -> 298...	8/22/2018 10:27 AM	4.611	39301...	123.66	316.2 -> 241...	862979	40.19			Oxycodone-D6	322.2 -> 304...	4.591	13886...			
Oxymorphone	302.1 -> 284...	8/22/2018 10:27 AM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	3.767	447531			
Phentermine	150.1 -> 65.2	8/22/2018 10:27 AM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	4.810	14690...			
Promethazine	285.1 -> 86.2	8/22/2018 10:27 AM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.021	33199...			
Quetiapine	384.2 -> 253...	8/22/2018 10:27 AM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	5.930	874045			
Serrtraline	306.1 -> 158...	8/22/2018 10:27 AM					306.1 -> 275...				Serrtraline-D3	309.1 -> 275...	6.263	20229...			
Temazepam	301.1 -> 255...	8/22/2018 10:27 AM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.407	28183...			
Tramadol	264.2 -> 58.3	8/22/2018 10:27 AM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.147	81269...			
Trazodone	372.2 -> 176...	8/22/2018 10:27 AM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	5.911	23434...			

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Compound Method	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Qualifier 1 M...	Qualifier 1 Results	ISTD Method	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	8/22/2018 10:27 AM				<input type="checkbox"/>	278.2 -> 260...		Venlafaxine-D6	284.2 -> 64.3	5.514	28597...
Zolpidem	308.2 -> 235...	8/22/2018 10:27 AM				<input type="checkbox"/>	308.2 -> 263...		Zolpidem-D6	314.2 -> 235...	5.528	68321...
Mirtazapine	399.2 -> 174...	8/22/2018 10:27 AM				<input type="checkbox"/>	399.2 -> 238...		Quetiapine-D8	392.2 -> 226...	5.930	874045

B

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...	8/21/2018 1:47 PM	5.500	510242	26.75	284.1 -> 93.2	44030	13295...	7-aminoflunitrazepam-...	291.2 -> 138...	5.479	2666003		
alpha-hydroxymidazolam	342.1 -> 324...	8/21/2018 1:47 PM	6.103	285680	186.07	342.1 -> 203...	196435	66302...	alpha-hydroxymidazola...	346.1 -> 328...	6.102	2380315		
Amtriptyline	278.2 -> 91.2	8/21/2018 1:47 PM	6.071	999090	25.44	278.2 -> 105...	382735	Infinity	Amtriptyline-D3	281.2 -> 91.2	6.070	2578546		
Acetyl Fentanyl	323.2 -> 105...	8/21/2018 1:47 PM	5.455	52679	33170...	323.2 -> 188...	38637	521.02	Acetyl Fentanyl-D5	328.2 -> 105...	5.454	7104734		
Acetyl Norfentanyl	219.1 -> 84.2	8/21/2018 1:47 PM	4.531	51062	32574...	219.1 -> 56.3	16612	18.22	Acetyl Norfentanyl-D5	224.2 -> 84.2	4.508	3067739		
Carbamazepine	237.1 -> 193...	8/21/2018 1:47 PM	5.996	228175	28.03	237.1 -> 194...	12958	41.66	Carbamazepine-13C6	243.1 -> 200...	5.974	8808450		
Chlordiazepoxide	300.1 -> 227...	8/21/2018 1:47 PM	6.148	125453	604.47	300.1 -> 282...	200964	18.87	Chlordiazepoxide-D5	305.1 -> 286...	6.127	2776801		
Sulfentanil	387.2 -> 238...	8/21/2018 1:47 PM	5.899	67014	11117...	387.2 -> 111...	31761	6403.46	Sulfentanil-D5	392.2 -> 238...	5.898	4150169		
Desipramine	267.2 -> 72.3	8/21/2018 1:47 PM	6.032	13916...	264.61	267.2 -> 44.3	589421	Infinity	Desipramine-D3	270.2 -> 75.3	6.031	9256271		
Doxepin	280.2 -> 107...	8/21/2018 1:47 PM	5.826	515686	106.23	280.2 -> 77.2	126231	37.35	Doxepin-D3	283.2 -> 107...	5.805	1137469		
Estazolam	295.1 -> 267...	8/21/2018 1:47 PM	6.272	524960	71878...	295.1 -> 205...	264388	55548...	Estazolam-D5	300.1 -> 272...	6.271	3903746		
Flunitrazepam	314.1 -> 268...	8/21/2018 1:47 PM	6.329	600831	378.97	314.1 -> 239...	165886	946.90	Flunitrazepam-D7	321.1 -> 245...	6.309	237656		
Flurazepam	388.2 -> 315...	8/21/2018 1:47 PM	5.777	720471	25332...	388.2 -> 317...	111517	23415...	Zopiclone-D4	393.1 -> 244...	5.392	716094		
Imipramine	281.2 -> 86.2	8/21/2018 1:47 PM	6.029	14489...	Infinity	281.2 -> 58.3	716146	Infinity	Imipramine-D3	284.2 -> 61.3	6.028	5276759		
Levamisole	205.1 -> 91.2	8/21/2018 1:47 PM	4.556	265054	19.39	205.1 -> 178...	249175	74.54	MDMA-D6	200.2 -> 166...	4.740	185030		
Maprotiline	278.2 -> 91.2	8/21/2018 1:47 PM	5.745	658291	87.90	278.2 -> 117...	8882	2481.40	Meperidine-D4	252.2 -> 224...	5.279	2296282		
MDA	180.1 -> 163...	8/21/2018 1:47 PM	4.640	176277	96.08	180.1 -> 105...	87672	7.32	MDA-D5	185.1 -> 168...	4.619	771279		
MDEA	208.1 -> 163...	8/21/2018 1:47 PM	4.921	788809	86.40	208.1 -> 105...	377302	49.47	MDEA-D6	214.2 -> 166...	4.920	3652639		
MDMA	194.1 -> 163...	8/21/2018 1:47 PM	4.760	413155	36.86	194.1 -> 105...	221503	13.44	MDMA-D6	200.2 -> 166...	4.740	185030		
Meperidine	248.2 -> 220...	8/21/2018 1:47 PM	5.280	323709	12047...	248.2 -> 174...	247087	266.91	Meperidine-D4	252.2 -> 224...	5.279	2296282		
Methylphenidate	234.2 -> 84.2	8/21/2018 1:47 PM	5.202	17337...	Infinity	234.2 -> 56.3	376981	Infinity	Meperidine-D4	252.2 -> 224...	5.279	2296282		
Midazolam	326.1 -> 223...	8/21/2018 1:47 PM	5.881	93977	35073...	326.1 -> 249...	170079	40055...	Midazolam-D4	330.1 -> 295...	5.881	1949086		
Normeperidine	234.1 -> 42.3	8/21/2018 1:47 PM	5.305	376603	57.67	234.1 -> 160...	335230	1085.19	Normeperidine-D4	238.2 -> 164...	5.303	2549324		
Nortriptyline	264.2 -> 91.2	8/21/2018 1:47 PM	5.991	20159...	Infinity	264.2 -> 233...	16373...	Infinity	Nortriptyline-D3	267.2 -> 233...	6.072	1222298		
Phenazepam	349.0 -> 206...	8/21/2018 1:47 PM	6.386	149419	45510...	349.0 -> 183...	132815	464.23	Phenazepam-D4	353.0 -> 183...	6.385	67221		
Phencyclidine	244.2 -> 86.2	8/21/2018 1:47 PM	5.587	448888	6530...	244.2 -> 91.1	495336	119.35	Phencyclidine-D5	249.2 -> 86.2	5.586	3693617		
Phenytoln	253.1 -> 104...	8/21/2018 1:47 PM	5.911	15837	54.58	253.1 -> 182...	5140	34.50	Phenytoln-D10	263.2 -> 192...	5.869	69291		
Pseudoephedrine	166.1 -> 148...	8/21/2018 1:47 PM	4.200	59193...	139.80	166.1 -> 133...	12570...	63.33	Pseudoephedrine-D3	169.1 -> 151...	4.198	2828187		
Tapentadol	222.2 -> 107...	8/21/2018 1:47 PM	5.143	767670	75.70	222.2 -> 121...	397152	276.65	Tapentadol-D3	225.2 -> 107...	5.142	4086494		
Zaleplon	306.1 -> 236...	8/21/2018 1:47 PM	6.107	480164	86.32	306.1 -> 264...	524429	5235.34	Zaleplon-D4	310.2 -> 240...	6.107	1868687		
Zopiclone	389.1 -> 244...	8/21/2018 1:47 PM	5.412	72710	2484...	389.1 -> 216...	17849	37.48	Zopiclone-D4	393.1 -> 244...	5.392	716094		

Wol:brabr rejected due to retention time shifts. -TS

Compound Method		p2 cal 1b_reinject	p2 cal 1b_reinject 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.	Name	Transition	RT	Resp.
7-aminoflunitrazepam	284.1 -> 135...	8/22/2018 9:58 AM	5.541	192416	3327...		284.1 -> 93.2	15961	4243...		7-aminoflunitrazepam...	291.2 -> 138...	5.521	841046				
alpha-hydroxymidazol...	342.1 -> 324...	8/22/2018 9:58 AM	6.286	292384	Infinity		342.1 -> 203...	184128	664.22		alpha-hydroxymidazo...	346.1 -> 328...	6.265	2343764				
Amtripyline	278.2 -> 91.2	8/22/2018 9:58 AM	6.133	916244	Infinity		278.2 -> 105...	353266	11419...		Amtripyline-D3	281.2 -> 91.2	6.132	2570296				
Acetyl Fentanyl	323.2 -> 105...	8/22/2018 9:58 AM	5.517	51597	8097...		323.2 -> 188...	25595	110.10		Acetyl Fentanyl-D5	328.2 -> 105...	5.516	333051				
Acetyl Norfentanyl	219.1 -> 84.2	8/22/2018 9:58 AM	4.554	375593	259.58		219.1 -> 56.3	15624	33.02		Acetyl Norfentanyl-D5	224.2 -> 84.2	4.526	2636841				
Carbamazepine	237.1 -> 193...	8/22/2018 9:58 AM	5.977	214546	68883...		237.1 -> 194...	12952...	51.51		Carbamazepine-13C6	243.1 -> 200...	5.976	8613418				
Chlordiazepoxide	300.1 -> 227...	8/22/2018 9:58 AM	6.393	113135	240.54		300.1 -> 282...	140191	507.19		Chlordiazepoxide-D5	305.1 -> 286...	6.392	2559811				
Sulfentanil	387.2 -> 238...	8/22/2018 9:58 AM	5.980	70101	12880...		387.2 -> 111...	35869	8589...		Sulfentanil-D5	392.2 -> 238...	5.959	3796941				
Desipramine	267.2 -> 72.3	8/22/2018 9:58 AM	6.094	13602...	135.28		267.2 -> 44.3	516829	35.42		Desipramine-D3	270.2 -> 75.3	6.094	8957468				
Doxepin	280.2 -> 107...	8/22/2018 9:58 AM	5.868	300717	49392...		280.2 -> 77.2	112994	22728...		Doxepin-D3	283.2 -> 107...	5.867	893916				
Estazolam	295.1 -> 267...	8/22/2018 9:58 AM	6.272	529406	14179...		295.1 -> 205...	257051	72213...		Estazolam-D5	300.1 -> 272...	6.251	3843839				
Flunitrazepam	314.1 -> 268...	8/22/2018 9:58 AM	6.329	502470	357.93		314.1 -> 239...	130780	358.23		Flunitrazepam-D7	321.1 -> 245...	6.309	217775				
Furazepam	388.2 -> 315...	8/22/2018 9:58 AM	5.818	724051	17799...		388.2 -> 317...	90066	20341...		Zopiclone-D4	393.1 -> 244...	5.493	606489				
Imipramine	281.2 -> 86.2	8/22/2018 9:58 AM	6.091	14129...	17544...		281.2 -> 58.3	672387	39.94		Imipramine-D3	284.2 -> 61.3	6.090	5209934				
Levamisole	205.1 -> 91.2	8/22/2018 9:58 AM	4.637	158720	15.76		205.1 -> 178...	158324	7.17		MDMA-D6	200.2 -> 166...	4.821	157945				
Maprotiline	278.2 -> 91.2	8/22/2018 9:58 AM	5.766	628998	Infinity		278.2 -> 117...	4308	42.67		MDMA-D5	185.1 -> 168...	4.680	620923				
MDA	180.1 -> 163...	8/22/2018 9:58 AM	4.701	157456	34.19		180.1 -> 105...	72072	9.35		MDA-D6	214.2 -> 166...	4.982	3215130				
MDEA	208.1 -> 163...	8/22/2018 9:58 AM	5.002	679606	18.64		208.1 -> 105...	313525	57.18		MDMA-D6	200.2 -> 166...	4.821	157945				
MDMA	194.1 -> 163...	8/22/2018 9:58 AM	4.821	362341	231.85		194.1 -> 105...	185148	13.19		MDMA-D6	200.2 -> 166...	4.821	157945				
Meperidine	248.2 -> 220...	8/22/2018 9:58 AM	5.301	282714	674.01		248.2 -> 174...	227585	218.75		Meperidine-D4	252.2 -> 224...	5.321	1954268				
Methylphenidate	234.2 -> 84.2	8/22/2018 9:58 AM	5.243	15469...	Infinity		234.2 -> 56.3	323869	Infinity		Meperidine-D4	252.2 -> 224...	5.321	1954268				
Midazolam	326.1 -> 223...	8/22/2018 9:58 AM	6.227	131444	31500...		326.1 -> 249...	181693	37667...		Midazolam-D4	330.1 -> 295...	6.206	2562614				
Normeperidine	234.1 -> 42.3	8/22/2018 9:58 AM	5.347	337902	109.31		234.1 -> 160...	268957	14081...		Normeperidine-D4	238.2 -> 164...	5.324	2263465				
Notriptyline	264.2 -> 91.2	8/22/2018 9:58 AM	6.054	20941...	Infinity		264.2 -> 233...	18346...	113.39		Notriptyline-D3	267.2 -> 233...	6.134	2060350				
Phenazepam	349.0 -> 206...	8/22/2018 9:58 AM	6.386	133051	27112...		349.0 -> 183...	121297	325.03		Phenazepam-D4	353.0 -> 183...	6.386	48463				
Phencyclidine	244.2 -> 86.2	8/22/2018 9:58 AM	5.629	355010	46.33		244.2 -> 91.1	373205	26.70		Phencyclidine-D5	249.2 -> 86.2	5.608	2888770				
Phenytol	253.1 -> 104...	8/22/2018 9:58 AM	5.892	5670	72.95		253.1 -> 182...	1829	Infinity		Phenytol-D10	263.2 -> 192...	5.871	77428				
Pseudoephedrine	166.1 -> 148...	8/22/2018 9:58 AM	4.261	73795...	404.33		166.1 -> 133...	16080...	113.68		Pseudoephedrine-D3	169.1 -> 151...	4.239	3356097				
Tapentadol	222.2 -> 107...	8/22/2018 9:58 AM	5.184	683079	588.44		222.2 -> 121...	376359	102.11		Tapentadol-D3	225.2 -> 107...	5.162	3802357				
Zaleplon	306.1 -> 236...	8/22/2018 9:58 AM	6.108	411610	Infinity		306.1 -> 264...	486512	2086...		Zaleplon-D4	310.2 -> 240...	6.107	1602805				
Zopiclone	389.1 -> 244...	8/22/2018 9:58 AM	5.514	32665	14777...		389.1 -> 216...	12928	4478...		Zopiclone-D4	393.1 -> 244...	5.493	606489				

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Compound Method		p2 negative			p2 negative Results			Qualifier 1 M...			Qualifier 1 R...			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...	8/21/2018 2:06 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.479	3288571				
Acetyl Fentanyl	323.2 -> 105...	8/21/2018 2:06 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.454	8738048				
Acetyl Norfentanyl	219.1 -> 84.2	8/21/2018 2:06 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.508	3639500				
alpha-hydroxymidazolam	342.1 -> 324...	8/21/2018 2:06 PM					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328...	6.102	2948201				
Amiripylone	278.2 -> 91.2	8/21/2018 2:06 PM					278.2 -> 105...				Amiripylone-D3	281.2 -> 91.2	6.070	3277694				
Carbamazepine	237.1 -> 193...	8/21/2018 2:06 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.994	111072...				
Chlordiazepoxide	300.1 -> 227...	8/21/2018 2:06 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.148	3772218				
Desipramine	267.2 -> 72.3	8/21/2018 2:06 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.052	121872...				
Doxepin	280.2 -> 107...	8/21/2018 2:06 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	5.805	1449439				
Estazolam	295.1 -> 267...	8/21/2018 2:06 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.271	5069638				
Flunitrazepam	314.1 -> 268...	8/21/2018 2:06 PM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.329	310649				
Flurazepam	388.2 -> 315...	8/21/2018 2:06 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.382	1077764				
Imipramine	281.2 -> 86.2	8/21/2018 2:06 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.049	6502004				
Levamisole	205.1 -> 91.2	8/21/2018 2:06 PM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	4.760	225396				
Maprotiline	278.2 -> 91.2	8/21/2018 2:06 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.279	2762829				
MDA	180.1 -> 163...	8/21/2018 2:06 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.639	917983				
MDEA	208.1 -> 163...	8/21/2018 2:06 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	4.920	4678622				
MDMA	194.1 -> 163...	8/21/2018 2:06 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	4.760	225396				
Meperidine	248.2 -> 220...	8/21/2018 2:06 PM					248.2 -> 174...				Meperidine-D4	252.2 -> 224...	5.279	2762829				
Methylphenidate	234.2 -> 84.2	8/21/2018 2:06 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.279	2762829				
Midazolam	326.1 -> 223...	8/21/2018 2:06 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	5.881	2549199				
Normeperidine	234.1 -> 42.3	8/21/2018 2:06 PM					234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.303	3093682				
Nortriptyline	264.2 -> 91.2	8/21/2018 2:06 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.072	1532686				
Phenazepam	349.0 -> 206...	8/21/2018 2:06 PM	6.122	11463	75.22		349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.385	88191				
Phencyclidine	244.2 -> 86.2	8/21/2018 2:06 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.586	4700604				
Phenylethanol	253.1 -> 104...	8/21/2018 2:06 PM					253.1 -> 182...				Phenylethanol-D10	263.2 -> 192...	5.869	90886				
Pseudoephedrine	166.1 -> 148...	8/21/2018 2:06 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.218	3452663				
Sufentanil	387.2 -> 238...	8/21/2018 2:06 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	5.898	5287129				
Tapentadol	222.2 -> 107...	8/21/2018 2:06 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.142	5009355				
Zaleplon	306.1 -> 236...	8/21/2018 2:06 PM					306.1 -> 264...				Tapentadol-D4	310.2 -> 240...	6.107	2313871				
Zopiclone	389.1 -> 244...	8/21/2018 2:06 PM	5.412	5222	225.00		389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.392	1077764				

* Negative reimported due to retention time shifts. -75

Compound Method				p2 negative_reinject				p2 negative_reinject Results				ISTD Method				ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Qualifier 1 M...	Area	S/N	MI	Name	Transition	RT	Resp.			
7-aminoflunitrazepam	284.1 -> 135...	8/22/2018 10:18 AM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.521	1124349			
Acetyl Fentanyl	323.2 -> 105...	8/22/2018 10:18 AM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.516	6892065			
Acetyl Norfentanyl	219.1 -> 84.2	8/22/2018 10:18 AM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.552	3097864			
alpha-hydroxymidazolam...	342.1 -> 324...	8/22/2018 10:18 AM					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328...	6.265	237261			
Amiripylone-D3	278.2 -> 105...	8/22/2018 10:18 AM					278.2 -> 105...				Amiripylone-D3	281.2 -> 91.2	6.132	3248282			
Carbamazepine	237.1 -> 193...	8/22/2018 10:18 AM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.976	104120...			
Chlordiazepoxide	300.1 -> 227...	8/22/2018 10:18 AM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.392	3535337			
Desipramine	267.2 -> 72.3	8/22/2018 10:18 AM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.094	117340...			
Doxepin	280.2 -> 107...	8/22/2018 10:18 AM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	5.867	1137998			
Estazolam	295.1 -> 267...	8/22/2018 10:18 AM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.251	4593729			
Flunitrazepam	314.1 -> 268...	8/22/2018 10:18 AM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.309	257349			
Flurazepam	388.2 -> 315...	8/22/2018 10:18 AM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.493	855698			
Imipramine	281.2 -> 86.2	8/22/2018 10:18 AM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.090	6442485			
Levamisole	205.1 -> 91.2	8/22/2018 10:18 AM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	4.800	193685			
Maprotiline	278.2 -> 91.2	8/22/2018 10:18 AM					278.2 -> 117...				Meperidine-D4	252.2 -> 168...	5.301	2508073			
MDA	180.1 -> 163...	8/22/2018 10:18 AM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.680	764881			
MDEA	208.1 -> 163...	8/22/2018 10:18 AM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	4.982	3925472			
MDMA	194.1 -> 163...	8/22/2018 10:18 AM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	4.800	193685			
Meperidine	248.2 -> 220...	8/22/2018 10:18 AM					248.2 -> 174...				Meperidine-D4	252.2 -> 224...	5.301	2508073			
Methylphenidate	234.2 -> 84.2	8/22/2018 10:18 AM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.301	2508073			
Midazolam	326.1 -> 223...	8/22/2018 10:18 AM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.206	3037561			
Normeperidine	234.1 -> 42.3	8/22/2018 10:18 AM					234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.324	2845620			
Nortriptyline	264.2 -> 91.2	8/22/2018 10:18 AM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.134	3220740			
Phenazepam	349.0 -> 206...	8/22/2018 10:18 AM	6.244	6953	20...		349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.365	70634			
Phencyclidine	244.2 -> 86.2	8/22/2018 10:18 AM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.608	3753019			
Phenytol	253.1 -> 104...	8/22/2018 10:18 AM					253.1 -> 182...				Phenytol-D10	263.2 -> 192...	5.850	65491			
Pseudoephedrine	166.1 -> 148...	8/22/2018 10:18 AM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.259	3991515			
Sufentanil	387.2 -> 238...	8/22/2018 10:18 AM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	5.959	5012626			
Tapentadol	222.2 -> 107...	8/22/2018 10:18 AM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.162	4692186			
Zaleplon	306.1 -> 236...	8/22/2018 10:18 AM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.107	2125371			
Zopiclone	389.1 -> 244...	8/22/2018 10:18 AM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.493	855698			

B

Compound Method	p2 external control	p2 external control Results	Qualifier 1 M...	Qualifier 1 Results	ISTD Method	ISTD Results								
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
7-aminoflunitrazepam	284.1 -> 135...	8/21/2018 2:25 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.500	28588...
Acetyl Fentanyl	323.2 -> 105...	8/21/2018 2:25 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.454	73657...
Acetyl Norfentanyl	219.1 -> 84.2	8/21/2018 2:25 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.508	30575...
alpha-hydroxymidazolam	342.1 -> 324...	8/21/2018 2:25 PM					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328...	6.123	24933...
Amitriptyline	278.2 -> 91.2	8/21/2018 2:25 PM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.070	26795...
Carbamazepine	237.1 -> 193...	8/21/2018 2:25 PM					300.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.994	93957...
Chlordiazepoxide	300.1 -> 227...	8/21/2018 2:25 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.169	32344...
Desipramine	267.2 -> 72.3	8/21/2018 2:25 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.052	98925...
Doxepin	280.2 -> 107...	8/21/2018 2:25 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	5.826	12169...
Estazolam	295.1 -> 267...	8/21/2018 2:25 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.271	40150...
Flunitrazepam	314.1 -> 268...	8/21/2018 2:25 PM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.329	273800
Flurazepam	388.2 -> 315...	8/21/2018 2:25 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.412	856787
Imipramine	281.2 -> 86.2	8/21/2018 2:25 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.049	56352...
Levamisole	205.1 -> 91.2	8/21/2018 2:25 PM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	4.760	177745
Maprotiline	278.2 -> 91.2	8/21/2018 2:25 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.279	21801...
MDA	180.1 -> 163...	8/21/2018 2:25 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.619	795970
MDEA	208.1 -> 163...	8/21/2018 2:25 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	4.920	377077
MDMA	194.1 -> 163...	8/21/2018 2:25 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	4.760	177745
Meperidine	248.2 -> 220...	8/21/2018 2:25 PM	5.280	46582...	136.66		248.2 -> 174...	37882...	228.68		Meperidine-D4	252.2 -> 224...	5.279	21801...
Methylphenidate	234.2 -> 84.2	8/21/2018 2:25 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.279	21801...
Midazolam	326.1 -> 223...	8/21/2018 2:25 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	5.901	20915...
Normeperidine	234.1 -> 42.3	8/21/2018 2:25 PM	4.999	69144	35.16		234.1 -> 160...	8156	37.23		Normeperidine-D4	238.2 -> 164...	5.303	25362...
Nortriptyline	264.2 -> 91.2	8/21/2018 2:25 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.093	11657...
Phenazepam	349.0 -> 206...	8/21/2018 2:25 PM	6.102	8191	28.62		349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.385	74267
Phencyclidine	244.2 -> 86.2	8/21/2018 2:25 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.586	38763...
Phenytoln	253.1 -> 104...	8/21/2018 2:25 PM					253.1 -> 182...				Phenytoln-D10	263.2 -> 192...	5.869	65521
Pseudoephedrine	166.1 -> 148...	8/21/2018 2:25 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.218	33863...
Sufentanil	387.2 -> 238...	8/21/2018 2:25 PM					387.2 -> 113...				Sufentanil-D5	392.2 -> 238...	5.898	42581...
Tapentadol	222.2 -> 107...	8/21/2018 2:25 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.142	42349...
Zaleplon	306.1 -> 236...	8/21/2018 2:25 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.107	18377...
Zopiclone	389.1 -> 244...	8/21/2018 2:25 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.412	856787

*Control reinserted due to retention time shifts. - TS

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Compound Method	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Qualifier 1 M...	Area	S/N	MI	ISTD Method	Transition	RT	Resp.
7-aminoflunitrazepam	284.1 -> 135...	8/22/2018 10:37 AM					284.1 -> 93.2				7-aminoflunitrazepam-...	291.2 -> 138...	5.521	10399...
Acetyl Fentanyl	323.2 -> 105...	8/22/2018 10:37 AM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	5.517	54619...
Acetyl Norfentanyl	219.1 -> 84.2	8/22/2018 10:37 AM	4.554	1543	58.16		219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.528	25706...
alpha-hydroxymidazola...	342.1 -> 324...	8/22/2018 10:37 AM					342.1 -> 203...				alpha-hydroxymidazola...	346.1 -> 328...	6.265	23197...
Amtripyline	278.2 -> 91.2	8/22/2018 10:37 AM					278.2 -> 105...				Amtripyline-D3	281.2 -> 91.2	6.132	24934...
Carbamazepine	237.1 -> 193...	8/22/2018 10:37 AM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.976	88259...
Chlordiazepoxide	300.1 -> 227...	8/22/2018 10:37 AM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.392	26569...
Desipramine	267.2 -> 72.3	8/22/2018 10:37 AM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.094	90605...
Doxepin	280.2 -> 107...	8/22/2018 10:37 AM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	5.867	907614
Estazolam	295.1 -> 267...	8/22/2018 10:37 AM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.251	37225...
Flunitrazepam	314.1 -> 268...	8/22/2018 10:37 AM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.309	205716
Flurazepam	388.2 -> 315...	8/22/2018 10:37 AM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	5.493	699939
Imipramine	281.2 -> 86.2	8/22/2018 10:37 AM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.090	52958...
Levamisole	205.1 -> 91.2	8/22/2018 10:37 AM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	4.800	146128
Maprotiline	278.2 -> 91.2	8/22/2018 10:37 AM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.301	19507...
MDA	180.1 -> 163...	8/22/2018 10:37 AM					180.1 -> 105...				MDA-D5	185.1 -> 168...	4.782	31245...
MDEA	208.1 -> 163...	8/22/2018 10:37 AM					208.1 -> 105...				MDA-D6	214.2 -> 166...	4.982	31245...
MDMA	194.1 -> 163...	8/22/2018 10:37 AM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	4.800	146128
Meperidine	248.2 -> 220...	8/22/2018 10:37 AM	5.301	41423...	87.11		248.2 -> 174...	33767...	155...		Meperidine-D4	252.2 -> 224...	5.301	19507...
Methylphenidate	234.2 -> 84.2	8/22/2018 10:37 AM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.301	19507...
Midazolam	326.1 -> 223...	8/22/2018 10:37 AM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.206	24559...
Normeperidine	234.1 -> 42.3	8/22/2018 10:37 AM	5.326	10882	5.92		234.1 -> 160...	6650	2492...		Normeperidine-D4	238.2 -> 164...	5.324	21314...
Nortriptyline	264.2 -> 91.2	8/22/2018 10:37 AM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.134	22227...
Phenazepam	349.0 -> 206...	8/22/2018 10:37 AM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.365	53863
Phencyclidine	244.2 -> 86.2	8/22/2018 10:37 AM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.608	30211...
Phenytoln	253.1 -> 104...	8/22/2018 10:37 AM					253.1 -> 182...				Phenytoln-D10	263.2 -> 192...	5.850	62428
Pseudoephedrine	166.1 -> 148...	8/22/2018 10:37 AM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.239	33819...
Sulfentanil	387.2 -> 238...	8/22/2018 10:37 AM					387.2 -> 111...				Sulfentanil-D5	392.2 -> 238...	5.162	36375...
Tapentadol	222.2 -> 107...	8/22/2018 10:37 AM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.162	36375...
Zaleplon	306.1 -> 236...	8/22/2018 10:37 AM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.107	16467...
Zopiclone	389.1 -> 244...	8/22/2018 10:37 AM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	5.493	699939