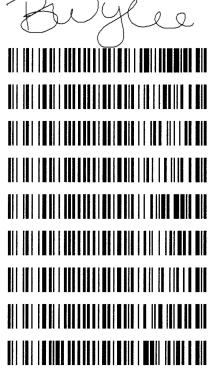
11/20/2017

Wo	rkl	ist:	20	39
***	1 1	131.	~~	-

LAB CASE	<u>ITEM</u>	TASK ID	DESCRIPTION
C2017-1972	1	96362	AM 25/AM 26 Blood MultiDrug/
C2017-2114	1	97556	AM 25/AM 26 Blood MultiDrug/
C2017-2266	1	99429	AM 25/AM 26 Blood MultiDrug/
C2017-2278	1	99510	AM 25/AM 26 Blood MultiDrug/
C2017-2308	1	100062	AM 25/AM 26 Blood MultiDrug/
C2017-2328	1	100166	AM 25/AM 26 Blood MultiDrug/
C2017-2329	1	100168	AM 25/AM 26 Blood MultiDrug/
C2017-2352	1	100259	AM 25/AM 26 Blood MultiDrug/
M2017-5267	2	100232	AM 25/AM 26 Blood MultiDrug/



A

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

Analyst: Anna Nord Extraction Date: 11-20-17 Plate lot#:0515207 Plate Expiration: 10/18/2018 Mobile phase B 0.1% Formic acid in MeOH Mobile phase A: 10mM Ammonium Formate 0.5M Ammonium Hydroxide Ethyl Acetate Blank Blood Lot: 17J20718 Column: Phenomenex Phenyl Hexyl (4.6x50mm: 2.6 um) LCMS-QQQ ID:62340 **Pre-Analytic:** 🖾 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full. 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes. Analytic: 🔯 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature. Σ 2. Pipette 250μL blood (calibrated pipette) Pipette ID: 1926134 in wells of analytical (standards) plate. 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Shaker ID66759 4. Pipette 250μL 0.5M ammonium hydroxide buffer in wells of analytical plate. ☑ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Δ 6. Transfer 300μL of blood+base mixture to corresponding wells of SLE+ plate. ☑ 7. Apply positive pressure for approx. 4 seconds (or until no liquid remains on top of sorbent). (Load at 85-100 PSI- Selector to the right) Manifold ID: 66729 Wait 5 minutes ⊠ 8. Add 900μL ethyl acetate and allow to flow for 5 minutes under gravity. Seconds. (10-15 PSI- Selector to the left) 🖾 10. Add 900μL ethyl acetate and allow to flow for 5 minutes under gravity. In Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left) ☑ 12. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C. SPE Dry ID66819 [Δ] 13. Reconstitute in 100μL 100% MeOH and heat seal plate with foil. Place in autosampler and run worklist. Worklist path: *2061 St 2017 Data 112017 am 25-26 **POST- ANALYTIC** 1. Create batch and process data. 112017 mds PI Batch Name: 112017 mas pa Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. > 1/5 the response of administrative control.

2 4. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

△ 3. Did all QCs pass for each analyte?

Toxicology AM method 25 external prep information

Stock solution 1mg/ml 100 ul each for all except morphine 200 ul in 9400 ul meoh working solution 10000 ng/ml in meoh mirtazapine, amitriptyline, codeine, diphenhydramine, 20000 ng/ml meoh morphine

Ppd 3/31/17 Exp: 3/31/18 lot 92117 by Amn

Drug	lot	expiration
Morphine	fe08141515	11/1/2020
mirtazapine	fe04201503	4/1/2020
amitriptyline	fn07081401	9/1/2019
codeine	fe10271401	11/1/2019
diphenhydramine	fn09161502	9/1/2020

AM 25 control 100 ul working solution (92117) in 9900 ul neg blood

ppd 9-22-17 Exp 12-22-17 Lot 12-22-17	Ppd 6-26-17 Exp 9-26-17 lot 92617 (may be listed as 92117)	ppd 3/21/17 Exp 6/21/17 lot 62117	
neg blood lot 17J20718	neg blood lot 321632-1	neg blood lot 321632-1	
by Amn	by Amn	by Amn	



1703	40161 8552 114408 35894 2548 14040 19639 2523 13587 4 76141 76141 17 934 100268 13715 4 22884	11/20/2017 11:33 AM 5.052 11/20/2017 11:33 AM 4.399 11/20/2017 11:33 AM 5.260 11/20/2017 11:33 AM 5.076 11/20/2017 11:33 AM 5.076 11/20/2017 11:33 AM 5.909 11/20/2017 11:33 AM 5.375 11/20/2017 11:33 AM 5.002 11/20/2017 11:33 AM 5.002 11/20/2017 11:33 AM 4.918 11/20/2017 11:33 AM 4.966 11/20/2017 11:33 AM 6.408 11/20/2017 11:33 AM 5.038	286.2 -> 199 302.1 -> 284 250.2 -> 58.3 250.1 -> 240 316.2 -> 298	Oxazepam Oxycodone
Infinity	40161 8552 114408 35894 2548 14040 19639 2523 13587 4 76141 76141 17 934 100268 13715 4			Oxazepam
1703	40161 8552 114408 35894 2548 14040 38070 19639 2523 13587 4 76141 17 934 100268			O doomonly named
1703	40161 8552 114408 35894 2548 14040 38070 19639 2523 13587 4 76141 17934			O-desmethyl-tramadol
17643 160.06 288.1 → 2722	40161 8552 114408 35894 2548 14040 38070 19639 2523 13587 4 76141 17		\ \ \	Noroxycodone
17643 160.06 288.1 → 222 34.50 7.Aminoclonazepam-D4 5.510 10711 27.30 32.2 → 188	40161 8552 114408 35894 2548 14040 38070 19639 19639 2523 13587 4 76141		2.40 /- 2.002	Norhydrocodone
Infinity 328.2 -> 211. Infinity C-MAN-D6 5.056	40161 8552 114408 35894 2548 14040 38070 19639 19639 13587 4		2222	Norfentanyl
Infinity 328.2 → 211. Infinity C-MAN-D6 5.056 17643 160.06 286.1 → 222 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 323.2 → 188. Infinity Acetyl Fentanyl-D5 5.932 5894 126.55 235.1 → 215 5.31 Artyloxyalprazolam-D5 5.932 68446 43.38 232.2 → 77.1 35.49 alpha-PVP-d8 5.619 2.28004 619.93 309.1 → 205 Infinity Alprazolam-D5 6.486 4.881 5570 164.52 240.1 → 119 5.576 Amphetamine-D11 4.851 5570 164.52 240.1 → 119 5.576 Amphetamine-D11 4.851 11808 273.90 316.1 → 213 22.09 Claolopram-D6 6.127 101650 3327.77 325.2 → 262 80.92 Claolopram-D6 6.127 101650 3327.77 235.2 → 262 80.92 Claolopram-D6 6.127 101650 3327.77 235.2 → 262 80.92 Claolopram-D6 6.127 11908 73.90 316.1 → 213 22.09 Clonazepam-D4 6.322 3925 69.74 300.2 → 165 5.60 Codeine-D6 4.978 64719 Infinity 276.2 → 231 48.55 Cycloberazeprine-D3 6.410 27659 85.87 727.2 → 147 58.8 Dextromethorphan-D3 6.167 12903 42.21 285.1 → 153 36.8 Diazepam-D5 6.172 11981 35.68 302.2 → 152 87.14 Diphenhydramine-D5 5.782 12857 13.90 337.2 → 188 107.8 Fentanyl-D5 6.183 128581 128.10 387.2 → 188 107.8 Fentanyl-D5 5.182 19862 Infinity 286.2 → 152 Infinity Methandone-D6 5.182 19862 Infinity 286.2 → 152 Infinity Hydromorphone-D6 5.182 19863 13.14 300.2 → 128 Infinity Methandone-D9 6.423 19839 134.14 342.2 → 353 Infinity Methandone-D5 5.621 19839 134.14 342.2 → 55.3 Infinity Methandone-D5 5.182 38070 64.94 342.2 → 357 Infinity Methandone-D5 5.183 2523 168.42 144.3 → 57.3 22.54 Norbuprenorphine-D3 5.085	40161 8552 114408 35894 2548 14040 19639 19639		271.1 -> 140	Nordiazepam
Infinity 328.2 → 211. Infinity Aminicolonazepam-D4 5.510 Infinity Acetyl Fentanyl-D5 5.932 Infinity Infinity Acetyl Fentanyl-D5 5.932 Infinity Infinity Infinity Acetyl Fentanyl-D5 5.932 Infinity Infini	40161 8552 114408 35894 2548 14040 38070 19639		414.3 -> 101	Norbuprenorphine
703 Infinity ✓ 328.2 > 211. ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ☐ 286.1 > 222. ☐ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ☐ 323.2 > 188. ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 ☐ 219.1 > 56.3 ☐ 4.130 Acetyl Vorfentanyl-D5 4.999 2 68446 43.38 ☐ 232.2 > 77.1 ☐ 35.49 alpha-PVP-d8 5.619 2 684198 21.59 ☐ 136.1 > 119 ☐ 55.76 Amphetamine-D1 4.851 57670 164.52 ☐ 240.1 > 313 ☐ 28.31 Bupropion-D9 5.823 2 11808 73.90 ☐ 316.1 > 213 ☐ 22.38 Carisoprodol-D7 6.127 2 11808 73.91 ☐ 365.2 ☐ 5.50 Codeine-D6 4.978 11808	40161 8552 114408 35894 2548 14040 38070		342.2 -> 324	Naltrexone
703 Infinity ▼ 328.2 → 211. ▼ Infinity 6-MAM-D6 5.056 17643 160.06 □ 286.1 → 222. □ 34.50 7-Aminoclonazepam-D4 5.510 10711 273.0 □ 323.2 → 188. ▼ Infinity Acetyl Norfentanyl-D5 5.932 6 5884 126.55 □ 219.1 → 56.3 □ 41.30 Acetyl Norfentanyl-D5 6.308 3889 126.55 □ 219.1 → 56.3 □ 41.30 Acetyl Norfentanyl-D5 6.308 664498 21.59 □ 36.1 → 219. □ 35.43 alpha-PVP-d8 5.619 57670 164.52 □ 240.1 → 31. □ 2851. Bupropion-D9 5.823 2 101680 3327.77 □ 325.2 → 262. □ 80.92 Citalopram-D6 6.095 4 11808 7.39 □ 316.1 → 213. □ 2.85 Cordeine-D6 4.978 411808 7.39 <t< td=""><td>40161 8552 114408 35894 35894 14040</td><td></td><td>344.2 -> 326</td><td>Naltrexol</td></t<>	40161 8552 114408 35894 35894 14040		344.2 -> 326	Naltrexol
703 Infinity ✓ 328.2 → 211. ✓ Infinity G.MAM-D6 5.056 17643 160.06 ✓ 286.1 → 222. ✓ A4.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ✓ 323.2 → 188. ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5884 126.55 ✓ 219.1 → 56.3 ✓ Infinity Acetyl Norfentanyl-D5 4.909 2 5884 126.55 ✓ 219.1 → 56.3 ✓ 41.30 Acetyl Norfentanyl-D5 4.909 2 65446 43.38 ✓ 232.2 → 77.1 ✓ 35.49 alpha-PVP-G8 5.619 3 28004 619.93 ✓ 236.2 → 205. Infinity Appracolam-D5 6.886 1 101665 3327.77 335.2 → 262. ✓ 88.92 Citalopram-D6 6.95 4 8.323 2 11808 73.91 Jone 276.2 → 231. ✓ 2200 Citalopram-D6 6.95	40161 8552 114408 35894 2548		328.2 -> 309	Naloxone
703 Infinity ✓ 38.8.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 → 222 ✓ Infinity 6-Aminocionazepam-D4 5.510 10711 27.30 ✓ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 ✓ 2191.3 → 56.3 ✓ Infinity Alexyl Norfentanyl-D5 6.490 2 5894 126.55 ✓ 219.1 ✓ 1.130 Acetyl Norfentanyl-D5 6.380 664198 17.0 325.1 ✓ 1.180 Alpharoclam-D5 6.380 64198 21.59 ✓ 136.1 119 Infinity Alpharoclam-D5 6.486 1 57670 164.52 ✓ 240.1 131 Infinity Alpharoclam-D3 4.851 Appropion-D9 5.823 2 110650 3327.7 325.2 262 7 280.92 Citalopram-D6 6.9	40161 8552 114408 35894		286.2 -> 201	Morphine
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 → 222 ✓ Infinity 6-MAM-D6 5.510 10711 27.30 ✓ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5884 126.55 ✓ 219.1 → 56.3 ✓ Infinity Acetyl Norfentanyl-D5 6.490 2 64198 17.10 325.1 → 215 ✓ 5.31 a-hydroxyalprazolam-D5 6.380 64198 21.59 7 136.1 → 119 5.76 Amphetamine-D11 4.851 57670 164.52 7 240.1 → 131 7 285.1 Bupropion-D9 5.823 2 101650 3327.77 325.2 → 262 ✓ 80.92 Citalopram-D6 6.095 4.978 101650 3327.77 325.2 → 262 ✓ 80.92 Citalopram-D4 6.322 6.095 4.978 101650 3327.7<	40161 8552 114408		150.1 -> 91.1	Methamphetamine
1703	40161 8552	11/20/2017 11:33 AM 6.425	310.2 -> 265	Methadone
703 Infinity ✓ 328.2 -> 211 ✓ Infinity 6.MAM-D6 5.056 17643 160.06 286.1 -> 222 34.50 7-Amlinoclonazepam-D4 5.510 10711 27.30 323.2 -> 188 ✓ Infinity Acetyl Fentanyl-D5 4.909 5894 126.55 219.1 -> 56.3 ✓ 41.30 Acetyl Fentanyl-D5 6.380 3629 17.10 325.1 -> 215 5.31 a-hydroxyalprazolam-D5 6.380 65446 43.38 232.2 -> 77.1 7 35.49 alpha-PVP-d8 5.619 2 464198 21.59 7 136.1 -> 119	40161	11/20/2017 11:33 AM 5.621	219.1 -> 158	Meprobamate
1763		11/20/2017 11:33 AM 5.681	238.1 -> 125	Ketamine
703 Infinity ✓ 338.2 → 211. ✓ Infinity 6-MAM-D6 5.056 17643 160.06 288.1 → 222. ✓ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 323.2 → 188. ✓ Infinity Acetyl Fentanyl-D5 4.909 2 5894 126.55 219.1 → 56.3 ✓ 41.30 Acetyl Norfentanyl-D5 4.909 2 65446 43.38 7.232.2 → 77.1 ✓ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 7.309.1 → 205. ✓ Infinity Alprazolam-D5 6.486 1 64198 21.59 7.136.1 → 119. 7.55.76 Amphetamine-D11 4.851 2.619 3 57670 164.52 7.240.1 → 131. 7.2851. Bupropion-D9 5.823 2 5.23 2 6.127 2 6.095 4 4.851 4.851 4.851 4.851 4.851 4.851 4.851 4.851 4.851 4.851	9562	11/20/2017 11:33 AM 4.660	286.2 -> 184	Hydromorphone
17643 Infinity	15561	11/20/2017 11:33 AM 5.224	300.2 -> 198	Hydrocodone
703 Infinity ✓ 328.2 → 211	156970	11/20/2017 11:33 AM 6.344	310.1 -> 44.3	Fluoxetine
703 Infinity ✓ 328.2 -> 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 -> 222 ✓ Infinity 6-MAM-D6 5.932 6 10711 27.30 ✓ 323.2 -> 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 ✓ 219.1 -> 56.3 ✓ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 ✓ 325.1 -> 215 ✓ 5.31 a-hydroxyalprazolam-D5 6.380 5.619 2 65446 43.38 ✓ 232.2 -> 77.1 ✓ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 ✓ 136.1 -> 119 ✓ 55.76 Amphetamine-D11 4.851 57670 164.52 ✓ 240.1 -> 131 ✓ 2851 Bupropion-D9 5.823 2 11808 73.90 ✓ 316.1 -> 213 22.09 Citalopram-D4 6.322<	12557	11/20/2017 11:33 AM 6.176	337.2 -> 105	Fentanyl
703 Infinity ✓ 328.2 -> 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 -> 222 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ✓ 323.2 -> 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 ✓ 219.1 -> 56.3 ✓ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 325.1 -> 215 ✓ 5.31 a-hydroxyalprazolam-D5 6.380 5.619 2 65446 43.38 ✓ 232.2 -> 77.1 ✓ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 ✓ 309.1 -> 205 ✓ Infinity Alprazolam-D5 6.486 1 64198 21.59 ✓ 136.1 -> 119 ✓ 55.76 Amphetamine-D11 4.851 57670 164.52 ✓ 240.1 -> 131 ✓ 39.92 Citalopram-D6 6.095 2	74984	11/20/2017 11:33 AM 6.103	279.2 -> 235	EDDP
703 Infinity ✓ 328.2 → 211	123301	11/20/2017 11:33 AM 5.780	271.2 -> 182	Doxylamine
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 → 222 ✓ Infinity A-Aminoclonazepam-D4 5.510 10711 27.30 ✓ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 4.909 2 5894 126.55 ✓ 219.1 → 56.3 ✓ Infinity Acetyl Norfentanyl-D5 4.909 2 65446 43.38 ✓ 232.2 → 77.1 ✓ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 ✓ 309.1 → 205 ✓ Infinity Alpha-PVP-d8 5.619 2 28004 619.93 ✓ 309.1 → 205 ✓ Infinity Alpha-PVP-d8 5.619 2 64198 21.59 ✓ 136.1 → 119 ✓ 55.76 Amphetamine-D11 4.851 57670 164.52 ✓ 240.1 → 131 ✓ 2851 Bupropion-D9 5.823 2 11808 73.90 ✓ 316.1 → 213 ✓	134553	11/20/2017 11:33 AM 6.088	256.2 -> 167	Diphenhydramine
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 → 222 ✓ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ✓ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 ✓ 219.1 → 56.3 ✓ Infinity Acetyl Norfentanyl-D5 4.909 2 65446 43.38 ✓ 232.2 → 77.1 ✓ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 ✓ 309.1 → 205 ✓ Infinity Alpha-PVP-d8 5.619 2 28004 619.93 ✓ 309.1 → 205 ✓ Infinity Alprazolam-D5 6.486 1 64198 21.59 ✓ 136.1 → 119 ✓ 55.76 Amphetamine-D11 4.851 2 57670 164.52 ✓ 240.1 → 313 ✓ 2851 Bupropion-D9 5.823 2 11808 73.90 ✓ 316.1 → 213 ✓ 80.92 Citalopram-D6 6.322 3925 69.74 ✓ 300.2 → 165 ✓ 56.86 Codeine-D6	11981	11/20/2017 11:33 AM 4.898	302.2 -> 198	Dihydrocodeine
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ☐ 286.1 → 222 ☐ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ☐ 286.1 → 222 ☐ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ☐ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 ☐ 219.1 → 56.3 ☐ 41.30 Acetyl Norfentanyl-D5 4.909 2 65446 43.38 ☐ 232.2 → 77.1 ☐ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 ☐ 309.1 → 205 ☐ Infinity Alprazolam-D5 6.486 1 64198 21.59 ☐ 136.1 → 119 ☐ 55.76 Amphetamine-D11 4.851 2 57670 164.52 ☐ 240.1 → 131 ☐ 2851 Bupropion-D9 5.823 2 33740 43.34 ☐ 261.2 → 55.3 ☐ 80.92	19303	11/20/2017 11:33 AM 6.713	285.1 -> 193	Diazepam
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ☐ 286.1 → 222 ☐ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ☐ 286.1 → 222 ☐ 34.50 7-Aminoclonazepam-D4 5.510 5894 126.55 ☐ 219.1 → 56.3 ☐ 41.30 Acetyl Fentanyl-D5 4.909 2 65446 43.38 ☐ 232.2 → 77.1 ☐ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 ☐ 309.1 → 205 ☐ Infinity Alpha-PVP-d8 5.619 2 64198 21.59 ☐ 136.1 → 119 ☐ 55.76 Amphretamine-D11 4.851 57670 164.52 ☐ 240.1 → 131 ☐ 2851 Bupropion-D9 5.823 2 33740 43.34 ☐ 261.2 → 55.3 ☐ 80.92 Citalopram-D6 6.095 4 11808 73.90 ☐ 316.1 → 213 ☐ 80.92 Citalopra	22303	11/20/2017 11:33 AM 5.474	258.2 -> 157	Dextrorphan
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 286.1 → 222 ✓ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 219.1 → 56.3 ✓ Infinity Acetyl Norfentanyl-D5 4.909 2 65446 43.38 ✓ 232.2 → 77.1 ✓ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 ✓ 309.1 → 205 Infinity Alprazolam-D5 6.486 1 64198 21.59 ✓ 136.1 → 119 ✓ 55.76 Amphetamine-D11 4.851 57670 164.52 ✓ 240.1 → 131 ✓ 2851 Bupropion-D9 5.823 2 33740 43.34 ✓ 261.2 → 55.3 ✓ 32.38 Carisoprodol-D7 6.127 2 11808 73.90 ✓ 316.1 → 213 ✓ 80.92 Citalopram-D6 6.995 4 3925 69.74 300.2 → 165 ✓ 5.60 Codeine-D6 4.978 64719 Infinity <	27659	11/20/2017 11:33 AM 6.167	272.2 -> 171	Dextromethorphan
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 → 222 ✓ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 219.1 → 56.3 ✓ 1nfinity Acetyl Norfentanyl-D5 4.909 2 3629 17.10 325.1 → 215 ✓ 1.31 a-hydroxyalprazolam-D5 6.380 65446 43.38 232.2 → 77.1 ✓ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 309.1 → 205 ✓ Infinity Alprazolam-D5 6.486 1 64198 21.59 136.1 → 119 ✓ 55.76 Amphetamine-D11 4.851 4.851 57670 164.52 240.1 → 131 55.76 Amphetamine-D9 5.823 2 33740 43.34 261.2 → 55.3 S.23 Citalopram-D6 6.095 4 11808 73.90 316.1 → 213	64719	11/20/2017 11:33 AM 6.411	276.2 -> 214	Cyclobenzaprine
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 □ 286.1 → 222 □ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 □ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 □ 219.1 → 56.3 □ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 □ 325.1 → 215 □ 5.31 a-hydroxyalprazolam-D5 6.380 65446 43.38 □ 232.2 → 77.1 □ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 □ 309.1 → 205 □ Infinity Alprazolam-D5 6.486 1 64198 21.59 □ 136.1 → 119 □ 55.76 Amphetamine-D11 4.851 57670 164.52 □ 240.1 → 131 □ 2851 Bupropion-D9 5.823 2 33740 43.34 □ 261.2 → 55.3 □ 30.92 Citalop	3925	11/20/2017 11:33 AM 5.020	300.2 -> 215	Codeine
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 □ 286.1 → 222 □ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 □ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 4.909 2 5894 126.55 □ 219.1 → 56.3 □ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 □ 325.1 → 215 □ 5.31 a-hydroxyalprazolam-D5 6.380 65446 43.38 □ 232.2 → 77.1 □ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 □ 309.1 → 205 □ Infinity Alprazolam-D5 6.486 1 64198 21.59 □ 136.1 → 119 □ 55.76 Amphetamine-D11 4.851 1 57670 164.52 □ 240.1 → 131 □ 2851 Bupropion-D9 5.823 2 33740 43.34 □ 261.2 → 55.3 □ 32.38	11808	11/20/2017 11:33 AM 6.342	316.1 -> 269	Clonazepam
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 □ 286.1 → 222 □ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 □ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 □ 219.1 → 56.3 □ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 □ 325.1 → 215 □ 5.31 a-hydroxyalprazolam-D5 6.380 65446 43.38 □ 232.2 → 77.1 □ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 □ 309.1 → 205 □ Infinity Alprazolam-D5 6.486 1 64198 21.59 □ 136.1 → 119 □ 55.76 Amphetamine-D11 4.851 57670 164.52 □ 240.1 → 131 □ 2851 Bupropion-D9 5.823 2 33740 43.34 □ 261.2 → 55.3 □ 32.38 Carisop	101650	11/20/2017 11:33 AM 6.116	325.2 -> 109	Citalopram
703 Infinity ✓ 328.2 -> 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 -> 222 ✓ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ✓ 323.2 -> 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 ✓ 219.1 -> 56.3 ✓ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 ✓ 325.1 -> 215 ✓ 5.31 a-hydroxyalprazolam-D5 6.380 65446 43.38 ✓ 232.2 -> 77.1 ✓ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 ✓ 309.1 -> 205 ✓ Infinity Alprazolam-D5 6.486 1 64198 21.59 ✓ 136.1 -> 119 ✓ 55.76 Amphetamine-D11 4.851 57670 164.52 ✓ 240.1 -> 131 ✓ 2851 Bupropion-D9 5.823 2	33740	11/20/2017 11:33 AM 6.128	261.2 -> 176	Carisoprodol
703 Infinity ✓ 328.2 -> 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 □ 286.1 -> 222 □ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 □ 323.2 -> 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 □ 219.1 -> 56.3 □ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 □ 325.1 -> 215 □ 5.31 a-hydroxyalprazolam-D5 6.380 65446 43.38 □ 232.2 -> 77.1 □ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 □ 309.1 -> 205 □ Infinity Alprazolam-D5 6.486 1 64198 21.59 □ 136.1 -> 119 □ 55.76 Amphetamine-D11 4.851	57670	11/20/2017 11:33 AM 5.864	240.1 -> 184	Bupropion
703 Infinity ▼ 328.2 → 211 ▼ Infinity 6-MAM-D6 5.056 17643 160.06 286.1 → 222 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 323.2 → 188 ▼ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 219.1 → 56.3 ▼ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 325.1 → 215 ▼ 5.31 a-hydroxyalprazolam-D5 6.380 65446 43.38 232.2 → 77.1 ▼ 35.49 alpha-PVP-d8 5.619 2 28004 619.93 309.1 → 205 ▼ Infinity Alprazolam-D5 6.486 1	64198	11/20/2017 11:33 AM 4.891	136.1 -> 91.1	Amphetamine
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 → 222 ✓ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ✓ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 6 5894 126.55 ✓ 219.1 → 56.3 ✓ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 325.1 → 215 ✓ 5.31 a-hydroxyalprazolam-D5 6.380 65446 43.38 ✓ 232.2 → 77.1 ✓ 35.49 alpha-PVP-d8 5.619 2	28004	11/20/2017 11:33 AM 6.487	309.1 -> 281	Alprazolam
703 Infinity ▼ 328.2 → 211 ▼ Infinity 6-MAM-D6 5.056 17643 160.06 □ 286.1 → 222 □ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 □ 323.2 → 188 ▼ Infinity Acetyl Fentanyl-D5 5.932 € 5894 126.55 □ 219.1 → 56.3 □ 41.30 Acetyl Norfentanyl-D5 4.909 2 3629 17.10 □ 325.1 → 215 □ 5.31 a-hydroxyalprazolam-D5 6.380	65446	11/20/2017 11:33 AM 5.641	232.2 -> 91.0	alpha-PVP
703 Infinity ✓ 328.2 → 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 → 222 ✓ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ✓ 323.2 → 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 € 5894 126.55 ✓ 219.1 → 56.3 ✓ 41.30 Acetyl Norfentanyl-D5 4.909 2	3629	11/20/2017 11:33 AM 6.401	325.1 -> 297	a-hydroxyalprazolam
703 Infinity ✓ 328.2 -> 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ✓ 286.1 -> 222 ✓ 34.50 7-Aminoclonazepam-D4 5.510 10711 27.30 ✓ 323.2 -> 188 ✓ Infinity Acetyl Fentanyl-D5 5.932 €	5894	11/20/2017 11:33 AM 4.929	219.1 -> 84.2	Acetyl Norfentanyl
703 Infinity ✓ 328.2 -> 211 ✓ Infinity 6-MAM-D6 5.056 17643 160.06 ○ 286.1 -> 222 ○ 34.50 7-Aminoclonazepam-D4 5.510	10711	11/20/2017 11:33 AM 5.933	323.2 -> 105	Acetyl Fentanyl
703 Infinity 328.2 -> 211 Infinity 6-MAM-D6 5.056	17643	11/20/2017 11:33 AM 5.511	286.1 -> 121	7-aminoclonazepam
	703 Infinity	11/20/2017 11:33 AM 5.097	328.2 -> 165	6-MAM
Resp. S/N MI Transition MI S/N Name RT Resp.	S/N	Acq. Date-Time RT	Transition	Name
p1 cal 1-2a Results Qualifier 1 M Qualifier 1 ISTD Method ISTD Results	p1 cal 1-2a Results	p1 cal 1-2a	thod	Compound Method



Compound Method	thod	p1 cal 1-2a		p1 cal 1-2a Results	Results	Qualifier 1 M	1 M Qualifier 1	er 1	ISTD Method	ISTD	ISTD Results
Name	Transition	Acq. Date-Time	믹	Resp.	S/N MI	Transition	MI S/N	Ν̈́	Name	곡	Resp.
Phentermine	150.1 -> 65.2	11/20/2017 11:33 AM	5.174	7239	Infinity 🔽 150.1 ->	150.1 -> 133		nfinity	Infinity Phentermine-D5	5.174	128271
Promethazine	285.1 -> 86.2	285.1 -> 86.2 11/20/2017 11:33 AM	6.429	216186	30896.96 7 285.1 ->	285.1 -> 71.3	— 1:	30.70	130.70 Promethazine-D3	6.408	11400
Quetiapine	384.2 -> 253	384.2 -> 253 11/20/2017 11:33 AM	6.520	119466	194.78 🗂 384.2 ->	384.2 -> 221	3	76.29	376.29 Quetiapine-D8	6.478	164573
Sertraline	306.1 -> 158	306.1 -> 158 11/20/2017 11:33 AM	6.609	41668	221.81 306.1 ->	306.1 -> 275	4	63.91	463.91 Sertraline-D3	6.608	208920
Sufentanil	387.2 -> 238	387.2 -> 238 11/20/2017 11:33 AM	6.519	11071	87.05	87.05 387.2 -> 111		55.87	55.87 Sufentanil-D5	6.498	412398
Temazepam	301.1 -> 255	301.1 -> 255 11/20/2017 11:33 AM	6.529	41338	111.44 301.1 ->	301.1 -> 283		10.78	10.78 Temazepam-D5	6.528	201193
Tramadol	264.2 -> 58.3	264.2 -> 58.3 11/20/2017 11:33 AM	5.494	135037	92.45	92.45 264.2 -> 43.3 🔽		finity	Infinity Tramadol-13C-D3	5.473	601900
Trazodone	372.2 -> 176	372.2 -> 176 11/20/2017 11:33 AM	6.661	115509	868.49 372.2 ->	372.2 -> 148	5	54.71	554.71 Trazodone-D6	6.621	493950
Venlafaxine	278.2 -> 58.3	278.2 -> 58.3 11/20/2017 11:33 AM	5.859	133408	190.81	190.81 278.2 -> 260		52.38	52.38 Venlafaxine-D6	5.838	555538
Zolpidem	308.2 -> 235	308.2 -> 235 11/20/2017 11:33 AM	6.304	6.304 110823	141.63 308.2 ->	308.2 -> 263	1	77.66	263 177.66 Zolpidem-D6	6.302	6.302 562199



A DEAL TOMECO	2		and a		MUNICIPALITY				14/00/0011 11.E0 AM	302 1 -> 284	Oxymorphono
_			-	316.2 -> 241	7	44 4 0 construction of the construction of th			11/20/2017 11:52 AM	316.2 -> 298	Oxycodone
			-1	287.1 -> 268					11/20/2017 11:52 AM	-	Oxazepam
4.945 577391	iadol	1.54		250.2 -> 42.3	7	2.88	970	4.946	11/20/2017 11:52 AM	-> 58.3	O-desmethyl-tramadol
			7	302.1 -> 186	-1				11/20/2017 11:52 AM	302.1 -> 284	Noroxycodone
	e-D3				٦				11/20/2017 11:52 AM	286.2 -> 199	Norhydrocodone
4			=	233.2 -> 55.3	-				11/20/2017 11:52 AM	233.2 -> 84.2	Norfentanyl
				271.1 -> 208	7				11/20/2017 11:52 AM	271.1 -> 140	Nordiazepam
	iine-D3		=	414.3 -> 57.3	7				11/20/2017 11:52 AM	414.3 -> 101	Norbuprenorphine
	ŭ		1	342.2 -> 55.3					11/20/2017 11:52 AM	342.2 -> 324	Naitrexone
				344.2 -> 308	7				11/20/2017 11:52 AM	344.2 -> 326	Naltrexol
5.198 118610	Naloxone-D5 5		7	328.2 -> 211					11/20/2017 11:52 AM	328.2 -> 309	Naloxone
4.338 1531	Morphine-D6 4	1473		286.2 -> 165	~	433.08	53847	4.379	11/20/2017 11:52 AM	-> 201	Morphine
5.011 119409	Methamphetamine-D11 5			150.1 -> 119	7				11/20/2017 11:52 AM	-	Methamphetamine
6.423 731630	,		7	310.2 -> 105	7	AND			11/20/2017 11:52 AM	310.2 -> 265	Methadone
5.621 66610)-D7		7	219.1 -> 97.1	7				11/20/2017 11:52 AM	219.1 -> 158	Meprobamate
				238.1 -> 220	7				11/20/2017 11:52 AM	238.1 -> 125	Ketamine
	D6			286.2 -> 157	7				11/20/2017 11:52 AM	286.2 -> 184	Hydromorphone
5.182 104656	Hydrocodone-D6	Infinity	1	300.2 -> 128	~~	Infinity	20714	5.020	11/20/2017 11:52 AM	300.2 -> 198	Hydrocodone
5.017 141612	Oxycodone-D6 5		Ī	310.1 -> 148		A STATE OF THE STA			11/20/2017 11:52 AM	310.1 -> 44.3	Fluoxetine
	Fentanyl-D5 6			337.2 -> 188	7	0.89	539	6.602	11/20/2017 11:52 AM	337.2 -> 105	Fentanyl
				279.2 -> 250	7				11/20/2017 11:52 AM	279.2 -> 235	EDDP
			1	271.2 -> 167					11/20/2017 11:52 AM	271.2 -> 182	Doxylamine
(0)	ŭ	800.01		256.2 -> 152	7	899.96	23301	6.087	11/20/2017 11:52 AM	256.2 -> 167	Diphenhydramine
	ıe-D6		Ħ	302.2 -> 128	7				11/20/2017 11:52 AM	302.2 -> 198	Dihydrocodeine
6.712 118071			1	285.1 -> 153	٦				11/20/2017 11:52 AM	285.1 -> 193	Diazepam
			Ī	258.2 -> 133	-				11/20/2017 11:52 AM	258.2 -> 157	Dextrorphan
	ω		$\overline{1}$	272.2 -> 147	٦				11/20/2017 11:52 AM	272.2 -> 171	Dextromethorphan
w	orine-D3		3000	٧		86.27	281	6.431	11/20/2017 11:52 AM	276.2 -> 214	Cyclobenzaprine
		461.53		300.2 -> 165	٦	10074.04	36555	5.020	11/20/2017 11:52 AM	300.2 -> 215	Codeine
	4		1	316.1 -> 213	1				11/20/2017 11:52 AM	316.1 -> 269	Clonazepam
6.115 556382			=						11/20/2017 11:52 AM	325.2 -> 109	Citalopram
	07		ī		٦				11/20/2017 11:52 AM	261.2 -> 176	Carisoprodol
5.843 336921			_	240.1 -> 131	3				11/20/2017 11:52 AM	240.1 -> 184	Bupropion
	011		-	136.1 -> 119		18.90	22303	4.952	11/20/2017 11:52 AM	136.1 -> 91.1	Amphetamine
6.466 126205	Alprazolam-D5 6		-	309.1 -> 205					11/20/2017 11:52 AM	309.1 -> 281	Alprazolam
5.619 368562			7	232.2 -> 77.1	7				11/20/2017 11:52 AM	232.2 -> 91.0	alpha-PVP
6.380 21941	D5		·····	325.1 -> 215	٦				11/20/2017 11:52 AM	325.1 -> 297	a-hydroxyalprazolam
4.909 303294	D5			219.1 -> 56.3	7				11/20/2017 11:52 AM	219.1 -> 84.2	Acetyl Norfentanyl
~		*****		323.2 -> 188	7				11/20/2017 11:52 AM	323.2 -> 105	Acetyl Fentanyl
5.510 68933	7-Aminoclonazepam-D4 5		-	286.1 -> 222					11/20/2017 11:52 AM	286.1 -> 121	7-aminoclonazepam
5.056 27879	6-MAM-D6 5			328.2 -> 211	٦				11/20/2017 11:52 AM	328.2 -> 165	6-MAM
RT Resp.	Name	S/N	≤	Transition	≦	S/N	Resp.	꾸	Acq. Date-Time	Transition	Name
			1-			,		-	THE CONTRACTOR OF THE PROPERTY		



Compound Method	ethod	p1 external control	p1 e	external co	p1 external control Results		Qualifier 1 M	<u>۔</u>	M Qualifier 1	ISTD Method	ISTD	ISTD Results
Name	Transition	Acq. Date-Time	RT	Resp.	N/S	≤	Transition	≤	S/N	Name	RT	Resp.
Phentermine	150.1 -> 65.2	150.1 -> 65.2 11/20/2017 11:52 AM	5.357	1785	2.95		150.1 -> 133			Phentermine-D5	5.174	199804
Promethazine	285.1 -> 86.2	285.1 -> 86.2 11/20/2017 11:52 AM	6.429	580	1.70		285.1 -> 71.3	7		Promethazine-D3	6.408	14060
Quetiapine	384.2 -> 253	384.2 -> 253 11/20/2017 11:52 AM	6.882	271	0.72	1	0.72 384.2 -> 221			Quetiapine-D8	6.478	196981
Sertraline	306.1 -> 158	306.1 -> 158 11/20/2017 11:52 AM					306.1 -> 275	7		Sertraline-D3	6.608	- 1
Sufentanil	387.2 -> 238	387.2 -> 238 11/20/2017 11:52 AM				1	387.2 -> 111	٦		Sufentanil-D5	6.498	492714
Temazepam	301.1 -> 255	301.1 -> 255 11/20/2017 11:52 AM				1	301.1 -> 283	7		Temazepam-D5	6.528	245172
Tramadol	264.2 -> 58.3	264.2 -> 58.3 11/20/2017 11:52 AM				_	264.2 -> 43.3	1		Tramadol-13C-D3	5.473	5.473 772858
Trazodone	372.2 -> 176	372.2 -> 176 11/20/2017 11:52 AM				***************************************	372.2 -> 148			Trazodone-D6	6.621	636681
Venlafaxine	278.2 -> 58.3	278.2 -> 58.3 11/20/2017 11:52 AM					278.2 -> 260			Venlafaxine-D6	5.838	730895
Zolpidem	308.2 -> 235	308.2 -> 235 11/20/2017 11:52 AM	6.609	706		1	3.15 308.2 -> 263	1	187.61	187.61 Zolpidem-D6	6.282	6 282 755876



4.353 91866	Oxymorphone-D3		27	302.1 -> 227	1000000				11/20/201 / 3:06 PM	302.1 -> 284	Loxymorphone
		ŧ	41	316.2 -> 241	1				11/20/2017 3:06 PM	316.2 -> 298	Oxycodone
		-225-	68	287.1 -> 268	_				11/20/2017 3:06 PM	287.1 -> 240	Oxazepam
	adol	0.20	2.3	250.2 -> 42.3	33	2.63	885	4.966	11/20/2017 3:06 PM	250.2 -> 58.3	O-desmethyl-tramadol
			86	302.1 -> 186	_				11/20/2017 3:06 PM	302.1 -> 284	Noroxycodone
	e-D3		71	286.2 -> 171	_				11/20/2017 3:06 PM	286.2 -> 199	Norhydrocodone
5.374 393985			5.3	233.2 -> 55.3	_				11/20/2017 3:06 PM	233.2 -> 84.2	Norfentanyl
			08	271.1 -> 208				-	11/20/2017 3:06 PM	271.1 -> 140	Nordiazepam
	iine-D3	Į į	7.3	414.3 -> 57.3	7				11/20/2017 3:06 PM	414.3 -> 101	Norbuprenorphine
	3	I,	5.3	342.2 -> 55.3	7				11/20/2017 3:06 PM	342.2 -> 324	Naltrexone
4.973 159487	Naltrexol-D3		08	344.2 -> 308	=				11/20/2017 3:06 PM	344.2 -> 326	Naltrexol
5.198 102490				328.2 -> 211	=				11/20/2017 3:06 PM	328.2 -> 309	Naloxone
4.337 1382		-	65	286.2 -> 165	7				11/20/2017 3:06 PM	286.2 -> 201	Morphine
5.031 158933	Methamphetamine-D11	-	19	150.1 -> 119	_				11/20/2017 3:06 PM	150.1 -> 91.1	Methamphetamine
6.422 603029			05	310.2 -> 105					11/20/2017 3:06 PM	310.2 -> 265	Methadone
)-D7		7.1	219.1 -> 97.1	_				11/20/2017 3:06 PM	219.1 -> 158	Meprobamate
5.660 188770	and the same of th		20	238.1 -> 220	=				11/20/2017 3:06 PM	238.1 -> 125	Ketamine
4.618 32724	Hydromorphone-D6		57	286.2 -> 157					11/20/2017 3:06 PM	286.2 -> 184	Hydromorphone
5.202 89286	6	-	28	300.2 -> 128	_				11/20/2017 3:06 PM	300.2 -> 198	Hydrocodone
5.017 125288	Oxycodone-D6		48	310.1 -> 148	7				11/20/2017 3:06 PM	310.1 -> 44.3	Fluoxetine
6.154 697113	Fentanyl-D5		188	337.2 -> 1		-			11/20/2017 3:06 PM	337.2 -> 105	Fentanyl
6.123 24424	EDDP-D3		50	279.2 -> 250	-1				11/20/2017 3:06 PM	279.2 -> 235	EDDP
		i		271.2 -> 167	=				11/20/2017 3:06 PM	271.2 -> 182	Doxylamine
~)3	tj	52	256.2 -> 152	=				11/20/2017 3:06 PM	256.2 -> 167	Diphenhydramine
	ıe-D6		28	302.2 -> 128	=				11/20/2017 3:06 PM	302.2 -> 198	Dihydrocodeine
				285.1 -> 153					11/20/2017 3:06 PM	285.1 -> 193	Diazepam
5.473 139009		I	33	258.2 -> 133	_				11/20/2017 3:06 PM	258.2 -> 157	Dextrorphan
6.166 146274	33		147	272.2 -> 1	_				11/20/2017 3:06 PM	272.2 -> 171	Dextromethorphan
ω	orine-D3		31	276.2 -> 231					11/20/2017 3:06 PM	276.2 -> 214	Cyclobenzaprine
	v		65	300.2 -> 165	7				11/20/2017 3:06 PM	300.2 -> 215	Codeine
	Ā		13	316.1 -> 213	-				11/20/2017 3:06 PM	316.1 -> 269	Clonazepam
			62	325.2 -> 262	3				11/20/2017 3:06 PM	325.2 -> 109	Citalopram
	07	E		261.2 -> 55.3	-				11/20/2017 3:06 PM	261.2 -> 176	Carisoprodol
5.843 330995			31	240.1 -> 13	*****				11/20/2017 3:06 PM	240.1 -> 184	Bupropion
4.850 70498	011		19	136.1 -> 119	.56	7	13645	4.952	11/20/2017 3:06 PM	136.1 -> 91.1	Amphetamine
6.484 115559	Alprazolam-D5	<u>.</u>	05	309.1 -> 205	-				11/20/2017 3:06 PM	309.1 -> 281	Alprazolam
5.619 350258			7.1	232.2 -> 77.	******				11/20/2017 3:06 PM	232.2 -> 91.0	alpha-PVP
6.378 18133	<u>S</u>		15	325.1 -> 215	П				11/20/2017 3:06 PM	325.1 -> 297	a-hydroxyalprazolam
4.909 280160	Acetyl Norfentanyl-D5	160	5.3	219.1 -> 56.3	-				11/20/2017 3:06 PM	219.1 -> 84.2	Acetyl Norfentanyl
- I			88	323.2 -> 188	-				11/20/2017 3:06 PM	323.2 -> 105	Acetyl Fentanyl
	7-Aminoclonazepam-D4		22	286.1 -> 222	7				11/20/2017 3:06 PM	286.1 -> 121	7-aminoclonazepam
5.055 28414	6-MAM-D6			328.2 -> 211	*****				11/20/2017 3:06 PM	328.2 -> 165	6-MAM
RT Resp.	Name	MI S/N		Transition	<u> </u>	S/N	Resp.	R	Acq. Date-Time	Transition	Name
ISTD Results	ISTD Method	Qualifie		Qualifier 1 M		e Results	p1 negative Results		p1 negative	hod	Compound Method
											+



0	626580	6.301	Zolpidem-D6	-	0.41 308.2 -> 263			1109	6.587	308.2 -> 235 11/20/2017 3:06 PM	308.2 -> 235	Zolpidem
0	615530	5.857	Venlafaxine-D6		278.2 -> 260 [278.2 -> 58.3 11/20/2017 3:06 PM	278.2 -> 58.3	Venlafaxine
5	539670	6.620	Trazodone-D6		372.2 -> 148	1				372.2 -> 176 11/20/2017 3:06 PM	372.2 -> 176	Trazodone
0	700110	5.493	Tramadol-13C-D3		264.2 -> 43.3	1				264.2 -> 58.3 11/20/2017 3:06 PM	264.2 -> 58.3	Tramadol
7	23233	6.527	Temazepam-D5		301.1 -> 283 [1				301.1 -> 255 11/20/2017 3:06 PM	301.1 -> 255	Temazepam
<u>ත</u>	434756	6.497	Sufentanil-D5		387.2 -> 111					387.2 -> 238 11/20/2017 3:06 PM	387.2 -> 238	Sufentanil
9	195849	6.607	Sertraline-D3		306.1 -> 275 [_				306.1 -> 158 11/20/2017 3:06 PM	306.1 -> 158	Sertraline
4	17983	6.497	Quetiapine-D8	-	384.2 -> 221 [1				384.2 -> 253 11/20/2017 3:06 PM	384.2 -> 253	Quetiapine
<u> </u>	11590.	6.427	Promethazine-D3		285.1->71.3					285.1 -> 86.2 11/20/2017 3:06 PM	285.1 -> 86.2	Promethazine
	18259	5.173	Phentermine-D5	- I	150.1 -> 133	-				150.1 -> 65.2 11/20/2017 3:06 PM	150.1 -> 65.2	Phentermine
	Resp.	RT	Name	M/S/N	Transition	≦	S/N	Resp.	꼭	Acq. Date-Time	Transition	Name
<u></u>	ISTD Results	ISTD	ISTD Method	⊋ualifie.	Qualifier 1 M Qualifie.		Results	p1 negative Results		p1 negative	<u>a</u>	Compound Method





Name Company delayed Delayed point Delayed point Delayed point Column columnature STD Memor ESTD Memor NETD Memor	\sum	121651	6.242	Zopiclone-D4		389.1 -> 216	1				11/20/2017 12:02 PM	389.1 -> 244	Zopiclone
Compound Method Age actemial countried Age actemial countried Dept actemial countried Dept actemial countried Manual Place (Manual Countried) Us (T) Method STD Results Month Programme 284.1 > 138.1 1020/2017 1200 PM STD SERVICE 289.2 1020/2017 1200 PM STD SERVICE STD SERVICE <td>4</td> <td>137544</td> <td>6.227</td> <td>Zaleplon-D4</td> <td>- COMMAN</td> <td>306.1 -> 264</td> <td>_</td> <td></td> <td></td> <td></td> <td>11/20/2017 12:02 PM</td> <td></td> <td>Zaleplon</td>	4	137544	6.227	Zaleplon-D4	- COMMAN	306.1 -> 264	_				11/20/2017 12:02 PM		Zaleplon
Compound Method De external control De pound Method Totalston App Carbon Indication Value Indication Unit Disastins		13314	6.536	Trimipramine-D3		ľ						٧	Verapamil
Compound Method Age alternal control Age alternal control Operation Results Condition Months ISTD Mexical SSTD Mexical Marina 284.1 > 135. 11/20/20/17 (200 PM) RT Resp. SN M M Tonsibloo A RT Resp. 5089 (1700/2017) 5089 (1700/2017) 5089 (1700/2017) 5089 (1700/2017) 5089 (1700/2017) 5089 (1700/2017) 5089 (1700/2017) 5089 (1700/2017) 5089 (1700/2017) 5089 (1700/2017) 5089 (1700/2017) 6518 (1700/2017) 5089 (1700/201		13314	6.536	Trimipramine-D3		ľ					11/20/2017 12:02 PM	V	Trimipramine
Compound Method PZ extirnal control UST D exaults Mannazaspann 244.1 - 135. 11/20/20017 12/22 PM ST D Regults T Cressition M S/N Name 648 211/2002 Minimazaspann 244.1 - 135. 11/20/20017 12/22 PM ST D SISTA T Cressition M S/N Application of Cressition 6488 211/2002 Minimazaspann 244.1 - 135. 11/20/20017 12/22 PM ST D SISTA T Cressition Application of Cressition of Cressistion of Cressition		484538	5.506	Tapentadol-D3		V		and the state of t			11/20/2017 12:02 PM	V	Tapentadol
Compound Method PZ external control PZ external control PZ external control Loughlier of ML, Outsiller, MR (Augustiller) IST Desputs Name ZAL 1 = 135. I 1/20/20/17 (2020 PM) ST Fearus Fearus RT Fearus Resputs MM SN Name RT Fearus Resputs Uniform 24.1 = 303.4 1/20/20/17 (2020 PM) ST Fearus Resputs August August August 6,488 (21108) 110020 Uniform 24.1 = 303.4 1/20/20/17 (2020 PM) ST Fearus P 1/21 + 203.1 1/20/20/17 (2020 PM) ST Fearus P 2/21 + 203.1 1/20/20/17 (2020 PM) August Augu		264575	4.680	Pseudoephedrine-D3	asias:						11/20/2017 12:02 PM	V	Pseudoephedrine
Compound Mathool p2 external control p2 control peacl bits Qualifier. MISTD Method STD Method Store RFT Resput Multiconsyntiazzolam 224.1 > 328.1 1120/22/11 / 120.2 PM 65.19 30.90.1 1120/22/11 / 120.2 PM 65.19 30.90.1 1120/22/11 / 120.2 PM 65.19 30.90.1 1120/22/11 / 120.2 PM 290.1 10.90.1 1120/22/11 / 120.2 PM 290.1 10.90.1 1120/22/11 / 120.2 PM 290.1 10.90.1 120.2 PM 290.1 10.90.2 10.90.1 120.2 PM 290.1 20.1 120.2 PM 290.1 20.1 120.2 PM 290.1 20.1 120.2 PM 290.2 20.1 120.2 PM		265291	6.459	Nortriptyline-D3		264.2 -> 161	T				11/20/2017 12:02 PM	V	Protriptyline
Compound Method p2 everand control p2 everand control p2 everand control Coadillor I. Usillor. ISTD Method ISTD Method ESTD Method <th< td=""><td></td><td>158124</td><td>6.304</td><td>Propoxyphene-D11</td><td><u> </u></td><td>340.2 -> 266</td><td>٦</td><td></td><td></td><td></td><td>11/20/2017 12:02 PM</td><td>340.2 -> 58.3</td><td>Propoxyphene</td></th<>		158124	6.304	Propoxyphene-D11	<u> </u>	340.2 -> 266	٦				11/20/2017 12:02 PM	340.2 -> 58.3	Propoxyphene
Compound Method p2 everinal control p2 everinal control p2 everinal control Results Localitier I. M. SURIller. ISTD Method ESTD Method Manne Tansalson Acq Deber Transition RT Resp. SN M Transition MIX SN Ashame ERT Resp. Multimonymidazzalam 244.1 > 138.1 11/20/2017 12:02 PM 6.519 398.9 11/90/2017 12:02 PM 424.1 > 90.2 Ashaminimizacyann D7 5.599 11/90/2017 12:02 PM Syline 240.1 > 188.1 11/20/2017 12:02 PM 6.519 398.9 11/90/2017 12:02 PM 240.1 > 128.1 11/20/2017 12:02 PM 290.1 > 100.1 > 100.1 Annitipolytine-D3 6.488 12/10/2017 12:02 PM Suspenitie 260.1 > 262.7 11/20/2017 12:02 PM 290.1 > 100.1 > 262.1 200.1 > 262.2 100.1 > 262.2 6.518 398.23 Bann 314.1 > 268.2 11/20/2017 12:02 PM 288.2 > 315.1 288.2 11/20/2017 12:02 PM 288.2 > 312.1 280.2 > 107.2 11/20/2017 12:02 PM 288.2 > 312.1 280.2 > 30.7 100.00 280.2 > 30.7 100.00 280.2 > 30.		540595	6.955	Prazepam-D5		219.1 -> 162					11/20/2017 12:02 PM	219.1 -> 91.2	Primidone
Compound Method p2 evernal control STD Results MSN Anal Tensition MSN Warne Tensition MSN Warne Anal Tensition MSN Warne Anal Tensition MSN Warne Anal Tensition Manne Anal Tensition MSN Tensition MSN Anal Tensition Anal Tensitio		540595	6.955	Prazepam-D5	2000	325.1 -> 140					11/20/2017 12:02 PM	325.1 -> 271	Prazepam
Compound Method p2 evernal control p3 Head Mist Di Results Name Tamelbon Acq Debe-Time Acq Debe-Time Resp. SNI M Transibon MI SNI Name Marie Resp. displant Tamelon MI SNI Name Transibon MI SNI Name Marie Resp. displant 2841 - 324 - 324 - 1120,0017 1202 PM 6.519 130982 Imminish 2841 - 283. Imminish 2842 - 283. Imminish 2842 - 2		8737	6.033	Phenytoin-D10	accer .						11/20/2017 12:02 PM	253.1 -> 104	Phenytoin
Compound Method Ze external control p2 external control p2 external control Data illier I.M. Cualifier I.M. Supple I.M.		644379	5.952	Phencydlidine-D5	- Table	244.2 -> 91.1					11/20/2017 12:02 PM	244.2 -> 86.2	Phencyclidine
Compound Method de external contriol på external contriol SITD Mesults Northold SITD Results Name 284.1 - 315. 11720/2017 12:02 PM FRES. 1 284.1 - 392. Tamaskon MI SITD Mesults 7 849.1 98.9 11036 110		11878	6.507	Phenazepam-D4							11/20/2017 12:02 PM	ľ	Phenazepam
Compound Method p2 external control p2 external control p2 external control p2 external control Localifier NL. Qualifier NL		325722	5.721	Pentazocine-13C3	- emore	286.2 -> 41.3					11/20/2017 12:02 PM	V	Pentazocine
Compound Method p2 external control p2 external control p2 external control p2 external control Results Qualifier! Au Qualifier. ISTID Method IARRIE RRF Resp. debular acceptance 284.1 - 313.4 11/20/2017 12:02 PM 6.519 13089. Infinity 278.2 - 305. Infinity INFinite-D3 6.518 30839 pinite 287.1 - 393. 11/20/2017 12:02 PM 6.519 13089. Infinity 278.2 - 305. Infinity 279.1 - 305. Infinity 279.1 - 305. Infinity 279.1 - 305. Infinity 279.1 - 305. Infinity 279.2 - 305. Infinity 279.2 - 305. Infinity 279.4238 Infinity		325722	5.721	Pentazocine-13C3	-	V					11/20/2017 12:02 PM	V	Ondansetron
Compound Method		265291	6.459	Nortriptyline-D3		V	7				11/20/2017 12:02 PM	V	Nortriptyline
Compound Method D2 external countrol p2 external countrol D2 external countrol D2 external countrol Results Qualifier. ISTD Method RT Resp. Aninoral Property All College 284.1 - 315.4 1120/2017 120/20 PM 5.78 1284.1 - 303.5 7 Aminoral Method 8.710.56 1100/2017 120/20 PM 5.78 39.21 - 323.5 6.518 300.3336 Interpolation 289.1 - 368.1 1120/2017 120/20 PM 6.519 130693.1 1110/2017 120/20 PM 1200.1 - 328.2 101.5 1200.2017 120/20 PM 1200.1 - 328.2 101.5 1200.2017 120/20 PM		119659	6.265	Norpropoxyphene-D5		326.2 -> 252					11/20/2017 12:02 PM	326.2 -> 44.3	Norpropoxyphene
Compound Method p2 external control Coualifier 1 M. Qualifier 1 M. Q		153772	5.647	Normeperidine-D4	atasar .	234.1 -> 160	1				11/20/2017 12:02 PM	234.1 -> 42.3	Normeperidine
Compound Method p2 external control p2 external control Results Qualifier 1 M. Qualifier 2 M. Qualifier 3 M.		794328	6.136	Carbamazepine-13C6	1	v.					11/20/2017 12:02 PM	٧	Mitragynine
Compound Method p2 external control p2 external control Results Qualifier 1 M. Qualifier 2 M. Qualifier 3 M.		242369	6.631		Infini	v		148.24	10577	6.113	11/20/2017 12:02 PM	Ÿ	Mirtazapine
Compound Method p2 external control p2 external control p2 external control p2 external control Coalifier I.M. Qualifier. ISTD Method INAme RT Resp. Mannel 242.1 - 334.1 - 313 11/20/2017 12:02 PM ISTD Method ISTD SALL - 313 ISTD SALL - 31		242369	6.631	Midazolam-D4			-				11/20/2017 12:02 PM	Ÿ	Midazolam
Name Transition D2 external control P2 external control Results Qualifier M.		206475	5.706	Meperidine-D4		268.2 -> 56.3					11/20/2017 12:02 PM	٧	Metoprolol
Compound Method p2 external control RTI Qualifier 1 M Qualifier 1 M Qualifier. ISTD Method ISTD Results Name 284.1 → 135 11/20/2017 12:02 PM RTI Resp. S/N MI Transition MI S/N Name RTI Resp. pibne 284.1 → 293 11/20/2017 12:02 PM 6.519 13069 Infinity 7 284.2 → 205 Infinity Pyline-D3 6.518 308336 pibne 290.1 → 162 11/20/2017 12:02 PM F 290.1 → 105 Infinit, Amitripyline-D3 6.518 308336 lecgonine 290.1 → 282 11/20/2017 12:02 PM F 290.1 → 105 Ramitripyline-D3 6.518 308336 lecgonine 290.1 → 282 11/20/2017 12:02 PM F 290.1 → 282 Contingramine-D3 6.518 308336 lecgonine 290.1 → 200 11/20/2017 12:02 PM F 290.1	N-C+1-	206475	5.706	Meperidine-D4	water.						11/20/2017 12:02 PM	234.2 -> 84.2	Methylphenidate
Compound Method p2 external control Qualifier 1 M. <	うせら	206475	5.706	Meperidine-D4		248.2 -> 174	٦				11/20/2017 12:02 PM	248.2 -> 220	Meperidine
Compound Method P2 external control P3	STATE OF	32073	5.143	MDMA-D6	- COLOR	194.1 -> 105					11/20/2017 12:02 PM	194.1 -> 163	MDMA
Compound Method p2 external control Qualifier 1 M Qualifier. ISTD Method ISTD Method ISTD Method ISTD Results Name Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Resp. Indifultrazepam 284.1 - 332 11/20/2017 12:02 PM F 284.1 - 932 F 244.1 - 932 F 244.1 - 932 F 249.1 - 10/40/2017 12:02 PM S/N MI Transition MI S/N Amitriplyline-D3 6.518 2003336 lapha-hydroxymidazolam 314.1 -> 324 11/20/2017 12:02 PM 6.519 13069 Infinityl F 234.1 -> 193 F Amitriplyline-D3 6.518 308336 oylecgonine 237.1 - 193 11/20/2017 12:02 PM F 237.1 - 193 F Amitriplyline-D3 6.518 308336 daizepoxide 300.1 -> 227 11/20/2017 12:02 PM F 237.1 - 193	57. A	330797	5.282	MDEA-D6	****		٦				11/20/2017 12:02 PM	208.1 -> 163	MDEA
Transition D2 external control D2 ext	MOSSA		5.023		Į.		7				11/20/2017 12:02 PM	180.1 -> 163	MDA
sthod p2 external control Resp. Qualifier 1 M.	のが、含まる		5.706		Infini		Ī	Infinity	12905	6.519	11/20/2017 12:02 PM	278.2 -> 91.2	Maprotiline
thod by Pexternal control p2 external control p2 external control Results Qualifier 1 M. Qualifier.	,		5.656	Cocaine-D3	-		T				11/20/2017 12:02 PM	205.1 -> 91.2	Levamisole
Transition Acq. Date-Time RT Resp. S/N M Transition M S/N Name RT Resp. S/N M Transition M S/N Name RT S699		722602	6.456	Imipramine-D3	- Liv	281.2 -> 58.3	7				11/20/2017 12:02 PM	V	Imipramine
Transition P2 external control P2 external control Results Qualifier M., Qualifier ISTD Method ISTD R		121651	6.242	Zopiclone-D4	· ·	388.2 -> 317	٦				11/20/2017 12:02 PM	V	Flurazepam
Transition P2 external control P2 external control Results Qualifier M. Qualifier ISTD Method ISTD R		6799	6.430	Flunitrazepam-D7	Parties.	314.1 -> 239	1				11/20/2017 12:02 PM	٧	Flunitrazepam
sthod p2 external control p2 external control p2 external control p2 external control Results Qualifier. Qualifier. ISTD Method ISTD R Infansition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT 284.1 → 135 11/20/2017 12:02 PM Image: S/N Image: S/N Image: S/N MI Transition MI S/N Name RT 284.1 → 135 11/20/2017 12:02 PM Image: S/N Image: S/N Image: S/N MI Transition MI S/N Name RT 284.1 → 135 11/20/2017 12:02 PM Image: S/N Image: S/N MI Transition MI S/N Amitriptyline-D3 6.518 289.1 → 185 11/20/2017 12:02 PM Image: S/N Image: S/N Image: S/N Amitriptyline-D3 6.518 290.1 → 193 11/20/2017 12:02 PM Image: S/N Image: S/N Image: S/N Amitriptyline-D3 6.136 290.1 → 193 11/20/2017 12:02 PM Image: S/N		168986	6.392	Estazolam-D5	-	295.1 -> 205	7				11/20/2017 12:02 PM	295.1 -> 267	Estazolam
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thod Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Acg. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Acg. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Acg. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Acg. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Acg. Date-Time RT S.699 S44.1→32.4 11/20/2017 12:02 PM S78.2→91.2 11/20/2017 12:02 PM S78.2→91.2 11/20/2017 12:02 PM S519 13069 Infinity T 278.2→105 T Infini Amitriptyline-D3 6.518 S79.1→108 11/20/2017 12:02 PM F 290.1→105 T Senzoylecgonine-D8 5.289 S79.1→193 11/20/2017 12:02 PM F 237.1→194 T S90.1→282 T Chlordiazepoxide-D5 6.595 S79.3 S79.2→105 T Clomipramine-D3 6.715 S79.3 S79.2→105 T Clomipramine-D3 6.715 S79.3 S79.2→105 T Clomipramine-D3 6.715 S79.3 S79.2→105 T S90.1→282 T Clomipramine-D3 6.715 S79.3 S79.2→105 T S90.1→282 T Clomipramine-D3 6.715 S79.3 S79.2→105 T S90.1→205		895641	6.418	Desipramine-D3	i i	267.2 -> 44.3	<u>[</u>				11/20/2017 12:02 PM	267.2 -> 72.3	Desipramine
thod by the period of the per		412348	5.656	Cocaine-D3	-	304.2 -> 105					11/20/2017 12:02 PM	304.2 -> 182	Cocaine
ethod p2 external control p2 external control p2 external control Results Qualifier 1 M Qualifier ISTD Method ISTD Respondence Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT 284.1 -> 135 11/20/2017 12:02 PM F 284.1 -> 32 T 284.1 -> 93.2 T 7-aminoflunitrazepam-D7 5.699 342.1 -> 324 11/20/2017 12:02 PM 6.519 13069 Infinity T 278.2 -> 105 I Infinit Amitriptyline-D3 6.518 314.1 -> 271 11/20/2017 12:02 PM 6.519 I 314.1 -> 193 I Amitriptyline-D3 6.518 290.1 -> 168 11/20/2017 12:02 PM I I 290.1 -> 105 I Amitriptyline-D3 6.518 290.1 -> 168 11/20/2017 12:02 PM I I 237.1 -> 194 Carbamazepine-13C6 6.136 237.1 -> 193 11/20/2017 12:02 PM I I 237.1 -> 194 Chlordiazepoxide-D5		10413	6.715	Clomipramine-D3	TOTAL STREET	315.2 -> 58.3	7				11/20/2017 12:02 PM	315.2 -> 86.2	Clomipramine
ethod p2 external control p2 external control p2 external control Results Qualifier 1 M Qualifier ISTD Method ISTD Respondence Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT 284.1 -> 135 11/20/2017 12:02 PM T 284.1 -> 93.2 T 7-aminoflunitrazepam-D7 5.699 342.1 -> 324 11/20/2017 12:02 PM T 342.1 -> 203 T alpha-hydroxymidazolam 6.468 278.2 -> 91.2 11/20/2017 12:02 PM 6.519 13069 Infinity T 314.1 -> 193 Infini Amitriptyline-D3 6.518 314.1 -> 271 11/20/2017 12:02 PM 6.519 T 314.1 -> 193 T Amitriptyline-D3 6.518 290.1 -> 168 11/20/2017 12:02 PM T 290.1 -> 105 T Benzoyleogonine-D8 5.289 237.1 -> 193 11/20/2017 12:02 PM T 237.1 -> 194 T Carbamazepine-13C6 6.136		171239	6.595	Chlordiazepoxide-D5	week	300.1 -> 282					11/20/2017 12:02 PM	V	Chlordiazepoxide
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sthod p2 external control p2 external control p2 external control Qualifier 1 M Qualifier ISTD Method ISTD Responsition Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT 284.1 -> 135 11/20/2017 12:02 PM RT Resp. S/N MI Transition MI S/N Name RT 342.1 -> 324 11/20/2017 12:02 PM RT Resp. RS/N MI Transition MI S/N Name RT 342.1 -> 324 11/20/2017 12:02 PM 6.519 13069 Infinity 342.1 -> 203 R Infini Amitriptyline-D3 6.518 278.2 -> 91.2 11/20/2017 12:02 PM 6.519 13069 Infinity RT 314.1 -> 193 R Amitriptyline-D3 6.518		4273	5.289	Benzoylecgonine-D8							11/20/2017 12:02 PM	V	Benzoylecgonine
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pound Method p2 external control p2 external control Results Qualifier 1 M Qualifier ISTD Method ISTD Resp. S/N MI Transition MI S/N Name RT		110902	5.699	7-aminoflunitrazepam-D7	Ē,	284.1 -> 93.2	司				11/20/2017 12:02 PM	284.1 -> 135	7-aminoflunitrazepam
p2 external control p2 external control Results Qualifier 1 M., Qualifier., ISTD Method		Resp.	RT	Name	***************************************		<u> </u>	S/N	Resp.	RT	Acq. Date-Time	Transition	Name
		Results	ISTD	ISTD Method	Qualifier	<u>1</u> ≤	TS	าtrol Result	xternal cor	p2 e.	p2 external control	A	Compound Metho



	Zoniclone-D4 8 2/12	1	389.1 -> 216	38	contract of the contract of th			11/20/2017 3:16 PM	389.1 -> 244	Zopiclone
6.227 110969			306.1 -> 264	30		THE COLUMN TWO IS NOT		11/20/2017 3:16 PM	306.1 -> 236	Zalepion
6.556 11113	Trimipramine-D3 6.		455.3 -> 150	45	-			11/20/2017 3:16 PM	455.3 -> 165	Verapamil
	3		295.2 -> 58.3	29				11/20/2017 3:16 PM	295.2 -> 100	Trimipramine
		1	222.2 -> 121	22				11/20/2017 3:16 PM	222.2 -> 107	Tapentadol
	ıe-D3		166.1 -> 133	16				11/20/2017 3:16 PM	166.1 -> 148	Pseudoephedrine
			264.2 -> 161	26				11/20/2017 3:16 PM	264.2 -> 155	Protriptyline
	-D11		340.2 -> 266	34				11/20/2017 3:16 PM	340.2 -> 58.3	Propoxyphene
			219.1 -> 162	21				11/20/2017 3:16 PM	219.1 -> 91.2	Primidone
6.955 479498	Prazepam-D5 6.		325.1 -> 140	32	Transcon.			11/20/2017 3:16 PM	325.1 -> 271	Prazepam
6.033 6946	Phenytoin-D10 6.		253.1 -> 182	25				11/20/2017 3:16 PM	253.1 -> 104	Phenytoin
5.952 594829			244.2 -> 91.1	24				11/20/2017 3:16 PM	244.2 -> 86.2	Phencyclidine
6.507 11802	Phenazepam-D4 6.		349.0 -> 183	34				11/20/2017 3:16 PM	349.0 -> 206	Phenazepam
5.721 258755		_	286.2 -> 41.3	28				11/20/2017 3:16 PM	286.2 -> 218	Pentazocine
5.721 258755	C3		294.2 -> 212	29				11/20/2017 3:16 PM	294.2 -> 184	Ondansetron
6.459 258448			264.2 -> 233	26				11/20/2017 3:16 PM	264.2 -> 91.2	Nortriptyline
6.286 98558	Norpropoxyphene-D5 6.		326.2 -> 252	32				11/20/2017 3:16 PM	326.2 -> 44.3	Norpropoxyphene
5.667 120441			234.1 -> 160	23		The second secon		11/20/2017 3:16 PM	234.1 -> 42.3	Normeperidine
6.136 742786	e-13C6		399.2 -> 238	39				11/20/2017 3:16 PM	399.2 -> 174	Mitragynine
		***************************************	266.2 -> 72.3	~ 26				11/20/2017 3:16 PM	266.2 -> 195	Mirtazapine
			326.1 -> 249	32				11/20/2017 3:16 PM	326.1 -> 223	Midazolam
			268.2 -> 56.3	26				11/20/2017 3:16 PM	268.2 -> 116	Metoprolol
			234.2 -> 56.3	23				11/20/2017 3:16 PM	234.2 -> 84.2	Methylphenidate
)-D4			24	******			11/20/2017 3:16 PM	248.2 -> 220	Meperidine
				19				11/20/2017 3:16 PM	194.1 -> 163	MDMA
	MDEA-D6 5.		208.1 -> 105	20				11/20/2017 3:16 PM	208.1 -> 163	MDEA
				18				11/20/2017 3:16 PM	180.1 -> 163	MDA
	D4		278.2 -> 117	27	0.71	2287	6.600	11/20/2017 3:16 PM	278.2 -> 91.2	Maprotiline
			205.1 -> 178	20				11/20/2017 3:16 PM	205.1 -> 91.2	Levamisole
	ω			28	www.g			11/20/2017 3:16 PM	281.2 -> 86.2	Imipramine
7			388.2 -> 317	38				11/20/2017 3:16 PM	388.2 -> 315	Flurazepam
6.430 6012	-D7			<u>ω</u>				11/20/2017 3:16 PM	314.1 -> 268	Flunitrazepam
6.392 151729)5		295.1 -> 205	29				11/20/2017 3:16 PM	295.1 -> 267	Estazolam
			280.2 -> 77.2	_ 28				11/20/2017 3:16 PM	280.2 -> 107	Doxepin
	9-D3		267.2 -> 44.3	26				11/20/2017 3:16 PM	267.2 -> 72.3	Desipramine
5.656 354603			304.2 -> 105	30				11/20/2017 3:16 PM	304.2 -> 182	Cocaine
			315.2 -> 58.3	31	rancosq.			11/20/2017 3:16 PM	315.2 -> 86.2	Clomipramine
				30				11/20/2017 3:16 PM	300.1 -> 227	Chlordiazepoxide
7,	6		237.1 -> 194	23	- Source			11/20/2017 3:16 PM	237.1 -> 193	Carbamazepine
	e-D8		290.1 -> 105	_ 29	www.			11/20/2017 3:16 PM	290.1 -> 168	Benzoylecgonine
			314.1 -> 193	31	***************************************			11/20/2017 3:16 PM	314.1 -> 271	Amoxapine
		_	278.2 -> 105	27	-money			11/20/2017 3:16 PM	278.2 -> 91.2	Amitriptyline
-	.T		342.1 -> 203	34				11/20/2017 3:16 PM	342.1 -> 324	alpha-hydroxymidazolam
5.699 120209	7-aminoflunitrazepam-D7 5.		284.1 -> 93.2	28				11/20/2017 3:16 PM	284.1 -> 135	7-aminoflunitrazepam
RT Resp.	Name F	M/S/N	Transition	≦ .	S/N	Resp.	RT	Acq. Date-Time	Transition	Name
		***************************************		-		and the second s	+			



THC and Metabolites Screen in Blood by LC-MS/MS

Extraction Date: 11-21-17 Analyst: Anne Nord
Extraction Date: 11-21-17 Analyst: Anne Nord
Plate lot#: 0515037 Plate Expiration: 9/28/2018
Mobile phase A: 10mM Ammonium Formate Mobile phase B: 0.1% Formic acid in MeOH 0.1% Formic Acid in Water MTBE Hexane Blank Blood Lot: 17J20718 Column: Phenomenex Phenyl Hexyl (4.6x50mm: 2.6 um) LCMS-QQQ ID: 62340
Pre-Analytic: ☐ 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full. ☐ 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes. ☐ 3. Create worklist:
Analytic: 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature. 2. Pipette 1000 μL blood (calibrated pipette) Pipette ID: 2609543 in wells of analytical (standards) plate. • Blank blood for locations containing standards/QCs and internal standards • Sample blood for locations containing only internal standards • Sample blood for locations containing only internal standards □ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Shaker ID: 66759 □ 4. Pipette 500 μL 0.1% formic acid in wells of analytical plate. □ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. □ 6. Transfer 800 μL of blood+base mixture to corresponding wells of SLE+ plate. □ 7. Apply positive pressure for approx. 4 seconds (or until no liquid remains on top of sorbent). (Load at 85-100 PSI- Selector to the right) Manifold ID: 66792 □ 8. Wait 5 minutes. □ 9. Add 2.25 mL MTBE (add in 3 increments of 750uL). □ 10. Wait 5 minutes. □ 11. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left). □ 12. Add 2.25 mL hexane (add in 3 increments of 750uL). □ 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: 66819
16. Reconstitute in 100μL 100% MeOH and heat seal plate with foil. Place in autosampler and run worklist.
Post-Analytic 1. Create batch and process data. Worklist path: 2017 Data\\\2\2017 am Batch Name: 112117 can screen
 2. For unknown samples, calculated concentration > 3ng THC, THC-OH and > 5ng Carboxy-THC and +/- 2% or +/- 0.100 min (whichever is greater) retention time of calibrators? 3. Did all QCs pass for each analyte? Y / N 4. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports
COMMENTS: _ Extracted samples 11-20-17 range accidently ran on an expired stock plate. Did not evaluate results re-extracted and ran 11-21-17.

Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

Analysis Time11/21/2017 1:49 PMAnalyst NameISP ToxReport Time11/21/2017 1:51 PMReporter NameISP ToxLast Calib Update11/21/2017 1:49 PMBatch StateProcessed

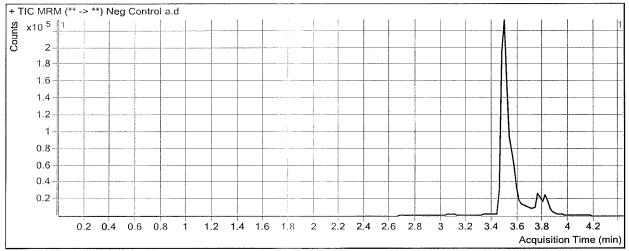
Analysis Info

Acq Time2017-11-21 11:45Data FileNeg Control a.dSample TypeSampleSample NameNeg Control aDilution1Acq MethodScreen THC 8-2017.m

Position P1-a2 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen negative blood lot 17J20718

Sample Chromatogram



Results

ISP cann screen report.xlsx

 Compound
 RT
 Response
 ISTD Resp
 Resp Ratio
 Final Conc

 THC-COOH
 3,546
 7684
 242243
 0.0317
 2,7980
 < 5</td>

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Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

 Analysis Time
 11/21/2017 1:49 PM
 Analyst Name
 ISP Tox

 Report Time
 11/21/2017 1:51 PM
 Reporter Name
 ISP Tox

 Last Calib Update
 11/21/2017 1:49 PM
 Batch State
 Processed

Analysis Info

 Acq Time
 2017-11-21 12:05
 Data File
 QC 10 ng a.d

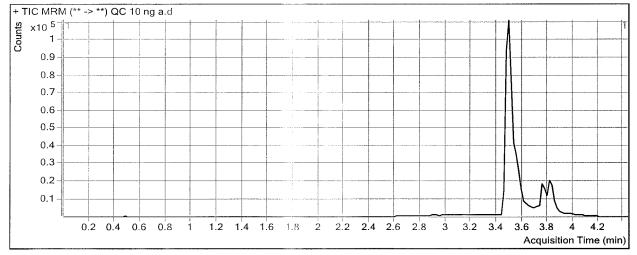
 Sample Type
 QC
 Sample Name
 QC 10 ng a

Dilution 1 Acq Method Screen THC 8-2017.m

Position P1-H1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



D	esu	lte
к	CSU	11.5

Compound	RT	Resp onse	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.4 93	34214	349164	0.0980	10.1455
THC-COOH	3 . 546	16703	84762	0.1971	11.3189
THC	3.840	2185	22562	0.0968	10.3568

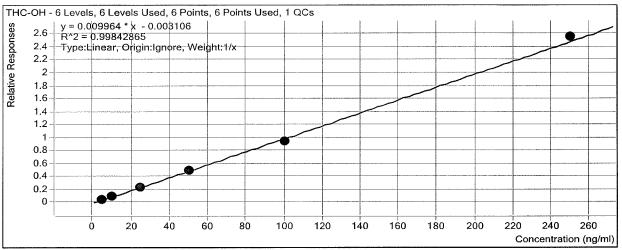
A

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

Last Calib Update 11/21/2017 1:49 PM Analyst Name ISP TOX

Target CompoundTHC-OHInternal StandardTHC-OH-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 2 - 5ng a	2	☑	5	5.4	107.0
cal 3 - 10ng a	3	\square	10	10.0	100.3
QC 10 ng a	3	☑	10	10.1	101.5
cal 4 - 25ng a	4		25	23.7	94.9
cal 5 - 50ng a	5	\square	50	50.4	100.9
cal 6 - 100ng a	6	\square	100	94.5	94.5
cal 7 - 250ng a	7	☑	250	256.0	102.4

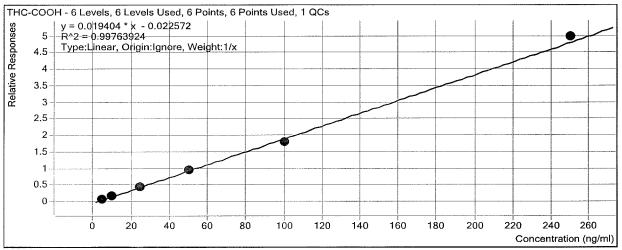


ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

Last Calib Update 11/21/2017 1:49 PM Analyst Name ISP TOX

Target CompoundTHC-COOHInternal StandardTHC-COOH-d9



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 2 - 5ng a	2	\square	5	5.4	108.8
cal 3 - 10ng a	3	☑	10	10.0	100.1
QC 10 ng a	3	\square	10	11.3	113.2
cal 4 - 25ng a	4	\square	25	23.7	94.8
cal 5 - 50ng a	5	\square	50	50.1	100.1
cal 6 - 100ng a	6	\square	100	93.1	93.1
cal 7 - 250ng a	7	☑	250	257.7	103.1

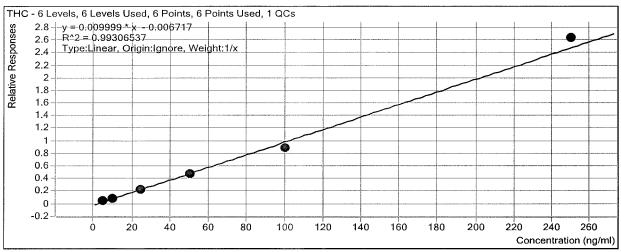


ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

Last Calib Update 11/21/2017 1:49 PM Analyst Name ISP TOX

Target CompoundTHCInternal StandardTHC-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 2 - 5ng a	2	\square	5	6.0	120.3
cal 3 - 10ng a	3	\square	10	9.7	97.2
QC 10 ng a	3	\square	10	10.4	103.6
cal 4 - 25ng a	4	\square	25	22.7	91.0
cal 5 - 50ng a	5	☑	50	48.4	96.8
cal 6 - 100ng a	6	\square	100	89.2	89.2
cal 7 - 250ng a	7	☑	250	263.9	105.6

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Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

 Analysis Time
 11/21/2017 1:49 PM
 Analyst Name
 ISP Tox

 Report Time
 11/21/2017 1:51 PM
 Reporter Name
 ISP Tox

 Last Calib Update
 11/21/2017 1:49 PM
 Batch State
 Processed

Analysis Info

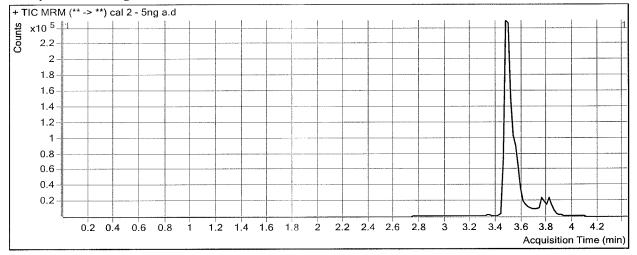
Acq Time2017-11-21 11:12Data Filecal 2 - 5ng a.dSample TypeCalibrationSample Namecal 2 - 5ng a

Dilution 1 Acq Method Screen THC 8-2017.m

Position P1-B1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



D	AC	п	te

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.493	42714	850732	0.0502	5.3504
THC-COOH	3.546	2 4028	289610	0.0830	5.4392
THC	3.840	1245	23311	0.0534	6.0126

Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

 Analysis Time
 11/21/2017 1:49 PM
 Analyst Name
 ISP Tox

 Report Time
 11/21/2017 1:51 PM
 Reporter Name
 ISP Tox

 Last Calib Update
 11/21/2017 1:49 PM
 Batch State
 Processed

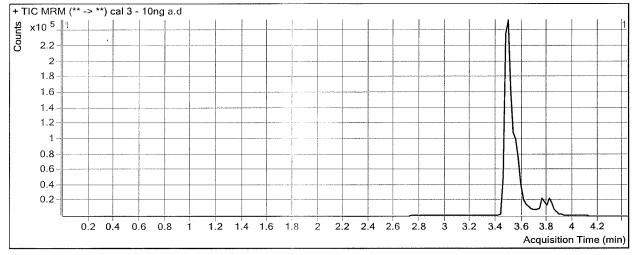
Analysis Info

Acq Time2017-11-21 11:19Data Filecal 3 - 10ng a.dSample TypeCalibrationSample Namecal 3 - 10ng aDilution1Acq MethodScreen THC 8-2017.m

Position P1-C1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Resu	ılts
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Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.493	79063	816036	0.0969	10.0350
THC-COOH	3 . 546	46703	272129	0.1716	10.0082
THC	3.840	2064	22810	0.0905	9.7197



ISP cann screen report.xlsx Printed at: 1:53 PM on: 11/21/2017

Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

 Analysis Time
 11/21/2017 1:49 PM
 Analyst Name
 ISP Tox

 Report Time
 11/21/2017 1:51 PM
 Reporter Name
 ISP Tox

 Last Calib Update
 11/21/2017 1:49 PM
 Batch State
 Processed

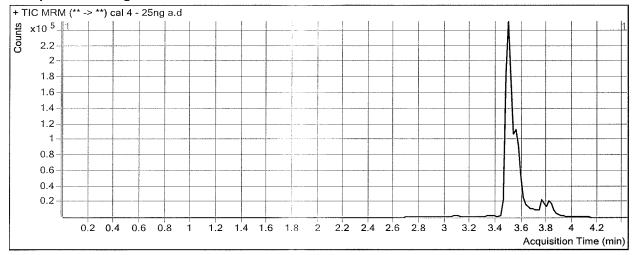
Analysis Info

Acq Time2017-11-21 11:26Data Filecal 4 - 25ng a.dSample TypeCalibrationSample Namecal 4 - 25ng aDilution1Acq MethodScreen THC 8-2017.m

Position P1-D1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



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Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.493	156204	669605	0.2333	23.7226
THC-COOH	3.546	100845	230542	0.4374	23.7069
THC	3.840	4661	21124	0.2206	22.7376

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Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

Analysis Time11/21/2017 1:49 PMAnalyst NameISP ToxReport Time11/21/2017 1:51 PMReporter NameISP ToxLast Calib Update11/21/2017 1:49 PMBatch StateProcessed

Analysis Info

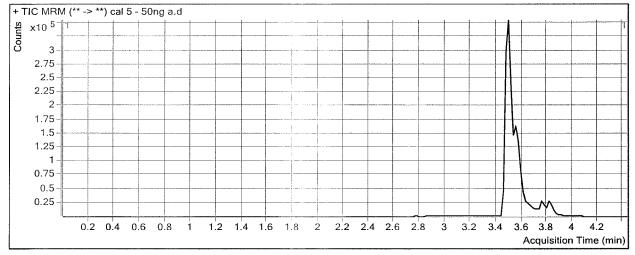
Acq Time2017-11-21 11:32Data Filecal 5 - 50ng a.dSample TypeCalibrationSample Namecal 5 - 50ng aDilution1Acq MethodScreen THC 8-2017.m

Position P1-E1 Sample Info

3.840

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Results					
Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.4 93	397379	795532	0.4995	50.4410
THC-COOH	3.5 46	234720	247397	0.9488	50.0594

11809

24741

0.4773

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48.4069

Printed at: 1:53 PM on: 11/21/2017

THC

Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

Analysis Time 11/21/2017 1:49 PM Analyst Name ISP Tox **Report Time** 11/21/2017 1:51 PM Reporter Name ISP Tox Last Calib Update 11/21/2017 1:49 PM Batch State Processed

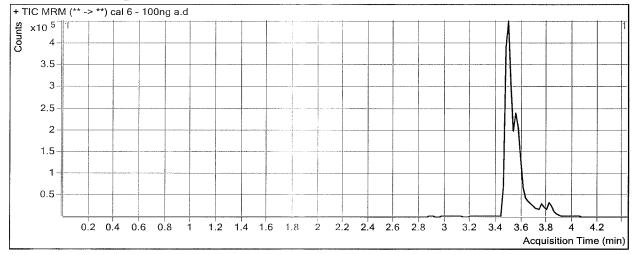
Analysis Info

Acq Time 2017-11-21 11:39 Data File cal 6 - 100ng a.d Sample Type Calibration Sample Name cal 6 - 100ng a **Dilution** Acq Method Screen THC 8-2017.m 1 **Position**

P1-F1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



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к	es	u	11	S

Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.493	732999	781158	0.9383	94.4811
THC-COOH	3.546	443418	248505	1.7843	93.1228
THC	3.820	22010	24857	0.8855	89.2301

Printed at: 1:53 PM on: 11/21/2017 ISP cann screen report.xlsx

Batch Data Path D:\2017 Data\11212017 am 26\QuantResults\112117 cann screen.batch.bin

11/21/2017 1:49 PM **Analysis** Time Analyst Name ISP Tox Reporter Name ISP Tox **Report Time** 11/21/2017 1:51 PM Last Calib Update 11/21/2017 1:49 PM Batch State Processed

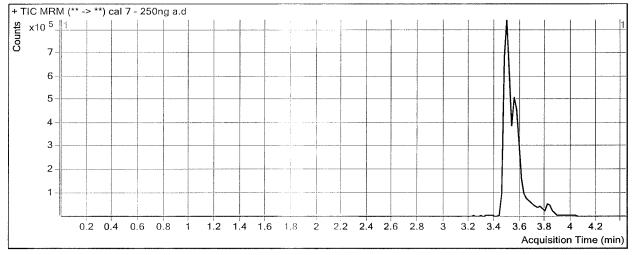
Analysis Info

Acq Time 2017-11-21 11:52 Data File cal 7 - 250ng a.d Sample Type Calibration Sample Name cal 7 - 250ng a **Dilution** 1 Acq Method Screen THC 8-2017.m

Position P1-G1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Results					
Compound	RT	Resp onse	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.4 93	1991581	781777	2.5475	255.9699
THC-COOH	3.546	1181119	237315	4.9770	257.6636
THC	3.840	65862	25024	2.6319	263.8931