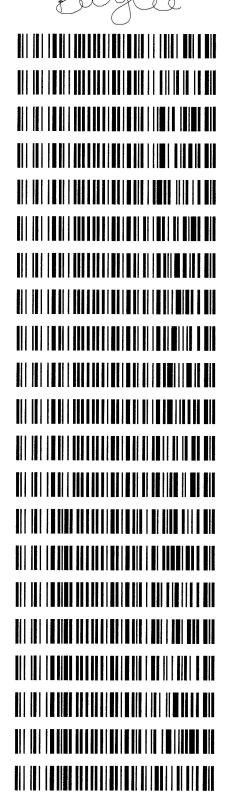
Worklist: 2062

LAB CASE C2017-2269	<u>ITEM</u> 1	<u>TASK ID</u> 99469	DESCRIPTION AM 25/AM 26 Blood MultiDrug/
02017-2203	•	99409	AIN 25/AIN 20 Blood Malabrag/
C2017-2307	1	100047	AM 25/AM 26 Blood MultiDrug/
C2017-2361	1	100476	AM 25/AM 26 Blood MultiDrug/
C2017-2362	1	100478	AM 25/AM 26 Blood MultiDrug/
C2017-2411	1	101035	AM 25/AM 26 Blood MultiDrug/
C2017-2415	1	101057	AM 25/AM 26 Blood MultiDrug/
C2017-2435	1	101153	AM 25/AM 26 Blood MultiDrug/
C2017-2436	1	101155	AM 25/AM 26 Blood MultiDrug/
C2017-2437	1	101157	AM 25/AM 26 Blood MultiDrug/
C2017-2438	1	101159	AM 25/AM 26 Blood MultiDrug/
C2017-2439	1	101161	AM 25/AM 26 Blood MultiDrug/
C2017-2450	1	101403	AM 25/AM 26 Blood MultiDrug/
C2017-2451	1	101410	AM 25/AM 26 Blood MultiDrug/
M2017-5023	1	100814	AM 25/AM 26 Blood MultiDrug/
M2017-5027	1	100815	AM 25/AM 26 Blood MultiDrug/
M2017-5037	2	100817	AM 25/AM 26 Blood MultiDrug/
M2017-5054	1	100816	AM 25/AM 26 Blood MultiDrug/
M2017-5088	1	101259	AM 25/AM 26 Blood MultiDrug/
M2017-5180	1	101260	AM 25/AM 26 Blood MultiDrug/
M2017-5196	2	101261	AM 25/AM 26 Blood MultiDrug/
M2017-5292	2	101055	AM 25/AM 26 Blood MultiDrug/





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

Extrac	etion Date: 12-4-7 Analyst: Anne Nord
Plate l	ot#:0515207 Plate Expiration:10/18/2018
0.5M . Blank LCMS	e phase A: 10mM Ammonium Formate Mobile phase B 0.1% Formic acid in MeOH Ammonium Hydroxide Ethyl Acetate Blood Lot: 17J20718 Column: Phenomenex Phenyl Hexyl (4.6x50mm: 2.6 um) 3-QQQ ID:62340
Pre-A	Analytic:
	Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes. Create worklist:
Anal	
	Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature. Pipette 250µL blood (calibrated pipette) Pipette ID: 1926134 in wells of analytical (standards) plate. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Shaker ID66759
	Pipette 250μL 0.5M ammonium hydroxide buffer in wells of analytical plate.
	Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
	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.
ᡚ 9.	Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left)
□ 10.	Add 900µL ethyl acetate and allow to flow for 5 minutes under gravity.
	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
13.	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: 120417 bleed 5(GLA AM 25-) 6 Batch Name: 120417 MOS P2
	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.
□ 3.	Did all QCs pass for each analyte? Y/N Natoxonc not continued .
☐ 4.	Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports
COMM	Maloxone not evaluated

X

Transition Acq Date-Time RT Resp. SNN M Transition Acq Date-Time RT Resp. SNN M Transition M SNN SNN SNN SNN SNN SNN SNN SNN SNN S	2/04/0	0.00/	3.22 Setudine-D3	ţ.	300.1 -/ 2/3	1210/	01000	0.000	11 O. C. 1 O. C. 1 N. W.		
Transition Acq Date Time RT Resign SN M Transition M SN M SN Name RT R- SSD Method S100 SSD 1100 SN M M SN Name RT R- SSD Method S100 SSD 1100 SSD Method SDD 1100 SDD 1100 SSD Method SDD 1100	343538	6.638		2/8	306 1 > 275		5/1088	6.680	12/5/2017 9:07 AM	306 1 -> 158	Sertraline
Transition Acq Date-Time RT Results (1982) 1973 1418 1	00061	0.000		270	204.0 7 77.1.0	12027	227642	6 660	10/E/0017 0:07 AM	38/ 7 -> 353	Ouetianine
Figure F	10866	8 280		1	71.3	521.92	382830	6.570	12/5/2017 9:07 AM	285.1 -> 86.2	Promethazine
Transiston	315876	5.194			133	-	27491	5.214	12/5/2017 9:07 AM	150.1 -> 65.2	Phentermine
Transition	166912	4.433		349	227	Infinity F	35022	4.454	12/5/2017 9:07 AM	V	Oxymorphone
Transition Aq. Jabe-Time RT Results Unimer TM, Unimer	213512	5.139		9.	2 -> 241		40085	5.180	12/5/2017 9:07 AM	V	Oxycodone
Tarisibon Aqui bari Aqui Aq	129006	6.386		1	287.1 -> 268	17.29	25215	6.406	12/5/2017 9:07 AM		Oxazepam
Transition Acq Dale-Tine PT Resp. SVM Unamer 1 M. Unamer 1 M. Unamer 1 M. Usulmer 1 M. Unamer 1 M. Un	855883	4.986		326	250.2 -> 42.3	44.09	171704	4.986	12/5/2017 9:07 AM	250.2 -> 58.3	O-desmethyl-tramadol
Tanisition	101400	4.937			302.1 -> 186	55.67	23035	4.959	12/5/2017 9:07 AM		Noroxycodone
Transition	51610	5.042			171	Infinity	2783	5.042	12/5/2017 9:07 AM	ľ	Norhydrocodone
Transition	610027	5.415			233.2 -> 55.3	1409.17	133233	5.436	12/5/2017 9:07 AM	ľ	Nortentanyl
Transition	82448	6.552	2.48 Nordiazepam-D5	18.	271.1 -> 208	174.76	26916	6.574	12/5/2017 9:07 AM	271.1 -> 140	Nordiazepam
Transition	29030	5.948		2	414.3 -> 57.3	870.19	6586	5.948	12/5/2017 9:07 AM		Norbuprenorphine
Transition	211176	5.258	1	Inf	342.2 -> 55.3	40.33	44250	5.319	12/5/2017 9:07 AM	↓	Naltrexone
Transition Acq Date-Time RT Results	288469	5.054		316	344.2 -> 308		69634	5.075	12/5/2017 9:07 AM	۱'n	Naltrexol
Transition Acq Dale-Time RT Results	268	5.320	Naloxone-D5		328.2 -> 211	Second			12/5/2017 9:07 AM	V	Naloxone
Transition Acq, Date-Time RT Resp. SIV Unabler 1 M. Cutal mer 1 M. Cutal m	2697	4.437		2,	286.2 -> 165		3516	4.498	12/5/2017 9:07 AM	ľ	Morphine
Transition Acq, Date-Time RT Resp. S/N 125/2017 9:07 AM 5.280 1106 6.60	18516	5.052			150.1 -> 119	1	83070	5.093	12/5/2017 9:07 AM	ľ	Methamphetamine
Transition Acq. Date-Time RT Resp. Sun Mi Transition Acq. Date-Time RT Resp. Sun Mi Transition Mi Svn Nanne RT Resp. Sun Mi Transition Mi Svn Nanne RT Resp. Sun Mi Transition Mi Svn Nanne RT Resp. Sun Su	11971.	6.483		822	310.2 -> 105	45.41	197467	6.484	12/5/2017 9:07 AM	V	Methadone
Transition Acq. Date-Time Art Date-Dime	12735	5.600		3	219.1 -> 97.1	650.42	23774	5.621	12/5/2017 9:07 AM		Meprobamate
Transition Acq. Date-Time RT Resp. S/M M Transition M S/M Name RT R Resp. S/M M Transition M S/M Name RT R Resp. S/M M Transition M S/M Name RT R Resp. S/M M Transition M S/M Name RT R Resp. S/M S/M Name RT R Resp. S/M	34795	5.965		Inf	220	988.92	81433	6.007	12/5/2017 9:07 AM		Ketamine
Transition Acq. Date-Time RT Resp. S/N M Transition MI S/N Name RT S/28.2 - 165 12/5/2017 9:07 AM 5.280 1106 6.60 1 328.2 - 211 1 9.96 6-MAM-D6 5.219 123.2 - 105 12/5/2017 9:07 AM 5.531 4.87 1.660 1 328.2 - 211 1 9.96 6-MAM-D6 5.219 123.2 - 105 12/5/2017 9:07 AM 5.531 4.87 1.660 1 328.2 - 218 1 9.96 6-MAM-D6 5.219 123.2 - 105 12/5/2017 9:07 AM 5.531 4.87 1.660 1 328.2 - 218 1 9.96 6-MAM-D6 5.219 1 5.219 1 225.1 - 227 12/5/2017 9:07 AM 6.379 6.697 1550.30 1 219.1 - 56.3 1 12.38 Acetyl Norfentanyl-D5 6.398 32.2 - 218 1 12/5/2017 9:07 AM 6.379 7839 3.49 1 32.51 215 1 12/5/2017 9:07 AM 6.379 8.052.9 8052.09 1 305.1 - 215 1 12.38 Acetyl Norfentanyl-D5 6.398 32.2 - 171 1 12/5/2017 9:07 AM 6.067 5.519 1 23.51 215 1 12/5/2017 9:07 AM 6.067 5.519 1 23.51 215 1 12/5/2017 9:07 AM 6.067 5.519 1 23.51 215 1 12/5/2017 9:07 AM 6.067 5.519 1 23.51 - 215 1 12/5/2017 9:07 AM 6.067 5.715 1 16/6/11 12/5/2017 9:07 AM 6.067 5.715 1 16/6/11 12/5/2017 9:07 AM 6.067 5.715 1 16/6/11 12/5/2017 9:07 AM 6.079 5.715 1 16/6/11 12/5/2017 9:07 AM 6.079 5.715 1 16/6/11 12/5/2017 9:07 AM 6.079 5.716 5.220 1 12/5/2017 9:07 AM 6.079 5.216. 1 12/5/2017 9:07 AM 6.079 5.216. 1 12/5/2017 9:07 AM 6.079 5.226 5.718 5.226 1 12/5/2017 9:07 AM 6.079 5.226 5.728 5.33 1 15.946 5.226 1 12/5/2017 9:07 AM 6.527 5.718 1 12/5/2017 9:07 AM 6.528 5.226 5.33 1 15.946 5.226 1 12/5/2017 9:07 AM 6.528 5.526 5.33 1 15.946 5.226 1 12/5/2017 9:07 AM 6.528 5.526 5.33 1 15.946 5.226 1 12/5/2017 9:07 AM 6.528 5.526 5.33 1 15.946 5.226 1 12/5/2017 9:07 AM 6.539 5.526 5.33 1 15.946 5.226 1 12/5/2017 9:07 AM 6.539 5.256 5.33 1 15.946 5.226 1 12/5/2017 9:07 AM 6.531 5.556 5.	5246	4.718			V	***************************************	15164	4.779	12/5/2017 9:07 AM	V	Hydromorphone
Fransition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Resp. S/N MI S/N Name RT Resp. S/N Name RT Resp. S/N MI S/N Name RT Resp. S/N S/N Name S/N	18215	5.405		Inf	-> 128		25507	5.448	12/5/2017 9:07 AM	V	Hydrocodone
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name T.	21351	5.139			-> 148	7	251292	6.383	12/5/2017 9:07 AM	310.1 -> 44.3	Fluoxetine
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/I Name RT Resp. S/N MI Transition MI S/I Name RT Resp. S/N MI Transition MI S/I Name RT RT Resp. S/N MI Transition MI S/N Name RT RT Rt Rt Rt Rt Rt Rt	13774.	6.357		Inf	v	7	30143	6.377	12/5/2017 9:07 AM	V	Fentanyl
Transition Acq. Date-Time RT Resp. S/N MI Transition Mcq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Resp. S/N MI Transition MI S/N Name RT RT Resp. S/N MI Transition MI S/N Name RT RT Resp. S/N MI Transition MI S/N Name RT RT Rt Rt Rt Rt Rt Rt	7215	6.164		676	-> 250.		159591	6.143	12/5/2017 9:07 AM	V	EDDP
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Resp. S/N Name RT Resp. S/N MI Transition MI S/N Name RT Resp. S/N S/N Name RT Resp. S/N Name RT S/N Name RT Resp. S/N S/N Name RT Resp. S/N S/N Name RT Resp. S/N	13168.	5.818		6:	V		256957	5.819	12/5/2017 9:07 AM		Doxylamine
Transition	15161	6.168		13	-> 152		273874	6.169	12/5/2017 9:07 AM		Diphenhydramine
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Resp. S/N MI Transition MI S/N Name RT Resp. S/N MI Transition MI S/N Name RT RT Resp. S/N MI Transition MI S/N Name RT RT Resp. S/N MI Transition MI S/N Name RT RT RESp. S/N MI Transition MI S/N Name RT RT RESp. S/N MI Transition MI S/N Name RT RT RT RT RT RT RT R	11217	4.957		2:	v	65.37	21307	4.999	12/5/2017 9:07 AM		Dihydrocodeine
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT R. 5.280 1106 6.60	17425	6.690		7,	V		37148	6.711	12/5/2017 9:07 AM		Diazepam
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT Resp. 22.2 → 165 12/5/2017 9:07 AM 5.280 1106 6.600	24173	5.535		90	٧		45837	5.556	12/5/2017 9:07 AM		Dextrorphan
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI Transition MI S/N MI Transition MI Name RT R R P Call 1-1a Hesuits Qualifier 1 M Qualifier 1 M Qualifier 1 M ISTD Method ISTD Reform R R R R R R R R R F F E323 MI Transition MI S/N Name RT F F 1282.2 -> 165 12/5/2017 9:07 AM 5.531 4187 Infinity 286.1 -> 222 Infinity 7-Aminoclonazepam-D4 5.510 123.2 -> 105 12/5/2017 9:07 AM 4.969 6697 1550.30 219.1 -> 263 12.38 Acetyl Norfentanyl-D5 4.929 </td <td>28486</td> <td>6.268</td> <td></td> <td>42</td> <td>٧</td> <td>www.</td> <td>60333</td> <td>6.269</td> <td>12/5/2017 9:07 AM</td> <td>V</td> <td>Dextromethorphan</td>	28486	6.268		42	٧	www.	60333	6.269	12/5/2017 9:07 AM	V	Dextromethorphan
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT F.219 RES > 165 12/5/2017 9:07 AM 5.280 1106 6.60	59305	6.510	9.13 Cyclobenzaprine-D3	21:	٧	-	115846	6.531	12/5/2017 9:07 AM	276.2 -> 214	Cyclobenzaprine
Transition Acq. Date-Time RI Resp. S/N MI Transition MI S/N Name RI F F 282.2 -> 165 12/5/2017 9:07 AM 5.280 1106 6.60 286.1 -> 222 ✓ Infinity 7-Aminoclonazepam-D4 5.219 286.1 -> 212 12/5/2017 9:07 AM 6.177 26137 20.54 323.2 -> 188 ✓ Infinity 7-Aminoclonazepam-D4 5.510 19.1 -> 84.2 12/5/2017 9:07 AM 4.969 6697 1550.30 219.1 -> 56.3 ✓ 112.38 Acetyl Fentanyl-D5 4.929	3139	5.161		93	٧	22.02	7789	5.225	12/5/2017 9:07 AM	V	Codeine
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI Transition MI S/N MI Transition MI Name RT RT Resp. S/N MI Transition MI S/N Name RT F F 28.2. → 165 12/5/2017 9:07 AM 5.280 1106 6.60 © 328.2 → 211 © 9.96 6-MAM-D6 5.219 5.219 286.1 → 121 12/5/2017 9:07 AM 6.177 26137 20.54 © 323.2 → 188 © 16.96 Acetyl Fentanyl-D5 6.175 19.1 → 84.2 12/5/2017 9:07 AM 4.969 6697 1550.30 © 219.1 → 56.3 © 12.38 Acetyl Fentanyl-D5 4.929 <td>3658</td> <td>6.320</td> <td></td> <td>4</td> <td>V</td> <td>200.73</td> <td>21653</td> <td>6.320</td> <td>12/5/2017 9:07 AM</td> <td></td> <td>Clonazepam</td>	3658	6.320		4	V	200.73	21653	6.320	12/5/2017 9:07 AM		Clonazepam
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI Transition MI S/N MI Transition MI Name RT RT Resp. S/N MI Transition MI S/N Name RT F F 28.2 -> 165 12/5/2017 9:07 AM 5.280 1106 6.60 286.1 -> 222 MI S/N Name RT F 28.1 -> 121 12/5/2017 9:07 AM 5.531 4187 Infinity M 286.1 -> 222 MI 7-Aminoclonazepam-D4 5.510 23.2 -> 105 12/5/2017 9:07 AM 4.969 6697 1550.30 219.1 -> 56.3 M 96.96 Acetyl Fentanyl-D5 6.175 1 19.1 -> 281 12/5/2017 9:07 AM 6.379 7839 34.94 325.1 -> 215 S1.79 a-hydroxyalprazolam-D5 6.398 25.1 -> 295 12/5/2017 9:07 AM 5.804 84220 9428.61 232.2 -> 77.1 27.94 alpha-PV	89675	6.175		41	٠	64.42	183247	6.176	12/5/2017 9:07 AM		Citalopram
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI Transition MI S/N MI S/N MI Transition MI S/N Name RT RT RT Resp. S/N MI Transition MI S/N Name RT RT F 28.2.2 -> 165 12/5/2017 9:07 AM 5.280 1106 6.60	41183	6.126		5	55.3	9961.34	57570	6.127	12/5/2017 9:07 AM	261.2 -> 176	Carisoprodol
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI Transition MI S/N MI S/N MI S/N MI Transition MI S/N Name RT RT R R R R R R R S/N MI Transition MI S/N Name RT R R F S/N MI Transition MI S/N Name RT R F 228.2 221.1 T 9.96 6-MAM-D6 RT R <td>4702</td> <td>5.986</td> <td></td> <td></td> <td>131</td> <td></td> <td>5715</td> <td>6.067</td> <td>12/5/2017 9:07 AM</td> <td>240.1 -> 184</td> <td>Bupropion</td>	4702	5.986			131		5715	6.067	12/5/2017 9:07 AM	240.1 -> 184	Bupropion
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI Transition MI S/N Name RT RT Resp. S/N MI Transition MI S/N Name RT F RT Resp. S/N MI Transition MI S/N Name RT F RT F 28.2.2 -> 165 12/5/2017 9:07 AM 5.280 1106 6.60 2328.2 -> 211 1 9.96 6-MAM-D6 8.71 8.510 86.1 -> 12.5/2017 9:07 AM 5.531 4187 Infinity ✓ 286.1 -> 222 ✓ Infinity 7-Aminoclonazepam-D4 5.510 19.1 -> 84.2 12/5/2017 9:07 AM 4.969 6697 1550.30 7 219.1 -> 56.3 7 12.38 Acetyl Fentanyl-D5 4.929 4.929 4.929 4.929 4.929 4.929 4.929 4.929 4.929 4.929 4.929 4.929 4.929 4.929 4.929	10405	4.870		<u></u>	-> 119	23.43	90370	4.911	12/5/2017 9:07 AM	136.1 -> 91.1	Amphetamine
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI S/N MI S/N MI S/N MI S/N MI S/N Name RT F 28.2. → 165 12/5/2017 9:07 AM 5.280 1106 6.60 328.2 → 211 9.96 6-MAM-D6 5.219 5.219 286.1 → 121 12/5/2017 9:07 AM 5.531 4187 Infinity 286.1 → 222 2 Infinity 7-Aminoclonazepam-D4 5.510 123.2 → 105 12/5/2017 9:07 AM 6.177 26137 20.54 323.2 → 188 96.96 Acetyl Fentanyl-D5 6.175 1 19.1 → 84.2 12/5/2017 9:07 AM 4.969 6697 1550.30 219.1 → 56.3 12.38 Acetyl Norfentanyl-D5 4.929 4 25.1 → 297 12/5/2017 9:07 AM 6.379 7839 34.94 325.1 → 215 81.79 a-hydroxyalprazolam-D5 6.398 32.2 → 91.0 12/5/2017 9:07 AM 5.804 84220 9428.61 232.2 → 77.1 27.94 alpha-PVP-d8 5.761 4 <td>22061</td> <td>6.464</td> <td></td> <td>12</td> <td>V</td> <td>8052.09</td> <td>55259</td> <td>6.485</td> <td>12/5/2017 9:07 AM</td> <td>309.1 -> 281</td> <td>Alprazolam</td>	22061	6.464		12	V	8052.09	55259	6.485	12/5/2017 9:07 AM	309.1 -> 281	Alprazolam
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI S/Resp. S/N MI Transition MI S/N Name RT F 28.2. → 165 12/5/2017 9:07 AM 5.280 1106 6.60 7 328.2 → 211 7 9.96 6-MAM-D6 5.219 5.219 286.1 → 121 12/5/2017 9:07 AM 5.531 4187 Infinity 286.1 → 222 7 Infinity 7-Aminoclonazepam-D4 5.510 123.2 → 105 12/5/2017 9:07 AM 6.177 26137 20.54 323.2 → 188 7 96.96 Acetyl Rentanyl-D5 6.175 1 119.1 → 84.2 12/5/2017 9:07 AM 4.969 6697 1550.30 219.1 → 56.3 7 12.38 Acetyl Norfentanyl-D5 4.929 4 25.1 → 297 12/5/2017 9:07 AM 6.379 7839 34.94 325.1 → 215 81.79 a-hydroxyalprazolam-D5 6.398	44967	5.761		2	232.2 -> 77.1	9428.61	84220	5.804	12/5/2017 9:07 AM	232.2 -> 91.0	alpha-PVP
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI S/N MI S/N MI S/N MI S/N Name RT F	3530	6.398			325.1 -> 215	34.94	7839	6.379	12/5/2017 9:07 AM		a-hydroxyalprazolam
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI S/N MI S/N MI S/N MI S/N MI S/N MI Franchiton MI S/N MI Fransition MI S/N MI Fransition MI S/N Name RT F 28.2> 165 12/5/2017 9:07 AM 5.280 1106 6.60 328.2 -> 211 9.96 6-MAM-D6 5.219 86.1 -> 121 12/5/2017 9:07 AM 5.531 4187 Infinity 286.1 -> 222 V Infinity 7-Aminoclonazepam-D4 5.510 23.2 -> 105 12/5/2017 9:07 AM 6.177 26137 20.54 323.2 -> 188 96.96 Acetyl Fentanyl-D5 6.175 1	43347	4.929			219.1 -> 56.3	1550.30	6697	4.969	12/5/2017 9:07 AM	219.1 -> 84.2	Acetyl Norfentanyl
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT F.28.2 → 165 12/5/2017 9:07 AM 5.280 1106 6.60	14790.	6.175		9.	V	20.54	26137	6.177	12/5/2017 9:07 AM	V	Acetyl Fentanyl
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N MI S/N MI S/N MI S/N MI S/N MI S/N Acq. Date-Time RT F F S/N MI Transition MI S/N Name RT F 28.2 -> 165 12/5/2017 9:07 AM 5.280 1106 6.60 T 328.2 -> 211 T 9.96 6-MAM-D6 5.219	1640	5.510			-	,	4187	5.531	12/5/2017 9:07 AM	V	7-aminoclonazepam
Transition Acq. Date-Time RT Resp. S/N MI Transition MI S/N Name RT	4790	5.219	9.96 6-MAM-D6		V	6.60	1106	5.280	12/5/2017 9:07 AM	V	6-MAM
p cal - la	Resp.	곡	William and the				Resp.	RT	Acq. Date-Time	Transition	Name
	Results	ISTD	1 R ISTD Method	Qualifier :		Results	o1 cal 1-1a l		p1 cal 1-1a	hod	Compound Method





	Compound Method	ōd	p1 cal 1-1a	. 0	p1 cal 1-1a Results	Results		Qualifier 1 M	Sin Co	Qualifier 1 R	ISTD Method	ISTDI	ISTD Results
	Name	Transition	Acq. Date-Time	RT	Resp.	S/N N	_ ≤	S/N MI Transition	≦	S/N	Name	꾸	Resp.
	Temazepam	301.1 -> 255	301.1 -> 255 12/5/2017 9:07 AM	6.527	6.527 77871	90.62	_	90.62	*******	Infinity	Infinity Temazepam-D5	6.527	6.527 383299
	Tramadol	264.2 -> 58.3	264.2 -> 58.3 12/5/2017 9:07 AM	5.555	5.555 229312	Infinity T		Infinity 1 264.2 -> 43.3		Infinity	Infinity Tramadol-13C-D3	5.554 10808	10808
	Trazodone	372.2 -> 176	372.2 -> 176 12/5/2017 9:07 AM	6.822	6.822 248647	Infinity T		Infinity 372.2 -> 148	Name of Street, or other last	340.37	340.37 Trazodone-D6	6.802 11176.	11176
T	Venlafaxine	278.2 -> 58.3	278.2 -> 58.3 12/5/2017 9:07 AM	5.899	5.899 227403	Infinity		Infinity 278.2 -> 260		9.61	9.61 Venlafaxine-D6	5.898	5.898 10797
Γ	Zolpidem	308.2 -> 235	308.2 -> 235 12/5/2017 9:07 AM	6.384	229612	34669		6.384 229612 34669	'onsoreg	214.05	214.05 Zolpidem-D6	6.382 11745	11745



Compound Method	8	p1 negative	p	p1 negative Results	Results		Qualifier 1 M	Qualifie	e.	ISTD Method	ISTD	ISTD Results
Name	Transition	Acq. Date-Time	곱	Resp.		≦		<u>M</u> ⊗	S/N	Name	円	Resp.
6-MAM	328.2 -> 165	12/4/2017 3:21 PM					328.2 -> 211	- 1	_	6-MAM-D6	5.219	45334
7-aminoclonazepam	٠,	12/4/2017 3:21 PM					-> 22			7-Aminoclonazepam-D4	5.510	80849
Acetyl Fentanyl	323.2 -> 105	12/4/2017 3:21 PM					323.2 -> 188			Acetyl Fentanyl-D5	6.134	1306847
Acetyl Norfentanyl	219.1 -> 84.2	12/4/2017 3:21 PM					219.1 -> 56.3			Acetyl Norfentanyl-D5	4.929	414404
a-hydroxyalprazolam	325.1 -> 297	12/4/2017 3:21 PM				1	325.1 -> 215			a-hydroxyalprazolam-D5	6.378	35300
alpha-PVP	232.2 -> 91.0	12/4/2017 3:21 PM					232.2 -> 77.1			alpha-PVP-d8	5.741	515877
Alprazolam	309.1 -> 281	12/4/2017 3:21 PM	6.322	4157	611.03		309.1 -> 205			Alprazolam-D5	6.464	208786
Amphetamine	136.1 -> 91.1	12/4/2017 3:21 PM	4.931	19506	5.40		136.1 -> 119			Amphetamine-D11	4.850	101645
Bupropion	240.1 -> 184	12/4/2017 3:21 PM					240.1 -> 131			Bupropion-D9	5.965	446259
Carisoprodol	261.2 -> 176	12/4/2017 3:21 PM				-	261.2 -> 55.3			Carisoprodol-D7	6.106	364822
Citalopram	325.2 -> 109	12/4/2017 3:21 PM	6.155	1671	1.50		325.2 -> 262		_	Citalopram-D6	6.154	818457
Clonazepam	316.1 -> 269	12/4/2017 3:21 PM				-	316.1 -> 213	Sept.	_	Clonazepam-D4	6.320	38625
Codeine	300.2 -> 215	12/4/2017 3:21 PM				***************************************	300.2 -> 165	- Control	_	Codeine-D6	5.140	27106
Cyclobenzaprine	276.2 -> 214	12/4/2017 3:21 PM	6.511	386	Infinity	***************************************	٧	0.	0.82	Cyclobenzaprine-D3	6.510	546500
Dextromethorphan	272.2 -> 171	12/4/2017 3:21 PM	6.329	226	0.35	, encounty	7	0	0.86	Dextromethorphan-D3	6.248	260732
Dextrorphan	258.2 -> 157	12/4/2017 3:21 PM	5.556	414	1.42		-> 133			Dextrorphan-D3	5.535	229719
Diazepam	285.1 -> 193	12/4/2017 3:21 PM		werner new			285.1 -> 153		_	Diazepam-D5	6.690	173912
Dihydrocodeine	V	12/4/2017 3:21 PM					-> 12		L	Dihydrocodeine-D6	4.936	103582
Diphennydramine	ľ	12/4/201 / 3:21 PM		-			ľ		_	Diphenhydramine-D3	6.148	1416474
Doxylamine	· V	12/4/2017 3:21 PM				1	۱۷			Doxylamine-D5	5.818	1188763
	V	12/4/201/ 3:21 PM	6.164	264	0.64		۱۷	į.	2.55	EDDP-D3	6.164	87221
Fliovetine	310 1 -> 44 3	12/4/2017 3:21 PM					310 1 > 140	-	-	Pentanyi-U5	0.336	200274
Hydrocodone	300.2 -> 198	12/4/2017 3:21 PM						_	_	Hydrocodone-D6	7 385	150738
Hydromorphone	۷	12/4/2017 3:21 PM					v			8	4.698	52561
Ketamine	238.1 -> 125	12/4/2017 3:21 PM					-> 22(100	_	Ketamine-D4	5.965	341348
Meprobamate	219.1 -> 158	12/4/2017 3:21 PM				1	219.1 -> 97.1	******	_	Meprobamate-D7	5.600	124339
Methadone	310.2 -> 265	12/4/2017 3:21 PM					310.2 -> 105		_	Methadone-D9	6.463	1073790
Methamphetamine	150.1 -> 91.1	12/4/2017 3:21 PM	5.133	34252	1.49		150.1 -> 119		_	Methamphetamine-D11	5.052	200921
Morphine	286.2 -> 201	12/4/2017 3:21 PM					286.2 -> 165		_	Morphine-D6	4.437	2383
Naloxone	328.2 -> 309	12/4/2017 3:21 PM					328.2 -> 211		_	Naloxone-D5		
Naltrexol	V	12/4/2017 3:21 PM	5.258	4794	2229.31		344.2 -> 308		_	Naltrexol-D3	5.054	263404
Naltrexone	V	12/4/2017 3:21 PM					342.2 -> 55.3	***	-	Naltrexone-D3	5.237	180142
Norbuprenorphine		12/4/2017 3:21 PM		-			414.3 -> 57.3		_	Norbuprenorphine-D3	5.948	25411
Nordiazepam	271.1 -> 140	12/4/2017 3:21 PM					20		"	Nordiazepam-D5	6.552	87146
Nortentanyl	۱'n	12/4/2017 3:21 PM	5.415	591	2.42		V	0.	0.94	Norfentanyl-D5	5.395	627214
Norhydrocodone	286.2 -> 199	12/4/2017 3:21 PM					1		 	Norhydrocodone-D3	5.042	50362
Noroxycodone	302.1 -> 284	12/4/2017 3:21 PM				7794	302.1 -> 186		_	Noroxycodone-D3	4.937	101649
O-desmethyl-tramadol	250.2 -> 58.3	12/4/2017 3:21 PM	4.946	3156	1.45		250.2 -> 42.3	0	0.44	O-desmethyl-tramadol	4.966	779734
Oxazepam	287.1 -> 240	12/4/2017 3:21 PM					287.1 -> 268		_	Oxazepam-D5	6.386	145525
Oxycodone	316.2 -> 298	12/4/2017 3:21 PM					316.2 -> 241		_	Oxycodone-D6	5.119	209374
Oxymorphone	302.1 -> 284	12/4/2017 3:21 PM					302.1 -> 227		_	Oxymorphone-D3	4.413	177362
Phentermine	150.1 -> 65.2	12/4/2017 3:21 PM					150.1 -> 133		_	Phentermine-D5	5.194	299747
Promethazine	285.1 -> 86.2	12/4/2017 3:21 PM	6.570	933	1.89		285.1 -> 71.3	0.	0.75	Promethazine-D3	6.569	1910201
Quetiapine	384.2 -> 253	12/4/2017 3:21 PM	6.660	1234	9.96		384.2 -> 221		1.27		6.618	299861
Sertraline	306.1 -> 158	12/4/2017 3:21 PM					306.1 -> 275	, in	-	Sertraline-D3	6.667	281695
	-		-									



	Compound Method	bor	p1 negative	p	p1 negative Results	Results		Qualifier 1 M	Que	Qualifie	ISTD Method	ISID	ISTD Results
	Name	Transition	Acq. Date-Time	RT	Resp.	S/N	≤	MI Transition	≤	M/S/N	Name	꼽	Resp.
	Temazepam	301.1 -> 255	301.1 -> 255 12/4/2017 3:21 PM					301.1 -> 283			Temazepam-D5	6.527	6.527 417106
I	Tramadol	264.2 -> 58.3	264.2 -> 58.3 12/4/2017 3:21 PM				Action of the second	264.2 -> 43.3			Tramadol-13C-D3	5.534	5.534 1080989
Ī	Trazodone	372.2 -> 176	372.2 -> 176 12/4/2017 3:21 PM				Ţ	372.2 -> 148			Trazodone-D6	6.781	6.781 990323
Π	Venlafaxine	278.2 -> 58.3	278.2 -> 58.3 12/4/2017 3:21 PM				***************************************	278.2 -> 260			Venlafaxine-D6	5.898	992229
T	Zolpidem	308.2 -> 235	308.2 -> 235 12/4/2017 3:21 PM	6.384	1413	228.48	****	6.384 1413 228.48 308.2 -> 263	7	1.63	1.63 Zolpidem-D6	6.382	6.382 1054836



Compound Method	thod	p1 external control	p1 e	external co	p1 external control Results		Qualifier 1 M	ō	Qualifier 1	ISTD Method	ISTD	Results
Name	Transition	Acq. Date-Time	RT	Resp.	S/N		Transition	₹	S/N	Name	꼭	Resp.
6-MAM	328.2 -> 165	12/4/2017 3:40 PM				1	328.2 -> 211	7	ļ.	6-MAM-D6	5.219	44157
7-aminoclonazepam	286.1 -> 121	12/4/2017 3:40 PM			7300000002		-> 2:	٦		7-Aminoclonazepam-D4	5.510	93563
Acetyl Fentanyl	323.2 -> 105	12/4/2017 3:40 PM								Acetyl Fentanyl-D5	6.155	12767
Acetyl Norfentanyl	219.1 -> 84.2	12/4/2017 3:40 PM			**************************************		219.1 -> 56.3	٦		Acetyl Norfentanyl-D5	4.929	414028
a-hydroxyalprazolam	325.1 -> 297	12/4/2017 3:40 PM			Second	, week	325.1 -> 215			a-hydroxyalprazolam-D5	6.378	33721
alpha-PVP	232.2 -> 91.0	12/4/2017 3:40 PM			Taxanage .		232.2 -> 77.1			alpha-PVP-d8	5.741	524928
Alprazolam	309.1 -> 281	12/4/2017 3:40 PM	6.302	4115	30.79					Alprazolam-D5	6.464	204085
Amphetamine	136.1 -> 91.1	12/4/2017 3:40 PM	4.931	26978	12.83		136.1 -> 119			Amphetamine-D11	4.850	90904
Bupropion	240.1 -> 184	12/4/2017 3:40 PM			2000000		240.1 -> 131			Bupropion-D9	5.986	457667
Carisoprodol	261.2 -> 176	12/4/2017 3:40 PM	***********				261.2 -> 55.3	~~[Carisoprodol-D7	6.106	381500
Citalopram	325.2 -> 109	12/4/2017 3:40 PM			200004		325.2 -> 262	٦		Citalopram-D6	6.154	801912
Clonazepam	316.1 -> 269	12/4/2017 3:40 PM				.teacor	316.1 -> 213			Clonazepam-D4	6.320	36331
Codeine	300.2 -> 215	12/4/2017 3:40 PM	5.204	54529	77.38		300.2 -> 165	7	1378	Codeine-D6	5.140	30715
Cyclobenzaprine	276.2 -> 214	12/4/2017 3:40 PM			waren.	-	276.2 -> 231			Cyclobenzaprine-D3	6.510	569006
Dextromethorphan	272.2 -> 171	12/4/2017 3:40 PM			anneagy (V			Dextromethorphan-D3	6.248	262584
Dextrorphan	258.2 -> 157	12/4/2017 3:40 PM				-	258.2 -> 133	******		Dextrorphan-D3	5.535	221231
Diazepam	285.1 -> 193	12/4/2017 3:40 PM			annest.	-	ν	7		Diazepam-D5	6.690	172061
Dihydrocodeine	302.2 -> 198	12/4/2017 3:40 PM			Taxong .	_	302.2 -> 128			Dihydrocodeine-D6	4.936	105329
Diphenhydramine	256.2 -> 167	12/4/2017 3:40 PM	6.169	33482	448.02		256.2 -> 152		242.58	Diphenhydramine-D3	6.148	14689
Doxylamine	271.2 -> 182	12/4/2017 3:40 PM					271.2 -> 167	٦		Doxylamine-D5	5.818	12090
EDDP	279.2 -> 235	12/4/2017 3:40 PM			-micros		279.2 -> 250	-		EDDP-D3	6.164	95358
Fentanyl	337.2 -> 105	12/4/2017 3:40 PM			- Western		337.2 -> 188			Fentanyl-D5	6.336	12663
Fluoxetine		12/4/2017 3:40 PM			E SOURCE		310.1 -> 148	-		Oxycodone-D6	5.119	208695
Hydrocodone	300.2 -> 198	12/4/2017 3:40 PM	5.204	24701	11.22		300.2 -> 128		Infinity	Hydrocodone-D6	5.385	160319
Hydromorphone		12/4/2017 3:40 PM			moon		286.2 -> 157			Hydromorphone-D6	4.698	49597
Ketamine	238.1 -> 125	12/4/2017 3:40 PM			anceq.		238.1 -> 220	***************************************		Ketamine-D4	5.965	365565
Meprobamate	219.1 -> 158	12/4/2017 3:40 PM			*zeiconigi	-	219.1 -> 97.1			Meprobamate-D7	5.600	124222
Methadone	310.2 -> 265	12/4/2017 3:40 PM			gooden		310.2 -> 105			Methadone-D9	6.483	10768
Methamphetamine	150.1 -> 91.1	12/4/2017 3:40 PM	5.093	31964	2.15		150.1 -> 119	ORDER OF THE PERSON		Methamphetamine-D11	5.052	196653
Morphine	286.2 -> 201	12/4/2017 3:40 PM	4.478	64647	Infinity		286.2 -> 165		999.67	Morphine-D6	4.417	2343
Naloxone	328.2 -> 309	12/4/2017 3:40 PM			parioni	- Value	328.2 -> 211	1		Naloxone-D5	5.320	254
Naltrexol	344.2 -> 326	12/4/2017 3:40 PM	5.278	4088	8.82		344.2 -> 308			Naltrexol-D3	5.034	245540
Naltrexone	342.2 -> 324	12/4/2017 3:40 PM			20004	-	342.2 -> 55.3	******		Naltrexone-D3	5.237	176548
Norbuprenorphine	414.3 -> 101	12/4/2017 3:40 PM			anneg		414.3 -> 57.3	-	*******	Norbuprenorphine-D3	5.948	25238
Nordiazepam	271.1 -> 140	12/4/2017 3:40 PM				-	271.1 -> 208	m į		Nordiazepam-D5	6.552	89025
Norfentanyl	233.2 -> 84.2	12/4/2017 3:40 PM			Monoon Co.		233.2 -> 55.3			Norfentanyl-D5	5.395	586277
Norhydrocodone	286.2 -> 199	12/4/2017 3:40 PM			entenny.		286.2 -> 171	**************************************		Norhydrocodone-D3	5.022	49185
Noroxycodone	302.1 -> 284	12/4/2017 3:40 PM			**************************************		302.1 -> 186			Noroxycodone-D3	4.937	99372
O-desmethyl-tramadol	250.2 -> 58.3	12/4/2017 3:40 PM	4.966	1879	1.24		250.2 -> 42.3	***************************************	0.73	O-desmethyl-tramadol	4.966	775437
Oxazepam	287.1 -> 240	12/4/2017 3:40 PM			guores.		287.1 -> 268	7		Oxazepam-D5	6.386	137627
Oxycodone	316.2 -> 298	12/4/2017 3:40 PM			Personal Personal		316.2 -> 241			Oxycodone-D6	5.119	208695
Oxymorphone	302.1 -> 284	12/4/2017 3:40 PM				- Witte	302.1 -> 227			Oxymorphone-D3	4.413	171281
Phentermine	150.1 -> 65.2	12/4/2017 3:40 PM			vocalsky;		150.1 -> 133			Phentermine-D5	5.194	282943
Promethazine	285.1 -> 86.2	12/4/2017 3:40 PM	6.509	265	0.81	-	285.1 -> 71.3		1.28	Promethazine-D3	6.569	19034
Quetiapine	384.2 -> 253	12/4/2017 3:40 PM			Same	- I	384.2 -> 221	***************************************		Quetiapine-D8	6.618	305173
Sertraline	306.1 -> 158	12/4/2017 3:40 PM			hoom	_	306.1 -> 275			Sertraline-D3	6.667	287346



-	Compound Method	iod	p1 external control	p1 6	external cor	p1 external control Results		Qualifier 1 M	ည	Qualifier 1	ISTD Method	ISTD	ISTD Results
************	Name	Transition	Acq. Date-Time	RT	Resp.	S/N	≦	MI Transition	≦	S/N	Name	꼭	Resp.
П	Temazepam	301.1 -> 255	301.1 -> 255 12/4/2017 3:40 PM				٦	301.1 -> 283	٦		Temazepam-D5	6.527	6.527 394579
	Tramadol	264.2 -> 58.3	264.2 -> 58.3 12/4/2017 3:40 PM				7	264.2 -> 43.3	and the same of		Tramadol-13C-D3	5.534	5.534 10888
1	Trazodone	372.2 -> 176	372.2 -> 176 12/4/2017 3:40 PM				7	372.2 -> 148	7		Trazodone-D6	6.781	6.781 10003
Tanana a	Venlafaxine	278.2 -> 58.3	278.2 -> 58.3 12/4/2017 3:40 PM				7	278.2 -> 260	-1		Venlafaxine-D6	5.898	10392
T	Zolpidem	308.2 -> 235	308.2 -> 235 12/4/2017 3:40 PM	6.587	1395		٦	239.06 308.2 -> 263	7	1.72	1.72 Zolpidem-D6	6.382	10956



Zopiclone	Zaleplon	Verapamil	Trimipramine	Tapentadol	Pseudoephedrine	Protriptyline	Propoxyphene	Primidone	Prazepam	Phenytoin	Phencyclidine	Phenazepam	Pentazocine	Ondansetron	Nortriptyline	Norpropoxyphene	Normeperidine	Mitragynine	Mirtazapine	Midazolam	Metoprolol	Methylphenidate	Meperidine	MDMA	MDEA	MDA	Maprotiline	Levamisole	Imipramine	Flurazepam	Flunitrazepam	Estazolam	Doxepin	Desipramine	Cocaine	Clomipramine	Chlordiazepoxide	Carbamazepine	Benzoylecgonine	Amoxapine	Amitriptyline	alpha-hydroxymidazolam	7-aminoflunitrazepam	Name	Compound Method
389.1 -> 244	306.1 -> 236	455.3 -> 165	V	222.2 -> 107	V	264.2 -> 155	340.2 -> 58.3	219.1 -> 91.2	325.1 -> 271	253.1 -> 104	244.2 -> 86.2	349.0 -> 206	286.2 -> 218	294.2 -> 184	264.2 -> 91.2	326.2 -> 44.3	234.1 -> 42.3	399.2 -> 174	266.2 -> 195	326.1 -> 223	268.2 -> 116	V	248.2 -> 220	V	208.1 -> 163	180.1 -> 163	278.2 -> 91.2	205.1 -> 91.2	281.2 -> 86.2	388.2 -> 315	314.1 -> 268	295.1 -> 267	280.2 -> 107	267.2 -> 72.3	304.2 -> 182	315.2 -> 86.2	300.1 -> 227	237.1 -> 193	290.1 -> 168	314.1 -> 271	278.2 -> 91.2	342.1 -> 324	284.1 -> 135	Transition	od
12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	12/4/2017 3:11 PM	Acq. Date-Time	p2 cal 1-1b					
6.364	6.228	6.383	6.658	5.547	4.702	6.420	6.428	5.385	6.937	6.033	6.014	6.508	5.762	6.067	6.501	6.327	5.689	6.384	6.399	6.632	5.519	5.668	5.809	5.184	5.323	5.044	6.498	5.344	6.558	6.405	6.431	6.393	6.335	6.459	5.780	6.878	6.596	6.137	5.312	6.594	6.620	6.468	5.700	RT	
15181	59799	186006	403414	149409	743088	556151	238110	11411	189530	3260	207466	55118	121880	101158	119122	40228	70589	69123	193229	22122	22420	301453	58685	86037	100805	43902	67118	56217	410620	153263	45802	53010	131983	277788	147262	336925	39585	26973	14677	53366	181259	59258	31298	Resp.	p2 cal 1-1b Results
39.94	128.34	22233	2349.43	Infinity	104.33	73084	9033.17	7.69	595.07	21.91	925.09	7711.51	50.15	52.76	Infinity 🔽	Infinity	773.48	489.20	82.69	89.52	239.11	224.44	118.15	437.66	12473	410.87	Infinity	Infinity	75859	35.57	Infinity	140.91	Infinity	Infinity	21756	393.34	51.78	11032	8111.24	76.45	Infinity	54.88	8177.46	S/N MI	Results
389.1 -> 216	* 306.1 -> 264	455.3 -> 150	295.2 -> 58.3	222.2 -> 121	166.1 -> 133	264.2 -> 161	340.2 -> 266	219.1 -> 162	325.1 -> 140	253.1 -> 182	244.2 -> 91.1	349.0 -> 183	286.2 -> 41.3	294.2 -> 212	264.2 ->	-> 252	-> 16	399.2 -> 238	266.2 -> 72.3	326.1 -> 249	268.2 -> 56.3	234.2 -> 56.3	248.2 -> 174	194.1 -> 105	208.1 -> 105	× 105	278.2 -> 117	205.1 -> 178	٧ļ	3	314.1 -> 239	295.1 -> 205	280.2 -> 77.2	267.2 -> 44.3	304.2 -> 105	315.2 -> 58.3	300.1 -> 282	237.1 -> 194	* 290.1 -> 105	٧	* 278.2 -> 105	342.1 -> 203	284.1 -> 93.2	Transition	Qualifier 1 M
		50		40	<u> </u>	<	***************************************		m			70	7		(17	49	42	***************************************	-	zonac				1	1	< -			-1	N	3			87	14	[LONGOUS .	41	7	≦ ′′	Qualifier 1 R
	120.38	5077.24	Infinity	40887	372.98	Infinity	33.96	27.59		20.65				78.48				- 1	45.40	55.24		nfinity		Infinity															Infinity			4116.24	85.05	S/N	1 P
Zoniclone-D4	Zaleplon-D4	Trimipramine-D3	Trimipramine-D3	Tapentadol-D3	Pseudoephedrine-D3	Nortriptyline-D3	Propoxyphene-D11	Prazepam-D5	Prazepam-D5	Phenytoin-D10	Phencydlidine-D5	Phenazepam-D4	Pentazocine-13C3	Pentazocine-13C3	Nortriptyline-D3	Norpropoxyphene-D5	Normeperidine-D4	Carbamazepine-13C6	Midazolam-D4	Midazolam-D4	Meperidine-D4	Meperidine-D4	Meperidine-D4	MDMA-D6	MDEA-D6	MDA-D5	Meperidine-D4	Cocaine-D3	lmipramine-D3	Zopiclone-D4	Flunitrazepam-D7	Estazolam-D5	Doxepin-D3	Desipramine-D3	Cocaine-D3	Clomipramine-D3	Chlordiazepoxide-D5	Carbamazepine-13C6	Benzoylecgonine-D8	Amitriptyline-D3	Amitriptyline-D3	alpha-hydroxymidazolam	7-aminoflunitrazepam-D7	Name	ISTD Method
6 364	6.227	6.657	6.657	5.546	4.680	6.520	6.365	6.935	6.935	6.013	6.013	6.487	5.762	5.762	6.520	6.326	5.688	6.136	6.611	6.611	5.809	5.809	5.809	5.183	5.323	5.044	5.809	5.758	6.557	6.364	6.410	6.392	6.314	6.459	5.758	6.856	6.595	6.136	5.289	6.619	6.619	6.447	5.679	RT	ISTD
183015	228398	2093570	2093570	779898	382227	456190	279909	836412	836412	14636	1027838	19380	484120	484120	456190	167059	247630	1209655	388284	388284	315359	315359	315359	47205	535184	237641	315359	679053	1166748	183915	8868	249573	650891	1349274	679053	1852310	299882	1209655	4839	539743	539743	320863	159476	Resp.	ISID Results



1		4	1	200 1	STATE	,			10/4/0017 0.01 014	389 1 -> 244	Zoniolono
6.227 203410		Ē,	4	306.1 -> 264.		6400AF18234			12/4/2017 3:31 PM	306.1 -> 236	Zaleplon
				455.3 -> 150.					12/4/2017 3:31 PM	455.3 -> 165	Verapamil
6.657 18747)3	<u> </u>	ω	295.2 -> 58.3					12/4/2017 3:31 PM	295.2 -> 100	Trimipramine
		EAC.	Ĭ 	222.2 -> 121	-		-		12/4/2017 3:31 PM	222.2 -> 107	Tapentadol
	īe-D3	ŧ	<u>Ω</u>	166.1 -> 133.	1	1.51	2289	4.742	12/4/2017 3:31 PM	166.1 -> 148	Pseudoephedrine
			=	۷Ì		43.46	2682	6.399	12/4/2017 3:31 PM	264.2 -> 155	Protriptyline
	-D11	Ę	<u>წ</u>	340.2 -> 266	-				12/4/2017 3:31 PM	340.2 -> 58.3	Propoxyphene
		*	<u>ک</u> ــــ	219.1 -> 162.	No.				12/4/2017 3:31 PM	219.1 -> 91.2	Primidone
6.935 783402			0	325.1 -> 140					12/4/2017 3:31 PM	325.1 -> 271	Prazepam
			2	253.1 -> 182					12/4/2017 3:31 PM	253.1 -> 104	Phenytoin
6.013 952095			<u></u>	244.2 -> 91.1	THE STREET				12/4/2017 3:31 PM	244.2 -> 86.2	Phencyclidine
			3	349.0 -> 183				ednesa	12/4/2017 3:31 PM	349.0 -> 206	Phenazepam
5.762 449174			.3	286.2 -> 41.3					12/4/2017 3:31 PM	286.2 -> 218	Pentazocine
5.762 449174	C3		2	294.2 -> 212.					12/4/2017 3:31 PM	294.2 -> 184	Ondansetron
6.520 420447		-	<u> </u>	264.2 -> 233.					12/4/2017 3:31 PM	264.2 -> 91.2	Nortriptyline
6.306 152370	D5		<u>~</u>	326.2 -> 252.	-				12/4/2017 3:31 PM	326.2 -> 44.3	Norpropoxyphene
5.708 251153			Ŏ	234.1 -> 160					12/4/2017 3:31 PM	234.1 -> 42.3	Normeperidine
6.136 11452	Carbamazepine-13C6		××	399.2 -> 238.	***************************************				12/4/2017 3:31 PM	399.2 -> 174	Mitragynine
6.611 357192	Midazolam-D4	-	ω	266.2 -> 72.3					12/4/2017 3:31 PM	266.2 -> 195	Mirtazapine
6.611 357192	Midazolam-D4		9	326.1 -> 249.			And the second s		12/4/2017 3:31 PM	326.1 -> 223	Midazolam
5.809 284775	Meperidine-D4		ω	268.2 -> 56.3	***************************************				12/4/2017 3:31 PM	268.2 -> 116	Metoprolol
5.809 284775	Meperidine-D4		ω 	234.2 -> 56.3	2004446				12/4/2017 3:31 PM	234.2 -> 84.2	Methylphenidate
5.809 284775	Meperidine-D4		74	248.2 -> 174.					12/4/2017 3:31 PM	248.2 -> 220	Meperidine
5.183 45704	MDMA-D6	*	5	194.1 -> 105.				-	12/4/2017 3:31 PM	194.1 -> 163	MDMA
5.323 473418	MDEA-D6	E	5	208.1 -> 105.					12/4/2017 3:31 PM	208.1 -> 163	MDEA
5.044 215962			5	180.1 -> 105					12/4/2017 3:31 PM	180.1 -> 163	MDA
5.809 284775	D4	- E	7	278.2 -> 117.					12/4/2017 3:31 PM	278.2 -> 91.2	Maprotiline
		B.	8	205.1 -> 178.	- Second				12/4/2017 3:31 PM	205.1 -> 91.2	Levamisole
6.557 10851	3	B		281.2 -> 58.3					12/4/2017 3:31 PM	281.2 -> 86.2	Imipramine
_			7	388.2 -> 317.	***************************************				12/4/2017 3:31 PM	388.2 -> 315	Flurazepam
	-D7	- 1	<u> </u>	314.1 -> 239.	vovoni.				12/4/2017 3:31 PM	314.1 -> 268	Flunitrazepam
6.392 252563)5	ķ	55	295.1 -> 205.					12/4/2017 3:31 PM	295.1 -> 267	Estazolam
		Ţ	2	280.2 -> 77.2					12/4/2017 3:31 PM	280.2 -> 107	Doxepin
6.479 12452)-D3		ω	267.2 -> 44.3	-				12/4/2017 3:31 PM	267.2 -> 72.3	Desipramine
		DEC.)5	304.2 -> 105.	***************************************				12/4/2017 3:31 PM	304.2 -> 182	Cocaine
6.856 14844		E	ω	315.2 -> 58.3					12/4/2017 3:31 PM	315.2 -> 86.2	Clomipramine
6.595 269358			2	300.1 -> 282.					12/4/2017 3:31 PM	300.1 -> 227	Chlordiazepoxide
6.136 11452	6		¥	237.1 -> 194.					12/4/2017 3:31 PM	237.1 -> 193	Carbamazepine
5.289 4012	9-D8	***)5	290.1 -> 105.					12/4/2017 3:31 PM	290.1 -> 168	Benzoylecgonine
6.619 487421			<u> </u>	314.1 -> 193.					12/4/2017 3:31 PM	314.1 -> 271	Amoxapine
6.619 487421			5	278.2 -> 105.					12/4/2017 3:31 PM	278.2 -> 91.2	Amitriptyline
6.447 306317	<u></u>)3 	342.1 -> 203	_				12/4/2017 3:31 PM	342.1 -> 324	alpha-hydroxymidazolam
5.679 131991	7-aminoflunitrazepam-D7		2	284.1 -> 93.2					12/4/2017 3:31 PM	284.1 -> 135	7-aminoflunitrazepam
RT Resp.	Name	N/S	 <u></u>	Transition	<u> </u>	S/N	Resp.	끅	Acq. Date-Time	Transition	Name
		-	ļ	***************************************	-		Contraction of the Contraction o	,	Contraction in the second contraction of the	The state of the s	



152128	6.364 15	Zopiclone-D4 6		16	389.1 -> 216	200000			12/4/2017 3:50 PM	389.1 -> 244	Zopicione
184469					306.1 -> 264				12/4/2017 3:50 PM	306.1 -> 236	Zaleplon
18762	6.657 18	***************************************			* 455.3 -> 150				12/4/2017 3:50 PM	455.3 -> 165	Verapamil
18762		3			295.2 -> 58.3				12/4/2017 3:50 PM	V	Trimipramine
689746	5.546 68			:	* 222.2 -> 121				12/4/2017 3:50 PM	222.2 -> 107	Tapentadol
314240		ie-D3) June	* 166.1 -> 133				12/4/2017 3:50 PM	166.1 -> 148	Pseudoephedrine
418296					264.2 -> 161				12/4/2017 3:50 PM	264.2 -> 155	Protriptyline
256670)-D11)	* 340.2 -> 266				12/4/2017 3:50 PM	340.2 -> 58.3	Propoxyphene
805453					219.1 -> 162				12/4/2017 3:50 PM	219.1 -> 91.2	Primidone
805453)	325.1 -> 140				12/4/2017 3:50 PM	325.1 -> 271	Prazepam
12221					* 253.1 -> 182				12/4/2017 3:50 PM	253.1 -> 104	Phenytoin
994840				1		2000			12/4/2017 3:50 PM	244.2 -> 86.2	Phencyclidine
20585					349.0 -> 183	www.			12/4/2017 3:50 PM	349.0 -> 206	Phenazepam
432634				3	286.2 -> 41.3	2000			12/4/2017 3:50 PM	286.2 -> 218	Pentazocine
432634		C3)	294.2 -> 212				12/4/2017 3:50 PM	294.2 -> 184	Ondansetron
418296				<u>. </u>	* 264.2 -> 233				12/4/2017 3:50 PM	264.2 -> 91.2	Nortriptyline
146863		D5			326.2 -> 252				12/4/2017 3:50 PM	326.2 -> 44.3	Norpropoxyphene
236028		********		<u>. </u>	234.1 -> 160				12/4/2017 3:50 PM	234.1 -> 42.3	Normeperidine
11214		e-13C6		<u> </u>	* 399.2 -> 238	- Monto			12/4/2017 3:50 PM	399.2 -> 174	Mitragynine
348998		Midazolam-D4	155.34	3	* 266.2 -> 72.3	475.58	16677	6.399	12/4/2017 3:50 PM	266.2 -> 195	Mirtazapine
348998		***********) 	* 326.1 -> 249	2000			12/4/2017 3:50 PM	326.1 -> 223	Midazolam
297855		Accompanies		3	* 268.2 -> 56.3	www.			12/4/2017 3:50 PM	268.2 -> 116	Metoproiol
297855		Mercus Avenue			234.2 -> 56.3	rower and			12/4/2017 3:50 PM	234.2 -> 84.2	Methylphenidate
297855		†D4		:	* 248.2 -> 174	7			12/4/2017 3:50 PM	248.2 -> 220	Meperidine
46235				<u> </u>	194.1 -> 105				12/4/2017 3:50 PM	194.1 -> 163	MDMA
470932		6		<u> </u>	[*] 208.1 -> 105				12/4/2017 3:50 PM	208.1 -> 163	MDEA
215958				<u> </u>	V				12/4/2017 3:50 PM	180.1 -> 163	MDA
297855		04		7	" 278.2 -> 117				12/4/2017 3:50 PM	278.2 -> 91.2	Maprotiline
629832				<u>~</u>	205.1 -> 178	was a			12/4/2017 3:50 PM	205.1 -> 91.2	Levamisole
10850		ω		-	* 281.2 -> 58.3	notes and the second			12/4/2017 3:50 PM	281.2 -> 86.2	Imipramine
152128	6.364 15			7	* 388.2 -> 317				12/4/2017 3:50 PM	388.2 -> 315	Flurazepam
8442		-D7		39	* 314.1 -> 239				12/4/2017 3:50 PM	314.1 -> 268	Flunitrazepam
244074	6.392 24)5		<u></u>	295.1 -> 205				12/4/2017 3:50 PM	295.1 -> 267	Estazolam
		## NO.744##		2	" 280.2 -> 77.2	-			12/4/2017 3:50 PM	280.2 -> 107	Doxepin
12273 · r · 5 fe		Desipramine-D3	Infinity	3	* 267.2 -> 44.3	Infinity	120954	6.418	12/4/2017 3:50 PM	267.2 -> 72.3	Desipramine
629832				<u>·''</u>	304.2 -> 105	San je			12/4/2017 3:50 PM	304.2 -> 182	Cocaine
16628				3	" 315.2 -> 58.3	and the same of th			12/4/2017 3:50 PM	315.2 -> 86.2	Clomipramine
262762	6.595 26				* 300.1 -> 282				12/4/2017 3:50 PM	300.1 -> 227	Chlordiazepoxide
11214	11	6		<u>-</u>	* 237.1 -> 194	Topicing:			12/4/2017 3:50 PM	237.1 -> 193	Carbamazepine
4735	5.289	9-D8			~ 290.1 -> 105				12/4/2017 3:50 PM	290.1 -> 168	Benzoylecgonine
466202	6.598 46			<u> </u>	* 314.1 -> 193	Source			12/4/2017 3:50 PM	314.1 -> 271	Amoxapine
466202	6.598 46	Amitriptyline-D3	371.38		* 278.2 -> 105	Infinity	17190	6.620	12/4/2017 3:50 PM	278.2 -> 91.2	Amitriptyline
294323	6.447 29	I.			342.1 -> 203	H			12/4/2017 3:50 PM	342.1 -> 324	alpha-hydroxymidazolam
147001	5.679 14	7-aminoflunitrazepam-D7 5		.5	[*] 284.1 -> 93.2	www.			12/4/2017 3:50 PM	284.1 -> 135	7-aminoflunitrazepam
Resp.	RT Re	Name	S/N	<u> </u>	II Transition	S/N MI	Resp.	뭐	Acq. Date-Time	Transition	Name
ਲਿ	ISTD Results	ISTD Method	Qualifier 1	M Qua	Qualifier 1 N	p2 external control Results	xternal con	p2 e	p2 external control	od	Compound Method
-					1			-			

4

mithacapine



working solution 10000 ng/ml in meoh mirtazapine, amitriptyline, codeine, diphenhydramine, 20000 ng/ml meoh morphine Foxicology AM method 25 external prep information

Stock solution 1mg/ml 100 ul each for all except morphine 200 ul in 9400 ul meoh

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

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

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

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

Concentration 100ng/ml amitriptyline, codeine, diphenhydramine, mirtazapine 200/ng/ml morphine

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

Extraction Date: 12-4-17

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.

 \square 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate \sim 30 minutes.

☑ 3. Create worklist:

Analytic:

- \square 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
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Shaker ID: 66759
- \square 4. Pipette 500 μ L 0.1% formic acid in wells of analytical plate.
- \Box 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- \Box 6. Transfer 800 μ L 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
- \square 8. Wait 5 minutes.
- ☑ 9. Add 2.25 mL MTBE (add in 3 increments of 750uL).
- \square 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.
- 2 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: 120417 blood screen AM 25-26 Batch Name: 120417 cann 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:



Batch Data Path C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann screen.batch.

Analysis Time12/5/2017 3:27 PMAnalyst NameanordReport Time12/6/2017 9:10 AMReporter NameISP ToxLast Calib Update12/5/2017 3:27 PMBatch StateProcessed

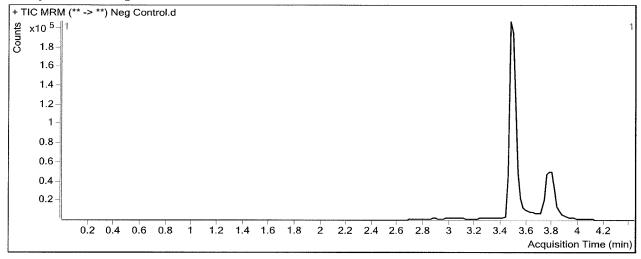
Analysis Info

Acq Time2017-12-04 11:47Data FileNeg Control.dSample TypeSampleSample NameNeg ControlDilution1Acq 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					
Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.473	1935	646531	0.0030	1.2352
THC-COOH	3.506	7533	135966	0.0554	4.2454



Batch Data Path C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann screen.batch.

 Analysis Time
 12/5/2017 3:27 PM
 Analyst Name
 anord

 Report Time
 12/6/2017 9:10 AM
 Reporter Name
 ISP Tox

 Last Calib Update
 12/5/2017 3:27 PM
 Batch State
 Processed

Analysis Info

 Acq Time
 2017-12-04 12:07
 Data File
 QC 10 ng.d

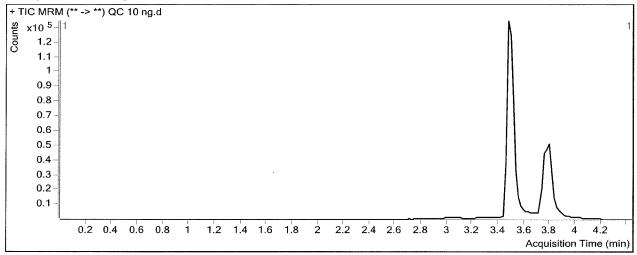
 Sample Type
 QC
 Sample Name
 QC 10 ng

 Dilution
 1
 Acq Method
 Screen THC 8-2017.m

Position P1-H1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Results						
Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc	
THC-OH	3.473	34882	388607	0.0898	10.2907	
THC-COOH	3.506	15978	73558	0.2172	13.1737	
THC	3.840	1282	12859	0.0997	10.8148	

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ISP Forensics Calibration Curve Report

Batch Data Path

C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann

screen.batch.bin

Last Calib Update

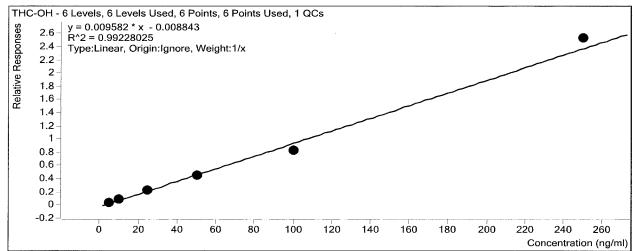
12/5/2017 3:27 PM

Analyst Name

ISP TOX

THC-OH

Target Compound Internal Standard THC-OH-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 2 - 5ng	2	\square	5	5.8	115.5
cal 3 - 10ng	3	☑	10	9.9	99.4
QC 10 ng	3	☑	10	10.3	102.9
cal 4 - 25ng	4	Ø	25	23.9	95.6
cal 5 - 50ng	5	\square	50	48.0	96.0
cal 6 - 100ng	6	\square	100	87.6	87.6
cal 7 - 250ng	7	Ø	250	264.8	105.9



ISP Forensics Calibration Curve Report

Batch Data Path

 $C:\MyFiles\anord\Documents\blood\ data\120417\ screen\QuantResults\120417\ cann$

screen.batch.bin

Last Calib Update

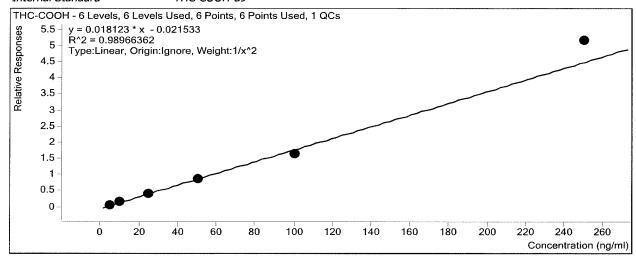
12/5/2017 3:27 PM

Analyst Name

ISP TOX

Target Compound
Internal Standard

THC-COOH-d9



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 2 - 5ng	2	☑	5	5.0	99.8
cal 3 - 10ng	3	Ø	10	10.4	103.7
QC 10 ng	3	Ø	10	13.2	131.7
cal 4 - 25ng	4	\square	25	23.4	93.7
cal 5 - 50ng	5	\square	50	48.8	97.6
cal 6 - 100ng	6	\square	100	90.9	90.9
cal 7 - 250ng	7	☑	250	285.7	114.3



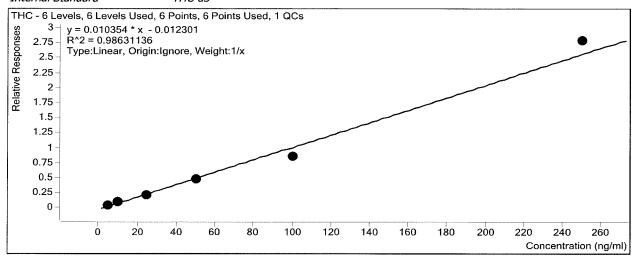
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann

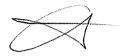
screen.batch.bin

Last Calib Update 12/5/2017 3:27 PM Analyst Name ISP TOX

Target CompoundTHCInternal StandardTHC-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
cal 2 - 5ng	2	\square	5	6.0	120.5
cal 3 - 10ng	3	\square	10	10.5	104.7
QC 10 ng	3	\checkmark	10	10.8	108.1
cal 4 - 25ng	4	☑	25	22.3	89.1
cal 5 - 50ng	5	☑	50	46.5	93.1
cal 6 - 100ng	6	☑	100	84.6	84.6
cal 7 - 250ng	7	\square	250	270.1	108.0



Batch Data Path C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann screen.batch.

Analysis Time12/5/2017 3:27 PMAnalyst NameanordReport Time12/6/2017 9:10 AMReporter NameISP ToxLast Calib Update12/5/2017 3:27 PMBatch StateProcessed

Analysis Info

 Acq Time
 2017-12-04 11:14
 Data File
 cal 2 - 5ng.d

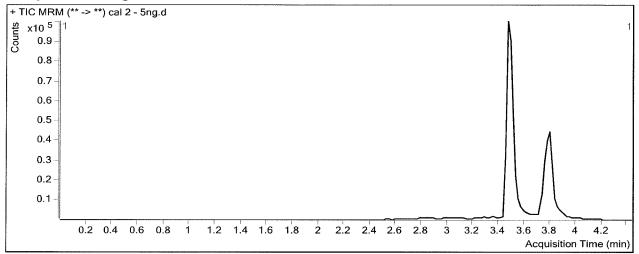
 Sample Type
 Calibration
 Sample Name
 cal 2 - 5ng

Dilution 1 **Acq Method** Screen THC 8-2017.m

Position P1-B1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Results					
Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.473	13651	293590	0.0465	5.7754
THC-COOH	3.506	4262	61856	0.0689	4.9903
THC	3.840	490	9775	0.0501	6.0266



ISP cann screen report.xlsx

Printed at: 9:13 AM on: 12/6/2017

Batch Data Path C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann screen.batch.

 Analysis Time
 12/5/2017 3:27 PM
 Analyst Name
 anord

 Report Time
 12/6/2017 9:10 AM
 Reporter Name
 ISP Tox

 Last Calib Update
 12/5/2017 3:27 PM
 Batch State
 Processed

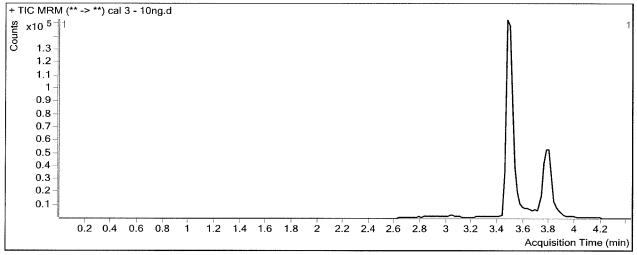
Analysis Info

Acq Time2017-12-04 11:20Data Filecal 3 - 10ng.dSample TypeCalibrationSample Namecal 3 - 10ngDilution1Acq MethodScreen THC 8-2017.m

Position P1-C1 **Sample Info**

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Results						
Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc	
THC-OH	3.473	37725	436635	0.0864	9.9398	
THC-COOH	3.526	17260	103703	0.1664	10.3719	
THC	3.840	1049	10916	0.0961	10.4682	

Batch Data Path C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann screen.batch.

 Analysis Time
 12/5/2017 3:27 PM
 Analyst Name
 anord

 Report Time
 12/6/2017 9:10 AM
 Reporter Name
 ISP Tox

 Last Calib Update
 12/5/2017 3:27 PM
 Batch State
 Processed

Analysis Info

 Acq Time
 2017-12-04 11:27
 Data File
 cal 4 - 25ng.d

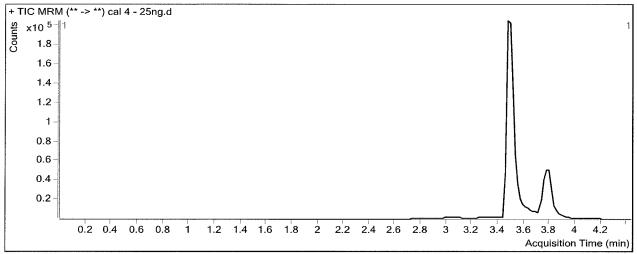
 Sample Type
 Calibration
 Sample Name
 cal 4 - 25ng

Dilution 1 **Acq Method** Screen THC 8-2017.m

Position P1-D1 **Sample Info**

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Results					
Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.473	117822	535312	0.2201	23.8935
THC-COOH	3.526	56777	140864	0.4031	23.4285
THC	3.840	2611	11960	0.2183	22.2722



ISP cann screen report.xlsx

Printed at: 9:13 AM on: 12/6/2017

Batch Data Path C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann screen.batch.

 Analysis Time
 12/5/2017 3:27 PM
 Analyst Name
 anord

 Report Time
 12/6/2017 9:10 AM
 Reporter Name
 ISP Tox

 Last Calib Update
 12/5/2017 3:27 PM
 Batch State
 Processed

Analysis Info

 Acq Time
 2017-12-04 11:34
 Data File
 cal 5 - 50ng.d

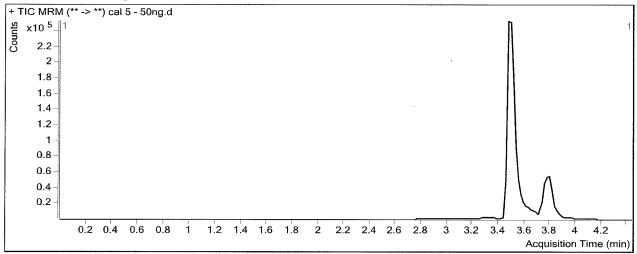
 Sample Type
 Calibration
 Sample Name
 cal 5 - 50ng

 Dilution
 1
 Acq Method
 Screen THC 8-2017.m

Position P1-E1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Results						
Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc	
THC-OH	3.473	248057	549701	0.4513	48.0181	
THC-COOH	3.526	114823	133020	0.8632	48.8189	
THC	3.840	5807	12366	0.4696	46.5389	

4

Batch Data Path C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann screen.batch.

 Analysis Time
 12/5/2017 3:27 PM
 Analyst Name
 anord

 Report Time
 12/6/2017 9:10 AM
 Reporter Name
 ISP Tox

 Last Calib Update
 12/5/2017 3:27 PM
 Batch State
 Processed

Analysis Info

 Acq Time
 2017-12-04 11:40
 Data File
 cal 6 - 100ng.d

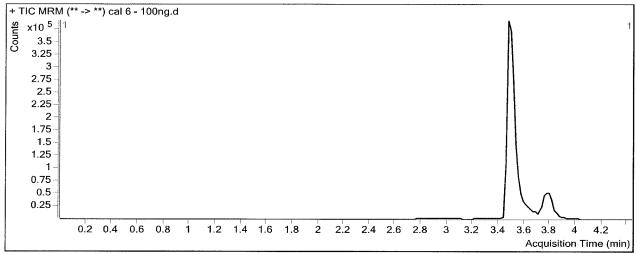
 Sample Type
 Calibration
 Sample Name
 cal 6 - 100ng

 Dilution
 Acq Method
 Screen THC 8-2017.m

Position P1-F1 **Sample Info**

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Results					
Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
THC-OH	3.473	544718	656192	0.8301	87.5577
THC-COOH	3.526	253699	156127	1.6250	90.8514
THC	3.840	12114	14031	0.8634	84.5700

Batch Data Path C:\MyFiles\anord\Documents\blood data\120417 screen\QuantResults\120417 cann screen.batch.

Analysis Time 12/5/2017 3:27 PM Analyst Name anord **Report Time** 12/6/2017 9:10 AM **Reporter Name** ISP Tox **Last Calib Update** 12/5/2017 3:27 PM **Batch State** Processed

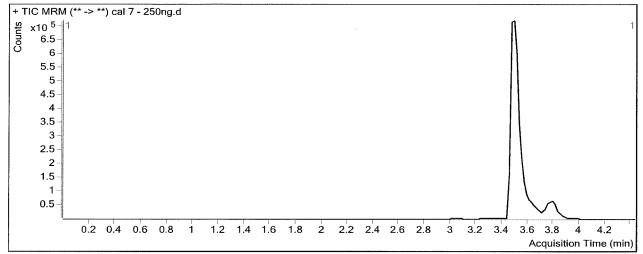
Analysis Info

Acq Time 2017-12-04 11:53 Data File cal 7 - 250ng.d **Sample Type** Calibration Sample Name cal 7 - 250ng **Dilution** Acq Method Screen THC 8-2017.m 1 **Position**

P1-G1 Sample Info

Inj Vol -1 Comment AM 26 Cannabinoid screen

Sample Chromatogram



Results						
Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc	
THC-OH	3.473	1624831	642588	2.5286	264.8155	
THC-COOH	3.526	740774	143678	5.1558	285.6796	
THC	3.840	40568	14568	2.7847	270.1241	