REVIEWED

By Sarah Collins at 11:03 am, Feb 15, 2023

#### Worklist: 6247

**REVIEWED** By Britany Wylie at 8:38 am, Feb 21, 2023

LAB CASE	<u>ITEM</u>	ITEM TYPE	DESCRIPTION	
C2023-0060	1	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0084	1	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0128	1	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0168	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0186	2	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0202	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
C2023-0212	2	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0223	3	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0257	1	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0266	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
C2023-0268	1	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0269	1	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0293	1	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0317	3	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0319	1	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2023-0352	1	ВСК	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

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

Extraction Date:2/13/23Analyst:Anne NordPlate lot#:220805Plate retest date:02/05/23

Mobile phase A:10mM Ammonium FormateMobile phase B:0.1% Formic Acid in MeOH0.5M Ammonium HydroxideEthyl AcetateLC 20% MethanolBlank Blood Lot:22B52016-1Blank Urine lot:12522LCMS-QQQ ID:6967969679

### **Pre-Analytic:**

- $\boxtimes$  1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- $\boxtimes$  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.
- Z. Urine hydrolysis pipette: 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer mix for at least five minutes ambient temperature.
  Pipette 250 μL blood (calibrated pipette) or 250 ul urine in wells of analytical (standards) plate. Pipette ID: 390993
- 3. Pipette 250 μL of 0.5 M ammonium hydroxide in wells of analytical plate.
- ☑ 4. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
- S. Transfer **300 μL of blood or urine+base** mixture to corresponding wells of SLE+ plate.
- △ 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
  (Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- $\boxtimes$  7. Wait 5 minutes.
- × 8. Add 900 μL ethyl acetate.
- $\boxtimes$  9. Wait 5 minutes.
- ☑ 10. Apply positive pressure for approx. 10-15 seconds. (12-15 PSI- Selector to the left).
- $\boxtimes$  11. Add 900 µL ethyl acetate.
- $\boxtimes$  12. Wait 5 minutes.
- ☑ 13. Apply positive pressure for approx. 10-15 seconds. (12-15 PSI- Selector to the left).
- ☑ 14. Remove plate containing eluate. add 50 ul 1% HCl in MeOH Place on SPE Dry and evaporate to dryness at approx. 35°C.

SPE Dry ID: 66819

I5. Reconstitute in 100 μL 20% LC MeOH in LC Water and heat seal plate with foil. Place in autosampler and run worklist.

### **Post-Analytic**

- $\boxtimes$  1. Open quantitation software and create a new quantitation batch.
- $\boxtimes$  2. Make necessary changes to integration limits
- ☑ 3. Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. Calculated concentration 5 or greater or 2-5 for discretionary range.
- $\boxtimes$  4. Did all QCs pass for each analyte? (If no is it described in comments?)
- ☑ 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

### COMMENTS: External controls run for plate re-test.

C2023-0202-1 not evaluated for 6-mam due to low internal standard response.

Toxicology AM method 25/28 urine external control prep

working solution 10000 ng/ml in meoh diphendydramine, methamphetamine, alprazolam, , morphine Stock solution 1mg/ml 50 ul each in 4800 ul MeOH (VWR 21050767)

DruglotexpirationMethamphetamineFE031320017/1/2025alprazolamFE061020086/1/2025DiphendydramineFN022120113/1/2025MorphineFE032320104/1/2025	ppd 7/7/22: Exp: 7/7	by AMN	
	Methamphetamine	FE03132001	7/1/2025
	alprazolam	FE06102008	6/1/2025
	Diphendydramine	FN02212011	3/1/2025

#### AM 25/28 control 500 ul working solution (7722) in 4500 ul negative urine (1000ng/mL Expected concentration) by AMN

ppd 7/7/22, exp 7/7/23 lot u7722 negative urine 21522

#### AM 25/28 Blood Control: 50ul working solution (7722) in 4950 ul neg blood (100ng/mL Expected concentration)

ppp 7/7/22, exp 7/7/23 lot b7722	neg blood 22B52016-3	by AMN

12				0202-1			Cal 1		
11									
10	266-1	exteranl control urine	negative urine	external control blood	negative blood	0319-1	0317-3	0352-1	
6	0168-2	0186-2	0223-3	0257-1	0212-2	0268-1	0269-1	0293-1	
8						0060-1	0084-1	0128-1	
7									
9									
5									
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1									
	A	В	U	D	ш	ц	ט	т	

plate position 2

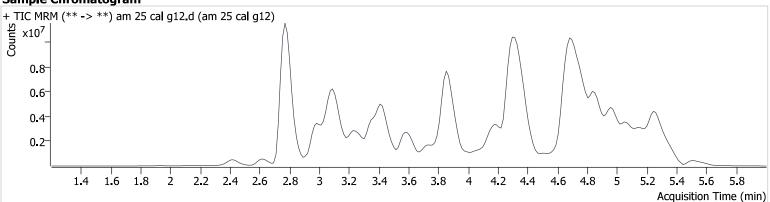
C2023-\_\_\_\_\_

Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\mds.batch.binCalibration Last Update2/14/2023 12:22:26 PM

Instrument	69679
Туре	Cal
Acq. Method	mds713.m
Sample Position	P2 <del>-</del> G12
Injection Volume	2.5
Acq. Date-Time	2/13/2023 11:
Sample Info.	

9 11:14:47 AM

Data File Sample Operator Comment am 25 cal g12.d am 25 cal g12 Anne Nord



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.877	1917662	5074.7	35.9	5898684	10.000
6-MAM	3.179	30974	61.3	7352.2	851266	10.000
7-aminoclonazepam	3.643	437732	232.2	648.5	2214615	10.000
7-aminoflunitrazepam	3.858	760862	186.9	166.6	2214615	10.000
9-Hydroxyrisperidone	4.372	3472957	267.9	24167.9	2214615	10.000
Acetyl Fentanyl	4.454	243156	38.4	359.2	10477905	10.000
Acetyl Norfentanyl	2.945	203094	712.1	224.9	10477905	10.000
a-hydroxyalprazolam	4.715	310251	$\infty$	$\infty$	2214615	10.000
alpha-hydroxymidazolam	4.775	928981	230.7	227.2	2214615	10.000
alpha-PHP	4.186	1867568	685.5	341.5	4866326	10.000
alpha-PVP	3.864	2434347	916.2	321.7	4866326	10.000
Alprazolam	4.794	1393893	1037.2	187.1	5898684	10.000
Amitriptyline	4.859	1301003	381.7	424.5	5296773	10.000
Amphetamine	2.995	2374792	2167.3	1557.7	4866326	10.000
Benzoylecgonine	3.474	96646	1278.2	77 <u>.</u> 4	146533	10.000
Brompheniramine	4.347	63226	7757.3	14.9	36266547	10.000
Buprenorphine	5.515	84973	21040.9	207.6	2117887	10.000
Bupropion	4.217	2223879	317.6	562.1	8608332	10.000
Carbamazepine	4.371	3395491	$\infty$	367.3	70986	10.000
Carisoprodol	4.307	693154	113928.1	80.4	2511378	10.000
Chlordiazepoxide	4.980	499196	76.8	91.5	10386904	10.000
Chlorpheniramine	4.228	3411930	2213.1	$\infty$	3868912	10.000
Chlorpromazine	5.205	2163577	328510.5	2245.0	8343669	10.000
Citalopram	4.376	1780796	79.7	424606.2	3868912	10.000
Clomimpramine	5.160	2662997	1200.5	933.8	3868912	10.000
Clonazepam	4.655	653536	190.6	308.8	10386904	10.000
Clonazolam	4.528	689572	158667.8	51424.1	10386904	10.000
clozapine	4.990	3551731	781093.1	697543.5	11560371	10.000
Cocaethylene	4.070	2271829	4284.1	5701.9	12888549	10.000
Cocaine	3.872	3125670	682842.0	176.9	12888549	10.000
Codeine	3.121	273127	35758.1	200.0	3904101	10.000
Cyclobenzaprine	4.737	2240173	4455.0	136.0	5296773	10.000
Desipramine	4.692	3549314	881867.5	1626.3	5296773	10.000
Dextromethorphan	4.352	1251673	194190.2	1845.4	5368459	10.000
am 25 cal g12	1002	12010/0	13 125012	101011		12:22 PM on 2/14

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Dextrorphan	3.524	1462797	5796.6	1486.6	5368459	10.000
Diazepam	5.057	798423	357.3	397.2	10386904	10.000
Dihydrocodeine	2.877	724850	1515.5	211.4	36266547	10.000
Dimethyltriptamine	3.099	1248679	441.2	2202.7	11878131	10.000
Diphenhydramine	4.308	5371289	9031.8	432.1	36266547	10.000
Doxepin	4.536	1238972	697.6	131.0	15738837	10.000
Doxylamine	3.829	5176645	411.6	2005.8	2235399	10.000
Duloxetine	4.612	54553	13895.2	1116.3	4556939	10.000
EDDP	4.305	633433	116.2	51.7	1008943	10.000
Estazolam	4.704	2418255	1027.7	828.5	10386904	10.000
Etizolam	4.774	119774	29996.6	107987.2	10386904	10.000
Fentanyl	4.698	215705	31.7	36.6	10477905	10.000
Flualprazolam	4.607	443334	69910.3	288.6	10386904	10.000
Flunitrazepam	4.763	1303858	371.7	322.8	10386904	10.000
Fluorofentanyl	4.743	203331	40741.9	158.0	10477905	10.000
Fluoxetine	4.594	2071629	231952.1	21613.3	4556939	10.000
Flurazepam	4.742	1958423	2754.9	58171.3	10386904	10.000
Hydrocodone	3.366	840875	313.2	59.5	3904101	10.000
Hydromorphone	2.637	666707	265.6	281.8	3904101	10.000
hydroxyzine	5.109	2834162	619.0	6425.2	5368459	10.000
	4.798	4295079	1489.0	0723.2	5296773	10.000
Imipramine Katamina	4.202		1079.9	25.1		10.000
Ketamine		1939370			5368459	
Lamotrigine	3.754	153157	87.2	4493.4	3868912	10.000
Levamisole	3.298	1354326	562.3	124.1	5368459	10.000
Levetiracetam	2.613	549199	438.8	799.3	3868912	10.000
Lorazepam	4.609	277645	8	1927.8	10386904	10.000
Maprotiline	4.706	429673	395.9	38.2	5296773	10.000
MDA	3.130	1678306	858.0	89.9	11878131	10.000
MDEA	3.374	2759616	104.6	1638.1	11878131	10.000
MDMA	3.206	2871261	13428.6	242.1	11878131	10.000
Meperidine	3.878	1459610	143.0	105.0	5368459	10.000
Meprobamate	3.726	391061	1296.1	52.6	2511378	10.000
Methadone	4.656	3510881	432.1	400.3	1008943	10.000
Methamphetamine	3.101	5554190	$\infty$	1763878	11878131	10.000
				7487546		
Mathe and an all	2 (70	256070	00.1	5.0	26266547	10.000
Methocarbamol	3.678	256078	80.1	414.6	36266547	10.000
Methylphenidate	3.725	4786356	3521.8	336.4	5368459	10.000
Metoprolol	3.569	505599	158.2	6800.5	5368459	10.000
Midazolam	4.944	412910	35050.1	41943.5	10386904	10.000
Mirtazapine	4.723	2088568	1069.8	729.1	5368459	10.000
Mitragynine	4.756	264153	43015.5	134627.9	5368459	10.000
Morphine	2.425	153477	901.4	876.7	116950	10.000
Norbuprenorphine	4.035	51296	13170.2	13022.8	2117887	10.000
Nordiazepam	4.921	680455	1443.6	9679.4	10386904	10.000
Norfentanyl	3.449	3665361	4024.3	163.5	13961979	10.000
Norhydrocodone	3.031	81494	108.6	36.2	3904101	10.000
norketamine	4.218	381297	55.6	158.7	5368459	10.000
Normeperidine	3.771	1596765	253.4	598.8	3868912	10.000
Noroxycodone	2.984	984468	$\infty$	897.4	6127014	10.000
Nortriptyline	4.723	1524196	204151.0	291.9	5296773	10.000
O-desmethyl-tramadol	2.990	4447632	23748.2	281.0	3868912	10.000
O-Desmethylvenlafaxine	3.370	1166373	527.7	3730.2	3868912	10.000
Olanzapine	4.301	1046242	6281.7	46515.7	70986	10.000
Oxazepam	4.720	1379302	107.8	76.9	5898684	10.000
Oxycodone	3.134	1662543	272.9	738.2	6127014	10.000
Oxymorphone	2.406	833230	259.8	260.0	116950	10.000
Paroxetine	4.638	378500	66.8	21645.2	4556939	10.000
Phenazepam	4.835	1298136	274597.3	136490.6	10386904	10.000
Phencyclidine	4.124	2545696	191.2	648.2	5368459	10.000
				0.012	2300 133	

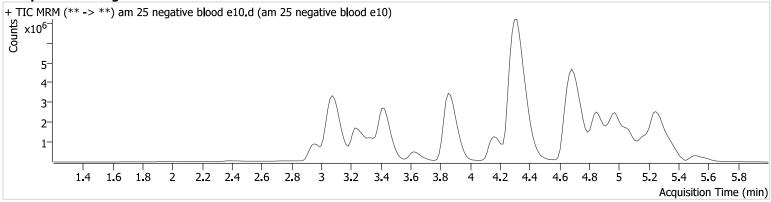
am 25 cal g12

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Phentermine	3.269	942586	8	8	8870799	10.000
Phenytoin	4.262	147245	550.6	6.5	70986	10.000
primidone	3.557	243998	3157.3	122.1	5296773	10.000
Promethazine	4.874	4613501	471.9	970.4	3868912	10.000
Pseudoephedrine	2.780	51986339	16022.7	12257.9	11878131	10.000
Quetiapine	5.063	3590915	470004.2	725954.7	19487464	10.000
Risperidone	4.618	3020942	190.6	126.9	414761	10.000
Sertraline	4.979	1152072	8	$\infty$	4556939	10.000
Sufentanil	5.154	227205	34923.4	333.9	13961979	10.000
Tapentadol	3.587	2937879	1499.6	1534.2	3904101	10.000
Temazepam	4.872	2535973	493.5	93.5	10386904	10.000
Topiramate	3.959	29264	3513.4	3188.1	96888	10.000
Tramadol	3.584	4104175	4836.0	35.0	3868912	10.000
Trazodone	5.278	4499600	947381.4	6971.8	15738837	10.000
Venlafaxine	4.013	3843052	330.4	88.7	4556939	10.000
Zaleplon	4.503	1199667	193308.1	719.1	19487464	10.000
Zolpidem	4.672	4960978	404006.7	749.6	19487464	10.000
Zopiclone	4.742	535270	6603.0	336462.3	2235399	10.000

Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\mds.batch.binCalibration Last Update2/14/2023 12:22:26 PM

Instrument	69679
Туре	Sample
Acq. Method	mds713.m
Sample Position	P2-E10
Injection Volume	2.5
Acq. Date-Time	2/13/2023 11:21:39 AM
Sample Info.	

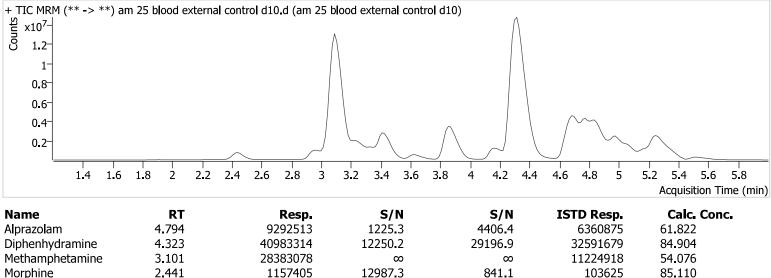
Data File Sample Operator Comment am 25 negative blood e10.d am 25 negative blood e10 Anne Nord



Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\mds.batch.binCalibration Last Update2/14/2023 12:22:26 PM

Instrument	69679
Туре	Sample
Acq. Method	mds713.m
Sample Position	P2-D10
Injection Volume	2.5
Acq. Date-Time	2/13/2023 11:28:22 AM
Sample Info.	

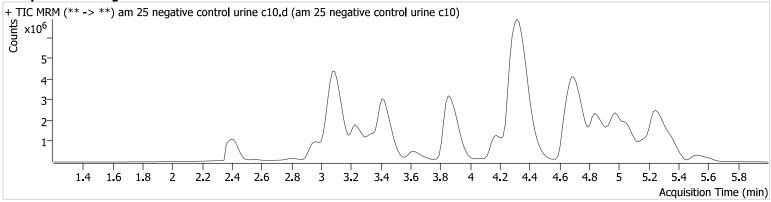
Data File Sample Operator Comment am 25 blood external control d10.d am 25 blood external control d10 Anne Nord



Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\mds.batch.binCalibration Last Update2/14/2023 12:22:26 PM

Instrument	69679
Туре	Sample
Acq. Method	mds713.m
Sample Position	P2-C10
Injection Volume	2.5
Acq. Date-Time	2/13/2023 1:15:39 PM
Sample Info.	

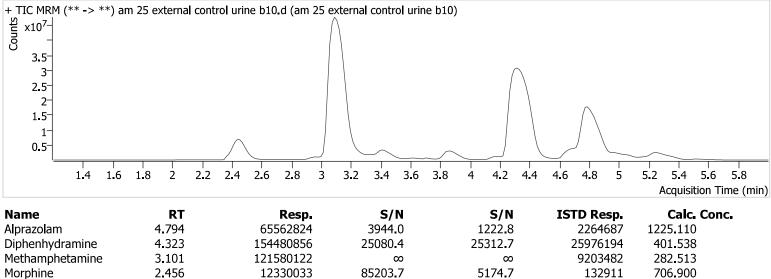
Data File Sample Operator Comment am 25 negative control urine c10.d am 25 negative control urine c10 Anne Nord



Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\mds.batch.binCalibration Last Update2/14/2023 12:22:26 PM

Instrument	69679
Туре	Sample
Acq. Method	mds713.m
Sample Position	P2-B10
Injection Volume	2.5
Acq. Date-Time	2/13/2023 1:08:57 PM
Sample Info.	

Data File Sample Operator Comment am 25 external control urine b10.d am 25 external control urine b10 Anne Nord



### AM# 26: THC and Metabolites Screen in Blood by LC-MS/MS

Extraction Date: 2/13/23 Analyst: Anne Nord

Plate lot#: 220802 Plate retest date: 2/02/23

Mobile phase A:10mM Ammonium FormateMobile phase B:0.1% Formic acid in MeOH0.1% Formic Acid in WaterMTBEHexaneBlank Blood Lot:22B52016-1Urine Blank:12522Column:Agilent Phenyl Hexyl (4.6x50mm: 2.7 um)LCMS-QQQ ID:69679

### **Pre-Analytic:**

- $\boxtimes$  1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- $\boxtimes$  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.
- Image: 2. Urine hydrolysis: add 1.5 ml urine to blank plate, add 250 ul 1N KOH mix and incubate at 40 degrees for 15 minutes.

Pipette 1000 μL blood (calibrated pipette) in wells of analytical (standards) plate. Pipette ID: I41142J Pipette 1000 ul urine to analytical (standards) plate.

- $\boxtimes$  3. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
- A. Pipette 500 μL 0.1% formic acid in blood wells 500 ul saturated phosphate buffer in urine wells of analytical plate.
- $\boxtimes$  5. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
- 8 6. Transfer 800 μL of blood acid or urine acid mixture to corresponding wells of SLE+ plate.
- ☑ 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
  (Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- $\boxtimes$  8. Wait 5 minutes.
- $\boxtimes$  9. Add **2.25 mL MTBE** (add in 3 increments of 750 µL).
- $\boxtimes$  10. Wait 5 minutes.
- ☑ 11. Apply positive pressure for approx. 10-15 seconds. (12-15 PSI- Selector to the left).
- $\boxtimes$  12. Add **2.25 mL hexane** (add in 3 increments of 750 µL).
- $\boxtimes$  13. Wait 5 minutes.
- ☑ 14. Apply positive pressure for approx. 10-15 seconds. (12-15 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
- Σ 16. Reconstitute in **100 μL 100% LCMS MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

### **Post-Analytic**

- $\boxtimes$  1. Create batch and process data.
- ☑ 2. Calculated sample concentration of 3 ng/mL or greater for THC and THC-OH, a calculated sample concentration of 10 ng/mL or greater for Carboxy-THC.
- $\boxtimes$  3. Retention time within +/- 2% or +/-0.100 min whichever is greater of the average retention time of the calibrators.
- $\boxtimes$  4. Did all QCs pass for each analyte? Yes
- S. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: external controls run for plate re-test.

	1	2	3	4	5	9
а	cal 1	Internal control urine	0257-1	external control blood		
q	cal 2	negative blood	0212-2	negative control urine		
C	cal 3	0060-1 mixing plate	0268-1	external control urine		
р	cal 4	0084-1	0269-1	0202-1		
е	Cal 5	0128-1	0293-1	0266-1		
f	cal 6	0168-2	0319-1	0060-1 SLE and injection plate		
ß	cal 7	0186-2	0317-3			
Ч	Internal control (blood)	0223-3	0352-1			

 $\stackrel{\sim}{\prec}$ 

Plate position 3

c2023-\_\_\_\_\_

# Toxicology AM method 27/26 external prep information $1.5 \star$

working solution 15 ug/ml in meoh C-THC, THC-OH, 7.5 ug/ml THC

Stock solution 1mg/ml 7.5 ul each THC, 100 ug/ml 150 ul C-THC, 150 ul THC-OH in 9692.5 ul meOH Ppd 9/27/22 Exp: 9/27/23 lot 92722 by AMN

Drug	lot	expiration
C-THC	FE04151901	6/1/2024
тнс-он	FE06152002	6/1/2025
THC	FE04222001	5/1/2025

#### AM 27/26 blood control 100 ul working solution in 9900 ul blood

ppd 9/27/22 exp 9/27/23 blood lot		Concentration 7.5 ng/ml THC,	
22B52016-1	lot b92722	15 ng/ml C-THC, THC-OH	by amn

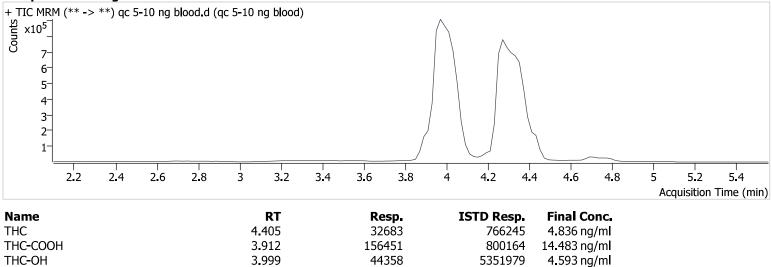
#### AM 27/26 urine control 400 ul working solution in 9600 ul urine

out of use ppd 9/27/22 Exp 9/27/23 neg urine Concentration 30 ng/ml THC, and lot 7722 60 ng/ml C-THC, THC-OH lot u92722 by amn

Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

Instrument	69679
Type	QC
Acq. Method	am 26 cann scr 5-5-20.m
Sample Position	P3-H1
Injection Volume	5
Acq. Date-Time Sample Info.	2/13/2023 2:48:18 PM

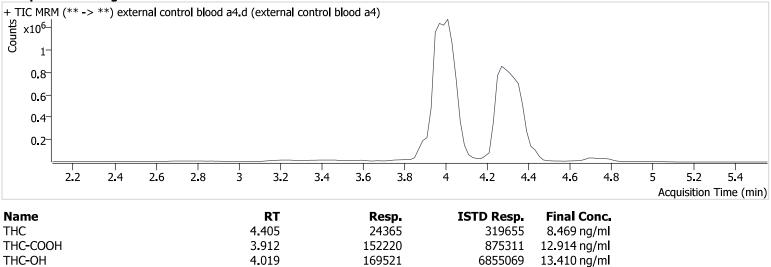
Data File Sample Operator Comment qc 5-10 ng blood.d qc 5-10 ng blood Anne Nord



Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

Instrument	69679
Туре	Sample
Acq. Method	am 26 ca
Sample Position	P3-A4
Injection Volume	5
Acq. Date-Time	2/13/202
Sample Info.	

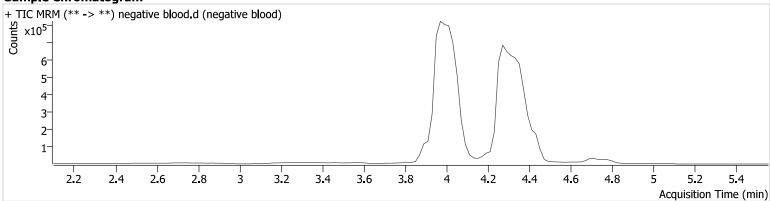
1679 Imple n 26 cann scr 5-5-20.m I-A4 13/2023 4:31:47 PM Data File Sample Operator Comment external control blood a4.d external control blood a4 Anne Nord



Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

Instrument	69679
Type	Sample
Acq. Method	am 26 cann scr 5-5-20.m
Sample Position	P3-B2
Injection Volume	5
Acq. Date-Time Sample Info.	2/13/2023 3:01:14 PM

Data File Sample Operator Comment negative blood.d negative blood Anne Nord



QC 5-10 urine.d

QC 5-10 urine

Anne Nord

Data File

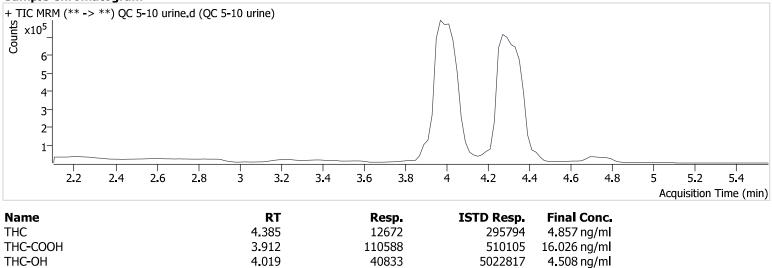
Operator

Comment

Sample

Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

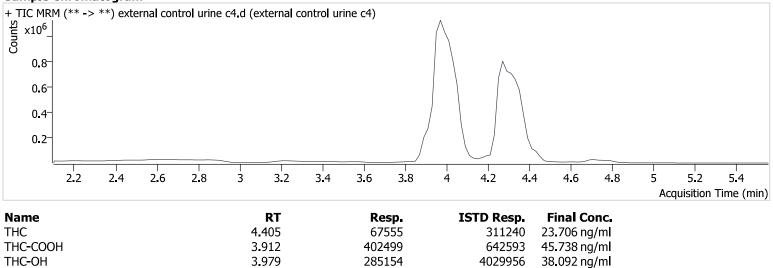
Instrument Type Acq. Method Sample Position Injection Volume	69679 Sample am 26 cann scr 5-5-20.m P3-A2 5 2/12/2022 2:54:46 PM
Acq. Date-Time Sample Info.	2/13/2023 2:54:46 PM



Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

Instrument	69679
Туре	Sample
Acq. Method	am 26 ca
Sample Position	P3-C4
Injection Volume	5
Acq. Date-Time	2/13/202
Sample Info.	

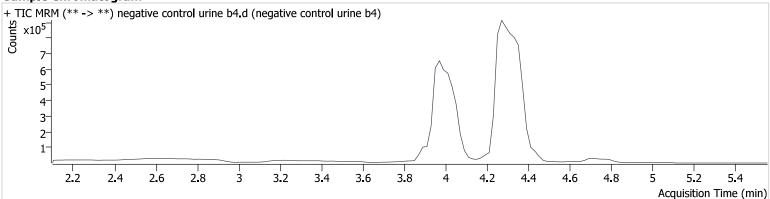
679 mple 1 26 cann scr 5-5-20.m -C4 13/2023 4:44:43 PM Data File Sample Operator Comment external control urine c4.d external control urine c4 Anne Nord

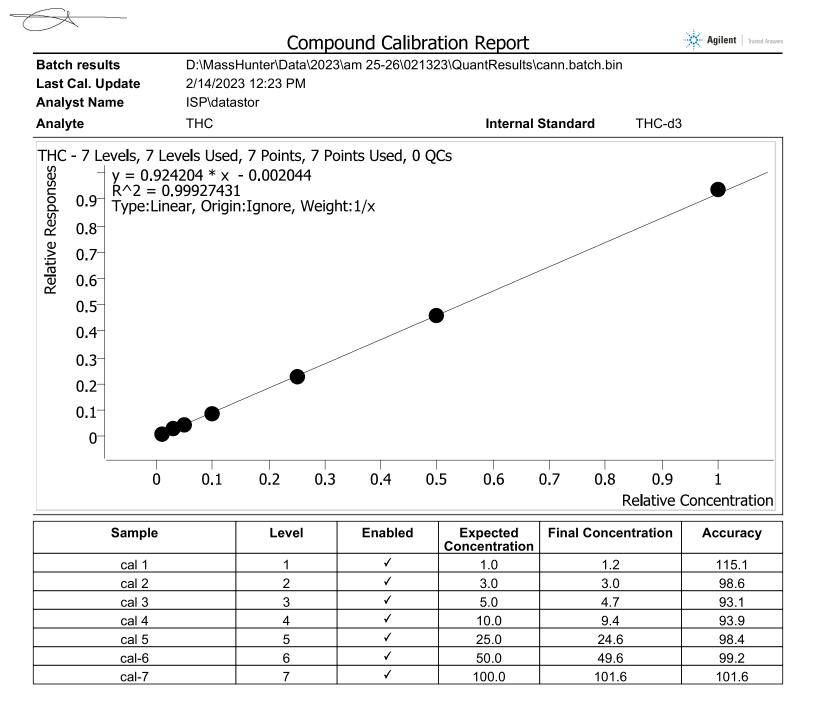


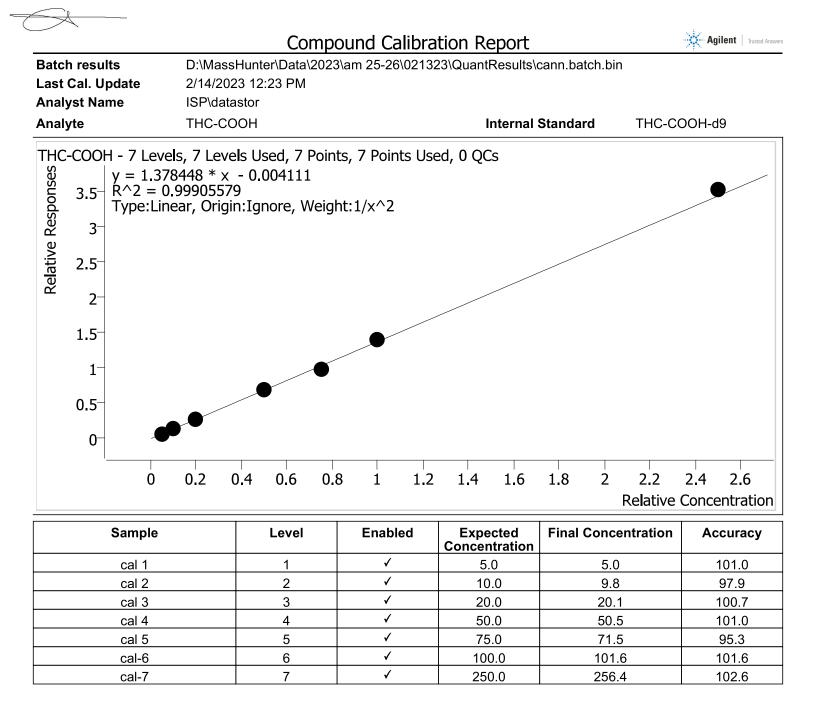
Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

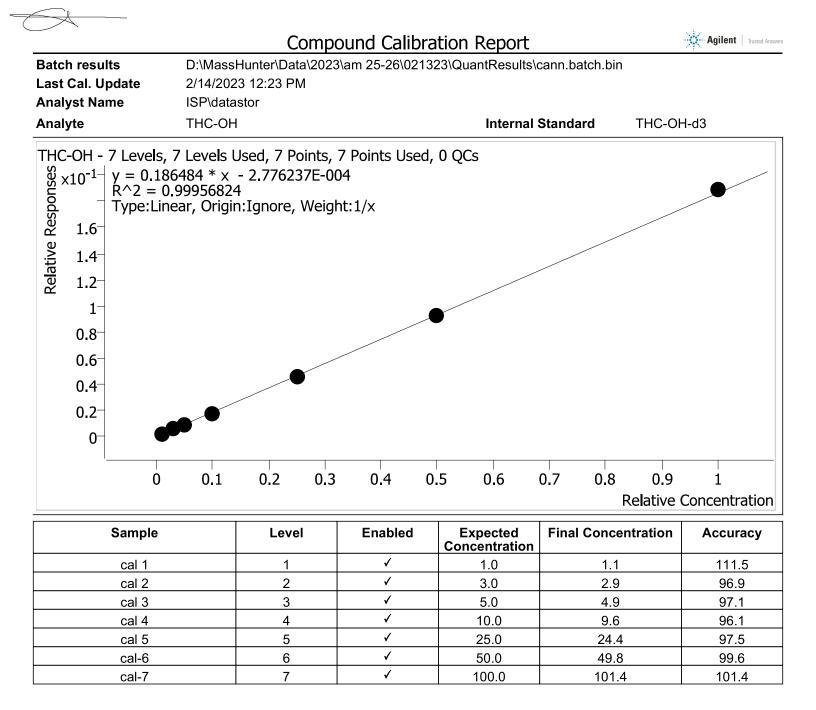
Instrument	69679
Туре	Sample
Acq. Method	am 26 cann
Sample Position	P3 <b>-</b> B4
Injection Volume	5
Acq. Date-Time	2/13/2023 4
Sample Info.	

679 mple 1 26 cann scr 5-5-20.m -B4 13/2023 4:38:15 PM Data File Sample Operator Comment negative control urine b4.d negative control urine b4 Anne Nord





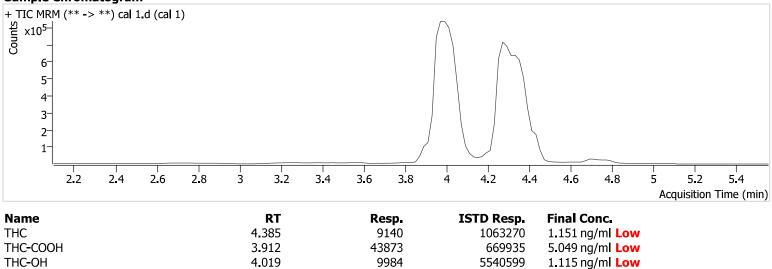




Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

Instrument	69679
Туре	Cal
Acq. Method	am 26 cann scr 5-5-20.
Sample Position	P3-A1
Injection Volume	5
Acq. Date-Time	2/13/2023 2:02:51 PM
Sample Info.	

Data File Sample 0.m Operator Comment cal 1.d cal 1 Anne Nord



cal 2.d

Anne Nord

cal 2

Data File

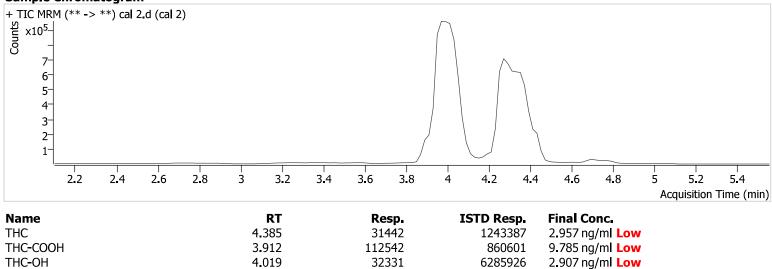
Operator

Comment

Sample

Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

Instrument	69679
Туре	Cal
Acq. Method	am 26 cann scr 5-5-20.m
Sample Position	P3-B1
Injection Volume	5
Acq. Date-Time	2/13/2023 2:09:29 PM
Sample Info.	



cal 3.d

Anne Nord

cal 3

Data File

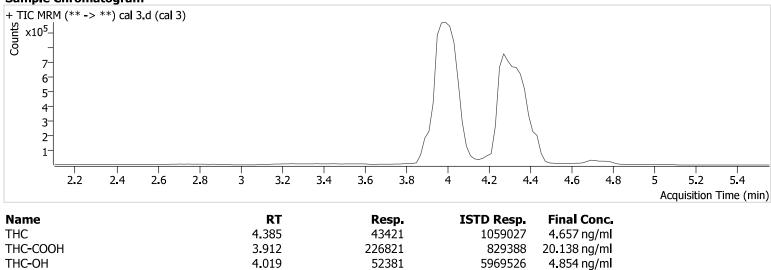
Operator

Comment

Sample

Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

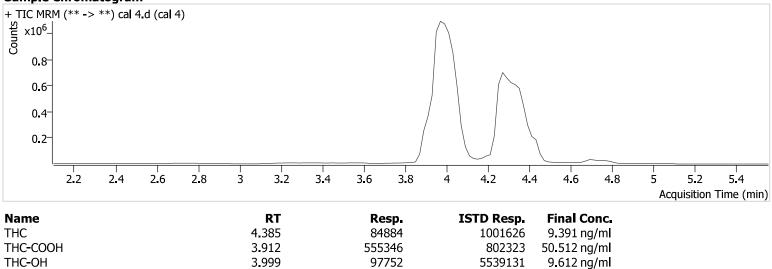
Instrument	69679
Type	Cal
Acq. Method	am 26 cann scr 5-5-20.m
Sample Position	P3-C1
Injection Volume	5
Acq. Date-Time Sample Info.	2/13/2023 2:15:58 PM



Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

Instrument	69679
Туре	Cal
Acq. Method	am 26 cann scr 5-5-20.m
Sample Position	P3-D1
Injection Volume	5
Acq. Date-Time	2/13/2023 2:22:26 PM
Sample Info.	

Data File Sample Operator Comment cal 4.d cal 4 Anne Nord



cal 5.d

Anne Nord

cal 5

Data File

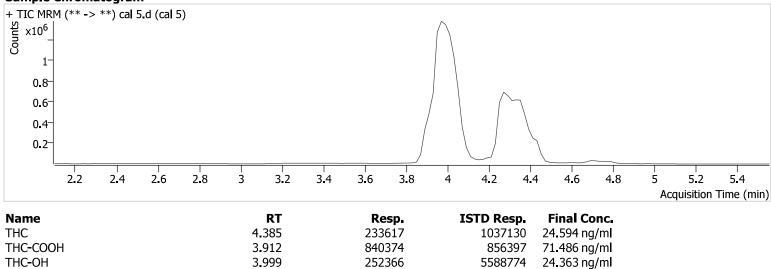
Operator

Comment

Sample

Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

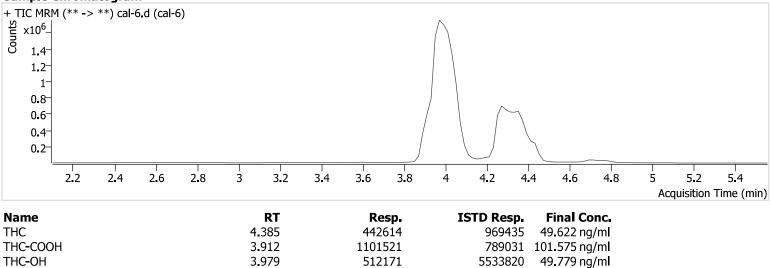
69679
Cal
am 26 cann scr 5-5-20.m
P3-E1
5
2/13/2023 2:28:54 PM



Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

Instrument Type	69679 Cal
Acq. Method	am 26 cann scr 5-5-20.m
Sample Position	P3-F1
Injection Volume	5
Acq. Date-Time	2/13/2023 2:35:22 PM
Sample Info.	

Data File Sample Operator Comment cal-6.d cal-6 Anne Nord



Batch resultsD:\MassHunter\Data\2023\am 25-26\021323\QuantResults\cann.batch.binCalibration Last Update2/14/2023 12:23:47 PM

Instrument	69679
Туре	Cal
Acq. Method	am 26 cann scr 5-5-20.
Sample Position	P3-G1
Injection Volume	5
Acq. Date-Time	2/13/2023 2:41:50 PM
Sample Info.	

Data File Sample 5-20.m Operator Comment cal-7.d cal-7 Anne Nord

