



3/29/2022

REVIEWED
By Brianny Wylie at 12:45 pm, Mar 30, 2022

Worklist: 5718

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2022-0544	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0553	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0567	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0570	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0587	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0606	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0612	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0614	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0622	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0636	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0638	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2022-0644	1	BCK	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: 3/29/22 Analyst: Anne Nord
Plate lot#: 211015 Plate retest date: 04/15/22

Mobile phase A: 10mM Ammonium Formate
0.5M Ammonium Hydroxide

Mobile phase B: 0.1% Formic Acid in MeOH
Ethyl Acetate LC 20% Methanol

Blank Blood Lot: 22B52020 **Blank Urine lot:**
LCMS-QQQ ID: 69679

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

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. 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: 1926134**
- 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.
- 5. 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
- 7. Wait 5 minutes.
- 8. Add 900 µL ethyl acetate.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 10-15 seconds. *(12-15 PSI- Selector to the left).*
- 11. Add 900 µL ethyl acetate.
- 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
- 15. Reconstitute in 100 µL 20% LC MeOH in LC Water and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Open quantitation software and create a new quantitation batch.
- 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.
- 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: *Blood only run. Did not evaluate doxylamine due to interferant.*

**Idaho State Police
Forensic Services**

Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): TOX-22-01

Date of Request: **2/3/2022**

Requestor/Discipline: Celena Shrum/Toxicology

Analytical Method/Quality Standard, Revision #: AM #25, AM #28, AM #29, Revision 13

Temporary or Permanent Deviation: Permanent

Scope of Deviation (record specific information, e.g. affected programs, evidence types, expected end date; etc): Deviation will remain in place until the change is made in the next method revision.

Deviation Request (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual): 4.1.4 (Place plate on shaking incubator at approximately 900 rpm for approximately 15 minutes) of AM #25, AM # 28, and AM #29 is being removed. The removal of this step was tested in the validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022) and it was determined that that step is not necessary and can be removed.

Technical Justification for Analytical Method Deviations: Refer to validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022)

Technical Review

Departure approved
Comments:

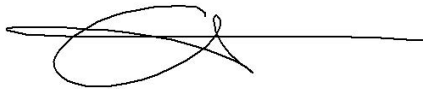
Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager

Date: 2/10/2022

Quality Review

Quality Approver: Jason Crowe
Title: Quality Manager
Date: 2/10/2022



	1	2	3	4	5	6	7	8	9	10	11	12
A					567-1	638-1						
B					570-1	644-1						
C					587-1							
D					606-1							
E					612-1							
F				Negative blood	614-1							
G				544-1	622-1							
H				553-1	636-1							Cal 1

C2022-0__

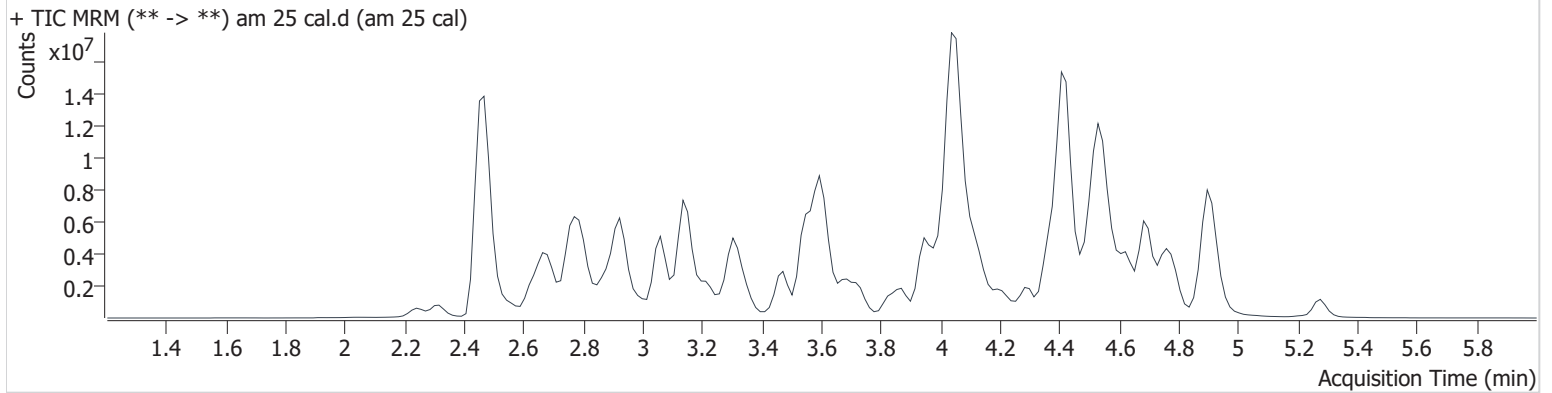
AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\mds.batch.bin
Calibration Last Update 3/29/2022 1:34:02 PM

Instrument 69679
Type Cal
Acq. Method mds713.m
Sample Position P2-H12
Injection Volume 2.5
Acq. Date-Time 3/29/2022 11:40:12 AM
Sample Info.

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

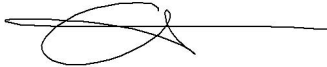
Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	3.043	38286	13527.4	13926.8	1225238	10.000
7-aminoclonazepam	3.355	498514	223.1	273.6	1911314	10.000
7-aminoflunitrazepam	3.584	640198	202.5	118.4	1911314	10.000
Acetyl Fentanyl	4.285	243550	130.7	199.6	17887686	10.000
Acetyl Norfentanyl	2.671	194461	2658.5	108.2	17887686	10.000
a-hydroxyalprazolam	4.378	319108	1024.8	84292.1	1911314	10.000
alpha-hydroxymidazolam	4.484	1887465	519.0	288923.8	1911314	10.000
alpha-PHP	4.017	1824906	1400.0	256.1	6176147	10.000
alpha-PVP	3.697	2560273	1459.4	599.0	6176147	10.000
Alprazolam	4.504	1382752	359.1	211.8	12992341	10.000
Amitriptyline	4.600	801615	374.9	239.1	4162650	10.000
Amphetamine	2.677	2613970	1011.5	1034.4	6176147	10.000
Benzoylcegonine	3.123	88570	68401.6	69.6	185403	10.000
Brompheniramine	4.086	58463	91.3	8.2	36970905	10.000
Buprenorphine	5.288	113172	19681.1	2491.4	2889165	10.000
Bupropion	4.003	2572041	1386.9	2126.2	10576252	10.000
Carbamazepine	4.064	4258846	519.4	4408.1	121708	10.000
Carisoprodol	4.062	750623	769270.7	96.8	4117197	10.000
Chlordiazepoxide	4.628	426866	148.0	160.9	12992341	10.000
Chlorpheniramine	3.968	3803549	5535.2	69.6	36970905	10.000
Citalopram	4.054	1721410	132.7	129.0	36970905	10.000
Clomipramine	4.870	1275730	2276.8	373.2	5227251	10.000
Clonazepam	4.302	887861	380.0	207.5	12992341	10.000
Clonazolam	4.221	878294	1029.8	382027.7	12992341	10.000
Cocaethylene	3.825	2526138	866050.0	2248.6	36970905	10.000
Cocaine	3.627	3154732	19536.5	250.3	18060171	10.000
Codeine	3.000	341594	1382.0	470.3	221420	10.000
Cyclobenzaprine	4.477	1758581	275.5	119.9	4162650	10.000
Desipramine	4.370	2467066	531384.6	1425.6	4162650	10.000
Dextromethorphan	4.138	1283953	1028.1	349653.7	6990937	10.000
Dextrorphan	3.296	1570350	3866.9	2187.8	6990937	10.000
Diazepam	4.751	822784	241.6	549.1	12992341	10.000
Dihydrocodeine	2.741	755410	347.4	196.9	1460500	10.000
Diphenhydramine	4.063	5138078	545.5	481.6	36970905	10.000

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Doxepin	4.275	1195979	305.1	234.6	15933012	10.000
EDDP	4.014	642558	174.6	92.2	1460500	10.000
Estazolam	4.398	3354896	818.7	460.2	12992341	10.000
Etizolam	4.515	133092	60544.2	95118.4	12992341	10.000
Fentanyl	4.531	197669	99.4	51172.5	12626703	10.000
Flualprazolam	4.347	497759	238712.7	3274.9	12992341	10.000
Flunitrazepam	4.442	1465981	429.9	465.6	12992341	10.000
Fluoxetine	4.303	1339201	1355.5	25377.9	2655659	10.000
Flurazepam	4.544	2006998	815989.6	69353.8	12992341	10.000
Hydrocodone	3.275	972125	123.2	50.4	6008318	10.000
Hydromorphone	2.561	887270	192.5	533.4	221420	10.000
Imipramine	4.522	3055093	2335.7	606.3	4162650	10.000
Ketamine	4.003	1930757	1398.7	86.8	13041500	10.000
Lamotrigine	3.434	163918	340.3	1505.8	36970905	10.000
Levamisole	3.131	1390692	590.1	359.7	6990937	10.000
Levetireacetam	2.325	642828	529.8	451.3	5227251	10.000
Lorazepam	4.301	270040	∞	∞	12992341	10.000
Maprotiline	4.599	427767	229.3	128.6	4162650	10.000
MDA	2.796	1726223	605.6	50.6	16706954	10.000
MDEA	3.069	2420506	485.1	256.4	16706954	10.000
MDMA	2.902	2920674	4027.7	190.8	16706954	10.000
Meperidine	3.695	1586713	113.7	102.4	6990937	10.000
Meprobamate	3.437	411915	430.5	87.4	4117197	10.000
Methadone	4.395	3302202	5155.5	808.4	1460500	10.000
Methamphetamine	2.813	4348580	∞	5866.5	16706954	10.000
Methocarbamol	3.343	270486	701.3	554.1	1460500	10.000
Methylphenidate	3.482	5372615	1582.2	504.9	13041500	10.000
Metoprolol	3.295	439219	1087.6	286833.9	6990937	10.000
Midazolam	4.685	411561	189020.9	141137.0	12992341	10.000
Mirtazapine	4.555	2133629	2684.2	954.7	6990937	10.000
Mitragynine	4.528	246663	160781.2	197772.9	6990937	10.000
Morphine	2.319	209064	709.4	807.6	221420	10.000
Norbuprenorphine	3.805	56317	14748.1	18070.1	221420	10.000
Nordiazepam	4.585	775986	1467089.0	135215.2	12992341	10.000
Norfentanyl	3.160	3469835	31273.1	228.8	17887686	10.000
Norhydrocodone	2.758	35962	2239.8	37.5	6008318	10.000
norketamine	3.958	419991	348.9	2007.4	13041500	10.000
Normeperidine	3.482	1481311	263.3	198.2	36970905	10.000
Noroxycodone	2.680	1153943	∞	333.6	8590897	10.000
Nortriptyline	4.416	897452	840.9	307.3	4162650	10.000
O-desmethyl-tramadol	2.700	4153347	1171.1	221.5	36970905	10.000
Olanzapine	4.103	1155714	330627.5	367.1	121708	10.000
Oxazepam	4.383	1241352	213.7	163.4	5314377	10.000
Oxycodone	2.922	1734087	245.2	320.9	8590897	10.000
Oxymorphone	2.241	1005431	163.4	805.3	221420	10.000
Paroxetine	4.346	230535	226.0	306.7	2655659	10.000
Phenazepam	4.515	1187430	384992.2	220503.1	12992341	10.000
Phencyclidine	3.879	2751427	135.7	130.7	6990937	10.000
Phentermine	2.949	39473	∞	∞	13041500	10.000
Phenytoin	3.955	186614	427.1	72.3	121708	10.000
Promethazine	4.629	3623945	622.8	346.1	36970905	10.000
Pseudoephedrine	2.477	44980757	∞	444.4	16706954	10.000
Quetiapine	4.743	3354283	1388.0	1403.4	26778196	10.000
Sertraline	4.642	495066	364707.8	314.1	2655659	10.000
Sufentanil	4.956	173735	93997.2	195.0	17887686	10.000
Tapentadol	3.314	2832425	983.8	816.2	1460500	10.000
Temazepam	4.551	2398473	714.7	130.6	12992341	10.000
Tramadol	3.311	4611800	1539.7	55.4	36970905	10.000
Trazodone	4.927	3357473	1293.4	418.3	15933012	10.000
Venlafaxine	3.737	3497586	2048.9	118.9	2655659	10.000



AM #25 Multi-Drug Screen Results

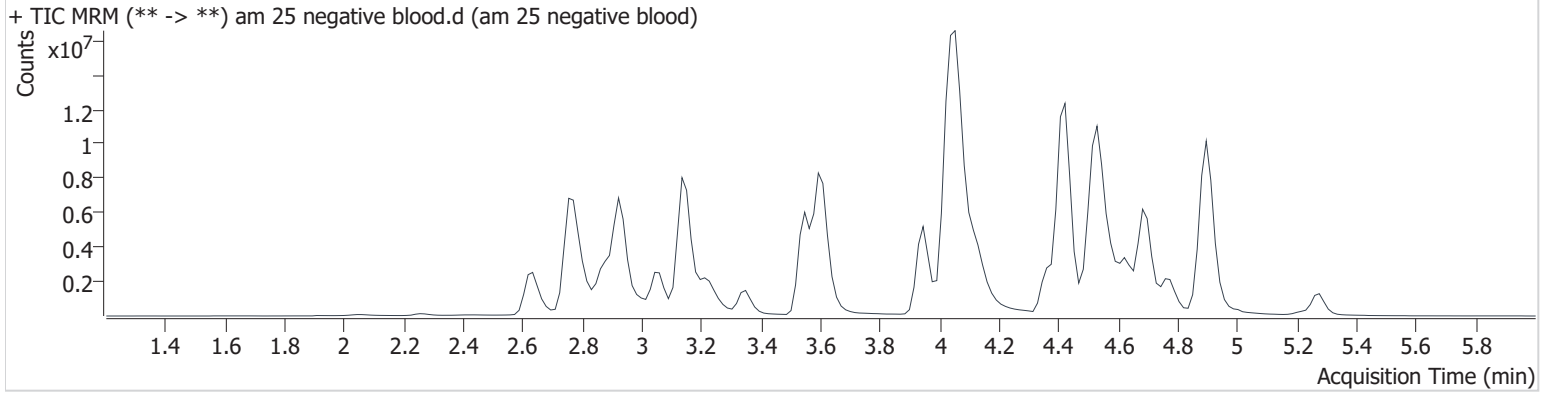
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Zaleplon	4.196	1339744	1290.5	392.7	26778196	10.000
Zolpidem	4.427	4983583	4936.3	905.6	26778196	10.000
Zopiclone	4.436	559922	226586.7	826.9	2923155	10.000

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\mds.batch.bin
Calibration Last Update 3/29/2022 1:34:02 PM

Instrument	69679	Data File	am 25 negative blood.d
Type	Sample	Sample	am 25 negative blood
Acq. Method	mds713.m	Operator	Anne Nord
Sample Position	P2-F4	Comment	
Injection Volume	2.5		
Acq. Date-Time	3/29/2022 11:46:59 AM		
Sample Info.			

Sample Chromatogram





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

Extraction Date: 3/29/22 Analyst: Anne Nord

Plate lot#: 211018 Plate retest date: 4/18/22

Mobile phase A: 10mM Ammonium Formate
0.1% Formic Acid in Water

Mobile phase B: 0.1% Formic acid in MeOH
MTBE Hexane

Blank Blood Lot: 22B52020 **Urine Blank:**

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

LCMS-QQQ ID: 69679

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.

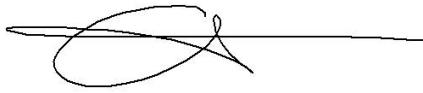
Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 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: K52558g
Pipette 1000 ul urine to analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
- 4. Pipette 500 µL 0.1% formic acid in blood wells 500 ul saturated phosphate buffer in urine wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
- 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
- 8. Wait 5 minutes.
- 9. Add 2.25 mL MTBE (add in 3 increments of 750 µL).
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 10-15 seconds. (12-15 PSI- Selector to the left).
- 12. Add 2.25 mL hexane (add in 3 increments of 750 µL).
- 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
- 16. Reconstitute in 100 µL 100% LCMS MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 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.
- 3. Retention time within +/- 2% or +/-0.100 min whichever is greater of the average retention time of the calibrators.
- 4. Did all QCs pass for each analyte? Yes
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: *Blood only run*



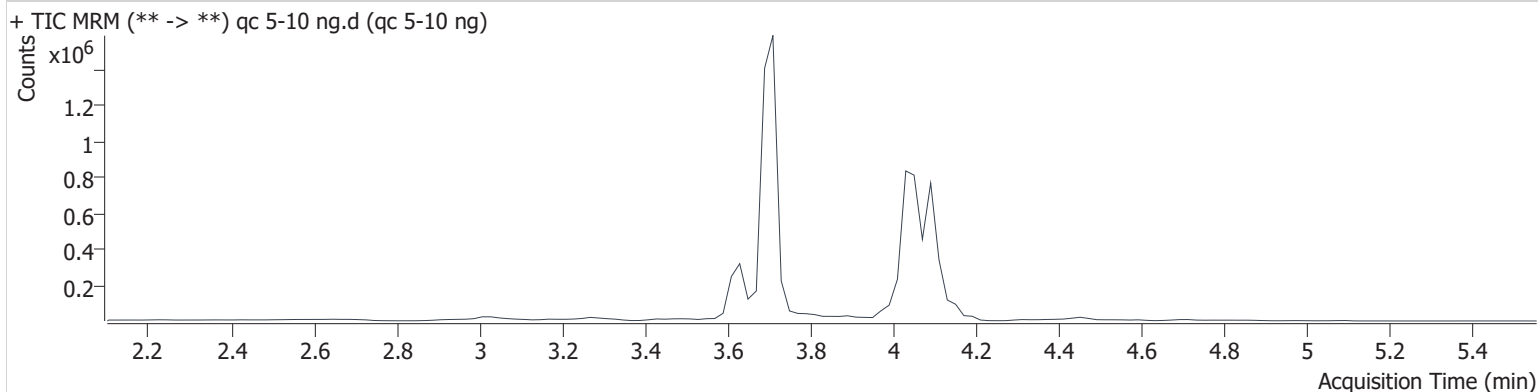
	1	2	3	4	5	6
a	cal 1	Internal control	612-1			
b	cal 2	negative blood	614-1			
c	cal 3	544-1	622-1			
d	cal 4	553-1	636-1			
e	Cal 5	567-1	638-1			
f	cal 6	570-1	644-1			
g	cal 7	587-1				
h	Internal control (blood)	606-1				

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Calibration Last Update 3/30/2022 10:47:27 AM

Instrument	69679	Data File	qc 5-10 ng.d
Type	QC	Sample	qc 5-10 ng
Acq. Method	am 26 cann scr 5-5-20.m	Operator	Anne Nord
Sample Position	P3-H1	Comment	
Injection Volume	5		
Acq. Date-Time	3/29/2022 3:02:01 PM		
Sample Info.			

Sample Chromatogram



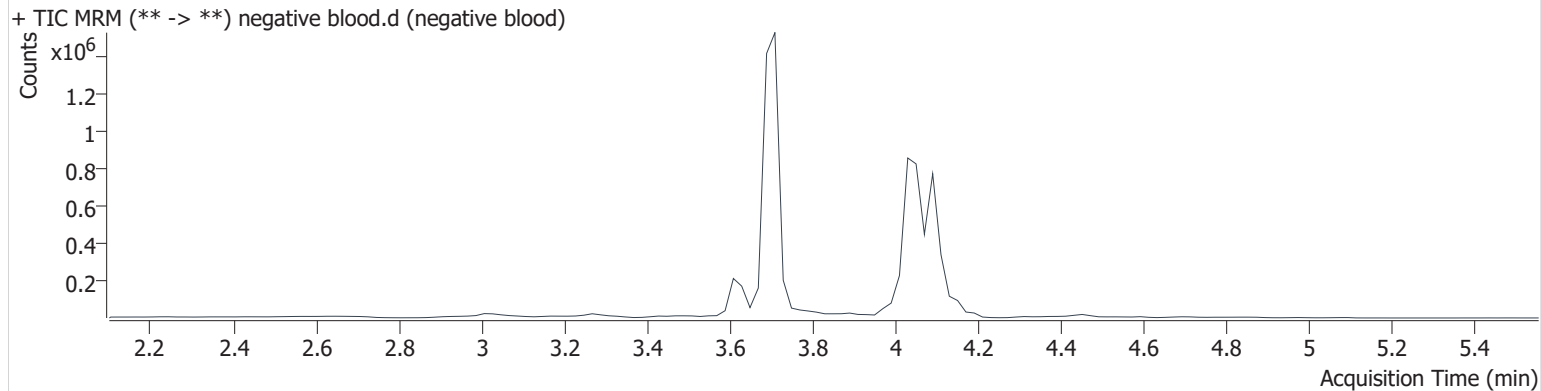
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	48095	1183382	4.862 ng/ml
THC-COOH	3.632	120460	608006	15.588 ng/ml
THC-OH	3.719	32734	3839086	5.190 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Calibration Last Update 3/30/2022 10:47:27 AM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	am 26 cann scr 5-5-20.m	Operator	Anne Nord
Sample Position	P3-B2	Comment	
Injection Volume	5		
Acq. Date-Time	3/29/2022 3:08:38 PM		
Sample Info.			

Sample Chromatogram

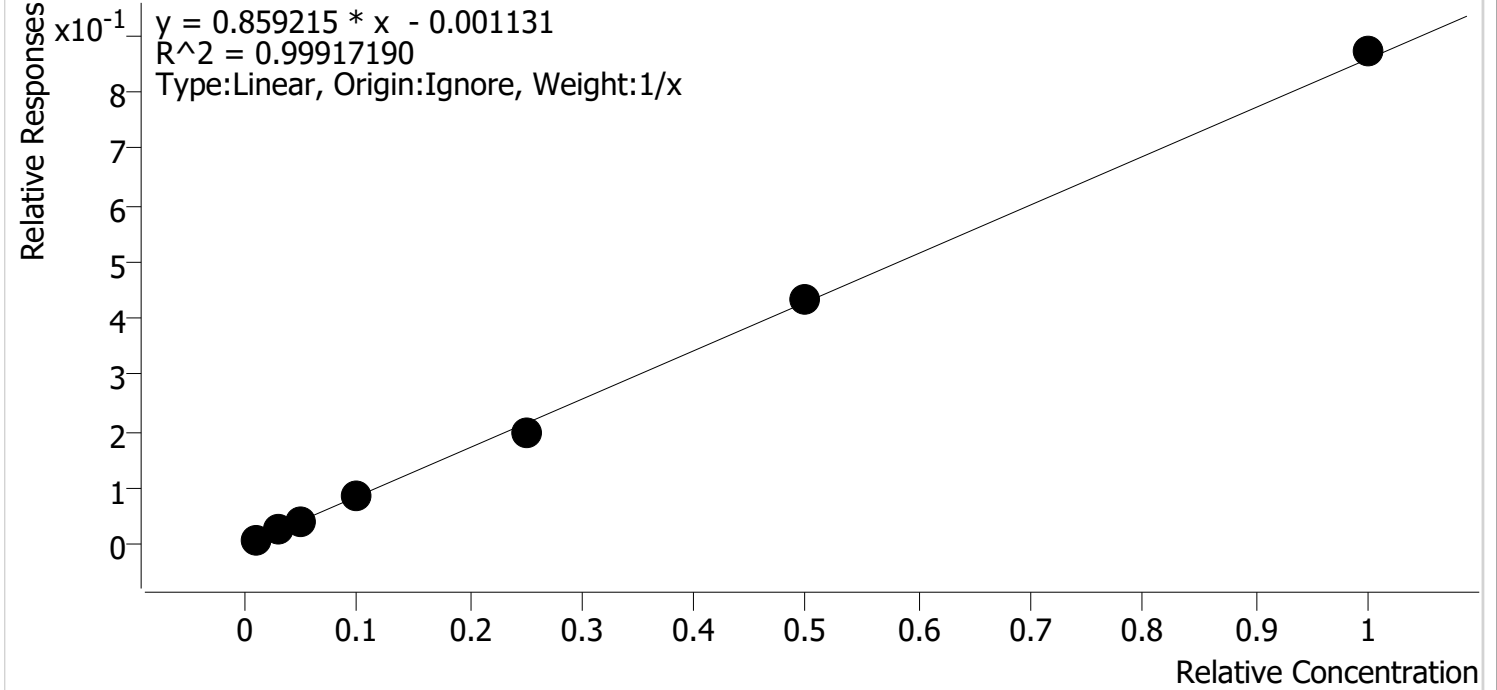


Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Last Cal. Update 3/30/2022 10:47 AM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-d3

THC - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 0 QCs



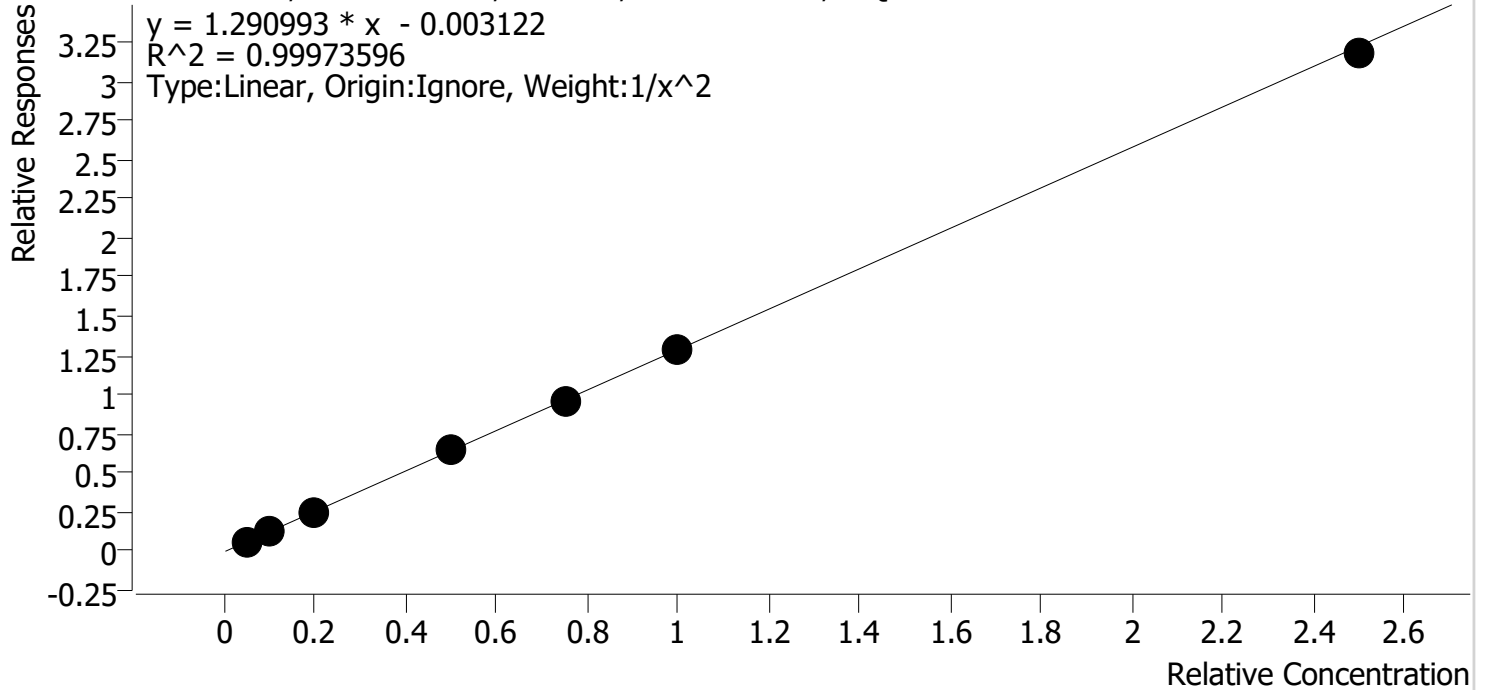
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	1.0	1.1	109.9
cal 2	2	✓	3.0	3.0	99.0
cal 3	3	✓	5.0	4.8	96.8
cal 4	4	✓	10.0	9.8	98.4
cal 5	5	✓	25.0	23.5	93.8
cal-6	6	✓	50.0	50.3	100.6
cal-7	7	✓	100.0	101.5	101.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Last Cal. Update 3/30/2022 10:47 AM
Analyst Name ISP\datastor
Analyte THC-COOH **Internal Standard** THC-COOH-d9

THC-COOH - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 0 QCs



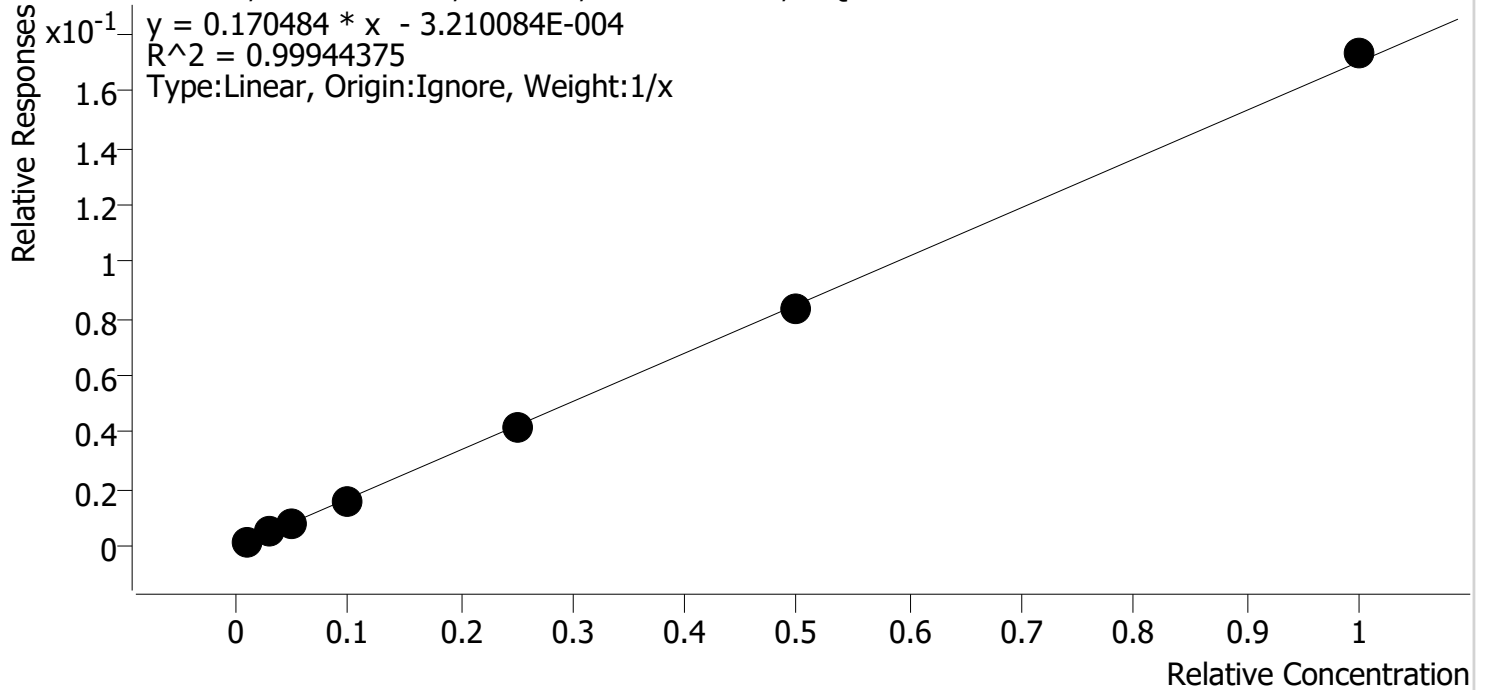
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	5.0	5.0	99.7
cal 2	2	✓	10.0	10.0	99.9
cal 3	3	✓	20.0	20.2	101.0
cal 4	4	✓	50.0	51.2	102.5
cal 5	5	✓	75.0	74.5	99.3
cal-6	6	✓	100.0	99.2	99.2
cal-7	7	✓	250.0	246.3	98.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Last Cal. Update 3/30/2022 10:47 AM
Analyst Name ISP\datastor
Analyte THC-OH **Internal Standard** THC-OH-d3

THC-OH - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 0 QCs



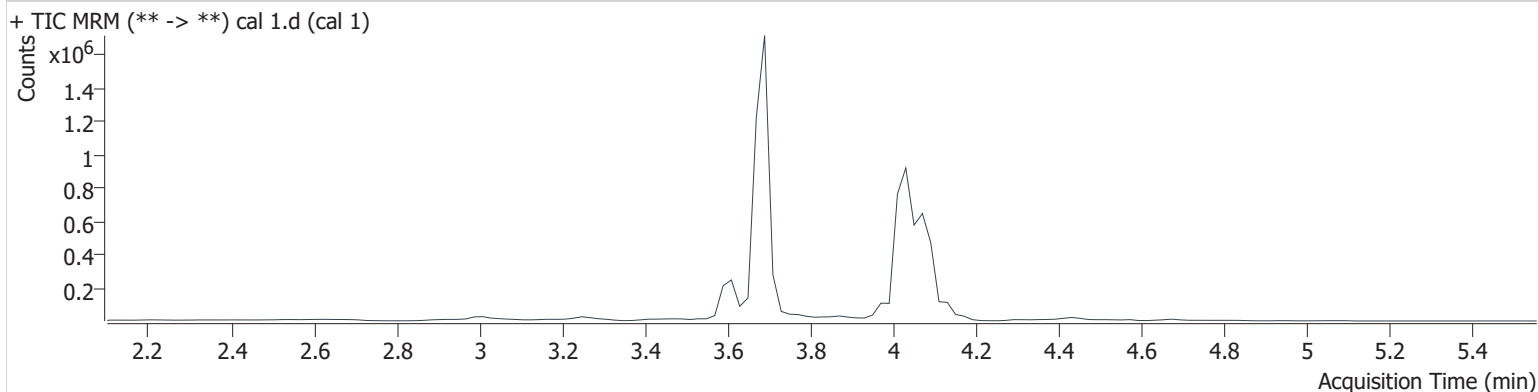
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	1.0	1.1	110.5
cal 2	2	✓	3.0	2.9	97.6
cal 3	3	✓	5.0	4.8	96.5
cal 4	4	✓	10.0	9.6	95.9
cal 5	5	✓	25.0	25.0	100.1
cal-6	6	✓	50.0	48.8	97.6
cal-7	7	✓	100.0	101.7	101.7

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Calibration Last Update 3/30/2022 10:47:27 AM

Instrument	69679	Data File	cal 1.d
Type	Cal	Sample	cal 1
Acq. Method	am 26 cann scr 5-5-20.m	Operator	Anne Nord
Sample Position	P3-A1	Comment	
Injection Volume	5		
Acq. Date-Time	3/29/2022 1:35:19 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	9150	1100393	1.099 ng/ml Low
THC-COOH	3.612	37592	614041	4.984 ng/ml Low
THC-OH	3.699	6315	4042535	1.105 ng/ml Low

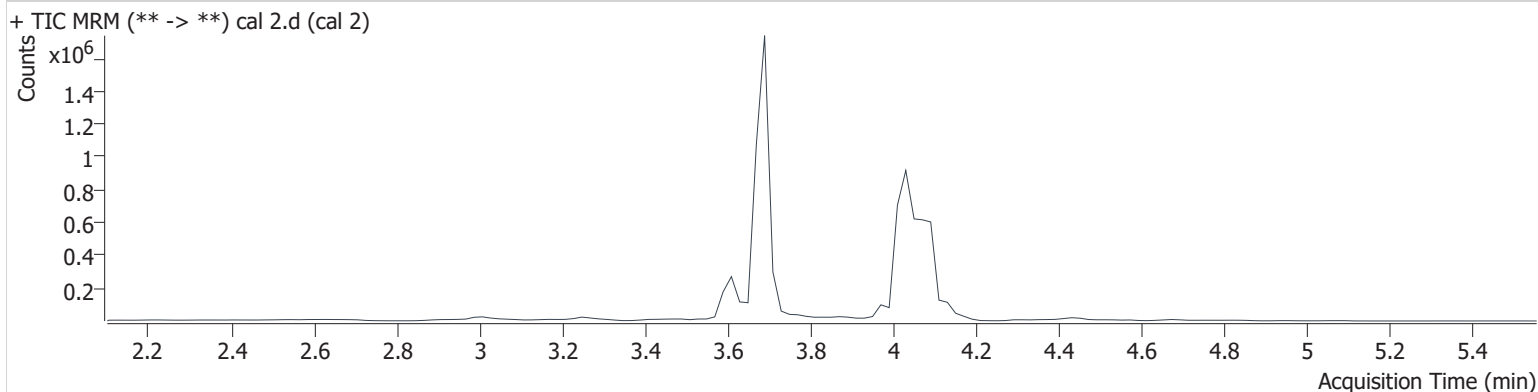
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Calibration Last Update 3/30/2022 10:47:27 AM

Instrument	69679	Data File	cal 2.d
Type	Cal	Sample	cal 2
Acq. Method	am 26 cann scr 5-5-20.m	Operator	Anne Nord
Sample Position	P3-B1	Comment	
Injection Volume	5		
Acq. Date-Time	3/29/2022 1:41:57 PM		

Sample Info.

Sample Chromatogram



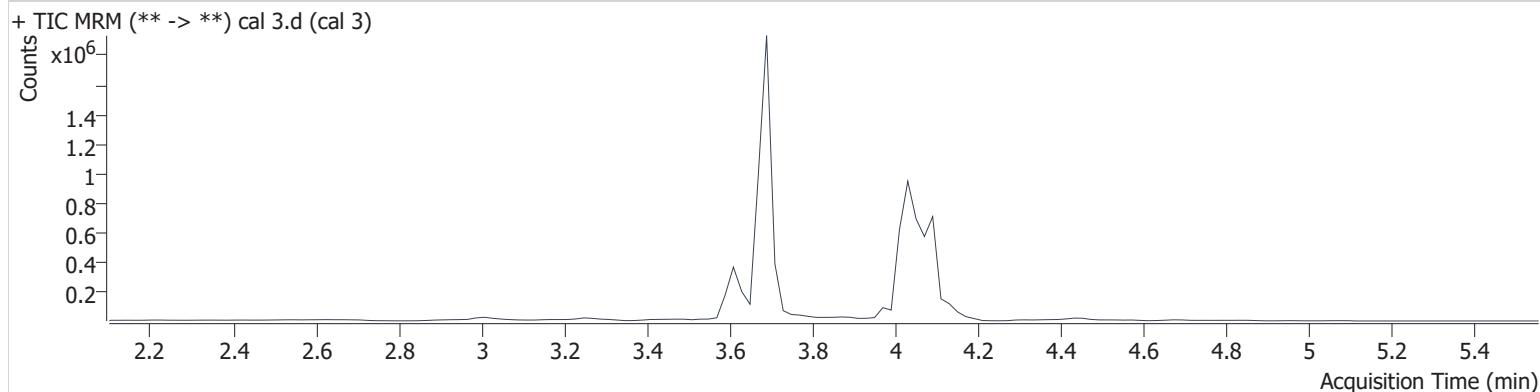
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	29147	1195714	2.969 ng/ml Low
THC-COOH	3.612	69381	551305	9.990 ng/ml Low
THC-OH	3.699	17653	3777410	2.929 ng/ml Low

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Calibration Last Update 3/30/2022 10:47:27 AM

Instrument	69679	Data File	cal 3.d
Type	Cal	Sample	cal 3
Acq. Method	am 26 cann scr 5-5-20.m	Operator	Anne Nord
Sample Position	P3-C1	Comment	
Injection Volume	5		
Acq. Date-Time	3/29/2022 1:48:35 PM		
Sample Info.			

Sample Chromatogram



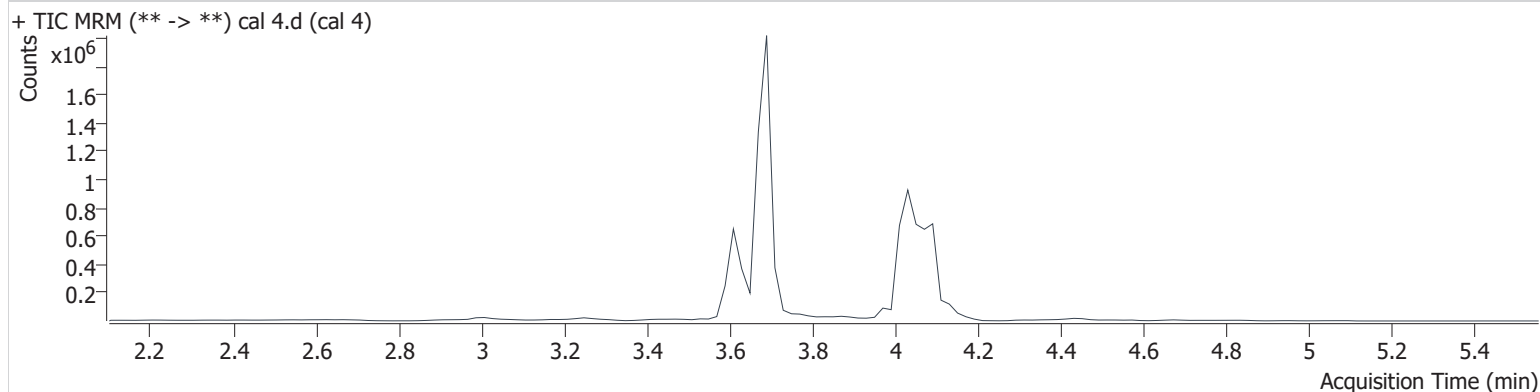
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	49170	1215156	4.841 ng/ml
THC-COOH	3.612	147691	573428	20.192 ng/ml
THC-OH	3.699	30731	3886870	4.826 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Calibration Last Update 3/30/2022 10:47:27 AM

Instrument	69679	Data File	cal 4.d
Type	Cal	Sample	cal 4
Acq. Method	am 26 cann scr 5-5-20.m	Operator	Anne Nord
Sample Position	P3-D1	Comment	
Injection Volume	5		
Acq. Date-Time	3/29/2022 1:55:13 PM		
Sample Info.			

Sample Chromatogram



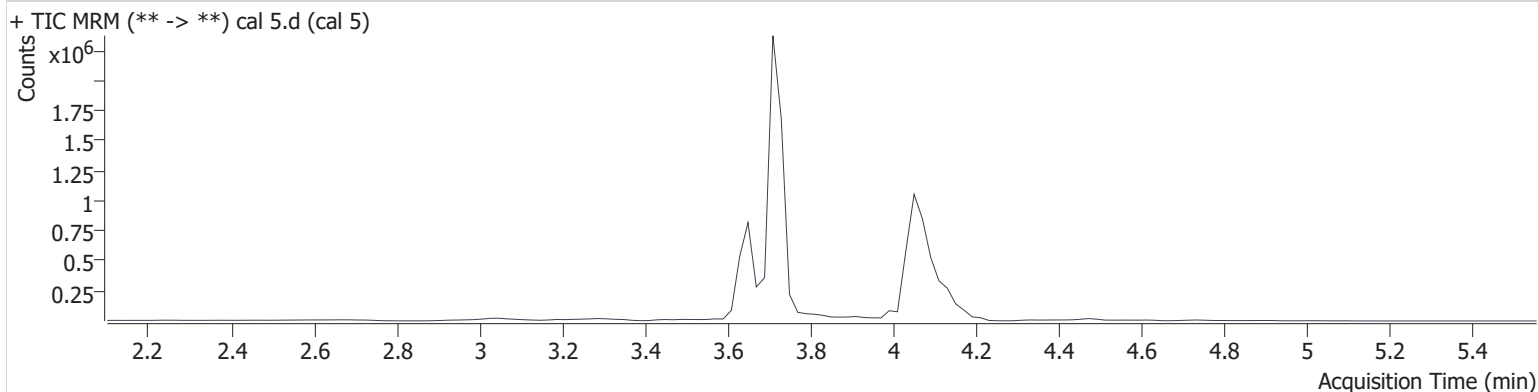
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	101287	1214732	9.836 ng/ml
THC-COOH	3.612	395797	601093	51.246 ng/ml
THC-OH	3.699	65895	4111443	9.589 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Calibration Last Update 3/30/2022 10:47:27 AM

Instrument	69679	Data File	cal 5.d
Type	Cal	Sample	cal 5
Acq. Method	am 26 cann scr 5-5-20.m	Operator	Anne Nord
Sample Position	P3-E1	Comment	
Injection Volume	5		
Acq. Date-Time	3/29/2022 2:35:37 PM		
Sample Info.			

Sample Chromatogram



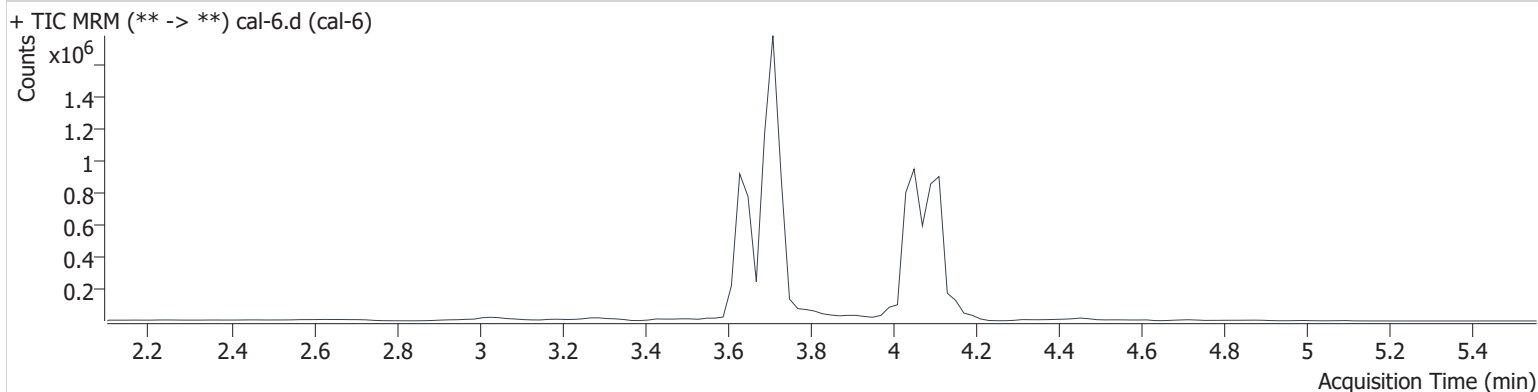
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.144	130406	650566	23.461 ng/ml
THC-COOH	3.652	578952	604167	74.469 ng/ml
THC-OH	3.719	173613	4098386	25.036 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Calibration Last Update 3/30/2022 10:47:27 AM

Instrument	69679	Data File	cal-6.d
Type	Cal	Sample	cal-6
Acq. Method	am 26 cann scr 5-5-20.m	Operator	Anne Nord
Sample Position	P3-F1	Comment	
Injection Volume	5		
Acq. Date-Time	3/29/2022 2:42:14 PM		
Sample Info.			

Sample Chromatogram



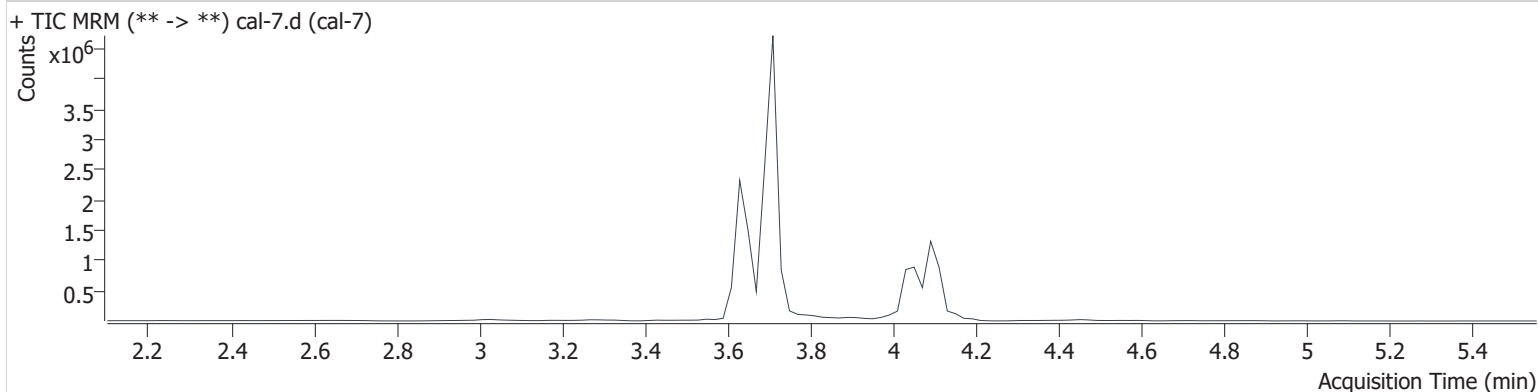
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.124	551839	1280386	50.293 ng/ml
THC-COOH	3.632	752180	589062	99.151 ng/ml
THC-OH	3.719	259101	3124962	48.822 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2022\am 25-26\032922\QuantResults\cann.batch.bin
Calibration Last Update 3/30/2022 10:47:27 AM

Instrument	69679	Data File	cal-7.d
Type	Cal	Sample	cal-7
Acq. Method	am 26 cann scr 5-5-20.m	Operator	Anne Nord
Sample Position	P3-G1	Comment	
Injection Volume	5		
Acq. Date-Time	3/29/2022 2:48:52 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	1089447	1250827	101.501 ng/ml
THC-COOH	3.632	1921064	604732	246.310 ng/ml
THC-OH	3.719	678731	3922206	101.692 ng/ml