REVIEWED
By Tamara Salazar at 2:09 pm, Feb 29, 2024

2/27/2024

Worklist: 6692

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2024-0161	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0180	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0214	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0215	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0223	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0232	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0234	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0291	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0293	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0307	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0381	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: 2/27/24
Plate lot#: 231213
Mobile phase A: 10mM Amm Form
Blank Blood Lot: 23J52629
LCMS-QQQ ID: 69679

Analyst: Anne Nord
Plate Retest Date: 6/13/2024
Mobile phase B: 0.1% Formic Acid in MeOH
Blank Urine Lot: Click here to enter text.
Column: Agilent Phenyl Hexyl (4.6x50mm, 2.7um)

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: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.
☒ 3. Using a calibrated pipette, pipette **250µL blood and urine** (if applicable) into wells of analytical (standards) plate. **Pipette ID: P31168J**
☒ 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer **200-450µL of blood+base and urine+base (if applicable)** mixture to corresponding wells of SLE+ plate. Amount transferred: *300*
☒ 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).***
☒ 8. Wait 5 minutes.
☒ 9. Add **900uL ethyl acetate.**
☒ 10. Wait 5 minutes.
☒ 11. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 12. Add **900uL ethyl acetate.**
☒ 13. Wait 5 minutes.
☒ 14. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C. ☒ If run contains urine or at the analyst's discretion, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying (optional). SPE Dry ID: 66819
☒ 16. Reconstitute in **100µL 20% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

☒ 1. Open quantitation software and create a new quantitation batch.
☒ 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 of 5 or greater or 2-5 for discretionary range.
☒ 4. Did all QCs pass for each analyte? If no, describe issue in comments (below).
☒ 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: *Mikel Buffaloe Hands of the Analyst*
C2024-0214-1 am 25 was run not enough sample to run am 26.

	1	2	3	4	5	6	7	8	9	10	11	12
A						neg blood	0291-1					
B						0161-2	0293-1					
C						0180-1	0307-1					
D						0214-1	0381-1					
E						0215-1						
F						0223-1						
G						0232-1						
H						0234-1						cal 1

C2024-____-_ plate position 2

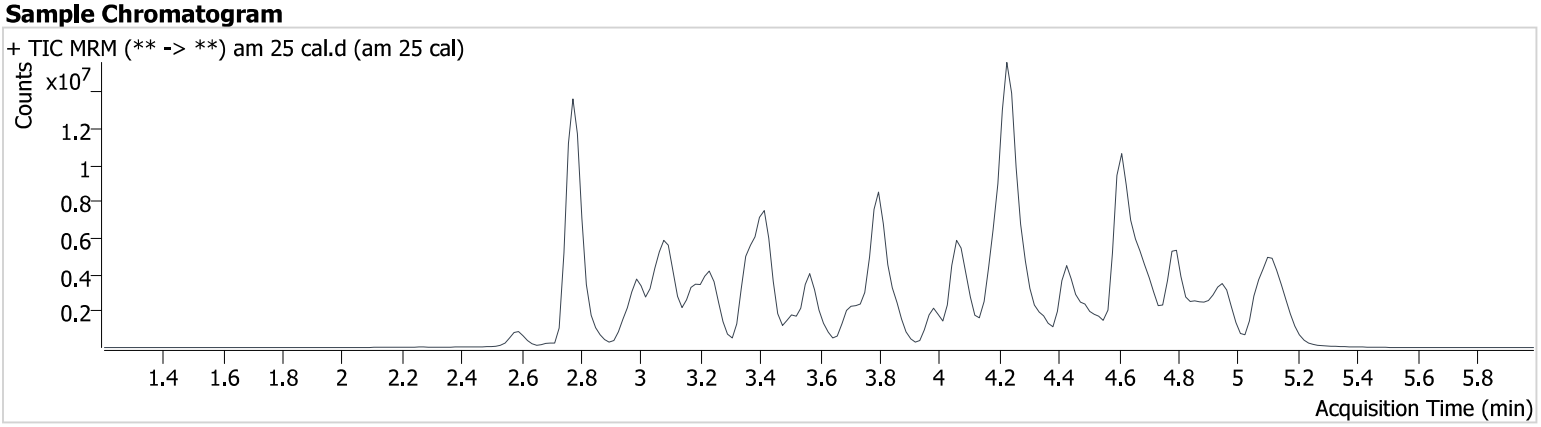
AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am25.batch.bin
Calibration Last Update 2/27/2024 3:44:28 PM

Instrument 69679
Type Cal
Acq. Method mds713.m
Sample Position P2-H12
Injection Volume 2.5
Acq. Date-Time 2/27/2024 11:13:50 AM
Sample Info.

Data File am 25 cal.d
Sample am 25 cal
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.867	517399	2304.3	43.2	754463	10.000
6-MAM	3.275	31215	386.7	4648.9	1131044	10.000
7-aminoclonazepam	3.633	196751	81800.0	309.0	1440344	10.000
7-aminoflunitrazepam	3.848	368146	1175.0	137.7	1440344	10.000
9-Hydroxyrisperidone	4.209	4035511	74817.6	67963.0	1440344	10.000
Acetyl Fentanyl	4.230	187276	89.6	76270.8	5267523	10.000
Acetyl Norfentanyl	2.948	135891	579.5	187.7	16052750	10.000
a-hydroxyalprazolam	4.705	34107	27533.8	5632.5	754463	10.000
alpha-hydroxymidazolam	4.765	517906	584.1	409.4	3720428	10.000
alpha-PHP	4.068	1399722	161.4	1956.0	4857372	10.000
alpha-PVP	3.808	1392618	566.2	354.4	4857372	10.000
Alprazolam	4.784	509522	217.3	317.0	3720428	10.000
Amitriptyline	4.727	729283	109.2	145.6	3792066	10.000
Amphetamine	2.998	1521246	406.8	8241.5	4857372	10.000
Benzoylecgonine	3.447	39790	2321.4	∞	210461	10.000
Bromazolam	4.871	239716	2614.7	1620.5	3720428	10.000
Brompheniramine	4.292	57437	3489.3	∞	39116292	10.000
Buprenorphine	5.203	2787	809.3	8066.8	1641355	10.000
Bupropion	4.099	2406373	2333.2	2473.0	9996260	10.000
Carbamazepine	4.361	3376906	∞	1841.1	4790535	10.000
Carisoprodol	4.298	338825	1363.2	86.5	2631996	10.000
Chlordiazepoxide	4.969	212093	15311.1	∞	3720428	10.000
Chlorpheniramine	4.173	3795778	39483.6	12533.2	6650791	10.000
Chlorpromazine	4.981	623627	1020.1	209683.4	3383026	10.000
Citalopram	4.321	1690398	353.4	179632.8	39116292	10.000
Clomimpramine	4.967	843565	114.1	158.2	1590547	10.000
Clonazepam	4.645	120492	363.7	16174.8	46149	10.000
Clonazolam	4.519	171029	78947.1	18916.6	754463	10.000
clozapine	4.796	2355368	586126.5	561104.0	12475586	10.000
Cocaethylene	4.000	1955750	1205.4	3656.8	16819585	10.000
Cocaine	3.816	2482164	178718.3	206.5	16819585	10.000
Codeine	3.263	202760	3032.5	2790.4	4790535	10.000

AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cyclobenzaprine	4.635	1222372	387806.9	78.7	3792066	10.000
Desipramine	4.652	1643913	122286.5	1153.8	3792066	10.000
Dextromethorphan	4.281	903978	856.7	2324.9	6650791	10.000
Dextrorphan	3.512	1163175	921800.2	182.3	4857372	10.000
Diazepam	5.047	463040	1184.3	601.8	3720428	10.000
Dihydrocodeine	2.987	607134	1150.0	2884.2	4790535	10.000
Dimethyltriptamine	3.103	1049024	734.3	237.5	4857372	10.000
Diphenhydramine	4.252	5014994	18923.0	497.6	39116292	10.000
Doxepin	4.434	886167	310.8	∞	12475586	10.000
Doxylamine	3.773	4802387	1067.2	533.7	4857372	10.000
Duloxetine	4.586	29962	289.8	735.9	1590547	10.000
EDDP	4.249	40465	64.3	1481.0	293529	10.000
Estazolam	4.694	1031582	206.0	2467.5	3720428	10.000
Etizolam	4.765	62800	28538.2	71049.1	3720428	10.000
Fentanyl	4.443	152663	311.4	49442.2	9607980	10.000
Flualprazolam	4.613	236441	96578.4	150.4	3720428	10.000
Flunitrazepam	4.753	502974	1706.2	66088.9	754463	10.000
Fluorofentanyl	4.488	140178	28519.2	224.3	9607980	10.000
Fluoxetine	4.554	1026076	301.4	58721.9	1590547	10.000
Flurazepam	4.533	1815879	524394.1	185232.1	1641355	10.000
Hydrocodone	3.431	665704	2549.2	714.3	4790535	10.000
Hydromorphone	2.852	618394	17.9	9193.3	194839	10.000
hydroxyzine	4.900	2330470	675615.6	408358.4	12475586	10.000
Imipramine	4.680	3057052	357805.1	2151.8	3792066	10.000
Ketamine	4.053	1559122	4848.2	81.2	8854889	10.000
Lamotrigine	3.743	1318343	1177.3	894.0	4857372	10.000
Levamisole	3.393	1295086	6245.0	323.7	16819585	10.000
Levetiracetam	2.601	329302	596.5	161.0	1440344	10.000
Lorazepam	4.598	19696	∞	∞	754463	10.000
Maprotiline	4.650	254952	121.6	16.1	3792066	10.000
MDA	3.118	1606269	464.8	484.0	12230186	10.000
MDEA	3.363	2453216	1062.7	643.5	12230186	10.000
MDMA	3.210	2318405	736.5	1373.5	12230186	10.000
Meperidine	3.821	1437684	241.5	326.7	194839	10.000
Meprobamate	3.731	186598	129.1	158.5	2631996	10.000
Methadone	4.616	3832161	947.9	367541.2	5267523	10.000
Methamphetamine	3.104	1967060	∞	95644490 1712204. 0	12230186	10.000
Methocarbamol	3.683	198723	1159.0	370.7	2631996	10.000
Methylphenidate	3.699	4637895	14651.4	616.4	8663897	10.000
Metoprolol	3.557	498399	4441.9	159806.6	4857372	10.000
Midazolam	4.934	317919	75387.8	74312.4	1440344	10.000
Mirtazapine	4.498	1917149	1834.4	1670.1	1641355	10.000
Mitragynine	4.532	226483	140201.1	235034.8	9607980	10.000
Morphine	2.700	213823	∞	1151.3	194839	10.000
Norbuprenorphine	3.979	62211	21246.9	26511.5	1641355	10.000
Nordiazepam	4.911	169282	62606.6	203.5	3720428	10.000
Norfentanyl	3.437	2709617	1351.0	135.5	16052750	10.000
Norhydrocodone	3.035	92486	172.0	119.6	4790535	10.000
norketamine	4.115	253913	314.1	3416.8	8854889	10.000
Normeperidine	3.745	1421952	331.2	940.5	194839	10.000
Noroxycodone	2.987	1012093	126.2	99.1	4790535	10.000
Nortriptyline	4.683	785227	619.7	242.2	1590547	10.000
O-desmethyl-tramadol	3.007	3429709	2665.4	176.9	5267523	10.000
O-Desmethylvenlafaxine	3.373	993604	980.0	∞	5267523	10.000
Olanzapine	4.154	1306763	962.8	1442.4	1590547	10.000
Oxazepam	4.710	107387	56.8	23.4	754463	10.000
Oxycodone	3.215	1588713	848.2	1824.3	8854889	10.000
Oxymorphone	2.577	1066255	25.7	722.2	194839	10.000

AM #25 Multi-Drug Screen. Results

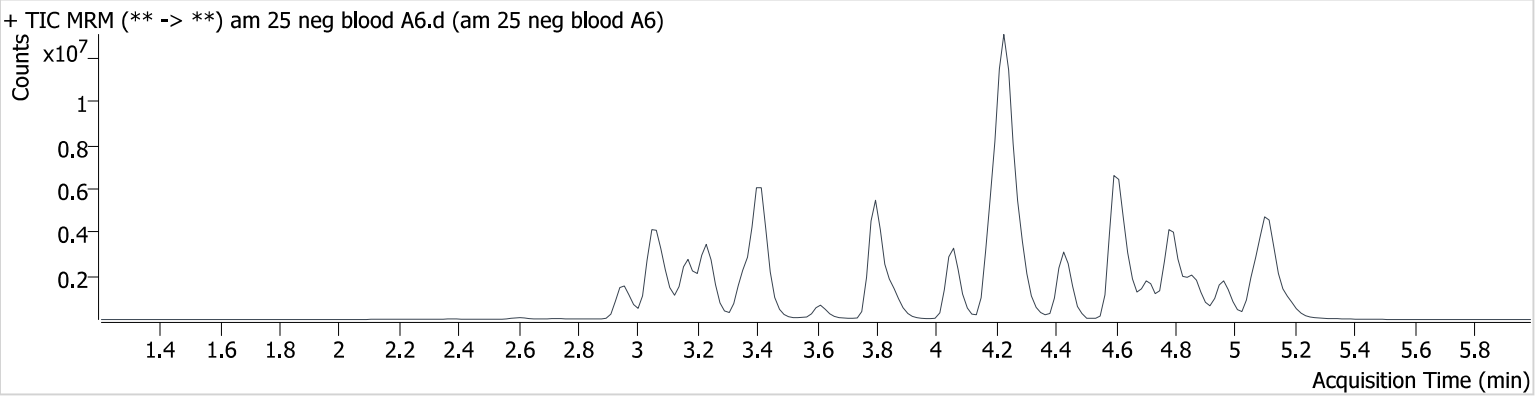
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Paroxetine	4.597	152328	179.7	8719.1	1590547	10.000
Phenazepam	4.826	238344	198.4	198.9	3720428	10.000
Phencyclidine	4.083	3071910	721.5	372.8	5267523	10.000
Phentermine	3.273	841563	∞	1934.7	8663897	10.000
Phenytoin	4.253	100072	80.2	17.6	46149	10.000
primidone	3.516	1684569	526010.2	525.1	46149	10.000
Promethazine	4.680	2543531	524382.0	4932.1	3792066	10.000
Pseudoephedrine	2.783	43939730	12071.9	2801.1	8663897	10.000
Quetiapine	4.930	3821862	759.1	561706.1	6650791	10.000
Risperidone	4.409	3168533	2553.6	1353.2	6650791	10.000
Sertraline	4.892	329203	169499.6	11273.1	1590547	10.000
Sufentanil	4.869	138142	76067.2	27062.4	9607980	10.000
Tapentadol	3.577	2489279	972.3	75.7	8854889	10.000
Temazepam	4.862	778622	696.0	86.5	3720428	10.000
Topiramate	3.920	131338	60798.7	24991.5	55927	10.000
Tramadol	3.573	8273535	∞	103.2	1131044	10.000
Trazodone	5.145	3145529	843004.0	574584.7	14949958	10.000
Venlafaxine	3.972	3919593	377.3	229.8	5267523	10.000
Xylazine	3.531	200639	3862.2	21245.1	5267523	10.000
Zaleplon	4.509	638682	11350.4	25193.3	754463	10.000
Zolpidem	4.617	4711057	1968919.3	73120.5	21604132	10.000
Zopiclone	4.655	796388	3342.3	∞	4071060	10.000

AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am25.batch.bin
Calibration Last Update 2/27/2024 3:44:28 PM

Instrument	69679	**Data File**	am 25 neg blood A6.d
Type	Sample	**Sample**	am 25 neg blood A6
Acq. Method	mds713.m	**Operator**	Anne Nord
Sample Position	P2-A6	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2.5		
Acq. Date-Time	2/27/2024 11:20:44 AM		
Sample Info.			

Sample Chromatogram



AM# 26: Screening of THC and Metabolites in Blood and Urine by LC-MS/MS

Extraction Date: 2/27/24
Plate lot#: 231212
Mobile phase A: 10mM Amm Form in LCMS water
Blank Blood Lot: ~~23J52529~~ 23J52629 2/29/24
LCMS-QQQ ID: 69679

Analyst: Anne Nord
Plate Retest Date: 6/12/2024
Mobile phase B: 0.1% Formic acid in MeOH
Blank Urine Lot: Blood run only
Column: Agilent Phenyl Hexyl (4.6x50mm, 2.7um)

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 1.5mL urine to blank plate, add 250µl 1N KOH. Shake and incubate at 40 degrees for 15 minutes.
☒ 3. Using a calibrated pipette, pipette 1000µL blood or 1000µL hydrolyzed urine in wells of analytical (standards) plate. **Pipette ID: I41142J**
☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 4. Add **500µL of 0.1% formic acid in water to blood samples, and 500µL of saturated phosphate buffer to urine samples** in the wells of the analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer **700-800µL of blood+acid or urine+acid** mixture to corresponding wells of SLE+ plate. Amount transferred: **800 µL**
☒ 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)***
☒ 8. Wait 5 minutes.
☒ 9. Add **2.25mL MTBE. (*Add in 3 increments of 750uL)***
☒ 10. Wait 5 minutes.
☒ 11. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 12. Add **2.25mL Hexane. (*Add in 3 increments of 750uL)***
☒ 13. Wait 5 minutes.
☒ 14. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
☒ 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.
☒ 2. Make any necessary integration changes, R^2 values ≥0.98 for each analyte
☒ 3. RT +/- 2% or 0.100 min, whichever is greater
☒ 4. Confirmation testing on case samples with a response for THC and OH-THC of 3ng/mL or greater and/or Carboxy-THC at 10ng/mL or greater (analyst discretion between 5-10ng/mL) may be pursued.
☒ 5. Did all QCs pass for each analyte? (if not, describe in comments section)
☒ 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Mikel Buffaloe hands of the analyst
C2024-0293-1 moved on SLE plate due to clot, 700ul transferred for step 6.

	1	2	3	4	5	6
a	cal 1		0291-1			
b	cal 2	negative blood	0293-1 mixing plate			
c	cal 3	0161-2	0307-1			
d	cal 4	0180-1	0381-1			
e	cal 5	0215-1	0293-1 SLE & Injection			
f	cal 6	0223-1				
g	cal 7	0232-1				
h	Internal control (blood)	0234-1				

Plate position 3

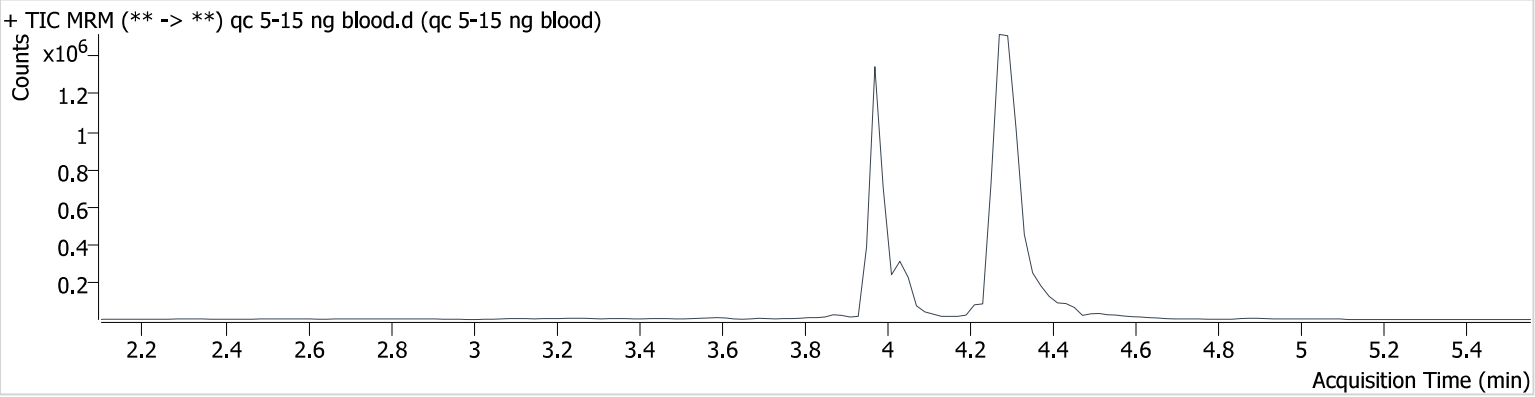
c2024-____-_

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Calibration Last Update 2/27/2024 3:34:26 PM

Instrument	69679	**Data File**	qc 5-15 ng blood.d
Type	QC	**Sample**	qc 5-15 ng blood
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-H1	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/27/2024 1:47:38 PM		
Sample Info.			

Sample Chromatogram



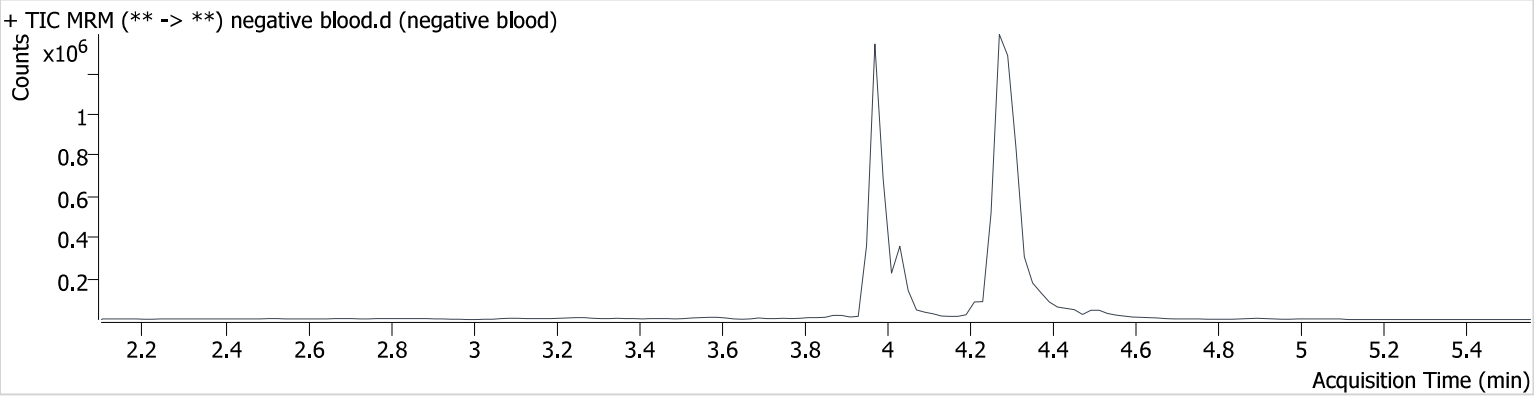
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.385	9000	185942	5.13 ng/ml
THC-COOH	4.053	102925	523235	13.96 ng/ml
THC-OH	3.979	22754	2848511	5.01 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Calibration Last Update 2/27/2024 3:34:26 PM

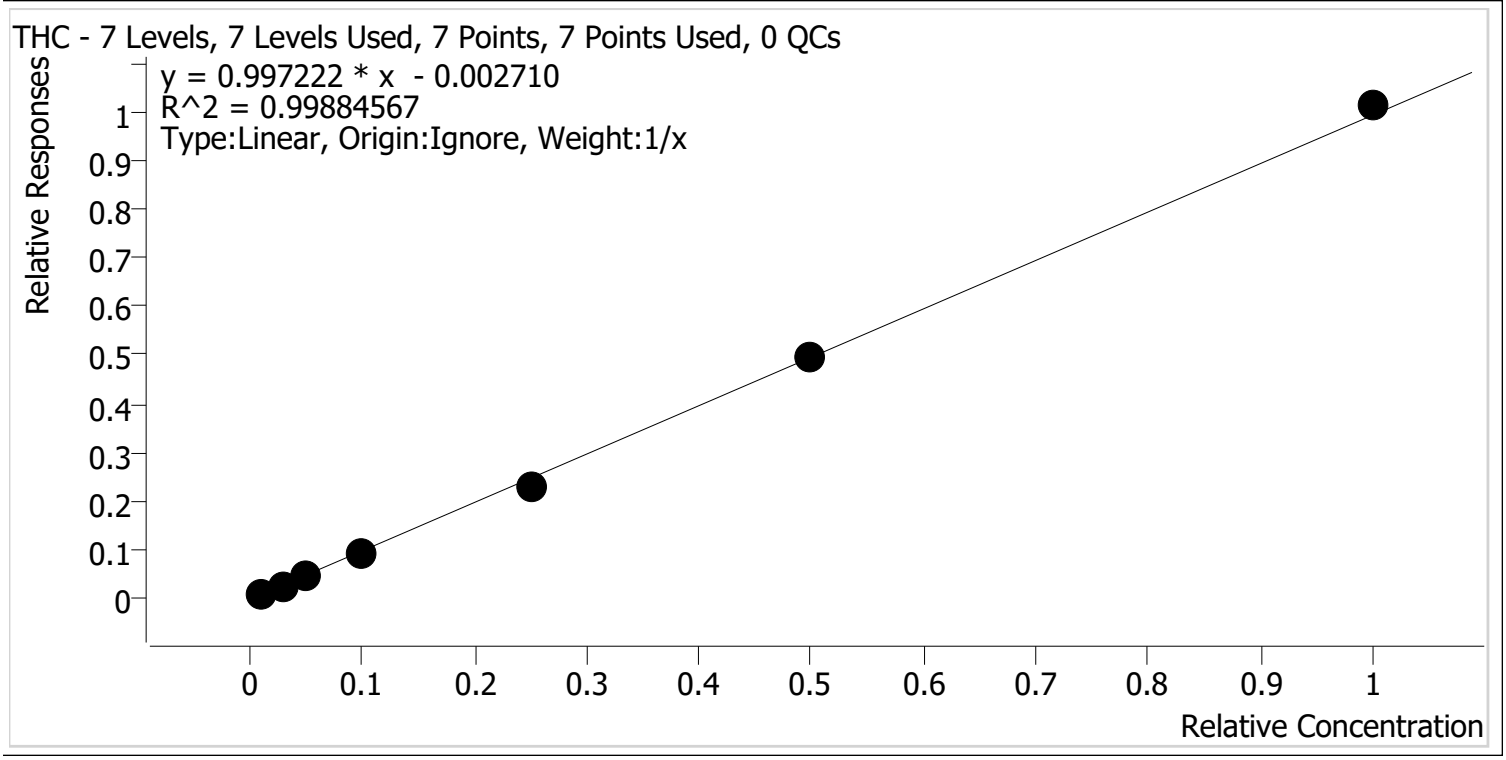
Instrument	69679	**Data File**	negative blood.d
Type	Sample	**Sample**	negative blood
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-B2	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/27/2024 1:54:06 PM		
Sample Info.			

Sample Chromatogram



Compound Calibration Report

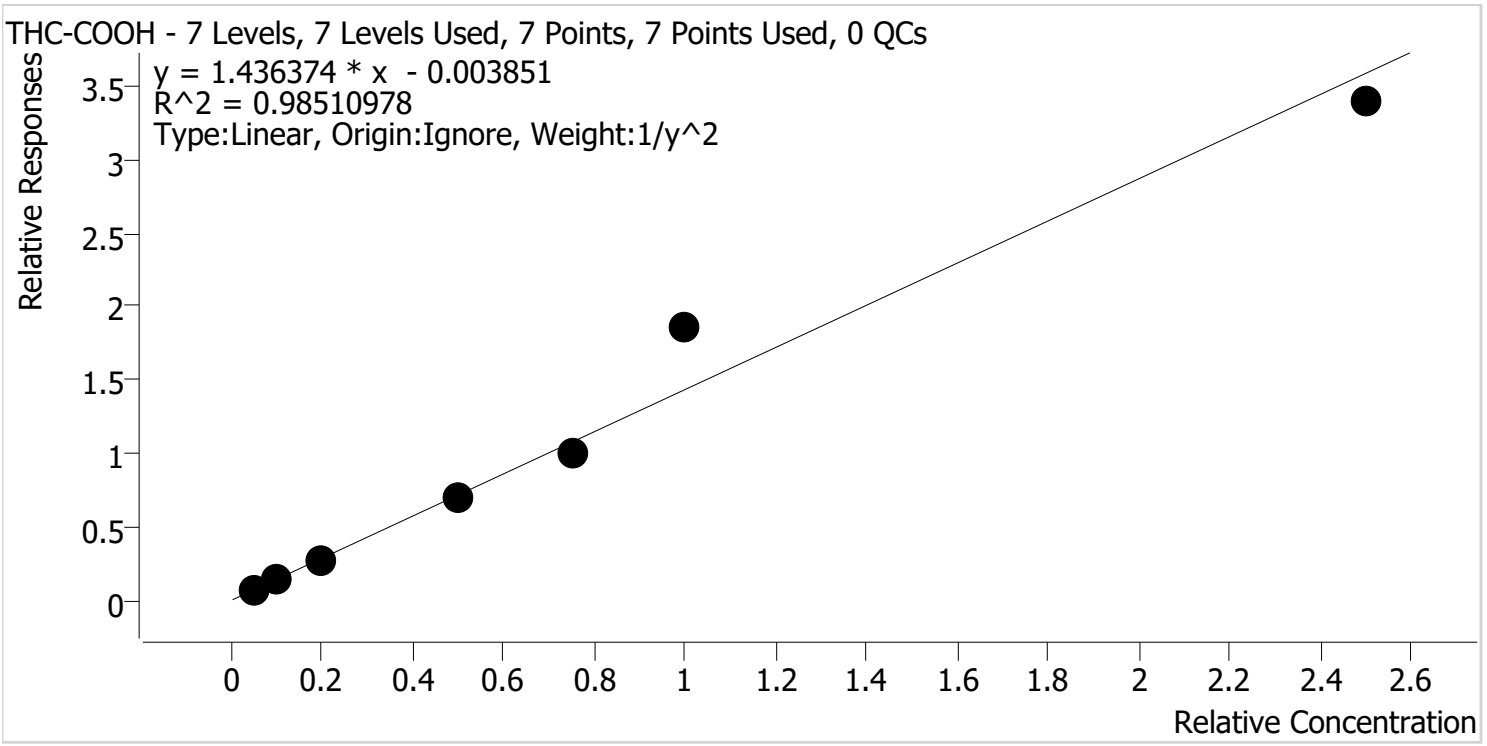
Batch results	D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Last Cal. Update	2/27/2024 3:34 PM
Analyst Name	ISP\datastor
Analyte	THC
Internal Standard	THC-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✔	1.0	1.2	116.2
cal 2	2	✔	3.0	2.9	97.1
cal 3	3	✔	5.0	4.8	95.1
cal 4	4	✔	10.0	9.5	95.2
cal 5	5	✔	25.0	23.5	94.0
cal-6	6	✔	50.0	50.2	100.4
cal-7	7	✔	100.0	101.9	101.9

Compound Calibration Report

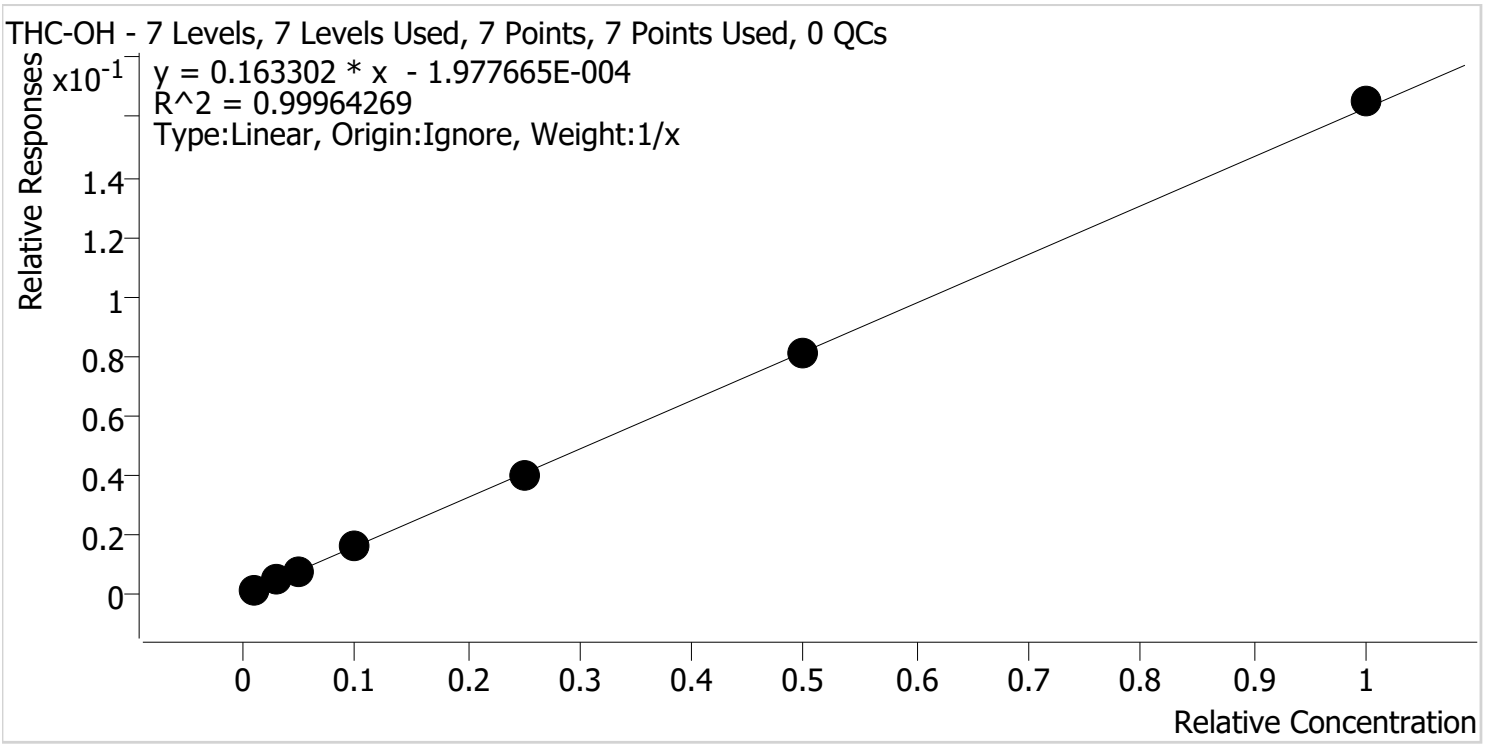
Batch results	D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Last Cal. Update	2/27/2024 3:34 PM
Analyst Name	ISP\datastor
Analyte	THC-COOH
Internal Standard	THC-COOH-d9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✔	5.0	5.0	100.7
cal 2	2	✔	10.0	10.0	100.0
cal 3	3	✔	20.0	19.3	96.7
cal 4	4	✔	50.0	49.2	98.5
cal 5	5	✔	75.0	70.3	93.8
cal-6	6	✔	100.0	129.3	129.3
cal-7	7	✔	250.0	236.5	94.6

Compound Calibration Report

Batch results	D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Last Cal. Update	2/27/2024 3:34 PM
Analyst Name	ISP\datastor
Analyte	THC-OH
Internal Standard	THC-OH-d3



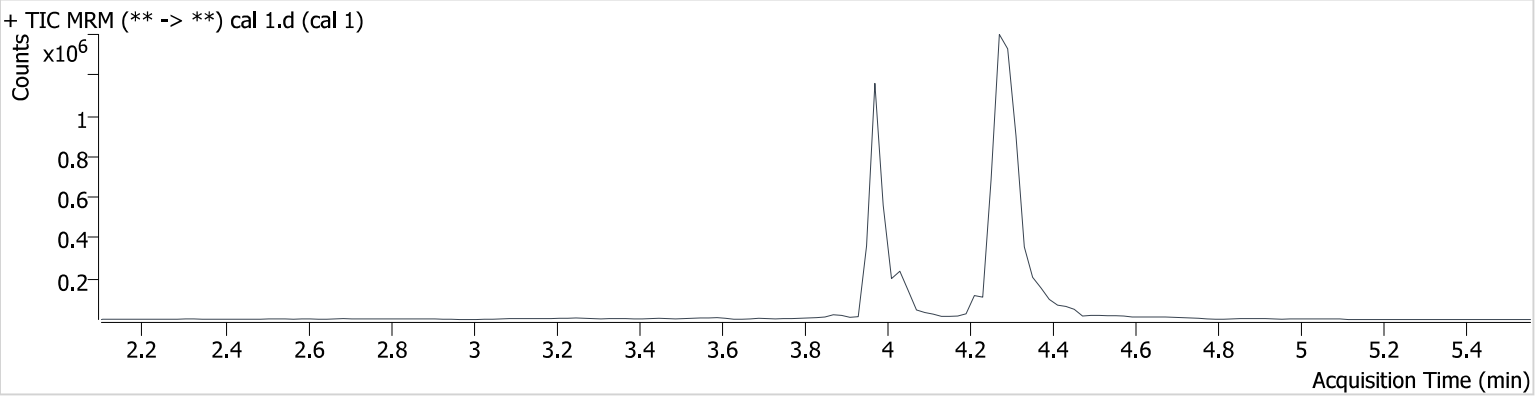
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✔	1.0	1.1	111.2
cal 2	2	✔	3.0	2.9	96.5
cal 3	3	✔	5.0	4.8	95.9
cal 4	4	✔	10.0	9.8	97.8
cal 5	5	✔	25.0	24.6	98.3
cal-6	6	✔	50.0	49.5	99.0
cal-7	7	✔	100.0	101.3	101.3

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Calibration Last Update 2/27/2024 3:34:26 PM

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**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/27/2024 1:02:12 PM		
Sample Info.			

Sample Chromatogram



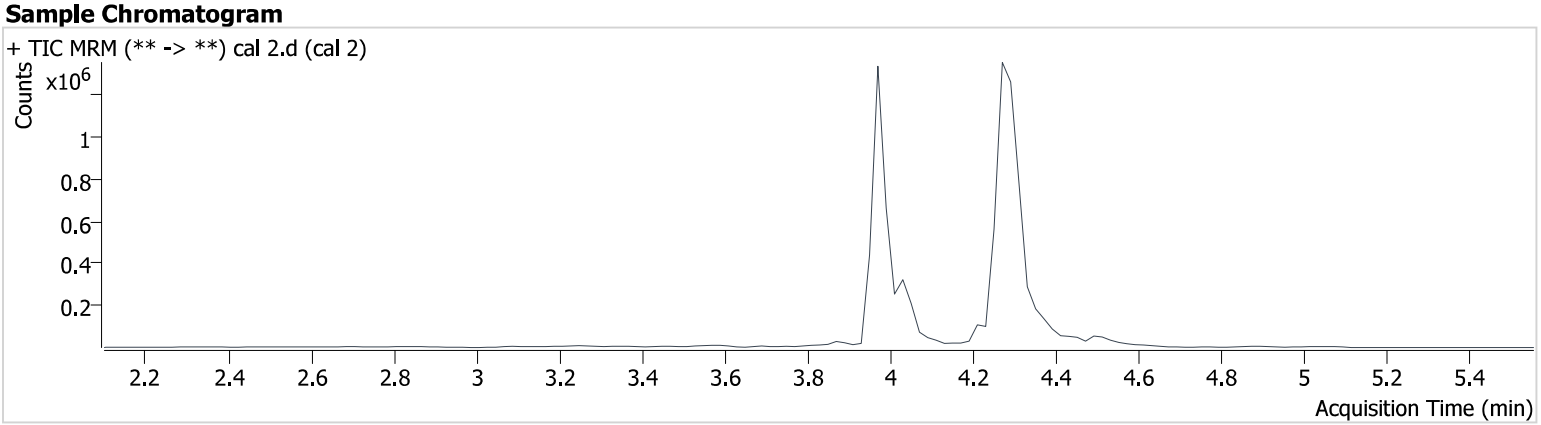
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.385	1879	211688	1.16 ng/ml **Low**
THC-COOH	4.053	31954	466570	5.04 ng/ml **Low**
THC-OH	3.979	4175	2581190	1.11 ng/ml **Low**

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Calibration Last Update 2/27/2024 3:34:26 PM

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**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/27/2024 1:08:50 PM		
Sample Info.			

Sample Chromatogram



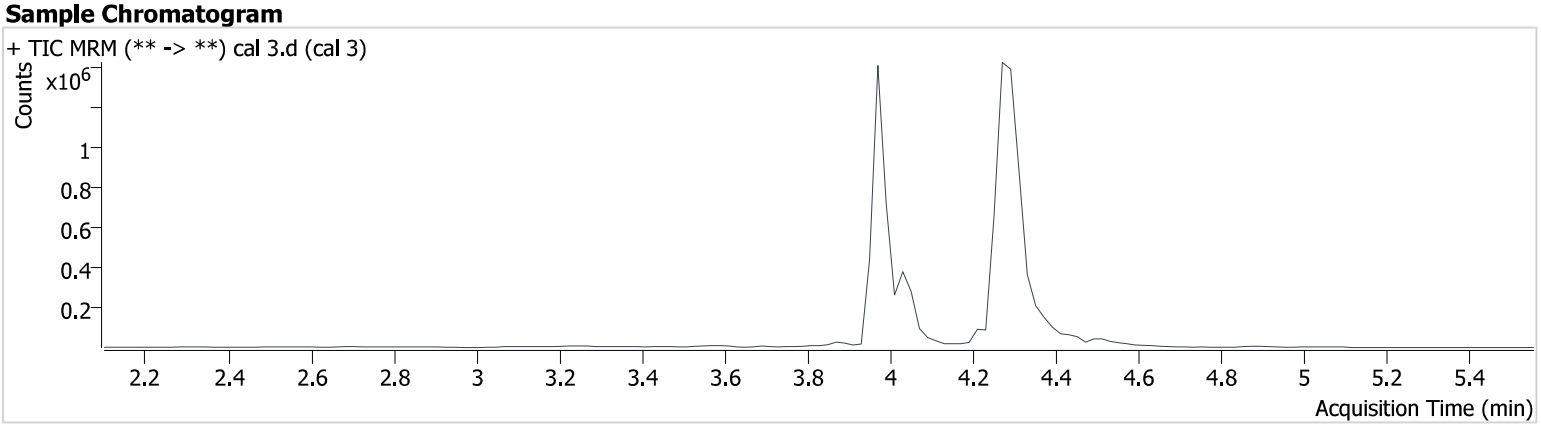
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.385	5439	206434	2.91 ng/ml **Low**
THC-COOH	4.053	79102	566079	10.00 ng/ml **Low**
THC-OH	3.979	13323	2942484	2.89 ng/ml **Low**

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Calibration Last Update 2/27/2024 3:34:26 PM

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**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/27/2024 1:15:18 PM		
Sample Info.			

Sample Chromatogram



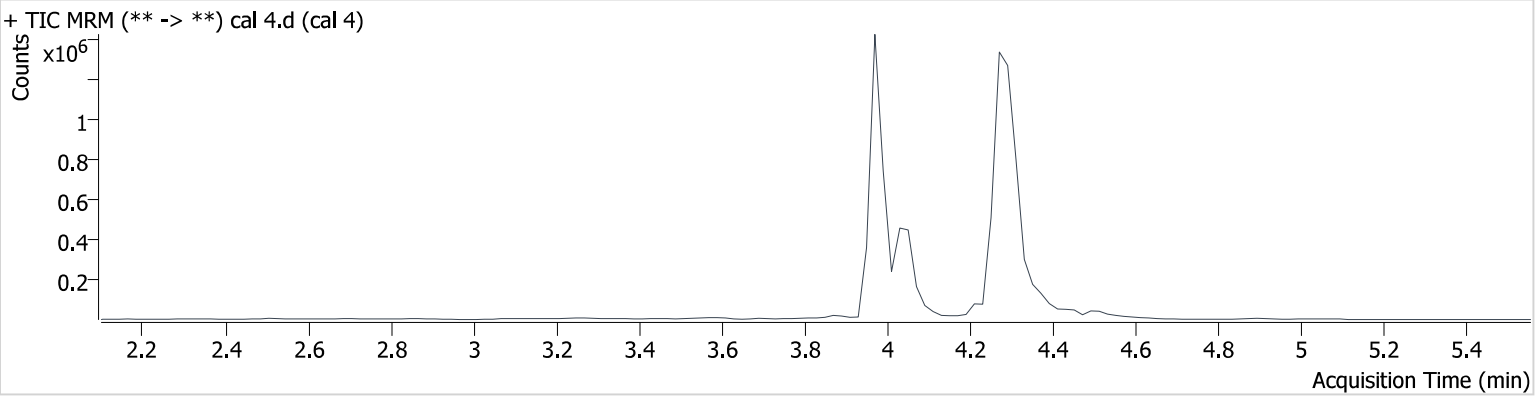
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.385	8236	184221	4.76 ng/ml
THC-COOH	4.053	156497	571209	19.34 ng/ml
THC-OH	3.979	23114	3027170	4.80 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Calibration Last Update 2/27/2024 3:34:26 PM

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**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/27/2024 1:21:46 PM		
Sample Info.			

Sample Chromatogram



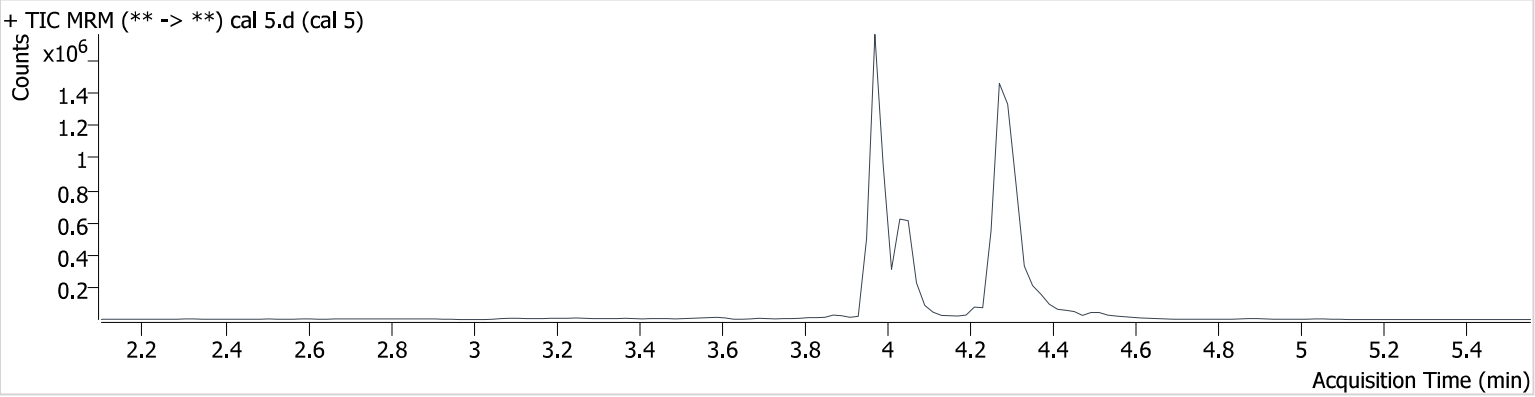
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.385	16741	181544	9.52 ng/ml
THC-COOH	4.053	343849	488899	49.23 ng/ml
THC-OH	3.979	43788	2777040	9.78 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Calibration Last Update 2/27/2024 3:34:26 PM

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**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/27/2024 1:28:14 PM		
Sample Info.			

Sample Chromatogram



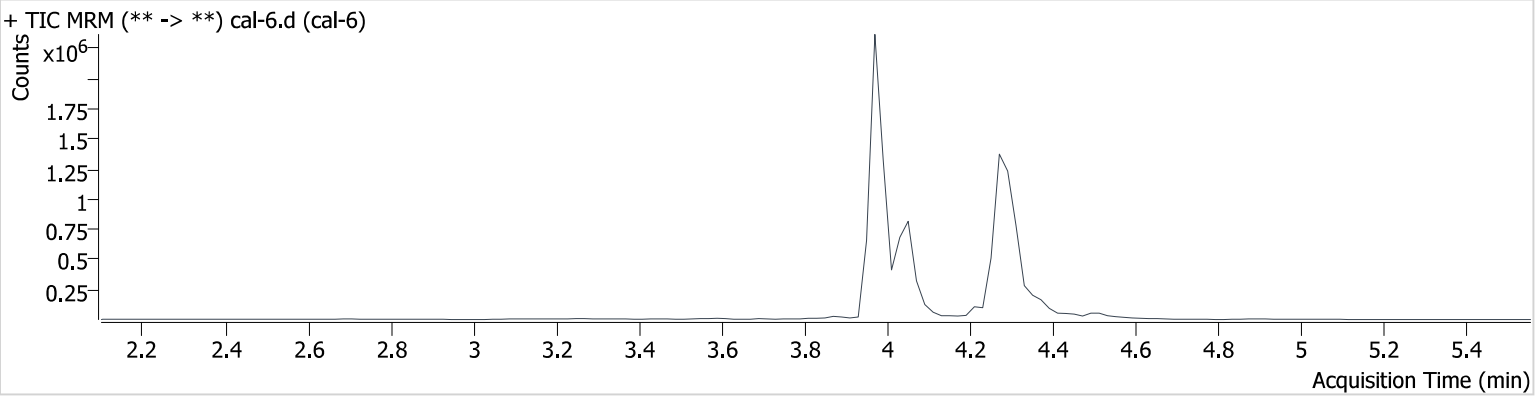
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.385	44566	192316	23.51 ng/ml
THC-COOH	4.053	526923	523464	70.35 ng/ml
THC-OH	3.979	118180	2959100	24.58 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Calibration Last Update 2/27/2024 3:34:26 PM

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**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/27/2024 1:34:42 PM		
Sample Info.			

Sample Chromatogram



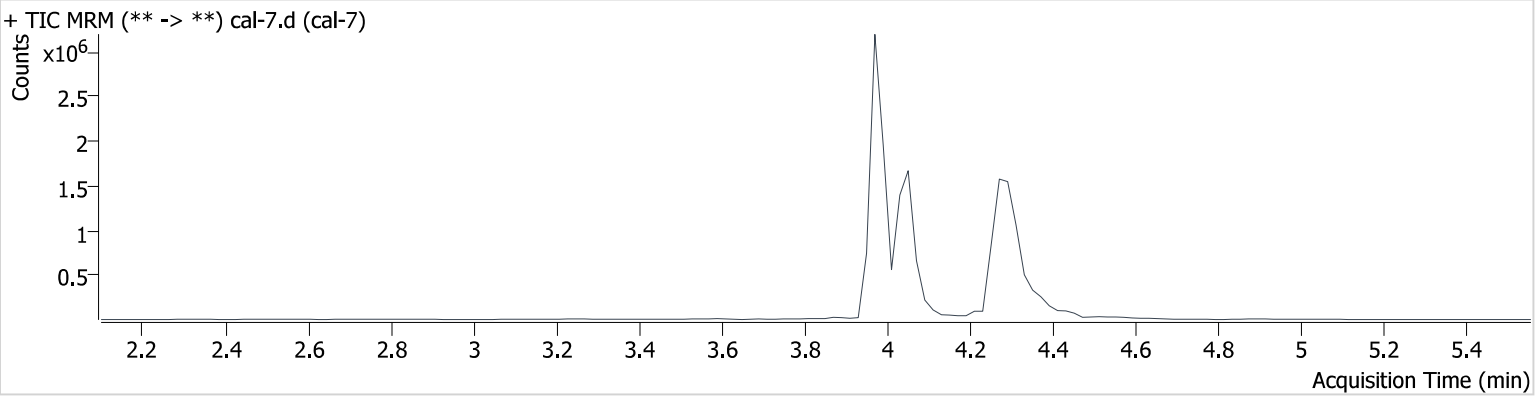
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.385	97624	196047	50.21 ng/ml
THC-COOH	4.053	759873	409978	129.30 ng/ml
THC-OH	3.979	253220	3139415	49.51 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26 022724\QuantResults\am26.batch.bin
Calibration Last Update 2/27/2024 3:34:26 PM

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**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	2/27/2024 1:41:10 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.385	168827	166529	101.93 ng/ml
THC-COOH	4.053	1689482	497871	236.52 ng/ml
THC-OH	3.979	489931	2964299	101.33 ng/ml