

Worklist: 6972

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2024-2122	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2125	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2138	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2151	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2165	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2178	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2189	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2191	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2192	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2193	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2195	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2198	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2210	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2229	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-2232	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: 11/18/24

Plate lot#: 240524

Mobile phase A: 10mM Amm Form

Blank Blood Lot: 24C52043

LCMS-QQQ ID: 69679

Analyst: Anne Nord

Plate Retest Date: 11/24/2024

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Urine Lot: blood only run

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. Using a calibrated pipette, pipette **250µL blood and urine** (if applicable) into wells of analytical (standards) plate.
Pipette ID: 390993 Urine samples add 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes
- ☒ 3. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- ☒ 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 5. Transfer **200-450µL of blood+base and urine+base (if applicable)** mixture to corresponding wells of SLE+ plate.
Amount transferred: 250
- ☒ 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).
- ☒ 7. Wait 5 minutes.
- ☒ 8. Add **900uL ethyl acetate**.
- ☒ 9. Wait 5 minutes.
- ☒ 10. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- ☒ 11. Add **900uL ethyl acetate**.
- ☒ 12. Wait 5 minutes.
- ☒ 13. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- ☒ 14. 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: 75401
- ☒ 15. 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:

Gabapentin was not evaluated in this run, due to poor response on the calibrator.

When the calibrator was injected the instrument had not equilibrated and the retention times were shifted for some compounds. The calibrator was re-injected and that injection was used for evaluation.



	1	2	3	4	5	6	7	8	9	10	11	12
A						negative blood	2191-1					
B						2122-1	2192-1					
C						2125-1	2193-1					
D						2138-2	2195-1					
E						2151-1	2198-2					
F						2165-1	2210-1					
G						2178-1	2229-1					
H						2189-1	2232-1					cal 1

C2024-____-__

AM #25 Multi-Drug Screen. Results

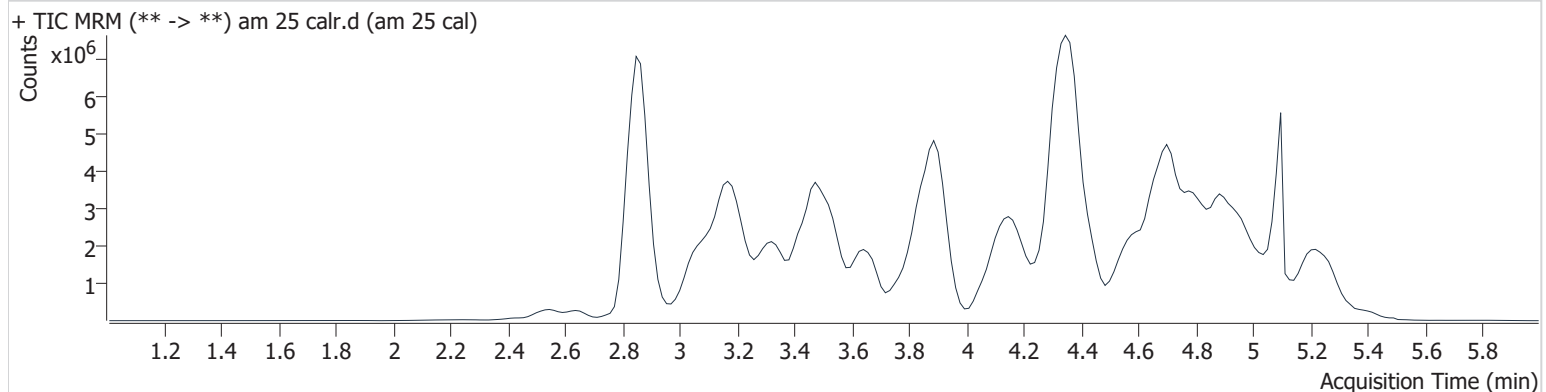
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 25.batch.bin
Calibration Last Update 11/18/2024 1:27:33 PM

Instrument 69679
Type Cal
Acq. Method mds 4324.m
Sample Position P2-H12
Injection Volume 2.5
Acq. Date-Time 11/18/2024 11:53:05 AM
Sample Info.

Data File am 25 calr.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	3.925	580325	4412.9	18.8	588206	10.000
6-MAM	3.303	23104	2751.9	7364.6	717610	10.000
7-aminoclonazepam	3.675	234610	67.8	746.6	1157202	10.000
7-aminoflunitrazepam	3.906	579400	186.4	821.6	1157202	10.000
9-Hydroxyrisperidone	4.328	2537544	254.4	24.4	1157202	10.000
Acetyl Fentanyl	4.363	145134	24.6	26103.7	3575941	10.000
Acetyl Norfentanyl	3.038	45453	∞	2522.0	10746829	10.000
a-hydroxyalprazolam	4.779	33567	∞	67007.8	588206	10.000
alpha-hydroxymidazolam	4.823	371801	2516.8	230.4	2880941	10.000
alpha-PHP	4.172	1354290	2472.9	38205.4	3267449	10.000
alpha-PVP	3.881	1769024	711.7	328.6	3267449	10.000
Alprazolam	4.858	539094	246.6	118.3	588206	10.000
Amitriptyline	4.892	831149	2713.0	230.0	3375170	10.000
Amphetamine	3.087	1245609	200.6	640.8	3267449	10.000
Benzoylecgonine	3.505	16258	2451.0	∞	67029	10.000
Bromazolam	4.929	342735	610.1	634.9	2880941	10.000
Brompheniramine	4.426	42507	6059.9	∞	25908080	10.000
Buprenorphine	5.398	25302	39.9	799.8	1286094	10.000
Bupropion	4.204	1698977	1966.1	217.6	6690157	10.000
Carbamazepine	4.434	2869916	∞	930.2	3134414	10.000
Carisoprodol	4.371	352274	1034.3	27.2	1980297	10.000
Chlordiazepoxide	5.028	140843	∞	∞	2880941	10.000
Chlorpheniramine	4.292	2570422	∞	∞	25908080	10.000
Chlorpromazine	5.193	623960	81765.3	147940.2	3418897	10.000
Citalopram	4.456	1250534	427.8	5201.7	25908080	10.000
Clomipramine	5.178	1029154	365.6	127767.5	1892214	10.000
Clonazepam	4.688	132638	25442.8	6888.4	588206	10.000
Clonazepam	4.591	129710	78.0	12476.1	588206	10.000
clozapine	4.961	2026043	386265.7	227381.8	7393907	10.000
Cocaethylene	4.104	1760613	4006.5	13018.4	9709129	10.000
Cocaine	3.904	2156963	122.8	92.2	9709129	10.000
Codeine	3.290	193021	2788.7	1588.9	3134414	10.000

am 25 cal

Generated at 2:06 PM on 11/18/2024

AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cyclobenzaprine	4.785	1395443	191673.0	58.3	3375170	10.000
Desipramine	4.786	2329614	488567.8	371.6	3375170	10.000
Dextromethorphan	4.431	919928	723.3	59507.7	4679131	10.000
Dextrorphan	3.617	1107249	10207.4	13958.2	3267449	10.000
Diazepam	5.121	379576	147.9	272.5	2880941	10.000
Dihydrocodeine	2.999	492010	4126.7	258.5	3134414	10.000
Dimethyltryptamine	3.192	841225	552.3	3790.2	3267449	10.000
Diphenhydramine	4.371	3546036	1948.5	371.2	25908080	10.000
Doxepin	4.584	920229	199.6	80.3	7393907	10.000
Doxylamine	3.876	3644055	64751.6	16716.7	3267449	10.000
Duloxetine	4.737	33587	7013.1	1445.0	1892214	10.000
EDDP	4.384	210562	177.1	9986.6	1091385	10.000
Estazolam	4.768	1041447	457.5	7378.6	2880941	10.000
Etizolam	4.838	48484	9590.4	50809.3	2880941	10.000
Fentanyl	4.593	116616	38.2	8181.4	7411845	10.000
Flualprazolam	4.670	189568	68527.4	58873.1	2880941	10.000
Flunitrazepam	4.826	422108	245.2	28975.6	588206	10.000
Fluorofentanyl	4.653	100105	16143.7	38.9	7411845	10.000
Fluoxetine	4.674	1166405	14378.6	13760.0	1892214	10.000
Flurazepam	4.667	1084176	221025.4	64235.1	1286094	10.000
Hydrocodone	3.474	600245	763.6	177.4	3134414	10.000
Hydromorphone	2.774	373923	157.1	169.9	4236855	10.000
hydroxyzine	5.066	1539447	254.8	1398.5	7393907	10.000
Imipramine	4.846	2345463	1905.9	103.5	3375170	10.000
Ketamine	4.127	1309149	854.3	54.7	4236855	10.000
Lamotrigine	3.802	1086592	537417.6	165715.8	3267449	10.000
Levamisole	3.437	675424	1276.5	219.4	9709129	10.000
Levetiracetam	2.659	351605	247.7	175.0	1157202	10.000
Lorazepam	4.641	16934	8557.3	∞	588206	10.000
Maprotiline	4.831	623017	183.7	∞	3375170	10.000
MDA	3.223	1093997	553.5	263.0	8469076	10.000
MDEA	3.467	1780560	1497.0	256.1	8469076	10.000
MDMA	3.299	1744033	2240.4	219.3	8469076	10.000
Meperidine	3.926	1089694	756.8	337.7	717610	10.000
Meprobamate	3.774	105804	150.5	21.5	1980297	10.000
Methadone	4.750	2368727	2754.2	248.9	3575941	10.000
Methamphetamine	3.193	1297913	∞	21776760 7575109. 0	8469076	10.000
Methocarbamol	3.741	87105	119.4	62.4	3134414	10.000
Methylphenidate	3.788	3681963	7040.2	1746.6	7490999	10.000
Metoprolol	3.661	261935	660.4	2856.8	3267449	10.000
Midazolam	5.008	221415	52005.6	51850.0	1157202	10.000
Mirtazapine	4.632	1323425	10001.4	428949.3	1286094	10.000
Mitragynine	4.666	174385	24137.4	∞	7411845	10.000
Morphine	2.592	144736	200.3	361.0	102029	10.000
Norbuprenorphine	4.114	36741	4526.5	7821.3	1286094	10.000
Nordiazepam	4.985	150048	11629.2	77.9	2880941	10.000
Norfentanyl	3.527	2299402	235447.3	592.1	10746829	10.000
Norhydrocodone	3.138	41772	65.6	45.4	3134414	10.000
norketamine	4.189	200102	57.9	2078.9	4236855	10.000
Normeperidine	3.850	1133735	512.9	1719.4	717610	10.000
Noroxycodone	3.075	542880	59.4	57.7	3134414	10.000
Nortriptyline	4.817	832623	156808.1	179.5	1892214	10.000
O-desmethyl-tramadol	3.081	2673974	4775.8	37.5	3575941	10.000
O-Desmethylvenlafaxine	3.463	729545	∞	∞	3575941	10.000
Olanzapine	4.273	547063	101106.7	185.4	1892214	10.000
Oxazepam	4.784	96417	∞	∞	588206	10.000
Oxycodone	3.242	1011055	433.9	37.6	4236855	10.000
Oxymorphone	2.528	584232	436.4	731.4	4236855	10.000

AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Paroxetine	4.732	182958	∞	∞	1892214	10.000
Phenazepam	4.899	216422	∞	24897.7	2880941	10.000
Phencyclidine	4.203	1925724	1488.4	217.2	3575941	10.000
Phentermine	3.362	611673	∞	∞	7490999	10.000
Phenytoin	4.295	57894	∞	2758.8	39734	10.000
primidone	3.574	1361637	281081.0	396.5	10746829	10.000
Promethazine	4.845	2688494	387700.7	158.3	3375170	10.000
Pseudoephedrine	2.857	32434926	3830.4	11238.4	7490999	10.000
Quetiapine	5.050	2091281	5634.9	56882.0	1892214	10.000
Risperidone	4.574	2079780	7933.4	45076.1	25908080	10.000
Sertraline	5.027	380564	466829.7	∞	1892214	10.000
Sufentanil	5.050	102165	16756.9	10743.0	7411845	10.000
Tapentadol	3.666	1853405	525.4	914.6	4236855	10.000
Temazepam	4.936	587951	121.3	25.0	2880941	10.000
Topiramate	3.978	69554	9183.4	11049.4	28080	10.000
Tramadol	3.662	5000588	∞	24.2	717610	10.000
Trazodone	5.265	1981199	482112.0	167882.1	7922410	10.000
Venlafaxine	4.091	2426714	4906.6	139.4	3575941	10.000
Xylazine	3.635	101853	∞	∞	3575941	10.000
Zaleplon	4.567	475459	71654.0	109.8	588206	10.000
Zolpidem	4.705	3042352	944827.7	794.5	14236172	10.000
Zopiclone	4.743	293793	25116.1	∞	1664793	10.000

AM #25 Multi-Drug Screen. Results

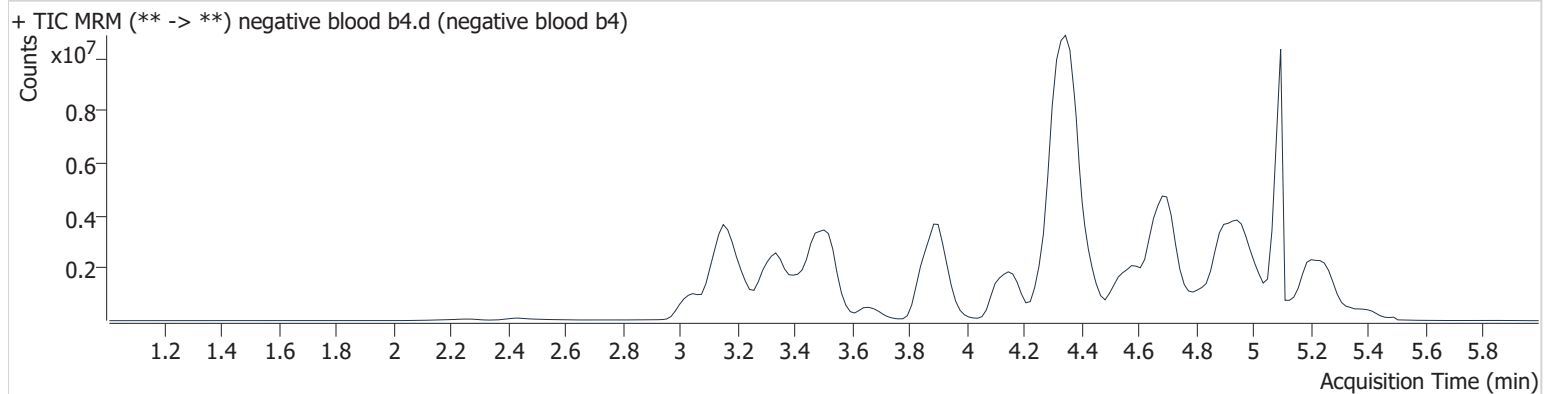
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 25.batch.bin
Calibration Last Update 11/18/2024 1:27:33 PM

Instrument 69679
Type Sample
Acq. Method mds 4324.m
Sample Position P2-A6
Injection Volume 2.5
Acq. Date-Time 11/18/2024 11:26:08 AM
Sample Info.

Data File negative blood b4.d
Sample negative blood b4
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





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

Extraction Date: 11/18/24

Plate lot#: 240919

Mobile phase A: 10mM Amm Form in LCMS water

Blank Blood Lot: 24C52043

LCMS-QQQ ID: 69679

Analyst: Anne Nord

Plate Retest Date: 03/19/2025

Mobile phase B: 0.1% Formic acid in MeOH

Blank Urine Lot: blood only run

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. Using a calibrated pipette, pipette 1000µL blood or 1000µL urine in wells of analytical (standards) plate. **Pipette ID: K52558G**
- ☐ 3. **Urine hydrolysis add 100 ul BG turbo, and 200 ul BG turbo buffer to the urine samples in wells of the analytical plate.**
- ☒ 4. Add **500µL of 0.1% formic acid in water** 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: **750 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 75401 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, R² 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:

	1	2	3	4	5	6
a	cal 1		2178-1	2229-1		
b	cal 2	Internal Control Blood high	2189-1	2232-1		
c	cal 3	negative blood	2191-1			
d	cal 4	2122-1	2192-1			
e	cal 5	2125-1	2193-1			
f	cal 6	2138-2	2195-1			
g	cal 7	2151-1	2198-2			
h	Internal control (blood)	2165-1	2210-1			

Plate position 3

c2024-____-__

AM #26 Cannabinoids Screen Results

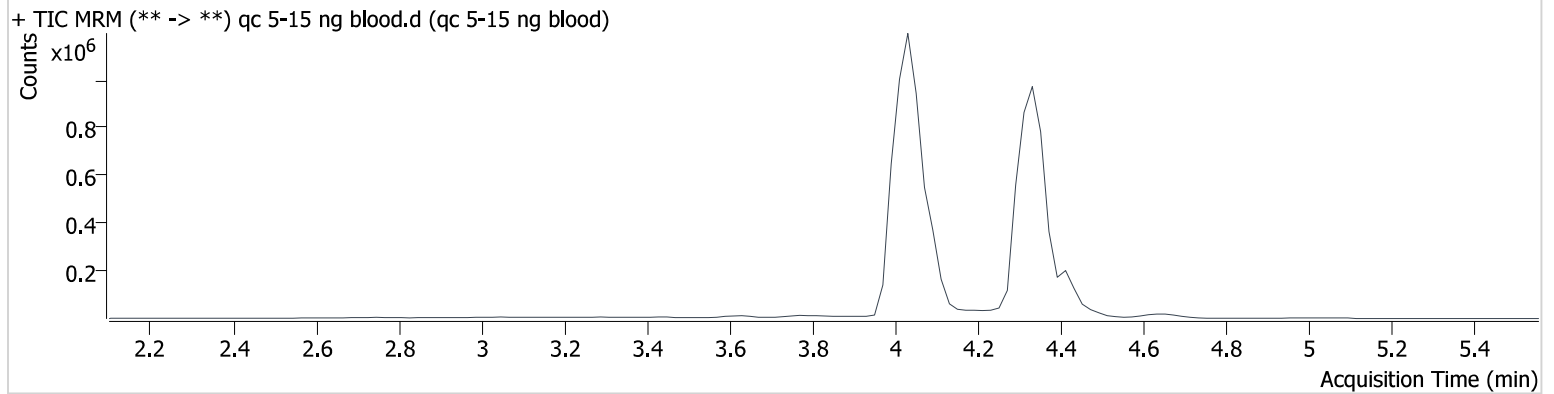
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Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type QC
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-H1
Injection Volume 5
Acq. Date-Time 11/18/2024 2:33:10 PM
Sample Info.

Data File qc 5-15 ng blood.d
Sample qc 5-15 ng blood
Operator Anne Nord
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.425	18760	435482	4.68 ng/ml
THC-COOH	4.093	193444	881379	14.31 ng/ml
THC-OH	4.039	34492	4270646	4.75 ng/ml

AM #26 Cannabinoids Screen Results

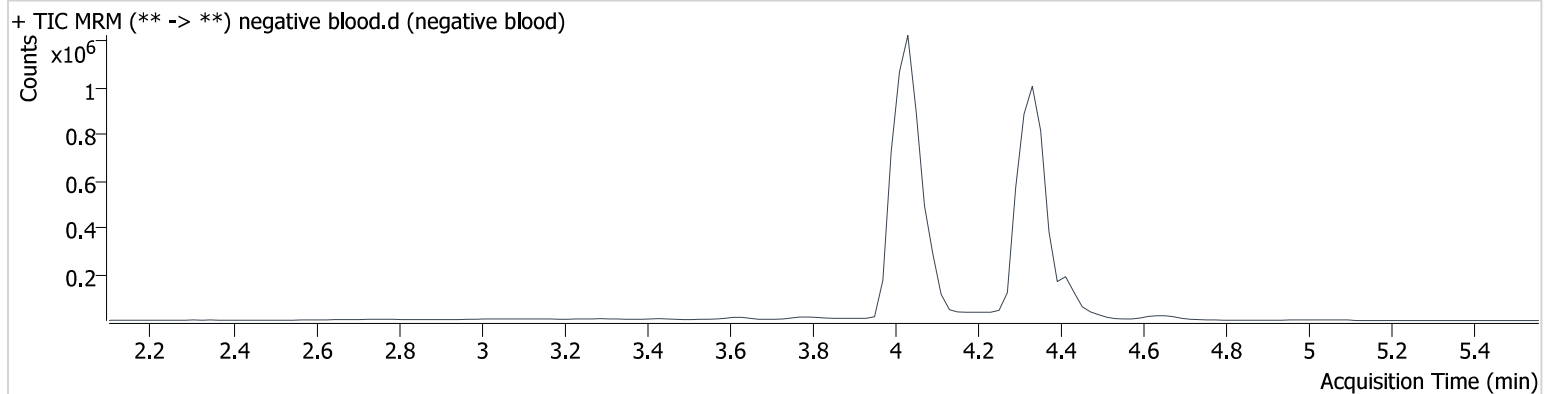
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type Sample
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-C2
Injection Volume 5
Acq. Date-Time 11/18/2024 2:39:38 PM
Sample Info.

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

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Sample Chromatogram



AM #26 Cannabinoids Screen Results

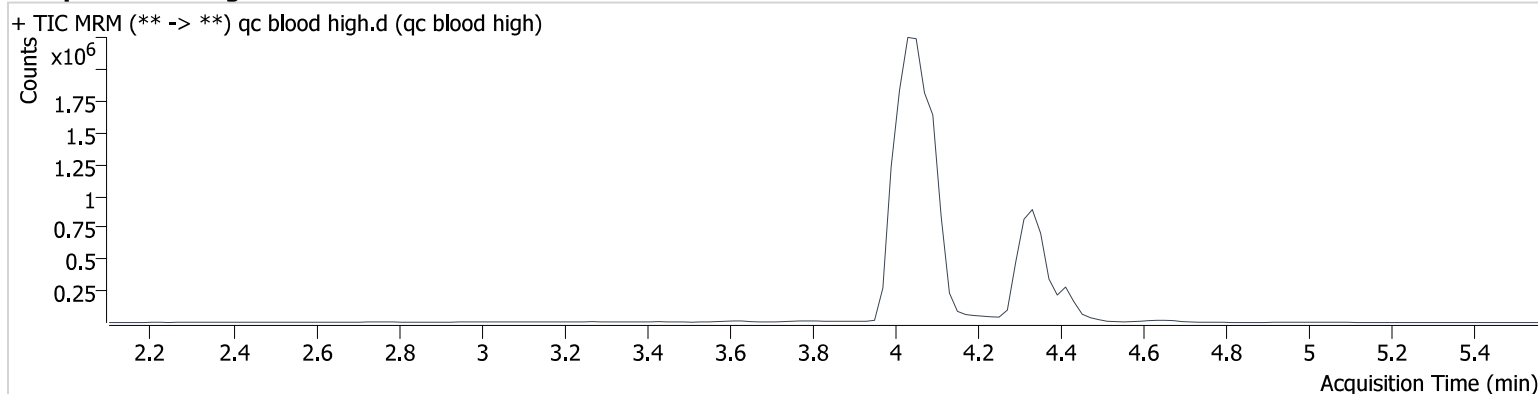
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type QC
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-B2
Injection Volume 5
Acq. Date-Time 11/18/2024 4:23:10 PM
Sample Info.

Data File qc blood high.d
Sample qc blood high
Operator Anne Nord
Comment

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Sample Chromatogram

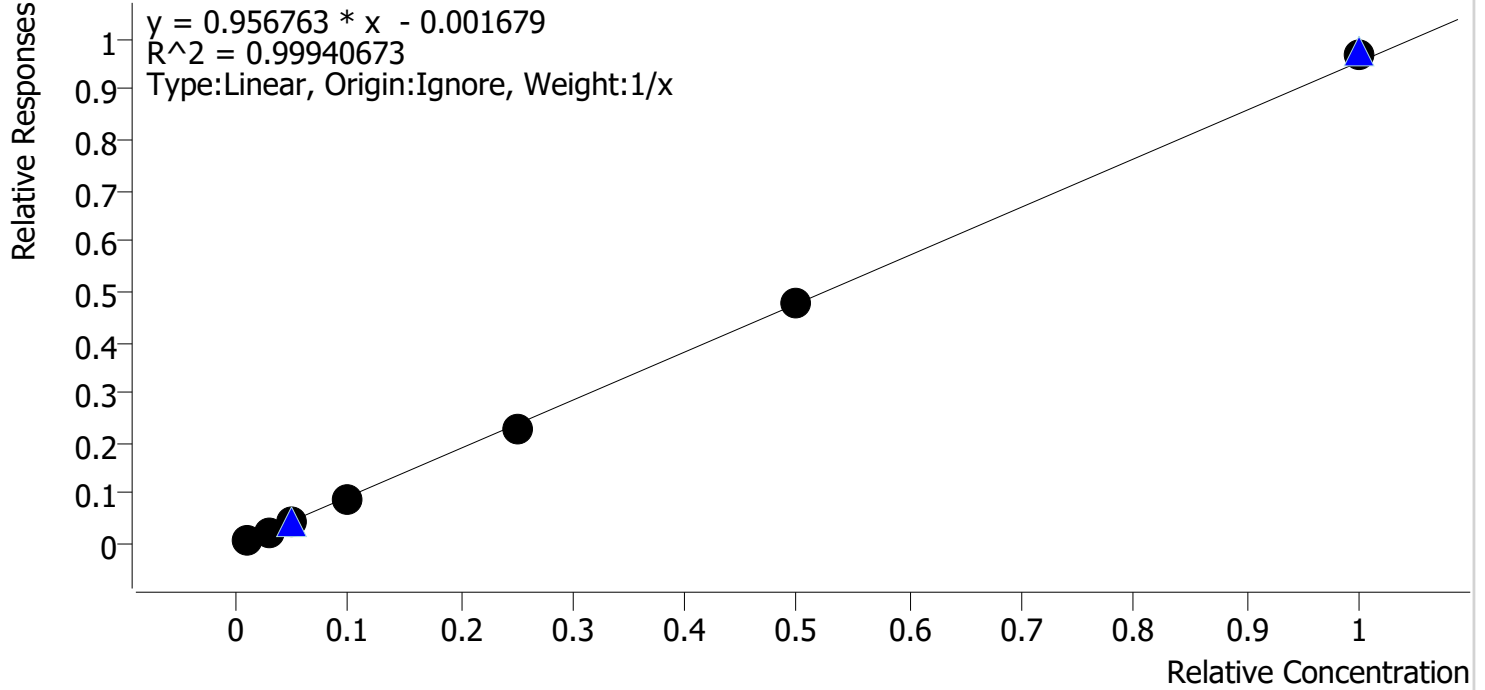


Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.425	322346	330440	102.13 ng/ml
THC-COOH	4.093	2287212	611247	241.39 ng/ml
THC-OH	4.039	540163	3274116	98.50 ng/ml

Compound Calibration Report

Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\lam 26.batch.bin
Last Cal. Update 11/18/2024 4:34 PM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-d3

THC - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 2 QCs

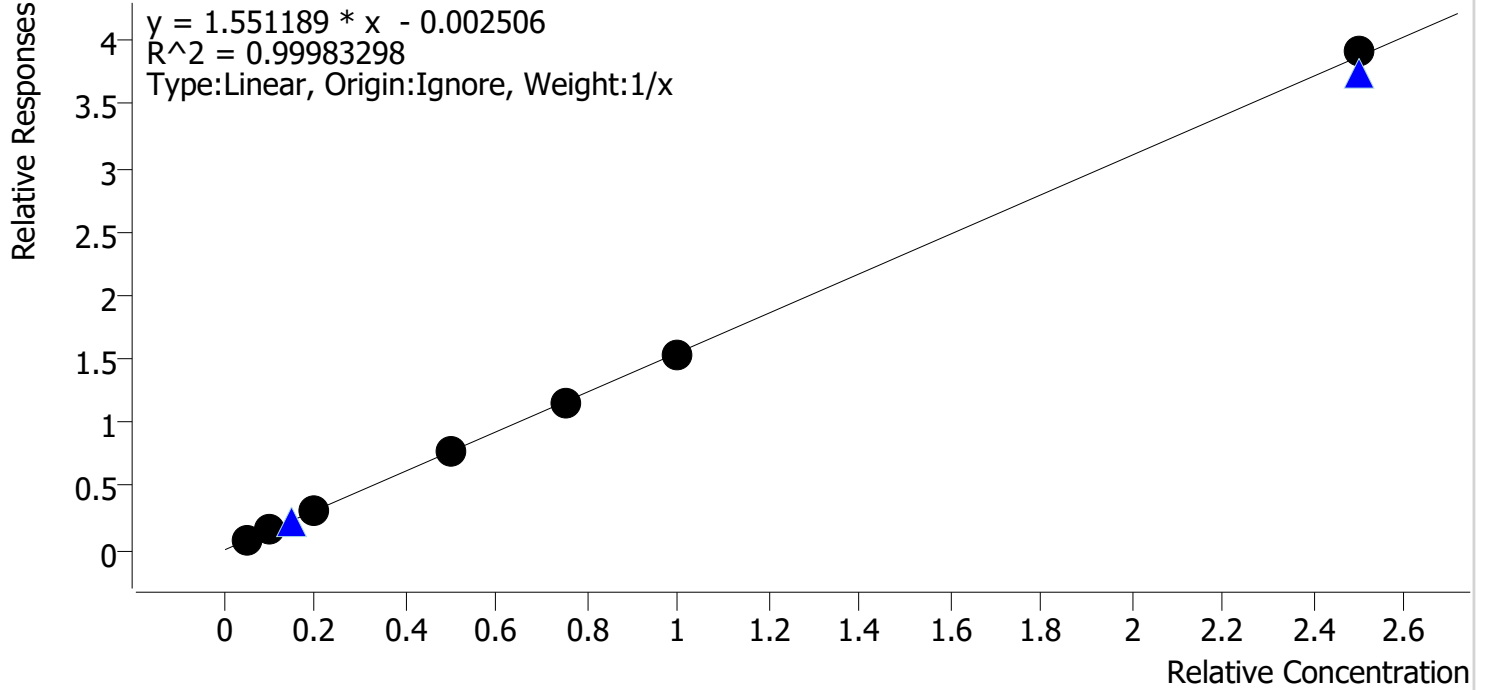


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	1.0	1.1	112.1
cal 2	2	✓	3.0	2.9	95.1
cal 3	3	✓	5.0	4.9	98.9
cal 4	4	✓	10.0	9.7	96.6
cal 5	5	✓	25.0	24.0	96.0
cal-6	6	✓	50.0	49.9	99.7
cal-7	7	✓	100.0	101.6	101.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Last Cal. Update 11/18/2024 4:34 PM
Analyst Name ISP\datastor
Analyte THC-COOH **Internal Standard** THC-COOH-d9

THC-COOH - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 2 QCs

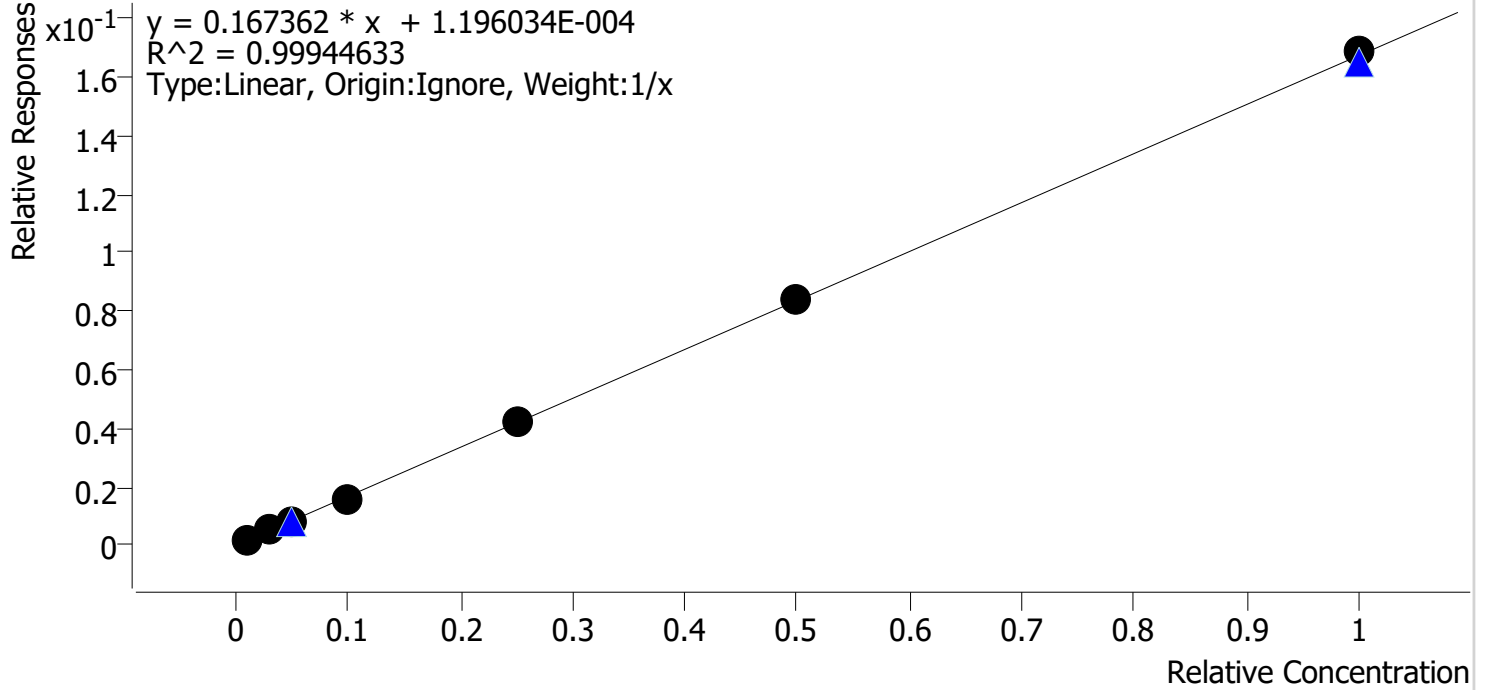


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	5.0	5.2	104.2
cal 2	2	✓	10.0	9.9	99.3
cal 3	3	✓	20.0	19.6	98.2
cal 4	4	✓	50.0	49.8	99.7
cal 5	5	✓	75.0	74.0	98.7
cal-6	6	✓	100.0	99.0	99.0
cal-7	7	✓	250.0	252.4	101.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\lam 26.batch.bin
Last Cal. Update 11/18/2024 4:34 PM
Analyst Name ISP\datastor
Analyte THC-OH **Internal Standard** THC-OH-d3

THC-OH - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 2 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	1.0	1.1	112.8
cal 2	2	✓	3.0	3.0	99.4
cal 3	3	✓	5.0	4.7	94.1
cal 4	4	✓	10.0	9.3	92.9
cal 5	5	✓	25.0	24.9	99.6
cal-6	6	✓	50.0	50.2	100.4
cal-7	7	✓	100.0	100.8	100.8

AM #26 Cannabinoids Screen Results

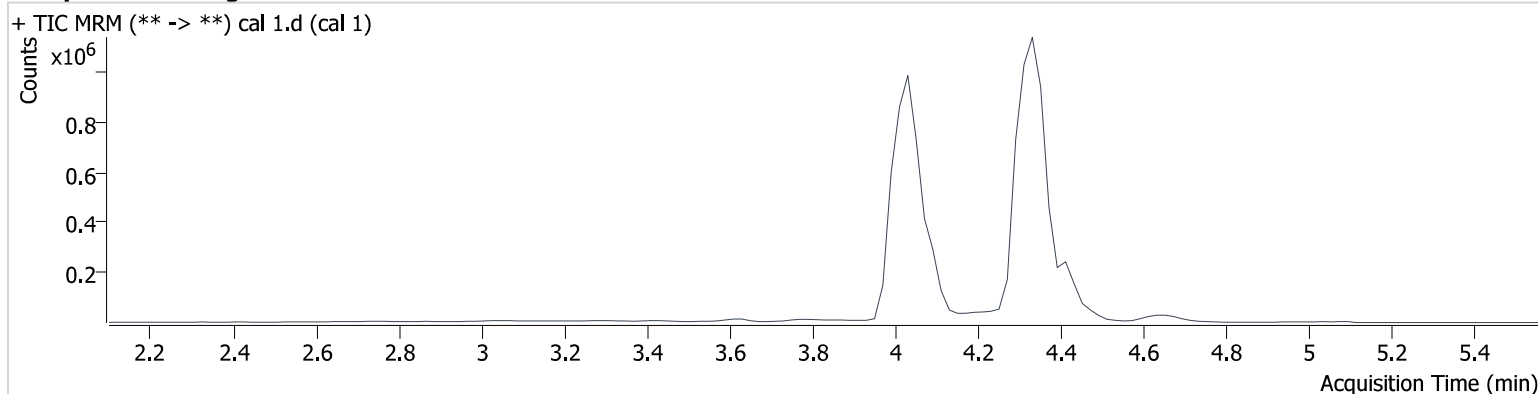
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-A1
Injection Volume 5
Acq. Date-Time 11/18/2024 1:47:44 PM
Sample Info.

Data File cal 1.d
Sample cal 1
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.	ISTD Resp.	Final Conc.
THC	4.425	4399	486340	1.12 ng/ml Low
THC-COOH	4.093	64072	817941	5.21 ng/ml Low
THC-OH	4.039	7858	3915371	1.13 ng/ml Low

AM #26 Cannabinoids Screen Results

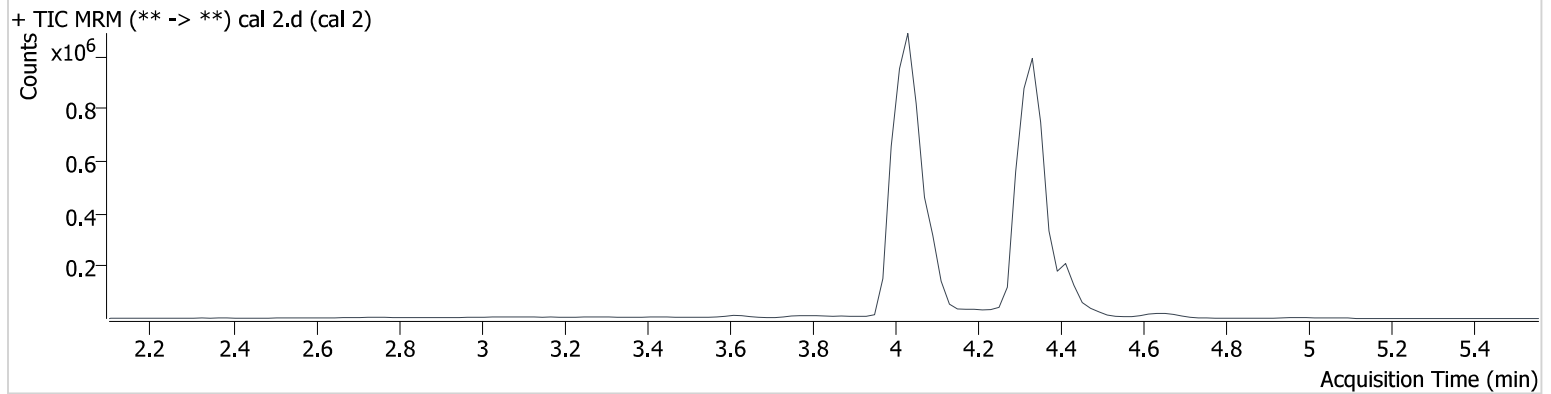
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-B1
Injection Volume 5
Acq. Date-Time 11/18/2024 1:54:22 PM
Sample Info.

Data File cal 2.d
Sample cal 2
Operator Anne Nord
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.425	11874	463454	2.85 ng/ml Low
THC-COOH	4.093	121474	801508	9.93 ng/ml Low
THC-OH	4.039	21443	4196085	2.98 ng/ml Low

AM #26 Cannabinoids Screen Results

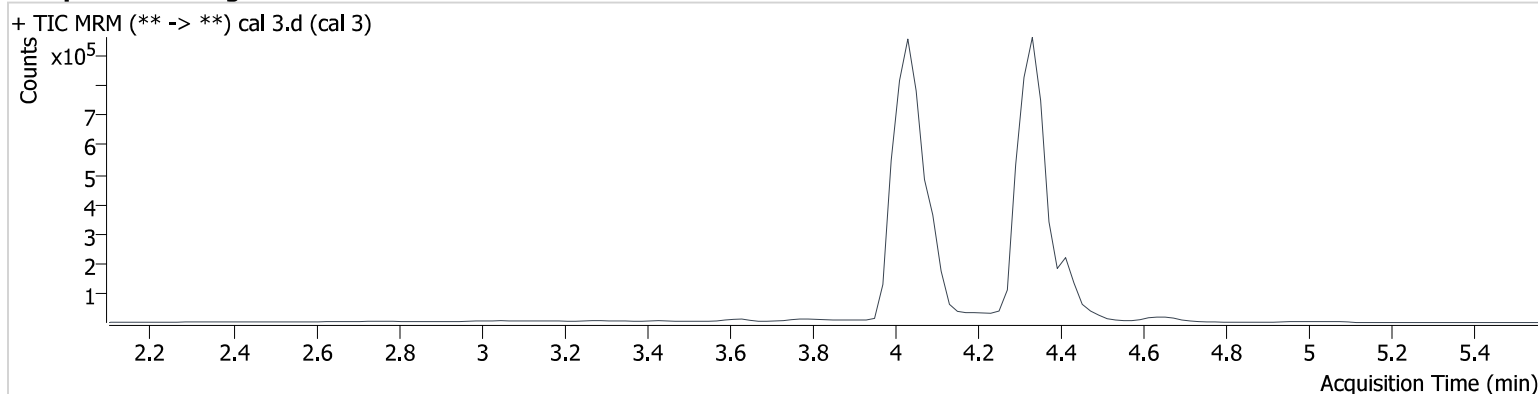
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-C1
Injection Volume 5
Acq. Date-Time 11/18/2024 2:00:50 PM
Sample Info.

Data File cal 3.d
Sample cal 3
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.	ISTD Resp.	Final Conc.
THC	4.425	22226	487176	4.94 ng/ml
THC-COOH	4.093	227764	753836	19.64 ng/ml
THC-OH	4.039	27954	3495922	4.71 ng/ml

AM #26 Cannabinoids Screen Results

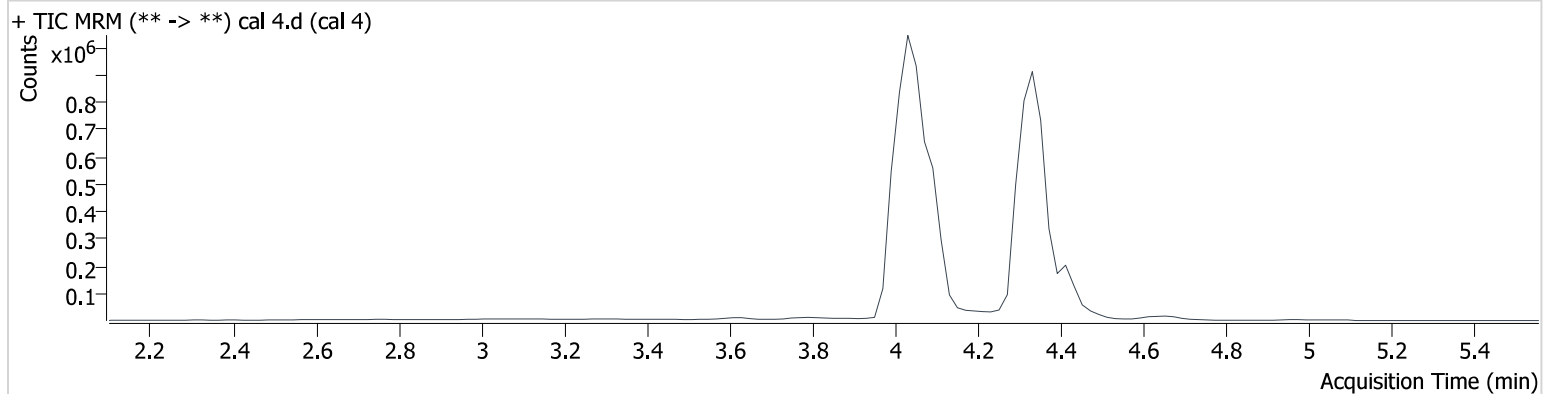
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-D1
Injection Volume 5
Acq. Date-Time 11/18/2024 2:07:18 PM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.425	39712	437422	9.66 ng/ml
THC-COOH	4.093	542523	704106	49.83 ng/ml
THC-OH	4.039	53362	3406164	9.29 ng/ml

AM #26 Cannabinoids Screen Results

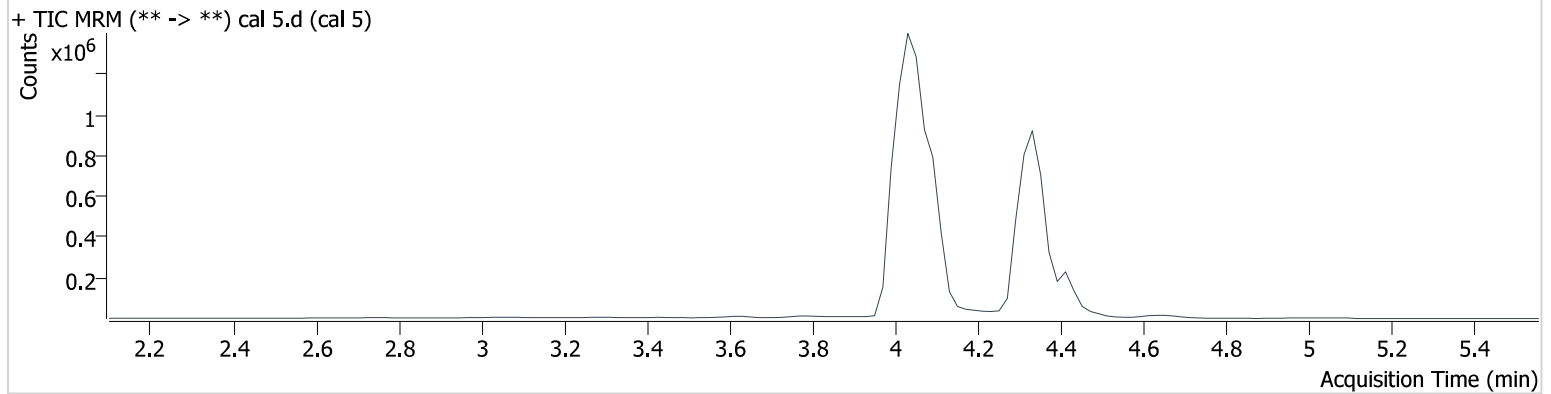
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-E1
Injection Volume 5
Acq. Date-Time 11/18/2024 2:13:46 PM
Sample Info.

Data File cal 5.d
Sample cal 5
Operator Anne Nord
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.425	101650	445866	24.00 ng/ml
THC-COOH	4.093	869473	759174	73.99 ng/ml
THC-OH	4.039	160814	3846908	24.91 ng/ml

AM #26 Cannabinoids Screen Results

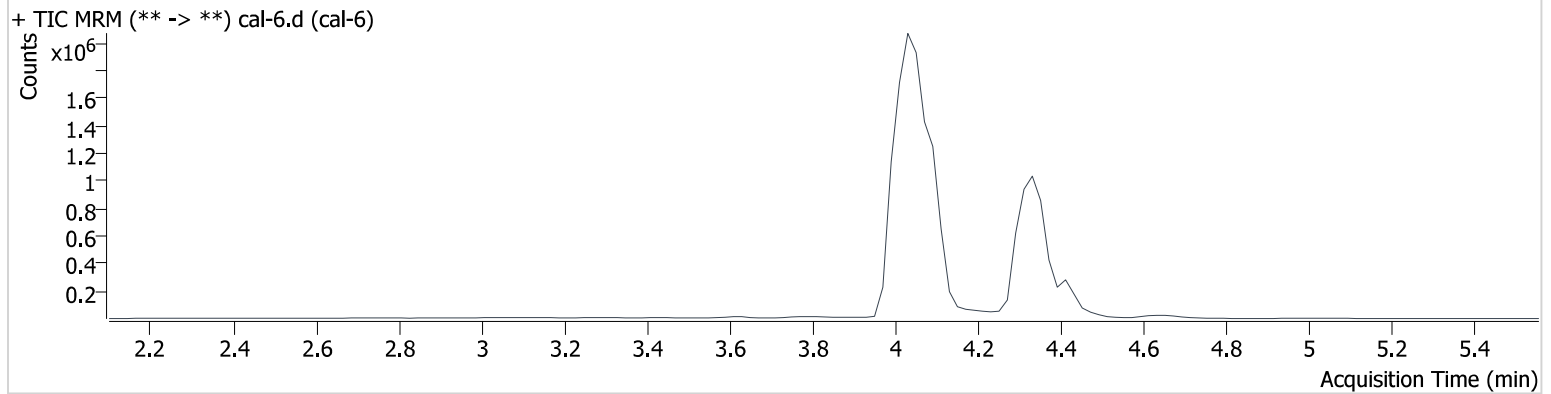
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-F1
Injection Volume 5
Acq. Date-Time 11/18/2024 2:20:14 PM
Sample Info.

Data File cal-6.d
Sample cal-6
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.	ISTD Resp.	Final Conc.
THC	4.425	199871	420511	49.85 ng/ml
THC-COOH	4.093	1432180	934565	98.95 ng/ml
THC-OH	4.039	379514	4510491	50.20 ng/ml

AM #26 Cannabinoids Screen Results

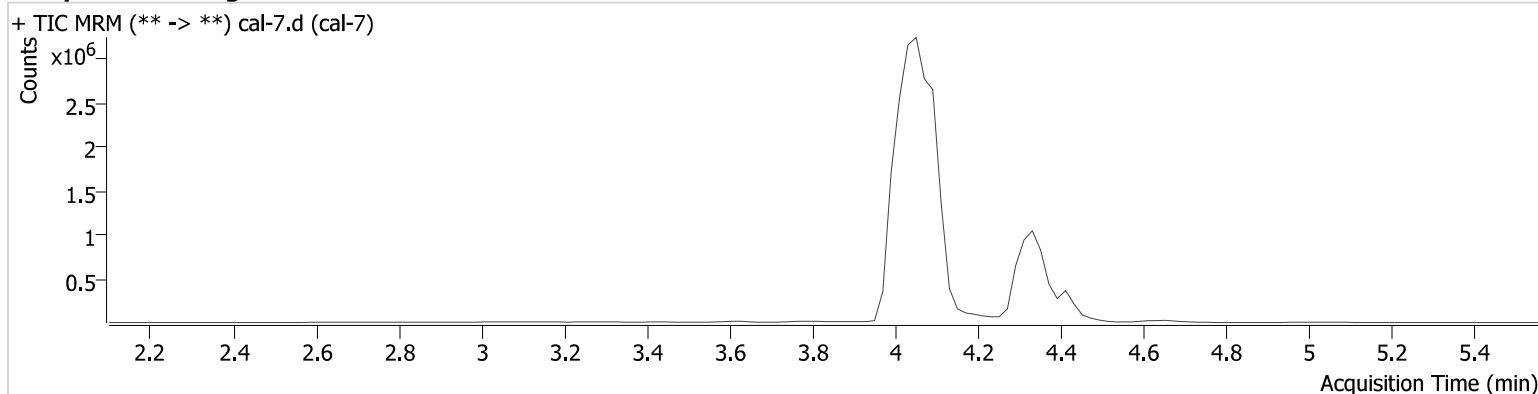
Batch results D:\MassHunter\Data\2024\am 25-26\111824\QuantResults\am 26.batch.bin
Calibration Last Update 11/18/2024 4:34:01 PM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-G1
Injection Volume 5
Acq. Date-Time 11/18/2024 2:26:42 PM
Sample Info.

Data File cal-7.d
Sample cal-7
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.	ISTD Resp.	Final Conc.
THC	4.425	402929	415389	101.56 ng/ml
THC-COOH	4.093	3595244	918739	252.43 ng/ml
THC-OH	4.039	773249	4580942	100.79 ng/ml