





















**Worklist: 6802**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
C2024-0724	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0775	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0783	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0792	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
C2024-0800	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0803	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0805	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0813	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
C2024-0827	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0829	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0830	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0831	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0831	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0831	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0831	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0840	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0843	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2024-0853	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: 05/07/24

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: 1324

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:

	1	2	3	4	5	6	7	8	9	10	11	12
A				0775-1	0831-1						0792-1	
B	cal 1			0783-1	0831-2						0813-1	
C				0800-1	0831-3							
D	internal urine control			0803-1	0831-4							
E				0805-1	0840-1							
F				0827-1	0843-1							
G			negative blood	0829-1	0853-1							
H			0724-1	0830-1	negative urine							

C2024- \_\_\_\_ -

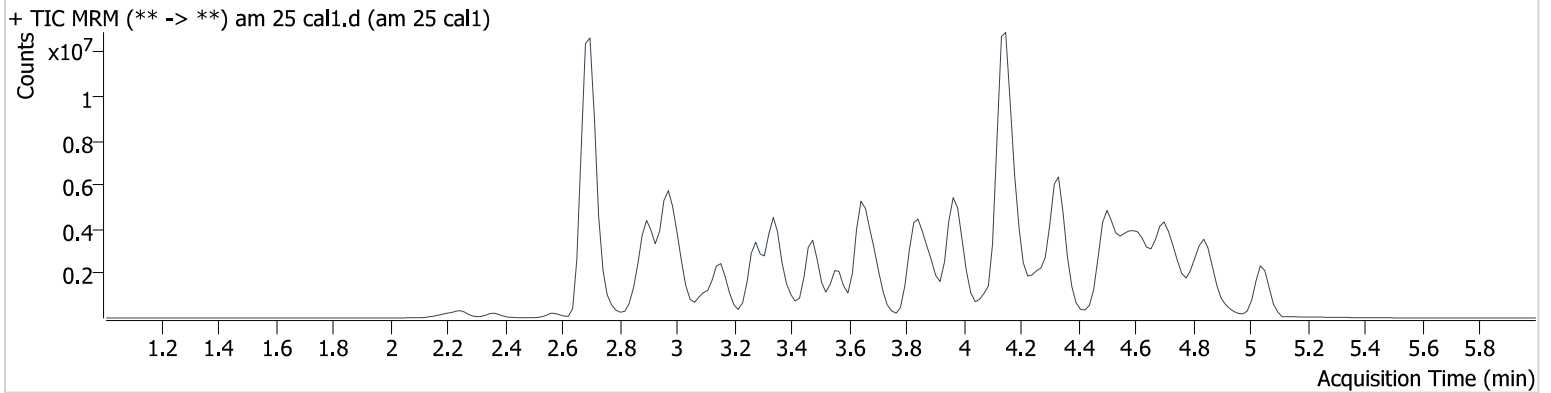
plate position 2

# AM #25 Multi-Drug Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 25.batch.bin  
**Calibration Last Update** 5/7/2024 2:28:12 PM

<b>Instrument</b>	69679	<b>Data File</b>	am 25 cal1.d
<b>Type</b>	Cal	<b>Sample</b>	am 25 cal1
<b>Acq. Method</b>	mds 4324.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-B1	<b>Comment</b>	
<b>Injection Volume</b>	2.5		
<b>Acq. Date-Time</b>	5/7/2024 11:44:45 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.834	482152	4469.2	171.6	596908	10.000
6-MAM	2.877	18226	178.0	107.5	753006	10.000
7-aminoclonazepam	3.585	55648	16030.7	28553.6	482636	10.000
7-aminoflunitrazepam	3.815	523871	2126.6	171.5	482636	10.000
9-Hydroxyrisperidone	3.977	2905630	495.5	125217.0	482636	10.000
Acetyl Fentanyl	3.889	149181	648.2	34815.1	4023023	10.000
Acetyl Norfentanyl	2.870	92644	261.9	416.9	12194755	10.000
a-hydroxyalprazolam	4.672	49646	207.9	187.9	596908	10.000
alpha-hydroxymidazolam	4.732	390538	487.9	190.3	3414106	10.000
alpha-PHP	3.865	1129583	282.1	261.3	3236017	10.000
alpha-PVP	3.575	1057087	574.6	545.1	3236017	10.000
Alprazolam	4.752	563843	207.3	510.9	3414106	10.000
Amitriptyline	4.617	806306	189.4	6939.2	3869701	10.000
Amphetamine	2.921	964656	3642.0	858.0	3236017	10.000
Benzoylcegonine	3.415	30394	∞	∞	128636	10.000
Bromazolam	4.838	245769	11043.6	1001.7	3414106	10.000
Brompheniramine	4.198	48314	13561.8	∞	33023375	10.000
Buprenorphine	4.621	3265	1460.0	64.6	1256096	10.000
Bupropion	3.851	1881280	752.4	1262.1	7993179	10.000
Carbamazepine	4.344	2878643	1244.4	1503.1	3078275	10.000
Carisoprodol	4.280	389261	737.3	116.8	2833727	10.000
Chlordiazepoxide	4.936	227790	25761.6	∞	3414106	10.000
Chlorpheniramine	4.078	3057932	∞	35446.7	5233715	10.000
Chlorpromazine	4.857	788837	388.7	640.2	4811441	10.000
Citalopram	4.242	1387819	406.1	13108.6	33023375	10.000
Clomipramine	4.857	1125264	125.2	460729.0	2296322	10.000
Clonazepam	4.613	122899	127.8	22437.1	35388	10.000
Clonazepam	4.501	163691	319.4	37153.3	596908	10.000
clozapine	4.503	1594570	444.5	280064.1	8118057	10.000
Cocaehtylene	3.874	1542840	802345.3	495625.0	10902438	10.000
Cocaine	3.645	1710475	874.6	458.4	10902438	10.000
Codeine	2.758	159015	22736.9	17749.2	3078275	10.000
Cyclobenzaprine	4.541	1304743	221.5	141.8	3869701	10.000
Desipramine	4.572	1706083	472040.9	1570.9	3869701	10.000

# AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Dextromethorphan	4.186	736269	1438.7	1240.3	5233715	10.000
Dextrorphan	3.403	964795	2319.2	145700.0	3236017	10.000
Diazepam	5.030	458167	368.4	422.4	3414106	10.000
Dihydrocodeine	2.680	410800	2130.2	3110.8	3078275	10.000
Dimethyltryptamine	2.978	972338	414.8	3887.2	3236017	10.000
Diphenhydramine	4.157	3867561	1031.0	605.5	33023375	10.000
Doxepin	4.324	783649	791.8	498.6	8118057	10.000
Doxylamine	3.694	3381271	2933.3	1165.3	3236017	10.000
Duloxetine	4.523	42276	13491.5	78001.2	2296322	10.000
EDDP	4.201	103018	88.7	20637.7	711528	10.000
Estazolam	4.662	1282968	899.7	632.0	3414106	10.000
Etizolam	4.747	61893	1166.9	88851.3	3414106	10.000
Fentanyl	4.134	124454	533.0	40814.6	7848069	10.000
Flualprazolam	4.579	254290	128067.7	270.2	3414106	10.000
Flunitrazepam	4.720	604004	527.8	546.5	596908	10.000
Fluorofentanyl	4.179	106093	38320.4	124.6	7848069	10.000
Fluoxetine	4.506	1245610	1258.2	73952.7	2296322	10.000
Flurazepam	4.285	1194192	909561.3	149.6	1256096	10.000
Hydrocodone	2.987	445837	661.6	399.2	3078275	10.000
Hydromorphone	2.368	319357	2635.4	2182.7	113592	10.000
hydroxyzine	4.715	1826893	1221767.1	845392.7	8118057	10.000
Imipramine	4.585	2816653	18193.2	729.4	3869701	10.000
Ketamine	3.544	1164723	3487.7	345.1	5103875	10.000
Lamotrigine	3.649	777317	487.1	395.7	3236017	10.000
Levamisole	2.932	886971	739166.2	423.7	10902438	10.000
Levetiracetam	2.585	240411	556.2	315.4	482636	10.000
Lorazepam	4.580	16638	∞	∞	596908	10.000
Maprotiline	4.617	619666	2067.1	908.0	3869701	10.000
MDA	3.025	1118526	944.7	531.8	10550927	10.000
MDEA	3.269	1957416	766.0	2552.7	10550927	10.000
MDMA	3.101	1945428	14201.4	473.0	10550927	10.000
Meperidine	3.649	991906	94.4	8635.3	113592	10.000
Meprobamate	3.699	184964	979.4	180.6	2833727	10.000
Methadone	4.552	3089947	1685.3	2151.2	4023023	10.000
Methamphetamine	3.011	1123884	∞	∞	10550927	10.000
Methocarbamol	3.650	63023	380.6	450.0	2833727	10.000
Methylphenidate	3.574	3159374	634.1	3433.1	7180974	10.000
Metoprolol	3.479	397157	3059.4	626109.4	3236017	10.000
Midazolam	4.886	247128	58855.1	1885.5	482636	10.000
Mirtazapine	3.956	1265986	1154.3	6877.5	1256096	10.000
Mitragynine	4.299	163321	34045.7	225882.8	7848069	10.000
Morphine	2.186	104937	39.0	2340.6	113592	10.000
Norbuprenorphine	3.900	34314	8154.1	12856.2	1256096	10.000
Nordiazepam	4.879	158637	216.0	40775.0	3414106	10.000
Norfentanyl	3.359	2052302	5290.2	368.5	12194755	10.000
Norhydrocodone	2.927	52427	10329.1	1309.9	3078275	10.000
norketamine	3.667	96432	67.9	418534.8	5103875	10.000
Normeperidine	3.682	1081011	275.7	23.3	113592	10.000
Noroxycodone	2.895	463184	∞	171.3	3078275	10.000
Nortriptyline	4.619	888707	295145.7	397.6	2296322	10.000
O-desmethyl-tramadol	2.899	2759131	1018.5	240.8	4023023	10.000
O-Desmethylvenlafaxine	3.279	766123	1419.2	377439.8	4023023	10.000
Olanzapine	3.874	489524	4447.1	591.9	2296322	10.000
Oxazepam	4.678	79351	76.4	71.6	596908	10.000
Oxycodone	2.908	1034002	428.6	84333.5	5103875	10.000
Oxymorphone	2.242	578497	373.7	1459.2	113592	10.000
Paroxetine	4.533	189357	∞	2966.9	2296322	10.000
Phenazepam	4.808	222001	348.9	61786.0	3414106	10.000
Phencyclidine	4.004	2325256	133160.7	939.5	4023023	10.000



# AM #25 Multi-Drug Screen Results

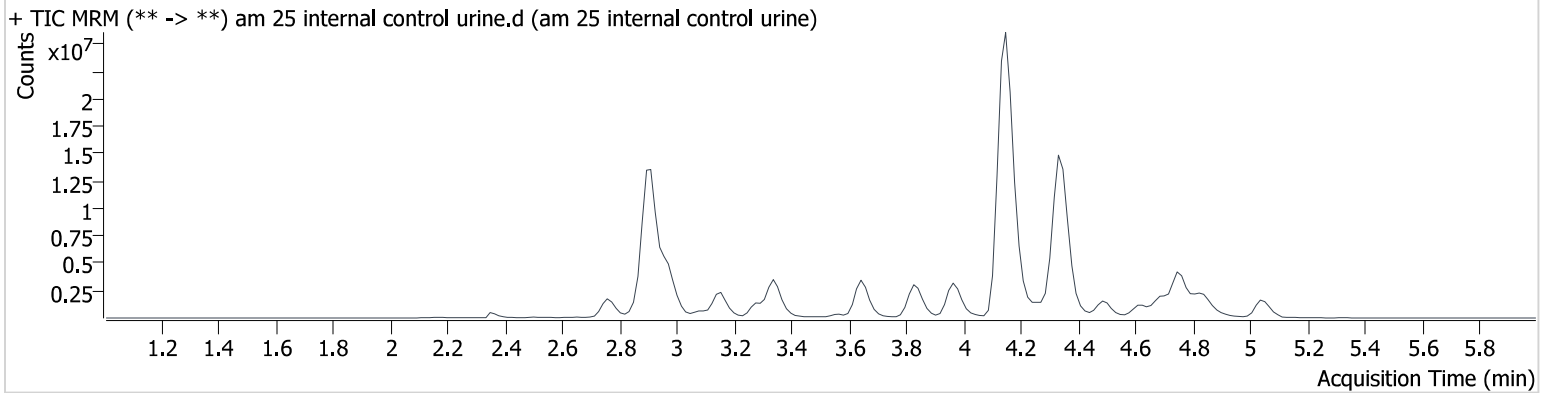
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Phentermine	3.180	691299	∞	2032027 9488731. 2	7180974	10.000
Phenytoin	4.219	96195	158.0	187.2	35388	10.000
primidone	3.484	1093612	279557.5	318.2	35388	10.000
Promethazine	4.508	2613595	10227.8	866.9	3869701	10.000
Pseudoephedrine	2.706	40271569	45871.3	57353.6	7180974	10.000
Quetiapine	4.638	2365810	28313.7	11003.7	5233715	10.000
Risperidone	4.161	2012448	1211.1	56095.2	5233715	10.000
Sertraline	4.813	455823	30281.8	1397258. 7	2296322	10.000
Sufentanil	4.500	101853	11808.6	327.1	7848069	10.000
Tapentadol	3.499	2058557	1812.2	689.6	5103875	10.000
Temazepam	4.829	719925	491.2	82.4	3414106	10.000
Topiramate	3.887	98884	34579.9	45144.1	45796	10.000
Tramadol	3.464	6626557	∞	57.4	753006	10.000
Trazodone	4.746	2021906	1560.8	288141.3	10588286	10.000
Venlafaxine	3.908	3053495	767.5	230.0	4023023	10.000
Xylazine	3.391	168107	∞	∞	4023023	10.000
Zaleplon	4.461	674807	423780.8	3551.3	596908	10.000
Zolpidem	4.353	3287798	19090.9	933.8	14936785	10.000
Zopiclone	4.269	240759	807.4	157701.7	1173803	10.000

# AM #25 Multi-Drug Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 25.batch.bin  
**Calibration Last Update** 5/7/2024 2:28:12 PM

<b>Instrument</b>	69679	<b>Data File</b>	am 25 internal control urine.d
<b>Type</b>	Sample	<b>Sample</b>	am 25 internal control urine
<b>Acq. Method</b>	mds 4324.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-D1	<b>Comment</b>	
<b>Injection Volume</b>	2.5		
<b>Acq. Date-Time</b>	5/7/2024 11:51:39 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



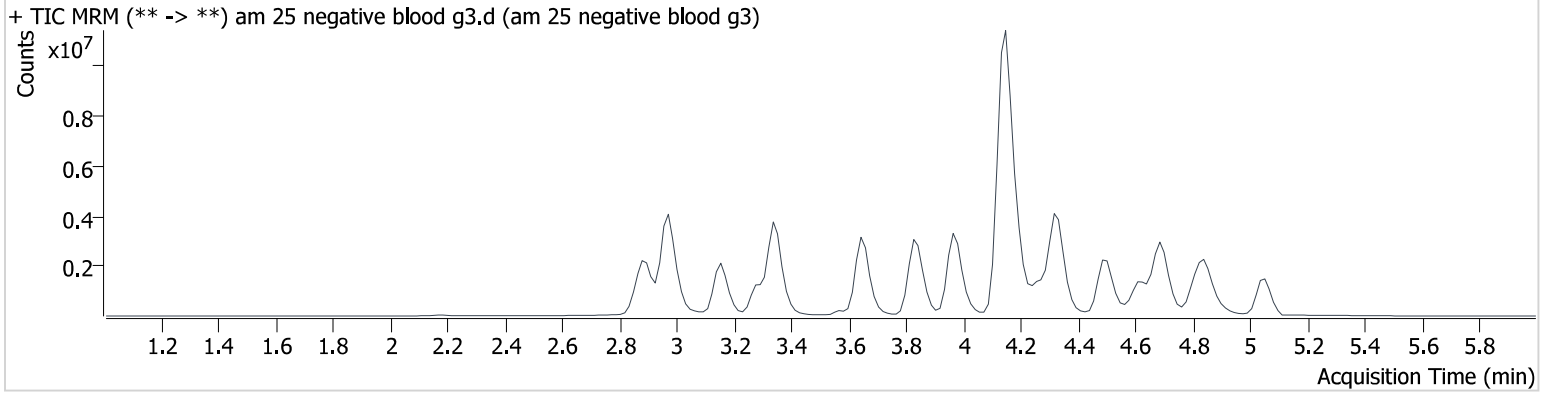
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Alprazolam	4.752	7284738	2910.2	2303.6	3597922	122.597
Amphetamine	2.921	12561989	∞	2758.9	3120604	135.039
Codeine	2.758	1917293	2505.9	41657.8	3109108	119.377
Diphenhydramine	4.157	44739328	3488.5	4381.9	31138116	122.682
Zolpidem	4.337	34576731	68571.0	2386.8	13667539	114.933

# AM #25 Multi-Drug Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 25.batch.bin  
**Calibration Last Update** 5/7/2024 2:28:12 PM

<b>Instrument</b>	69679	<b>Data File</b>	am 25 negative blood g3.d
<b>Type</b>	Sample	<b>Sample</b>	am 25 negative blood g3
<b>Acq. Method</b>	mds 4324.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-G3	<b>Comment</b>	
<b>Injection Volume</b>	2.5		
<b>Acq. Date-Time</b>	5/7/2024 11:58:22 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



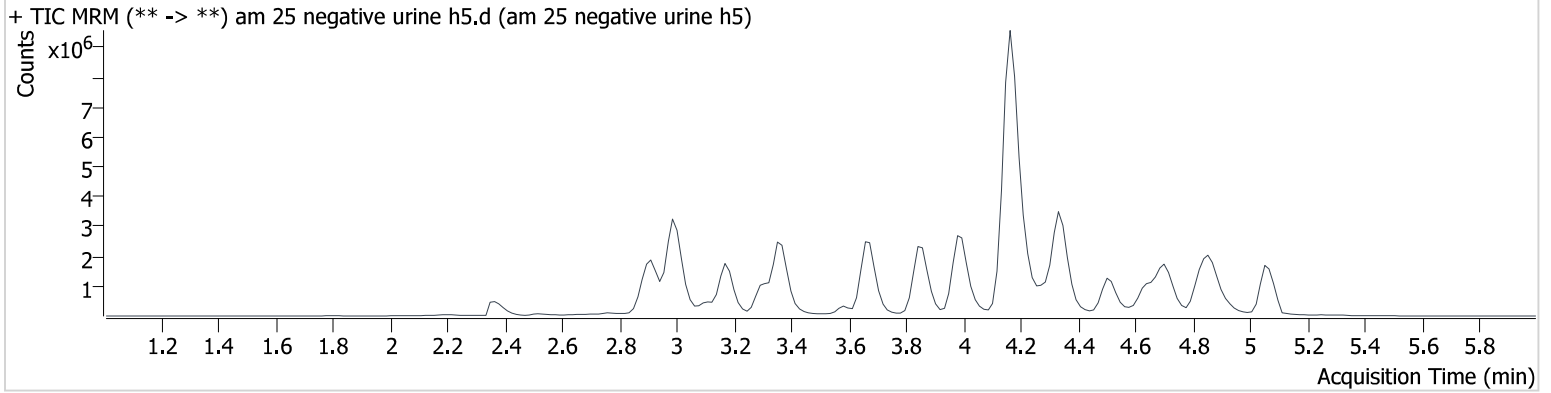


# AM #25 Multi-Drug Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 25.batch.bin  
**Calibration Last Update** 5/7/2024 2:28:12 PM

<b>Instrument</b>	69679	<b>Data File</b>	am 25 negative urine h5.d
<b>Type</b>	Sample	<b>Sample</b>	am 25 negative urine h5
<b>Acq. Method</b>	mds 4324.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-H5	<b>Comment</b>	
<b>Injection Volume</b>	2.5		
<b>Acq. Date-Time</b>	5/7/2024 1:52:57 PM		
<b>Sample Info.</b>			

## Sample Chromatogram





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

Extraction Date: 05/07/24

Plate lot#: 231212

Mobile phase A: 10mM Amm Form in LCMS water

Blank Blood Lot: 24C52042

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: 1324

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<sup>2</sup> 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: The wrong spot was originally injected for the negative control, that sample was not included in the batch, the correct sample was injected on the morning of 5/8/24 that sample was evaluated.

	1	2	3	4	5	6
a	cal 1	Internal control urine	0829-1	0853-1		
b	cal 2	negative blood	0830-1	negative urine		
c	cal 3	0724-1	0831-1	0792-1		
d	cal 4	0775-1	0831-2	0813-1		
e	cal 5	0783-1	0831-3	0803-1		
f	cal 6	0800-1	0831-4			
g	cal 7	0805-1	0840-1			
h	Internal control (blood)	0827-1	0843-1			

Plate position 3

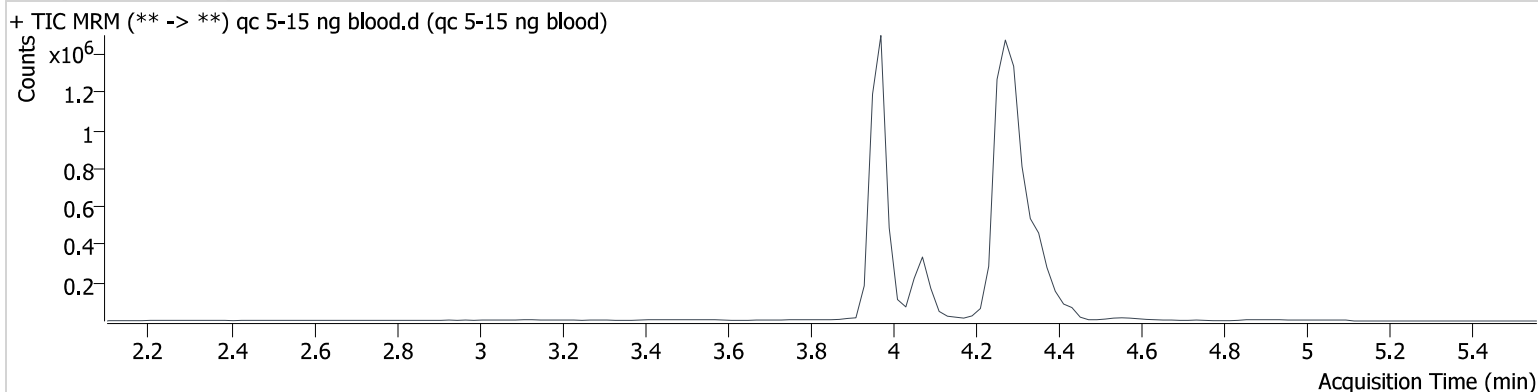
c2024-\_\_\_\_-\_\_

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	qc 5-15 ng blood.d
<b>Type</b>	QC	<b>Sample</b>	qc 5-15 ng blood
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-H1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 3:32:25 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	12852	309247	5.047 ng/ml
THC-COOH	4.073	111820	618428	14.121 ng/ml
THC-OH	3.979	28910	3866855	4.933 ng/ml

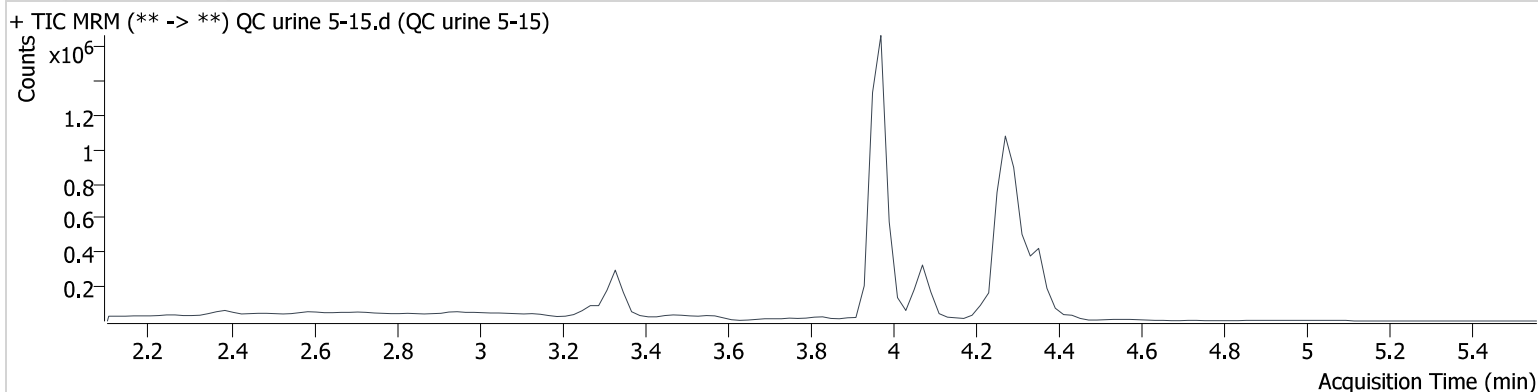


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	QC urine 5-15.d
<b>Type</b>	QC	<b>Sample</b>	QC urine 5-15
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-A2	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 3:38:53 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



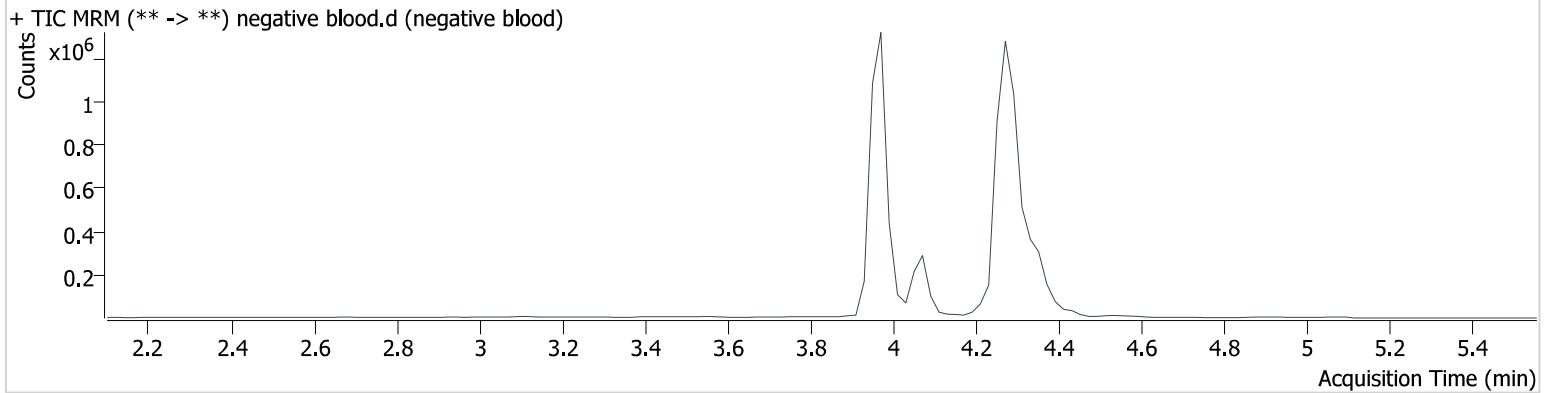
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	33813	759445	5.391 ng/ml
THC-COOH	4.073	102762	552099	14.550 ng/ml
THC-OH	3.979	31017	4298867	4.762 ng/ml

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	negative blood.d
<b>Type</b>	Sample	<b>Sample</b>	negative blood
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-B2	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 3:45:21 PM		
<b>Sample Info.</b>			

## Sample Chromatogram

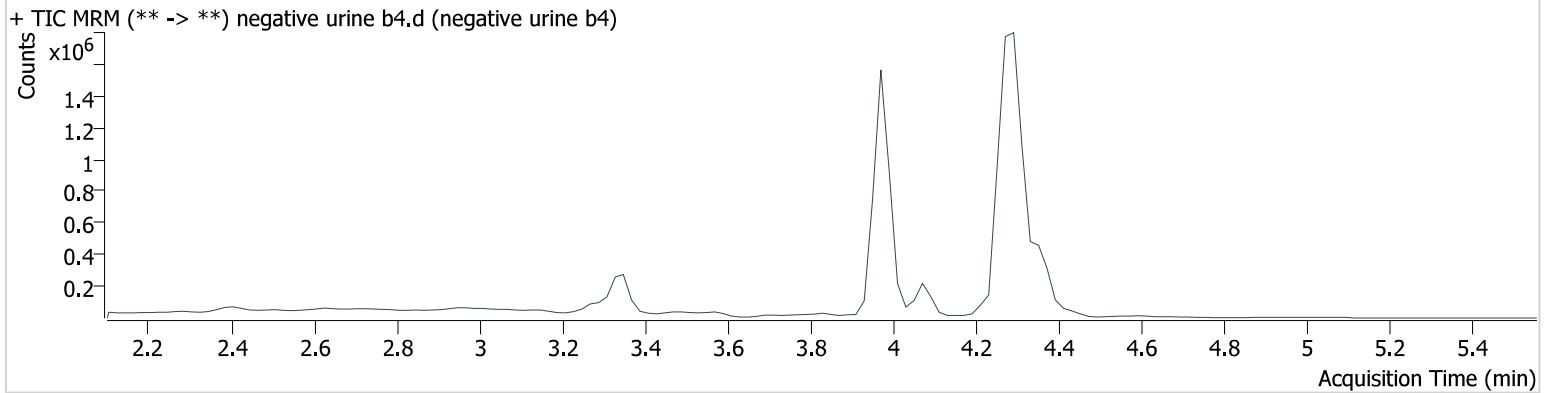


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	negative urine b4.d
<b>Type</b>	Sample	<b>Sample</b>	negative urine b4
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-B4	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/8/2024 8:59:31 AM		
<b>Sample Info.</b>			

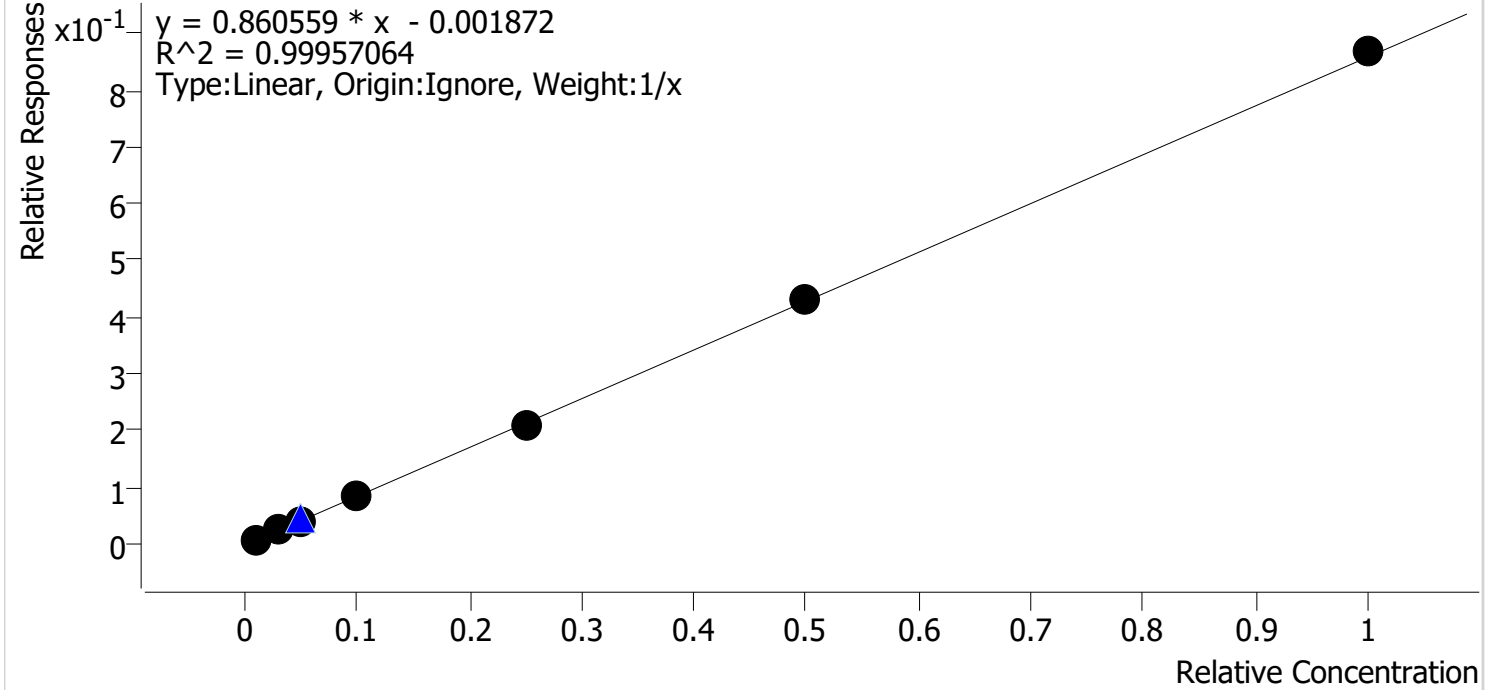
## Sample Chromatogram



# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Last Cal. Update** 5/8/2024 10:28 AM  
**Analyst Name** ISP\datastor  
**Analyte** THC **Internal Standard** THC-d3

THC - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 1 QCs



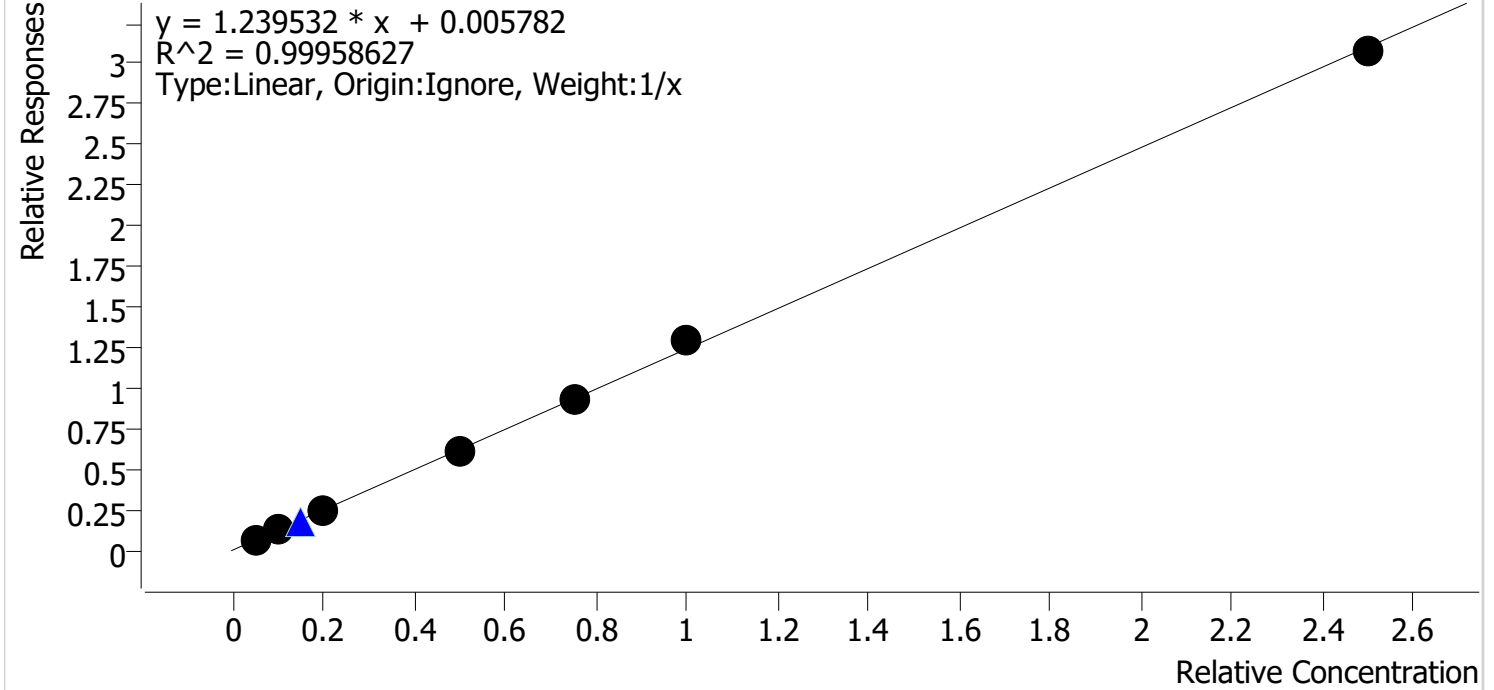
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	1.0	1.1	110.7
cal 2	2	✓	3.0	3.0	100.3
cal 3	3	✓	5.0	4.6	92.6
cal 4	4	✓	10.0	9.8	97.8
cal 5	5	✓	25.0	24.4	97.5
cal-6	6	✓	50.0	50.0	100.0
cal-7	7	✓	100.0	101.1	101.1



# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Last Cal. Update** 5/8/2024 10:28 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, 1 QCs

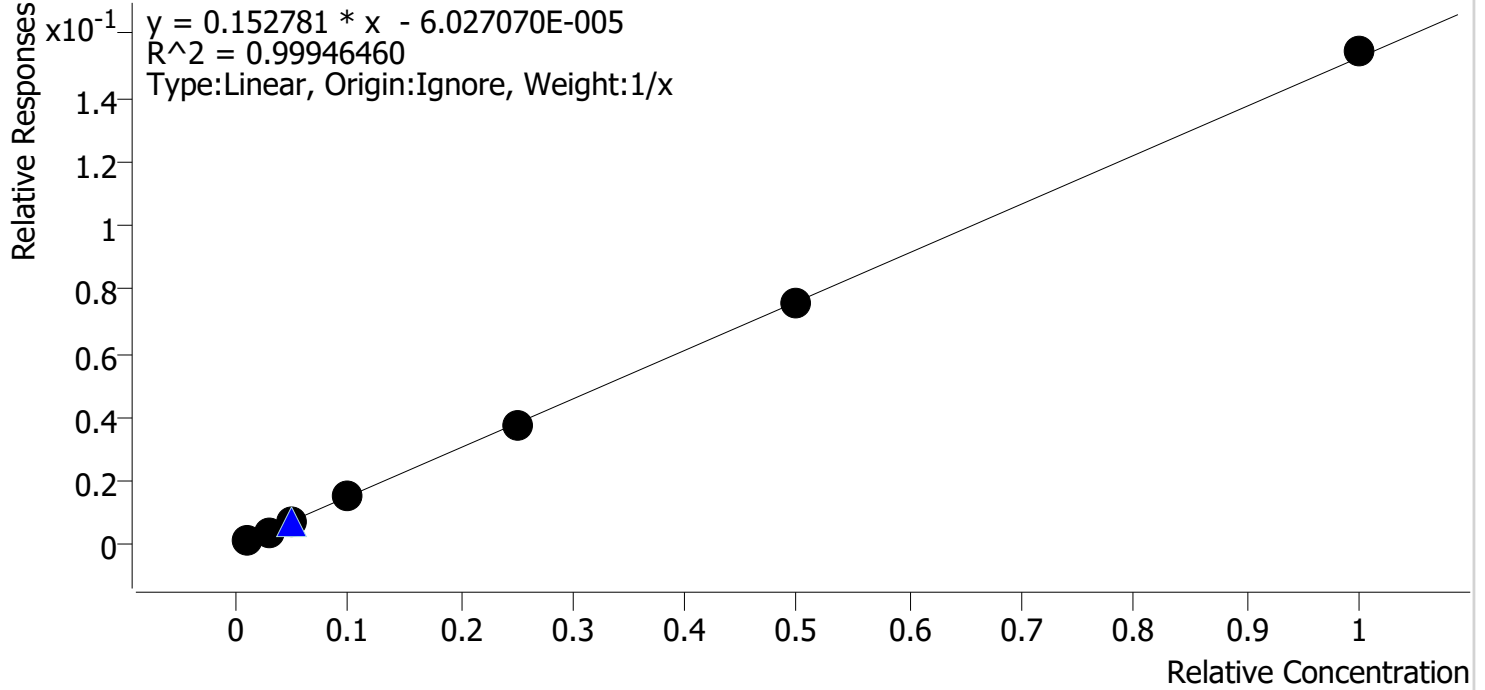


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	5.0	5.0	100.5
cal 2	2	✓	10.0	10.0	99.6
cal 3	3	✓	20.0	19.8	99.0
cal 4	4	✓	50.0	49.3	98.7
cal 5	5	✓	75.0	74.6	99.5
cal-6	6	✓	100.0	103.5	103.5
cal-7	7	✓	250.0	247.7	99.1

# Compound Calibration Report

**Batch results** D:\MassHunter\Data\2024\lam 25-26\050724\QuantResults\lam 26.batch.bin  
**Last Cal. Update** 5/8/2024 10:28 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, 1 QCs



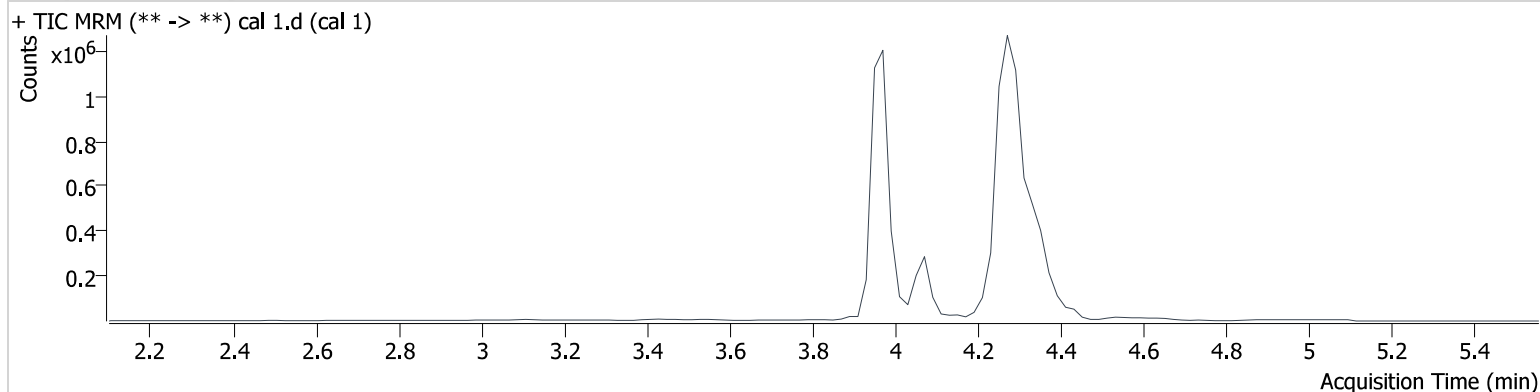
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	1.0	1.2	115.3
cal 2	2	✓	3.0	2.9	95.8
cal 3	3	✓	5.0	4.6	91.9
cal 4	4	✓	10.0	9.8	97.8
cal 5	5	✓	25.0	24.6	98.4
cal-6	6	✓	50.0	49.8	99.6
cal-7	7	✓	100.0	101.2	101.2

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	cal 1.d
<b>Type</b>	Cal	<b>Sample</b>	cal 1
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-A1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 2:46:58 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



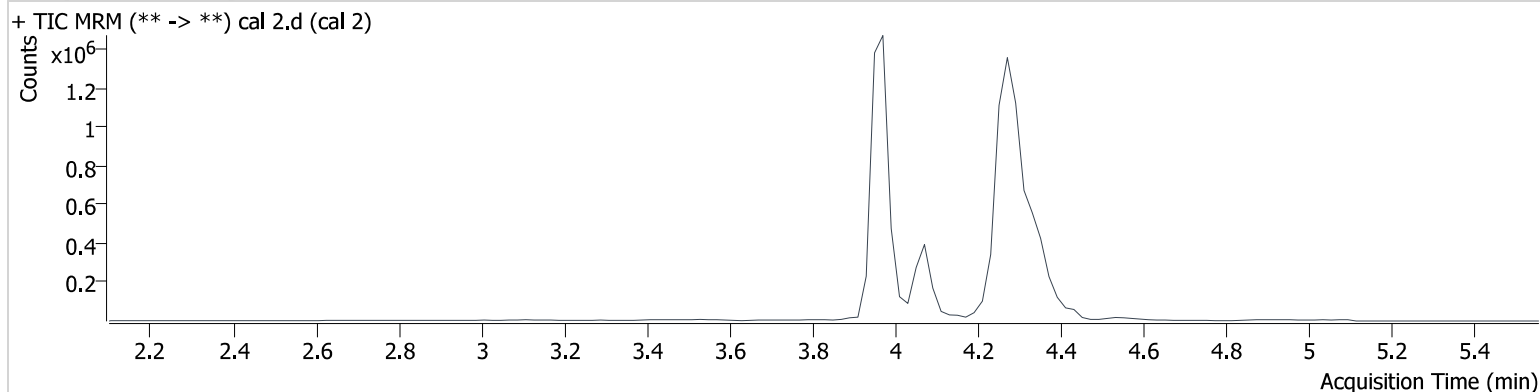
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	3869	505365	1.107 ng/ml <b>Low</b>
THC-COOH	4.073	40361	592969	5.025 ng/ml <b>Low</b>
THC-OH	3.979	5973	3509813	1.153 ng/ml <b>Low</b>

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	cal 2.d
<b>Type</b>	Cal	<b>Sample</b>	cal 2
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-B1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 2:53:37 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



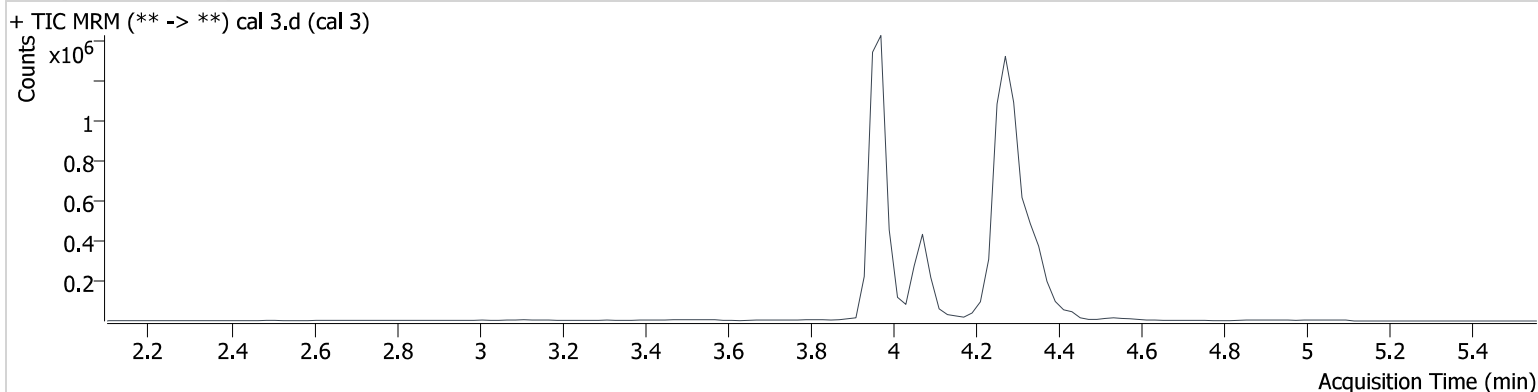
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	11517	479556	3.008 ng/ml
THC-COOH	4.073	99864	772456	9.963 ng/ml <b>Low</b>
THC-OH	3.979	18244	4214729	2.873 ng/ml <b>Low</b>

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	cal 3.d
<b>Type</b>	Cal	<b>Sample</b>	cal 3
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-C1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 3:00:04 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



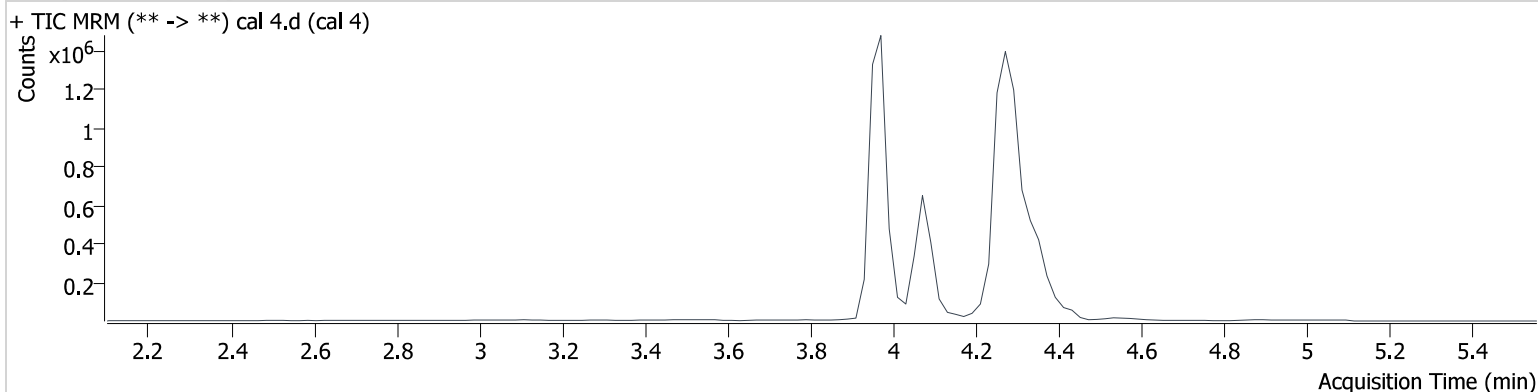
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.345	17797	468802	4.629 ng/ml
THC-COOH	4.073	174895	695891	19.809 ng/ml
THC-OH	3.979	27452	3945507	4.594 ng/ml

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	cal 4.d
<b>Type</b>	Cal	<b>Sample</b>	cal 4
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-D1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 3:06:33 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



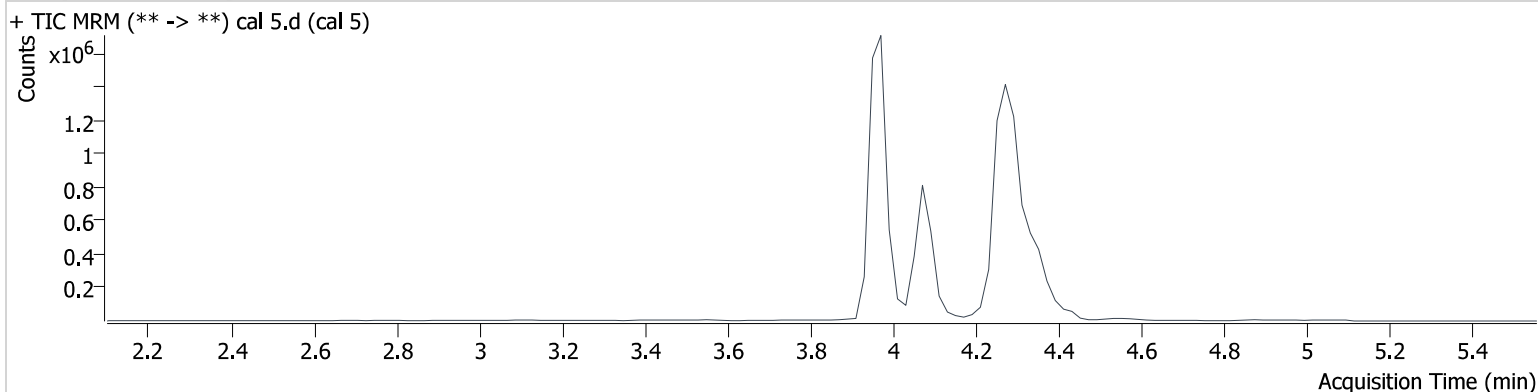
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	34197	415586	9.780 ng/ml
THC-COOH	4.073	430715	697593	49.345 ng/ml
THC-OH	3.979	55876	3753013	9.784 ng/ml

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	cal 5.d
<b>Type</b>	Cal	<b>Sample</b>	cal 5
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-E1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 3:13:01 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



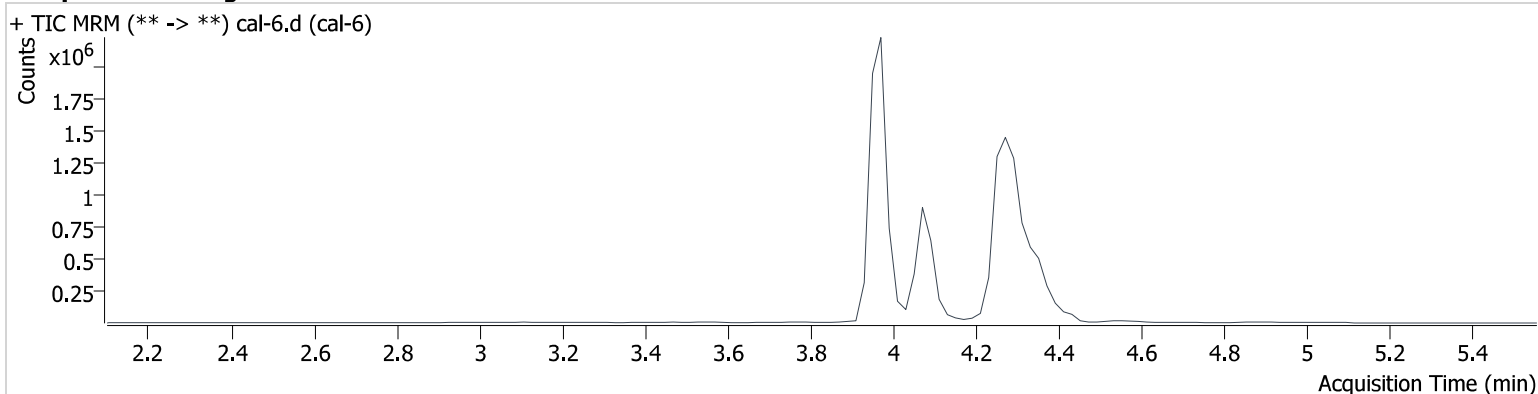
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	77376	372030	24.386 ng/ml
THC-COOH	4.073	624756	671121	74.636 ng/ml
THC-OH	3.979	138646	3694179	24.605 ng/ml

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	cal-6.d
<b>Type</b>	Cal	<b>Sample</b>	cal-6
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-F1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 3:19:29 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	136531	318717	49.996 ng/ml
THC-COOH	4.073	761018	590254	103.549 ng/ml
THC-OH	3.979	283677	3732906	49.780 ng/ml

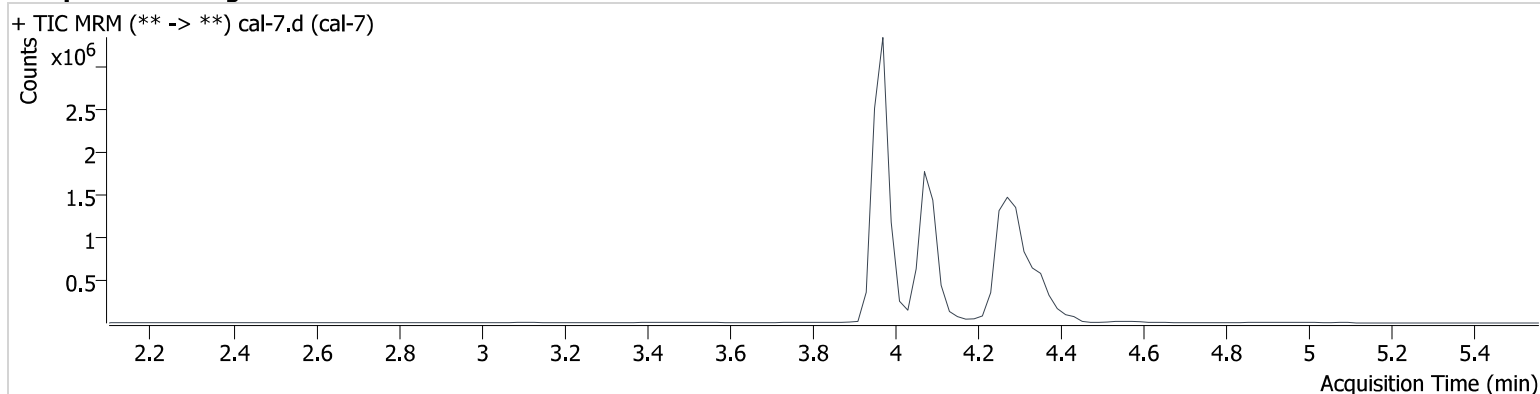


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\am 25-26\050724\QuantResults\am 26.batch.bin  
**Calibration Last Update** 5/8/2024 10:28:52 AM

<b>Instrument</b>	69679	<b>Data File</b>	cal-7.d
<b>Type</b>	Cal	<b>Sample</b>	cal-7
<b>Acq. Method</b>	am 26 cann scr 5-5-20.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P3-G1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	5/7/2024 3:25:57 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	266231	306683	101.094 ng/ml
THC-COOH	4.073	1810766	588721	247.673 ng/ml
THC-OH	3.979	572637	3704679	101.211 ng/ml