










NAB

2/24/2025

Worklist: 7054

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2025-0170	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0191	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
C2025-0194	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0201	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0203	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0219	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	
C2025-0227	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0229	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0231	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0234	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0244	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0253	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0255	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0262	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0264	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0266	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0271	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
C2025-0308	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2025-0317	5	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ	

Web

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

Extraction Date: 02/24/2025

Plate lot#: 240925

Mobile phase A: 10mM Amm Form

Blank Blood Lot: 25A52551

LCMS-QQQ ID: 69679

Analyst: Mikel Buffaloe

Plate Retest Date: 03/25/2025

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Urine Lot: 1224

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.

Run was stopped due to missing a checktune. Run restarted after the successful passing of checktune; samples that needed to be rerun are named ending in "r".

MeB

	1	2	3	4	5	6	7	8	9	10	11	12
A	cal 1	neg blood	0203-1	0255-1								
B		0170-1	0227-1	0262-1								
C	internal urine control	0194-1	0229-1	0264-1								
D		0201-1	0231-1	0266-2								
E			0234-1	0271-1								
F			0244-1	0308-1								
G			0253-1	neg urine		0191-1						
H				0317-5		0219-1						

C2025-____-__

plate position 2

MB

AM #25 Multi-Drug Screen. Results

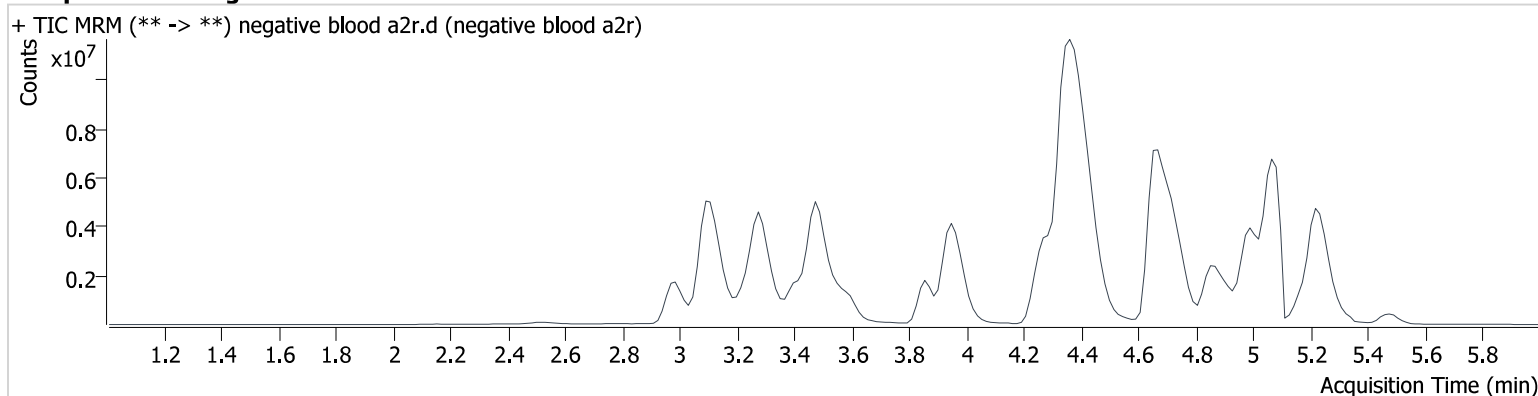
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 25.batch.bin
Calibration Last Update 2/25/2025 8:33:46 AM

Instrument 69679
Type Sample
Acq. Method mds 4324.m
Sample Position P2-A2
Injection Volume 2.5
Acq. Date-Time 2/24/2025 2:13:09 PM
Sample Info.

Data File negative blood a2r.d
Sample negative blood a2r
Operator Mikel Buffaloe
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



MB

AM #25 Multi-Drug Screen. Results

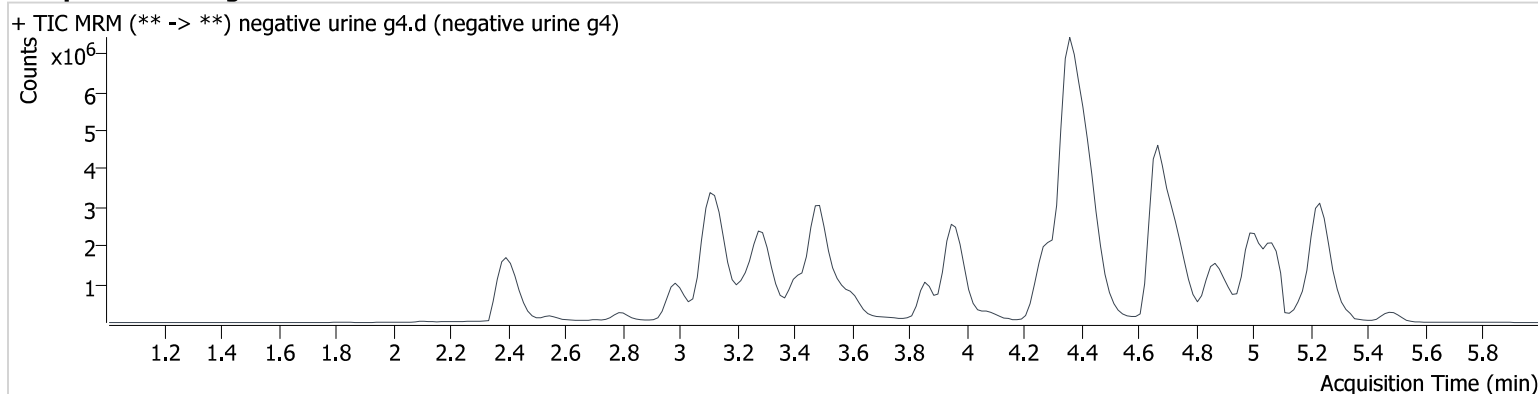
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 25.batch.bin
Calibration Last Update 2/25/2025 8:33:46 AM

Instrument 69679
Type Sample
Acq. Method mds 4324.m
Sample Position P2-G4
Injection Volume 2.5
Acq. Date-Time 2/24/2025 4:07:41 PM
Sample Info.

Data File negative urine g4.d
Sample negative urine g4
Operator Mikel Buffaloe
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



MB

AM #25 Multi-Drug Screen. Results

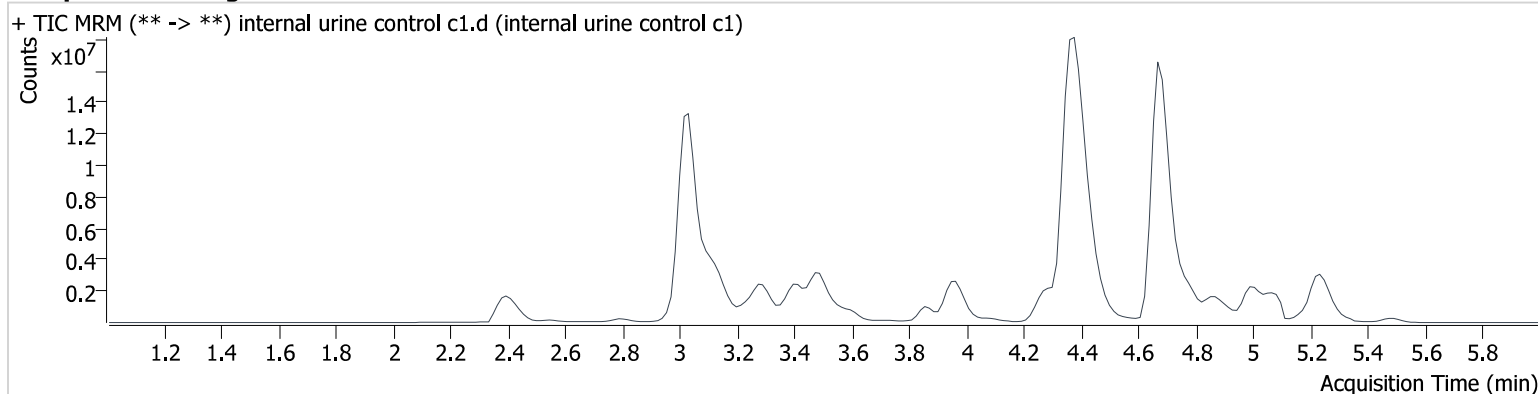
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Calibration Last Update 2/25/2025 8:33:46 AM

Instrument 69679
Type Sample
Acq. Method mds 4324.m
Sample Position P2-C1
Injection Volume 2.5
Acq. Date-Time 2/24/2025 4:14:25 PM
Sample Info.

Data File internal urine control c1.d
Sample internal urine control c1
Operator Mikel Buffaloe
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.
Alprazolam	4.796	2763211	229.3	∞	529571	109.433
Amphetamine	3.042	15605560	36688.9	∞	3690366	115.668
Codeine	3.397	2434784	6185.1	4769.3	3276941	100.494
Diphenhydramine	4.386	45247418	16525.9	5997.1	29816299	111.859
Zolpidem	4.674	39703464	17272.9	3970.5	16878762	125.488

MB

AM #25 Multi-Drug Screen. Results

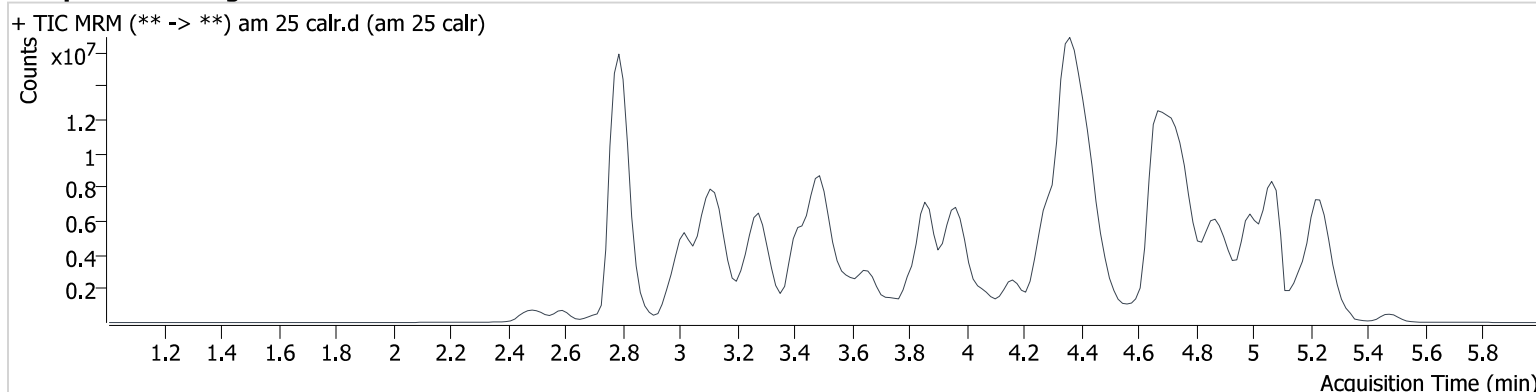
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 25.batch.bin
Calibration Last Update 2/25/2025 8:33:46 AM

Instrument 69679
Type Cal
Acq. Method mds 4324.m
Sample Position P2-A1
Injection Volume 2.5
Acq. Date-Time 2/24/2025 2:06:15 PM
Sample Info.

Data File am 25 calr.d
Sample am 25 calr
Operator Mikel Buffaloe
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	3.863	1378283	4960.1	175.8	1063120	10.000
6-MAM	3.394	51853	231.1	31.7	1777684	10.000
7-aminoclonazepam	3.614	297236	98.9	48062.1	1674085	10.000
7-aminoflunitrazepam	3.860	976547	231.5	302.7	1674085	10.000
9-Hydroxyrisperidone	4.450	5014402	22796.5	45194.0	1674085	10.000
Acetyl Fentanyl	4.533	344333	496.2	67422.0	6923178	10.000
Acetyl Norfentanyl	2.976	90950	91.7	7528.0	23277091	10.000
a-hydroxyalprazolam	4.702	35484	15.8	30.7	1063120	10.000
alpha-hydroxymidazolam	4.762	615945	163.9	111.6	5643996	10.000
alpha-PHP	4.433	2816413	1057.7	1191.9	8195685	10.000
alpha-PVP	4.004	3384360	3848.7	874.4	22472406	10.000
Alprazolam	4.781	506901	114.7	254.0	1063120	10.000
Amitriptyline	4.907	1678244	357.8	311.9	8222465	10.000
Amphetamine	3.026	2996279	773.3	695.4	8195685	10.000
Benzoylecgonine	3.444	60602	∞	793.1	296451	10.000
Bromazolam	4.853	241584	1769.5	1471.0	5643996	10.000
Brompheniramine	4.426	92729	∞	∞	55792929	10.000
Buprenorphine	5.488	6084	5410.2	∞	2092551	10.000
Bupropion	4.326	3520214	1012.0	262.7	15111149	10.000
Carbamazepine	4.372	4899202	∞	4179.7	5926052	10.000
Carisoprodol	4.308	904027	940.9	115.9	4926701	10.000
Chlordiazepoxide	4.966	331090	113231.8	90.5	5643996	10.000
Chlorpheniramine	4.292	5452321	∞	∞	55792929	10.000
Chlorpromazine	5.223	2104421	6089.7	3308.1	10548805	10.000
Citalopram	4.425	2570760	242.2	321251.6	55792929	10.000
Clomipramine	5.193	3085125	547.1	10249.5	5923285	10.000
Clonazepam	4.642	238274	957.0	200.1	1063120	10.000
Clonazolam	4.530	350193	115578.0	953.7	1063120	10.000
clozapine	4.992	3256744	811373.9	3089.4	14912226	10.000
Cocaethylene	4.149	3558016	4846.6	401051.7	22472406	10.000
Cocaine	3.981	4557574	23518.8	25022.5	22472406	10.000
Codeine	3.382	438146	1863.6	3799.7	5926052	10.000

am 25 calr

Generated at 8:34 AM on 2/25/2025

AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cyclobenzaprine	4.785	2857878	782.3	125.0	8222465	10.000
Desipramine	4.740	5087716	3178.0	856.4	8222465	10.000
Dextromethorphan	4.431	1973468	3526.0	28187.8	10241790	10.000
Dextrorphan	3.601	1971619	2924.6	3355.8	8195685	10.000
Diazepam	5.044	639501	178.3	159.4	5643996	10.000
Dihydrocodeine	2.999	1100713	546.7	7184.4	5926052	10.000
Dimethyltryptamine	3.146	876216	971.1	2757.9	8195685	10.000
Diphenhydramine	4.371	7569183	6114.4	238.4	55792929	10.000
Doxepin	4.599	1964590	145.4	178.0	14912226	10.000
Doxylamine	3.876	7618675	26371.6	8323.1	8195685	10.000
Duloxetine	4.675	93876	14459.4	1093.4	5923285	10.000
EDDP	4.338	430006	361.0	6721.8	2388139	10.000
Estazolam	4.706	1915052	667.0	202.5	5643996	10.000
Etizolam	4.777	84718	41.4	225.9	5643996	10.000
Fentanyl	4.731	305546	81.8	67883.9	17628339	10.000
Flualprazolam	4.609	287958	494.8	163.6	5643996	10.000
Flunitrazepam	4.750	752042	284.7	173.4	1063120	10.000
Fluorofentanyl	4.776	271365	62901.1	153.3	17628339	10.000
Fluoxetine	4.628	3199831	10443.6	60780.6	5923285	10.000
Flurazepam	4.774	2166236	935286.5	284594.2	2092551	10.000
Hydrocodone	3.598	536623	∞	∞	5926052	10.000
Hydromorphone	2.713	775983	250.1	1518.4	9896549	10.000
hydroxyzine	5.096	3539057	814.2	3270.1	14912226	10.000
Imipramine	4.845	5390715	238248.0	∞	8222465	10.000
Ketamine	4.311	2439600	2165.0	94.6	9896549	10.000
Lamotrigine	3.755	2261636	414.2	315.3	8195685	10.000
Levamisole	3.544	2079142	250.9	174.8	22472406	10.000
Levetiracetam	2.599	1327715	∞	∞	1674085	10.000
Lorazepam	4.610	39431	7154.4	∞	1063120	10.000
Maprotiline	4.739	682662	267.4	85.3	8222465	10.000
MDA	3.161	2579514	355.8	707.6	22063057	10.000
MDEA	3.421	4033352	752.3	475.6	22063057	10.000
MDMA	3.253	4294265	555.8	1333.7	22063057	10.000
Meperidine	3.987	2390111	487.8	560.0	1777684	10.000
Meprobamate	3.728	277696	574.4	48.8	4926701	10.000
Methadone	4.719	5292478	633603.4	546.6	6923178	10.000
Methamphetamine	3.132	2942585	1353283793527 15.0	∞	22063057	10.000
Methocarbamol	3.695	141401	115.8	795.3	5926052	10.000
Methylphenidate	3.819	7452895	10486.8	2128.0	17224161	10.000
Metoprolol	3.616	419148	442.4	742.5	8195685	10.000
Midazolam	4.931	321911	168235.7	104463.9	1674085	10.000
Mirtazapine	4.756	2600127	1085.7	5853.4	2092551	10.000
Mitragynine	4.774	180831	51326.0	119181.6	17628339	10.000
Morphine	2.531	395874	819.6	∞	375714	10.000
Norbuprenorphine	4.113	77892	16716.4	18415.4	2092551	10.000
Nordiazepam	4.908	319348	123696.7	125.4	5643996	10.000
Norfentanyl	3.496	4822465	904.2	212.3	23277091	10.000
Norhydrocodone	3.077	62384	30.0	4125.6	5926052	10.000
norketamine	4.265	412391	184.5	331833.6	9896549	10.000
Normeperidine	3.819	2416875	3977.5	1460.7	1777684	10.000
Noroxycodone	3.029	1134125	106.8	494.1	5926052	10.000
Nortriptyline	4.787	2033498	7812.9	849.9	5923285	10.000
O-desmethyl-tramadol	3.035	5334047	8502.5	97.5	6923178	10.000
O-Desmethylvenlafaxine	3.416	1658921	∞	∞	6923178	10.000
Olanzapine	4.396	722703	7132.4	188.9	5923285	10.000
Oxazepam	4.722	190391	467.7	576.2	1063120	10.000
Oxycodone	3.303	1983968	1058.8	165.3	9896549	10.000
Oxymorphone	2.468	1318272	930.7	424.4	9896549	10.000
Paroxetine	4.685	398134	18575.6	∞	5923285	10.000

WAB

AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Phenazepam	4.838	426430	∞	∞	5643996	10.000
Phencyclidine	4.187	4380547	3508.3	1542.6	6923178	10.000
Phentermine	3.316	1076283	∞	13863842 4002818. 0	17224161	10.000
Phenytoin	4.248	165560	630.6	68519.3	127473	10.000
primidone	3.513	3747049	1381297.2	965.1	23277091	10.000
Promethazine	4.906	5699146	41683.7	352.0	8222465	10.000
Pseudoephedrine	2.796	65124096	2045.2	1034.4	17224161	10.000
Quetiapine	5.065	3251613	731417.9	1314341. 2	5923285	10.000
Risperidone	4.681	4756564	879500.7	500.5	55792929	10.000
Sertraline	5.011	1306867	368901.2	∞	5923285	10.000
Sufentanil	5.141	249962	∞	∞	17628339	10.000
Tapentadol	3.651	2955519	713.9	627.1	9896549	10.000
Temazepam	4.859	1188794	411.1	327.9	5643996	10.000
Topiramate	3.917	200514	44321.1	32865.5	88158	10.000
Tramadol	3.662	7849962	∞	78.5	1777684	10.000
Trazodone	5.249	4049124	936780.8	586684.0	18623632	10.000
Venlafaxine	4.075	4819823	6747.6	714.2	6923178	10.000
Xylazine	3.681	239519	∞	∞	6923178	10.000
Zaleplon	4.505	1072669	1736.6	148201.4	1063120	10.000
Zolpidem	4.674	6001302	1048200.0	588201.9	32015594	10.000
Zopiclone	4.728	584943	6633.1	92900.7	3428131	10.000

WEB

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

Extraction Date: 02/24/2025

Plate lot#: 240919

Mobile phase A: 10mM Amm Form in LCMS water

Blank Blood Lot: ~~24C52044~~ 25A52551 2/27/2025

LCMS-QQQ ID: 69679

Analyst: Mikel Buffaloe

Plate Retest Date: 3/19/2025

Mobile phase B: 0.1% Formic acid in MeOH

Blank Urine Lot: 1224

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:

MeB

	1	2	3	4	5	6
a	cal 1	internal control urine	0229-1	0266-2		
b	cal 2	Internal control (high)	0231-1	0271-1		
c	cal 3	negative blood	0234-1	0308-1		
d	cal 4	0170-1	0244-1	neg urine		
e	cal 5	0194-1	0253-1	0191-1		
f	cal 6	0201-1	0255-1	0219-1		
g	cal 7	0203-1	0262-1	0317-5		
h	Internal control (low)	0227-1	0264-1			

Plate position 3

c2025-____-__

Web

AM #26 Cannabinoids Screen Results

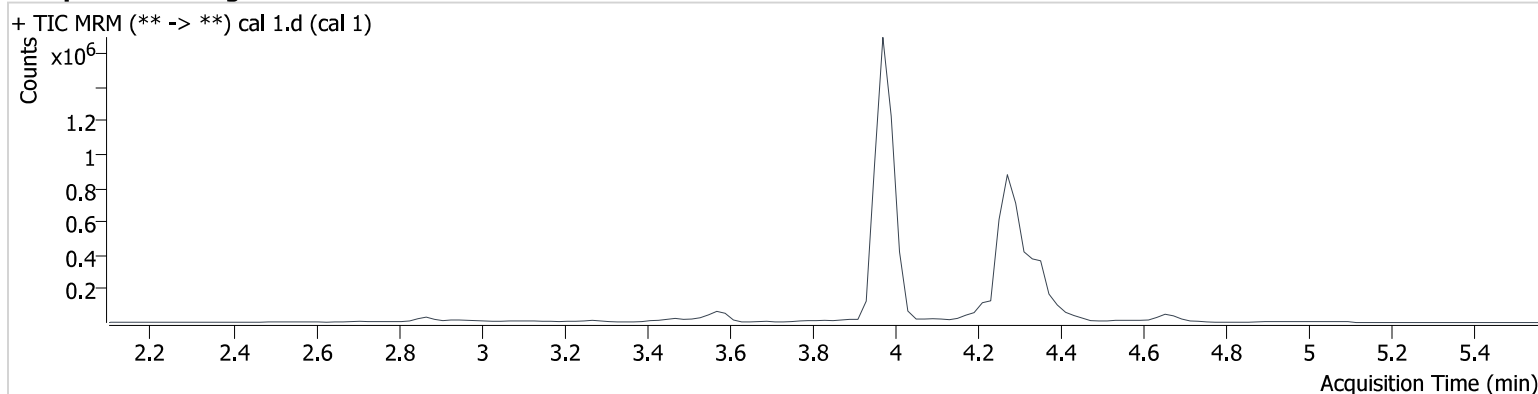
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-A1
Injection Volume 5
Acq. Date-Time 2/24/2025 5:01:55 PM
Sample Info.

Data File cal 1.d
Sample cal 1
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	6130	746146	1.13 ng/ml Low
THC-COOH	3.973	51169	635210	5.08 ng/ml Low
THC-OH	3.979	7222	4461185	1.13 ng/ml Low

Web

AM #26 Cannabinoids Screen Results

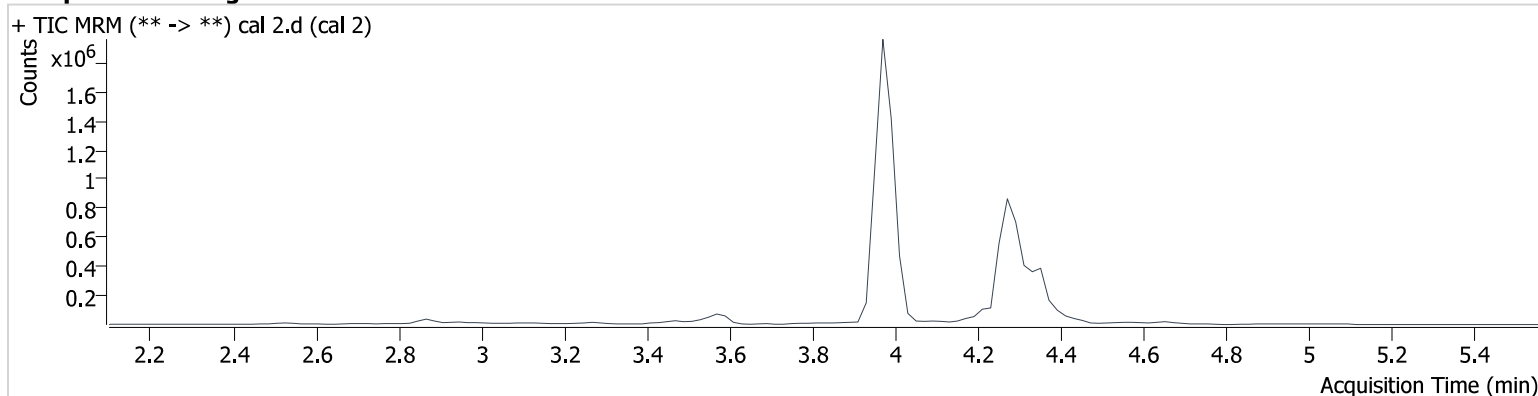
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-B1
Injection Volume 5
Acq. Date-Time 2/24/2025 5:08:34 PM
Sample Info.

Data File cal 2.d
Sample cal 2
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	18381	746197	2.97 ng/ml Low
THC-COOH	3.973	114945	733853	9.91 ng/ml Low
THC-OH	3.979	22672	4823040	2.94 ng/ml Low

Web

AM #26 Cannabinoids Screen Results

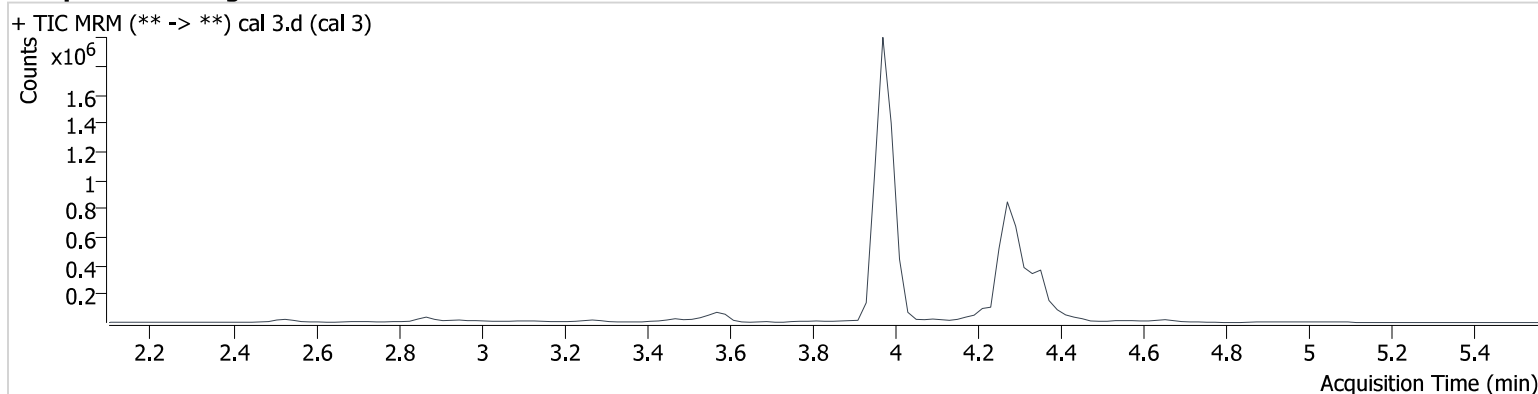
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-C1
Injection Volume 5
Acq. Date-Time 2/24/2025 5:15:02 PM
Sample Info.

Data File cal 3.d
Sample cal 3
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	27972	706183	4.66 ng/ml
THC-COOH	3.973	216297	699570	19.60 ng/ml
THC-OH	3.979	34720	4451027	4.76 ng/ml

Web

AM #26 Cannabinoids Screen Results

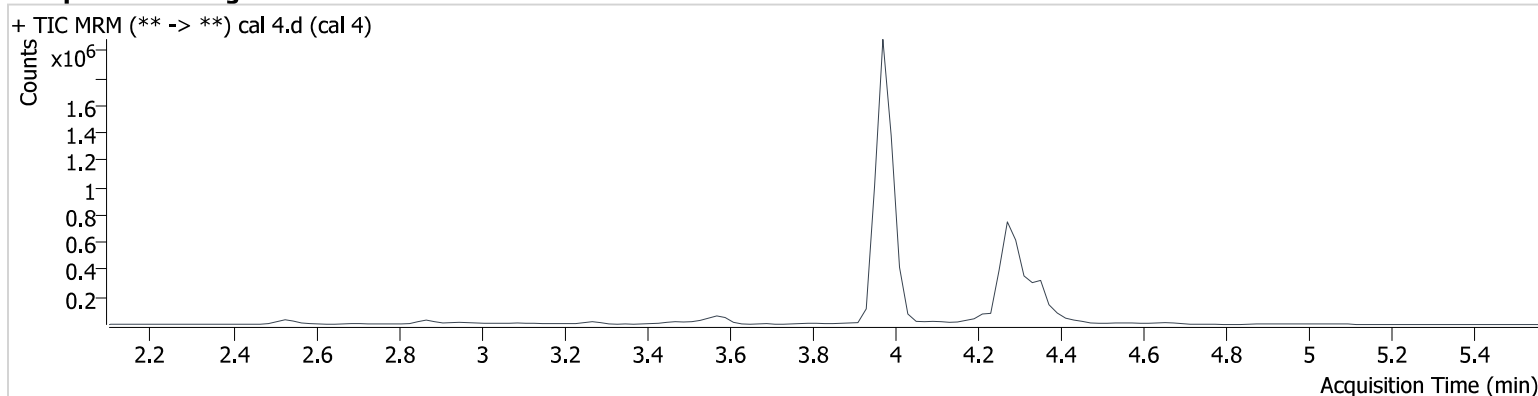
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-D1
Injection Volume 5
Acq. Date-Time 2/24/2025 5:21:30 PM
Sample Info.

Data File cal 4.d
Sample cal 4
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	52174	628207	9.53 ng/ml
THC-COOH	3.973	481918	610728	50.08 ng/ml
THC-OH	3.979	57781	3642953	9.49 ng/ml

Web

AM #26 Cannabinoids Screen Results

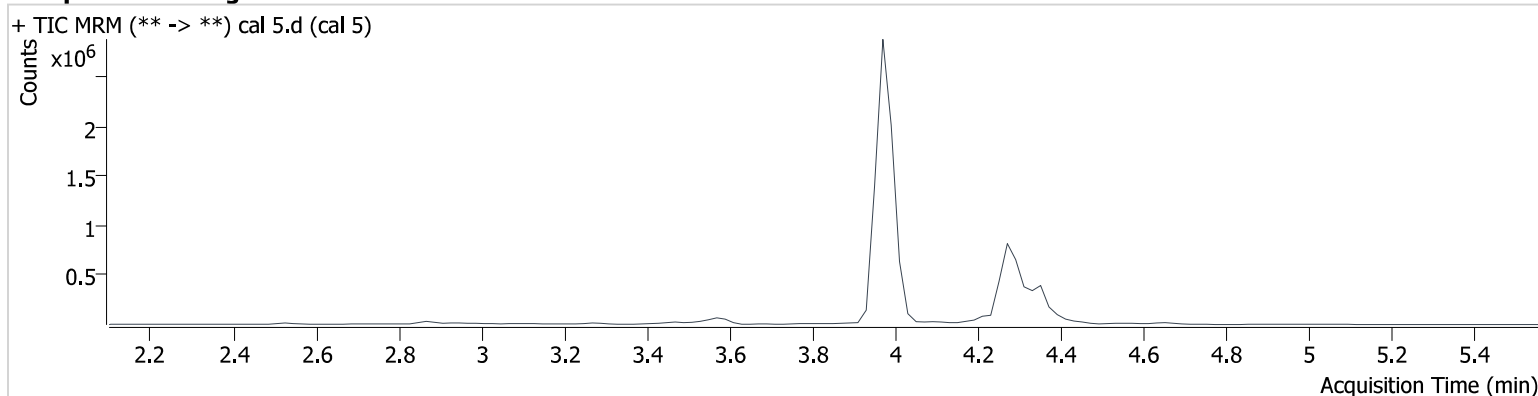
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-E1
Injection Volume 5
Acq. Date-Time 2/24/2025 5:27:58 PM
Sample Info.

Data File cal 5.d
Sample cal 5
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	143082	657455	24.65 ng/ml
THC-COOH	3.973	823585	691647	75.60 ng/ml
THC-OH	3.979	173150	4182230	24.49 ng/ml

Web

AM #26 Cannabinoids Screen Results

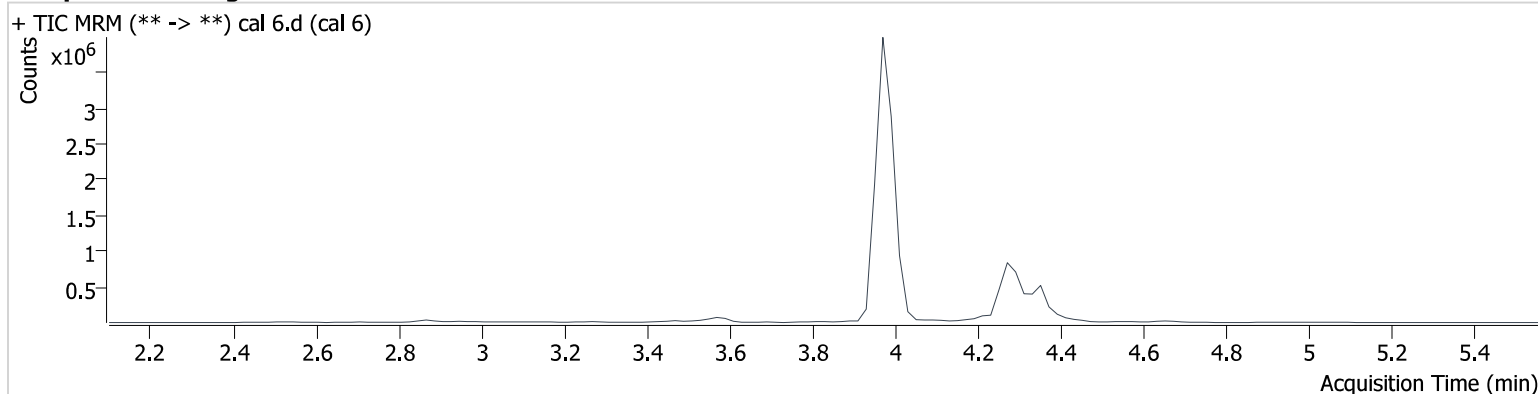
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-F1
Injection Volume 5
Acq. Date-Time 2/24/2025 5:34:26 PM
Sample Info.

Data File cal 6.d
Sample cal 6
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	310121	704530	49.64 ng/ml
THC-COOH	3.973	1204561	760470	100.57 ng/ml
THC-OH	3.979	392097	4630663	49.91 ng/ml

Web

AM #26 Cannabinoids Screen Results

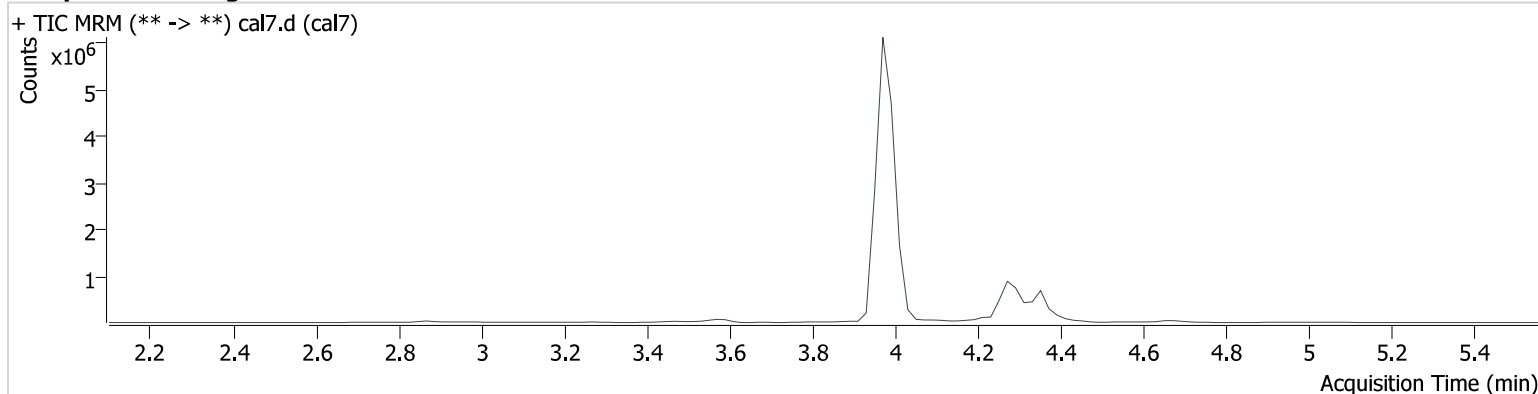
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type Cal
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-G1
Injection Volume 5
Acq. Date-Time 2/24/2025 5:47:24 PM
Sample Info.

Data File cal7.d
Sample cal7
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	626381	694926	101.42 ng/ml
THC-COOH	3.973	2708892	690449	249.15 ng/ml
THC-OH	3.979	756031	4392312	101.27 ng/ml

MB

AM #26 Cannabinoids Screen Results

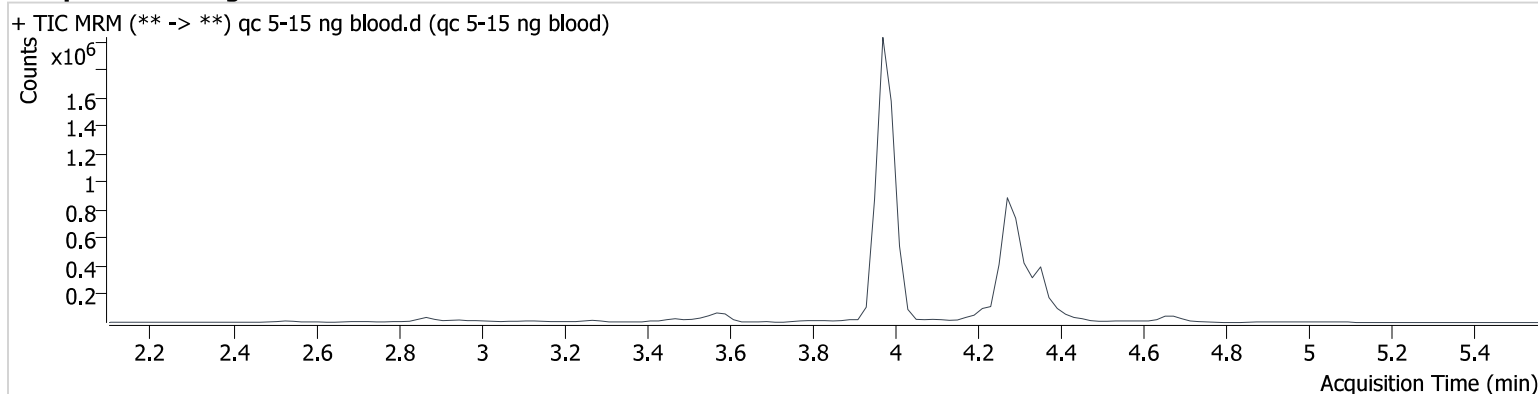
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type QC
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-H1
Injection Volume 5
Acq. Date-Time 2/24/2025 6:00:22 PM
Sample Info.

Data File qc 5-15 ng blood.d
Sample qc 5-15 ng blood
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	27801	683113	4.78 ng/ml
THC-COOH	3.973	162693	714467	14.43 ng/ml
THC-OH	3.979	38544	4703092	4.99 ng/ml

AM #26 Cannabinoids Screen Results

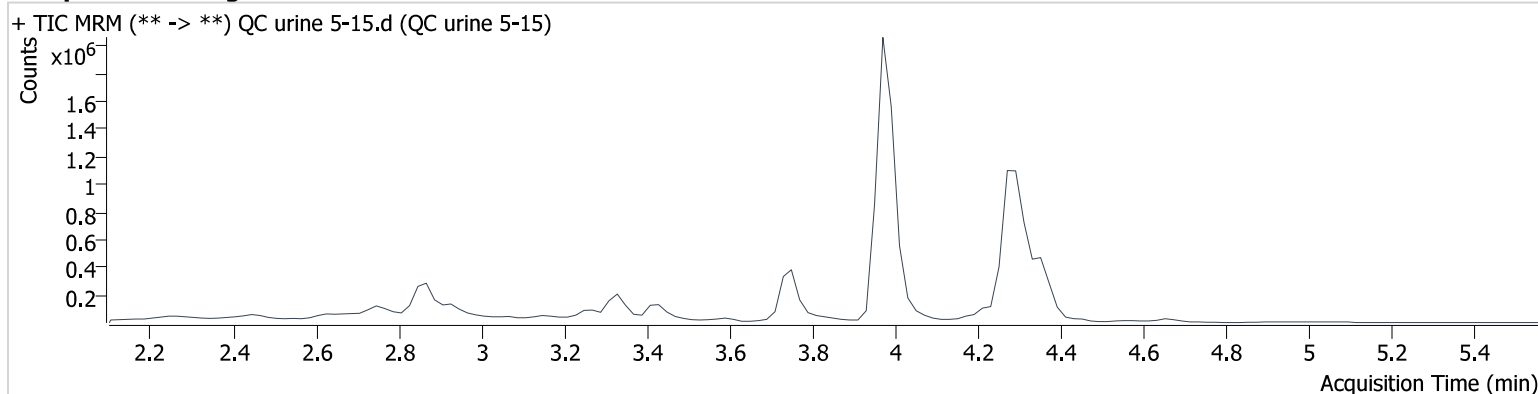
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type QC
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-A2
Injection Volume 5
Acq. Date-Time 2/24/2025 6:06:50 PM
Sample Info.

Data File QC urine 5-15.d
Sample QC urine 5-15
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	34756	802538	5.07 ng/ml
THC-COOH	3.973	168144	717799	14.84 ng/ml
THC-OH	3.979	46607	4759288	5.93 ng/ml

Web

AM #26 Cannabinoids Screen Results

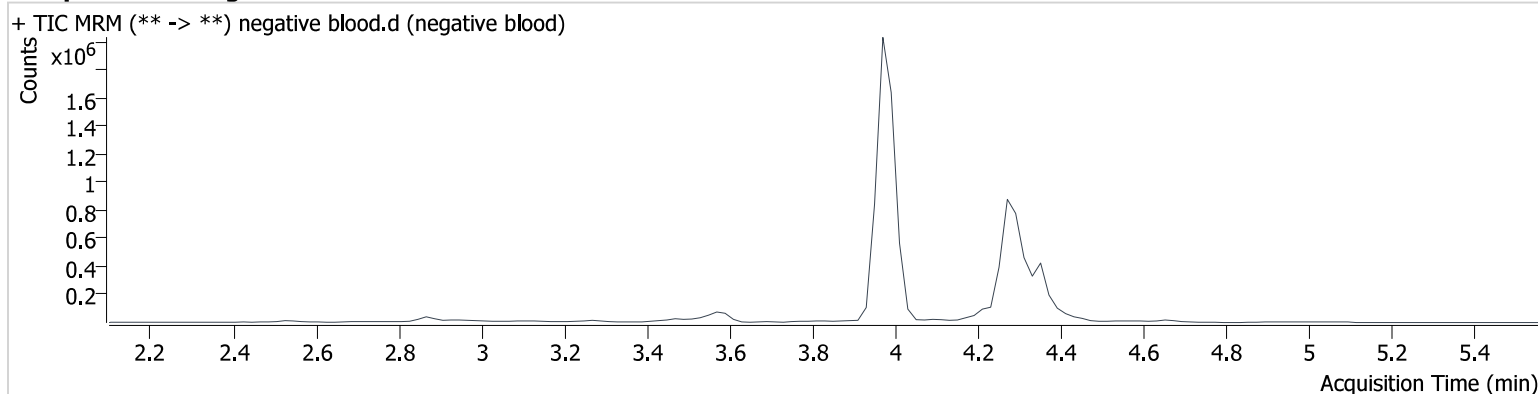
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type Sample
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-C2
Injection Volume 5
Acq. Date-Time 2/24/2025 6:13:18 PM
Sample Info.

Data File negative blood.d
Sample negative blood
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



MB

AM #26 Cannabinoids Screen Results

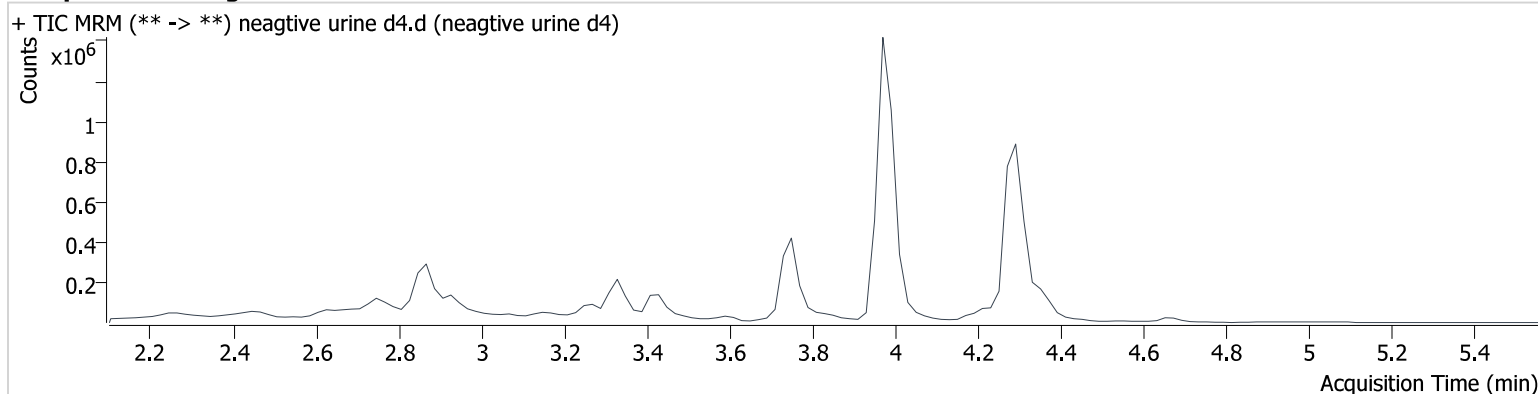
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type Sample
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-D4
Injection Volume 5
Acq. Date-Time 2/24/2025 8:03:19 PM
Sample Info.

Data File neagtive urine d4.d
Sample neagtive urine d4
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



Web

AM #26 Cannabinoids Screen Results

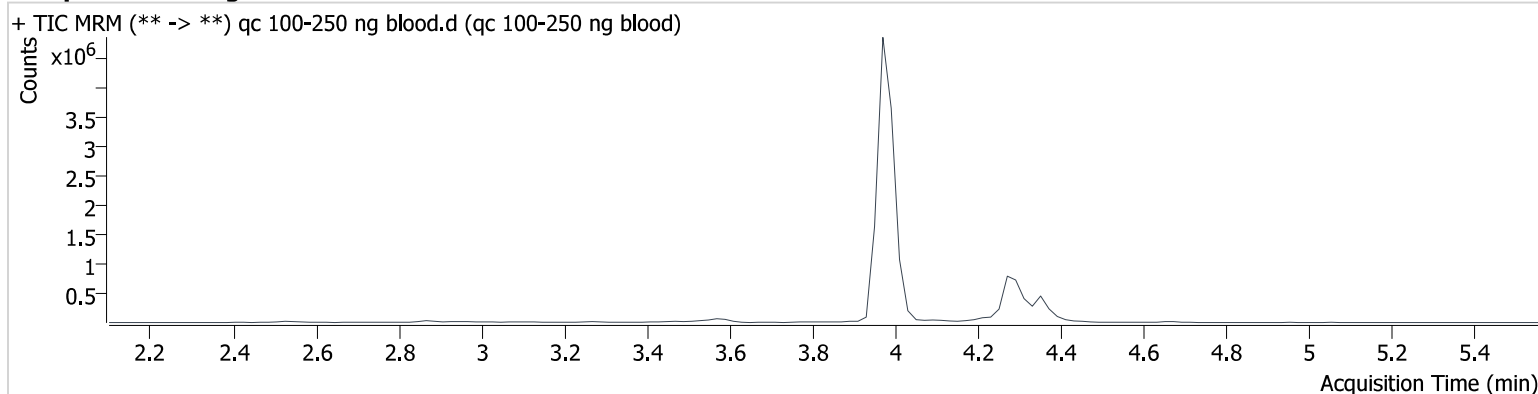
Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Calibration Last Update 2/25/2025 7:37:32 AM

Instrument 69679
Type QC
Acq. Method am 26 cann scr 5-5-20.m
Sample Position P3-B2
Injection Volume 5
Acq. Date-Time 2/24/2025 8:29:13 PM
Sample Info.

Data File qc 100-250 ng blood.d
Sample qc 100-250 ng blood
Operator Mikel Buffaloe
Comment

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Sample Chromatogram



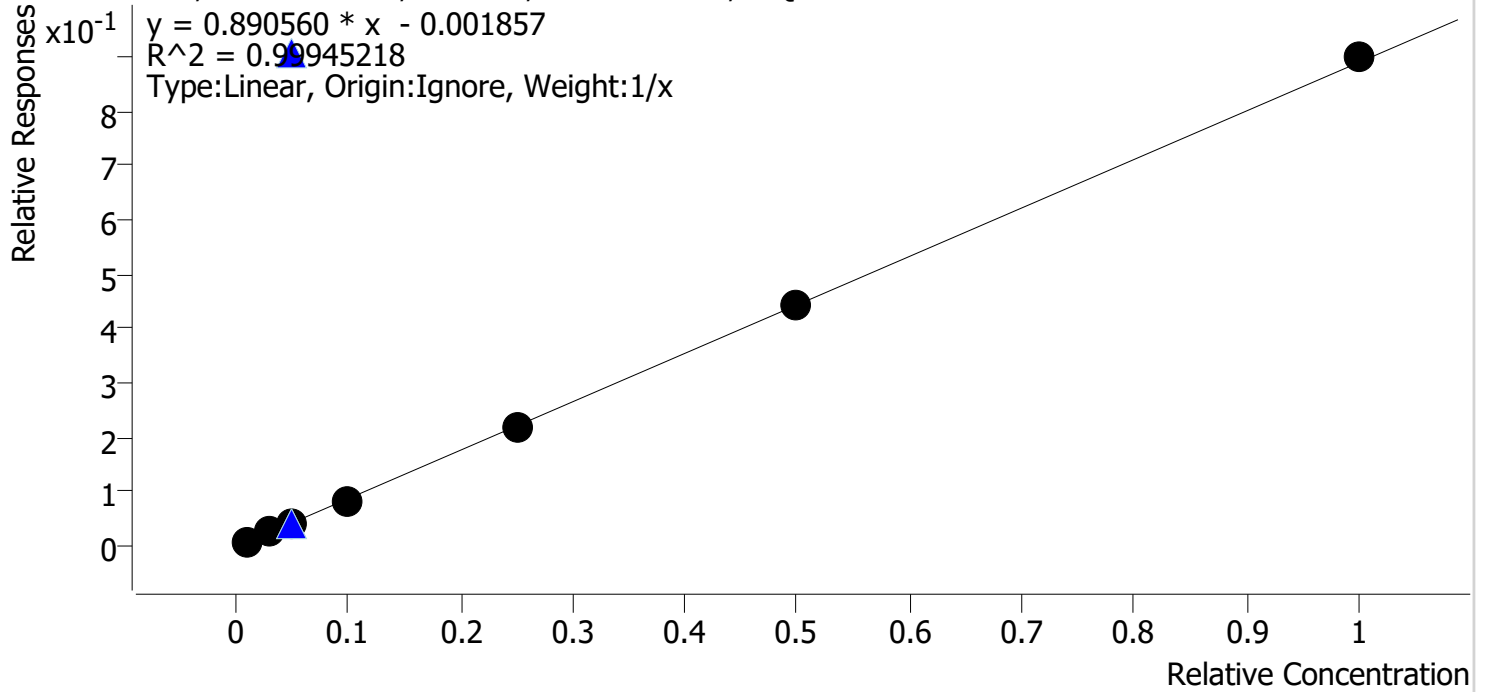
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	388159	429037	101.80 ng/ml
THC-COOH	3.973	2120085	546318	246.44 ng/ml
THC-OH	3.979	520085	3065668	99.82 ng/ml

Compound Calibration Report

WAB

Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Last Cal. Update 2/25/2025 7:37 AM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-d3

THC - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 3 QCs



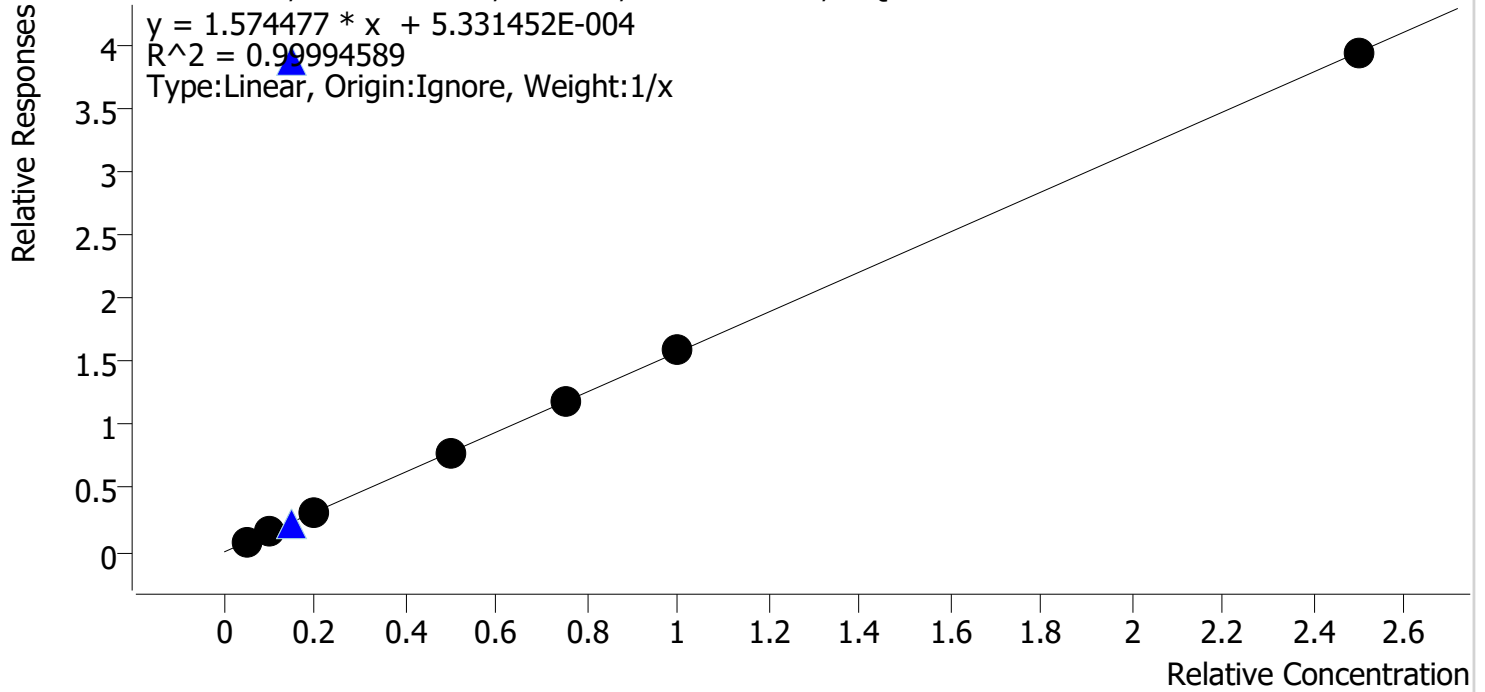
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	1.0	1.1	113.1
cal 2	2	✓	3.0	3.0	99.2
cal 3	3	✓	5.0	4.7	93.1
cal 4	4	✓	10.0	9.5	95.3
cal 5	5	✓	25.0	24.6	98.6
cal 6	6	✓	50.0	49.6	99.3
cal7	7	✓	100.0	101.4	101.4

Compound Calibration Report

WAB

Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Last Cal. Update 2/25/2025 7:37 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, 3 QCs



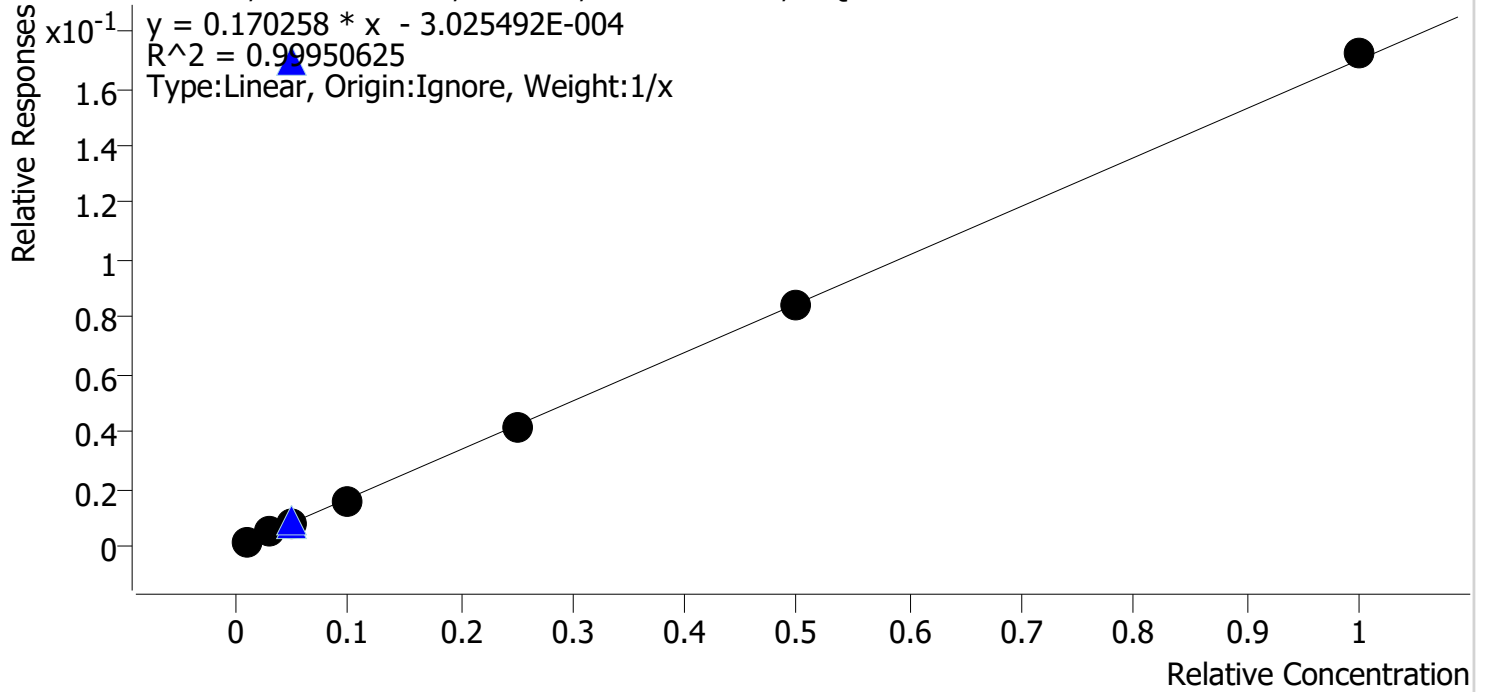
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	5.0	5.1	101.6
cal 2	2	✓	10.0	9.9	99.1
cal 3	3	✓	20.0	19.6	98.0
cal 4	4	✓	50.0	50.1	100.2
cal 5	5	✓	75.0	75.6	100.8
cal 6	6	✓	100.0	100.6	100.6
cal7	7	✓	250.0	249.2	99.7

Compound Calibration Report

Web

Batch results D:\MassHunter\Data\2025\am 25 - 26\022425\QuantResults\am 26.batch.bin
Last Cal. Update 2/25/2025 7:37 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, 3 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✓	1.0	1.1	112.8
cal 2	2	✓	3.0	2.9	98.0
cal 3	3	✓	5.0	4.8	95.2
cal 4	4	✓	10.0	9.5	94.9
cal 5	5	✓	25.0	24.5	98.0
cal 6	6	✓	50.0	49.9	99.8
cal 7	7	✓	100.0	101.3	101.3