



























Worklist: 6804

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-1606	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1634	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1687	1	COBCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1690	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1705	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1706	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1724	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2024-1784	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-0980	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1062	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1072	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1104	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1114	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1172	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1217	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1367	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1367	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1367	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1367	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1369	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1383	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 6804

8C

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-1384	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1388	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1389	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1393	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1405	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1406	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1418	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2024-1429	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: 05/09/2024

Plate lot#: 231213

Mobile phase A: 10mM Amm Form

Blank Blood Lot: 23A52595

LCMS-QQQ ID: 069901

Analyst: Sarah Collins

Plate Retest Date: 06/13/2024

Mobile phase B: 0.1% Formic Acid in MeOH

Blank Urine Lot: N/A

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

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. **Urine Hydrolysis: 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: #42
- 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: *300uL*
- 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).**
- 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:

SC



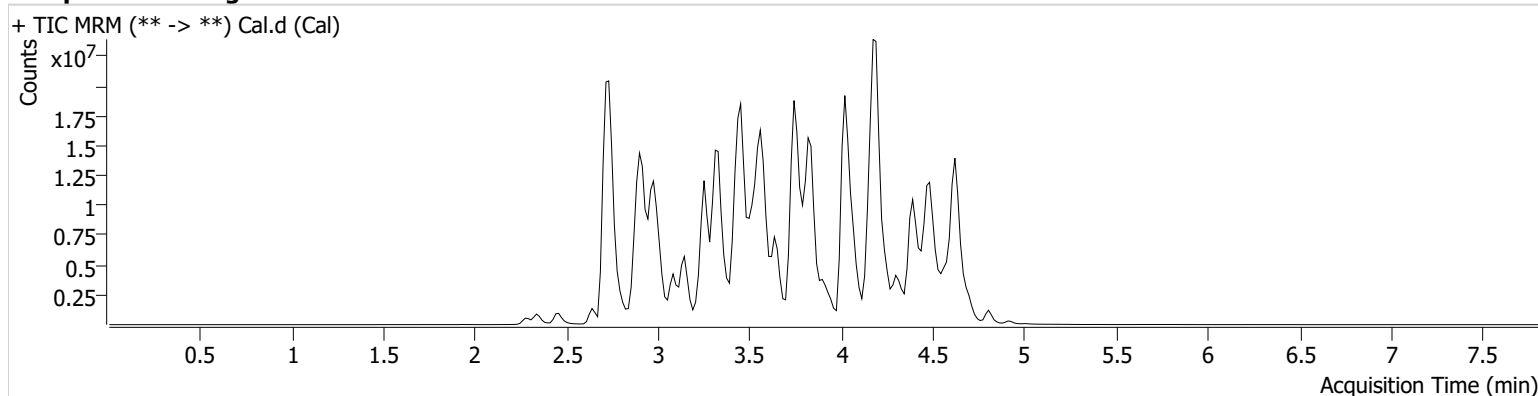
AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 25.batch.bin
Calibration Last Update 5/10/2024 11:42:44 AM

Instrument Falco (069901) **Data File** Cal.d
Type Cal **Sample** Cal
Acq. Method AM 25 MDS.m **Operator** Sarah Collins
Sample Position P2-A1 **Comment**
Injection Volume 5
Acq. Date-Time 5/9/2024 4:33:16 PM
Sample Info.

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	3.749	3141193	192.46	163.77	28741144	10.0000
6-MAM	2.897	60018	27499.51	27174.50	2730526	10.0000
7-aminoclonazepam	3.546	1488411	1886.78	1269.37	10251513	10.0000
7-aminoflunitrazepam	3.746	4867588	20077.52	22782.04	10251513	10.0000
9-Hydroxyrisperidone	3.831	7205974	1071.25	102737.9	28187723	10.0000
Acetyl Fentanyl	3.804	130630	64996.99	26294.60	37546871	10.0000
Acetyl Norfentanyl	2.905	380278	332.54	531.13	37546871	10.0000
a-hydroxyalprazolam	4.483	328357	855.19	25971.25	10251513	10.0000
alpha-hydroxymidazolam	4.558	3029642	333.11	10000.28	10251513	10.0000
Alpha-PHP	3.811	2444974	3776.98	1579.54	37546871	10.0000
alpha-PVP	3.535	3527812	1412.17	388.32	9707147	10.0000
Alprazolam	4.578	3460851	2027.26	326.41	25273087	10.0000
Amitriptyline	4.427	318415	34.00	177.02	1327069	10.0000
Amphetamine	2.924	2091848	849.89	1993.22	9707147	10.0000
Benzoyllecgonine	3.360	105071	131.80	18810.67	635766	10.0000
Bromazolam	4.650	1481254	4608.56	847553.1	25273087	10.0000
Brompheniramine	4.036	33370	11431.27	2843.68	34646522	10.0000
Buprenorphine	4.416	17088	6.24	3657.81	1394477	10.0000
Bupropion	3.750	3310784	538.71	1104317.34	14415763	10.0000
Carbamazepine	4.214	17029306	3600.47	1341.28	522574	10.0000
Carisoprodol	4.197	1790910	1033.67	160.14	15602155	10.0000
Chlordiazepoxide	4.687	1455025	615.35	291.64	25273087	10.0000
Chlorpheniramine	3.948	3886147	251.75	13.35	4927192	10.0000
Chlorpromazine	4.607	309995	414.72	1440.31	1886116	10.0000
Citalopram	4.051	1582597	490.45	108.69	34646522	10.0000
Clomipramine	4.623	400044	1749.75	915.91	34646522	10.0000
Clonazepam	4.407	2034813	2315483.95	2152.78	522574	10.0000
Clonazolam	4.327	1933979	849665.87	478520.2	25273087	10.0000
Clozapine	4.251	1291499	744.52	749.57	6807483	10.0000

Cal

Generated at 12:55 PM on 5/10/2024

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AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cocaethylene	3.774	4425585	3437599.39	739030.0 0	32193770	10.0000
Cocaine	3.560	4213369	1697404.03	1371.61	32193770	10.0000
Codeine	2.794	467877	128839.23	2333.73	14120347	10.0000
Cyclobenzaprine	4.335	468094	187.37	∞	1327069	10.0000
Desipramine	4.367	737025	627.97	453.92	1327069	10.0000
Dextromethorphan	4.073	694054	225.27	681.32	4927192	10.0000
Dextrorphan	3.378	2224874	481.09	358.16	4927192	10.0000
Diazepam	4.811	1555176	2112.01	236.41	25273087	10.0000
Dihydrocodeine	2.746	1188218	1449.62	511.05	14120347	10.0000
Diphenhydramine	4.026	4752850	7485.67	125621.4 7	34646522	10.0000
DMT	2.983	582765	2147.18	6796.19	4927192	10.0000
Doxepin	4.133	476968	107.34	19.57	15425632	10.0000
Doxylamine	3.639	9432300	39782.57	20810477 .26	4927192	10.0000
Duloxetine	4.318	15711	11101.48	4387.78	258550	10.0000
EDDP	4.072	113481	34.62	41.71	938157	10.0000
Estazolam	4.502	7394635	2678.07	1349.93	25273087	10.0000
Etizolam	4.589	511616	3260.19	782335.1 4	25273087	10.0000
Fentanyl	4.034	78231	56.99	38118.95	5397227	10.0000
Flualprazolam	4.452	1466651	947825.10	1075598. 36	25273087	10.0000
Flunitrazepam	4.515	4471898	1110.79	1862.13	25273087	10.0000
Fluorofentanyl	4.064	109392	37028.96	165.34	5397227	10.0000
Fluoxetine	4.316	459946	644.56	15.75	1056453	10.0000
Flurazepam	4.140	1649984	161117.82	399.79	25273087	10.0000
Hydrocodone	2.992	1845069	927.59	763.75	14120347	10.0000
Hydromorphone	2.460	1615229	575.92	435.37	408965	10.0000
Hydroxyzine	4.464	959205	1070.77	413.77	6807483	10.0000
Imipramine	4.380	1234232	501.60	180.46	1327069	10.0000
Ketamine	3.458	4772993	1682.09	181.08	19014961	10.0000
Lamotrigine	3.563	3036993	2797.50	72818.75	34646522	10.0000
Levamisole	2.951	4053766	2150.49	1054.18	32193770	10.0000
Levetiracetam	2.648	2587655	2717.81	537.84	34646522	10.0000
Lorazepam	4.407	596993	163.16	153.15	25273087	10.0000
Maprotiline	4.412	213345	11.17	343.87	1327069	10.0000
MDA	3.014	2981961	2736.92	5349.99	13464022	10.0000
MDEA	3.228	4869509	568.00	289.30	13464022	10.0000
MDMA	3.090	6130024	16560.66	37482.93	13464022	10.0000
Meperidine	3.595	1958163	291.09	413993.6 0	4927192	10.0000
Meprobamate	3.659	1586249	1364526.48	251.40	15602155	10.0000
Methadone	4.377	2390366	598.05	143.89	938157	10.0000
Methamphetamine	3.016	2596433	828.94	685.91	13464022	10.0000
Methocarbamol	3.549	267085	1156.89	178924.5 6	938157	10.0000
Methylphenidate	3.504	10888885	1287.39	35.37	14446751	10.0000
Metoprolol	3.439	968027	550.67	72434.82	4927192	10.0000
Midazolam	4.698	906718	809.92	194922.1 9	25273087	10.0000
Mirtazapine	3.840	2406995	1927.36	4616.81	4927192	10.0000
Mitragynine	4.140	148137	51862.30	579.89	4927192	10.0000
Morphine	2.278	391394	861.57	307.82	408965	10.0000
Norbuprenorphine	3.816	38108	31419.11	51813.82	1394477	10.0000
Nordiazepam	4.659	2374598	2606.41	1614.77	25273087	10.0000
Norfentanyl	3.334	8519446	1290.97	50.49	37546871	10.0000
Norhydrocodone	2.932	183669	215.58	80.23	408965	10.0000
Norketamine	3.520	787008	266.66	7464.83	19014961	10.0000
Normeperidine	3.612	1463481	5510.66	118.55	34646522	10.0000

SC



AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Noroxycodone	2.884	1492615	∞	123.45	19014961	10.0000
Nortriptyline	4.413	289857	1177.68	159.13	1327069	10.0000
O-desmethyl-tramadol	2.918	11321624	1457.18	532.11	34646522	10.0000
O-desmethylvenlafaxine	3.254	2306980	1227.78	41321.94	13871154	10.0000
Olanzapine	3.282	8496	4070.96	2283.47	522574	10.0000
Oxazepam	4.487	2507270	598.12	749.17	20294974	10.0000
Oxycodone	2.913	3653999	605.01	1722.08	19014961	10.0000
Oxymorphone	2.336	1669662	∞	1177.09	408965	10.0000
Paroxetine	4.328	78014	61.58	21670.58	1056453	10.0000
Phenazepam	4.604	3085812	1022044.55	439453.0 5	25273087	10.0000
Phencyclidine	3.904	4441921	881.26	347.13	4927192	10.0000
Phentermine	3.169	1096137	62.59	116.06	14446751	10.0000
Phenytoin	4.105	1061725	786.75	282.53	522574	10.0000
Primidone	3.459	15767675	28357.90	900.85	522574	10.0000
Promethazine	4.318	1191354	140.20	367.09	34646522	10.0000
Pseudoephedrine	2.740	59655065	661.53	9517.06	13464022	10.0000
Quetiapine	4.387	3032272	3613.26	2240.10	43025084	10.0000
Risperidone	4.016	2770484	1926492.01	210.49	28187723	10.0000
Sertraline	4.548	196220	26690.01	268.65	1056453	10.0000
Sufentanil	4.341	40617	247.54	4529.19	37546871	10.0000
Tapentadol	3.444	6451567	1145.50	349.86	19014961	10.0000
Temazepam	4.641	5457784	677.16	197.34	25273087	10.0000
Topiramate	3.834	820043	728158.26	237860.2 9	411446	10.0000
Tramadol	3.424	22626271	716.46	64.42	34646522	10.0000
Trazodone	4.434	3631574	791024.87	350.93	15425632	10.0000
Venlafaxine	3.808	7215671	1522.22	75.36	13871154	10.0000
Xylazine	3.382	1872852	681.55	61.05	19014961	10.0000
Zaleplon	4.301	4045810	2379040.50	1573.92	43025084	10.0000
Zolpidem	4.177	13220642	6105893.12	1839876. 43	43025084	10.0000
Zopiclone	4.017	1409674	866991.47	1324.91	7257057	10.0000

SC



AM #25 Multi-Drug Screen. Results

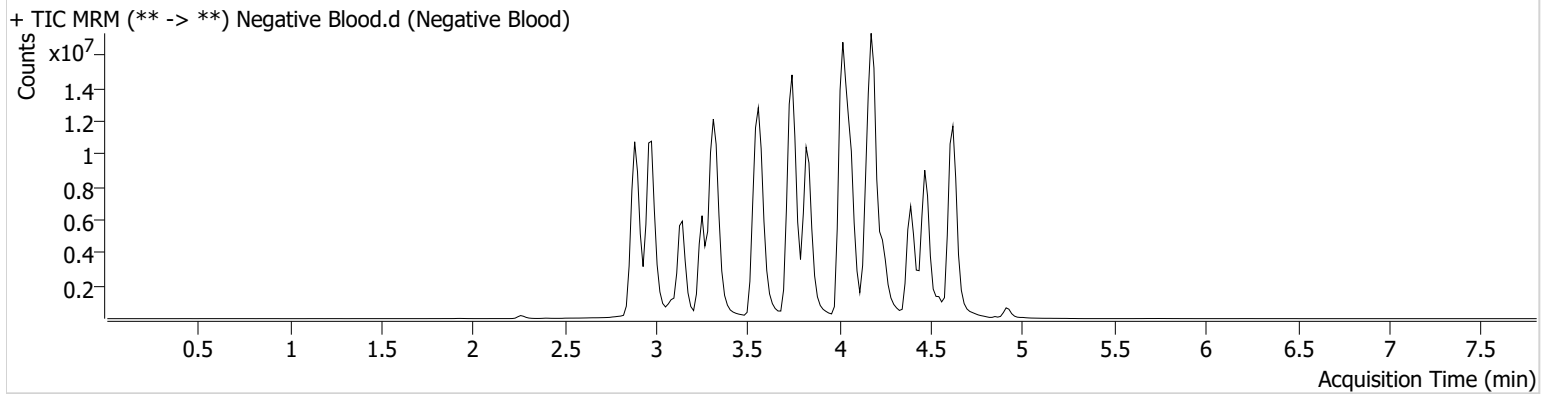
Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 25.batch.bin
Calibration Last Update 5/10/2024 11:42:44 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 25 MDS.m
Sample Position P2-E1
Injection Volume 5
Acq. Date-Time 5/9/2024 4:41:50 PM
Sample Info.

Data File Negative Blood.d
Sample Negative Blood
Operator Sarah Collins
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: 05/09/2024

Plate lot#: 231212

Mobile phase A: 10mM Amm Form in LCMS Water

Blank Blood Lot: Lampire 23A52595

LCMS-QQQ ID: 069901

Analyst: Sarah Collins

Retest Date: 06/12/2024

Mobile phase B: 0.1% Formic acid in MeOH

Blank Urine Lot: N/A

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

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. **Urine hydrolysis: 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: [Click here to enter text. 3382167](#)
- 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: 800uL
- 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, 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:

8C

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_2	m2024-1724-1	p2024-1217-2*	p2024-1388-1*	m2024-1690-1
B	IS + Cal. 2	negative blood	m2024-1784-2	p2024-1367-1	p2024-1389-1	p2024-1217-2
C	IS + Cal. 3	m2024-1606-1*	p2024-0980-1	p2024-1367-2	p2024-1393-1*	p2024-1384-1
D	IS + Cal. 4	m2024-1634-1	p2024-1062-1	p2024-1367-3	p2024-1405-2	p2024-1388-1
E	IS + Cal. 5	m2024-1687-1	p2024-1072-1	p2024-1367-4	p2024-1406-1	p2024-1393-1
F	IS + Cal. 6	m2024-1690-1*	p2024-1104-1	p2024-1369-1	p2024-1418-3	
G	IS + Cal. 7	m2024-1705-1	p2024-1114-1	p2024-1383-1	p2024-1429-1	
H	IS + QC_1	m2024-1706-1	p2024-1172-1	p2024-1384-1*	m2024-1606-1	

All wells to contain 100 µl of residual DMSO

*Moved during analytical step 6 due to blood clot

SC

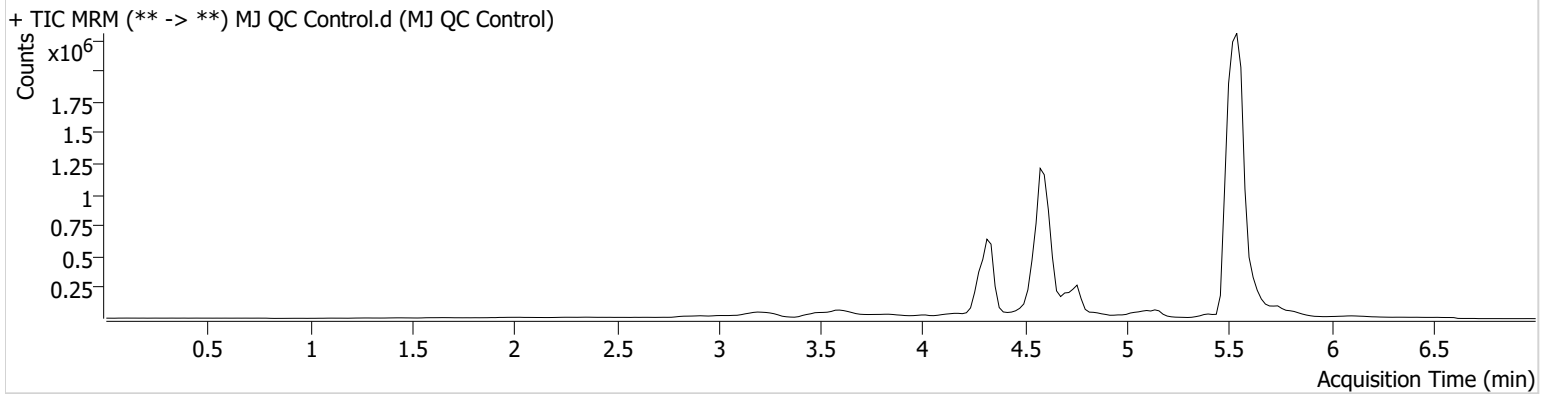


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Calibration Last Update 5/10/2024 12:54:36 PM

Instrument	Falco (069901)	Data File	MJ QC Control.d
Type	QC	Sample	MJ QC Control
Acq. Method	AM 26 THC.m	Operator	Sarah Collins
Sample Position	P1-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	10		
Acq. Date-Time	5/9/2024 11:56:25 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.489	8297	297485	5.01 ng/ml
THC-COOH	4.616	973766	3846116	16.85 ng/ml
THC-OH	4.342	26627	2860447	4.88 ng/ml

SC

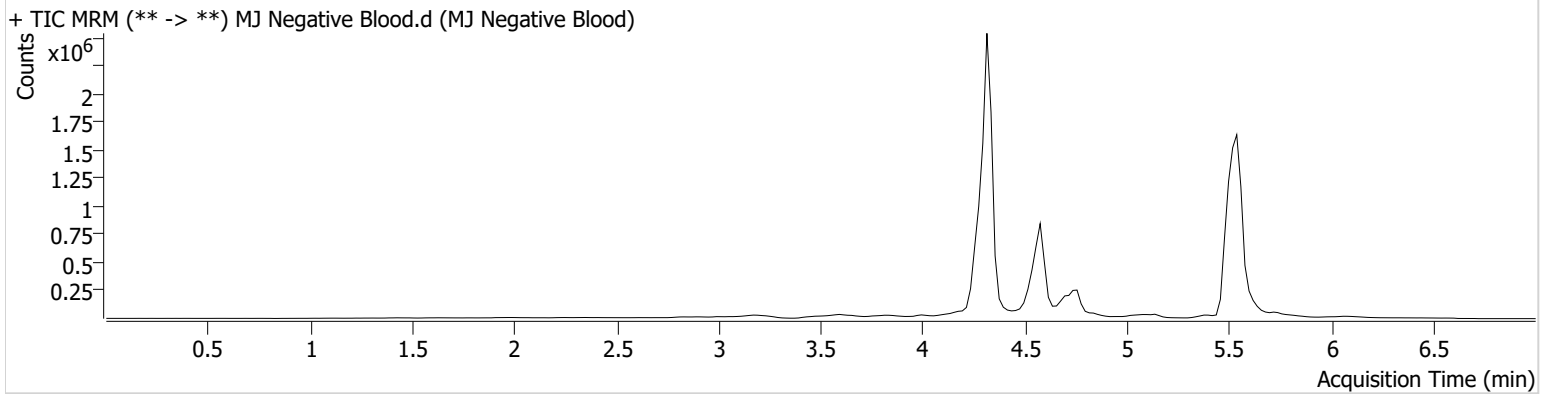


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Calibration Last Update 5/10/2024 12:54:36 PM

Instrument	Falco (069901)	Data File	MJ Negative Blood.d
Type	Sample	Sample	MJ Negative Blood
Acq. Method	AM 26 THC.m	Operator	Sarah Collins
Sample Position	P1-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	10		
Acq. Date-Time	5/9/2024 12:11:37 PM		
Sample Info.			

Sample Chromatogram

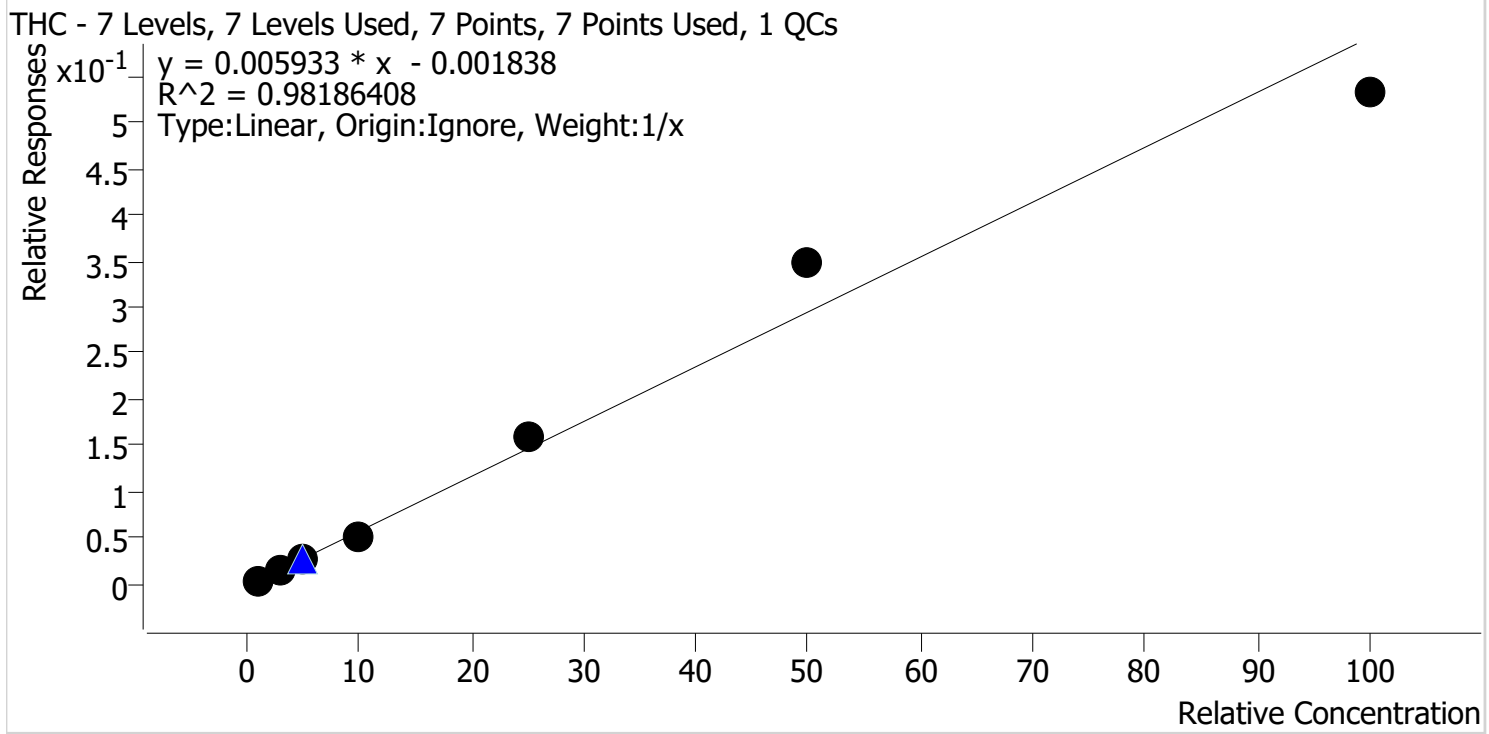


SC



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Last Cal. Update 5/10/2024 12:54 PM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.0	99.6
MJ Cal 2	2	✓	3.0	2.9	96.2
MJ Cal 3	3	✓	5.0	4.9	98.8
MJ Cal 4	4	✓	10.0	8.8	87.7
MJ Cal 5	5	✓	25.0	27.4	109.6
MJ Cal 6	6	✓	50.0	59.1	118.2
MJ Cal 7	7	✓	100.0	89.9	89.9

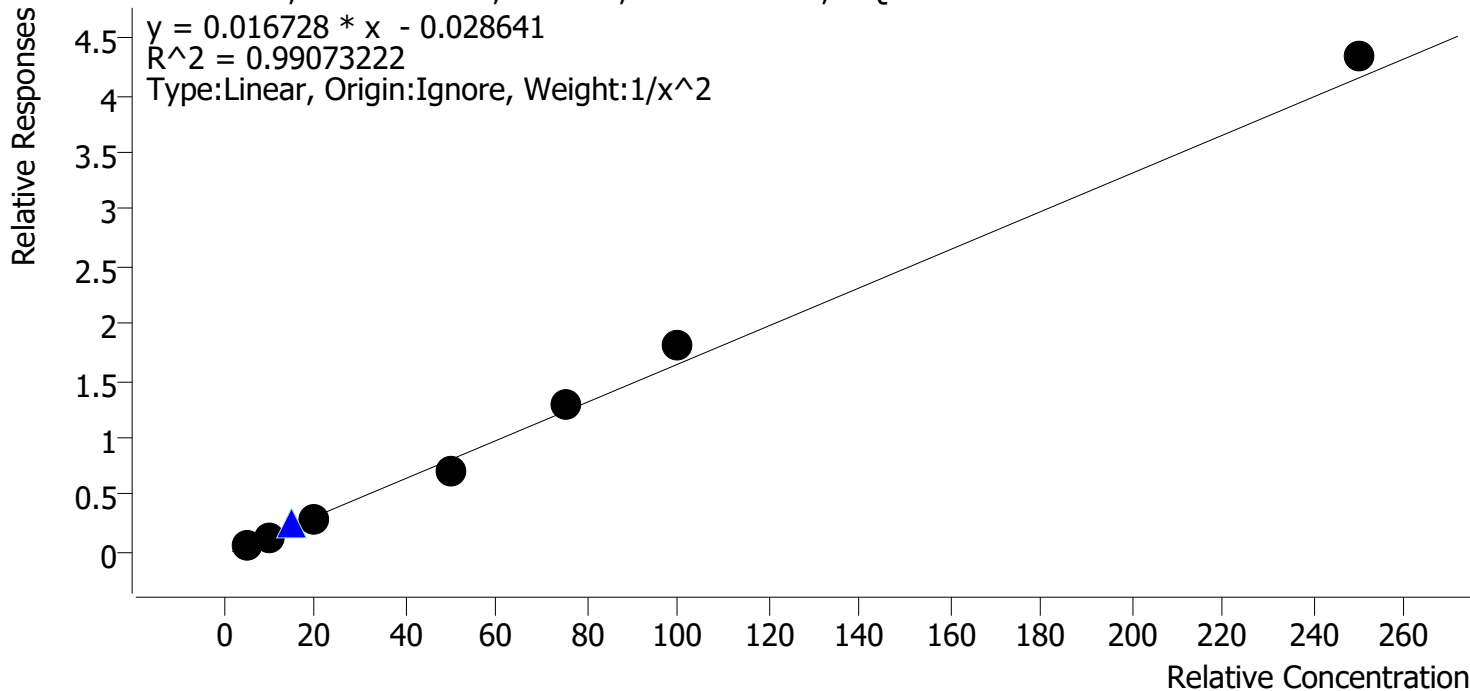
SC



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Last Cal. Update 5/10/2024 12:54 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, 1 QCs



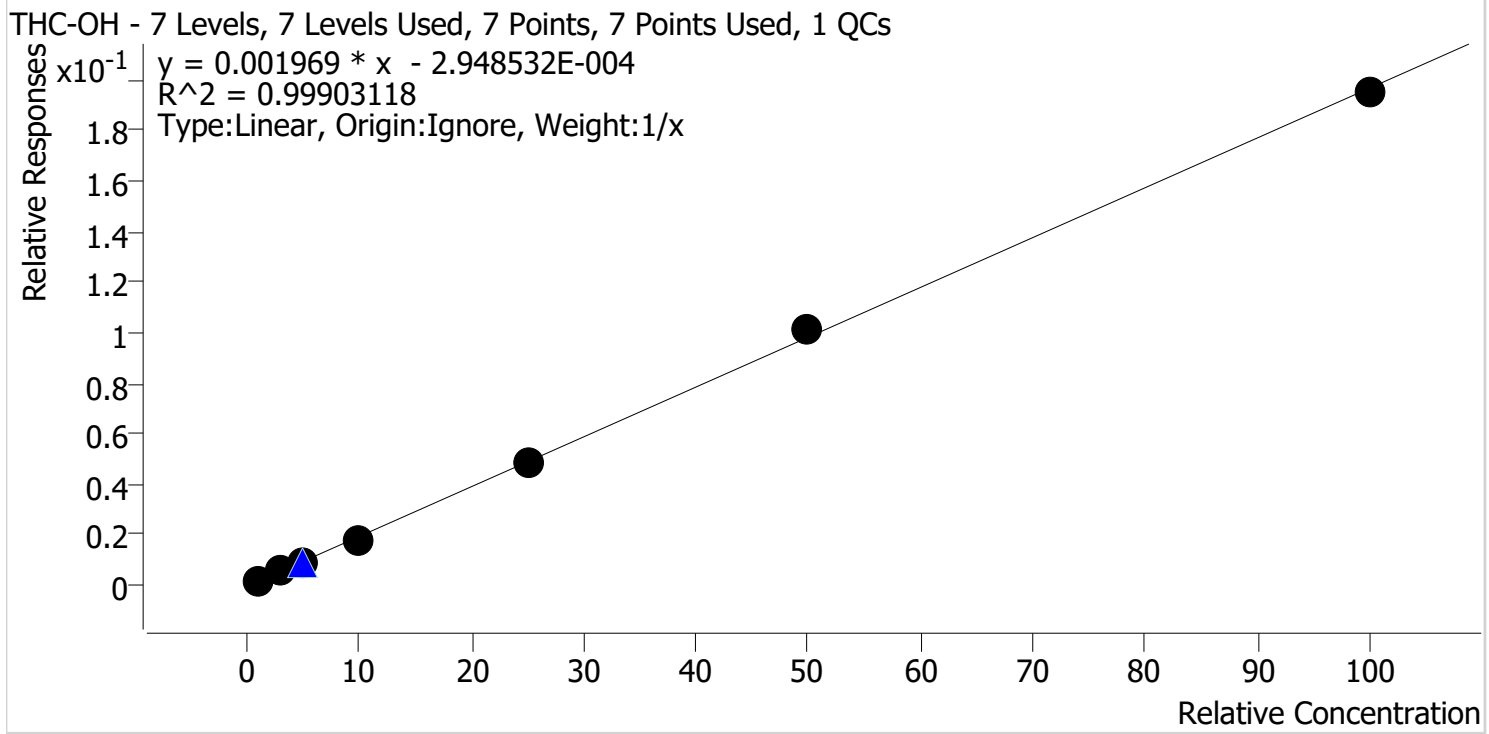
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.3	105.4
MJ Cal 2	2	✓	10.0	9.3	93.0
MJ Cal 3	3	✓	20.0	18.6	92.9
MJ Cal 4	4	✓	50.0	44.8	89.5
MJ Cal 5	5	✓	75.0	78.8	105.1
MJ Cal 6	6	✓	100.0	109.7	109.7
MJ Cal 7	7	✓	250.0	261.1	104.4

SC



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Last Cal. Update 5/10/2024 12:54 PM
Analyst Name ISP\datastor
Analyte THC-OH **Internal Standard** THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	1.1	113.3
MJ Cal 2	2	✓	3.0	2.9	96.7
MJ Cal 3	3	✓	5.0	4.7	93.6
MJ Cal 4	4	✓	10.0	9.4	93.6
MJ Cal 5	5	✓	25.0	25.0	100.0
MJ Cal 6	6	✓	50.0	51.9	103.7
MJ Cal 7	7	✓	100.0	99.1	99.1

SC



AM #26 Cannabinoids Screen Results

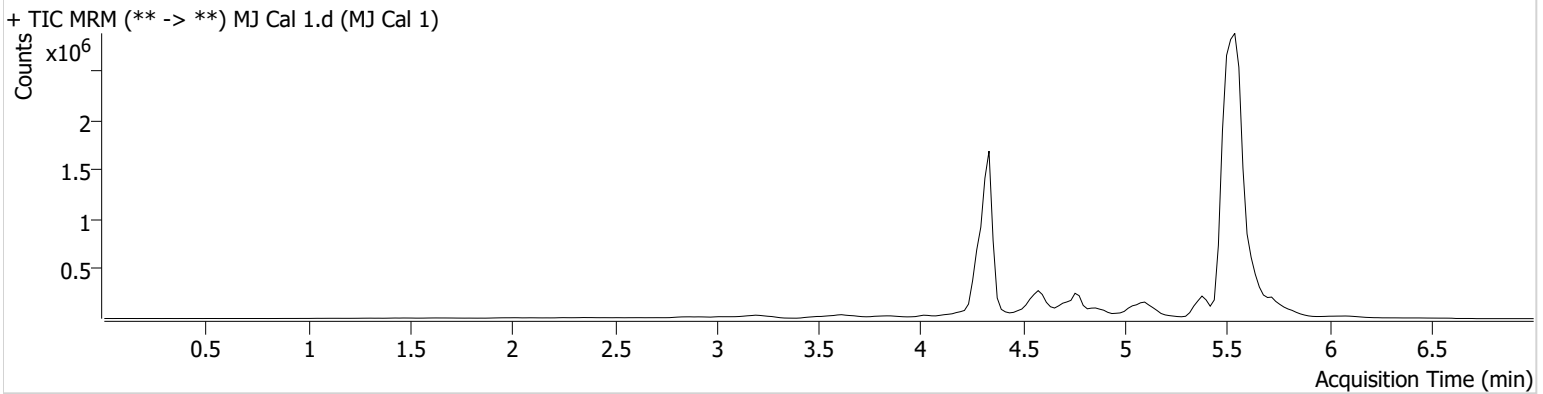
Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Calibration Last Update 5/10/2024 12:54:36 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-A1
Injection Volume 10
Acq. Date-Time 5/9/2024 11:03:16 AM
Sample Info.

Data File MJ Cal 1.d
Sample MJ Cal 1
Operator Sarah Collins
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	5.469	3578	878188	1.00 ng/ml Low
THC-COOH	4.616	71344	1198609	5.27 ng/ml
THC-OH	4.342	13791	7124236	1.13 ng/ml Low

SC

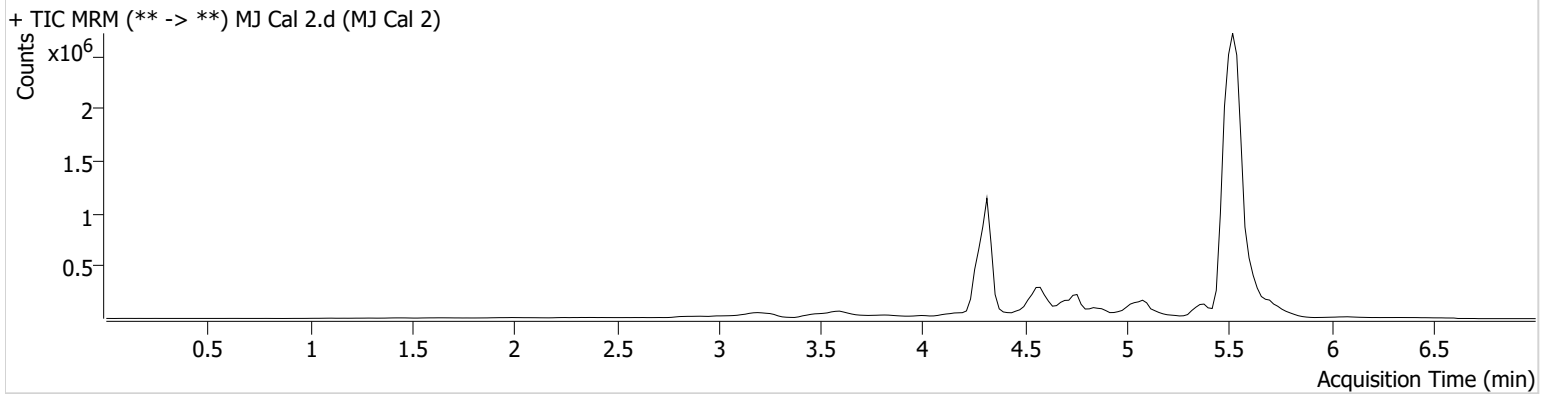


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Calibration Last Update 5/10/2024 12:54:36 PM

Instrument	Falco (069901)	Data File	MJ Cal 2.d
Type	Cal	Sample	MJ Cal 2
Acq. Method	AM 26 THC.m	Operator	Sarah Collins
Sample Position	P1-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	10		
Acq. Date-Time	5/9/2024 11:11:00 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.469	14047	919443	2.88 ng/ml Low
THC-COOH	4.596	144760	1139968	9.30 ng/ml
THC-OH	4.322	25624	4733320	2.90 ng/ml Low

SC



AM #26 Cannabinoids Screen Results

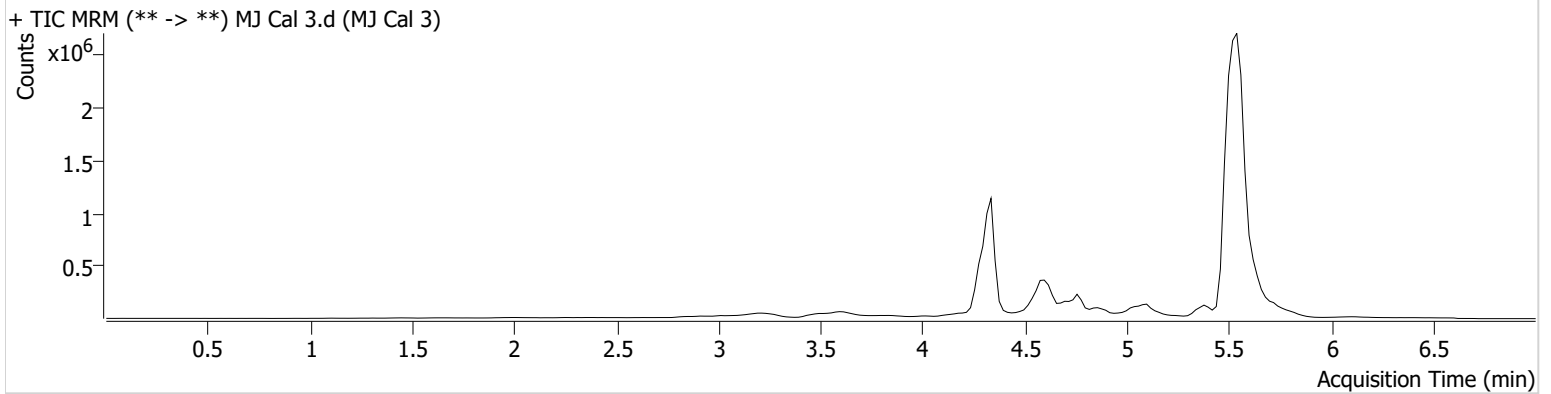
Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Calibration Last Update 5/10/2024 12:54:36 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-C1
Injection Volume 10
Acq. Date-Time 5/9/2024 11:18:36 AM
Sample Info.

Data File MJ Cal 3.d
Sample MJ Cal 3
Operator Sarah Collins
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	5.489	18545	675357	4.94 ng/ml
THC-COOH	4.616	319519	1133021	18.57 ng/ml
THC-OH	4.342	42628	4780104	4.68 ng/ml

SC



AM #26 Cannabinoids Screen Results

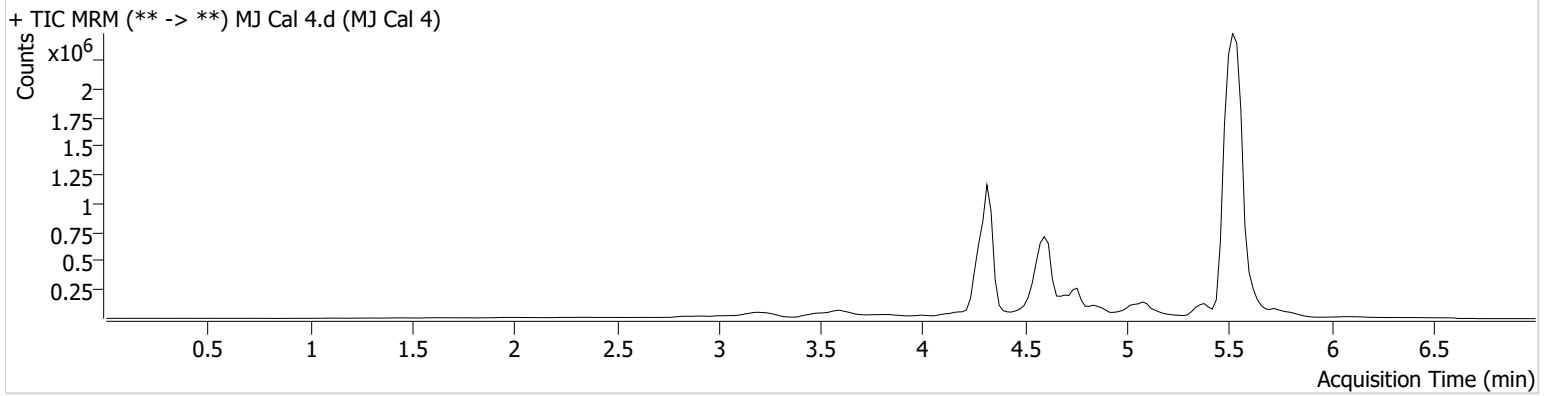
Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Calibration Last Update 5/10/2024 12:54:36 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-D1
Injection Volume 10
Acq. Date-Time 5/9/2024 11:26:09 AM
Sample Info.

Data File MJ Cal 4.d
Sample MJ Cal 4
Operator Sarah Collins
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	5.469	42208	840423	8.77 ng/ml
THC-COOH	4.596	949717	1318558	44.77 ng/ml
THC-OH	4.342	83088	4580986	9.36 ng/ml

SC



AM #26 Cannabinoids Screen Results

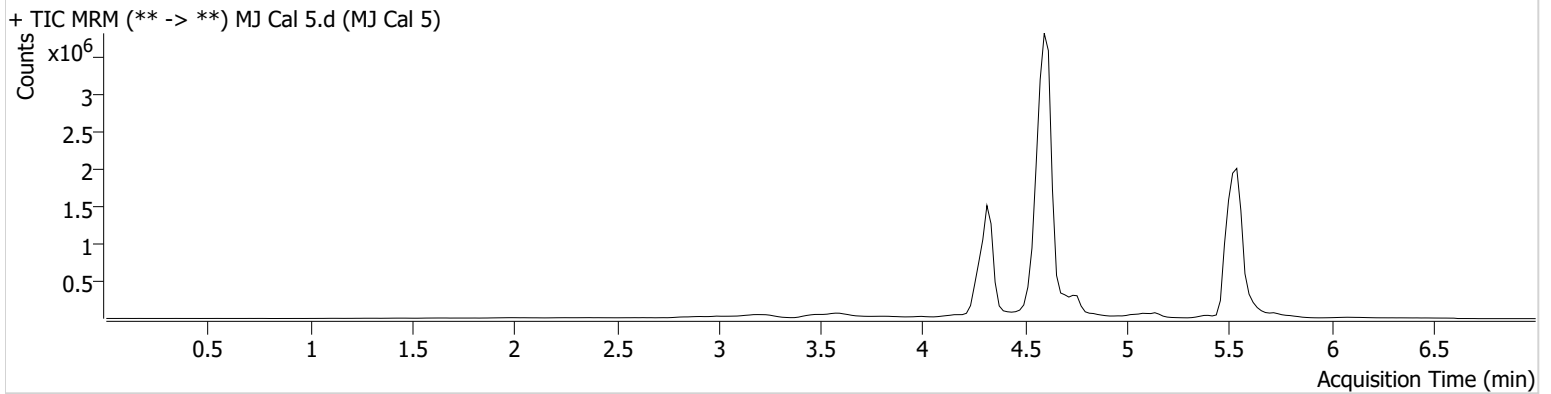
Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Calibration Last Update 5/10/2024 12:54:36 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-E1
Injection Volume 10
Acq. Date-Time 5/9/2024 11:33:43 AM
Sample Info.

Data File MJ Cal 5.d
Sample MJ Cal 5
Operator Sarah Collins
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	5.489	61105	380085	27.41 ng/ml
THC-COOH	4.596	5819051	4512832	78.79 ng/ml
THC-OH	4.342	234276	4786556	25.01 ng/ml

SC



AM #26 Cannabinoids Screen Results

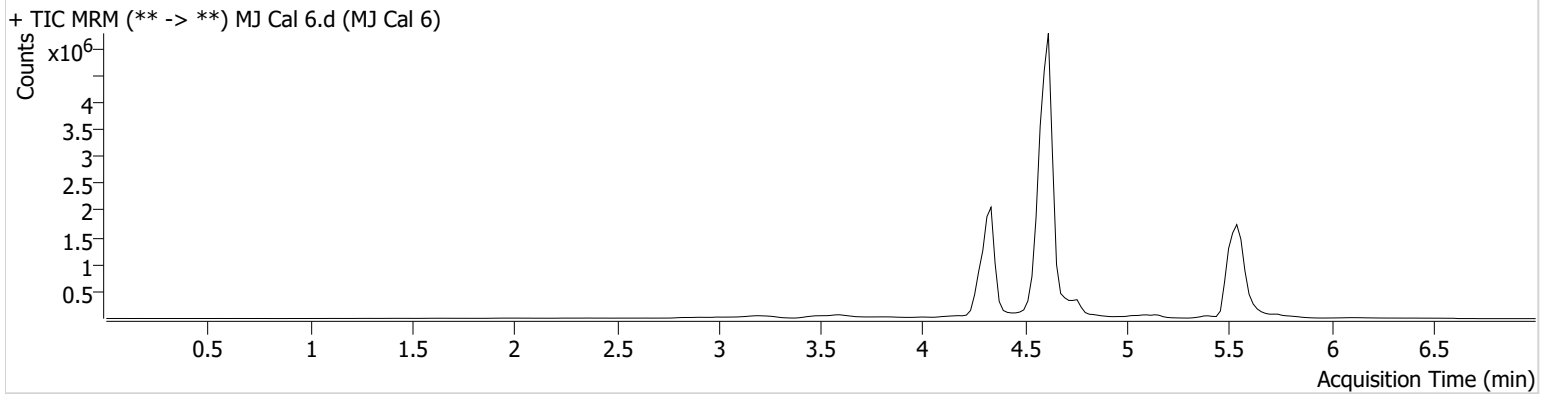
Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Calibration Last Update 5/10/2024 12:54:36 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-F1
Injection Volume 10
Acq. Date-Time 5/9/2024 11:41:17 AM
Sample Info.

Data File MJ Cal 6.d
Sample MJ Cal 6
Operator Sarah Collins
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	5.509	106473	305340	59.08 ng/ml
THC-COOH	4.616	7906131	4377696	109.67 ng/ml
THC-OH	4.342	522590	5133599	51.86 ng/ml

SC



AM #26 Cannabinoids Screen Results

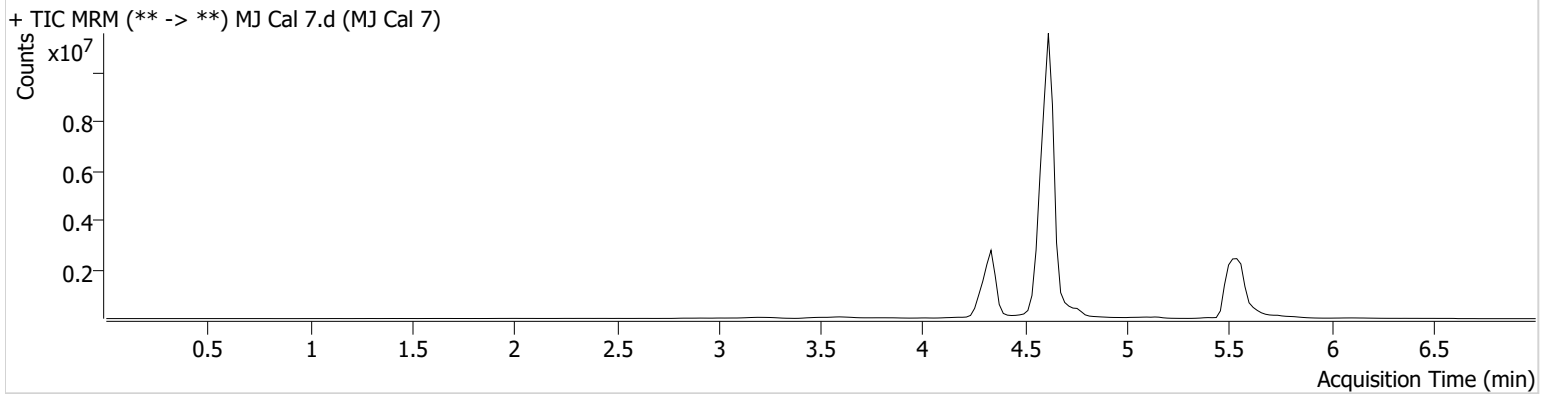
Batch results D:\MassHunter\Data\2024\AM 25 26\050824 AM 25 26 SC\QuantResults\AM 26.batch.bin
Calibration Last Update 5/10/2024 12:54:36 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 26 THC.m
Sample Position P1-G1
Injection Volume 10
Acq. Date-Time 5/9/2024 11:48:51 AM
Sample Info.

Data File MJ Cal 7.d
Sample MJ Cal 7
Operator Sarah Collins
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	5.489	155278	292048	89.92 ng/ml
THC-COOH	4.616	18358344	4231019	261.09 ng/ml
THC-OH	4.342	940317	4829338	99.05 ng/ml