REVIEWED
By Celena Shrum at 9:27 am, May 10, 2024

4/29/2024 TS

Worklist: 6789

	LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
	M2024-1346	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	M2024-1347	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	M2024-1406	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
*	M2024-1490	1	COBCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	M2024-1508	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	M2024-1537	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	M2024-1545	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	M2024-1601	1	COBCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	M2024-1602	1	COBCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	M2024-1628	2	BCK	AM 25 Blood Multi-Drug Screen by LC-QQQ
	P2024-1116	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1123	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1149	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1173	1	BLOOD	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1175	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1192	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1194	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1195	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1202	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1206	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
	P2024-1211	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

*AM 26 unable to be performed due to sample quality.

TS

Worklist: 6789

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2024-1215	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-1216	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-1219	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-1254	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-1313	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-1314	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-1326	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-1328	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-1354	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

TS

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

Extraction Date: 04/30/2024
Analyst: Tamara Salazar
Plate lot#: 231213
Plate Retest Date: 06/13/2024
Mobile phase A: 10mM Amm Form in LCMS Water
Mobile phase B: 0.1% Formic Acid in MeOH
Blank Blood Lot: Lampire 23A52595
Blank Urine Lot: N/A
LCMS-QQQ ID: 069901
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 or 250µL hydrolyzed urine in 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: *250uL*
☒ 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.
☒ 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
☒ 17. 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: Initial AM 25 injections showed signs of ion suppression. The samples were reinjected after the suppression was cleared. The reinjection data was used for evaluation.

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1314-1	P2024-1202-1	P2024-1116-1	M2024-1406-1
B	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1313-1	P2024-1195-1	M2024-1628-2	M2024-1347-1
C	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1254-1	P2024-1194-1	M2024-1602-1	M2024-1346-1
D	IS + Control 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1219-1	P2024-1192-1	M2024-1601-1	Neg
E	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	M2024-1508-1	P2024-1216-1	P2024-1175-1	M2024-1545-3	IS + Control 1
F	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1354-1	P2024-1215-1	P2024-1173-1	M2024-1537-2	IS + Control 1
G	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1328-1	P2024-1211-1	P2024-1149-1	IS + Sample	IS + Cal. 1
H	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2024-1326-1	P2024-1206-1	P2024-1123-2	M2024-1490-1	IS + Cal. 1

All wells to contain 60 µl of residual DMSO

TS

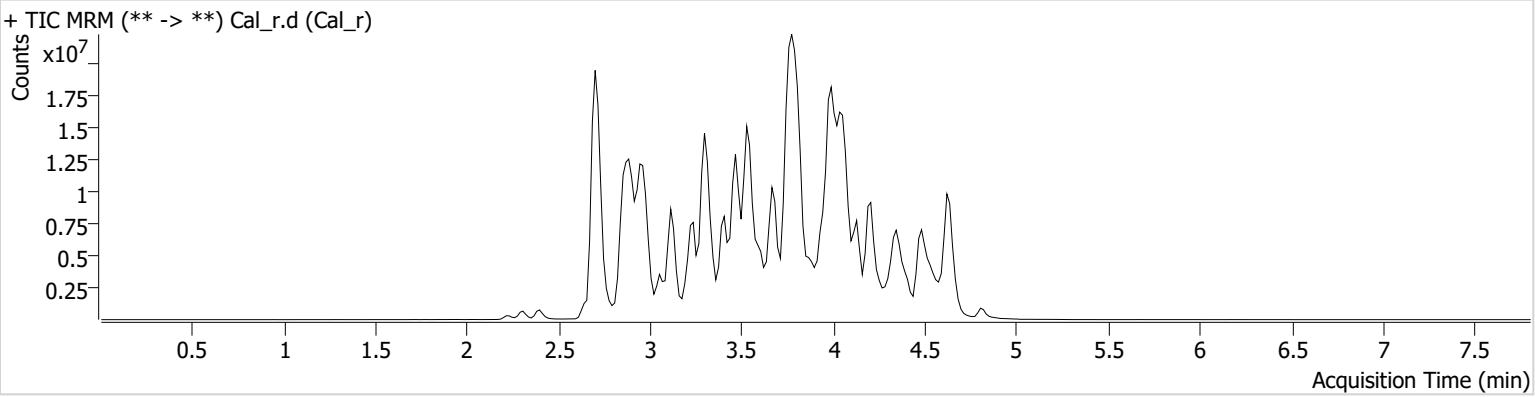
AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS_reinjects\QuantResults\AM 25.batch.bin
Calibration Last Update 5/9/2024 10:52:53 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 25 MDS.m
Sample Position P2-H12
Injection Volume 5
Acq. Date-Time 5/1/2024 12:09:14 PM
Sample Info.

Data File Cal_r.d
Sample Cal_r
Operator Tamara Salazar
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	3.749	2072166	66.94	481.93	20244768	10.0000
6-MAM	2.836	42952	18146.10	10536.77	1937730	10.0000
7-aminoclonazepam	3.546	956671	199.43	278235.50	5513249	10.0000
7-aminoflunitrazepam	3.746	1810097	445.24	2008.57	5513249	10.0000
9-Hydroxyrisperidone	3.769	6914344	5345659.87	78268.96	27152179	10.0000
Acetyl Fentanyl	3.711	257015	115.69	153786.92	30295584	10.0000
Acetyl Norfentanyl	2.874	270192	527.84	65.69	30295584	10.0000
a-hydroxyalprazolam	4.483	190694	32273.98	38486.89	5513249	10.0000
alpha-hydroxymidazolam	4.528	1582652	294.45	430.50	5513249	10.0000
Alpha-PHP	3.750	2184191	11123.08	1089.59	30295584	10.0000
alpha-PVP	3.489	3088834	1043.31	612.06	12948003	10.0000
Alprazolam	4.578	1881954	210.21	1261.96	17943053	10.0000
Amitriptyline	4.366	772495	105.29	130.24	3536778	10.0000
Amphetamine	2.894	3143974	758.13	573.12	12948003	10.0000
Benzoylecgonine	3.360	85151	37105.94	129.42	442231	10.0000
Bromazolam	4.650	937824	13421.52	8334.89	17943053	10.0000
Brompheniramine	3.990	72502	315.87	575.49	42376066	10.0000
Buprenorphine	4.062	33320	23180.77	3118.17	2102363	10.0000
Bupropion	3.688	4022642	405.79	1022.61	17239102	10.0000
Carbamazepine	4.214	9491345	∞	1567.75	240936	10.0000
Carisoprodol	4.213	1326185	321633.49	149.85	10929520	10.0000
Chlordiazepoxide	4.656	824736	568.53	192.94	17943053	10.0000
Chlorpheniramine	3.901	6199722	1512.06	108.96	9894352	10.0000
Chlorpromazine	4.546	443518	194077.42	175.12	2542802	10.0000
Citalopram	4.020	2480099	801.10	947.46	42376066	10.0000
Clomipramine	4.562	654823	20350.21	620.25	42376066	10.0000
Clonazepam	4.407	1330059	668.83	275161.43	240936	10.0000
Clonazolam	4.342	837259	1089.36	107106.89	17943053	10.0000
Clozapine	4.128	2588155	1638.35	1393.61	13878038	10.0000

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AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cocaethylene	3.743	3175324	928782.11	16818.62	29367897	10.0000
Cocaine	3.528	3666954	2904014.20	12631.52	29367897	10.0000
Codeine	2.732	266692	7020.13	33881.97	9439416	10.0000
Cyclobenzaprine	4.289	1277004	858.97	59.63	3536778	10.0000
Desipramine	4.336	1886333	365.27	1495.70	3536778	10.0000
Dextromethorphan	4.025	1330945	199.13	245169.86	9894352	10.0000
Dextrorphan	3.347	1889092	∞	952.24	9894352	10.0000
Diazepam	4.811	1205004	465.35	560.23	17943053	10.0000
Dihydrocodeine	2.701	756909	519.61	489.74	9439416	10.0000
Diphenhydramine	3.996	8025853	2195.02	306954.78	42376066	10.0000
DMT	2.952	535711	1228.32	510.93	9894352	10.0000
Doxepin	4.102	1403007	222.57	46.91	20271497	10.0000
Doxylamine	3.608	7242966	910.14	3653491.15	9894352	10.0000
Duloxetine	4.286	27855	19030.28	5965.50	433023	10.0000
EDDP	4.040	244912	138.92	91.37	1849788	10.0000
Estazolam	4.502	4028554	436.04	718.90	17943053	10.0000
Etizolam	4.589	285101	233836.49	706.27	17943053	10.0000
Fentanyl	3.942	219603	98.15	1437.97	15617832	10.0000
Flualprazolam	4.452	926284	488617.74	305661.97	17943053	10.0000
Flunitrazepam	4.531	1967210	25340.76	353.16	17943053	10.0000
Fluorofentanyl	3.972	329415	67482.88	1457.30	15617832	10.0000
Fluoxetine	4.300	870786	438154.03	50.59	873130	10.0000
Flurazepam	4.063	2222389	2700.55	431.15	17943053	10.0000
Hydrocodone	2.916	1335948	602.86	368.78	9439416	10.0000
Hydromorphone	2.399	1181865	831.64	29.38	307435	10.0000
Hydroxyzine	4.387	2172944	139492.06	500.54	13878038	10.0000
Imipramine	4.334	3726083	731.16	786.01	3536778	10.0000
Ketamine	3.318	3196554	2996.03	109.92	13017278	10.0000
Lamotrigine	3.487	3140897	2163.46	2794.48	42376066	10.0000
Levamisole	2.890	2499494	770.13	184.36	29367897	10.0000
Levetiracetam	2.648	2197780	1130.06	335.50	42376066	10.0000
Lorazepam	4.407	342267	655.14	179.48	17943053	10.0000
Maprotiline	4.366	583305	115.73	160.06	3536778	10.0000
MDA	2.983	2846004	241.82	233.34	27918626	10.0000
MDEA	3.213	4635228	907.24	606.67	27918626	10.0000
MDMA	3.059	5690501	990.34	761.55	27918626	10.0000
Meperidine	3.549	2405861	15243.18	232.28	9894352	10.0000
Meprobamate	3.659	1214187	440.68	298.02	10929520	10.0000
Methadone	4.347	4843658	356.00	1612.96	1849788	10.0000
Methamphetamine	2.985	6583723	198.64	5333.31	27918626	10.0000
Methocarbamol	3.565	603124	305.87	204.48	1849788	10.0000
Methylphenidate	3.473	9156752	182.68	1492.57	21912408	10.0000
Metoprolol	3.409	761463	328.73	9665.13	9894352	10.0000
Midazolam	4.529	581014	1124.44	358244.39	17943053	10.0000
Mirtazapine	3.655	2823601	260737.10	3964.78	9894352	10.0000
Mitragynine	4.078	371308	200335.56	547439.38	9894352	10.0000
Morphine	2.233	280432	5.08	180.51	307435	10.0000
Norbuprenorphine	3.785	82148	46191.31	186279.21	2102363	10.0000
Nordiazepam	4.674	1396515	279.29	380.18	17943053	10.0000
Norfentanyl	3.304	6214707	1811.03	450.40	30295584	10.0000
Norhydrocodone	2.902	107679	701.91	32.11	307435	10.0000
Norketamine	3.319	666090	293.30	5834.03	13017278	10.0000
Normeperidine	3.581	2749810	2101.08	624.61	42376066	10.0000
Noroxycodone	2.854	1101725	∞	151.89	13017278	10.0000

TS

AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Nortriptyline	4.367	567396	580.22	313.09	3536778	10.0000
O-desmethyl-tramadol	2.903	6899534	3386.40	869.12	42376066	10.0000
O-desmethylvenlafaxine	3.239	1490707	158.94	4764.84	8831317	10.0000
Olanzapine	3.497	868368	278148.60	141.26	240936	10.0000
Oxazepam	4.487	1513046	312.21	139.78	12853566	10.0000
Oxycodone	2.868	2415431	609.20	75043.43	13017278	10.0000
Oxymorphone	2.305	1261243	∞	506.88	307435	10.0000
Paroxetine	4.282	163656	29.76	19746.57	873130	10.0000
Phenazepam	4.619	2533649	3228.58	1493.83	17943053	10.0000
Phencyclidine	3.873	5184852	1039.37	913.44	9894352	10.0000
Phentermine	3.138	1762908	57.26	18.78	21912408	10.0000
Phenytoin	4.105	462688	274.80	65.96	240936	10.0000
Primidone	3.459	9061969	24482.52	2101.08	240936	10.0000
Promethazine	4.256	3564778	643.27	256.96	42376066	10.0000
Pseudoephedrine	2.709	51895582	6233.93	2080.25	27918626	10.0000
Quetiapine	4.218	3633612	1073.59	2147930.71	31669032	10.0000
Risperidone	3.955	4521182	37832.76	1061.60	27152179	10.0000
Sertraline	4.517	160396	91045.10	1164.83	873130	10.0000
Sufentanil	4.202	123144	57928.67	135.05	30295584	10.0000
Tapentadol	3.428	4928597	715.37	257.26	13017278	10.0000
Temazepam	4.641	3589407	297.19	123.90	17943053	10.0000
Topiramate	3.834	880662	173.56	869290.23	409237	10.0000
Tramadol	3.393	15841637	∞	44.58	42376066	10.0000
Trazodone	4.079	3979266	3594.61	1626.56	20271497	10.0000
Venlafaxine	3.777	5264775	2895.06	224.40	8831317	10.0000
Xylazine	3.351	2045543	3027.72	42.05	13017278	10.0000
Zaleplon	4.317	2123443	1623424.89	553.03	31669032	10.0000
Zolpidem	3.821	7083554	1276.61	992.80	31669032	10.0000
Zopiclone	3.724	620033	987.54	77744.45	3310243	10.0000

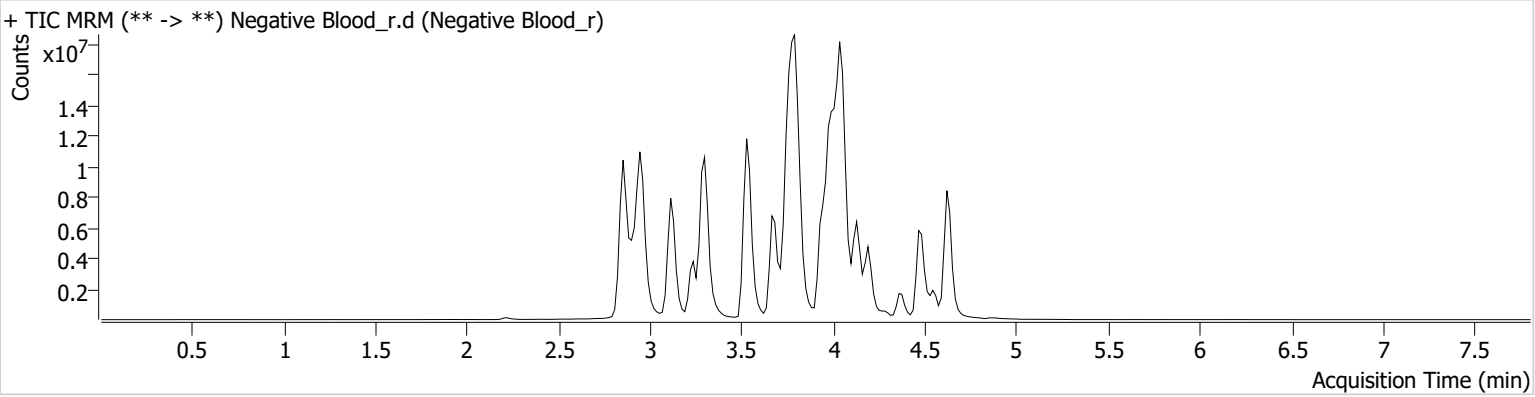
TS

AM #25 Multi-Drug Screen. Results

Batch results	D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS_reinjects\QuantResults\AM 25.batch.bin
Calibration Last Update	5/9/2024 10:52:53 AM

Instrument	Falco (069901)	**Data File**	Negative Blood_r.d
Type	Sample	**Sample**	Negative Blood_r
Acq. Method	AM 25 MDS.m	**Operator**	Tamara Salazar
Sample Position	P2-D12	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	5		
Acq. Date-Time	5/1/2024 10:35:21 AM		
Sample Info.			

Sample Chromatogram



TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2024-1545-3	P2024-1192-1	P2024-1219-1	
B	IS + Cal. 2	Neg Blood	M2024-1601-1	P2024-1194-1	P2024-1254-1	
C	IS + Cal. 3	M2024-1346-1	M2024-1602-1	P2024-1195-1	P2024-1313-1	
D	IS + Cal. 4	M2024-1347-1	P2024-1116-1	P2024-1202-1	P2024-1314-1	
E	IS + Cal. 5	M2024-1406-1	P2024-1123-2	P2024-1206-1	P2024-1326-1	
F	IS + Cal. 6		P2024-1149-1	P2024-1211-1	P2024-1328-1	
G	IS + Cal. 7	M2024-1508-1	P2024-1173-1	P2024-1215-1	P2024-1354-1	
H	IS + QC_1	M2024-1537-2	P2024-1175-1	P2024-1216-1		

All wells to contain 100 µl of residual DMSO

TS

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

Extraction Date: 04/30/2024
Plate lot#: 231212
Mobile phase A: 10mM Amm Form in LCMS Water
Blank Blood Lot: Lampire 23A52595
LCMS-QQQ ID: 069901

Analyst: Tamara Salazar
Plate 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: 42
☒ 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 5. 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.
☒ 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 7. Transfer **700-800µL of blood+acid or urine+acid** mixture to corresponding wells of SLE+ plate. Amount transferred*: 750 µL*
☒ 8. 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)***
☒ 9. Wait 5 minutes.
☒ 10. Add **2.25mL MTBE. (*Add in 3 increments of 750uL)***
☒ 11. Wait 5 minutes.
☒ 12. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 13. Add **2.25mL Hexane. (*Add in 3 increments of 750uL)***
☒ 14. Wait 5 minutes.
☒ 15. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
☒ 17. Reconstitute in **100µL 100% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

☒ 1. Create batch and process data.
☒ 2. Make any necessary integration changes, R^2 values ≥0.98 for each analyte
☒ 3. RT +/- 2% or 0.100 min, whichever is greater
☒ 4. Confirmation testing on case samples with a response for THC and OH-THC of 3ng/mL or greater and/or Carboxy-THC at 10ng/mL or greater (analyst discretion between 5-10ng/mL) may be pursued.
☒ 5. Did all QCs pass for each analyte? (if not, describe in comments section)
☒ 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:. Calibrator 1 failed to inject properly with initial injection. The calibrator was reinjected.

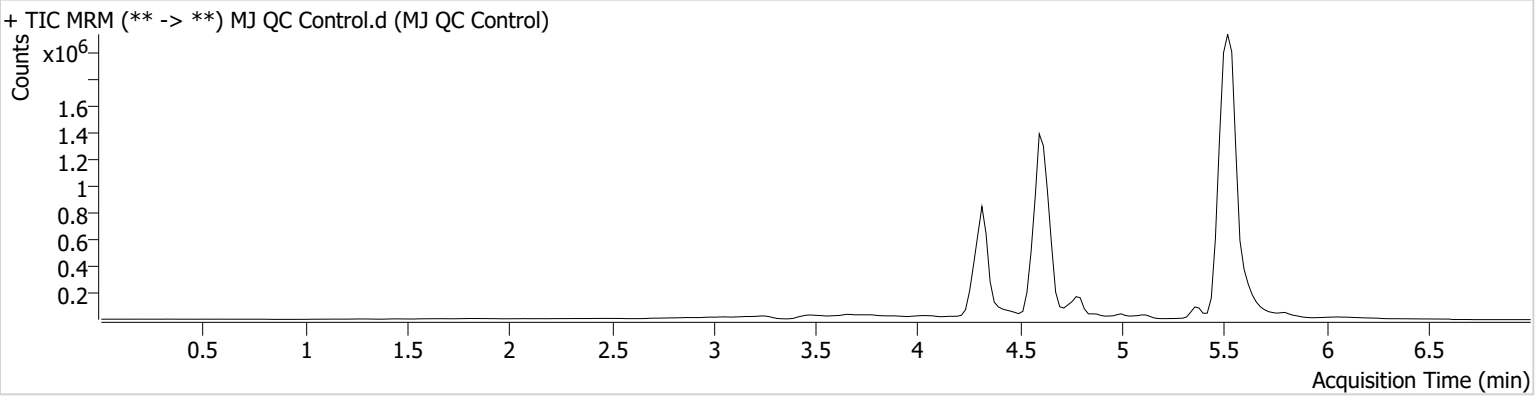
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 5/9/2024 10:43:51 AM

Instrument	Falco (069901)	**Data File**	MJ QC Control.d
Type	QC	**Sample**	MJ QC Control
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
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	4/30/2024 12:24:40 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.469	13347	648927	4.59 ng/ml
THC-COOH	4.636	991256	4584888	13.09 ng/ml
THC-OH	4.342	37078	3625803	5.21 ng/ml

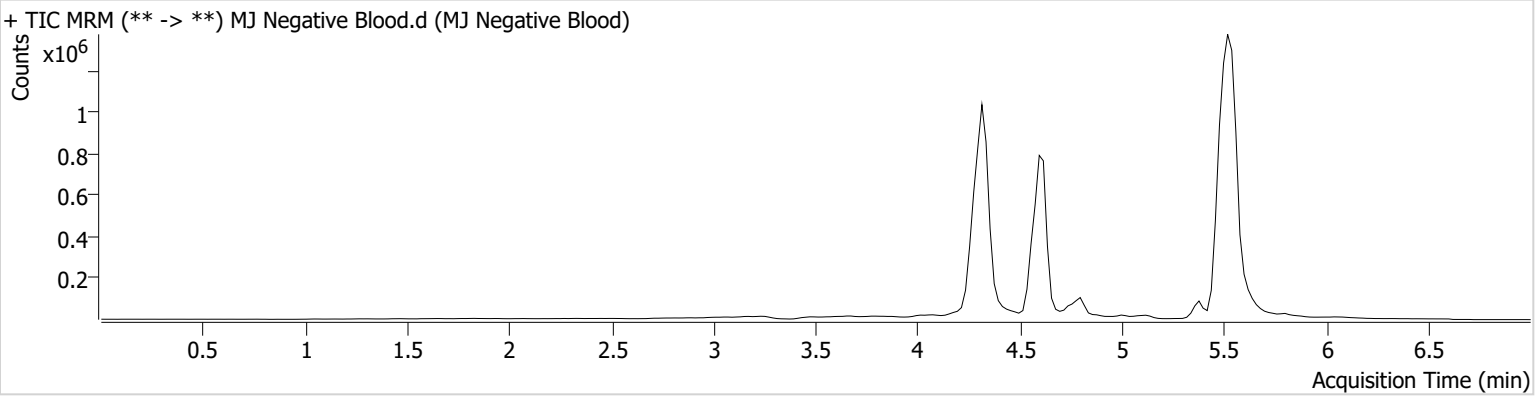
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 5/9/2024 10:43:51 AM

Instrument	Falco (069901)	**Data File**	MJ Negative Blood.d
Type	Sample	**Sample**	MJ Negative Blood
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
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	4/30/2024 12:39:49 PM		
Sample Info.			

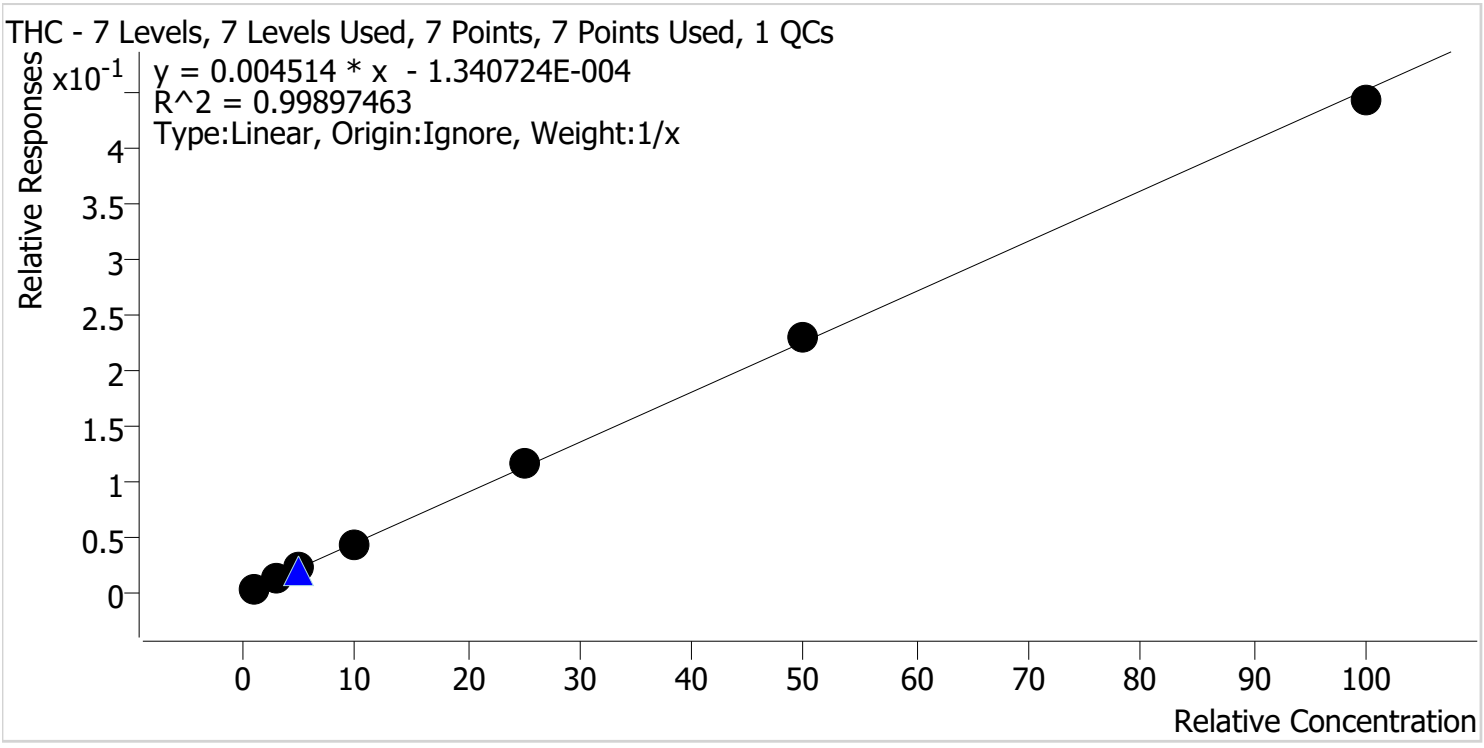
Sample Chromatogram



TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	5/9/2024 10:43 AM
Analyst Name	ISP\datastor
Analyte	THC
Internal Standard	THC-D3

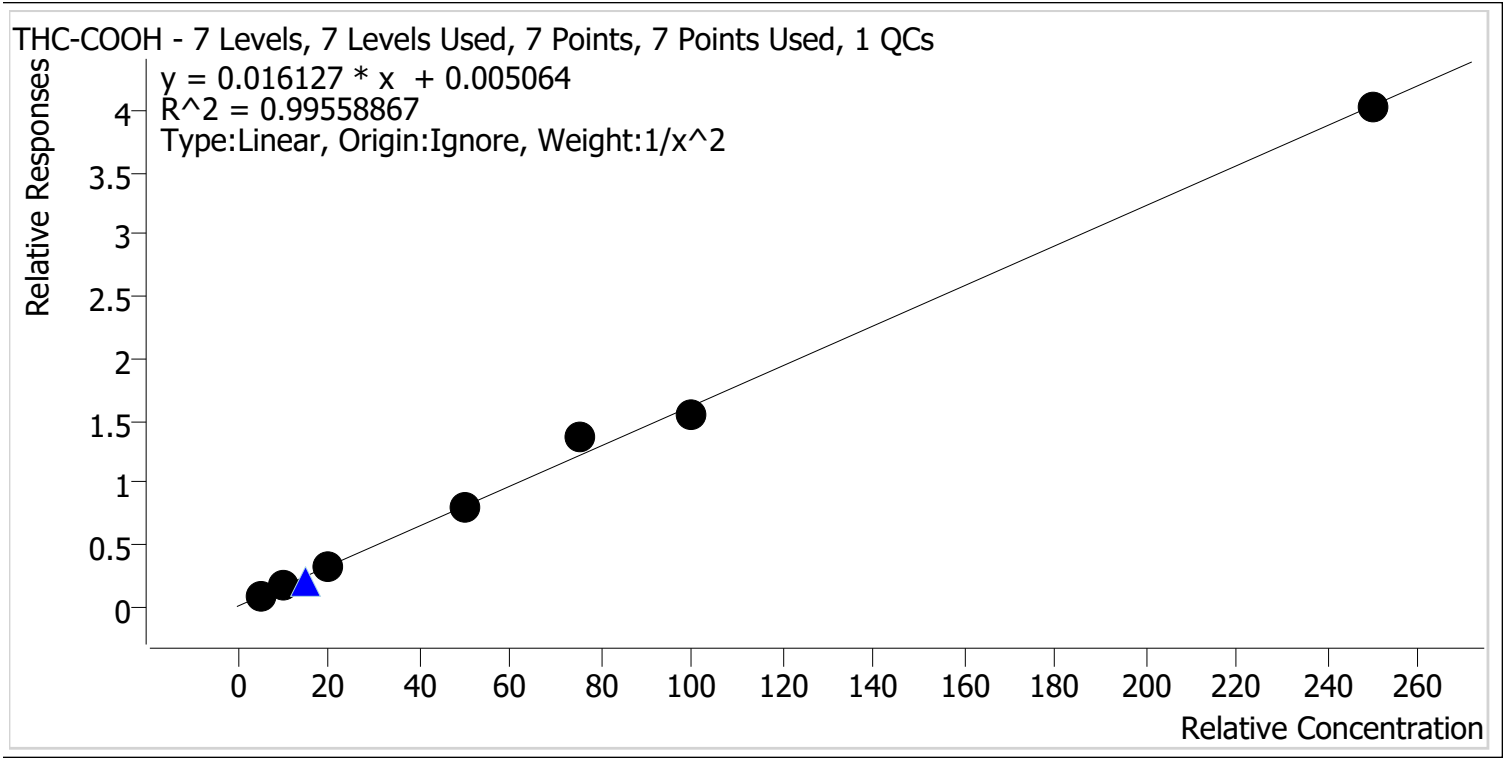


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	1.0	0.9	89.8
MJ Cal 2	2	✔	3.0	3.3	109.8
MJ Cal 3	3	✔	5.0	4.9	98.3
MJ Cal 4	4	✔	10.0	9.7	97.4
MJ Cal 5	5	✔	25.0	26.1	104.5
MJ Cal 6	6	✔	50.0	51.1	102.3
MJ Cal 7	7	✔	100.0	97.9	97.9

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	5/9/2024 10:43 AM
Analyst Name	ISP\datastor
Analyte	THC-COOH
Internal Standard	THC-COOH-D9

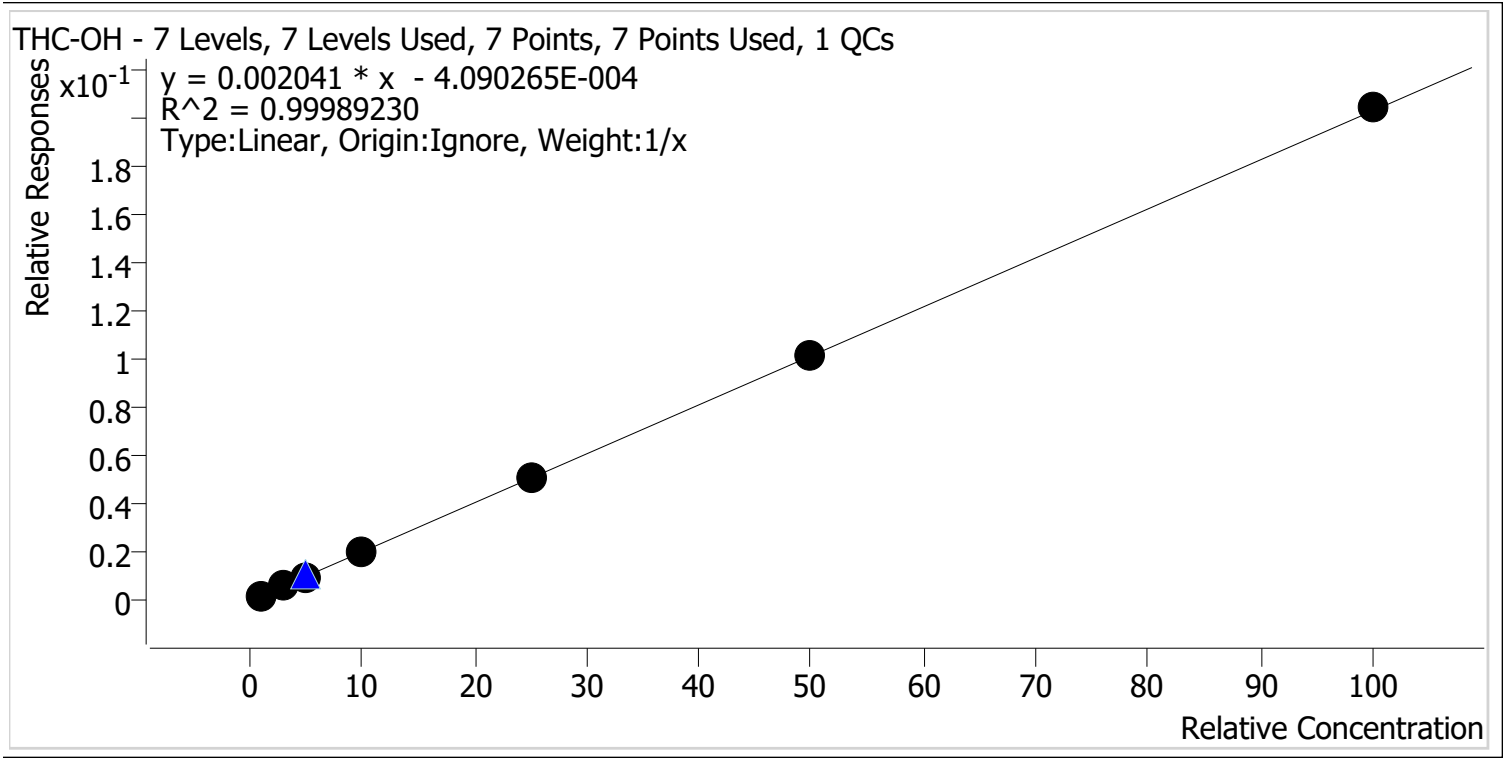


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	5.0	5.1	102.2
MJ Cal 2	2	✔	10.0	9.6	96.4
MJ Cal 3	3	✔	20.0	19.5	97.5
MJ Cal 4	4	✔	50.0	48.7	97.5
MJ Cal 5	5	✔	75.0	83.5	111.3
MJ Cal 6	6	✔	100.0	95.6	95.6
MJ Cal 7	7	✔	250.0	248.9	99.6

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	5/9/2024 10:43 AM
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	1.0	104.6
MJ Cal 2	2	✔	3.0	3.0	99.5
MJ Cal 3	3	✔	5.0	5.0	99.4
MJ Cal 4	4	✔	10.0	9.7	96.9
MJ Cal 5	5	✔	25.0	24.8	99.2
MJ Cal 6	6	✔	50.0	49.9	99.8
MJ Cal 7	7	✔	100.0	100.6	100.6

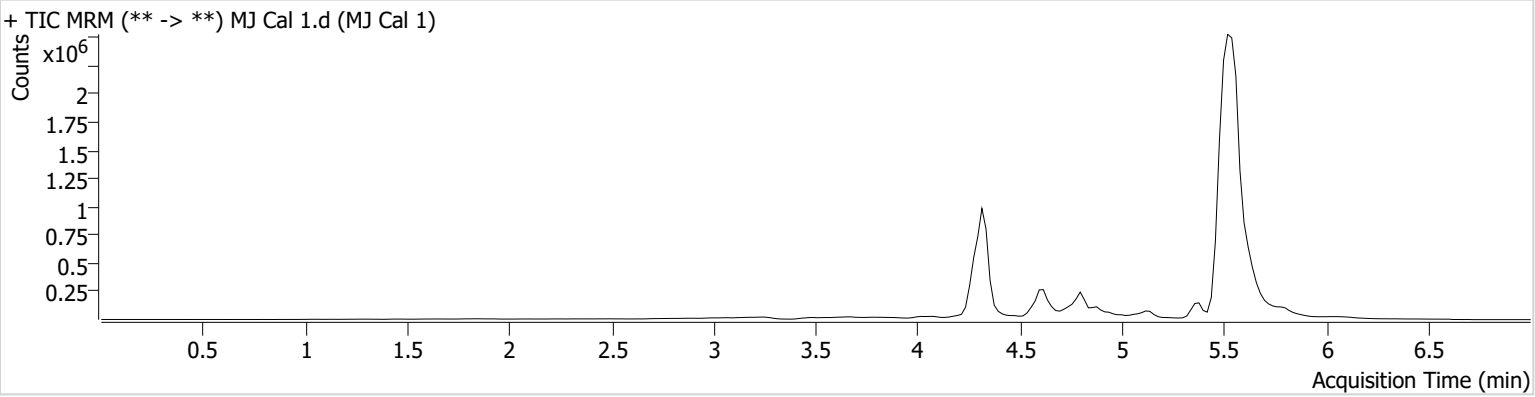
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 5/9/2024 10:43:51 AM

Instrument	Falco (069901)	**Data File**	MJ Cal 1.d
Type	Cal	**Sample**	MJ Cal 1
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-A1	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	10		
Acq. Date-Time	4/30/2024 11:31:31 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.469	3205	817733	0.90 ng/ml **Low**
THC-COOH	4.636	84290	963920	5.11 ng/ml
THC-OH	4.342	7390	4281997	1.05 ng/ml **Low**

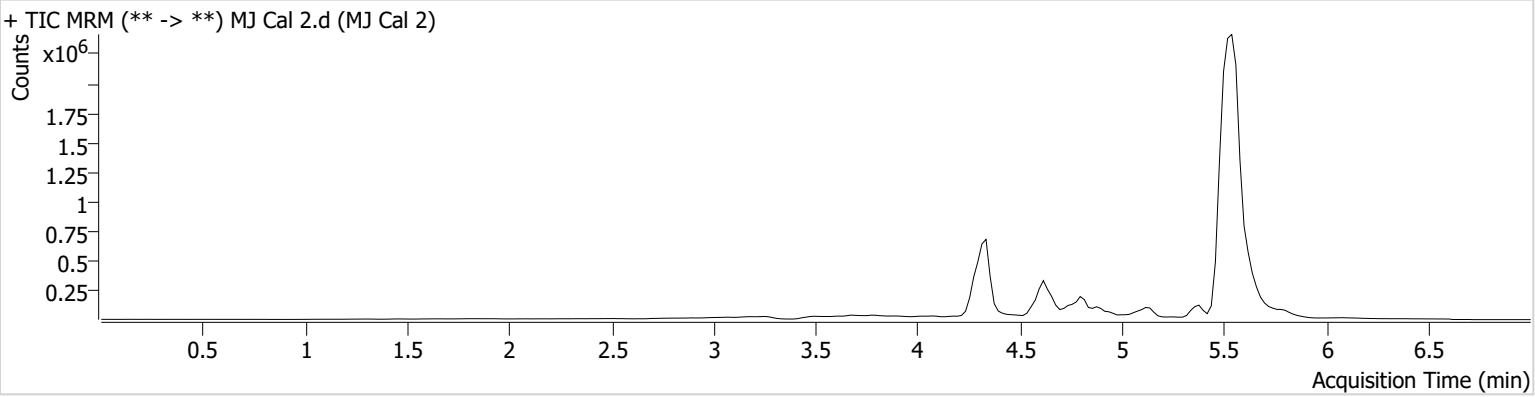
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 5/9/2024 10:43:51 AM

Instrument	Falco (069901)	**Data File**	MJ Cal 2.d
Type	Cal	**Sample**	MJ Cal 2
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
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	4/30/2024 11:39:16 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.489	10520	714075	3.29 ng/ml
THC-COOH	4.656	172370	1074036	9.64 ng/ml
THC-OH	4.342	18273	3216352	2.98 ng/ml **Low**

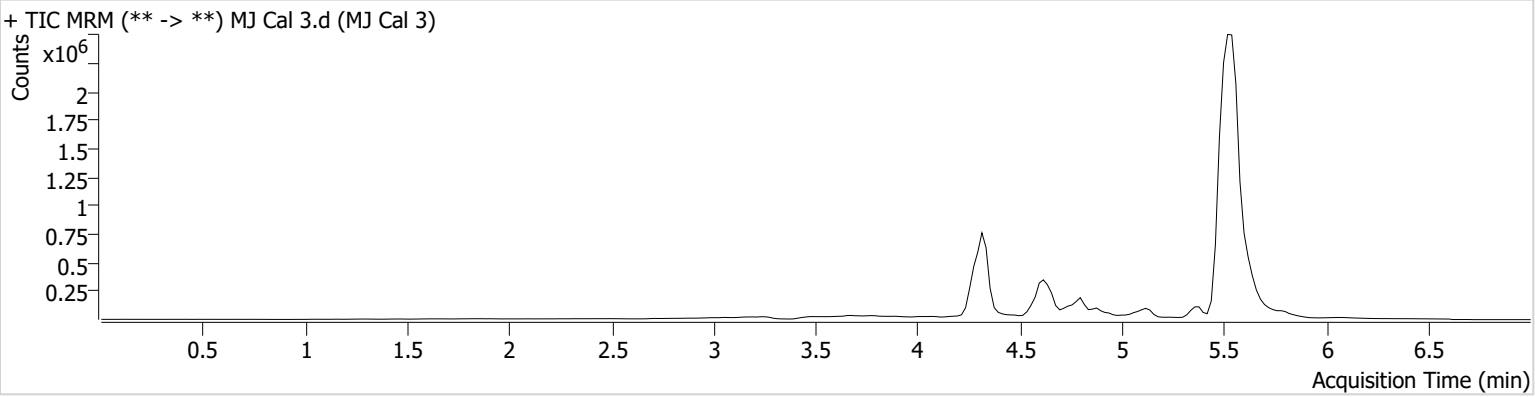
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 5/9/2024 10:43:51 AM

Instrument	Falco (069901)	**Data File**	MJ Cal 3.d
Type	Cal	**Sample**	MJ Cal 3
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-C1	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	10		
Acq. Date-Time	4/30/2024 11:46:50 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.469	15742	714023	4.91 ng/ml
THC-COOH	4.636	313736	981676	19.50 ng/ml
THC-OH	4.342	32104	3297527	4.97 ng/ml

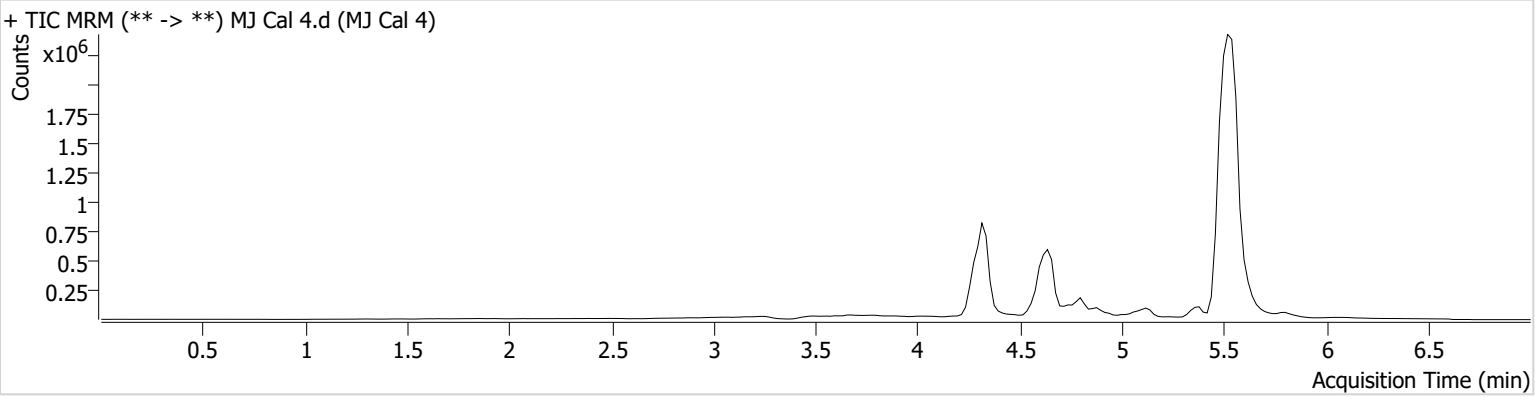
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 5/9/2024 10:43:51 AM

Instrument	Falco (069901)	**Data File**	MJ Cal 4.d
Type	Cal	**Sample**	MJ Cal 4
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-D1	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	10		
Acq. Date-Time	4/30/2024 11:54:24 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.469	31013	707357	9.74 ng/ml
THC-COOH	4.636	790698	999745	48.73 ng/ml
THC-OH	4.342	64165	3313074	9.69 ng/ml

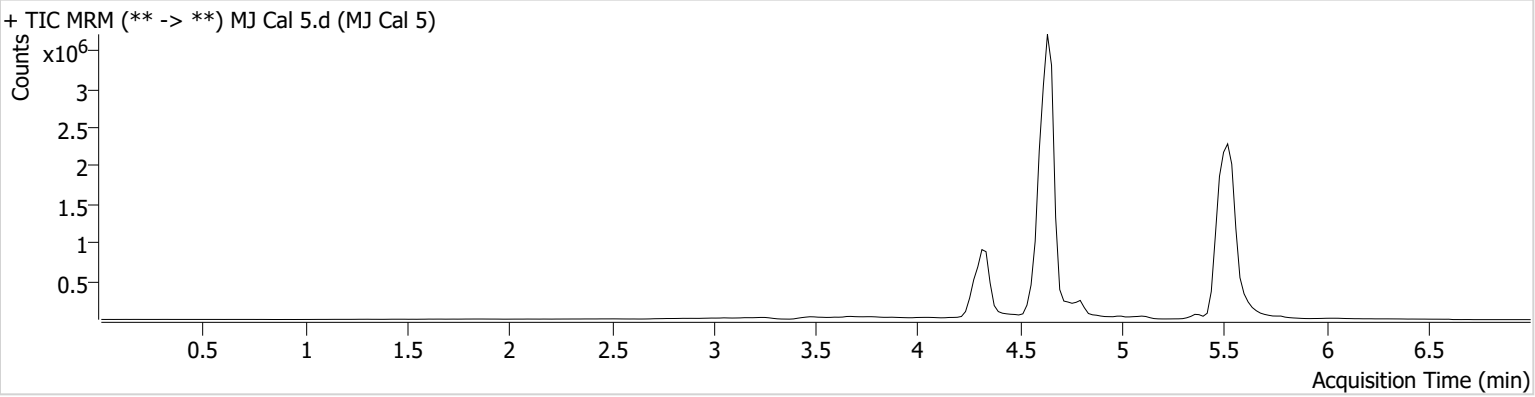
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 5/9/2024 10:43:51 AM

Instrument	Falco (069901)	**Data File**	MJ Cal 5.d
Type	Cal	**Sample**	MJ Cal 5
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-E1	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	10		
Acq. Date-Time	4/30/2024 12:01:58 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.469	81999	696133	26.13 ng/ml
THC-COOH	4.636	5514234	4079367	83.50 ng/ml
THC-OH	4.342	161867	3225371	24.79 ng/ml

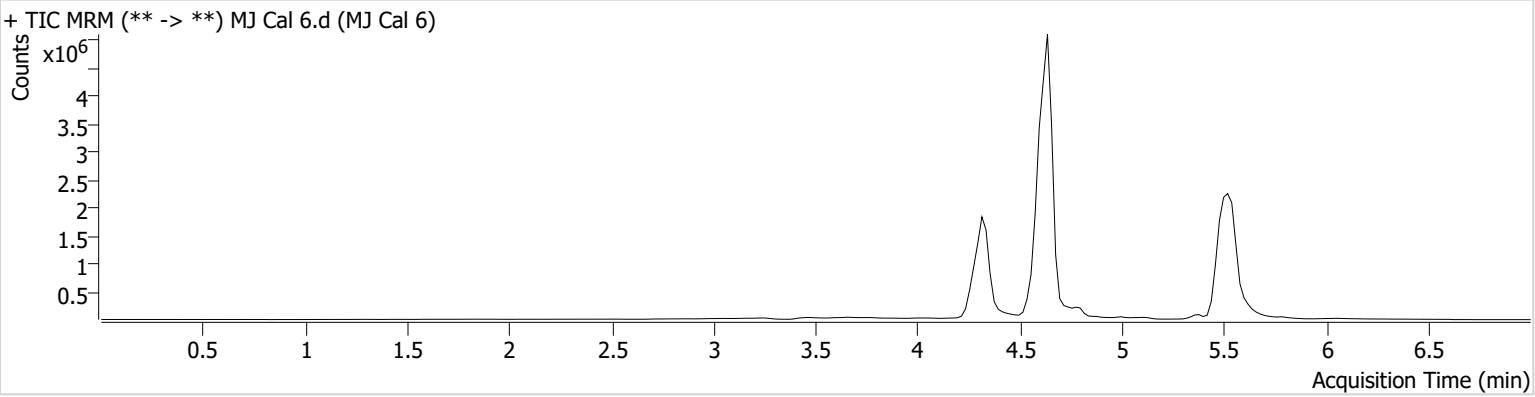
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 5/9/2024 10:43:51 AM

Instrument	Falco (069901)	**Data File**	MJ Cal 6.d
Type	Cal	**Sample**	MJ Cal 6
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-F1	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	10		
Acq. Date-Time	4/30/2024 12:09:32 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.469	159166	689840	51.15 ng/ml
THC-COOH	4.636	7632659	4934912	95.59 ng/ml
THC-OH	4.342	500193	4932634	49.89 ng/ml

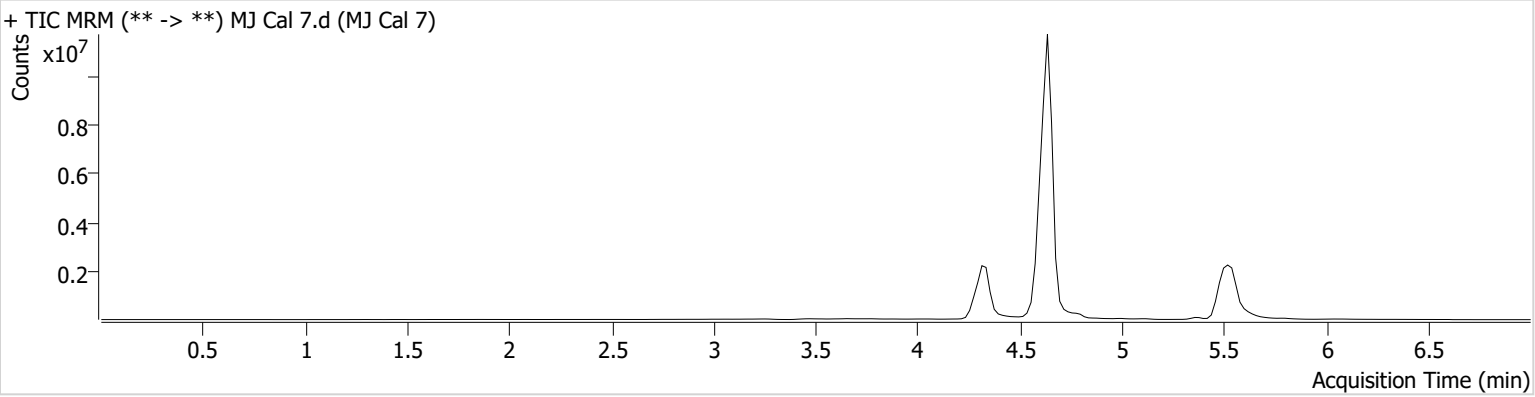
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\AM 25 26\043024 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 5/9/2024 10:43:51 AM

Instrument	Falco (069901)	**Data File**	MJ Cal 7.d
Type	Cal	**Sample**	MJ Cal 7
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-G1	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	10		
Acq. Date-Time	4/30/2024 12:17:06 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.469	267237	605117	97.87 ng/ml
THC-COOH	4.636	16624959	4136075	248.92 ng/ml
THC-OH	4.342	809950	3952171	100.62 ng/ml