REVIEWED
By Anne Nord at 11:33 am, Oct 02, 2024

TS

9/17/2024

Worklist: 6929

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2024-1207	1	COBCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-1668	1	COBCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-1826	1	COBCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-1863	1	COBCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-2641	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-3304	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-3375	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-3376	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-3496	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-3529	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-3566	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-3688	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-3705	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2024-3726	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2597	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2716	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2721	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2802	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2803	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2806	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2816	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

TS

Worklist: 6929

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2024-2817	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2834	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2835	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2836	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2838	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2850	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2851	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2024-2852	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: 09/18/2024 Analyst: Tamara Salazar
Plate lot#: 240524 Plate Retest Date: 11/24/2024
Mobile phase A: 10mM Amm Form in LCMS Water Mobile phase B: 0.1% Formic Acid in MeOH
Blank Blood Lot: Lampire 24C52816 Blank Urine Lot:
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: Samples were initially injected on 09/18/2024 but the responses and chromatography were poor. The column was replaced, and the mobile phases were remade. Samples were reinjected on 09/19/2024.

Alpha-hydroxyalprazolam and gabapentin not evaluated due to poor response/chromatography.

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	M2024-1863-1	M2024-3688-3	P2024-2806-1	P2024-2851-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
B	IS + Cal. 1	M2024-2641-3	M2024-3705-3	P2024-2816-1	P2024-2852-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
C	IS + Control 1	M2024-3304-1	M2024-3726-1	P2024-2817-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
D	IS + Control 1	M2024-3375-1	P2024-2597-1	P2024-2834-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
E	Neg Blood	M2024-3376-1	P2024-2716-2	P2024-2835-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Control 1
F	M2024-1207-1	M2024-3496-4	P2024-2721-1	P2024-2836-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Control 1
G	M2024-1668-1	M2024-3529-1	P2024-2802-1	P2024-2838-2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1
H	M2024-1826-1	M2024-3566-3	P2024-2803-1	P2024-2850-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1

All wells to contain 60 µl of residual DMSO

TS

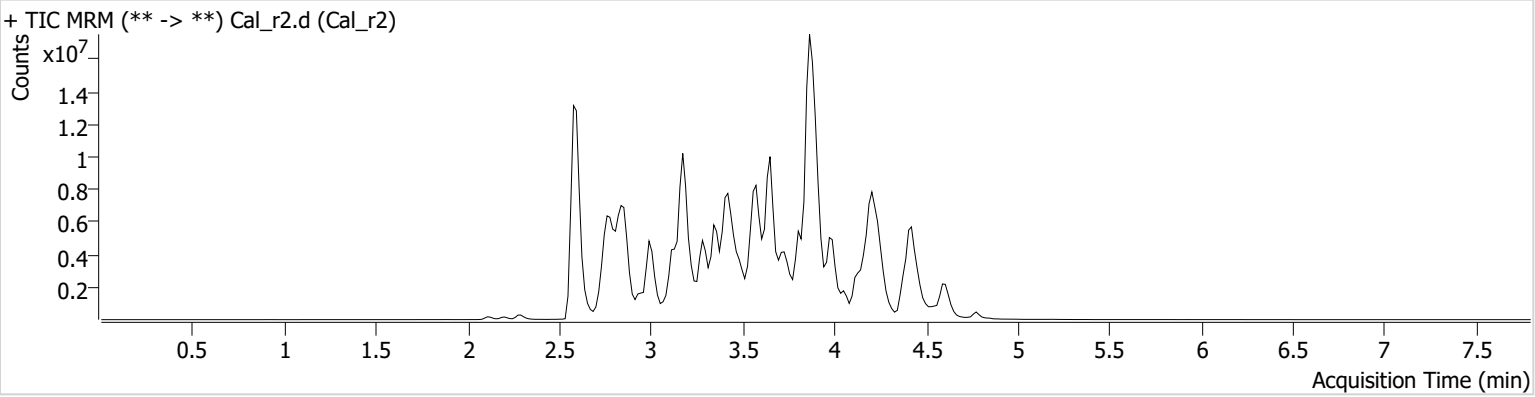
AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\091824 AM 25 Reinjects TS\QuantResults\AM 25_cases.batch.bin
Calibration Last Update 10/1/2024 11:31:55 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 25 MDS.m
Sample Position P2-A1
Injection Volume 5
Acq. Date-Time 9/19/2024 1:06:01 PM
Sample Info.

Data File Cal_r2.d
Sample Cal_r2
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	3.718	1251264	344.85	1211.18	5992245	10.0000
6-MAM	2.729	23053	12205.19	7.93	482815	10.0000
7-aminoclonazepam	3.469	616991	45593.05	174819.16	2039473	10.0000
7-aminoflunitrazepam	3.685	903769	203.09	365.94	2039473	10.0000
9-Hydroxyrisperidone	3.646	4627126	6748.15	38614.53	16615466	10.0000
Acetyl Fentanyl	3.588	203921	301.81	48355.40	20458244	10.0000
Acetyl Norfentanyl	2.768	239440	559.46	1469.81	20458244	10.0000
alpha-hydroxymidazolam	4.390	600915	493.07	273.84	2039473	10.0000
Alpha-PHP	3.626	2245618	4881.70	1253.76	20458244	10.0000
alpha-PVP	3.350	3383830	480.07	397.89	3414131	10.0000
Alprazolam	4.548	489875	52.25	128.74	3965269	10.0000
Amitriptyline	4.242	1599121	420.62	314.70	5599195	10.0000
Amphetamine	2.772	2284068	775.06	1654.04	3414131	10.0000
Benzoylecgonine	3.314	46762	219.05	18.93	230501	10.0000
Bromazolam	4.604	388651	406.42	3008.89	3965269	10.0000
Brompheniramine	3.867	43391	50.28	285.92	31654704	10.0000
Buprenorphine	3.892	32661	12338.18	1480.88	1570993	10.0000
Bupropion	3.565	2200063	540.29	747.95	7218461	10.0000
Carbamazepine	4.184	2889343	2230.33	535.19	64596	10.0000
Carisoprodol	4.182	306289	379122.31	35.45	1841090	10.0000
Chlordiazepoxide	4.472	387265	729.25	185.46	3965269	10.0000
Chlorpheniramine	3.778	3496586	497.29	34.08	5509043	10.0000
Chlorpromazine	4.407	1563612	818.46	1228.23	8279456	10.0000
Citalopram	3.912	2160257	1394.93	10161.55	31654704	10.0000
Clomipramine	4.423	2451293	8983.76	7913.99	31654704	10.0000
Clonazepam	4.392	202624	57618.22	223.27	64596	10.0000
Clonazolam	4.296	331271	151531.70	64805.44	3965269	10.0000
Clozapine	3.989	2239494	390974.70	2568.00	8474863	10.0000
Cocaethylene	3.620	2024898	3161.54	4479.75	11435198	10.0000
Cocaine	3.406	2464781	21439.40	548.83	11435198	10.0000
Codeine	2.611	170384	169353.45	270.26	3283500	10.0000

TS

AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Cyclobenzaprine	4.166	1268776	913699.92	334.18	5599195	10.0000
Desipramine	4.213	4160614	10197.59	617.58	5599195	10.0000
Dextromethorphan	3.902	1133817	987.11	343.45	5509043	10.0000
Dextrorphan	3.240	1370611	705.53	3470.00	5509043	10.0000
Diazepam	4.781	526824	580.37	1215.49	3965269	10.0000
Dihydrocodeine	2.595	404578	580.17	449.43	3283500	10.0000
Diphenhydramine	3.872	3562157	6024.80	620.25	31654704	10.0000
DMT	2.831	77854	537.69	79.20	5509043	10.0000
Doxepin	3.978	1420252	188.81	252.70	8623467	10.0000
Doxylamine	3.439	4612515	195.77	260.10	5509043	10.0000
Duloxetine	4.163	71064	52789.04	18900.29	1039506	10.0000
EDDP	3.901	219862	136.60	56575.26	1289612	10.0000
Estazolam	4.457	1165754	265.11	1113.25	3965269	10.0000
Etizolam	4.543	185190	2489.73	585.30	3965269	10.0000
Fentanyl	3.819	164457	170.13	1032.94	11123706	10.0000
Flualprazolam	4.406	165377	84841.99	470.63	3965269	10.0000
Flunitrazepam	4.500	623644	540.08	166.36	3965269	10.0000
Fluorofentanyl	3.848	444249	78.07	2681.18	11123706	10.0000
Fluoxetine	4.193	2487003	4956.06	81048.86	3467709	10.0000
Flurazepam	3.925	1104849	1456.09	743.32	3965269	10.0000
Hydrocodone	2.809	507200	707.97	164.68	3283500	10.0000
Hydromorphone	2.293	463186	658.29	807.74	3283500	10.0000
Hydroxyzine	4.265	1349579	2668.51	909.61	8474863	10.0000
Imipramine	4.211	3795861	2241.44	3982.69	5599195	10.0000
Ketamine	3.180	2409136	4028.26	201.24	4085771	10.0000
Lamotrigine	3.348	1711625	3038.81	7042.83	31654704	10.0000
Levamisole	2.768	1674817	834.48	286.57	11435198	10.0000
Levetiracetam	2.603	687560	435.95	46.82	31654704	10.0000
Lorazepam	4.376	86477	57.23	132.10	3965269	10.0000
Maprotiline	4.243	919227	118.77	270.72	5599195	10.0000
MDA	2.877	1048477	222.97	413.74	14603131	10.0000
MDEA	3.089	1935550	809.58	916.46	14603131	10.0000
MDMA	2.952	2489188	986.06	1069.41	14603131	10.0000
Meperidine	3.441	1319786	250.86	274.75	5509043	10.0000
Meprobamate	3.613	117216	47610.55	54.71	1841090	10.0000
Methadone	4.208	2221005	1341.63	2461.34	1289612	10.0000
Methamphetamine	2.863	4846923	733.86	288.05	14603131	10.0000
Methocarbamol	3.519	178601	480.78	83.33	1289612	10.0000
Methylphenidate	3.365	6362868	1997.97	595.29	12802673	10.0000
Metoprolol	3.300	438602	527.76	706.08	5509043	10.0000
Midazolam	4.190	207034	298.51	135.27	3965269	10.0000
Mirtazapine	3.501	2306448	1365.66	5182.39	5509043	10.0000
Mitragynine	3.939	230256	133023.70	220429.30	5509043	10.0000
Morphine	2.113	87681	24.56	344.96	120455	10.0000
Norbuprenorphine	3.678	38919	10470.27	14288.39	1570993	10.0000
Nordiazepam	4.629	615214	∞	393.50	3965269	10.0000
Norfentanyl	3.196	4771494	1655.96	854.93	20458244	10.0000
Norhydrocodone	2.795	7492	1989.62	1588.74	3283500	10.0000
Norketamine	3.166	288379	181.85	1362.44	4085771	10.0000
Normeperidine	3.458	1297716	271.10	268.23	31654704	10.0000
Noroxycodone	2.747	317317	29.94	413.78	4085771	10.0000
Nortriptyline	4.244	877235	1586.83	482.08	5599195	10.0000
O-desmethyl-tramadol	2.796	5580997	1567.19	702.29	31654704	10.0000
O-desmethylvenlafaxine	3.132	791753	232.67	69119.54	3654968	10.0000
Olanzapine	3.021	938556	446.20	535.73	64596	10.0000
Oxazepam	4.457	285264	358.11	154.03	1967427	10.0000
Oxycodone	2.761	866263	446.54	95176.41	4085771	10.0000
Oxymorphone	2.200	291590	45.40	191.12	3283500	10.0000
Paroxetine	4.174	280655	223.00	15692.47	3467709	10.0000

TS

AM #25 Multi-Drug Screen. Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Phenazepam	4.574	402743	3372.65	366.48	3965269	10.0000
Phencyclidine	3.750	3000786	1154.42	770.26	5509043	10.0000
Phentermine	3.016	1176353	260.34	16.40	12802673	10.0000
Phenytoin	4.075	114019	39303.00	660.97	64596	10.0000
Primidone	3.429	2216914	1437.32	406.00	64596	10.0000
Promethazine	4.133	5670549	1206.41	388.09	31654704	10.0000
Pseudoephedrine	2.588	35564124	5124.65	88109.97	14603131	10.0000
Quetiapine	4.048	1814016	2019.27	858.37	15995618	10.0000
Risperidone	3.816	2861564	31587.61	288.29	16615466	10.0000
Sertraline	4.379	707646	234369.88	1247.64	3467709	10.0000
Sufentanil	4.064	112824	40527.25	23359.48	20458244	10.0000
Tapentadol	3.320	2869892	1379.80	1561.52	4085771	10.0000
Temazepam	4.611	817066	717.52	110.67	3965269	10.0000
Topiramate	3.803	37499	17733.64	2365.52	34723	10.0000
Tramadol	3.285	10238586	166.33	21.15	31654704	10.0000
Trazodone	3.879	2184348	1589.60	1137.07	8623467	10.0000
Venlafaxine	3.654	4504496	1934.77	263.77	3654968	10.0000
Xylazine	3.227	1786666	1354.51	81.09	4085771	10.0000
Zaleplon	4.271	573098	3988.68	6600.56	15995618	10.0000
Zolpidem	3.590	2903472	2561.79	3573.22	15995618	10.0000
Zopiclone	3.555	127185	555.68	53.81	695548	10.0000

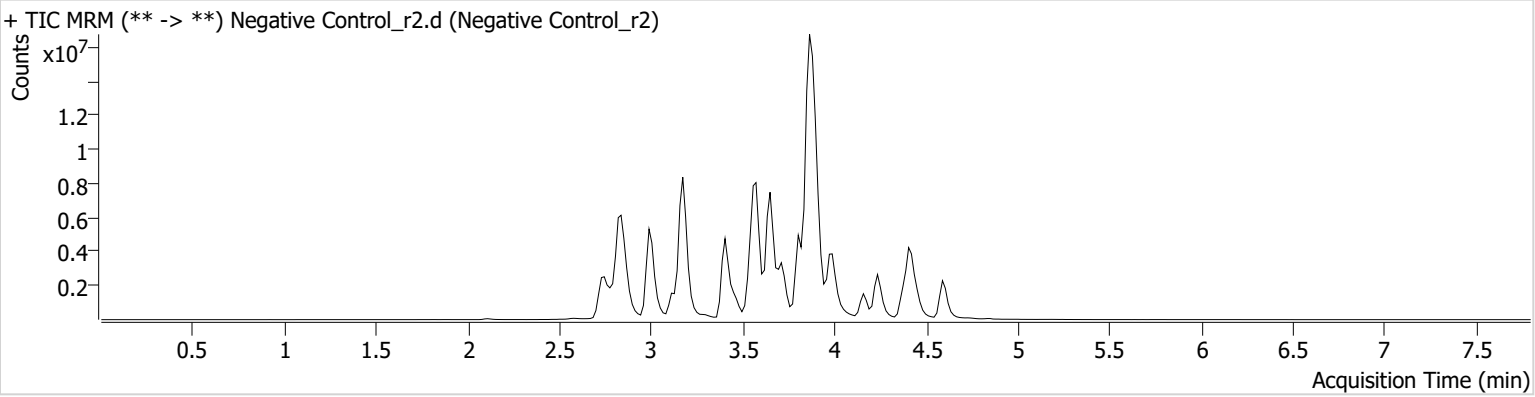
TS

AM #25 Multi-Drug Screen. Results

Batch results D:\MassHunter\Data\2024\AM 25 26\091824 AM 25 Reinjects TS\QuantResults\AM 25_cases.batch.bin
Calibration Last Update 10/1/2024 11:31:55 AM

Instrument	Falco (069901)	**Data File**	Negative Control_r2.d
Type	Sample	**Sample**	Negative Control_r2
Acq. Method	AM 25 MDS.m	**Operator**	Tamara Salazar
Sample Position	P2-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	5		
Acq. Date-Time	9/19/2024 1:14:37 PM		
Sample Info.			

Sample Chromatogram



TS

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

Extraction Date: 09/18/2024
Plate lot#: 240513
Mobile phase A: 0.1% Formic Acid in LCMS Water
Blank Blood Lot: Lampire 24C52816
Column: UCT Selectra DA 100 x 2.1mm 3um

Analyst: Tamara Salazar
Plate Retest Date: 11/13/2024
Mobile phase B: 0.1% Formic acid in Acetonitrile
Blank Urine Lot:
LCMS-QQQ ID: 069901

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: 42**
☐ 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)*** *Manifold ID: 067104*
☒ 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. *SPE Dry ID: 067103*
☒ 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, Curve weighting of Linear 1/x with r^2 values ≥0.98 for each analyte
☒ 3. RT +/- 3% or 0.100 min, whichever is greater, +/- 20% Accuracy for greater than (+/- 30% for 10ng/ml or less). Ion ratios must be within +/- 20% of the averaged calibrators
☒ 4. Did all QCs pass for each analyte? (if not, describe in comments section)
☒ 5. Enter QCs into control charting.
☒ 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:
A blood clot in sample P2024-2817 caused some splatter during step 6 and 7 of the extraction procedure. Samples M2024-3304-1, M2024-3705-3, M2024-2726-1, P2024-2816-1, P2024-2817-1, P2024-2852-1 were moved on the SLE plate to account for possible contamination.

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2024-3375-1	P2024-2597-1	P2024-2834-1	IS + QC_1
B	IS + Cal. 2	Neg Blood	M2024-3376-1	P2024-2716-2	P2024-2835-1	IS + Cal. 7
C	IS + Cal. 3	M2024-1207-1	M2024-3496-4	P2024-2721-1	P2024-2836-1	IS + Cal. 6
D	IS + Cal. 4	M2024-1668-1	M2024-3529-1	P2024-2802-1	P2024-2838-2	IS + Cal. 5
E	IS + Cal. 5	M2024-1826-1	M2024-3566-3	P2024-2803-1	P2024-2850-1	IS + Cal. 4
F	IS + Cal. 6	M2024-1863-1	M2024-3688-3	P2024-2806-1	P2024-2851-1	IS + Cal. 3
G	IS + Cal. 7	M2024-2641-3	M2024-3705-3	P2024-2816-1	P2024-2852-1	IS + Cal. 2
H	IS + QC_1	M2024-3304-1	M2024-3726-1	P2024-2817-1	IS + QC_1	IS + Cal. 1

All wells to contain 100 µl of residual DMSO

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	M2024-3375-1	P2024-2597-1	P2024-2834-1	M2024-3705-3
B	IS + Cal. 2	Neg Blood	M2024-3376-1	P2024-2716-2	P2024-2835-1	M2024-3726-1
C	IS + Cal. 3	M2024-1207-1	M2024-3496-4	P2024-2721-1	P2024-2836-1	P2024-2816-1
D	IS + Cal. 4	M2024-1668-1	M2024-3529-1	P2024-2802-1	P2024-2838-2	P2024-2817-1
E	IS + Cal. 5	M2024-1826-1	M2024-3566-3	P2024-2803-1	P2024-2850-1	P2024-2852-1
F	IS + Cal. 6	M2024-1863-1	M2024-3688-3	P2024-2806-1	P2024-2851-1	M2024-3304-1
G	IS + Cal. 7	M2024-2641-3	M2024-3705-3*	P2024-2816-1*	P2024-2852-1*	
H	IS + QC_1	M2024-3304-1*	M2024-3726-1*	P2024-2817-1*		

*Samples moved during step 6 of the extraction due to a clot that may have caused contamination in the surrounding samples.

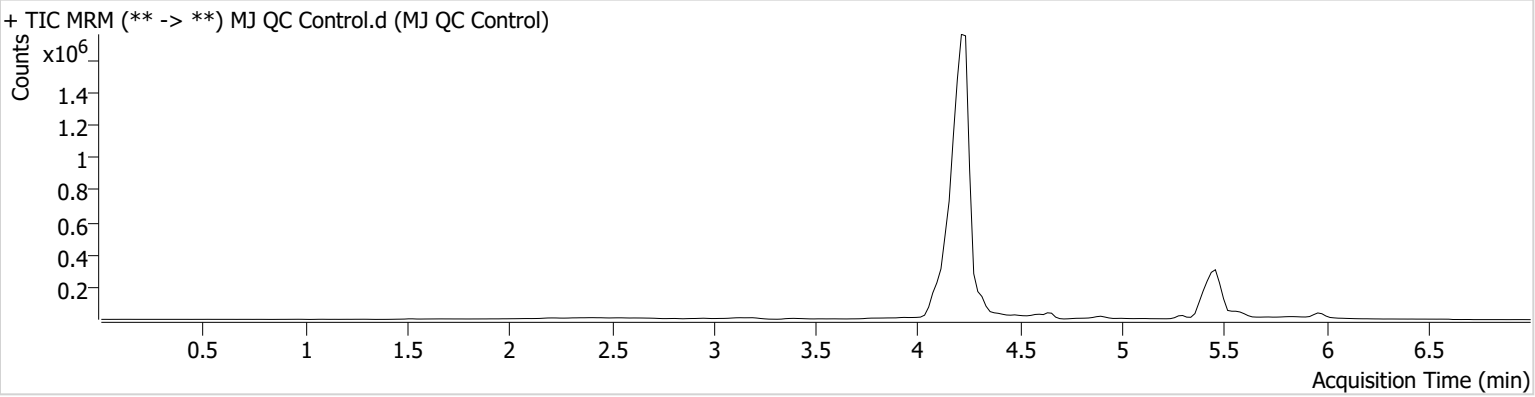
TS

AM #26 Cannabinoids Screen Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/20/2024 9:17:45 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	9/18/2024 1:01:27 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	4411	181190	5.11 ng/ml
THC-COOH	4.175	367983	1599186	14.29 ng/ml
THC-OH	4.242	80361	7904829	4.56 ng/ml

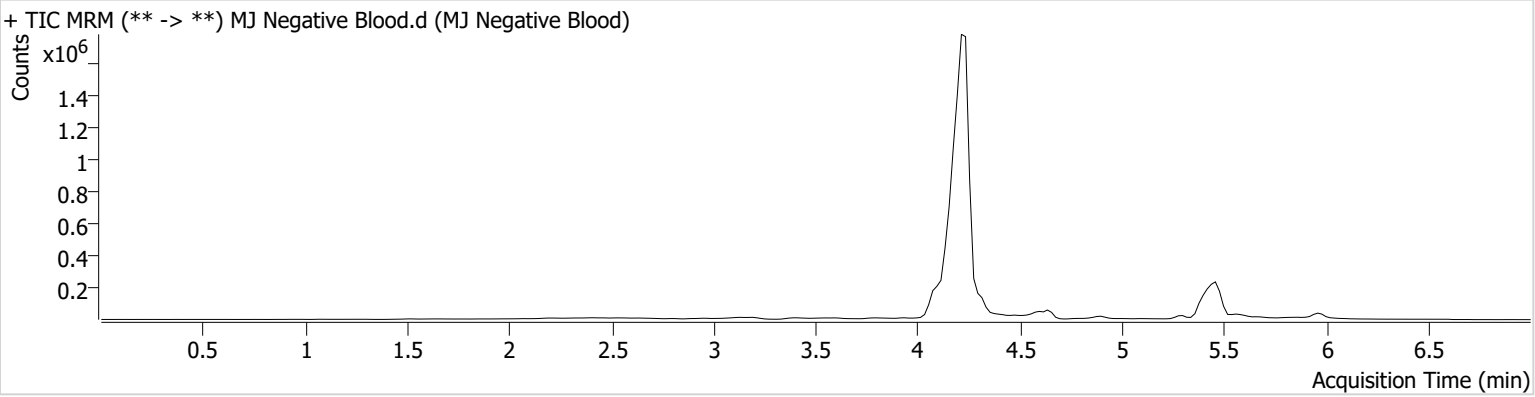
TS

AM #26 Cannabinoids Screen Results

Batch results	G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update	9/20/2024 9:17:45 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	9/18/2024 1:16:39 PM		
Sample Info.			

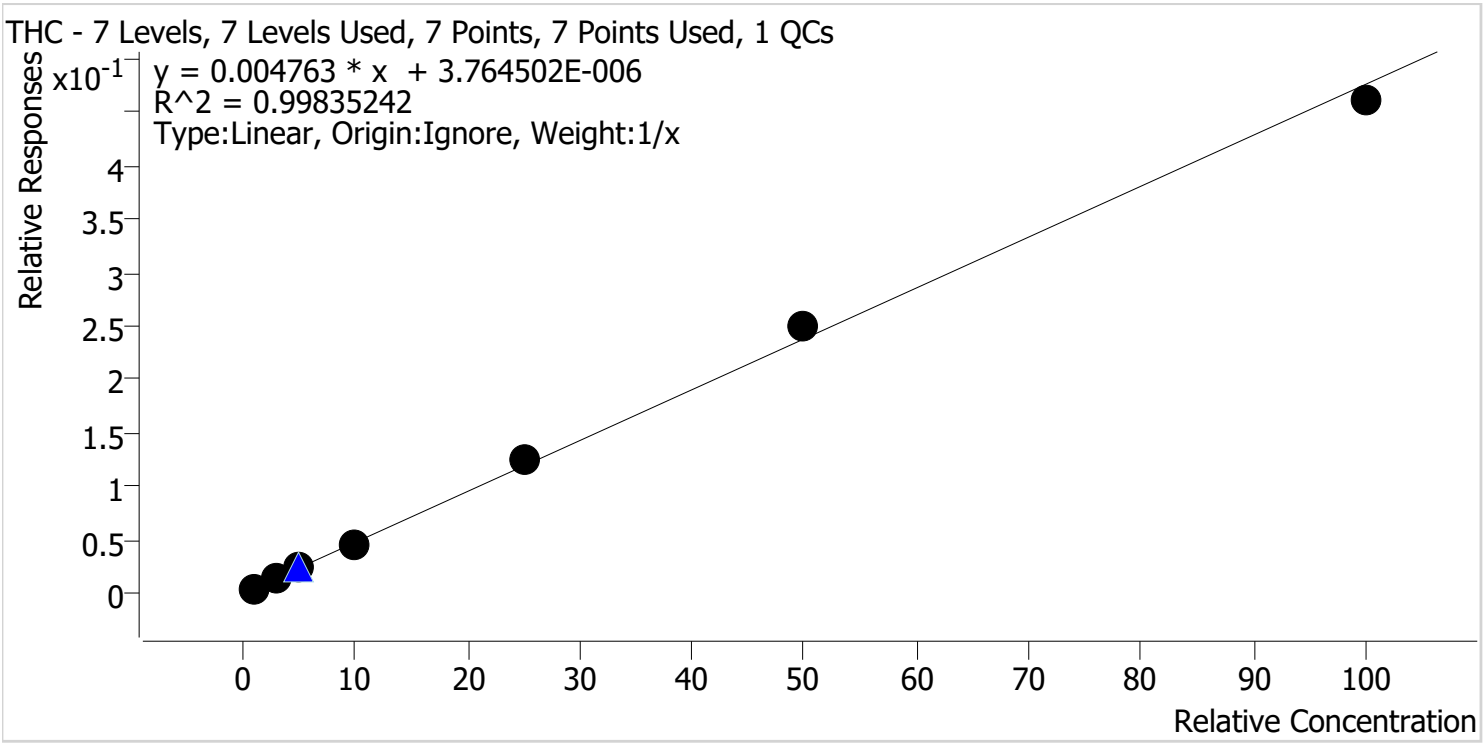
Sample Chromatogram



TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	9/20/2024 9:17 AM
Analyst Name	ISP\tsalazar
Analyte	THC
Internal Standard	THC-D3

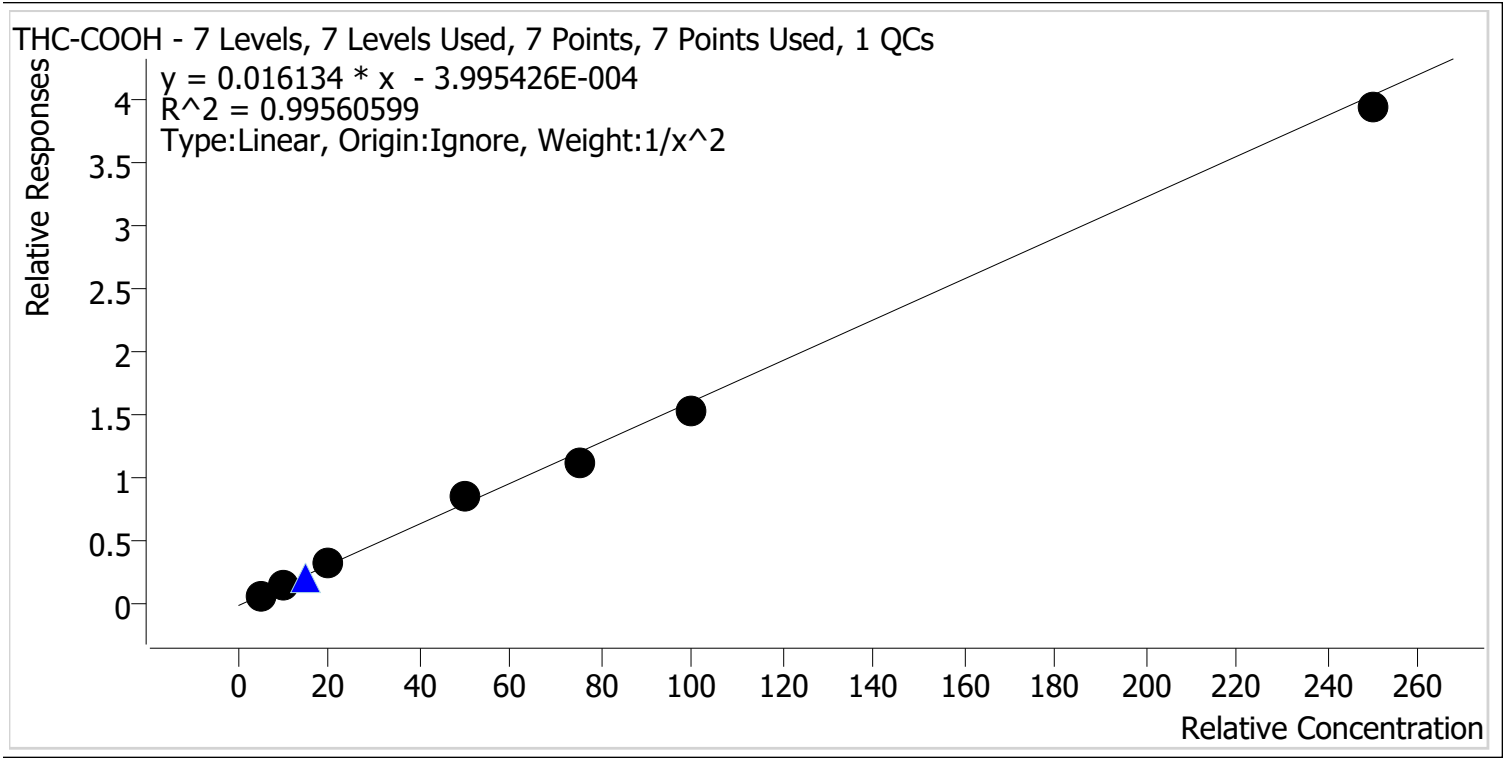


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	1.0	0.9	90.9
MJ Cal 2	2	✔	3.0	3.1	103.5
MJ Cal 3	3	✔	5.0	5.1	102.2
MJ Cal 4	4	✔	10.0	9.8	97.8
MJ Cal 5	5	✔	25.0	26.1	104.3
MJ Cal 6	6	✔	50.0	52.3	104.5
MJ Cal 7	7	✔	100.0	96.8	96.8

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	9/20/2024 9:17 AM
Analyst Name	ISP\tsalazar
Analyte	THC-COOH
Internal Standard	THC-COOH-D9

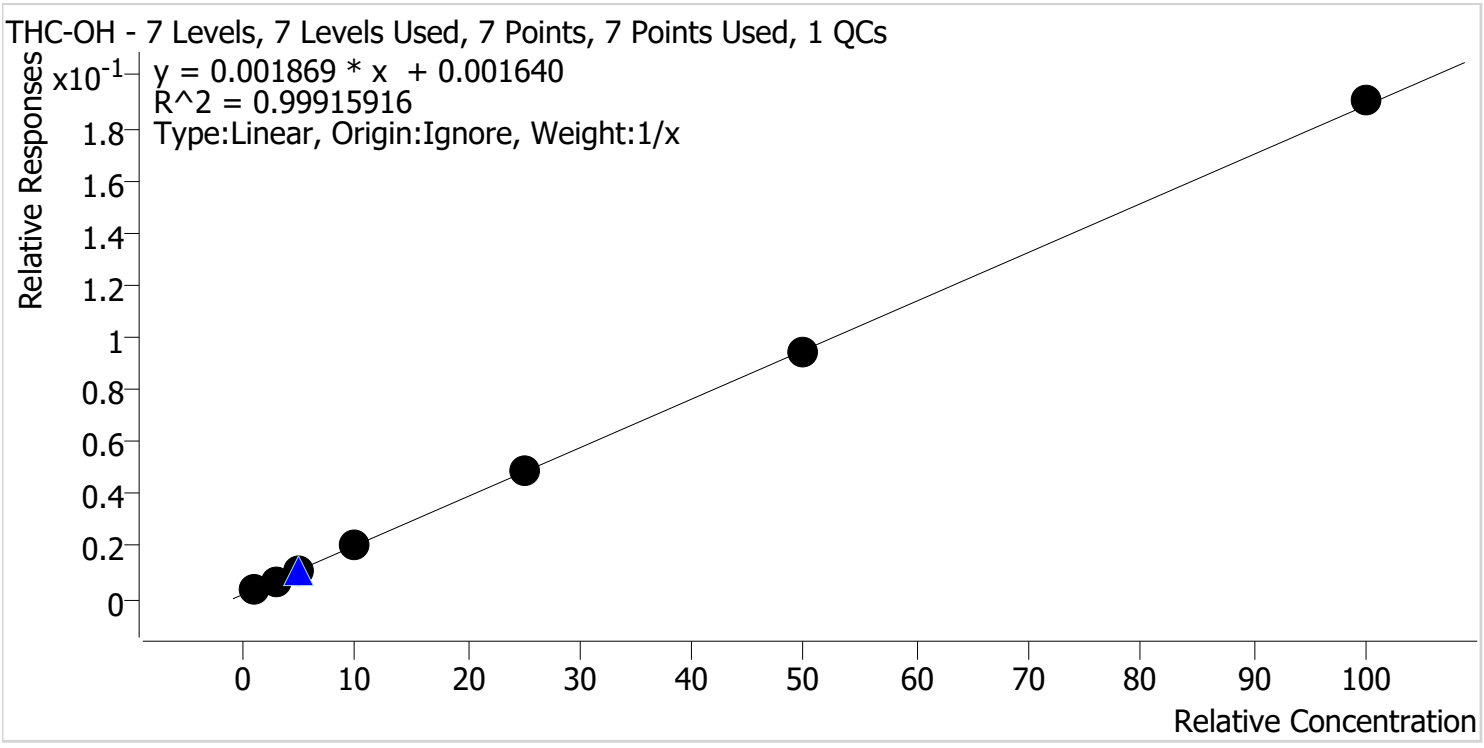


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	5.0	4.8	96.8
MJ Cal 2	2	✔	10.0	10.4	103.5
MJ Cal 3	3	✔	20.0	21.1	105.3
MJ Cal 4	4	✔	50.0	53.9	107.8
MJ Cal 5	5	✔	75.0	70.7	94.2
MJ Cal 6	6	✔	100.0	94.8	94.8
MJ Cal 7	7	✔	250.0	243.8	97.5

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	9/20/2024 9:17 AM
Analyst Name	ISP\tsalazar
Analyte	THC-OH
Internal Standard	THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	1.0	1.2	118.7
MJ Cal 2	2	✔	3.0	2.5	82.9
MJ Cal 3	3	✔	5.0	5.0	99.8
MJ Cal 4	4	✔	10.0	9.9	98.7
MJ Cal 5	5	✔	25.0	25.0	99.8
MJ Cal 6	6	✔	50.0	49.5	99.0
MJ Cal 7	7	✔	100.0	101.0	101.0

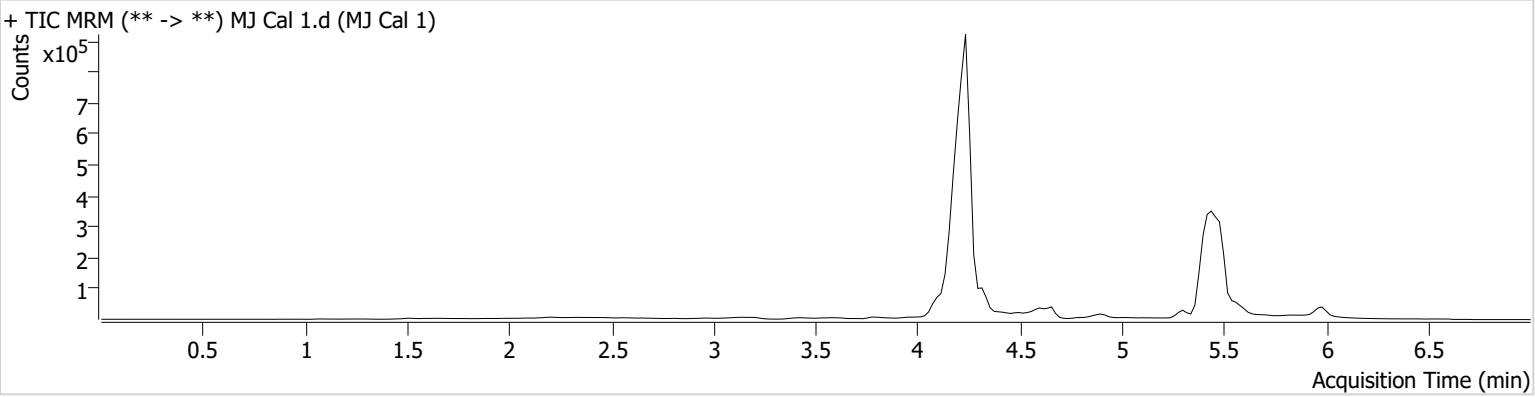
TS

AM #26 Cannabinoids Screen Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/20/2024 9:17:45 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	9/18/2024 12:08:13 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	1133	261512	0.91 ng/ml **Low**
THC-COOH	4.195	45155	581050	4.84 ng/ml **Low**
THC-OH	4.242	16431	4257160	1.19 ng/ml **Low**

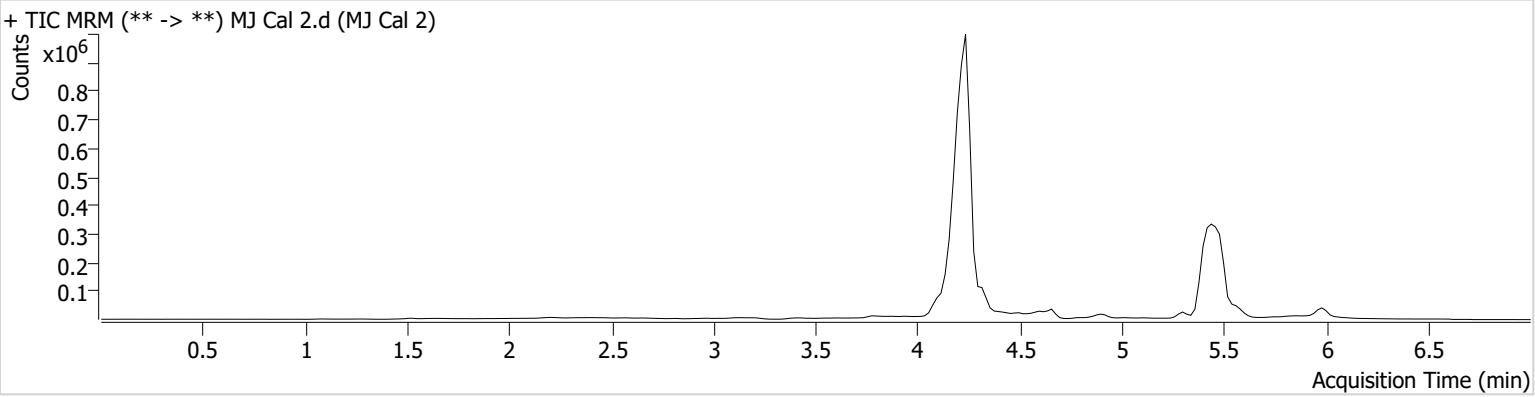
TS

AM #26 Cannabinoids Screen Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/20/2024 9:17:45 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	9/18/2024 12:15:58 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	4606	311338	3.11 ng/ml
THC-COOH	4.195	98331	590238	10.35 ng/ml
THC-OH	4.242	27921	4438833	2.49 ng/ml **Low**

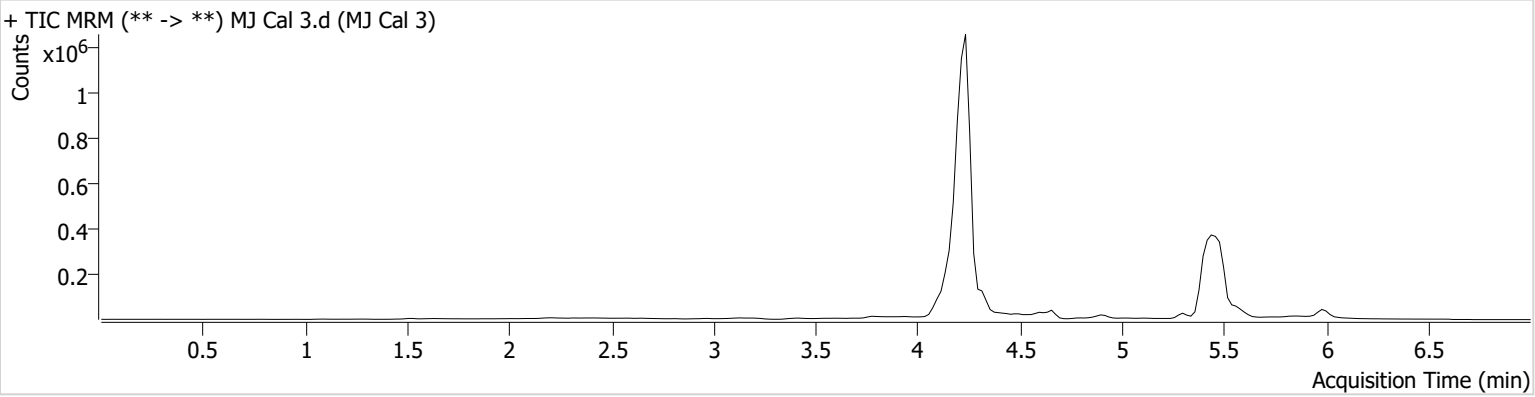
TS

AM #26 Cannabinoids Screen Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/20/2024 9:17:45 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	9/18/2024 12:23:33 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	8201	336890	5.11 ng/ml
THC-COOH	4.195	225760	665040	21.07 ng/ml
THC-OH	4.242	56282	5130077	4.99 ng/ml

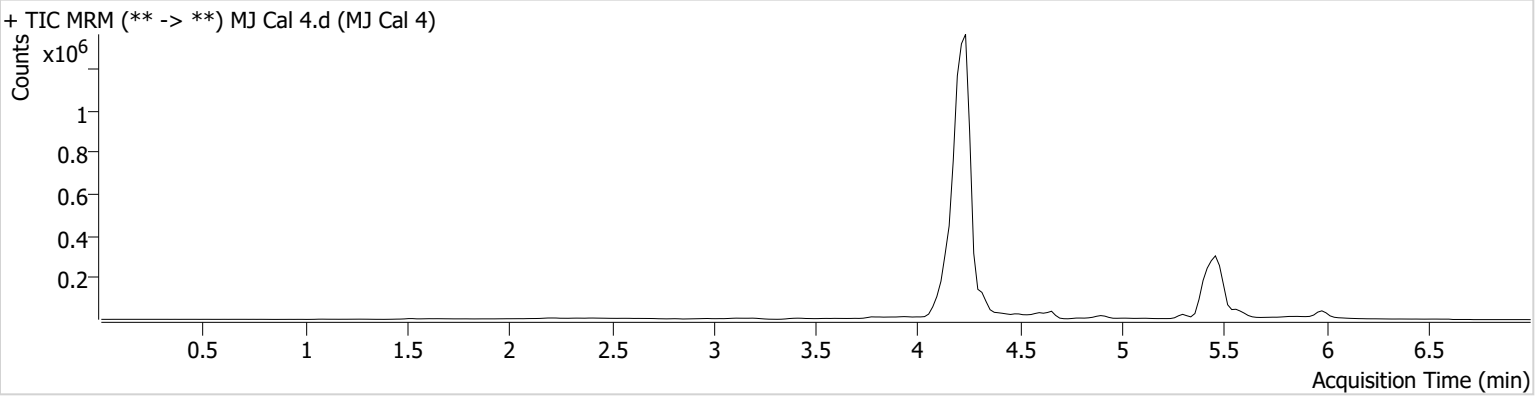
TS

AM #26 Cannabinoids Screen Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/20/2024 9:17:45 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	9/18/2024 12:31:08 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	10769	231163	9.78 ng/ml
THC-COOH	4.195	581411	668957	53.90 ng/ml
THC-OH	4.242	106708	5313474	9.87 ng/ml

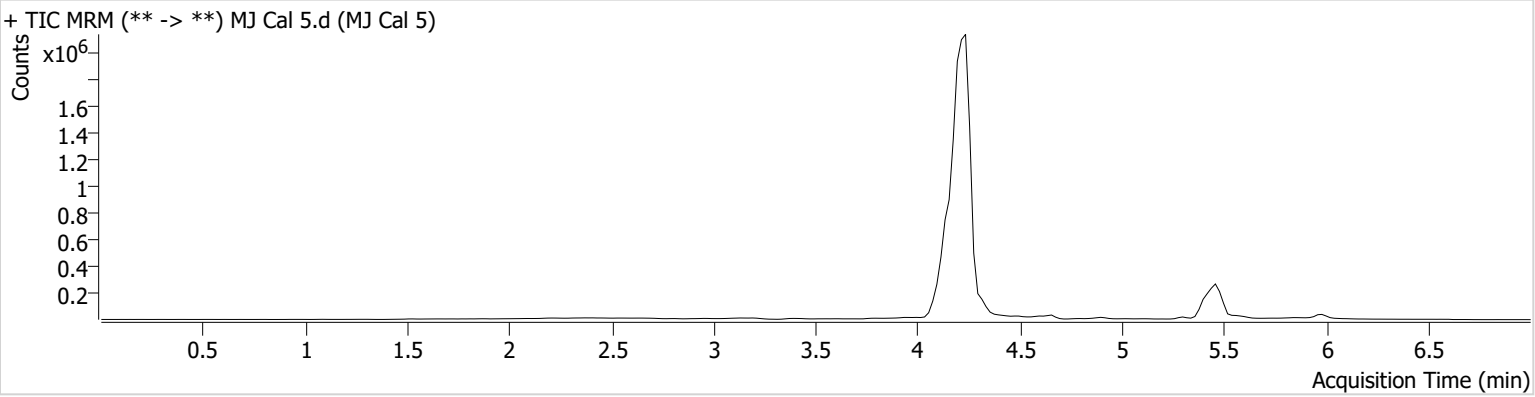
TS

AM #26 Cannabinoids Screen Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/20/2024 9:17:45 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	9/18/2024 12:38:43 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	23872	192188	26.08 ng/ml
THC-COOH	4.195	1512725	1327077	70.68 ng/ml
THC-OH	4.242	321766	6661721	24.96 ng/ml

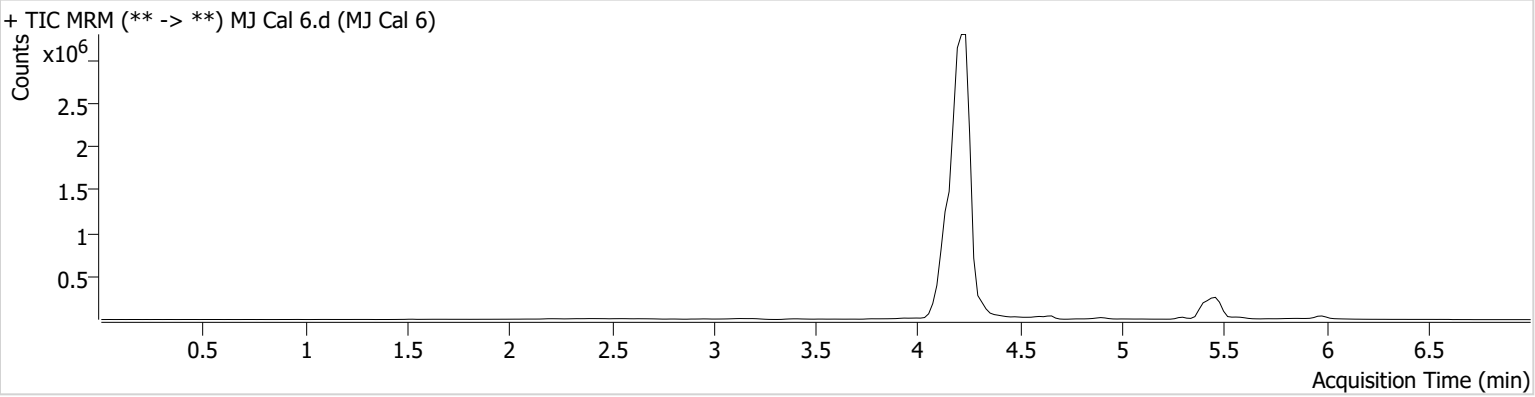
TS

AM #26 Cannabinoids Screen Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/20/2024 9:17:45 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	9/18/2024 12:46:17 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	60795	244235	52.26 ng/ml
THC-COOH	4.175	2631464	1721180	94.79 ng/ml
THC-OH	4.242	781665	8298056	49.51 ng/ml

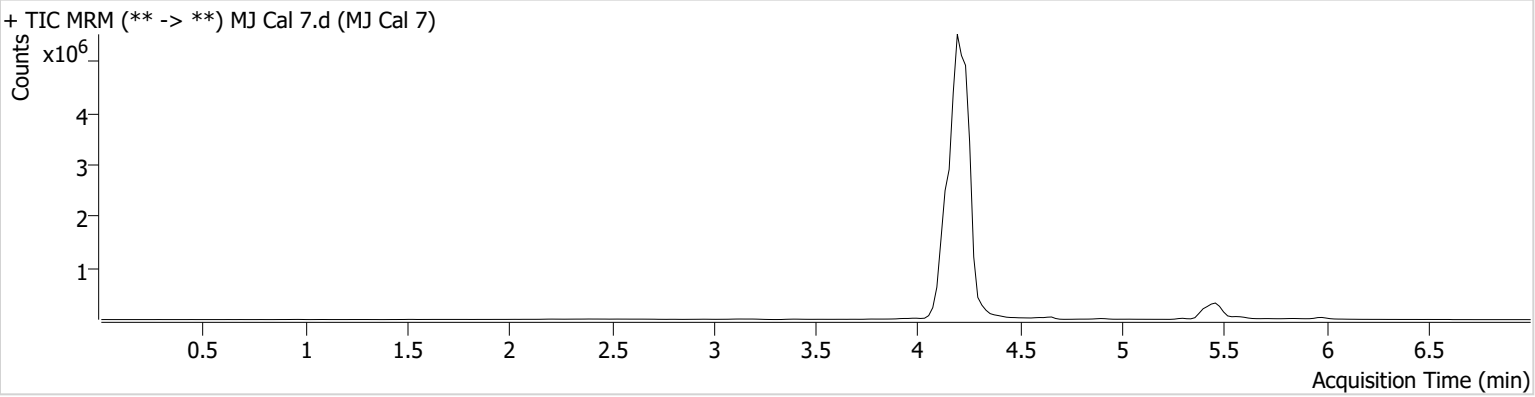
TS

AM #26 Cannabinoids Screen Results

Batch results G:\TOX\Pocatello\Falco\2024\AM 25 26\091824 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 9/20/2024 9:17:45 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	9/18/2024 12:53:52 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	5.409	83468	181106	96.76 ng/ml
THC-COOH	4.175	6619008	1682903	243.80 ng/ml
THC-OH	4.242	1598275	8393133	100.99 ng/ml