REVIEWED
By Celena Shrum at 11:56 am, Feb 14, 2023

2/1/2023

TS

Worklist: 6233

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2023-0072	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2023-0093	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2023-0332	5	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0038	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0044	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0055	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0063	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0077	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0079	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0097	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0098	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0101	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0122	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0129	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0138	1	CBUK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0154	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0155	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0162	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0168	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0173	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0174	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

TS

Worklist: 6233

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2023-0176	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0177	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0202	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0215	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0226	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0230	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0231	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2023-0243	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: 02/01/2023
Analyst: Tamara Salazar
Plate lot#: 220805
Plate Retest Date: 02/05/2023
Mobile phase A: 10mM Amm Form in LCMS Water
Mobile phase B: 0.1% Formic Acid in MeOH
Blank Blood Lot: Lampire 23A52593
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:

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	P2023-0055-1	P2023-0129-2	P2023-0176-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
B	IS + Cal. 1	P2023-0063-1	P2023-0138-1	P2023-0177-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
C	Neg Blood	P2023-0077-1	P2023-0154-1	P2023-0202-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
D	M2023-0072-3	P2023-0079-1	P2023-0155-1	P2023-0215-2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
E	M2023-0093-3	P2023-0097-1	P2023-0162-2	P2023-0226-2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
F	M2023-0332-5	P2023-0098-1	P2023-0168-1	P2023-0230-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample
G	P2023-0038-1	P2023-0101-1	P2023-0173-1	P2023-0231-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 1
H	P2023-0044-1	P2023-0122-1	P2023-0174-1	P2023-0243-1	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

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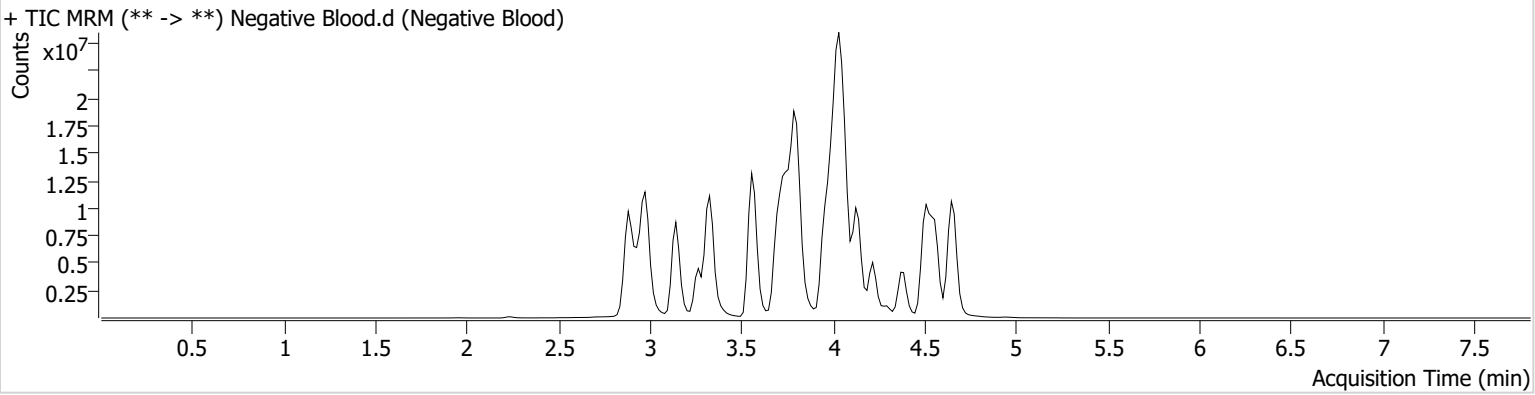
AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 2/13/2023 8:20:31 AM

Instrument	Falco (069901)	**Data File**	Negative Blood.d
Type	Sample	**Sample**	Negative Blood
Acq. Method	AM 25 MDS.m	**Operator**	Tamara Salazar
Sample Position	P2-C1	**Comment**	
Injection Volume	5		
Acq. Date-Time	2/1/2023 7:37:21 PM		
Sample Info.			

Sample Chromatogram



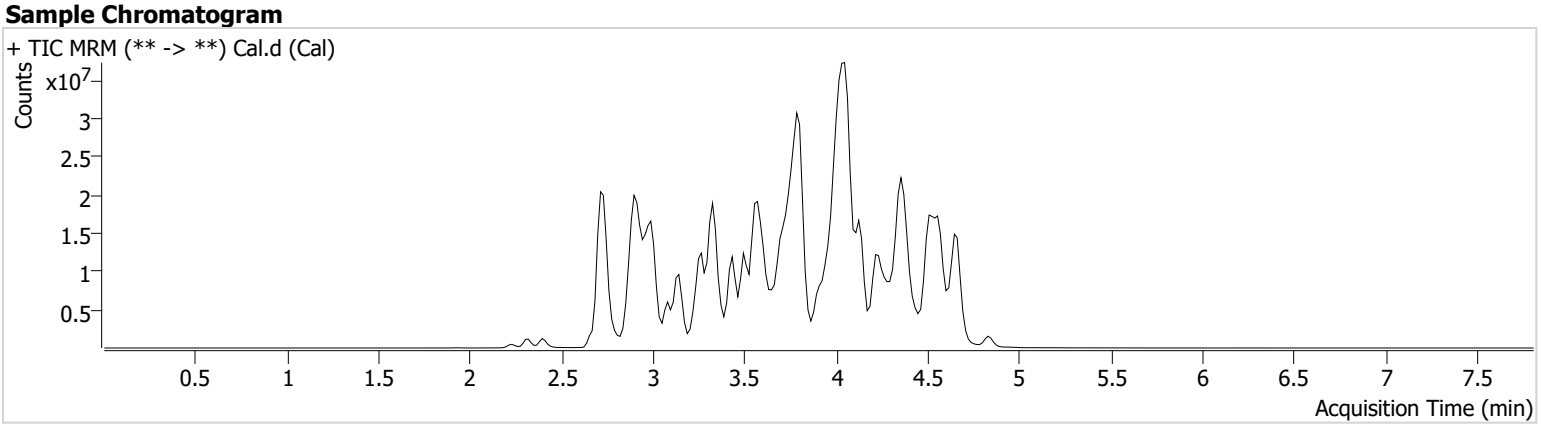
TS

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 2/13/2023 8:20:31 AM

Instrument	Falco (069901)	**Data File**	Cal.d
Type	Cal	**Sample**	Cal
Acq. Method	AM 25 MDS.m	**Operator**	Tamara Salazar
Sample Position	P2-B1	**Comment**	
Injection Volume	5		
Acq. Date-Time	2/1/2023 7:28:47 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.793	3553443	175.44	439.69	22509289	10.0000
6-MAM	2.865	76115	1105.38	24649.02	2067790	10.0000
7-aminoclonazepam	3.575	1340504	974.54	186.80	7082168	10.0000
7-aminoflunitrazepam	3.774	2438225	939.59	841.37	7082168	10.0000
9-Hydroxyrisperidone	3.797	9357490	3290.68	271971.68	37560598	10.0000
Acetyl Fentanyl	3.740	604852	257.09	180404.98	36234368	10.0000
Acetyl Norfentanyl	2.904	592033	1193.39	565.75	36234368	10.0000
a-hydroxyalprazolam	4.510	446910	1071.57	294.77	7082168	10.0000
alpha-hydroxymidazolam	4.493	3254652	858.55	480.37	7082168	10.0000
Alpha-PHP	3.778	4442113	68949.93	9288.30	36234368	10.0000
alpha-PVP	3.503	7343372	744.72	555.37	13669814	10.0000
Alprazolam	4.605	4537598	376.10	820.01	32025731	10.0000
Amitriptyline	4.378	3496469	217.14	599.39	11515425	10.0000
Amphetamine	2.908	5588273	4669.62	1845.25	13669814	10.0000
Benzoylecgonine	3.405	390256	10048.32	80.92	523846	10.0000
Brompheniramine	4.018	199380	274.43	1300.26	51760206	10.0000
Buprenorphine	4.028	766493	331.79	77297.81	2765327	10.0000
Bupropion	3.717	5852818	689.00	412.73	24614461	10.0000
Carbamazepine	4.242	11999728	∞	1440.23	664365	10.0000
Carisoprodol	4.240	3108551	752.42	200.72	12405719	10.0000
Chlordiazepoxide	4.591	2463076	885.72	1703.60	32025731	10.0000
Chlorpheniramine	3.930	11823958	7344.46	8.49	51760206	10.0000
Chlorpromazine	4.557	4328360	1154413.63	689.84	20375545	10.0000
Citalopram	4.048	4253802	609.86	442.43	51760206	10.0000
Clomipramine	4.573	5478873	4384.97	9878.50	51760206	10.0000
Clonazepam	4.450	3438033	731.22	273941.75	32025731	10.0000
Clonazolam	4.369	2454600	872861.77	296450.61	32025731	10.0000
Clozapine	4.140	7815831	3377.29	3109.37	26672021	10.0000
Cocaethylene	3.771	6448879	10927.08	2685.04	35638898	10.0000
Cocaine	3.558	7971214	276857.89	3493.47	35638898	10.0000
Codeine	2.747	515712	4420.91	1135.59	11745754	10.0000
Cyclobenzaprine	4.301	6310480	581.32	253.95	11515425	10.0000
Desipramine	4.348	9693352	986.77	900.13	11515425	10.0000
Dextromethorphan	4.053	2990239	322.52	498.50	14009291	10.0000

TS

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Dextrorphan	3.377	4013813	81668.88	1186.55	14009291	10.0000
Diazepam	4.838	2333865	1757.86	725.43	32025731	10.0000
Dihydrocodeine	2.715	1374455	429.77	1071.47	11745754	10.0000
Diphenhydramine	4.008	14633568	1790.11	1693.97	51760206	10.0000
DMT	2.982	920788	7050.11	2215.05	14009291	10.0000
Doxepin	4.115	3546616	641.56	372.64	24456997	10.0000
Doxylamine	3.606	13444042	16790.19	40821.57	14009291	10.0000
Duloxetine	4.298	170372	44980.77	19998.71	1885727	10.0000
EDDP	4.068	3213603	271.64	255.77	5361944	10.0000
Estazolam	4.529	7080477	3046.36	511.38	32025731	10.0000
Etizolam	4.616	252499	166065.28	13017.61	32025731	10.0000
Fentanyl	3.970	534441	421.19	8048.29	27632307	10.0000
Flualprazolam	4.478	1838918	533050.19	1945.28	32025731	10.0000
Flunitrazepam	4.558	5348227	741.60	1196.06	32025731	10.0000
Fluorofentanyl	3.984	765614	4808.86	195.27	27632307	10.0000
Fluoxetine	4.313	6325107	1403.05	102.09	8971069	10.0000
Flurazepam	4.091	5387634	790.11	313.68	32025731	10.0000
Hydrocodone	2.945	2511329	1607.90	896.00	11745754	10.0000
Hydromorphone	2.399	2020656	1752.91	13314.98	330899	10.0000
Hydroxyzine	4.399	4835671	1516.76	566.56	51760206	10.0000
Imipramine	4.346	11818459	2724.18	1186.15	11515425	10.0000
Ketamine	3.332	4574723	3756.81	330.92	16848468	10.0000
Lamotrigine	3.500	500851	138.68	632.01	51760206	10.0000
Levamisole	2.920	3764719	1301.54	378.94	35638898	10.0000
Levetiracetam	2.677	1976749	1587.61	963.50	51760206	10.0000
Lorazepam	4.434	1007984	387.64	552.86	32025731	10.0000
Maprotiline	4.378	2580083	385.25	367.52	11515425	10.0000
MDA	3.013	6464776	699.03	1699.28	33586520	10.0000
MDEA	3.242	8020509	776.19	538.02	33586520	10.0000
MDMA	3.089	10308754	2359.69	1020.48	33586520	10.0000
Meperidine	3.578	4052731	497.14	499.05	14009291	10.0000
Meprobamate	3.688	2139723	5483.99	400.54	12405719	10.0000
Methadone	4.359	11805134	725.52	507.88	5361944	10.0000
Methamphetamine	3.014	12970065	3519.40	664.17	33586520	10.0000
Methocarbamol	3.594	485019	260.79	337826.90	5361944	10.0000
Methylphenidate	3.502	14959788	2631.65	552.71	26673424	10.0000
Metoprolol	3.438	1251248	3550.84	1894.37	14009291	10.0000
Midazolam	4.371	1031044	770.16	2359.84	32025731	10.0000
Mirtazapine	3.653	4292395	3069.38	6154.22	14009291	10.0000
Mitragynine	4.090	818094	1827.90	1106810.89	14009291	10.0000
Morphine	2.232	328323	5636.09	160.02	330899	10.0000
Norbuprenorphine	3.813	150216	67223.95	177019.53	2765327	10.0000
Nordiazepam	4.701	2566527	4445.95	1397.47	32025731	10.0000
Norfentanyl	3.348	11063622	446.12	1225.79	36234368	10.0000
Norhydrocodone	2.931	142145	232.12	28293.37	330899	10.0000
Norketamine	3.318	1211666	301.25	4550.62	16848468	10.0000
Normeperidine	3.595	4460153	1354.54	1492.69	51760206	10.0000
Noroxycodone	2.883	2224266	115.50	1155.31	16848468	10.0000
Nortriptyline	4.379	3653209	516.20	576.36	11515425	10.0000
O-desmethyl-tramadol	2.933	11876604	2166.95	194.30	51760206	10.0000
O-desmethylvenlafaxine	3.268	2856657	657.06	14452.72	12754413	10.0000
Olanzapine	3.265	1882255	562.72	328.82	664365	10.0000
Oxazepam	4.515	4740853	716.24	680.08	20823106	10.0000
Oxycodone	2.897	4648123	607.70	511.78	16848468	10.0000
Oxymorphone	2.320	2544250	∞	437.70	330899	10.0000
Paroxetine	4.309	1006052	466.94	336905.45	8971069	10.0000
Phenazepam	4.646	4203967	840.32	1419620.60	32025731	10.0000
Phencyclidine	3.902	8387333	525.15	98.69	14009291	10.0000
Phentermine	3.168	2435814	156.41	76.15	26673424	10.0000
Phenytoin	4.149	1129480	1219.05	248.70	664365	10.0000

Cal

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AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Primidone	3.503	2773757	1648.22	720.12	664365	10.0000
Promethazine	4.268	14218931	1371.49	1156.60	51760206	10.0000
Pseudoephedrine	2.738	57518670	723.79	4476.26	33586520	10.0000
Quetiapine	4.199	5885947	2647.01	500244.51	39441770	10.0000
Risperidone	3.967	10089409	3458725.93	356.36	37560598	10.0000
Sertraline	4.528	2280038	327254.13	2120.00	8971069	10.0000
Sufentanil	4.199	481475	6010.89	436.78	36234368	10.0000
Tapentadol	3.457	8447255	1517.38	1163.48	16848468	10.0000
Temazepam	4.668	7963962	943.66	168.56	32025731	10.0000
Topiramate	3.862	201408	135754.17	3089.59	760449	10.0000
Tramadol	3.438	23562835	∞	103.50	51760206	10.0000
Trazodone	4.030	6161620	1482298.19	1747.79	24456997	10.0000
Venlafaxine	3.806	10010087	21203.44	819.65	8971069	10.0000
Zaleplon	4.344	4006281	982.37	543.88	39441770	10.0000
Zolpidem	3.757	11635976	890602.09	1681.07	39441770	10.0000
Zopiclone	3.707	673682	95703.34	321427.29	2810676	10.0000

TS

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

Extraction Date: 02/01/2023
Plate lot#: 220802
Mobile phase A: 10mM Amm Form in LCMS Water
Blank Blood Lot: Lampire 23A52593
LCMS-QQQ ID: 069901

Analyst: Tamara Salazar
Plate Retest Date: 02/02/2023
Mobile phase B: 0.1% Formic acid in MeOH
Blank Urine Lot:
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:

TS

	1	2	3	4	5	6
A	IS + Cal. 1	IS + QC_1	P2023-0063-1	P2023-0138-1	P2023-0202-1	IS + QC_1
B	IS + Cal. 2	Neg Blood	P2023-0077-1	P2023-0154-1	P2023-0215-2	IS + Cal. 7
C	IS + Cal. 3	M2023-0072-3	P2023-0079-1	P2023-0162-2	P2023-0226-2	IS + Cal. 6
D	IS + Cal. 4	M2023-0093-3	P2023-0097-1	P2023-0168-1	P2023-0230-1	IS + Cal. 5
E	IS + Cal. 5	M2023-0332-5	P2023-0098-1	P2023-0173-1	P2023-0231-1	IS + Cal. 4
F	IS + Cal. 6	P2023-0038-1	P2023-0101-1	P2023-0174-1	P2023-0243-1	IS + Cal. 3
G	IS + Cal. 7	P2023-0044-1	P2023-0122-1	P2023-0176-1		IS + Cal. 2
H	IS + QC_1	P2023-0055-1	P2023-0129-2	P2023-0177-1	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	P2023-0063-1	P2023-0138-1	P2023-0202-1	
B	IS + Cal. 2	Neg Blood	P2023-0077-1	P2023-0154-1	P2023-0215-2	
C	IS + Cal. 3	M2023-0072-3	P2023-0079-1	P2023-0162-2	P2023-0226-2	
D	IS + Cal. 4	M2023-0093-3	P2023-0097-1	P2023-0168-1*	P2023-0230-1	
E	IS + Cal. 5	M2023-0332-5	P2023-0098-1	P2023-0173-1	P2023-0231-1	
F	IS + Cal. 6	P2023-0038-1	P2023-0101-1	P2023-0174-1	P2023-0243-1	
G	IS + Cal. 7	P2023-0044-1	P2023-0122-1	P2023-0176-1	P2023-0168-1	
H	IS + QC_1	P2023-0055-1	P2023-0129-2	P2023-0177-1*	P2023-0177-1	

SLE Plate Map

*Sample moved during step 5 of the analysis due to blood clot.

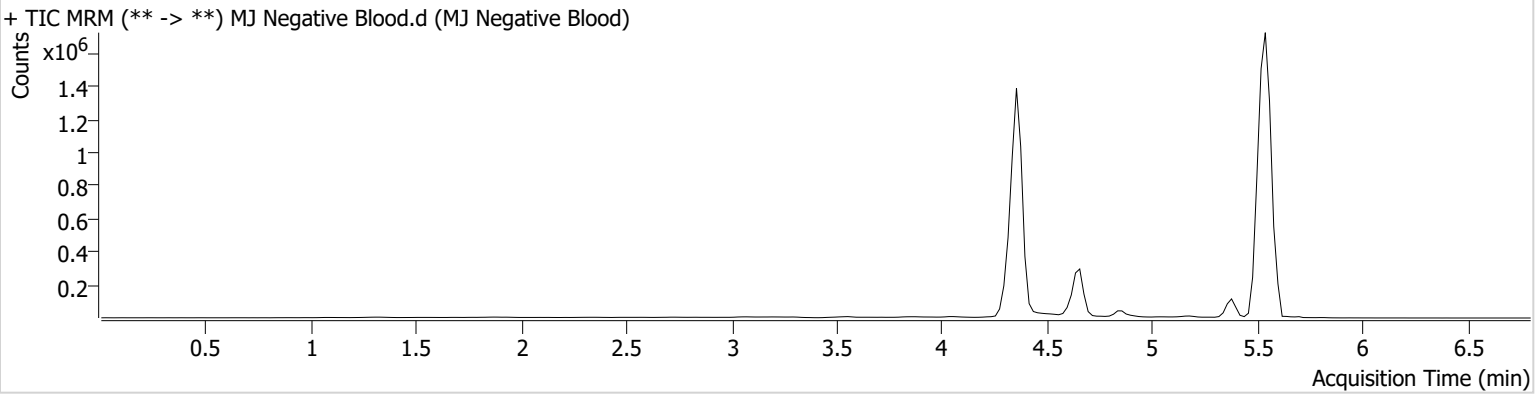
TS

AM #26 Cannabinoids Screen Results

Batch results	D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update	2/2/2023 8:11:18 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**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 3:14:34 PM		
Sample Info.			

Sample Chromatogram



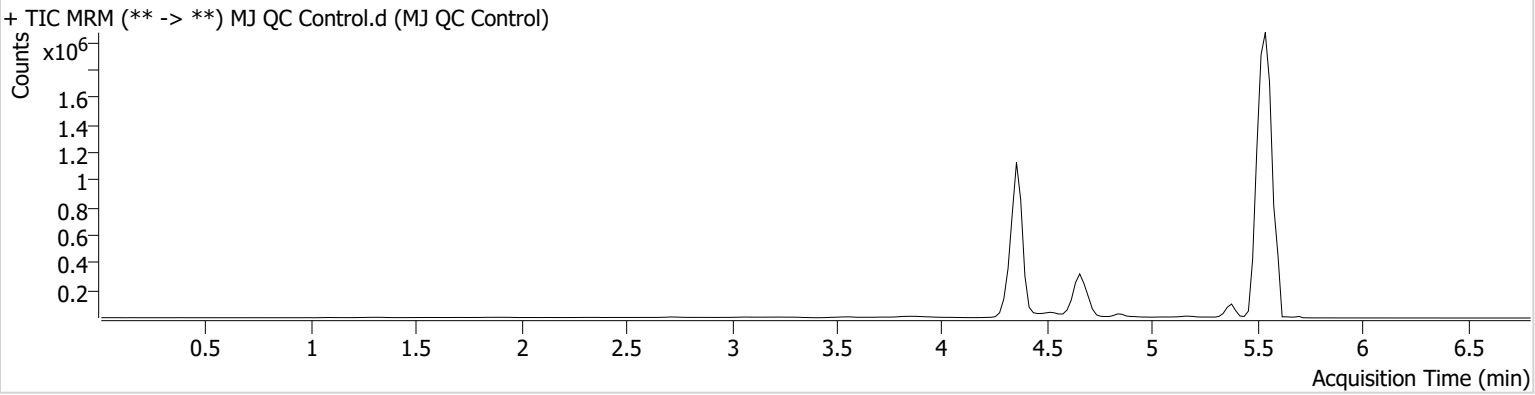
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/2/2023 8:11:18 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**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 2:59:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	6099	123624	5.4251	ng/ml
THC-COOH	4.676	202432	956295	14.7226	ng/ml
THC-OH	4.362	39381	4103017	4.4591	ng/ml

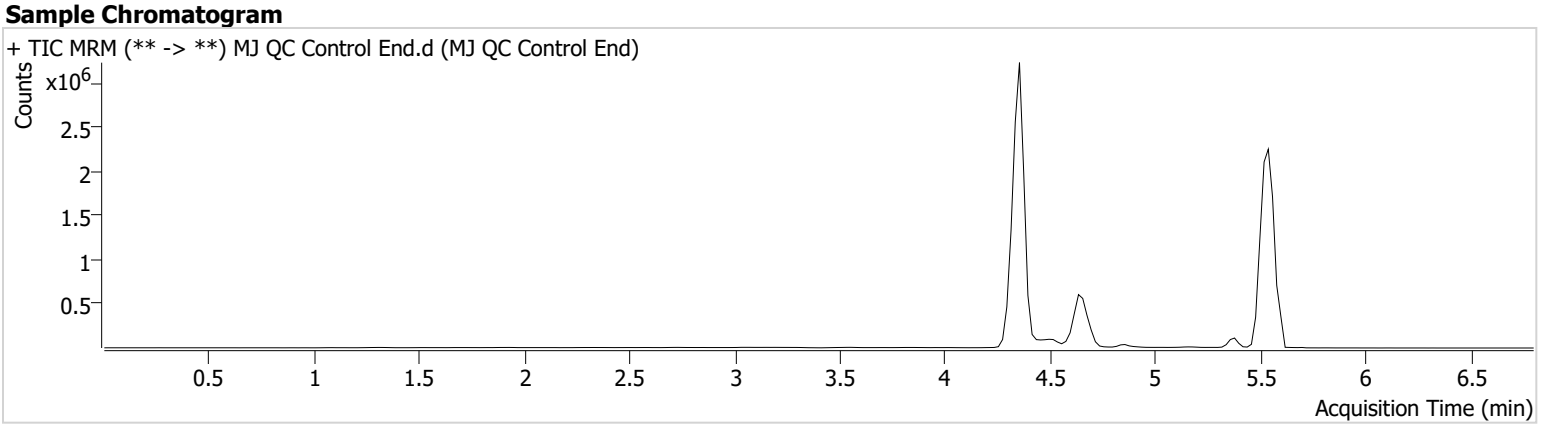
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/2/2023 8:11:18 AM

Instrument	Falco (069901)	**Data File**	MJ QC Control End.d
Type	QC	**Sample**	MJ QC Control End
Acq. Method	AM 26 THC.m	**Operator**	Tamara Salazar
Sample Position	P1-A2	**Comment**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 6:54:06 PM		
Sample Info.			

Sample Chromatogram

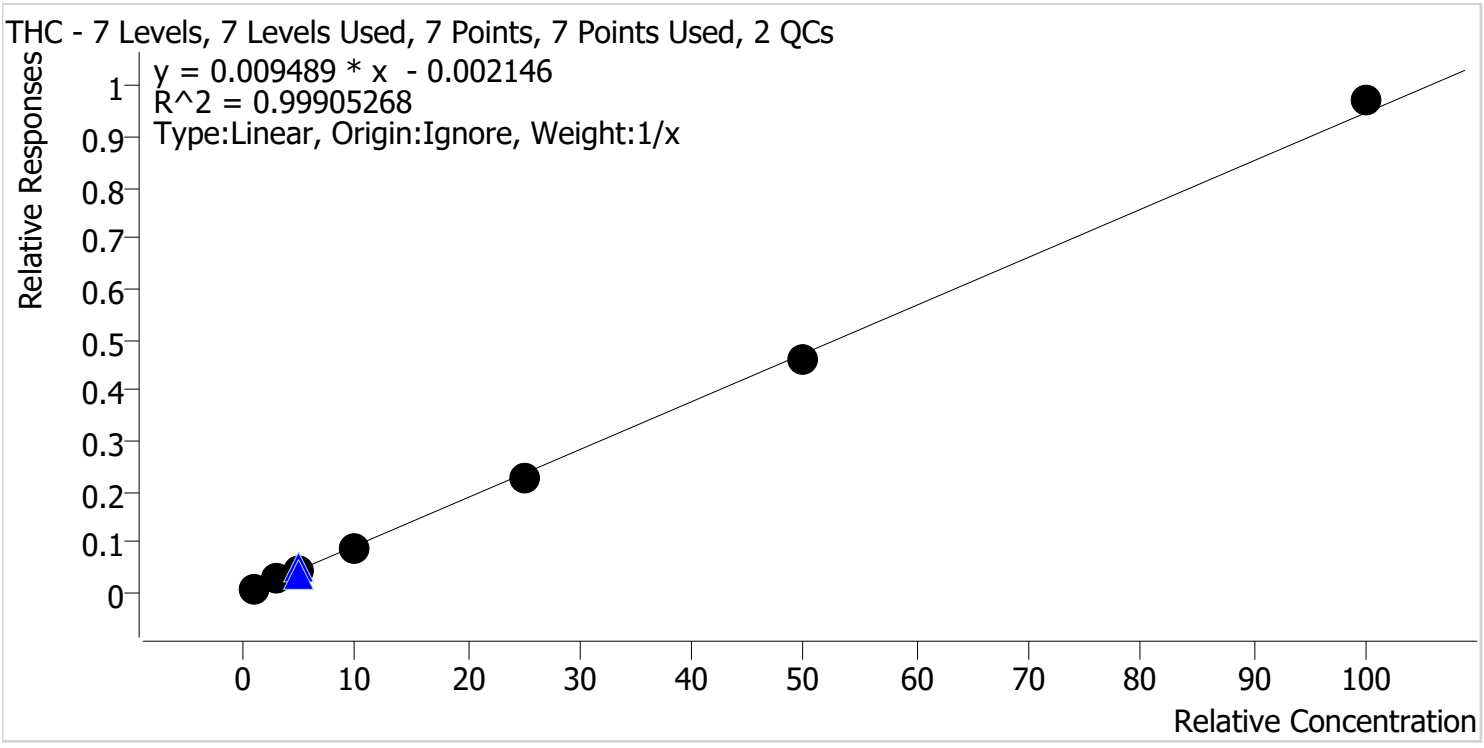


Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	7586	191228	4.4064	ng/ml
THC-COOH	4.676	328740	2037170	11.1045	ng/ml
THC-OH	4.362	105314	10884717	4.4983	ng/ml

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	2/2/2023 8:11 AM
Analyst Name	ISP\Datastor
Analyte	THC
Internal Standard	THC-D3

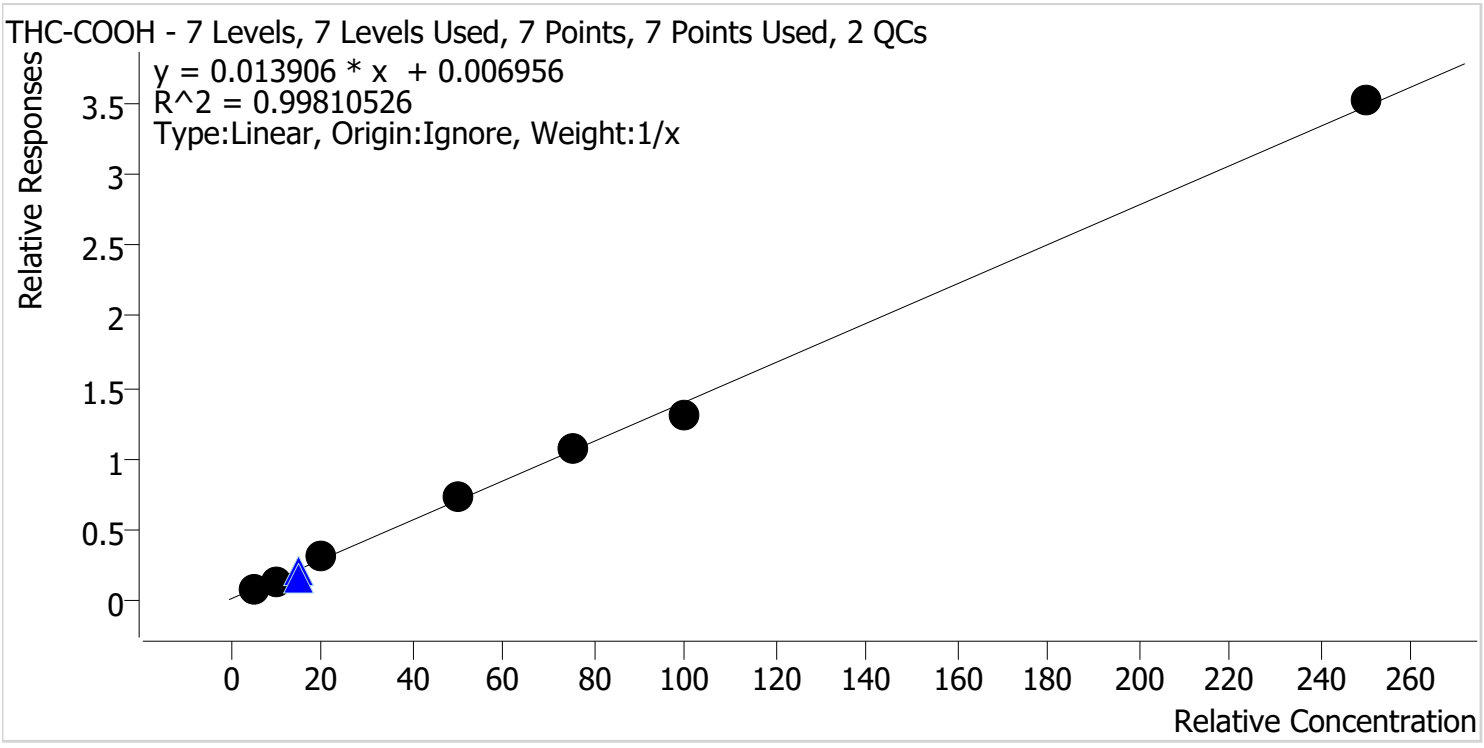


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	1.0	1.1	110.7
MJ Cal 2	2	✔	3.0	3.0	101.0
MJ Cal 3	3	✔	5.0	4.7	94.4
MJ Cal 4	4	✔	10.0	9.7	97.2
MJ Cal 5	5	✔	25.0	24.2	96.7
MJ Cal 6	6	✔	50.0	48.8	97.5
MJ Cal 7	7	✔	100.0	102.5	102.5

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	2/2/2023 8:11 AM
Analyst Name	ISP\Datastor
Analyte	THC-COOH
Internal Standard	THC-COOH-D9

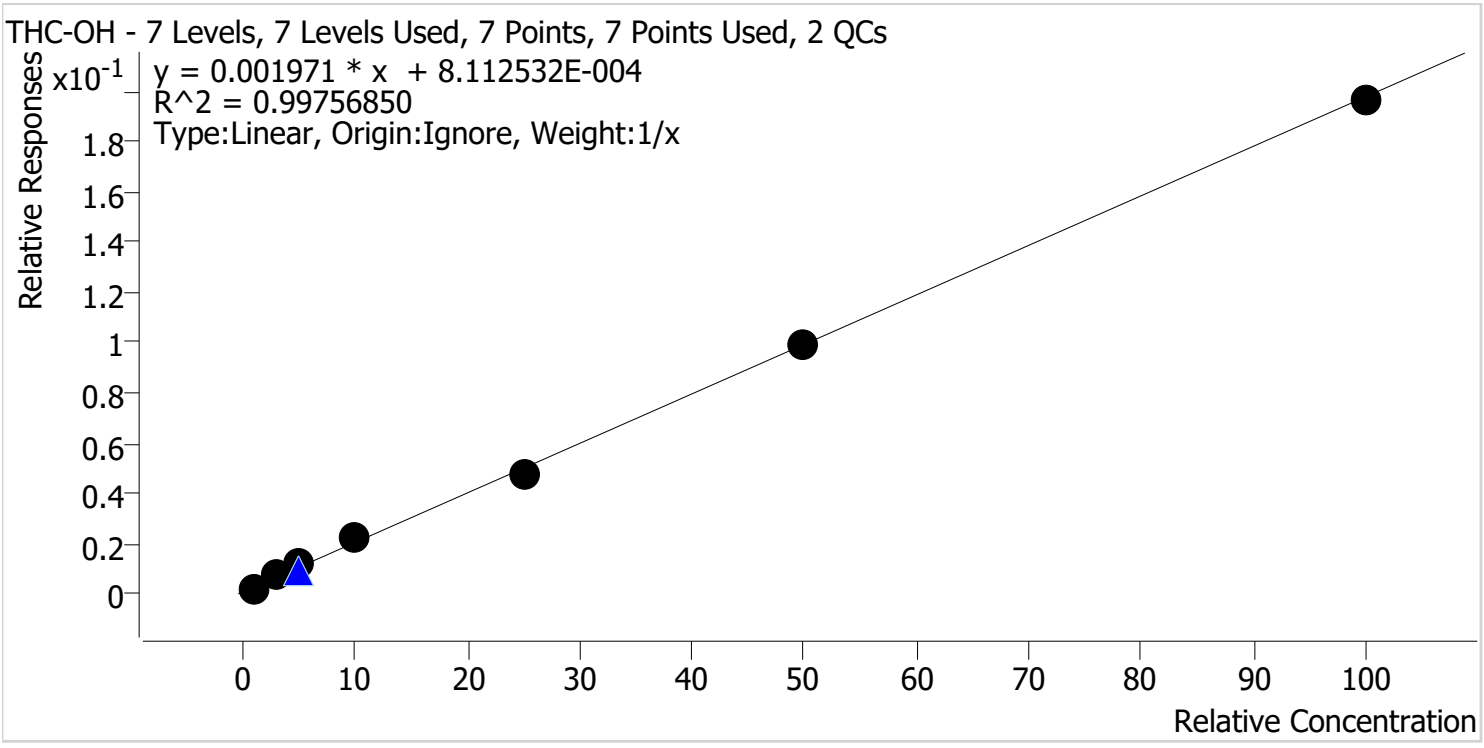


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	5.0	5.1	101.3
MJ Cal 2	2	✔	10.0	9.3	92.8
MJ Cal 3	3	✔	20.0	21.2	106.1
MJ Cal 4	4	✔	50.0	51.5	102.9
MJ Cal 5	5	✔	75.0	76.9	102.5
MJ Cal 6	6	✔	100.0	93.1	93.1
MJ Cal 7	7	✔	250.0	253.0	101.2

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	2/2/2023 8:11 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	0.7	65.9
MJ Cal 2	2	✔	3.0	3.5	117.1
MJ Cal 3	3	✔	5.0	5.6	112.7
MJ Cal 4	4	✔	10.0	10.9	108.6
MJ Cal 5	5	✔	25.0	24.0	96.2
MJ Cal 6	6	✔	50.0	50.1	100.2
MJ Cal 7	7	✔	100.0	99.2	99.2

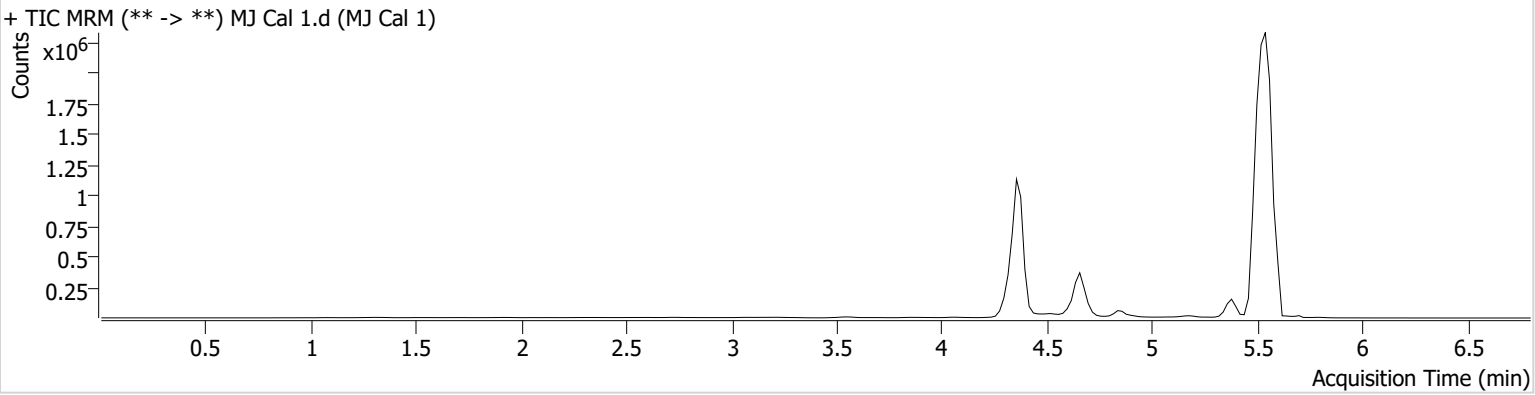
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/2/2023 8:11:18 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**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 2:06:14 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.		
THC	5.570	2919	349093	1.1072	ng/ml	**Low**
THC-COOH	4.676	97639	1261459	5.0660	ng/ml	
THC-OH	4.382	9222	4369173	0.6595	ng/ml	**Low**

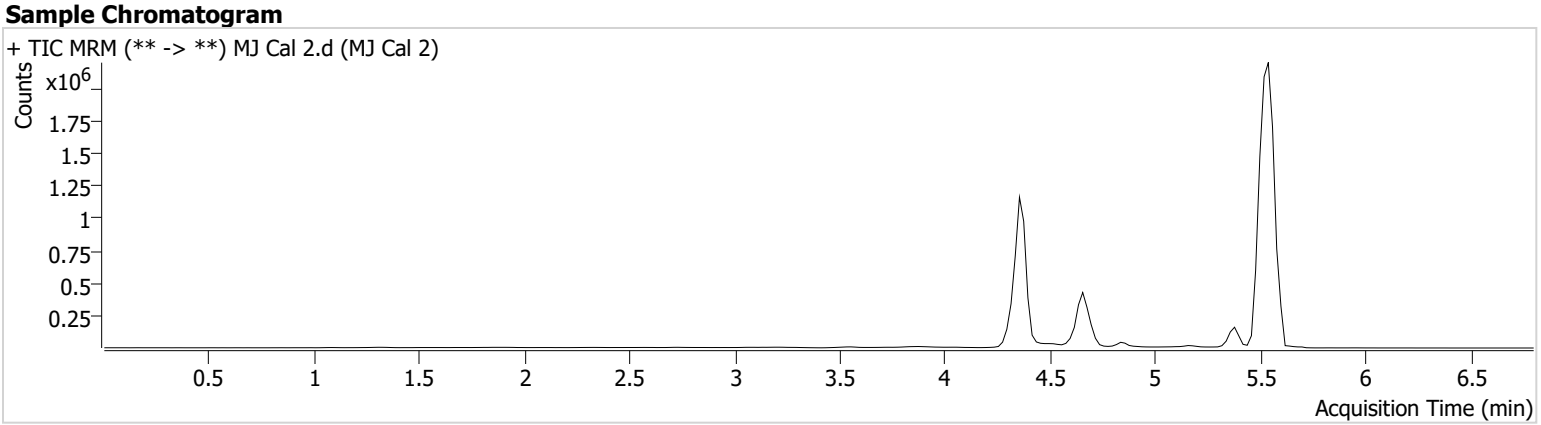
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/2/2023 8:11:18 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**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 2:13:58 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	13161	494635	3.0300	ng/ml
THC-COOH	4.676	201661	1482373	9.2828	ng/ml
THC-OH	4.382	32364	4183655	3.5140	ng/ml

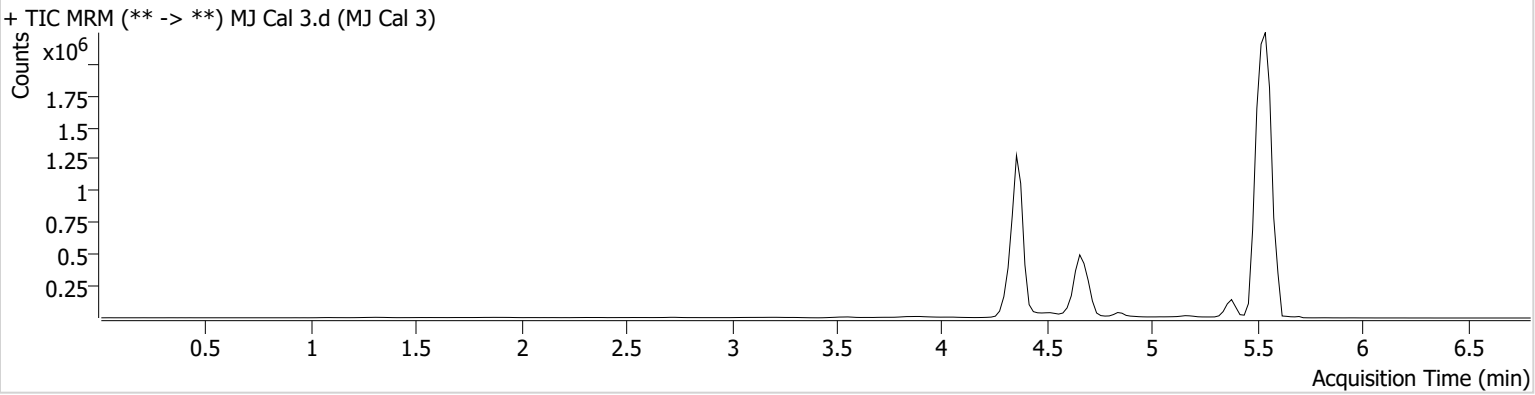
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/2/2023 8:11:18 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**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 2:21:31 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	16125	378032	4.7211	ng/ml
THC-COOH	4.676	406032	1343768	21.2291	ng/ml
THC-OH	4.382	53475	4486629	5.6368	ng/ml

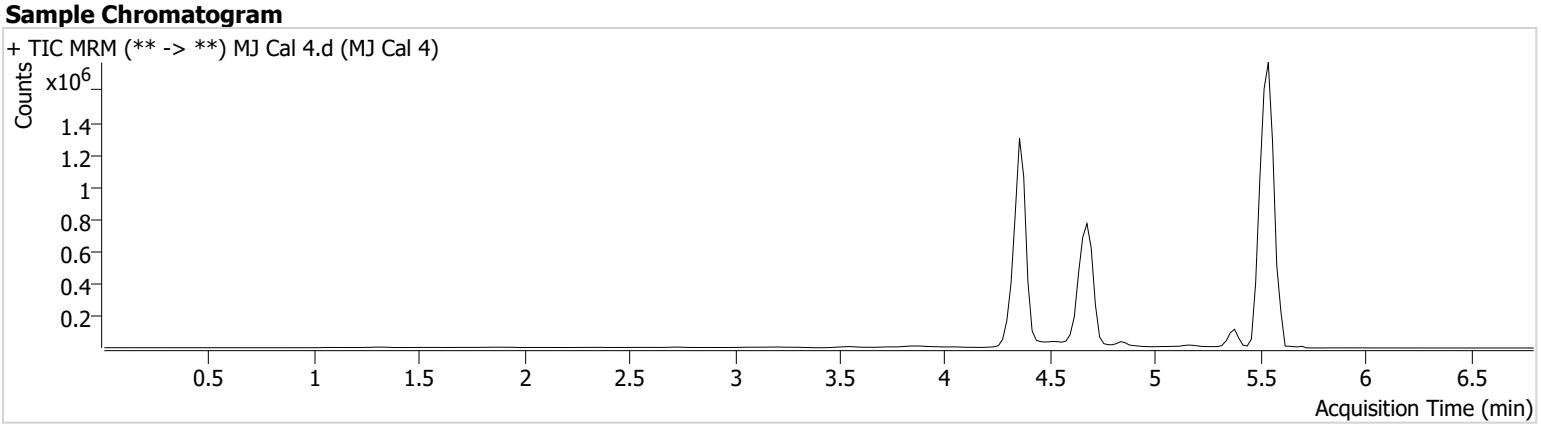
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/2/2023 8:11:18 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**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 2:29:06 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	20462	227179	9.7180	ng/ml
THC-COOH	4.676	951756	1317263	51.4591	ng/ml
THC-OH	4.382	94492	4253562	10.8617	ng/ml

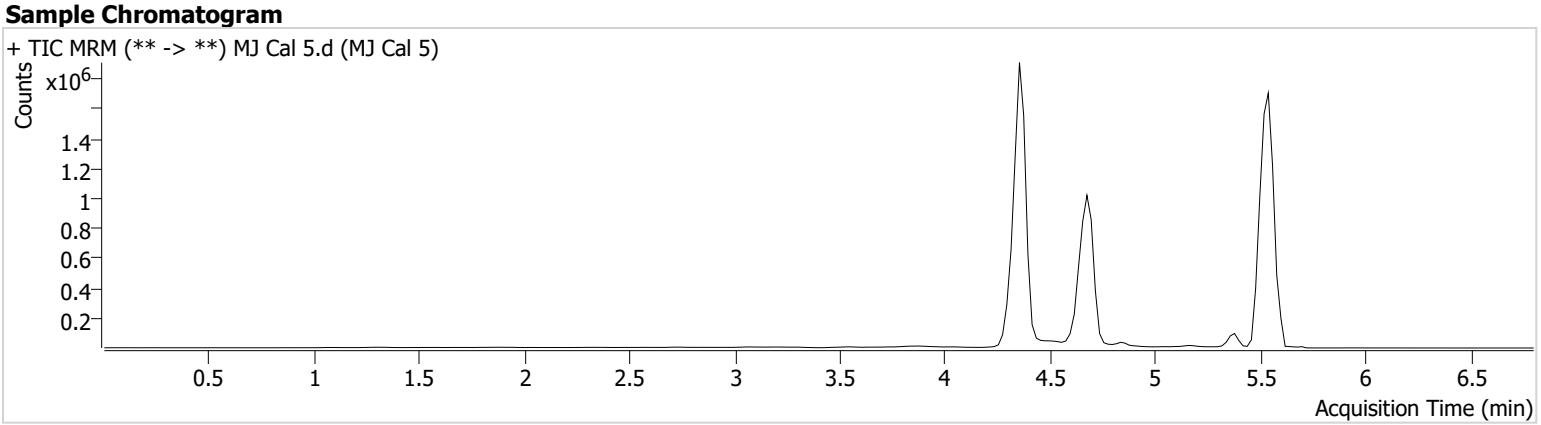
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/2/2023 8:11:18 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**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 2:36:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	46616	205214	24.1644	ng/ml
THC-COOH	4.676	1396165	1297431	76.8858	ng/ml
THC-OH	4.362	272935	5663267	24.0453	ng/ml

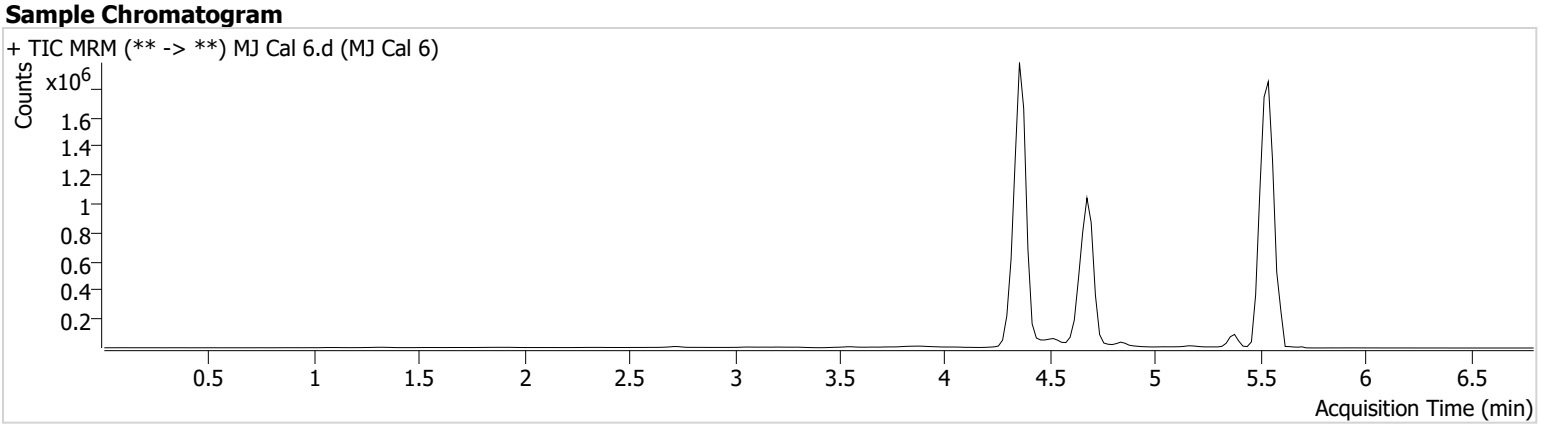
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/2/2023 8:11:18 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**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 2:44:16 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	73546	159697	48.7578	ng/ml
THC-COOH	4.676	1438994	1105924	93.0713	ng/ml
THC-OH	4.362	444477	4465373	50.1012	ng/ml

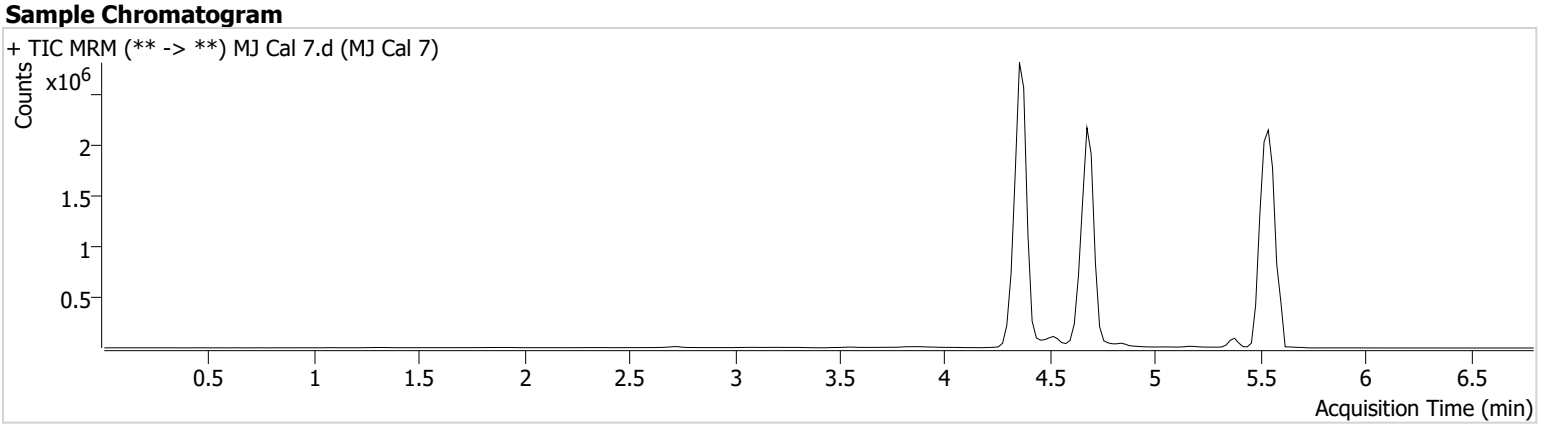
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2023\AM 25 26\020123 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 2/2/2023 8:11:18 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**	
Injection Volume	10		
Acq. Date-Time	2/1/2023 2:51:50 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	5.570	96460	99389	102.5015	ng/ml
THC-COOH	4.676	3218916	913127	253.0059	ng/ml
THC-OH	4.362	854042	4351719	99.1815	ng/ml