

**REVIEWED**

By Sarah Pickle at 10:10 am, Jul 24, 2020

TS

7/24/2020

**Worklist: 4372**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-2515	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2521	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2575	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2602	5	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1246	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1529	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1630	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1631	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1631	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1978	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1979	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1980	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1982	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1983	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2025	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2026	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2027	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2028	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2029	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2040	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2055	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 4372

15

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2020-2057	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2059	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2072	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

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

15

Extraction Date: 07/22/2020  
Plate Item #: IDP-107-2 Plate Lot#: 200511

Analyst: Tamara Salazar  
Plate Expiration: 11/11/2020

**Mobile phase A:** 10mM Amm Form  
0.5M Ammonium Hydroxide

**Mobile phase B:** 0.1% Formic Acid in MeOH  
Ethyl Acetate LC Methanol

**Blank Blood Lot:** Hemostat 445283-4  
**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. Pipette **250µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: 42**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 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. Reconstitute in **100µL 20% LC MeOH in Water** 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 5 or greater, or 2-5 for discretionary range.
- 4. Did all QCs pass for each analyte? Y / N \_\_\_\_\_
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Original injections on 07/22/2020 showed signs of possible methamphetamine contamination. The source of the contamination was traced to one of the mobile phase bottles. The mobile phase was remade and the samples were reinjected on 07/23/2020.

P2020-1670 from worklist 4320 re-extracted with this set to look for newly added compounds.

Norbuprenorphine not evaluated.

# AM #25 Multi-Drug Screen Results

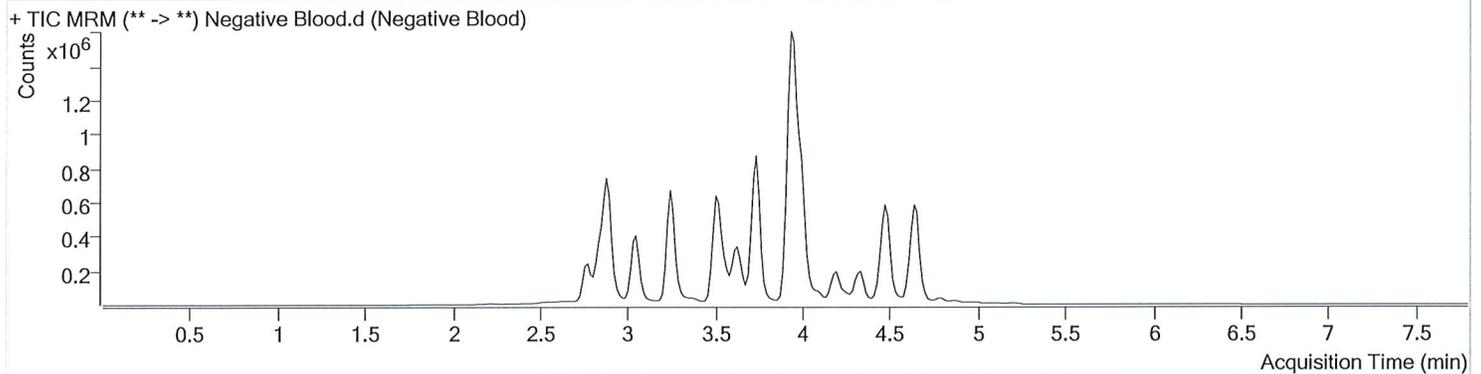


Batch results D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 wk1st 4372 TS\_reinjects\QuantResults\am  
25\_reinjects.batch.bin

Calibration Last Update 7/24/2020 9:04:26 AM

<b>Instrument</b>	Falco	<b>Data File</b>	Negative Blood.d
<b>Type</b>	Sample	<b>Sample</b>	Negative Blood
<b>Acq. Method</b>	AM 25 061720.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P1-D12	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	7/23/2020 9:31:06 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



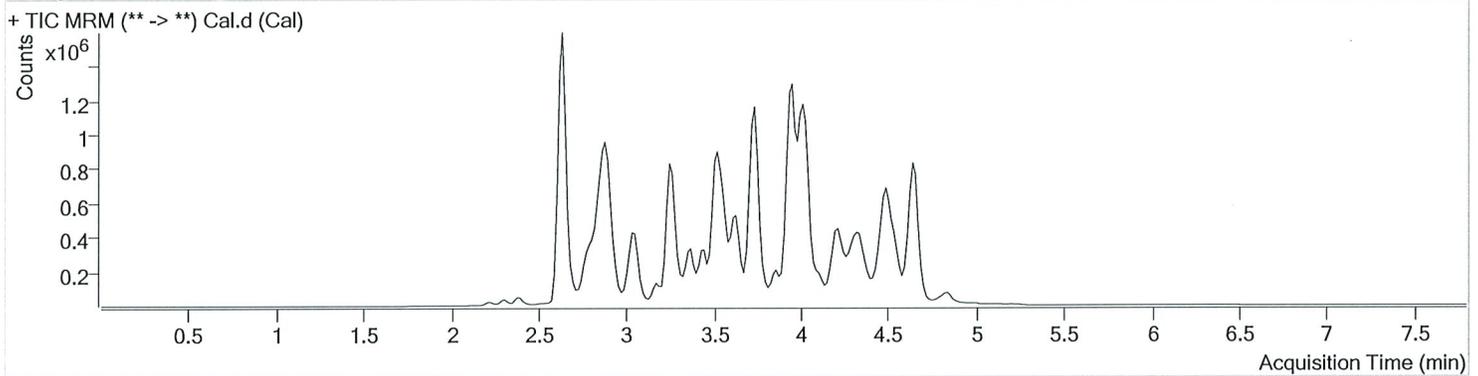
# AM #25 Multi-Drug Screen Results



**Batch results** D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 wklst 4372 TS\_reinjects\QuantResults\am 25\_reinjects.batch.bin  
**Calibration Last Update** 7/24/2020 9:04:26 AM

**Instrument** Falco **Data File** Cal.d  
**Type** Cal **Sample** Cal  
**Acq. Method** AM 25 061720.m **Operator** Tamara Salazar  
**Sample Position** P1-H12 **Comment**  
**Injection Volume** 5  
**Acq. Date-Time** 7/23/2020 9:22:35 AM  
**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	2.831	2594	4692.88	2722.82	81474	10.0000
7-aminoclonazepam	3.569	96535	60339.86	405.43	447492	10.0000
7-aminoflunitrazepam	3.783	154990	46.43	1378.62	447492	10.0000
Acetyl Fentanyl	3.702	15328	1550.69	4303.65	1825022	10.0000
Acetyl Norfentanyl	2.840	16151	72.41	26.98	1825022	10.0000
a-hydroxyalprazolam	4.500	16877	23.77	113.95	447492	10.0000
alpha-hydroxymidazolam	4.498	95347	26.36	22575.51	447492	10.0000
Alpha-PHP	3.711	155875	138.14	74.68	1825022	10.0000
alpha-PVP	3.452	248914	208.40	36.80	594898	10.0000
Alprazolam	4.626	172718	254.49	828.96	1785870	10.0000
Amitriptyline	4.323	176836	6.96	22.99	314448	10.0000
Amphetamine	2.813	230855	91.22	343.01	594898	10.0000
Benzoylcegonine	3.385	56617	62.63	83.20	34416	10.0000
Brompheniramine	3.948	3838	1410.05	12320.95	3077441	10.0000
Buprenorphine	4.005	19733	8847.75	1399.14	105921	10.0000
Bupropion	3.635	216278	726.36	86.84	802942	10.0000
Carbamazepine	4.219	574758	430.46	392.45	93272	10.0000
Carisoprodol	4.202	78849	93684.85	17.89	487535	10.0000
Chlordiazepoxide	4.581	55380	39.34	78.05	1785870	10.0000
Chlorpheniramine	3.861	1537	862.26	1352.02	3077441	10.0000
Citalopram	3.994	157395	118.50	44.92	3077441	10.0000
Clomipramine	4.517	153585	109104.33	692.95	3077441	10.0000
Clonazepam	4.425	137504	142150.76	22.69	1785870	10.0000
Clonazolam	4.375	82409	273.22	28454.80	1785870	10.0000
Cocaethylene	3.718	289092	∞	72847.84	1807613	10.0000
Cocaine	3.506	323242	262051.18	35597.77	1807613	10.0000
Codeine	2.729	20201	7.01	28275.07	664966	10.0000
Cyclobenzaprine	4.262	121081	59389.26	163.01	314448	10.0000
Desipramine	4.294	191869	5225.03	1568.55	314448	10.0000
Dextromethorphan	4.000	94922	53455.05	294.65	498287	10.0000
Dextrorphan	3.325	133662	75068.27	186.15	498287	10.0000
Diazepam	4.843	105674	189.22	∞	1785870	10.0000
Dihydrocodeine	2.697	52571	67.12	30.76	664966	10.0000

Cal

# AM #25 Multi-Drug Screen Results



TS

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Diphenhydramine	3.955	392912	615.45	3497.80	3077441	10.0000
Doxepin	4.061	78011	15538.32	9.10	984764	10.0000
Doxylamine	3.554	534593	107.22	185.88	498287	10.0000
EDDP	4.029	186488	245.56	99693.25	116720	10.0000
Estazolam	4.535	425011	115.37	179170.28	1785870	10.0000
Etizolam	4.651	17671	6947.93	38469.58	1785870	10.0000
Fentanyl	3.931	8982	24944.57	2934.69	670434	10.0000
Flualprazolam	4.499	54743	53.51	322.71	1785870	10.0000
Flunitrazepam	4.548	217105	97.90	40257.43	1785870	10.0000
Fluoxetine	4.242	148326	129426.83	3.87	374404	10.0000
Flurazepam	4.037	121862	75848.53	16406.97	1785870	10.0000
Hydrocodone	2.896	89942	19.97	177.55	664966	10.0000
Hydromorphone	2.382	70961	148.52	244.84	9913	10.0000
Imipramine	4.291	226016	127.38	55.68	314448	10.0000
Ketamine	3.281	237447	412.52	70.56	837449	10.0000
Lamotrigine	3.419	21117	30.41	47.49	3077441	10.0000
Levamisole	2.871	173485	65.83	294.56	1807613	10.0000
Levetiracetam	2.628	74963	20.98	52.02	3077441	10.0000
Lorazepam	4.424	43736	124.18	38.50	1785870	10.0000
Maprotiline	4.323	175730	25.90	∞	314448	10.0000
MDA	2.933	130908	∞	∞	1290601	10.0000
MDEA	3.176	225979	∞	∞	1290601	10.0000
MDMA	3.024	287437	252.87	69.65	1290601	10.0000
Meperidine	3.511	136489	∞	1989.53	498287	10.0000
Meprobamate	3.637	32883	21422.01	568.17	487535	10.0000
Methadone	4.319	249648	1006.62	98.50	116720	10.0000
Methamphetamine	2.919	304099	∞	70.31	1290601	10.0000
Methocarbamol	3.557	51996	92.54	43650.04	116720	10.0000
Methylphenidate	3.436	525280	275.94	263.12	956343	10.0000
Metoprolol	3.386	33140	35602.47	28200.60	498287	10.0000
Midazolam	4.392	23977	7618.16	11602.10	1785870	10.0000
Mirtazapine	3.617	140432	7985.74	166.60	498287	10.0000
Mitragynine	4.083	13214	12180.54	18626.56	498287	10.0000
Morphine	2.214	13791	59.43	111.28	9913	10.0000
Norbuprenorphine	3.761	1338	19.60	2917.63	105921	10.0000
Nordiazepam	4.677	100382	5402.07	29368.52	1785870	10.0000
Norfentanyl	3.267	386551	161.75	123.02	1825022	10.0000
Norhydrocodone	2.882	3512	549.33	624.07	9913	10.0000
Norketamine	3.252	34925	12.86	724.49	837449	10.0000
Normeperidine	3.528	126661	27344.42	5767.84	3077441	10.0000
Noroxycodone	2.835	107319	50.45	69.03	837449	10.0000
Nortriptyline	4.340	65765	27510.61	13.93	314448	10.0000
O-desmethyl-tramadol	2.853	461400	6901.26	101.09	3077441	10.0000
Olanzapine	3.213	6049	∞	1125.03	93272	10.0000
Oxazepam	4.490	203045	77.27	34.26	1243034	10.0000
Oxycodone	2.848	183631	∞	44.11	837449	10.0000
Oxymorphone	2.301	62104	131.24	115.63	9913	10.0000
Paroxetine	4.254	17448	121.38	29.49	374404	10.0000
Phenazepam	4.636	200368	328.21	757.57	1785870	10.0000
Phencyclidine	3.864	189429	340.06	29.91	498287	10.0000
Phentermine	3.071	68793	∞	11.44	956343	10.0000
Phenytoin	4.110	167570	25576.74	14994.03	93272	10.0000
Promethazine	4.214	250125	127.25	18519.87	3077441	10.0000
Pseudoephedrine	2.644	4139165	2428.22	18682.02	1290601	10.0000
Quetiapine	4.160	120161	31506.94	50488.96	2484085	10.0000
Sertraline	4.457	58660	55670.83	12220.89	374404	10.0000
Sufentanil	4.191	7058	4041.92	17.07	1825022	10.0000
Tapentadol	3.375	227377	173.72	88.44	837449	10.0000
Temazepam	4.657	318089	∞	11.77	1785870	10.0000
Tramadol	3.356	527743	41697.19	7.86	3077441	10.0000

Cal

Low  
7/24/20  
OK  
D

# AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Trazodone	4.007	229453	55.02	142353.84	984764	10.0000
Venlafaxine	3.722	392073	405.30	34.76	374404	10.0000
Zaleplon	4.366	260228	140983.92	89.45	2484085	10.0000
Zolpidem	3.750	468518	437274.72	915.22	2484085	10.0000
Zopiclone	3.655	43485	186.98	33795.56	243142	10.0000

# AM# 26: THC and Metabolites Screen in Blood by LC-MS/MS

TS

Extraction Date: 07/22/2020

Analyst: Tamara Salazar

Plate lot# IDP-108-2, 200303

Plate Expiration: 09-03-2020

**Mobile phase A:** 10mM Ammonium Formate  
0.1% Formic Acid in Water

**Mobile phase B:** 0.1% Formic acid in MeOH  
MTBE Hexane

**Blank Blood Lot:** 445283-4

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

**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, add **1000 µL blood** into the appropriate wells of analytical (standards) plate.  
**Pipette ID: #42**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **500 µL 0.1% formic acid in water** for blood samples in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **800 µL of blood+acid** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 4 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 **2.25 mL 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 **2.25 mL 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. Calculated sample concentration of 3 ng/mL or greater for THC and THC-OH, a calculated sample concentration of 10 ng/mL or greater for Carboxy-THC.
- 3. Retention time within +/- 2% or +/- .100 min whichever is greater of the average retention time of the calibrators.
- 4. Did all QCs pass for each analyte? Y / N
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: *Curves limited: THC 3-100,*

TS

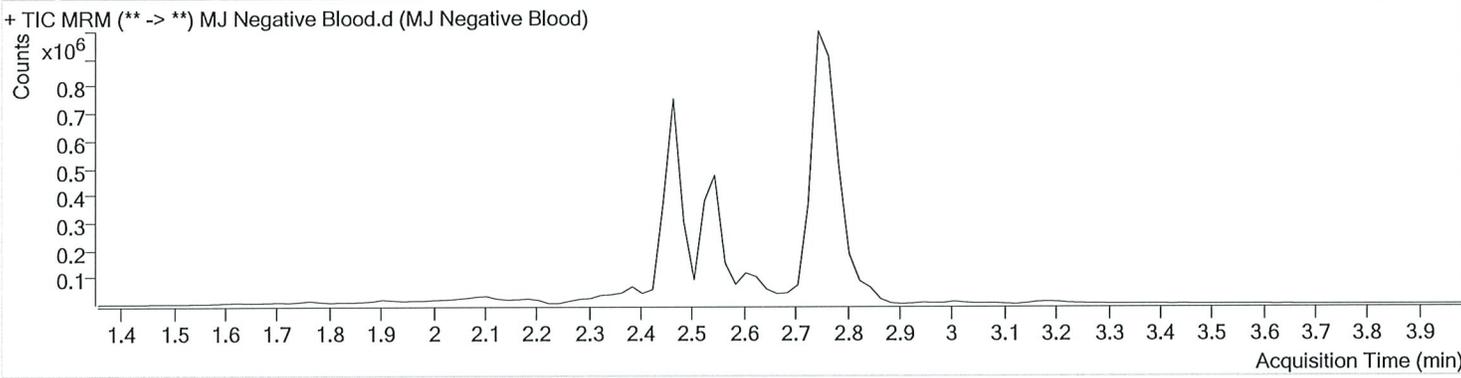


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 7/23/2020 5:33:46 PM

<b>Instrument</b>	Falco	<b>Data File</b>	MJ Negative Blood.d
<b>Type</b>	Sample	<b>Sample</b>	MJ Negative Blood
<b>Acq. Method</b>	am 26 test.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P3-A2	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	7/22/2020 12:32:05 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



TS

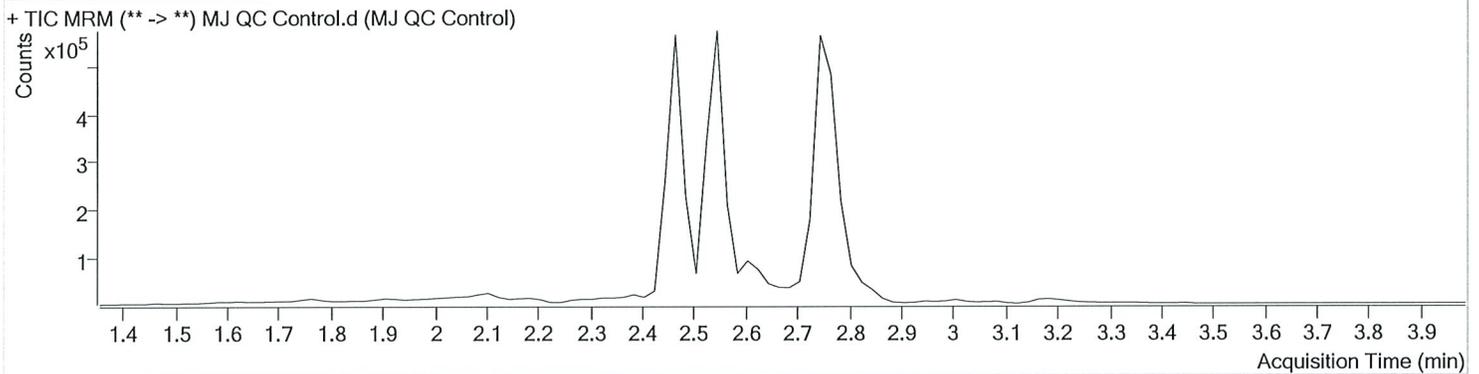


# AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
Calibration Last Update 7/23/2020 5:33:46 PM

<b>Instrument</b>	Falco	<b>Data File</b>	MJ QC Control.d
<b>Type</b>	Sample	<b>Sample</b>	MJ QC Control
<b>Acq. Method</b>	am 26 test.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P3-H1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	7/22/2020 12:19:03 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.799	5172	171172	3.3957 ng/ml
THC-COOH	2.545	159943	726283	15.5248 ng/ml
THC-OH	2.471	9939	1148060	4.7111 ng/ml

TS



# AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin

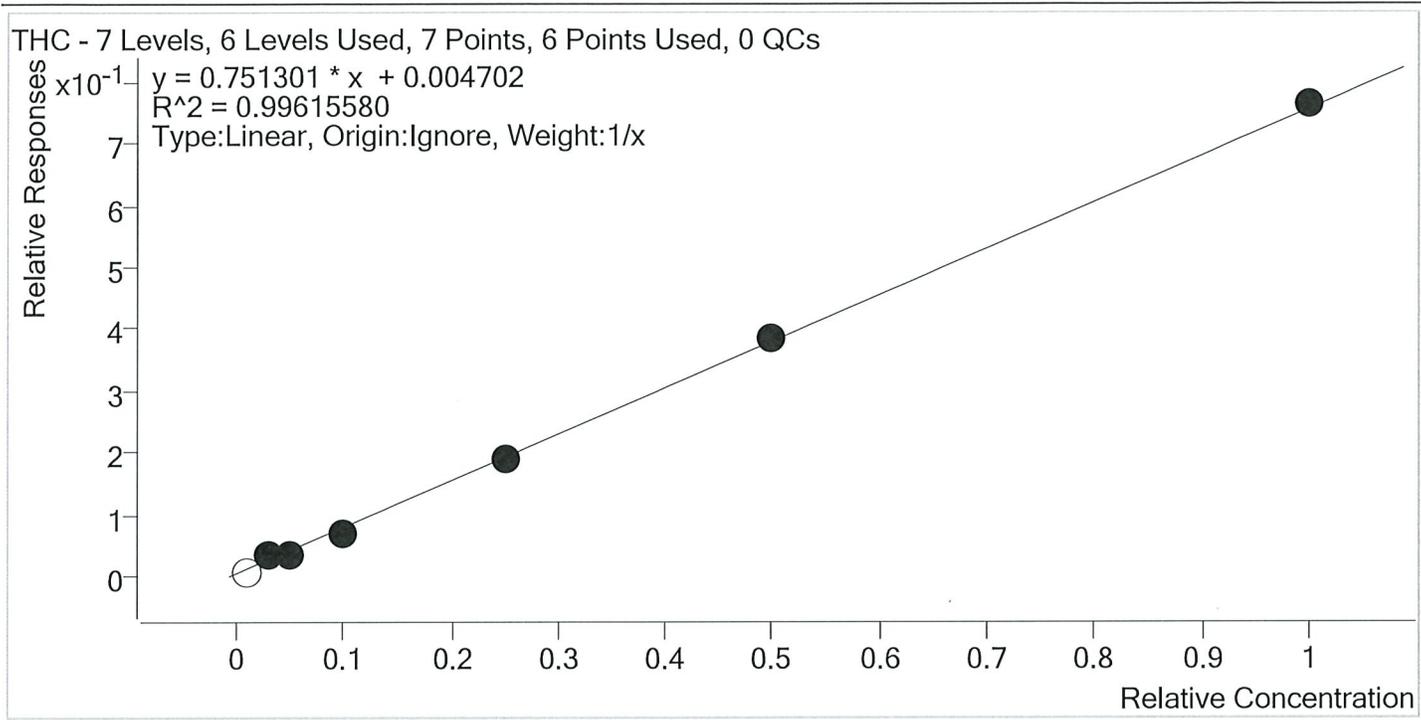
Last Cal. Update 7/23/2020 5:33 PM

Analyst Name ISP\datastor

Analyte THC

Internal Standard

THC-d3

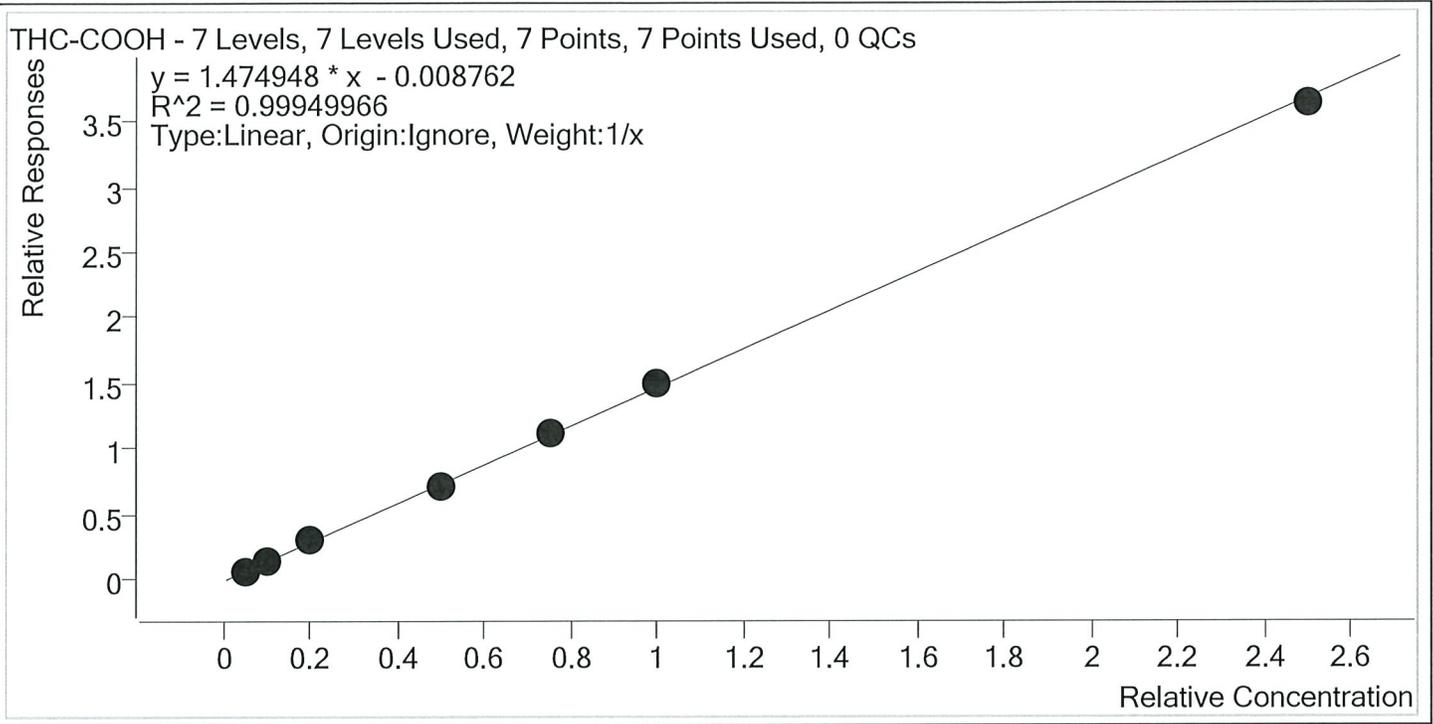


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	x	1.0	0.3	31.6
MJ Cal 2	2	✓	3.0	3.8	127.9
MJ Cal 3	3	✓	5.0	4.2	84.1
MJ Cal 4	4	✓	10.0	8.7	87.1
MJ Cal 5	5	✓	25.0	24.7	98.8
MJ Cal 6	6	✓	50.0	50.6	101.1
MJ Cal 7	7	✓	100.0	101.0	101.0



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk\st 4372 TS\QuantResults\AM 26.batch.bin  
**Last Cal. Update** 7/23/2020 5:33 PM  
**Analyst Name** ISP\datastor  
**Analyte** THC-COOH **Internal Standard** THC-COOH-d9

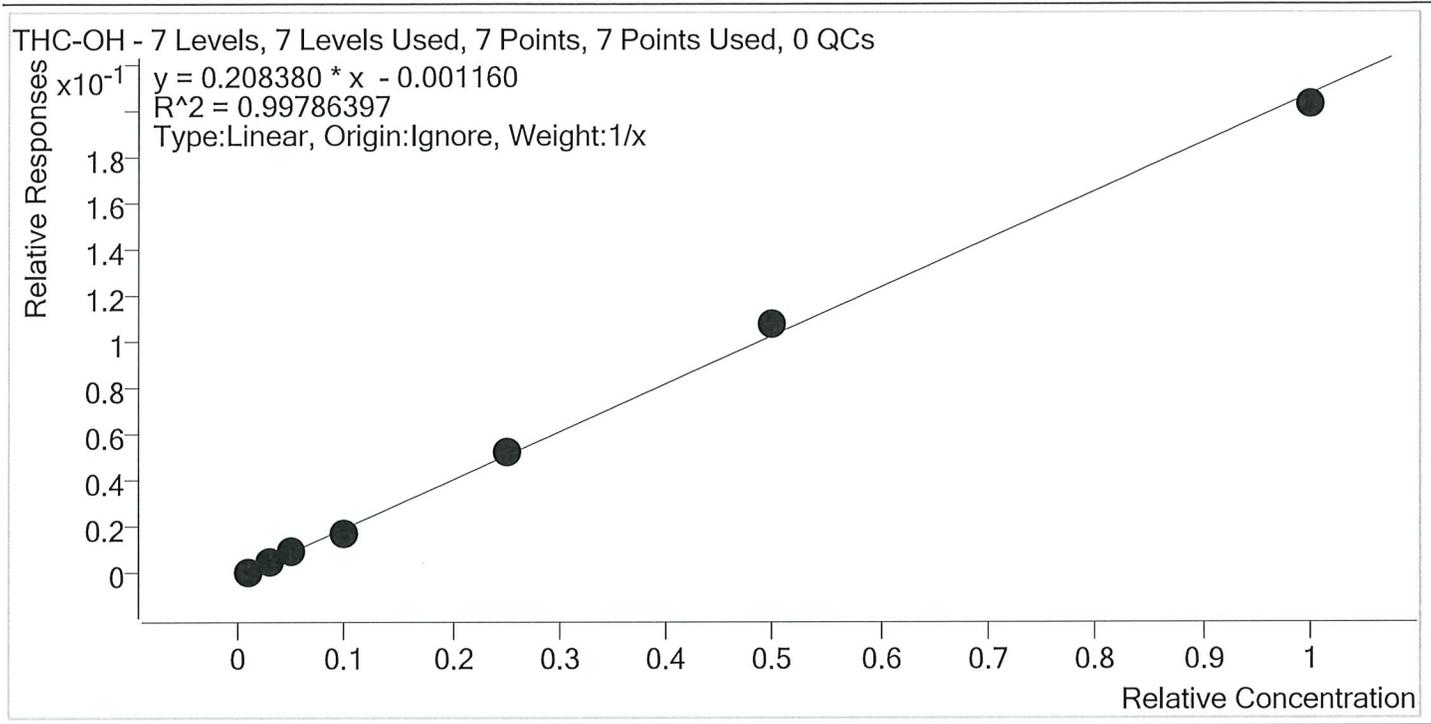


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.0	100.3
MJ Cal 2	2	✓	10.0	9.3	93.4
MJ Cal 3	3	✓	20.0	20.9	104.7
MJ Cal 4	4	✓	50.0	49.5	98.9
MJ Cal 5	5	✓	75.0	76.9	102.5
MJ Cal 6	6	✓	100.0	101.3	101.3
MJ Cal 7	7	✓	250.0	247.1	98.8



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
**Last Cal. Update** 7/23/2020 5:33 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	0.9	93.1
MJ Cal 2	2	✓	3.0	3.3	110.3
MJ Cal 3	3	✓	5.0	5.2	103.4
MJ Cal 4	4	✓	10.0	8.8	88.0
MJ Cal 5	5	✓	25.0	25.8	103.0
MJ Cal 6	6	✓	50.0	52.2	104.4
MJ Cal 7	7	✓	100.0	97.8	97.8

TS

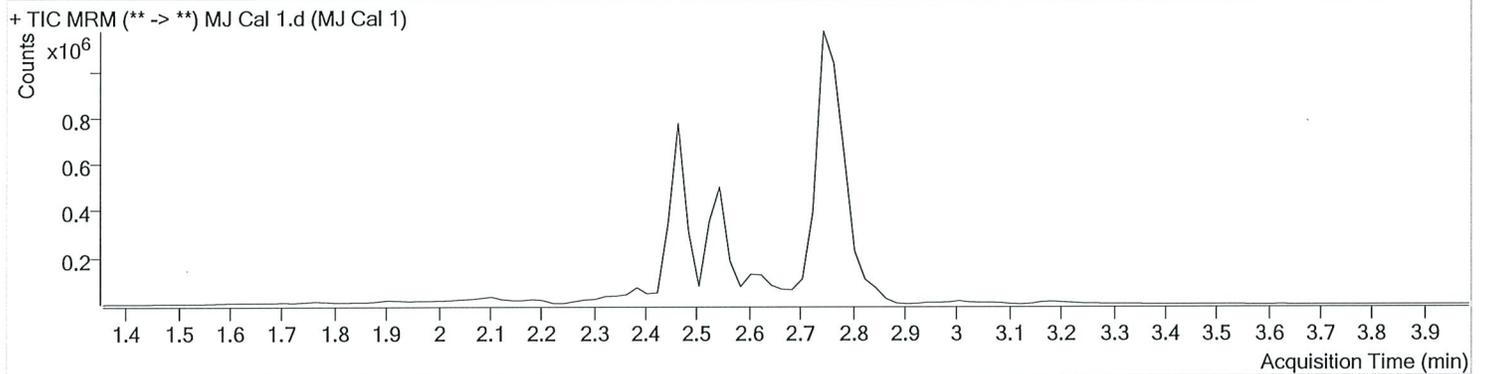


# AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
Calibration Last Update 7/23/2020 5:33:46 PM

<b>Instrument</b>	Falco	<b>Data File</b>	MJ Cal 1.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 1
<b>Acq. Method</b>	am 26 test.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P3-A1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	7/22/2020 11:33:09 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.799	4195	592645	0.3164 ng/ml	Low
THC-COOH	2.545	45546	698332	5.0160 ng/ml	
THC-OH	2.471	1235	1583843	0.9308 ng/ml	Low

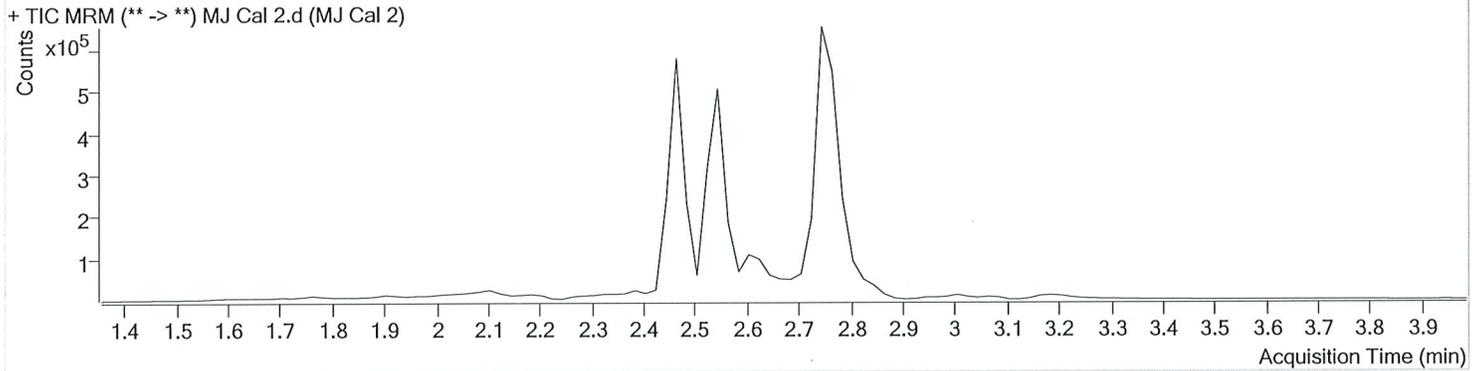


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 7/23/2020 5:33:46 PM

<b>Instrument</b>	Falco	<b>Data File</b>	MJ Cal 2.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 2
<b>Acq. Method</b>	am 26 test.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P3-B1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	7/22/2020 11:39:50 AM		
<b>Sample Info.</b>			

**Sample Chromatogram**



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.799	4318	128773	3.8378 ng/ml
THC-COOH	2.545	90347	700343	9.3404 ng/ml
THC-OH	2.471	6543	1141123	3.3084 ng/ml

B

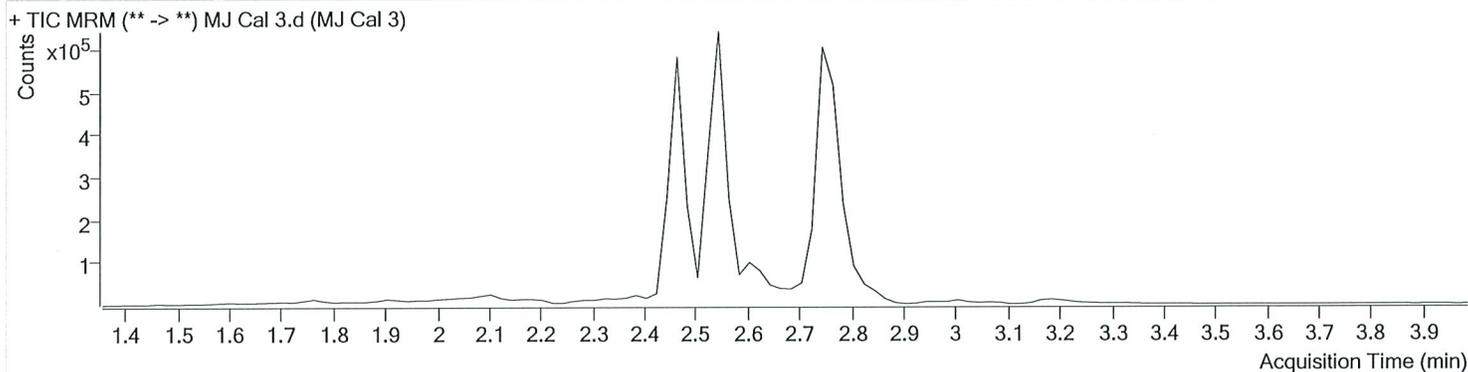


# AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
Calibration Last Update 7/23/2020 5:33:46 PM

<b>Instrument</b>	Falco	<b>Data File</b>	MJ Cal 3.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 3
<b>Acq. Method</b>	am 26 test.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P3-C1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	7/22/2020 11:46:23 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.799	7029	193632	4.2062 ng/ml
THC-COOH	2.545	217753	725388	20.9466 ng/ml
THC-OH	2.471	11311	1176528	5.1703 ng/ml

TS

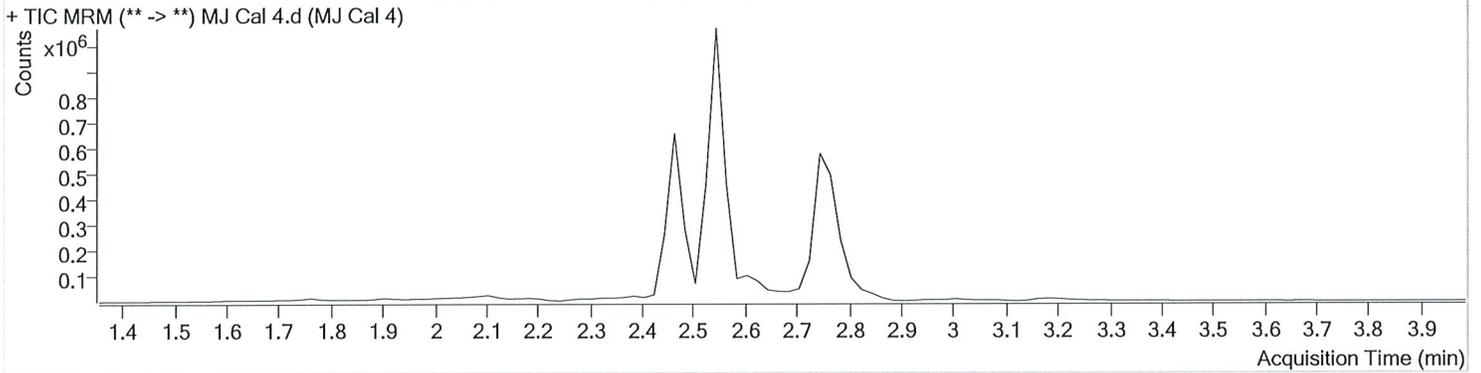


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 7/23/2020 5:33:46 PM

<b>Instrument</b>	Falco	<b>Data File</b>	MJ Cal 4.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 4
<b>Acq. Method</b>	am 26 test.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P3-D1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	7/22/2020 11:52:55 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.799	13987	199463	8.7074 ng/ml
THC-COOH	2.545	553099	767551	49.4502 ng/ml
THC-OH	2.471	21260	1238201	8.7963 ng/ml

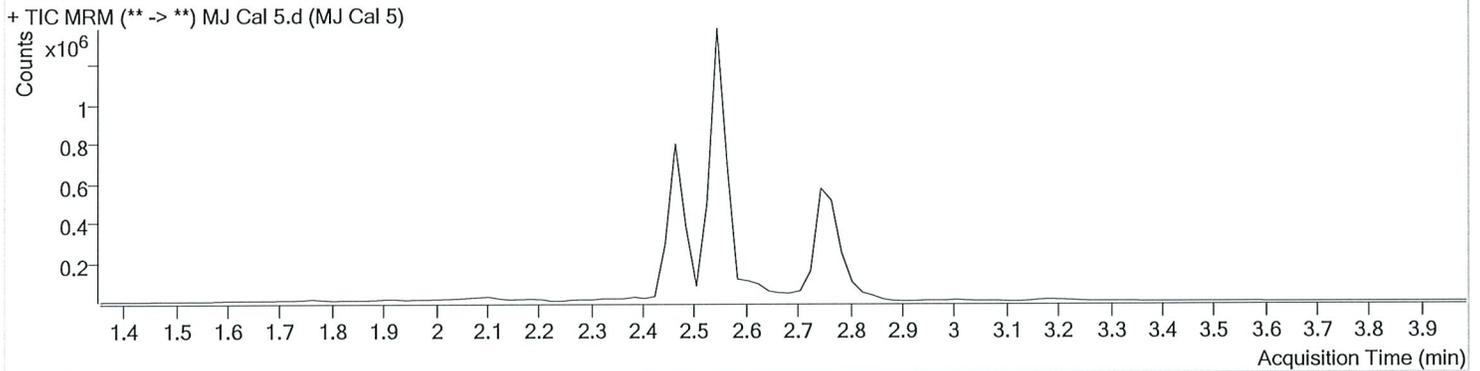


# AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
Calibration Last Update 7/23/2020 5:33:46 PM

<b>Instrument</b>	Falco	<b>Data File</b>	MJ Cal 5.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 5
<b>Acq. Method</b>	am 26 test.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P3-E1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	7/22/2020 11:59:26 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.799	34203	179846	24.6878 ng/ml
THC-COOH	2.545	842265	748467	76.8896 ng/ml
THC-OH	2.471	63005	1199613	25.7612 ng/ml

TS

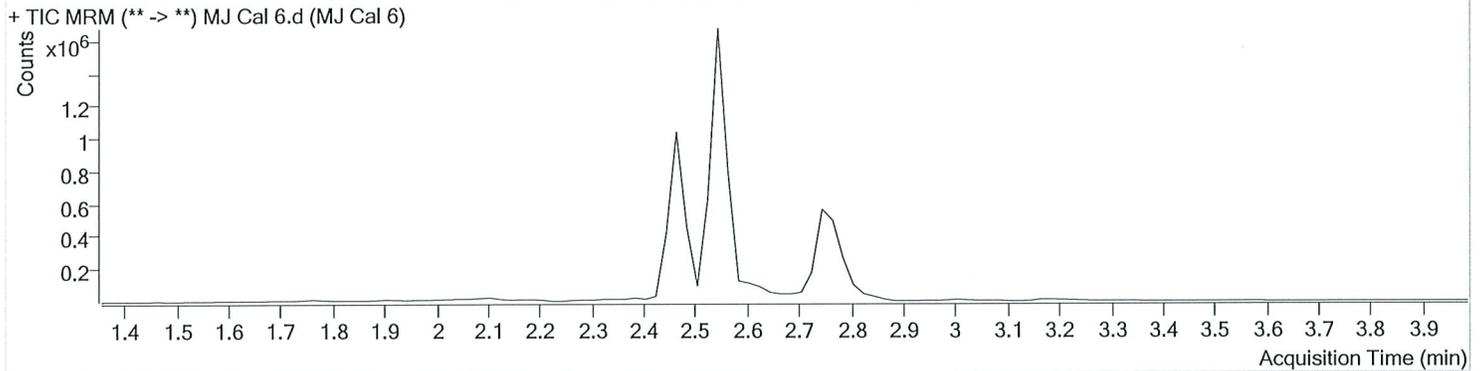


# AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
Calibration Last Update 7/23/2020 5:33:46 PM

<b>Instrument</b>	Falco	<b>Data File</b>	MJ Cal 6.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 6
<b>Acq. Method</b>	am 26 test.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P3-F1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	7/22/2020 12:05:59 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.799	68115	177110	50.5640 ng/ml
THC-COOH	2.545	1092353	735411	101.3003 ng/ml
THC-OH	2.471	130041	1208478	52.1967 ng/ml

B

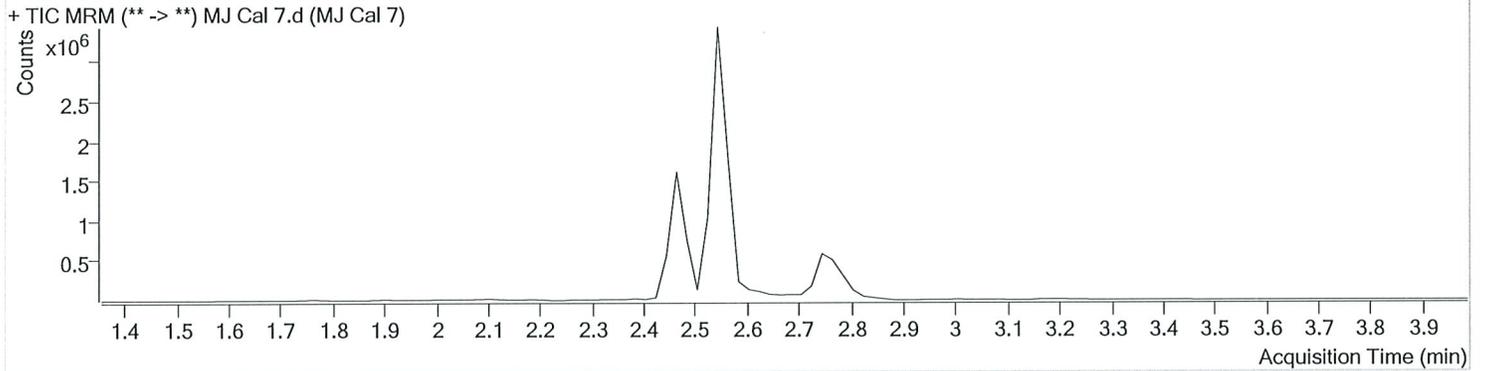


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\072220 AM 25 26 wk1st 4372 TS\QuantResults\AM 26.batch.bin  
**Calibration Last Update** 7/23/2020 5:33:46 PM

<b>Instrument</b>	Falco	<b>Data File</b>	MJ Cal 7.d
<b>Type</b>	Cal	<b>Sample</b>	MJ Cal 7
<b>Acq. Method</b>	am 26 test.m	<b>Operator</b>	Tamara Salazar
<b>Sample Position</b>	P3-G1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	7/22/2020 12:12:31 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.799	139055	182131	100.9968 ng/ml
THC-COOH	2.545	2555891	703095	247.0569 ng/ml
THC-OH	2.471	250861	1237527	97.8363 ng/ml