





**Worklist: 4441**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-2855	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2857	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2958	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-3055	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-3113	4	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-3115	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2109	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2109	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2332	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2373	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2388	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2389	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2392	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2401	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2402	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2403	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2404	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2406	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2417	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2418	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2419	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

**Worklist: 4441**

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<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2020-2422	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2423	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2424	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-2425	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

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

Extraction Date: 8/19/2020

Plate lot#: 200511

**Mobile phase A:** 10mM Amm Form

Instant Buffer I

**Blank Blood Lot:** 445283-4

**LCMS-QQQ ID:** 069901

Analyst: Celena Shrum

Plate Expiration: 11/11/2020

**Mobile phase B:** 0.1% Formic Acid in MeOH

Ethyl Acetate LC Methanol

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

### Pre-Analytic:

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

### Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.
- 3. Using a calibrated pipette, pipette **250µL blood and urine** (if applicable) into wells of analytical (standards) plate.  
**Pipette ID: 42**
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **200-450µL of blood+base and urine+base (if applicable)** mixture to corresponding wells of SLE+ plate.  
Amount transferred: 300µl
- 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). Manifold ID: 067104*
- 9. Wait 5 minutes.
- 10. Add **900uL ethyl acetate.**
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 13. Add **900uL ethyl acetate.**
- 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. If run contains urine, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. *SPE Dry ID: 067103*
- 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: P2020-2389-1, P2020-2401-1, and P2020-2419-1 were reinjected due to potential carryover from the samples preceding them.

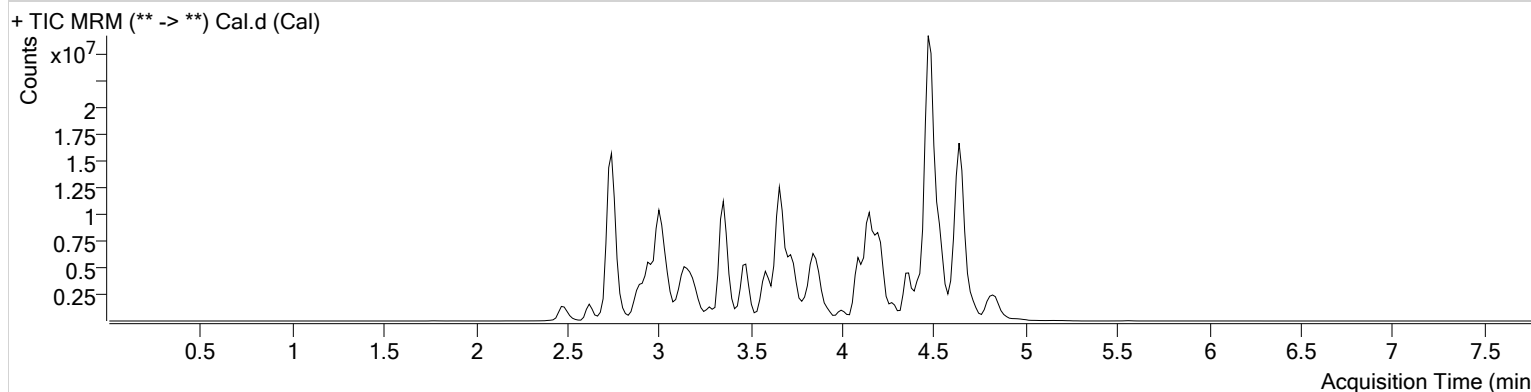
# AM #25 Multi-Drug Screen Results



**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\MDS.batch.bin  
**Calibration Last Update** 8/26/2020 7:08:16 AM

<b>Instrument</b>	Falco	<b>Data File</b>	Cal.d
<b>Type</b>	Cal	<b>Sample</b>	Cal
<b>Acq. Method</b>	AM 25 061720.m	<b>Operator</b>	Celena Shrum
<b>Sample Position</b>	P1-A1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	8/20/2020 7:53:10 AM		

## Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	3.059	75407	225759.99	6074.36	1804793	10.0000
7-aminoclonazepam	3.600	1854725	3824.82	20721.56	6999913	10.0000
7-aminoflunitrazepam	3.799	3436067	872.19	252.17	6999913	10.0000
Acetyl Fentanyl	4.056	52695	21.02	12216.46	27293253	10.0000
Acetyl Norfentanyl	2.947	322845	146.59	∞	27293253	10.0000
a-hydroxyalprazolam	4.500	388075	107.15	380.40	6999913	10.0000
alpha-hydroxymidazolam	4.591	2666723	∞	558.10	6999913	10.0000
Alpha-PHP	3.926	1471493	286.66	91.55	27293253	10.0000
alpha-PVP	3.651	3209612	∞	256.61	4524879	10.0000
Alprazolam	4.626	3657148	1163.31	739.57	30713089	10.0000
Amitriptyline	4.538	231901	∞	∞	744910	10.0000
Amphetamine	2.920	1695259	520.69	1472.45	4524879	10.0000
Benzoylcegonine	3.385	1445431	2386.57	1832.45	630751	10.0000
Brompheniramine	4.118	10288	5.92	59.06	10853927	10.0000
Buprenorphine	4.953	116830	41.90	68.08	529582	10.0000
Bupropion	3.880	1689514	811.95	1168.83	6218633	10.0000
Carbamazepine	4.219	13128182	4803.95	∞	1434570	10.0000
Carisoprodol	4.202	1788867	224194.67	163.79	10024150	10.0000
Chlordiazepoxide	4.720	1413275	∞	51.57	30713089	10.0000
Chlorpheniramine	4.016	1081	∞	∞	10853927	10.0000
Citalopram	4.117	658973	179.34	67.87	10853927	10.0000
Clomipramine	4.732	405696	277.21	50.78	10853927	10.0000
Clonazepam	4.425	2817909	187870.22	65202.30	30713089	10.0000
Clonazolam	4.360	1976763	1394.02	557.73	30713089	10.0000
Cocaehtylene	3.872	3924461	419.29	∞	28600323	10.0000
Cocaine	3.675	5555934	293.67	∞	28600323	10.0000
Codeine	3.003	483846	283611.08	7224.30	10214500	10.0000
Cyclobenzaprine	4.446	264363	56.73	6.63	744910	10.0000
Desipramine	4.432	444297	14006.84	37.80	744910	10.0000
Dextromethorphan	4.170	271958	117.51	97.67	1475735	10.0000
Dextrorphan	3.449	1767587	461.57	582.22	1475735	10.0000
Diazepam	4.843	1868421	877.09	1293.47	30713089	10.0000
Dihydrocodeine	2.895	1274622	975.36	∞	10214500	10.0000
Diphenhydramine	4.095	1368413	59816.03	169.03	10853927	10.0000

Cal

# AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Doxepin	4.245	192156	62.17	5.47	4754022	10.0000
Doxylamine	3.723	7011566	14927.48	20689.61	1475735	10.0000
EDDP	4.154	1986919	392.61	461.78	1139365	10.0000
Estazolam	4.536	9314610	∞	5127.84	30713089	10.0000
Etizolam	4.652	463565	296.28	1218205.61	30713089	10.0000
Fentanyl	4.285	20711	6.60	14065.29	1590244	10.0000
Flualprazolam	4.500	1094644	677.42	253.92	30713089	10.0000
Flunitrazepam	4.549	4217333	∞	155950.45	30713089	10.0000
Fluoxetine	4.365	278621	711558.85	∞	706000	10.0000
Flurazepam	4.359	634543	477064.97	268.41	30713089	10.0000
Hydrocodone	3.215	1635008	∞	203.39	10214500	10.0000
Hydromorphone	2.700	1541624	196.50	99.96	234643	10.0000
Imipramine	4.476	445567	260568.88	111.92	744910	10.0000
Ketamine	3.743	4591389	∞	75.00	16341391	10.0000
Lamotrigine	3.618	410846	362.17	66.23	10853927	10.0000
Levamisole	3.116	3353851	4988.36	524.24	28600323	10.0000
Levetiracetam	2.629	1574769	2185.34	884.16	10853927	10.0000
Lorazepam	4.409	972274	10704.58	56.40	30713089	10.0000
Maprotiline	4.538	202321	∞	17.14	744910	10.0000
MDA	3.040	1128493	∞	∞	10018650	10.0000
MDEA	3.284	2068437	853.81	706.64	10018650	10.0000
MDMA	3.131	2629103	2830919.52	1703.51	10018650	10.0000
Meperidine	3.695	1091790	7430.26	∞	1475735	10.0000
Meprobamate	3.637	704721	5121.84	117.01	10024150	10.0000
Methadone	4.457	739080	354.05	44.57	1139365	10.0000
Methamphetamine	3.026	1597506	2419.75	809.90	10018650	10.0000
Methocarbamol	3.558	612138	173.11	∞	1139365	10.0000
Methylphenidate	3.574	3639045	∞	∞	7159562	10.0000
Metoprolol	3.479	485291	621.53	488.43	1475735	10.0000
Midazolam	4.791	542852	664.01	104.36	30713089	10.0000
Mirtazapine	4.279	875800	449.62	592.55	1475735	10.0000
Mitragynine	4.359	39678	1577.63	47176.66	1475735	10.0000
Morphine	2.503	351773	∞	∞	234643	10.0000
Norbuprenorphine	3.899	11115	11463.10	7698.01	529582	10.0000
Nordiazepam	4.677	2156964	3413.34	472.03	30713089	10.0000
Norfentanyl	3.359	5409261	5675.39	207.19	27293253	10.0000
Norhydrocodone	3.004	51454	35.45	3399.41	234643	10.0000
Norketamine	3.836	697878	235.76	113992.23	16341391	10.0000
Normeperidine	3.636	685137	967.18	228.88	10853927	10.0000
Noroxycodone	2.941	2188489	200.99	163.90	16341391	10.0000
Nortriptyline	4.478	135874	81.43	19.90	744910	10.0000
O-desmethyl-tramadol	2.960	9998959	2077.53	211.67	10853927	10.0000
Olanzapine	3.996	28743	11671.65	24.57	1434570	10.0000
Oxazepam	4.490	3456985	1042.46	312.83	22287637	10.0000
Oxycodone	3.015	3605541	∞	262.50	16341391	10.0000
Oxymorphone	2.469	3032398	∞	723.66	234643	10.0000
Paroxetine	4.408	49445	108.12	4408.53	706000	10.0000
Phenazepam	4.621	3538835	2490967.90	∞	30713089	10.0000
Phencyclidine	4.003	1269697	110.04	492.77	1475735	10.0000
Phentermine	3.163	530581	∞	10.33	7159562	10.0000
Phenytoin	4.111	2394465	122941.85	617.29	1434570	10.0000
Promethazine	4.460	561433	167.81	19.82	10853927	10.0000
Pseudoephedrine	2.751	43769843	21768.29	517.94	10018650	10.0000
Quetiapine	4.666	1007842	1094.65	579989.43	45004083	10.0000
Sertraline	4.627	124584	170.87	107.21	706000	10.0000
Sufentanil	4.696	18545	14312.88	7.29	27293253	10.0000
Tapentadol	3.468	3857366	938.84	1265.75	16341391	10.0000
Temazepam	4.658	6074607	1507.38	49.67	30713089	10.0000
Tramadol	3.479	8201182	∞	∞	10853927	10.0000
Trazodone	4.849	1015670	241.27	420.57	4754022	10.0000

Cal

# AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Venlafaxine	3.846	4352550	∞	831.86	706000	10.0000
Zaleplon	4.351	5553474	2151.29	3378.12	45004083	10.0000
Zolpidem	4.488	11869371	522.16	2034.72	45004083	10.0000
Zopiclone	4.420	340368	144.29	∞	1800045	10.0000

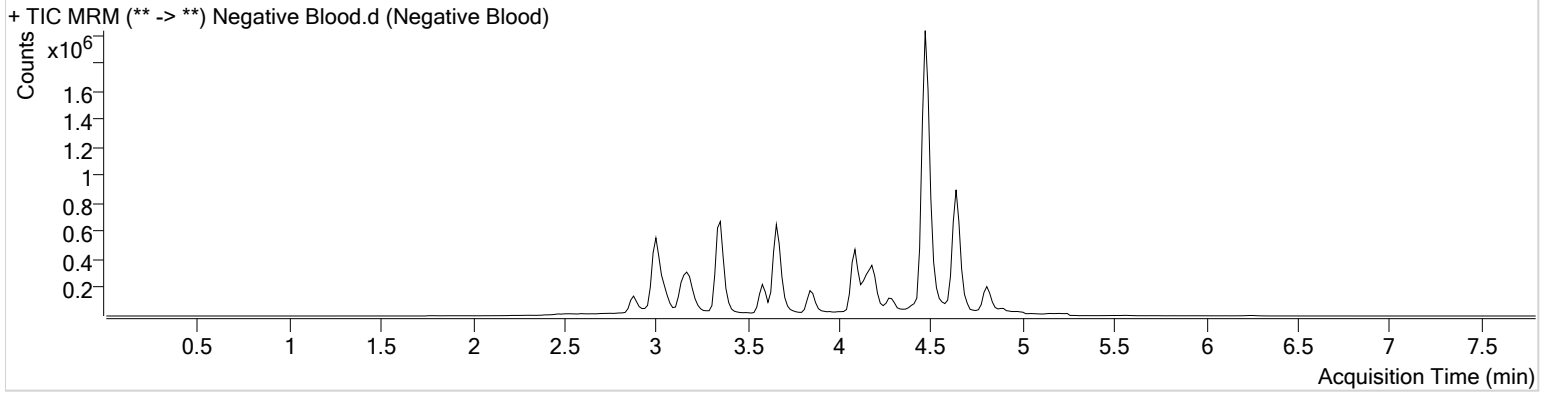
# AM #25 Multi-Drug Screen Results



**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\MDS.batch.bin  
**Calibration Last Update** 8/26/2020 7:08:16 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>	Celena Shrum
<b>Sample Position</b>	P1-E1	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	8/20/2020 8:01:31 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



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

Extraction Date: 08/19/2020

Analyst: Celena Shrum

Plate lot#: IDP-108-2-200303

Plate Expiration: 09/30/2020

**Mobile phase A:** 0.1% Formic Acid in LCMS Water

**Mobile phase B:** 0.1% Formic acid in Acetonitrile

**Blank Blood Lot:** 445283-4

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

**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. Urine hydrolysis: add 1.5mL urine to blank plate, add 250µl 1N KOH. Shake and incubate at 40 degrees for 15 minutes.  
Using a calibrated pipette, add **1000µl blood and urine (if applicable) (calibrated pipette)** 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 **500µL 0.1% formic acid in water blood sample, 500 µL saturated phosphate buffer in urine** in wells of 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: 800µl
- 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<sup>2</sup> 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).
- 4. Case sample response for THC and OH-THC 3ng/mL (quantitative), Carboxy-THC: 10ng/mL (qualitative only) will be reported. Samples with a THC or OH-THC response over 50 ng/mL will be reported out as greater than 50 ng/mL.
- 5. Did all QCs pass for each analyte? (if not, describe in comments section)
- 6. Enter QCs into control charting.
- 7. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: THC-OH curve range limited to: 3-100.



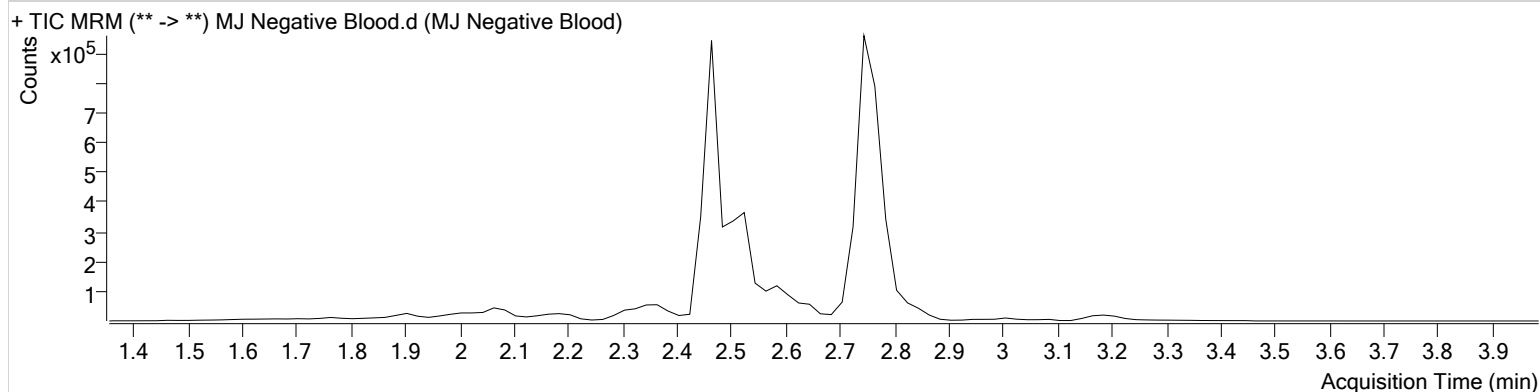
# AM #26 Cannabinoids Screen Results



**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Calibration Last Update** 8/25/2020 1:44:53 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>	Celena Shrum
<b>Sample Position</b>	P3-A2	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	8/19/2020 4:57:42 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



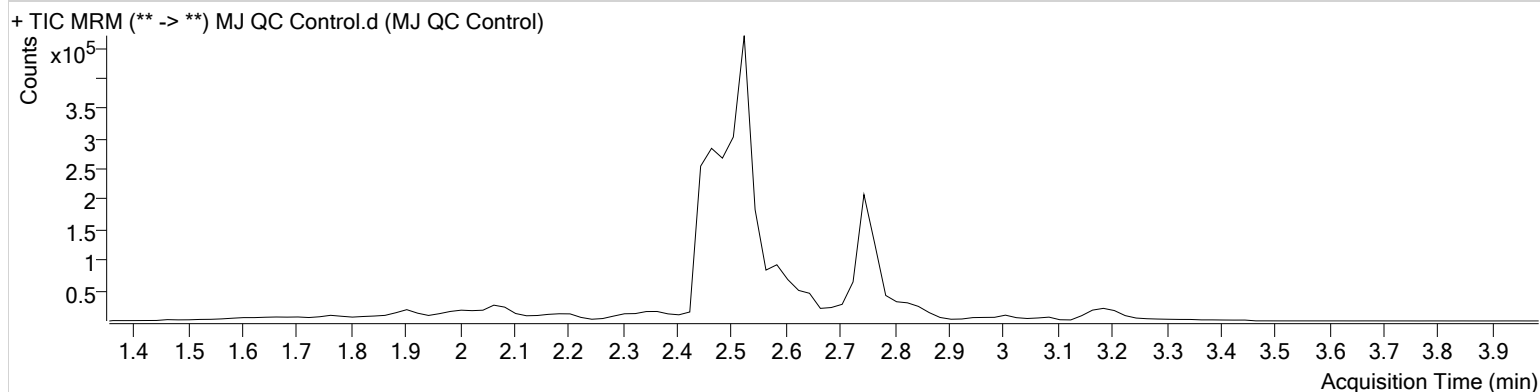
# AM #26 Cannabinoids Screen Results



**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Calibration Last Update** 8/25/2020 1:44:53 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>	Celena Shrum
<b>Sample Position</b>	P3-H1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	8/19/2020 4:44:40 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



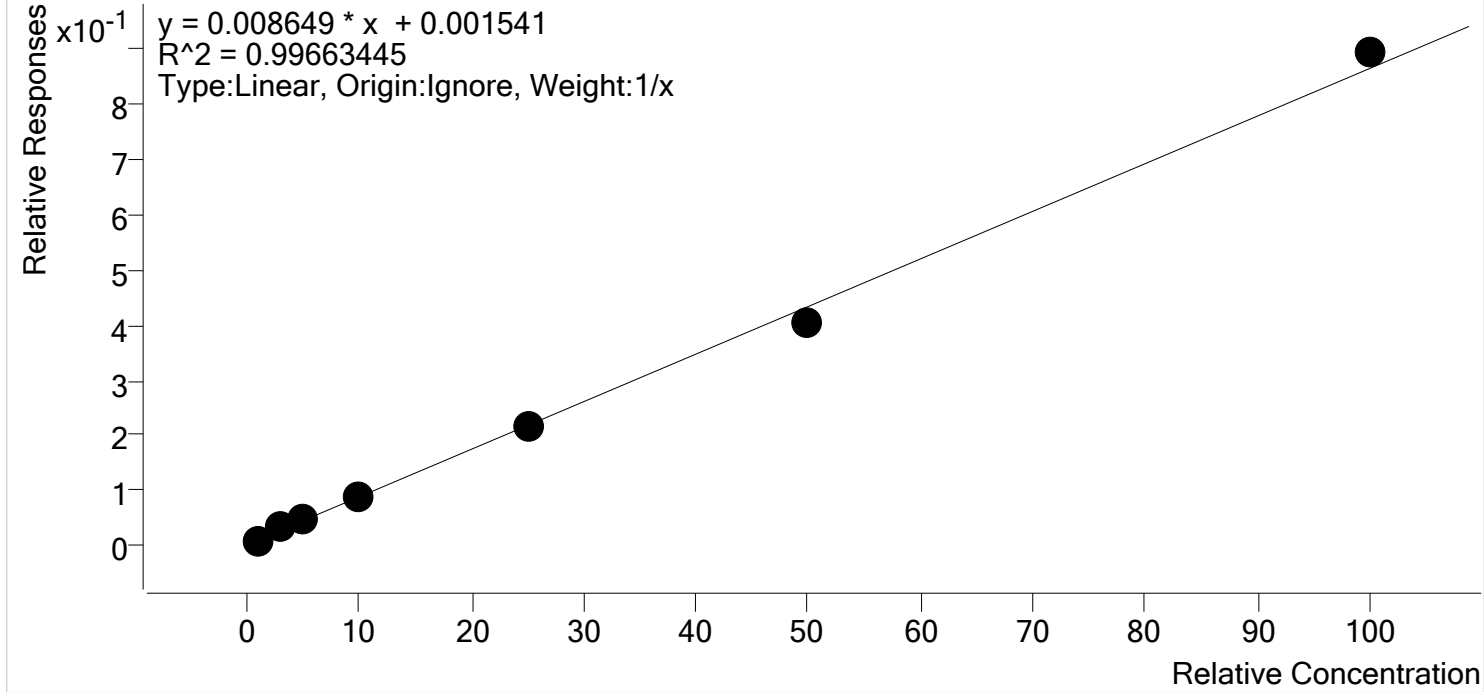
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	1540	30345	5.6890 ng/ml
THC-COOH	2.525	265557	608204	14.6420 ng/ml
THC-OH	2.512	151757	826561	3.3784 ng/ml



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Last Cal. Update** 8/25/2020 1:44 PM  
**Analyst Name** ISP\datastor  
**Analyte** THC **Internal Standard** THC-D3

THC - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 0 QCs



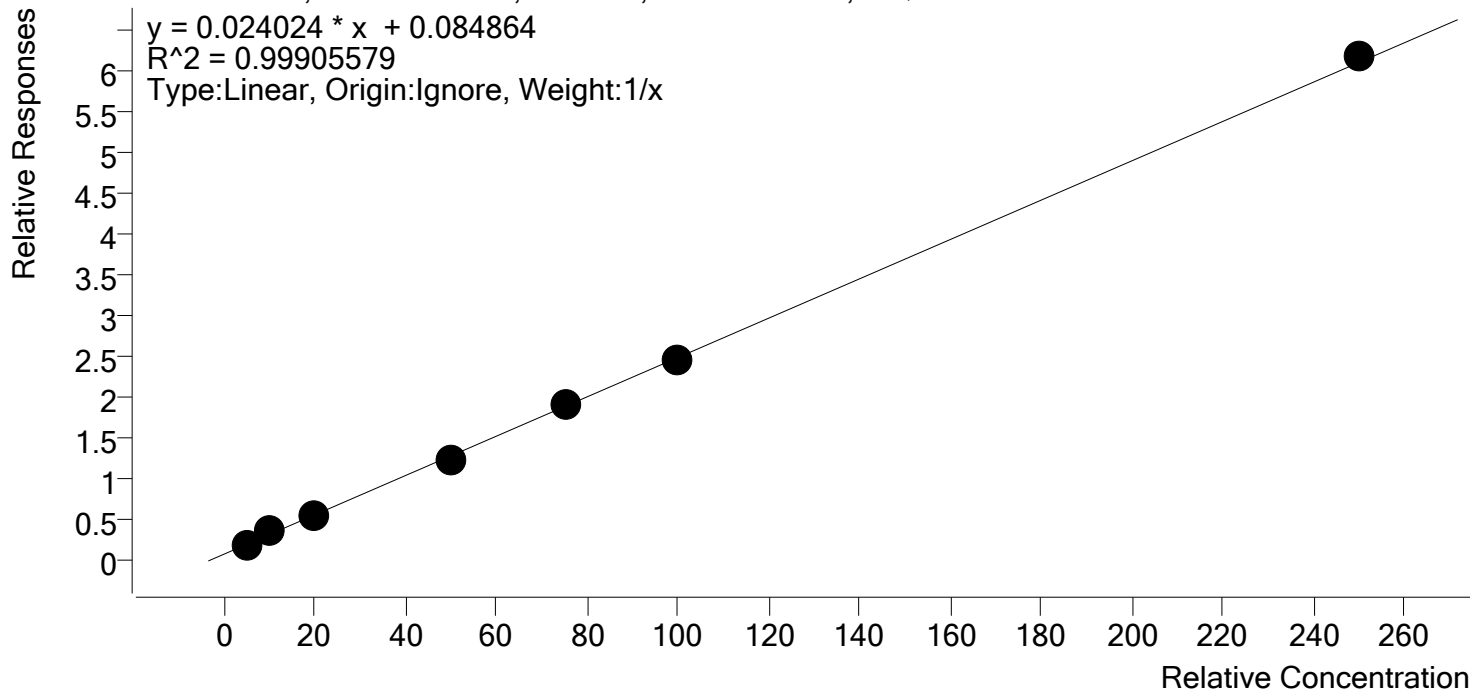
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	1.0	0.8	79.2
MJ Cal 2	2	✓	3.0	3.6	119.8
MJ Cal 3	3	✓	5.0	5.5	109.9
MJ Cal 4	4	✓	10.0	9.7	96.6
MJ Cal 5	5	✓	25.0	24.4	97.8
MJ Cal 6	6	✓	50.0	46.7	93.4
MJ Cal 7	7	✓	100.0	103.3	103.3



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Last Cal. Update** 8/25/2020 1:44 PM  
**Analyst Name** ISP\datastor  
**Analyte** THC-COOH **Internal Standard** THC-COOH-D9

THC-COOH - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 0 QCs

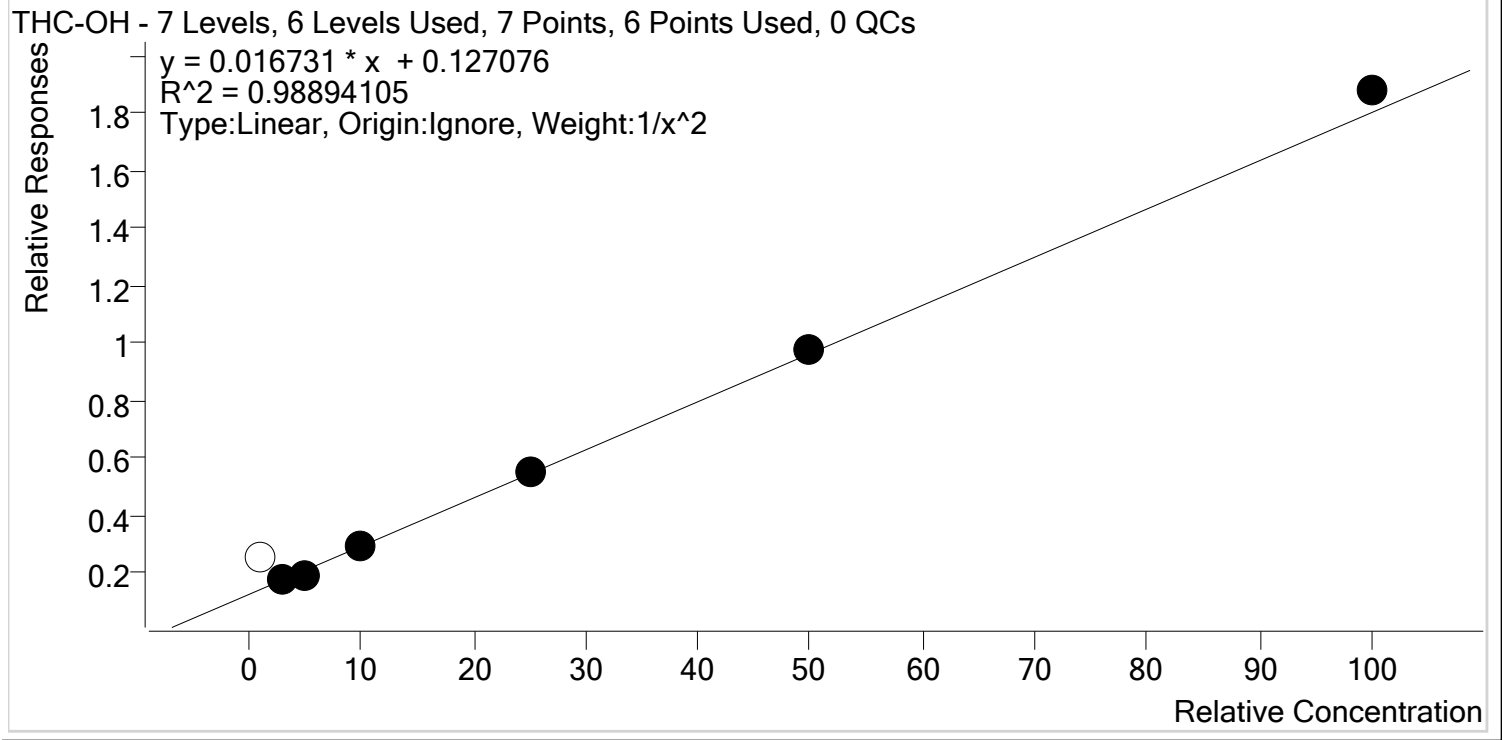


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	4.7	94.8
MJ Cal 2	2	✓	10.0	11.3	112.8
MJ Cal 3	3	✓	20.0	19.2	96.2
MJ Cal 4	4	✓	50.0	48.0	95.9
MJ Cal 5	5	✓	75.0	75.7	101.0
MJ Cal 6	6	✓	100.0	98.1	98.1
MJ Cal 7	7	✓	250.0	252.9	101.2



# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Last Cal. Update** 8/25/2020 1:44 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	x	1.0	7.9	791.7
MJ Cal 2	2	✓	3.0	3.3	109.1
MJ Cal 3	3	✓	5.0	4.3	85.2
MJ Cal 4	4	✓	10.0	9.8	97.9
MJ Cal 5	5	✓	25.0	25.3	101.1
MJ Cal 6	6	✓	50.0	51.1	102.1
MJ Cal 7	7	✓	100.0	104.5	104.5

# AM #26 Cannabinoids Screen Results

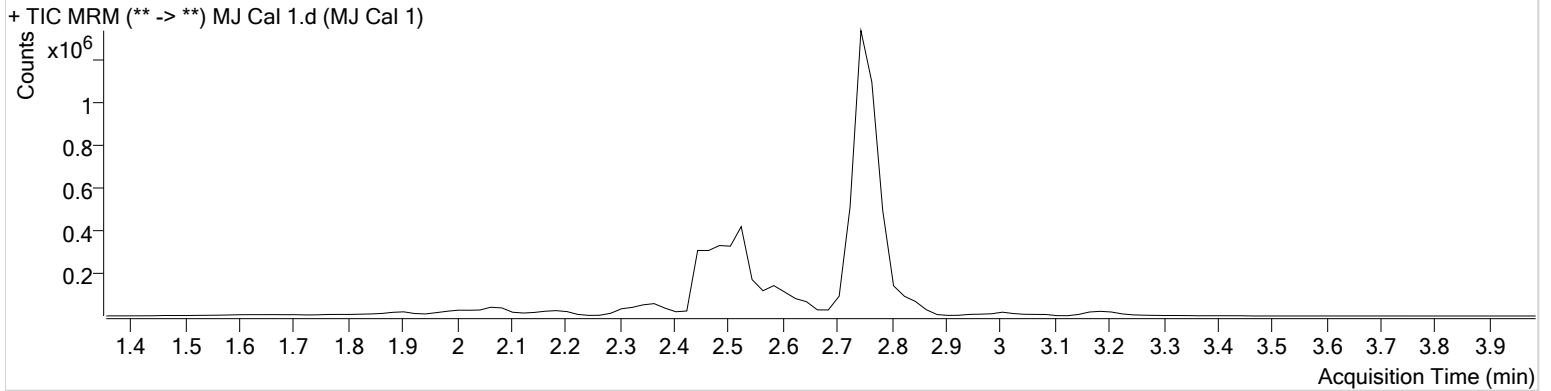


**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Calibration Last Update** 8/25/2020 1:44:53 PM

<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>	Celena Shrum
<b>Sample Position</b>	P3-A1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	8/19/2020 3:58:53 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.799	2015	240054	0.7922 ng/ml	Low
THC-COOH	2.525	130187	654913	4.7419 ng/ml	Low
THC-OH	2.512	268460	1034382	7.9171 ng/ml	

CS

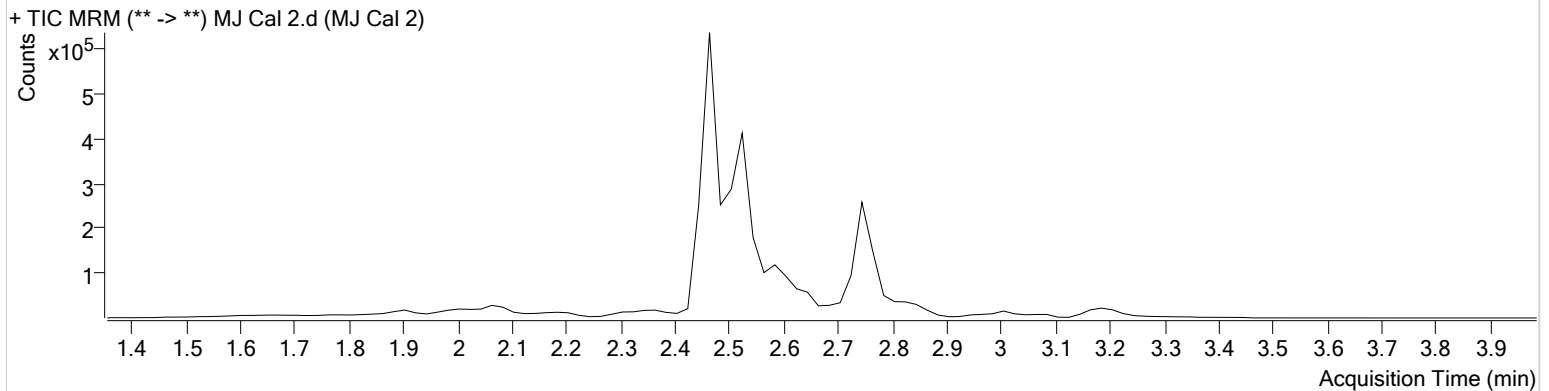


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Calibration Last Update** 8/25/2020 1:44:53 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>	Celena Shrum
<b>Sample Position</b>	P3-B1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	8/19/2020 4:05:33 PM		

### Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	1073	32896	3.5925 ng/ml
THC-COOH	2.525	214638	603259	11.2776 ng/ml
THC-OH	2.512	232588	1279109	3.2729 ng/ml

CS

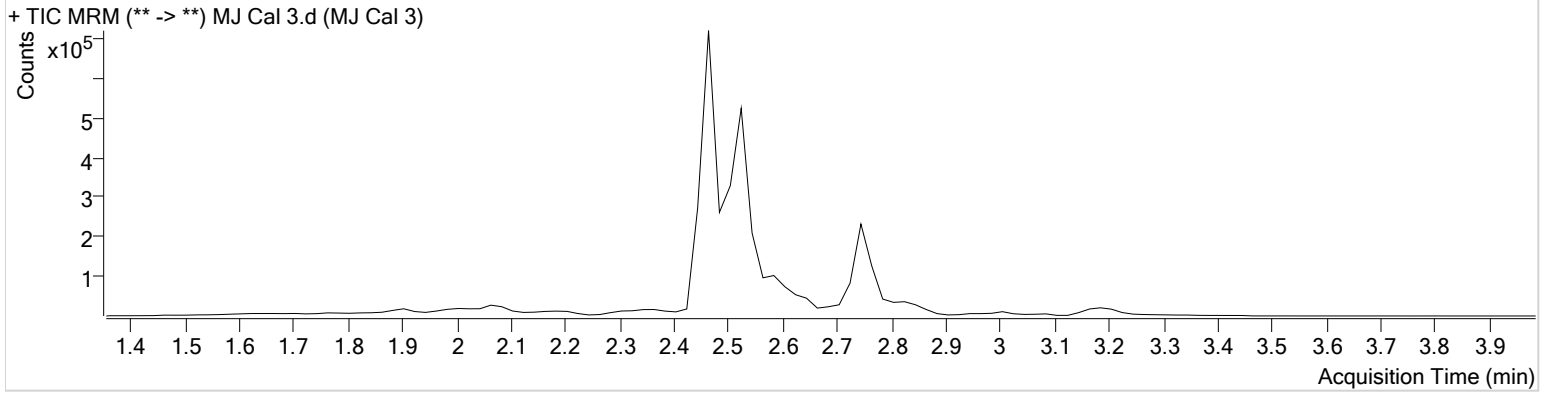


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Calibration Last Update** 8/25/2020 1:44:53 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>	Celena Shrum
<b>Sample Position</b>	P3-C1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	8/19/2020 4:12:05 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	1575	32090	5.4967 ng/ml
THC-COOH	2.525	341714	624736	19.2352 ng/ml
THC-OH	2.512	265891	1340475	4.2603 ng/ml



CS

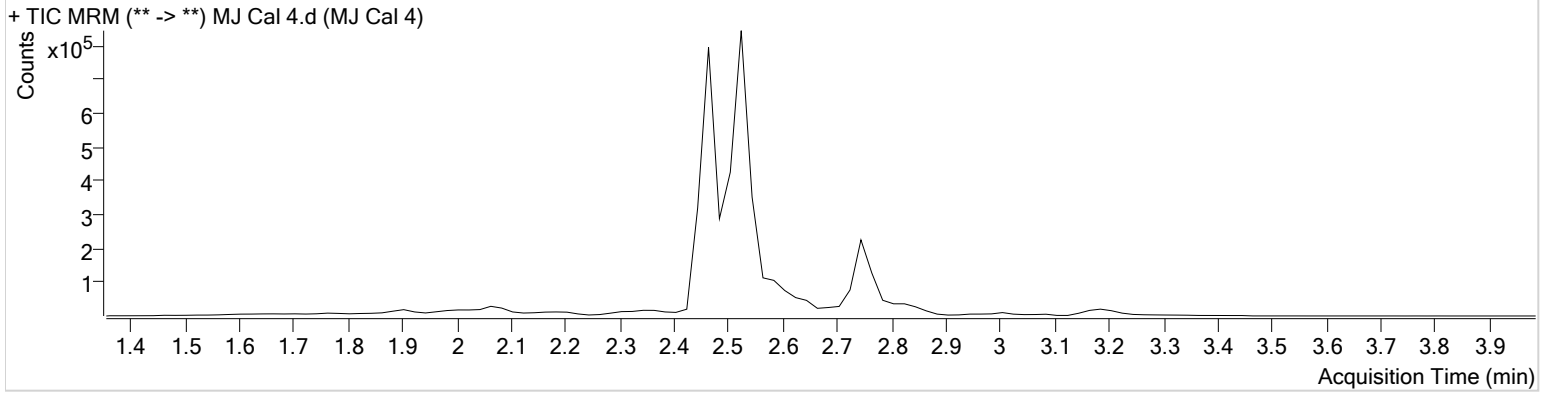


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Calibration Last Update** 8/25/2020 1:44:53 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>	Celena Shrum
<b>Sample Position</b>	P3-D1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	8/19/2020 4:18:36 PM		

**Sample Chromatogram**



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	2792	32826	9.6563 ng/ml
THC-COOH	2.525	774550	625944	47.9746 ng/ml
THC-OH	2.471	402088	1382001	9.7944 ng/ml

# AM #26 Cannabinoids Screen Results

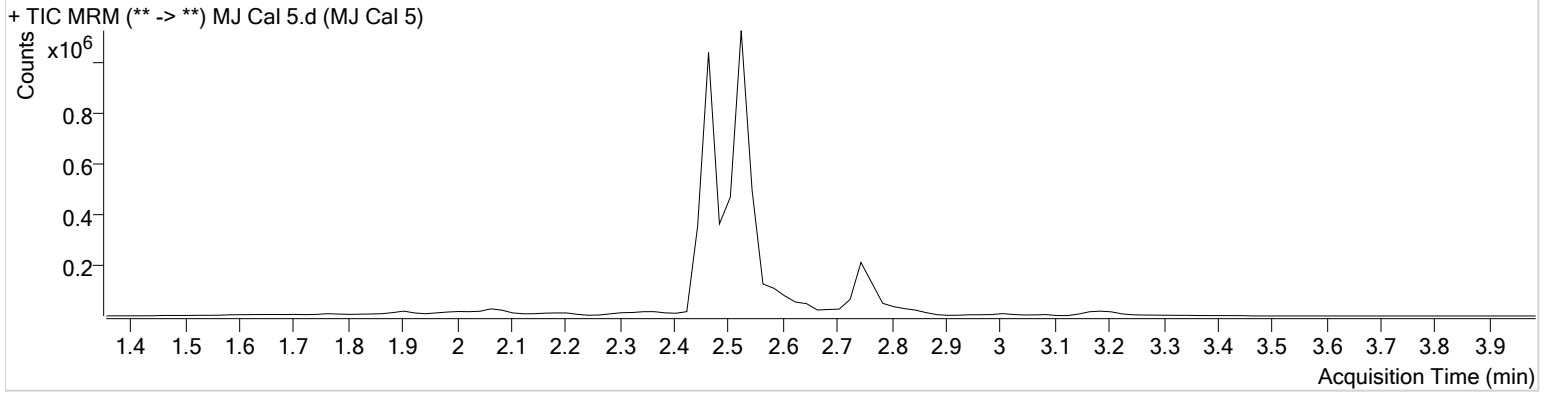


**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Calibration Last Update** 8/25/2020 1:44:53 PM

<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>	Celena Shrum
<b>Sample Position</b>	P3-E1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	8/19/2020 4:25:09 PM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	6959	32672	24.4500 ng/ml
THC-COOH	2.525	1139247	598199	75.7403 ng/ml
THC-OH	2.471	777092	1413018	25.2749 ng/ml

CS

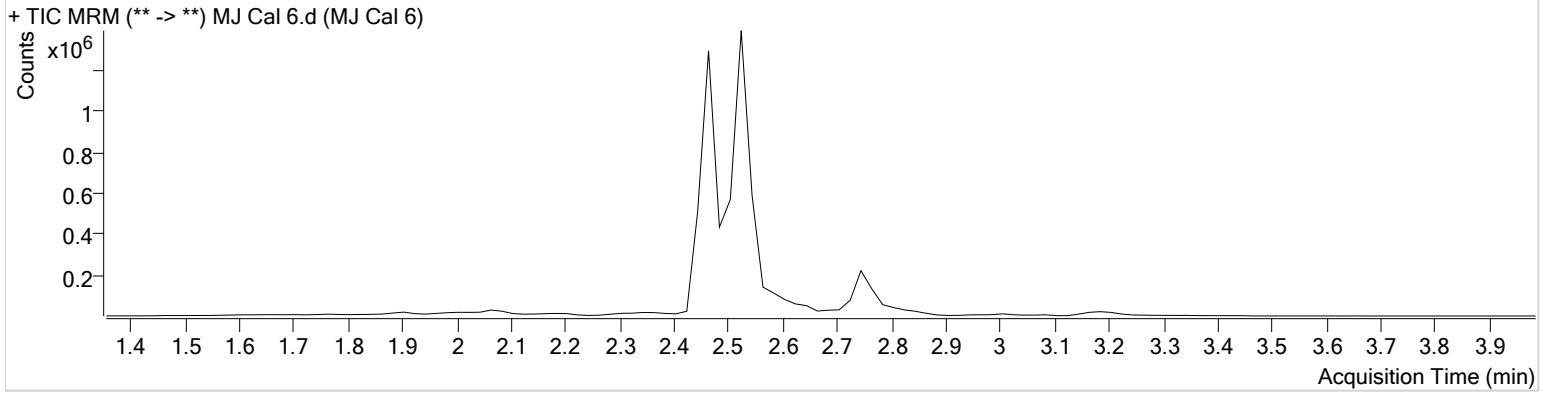


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Calibration Last Update** 8/25/2020 1:44:53 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>	Celena Shrum
<b>Sample Position</b>	P3-F1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	8/19/2020 4:31:40 PM		

## Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	13797	34021	46.7152 ng/ml
THC-COOH	2.525	1478637	605580	98.1023 ng/ml
THC-OH	2.471	1340156	1365413	51.0683 ng/ml

CS

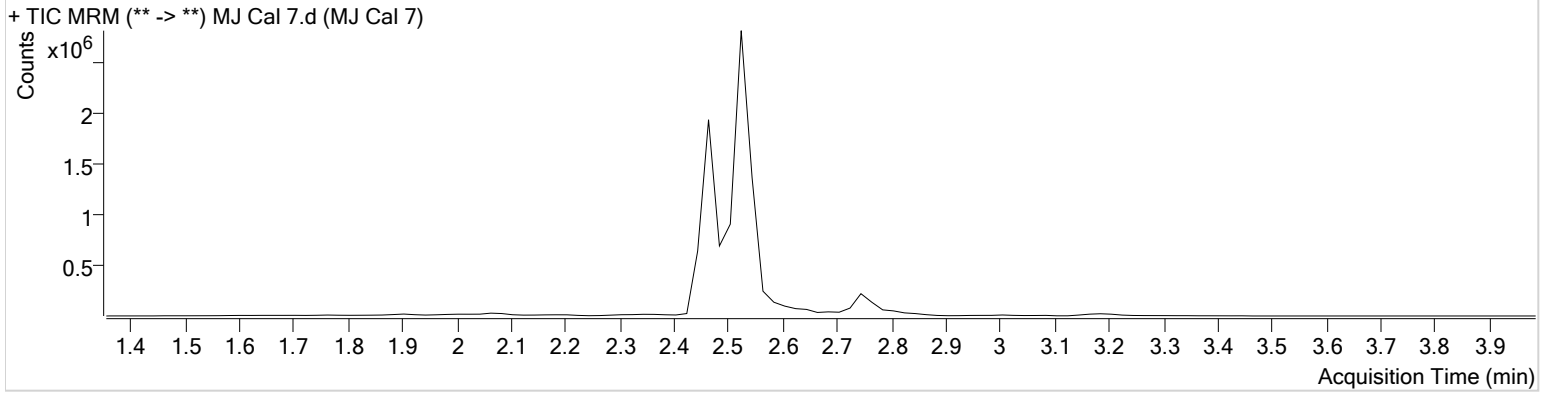


# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\AM 25-26 081920 CS\QuantResults\THCS.batch.bin  
**Calibration Last Update** 8/25/2020 1:44:53 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>	Celena Shrum
<b>Sample Position</b>	P3-G1	<b>Comment</b>	
<b>Injection Volume</b>	10		
<b>Acq. Date-Time</b>	8/19/2020 4:38:10 PM		

**Sample Chromatogram**



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	28520	31869	103.2971 ng/ml
THC-COOH	2.525	3464210	562258	252.9282 ng/ml
THC-OH	2.471	2497344	1331391	104.5161 ng/ml