

REVIEWED

By Anne Nord at 12:42 pm, Jul 16, 2020

7/14/2020

15

Worklist: 4346

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
M2020-2000	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2091	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2163	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2166	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2178	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2216	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2252	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2271	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2272	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2366	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2374	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2020-2414	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1891	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1894	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1895	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1899	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1900	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1901	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1902	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1922	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1925	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 4346

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<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2020-1927	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1929	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1933	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1951	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2020-1952	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

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

Extraction Date: 07/09/2020
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
Blank Blood Lot: Hemostat 445283-4
LCMS-QQQ ID: 069901

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. 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:

AM #25 Multi-Drug Screen Results

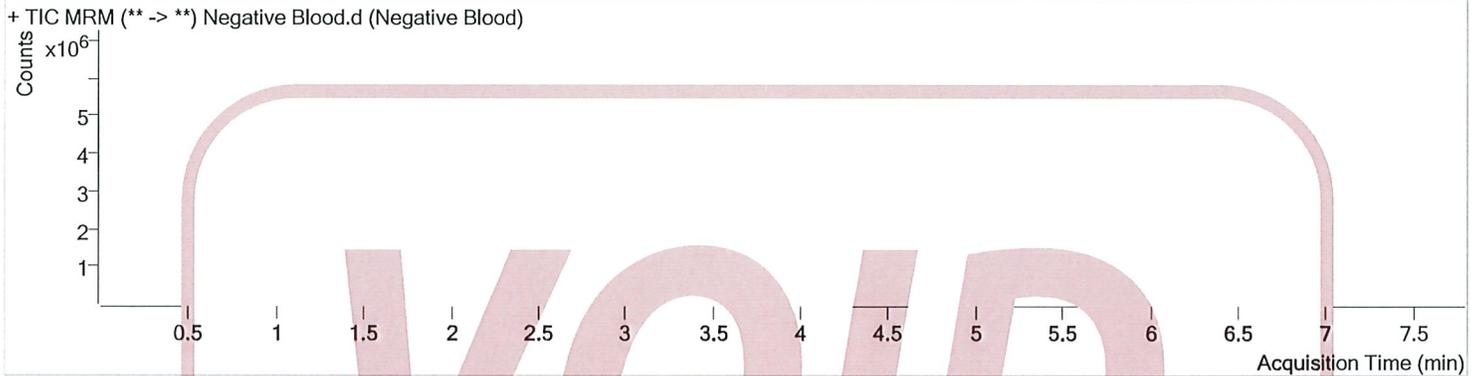


Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 25.batch.bin
 Calibration Last Update 7/14/2020 12:03:55 PM

Instrument	Falco	Data File	Negative Blood.d
Type	Sample	Sample	Negative Blood
Acq. Method	AM 25 061720.m	Operator	Tamara Salazar
Sample Position	P1-C5	Comment	Sample was reinjected due to retention time shifts in the original injection. Please refer to reinjection data.
Injection Volume	5		
Acq. Date-Time	7/9/2020 5:29:20 PM		
Sample Info.			

AS
07/14/2020

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Brompheniramine	4.010	887	9.83		14695752	0.4848
Meperidine	3.649 High	67055	55.88	1.57 Low	2340051	1.2935

AM #25 Multi-Drug Screen Results



Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 7/14/2020 12:03:55 PM

Instrument Falco
Type Cal
Acq. Method AM 25 061720.m
Sample Position P1-B1
Injection Volume 5
Acq. Date-Time 7/9/2020 5:20:51 PM
Sample Info.

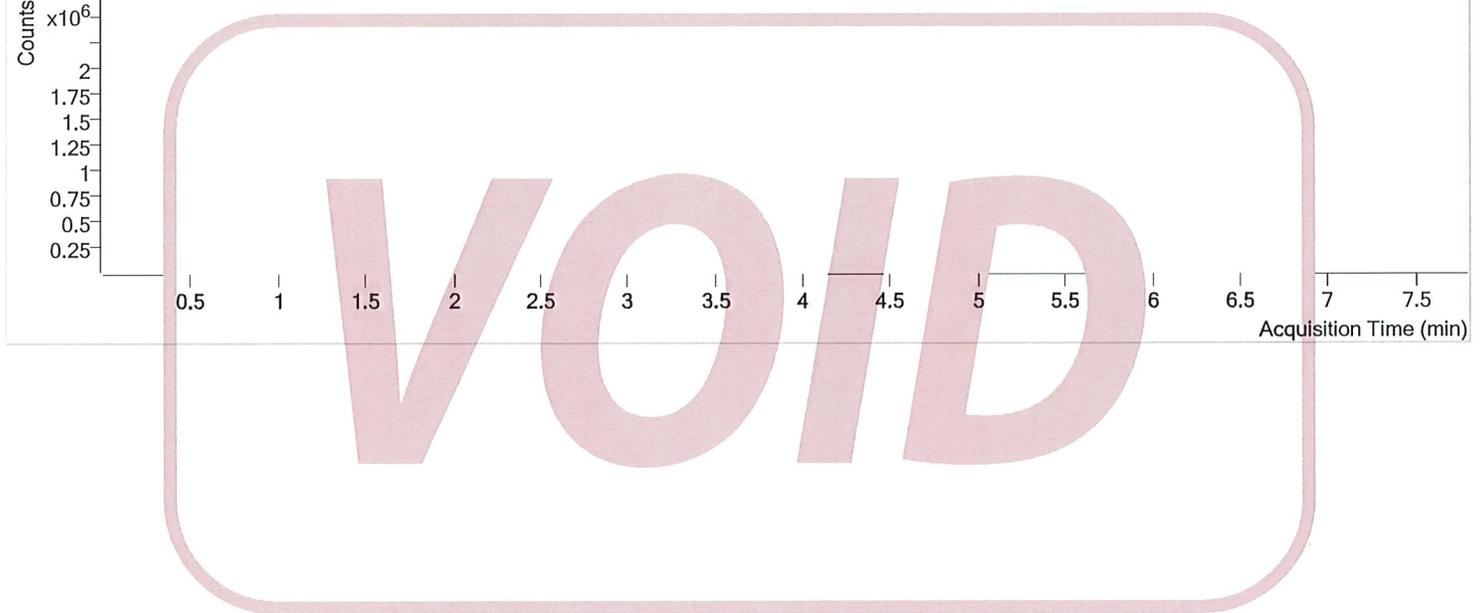
Data File Cal.d
Sample Cal
Operator Tamara Salazar
Comment

Sample was re injected due to retention time shifts in the original injection. Please refer to reinjection data.

07/14/2020

Sample Chromatogram

+ TIC MRM (** -> **) Cal.d (Cal)



AM #25 Multi-Drug Screen Results



Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 7/14/2020 12:03:55 PM

Instrument Falco
Type Sample
Acq. Method AM 25 061720.m
Sample Position P1-C5
Injection Volume 5
Acq. Date-Time 7/10/2020 9:17:56 AM
Sample Info.

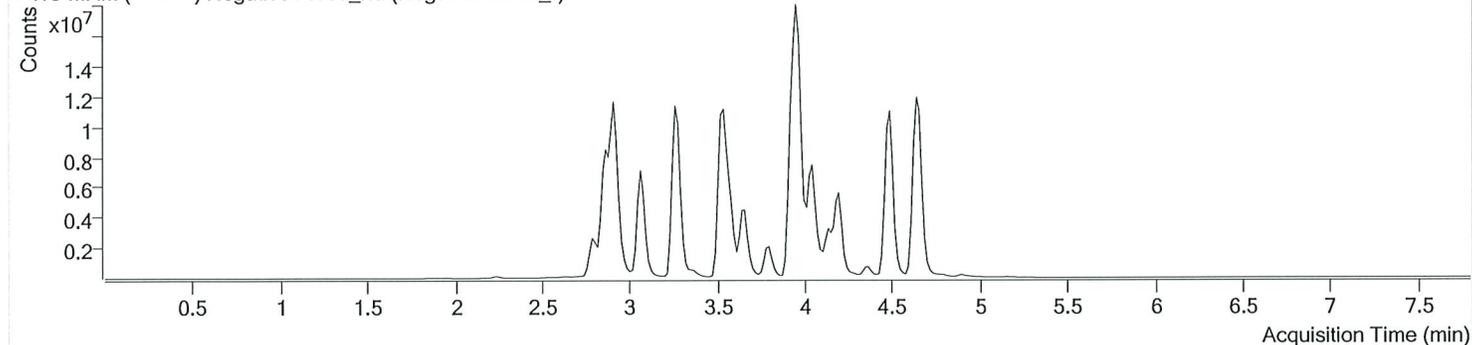
Data File Negative Blood_r.d
Sample Negative Blood_r
Operator Tamara Salazar
Comment

Sample was re injected due to retention time shifts in the original injection.

07/14/2020

Sample Chromatogram

+ TIC MRM (** -> **) Negative Blood_r.d (Negative Blood_r)



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Methamphetamine	2.949	771096	∞	∞	18259711	0.5598
Venlafaxine	3.677	471308	382.85	0.74 Low	2212673	4.2062

AM #25 Multi-Drug Screen Results



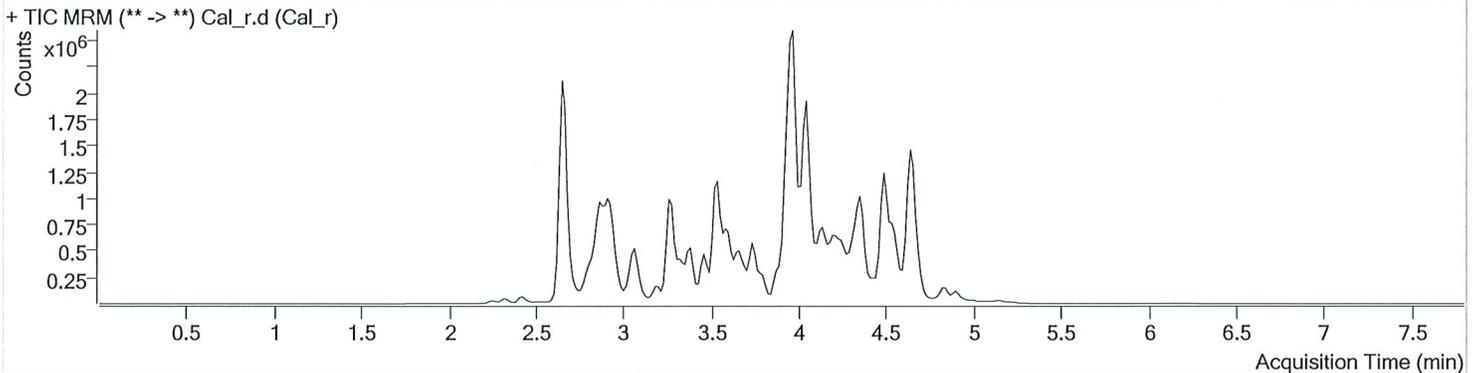
Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 7/14/2020 12:03:55 PM

Instrument Falco **Data File** Cal_r.d
Type Cal **Sample** Cal_r
Acq. Method AM 25 061720.m **Operator** Tamara Salazar
Sample Position P1-B1 **Comment**
Injection Volume 5
Acq. Date-Time 7/10/2020 8:03:23 AM
Sample Info.

Sample was re injected due to retention time shifts in the original injection.

07/14/2020

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	2.861	3776	2341.04	6.47	120273	10.0000
7-aminoclonazepam	3.584	134554	47541.25	14487.53	540674	10.0000
7-aminoflunitrazepam	3.798	202357	1343.63	1019.87	540674	10.0000
Acetyl Fentanyl	3.733	20987	13.95	12413.60	2400042	10.0000
Acetyl Norfentanyl	2.855	22386	∞	14.53	2400042	10.0000
a-hydroxyalprazolam	4.500	26358	33.93	24921.17	540674	10.0000
alpha-hydroxymidazolam	4.575	172693	219.63	1730.51	540674	10.0000
Alpha-PHP	3.741	207794	1556.33	6410.36	2400042	10.0000
alpha-PVP	3.482	306336	1043.47	68.95	577221	10.0000
Alprazolam	4.626	228296	∞	120.41	2403318	10.0000
Amitriptyline	4.354	328135	∞	275.96	680015	10.0000
Amphetamine	2.829	214614	191.69	∞	577221	10.0000
Benzoylcegonine	3.385	108348	256.46	6.81	32006	10.0000
Brompheniramine	3.979	5383	945.45	37.78	4325688	10.0000
Buprenorphine	4.143	38439	44.91	3927.99	195661	10.0000
Bupropion	3.665	239440	72.93	649.17	858636	10.0000
Carbamazepine	4.219	813358	∞	657.56	107727	10.0000
Carisoprodol	4.202	138097	39501.44	30.74	769979	10.0000
Chlordiazepoxide	4.689	83273	11.77	∞	2403318	10.0000
Chlorpheniramine	3.892	2872	855.02	450.29	4325688	10.0000
Citalopram	4.009	215865	67.82	36782.33	4325688	10.0000
Clomipramine	4.548	395707	328.76	∞	4325688	10.0000
Clonazepam	4.425	177846	115916.60	16948.90	2403318	10.0000
Clonazolam	4.375	112485	244.50	7507.68	2403318	10.0000
Cocaeethylene	3.733	366271	∞	90.20	2449196	10.0000
Cocaine	3.536	437709	382587.05	157.68	2449196	10.0000
Codeine	2.759	33696	20.11	54.10	862650	10.0000
Cyclobenzaprine	4.292	217525	165.18	31.63	680015	10.0000
Desipramine	4.309	405814	653.59	88.41	680015	10.0000
Dextromethorphan	4.031	146930	60887.23	∞	834316	10.0000
Dextrophan	3.341	185025	167525.13	313.14	834316	10.0000
Diazepam	4.843	152856	220.61	272.90	2403318	10.0000
Dihydrocodeine	2.712	77670	3411.36	93.49	862650	10.0000
Diphenhydramine	3.970	568060	534.25	83.85	4325688	10.0000

Cal_r

AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Doxepin	4.076	132790	85.65	30.26	1469822	10.0000
Doxylamine	3.600	732247	243.70	46.11	834316	10.0000
EDDP	4.045	363705	100.69	279.07	213138	10.0000
Estazolam	4.535	586813	305.77	266.47	2403318	10.0000
Etizolam	4.636	23511	112.39	95053.78	2403318	10.0000
Fentanyl	3.962	16648	30.91	15928.99	1156337	10.0000
Flualprazolam	4.499	74900	68.94	29066.48	2403318	10.0000
Flunitrazepam	4.548	273094	391.78	51565.30	2403318	10.0000
Fluoxetine	4.273	289296	477249.16	4.30	820036	10.0000
Flurazepam	4.068	187653	236234.01	1831.61	2403318	10.0000
Hydrocodone	2.942	118592	∞	∞	862650	10.0000
Hydromorphone	2.427	89945	33.62	211.60	13137	10.0000
Imipramine	4.322	457771	411.97	277.74	680015	10.0000
Ketamine	3.327	319528	488420.68	47.45	1073310	10.0000
Lamotrigine	3.480	21734	348.00	1259.63	4325688	10.0000
Levamisole	2.901	227592	526.32	77.38	2449196	10.0000
Levetiracetam	2.644	131419	128.71	105.16	4325688	10.0000
Lorazepam	4.424	58660	95.31	32.14	2403318	10.0000
Maprotiline	4.354	328135	∞	3731.37	680015	10.0000
MDA	2.963	162584	54.66	23.15	944351	10.0000
MDEA	3.191	262204	219.55	48.87	944351	10.0000
MDMA	3.039	334978	391180.95	225.05	944351	10.0000
Meperidine	3.541	184828	∞	35871.24	834316	10.0000
Meprobamate	3.652	57812	70537.65	25.94	769979	10.0000
Methadone	4.334	419077	151.22	37.76	213138	10.0000
Methamphetamine	2.949	712441	∞	∞	944351	10.0000
Methocarbamol	3.557	62539	56.83	27.86	213138	10.0000
Methylphenidate	3.466	686794	349.53	84.19	960593	10.0000
Metoprolol	3.401	42584	333.28	6813.72	834316	10.0000
Midazolam	4.668	45272	41.21	46.59	2403318	10.0000
Mirtazapine	3.693	193604	1308.14	79.61	834316	10.0000
Mitragynine	4.098	24373	∞	∞	834316	10.0000
Morphine	2.261	18813	565.22	61.61	13137	10.0000
Norbuprenorphine	3.776	5701	2841.84	5864.99	195661	10.0000
Nordiazepam	4.677	141728	227.31	99254.80	2403318	10.0000
Norfentanyl	3.282	484852	1542649.15	84.27	2400042	10.0000
Norhydrocodone	2.898	5114	258.17	15.26	13137	10.0000
Norketamine	3.329	51484	21.29	162479.89	1073310	10.0000
Normeperidine	3.543	180744	697.11	19.60	4325688	10.0000
Noroxycodone	2.850	150529	∞	44.89	1073310	10.0000
Nortriptyline	4.356	172878	122661.04	28.49	680015	10.0000
O-desmethyl-tramadol	2.883	649648	268.21	94.23	4325688	10.0000
Olanzapine	3.581	26891	30086.75	75.73	107727	10.0000
Oxazepam	4.490	264561	372.60	46.33	1788513	10.0000
Oxycodone	2.878	228354	41.27	235.25	1073310	10.0000
Oxymorphone	2.316	80708	41.69	69.71	13137	10.0000
Paroxetine	4.285	23531	13.14	19.74	820036	10.0000
Phenazepam	4.636	300111	257792.00	135146.11	2403318	10.0000
Phencyclidine	3.880	300729	175.80	179.24	834316	10.0000
Phentermine	3.087	77739	7.11	∞	960593	10.0000
Phenytoin	4.110	206540	493.61	36989.63	107727	10.0000
Promethazine	4.244	550188	114.24	28.76	4325688	10.0000
Pseudoephedrine	2.659	5331349	623.08	803.66	944351	10.0000
Quetiapine	4.237	171698	82863.68	96678.29	3496702	10.0000
Sertraline	4.488	141275	80530.00	28256.36	820036	10.0000
Sufentanil	4.237	16889	6174.20	5403.05	2400042	10.0000
Tapentadol	3.391	323756	∞	58.84	1073310	10.0000
Temazepam	4.657	435371	282.85	13.75	2403318	10.0000
Tramadol	3.387	744306	221.58	12.61	4325688	10.0000
Trazodone	4.161	291570	166.64	109.87	1469822	10.0000

Cal_r



AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Venlafaxine	3.737	415274	28.43	50.43	820036	10.0000
Zaleplon	4.350	351010	61242.19	∞	3496702	10.0000
Zolpidem	3.950	711549	727.28	316.55	3496702	10.0000
Zopiclone	3.792	54809	35818.28	27.98	299724	10.0000

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



Extraction Date: 07/09/2020

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
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,*

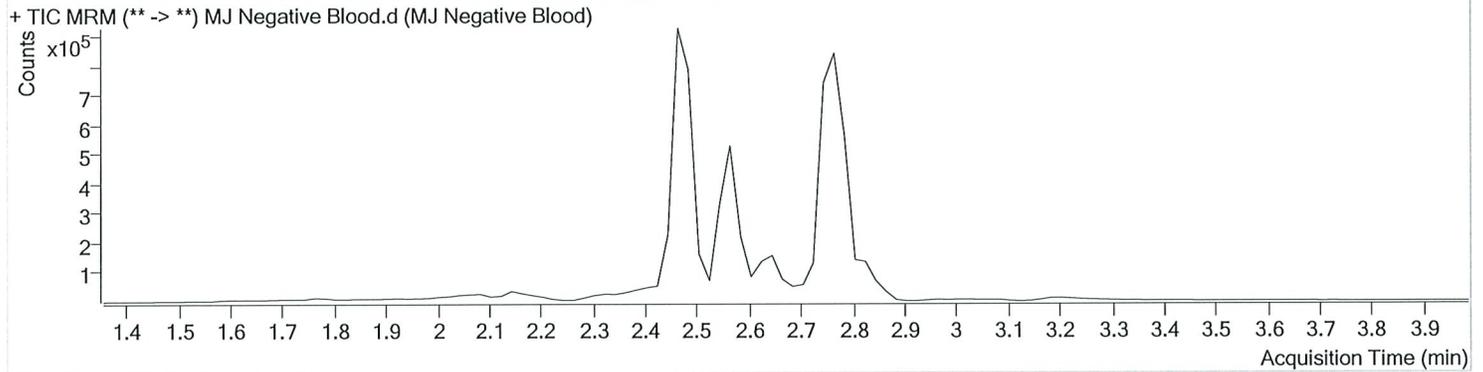
AM #26 Cannabinoids Screen Results



Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 7/14/2020 12:07:50 PM

Instrument	Falco	Data File	MJ Negative Blood.d
Type	Sample	Sample	MJ Negative Blood
Acq. Method	am 26 test.m	Operator	Tamara Salazar
Sample Position	P3-A2	Comment	
Injection Volume	10		
Acq. Date-Time	7/9/2020 12:15:43 PM		
Sample Info.			

Sample Chromatogram



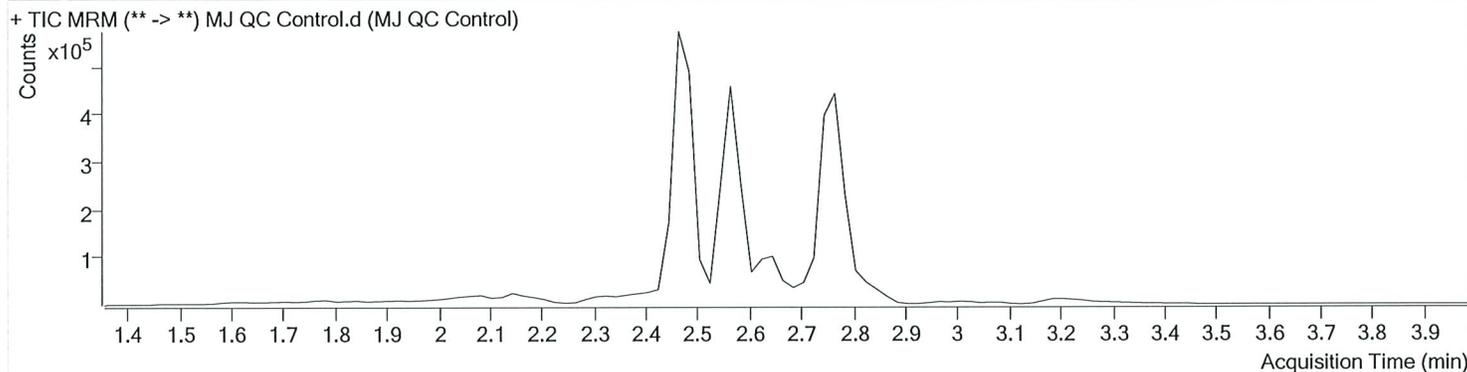


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 7/14/2020 12:07:50 PM

Instrument	Falco	Data File	MJ QC Control.d
Type	Sample	Sample	MJ QC Control
Acq. Method	am 26 test.m	Operator	Tamara Salazar
Sample Position	P3-H1	Comment	
Injection Volume	10		
Acq. Date-Time	7/9/2020 12:02:41 PM		

Sample Chromatogram



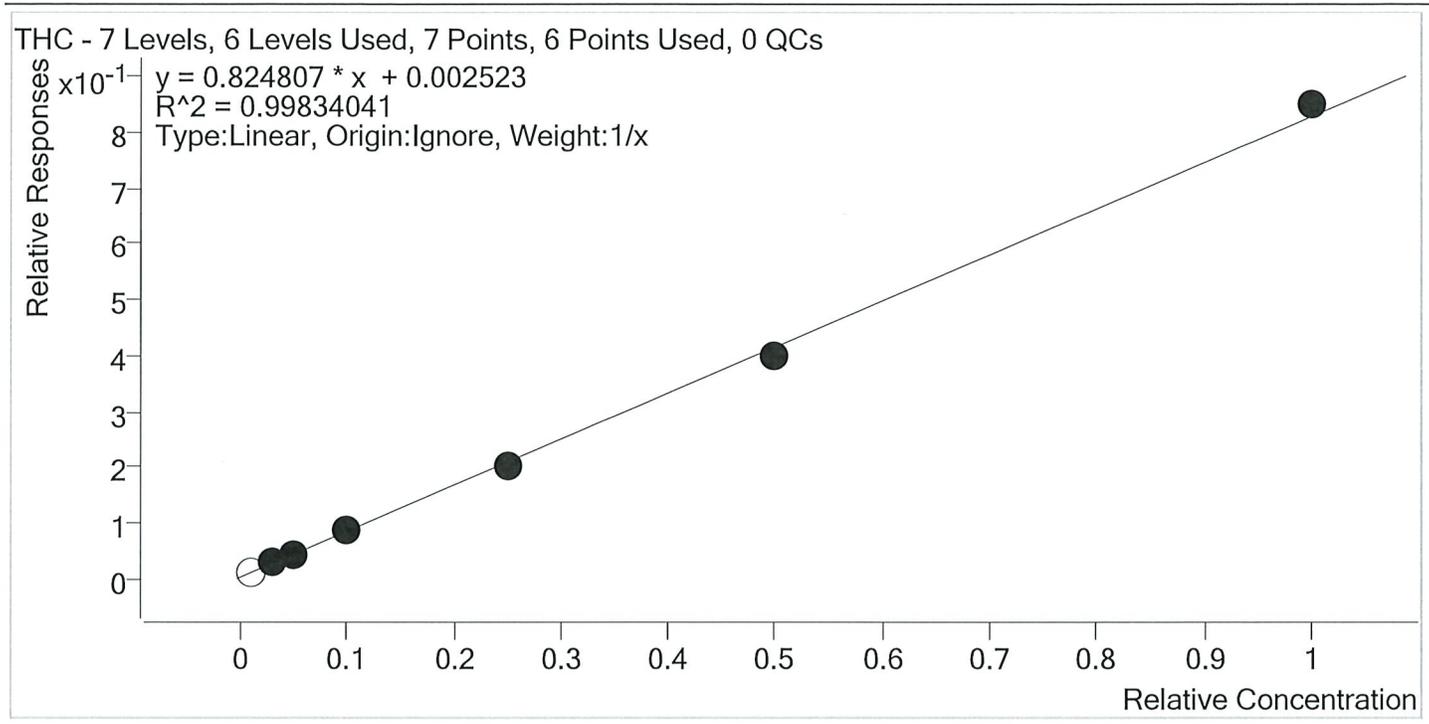
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	2864	67943	4.8039 ng/ml
THC-COOH	2.565	144532	617502	16.2516 ng/ml
THC-OH	2.471	11485	1365857	4.4525 ng/ml

TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
 Last Cal. Update 7/14/2020 12:07 PM
 Analyst Name ISP\datastor
 Analyte THC Internal Standard THC-d3



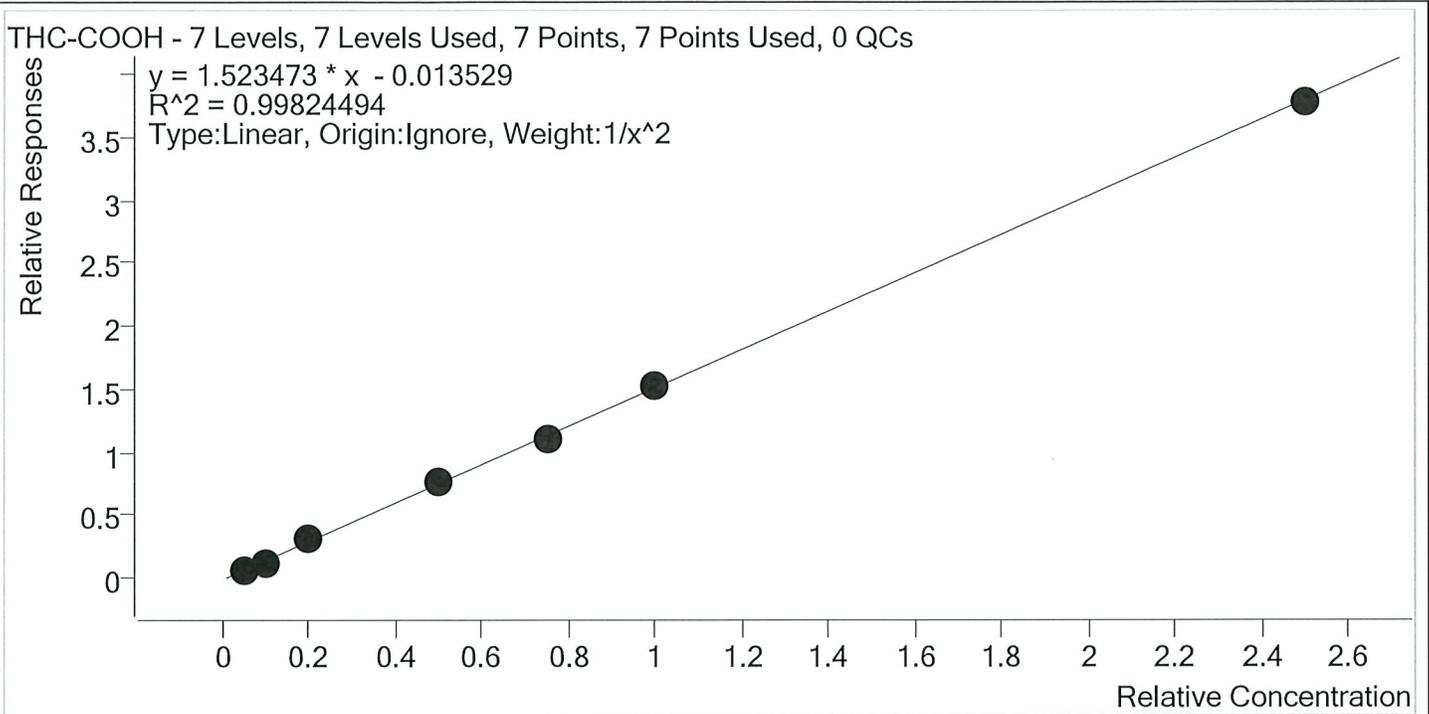
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	×	1.0	1.2	117.0
MJ Cal 2	2	✓	3.0	3.0	100.7
MJ Cal 3	3	✓	5.0	5.0	99.5
MJ Cal 4	4	✓	10.0	10.6	106.0
MJ Cal 5	5	✓	25.0	23.8	95.3
MJ Cal 6	6	✓	50.0	48.0	96.0
MJ Cal 7	7	✓	100.0	102.6	102.6

TS



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 7/14/2020 12:07 PM
Analyst Name ISP\datastor
Analyte THC-COOH **Internal Standard** THC-COOH-d9

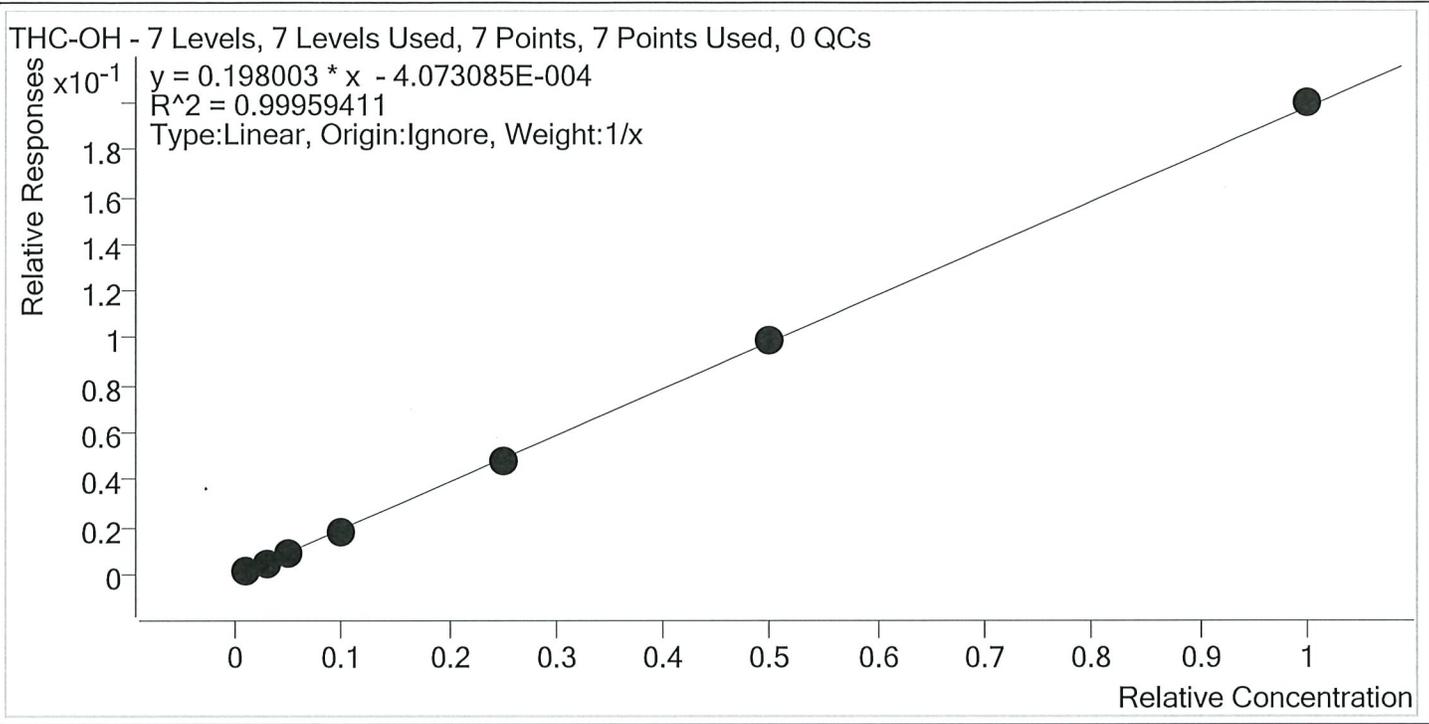


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✓	5.0	5.1	102.0
MJ Cal 2	2	✓	10.0	9.4	93.6
MJ Cal 3	3	✓	20.0	20.9	104.7
MJ Cal 4	4	✓	50.0	50.6	101.3
MJ Cal 5	5	✓	75.0	74.0	98.7
MJ Cal 6	6	✓	100.0	100.4	100.4
MJ Cal 7	7	✓	250.0	248.7	99.5



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 7/14/2020 12:07 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	1.1	112.7
MJ Cal 2	2	✓	3.0	2.8	94.3
MJ Cal 3	3	✓	5.0	4.9	97.7
MJ Cal 4	4	✓	10.0	9.6	96.4
MJ Cal 5	5	✓	25.0	24.4	97.5
MJ Cal 6	6	✓	50.0	50.1	100.3
MJ Cal 7	7	✓	100.0	101.0	101.0

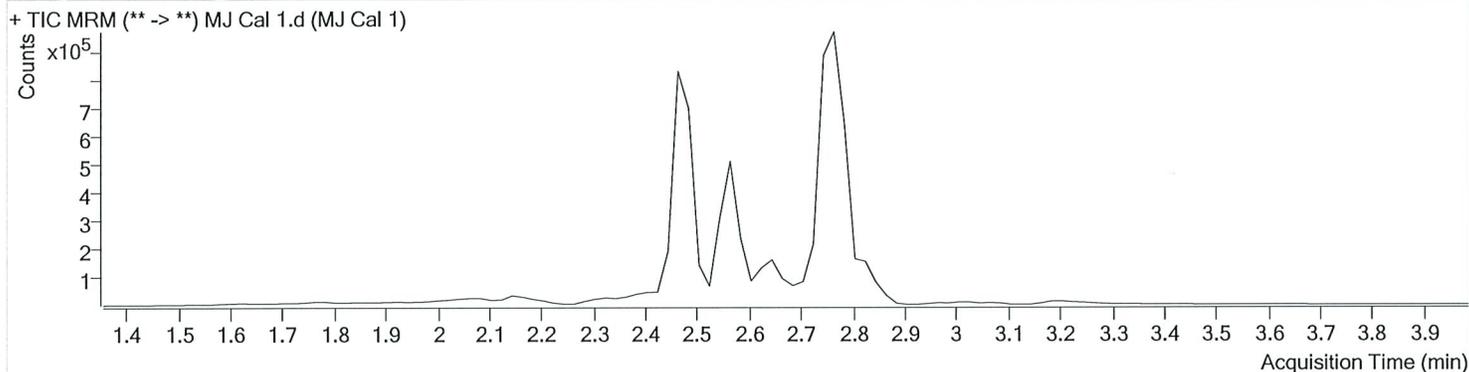


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 7/14/2020 12:07:50 PM

Instrument	Falco	Data File	MJ Cal 1.d
Type	Cal	Sample	MJ Cal 1
Acq. Method	am 26 test.m	Operator	Tamara Salazar
Sample Position	P3-A1	Comment	
Injection Volume	10		
Acq. Date-Time	7/9/2020 11:16:56 AM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.819	2334	191705	1.1704 ng/ml	Low
THC-COOH	2.565	47710	743410	5.1006 ng/ml	
THC-OH	2.471	3750	2055388	1.1273 ng/ml	Low

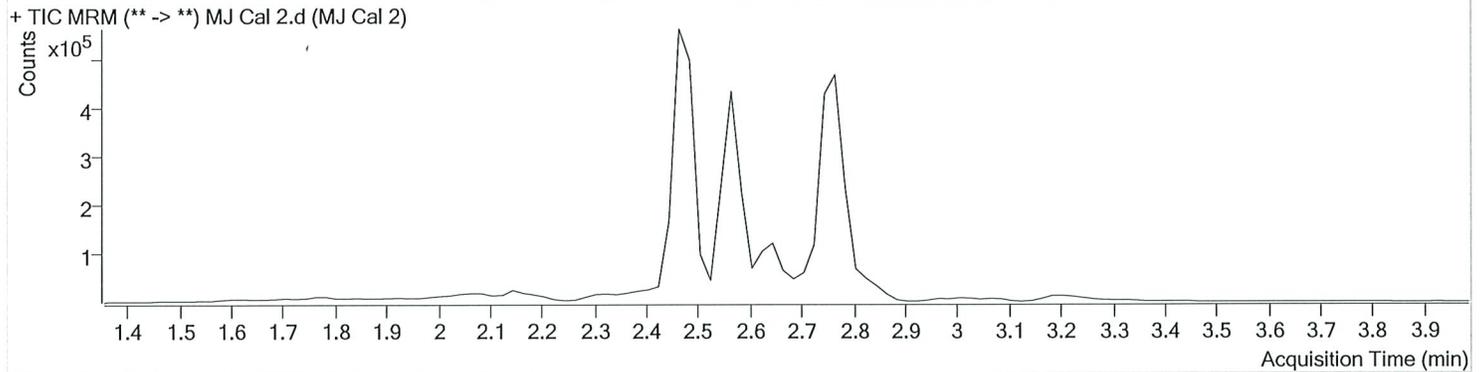


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 7/14/2020 12:07:50 PM

Instrument	Falco	Data File	MJ Cal 2.d
Type	Cal	Sample	MJ Cal 2
Acq. Method	am 26 test.m	Operator	Tamara Salazar
Sample Position	P3-B1	Comment	
Injection Volume	10		
Acq. Date-Time	7/9/2020 11:23:36 AM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	2048	74683	3.0196 ng/ml
THC-COOH	2.565	85849	665481	9.3557 ng/ml
THC-OH	2.471	7505	1444760	2.8292 ng/ml Low



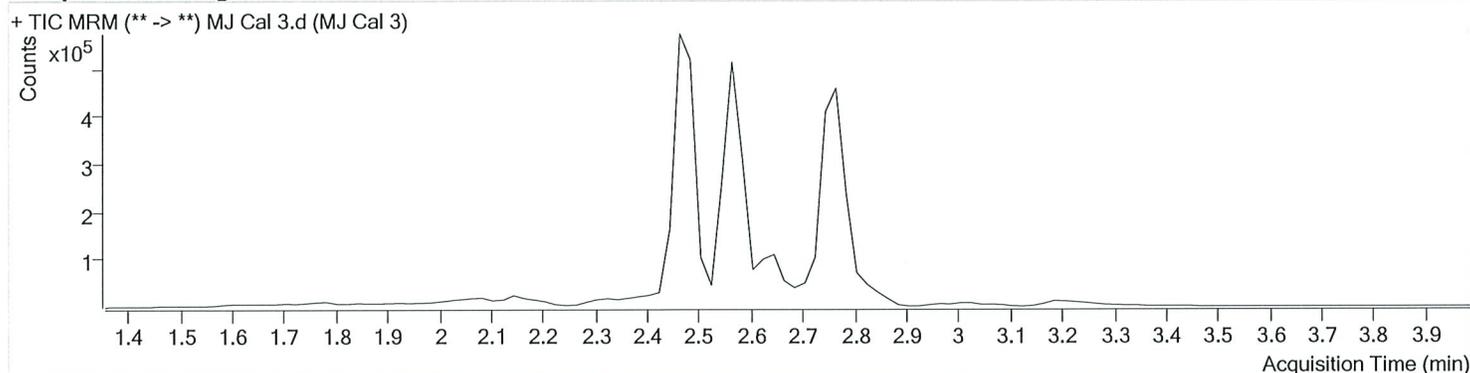
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 7/14/2020 12:07:50 PM

Instrument	Falco	Data File	MJ Cal 3.d
Type	Cal	Sample	MJ Cal 3
Acq. Method	am 26 test.m	Operator	Tamara Salazar
Sample Position	P3-C1	Comment	
Injection Volume	10		
Acq. Date-Time	7/9/2020 11:30:06 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	3042	69845	4.9739 ng/ml
THC-COOH	2.565	198519	650151	20.9306 ng/ml
THC-OH	2.471	12918	1393540	4.8873 ng/ml

TS

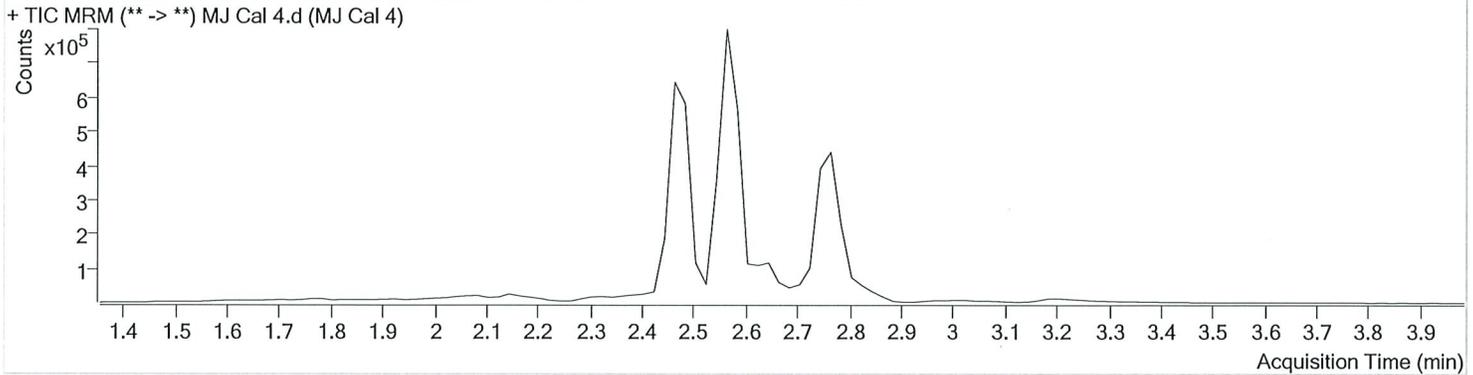


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 7/14/2020 12:07:50 PM

Instrument	Falco	Data File	MJ Cal 4.d
Type	Cal	Sample	MJ Cal 4
Acq. Method	am 26 test.m	Operator	Tamara Salazar
Sample Position	P3-D1	Comment	
Injection Volume	10		
Acq. Date-Time	7/9/2020 11:36:38 AM		

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	6613	73537	10.5969 ng/ml
THC-COOH	2.565	510310	673453	50.6264 ng/ml
THC-OH	2.471	27624	1478008	9.6449 ng/ml

TS



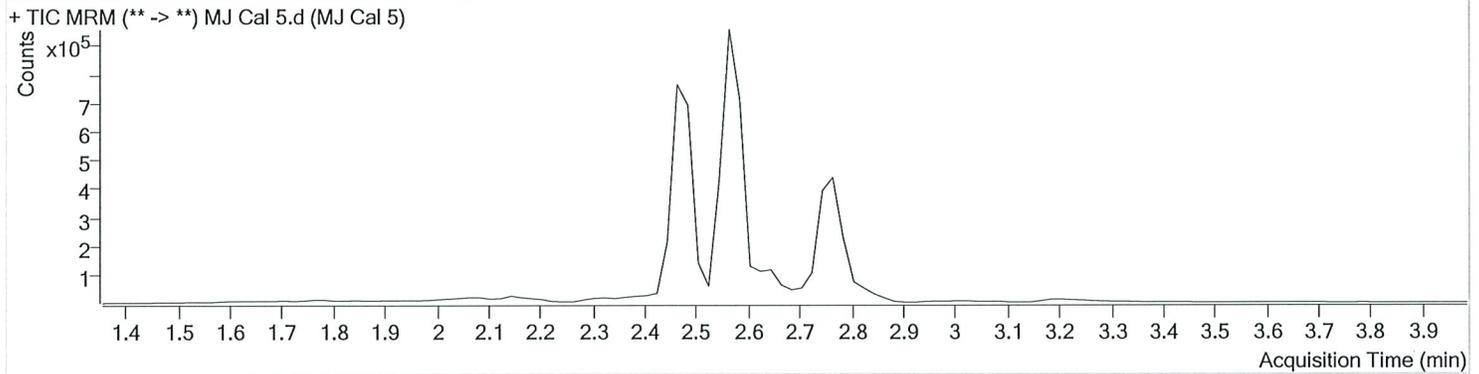
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 7/14/2020 12:07:50 PM

Instrument	Falco	Data File	MJ Cal 5.d
Type	Cal	Sample	MJ Cal 5
Acq. Method	am 26 test.m	Operator	Tamara Salazar
Sample Position	P3-E1	Comment	
Injection Volume	10		
Acq. Date-Time	7/9/2020 11:43:08 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	15005	75390	23.8252 ng/ml
THC-COOH	2.565	694869	623653	74.0231 ng/ml
THC-OH	2.471	68478	1430953	24.3746 ng/ml



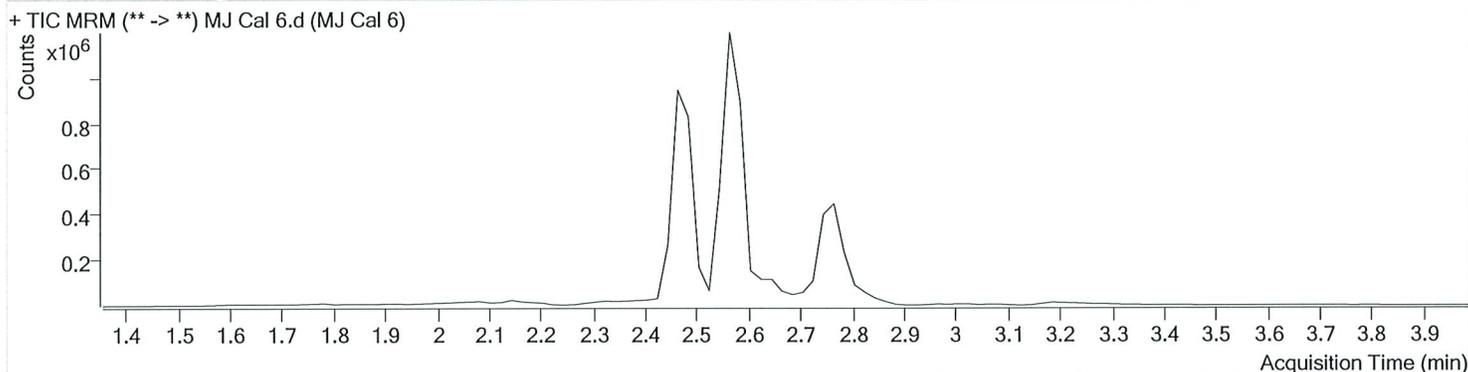
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 7/14/2020 12:07:50 PM

Instrument	Falco	Data File	MJ Cal 6.d
Type	Cal	Sample	MJ Cal 6
Acq. Method	am 26 test.m	Operator	Tamara Salazar
Sample Position	P3-F1	Comment	
Injection Volume	10		
Acq. Date-Time	7/9/2020 11:49:39 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	32147	80657	48.0164 ng/ml
THC-COOH	2.565	957129	631592	100.3596 ng/ml
THC-OH	2.471	133897	1354354	50.1362 ng/ml



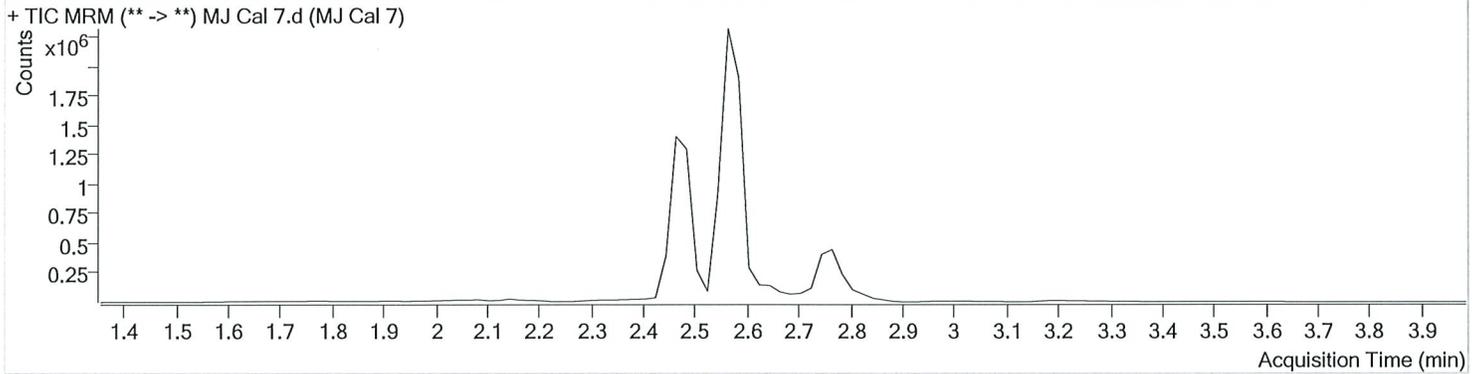
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\070920 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 7/14/2020 12:07:50 PM

Instrument	Falco	Data File	MJ Cal 7.d
Type	Cal	Sample	MJ Cal 7
Acq. Method	am 26 test.m	Operator	Tamara Salazar
Sample Position	P3-G1	Comment	
Injection Volume	10		
Acq. Date-Time	7/9/2020 11:56:10 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.819	62962	74202	102.5681 ng/ml
THC-COOH	2.565	2186594	579251	248.6681 ng/ml
THC-OH	2.471	285030	1428174	101.0005 ng/ml