REVIEWED
By Celena Shrum at 8:53 am, Apr 02, 2020

3/30/2020

Worklist: 4112

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2020-0920	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-0942	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-0944	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-0945	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-0968	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-0981	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-1029	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-1046	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-1049	10	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-1068	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-1085	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2020-1099	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0902	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0910	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0911	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0912	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0913	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0914	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0915	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0917	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0919	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

Worklist: 4112

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2020-0920	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0954	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0963	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0969	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0974	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-0975	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

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Idaho State Police
Forensic Services
Toxicology Discipline

Request for Departure from an Analytical Method

Date of Request
01/13/2020

Forensic Scientist
Celena Shrum

Analytical Methods
Toxicology AM #25, Toxicology AM #26/27, and AM #28

Deviation

The expiration dates listed for the current batch of PinPoint ToxBox extraction plates are as follows:
*MDS (batch IDP-107-190725)- Expiration is 1/25/2020
*THC (batch IDP-108-190716)- Expiration is 1/16/2020
*MDQ P1 (batch IDP-111-190729)- Expiration is 1/29/2020
*MDQ P2 (batch IDP-112-190730)- Expiration is 1/30/2020

I am issuing a deviation to allow for the use of the remaining plates of these batches. The controls will be used to evaluate if the plate is working as intended. In addition, at least one external control must be included for each run.

Celena Shrum

Date: 01/13/2020
Celena Shrum
Toxicology Discipline Lead

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

Extraction Date: 03/27/20 Analyst: Sarah Pickle
Plate lot#: IDP-107-190725 Plate Expiration: 01/25/2020

Mobile phase A: 10mM Amm Form **Mobile phase B:** 0.1% Formic Acid in MeOH
0.5M Ammonium Hydroxide Ethyl Acetate LC Methanol
Blank Blood Lot: Hemostat 445283-3 **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. Pipette **250 µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: #16**
☒ 3. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes. *Shaker ID: 067105*
☒ 4. Pipette **250 µL of 0.5 M ammonium hydroxide** in wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
☒ 6. Transfer **300 µL 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)*** *Manifold ID: 067104*
☒ 8. Wait 5 minutes.
☒ 9. Add **900 µL ethyl acetate.**
☒ 10. Wait 5 minutes.
☒ 11. Apply positive pressure for approx. 10-15 seconds. ***(12-15 PSI- Selector to the left).***
☒ 12. Add **900 µL ethyl acetate.**
☒ 13. Wait 5 minutes.
☒ 14. Apply positive pressure for approx. 10-15 seconds. ***(12-15 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 **100 µL 100% 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.
Batch Name: AM 25 Worklist path: D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP
☒ 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:

Idaho State Police
Forensic Services

AM #25 Blood Multi-Drug Screen by LCMS-QQQ
And
AM #28 Blood Multi-Drug Confirmatory Analysis by LCMS-QQQ---Panel 1

Methanol External Control Solution (Lot: 031820)

100 µL of 1mg/mL stock was added to each drug to 9700 µL of LC MeOH.

Component	*Source*	*Source Lot Number*	*Expiration Date*
Methanol (LCMS)	Fisher	193068	
O-desmethyl Tramadol	Cerilliant	FN01241702	04/30/2022
Amphetamine	Cerilliant	FE04061701	06/30/2022
Alprazolam	Cerilliant	FE07061604	07/31/2021
Prepared:	03/18/20		
Prepared By:	Sarah Pickle		
Expires:	03/18/21		

Blood External Control Solution (Lot: WS031820)

100 µL of methanol external control solution was added to 9900 µL of blood.
Approximately 100 ng/mL of each compound.

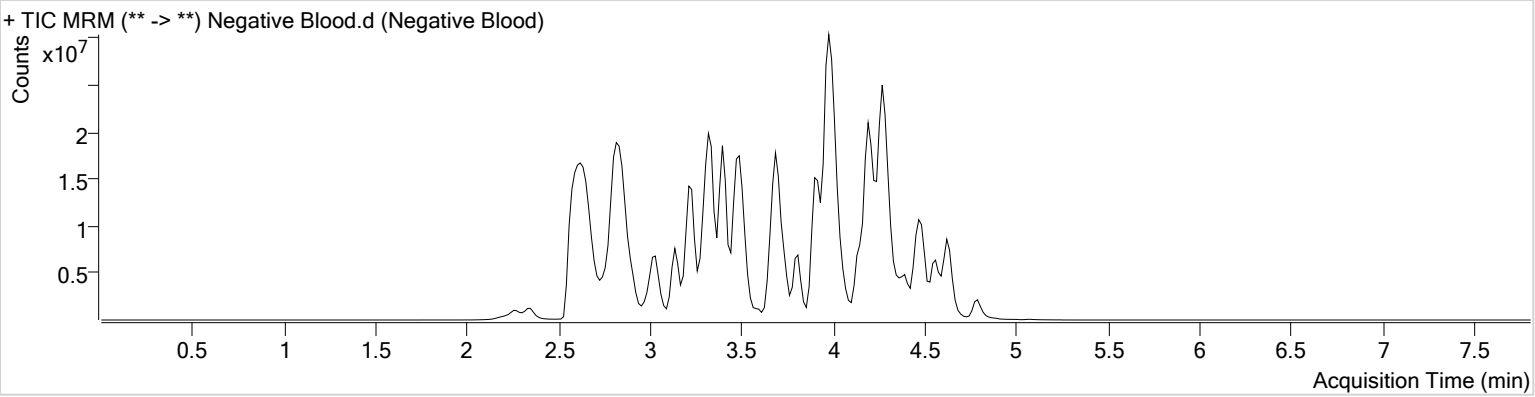
Component	*Source*	*Source Lot Number*
Negative Blood	Hemostat	445283-3
Methanol External Control Solution		031820
Prepared:	03/18/20	
Prepared by:	Sarah Pickle	
Expires:	03/18/21	

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\AM 25.batch.bin
Calibration Last Update 3/30/2020 2:17:43 PM

Instrument	Falco	**Data File**	Negative Blood.d
Type	Sample	**Sample**	Negative Blood
Acq. Method	am 25 all.m	**Operator**	Sarah Pickle
Sample Position	P1-A5	**Comment**	
Injection Volume	5		
Acq. Date-Time	3/27/2020 7:35:30 PM		
Sample Info.			

Sample Chromatogram

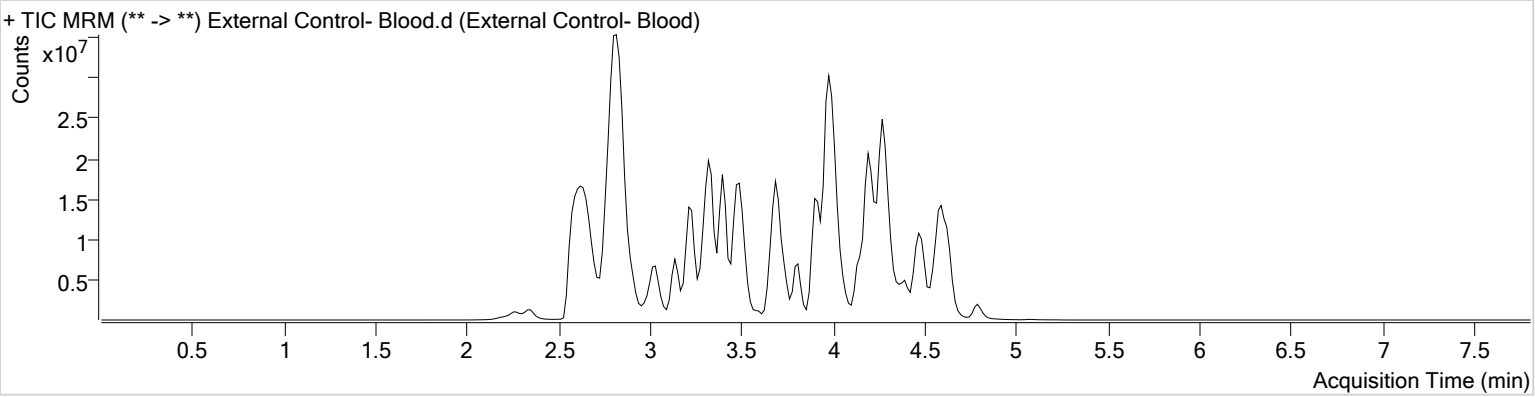


AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\AM 25.batch.bin
Calibration Last Update 3/30/2020 2:17:43 PM

Instrument	Falco	**Data File**	External Control- Blood.d
Type	Sample	**Sample**	External Control- Blood
Acq. Method	am 25 all.m	**Operator**	Sarah Pickle
Sample Position	P1-B5	**Comment**	
Injection Volume	5		
Acq. Date-Time	3/27/2020 7:43:48 PM		
Sample Info.			

Sample Chromatogram



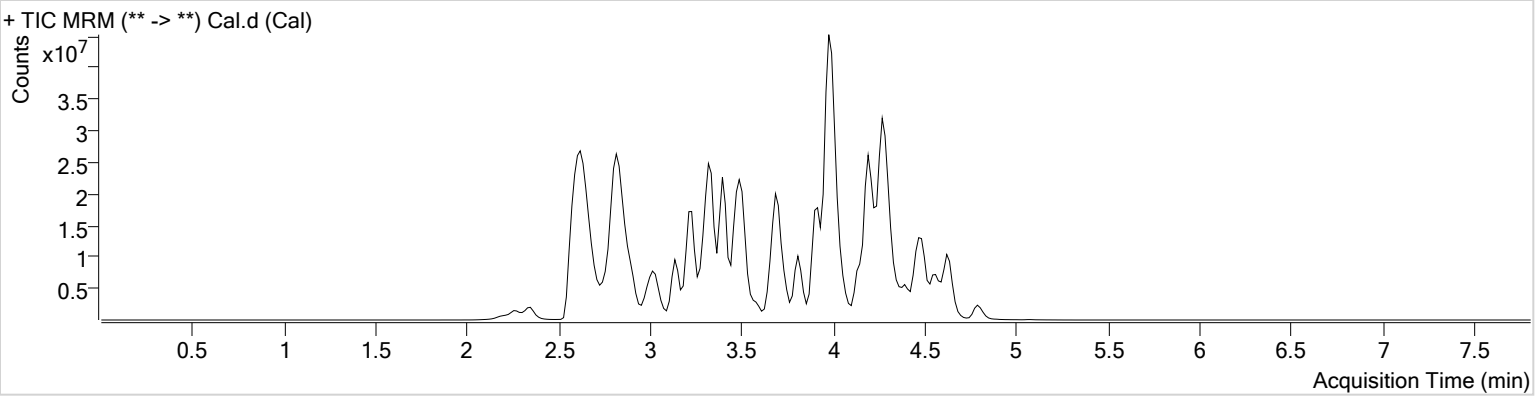
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Alprazolam	4.595	15836986	∞	4596.22	4503072	102.6289
Amphetamine	2.782	18629128	1326.72	3901.83	5127885	111.3510
O-desmethyl-tramadol	2.837	54570190	∞	354.09	39268956	61.1902

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\AM 25.batch.bin
Calibration Last Update 3/30/2020 2:17:43 PM

Instrument	Falco	**Data File**	Cal.d
Type	Cal	**Sample**	Cal
Acq. Method	am 25 all.m	**Operator**	Sarah Pickle
Sample Position	P1-B1	**Comment**	
Injection Volume	5		
Acq. Date-Time	3/27/2020 7:27:02 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	2.799	47226	∞	28.06	1119025	10.0000
7-aminoclonazepam	3.536	634737	113.10	182.16	2637841	10.0000
7-aminoflunitrazepam	3.751	1012731	48878.49	67.24	7193201	10.0000
Acetyl Fentanyl	3.670	191525	249.79	28.26	17735965	10.0000
Acetyl Norfentanyl	2.808	313265	51.74	463.97	14635112	10.0000
a-hydroxyalprazolam	4.484	124843	51.03	64575.18	658657	10.0000
alpha-hydroxymidazolam	4.483	1057070	968.26	111.62	6868479	10.0000
alpha-PVP	3.405	3194096	1007.05	1474.26	17036955	10.0000
Alprazolam	4.595	1710483	∞	∞	4991427	10.0000
Amitriptyline	4.307	3748797	69.35	336.38	8876687	10.0000
Amphetamine	2.782	1757639	108.43	8143.75	5387281	10.0000
Benzoylecgonine	3.352	836548	193.03	283.87	3885164	10.0000
Buprenorphine	3.958	246115	139.19	14659.55	1397539	10.0000
Bupropion	3.603	326658	73.61	22.91	1379597	10.0000
Carbamazepine	4.204	3774656	7953.67	∞	23358794	10.0000
Carisoprodol	4.186	333208	280.83	21.69	1679068	10.0000
Chlordiazepoxide	4.566	455962	73.16	∞	13463085	10.0000
Chlorpheniramine	3.829	20864	6.88	279828.87	38989413	10.0000
Citalopram	3.963	1374336	298.06	35416.71	6382515	10.0000
Clonazepam	4.424	865649	5951.79	∞	1542173	10.0000
Cocaine	3.473	4623046	3361.65	281.13	21783955	10.0000
Codeine	2.682	398824	1724.65	400.77	1789829	10.0000
Cyclobenzaprine	4.246	2887255	412.61	144.34	9988663	10.0000
Desipramine	4.278	4105791	1040.54	473.35	24140097	10.0000
Dextromethorphan	3.969	1108737	159.05	1094.14	5529903	10.0000
Dextrorphan	3.294	2312991	2005.81	11060.65	14959519	10.0000
Diazepam	4.813	662171	567.55	317.82	3618589	10.0000
Dihydrocodeine	2.650	951179	1442.21	60.50	4956762	10.0000
Diphenhydramine	3.924	6420158	220961.06	152619.23	38989413	10.0000
Doxepin	4.043	1642602	743554.93	205.50	10161144	10.0000
Doxylamine	3.507	8533900	493.69	3353502.87	33776410	10.0000
EDDP	3.982	4833815	563.13	1387653.28	31416811	10.0000
Estazolam	4.504	3986528	∞	∞	11805870	10.0000
Etizolam	4.606	288737	7031.38	50696.01	11805870	10.0000

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Fentanyl	3.900	235682	121.89	142131.80	15887965	10.0000
Flunitrazepam	4.532	1484954	∞	507.84	330435	10.0000
Fluoxetine	4.226	2405819	2258.39	592.83	10743136	10.0000
Flurazepam	4.006	1758563	11860.97	96.73	330435	10.0000
Hydrocodone	2.864	1250266	∞	3923.69	8353774	10.0000
Hydromorphone	2.353	1353522	22.47	11.17	5470884	10.0000
Imipramine	4.275	5140535	976774.21	∞	19642512	10.0000
Ketamine	3.250	3477199	1655.99	198.43	17723516	10.0000
Lamotrigine	3.402	205797	333.90	130.92	7857487	10.0000
Levamisole	2.824	4132194	3655.30	172.03	21783955	10.0000
Lorazepam	4.409	403072	159.42	62.71	1542173	10.0000
Maprotiline	4.307	3565811	2691.76	10250.56	8876687	10.0000
MDA	2.917	1865820	∞	266.13	8903110	10.0000
MDEA	3.145	4797257	5646.14	1397.61	21665343	10.0000
MDMA	2.992	5305977	119121.32	2370.44	3399765	10.0000
Meperidine	3.479	1531735	289.12	283.71	7857487	10.0000
Meprobamate	3.621	32849	11.76	981.19	192228	10.0000
Methadone	4.287	6597015	3520.55	∞	28033542	10.0000
Methamphetamine	2.888	2631117	∞	1282.80	15043531	10.0000
Methocarbamol	3.525	125309	16695.11	∞	7857487	10.0000
Methylphenidate	3.420	8328013	∞	38.83	34632561	10.0000
Metoprolol	3.354	533968	588.67	672.05	7857487	10.0000
Midazolam	4.362	598467	56177.92	39.52	6974664	10.0000
Mirtazapine	3.584	1454338	418.05	∞	7857487	10.0000
Mitragynine	4.036	248788	136676.88	∞	10161144	10.0000
Morphine	2.188	199374	813.26	997.16	147578	10.0000
Norbuprenorphine	3.729	18522	14060.64	10582.94	85105	10.0000
Nordiazepam	4.662	1404211	464.93	427.79	4599228	10.0000
Norfentanyl	3.235	5927971	∞	85.53	27288693	10.0000
Norhydrocodone	2.851	36203	∞	8.18	1108378	10.0000
Normeperidine	3.497	1180033	439.62	257.12	4335435	10.0000
Noroxycodone	2.803	903133	88.72	183.00	2952982	10.0000
Nortriptyline	4.309	1811207	146.67	572.29	4437027	10.0000
O-desmethyl-tramadol	2.822	9564361	∞	33.72	42114520	10.0000
Olanzapine	3.258	1086345	48.79	60.32	100996	10.0000
Oxazepam	4.474	1660516	548.61	142.58	11191960	10.0000
Oxycodone	2.816	2081552	126.83	211.99	9443949	10.0000
Oxymorphone	2.257	1275880	∞	270.26	4580572	10.0000
Paroxetine	4.253	299699	∞	159996.86	9570010	10.0000
Phenazepam	4.620	1240381	∞	∞	6188192	10.0000
Phencyclidine	3.817	4032870	291.84	473.26	18962671	10.0000
Phentermine	3.055	1144698	81.07	13.09	14187879	10.0000
Phenytoin	4.095	14392	39.61	7.26	100996	10.0000
Promethazine	4.198	9230731	34974.25	1950.72	33057270	10.0000
Pseudoephedrine	2.628	46621562	∞	∞	133154747	10.0000
Quetiapine	4.129	1548564	182.36	207.11	2407079	10.0000
Sertraline	4.457	1937412	261.91	294.89	9570010	10.0000
Sufentanil	4.144	263596	17425.33	99.20	18003710	10.0000
Tapentadol	3.344	3743526	512.23	2011.90	20160464	10.0000
Temazepam	4.642	2870569	∞	27.20	14663635	10.0000
Tramadol	3.324	11126086	1612.02	119.60	40898284	10.0000
Trazodone	4.007	2431059	2140.36	148.55	10921058	10.0000
Venlafaxine	3.690	3571105	∞	467.72	20333275	10.0000
Zaleplon	4.335	1427645	744.13	1695.95	2962088	10.0000
Zolpidem	3.702	5791606	754.96	∞	29300823	10.0000
Zopiclone	3.638	162880	81.36	48.32	894425	10.0000

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

Extraction Date: 03/27/20 Analyst: Sarah Pickle

Plate lot#: IDP-108-2-200303 Plate Expiration: 09/03/20

Mobile phase A: 10mM Ammonium Formate 0.1% Formic Acid in Water
Blank Blood Lot: Hemostat 445283-3
LCMS-QQQ ID: 069901

Mobile phase B: 0.1% Formic acid in MeOH MTBE Hexane
Column: Phenomenex Phenyl Hexyl (4.6x50mm: 2.6 um)

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 **1000 µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: 3382167**
☒ 3. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes. *Shaker ID: 067105*
☒ 4. Pipette **500 µL 0.1% formic acid** in wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
☒ 6. Transfer 8**00 µL 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)*** Manifold ID: 067104
☒ 8. Wait 5 minutes.
☒ 9. Add **2.25 mL MTBE** (add in 3 increments of 750 µL).
☒ 10. Wait 5 minutes.
☒ 11. Apply positive pressure for approx. 10-15 seconds. ***(12-15 PSI- Selector to the left).***
☒ 12. Add **2.25 mL hexane** (add in 3 increments of 750 µL).
☒ 13. Wait 5 minutes.
☒ 14. Apply positive pressure for approx. 10-15 seconds. ***(12-15 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 **100 µL 100% LCMS MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

☒ 1. Create batch and process data.
Worklist path: D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP
Batch Name: 26 updated
☒ 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 +/-0.100 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

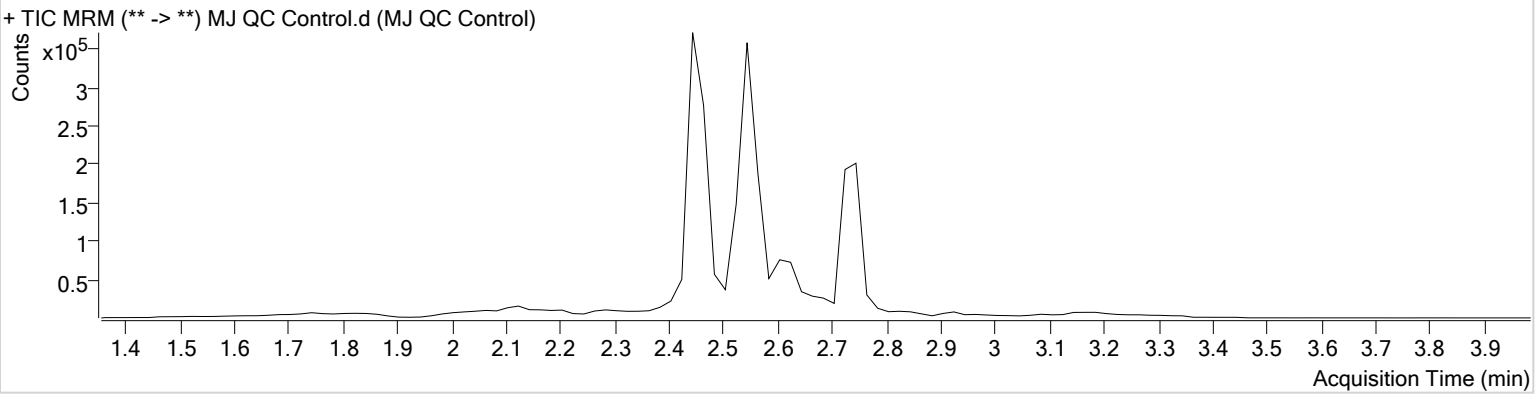
COMMENTS: *Did not evaluate THC or OH-THC due to poor responses and peak shape*
Calibrators 3-5 were dropped for THC-COOH due to varying internal standard responses.

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Calibration Last Update 4/1/2020 10:26:42 AM

Instrument	Falco	**Data File**	MJ QC Control.d
Type	Sample	**Sample**	MJ QC Control
Acq. Method	am 26 test.m	**Operator**	Sarah Pickle
Sample Position	P3-H1	**Comment**	
Injection Volume	10		
Acq. Date-Time	3/27/2020 3:24:47 PM		
Sample Info.			

Sample Chromatogram



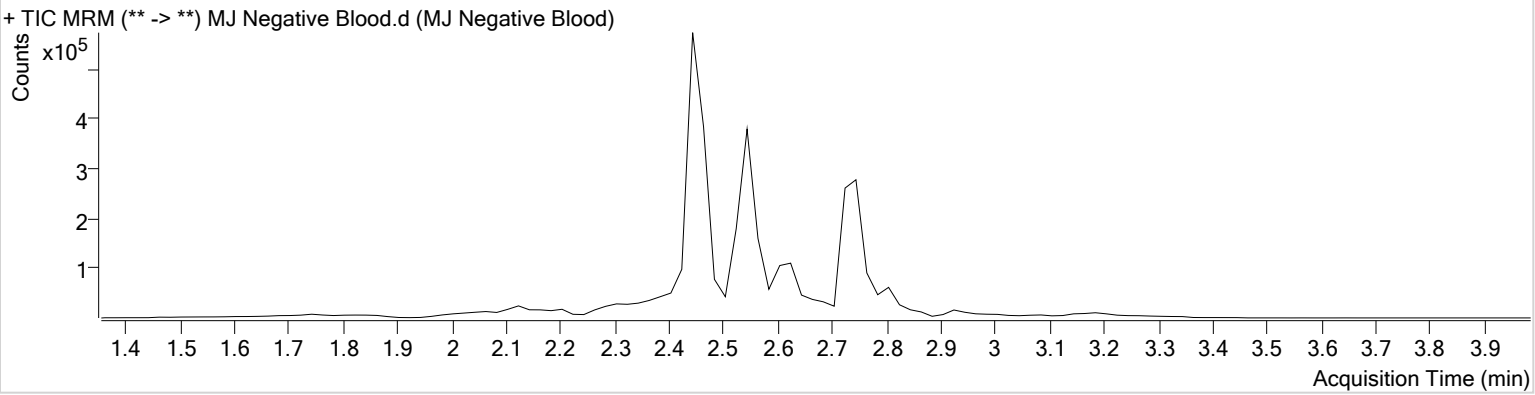
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC-COOH	2.565	153825	418741	5.8050 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Calibration Last Update 4/1/2020 10:26:42 AM

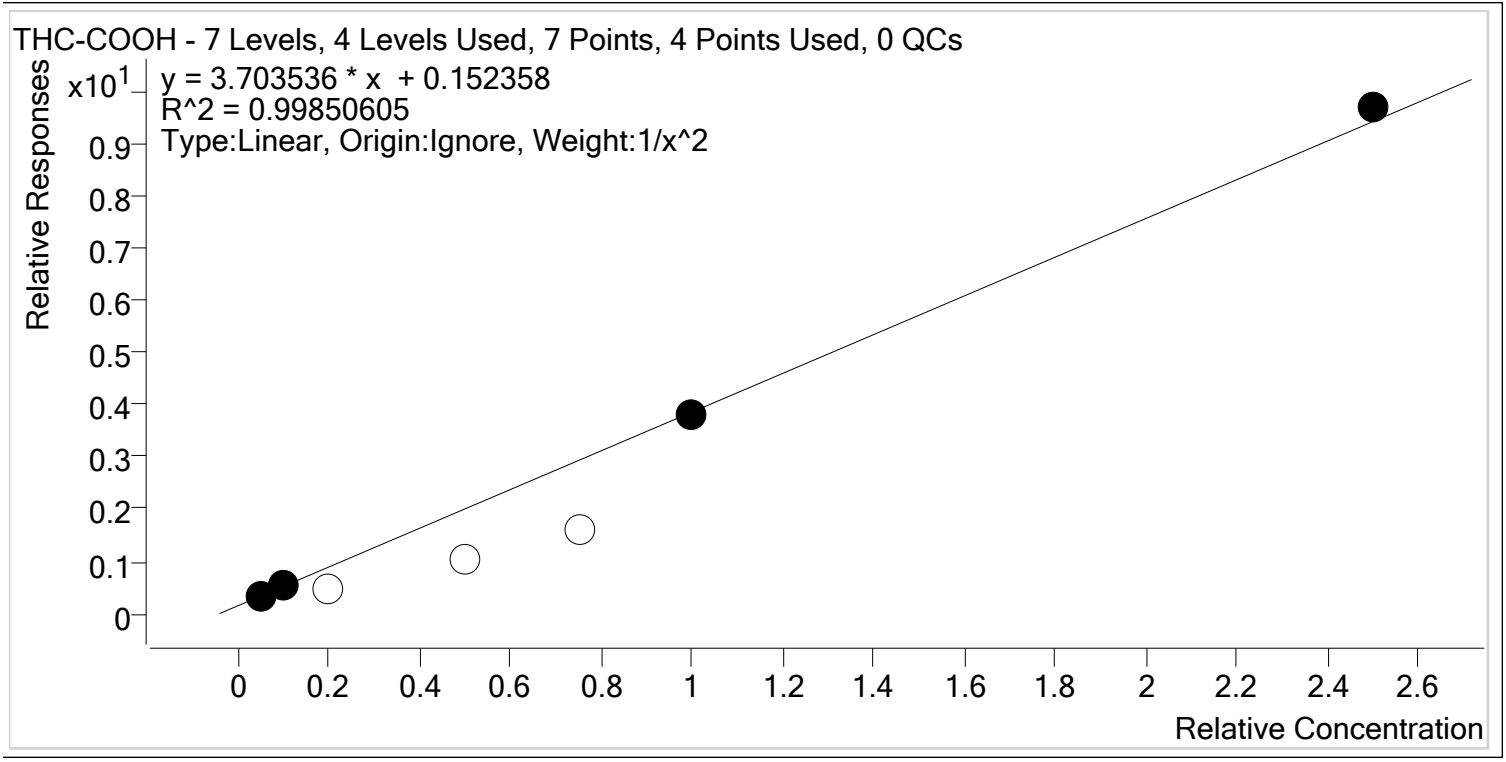
Instrument	Falco	**Data File**	MJ Negative Blood.d
Type	Sample	**Sample**	MJ Negative Blood
Acq. Method	am 26 test.m	**Operator**	Sarah Pickle
Sample Position	P3-A2	**Comment**	
Injection Volume	10		
Acq. Date-Time	3/27/2020 3:37:49 PM		
Sample Info.			

Sample Chromatogram



AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Last Cal. Update	4/1/2020 10:26 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	102.1
MJ Cal 2	2	✔	10.0	9.6	95.8
MJ Cal 3	3	✗	20.0	9.1	45.4
MJ Cal 4	4	✗	50.0	24.1	48.2
MJ Cal 5	5	✗	75.0	40.2	53.6
MJ Cal 6	6	✔	100.0	99.2	99.2
MJ Cal 7	7	✔	250.0	257.2	102.9

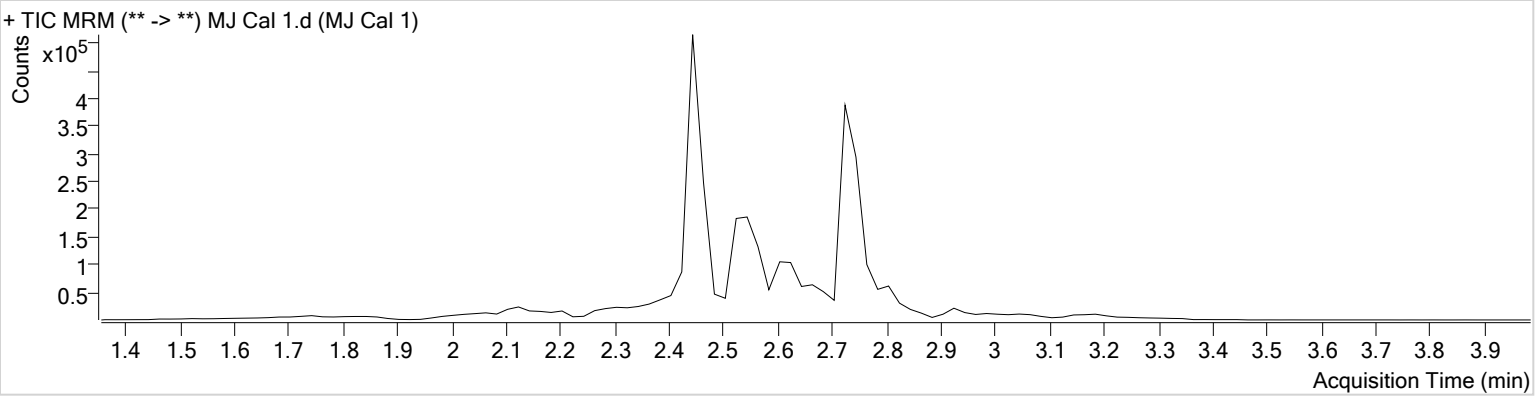
Generated at 10:27 AM on 4/1/2020

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Calibration Last Update 4/1/2020 10:26:42 AM

Instrument	Falco	**Data File**	MJ Cal 1.d
Type	Cal	**Sample**	MJ Cal 1
Acq. Method	am 26 test.m	**Operator**	Sarah Pickle
Sample Position	P3-A1	**Comment**	
Injection Volume	10		
Acq. Date-Time	3/27/2020 2:38:58 PM		
Sample Info.			

Sample Chromatogram



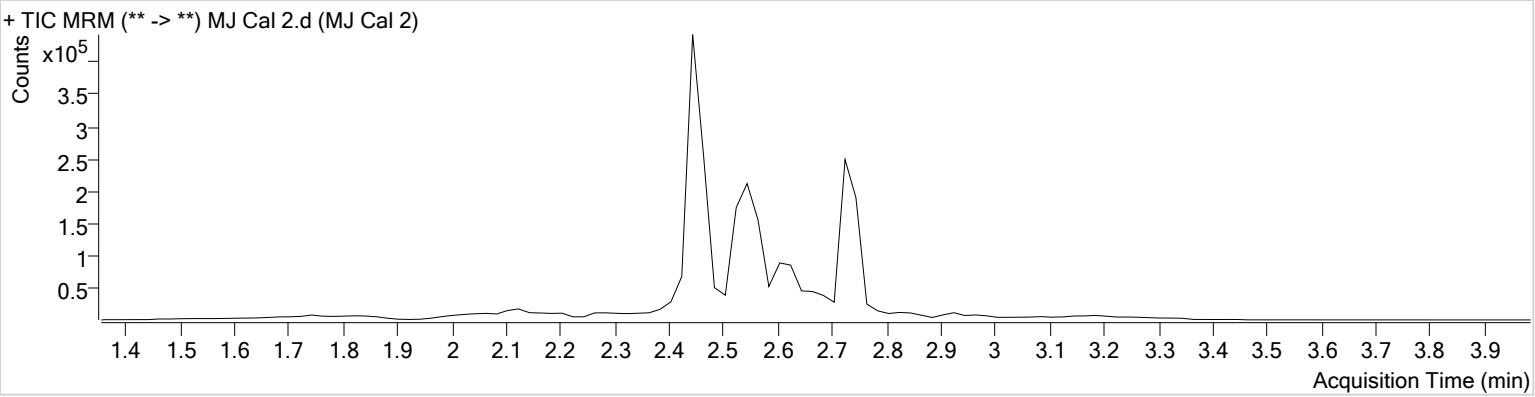
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC-COOH	2.565	78248	229231	5.1030 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Calibration Last Update 4/1/2020 10:26:42 AM

Instrument	Falco	**Data File**	MJ Cal 2.d
Type	Cal	**Sample**	MJ Cal 2
Acq. Method	am 26 test.m	**Operator**	Sarah Pickle
Sample Position	P3-B1	**Comment**	
Injection Volume	10		
Acq. Date-Time	3/27/2020 2:45:38 PM		
Sample Info.			

Sample Chromatogram



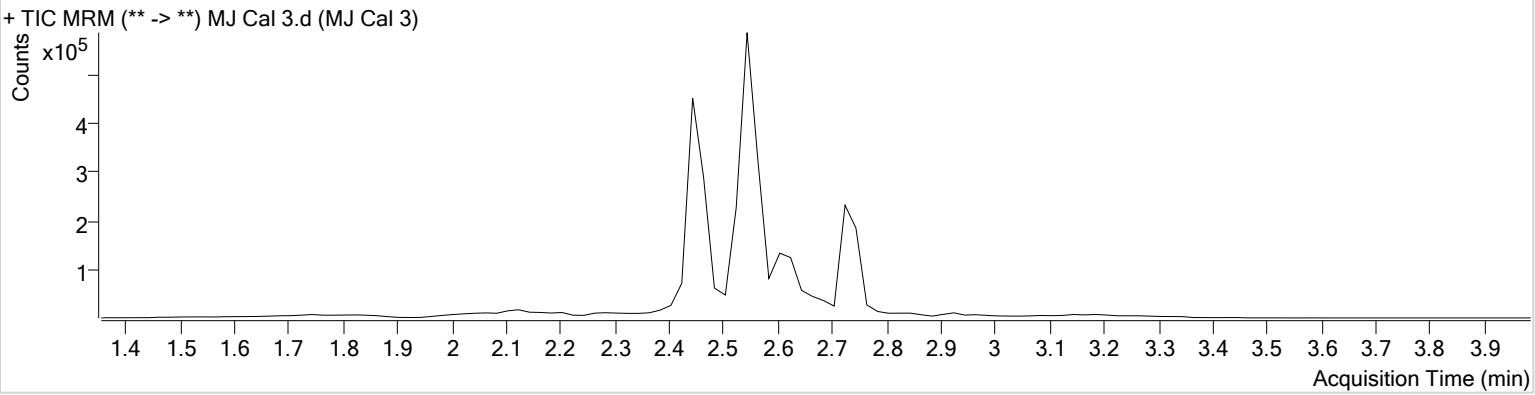
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC-COOH	2.545	128506	253307	9.5842 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Calibration Last Update 4/1/2020 10:26:42 AM

Instrument	Falco	**Data File**	MJ Cal 3.d
Type	Cal	**Sample**	MJ Cal 3
Acq. Method	am 26 test.m	**Operator**	Sarah Pickle
Sample Position	P3-C1	**Comment**	
Injection Volume	10		
Acq. Date-Time	3/27/2020 2:52:10 PM		
Sample Info.			

Sample Chromatogram



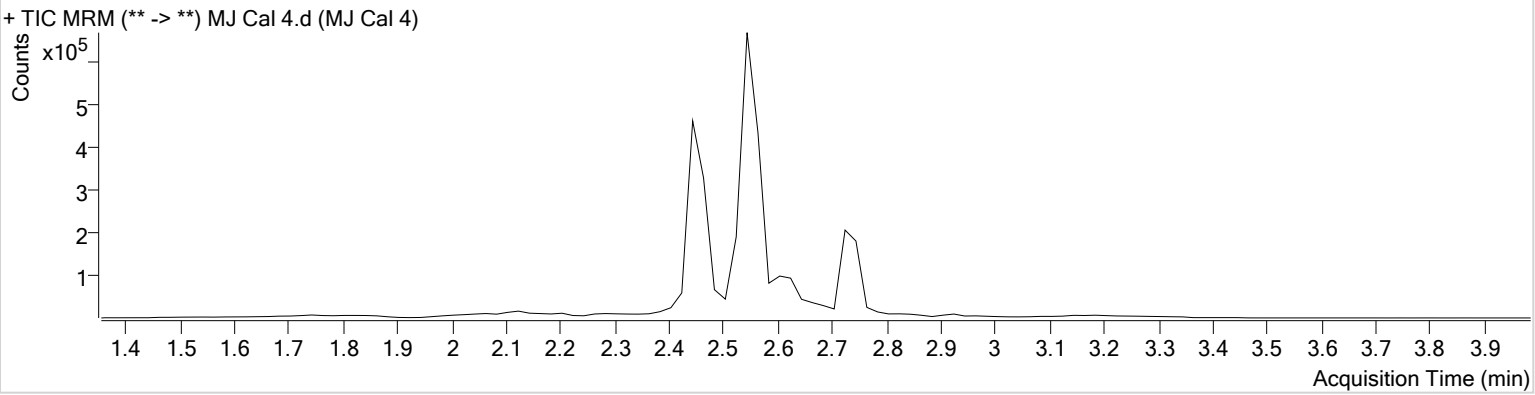
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC-COOH	2.565	318908	652791	9.0771 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Calibration Last Update 4/1/2020 10:26:42 AM

Instrument	Falco	**Data File**	MJ Cal 4.d
Type	Cal	**Sample**	MJ Cal 4
Acq. Method	am 26 test.m	**Operator**	Sarah Pickle
Sample Position	P3-D1	**Comment**	
Injection Volume	10		
Acq. Date-Time	3/27/2020 2:58:42 PM		
Sample Info.			

Sample Chromatogram



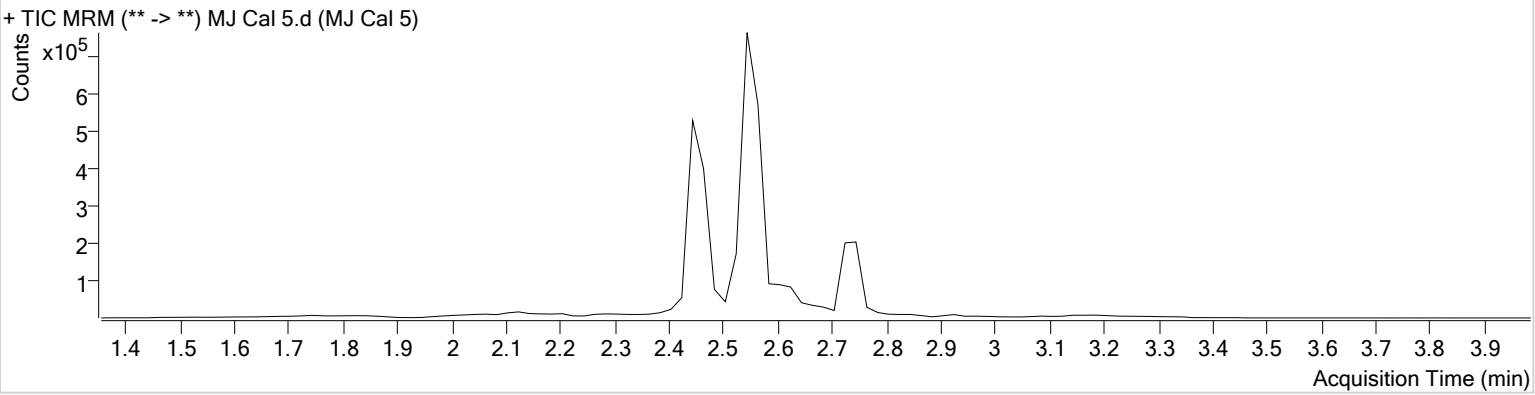
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC-COOH	2.565	487233	466140	24.1091 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Calibration Last Update 4/1/2020 10:26:42 AM

Instrument	Falco	**Data File**	MJ Cal 5.d
Type	Cal	**Sample**	MJ Cal 5
Acq. Method	am 26 test.m	**Operator**	Sarah Pickle
Sample Position	P3-E1	**Comment**	
Injection Volume	10		
Acq. Date-Time	3/27/2020 3:05:14 PM		
Sample Info.			

Sample Chromatogram



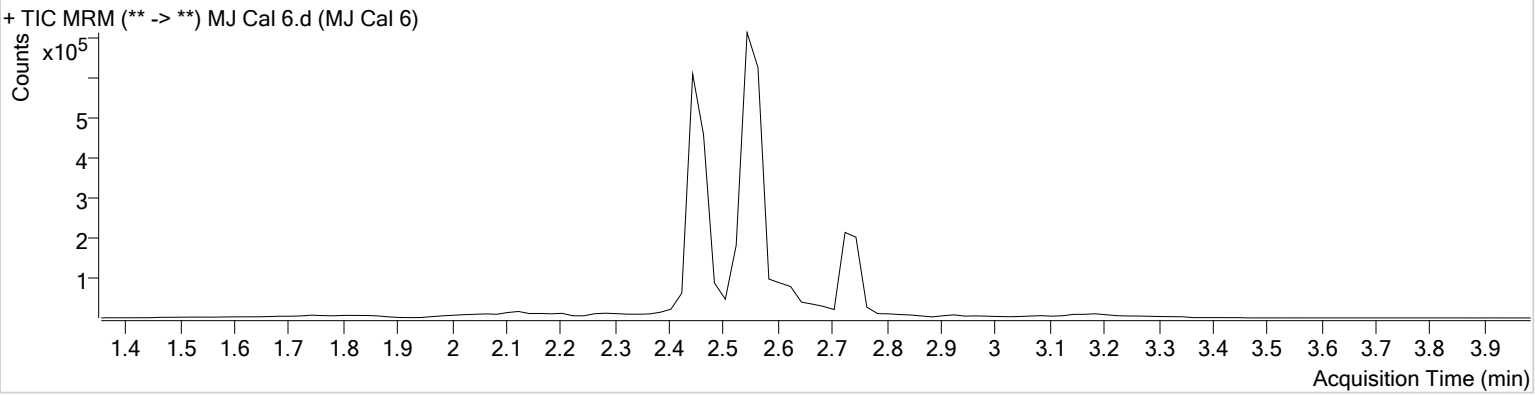
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC-COOH	2.565	706904	430900	40.1824 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Calibration Last Update 4/1/2020 10:26:42 AM

Instrument	Falco	**Data File**	MJ Cal 6.d
Type	Cal	**Sample**	MJ Cal 6
Acq. Method	am 26 test.m	**Operator**	Sarah Pickle
Sample Position	P3-F1	**Comment**	
Injection Volume	10		
Acq. Date-Time	3/27/2020 3:11:43 PM		
Sample Info.			

Sample Chromatogram



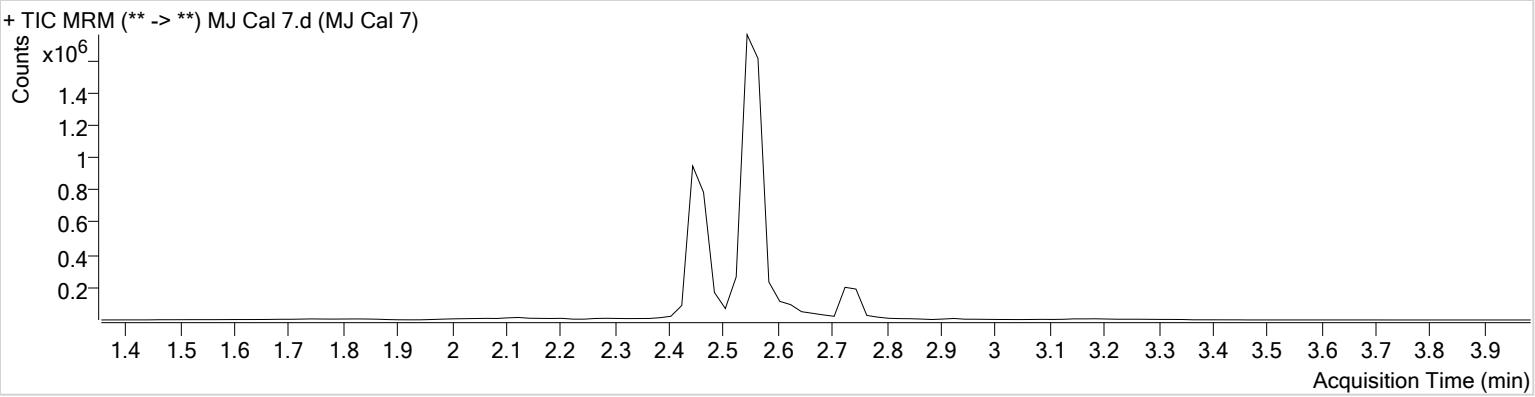
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC-COOH	2.565	855928	223652	99.2214 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020\AM 25-26\032720 AM 25 26 SP\QuantResults\26 updated.batch.bin
Calibration Last Update 4/1/2020 10:26:42 AM

Instrument	Falco	**Data File**	MJ Cal 7.d
Type	Cal	**Sample**	MJ Cal 7
Acq. Method	am 26 test.m	**Operator**	Sarah Pickle
Sample Position	P3-G1	**Comment**	
Injection Volume	10		
Acq. Date-Time	3/27/2020 3:18:15 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC-COOH	2.565	2509321	259294	257.1904 ng/ml