

REVIEWED

By Anne Nord at 11:25 am, Mar 02, 2021










2/22/2021

Worklist: 4799

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-0052	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2021-0182	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2021-0402	6	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2021-0404	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
M2021-0434	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0075	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0095	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0101	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0127	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0245	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0247	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0278	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0279	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0280	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0281	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0282	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0288	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0289	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0290	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0291	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0292	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

Worklist: 4799

8C

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2021-0293	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0294	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0295	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0296	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0315	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0317	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0325	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0331	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	
P2021-0332	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ	

8C

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

Extraction Date: 02/22/21
Plate lot#: IDP-120-201206

Analyst: Sarah Collins
Plate Expiration: 6/6/2021

Mobile phase A: 10mM Amm Form
0.5M Ammonium Hydroxide
Blank Blood Lot: Lampire 20L20724
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 **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.
- 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)
- 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.
- 16. Reconstitute in **100 µL 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 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

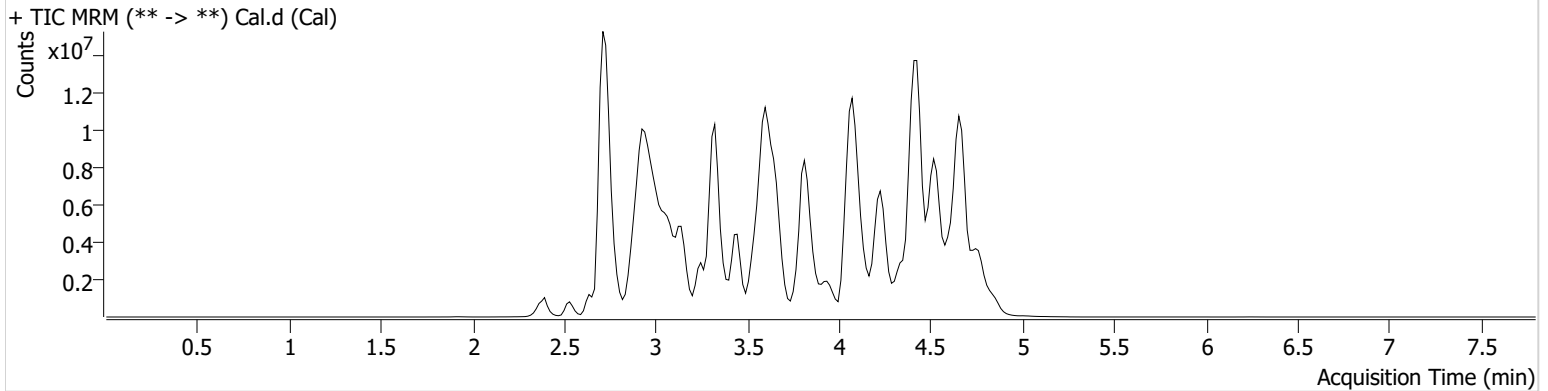
SC



Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 25.batch.bin
Calibration Last Update 2/23/2021 7:43:39 PM

Instrument	Instrument 1	Data File	Cal.d
Type	Cal	Sample	Cal
Acq. Method	AM 25 MDS.m	Operator	Sarah Collins
Sample Position	P2-A1	Comment	
Injection Volume	5		
Acq. Date-Time	2/23/2021 12:34:54 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	2.968	65379	∞	3289.00	2022110	10.0000
7-aminoclonazepam	3.569	1612703	∞	950.85	6818084	10.0000
7-aminoflunitrazepam	3.768	2547855	∞	1329.66	6818084	10.0000
Acetyl Fentanyl	3.964	115388	125.85	56.66	29668204	10.0000
Acetyl Norfentanyl	2.901	362915	269.06	254.71	29668204	10.0000
a-hydroxyalprazolam	4.515	469963	154.02	∞	6818084	10.0000
alpha-hydroxymidazolam	4.591	2672775	783.85	472748.31	6818084	10.0000
Alpha-PHP	3.880	2560618	9154.05	4622.79	29668204	10.0000
alpha-PVP	3.590	3302134	∞	502.48	7646885	10.0000
Alprazolam	4.626	3682476	∞	204539.43	25904290	10.0000
Amitriptyline	4.476	177843	51.50	∞	505646	10.0000
Amphetamine	2.905	2656720	392.20	604.54	7646885	10.0000
Benzoylecgonine	3.369	390927	211849.16	19246.99	558118	10.0000
Brompheniramine	4.056	27288	2022.70	202.89	23740004	10.0000
Buprenorphine	4.877	227183	191.75	17557.96	1044564	10.0000
Bupropion	3.850	2714989	426.80	430.86	10530731	10.0000
Carbamazepine	4.250	11337546	∞	∞	724649	10.0000
Carisoprodol	4.233	1771327	4778.94	446.39	10918420	10.0000
Chlordiazepoxide	4.735	1665842	52.04	∞	25904290	10.0000
Chlorpheniramine	3.969	2432805	348.44	349.59	23740004	10.0000
Citalopram	4.086	1078317	718.34	1009.08	23740004	10.0000
Clomipramine	4.686	149285	∞	7.42	23740004	10.0000
Clonazepam	4.455	1683372	1159.86	∞	25904290	10.0000
Clonazolam	4.375	2027337	300.88	176.64	25904290	10.0000
Cocaehtylene	3.811	4228476	∞	205750.32	26088679	10.0000
Cocaine	3.598	4269070	362269.86	247.52	26088679	10.0000
Codeine	2.881	426392	631065.50	∞	11272667	10.0000
Cyclobenzaprine	4.385	221012	180.72	11.44	505646	10.0000
Desipramine	4.401	296365	∞	8.38	505646	10.0000
Dextromethorphan	4.109	549496	458.26	93114.56	2948965	10.0000
Dextrorphan	3.387	1966406	374.68	809.01	2948965	10.0000
Diazepam	4.859	1231889	1839.60	580.04	25904290	10.0000
Dihydrocodeine	2.774	1044350	26.02	22.46	11272667	10.0000

Cal

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AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Diphenhydramine	4.064	3245333	376.75	173.49	23740004	10.0000
Doxepin	4.199	238871	68.11	27.78	9262906	10.0000
Doxylamine	3.647	8120346	24896.78	39279.28	2948965	10.0000
EDDP	4.092	884686	550.16	411.25	2132106	10.0000
Estazolam	4.535	7204802	17050.01	∞	25904290	10.0000
Etizolam	4.621	439253	197271.25	203560.63	25904290	10.0000
Fentanyl	4.208	45945	∞	2596.82	3265959	10.0000
Flualprazolam	4.484	1414465	∞	∞	25904290	10.0000
Flunitrazepam	4.564	3113964	2080.36	7715.22	25904290	10.0000
Fluoxetine	4.350	123010	∞	∞	317101	10.0000
Flurazepam	4.282	1629896	637173.45	132.75	25904290	10.0000
Hydrocodone	3.079	1661252	91.12	∞	11272667	10.0000
Hydromorphone	2.534	1258403	∞	∞	228280	10.0000
Imipramine	4.445	527300	522.45	71.52	505646	10.0000
Ketamine	3.681	3804776	∞	108.52	16354297	10.0000
Lamotrigine	3.633	306255	39.48	226.11	23740004	10.0000
Levamisole	3.024	3031220	∞	693.31	26088679	10.0000
Levetiracetam	2.644	1458707	∞	∞	23740004	10.0000
Lorazepam	4.439	612487	∞	402.99	25904290	10.0000
Maprotiline	4.476	185037	37.15	7.82	505646	10.0000
MDA	3.010	2423455	∞	1081.64	16233051	10.0000
MDEA	3.238	3517043	∞	∞	16233051	10.0000
MDMA	3.101	4695085	∞	266.29	16233051	10.0000
Meperidine	3.634	1837581	2104.54	∞	2948965	10.0000
Meprobamate	3.668	1171220	2560.38	186.70	10918420	10.0000
Methadone	4.410	1630552	∞	114.12	2132106	10.0000
Methamphetamine	3.011	3393550	170.12	129.50	16233051	10.0000
Methocarbamol	3.573	593625	192.06	97.80	2132106	10.0000
Methylphenidate	3.543	7111688	947.96	∞	14487816	10.0000
Metoprolol	3.448	574487	228.56	665.32	2948965	10.0000
Midazolam	4.775	559537	325.44	858.27	25904290	10.0000
Mirtazapine	4.140	1358944	41691.76	952.57	2948965	10.0000
Mitragynine	4.282	108654	45633.48	273.34	2948965	10.0000
Morphine	2.367	293743	∞	∞	228280	10.0000
Norbuprenorphine	3.853	30641	∞	1453.63	1044564	10.0000
Nordiazepam	4.707	1402697	∞	∞	25904290	10.0000
Norfentanyl	3.329	6233676	1430.30	138.26	29668204	10.0000
Norhydrocodone	2.944	37798	205.94	∞	228280	10.0000
Norketamine	3.805	723722	642.42	160319.83	16354297	10.0000
Normeperidine	3.621	1348399	250.47	544.05	23740004	10.0000
Noroxycodone	2.896	2103991	335.21	97.22	16354297	10.0000
Nortriptyline	4.448	73067	66.27	17.09	505646	10.0000
O-desmethyl-tramadol	2.915	7170636	323043.92	366.42	23740004	10.0000
Olanzapine	3.903	432150	1263.56	103.40	724649	10.0000
Oxazepam	4.521	3187008	∞	533.96	14706649	10.0000
Oxycodone	2.955	3365493	∞	457.45	16354297	10.0000
Oxymorphone	2.393	2119075	799.37	631.14	228280	10.0000
Paroxetine	4.361	17273	5.62	17.87	317101	10.0000
Phenazepam	4.651	2963172	5258.13	∞	25904290	10.0000
Phencyclidine	3.941	2939528	496.02	342.98	2948965	10.0000
Phentermine	3.163	1079624	∞	∞	14487816	10.0000
Phenytoin	4.141	1248810	∞	∞	724649	10.0000
Promethazine	4.414	597173	169.86	21.54	23740004	10.0000
Pseudoephedrine	2.720	51969831	∞	9718.75	16233051	10.0000
Quetiapine	4.620	1728104	520.24	∞	40917110	10.0000
Sertraline	4.596	66574	51.55	29.16	317101	10.0000
Sufentanil	4.604	28662	7938.51	12.88	29668204	10.0000
Tapentadol	3.453	4519831	6468.53	∞	16354297	10.0000
Temazepam	4.673	4639239	∞	419.12	25904290	10.0000
Tramadol	3.433	7844189	∞	∞	23740004	10.0000

Cal

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AM #25 Multi-Drug Screen Results



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Trazodone	4.788	2043543	494.36	1026.04	9262906	10.0000
Venlafaxine	3.815	5188243	15169.18	151.74	317101	10.0000
Zaleplon	4.335	2939943	1923469.39	1012983.01	40917110	10.0000
Zolpidem	4.427	10196280	3865.13	1144.85	40917110	10.0000
Zopiclone	4.328	581148	206616.83	1325.39	3216345	10.0000

SC

AM #25 Multi-Drug Screen Results

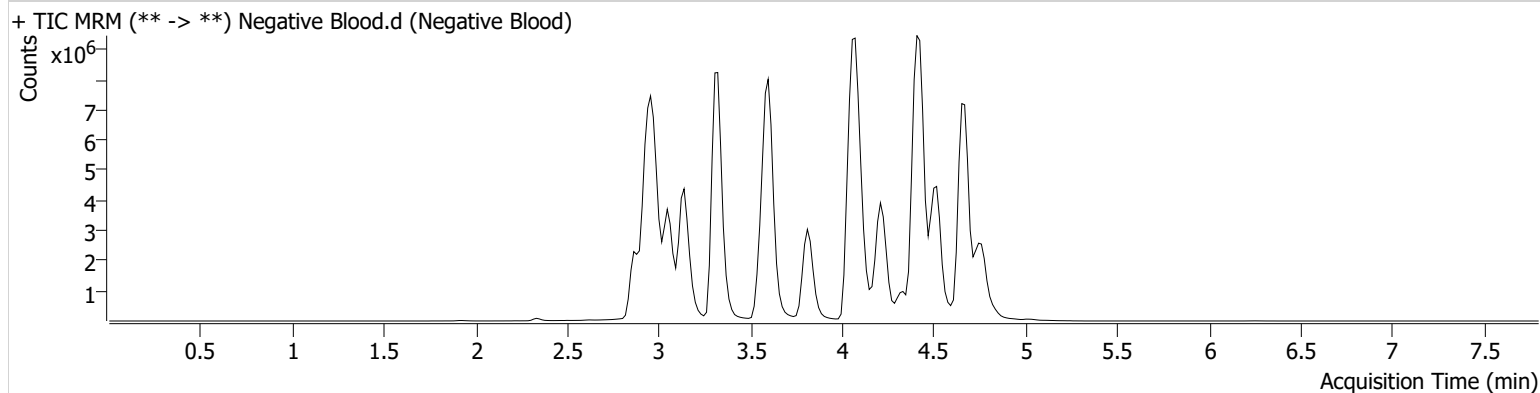


Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 25.batch.bin

Calibration Last Update 2/23/2021 7:43:39 PM

Instrument	Instrument 1	Data File	Negative Blood.d
Type	Sample	Sample	Negative Blood
Acq. Method	AM 25 MDS.m	Operator	Sarah Collins
Sample Position	P2-C1	Comment	
Injection Volume	5		
Acq. Date-Time	2/23/2021 12:43:28 PM		
Sample Info.			

Sample Chromatogram



8C

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

Extraction Date: 02/22/21

Analyst: Sarah Collins

Plate lot#: IDP-108-2-201206

Plate Expiration: 06/06/21

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: Lampire 20L20724

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

LCMS-QQ 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 **1000 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.
- 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 **800 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)
- 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.
- 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.
- 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 (analyst discretion between 5-10 ng/mL).
- 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: Due to a clog the run stopped on case sample M2021-0052-3. The clog was removed and the run continued normally. The case sample M2021-0052-3 was reconstituted and ~~reinject~~ due to the run stopping in the middle. reinjected 3/3/21 8C

Due to insufficient sample amount, case sample P2021-0281-1 was not ran on AM 26.

Due to low internal standard response, P2021-0317-1 was reconstituted and reinjected. Reinject data used.

8C

	1	2	3	4	5	6
A	IS + Cal. 1	negative	p2021-0101-1	p2021-0282-1*	p2021-0295-1	p2021-0288-1
B	IS + Cal. 2	m2021-0052-3	p2021-0127-1	p2021-0288-1*	p2021-0296-1	p2021-0290-1
C	IS + Cal. 3	m2021-0182-1	p2021-0245-1	p2021-0289-1	p2021-0315-1	p2021-0282-1
D	IS + Cal. 4	m2021-0402-6	p2021-0247-3	p2021-0290-1*	p2021-0317-1	p2021-0278-1
E	IS + Cal. 5	m2021-0404-2	p2021-0278-1*	p2021-0291-1	p2021-0325-1	p2021-0279-1
F	IS + Cal. 6	m2021-0434-3	p2021-0279-1*	well contaminated and not used	p2021-0331-1	
G	IS + Cal. 7	p2021-0075-1	p2021-0280-1	p2021-0293-1	p2021-0332-1	
H	IS + QC_1	p2021-0095-2	insufficient sample amount p2021-0281-1 was not ran	p2021-0294-1	p2021-0292-1	

All wells to contain 100 µl of residual DMSO

*Samples moved during analytical step 6 due to blood clot

SC



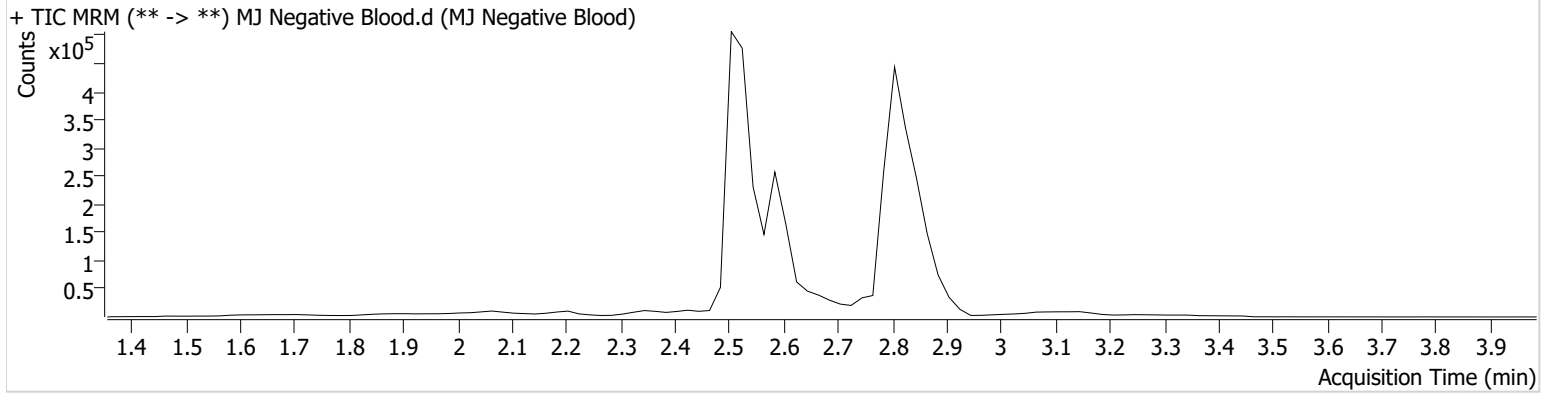
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 26.batch.bin

Calibration Last Update 2/23/2021 11:55:41 AM

Instrument Type	Instrument 1 Sample	Data File	MJ Negative Blood.d
Acq. Method	AM 26 THCS.m	Sample Operator	MJ Negative Blood Sarah Collins
Sample Position	P1-A2	Comment	
Injection Volume	10		
Acq. Date-Time	2/22/2021 5:03:29 PM		
Sample Info.			

Sample Chromatogram



SC

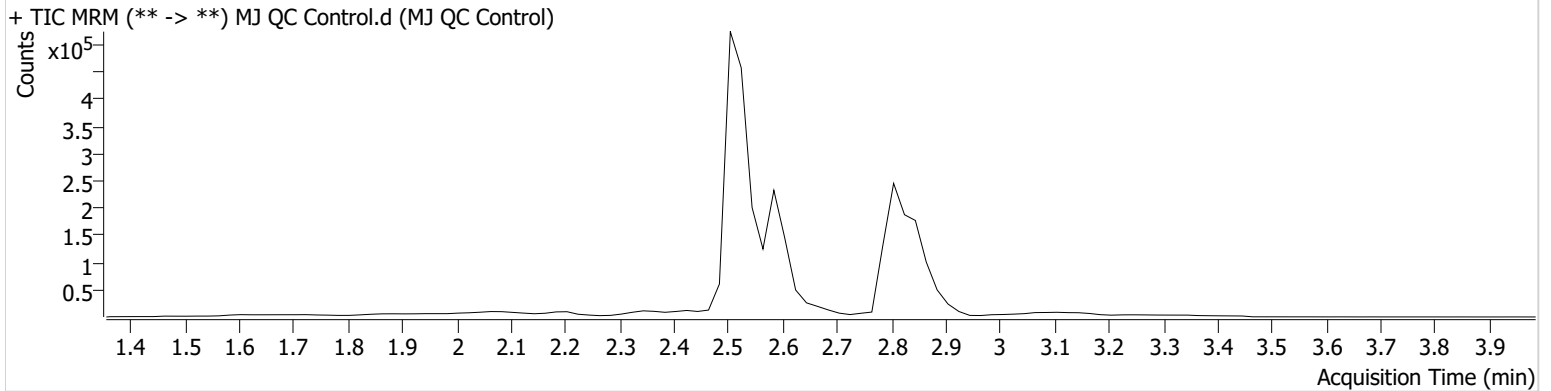


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 26.batch.bin
Calibration Last Update 2/23/2021 11:55:41 AM

Instrument	Instrument 1	Data File	MJ QC Control.d
Type	Sample	Sample	MJ QC Control
Acq. Method	AM 26 THCS.m	Operator	Sarah Collins
Sample Position	P1-H1	Comment	
Injection Volume	10		
Acq. Date-Time	2/22/2021 4:50:23 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.879	2992	75253	4.3095 ng/ml
THC-COOH	2.585	114301	355995	15.0018 ng/ml
THC-OH	2.532	63987	1408425	3.9752 ng/ml

8C



AM #26 Cannabinoids Screen Calibration Curve Report

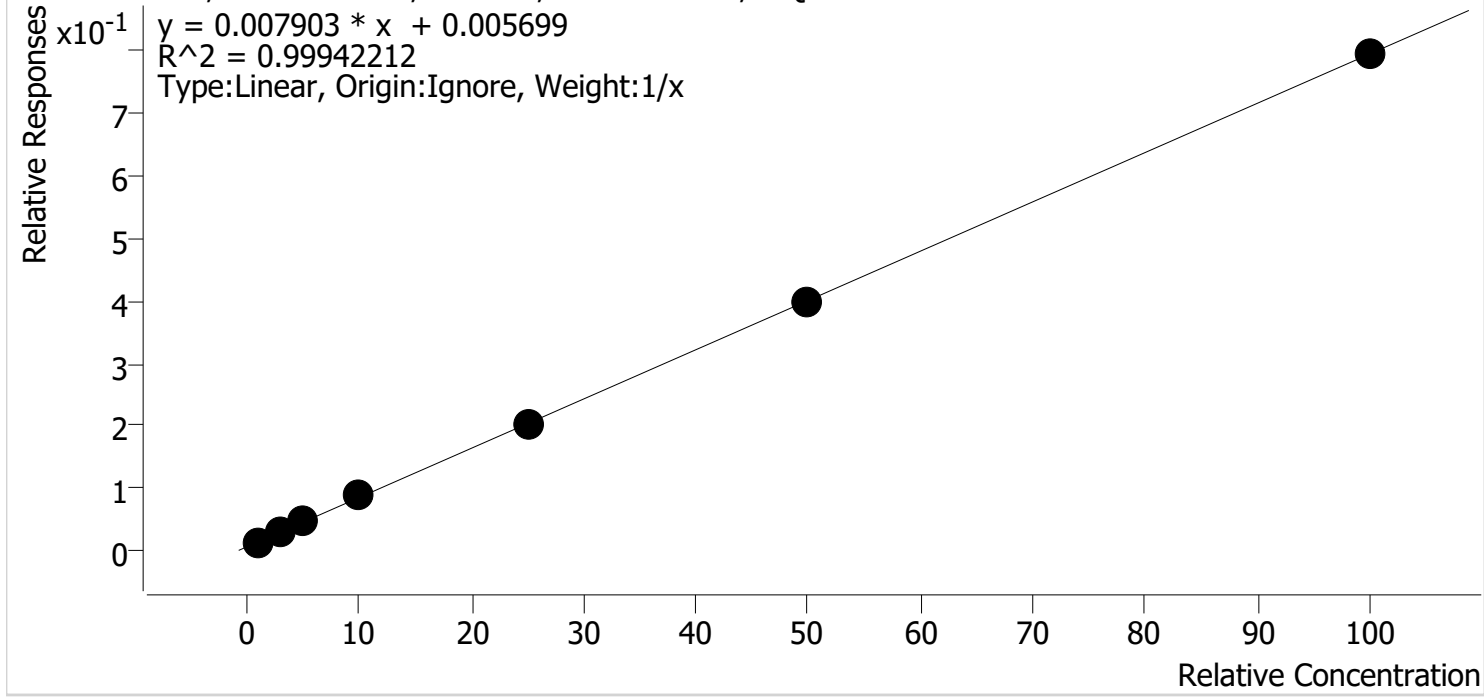
Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin
SAEC\QuantResults\AM 26.batch.bin

Last Cal. Update 2/23/2021 11:55 AM

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	0.9	90.8
MJ Cal 2	2	✓	3.0	2.9	96.7
MJ Cal 3	3	✓	5.0	5.4	108.9
MJ Cal 4	4	✓	10.0	10.6	106.0
MJ Cal 5	5	✓	25.0	24.6	98.5
MJ Cal 6	6	✓	50.0	49.6	99.3
MJ Cal 7	7	✓	100.0	99.9	99.9

8C



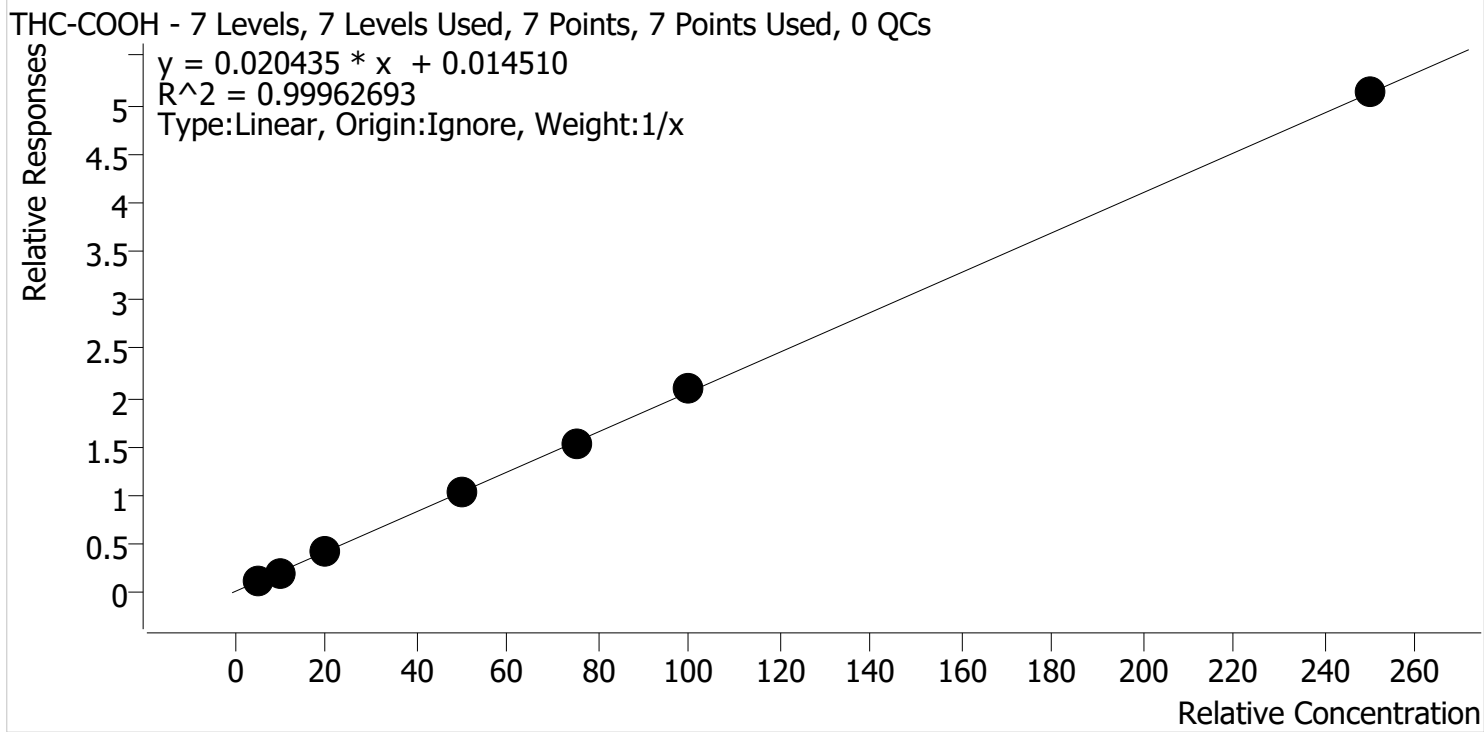
AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin
SAEC\QuantResults\AM 26.batch.bin

Last Cal. Update 2/23/2021 11:55 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	5.5	110.3
MJ Cal 2	2	✓	10.0	9.3	93.1
MJ Cal 3	3	✓	20.0	19.3	96.5
MJ Cal 4	4	✓	50.0	49.5	99.0
MJ Cal 5	5	✓	75.0	74.8	99.8
MJ Cal 6	6	✓	100.0	101.2	101.2
MJ Cal 7	7	✓	250.0	250.4	100.1

8C



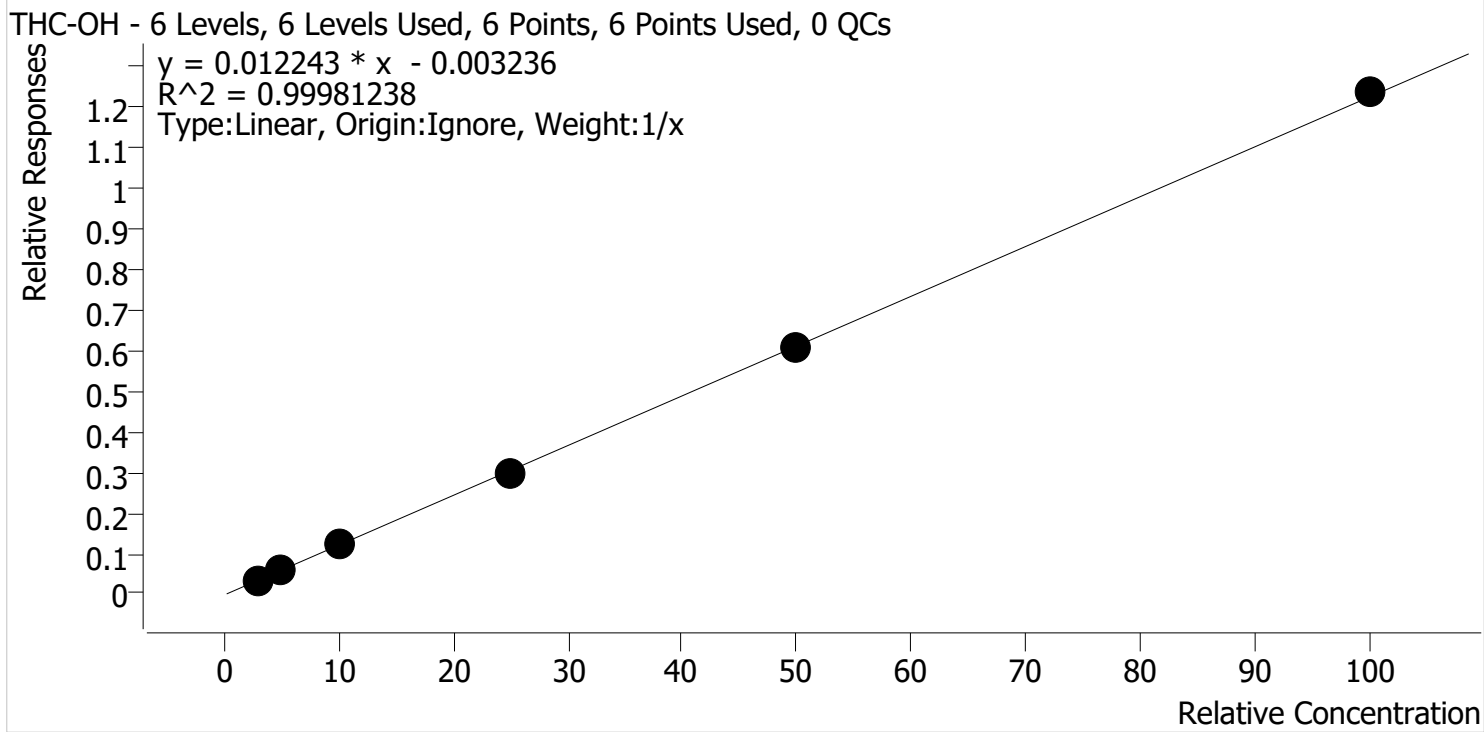
AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin
SAEC\QuantResults\AM 26.batch.bin

Last Cal. Update 2/23/2021 11:55 AM

Analyst Name ISP\datastor

Analyte THC-OH **Internal Standard** THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 2	2	✓	3.0	3.0	99.4
MJ Cal 3	3	✓	5.0	5.1	102.6
MJ Cal 4	4	✓	10.0	10.0	100.2
MJ Cal 5	5	✓	25.0	24.5	98.0
MJ Cal 6	6	✓	50.0	49.5	99.0
MJ Cal 7	7	✓	100.0	100.9	100.9

SC



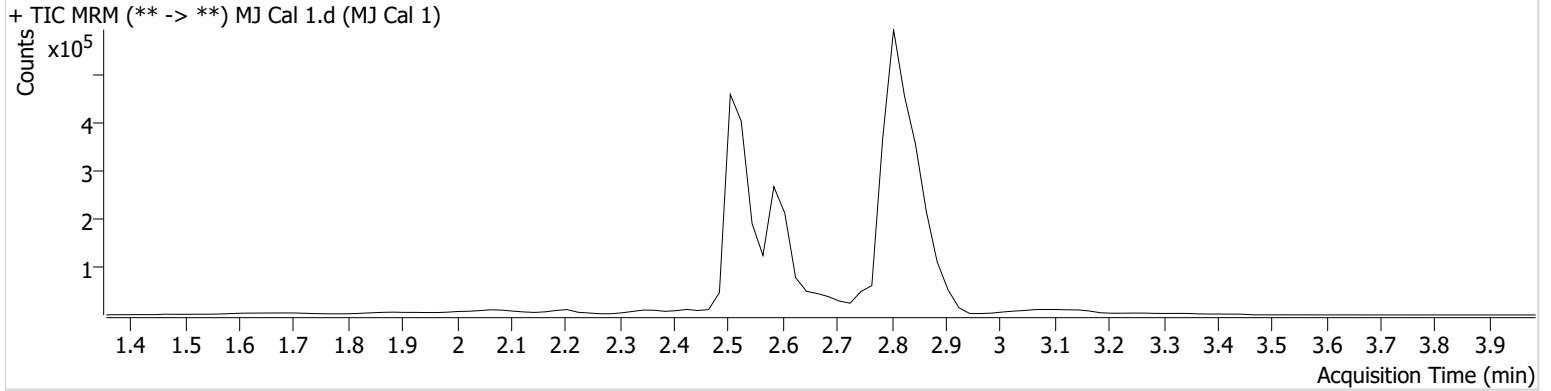
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 26.batch.bin

Calibration Last Update 2/23/2021 11:55:41 AM

Instrument	Instrument 1	Data File	MJ Cal 1.d
Type	Cal	Sample	MJ Cal 1
Acq. Method	AM 26 THCS.m	Operator	Sarah Collins
Sample Position	P1-A1	Comment	
Injection Volume	10		
Acq. Date-Time	2/22/2021 4:04:23 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.859	1827	141889	0.9085 ng/ml	Low
THC-COOH	2.605	68004	534633	5.5144 ng/ml	

8C

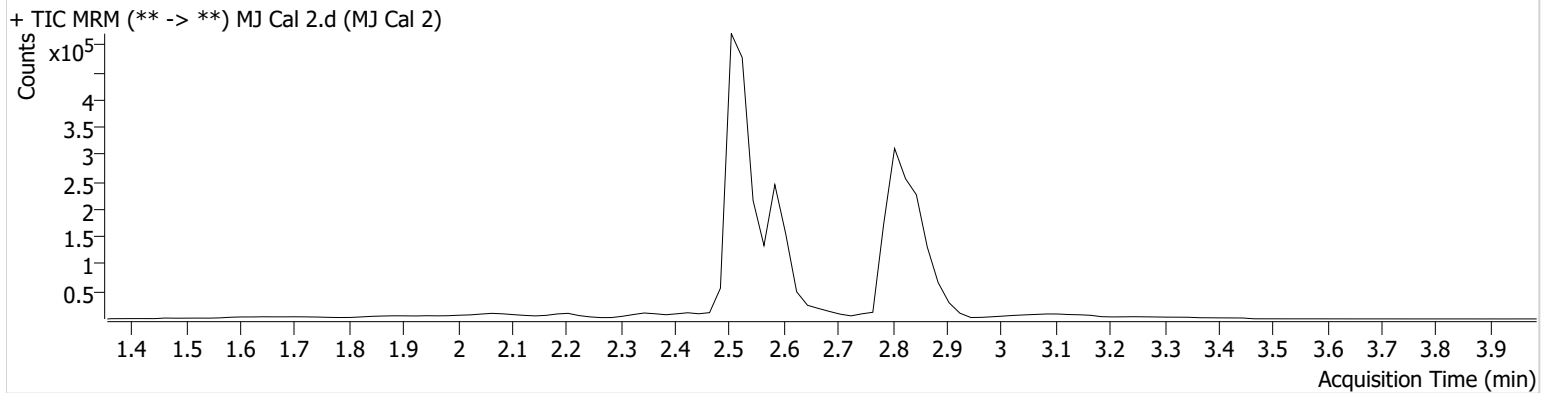


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 26.batch.bin
Calibration Last Update 2/23/2021 11:55:41 AM

Instrument	Instrument 1	Data File	MJ Cal 2.d
Type	Cal	Sample	MJ Cal 2
Acq. Method	AM 26 THCS.m	Operator	Sarah Collins
Sample Position	P1-B1	Comment	
Injection Volume	10		
Acq. Date-Time	2/22/2021 4:11:07 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.859	2569	89780	2.8995 ng/ml	Low
THC-COOH	2.585	88594	432462	9.3148 ng/ml	
THC-OH	2.532	48854	1468640	2.9814 ng/ml	Low

8C



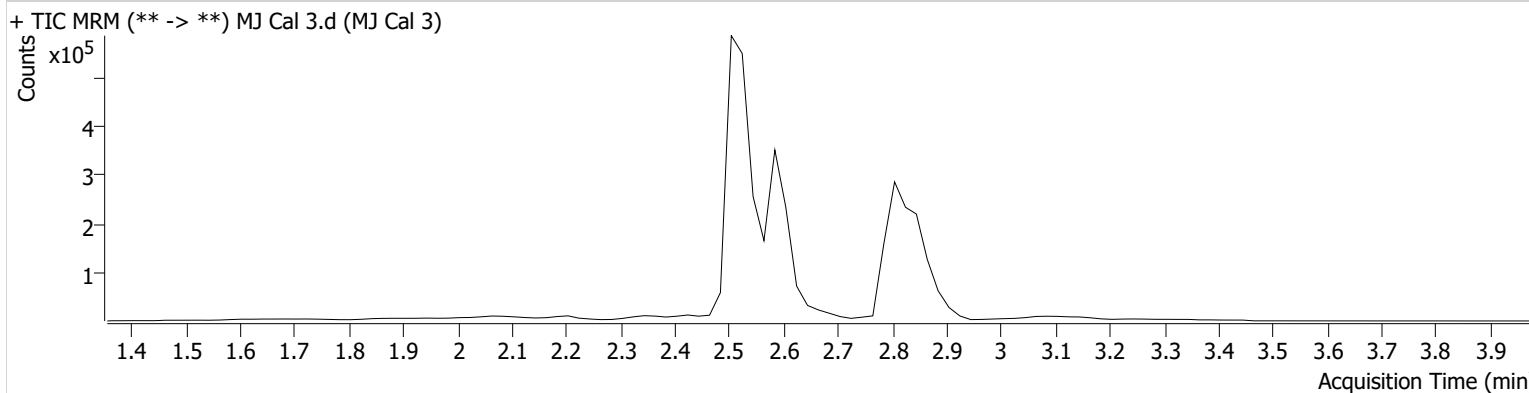
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 26.batch.bin

Calibration Last Update 2/23/2021 11:55:41 AM

Instrument	Instrument 1	Data File	MJ Cal 3.d
Type	Cal	Sample	MJ Cal 3
Acq. Method	AM 26 THCS.m	Operator	Sarah Collins
Sample Position	P1-C1	Comment	
Injection Volume	10		
Acq. Date-Time	2/22/2021 4:17:39 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.859	4375	89782	5.4448 ng/ml
THC-COOH	2.585	207976	508834	19.2913 ng/ml
THC-OH	2.532	98025	1645857	5.1290 ng/ml

SC



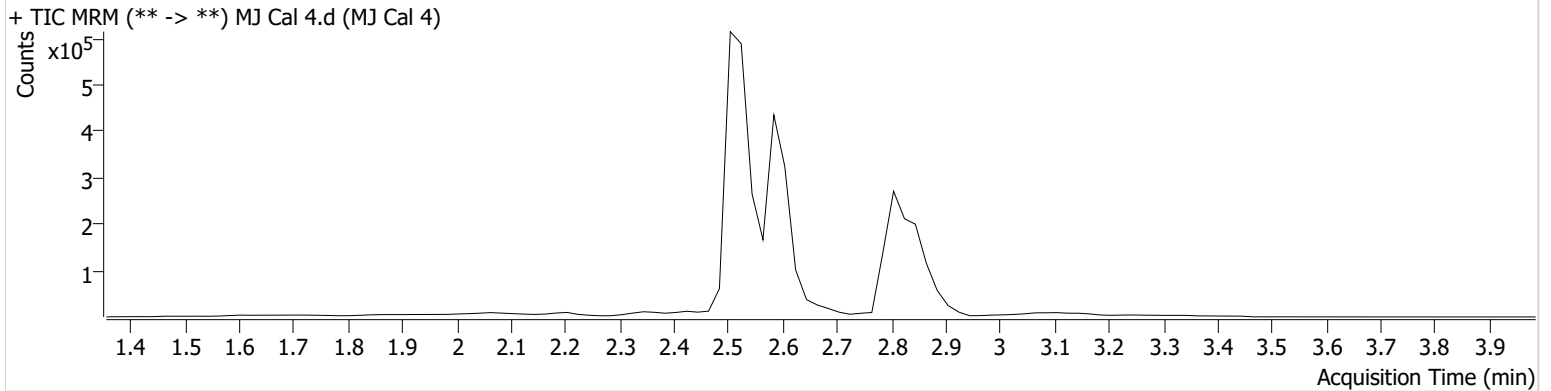
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 26.batch.bin

Calibration Last Update 2/23/2021 11:55:41 AM

Instrument	Instrument 1	Data File	MJ Cal 4.d
Type	Cal	Sample	MJ Cal 4
Acq. Method	AM 26 THCS.m	Operator	Sarah Collins
Sample Position	P1-D1	Comment	
Injection Volume	10		
Acq. Date-Time	2/22/2021 4:24:12 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.879	7718	86281	10.5967 ng/ml
THC-COOH	2.585	427950	417059	49.5030 ng/ml
THC-OH	2.532	194960	1632686	10.0177 ng/ml

8C



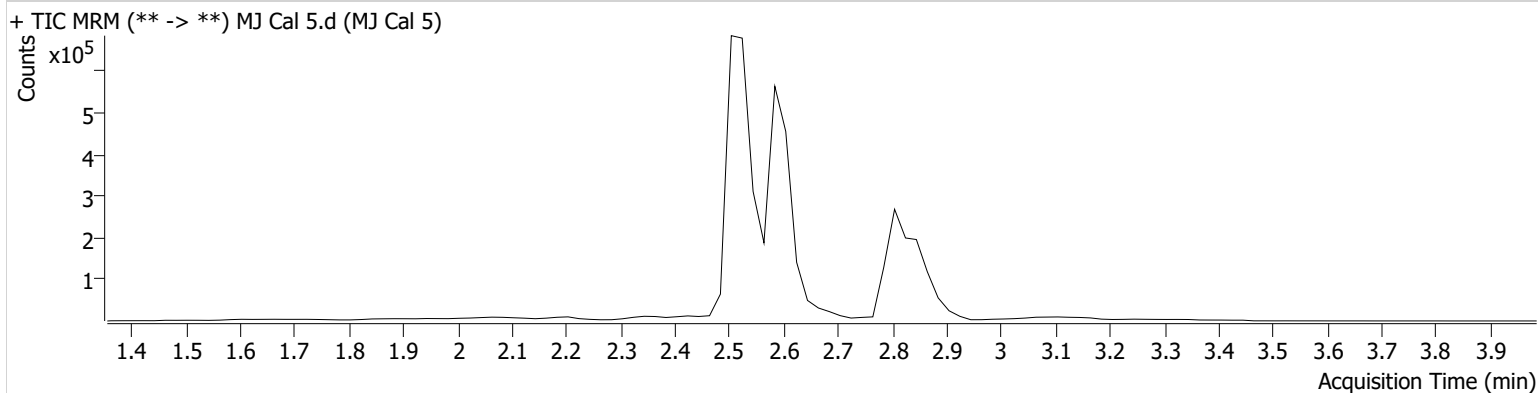
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 26.batch.bin

Calibration Last Update 2/23/2021 11:55:41 AM

Instrument	Instrument 1	Data File	MJ Cal 5.d
Type	Cal	Sample	MJ Cal 5
Acq. Method	AM 26 THCS.m	Operator	Sarah Collins
Sample Position	P1-E1	Comment	
Injection Volume	10		
Acq. Date-Time	2/22/2021 4:30:45 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.879	16039	80098	24.6164 ng/ml
THC-COOH	2.605	650980	421639	74.8423 ng/ml
THC-OH	2.532	475161	1601194	24.5031 ng/ml

SC



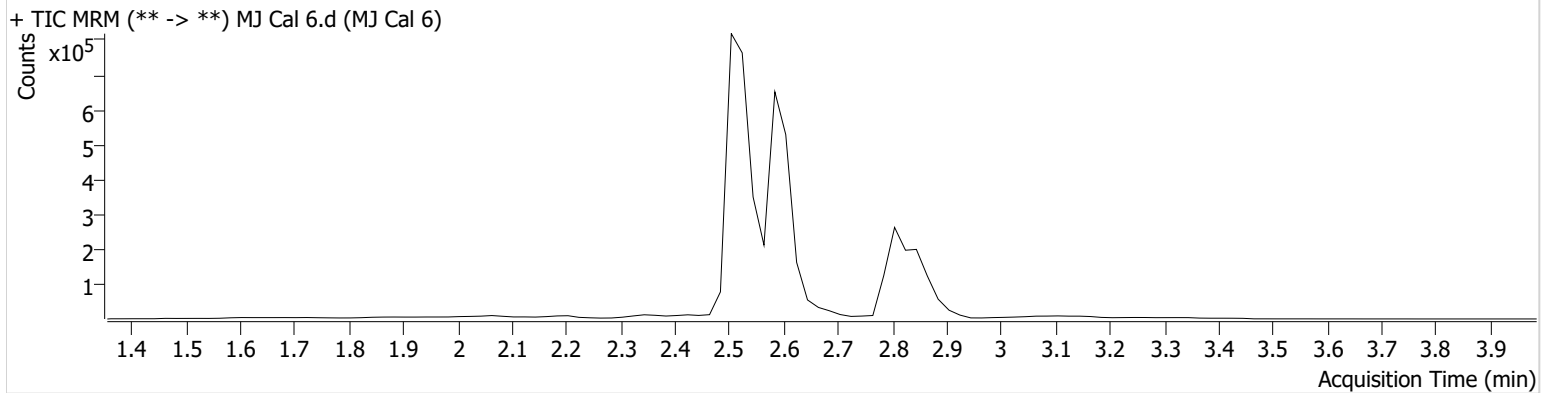
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 26.batch.bin

Calibration Last Update 2/23/2021 11:55:41 AM

Instrument	Instrument 1	Data File	MJ Cal 6.d
Type	Cal	Sample	MJ Cal 6
Acq. Method	AM 26 THCS.m	Operator	Sarah Collins
Sample Position	P1-F1	Comment	
Injection Volume	10		
Acq. Date-Time	2/22/2021 4:37:19 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.879	31488	79117	49.6372 ng/ml
THC-COOH	2.605	812228	390162	101.1618 ng/ml
THC-OH	2.532	891093	1478842	49.4812 ng/ml

SC

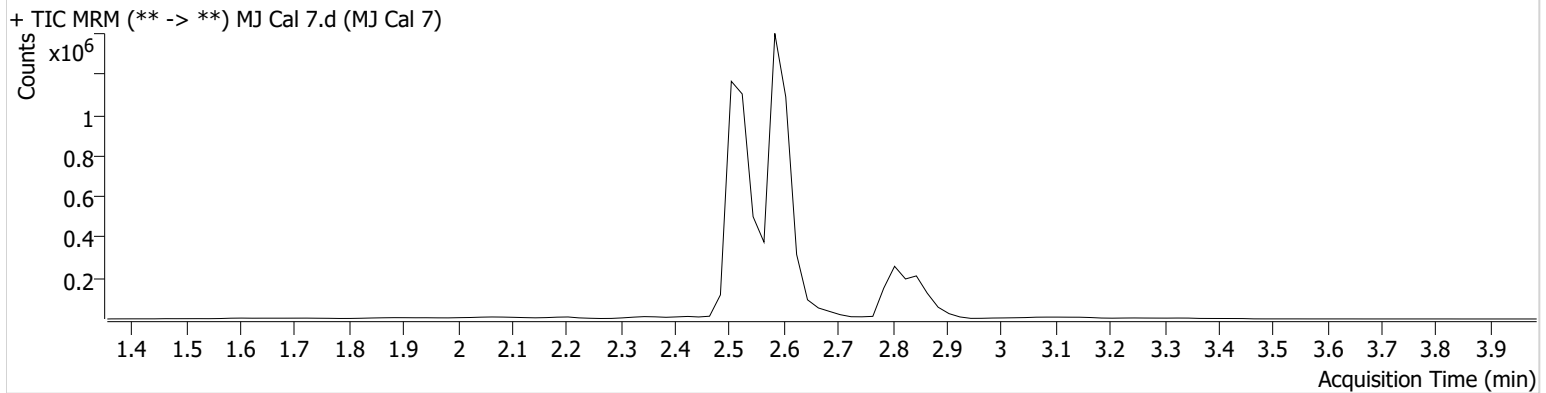


AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\022221 MDS THCS MDS Coroner Validatoin SAEC\QuantResults\AM 26.batch.bin
Calibration Last Update 2/23/2021 11:55:41 AM

Instrument	Instrument 1	Data File	MJ Cal 7.d
Type	Cal	Sample	MJ Cal 7
Acq. Method	AM 26 THCS.m	Operator	Sarah Collins
Sample Position	P1-G1	Comment	
Injection Volume	10		
Acq. Date-Time	2/22/2021 4:43:52 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.859	61516	77359	99.8969 ng/ml
THC-COOH	2.585	2013149	392357	250.3723 ng/ml
THC-OH	2.532	1862008	1511459	100.8875 ng/ml