7/27/2021

REVIEWED
By Britany Wylie at 12:19 pm, Jul 29, 2021

Worklist: 5128

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2021-1520	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1552	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1571	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1583	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1584	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1585	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1619	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1620	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1622	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1651	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1661	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1662	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1663	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1671	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1700	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2021-1701	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: 7/26/21 Analyst: Anne Nord
Plate lot#: 210611 Plate retest date: 12/11/21

Mobile phase A: 10mM Amm Form 0.5M Ammonium Hydroxide **Mobile phase B:** 0.1% Formic Acid in MeOH Ethyl Acetate LC Methanol
Blank Blood Lot: 21D52496 **Blank Urine lot:** **Column**: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)
LCMS-QQQ ID: 69679

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 pipette: 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer mix for at least five minutes ambient temperature.
Pipette **250 µL blood (calibrated pipette)** or 250 ul urine in wells of analytical (standards) plate. **Pipette ID: 1926134**
☒ 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 or urine+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: 66792*
☒ 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: 66819
☒ 16. Reconstitute in **100 µL 20% LC MeOH** in LC 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? (If no is it described in comments?)
☒ 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

	1	2	3	4	5	6	7	8	9	10	11	12
A	cal 1	1585-1	1671-1									
B		1619-1	1700-3									
C	negative blood	1620-1	1701-1									
D	1520-1	1622-1	1584-1									
E	1552-1	1651-1										
F	1571-1	1661-1										
G	1583-1	1662-1										
H	well clogged	1663-1										

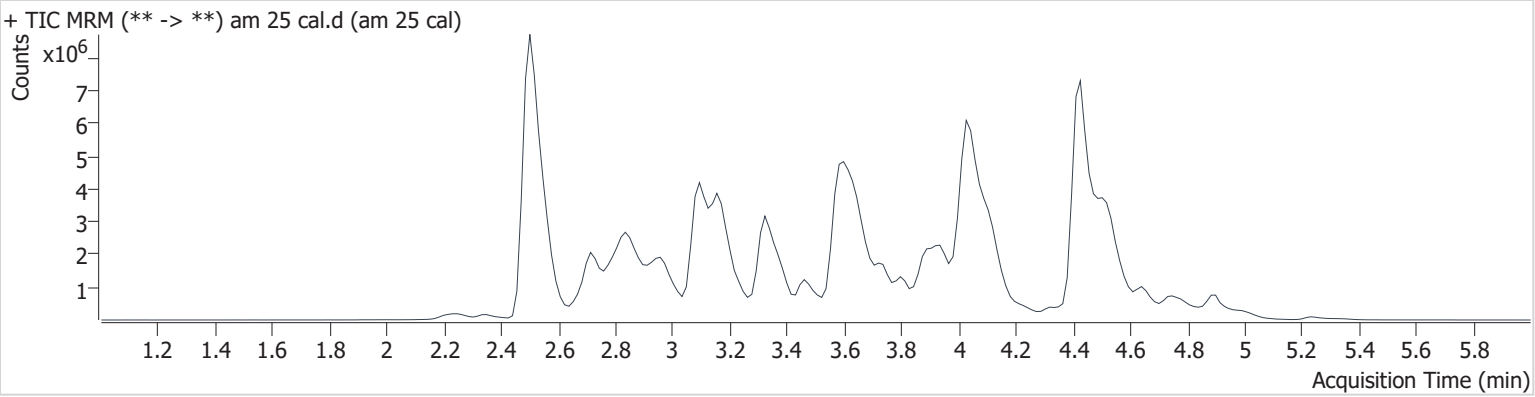
lab number format
C2021-____-_

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\mds.batch.bin
Calibration Last Update 7/27/2021 11:03:16 AM

Instrument	69679	**Data File**	am 25 cal.d
Type	Cal	**Sample**	am 25 cal
Acq. Method	mds713.m	**Operator**	Anne Nord
Sample Position	P2-A1	**Comment**	
Injection Volume	2.5		
Acq. Date-Time	7/26/2021 2:50:58 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	3.001	17801	6925.5	5490.6	572667	10.000
7-aminoclonazepam	3.373	156851	744.0	87.8	1074188	10.000
7-aminoflunitrazepam	3.602	1059607	218717.6	233.8	1074188	10.000
Acetyl Fentanyl	4.199	52105	23.8	11195.2	7933400	10.000
Acetyl Norfentanyl	2.706	103860	230.2	142.5	7933400	10.000
a-hydroxyalprazolam	4.414	25041	19.5	2236.0	1074188	10.000
alpha-hydroxymidazolam	4.504	257893	136.9	64.3	1074188	10.000
alpha-PHP	3.946	1385333	3026.9	503.1	1578971	10.000
alpha-PVP	3.641	2333009	517.2	810.5	1578971	10.000
Alprazolam	4.509	833624	420.8	180.5	1477525	10.000
Amitriptyline	4.573	62181	18.5	28.5	371754	10.000
Amphetamine	2.726	635191	156.5	239.0	1578971	10.000
Benzoylecgonine	3.174	81545	47005.0	50.3	144862	10.000
Brompheniramine	4.077	16533	∞	1838.6	15594452	10.000
Buprenorphine	5.245	84503	15.5	4599.8	413083	10.000
Bupropion	3.946	1521043	557185.6	1243.9	5835715	10.000
Carbamazepine	4.101	1615133	244.3	102266.8	24524	10.000
Carisoprodol	4.083	171345	306.5	35.9	1025513	10.000
Chlordiazepoxide	4.647	120053	73609.6	66.5	1477525	10.000
Chlorpheniramine	3.958	1309396	1734.3	1828.4	15594452	10.000
Citalopram	4.060	586756	114.9	421619.7	15594452	10.000
Clomimpramine	4.827	60674	29.9	21.2	5724615	10.000
Clonazepam	4.339	55835	70.0	3131.0	1477525	10.000
Clonazolam	4.242	140717	24201.6	62330.2	1477525	10.000
Cocaethylene	3.800	2337556	640149.4	256798.2	15594452	10.000
Cocaine	3.601	3191468	1241.4	775.6	16087093	10.000
Codeine	2.928	157771	3339.8	1538.6	106297	10.000
Cyclobenzaprine	4.451	149184	32028.7	11.7	371754	10.000
Desipramine	4.391	186778	∞	30.3	371754	10.000
Dextromethorphan	4.128	328928	65286.4	38210.5	1942214	10.000
Dextrorphan	3.300	1173043	719798.1	118.4	1942214	10.000
Diazepam	4.770	199693	92.3	95.8	1477525	10.000
Dihydrocodeine	2.683	507702	478.4	1326.0	1571691	10.000
Diphenhydramine	4.053	1955626	824.6	194438.4	15594452	10.000

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Doxepin	4.251	175471	164.6	23.2	2592626	10.000
Doxylamine	3.620	4344806	1135084.0	8850.2	1942214	10.000
EDDP	4.019	710986	4073.6	198721.7	1571691	10.000
Estazolam	4.419	600321	160.5	130.0	1477525	10.000
Etizolam	4.519	60773	13690.2	89810.0	1477525	10.000
Fentanyl	4.443	17772	5.4	7062.0	1521323	10.000
Flualprazolam	4.367	392376	108196.8	107100.9	1477525	10.000
Flunitrazepam	4.462	259403	90.0	367.8	1477525	10.000
Fluoxetine	4.309	46180	22846.9	703.1	75995	10.000
Flurazepam	4.471	669181	210149.2	50031.4	1477525	10.000
Hydrocodone	3.173	395720	160.1	128.5	2769813	10.000
Hydromorphone	2.490	327113	309.2	301.7	106297	10.000
Imipramine	4.512	350086	132.1	107.1	371754	10.000
Ketamine	3.916	1895312	3227.8	109.1	3827964	10.000
Lamotrigine	3.484	97384	150.7	343.5	15594452	10.000
Levamisole	3.104	1528460	5953.0	244.6	1942214	10.000
Levetireacetam	2.359	233521	127.3	266.4	5724615	10.000
Lorazepam	4.322	8306	9.3	4.7 **Low**	1477525	10.000
Maprotiline	4.574	45715	29.8	67.6	371754	10.000
MDA	2.845	466200	299.3	71.2	5622236	10.000
MDEA	3.104	1819680	10639.6	1975.8	5622236	10.000
MDMA	2.952	1847614	4184.9	192.1	5622236	10.000
Meperidine	3.654	1059974	327.9	1477783.9	1942214	10.000
Meprobamate	3.488	40890	8898.6	9.1	1025513	10.000
Methadone	4.401	944020	91.3	205.6	1571691	10.000
Methamphetamine	2.862	3213295	∞	115.1	5622236	10.000
Methocarbamol	3.393	52839	236.8	70.9	1571691	10.000
Methylphenidate	3.471	4254195	3662.7	166.8	3827964	10.000
Metoprolol	3.314	255653	391.4	1300.6	1942214	10.000
Midazolam	4.703	168387	34298.9	529.9	1477525	10.000
Mirtazapine	4.483	759412	82372.3	812.2	1942214	10.000
Mitragynine	4.471	52483	73825.6	16948.1	1942214	10.000
Morphine	2.263	111027	∞	295.5	106297	10.000
Norbuprenorphine	3.857	3501	1389.8	1464.0	106297	10.000
Nordiazepam	4.605	57191	85.5	10484.5	1477525	10.000
Norfentanyl	3.195	1658677	2848.7	131.6	7933400	10.000
Norhydrocodone	2.777	15465	24.0	72.6	2769813	10.000
norketamine	3.932	102374	50.1	2002.6	3827964	10.000
Normeperidine	3.518	351278	110.0	68.5	15594452	10.000
Noroxycodone	2.699	350581	46.8	221.0	5195352	10.000
Nortriptyline	4.437	34270	4741.3	6.9	371754	10.000
O-desmethyl-tramadol	2.720	5024081	644.2	181.4	15594452	10.000
Olanzapine	4.062	168289	29.7	36.0	24524	10.000
Oxazepam	4.404	35938	6.9	6.3	162625	10.000
Oxycodone	2.896	1134171	42.9	1938.7	5195352	10.000
Oxymorphone	2.214	310061	173.2	45.5	106297	10.000
Paroxetine	4.413	12238	5.7	3.8 **Low**	75995	10.000
Phenazepam	4.549	79274	34604.1	267.6	1477525	10.000
Phencyclidine	3.885	1566716	10263.5	965.5	1942214	10.000
Phentermine	3.014	7947	9.8	1252.0	3827964	10.000
Phenytoin	3.991	37751	10.1	15.9	24524	10.000
Promethazine	4.573	402674	83007.9	17.2	15594452	10.000
Pseudoephedrine	2.511	35498840	5685.4	1468.9	5622236	10.000
Quetiapine	4.731	865378	817.6	2848.3	28020648	10.000
Sertraline	4.646	13414	8049.7	12172.4	75995	10.000
Sufentanil	4.898	11840	5550.5	2983.3	7933400	10.000
Tapentadol	3.335	2754398	372.2	67.6	1571691	10.000
Temazepam	4.571	273709	200.1	13.4	1477525	10.000
Tramadol	3.330	5133780	706.7	75.7	15594452	10.000

AM #25 Multi-Drug Screen Results

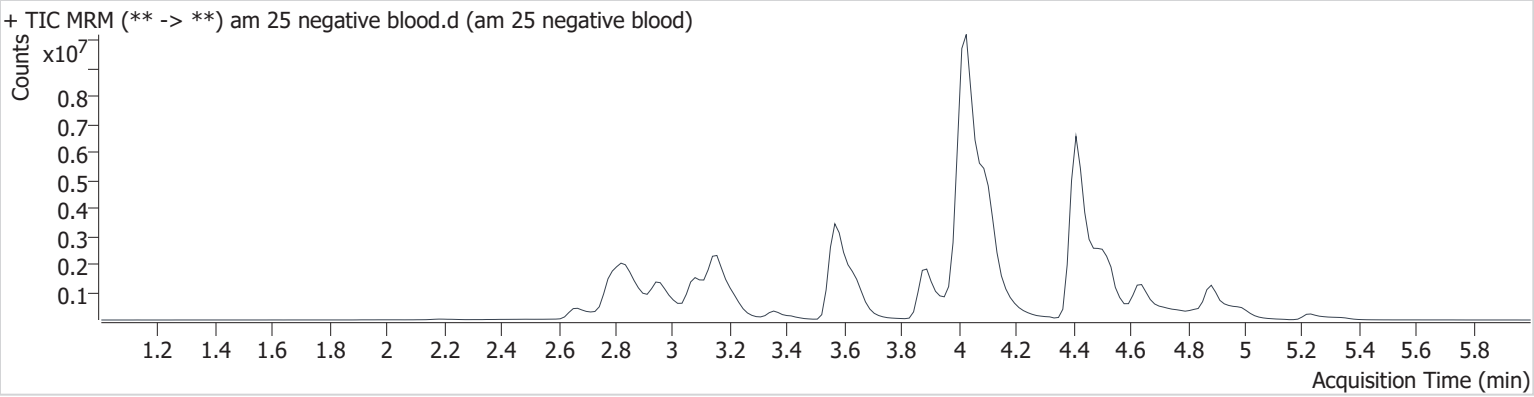
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Trazodone	4.915	567518	6700.1	111065.6	2592626	10.000
Venlafaxine	3.741	3290403	380.5	137.6	75995	10.000
Zaleplon	4.233	299760	80814.9	153.3	28020648	10.000
Zolpidem	4.433	5630657	1076637.9	621.3	28020648	10.000
Zopiclone	4.425	77015	107.2	378.7	424678	10.000

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\mds.batch.bin
Calibration Last Update 7/27/2021 11:03:16 AM

Instrument	69679	**Data File**	am 25 negative blood.d
Type	Sample	**Sample**	am 25 negative blood
Acq. Method	mds713.m	**Operator**	Anne Nord
Sample Position	P2-C1	**Comment**	
Injection Volume	2.5		
Acq. Date-Time	7/26/2021 2:57:41 PM		
Sample Info.			

Sample Chromatogram



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

Extraction Date: 7/26/21 Analyst: Anne Nord

Plate lot#: 210412 Plate Expiration: 10/12/21

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: 21D52496 **Urine Blank:** 5621
Column: Phenomenex Phenyl Hexyl (4.6x50mm: 2.6 um)
LCMS-QQQ ID: 69679

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 1.5 ml urine to blank plate, add 250 ul 1N KOH mix and incubate at 40 degrees for 15 minutes.
Pipette **1000 µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: K52558g**
Pipette 1000 ul urine to analytical (standards) plate.
☒ 3. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
☒ 4. Pipette **500 µL 0.1% formic acid in blood** wells **500 ul saturated phosphate buffer in urine** wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900 rpm for 15 minutes.
☒ 6. Transfer 8**00 µL of blood acid or urine acid** 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: 66792
☒ 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: 66819
☒ 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.
☒ 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? Yes
☒ 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

	1	2	3	4	5	6
a	cal 1	neg blood	1620-1	1701-1		QC 1
b	cal 2	1520-1	1622-1	1671-1		cal 100 ng
c	cal 3	1552-1	Well clogged not used	1651-1		cal 50 ng
d	cal 4	1571-1	1661-1	1439-1		cal 25 ng
e	Cal 5	1583-1	1662-1			cal 10ng
f	cal 6	1584-1	1663-1			cal 5 ng
g	cal 7	1585-1	Well clogged not used			cal 3 ng
h	Internal control	1619-1	1700-3			cal 1ng

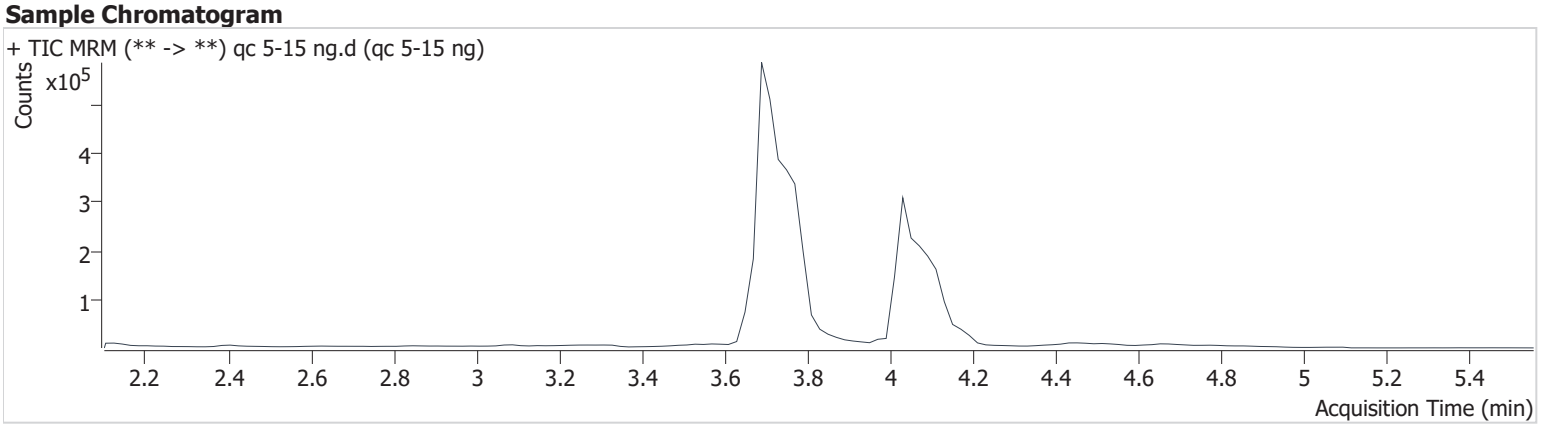
C2021-____-_

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Calibration Last Update 7/27/2021 10:28:55 AM

Instrument	69679	**Data File**	qc 5-15 ng.d
Type	QC	**Sample**	qc 5-15 ng
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-H1	**Comment**	
Injection Volume	5		
Acq. Date-Time	7/26/2021 6:09:38 PM		
Sample Info.			

Sample Chromatogram



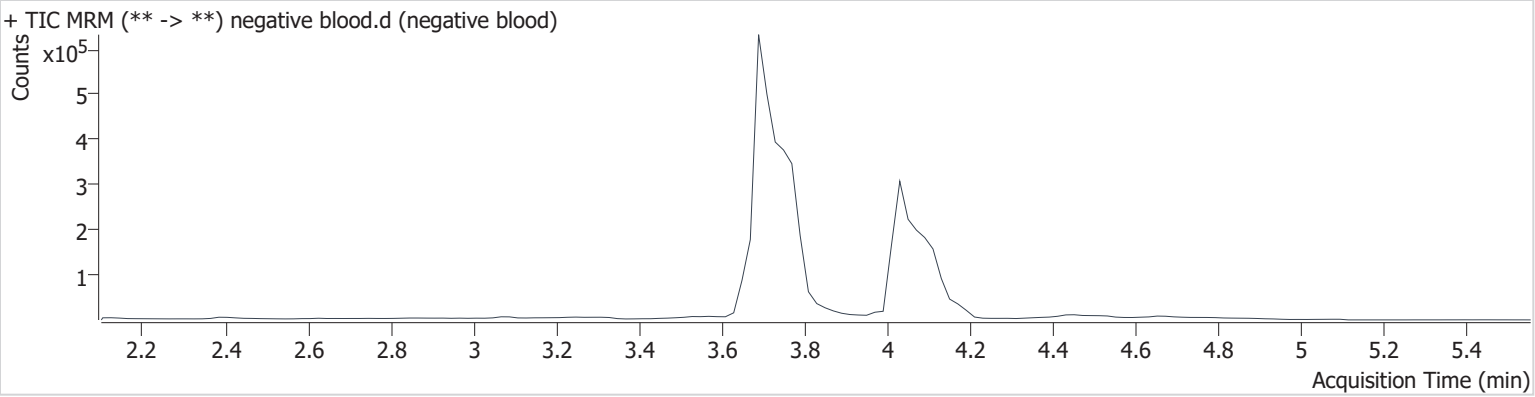
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	5849	143093	4.532 ng/ml
THC-COOH	3.672	98137	420684	17.403 ng/ml
THC-OH	3.699	20122	2459625	4.559 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Calibration Last Update 7/27/2021 10:28:55 AM

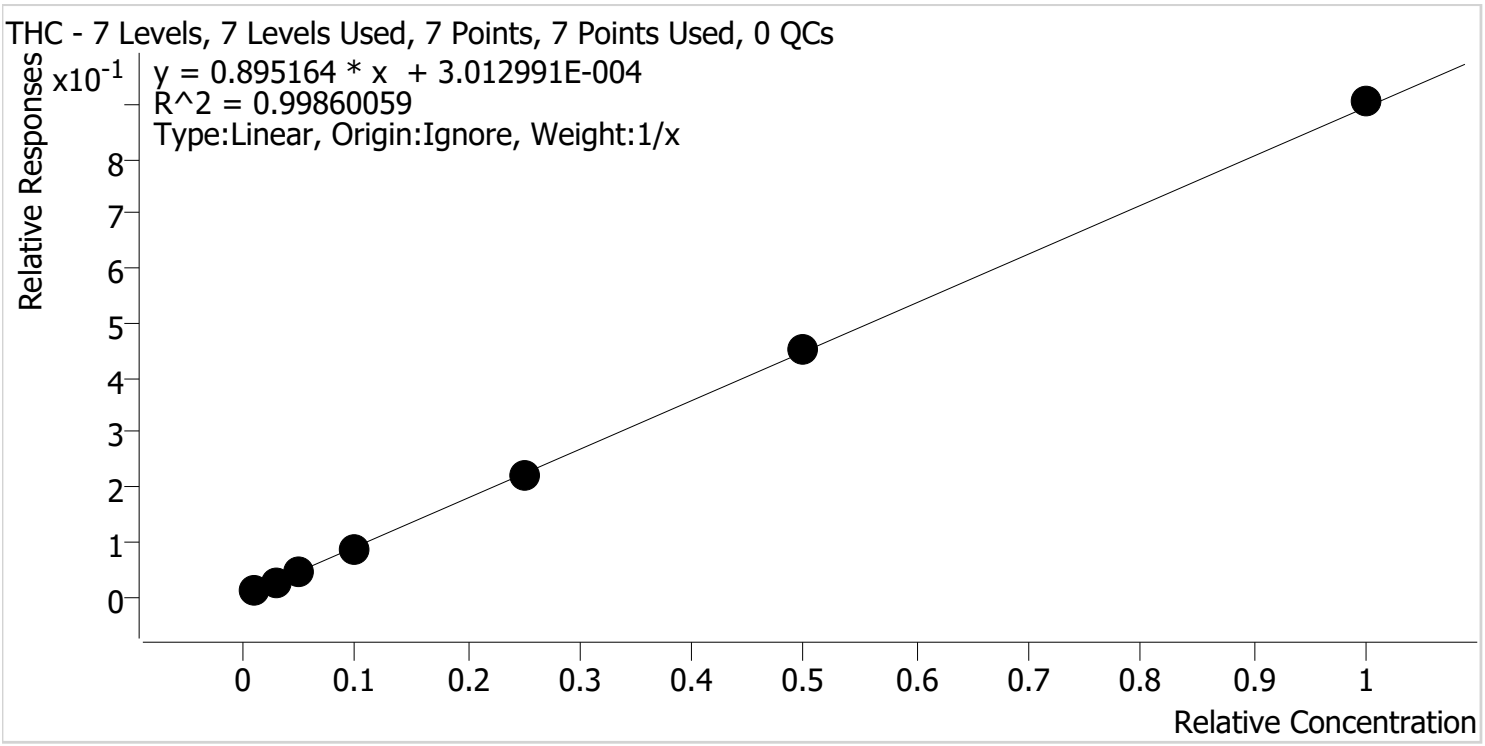
Instrument	69679	**Data File**	negative blood.d
Type	Sample	**Sample**	negative blood
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-A2	**Comment**	
Injection Volume	5		
Acq. Date-Time	7/26/2021 6:16:13 PM		
Sample Info.			

Sample Chromatogram



Compound Calibration Report

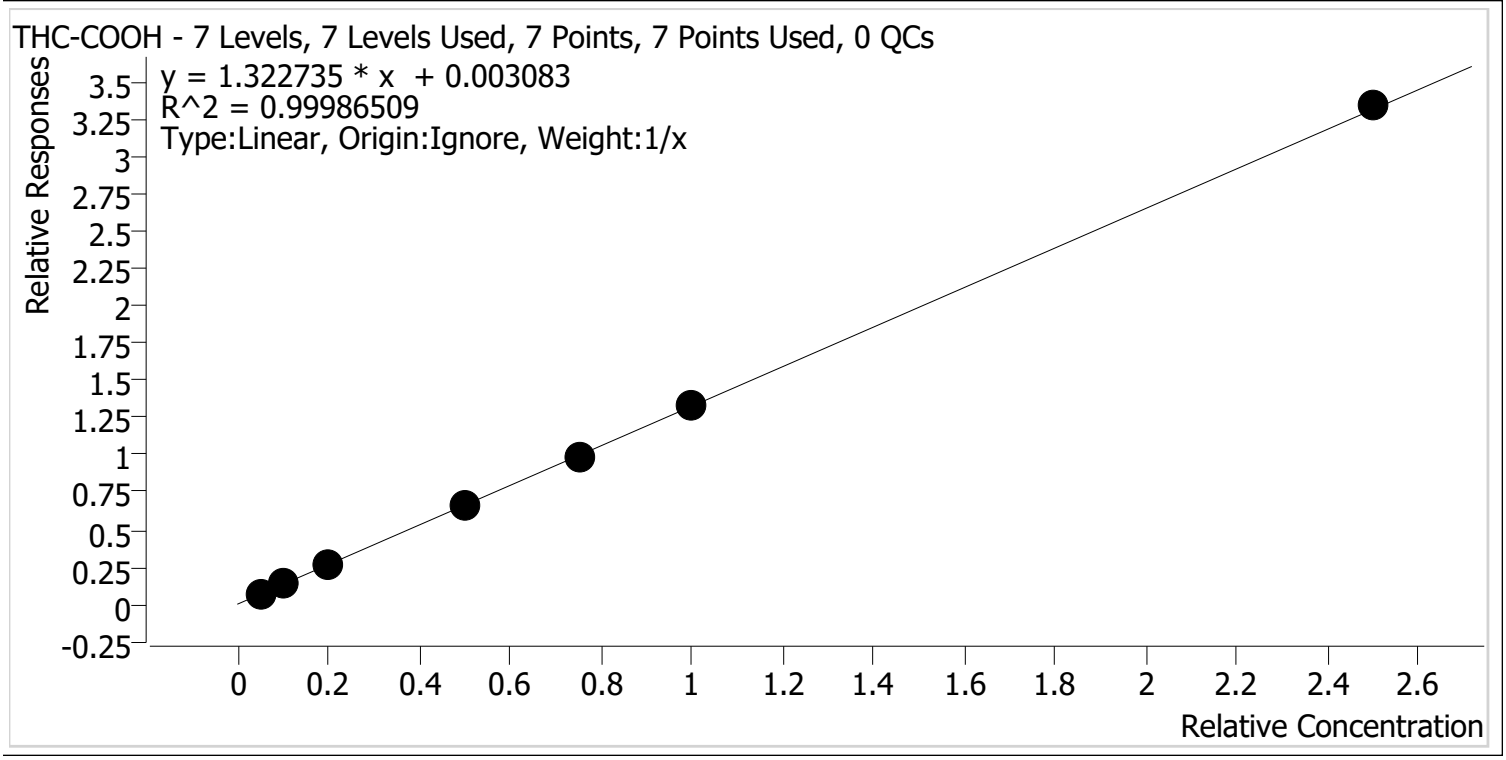
Batch results	D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Last Cal. Update	7/27/2021 10:28 AM
Analyst Name	ISP\datastor
Analyte	THC
Internal Standard	THC-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✔	1.0	1.3	127.0
cal 2	2	✔	3.0	2.5	83.9
cal 3	3	✔	5.0	4.8	95.9
cal 4	4	✔	10.0	9.3	92.7
cal 5	5	✔	25.0	24.7	98.8
cal-6	6	✔	50.0	50.3	100.6
cal-7	7	✔	100.0	101.2	101.2

Compound Calibration Report

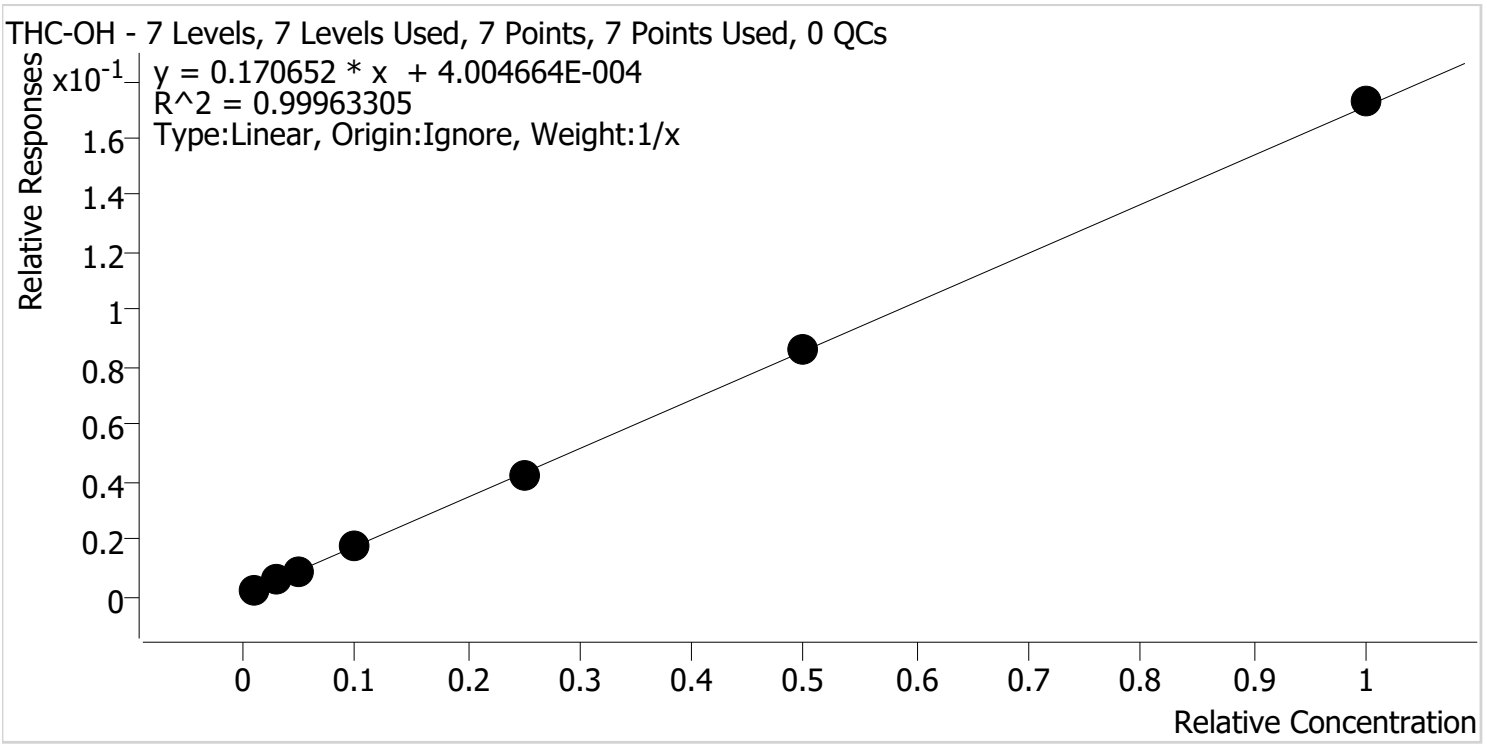
Batch results	D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Last Cal. Update	7/27/2021 10:28 AM
Analyst Name	ISP\datastor
Analyte	THC-COOH
Internal Standard	THC-COOH-d9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✔	5.0	5.1	102.1
cal 2	2	✔	10.0	10.2	102.3
cal 3	3	✔	20.0	19.5	97.3
cal 4	4	✔	50.0	49.5	99.1
cal 5	5	✔	75.0	74.2	98.9
cal-6	6	✔	100.0	99.6	99.6
cal-7	7	✔	250.0	251.9	100.8

Compound Calibration Report

Batch results	D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Last Cal. Update	7/27/2021 10:28 AM
Analyst Name	ISP\datastor
Analyte	THC-OH
Internal Standard	THC-OH-d3



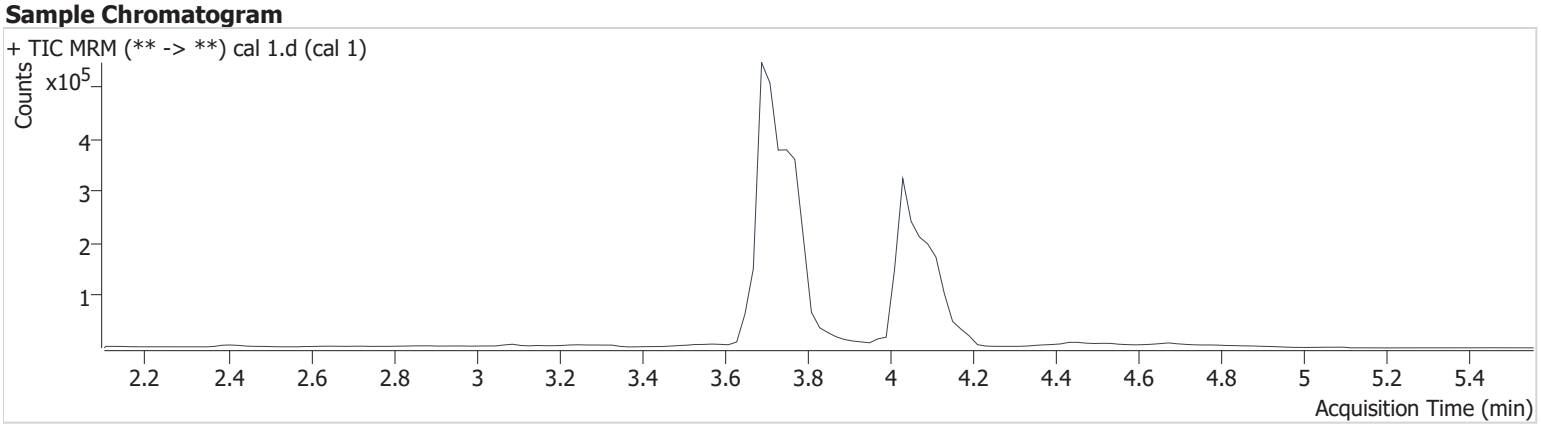
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✔	1.0	1.1	112.4
cal 2	2	✔	3.0	2.9	96.8
cal 3	3	✔	5.0	4.7	93.6
cal 4	4	✔	10.0	9.8	98.2
cal 5	5	✔	25.0	24.5	98.1
cal-6	6	✔	50.0	50.0	99.9
cal-7	7	✔	100.0	101.0	101.0

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Calibration Last Update 7/27/2021 10:28:55 AM

Instrument	69679	**Data File**	cal 1.d
Type	Cal	**Sample**	cal 1
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-A1	**Comment**	
Injection Volume	5		
Acq. Date-Time	7/26/2021 5:23:26 PM		
Sample Info.			

Sample Chromatogram



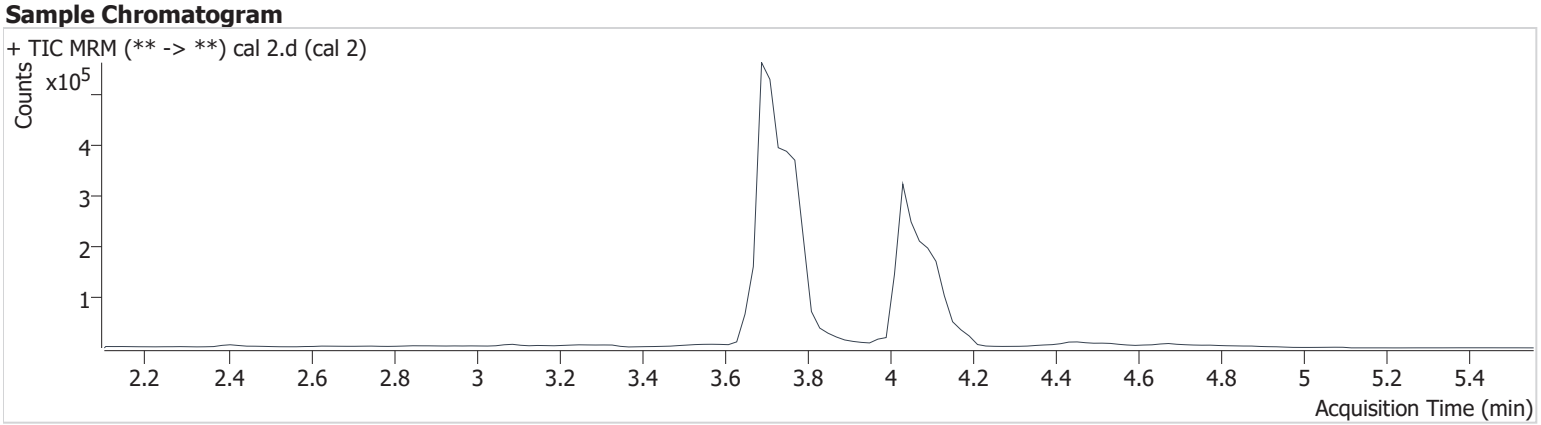
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	1730	148267	1.270 ng/ml **Low**
THC-COOH	3.672	30519	432110	5.106 ng/ml **Low**
THC-OH	3.719	6274	2706559	1.124 ng/ml **Low**

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Calibration Last Update 7/27/2021 10:28:55 AM

Instrument	69679	**Data File**	cal 2.d
Type	Cal	**Sample**	cal 2
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-B1	**Comment**	
Injection Volume	5		
Acq. Date-Time	7/26/2021 5:30:04 PM		
Sample Info.			

Sample Chromatogram



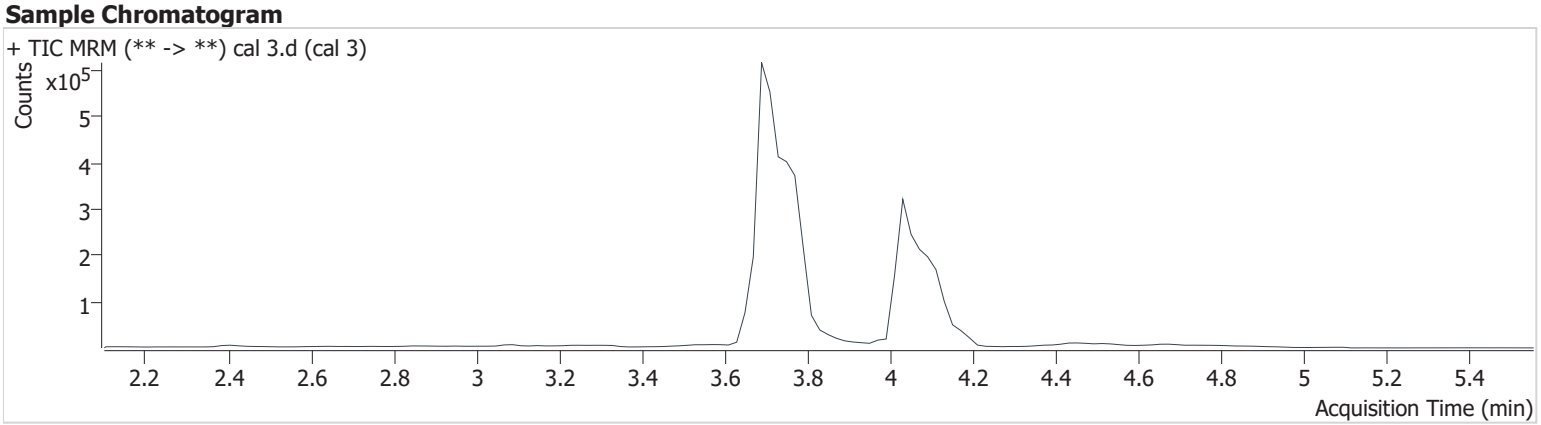
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	3256	142602	2.517 ng/ml **Low**
THC-COOH	3.672	58747	424512	10.229 ng/ml
THC-OH	3.719	14275	2664133	2.905 ng/ml **Low**

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Calibration Last Update 7/27/2021 10:28:55 AM

Instrument	69679	**Data File**	cal 3.d
Type	Cal	**Sample**	cal 3
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-C1	**Comment**	
Injection Volume	5		
Acq. Date-Time	7/26/2021 5:36:40 PM		
Sample Info.			

Sample Chromatogram



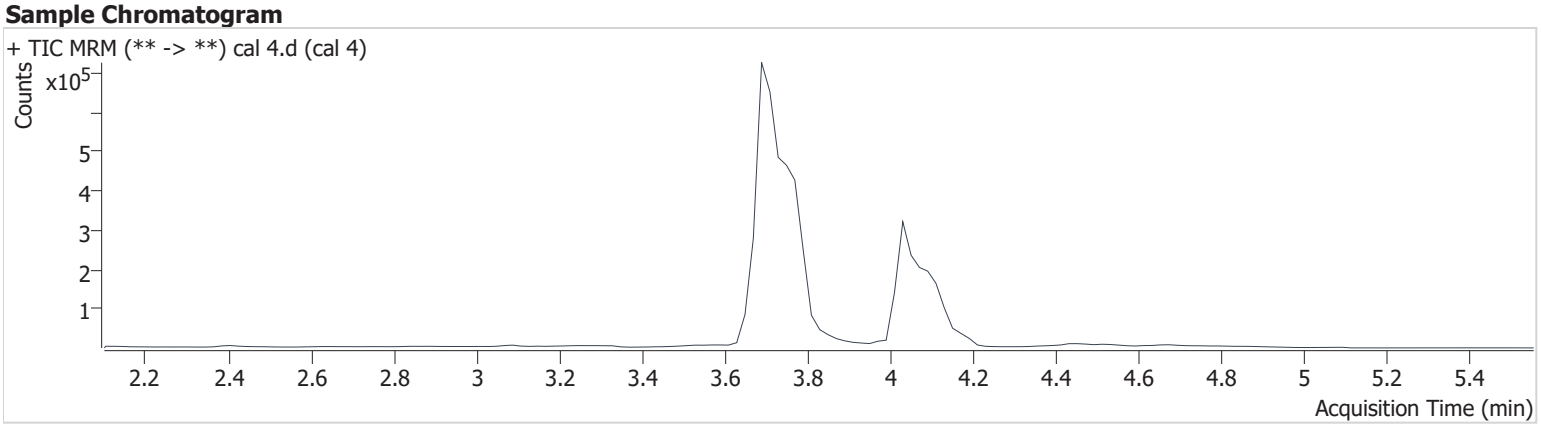
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	5973	138153	4.796 ng/ml
THC-COOH	3.672	111763	429218	19.452 ng/ml
THC-OH	3.699	22079	2633605	4.678 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Calibration Last Update 7/27/2021 10:28:55 AM

Instrument	69679	**Data File**	cal 4.d
Type	Cal	**Sample**	cal 4
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-D1	**Comment**	
Injection Volume	5		
Acq. Date-Time	7/26/2021 5:43:17 PM		
Sample Info.			

Sample Chromatogram



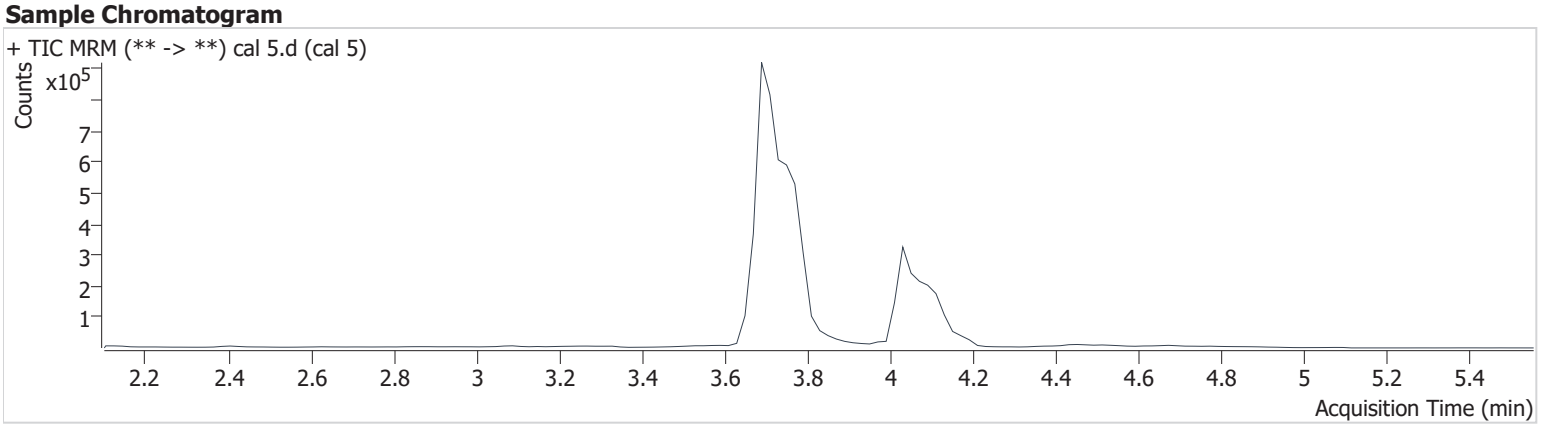
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	11758	141245	9.266 ng/ml
THC-COOH	3.672	280620	426352	49.527 ng/ml
THC-OH	3.699	45652	2660098	9.822 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Calibration Last Update 7/27/2021 10:28:55 AM

Instrument	69679	**Data File**	cal 5.d
Type	Cal	**Sample**	cal 5
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-E1	**Comment**	
Injection Volume	5		
Acq. Date-Time	7/26/2021 5:49:52 PM		
Sample Info.			

Sample Chromatogram



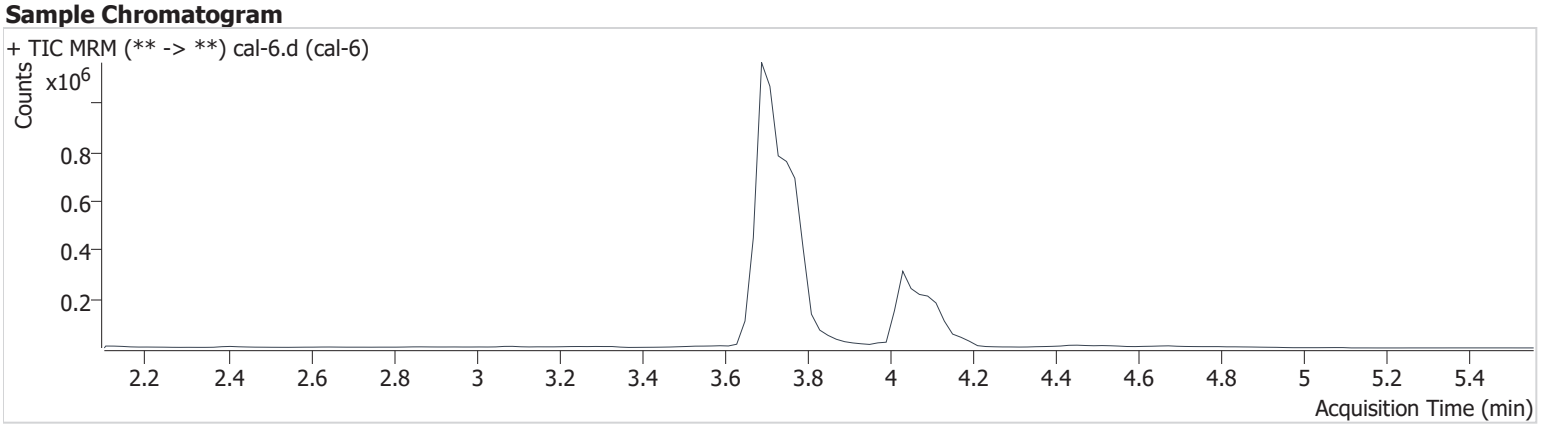
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	31017	140091	24.699 ng/ml
THC-COOH	3.672	427204	433892	74.203 ng/ml
THC-OH	3.699	114755	2715490	24.529 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Calibration Last Update 7/27/2021 10:28:55 AM

Instrument	69679	**Data File**	cal-6.d
Type	Cal	**Sample**	cal-6
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-F1	**Comment**	
Injection Volume	5		
Acq. Date-Time	7/26/2021 5:56:27 PM		
Sample Info.			

Sample Chromatogram



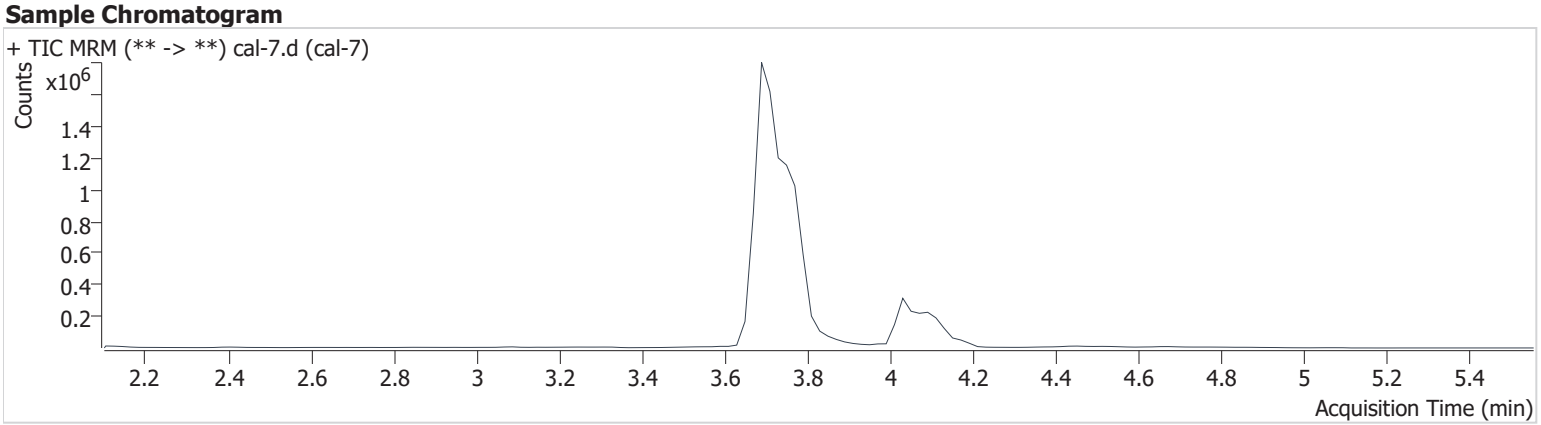
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	62782	139348	50.297 ng/ml
THC-COOH	3.672	577983	437863	99.561 ng/ml
THC-OH	3.699	235660	2750920	49.964 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\am 25-26\072621\QuantResults\cann.batch.bin
Calibration Last Update 7/27/2021 10:28:55 AM

Instrument	69679	**Data File**	cal-7.d
Type	Cal	**Sample**	cal-7
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-G1	**Comment**	
Injection Volume	5		
Acq. Date-Time	7/26/2021 6:03:02 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.104	126066	139176	101.155 ng/ml
THC-COOH	3.672	1363043	408666	251.922 ng/ml
THC-OH	3.699	450502	2608249	100.978 ng/ml