11/2/2020

Worklist: 4581

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2020-1979	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2020-1992	1	AVK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2020-2018	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2020-2069	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2020-2088	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2020-2089	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2020-2094	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2020-2095	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
~~C2020-2120~~	~~1~~	~~BCK~~	~~AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ~~
Not part of this batch			11/2/20
~~C2020-2140~~	~~1~~	~~BCK~~	~~AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ~~
C2020-2145	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-2822	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-2927	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-2928	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-2929	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-2930	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-2931	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-2931	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-3017	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-3074	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2020-3074	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

Worklist: 4581

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2020-3075	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: 10/30/20 Analyst: Anne Nord
Plate lot#: 200511 Plate Expiration: 11/11/2020

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: 20G20792 **Blank Urine lot:** 73020 **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. **Urine samples add 50 ul 1% HCl in MeOH** 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: *Started run acquisition windows shifted for some compounds, adjusted acquisition window. Once the compounds were falling in the acquisition window, the samples were reinjected and evaluated.*

Olanzapine not evaluated..

Toxicology AM method 25/28 urine external control prep

working solution 10000 ng/ml in meoh methamphetamine, temazepam, midazolam

Stock solution 1mg/ml 50 ul each in 4850 ul MeOH (fisher 195629)

ppd 8/6/20: Exp: 4/1/2021 lot 4121 by baw

Drug	lot	expiration
Methamphetamine	FE08101708	10/1/2022
midazolam	FE01221602	4/1/2021
temazepam	FE04261601	5/1/2021

AM 25/28 control 500 ul working solution (4121) in 4500 ul negative urine (1000ng/mL Expected concentration)

ppd 8/6/20, exp 4/1/2021 lot u4121 negative urine 73020 by AMN

AM 25/28 Blood Control: 50ul working solution (4121) in 4950 ul neg blood (100ng/mL Expected concentration)

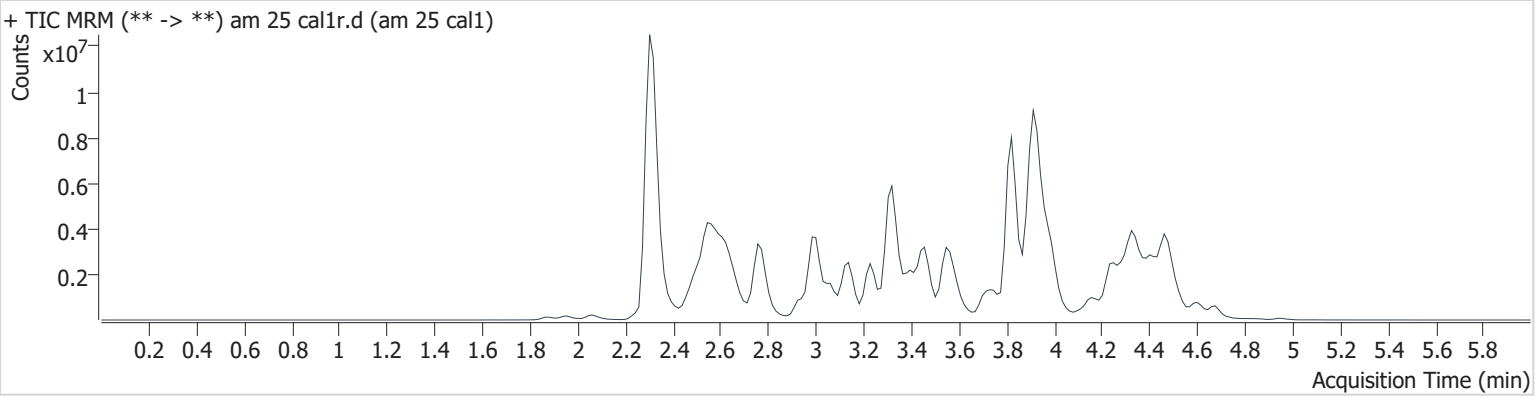
ppp 8/6/20, exp 4/1/21 lot b4121 neg blood 20G20792 by AMN

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\md.batch.bin
Calibration Last Update 11/2/2020 10:49:58 AM

Instrument	69679	**Data File**	am 25 cal1r.d
Type	Cal	**Sample**	am 25 cal1
Acq. Method	mds 826.m	**Operator**	Anne Nord
Sample Position	P2-B1	**Comment**	
Injection Volume	2.5		
Acq. Date-Time	10/30/2020 5:49:54 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	2.558	26810	219.6	17195.1	696396	10.000
7-aminoclonazepam	3.338	474610	1815.4	58.0	1800553	10.000
7-aminoflunitrazepam	3.551	934759	137.4	193.5	1800553	10.000
Acetyl Fentanyl	3.653	111903	40.9	8396.6	10339660	10.000
Acetyl Norfentanyl	2.536	88114	12231.5	157.6	10339660	10.000
a-hydroxyalprazolam	4.312	92276	67.2	264.3	1800553	10.000
alpha-hydroxymidazolam	4.402	2409852	851.9	1191.5	1800553	10.000
alpha-PHP	3.555	1308004	3272.2	1954.2	3169197	10.000
alpha-PVP	3.253	1954338	8987.5	∞	3169197	10.000
Alprazolam	4.436	1146363	752.0	1058.1	5706899	10.000
Amitriptyline	4.333	469908	22.2	632.4	2209945	10.000
Amphetamine	2.511	1613794	555.8	1937.5	3169197	10.000
Benzoylecgonine	3.079	256209	516.7	62.4	104742	10.000
Brompheniramine	3.869	28129	9957.9	36.5	23012318	10.000
Buprenorphine	4.292	149793	292.0	13883.2	662741	10.000
Bupropion	3.465	1981809	3456.4	711.5	6703635	10.000
Carbamazepine	4.000	4179952	10571.1	2806.6	60029	10.000
Carisoprodol	3.983	542873	∞	99.7	3264188	10.000
Chlordiazepoxide	4.530	425780	2323.9	308.5	5706899	10.000
Chlorpheniramine	3.751	2071832	11709.2	9.2	23012318	10.000
Citalopram	3.898	1008217	305.7	136333.6	23012318	10.000
Clomimpramine	4.603	946791	849.6	169.1	2209945	10.000
Clonazepam	4.236	253541	228.5	161.5	5706899	10.000
Clonazolam	4.172	450851	3905.3	81118.5	5706899	10.000
Cocaethylene	3.548	2219655	2176.5	1198.6	14198872	10.000
Cocaine	3.320	2414678	1413.2	332.9	14198872	10.000
Codeine	2.425	221735	2407.6	3665.0	3494601	10.000
Cyclobenzaprine	4.242	745866	423.0	29.0	2209945	10.000
Desipramine	4.274	777072	425.5	245.4	2209945	10.000
Dextromethorphan	3.905	530747	211.7	261.3	2620523	10.000
Dextrorphan	3.127	1059880	1718.1	210.1	2620523	10.000
Diazepam	4.683	798388	701.5	1485.5	5706899	10.000
Dihydrocodeine	2.378	584911	547.5	633.7	3494601	10.000
Diphenhydramine	3.830	3056702	3871.2	1767.2	23012318	10.000

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Doxepin	4.011	490759	179.7	24.7	8544770	10.000
Doxylamine	3.400	4025375	8481.5	285.1	2620523	10.000
EDDP	3.904	2063142	302.8	5501.9	1146676	10.000
Estazolam	4.331	2001965	618.7	574.3	5706899	10.000
Etizolam	4.463	122827	52948.3	352949.1	5706899	10.000
Fentanyl	3.928	67595	26.5	29297.9	3625162	10.000
Flualprazolam	4.296	366116	167030.3	136291.5	5706899	10.000
Flunitrazepam	4.374	1131525	376267.0	343026.9	5706899	10.000
Fluoxetine	4.191	716893	519.8	257.5	2571184	10.000
Flurazepam	3.987	1076230	347237.2	1670.4	5706899	10.000
Hydrocodone	2.652	580671	439.7	165.5	3494601	10.000
Hydromorphone	2.066	410995	233.6	367.7	102778	10.000
Imipramine	4.287	1331437	939.0	439.7	2209945	10.000
Ketamine	3.068	1747452	1511.1	168.9	5371166	10.000
Lamotrigine	3.280	135374	625.8	∞	23012318	10.000
Levamisole	2.597	1006340	353.0	950.5	14198872	10.000
Levetireacetam	2.250	343187	1275.2	590.5	3264188	10.000
Lorazepam	4.220	37620	316.6	47.0	5706899	10.000
Maprotiline	4.334	325513	28.2	158.8	2209945	10.000
MDA	2.673	1291115	4774.3	1593.5	5374427	10.000
MDEA	2.948	1996097	455.2	1628.6	5374427	10.000
MDMA	2.765	2388534	403.1	283.7	5374427	10.000
Meperidine	3.326	1078328	389.8	283.4	2620523	10.000
Meprobamate	3.361	154040	89.3	89.2	3264188	10.000
Methadone	4.237	1713083	1156.8	404.7	1146676	10.000
Methamphetamine	2.631	2946876	1092.9	78.5	5374427	10.000
Methocarbamol	3.281	145953	279.8	490.2	1146676	10.000
Methylphenidate	3.237	4541784	9699.1	1735.8	6911198	10.000
Metoprolol	3.157	378583	754.2	3038.3	2620523	10.000
Midazolam	4.586	351462	975.0	313470.2	5706899	10.000
Mirtazapine	3.584	1219281	533.3	926.5	2620523	10.000
Mitragynine	4.063	77686	132.1	129970.9	2620523	10.000
Morphine	1.887	112745	611.0	564.0	102778	10.000
Norbuprenorphine	3.682	23812	5381.4	10984.8	662741	10.000
Nordiazepam	4.504	496684	1894.8	1039.5	5706899	10.000
Norfentanyl	3.007	1925869	8868.5	7133.7	10339660	10.000
Norhydrocodone	2.608	24075	108.9	4446.8	3494601	10.000
norketamine	3.070	292616	135.1	2229.2	23012318	10.000
Normeperidine	3.344	697058	326.3	253.6	23012318	10.000
Noroxycodone	2.545	377777	188.8	132.3	5371166	10.000
Nortriptyline	4.320	447079	245610.3	55.6	2209945	10.000
O-desmethyl-tramadol	2.550	3778106	3057.2	208.8	23012318	10.000
Oxazepam	4.301	164697	54.6	87.5	1039695	10.000
Oxycodone	2.558	1218227	1246.3	1268.5	5371166	10.000
Oxymorphone	1.956	410115	744.7	3699.1	102778	10.000
Paroxetine	4.295	16930	32.5	13.7	2571184	10.000
Phenazepam	4.448	621983	305465.7	631.0	5706899	10.000
Phencyclidine	3.724	1893093	597.0	1223.5	2620523	10.000
Phentermine	2.798	20110	13.8	85.7	6911198	10.000
Phenytoin	3.892	112324	77.7	71.5	60029	10.000
Promethazine	4.225	1330335	623.4	365.2	23012318	10.000
Pseudoephedrine	2.312	38922647	5328.7	∞	5374427	10.000
Quetiapine	4.247	1777035	385.9	414.8	20383182	10.000
Sertraline	4.498	527059	431287.5	277.2	2571184	10.000
Sufentanil	4.293	45027	34667.5	57.4	10339660	10.000
Tapentadol	3.147	2248591	1272.5	615.1	5371166	10.000
Temazepam	4.484	1064271	824.5	156.4	5706899	10.000
Tramadol	3.126	3748586	25569.0	104.4	23012318	10.000
Trazodone	4.400	1786582	243.8	209.2	8544770	10.000
Venlafaxine	3.552	2974149	1759.5	2866.2	2571184	10.000

AM #25 Multi-Drug Screen Results

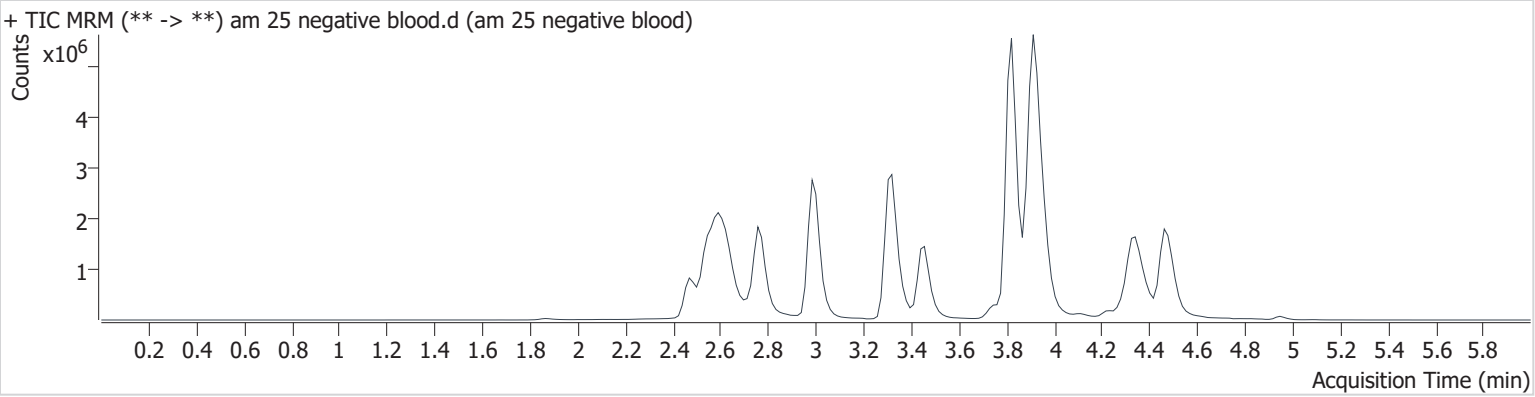
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Zaleplon	4.163	1014015	5173.7	295.9	20383182	10.000
Zolpidem	3.932	3988273	1599015.2	193.3	20383182	10.000
Zopiclone	3.759	322404	323.9	717.1	1691551	10.000

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\md.batch.bin
Calibration Last Update 11/2/2020 10:49:58 AM

Instrument	69679	**Data File**	am 25 negative blood.d
Type	Sample	**Sample**	am 25 negative blood
Acq. Method	mds 826.m	**Operator**	Anne Nord
Sample Position	P2-E2	**Comment**	
Injection Volume	2.5		
Acq. Date-Time	10/30/2020 3:22:37 PM		
Sample Info.			

Sample Chromatogram

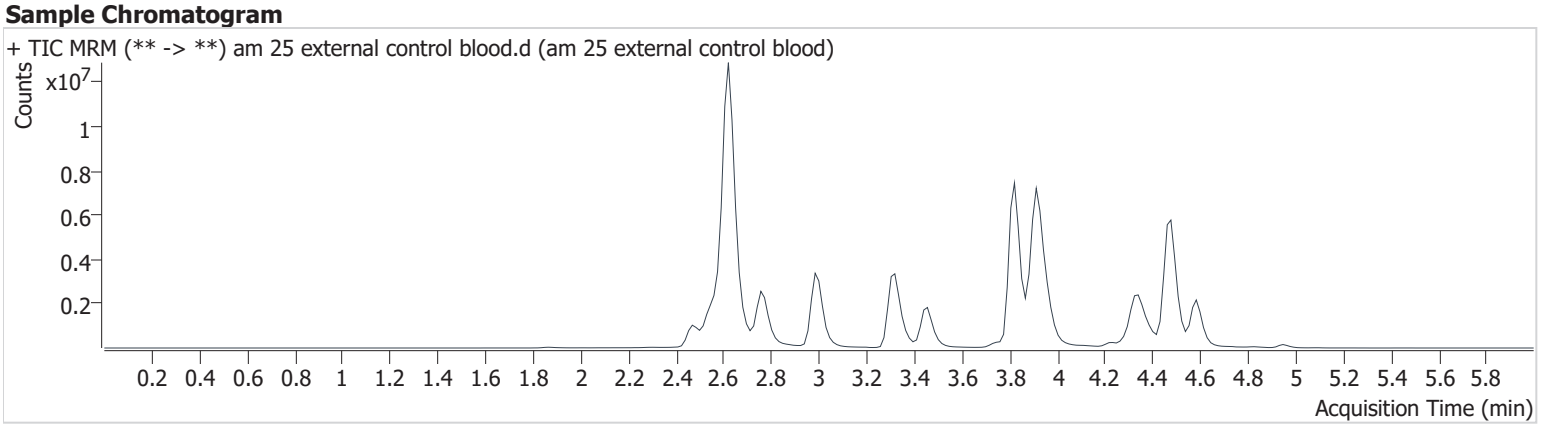


AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\md.batch.bin
Calibration Last Update 11/2/2020 10:49:58 AM

Instrument	69679	**Data File**	am 25 external control blood.d
Type	Sample	**Sample**	am 25 external control blood
Acq. Method	mds 826.m	**Operator**	Anne Nord
Sample Position	P2-F2	**Comment**	
Injection Volume	2.5		
Acq. Date-Time	10/30/2020 3:29:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Methamphetamine	2.631	17353739	∞	8966.2	8010148	39.511
Midazolam	4.586	3344126	1468244.5	1564446.6	4970545	109.245
Temazepam	4.484	9346570	1255.1	2623.1	4970545	100.831

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

10/30/20

Extraction Date: ~~11/2/20~~ Analyst: Anne Nord

Plate lot#: 200723 Plate Expiration: 1/23/2021

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: 20G20792 **Urine Blank:** 73020 **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

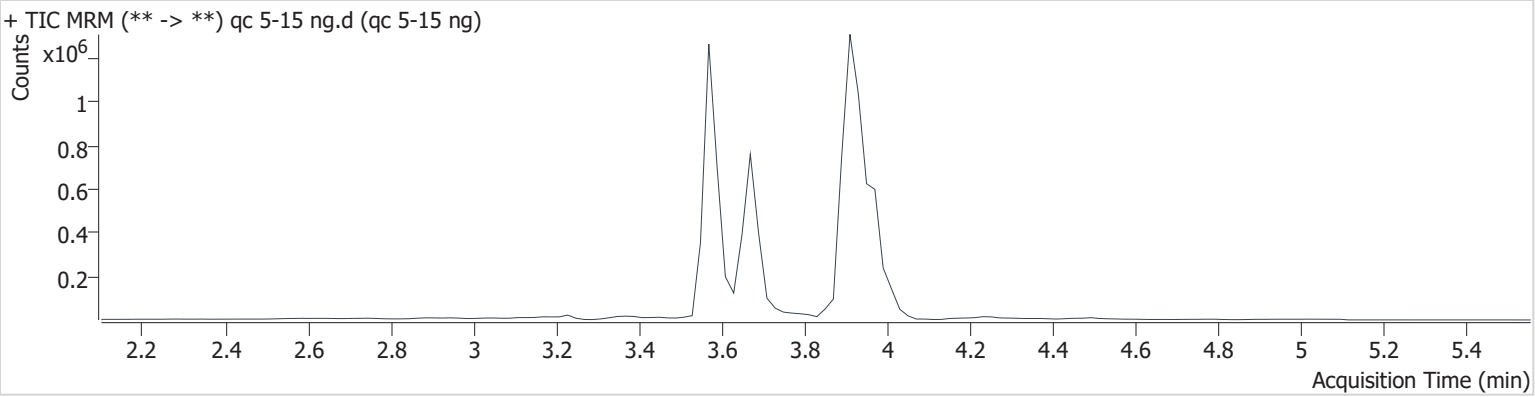
COMMENTS: *Extracts run on both am 26 and am 30*

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Calibration Last Update 11/2/2020 11:05:40 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	10/30/2020 7:09:54 PM		
Sample Info.			

Sample Chromatogram



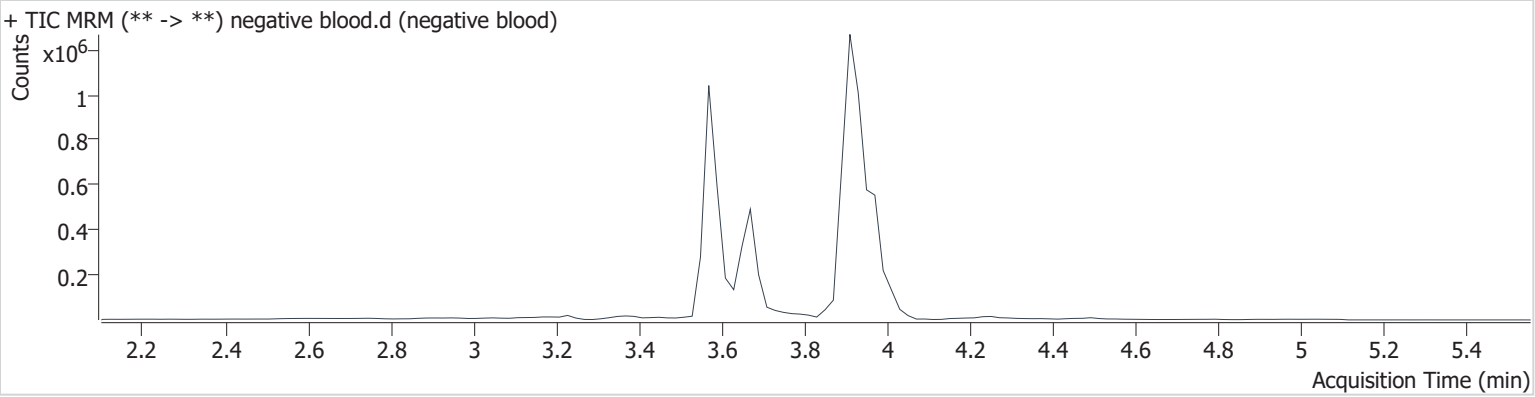
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	3.984	21419	805638	3.681 ng/ml
THC-COOH	3.672	254376	1149503	16.372 ng/ml
THC-OH	3.578	27802	2987820	4.815 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Calibration Last Update 11/2/2020 11:05:40 AM

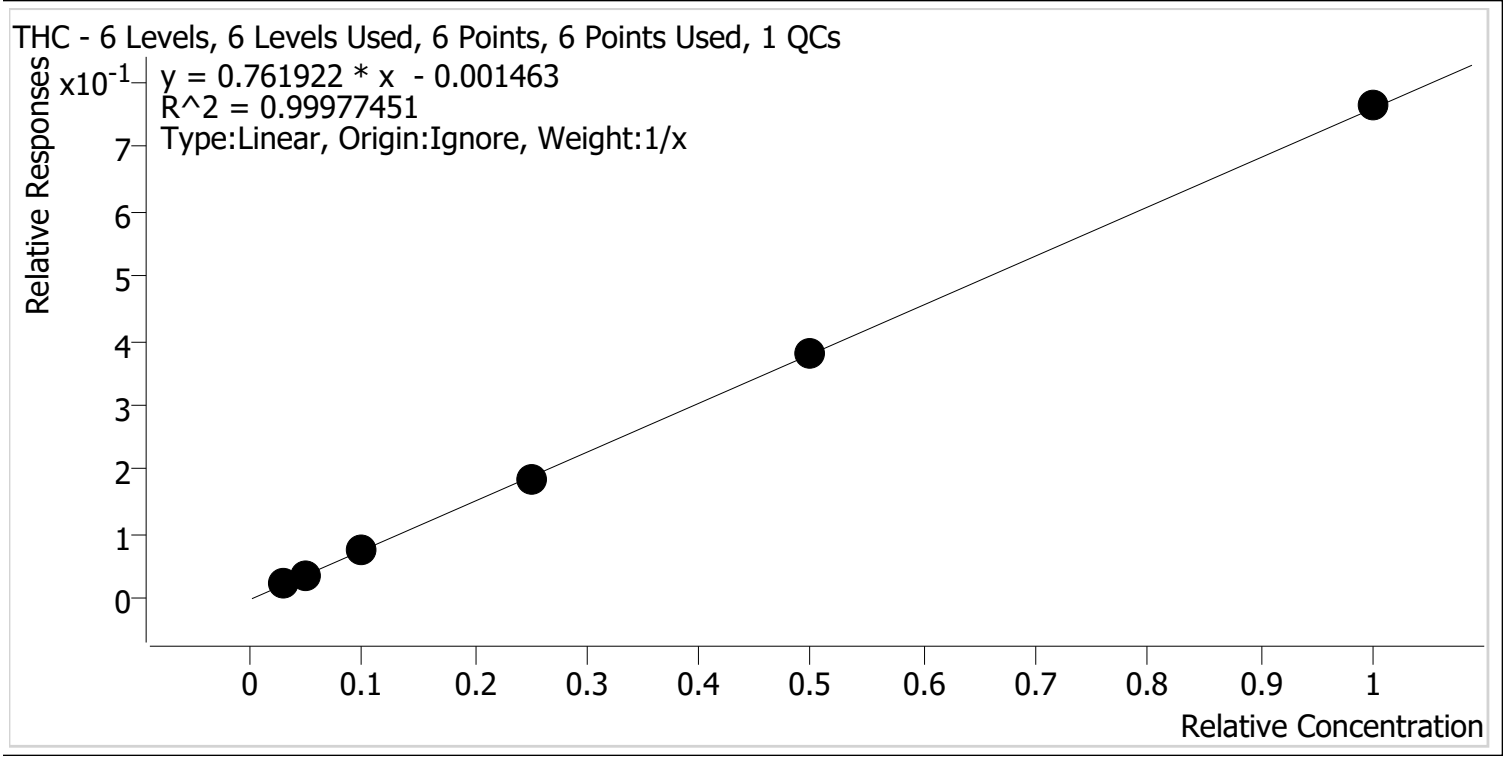
Instrument	69679	**Data File**	negative blood.d
Type	Sample	**Sample**	negative blood
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-A2	**Comment**	
Injection Volume	5		
Acq. Date-Time	10/30/2020 7:16:29 PM		
Sample Info.			

Sample Chromatogram



Compound Calibration Report

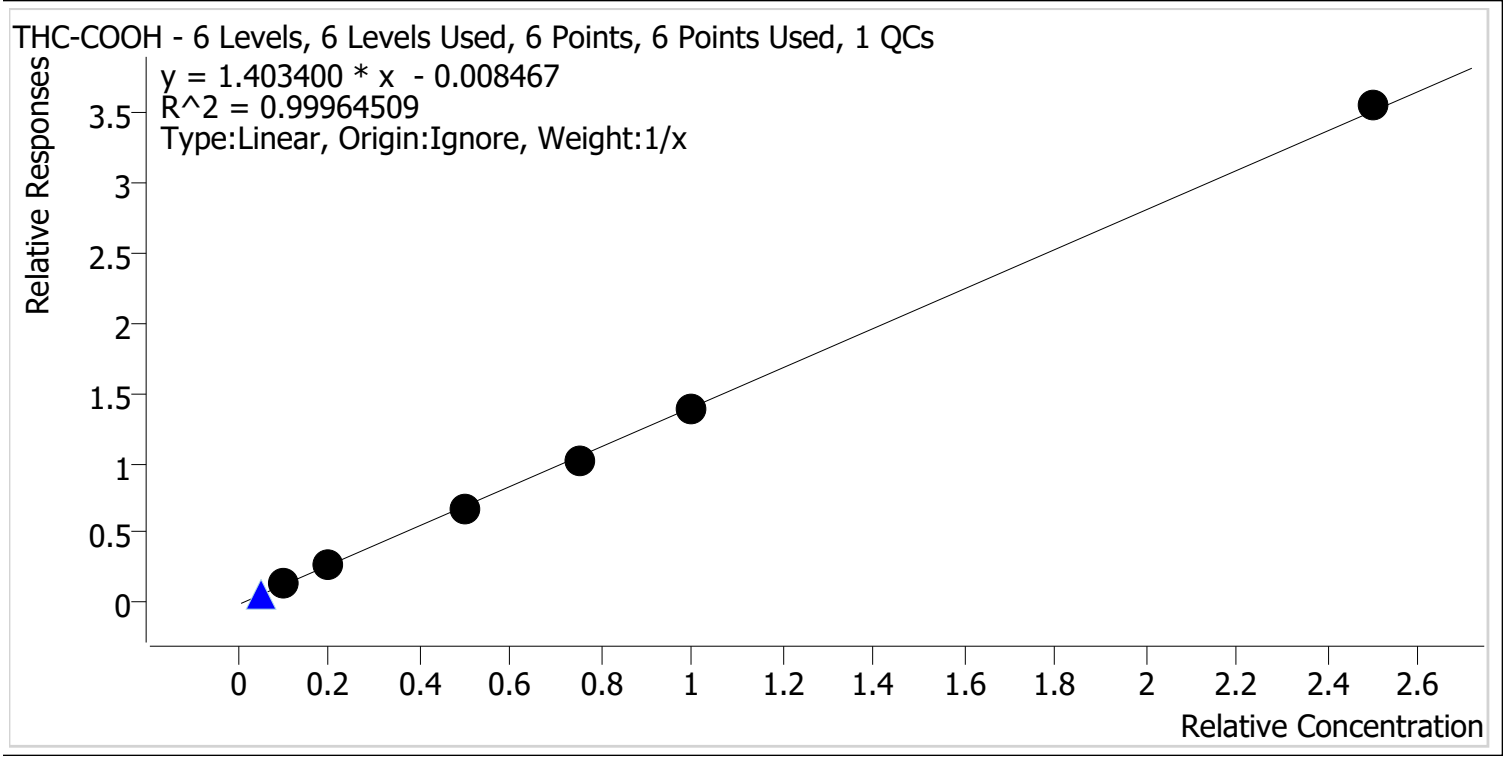
Batch results	D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Last Cal. Update	11/2/2020 11:05 AM
Analyst Name	ISP\datastor
Analyte	THC
Internal Standard	THC-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 2	2	✔	3.0	3.0	100.8
cal 3	3	✔	5.0	5.2	103.2
cal 4	4	✔	10.0	9.8	98.0
cal 5	5	✔	25.0	24.3	97.2
cal-6	6	✔	50.0	50.1	100.3
cal-7	7	✔	100.0	100.6	100.6

Compound Calibration Report

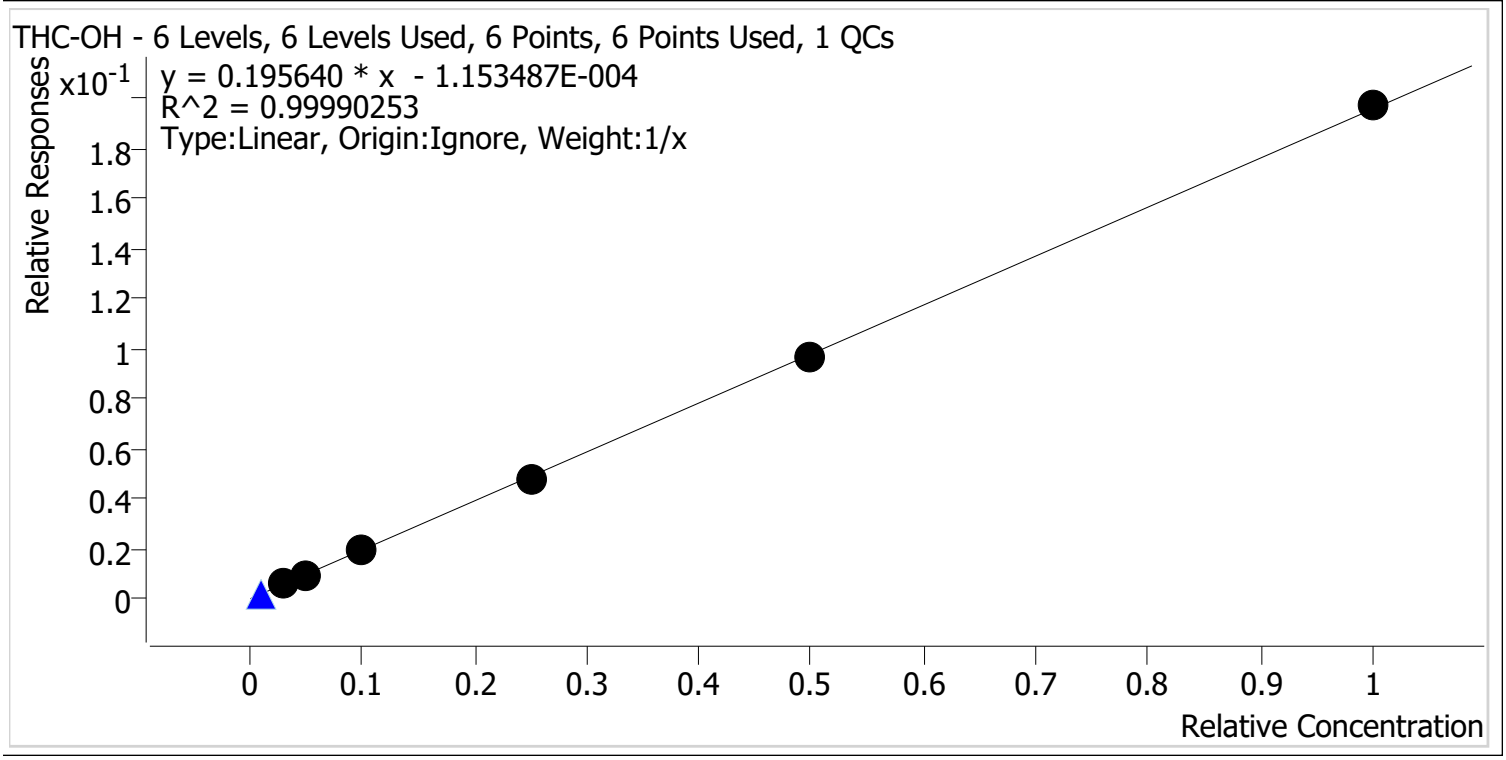
Batch results	D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Last Cal. Update	11/2/2020 11:05 AM
Analyst Name	ISP\datastor
Analyte	THC-COOH
Internal Standard	THC-COOH-d9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 2	2	✔	10.0	10.4	103.6
cal 3	3	✔	20.0	20.1	100.4
cal 4	4	✔	50.0	48.6	97.2
cal 5	5	✔	75.0	73.5	98.0
cal-6	6	✔	100.0	99.6	99.6
cal-7	7	✔	250.0	252.8	101.1

Compound Calibration Report

Batch results	D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Last Cal. Update	11/2/2020 11:05 AM
Analyst Name	ISP\datastor
Analyte	THC-OH
Internal Standard	THC-OH-d3



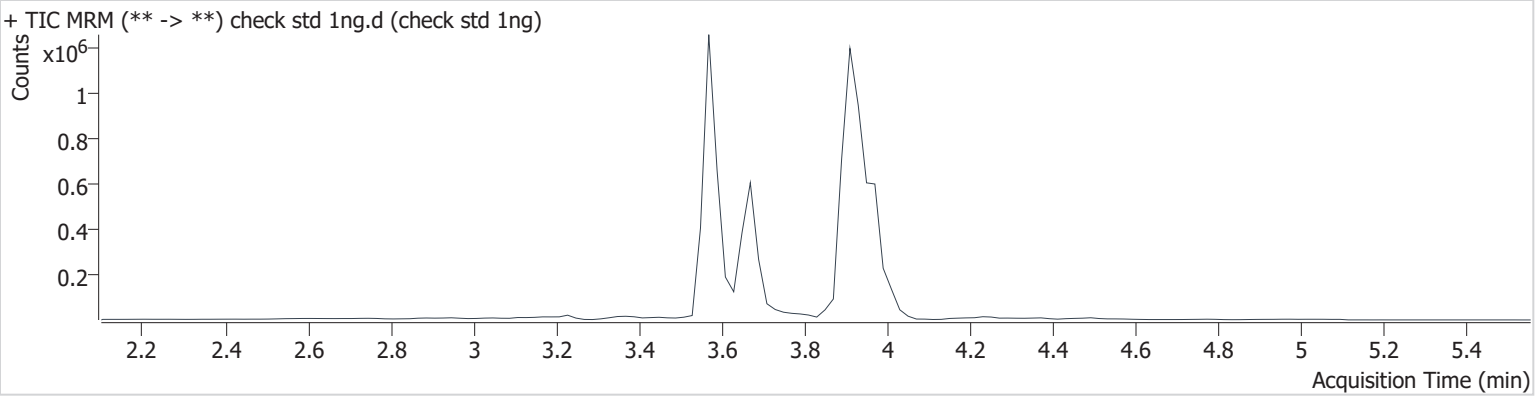
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 2	2	✔	3.0	3.0	101.1
cal 3	3	✔	5.0	5.1	101.5
cal 4	4	✔	10.0	9.8	98.5
cal 5	5	✔	25.0	24.7	99.0
cal-6	6	✔	50.0	49.6	99.2
cal-7	7	✔	100.0	100.7	100.7

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Calibration Last Update 11/2/2020 11:05:40 AM

Instrument	69679	**Data File**	check std 1ng.d
Type	QC	**Sample**	check std 1ng
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-A1	**Comment**	
Injection Volume	5		
Acq. Date-Time	10/30/2020 6:23:40 PM		
Sample Info.			

Sample Chromatogram



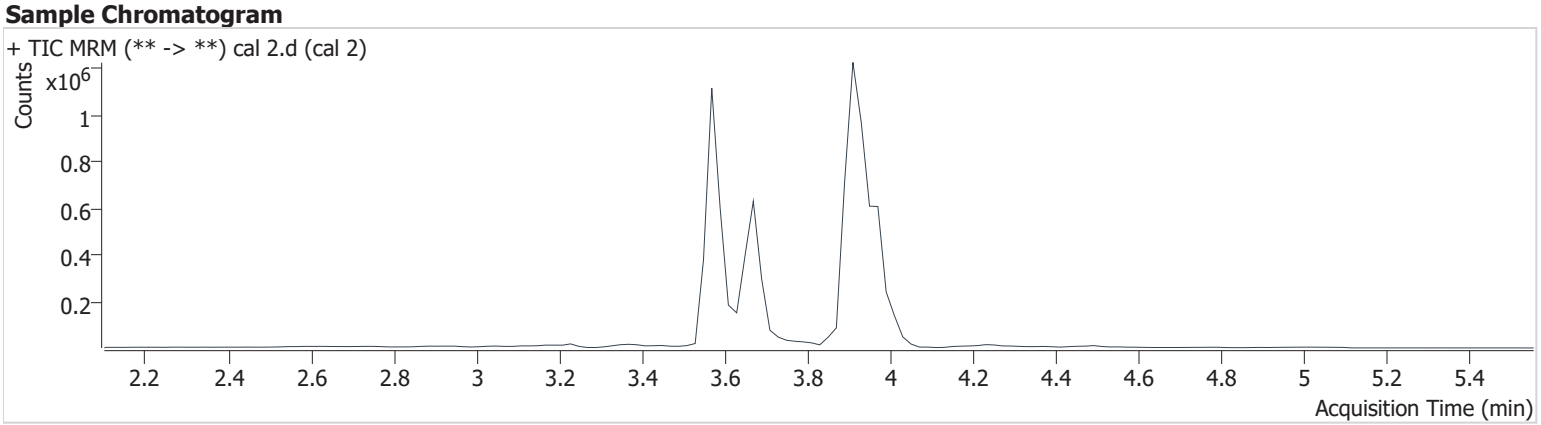
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	3.984	6955	897027	1.210 ng/ml **Low**
THC-COOH	3.672	82154	1190426	5.521 ng/ml
THC-OH	3.578	6242	3179101	1.063 ng/ml **Low**

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Calibration Last Update 11/2/2020 11:05:40 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	10/30/2020 6:30:18 PM		
Sample Info.			

Sample Chromatogram



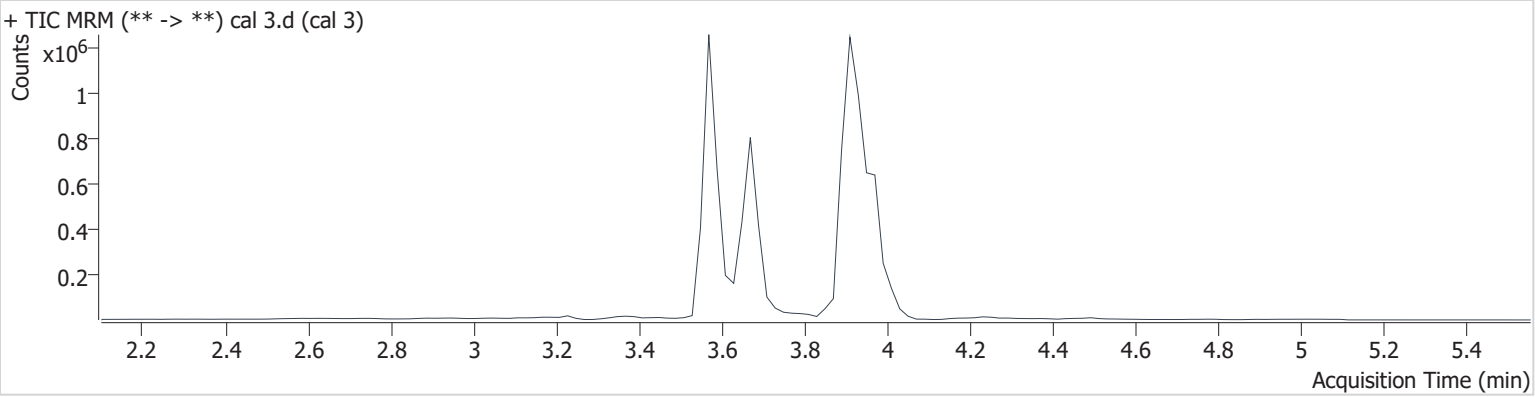
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	3.984	18303	848569	3.023 ng/ml
THC-COOH	3.672	151367	1105842	10.357 ng/ml
THC-OH	3.578	16497	2835466	3.033 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Calibration Last Update 11/2/2020 11:05:40 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	10/30/2020 6:36:54 PM		
Sample Info.			

Sample Chromatogram



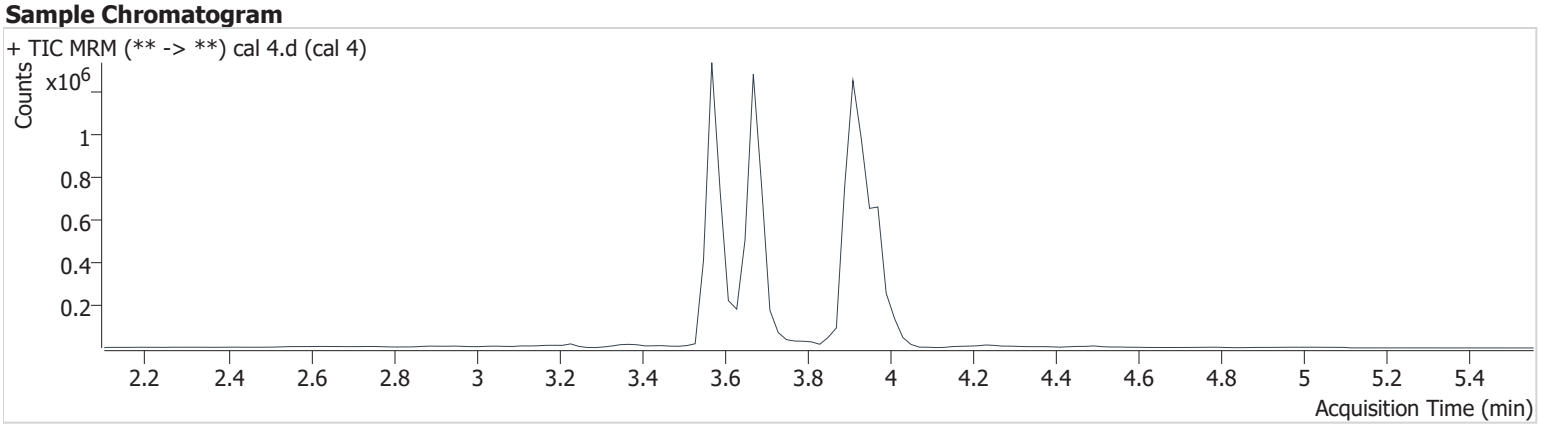
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	3.984	33941	897065	5.158 ng/ml
THC-COOH	3.672	307725	1125244	20.090 ng/ml
THC-OH	3.578	29770	3032862	5.076 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Calibration Last Update 11/2/2020 11:05:40 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	10/30/2020 6:43:30 PM		
Sample Info.			

Sample Chromatogram



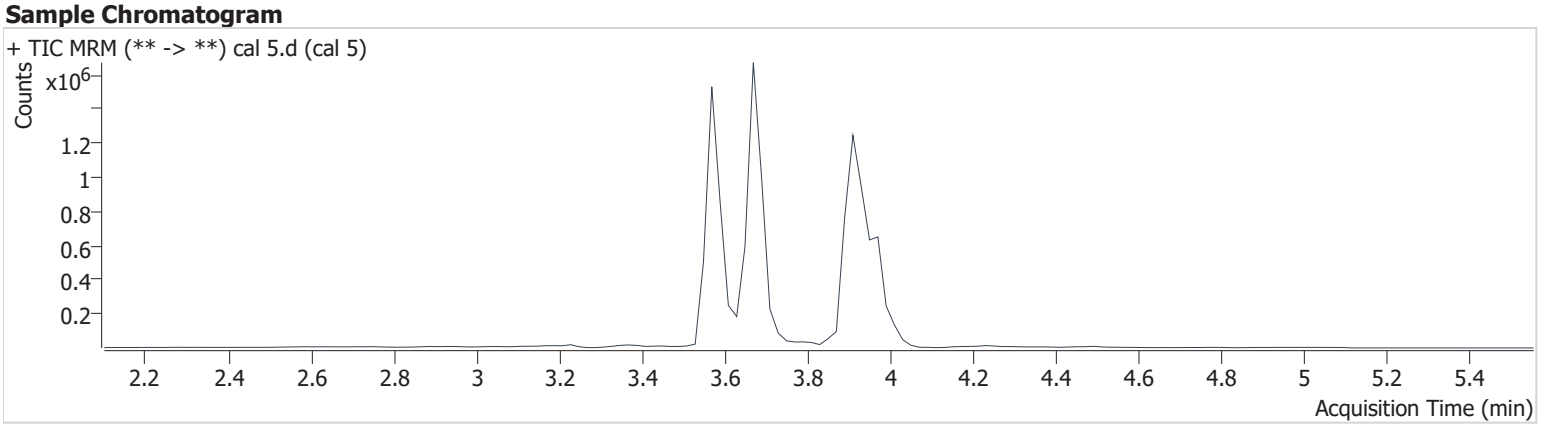
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	3.984	66773	912076	9.801 ng/ml
THC-COOH	3.672	762485	1131639	48.614 ng/ml
THC-OH	3.578	58256	3041855	9.848 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Calibration Last Update 11/2/2020 11:05:40 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	10/30/2020 6:50:06 PM		
Sample Info.			

Sample Chromatogram



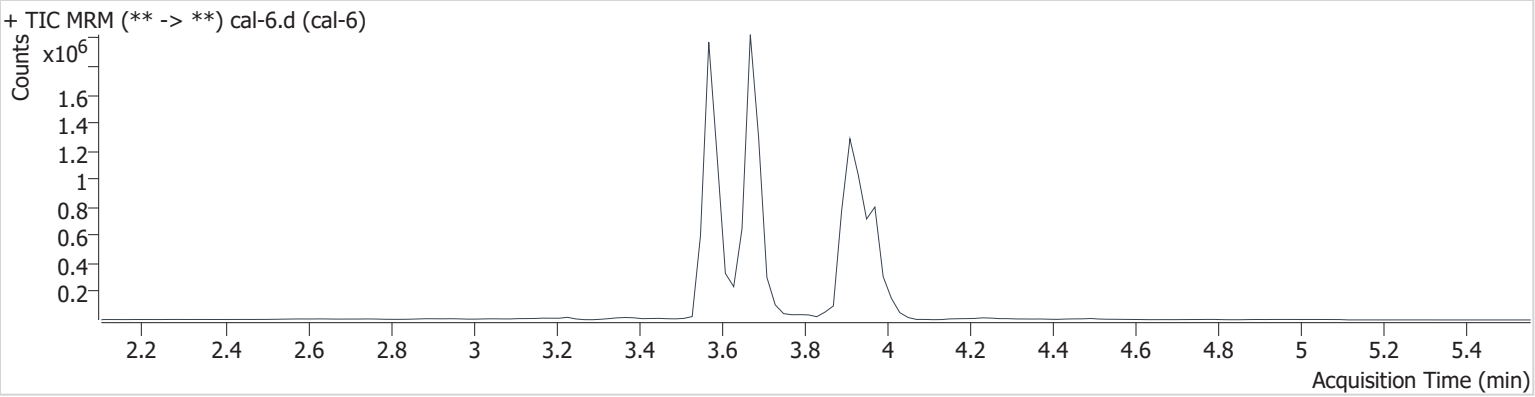
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	3.984	151496	824507	24.308 ng/ml
THC-COOH	3.672	1129824	1104464	73.495 ng/ml
THC-OH	3.578	137860	2854405	24.746 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Calibration Last Update 11/2/2020 11:05:40 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	10/30/2020 6:56:42 PM		
Sample Info.			

Sample Chromatogram



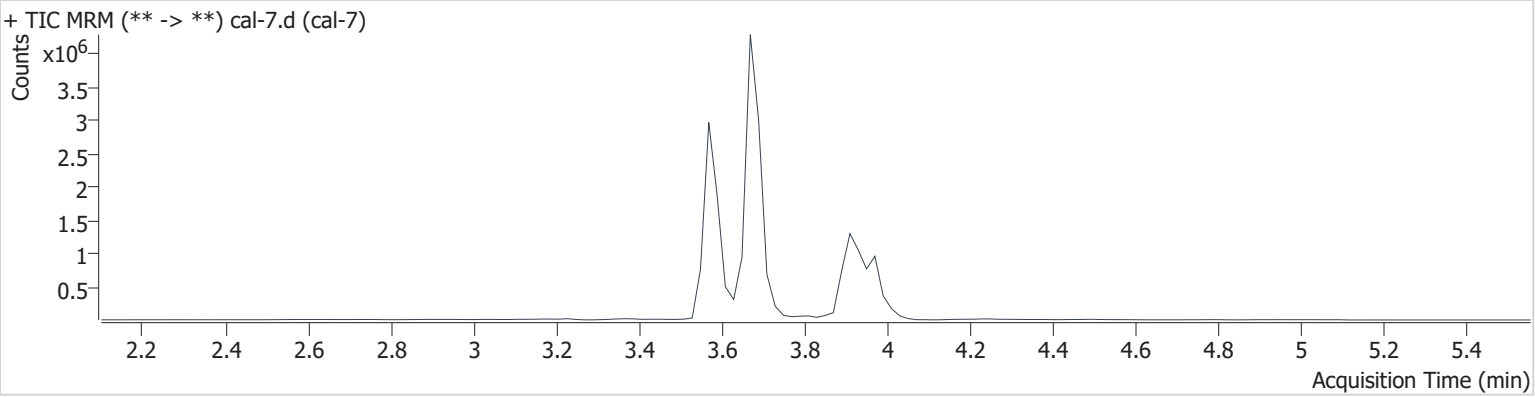
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	3.984	330730	869105	50.137 ng/ml
THC-COOH	3.672	1510489	1086797	99.638 ng/ml
THC-OH	3.578	277772	2864671	49.622 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2020 Data\am 25-26 103020\QuantResults\cann.batch.bin
Calibration Last Update 11/2/2020 11:05:40 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	10/30/2020 7:03:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	3.984	612734	801131	100.575 ng/ml
THC-COOH	3.672	3737720	1056030	252.806 ng/ml
THC-OH	3.578	568683	2888988	100.675 ng/ml