




















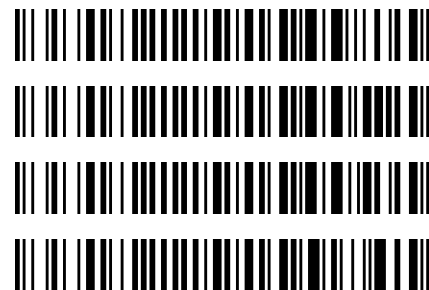
Worklist: 3391

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2019-0775	1	150140	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0815	1	150845	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0816	1	150849	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0819	1	150855	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0825	1	150943	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0827	1	150946	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0837	1	150967	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0840	1	150975	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0849	1	151033	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0866	1	151194	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0872	1	151241	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0874	1	151420	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0880	1	151601	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0884	1	151598	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0885	1	151600	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0886	1	151643	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0895	1	151660	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0901	1	151697	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	
C2019-0902	1	151699	AM 25/AM 26 Blood MultiDrug/THC Screen by Li	

BW

Worklist: 3397

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
C2019-0919	1.1	152067	AM 25/AM 26 Blood MultiDrug/THC Screen by L
C2019-0919	1.2	152068	AM 25/AM 26 Blood MultiDrug/THC Screen by L
C2019-0919	1.3	152069	AM 25/AM 26 Blood MultiDrug/THC Screen by L
C2019-0928	2	151907	AM 25/AM 26 Blood MultiDrug/THC Screen by L

*BW*

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

Extraction Date: 5/20/19

Analyst: Britany Wylie

Plate lot#: 0543908

Plate Expiration: November 28 2019

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: 19A207P3

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.
- 3. Create worklist: Data Path Name: D:\masshunter\Data\2019\am 25-26\052019

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 1926134** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 66759*
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in **100µL 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:52019 mds2
- 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. Calc conc 5 or greater, discretionary range 2-5
- 4. Did all QCs pass for each analyte? Y / N yes
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

BW

Toxicology AM method 25 external prep information

working solution 10000 ng/ml in meoh Hydromorphone, Hydrocodone, Nortriptyline, Sertraline

Stock solution 1mg/ml 100 ul each in 9600ul meOH

Ppd 4/23/18 Exp: 4/23/19 lot 42318 by Amn

ppd 5/20/19: Exp: 5/20/20 lot 52020 by baw

Drug	lot	expiration
Hydromorphone	FE04101502	6/1/2020
Hydrocodone	FE09091505	9/1/2020
nortriptyline	FN06191503	8/1/2020
sertraline	FN01081501	3/1/2020

AM 25 control 100 ul working solution (42318) in 9900 ul neg blood

ppd 04/23/18 exp 4/23/19 lot 42318

neg blood lot 17J20718

by Amn

ppd 5/20/19, exp 5/20/20 lot 52019

neg blood lot 19A207P3

by BAW

Concentration 100ng/ml hydrocodone, nortriptyline, sertraline, hydromorphone

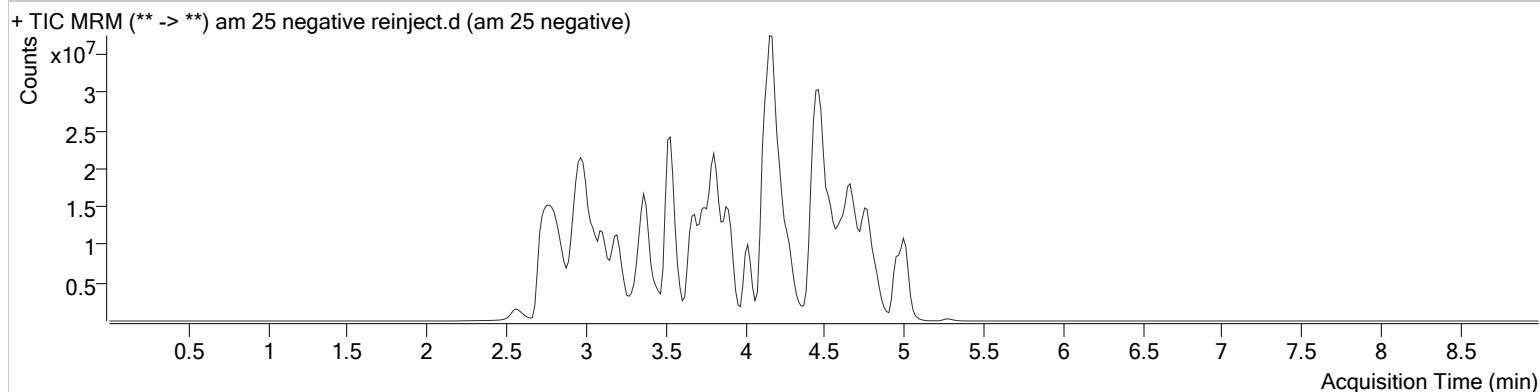
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AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\052019 mds2.batch.bin
Calibration Last Update 5/22/2019 8:14:38 AM

Instrument	69679	Data File	am 25 negative reinject.d
Type	Sample	Sample	am 25 negative
Acq. Method	am 25.m	Operator	Britany Wylie
Sample Position	P2-C1	Comment	negative blood
Injection Volume	5		
Acq. Date-Time	5/20/2019 10:38:48 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Methamphetamine	3.084	7872083	∞	∞	15027103	3.13

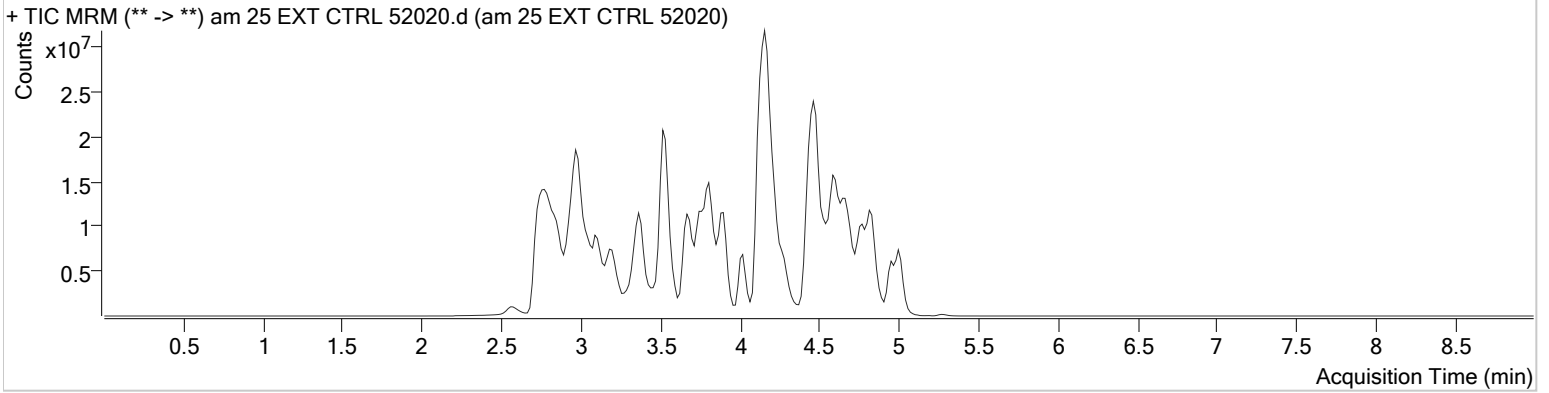
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AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\052019 mds2.batch.bin
Calibration Last Update 5/22/2019 8:14:38 AM

Instrument	69679	Data File	am 25 EXT CTRL 52020.d
Type	Sample	Sample	am 25 EXT CTRL 52020
Acq. Method	am 25.m	Operator	Britany Wylie
Sample Position	P2-C5	Comment	reinject to confirm carry over <i>BW</i>
Injection Volume	5		*new control
Acq. Date-Time	5/21/2019 3:34:07 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Hydrocodone	3.499	9742840	∞	∞	6251329	133.83
Hydromorphone	2.849	13491521	358	280	3328342	94.48
Methamphetamine	3.084	7893489	14	∞	6463914	7.29
Nortriptyline	4.595	20183382	64498	335	5103145	107.46
Sertraline	4.834	15471666	∞	1577721	6507224	107.33

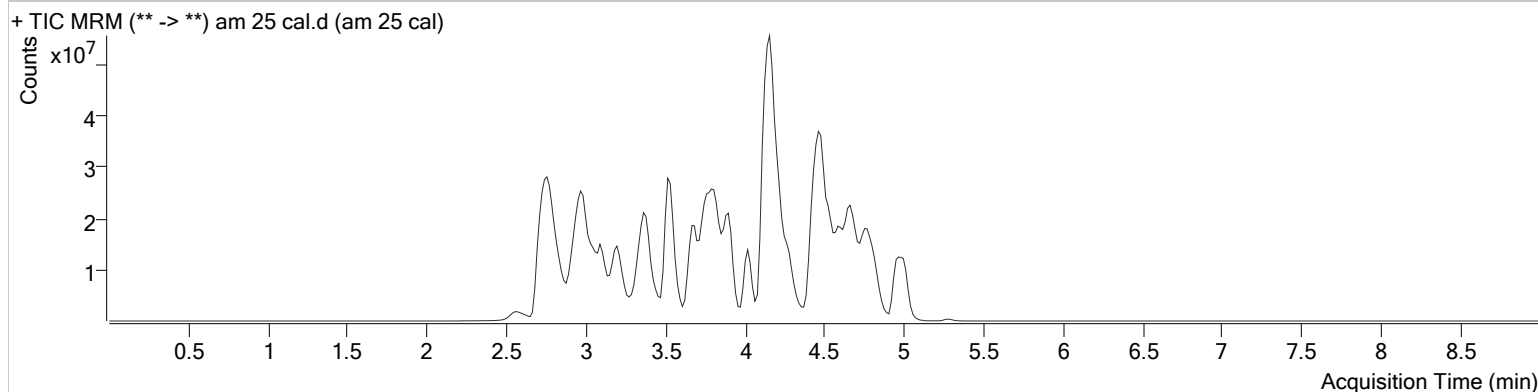
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AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\052019 mds2.batch.bin
Calibration Last Update 5/22/2019 8:14:38 AM

Instrument	69679	Data File	am 25 cal.d
Type	Cal	Sample	am 25 cal
Acq. Method	am 25.m	Operator	Britany Wylie
Sample Position	P2-A1	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 9:30:34 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	3.299	97386	10771	4383	2191211	10.00
7-aminoclonazepam	3.516	359580	∞	848	1977525	10.00
7-aminoflunitrazepam	3.729	2289576	10533	808	12297027	10.00
Acetyl Fentanyl	4.432	550506	2764	84211	34773676	10.00
Acetyl Norfentanyl	2.943	390932	1527	551	21452255	10.00
a-hydroxyalprazolam	4.447	69154	424	25	395492	10.00
alpha-hydroxymidazolam	4.523	1086749	527	316310	8538298	10.00
alpha-PVP	3.891	6542622	10164	609	28910428	10.00
Alprazolam	4.542	1274066	62	401	4360271	10.00
Amitriptyline	4.747	3906216	∞	∞	12631122	10.00
Amphetamine	2.978	2993512	44	47	7726690	10.00
Benzoyllecgonine	3.317	1416431	∞	635	6325549	10.00
Buprenorphine	5.280	264050	972	∞	1049761	10.00
Bupropion	4.182	3955182	146	161	10699941	10.00
Carbamazepine	4.167	4459097	∞	1019	23073650	10.00
Carisoprodol	4.165	431605	2159	83	1921542	10.00
Chlordiazepoxide	4.667	351267	123	151	7624885	10.00
Chlorpheniramine	4.101	10741	21	51	54535947	10.00
Citalopram	4.246	4731225	11574	191147	22223009	10.00
Clonazepam	4.386	282846	229	445	450452	10.00
Cocaine	3.834	9042346	∞	518	38317804	10.00
Codeine	3.271	741958	1306	38	3111440	10.00
Cyclobenzaprine	4.624	5326503	17791	134	21483220	10.00
Desipramine	4.548	6767605	447585	1517	35943019	10.00
Dextromethorphan	4.286	4179115	194930	16702	21585903	10.00
Dextrorphan	3.534	3205991	4420	5703	18786080	10.00
Diazepam	4.776	472840	80	1679	2434939	10.00
Dihydrocodeine	2.997	1596933	272	340	8738597	10.00
Diphenhydramine	4.211	15201800	8781	∞	54535947	10.00
Doxepin	4.453	2569078	703	2344	16717032	10.00
Doxylamine	3.761	18353486	8983800	16900	54245399	10.00
EDDP	4.146	7753339	∞	4783	41287485	10.00
Estazolam	4.451	1724647	18142	∞	4984679	10.00
Etizolam	4.553	185902	946	8615	4984679	10.00

am 25 cal

BW

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Fentanyl	4.646	507903	156	38330	24429131	10.00
Flunitrazepam	4.510	1075534	∞	529	203650	10.00
Fluoxetine	4.434	4452058	∞	∞	21305052	10.00
Flurazepam	4.659	4367189	1038156	204368	203650	10.00
Hydrocodone	3.499	1114716	275	∞	9571970	10.00
Hydromorphone	2.849	1908314	∞	∞	4448110	10.00
Imipramine	4.685	9267766	∞	∞	32763734	10.00
Ketamine	4.166	1952158	780	∞	9167390	10.00
Lamotrigine	3.626	414658	873	57152	20512545	10.00
Levamisole	3.402	5563648	5479979	∞	38317804	10.00
Lorazepam	4.371	113985	10	22	4360271	10.00
Maprotiline	4.562	762304	167	∞	12631122	10.00
MDA	3.113	3286945	565	472	15662239	10.00
MDEA	3.356	8057223	6129	6096	36789529	10.00
MDMA	3.219	7882723	600728	3900	4951886	10.00
Meperidine	3.872	4096304	2851	4265	20512545	10.00
Meprobamate	3.601	301554	1118	73	1400428	10.00
Methadone	4.496	11635142	∞	∞	41307901	10.00
Methamphetamine	3.084	36035292	∞	∞	21526493	10.00
Methocarbamol	3.521	139443	238	∞	20512545	10.00
Methylphenidate	3.400	804555	∞	15658	1796242	10.00
Metoprolol	3.518	723341	27153	310	20512545	10.00
Midazolam	4.708	842990	45458	535	11448686	10.00
Mirtazapine	4.595	3880327	583	2146	20512545	10.00
Mitragynine	4.658	918511	413428	17791	16717032	10.00
Morphine	2.622	609094	∞	913	533910	10.00
Norbuprenorphine	4.060	75725	15522	16855	375635	10.00
Nordiazepam	4.625	167522	288	10	560626	10.00
Norfentanyl	3.385	8086211	637	6091	34359721	10.00
Norhydrocodone	3.090	80920	∞	14	2235625	10.00
Normeperidine	3.706	2756563	628	∞	10728970	10.00
Noroxycodone	3.013	1477143	46	245	5046942	10.00
Nortriptyline	4.595	2746812	1319410	∞	7463330	10.00
O-desmethyl-tramadol	2.987	12344884	∞	2457	50179971	10.00
Olanzapine	4.311	3008874	∞	249	113087	10.00
Oxazepam	4.452	105968	∞	30	578921	10.00
Oxycodone	3.223	3472577	109	∞	16839531	10.00
Oxymorphone	2.588	1949780	44	149	7006679	10.00
Paroxetine	4.600	444275	40	408	9498143	10.00
Phenazepam	4.568	307078	189706	2473	1300148	10.00
Phencyclidine	4.041	7712044	∞	∞	35369180	10.00
Phentermine	3.221	2780568	28	22	16103159	10.00
Phenytoin	4.073	16315	∞	∞	113087	10.00
Promethazine	4.807	10704431	341555	1003	50185664	10.00
Pseudoephedrine	2.764	60807541	∞	829	145851526	10.00
Quetiapine	4.797	5042009	826378	1227470	6953686	10.00
Sertraline	4.834	2104052	∞	90	9498143	10.00
Sufentanil	5.011	616924	5676	639	33129891	10.00
Tapentadol	3.525	5038829	8148	2847	26048754	10.00
Temazepam	4.605	760062	146	18	4114547	10.00
Tramadol	3.533	10543578	∞	∞	45206818	10.00
Trazodone	4.966	6604964	976	916	27956998	10.00
Venlafaxine	3.914	11018929	696	∞	43585067	10.00
Zaleplon	4.281	1468559	1070	4341	4305519	10.00
Zolpidem	4.481	11457974	5868	215	42457130	10.00
Zopiclone	4.490	126146	446	107	622741	10.00

BW

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

Extraction Date: 5/20/19

Analyst: Britany Wylie

Plate lot#: 0539904

Plate Expiration: 09/10/2019

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: 19A207P3

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.
- 3. Create worklist:

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **1000 µL blood (calibrated pipette) Pipette ID: k52558g** in wells of analytical (standards) plate.
 - Blank blood for locations containing standards/QCs and internal standards
 - Sample blood for locations containing only internal standards
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 66759*
- 4. Pipette **500 µL 0.1% formic acid** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **800 µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 4 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 8. Wait 5 minutes.
- 9. Add **2.25 mL MTBE** (add in 3 increments of 750uL).
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add **2.25 mL hexane** (add in 3 increments of 750uL).
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in **100µL 100% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
Data path: D:\2019 data\am 25-26\052019 Batch Name: cann scr
- 2. Calculated sample concentration of 3 ng/mL or greater for THC and THC-OH, a calculated sample concentration of 10 ng/mL or greater for Carboxy-THC.
- 3. Retention time within +/- 2% or +/- .100 min whichever is greater of the average retention time of the calibrators.
- 4. Did all QCs pass for each analyte? Y / N
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

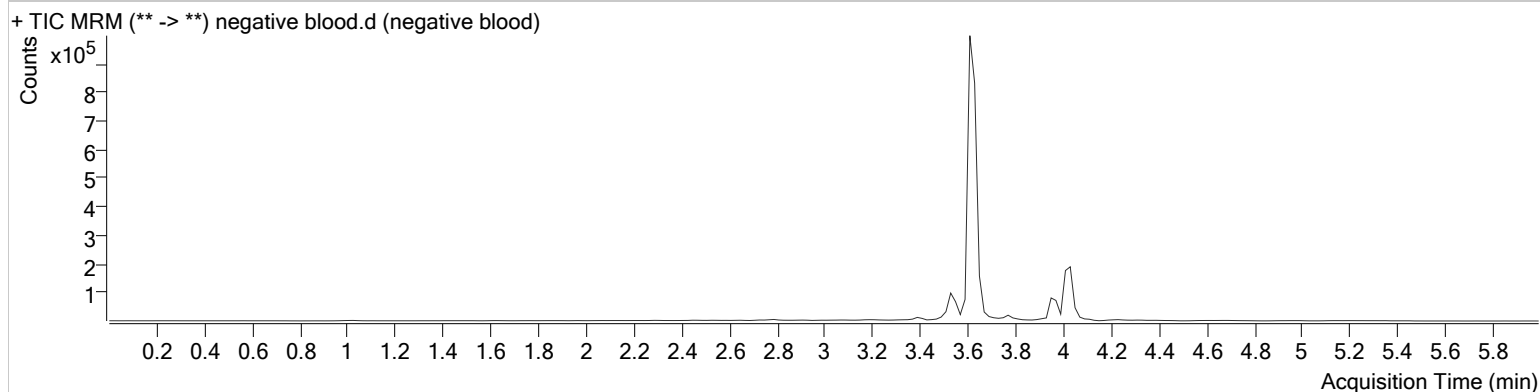
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AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Calibration Last Update 5/21/2019 8:23:53 AM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	am 26 cann screen.m	Operator	Britany Wylie
Sample Position	P3-A2	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 3:51:36 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	4.040	1440	462815	0.27 ng/ml	Low
THC-COOH	3.528	351	229943	0.46 ng/ml	Low

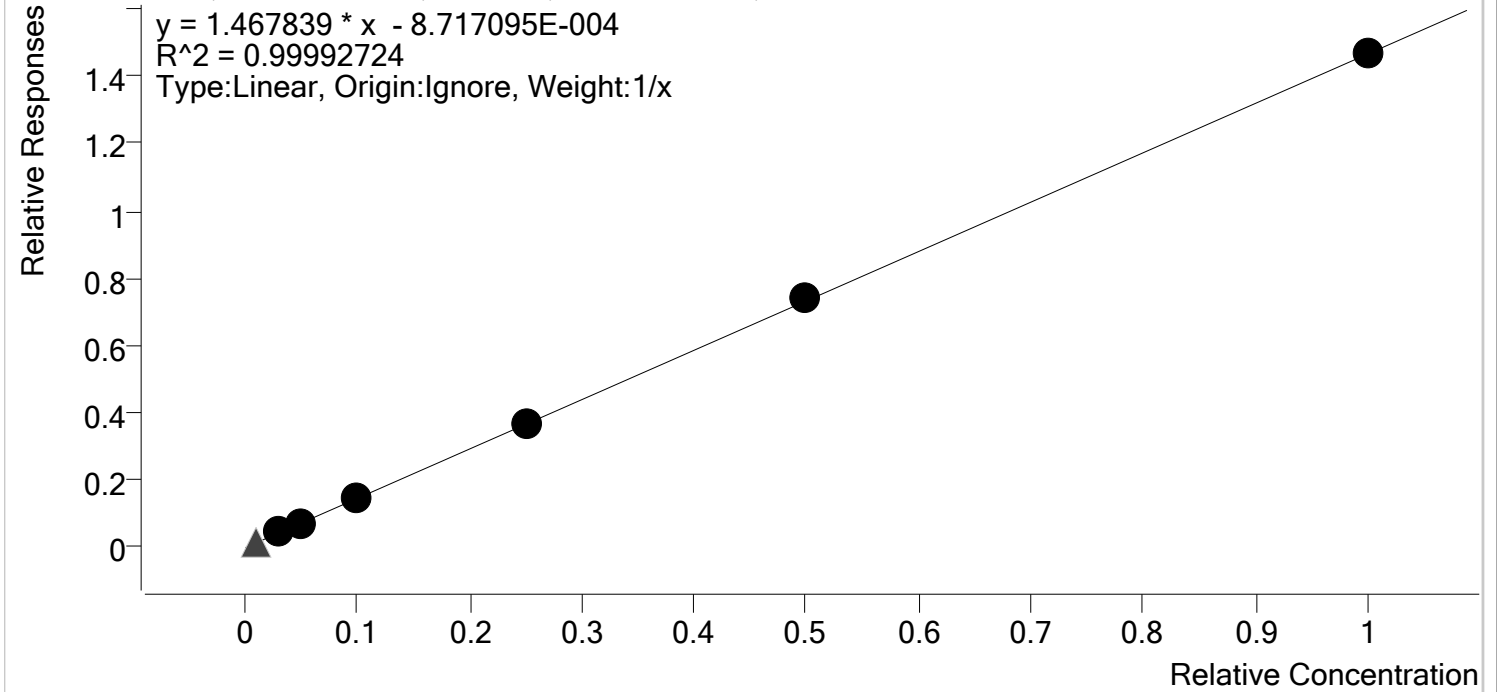
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Compound Calibration Report



Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Last Cal. Update 5/21/2019 8:23 AM
Analyst Name ISP\datastor
Analyte THC **Internal Standard** THC-d3

THC - 6 Levels, 6 Levels Used, 6 Points, 6 Points Used, 1 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 2	2	✓	3.0	3.0	101.7
cal 3	3	✓	5.0	5.0	99.3
cal 4	4	✓	10.0	9.7	97.4
cal 5	5	✓	25.0	24.9	99.4
cal-6	6	✓	50.0	50.4	100.8
cal-7	7	✓	100.0	99.9	99.9

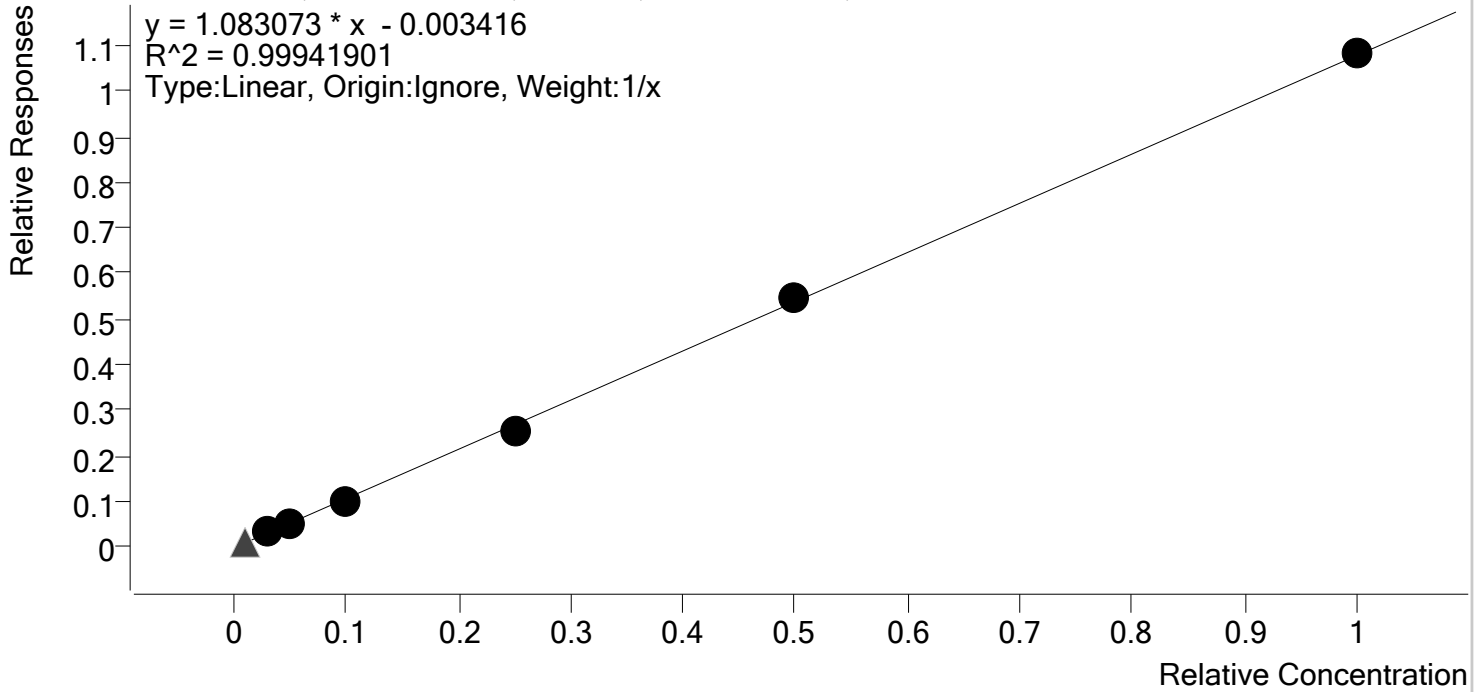
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Compound Calibration Report



Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Last Cal. Update 5/21/2019 8:23 AM
Analyst Name ISP\datastor
Analyte THC-COOH **Internal Standard** THC-COOH-d9

THC-COOH - 6 Levels, 6 Levels Used, 6 Points, 6 Points Used, 1 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 2	2	✓	3.0	3.0	99.4
cal 3	3	✓	5.0	4.2	84.0
cal 4	4	✓	10.0	8.3	82.7
cal 5	5	✓	25.0	23.6	94.3
cal-6	6	✓	50.0	50.4	100.8
cal-7	7	✓	100.0	99.9	99.9

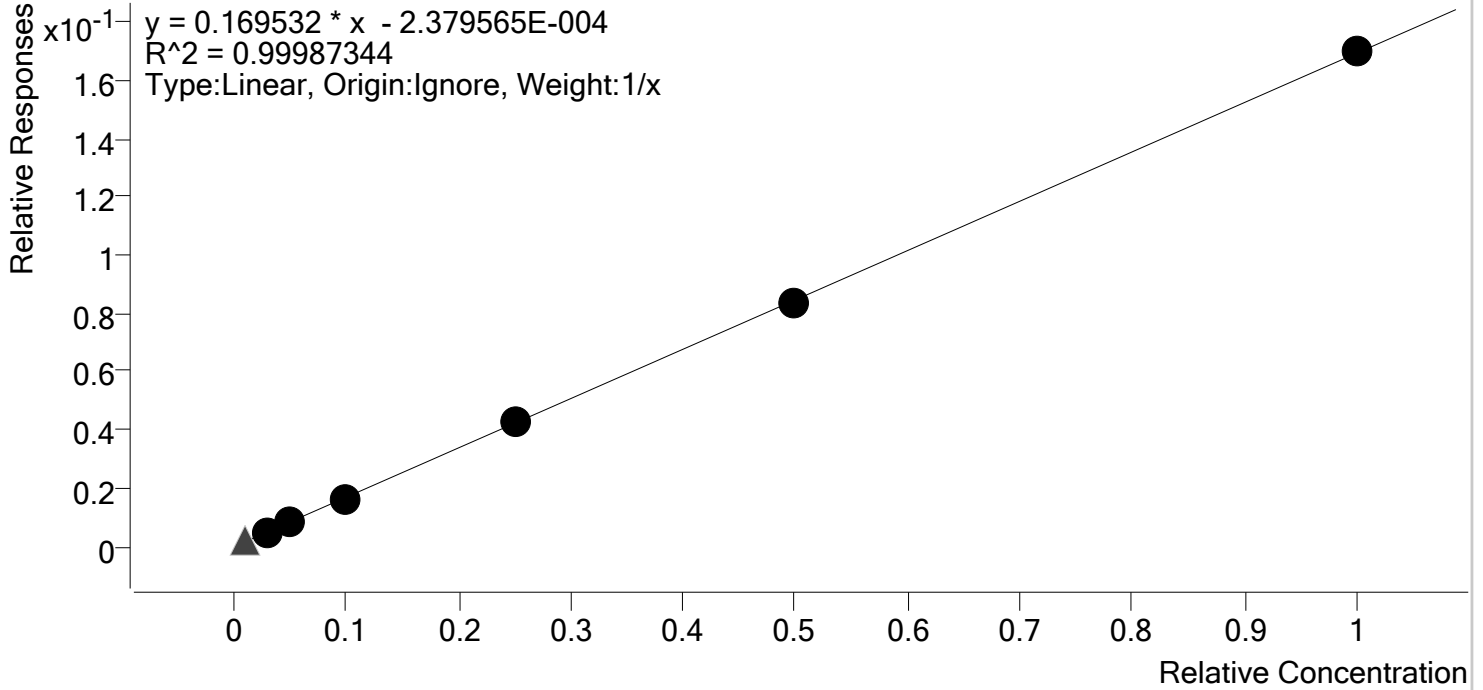
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Compound Calibration Report



Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Last Cal. Update 5/21/2019 8:23 AM
Analyst Name ISP\datastor
Analyte THC-OH **Internal Standard** THC-OH-d3

THC-OH - 6 Levels, 6 Levels Used, 6 Points, 6 Points Used, 1 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 2	2	✓	3.0	3.2	107.9
cal 3	3	✓	5.0	4.8	96.6
cal 4	4	✓	10.0	9.7	97.1
cal 5	5	✓	25.0	24.9	99.6
cal-6	6	✓	50.0	48.5	97.0
cal-7	7	✓	100.0	98.3	98.3

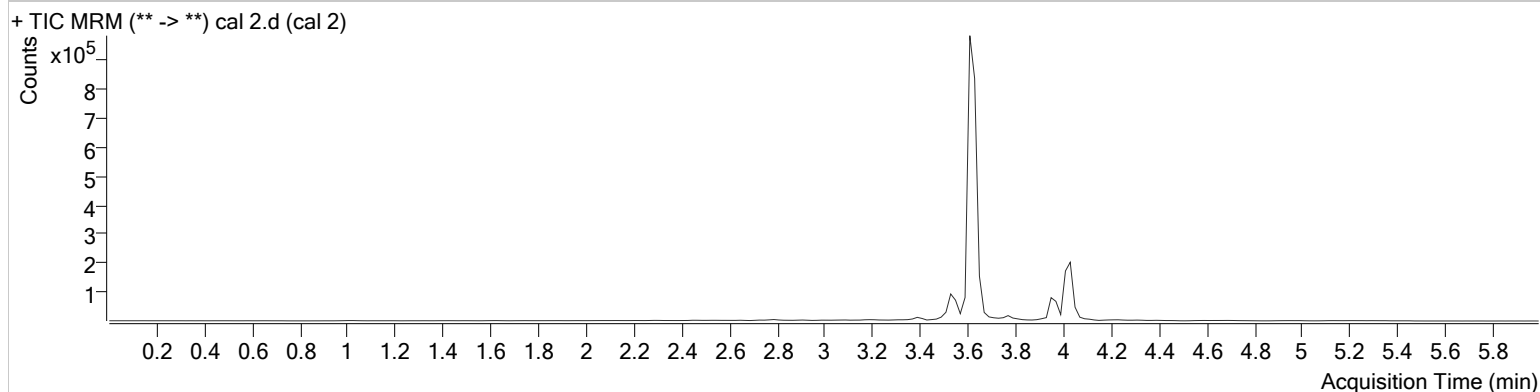
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AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Calibration Last Update 5/21/2019 8:23:53 AM

Instrument	69679	Data File	cal 2.d
Type	Cal	Sample	cal 2
Acq. Method	am 26 cann screen.m	Operator	Britany Wylie
Sample Position	P3-B1	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 2:58:47 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	4.040	19722	449324	3.05 ng/ml	
THC-COOH	3.548	5998	207616	2.98 ng/ml	Low
THC-OH	3.614	12432	2368783	3.24 ng/ml	

BW

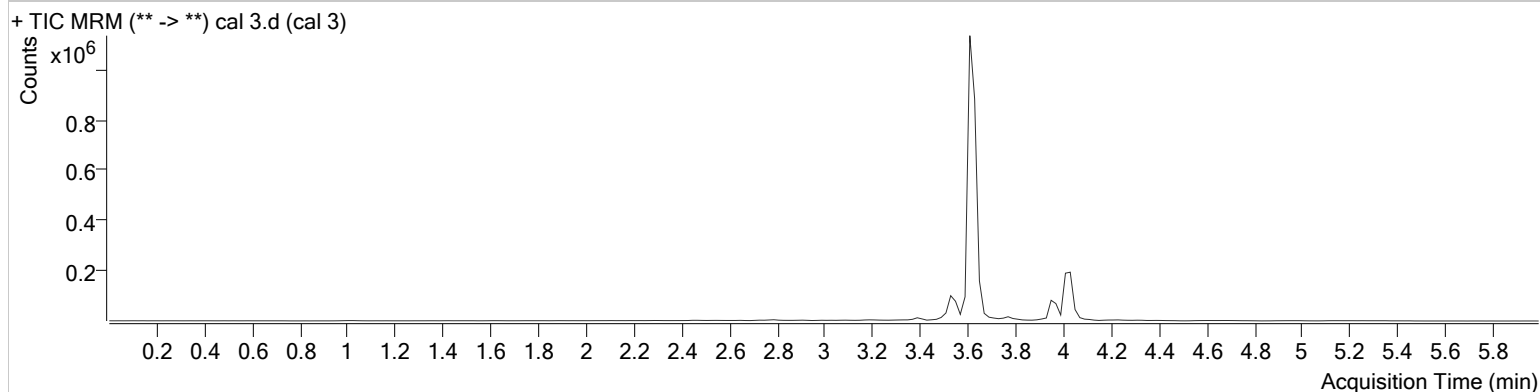
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Calibration Last Update 5/21/2019 8:23:53 AM

Instrument	69679	Data File	cal 3.d
Type	Cal	Sample	cal 3
Acq. Method	am 26 cann screen.m	Operator	Britany Wylie
Sample Position	P3-C1	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 3:05:24 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	4.040	32022	444818	4.96 ng/ml	
THC-COOH	3.548	9412	223770	4.20 ng/ml	Low
THC-OH	3.614	20224	2543602	4.83 ng/ml	

BW

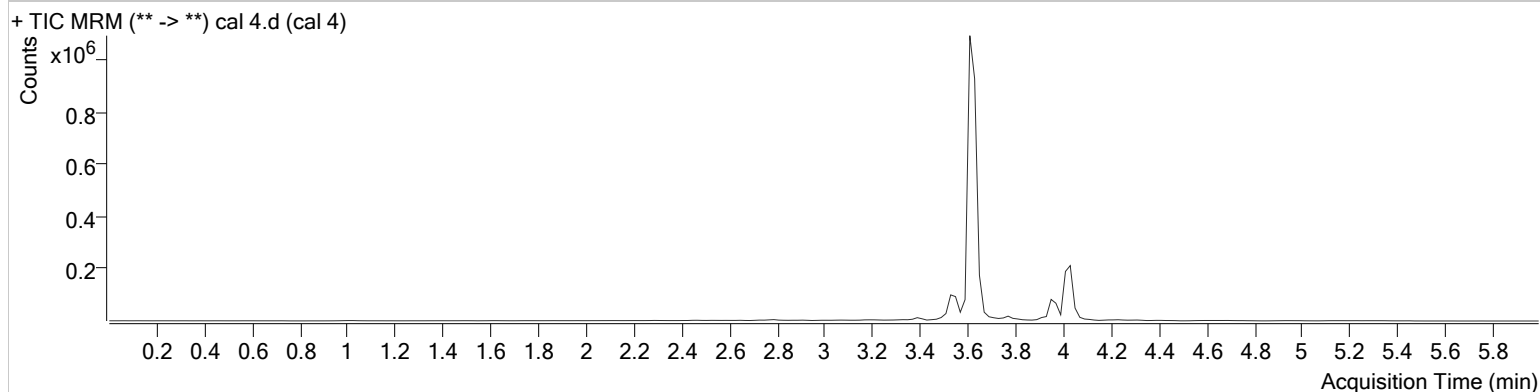
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Calibration Last Update 5/21/2019 8:23:53 AM

Instrument	69679	Data File	cal 4.d
Type	Cal	Sample	cal 4
Acq. Method	am 26 cann screen.m	Operator	Britany Wylie
Sample Position	P3-D1	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 3:12:01 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	4.040	60697	427012	9.74 ng/ml	
THC-COOH	3.548	19381	224969	8.27 ng/ml	Low
THC-OH	3.614	38660	2383580	9.71 ng/ml	

BW

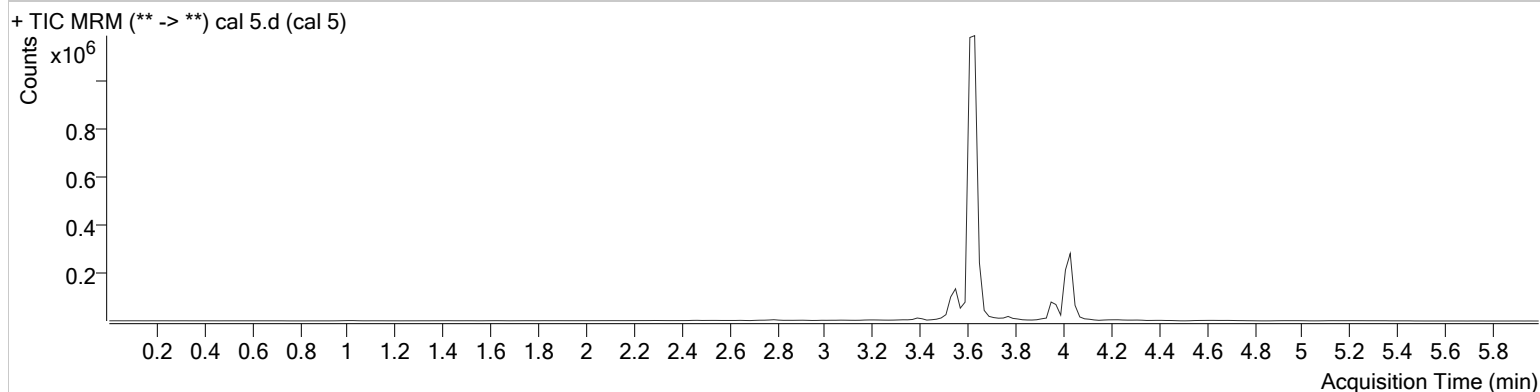
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Calibration Last Update 5/21/2019 8:23:53 AM

Instrument	69679	Data File	cal 5.d
Type	Cal	Sample	cal 5
Acq. Method	am 26 cann screen.m	Operator	Britany Wylie
Sample Position	P3-E1	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 3:18:37 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.040	159864	439291	24.85 ng/ml
THC-COOH	3.548	55046	218406	23.59 ng/ml
THC-OH	3.634	97632	2326584	24.89 ng/ml

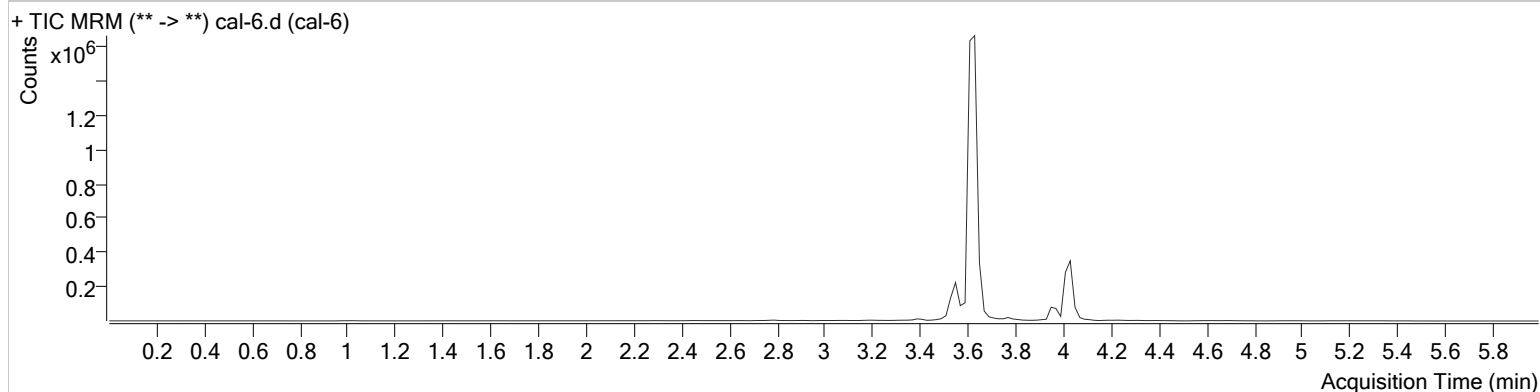
BW

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Calibration Last Update 5/21/2019 8:23:53 AM

Instrument	69679	Data File	cal-6.d
Type	Cal	Sample	cal-6
Acq. Method	am 26 cann screen.m	Operator	Britany Wylie
Sample Position	P3-F1	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 3:25:14 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.040	323997	438563	50.39 ng/ml
THC-COOH	3.548	124637	229820	50.39 ng/ml
THC-OH	3.634	208296	2540674	48.50 ng/ml

BW

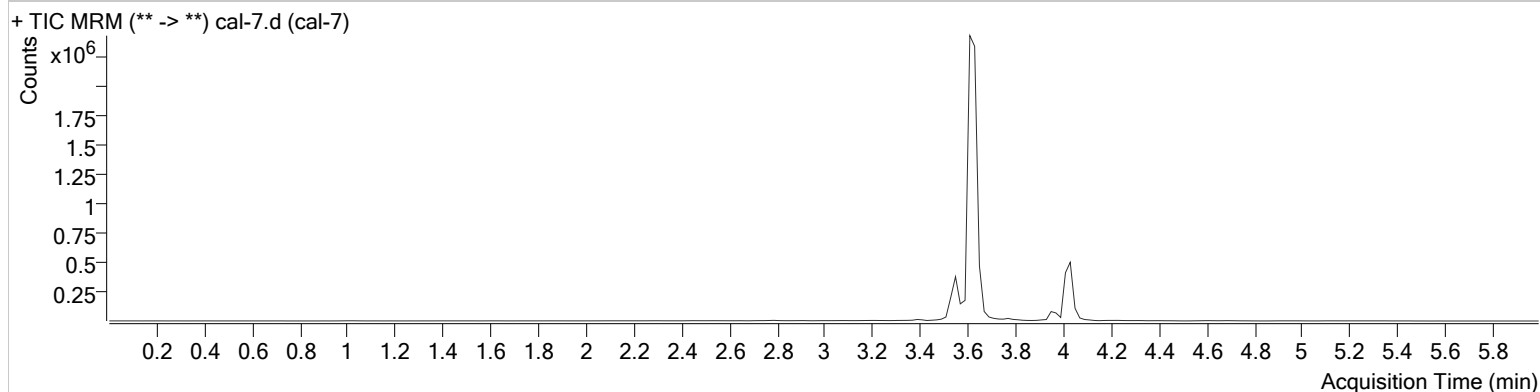
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Calibration Last Update 5/21/2019 8:23:53 AM

Instrument	69679	Data File	cal-7.d
Type	Cal	Sample	cal-7
Acq. Method	am 26 cann screen.m	Operator	Britany Wylie
Sample Position	P3-G1	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 3:31:51 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.040	628967	429392	99.85 ng/ml
THC-COOH	3.548	263059	243947	99.88 ng/ml
THC-OH	3.614	423301	2543800	98.30 ng/ml

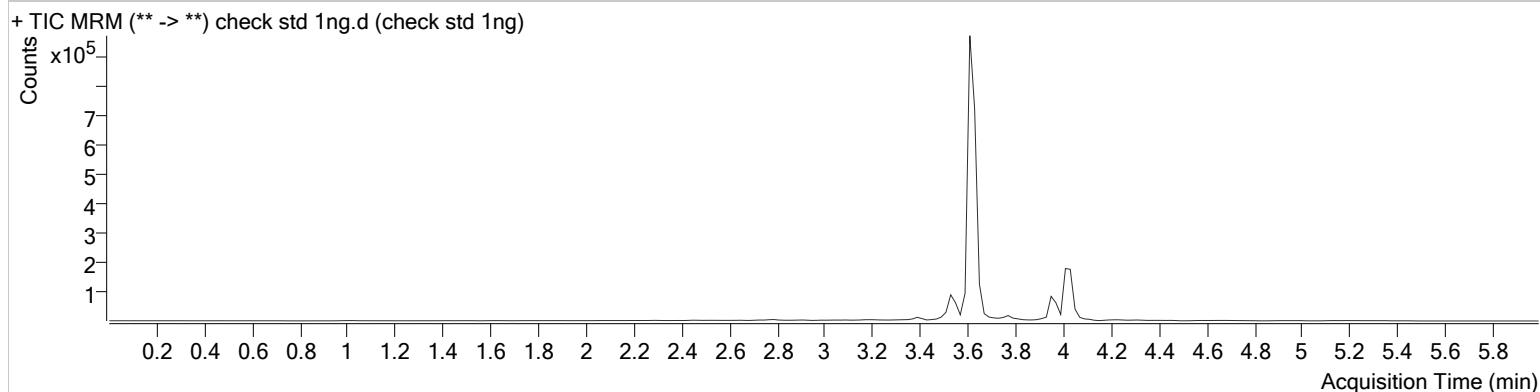
BW

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Calibration Last Update 5/21/2019 8:23:53 AM

Instrument	69679	Data File	check std 1ng.d
Type	QC	Sample	check std 1ng
Acq. Method	am 26 cann screen.m	Operator	Britany Wylie
Sample Position	P3-A1	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 2:52:08 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	4.040	7514	433036	1.24 ng/ml	Low
THC-COOH	3.548	1823	202934	1.14 ng/ml	Low
THC-OH	3.614	2492	2266901	0.79 ng/ml	Low

BW

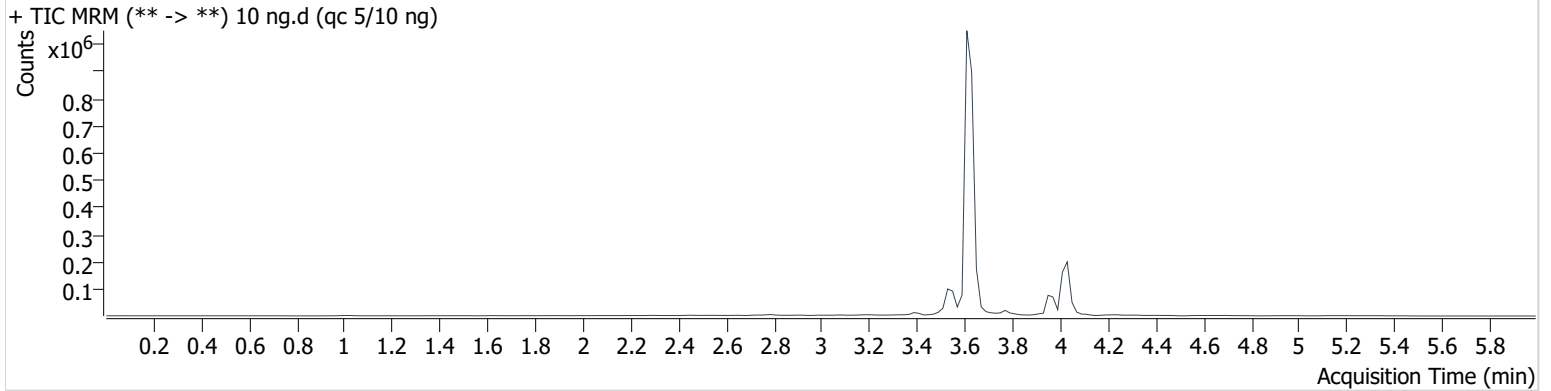
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2019\am 25-26\052019\QuantResults\cann scr.batch.bin
Calibration Last Update 5/29/2019 4:22:08 PM

Instrument	69679	Data File	10 ng.d
Type	QC	Sample	qc 5/10 ng
Acq. Method	am 26 cann screen.m	Operator	Britany Wylie
Sample Position	P3-H1	Comment	
Injection Volume	5		
Acq. Date-Time	5/20/2019 3:44:59 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.040	29671	425173	4.8360 ng/ml
THC-COOH	3.550	24660	230343	10.7592 ng/ml
THC-OH	3.615	21191	2474728	5.1656 ng/ml

BW