4/22/2024

REVIEWED
By Britany Wylie at 9:15 am, Apr 26, 2024

Worklist: 6784

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2024-0641	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0682	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0691	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0692	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0693	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0710	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0713	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0715	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0717	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0719	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0728	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0744	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ
C2024-0745	1	UCK	AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ
C2024-0756	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0758	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0759	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
C2024-0766	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: 4/23/24
Plate lot#: 231213
Mobile phase A: 10mM Amm Form
Blank Blood Lot: 23J52629
LCMS-QQQ ID: 69679

Analyst: Anne Nord
Plate Retest Date: 6/13/2024
Mobile phase B: 0.1% Formic Acid in MeOH
Blank Urine Lot: 1324
Column: Agilent Phenyl Hexyl (4.6x50mm, 2.7um)

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: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.
☒ 3. Using a calibrated pipette, pipette **250µL blood and urine** (if applicable) into wells of analytical (standards) plate. **Pipette ID: P31168J**
☒ 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer **200-450µL of blood+base and urine+base (if applicable)** mixture to corresponding wells of SLE+ plate. Amount transferred: *300*
☒ 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 **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. ☒ If run contains urine or at the analyst's discretion, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying (optional). SPE Dry ID: 66819
☒ 16. Reconstitute in **100µL 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 of 5 or greater or 2-5 for discretionary range.
☒ 4. Did all QCs pass for each analyte? If no, describe issue in comments (below).
☒ 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:
C2024-0436-1 was also included with this extraction and run.

	1	2	3	4	5	6	7	8	9	10	11	12
A	cal 1	0691-2	0728-1									
B		0692-2	0756-2									744-1
C	internal urine control	0693-1	0758-1									745-1
D		0710-1	0759-1									
E	negative blood	0713-1	0766-1									
F	0436-1	0715-1	negative urine									
G	0641-1	0717-1										
H	0682-2	0719-1										

C2024-____-_

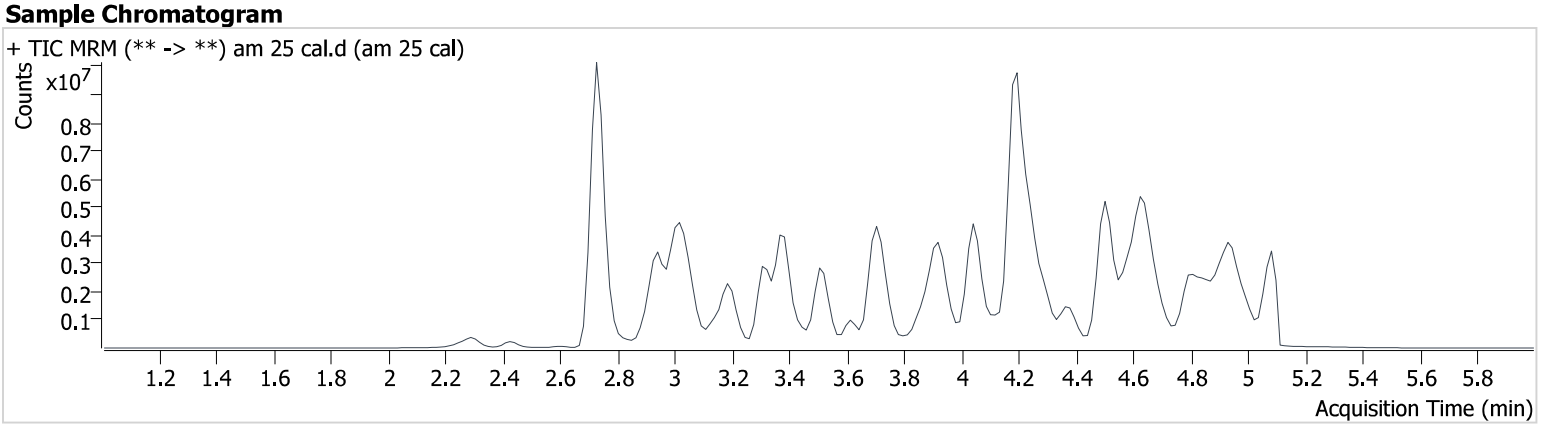
plate position 2

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 25.batch.bin
Calibration Last Update 4/23/2024 3:41:07 PM

Instrument	69679	**Data File**	am 25 cal.d
Type	Cal	**Sample**	am 25 cal
Acq. Method	mds 4324.m	**Operator**	Anne Nord
Sample Position	P2-A1	**Comment**	
Injection Volume	2.5		
Acq. Date-Time	4/23/2024 11:25:24 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
10-OH-Carbamazepine	3.865	383142	4914.8	90.7	569880	10.000
6-MAM	2.938	15369	14242.2	85.8	637662	10.000
7-aminoclonazepam	3.631	30050	13454.7	209.5	197972	10.000
7-aminoflunitrazepam	3.861	486558	205330.9	69765.6	197972	10.000
9-Hydroxyrisperidone	4.053	2563885	50300.0	58001.6	197972	10.000
Acetyl Fentanyl	3.997	135862	117.7	4517.2	3539933	10.000
Acetyl Norfentanyl	2.901	87209	386.8	316.3	10990004	10.000
a-hydroxyalprazolam	4.718	32714	121.0	569.4	569880	10.000
alpha-hydroxymidazolam	4.778	417657	201.7	271.4	3172468	10.000
alpha-PHP	3.943	921408	1754.8	765.8	2874277	10.000
alpha-PVP	3.636	509863	2601.5	245.3	2874277	10.000
Alprazolam	4.798	521572	∞	829.4	3172468	10.000
Amitriptyline	4.679	644205	140.0	250.9	3253313	10.000
Amphetamine	2.951	889118	349.5	707.1	2874277	10.000
Benzoylecgonine	3.446	18647	1239.1	194.3	104520	10.000
Bromazolam	4.868	235098	72177.3	1721.7	3172468	10.000
Brompheniramine	4.243	39555	∞	2634.5	27087403	10.000
Buprenorphine	4.927	15542	3742.4	133.1	1256027	10.000
Bupropion	3.928	1592986	954.5	862.0	6591056	10.000
Carbamazepine	4.375	2491619	1787.1	16580.0	2785263	10.000
Carisoprodol	4.311	314432	311.7	∞	2437495	10.000
Chlordiazepoxide	4.982	230688	∞	∞	3172468	10.000
Chlorpheniramine	4.124	2341016	36700.4	8669.7	4335475	10.000
Chlorpromazine	4.918	599809	249.2	154328.4	3665911	10.000
Citalopram	4.288	1135473	808.1	183600.2	27087403	10.000
Clomimpramine	4.919	800121	177.6	1638.5	1792639	10.000
Clonazepam	4.643	102026	41276.0	18687.0	28816	10.000
Clonazolam	4.531	131846	30926.7	15290.0	569880	10.000
clozapine	4.641	1369531	284754.5	304132.2	7396569	10.000
Cocaethylene	3.921	1089842	775.0	259948.7	7226966	10.000
Cocaine	3.706	1194217	528017.7	143.1	7226966	10.000
Codeine	2.834	142801	25648.3	714.9	2785263	10.000
Cyclobenzaprine	4.587	1051496	403.2	39.5	3253313	10.000
Desipramine	4.619	1406469	6376.0	2189.8	3253313	10.000

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Dextromethorphan	4.233	620010	158423.3	151782.5	4335475	10.000
Dextrorphan	3.449	773719	8150.2	247304.9	2874277	10.000
Diazepam	5.060	392675	360.3	839.0	3172468	10.000
Dihydrocodeine	2.725	297332	979.4	4432.2	2785263	10.000
Dimethyltriptamine	3.024	778764	419.2	508.6	2874277	10.000
Diphenhydramine	4.204	3227142	1380.2	1274.6	27087403	10.000
Doxepin	4.371	728485	379932.6	203.2	7396569	10.000
Doxylamine	3.739	2632749	437.2	1351.9	2874277	10.000
Duloxetine	4.569	28740	10272.2	338.7	1792639	10.000
EDDP	4.231	110017	7067.8	25403.8	778328	10.000
Estazolam	4.708	1033124	354.1	1986.0	3172468	10.000
Etizolam	4.778	58368	15252.2	54739.2	3172468	10.000
Fentanyl	4.257	114576	228.3	44.0	6739728	10.000
Flualprazolam	4.626	203087	61716.9	187759.7	3172468	10.000
Flunitrazepam	4.751	515941	1063.4	475.2	569880	10.000
Fluorofentanyl	4.301	108660	33076.4	96.5	6739728	10.000
Fluoxetine	4.537	1010770	12805.4	173.0	1792639	10.000
Flurazepam	4.392	1132052	399039.0	77720.8	1256027	10.000
Hydrocodone	3.062	417369	464.0	244.9	2785263	10.000
Hydromorphone	2.428	305981	2154.3	3712.5	96674	10.000
hydroxyzine	4.791	1756283	552570.5	362806.4	7396569	10.000
Imipramine	4.632	2362600	13628.4	1197.1	3253313	10.000
Ketamine	3.697	753505	3546.5	119.1	4271722	10.000
Lamotrigine	3.710	665523	242403.0	251975.2	2874277	10.000
Levamisole	2.993	694514	248522.3	1258.7	7226966	10.000
Levetiracetam	2.600	74037	178.1	60.8	197972	10.000
Lorazepam	4.612	14265	335.0	∞	569880	10.000
Maprotiline	4.678	534170	327.9	182.8	3253313	10.000
MDA	3.071	1002247	269.6	294.0	8093078	10.000
MDEA	3.315	1617103	713.9	1267386.6	8093078	10.000
MDMA	3.147	1752256	9357.7	1222.5	8093078	10.000
Meperidine	3.711	763707	199.6	454.0	96674	10.000
Meprobamate	3.730	106276	213.6	24.7	2437495	10.000
Methadone	4.582	2749185	515735.5	172858.4	3539933	10.000
Methamphetamine	3.042	962807	∞	∞	8093078	10.000
Methocarbamol	3.681	38737	380.5	720.8	2437495	10.000
Methylphenidate	3.620	1860961	373.5	5127.2	6599561	10.000
Metoprolol	3.525	324918	3952.4	149933.4	2874277	10.000
Midazolam	4.932	224721	1696.7	45532.3	197972	10.000
Mirtazapine	4.172	991848	756.0	1618.3	1256027	10.000
Mitragynine	4.391	167942	40715.5	141.4	6739728	10.000
Morphine	2.261	106389	∞	140.2	96674	10.000
Norbuprenorphine	3.947	42896	123.3	10919.0	1256027	10.000
Nordiazepam	4.924	134420	298.1	761.5	3172468	10.000
Norfentanyl	3.390	2012547	4430.9	1070.6	10990004	10.000
Norhydrocodone	2.972	41219	14400.6	18.4	2785263	10.000
norketamine	3.821	147106	319.9	3728.3	4271722	10.000
Normeperidine	3.713	737988	313.0	163.7	96674	10.000
Noroxycodone	2.925	438048	∞	501.2	2785263	10.000
Nortriptyline	4.665	718526	425974.6	109.8	1792639	10.000
O-desmethyl-tramadol	2.929	2315175	13315.0	75.9	3539933	10.000
O-Desmethylvenlafaxine	3.325	671324	1011.3	13603.3	3539933	10.000
Olanzapine	3.967	814671	2545.6	2000.2	1792639	10.000
Oxazepam	4.724	75057	40.8	53.4	569880	10.000
Oxycodone	2.969	870953	42.6	4419.1	4271722	10.000
Oxymorphone	2.288	605197	718.5	1351.8	96674	10.000
Paroxetine	4.563	170772	74.2	21108.8	1792639	10.000
Phenazepam	4.838	242409	423.0	41848.3	3172468	10.000
Phencyclidine	4.036	1989942	414.0	4584.0	3539933	10.000

AM #25 Multi-Drug Screen Results

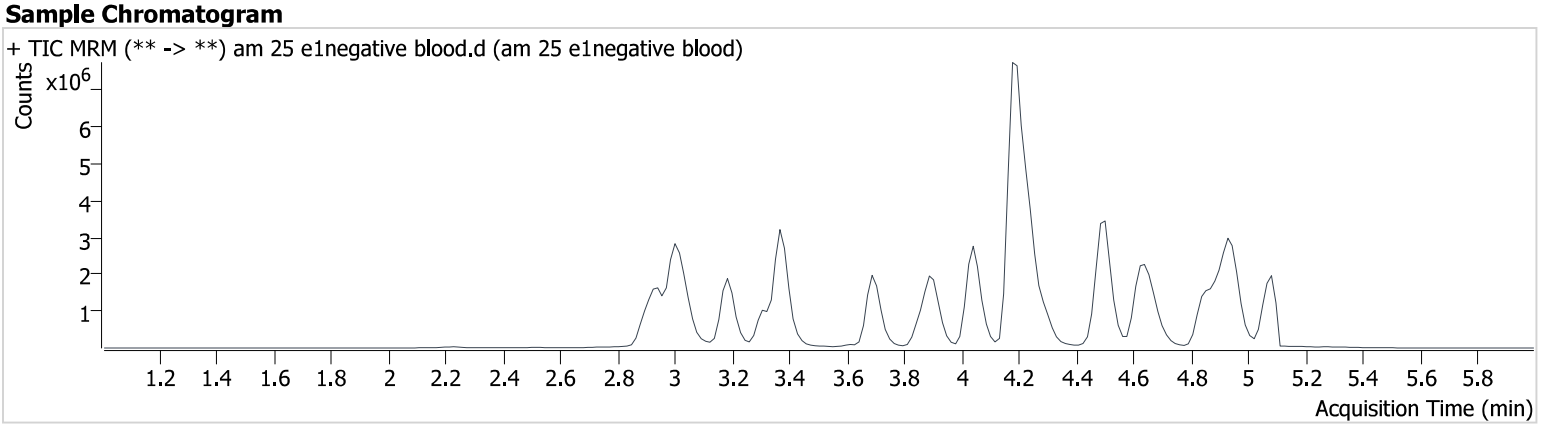
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Phentermine	3.225	652905	∞	679.7	6599561	10.000
Phenytoin	4.265	70436	13032.6	43.6	28816	10.000
primidone	3.515	912687	79520.5	1081.4	28816	10.000
Promethazine	4.585	2314121	990173.7	500.6	3253313	10.000
Pseudoephedrine	2.736	30166336	63936.4	2787.6	6599561	10.000
Quetiapine	4.806	2321847	20597.4	366558.7	4335475	10.000
Risperidone	4.253	1798823	337.4	33968.7	4335475	10.000
Sertraline	4.844	342761	3077.1	6508.0	1792639	10.000
Sufentanil	4.668	100861	20794.7	10917.4	6739728	10.000
Tapentadol	3.530	1719674	9027.6	890.5	4271722	10.000
Temazepam	4.875	671514	552.5	88.7	3172468	10.000
Topiramate	3.919	92547	43807.3	24532.1	44350	10.000
Tramadol	3.511	5366666	∞	227.6	637662	10.000
Trazodone	4.989	2200482	505705.2	441316.4	9911913	10.000
Venlafaxine	3.939	2600562	620.9	355.3	3539933	10.000
Xylazine	3.437	127354	∞	8749.9	3539933	10.000
Zaleplon	4.507	547675	120873.3	1689.8	569880	10.000
Zolpidem	4.522	2985066	1512926.8	135622.4	13124716	10.000
Zopiclone	4.484	293895	2414.9	1175.0	1569391	10.000

AM #25 Multi-Drug Screen Results

Batch results	D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 25.batch.bin
Calibration Last Update	4/23/2024 3:41:07 PM

Instrument	69679	**Data File**	am 25 e1negative blood.d
Type	Sample	**Sample**	am 25 e1negative blood
Acq. Method	mds 4324.m	**Operator**	Anne Nord
Sample Position	P2-E1	**Comment**	
Injection Volume	2.5		
Acq. Date-Time	4/23/2024 11:39:02 AM		
Sample Info.			

Sample Chromatogram

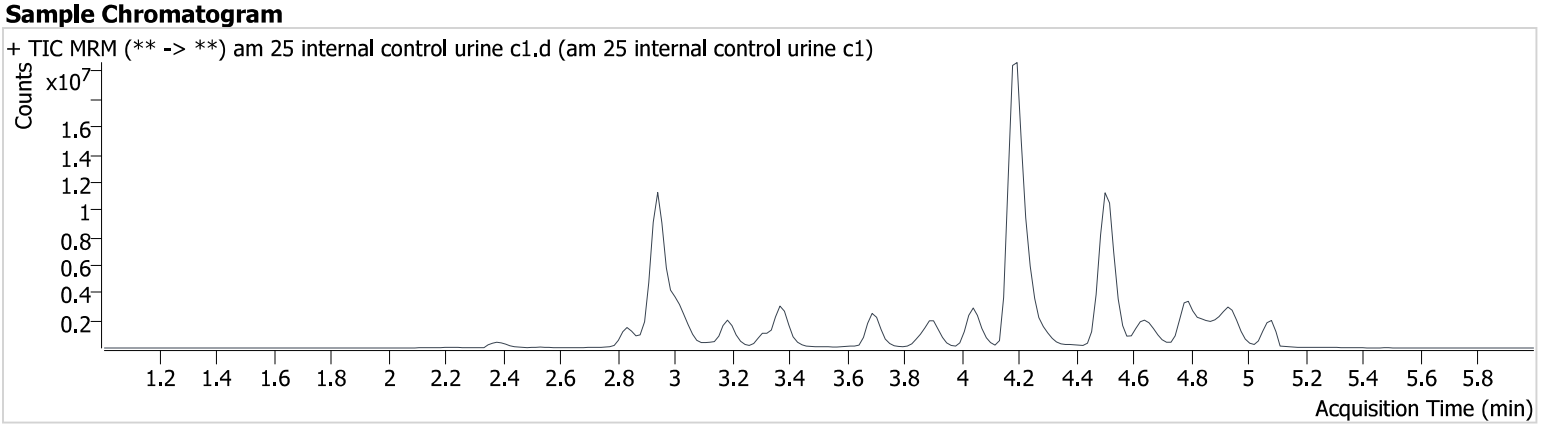


AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 25.batch.bin
Calibration Last Update 4/23/2024 3:41:07 PM

Instrument	69679	**Data File**	am 25 internal control urine c1.d
Type	Sample	**Sample**	am 25 internal control urine c1
Acq. Method	mds 4324.m	**Operator**	Anne Nord
Sample Position	P2-C1	**Comment**	
Injection Volume	2.5		
Acq. Date-Time	4/23/2024 11:32:18 AM		
Sample Info.			

Sample Chromatogram



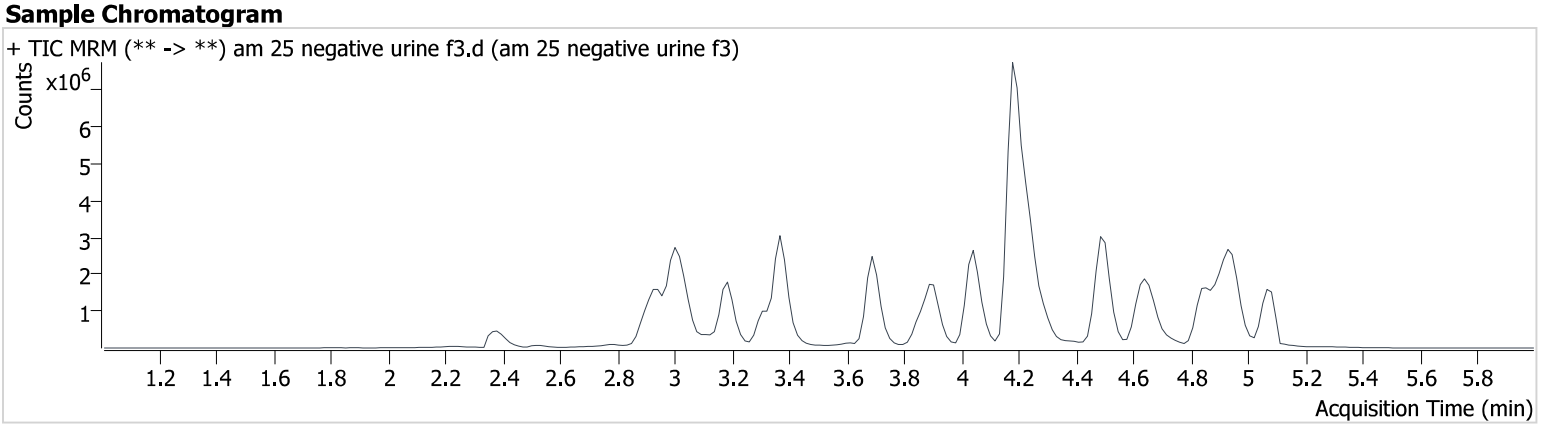
Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Alprazolam	4.798	6421668	2591.8	1282.7	3261543	119.759
Amphetamine	2.951	10194716	1447.3	1970.3	2592089	127.144
Codeine	2.834	1627592	12089.7	13482.0	2839409	111.803
Diphenhydramine	4.204	38291446	2615.6	1458.6	25214012	127.470
Zolpidem	4.522	25760266	19020473.7	355.8	10458984	108.292

AM #25 Multi-Drug Screen Results

Batch results	D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 25.batch.bin
Calibration Last Update	4/23/2024 3:41:07 PM

Instrument	69679	**Data File**	am 25 negative urine f3.d
Type	Sample	**Sample**	am 25 negative urine f3
Acq. Method	mds 4324.m	**Operator**	Anne Nord
Sample Position	P2-F3	**Comment**	
Injection Volume	2.5		
Acq. Date-Time	4/23/2024 1:33:31 PM		
Sample Info.			

Sample Chromatogram



AM# 26: Screening of THC and Metabolites in Blood and Urine by LC-MS/MS

Extraction Date: 4/23/24
Plate lot#: 231212
Mobile phase A: 10mM Amm Form in LCMS water
Blank Blood Lot: 24C52042
LCMS-QQQ ID: 69679

Analyst: Anne Nord
Plate Retest Date: 6/12/2024
Mobile phase B: 0.1% Formic acid in MeOH
Blank Urine Lot: 1324
Column: Agilent Phenyl Hexyl (4.6x50mm, 2.7um)

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 1.5mL urine to blank plate, add 250µl 1N KOH. Shake and incubate at 40 degrees for 15 minutes.
☒ 3. Using a calibrated pipette, pipette 1000µL blood or 1000µL hydrolyzed urine in wells of analytical (standards) plate. **Pipette ID: I41142J**
☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 4. Add **500µL of 0.1% formic acid in water to blood samples, and 500µL of saturated phosphate buffer to urine samples** in the wells of the analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer **700-800µL of blood+acid or urine+acid** mixture to corresponding wells of SLE+ plate. Amount transferred: **800 µL**
☒ 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 **2.25mL 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 **2.25mL 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.
☒ 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.
☒ 2. Make any necessary integration changes, R^2 values ≥0.98 for each analyte
☒ 3. RT +/- 2% or 0.100 min, whichever is greater
☒ 4. Confirmation testing on case samples with a response for THC and OH-THC of 3ng/mL or greater and/or Carboxy-THC at 10ng/mL or greater (analyst discretion between 5-10ng/mL) may be pursued.
☒ 5. Did all QCs pass for each analyte? (if not, describe in comments section)
☒ 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

The wrong position was injected for the negative urine. on 4-46-24 the correct well was reconstituted and injected, that injection was evaluated.

A 4/26/24

	1	2	3	4	5	6
a	cal 1	Internal control urine	0713-1	0766-1		
b	cal 2	negative blood	0715-1	negative urine		
c	cal 3	0641-1	0717-1	0744-1		
d	cal 4	0682-2	0719-1	0745-1		
e	cal 5	0691-2	0728-1			
f	cal 6	0692-2	0756-2			
g	cal 7	0693-1 mixing plate	0758-1 mixing plate	0693-1 SLE and injection		
h	Internal control (blood)	0710-1	0759-1		0758-1 SLE and Injection	

Plate position 3

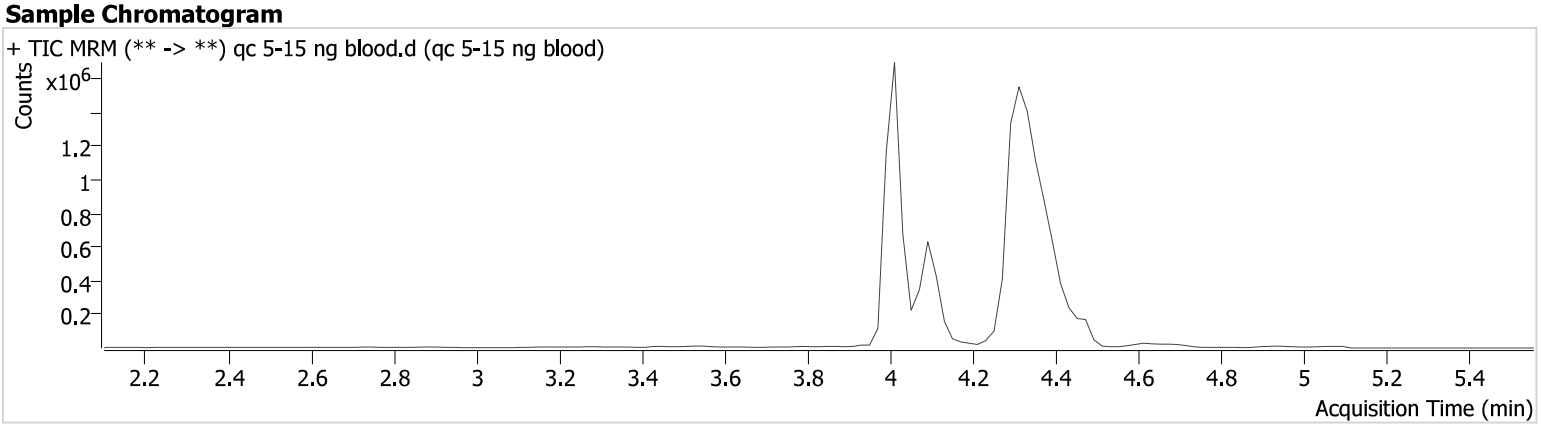
c2024-____-_

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 AM

Instrument	69679	**Data File**	qc 5-15 ng blood.d
Type	QC	**Sample**	qc 5-15 ng blood
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-H1	**Comment**	
Injection Volume	5		
Acq. Date-Time	4/23/2024 3:12:59 PM		
Sample Info.			

Sample Chromatogram



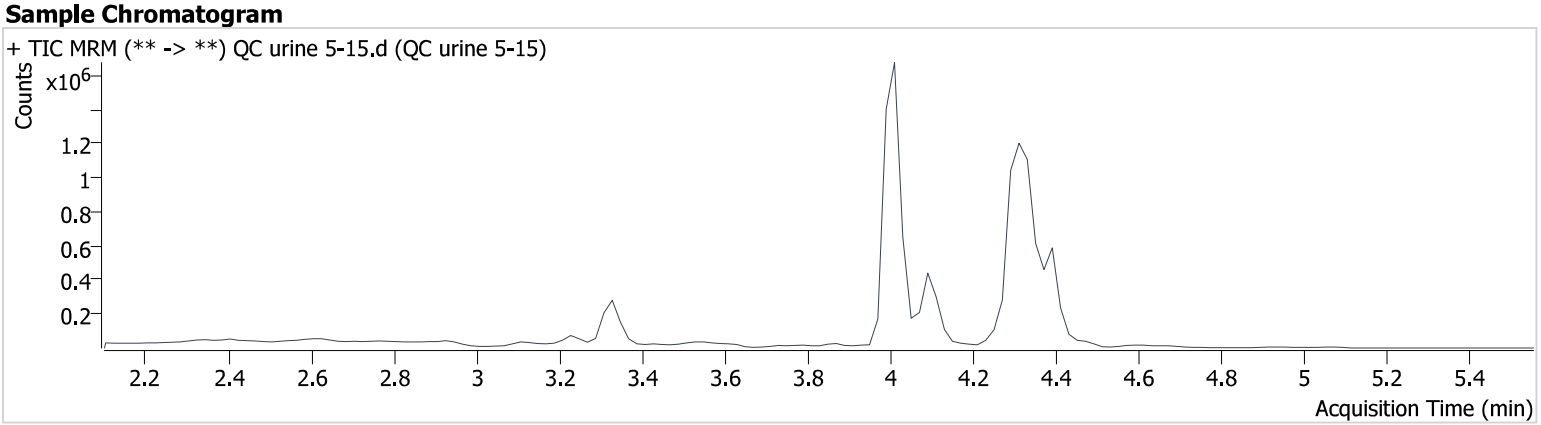
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.405	10176	215188	5.429 ng/ml
THC-COOH	4.113	195186	1104745	14.081 ng/ml
THC-OH	4.019	35379	4475239	5.046 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 AM

Instrument	69679	**Data File**	QC urine 5-15.d
Type	QC	**Sample**	QC urine 5-15
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-A2	**Comment**	
Injection Volume	5		
Acq. Date-Time	4/23/2024 3:19:28 PM		
Sample Info.			

Sample Chromatogram



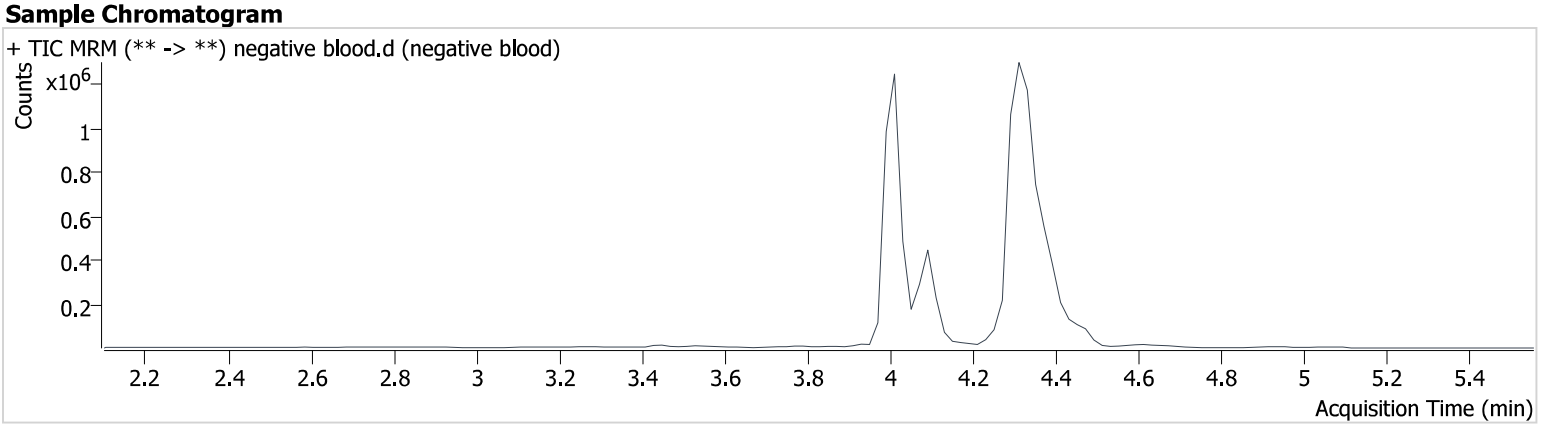
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.405	37354	831722	5.166 ng/ml
THC-COOH	4.113	140225	773435	14.459 ng/ml
THC-OH	4.019	35432	4507562	5.017 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 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-B2	**Comment**	
Injection Volume	5		
Acq. Date-Time	4/23/2024 3:25:56 PM		
Sample Info.			

Sample Chromatogram

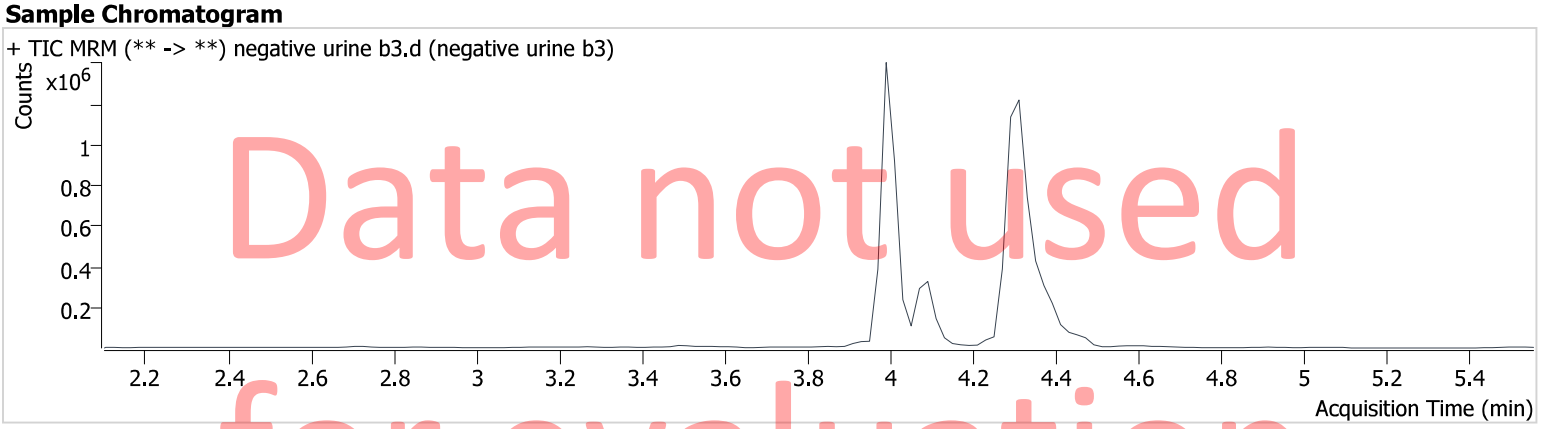


AM #26 Cannabinoids Screen Results

Batch results	D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update	4/24/2024 10:51:53 AM

Instrument	69679	**Data File**	negative urine b3.d
Type	Sample	**Sample**	negative urine b3
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-B3	**Comment**	
Injection Volume	5		
Acq. Date-Time	4/23/2024 5:09:30 PM		
Sample Info.			

Sample Chromatogram



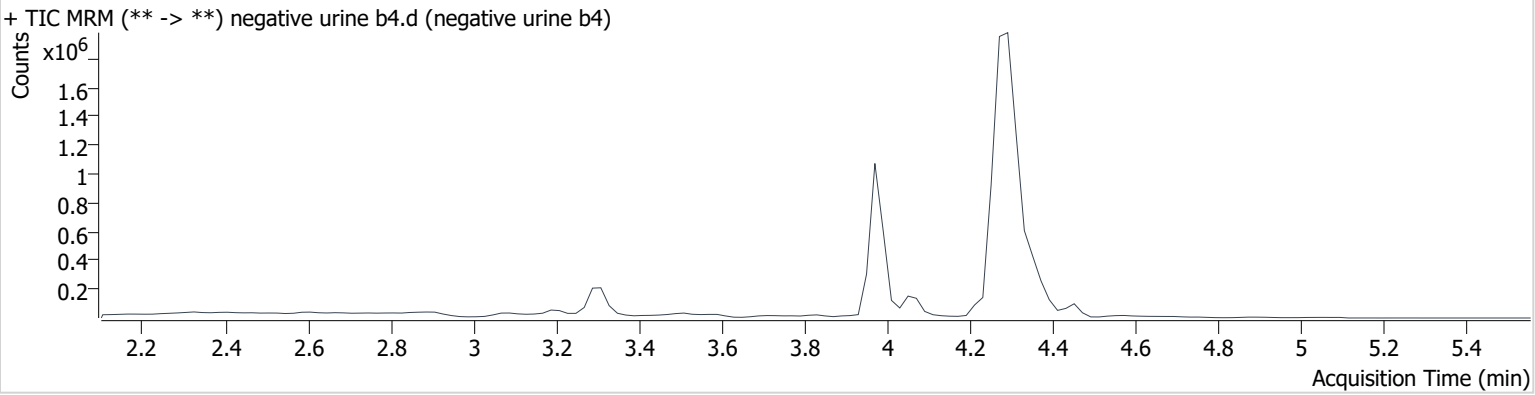
The wrong well was injected. This sample was reconstituted and injected on 4/26/24 that sample will be evaluated. AMN 4/26/24

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/26/2024 9:49:24 AM

Instrument	69679	**Data File**	negative urine b4.d
Type	Sample	**Sample**	negative urine b4
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-B4	**Comment**	
Injection Volume	5		
Acq. Date-Time	4/26/2024 9:30:13 AM		
Sample Info.			

Sample Chromatogram



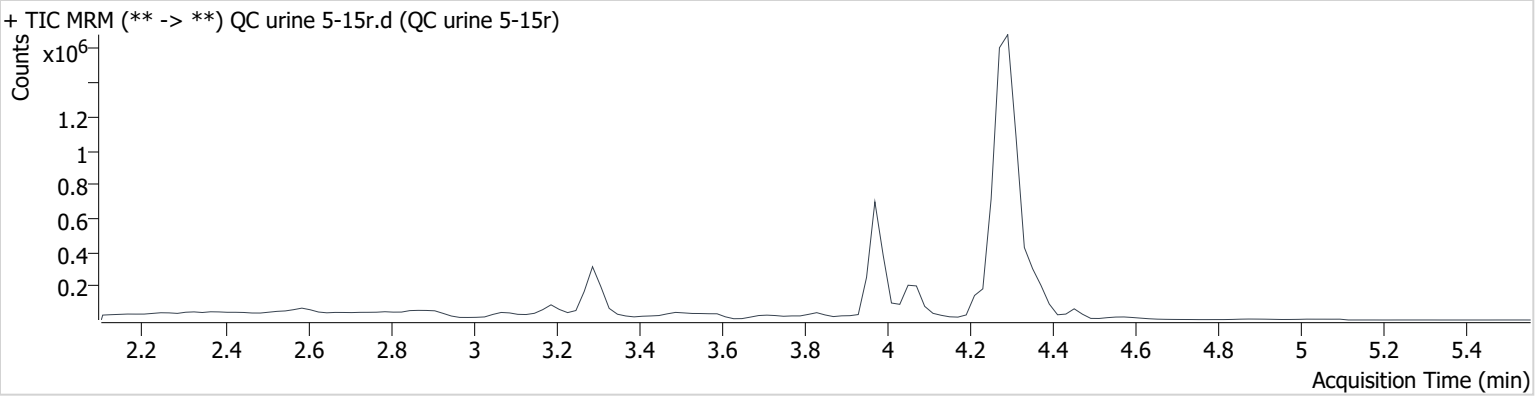
added 4/26/24 AMN

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/26/2024 9:49:24 AM

Instrument	69679	**Data File**	QC urine 5-15r.d
Type	QC	**Sample**	QC urine 5-15r
Acq. Method	am 26 cann scr 5-5-20.m	**Operator**	Anne Nord
Sample Position	P3-A2	**Comment**	
Injection Volume	5		
Acq. Date-Time	4/26/2024 9:36:51 AM		
Sample Info.			

Sample Chromatogram

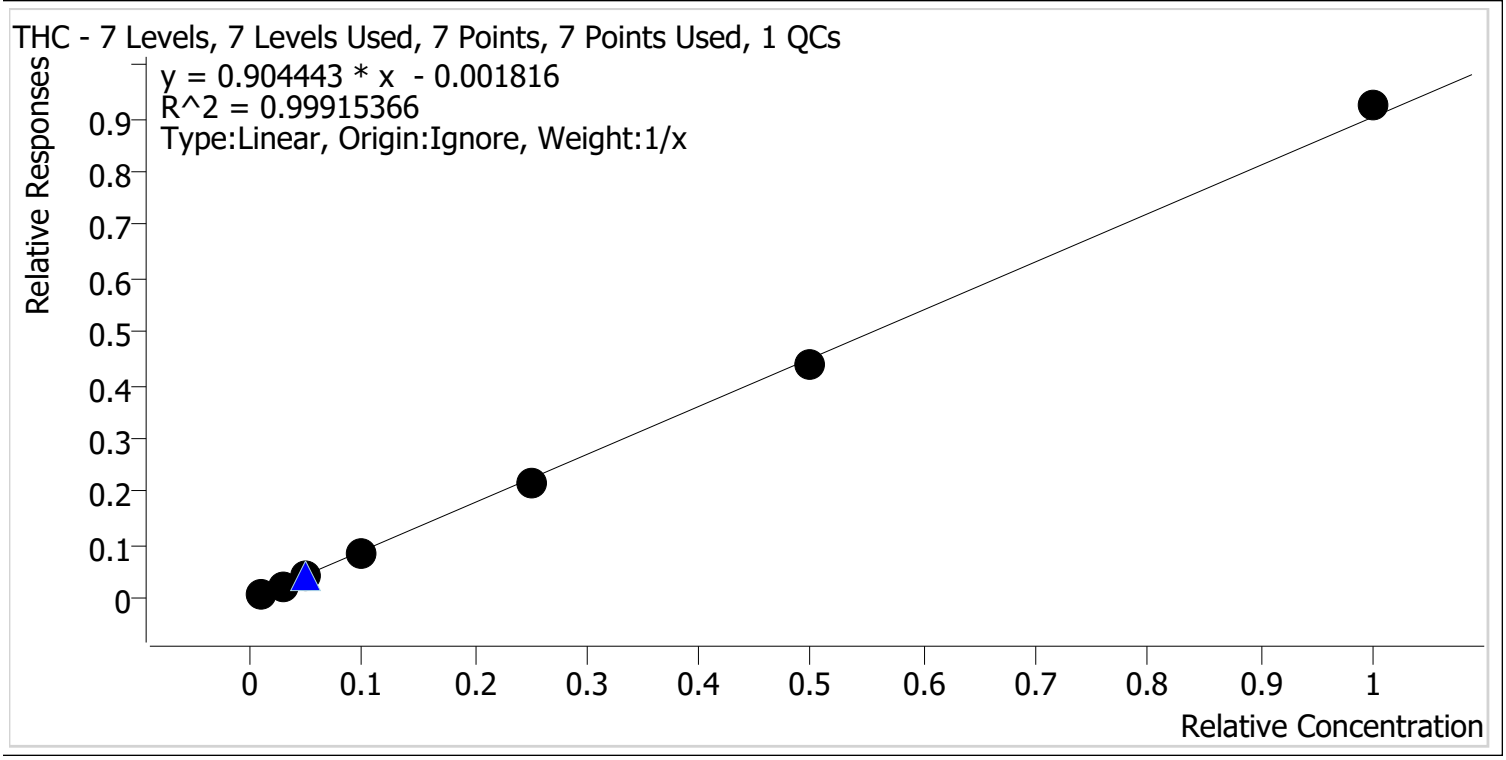


Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.365	8916	214153	4.804 ng/ml
THC-COOH	4.073	64689	387181	13.294 ng/ml
THC-OH	3.979	11768	1543942	4.867 ng/ml

added 4/26/24 AMN

Compound Calibration Report

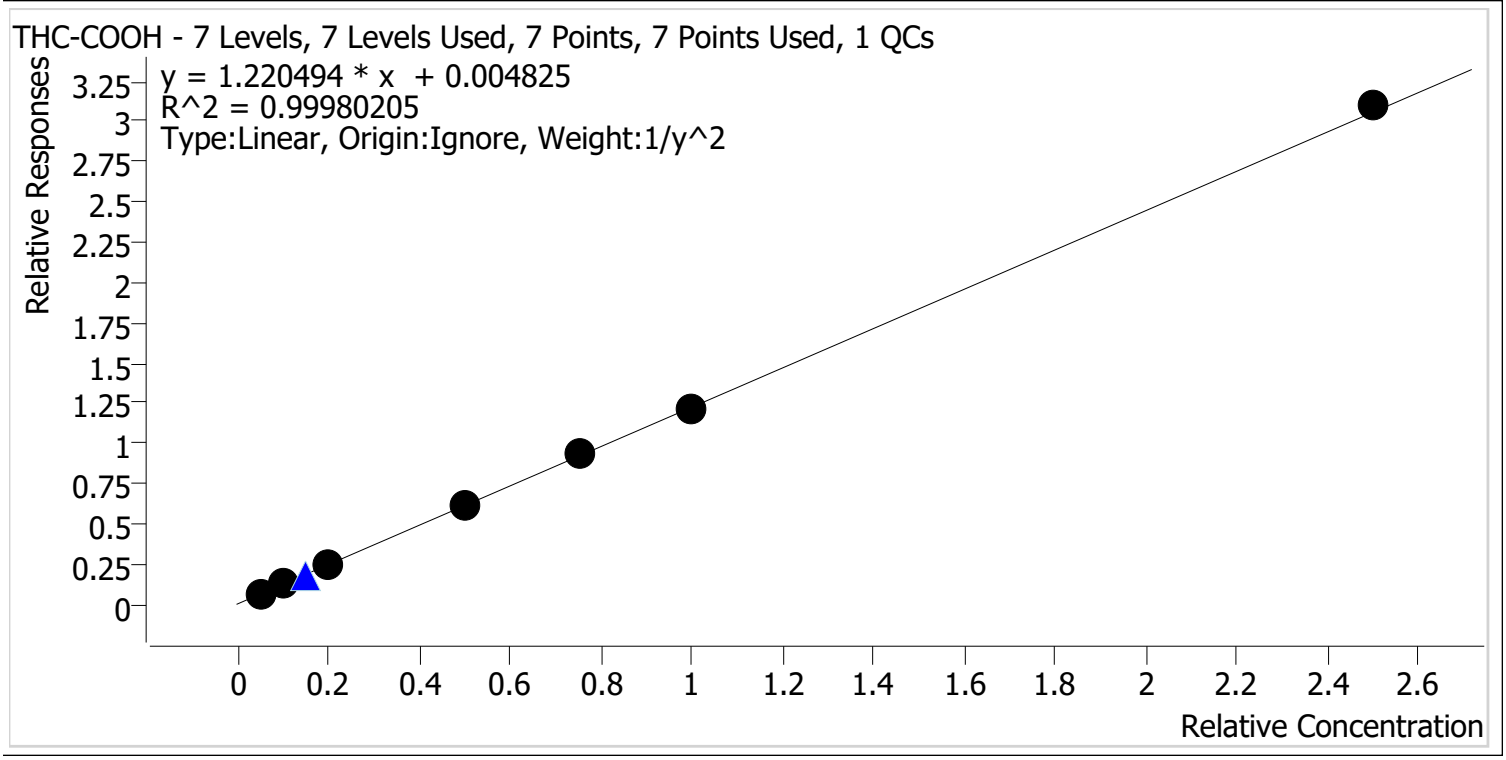
Batch results	D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Last Cal. Update	4/24/2024 10:51 AM
Analyst Name	ISP\datastor
Analyte	THC
Internal Standard	THC-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✔	1.0	1.1	112.2
cal 2	2	✔	3.0	2.8	94.9
cal 3	3	✔	5.0	4.9	98.7
cal 4	4	✔	10.0	9.7	97.0
cal 5	5	✔	25.0	24.3	97.4
cal-6	6	✔	50.0	48.7	97.4
cal-7	7	✔	100.0	102.4	102.4

Compound Calibration Report

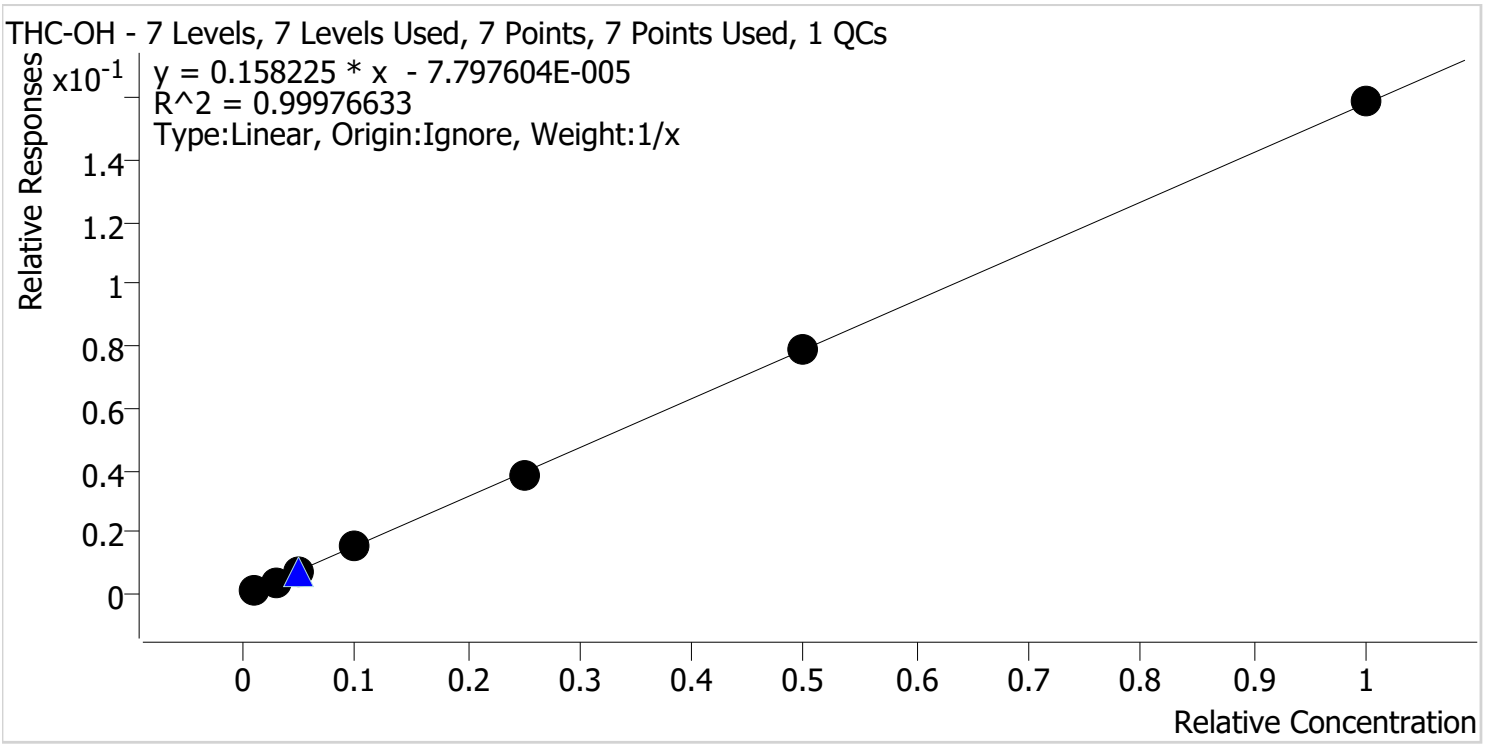
Batch results	D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Last Cal. Update	4/24/2024 10:51 AM
Analyst Name	ISP\datastor
Analyte	THC-COOH
Internal Standard	THC-COOH-d9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✔	5.0	5.0	100.5
cal 2	2	✔	10.0	10.0	99.9
cal 3	3	✔	20.0	19.7	98.4
cal 4	4	✔	50.0	49.9	99.8
cal 5	5	✔	75.0	76.0	101.4
cal-6	6	✔	100.0	98.8	98.8
cal-7	7	✔	250.0	253.4	101.3

Compound Calibration Report

Batch results	D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Last Cal. Update	4/24/2024 10:51 AM
Analyst Name	ISP\datastor
Analyte	THC-OH
Internal Standard	THC-OH-d3



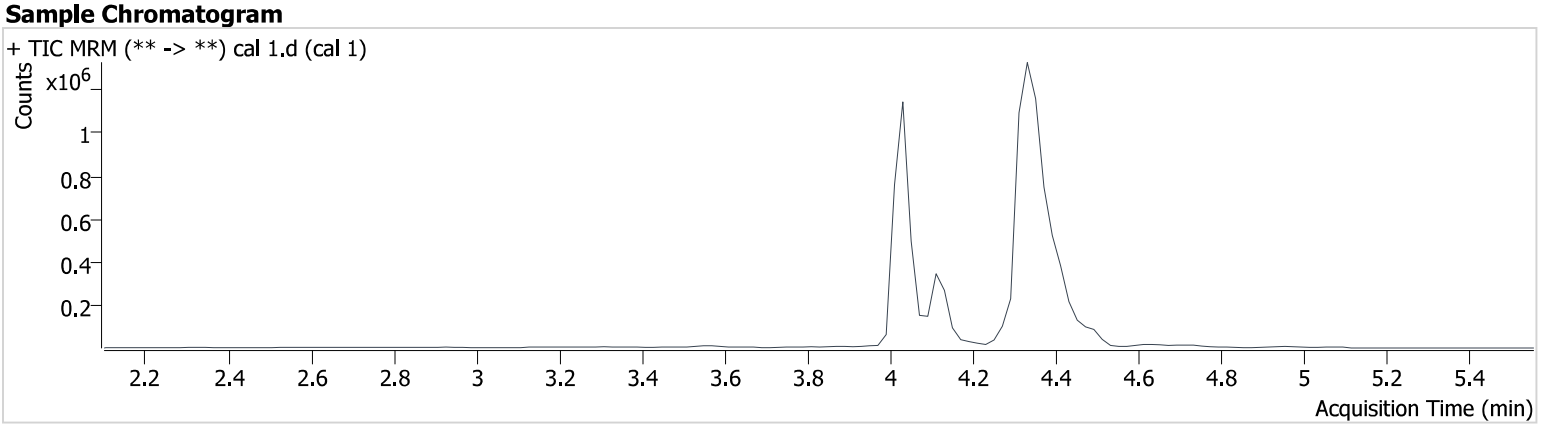
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1	1	✔	1.0	1.1	110.9
cal 2	2	✔	3.0	2.8	92.9
cal 3	3	✔	5.0	4.9	97.9
cal 4	4	✔	10.0	9.9	98.7
cal 5	5	✔	25.0	24.7	98.6
cal-6	6	✔	50.0	50.3	100.6
cal-7	7	✔	100.0	100.4	100.4

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 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	4/23/2024 2:27:33 PM		
Sample Info.			

Sample Chromatogram



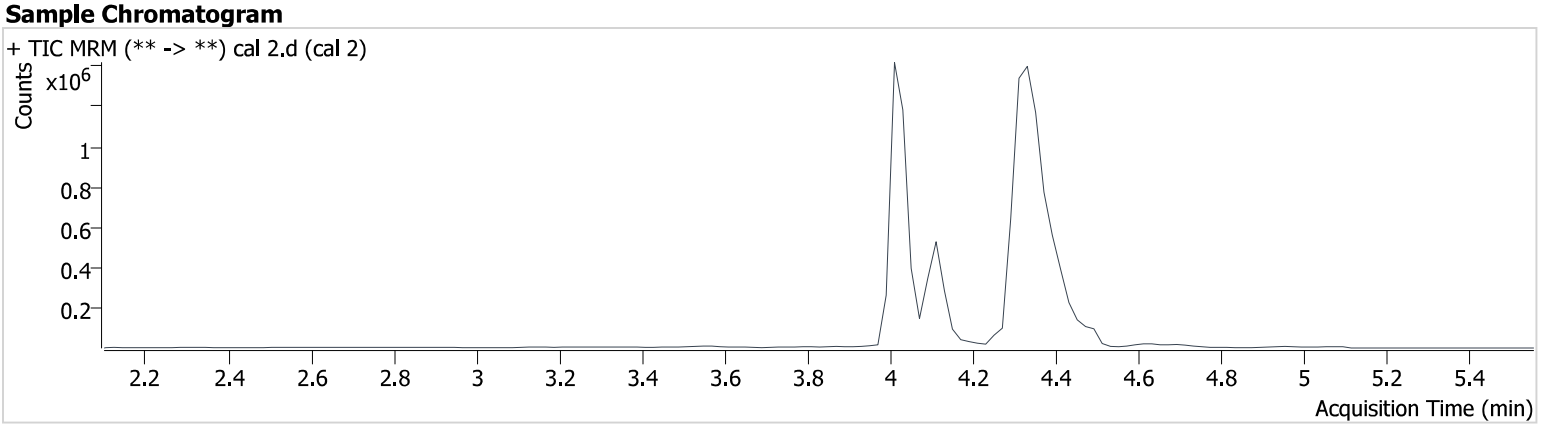
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.425	2217	265987	1.122 ng/ml **Low**
THC-COOH	4.133	51890	784550	5.024 ng/ml **Low**
THC-OH	4.039	5161	3078878	1.109 ng/ml **Low**

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 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	4/23/2024 2:34:11 PM		
Sample Info.			

Sample Chromatogram



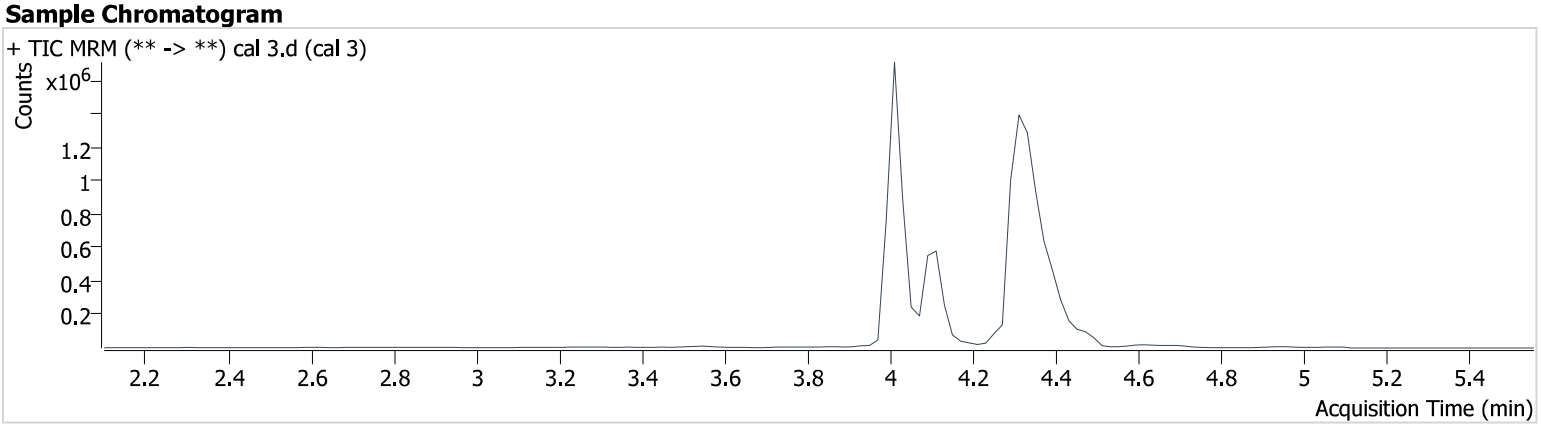
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.425	5646	235971	2.846 ng/ml **Low**
THC-COOH	4.113	134686	1062803	9.988 ng/ml **Low**
THC-OH	4.019	16941	3910482	2.787 ng/ml **Low**

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 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	4/23/2024 2:40:39 PM		
Sample Info.			

Sample Chromatogram



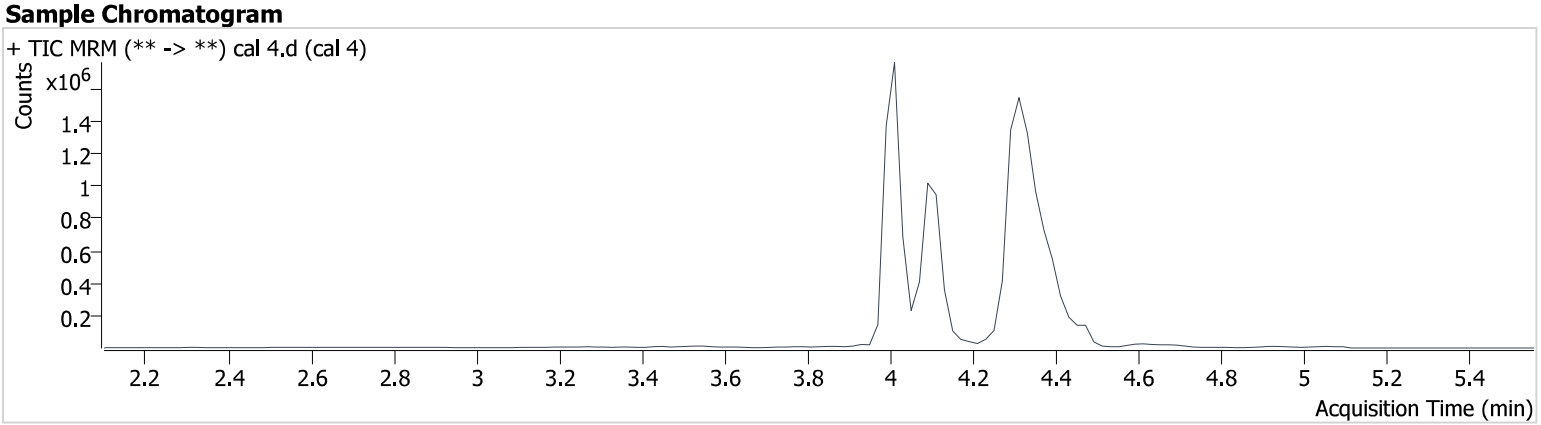
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.405	10555	246415	4.937 ng/ml
THC-COOH	4.113	267476	1091290	19.687 ng/ml
THC-OH	4.019	31498	4108741	4.894 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 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	4/23/2024 2:47:07 PM		
Sample Info.			

Sample Chromatogram



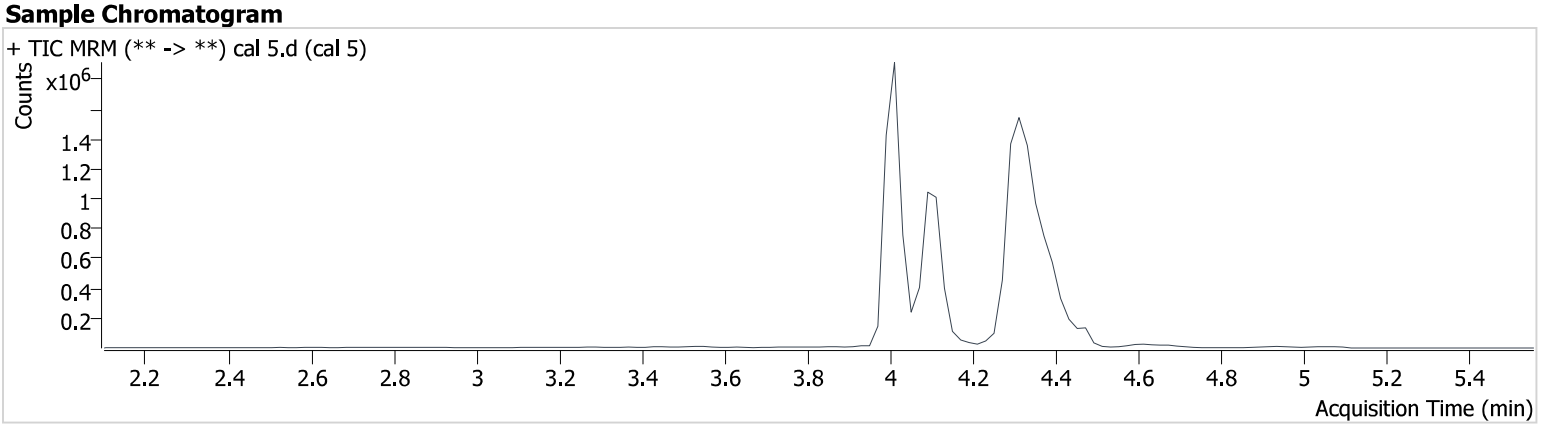
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.405	20089	233696	9.705 ng/ml
THC-COOH	4.113	739979	1204922	49.923 ng/ml
THC-OH	4.019	69638	4480665	9.872 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 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	4/23/2024 2:53:35 PM		
Sample Info.			

Sample Chromatogram



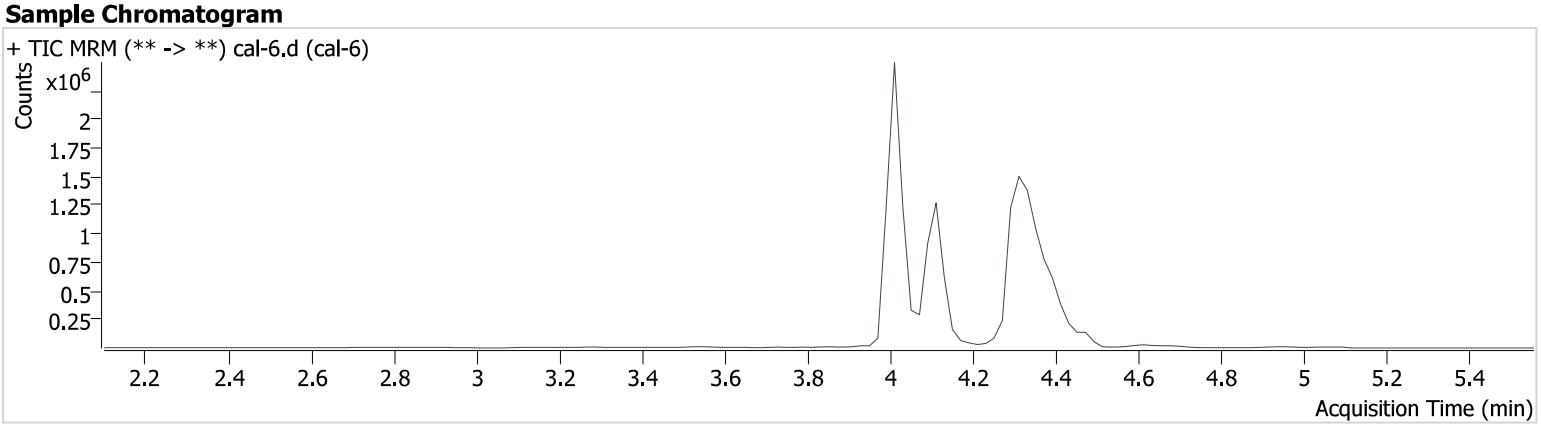
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.405	43940	201255	24.340 ng/ml
THC-COOH	4.113	887651	951431	76.046 ng/ml
THC-OH	4.019	156678	4023550	24.660 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 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	4/23/2024 3:00:03 PM		
Sample Info.			

Sample Chromatogram



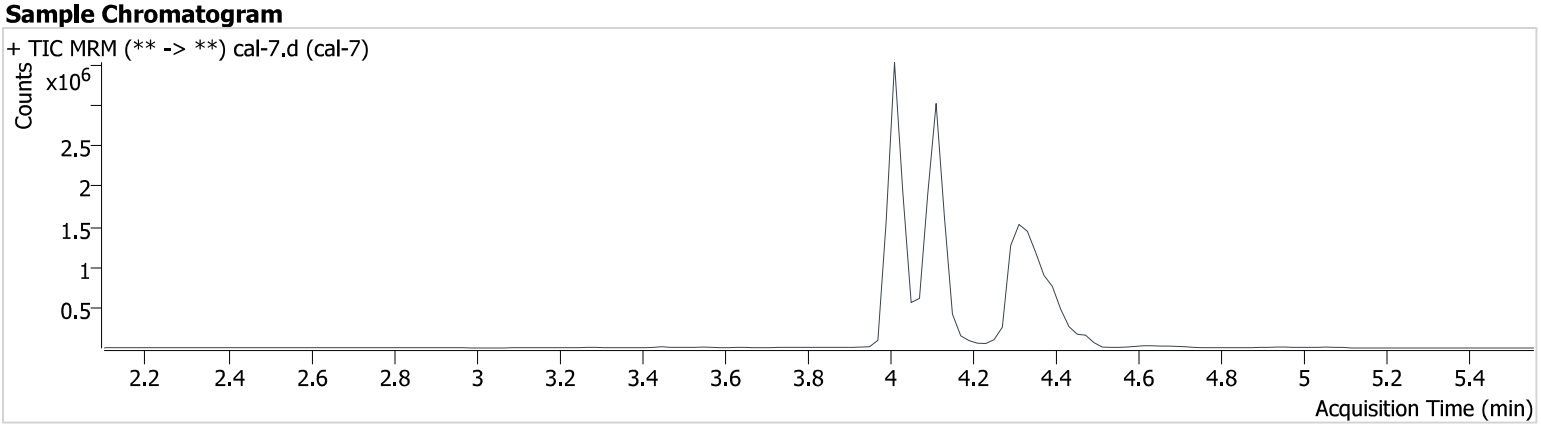
Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.405	83898	191312	48.688 ng/ml
THC-COOH	4.113	1057425	873545	98.786 ng/ml
THC-OH	4.019	297816	3745323	50.305 ng/ml

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2024\am 25-26\042324\QuantResults\am 26.batch.bin
Calibration Last Update 4/24/2024 10:51:53 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	4/23/2024 3:06:31 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	4.405	203703	220461	102.361 ng/ml
THC-COOH	4.113	2859394	923270	253.357 ng/ml
THC-OH	4.019	621693	3916501	100.373 ng/ml