REVIEWED
By Anne Nord at 11:46 am, Nov 04, 2021

TS 11/1/2021

Worklist: 5337

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2021-4482	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2021-4486	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2021-4624	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
M2021-4643	3	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3144	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3147	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3258	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3344	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3372	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3373	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3373	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3374	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3378	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3396	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3425	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3485	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3490	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3494	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3516	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3517	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3530	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

Worklist: 5337

TS

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2021-3539	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3540	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3541	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3544	2	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3550	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ
P2021-3555	1	BCK	AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ

TS

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

Extraction Date: 11-02-2021 Analyst: Tamara Salazar
Plate lot#: IDP-120-210611 Plate Re-Test Date: 12/11/2021
Mobile phase A: 10mM Amm Form **Mobile phase B:** 0.1% Formic Acid in MeOH
Instant Buffer I Ethyl Acetate LC Methanol
Blank Blood Lot: Lampire 20L20725 **Column**: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)
LCMS-QQQ ID: 069901

Pre-Analytic:

☒ 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
☒ 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.

Analytic:

☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
☒ 2. Using a calibrated pipette, pipette **250µL blood and urine** (if applicable) into wells of analytical (standards) plate.
Pipette ID: 42
☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 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: *300uL*
☒ 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, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying.
☒ 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:

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-3530-1	P2021-3378-1	P2021-3144-1
B	IS + Cal. 1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-3517-1	P2021-3374-1	M2021-4643-3
C	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-3555-1	P2021-3516-1	P2021-3373-2	M2021-4624-2
D	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-3550-1	P2021-3494-1	P2021-3373-1	M2021-4486-1
E	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-3544-2	P2021-3490-1	P2021-3372-1	M2021-4482-1
F	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-3541-1	P2021-3485-2	P2021-3344-2	Neg
G	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-3540-1	P2021-3425-1	P2021-3258-1	IS + Cal. 1
H	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2021-3539-1	P2021-3396-1	P2021-3147-1	IS + Cal. 1

All wells to contain 60 µl of residual DMSO

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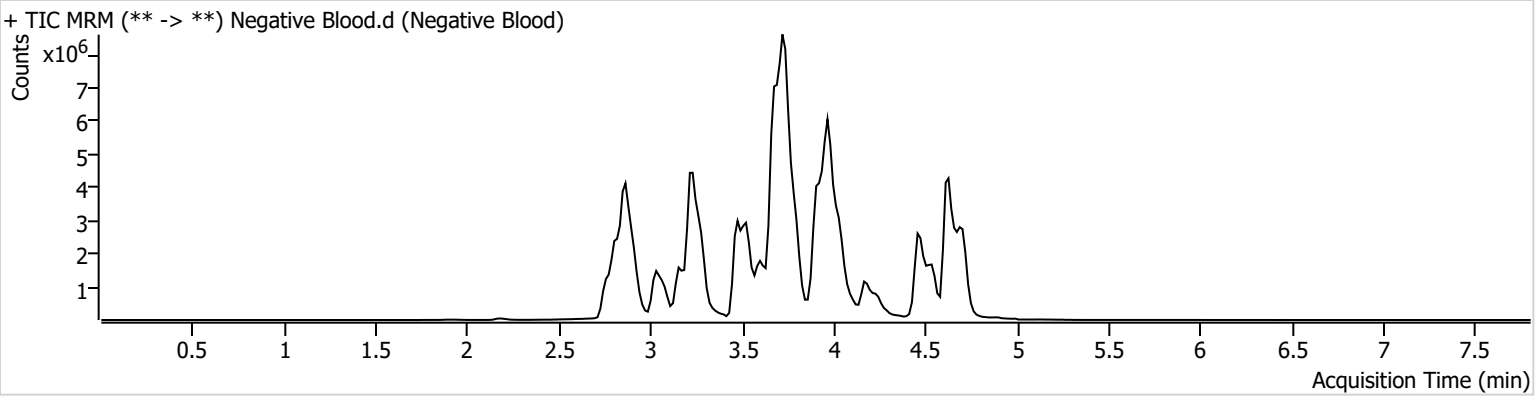
AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 11/3/2021 4:40:35 PM

Instrument	Falco (069901)	**Data File**	Negative Blood.d
Type	Sample	**Sample**	Negative Blood
Acq. Method	AM 25 MDS.m	**Operator**	Tamara Salazar
Sample Position	P6-F12	**Comment**	
Injection Volume	5		
Acq. Date-Time	11/2/2021 5:39:57 PM		
Sample Info.			

Sample Chromatogram



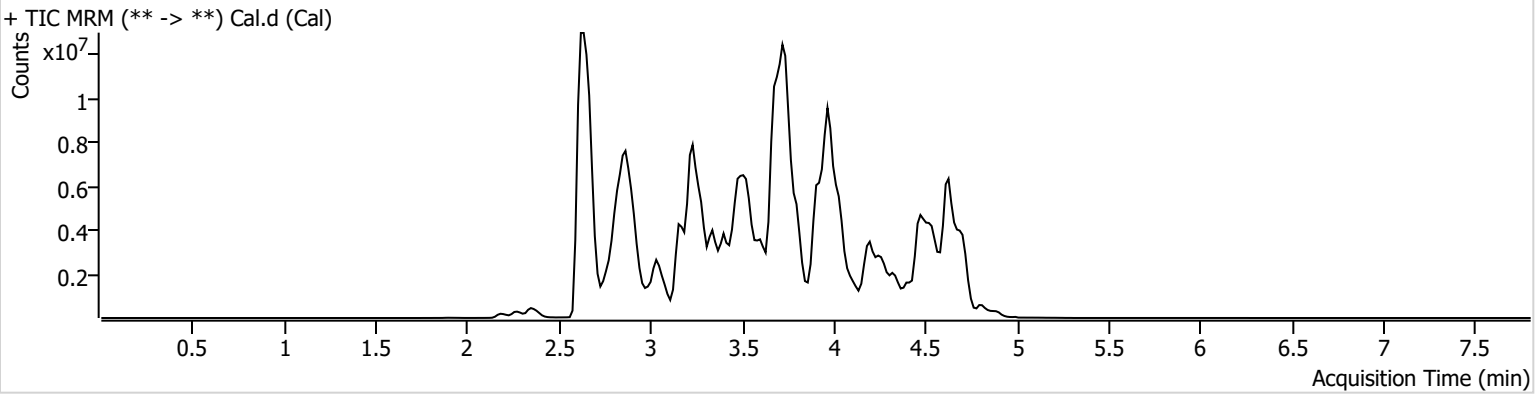
TS

AM #25 Multi-Drug Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 25.batch.bin
Calibration Last Update 11/3/2021 4:40:35 PM

Instrument	Falco (069901)	**Data File**	Cal.d
Type	Cal	**Sample**	Cal
Acq. Method	AM 25 MDS.m	**Operator**	Tamara Salazar
Sample Position	P6-H12	**Comment**	
Injection Volume	5		
Acq. Date-Time	11/2/2021 5:31:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
6-MAM	2.786	32192	14488.14	10048.81	1148908	10.0000
7-aminoclonazepam	3.541	763161	190.51	259925.80	5455018	10.0000
7-aminoflunitrazepam	3.756	2188221	80242.70	1372.97	5455018	10.0000
Acetyl Fentanyl	3.660	62414	42.94	6612.39	22495222	10.0000
Acetyl Norfentanyl	2.825	259330	729.18	310.78	22495222	10.0000
a-hydroxyalprazolam	4.490	209583	94.14	26196.56	5455018	10.0000
alpha-hydroxymidazolam	4.458	975210	68.68	148.66	5455018	10.0000
Alpha-PHP	3.683	1582596	2322.12	249.80	22495222	10.0000
alpha-PVP	3.423	3029670	3601.63	245.01	5821421	10.0000
Alprazolam	4.585	2299262	892.31	275.40	22145897	10.0000
Amitriptyline	4.297	281462	26.02	27.71	859462	10.0000
Amphetamine	2.799	1636007	467.04	1022.22	5821421	10.0000
Benzoylecgonine	3.371	207290	82752.01	26712.70	338532	10.0000
Brompheniramine	3.922	6249	344.57	103.37	20939675	10.0000
Buprenorphine	3.963	165384	282.81	19334.04	555982	10.0000
Bupropion	3.606	1772848	278.36	171.91	6396892	10.0000
Carbamazepine	4.208	9464539	∞	849.89	669229	10.0000
Carisoprodol	4.191	1050390	250586.08	56.17	5491211	10.0000
Chlordiazepoxide	4.540	801637	275.72	805.28	22145897	10.0000
Chlorpheniramine	3.818	1628691	339.81	56.85	20939675	10.0000
Citalopram	3.952	972401	148.29	6618.24	20939675	10.0000
Clomipramine	4.476	422632	63132.65	2630.21	20939675	10.0000
Clonazepam	4.415	1490221	346.16	150476.53	22145897	10.0000
Clonazolam	4.350	1405301	591836.75	132394.31	22145897	10.0000
Cocaethylene	3.691	2742405	847325.82	9642.53	16028804	10.0000
Cocaine	3.478	2786376	944729.60	832.53	16028804	10.0000
Codeine	2.699	278406	647.40	6642.92	6806871	10.0000
Cyclobenzaprine	4.220	348404	127.36	26.89	859462	10.0000
Desipramine	4.252	704477	213.53	99.27	859462	10.0000
Dextromethorphan	3.958	470278	492.93	108274.74	2489454	10.0000
Dextrorphan	3.297	1334086	728.62	1191.15	2489454	10.0000
Diazepam	4.818	1346226	2242.72	1954.91	22145897	10.0000
Dihydrocodeine	2.667	766020	1066.56	227.03	6806871	10.0000
Diphenhydramine	3.913	2682014	885.87	280.22	20939675	10.0000

TS

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Doxepin	4.018	341364	135.42	14.87	7749433	10.0000
Doxylamine	3.511	5259201	470.00	3239.99	2489454	10.0000
EDDP	3.987	764077	366.43	557.39	2405118	10.0000
Estazolam	4.510	4667212	943.05	460.12	22145897	10.0000
Etizolam	4.611	315099	104080.48	183143.39	22145897	10.0000
Fentanyl	3.889	36215	50.98	9143.34	3582433	10.0000
Flualprazolam	4.459	626365	161730.41	133133.01	22145897	10.0000
Flunitrazepam	4.538	2182859	323.01	282155.18	22145897	10.0000
Fluoxetine	4.216	437046	571.04	76.85	864164	10.0000
Flurazepam	3.995	765985	346.90	201.97	22145897	10.0000
Hydrocodone	2.882	1017406	1185.26	317.88	6806871	10.0000
Hydromorphone	2.351	1005720	700.02	1105.03	179303	10.0000
Imipramine	4.265	798165	248.57	186.25	859462	10.0000
Ketamine	3.253	2689725	1098.55	113.85	8301339	10.0000
Lamotrigine	3.405	275428	1426.08	41568.93	20939675	10.0000
Levamisole	2.841	1991114	663.98	177.90	16028804	10.0000
Levetiracetam	2.644	922070	493.79	643.43	20939675	10.0000
Lorazepam	4.414	461095	467.16	∞	22145897	10.0000
Maprotiline	4.297	198777	34.05	41.46	859462	10.0000
MDA	2.919	1174756	267.07	278.00	11438941	10.0000
MDEA	3.163	2070369	403.59	270.95	11438941	10.0000
MDMA	3.010	2877079	332.95	375.65	11438941	10.0000
Meperidine	3.483	1480631	227.97	924.43	2489454	10.0000
Meprobamate	3.639	382615	59.86	44.77	5491211	10.0000
Methadone	4.277	1304834	210.72	105.64	2405118	10.0000
Methamphetamine	2.905	2518002	373.60	185.51	11438941	10.0000
Methocarbamol	3.545	442012	650.11	168.05	2405118	10.0000
Methylphenidate	3.423	5341117	639.08	139.56	8097260	10.0000
Metoprolol	3.357	345442	19231.82	495.07	2489454	10.0000
Midazolam	4.321	381814	326.91	513.03	22145897	10.0000
Mirtazapine	3.573	981105	17978.82	634.57	2489454	10.0000
Mitragynine	4.025	132993	69766.95	81733.51	2489454	10.0000
Morphine	2.186	169665	∞	766.95	179303	10.0000
Norbuprenorphine	3.764	13905	4750.61	6268.12	555982	10.0000
Nordiazepam	4.651	1312051	312.41	379.81	22145897	10.0000
Norfentanyl	3.253	4261017	5595.86	270.34	22495222	10.0000
Norhydrocodone	2.868	105871	1028.98	44.52	179303	10.0000
Norketamine	3.223	498387	203.07	2958.11	8301339	10.0000
Normeperidine	3.500	1249678	7304.33	151.10	20939675	10.0000
Noroxycodone	2.820	638435	∞	111.99	8301339	10.0000
Nortriptyline	4.298	252077	170517.33	36.13	859462	10.0000
O-desmethyl-tramadol	2.839	5317201	6515.27	147.10	20939675	10.0000
Olanzapine	3.124	397358	294211.99	8445.52	669229	10.0000
Oxazepam	4.480	2260842	528.56	222.75	11900498	10.0000
Oxycodone	2.833	2059012	425.37	675.03	8301339	10.0000
Oxymorphone	2.271	792442	48.03	1053.82	179303	10.0000
Paroxetine	4.228	52620	45460.40	44.79	864164	10.0000
Phenazepam	4.611	2421427	787403.92	255.19	22145897	10.0000
Phencyclidine	3.822	2018847	436.48	187.59	2489454	10.0000
Phentermine	3.058	534986	48.66	10.33	8097260	10.0000
Phenytoin	4.099	1195668	7696.09	188.68	669229	10.0000
Promethazine	4.187	887394	479.21	16.14	20939675	10.0000
Pseudoephedrine	2.645	55292220	4908.08	864.71	11438941	10.0000
Quetiapine	4.118	1482190	1625.08	10064.52	32583540	10.0000
Sertraline	4.432	175195	88760.28	78.61	864164	10.0000
Sufentanil	4.133	23334	7355.80	45.18	22495222	10.0000
Tapentadol	3.362	2942370	1114.71	175.85	8301339	10.0000
Temazepam	4.633	3866346	181.24	53.51	22145897	10.0000
Tramadol	3.342	5559688	∞	43.95	20939675	10.0000
Trazodone	3.965	2074333	818.84	425.57	7749433	10.0000

Cal

TS

AM #25 Multi-Drug Screen Results

Name	RT	Resp.	S/N	S/N	ISTD Resp.	Calc. Conc.
Venlafaxine	3.695	2980193	435.41	147.66	864164	10.0000
Zaleplon	4.325	2202711	1159.12	24845.68	32583540	10.0000
Zolpidem	3.693	5221611	2242.69	2454.91	32583540	10.0000
Zopiclone	3.627	528529	145779.10	146119.83	2402776	10.0000

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

TS

Extraction Date: 11-02-2021 Analyst: Tamara Salazar
Plate lot#: IDP-108-2-210609 Plate Re-Test Date: 12-09-21
Mobile phase A: 0.1% Formic Acid in LCMS Water **Mobile phase B:** 0.1% Formic acid in Acetonitrile
Blank Blood Lot: Lampire 20L20725 **Column**: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)
LCMS-QQQ ID: 069901

Pre-Analytic:

☒ 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
☒ 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.

Analytic:

☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
☒ 2. Using a calibrated pipette, add **1000µl blood and urine (if applicable) (calibrated pipette)** into the appropriate wells of analytical (standards) plate. **Pipette ID: 42**
☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 4. Pipette **500µL 0.1% formic acid in water blood sample, 500 µL saturated phosphate buffer in urine** in wells of 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: 750uL
☒ 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:

TS

	1	2	3	4	5	6
A	IS + Cal. 1	Neg	P2021-3344-2	P2021-3485-2*	P2021-3541-1	
B	IS + Cal. 2	M2021-4482-1	P2021-3372-1	P2021-3490-1	P2021-3544-2	
C	IS + Cal. 3	M2021-4486-1	P2021-3373-1	P2021-3494-1	P2021-3550-1	
D	IS + Cal. 4	M2021-4624-2	P2021-3373-2	P2021-3516-1	P2021-3555-1	
E	IS + Cal. 5	M2021-4643-3	P2021-3374-1	P2021-3517-1	P2021-3485-2	
F	IS + Cal. 6	P2021-3144-1	P2021-3378-1	P2021-3530-1		
G	IS + Cal. 7	P2021-3147-1	P2021-3396-1	P2021-3539-1		
H	IS + QC_1	P2021-3258-1	P2021-3425-1	P2021-3540-1		

All wells to contain 100 µl of residual DMSO

*Sample moved during analytical step 6 due to a blood clot.

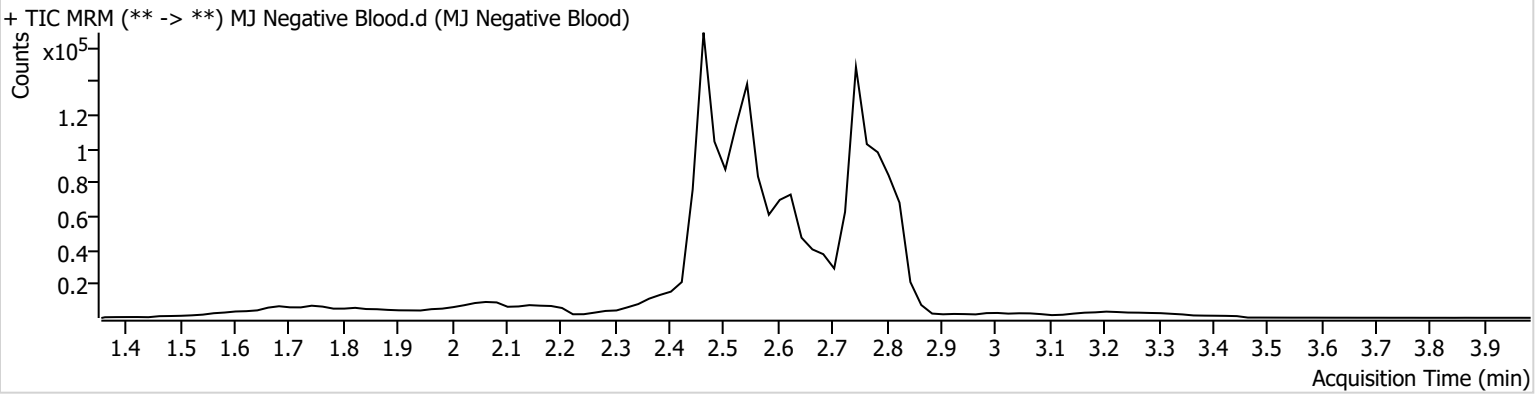
TS

AM #26 Cannabinoids Screen Results

Batch results	D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update	11/2/2021 4:41:28 PM

Instrument	Falco (069901)	**Data File**	MJ Negative Blood.d
Type	Sample	**Sample**	MJ Negative Blood
Acq. Method	AM 26 THCS.m	**Operator**	Tamara Salazar
Sample Position	P5-A2	**Comment**	
Injection Volume	10		
Acq. Date-Time	11/2/2021 1:37:44 PM		
Sample Info.			

Sample Chromatogram



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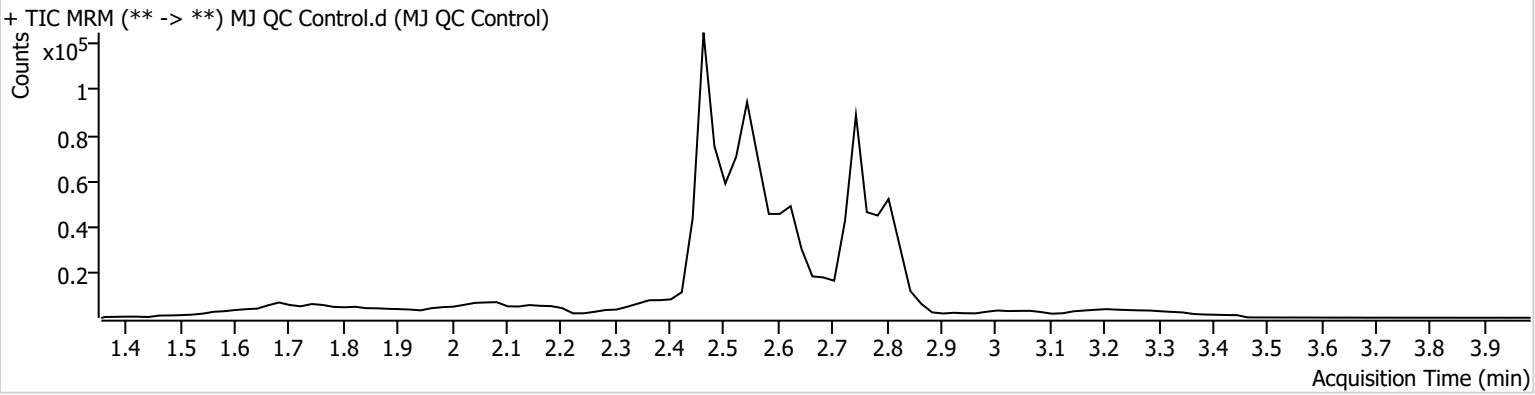
AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/2/2021 4:41:28 PM

Instrument	Falco (069901)	**Data File**	MJ QC Control.d
Type	Sample	**Sample**	MJ QC Control
Acq. Method	AM 26 THCS.m	**Operator**	Tamara Salazar
Sample Position	P5-H1	**Comment**	
Injection Volume	10		
Acq. Date-Time	11/2/2021 1:24:36 PM		
Sample Info.			

Sample Chromatogram

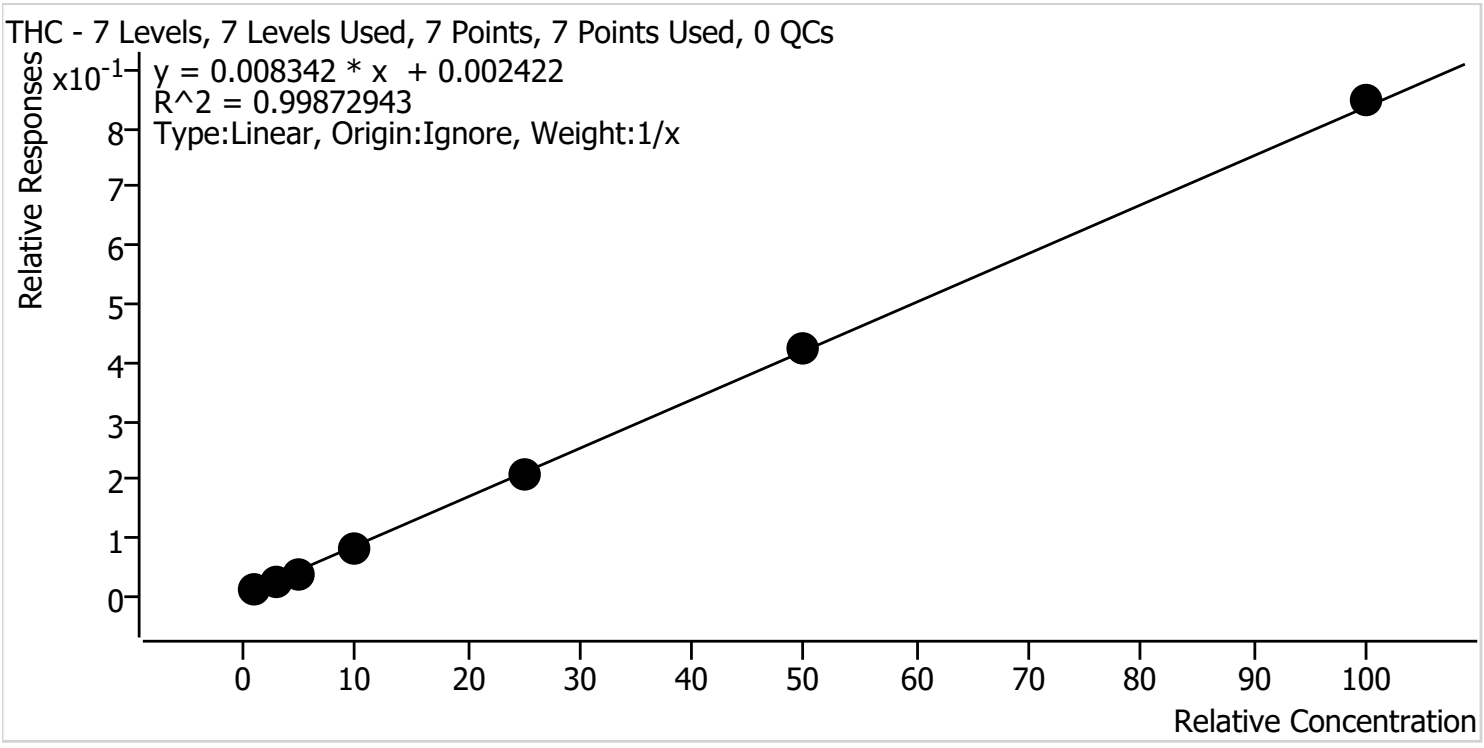


Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.799	688	20021	3.8308	ng/ml
THC-COOH	2.567	31974	131802	14.9287	ng/ml
THC-OH	2.474	2588	270886	4.9548	ng/ml

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	11/2/2021 4:41 PM
Analyst Name	ISP\datastor
Analyte	THC
Internal Standard	THC-D3

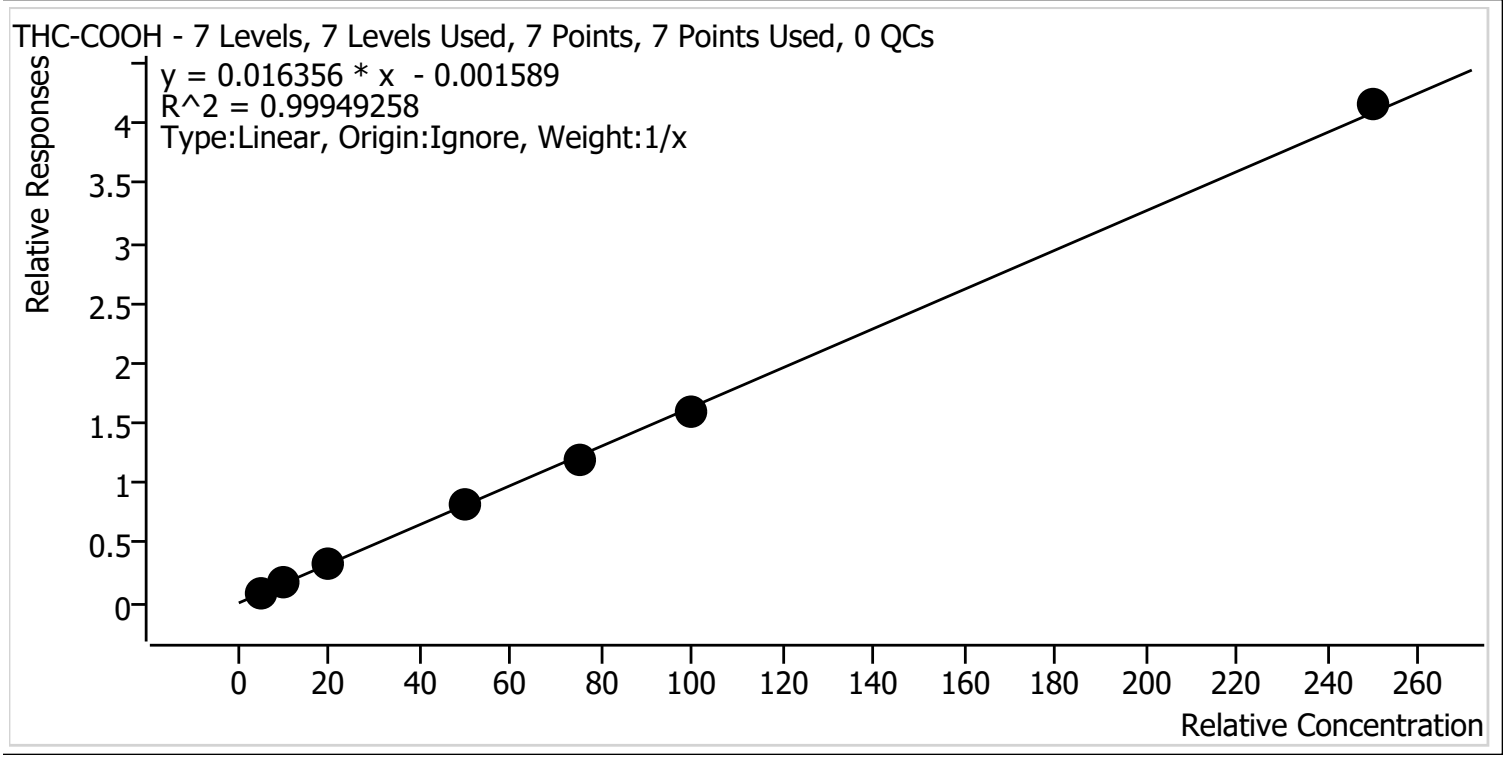


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	1.0	1.2	121.0
MJ Cal 2	2	✔	3.0	3.0	98.4
MJ Cal 3	3	✔	5.0	4.2	84.3
MJ Cal 4	4	✔	10.0	9.7	97.1
MJ Cal 5	5	✔	25.0	24.4	97.5
MJ Cal 6	6	✔	50.0	50.2	100.4
MJ Cal 7	7	✔	100.0	101.3	101.3

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update 11/2/2021 4:41 PM
Analyst Name ISP\datastor
Analyte THC-COOH **Internal Standard** THC-COOH-D9

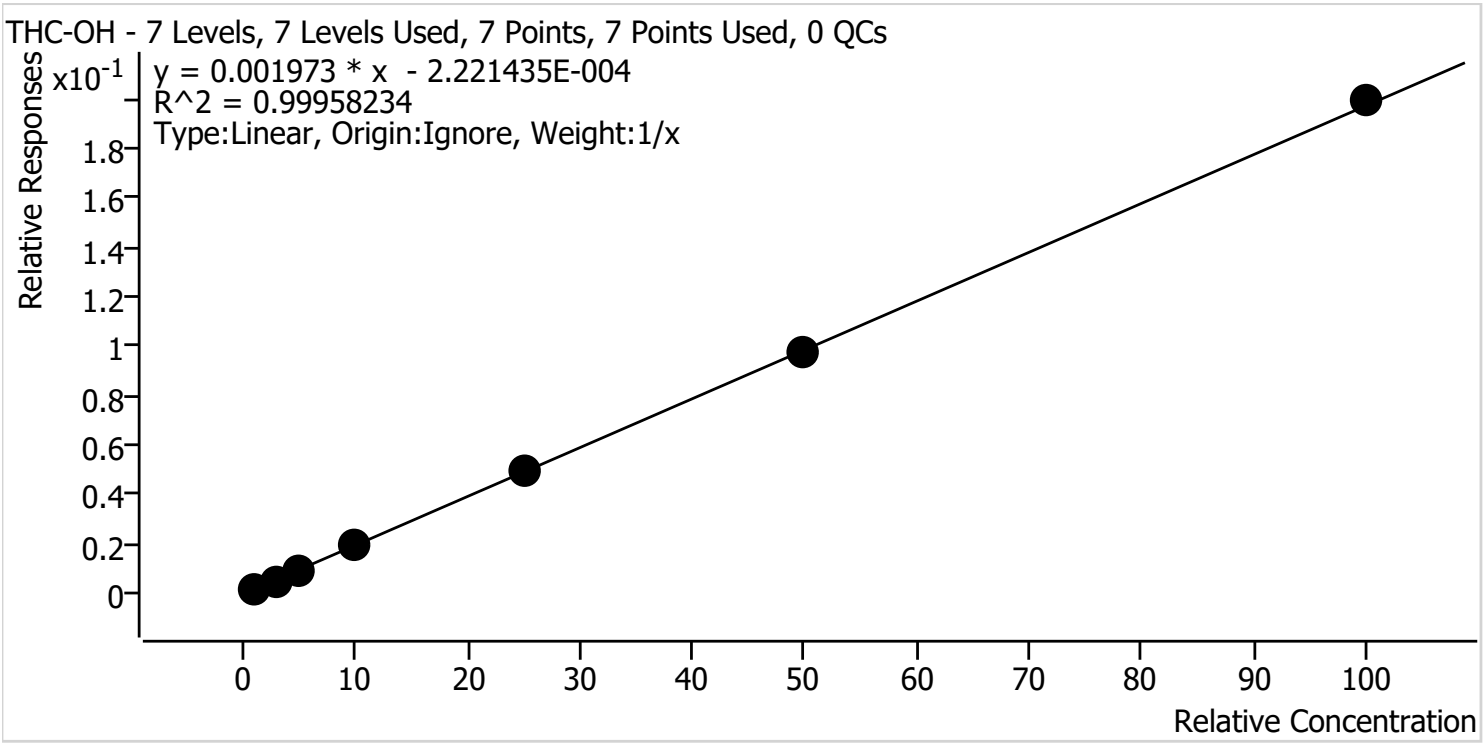


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	5.0	5.3	106.1
MJ Cal 2	2	✔	10.0	9.8	98.5
MJ Cal 3	3	✔	20.0	19.6	97.9
MJ Cal 4	4	✔	50.0	50.2	100.5
MJ Cal 5	5	✔	75.0	73.5	98.0
MJ Cal 6	6	✔	100.0	97.4	97.4
MJ Cal 7	7	✔	250.0	254.1	101.6

TS

AM #26 Cannabinoids Screen Calibration Curve Report

Batch results	D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Last Cal. Update	11/2/2021 4:41 PM
Analyst Name	ISP\datastor
Analyte	THC-OH
Internal Standard	THC-OH-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
MJ Cal 1	1	✔	1.0	1.1	113.0
MJ Cal 2	2	✔	3.0	2.8	94.3
MJ Cal 3	3	✔	5.0	4.7	93.8
MJ Cal 4	4	✔	10.0	9.9	98.6
MJ Cal 5	5	✔	25.0	25.1	100.6
MJ Cal 6	6	✔	50.0	49.3	98.6
MJ Cal 7	7	✔	100.0	101.0	101.0

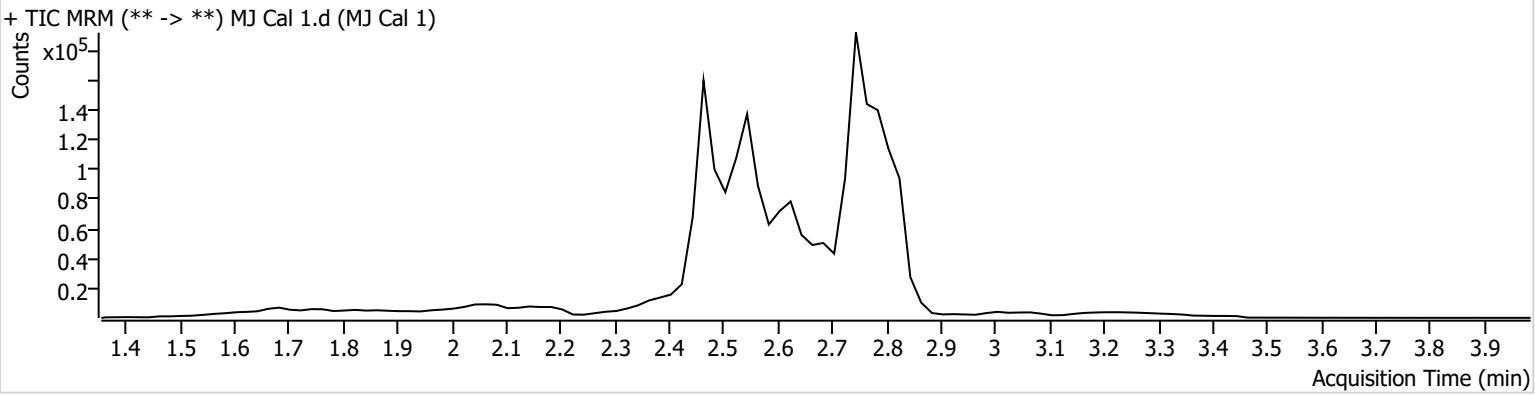
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/2/2021 4:41:28 PM

Instrument	Falco (069901)	**Data File**	MJ Cal 1.d
Type	Cal	**Sample**	MJ Cal 1
Acq. Method	AM 26 THCS.m	**Operator**	Tamara Salazar
Sample Position	P5-A1	**Comment**	
Injection Volume	10		
Acq. Date-Time	11/2/2021 12:38:31 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.		
THC	2.799	662	52888	1.2097	ng/ml	**Low**
THC-COOH	2.627	14604	171397	5.3064	ng/ml	
THC-OH	2.474	705	351168	1.1300	ng/ml	**Low**

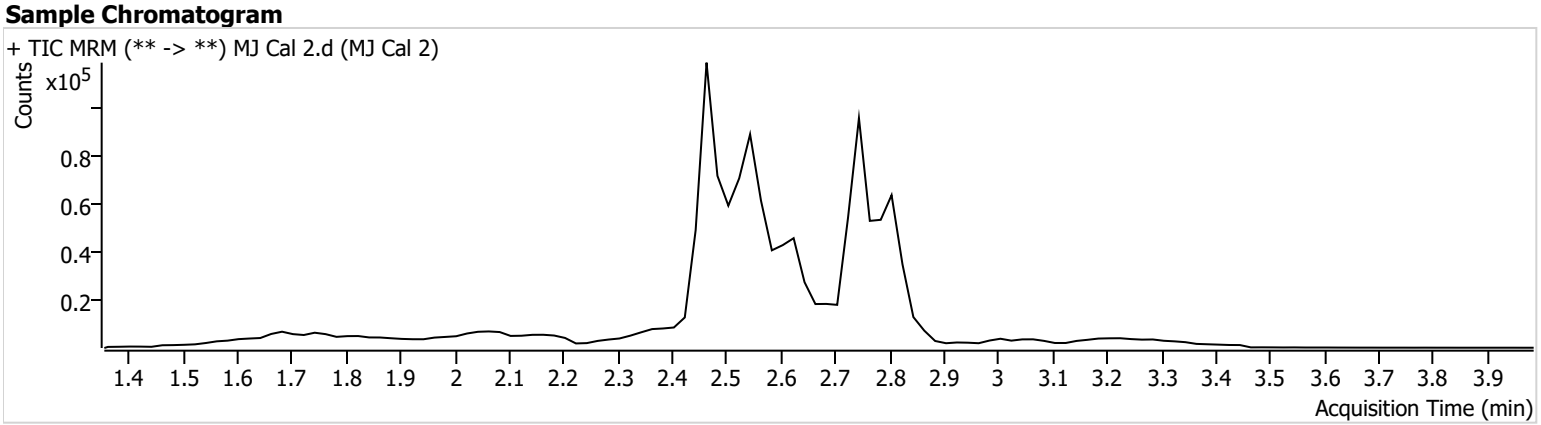
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/2/2021 4:41:28 PM

Instrument	Falco (069901)	**Data File**	MJ Cal 2.d
Type	Cal	**Sample**	MJ Cal 2
Acq. Method	AM 26 THCS.m	**Operator**	Tamara Salazar
Sample Position	P5-B1	**Comment**	
Injection Volume	10		
Acq. Date-Time	11/2/2021 12:45:14 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.		
THC	2.819	570	21085	2.9519	ng/ml	**Low**
THC-COOH	2.627	21019	131831	9.8450	ng/ml	
THC-OH	2.474	1449	270230	2.8296	ng/ml	**Low**

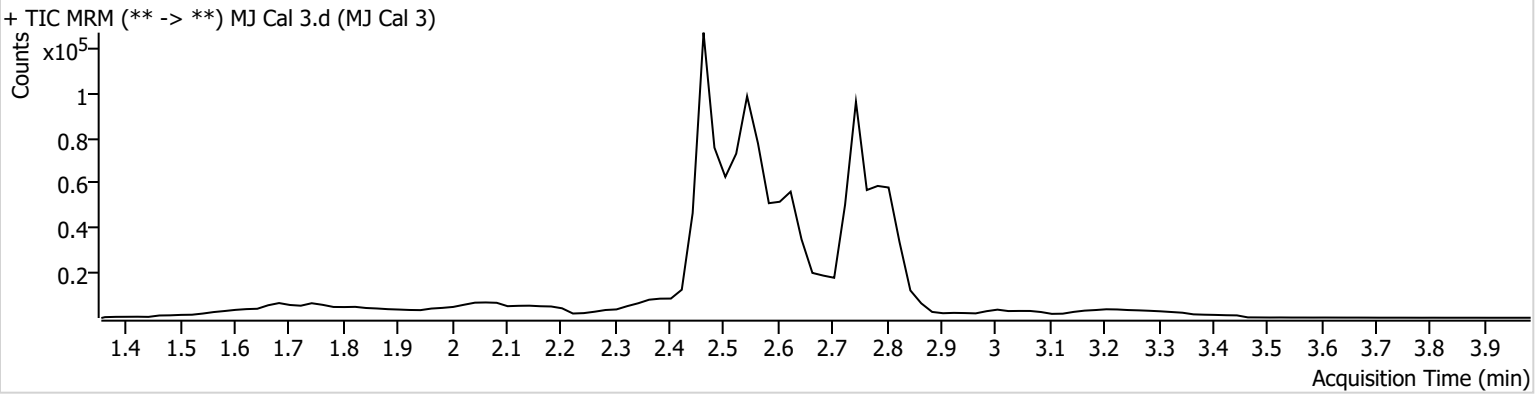
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/2/2021 4:41:28 PM

Instrument	Falco (069901)	**Data File**	MJ Cal 3.d
Type	Cal	**Sample**	MJ Cal 3
Acq. Method	AM 26 THCS.m	**Operator**	Tamara Salazar
Sample Position	P5-C1	**Comment**	
Injection Volume	10		
Acq. Date-Time	11/2/2021 12:51:48 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.799	863	22962	4.2149	ng/ml
THC-COOH	2.567	43817	137513	19.5778	ng/ml
THC-OH	2.474	2477	274234	4.6906	ng/ml

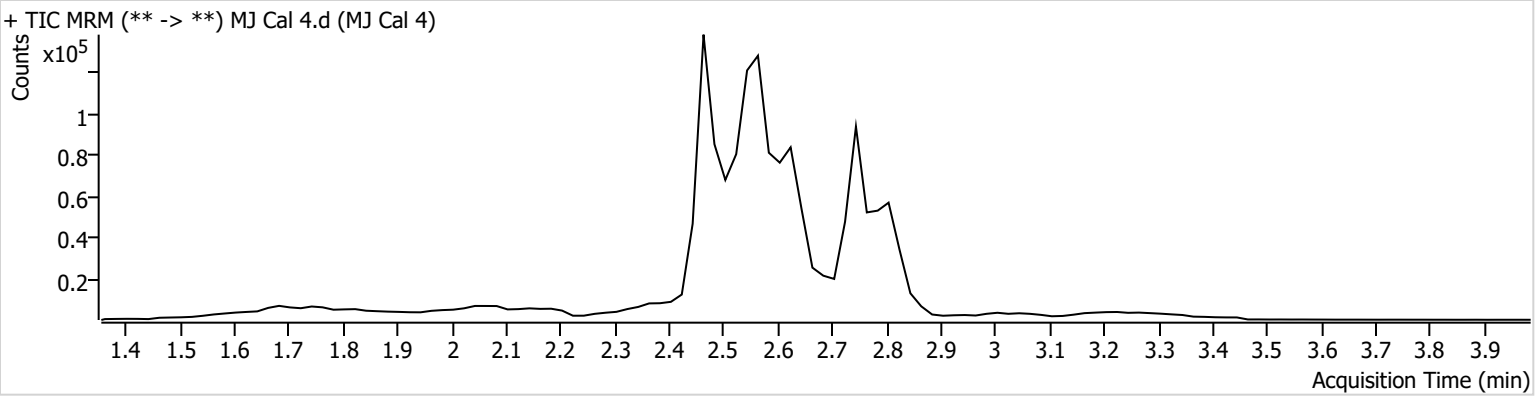
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/2/2021 4:41:28 PM

Instrument	Falco (069901)	**Data File**	MJ Cal 4.d
Type	Cal	**Sample**	MJ Cal 4
Acq. Method	AM 26 THCS.m	**Operator**	Tamara Salazar
Sample Position	P5-D1	**Comment**	
Injection Volume	10		
Acq. Date-Time	11/2/2021 12:58:21 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.799	1887	22624	9.7058	ng/ml
THC-COOH	2.567	117476	143231	50.2417	ng/ml
THC-OH	2.474	5396	280387	9.8641	ng/ml

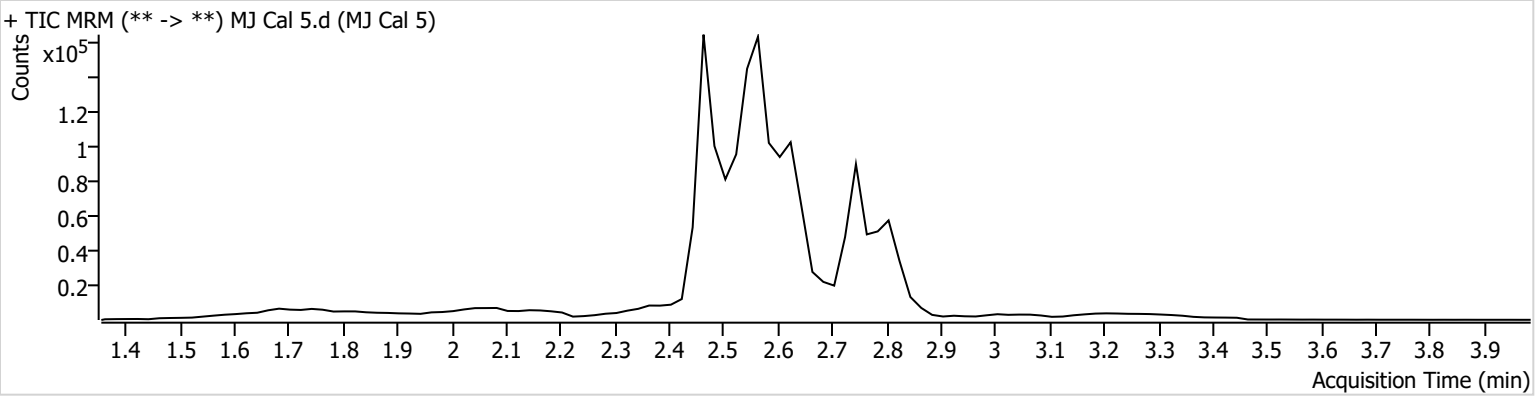
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/2/2021 4:41:28 PM

Instrument	Falco (069901)	**Data File**	MJ Cal 5.d
Type	Cal	**Sample**	MJ Cal 5
Acq. Method	AM 26 THCS.m	**Operator**	Tamara Salazar
Sample Position	P5-E1	**Comment**	
Injection Volume	10		
Acq. Date-Time	11/2/2021 1:04:55 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.799	4513	21926	24.3842	ng/ml
THC-COOH	2.567	174003	144969	73.4798	ng/ml
THC-OH	2.474	13815	279646	25.1467	ng/ml

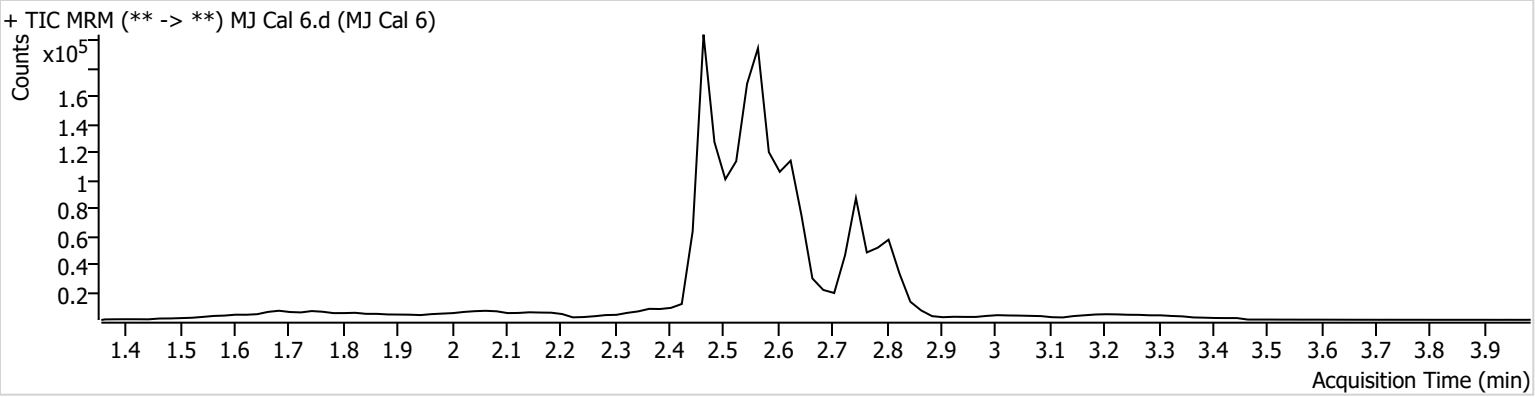
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/2/2021 4:41:28 PM

Instrument	Falco (069901)	**Data File**	MJ Cal 6.d
Type	Cal	**Sample**	MJ Cal 6
Acq. Method	AM 26 THCS.m	**Operator**	Tamara Salazar
Sample Position	P5-F1	**Comment**	
Injection Volume	10		
Acq. Date-Time	11/2/2021 1:11:29 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.
THC	2.799	8840	20983	50.2117 ng/ml
THC-COOH	2.567	220172	138302	97.4263 ng/ml
THC-OH	2.474	27202	280247	49.2997 ng/ml

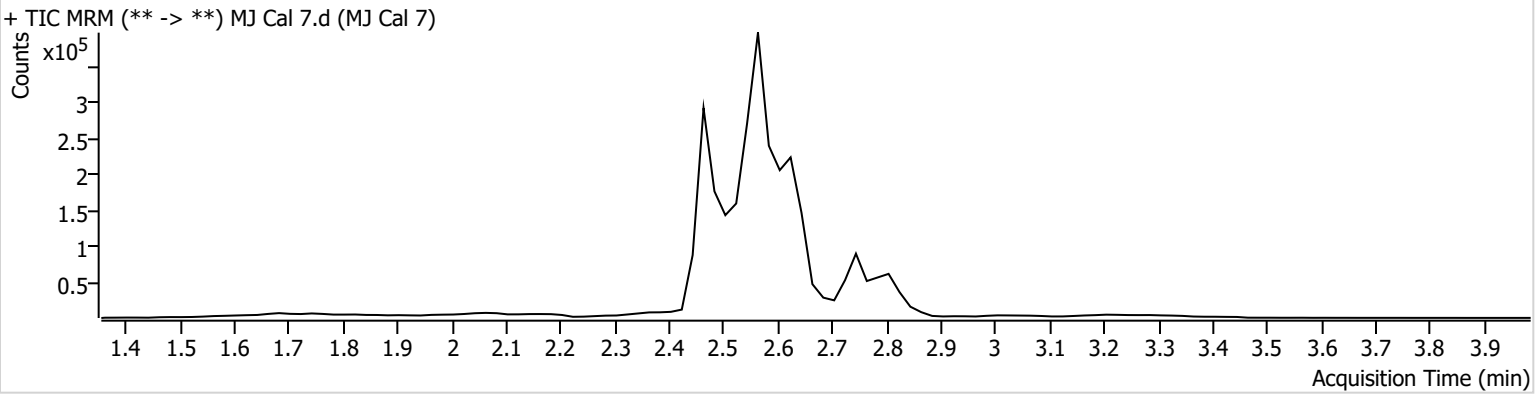
TS

AM #26 Cannabinoids Screen Results

Batch results D:\MassHunter\Data\2021\AM 25-26\110221 AM 25 26 TS\QuantResults\AM 26.batch.bin
Calibration Last Update 11/2/2021 4:41:28 PM

Instrument	Falco (069901)	**Data File**	MJ Cal 7.d
Type	Cal	**Sample**	MJ Cal 7
Acq. Method	AM 26 THCS.m	**Operator**	Tamara Salazar
Sample Position	P5-G1	**Comment**	
Injection Volume	10		
Acq. Date-Time	11/2/2021 1:18:03 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	ISTD Resp.	Final Conc.	
THC	2.799	18397	21704	101.3219	ng/ml
THC-COOH	2.567	546993	131648	254.1229	ng/ml
THC-OH	2.474	55376	278045	101.0393	ng/ml