TS

REVIEWED
By Britany Wyllie at 8:03 am, Nov 19, 2020

**Worklist: 4600**

| LAB_CASE | ITEM | ITEM_TYPE | DESCRIPTION |
|---|---|---|---|
| M2020-3939 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| M2020-3940 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| M2020-3947 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| M2020-4218 | 3 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| M2020-4240 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3008 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3008 | 2 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3008 | 3 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3110 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3116 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3118 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3137 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3138 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3144 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3145 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3152 | 5 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3155 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3164 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3166 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3167 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3168 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |

**Worklist: 4600**

TS

| LAB_CASE | ITEM | ITEM_TYPE | DESCRIPTION |
|---|---|---|---|
| P2020-3169 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3171 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3179 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3180 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3181 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3187 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3199 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2020-3344 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |

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

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Extraction Date: 11/07/2020 Analyst: Tamara Salazar
Plate Item #: IDP-107-2 Plate Lot#: 200511 Plate Expiration: 11/11/2020

**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**: Hemostat 445283-4
**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. Pipette **250µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: 42**
☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 4. Pipette **250µL 00.5M 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)***
☒ 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.
☒ 16. Reconstitute in **100µL 20% LC MeOH in 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? Y / N _____
☒ 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

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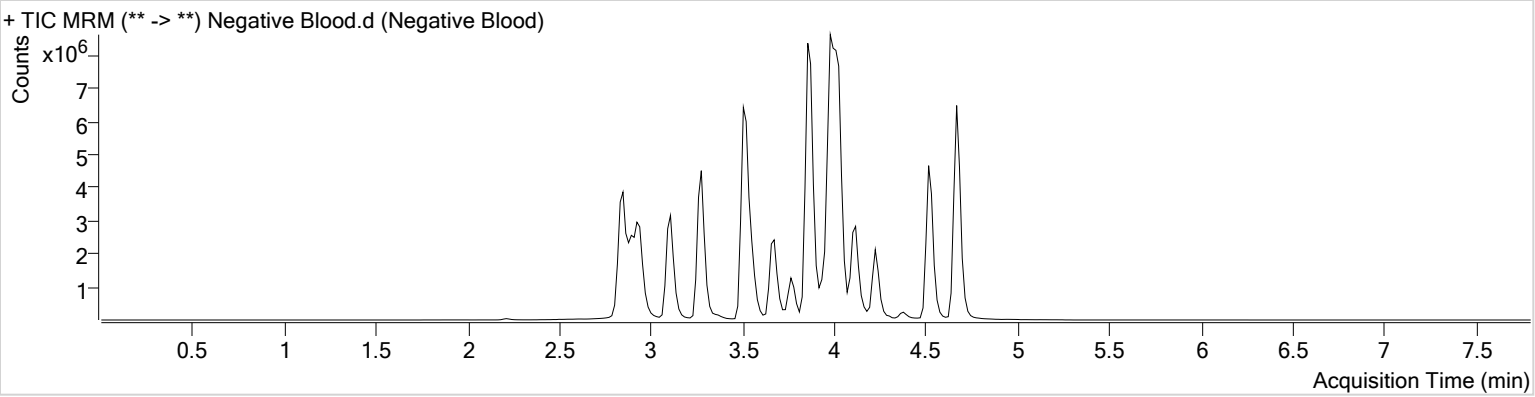
# AM #25 Multi-Drug Screen Results

| | |
|---|---|
| **Batch results** | D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 25.batch.bin |
| **Calibration Last Update** | 11/18/2020 10:29:59 AM |

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | Negative Blood.d |
| **Type** | Sample | **Sample** | Negative Blood |
| **Acq. Method** | AM 25 MDS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P2-D12 | **Comment** | |
| **Injection Volume** | 5 | | |
| **Acq. Date-Time** | 11/7/2020 8:50:43 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**



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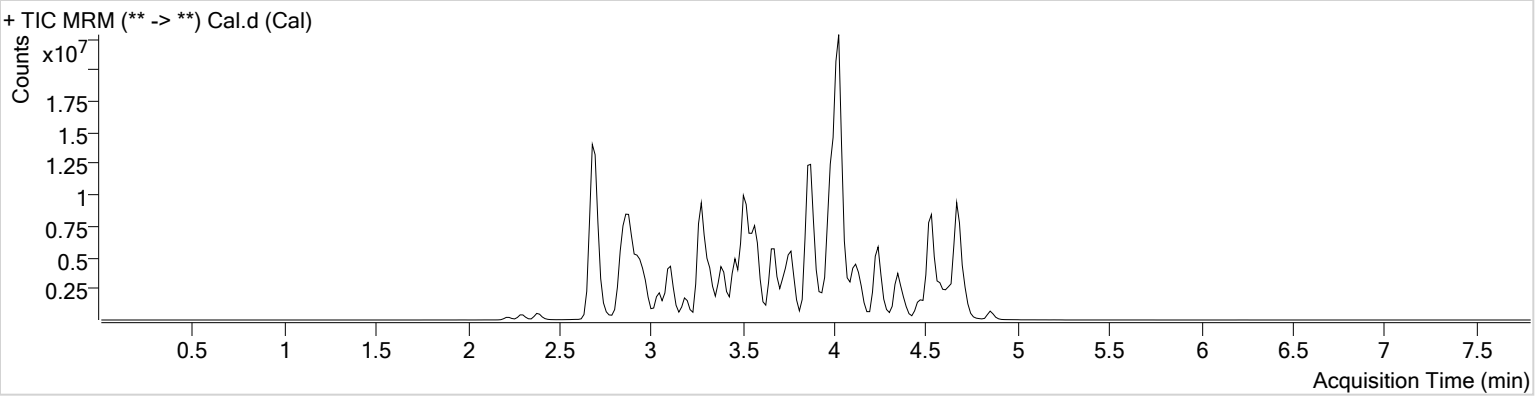
# AM #25 Multi-Drug Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 25.batch.bin
**Calibration Last Update** 11/18/2020 10:29:59 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | Cal.d |
| **Type** | Cal | **Sample** | Cal |
| **Acq. Method** | AM 25 MDS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P2-H12 | **Comment** | |
| **Injection Volume** | 5 | | |
| **Acq. Date-Time** | 11/7/2020 8:42:09 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | S/N | S/N | ISTD Resp. | Calc. Conc. |
|---|---|---|---|---|---|---|
| 6-MAM | 2.831 | 42348 | 3220.36 | 2246.05 | 1051900 | 10.0000 |
| 7-aminoclonazepam | 3.569 | 1074559 | 418.58 | 276.20 | 4402995 | 10.0000 |
| 7-aminoflunitrazepam | 3.768 | 1699980 | 595.96 | ∞ | 4402995 | 10.0000 |
| Acetyl Fentanyl | 3.718 | 143947 | 314.78 | ∞ | 21285110 | 10.0000 |
| Acetyl Norfentanyl | 2.855 | 198613 | ∞ | 96.72 | 21285110 | 10.0000 |
| a-hydroxyalprazolam | 4.531 | 202889 | 273.48 | 179.66 | 4402995 | 10.0000 |
| alpha-hydroxymidazolam | 4.576 | 1454912 | ∞ | 8660.14 | 4402995 | 10.0000 |
| Alpha-PHP | 3.741 | 2073109 | ∞ | 1742.09 | 21285110 | 10.0000 |
| alpha-PVP | 3.468 | 2823858 | 1121.34 | 532.45 | 4356712 | 10.0000 |
| Alprazolam | 4.626 | 2061638 | 2351.71 | 1846.23 | 17971881 | 10.0000 |
| Amitriptyline | 4.384 | 259206 | ∞ | ∞ | 703484 | 10.0000 |
| Amphetamine | 2.875 | 1920766 | 1423.89 | 816.19 | 4356712 | 10.0000 |
| Benzoylecgonine | 3.385 | 453170 | 8303.46 | 194.61 | 211112 | 10.0000 |
| Brompheniramine | 3.995 | 38460 | 31.86 | 322.64 | 26876310 | 10.0000 |
| Buprenorphine | 4.128 | 241948 | 27699.58 | 1110.17 | 1072454 | 10.0000 |
| Bupropion | 3.681 | 2435522 | 679.19 | 753.29 | 8935084 | 10.0000 |
| Carbamazepine | 4.250 | 6684024 | 7621.24 | 4532.21 | 515390 | 10.0000 |
| Carisoprodol | 4.248 | 1064174 | 426.03 | 292.31 | 5793037 | 10.0000 |
| Chlordiazepoxide | 4.720 | 697593 | 794.70 | ∞ | 17971881 | 10.0000 |
| Chlorpheniramine | 3.908 | 12523 | 43.80 | 4497.88 | 26876310 | 10.0000 |
| Citalopram | 4.025 | 1350249 | 454.68 | 65380.84 | 26876310 | 10.0000 |
| Clomipramine | 4.579 | 135416 | 975.77 | ∞ | 26876310 | 10.0000 |
| Clonazepam | 4.471 | 1483857 | 1148.09 | 2146.75 | 17971881 | 10.0000 |
| Clonazolam | 4.376 | 1030416 | 743.43 | 529.13 | 17971881 | 10.0000 |
| Cocaethylene | 3.719 | 3782986 | ∞ | 8782.44 | 21496485 | 10.0000 |
| Cocaine | 3.506 | 4123884 | 25761.58 | 362.15 | 21496485 | 10.0000 |
| Codeine | 2.714 | 263686 | ∞ | 287.83 | 6890958 | 10.0000 |
| Cyclobenzaprine | 4.308 | 302049 | 274.18 | 19.57 | 703484 | 10.0000 |
| Desipramine | 4.340 | 394466 | 306.20 | 40.47 | 703484 | 10.0000 |
| Dextromethorphan | 4.031 | 775928 | 2875.85 | 261.16 | 4041273 | 10.0000 |
| Dextrorphan | 3.326 | 1808892 | 81609.87 | 16937.35 | 4041273 | 10.0000 |
| Diazepam | 4.859 | 893184 | 2081.12 | 1570.16 | 17971881 | 10.0000 |
| Dihydrocodeine | 2.682 | 600357 | 1228.54 | ∞ | 6890958 | 10.0000 |
| Diphenhydramine | 3.986 | 4302426 | 2078.27 | 1089.75 | 26876310 | 10.0000 |

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# AM #25 Multi-Drug Screen Results

| Name | RT | Resp. | S/N | S/N | ISTD Resp. | Calc. Conc. |
|---|---|---|---|---|---|---|
| Doxepin | 4.107 | 422340 | 329.51 | 63.76 | 8146208 | 10.0000 |
| Doxylamine | 3.585 | 6505706 | 7051.76 | ∞ | 4041273 | 10.0000 |
| EDDP | 4.030 | 3966508 | 1116.72 | 294.68 | 2181881 | 10.0000 |
| Estazolam | 4.536 | 4504908 | 859.61 | 3240.43 | 17971881 | 10.0000 |
| Etizolam | 4.621 | 242215 | 666.21 | 2456458.56 | 17971881 | 10.0000 |
| Fentanyl | 3.947 | 61670 | 42.81 | 31103.04 | 4103336 | 10.0000 |
| Flualprazolam | 4.484 | 710851 | 679.24 | 948.87 | 17971881 | 10.0000 |
| Flunitrazepam | 4.579 | 2397333 | 67394.28 | 4456.41 | 17971881 | 10.0000 |
| Fluoxetine | 4.304 | 105636 | ∞ | 18.92 | 133473 | 10.0000 |
| Flurazepam | 4.068 | 1702230 | 26632.28 | 791.10 | 17971881 | 10.0000 |
| Hydrocodone | 2.912 | 1102776 | ∞ | ∞ | 6890958 | 10.0000 |
| Hydromorphone | 2.382 | 773858 | 810.69 | 1588.09 | 104551 | 10.0000 |
| Imipramine | 4.353 | 793511 | 390.05 | 280.36 | 703484 | 10.0000 |
| Ketamine | 3.313 | 2775216 | 6766.84 | 194.23 | 8998295 | 10.0000 |
| Lamotrigine | 3.495 | 218958 | 148.47 | 95.69 | 26876310 | 10.0000 |
| Levamisole | 2.871 | 1776847 | ∞ | 6589.58 | 21496485 | 10.0000 |
| Levetiracetam | 2.659 | 768496 | 166.63 | 497.15 | 26876310 | 10.0000 |
| Lorazepam | 4.455 | 471204 | ∞ | ∞ | 17971881 | 10.0000 |
| Maprotiline | 4.384 | 270300 | ∞ | ∞ | 703484 | 10.0000 |
| MDA | 2.979 | 1851504 | 483.13 | 398.08 | 10220594 | 10.0000 |
| MDEA | 3.192 | 3184405 | ∞ | 647.19 | 10220594 | 10.0000 |
| MDMA | 3.055 | 3888095 | ∞ | 1813.96 | 10220594 | 10.0000 |
| Meperidine | 3.541 | 1739834 | 3990.18 | 2686.46 | 4041273 | 10.0000 |
| Meprobamate | 3.683 | 553617 | 382.89 | 168.63 | 5793037 | 10.0000 |
| Methadone | 4.350 | 2310972 | 867.36 | 316.78 | 2181881 | 10.0000 |
| Methamphetamine | 2.965 | 2041708 | ∞ | ∞ | 10220594 | 10.0000 |
| Methocarbamol | 3.588 | 466958 | 2867.18 | 34.44 | 2181881 | 10.0000 |
| Methylphenidate | 3.467 | 6926960 | 1386.36 | ∞ | 10692627 | 10.0000 |
| Metoprolol | 3.402 | 468500 | 332.12 | 234.33 | 4041273 | 10.0000 |
| Midazolam | 4.623 | 423588 | ∞ | 498.77 | 17971881 | 10.0000 |
| Mirtazapine | 3.663 | 1627380 | 4964.49 | 544.51 | 4041273 | 10.0000 |
| Mitragynine | 4.083 | 117086 | ∞ | 960.76 | 4041273 | 10.0000 |
| Morphine | 2.229 | 155458 | ∞ | 817.86 | 104551 | 10.0000 |
| Norbuprenorphine | 3.776 | 30754 | 19883.79 | 23400.07 | 1072454 | 10.0000 |
| Nordiazepam | 4.722 | 1339836 | ∞ | 1092.76 | 17971881 | 10.0000 |
| Norfentanyl | 3.282 | 4347842 | 31648.04 | 723.68 | 21285110 | 10.0000 |
| Norhydrocodone | 2.883 | 34216 | 56.76 | 72.49 | 104551 | 10.0000 |
| Norketamine | 3.329 | 491206 | 278.61 | 1232.15 | 8998295 | 10.0000 |
| Normeperidine | 3.559 | 1442566 | 853.57 | 13.27 | 26876310 | 10.0000 |
| Noroxycodone | 2.850 | 965205 | 181.08 | 216.31 | 8998295 | 10.0000 |
| Nortriptyline | 4.387 | 88852 | 481.57 | 59.76 | 703484 | 10.0000 |
| O-desmethyl-tramadol | 2.884 | 5871019 | ∞ | 245.45 | 26876310 | 10.0000 |
| Olanzapine | 3.520 | 295148 | 276.82 | 245.42 | 515390 | 10.0000 |
| Oxazepam | 4.536 | 2196499 | ∞ | 278.23 | 14097320 | 10.0000 |
| Oxycodone | 2.863 | 1966280 | 588.75 | 4948.19 | 8998295 | 10.0000 |
| Oxymorphone | 2.286 | 813847 | ∞ | ∞ | 104551 | 10.0000 |
| Paroxetine | 4.300 | 14901 | 58.10 | 27.98 | 133473 | 10.0000 |
| Phenazepam | 4.651 | 2047560 | ∞ | ∞ | 17971881 | 10.0000 |
| Phencyclidine | 3.865 | 2878240 | 1561.78 | 532.88 | 4041273 | 10.0000 |
| Phentermine | 3.133 | 754456 | 10.70 | 42.17 | 10692627 | 10.0000 |
| Phenytoin | 4.157 | 985221 | 9066.79 | 1037.60 | 515390 | 10.0000 |
| Promethazine | 4.260 | 843511 | 255.52 | 130.73 | 26876310 | 10.0000 |
| Pseudoephedrine | 2.690 | 34349442 | 13746.80 | ∞ | 10220594 | 10.0000 |
| Quetiapine | 4.237 | 1436133 | 241.13 | 128479.99 | 27238584 | 10.0000 |
| Sertraline | 4.519 | 25114 | 67.95 | 30.99 | 133473 | 10.0000 |
| Sufentanil | 4.222 | 31912 | 154.80 | 96.35 | 21285110 | 10.0000 |
| Tapentadol | 3.406 | 3198209 | 1151.62 | 1804.66 | 8998295 | 10.0000 |
| Temazepam | 4.689 | 3513537 | 1355.77 | 306.38 | 17971881 | 10.0000 |
| Tramadol | 3.387 | 6952681 | ∞ | ∞ | 26876310 | 10.0000 |
| Trazodone | 4.130 | 1717566 | 410.74 | 313.99 | 8146208 | 10.0000 |

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# AM #25 Multi-Drug Screen Results

| Name | RT | Resp. | S/N | S/N | ISTD Resp. | Calc. Conc. |
|---|---|---|---|---|---|---|
| Venlafaxine | 3.769 | 4753557 | 353.52 | 727.37 | 133473 | 10.0000 |
| Zaleplon | 4.351 | 2164858 | ∞ | 564.34 | 27238584 | 10.0000 |
| Zolpidem | 3.873 | 6022271 | 476.47 | 952.92 | 27238584 | 10.0000 |
| Zopiclone | 3.762 | 677514 | 69734.56 | 342.12 | 3522354 | 10.0000 |

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

Extraction Date: 11/07/2020 Analyst: Tamara Salazar

Plate lot# IDP-108-2, 200723 Plate Expiration: 01/23/21

**Mobile phase A**: 10mM Ammonium Formate 0.1% Formic Acid in Water **Mobile phase B:** 0.1% Formic acid in MeOH MTBE Hexane
**Blank Blood Lot**: 445283-4 **Column**: Phenomenex Phenyl Hexyl (4.6x50mm: 2.6 um)
**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 **1000 µL blood** 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 **500 µL 0.1% formic acid in water** for blood samples in wells of analytical plate.
☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 6. Transfer 8**00 µL of blood+acid** 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)***
☒ 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.
☒ 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. 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: *Curves Limited: THC 1-100 (calibrators 2 and 3 dropped due to cut-off peaks inflating concentrations), THC-COOH 5-250 (calibrators 2 and 3 dropped due to cut-off peaks inflating concentrations), THC-OH 3-100*

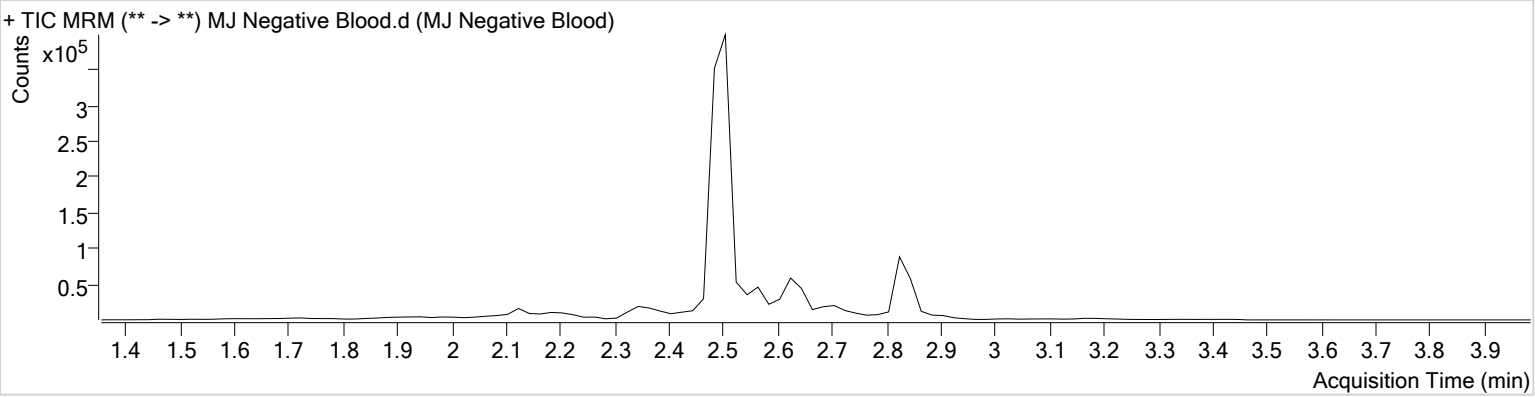
TS

# AM #26 Cannabinoids Screen Results

| | |
|---|---|
| **Batch results** | D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin |
| **Calibration Last Update** | 11/18/2020 7:27:18 AM |

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | MJ Negative Blood.d |
| **Type** | Sample | **Sample** | MJ Negative Blood |
| **Acq. Method** | AM 26 THCS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P4-A2 | **Comment** | |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 11/7/2020 2:34:49 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**



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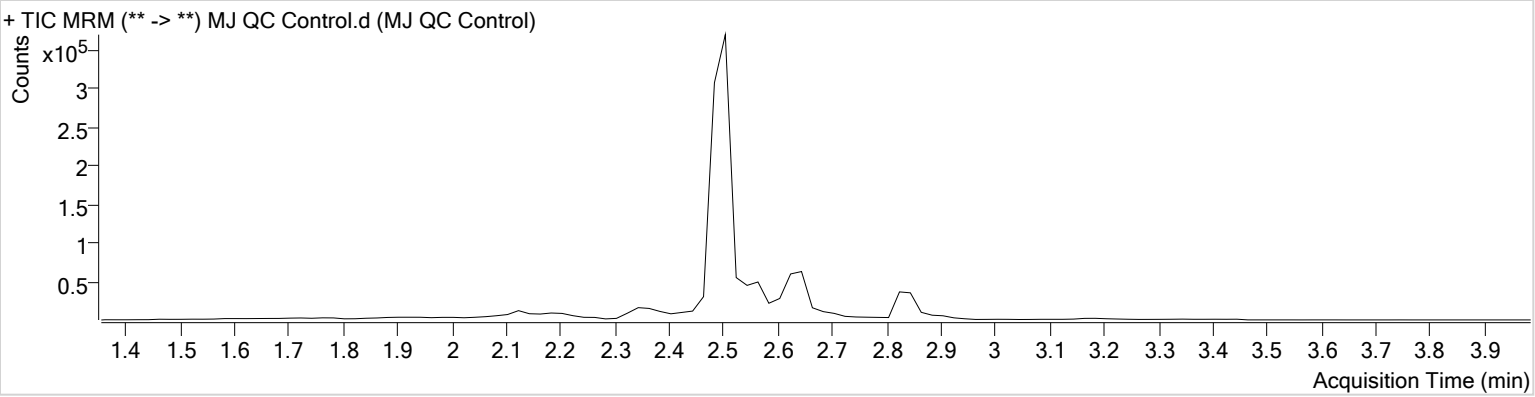
# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 11/18/2020 7:27:18 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | MJ QC Control.d |
| **Type** | Sample | **Sample** | MJ QC Control |
| **Acq. Method** | AM 26 THCS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P4-H1 | **Comment** | |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 11/7/2020 2:21:45 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**

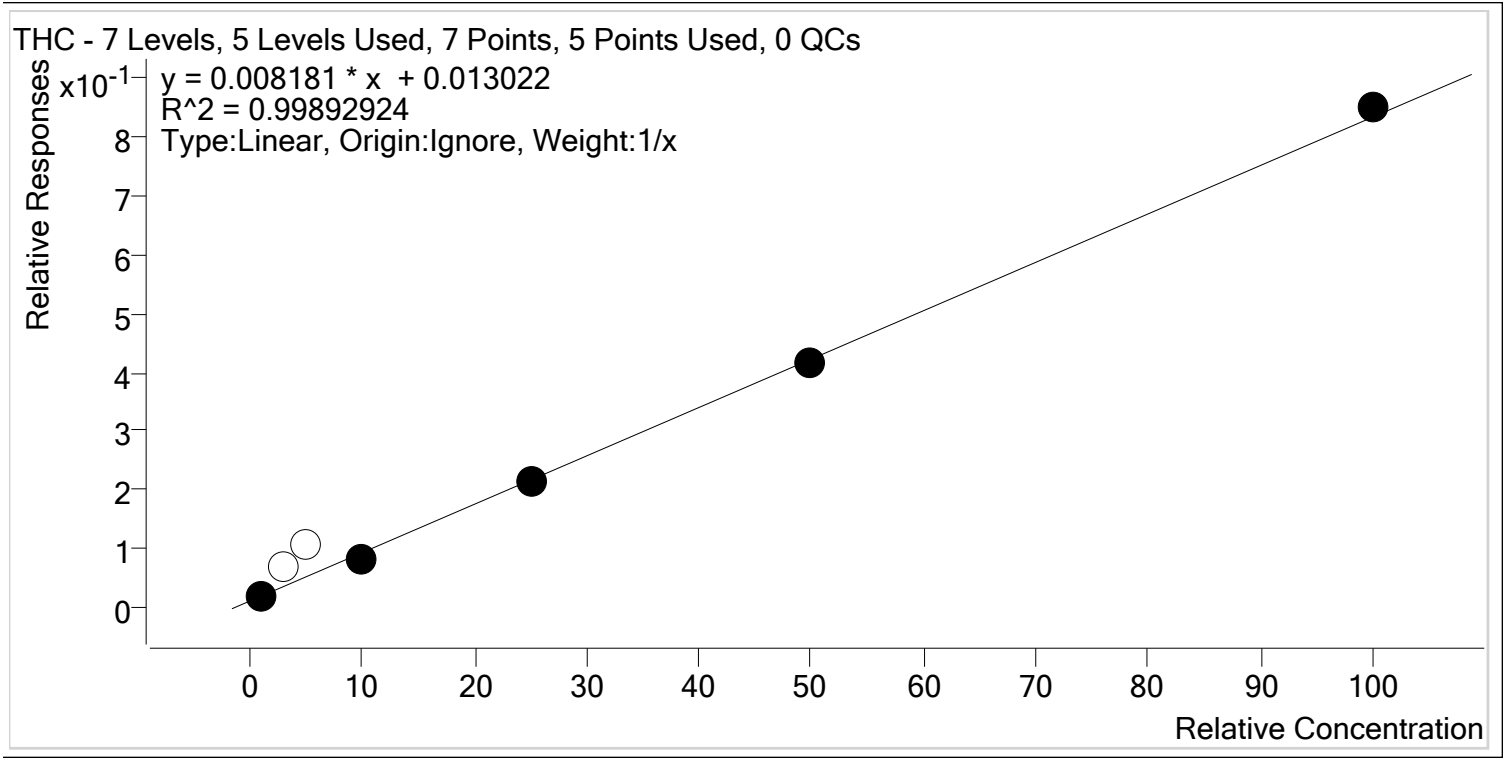



| Name | RT | Resp. | ISTD Resp. | Final Conc. | |
|---|---|---|---|---|---|
| THC | 2.879 | 464 | 9109 | 4.6348 | ng/ml |
| THC-COOH | 2.645 | 36764 | 88648 | 32.7271 | ng/ml |
| THC-OH | 2.612 | 58021 | 103392 | 4.4434 | ng/ml |

TS

# AM #26 Cannabinoids Screen Calibration Curve Report

| | |
|---|---|
| **Batch results** | D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin |
| **Last Cal. Update** | 11/18/2020 7:27 AM |
| **Analyst Name** | ISP\datastor |
| **Analyte** | THC |
| **Internal Standard** | THC-D3 |

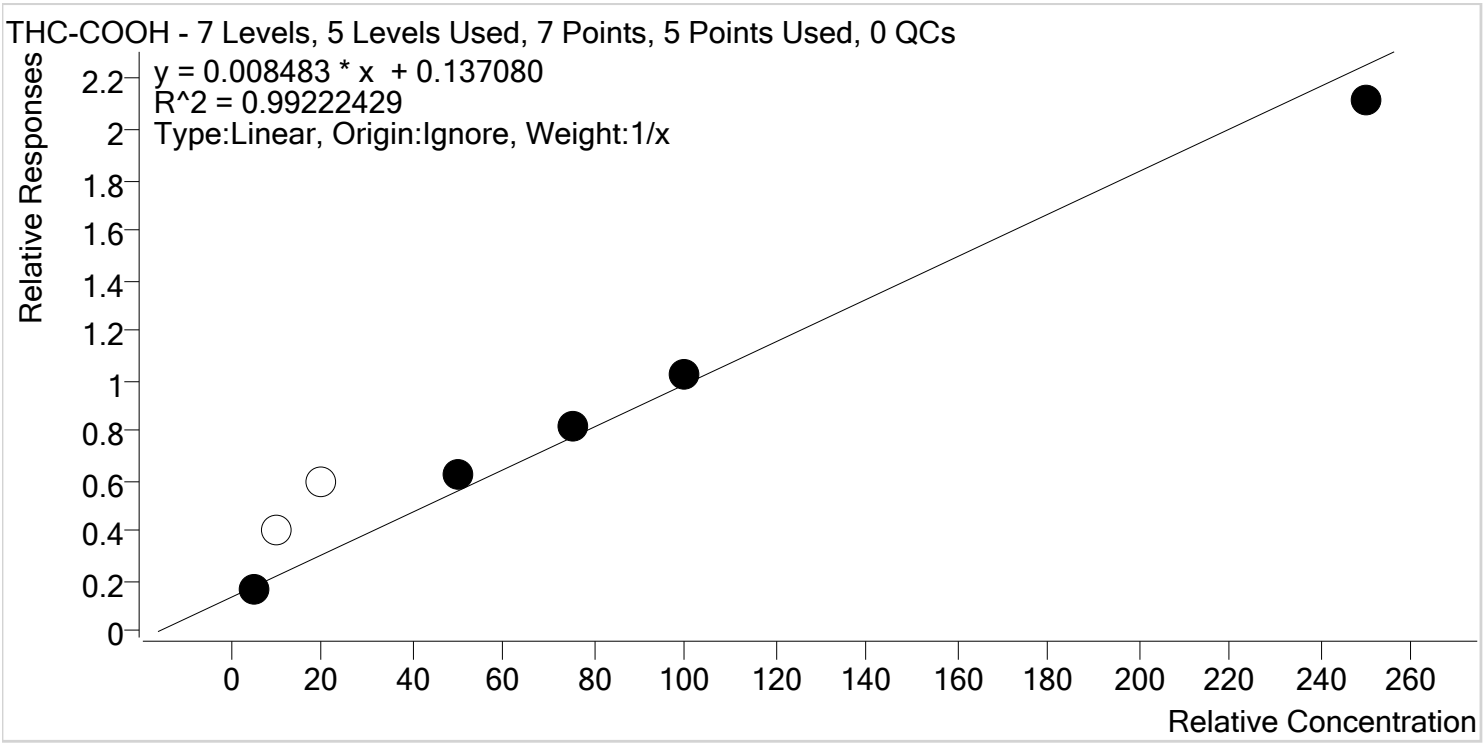



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|---|---|---|---|---|---|
| MJ Cal 1 | 1 | ✔ | 1.0 | 1.1 | 110.9 |
| MJ Cal 2 | 2 | ✗ | 3.0 | 7.4 | 245.7 |
| MJ Cal 3 | 3 | ✗ | 5.0 | 12.1 | 241.4 |
| MJ Cal 4 | 4 | ✔ | 10.0 | 8.9 | 89.4 |
| MJ Cal 5 | 5 | ✔ | 25.0 | 24.9 | 99.5 |
| MJ Cal 6 | 6 | ✔ | 50.0 | 49.2 | 98.3 |
| MJ Cal 7 | 7 | ✔ | 100.0 | 101.9 | 101.9 |

TS

# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Last Cal. Update** 11/18/2020 7:27 AM
**Analyst Name** ISP\datastor
**Analyte** THC-COOH **Internal Standard** THC-COOH-D9

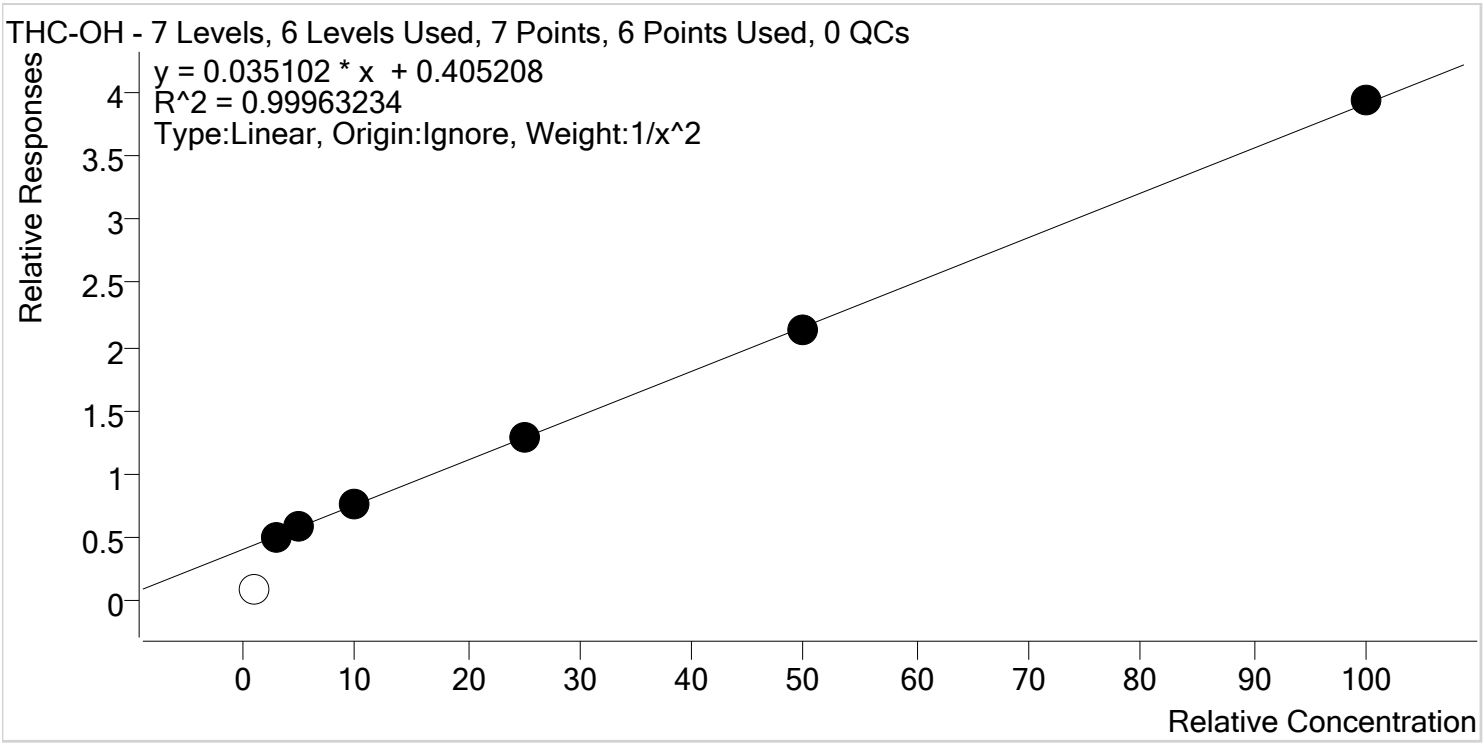



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|---|---|---|---|---|---|
| MJ Cal 1 | 1 | ✔ | 5.0 | 4.0 | 80.1 |
| MJ Cal 2 | 2 | ✗ | 10.0 | 31.6 | 315.5 |
| MJ Cal 3 | 3 | ✗ | 20.0 | 54.9 | 274.5 |
| MJ Cal 4 | 4 | ✔ | 50.0 | 56.9 | 113.9 |
| MJ Cal 5 | 5 | ✔ | 75.0 | 80.7 | 107.5 |
| MJ Cal 6 | 6 | ✔ | 100.0 | 105.1 | 105.1 |
| MJ Cal 7 | 7 | ✔ | 250.0 | 233.3 | 93.3 |

TS

# AM #26 Cannabinoids Screen Calibration Curve Report

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Last Cal. Update** 11/18/2020 7:27 AM
**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 | 0.0 | 0.0 |
| MJ Cal 2 | 2 | ✔ | 3.0 | 3.0 | 100.6 |
| MJ Cal 3 | 3 | ✔ | 5.0 | 4.9 | 98.1 |
| MJ Cal 4 | 4 | ✔ | 10.0 | 10.2 | 102.3 |
| MJ Cal 5 | 5 | ✔ | 25.0 | 24.8 | 99.2 |
| MJ Cal 6 | 6 | ✔ | 50.0 | 49.6 | 99.2 |
| MJ Cal 7 | 7 | ✔ | 100.0 | 100.7 | 100.7 |

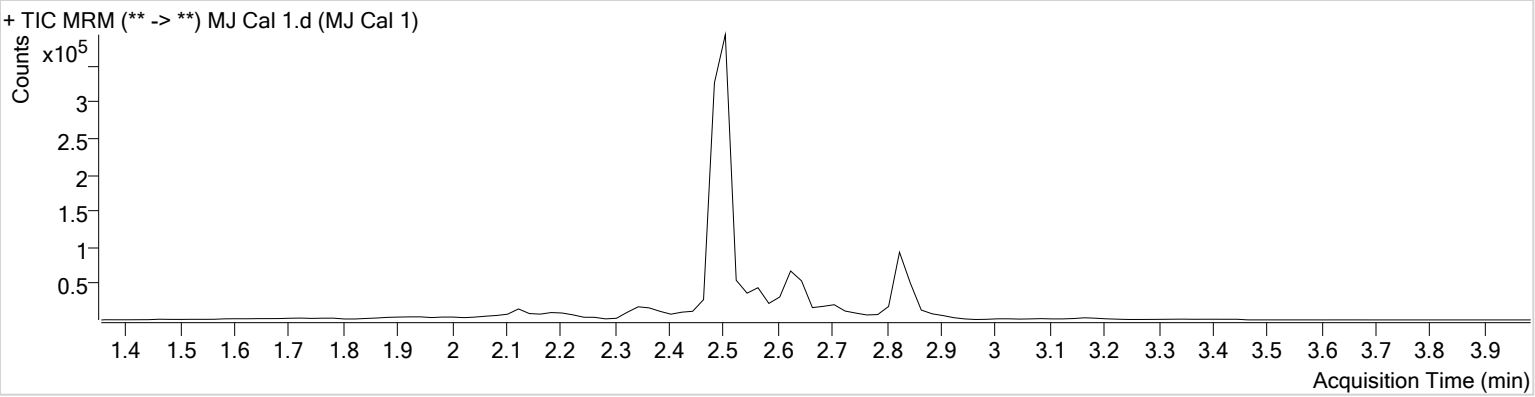
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 11/18/2020 7:27:18 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | MJ Cal 1.d |
| **Type** | Cal | **Sample** | MJ Cal 1 |
| **Acq. Method** | AM 26 THCS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P4-A1 | **Comment** | |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 11/7/2020 1:35:51 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. | | |
|---|---|---|---|---|---|---|
| THC | 2.899 | 323 | 14619 | 1.1088 | ng/ml | **Low** |
| THC-COOH | 2.645 | 19361 | 113174 | 4.0072 | ng/ml | **Low** |

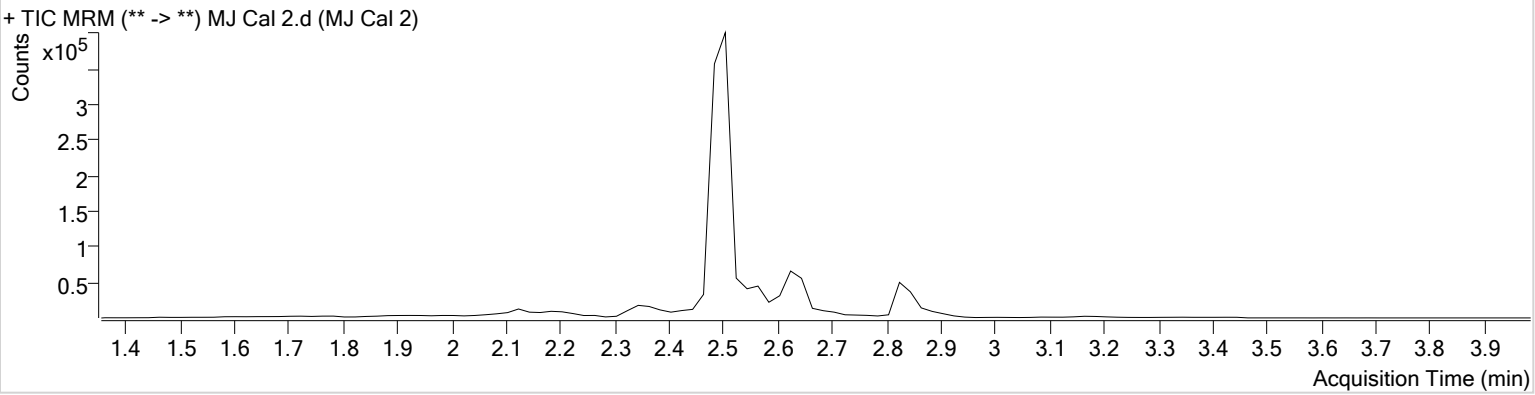
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 11/18/2020 7:27:18 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | MJ Cal 2.d |
| **Type** | Cal | **Sample** | MJ Cal 2 |
| **Acq. Method** | AM 26 THCS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P4-B1 | **Comment** | |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 11/7/2020 1:42:31 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. | |
|---|---|---|---|---|---|
| THC | 2.899 | 1124 | 15327 | 7.3720 | ng/ml |
| THC-COOH | 2.645 | 39534 | 97675 | 31.5517 | ng/ml |
| THC-OH | 2.612 | 52454 | 102625 | 3.0173 | ng/ml |

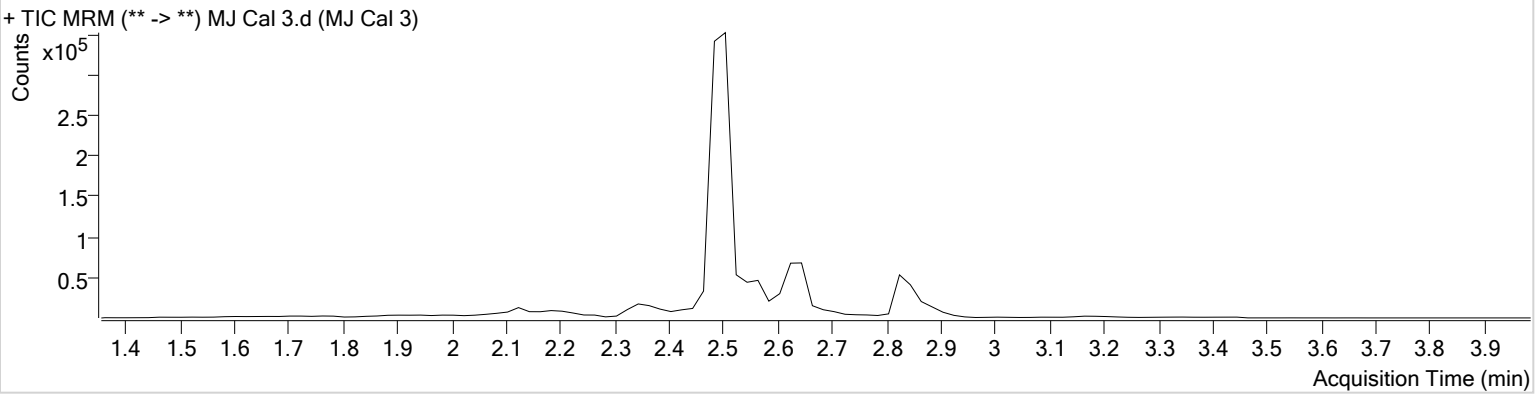
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 11/18/2020 7:27:18 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | MJ Cal 3.d |
| **Type** | Cal | **Sample** | MJ Cal 3 |
| **Acq. Method** | AM 26 THCS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P4-C1 | **Comment** | |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 11/7/2020 1:49:03 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. | |
|---|---|---|---|---|---|
| THC | 2.899 | 2400 | 21470 | 12.0721 | ng/ml |
| THC-COOH | 2.645 | 55340 | 91810 | 54.8941 | ng/ml |
| THC-OH | 2.612 | 56488 | 97832 | 4.9054 | ng/ml |

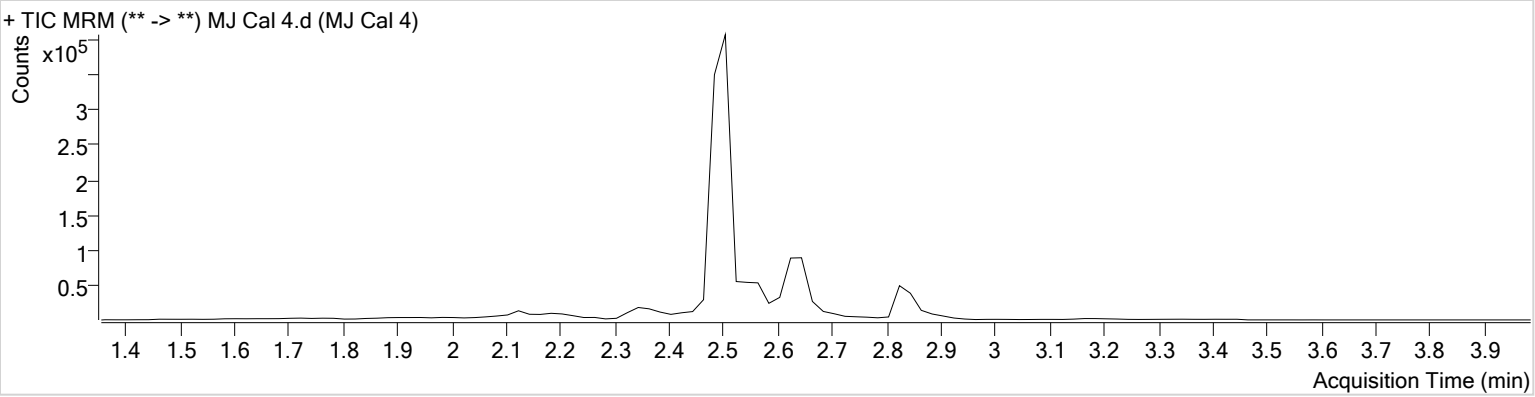
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 11/18/2020 7:27:18 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | MJ Cal 4.d |
| **Type** | Cal | **Sample** | MJ Cal 4 |
| **Acq. Method** | AM 26 THCS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P4-D1 | **Comment** | |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 11/7/2020 1:55:36 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. | |
|---|---|---|---|---|---|
| THC | 2.879 | 1131 | 13130 | 8.9384 | ng/ml |
| THC-COOH | 2.625 | 64726 | 104383 | 56.9350 | ng/ml |
| THC-OH | 2.612 | 79053 | 103440 | 10.2282 | ng/ml |

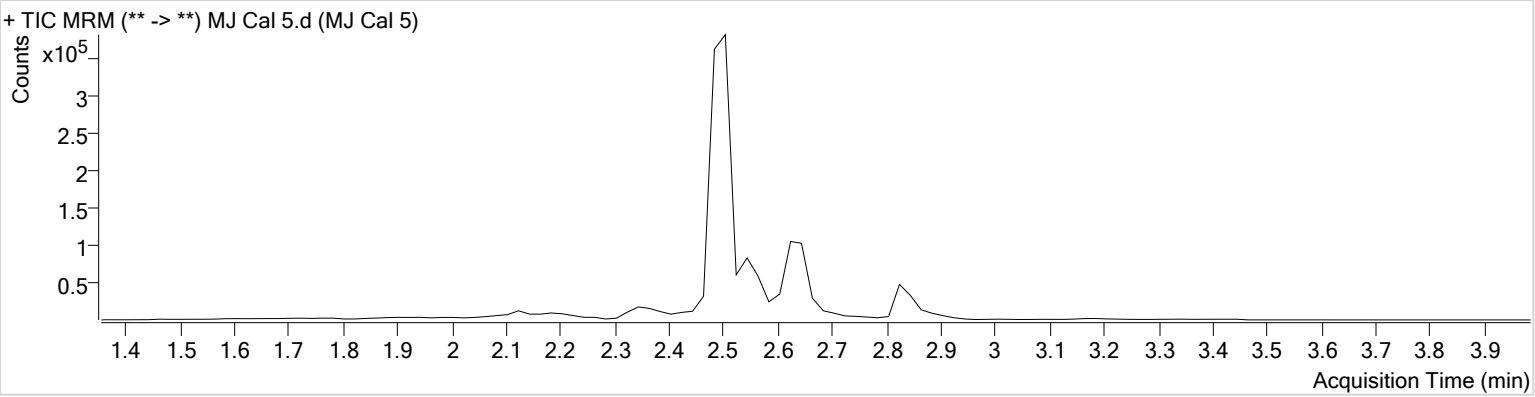
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 11/18/2020 7:27:18 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | MJ Cal 5.d |
| **Type** | Cal | **Sample** | MJ Cal 5 |
| **Acq. Method** | AM 26 THCS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P4-E1 | **Comment** | |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 11/7/2020 2:02:08 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 2.879 | 2821 | 13026 | 24.8781 ng/ml |
| THC-COOH | 2.625 | 83654 | 101846 | 80.6623 ng/ml |
| THC-OH | 2.552 | 131109 | 102785 | 24.7948 ng/ml |

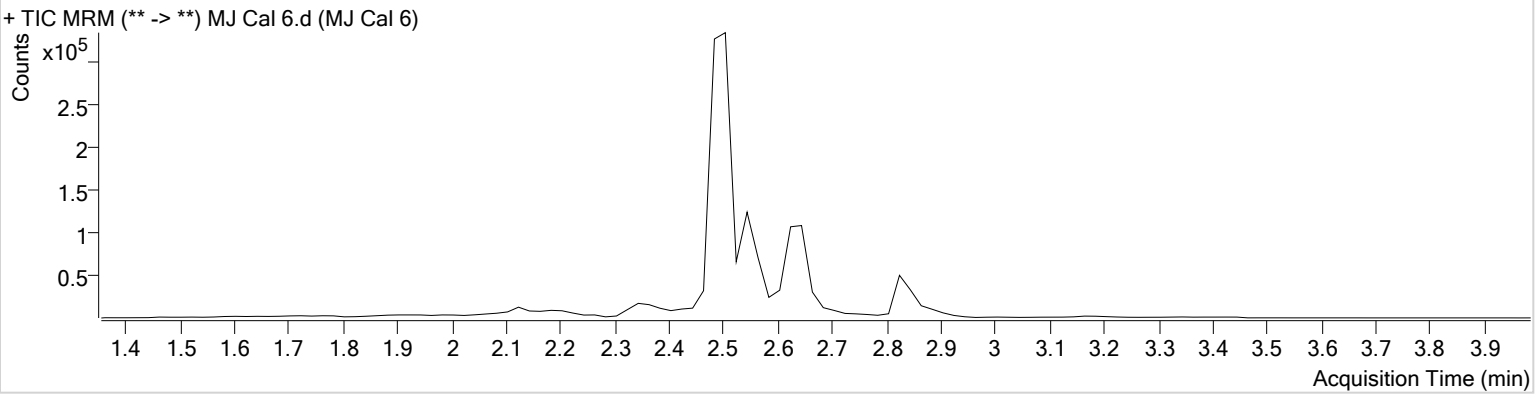
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 11/18/2020 7:27:18 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | MJ Cal 6.d |
| **Type** | Cal | **Sample** | MJ Cal 6 |
| **Acq. Method** | AM 26 THCS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P4-F1 | **Comment** | |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 11/7/2020 2:08:40 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. | |
|---|---|---|---|---|---|
| THC | 2.879 | 5122 | 12340 | 49.1523 | ng/ml |
| THC-COOH | 2.625 | 90963 | 88405 | 105.1285 | ng/ml |
| THC-OH | 2.552 | 204742 | 95409 | 49.5902 | ng/ml |

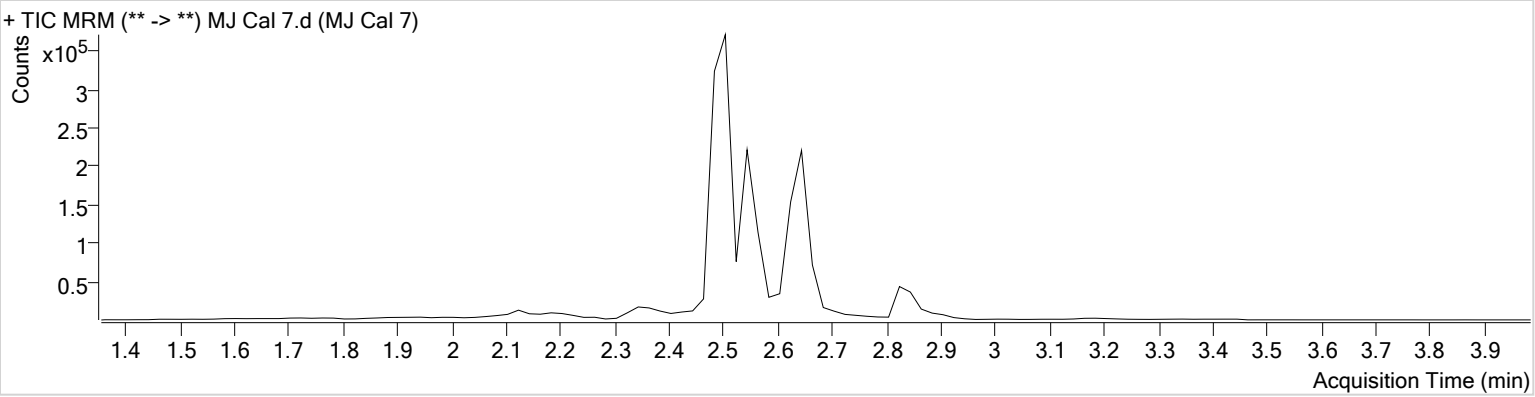
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2020\AM 25-26\11072020 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 11/18/2020 7:27:18 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco | **Data File** | MJ Cal 7.d |
| **Type** | Cal | **Sample** | MJ Cal 7 |
| **Acq. Method** | AM 26 THCS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P4-G1 | **Comment** | |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 11/7/2020 2:15:12 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. | |
|---|---|---|---|---|---|
| THC | 2.879 | 8047 | 9503 | 101.9225 | ng/ml |
| THC-COOH | 2.625 | 180995 | 85537 | 233.2670 | ng/ml |
| THC-OH | 2.552 | 383672 | 97402 | 100.6725 | ng/ml |