REVIEWED
By Anne Nord at 12:36 pm, Mar 27, 2024

3/19/2024 TS

**Worklist: 6727**

| LAB_CASE | ITEM | ITEM_TYPE | DESCRIPTION |
|---|---|---|---|
| M2024-0015 | 2 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |
| M2024-0020 | 2 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |
| M2024-0433 | 3 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |
| M2024-0741 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| M2024-0742 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| M2024-0755 | 5 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| M2024-0929 | 6 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| M2024-0930 | 2 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| M2024-0931 | 2 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0113 | 2 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |
| P2024-0343 | 2 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0457 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0480 | 1 | UCK | AM 25/AM 26 Urine MultiDrug/THC Screen by LC-QQQ |
| P2024-0495 | 1 | BLOOD | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0637 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0677 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0678 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0679 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0680 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0699 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0709 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |

**Worklist: 6727**

TS

| LAB_CASE | ITEM | ITEM_TYPE | DESCRIPTION |
|---|---|---|---|
| P2024-0730 | 1 | BCK | AM 25/AM 26 Blood MultiDrug/THC Screen by LC-QQQ |
| P2024-0755 | 2 | 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: 03/20/2024
Analyst: Tamara Salazar
Plate lot#: 231213
Plate Retest Date: 06/13/2024
Mobile phase A: 10mM Amm Form in LCMS Water
Mobile phase B: 0.1% Formic Acid in MeOH
Blank Blood Lot: Lampire 23A52595
Blank Urine Lot: POC021022
LCMS-QQQ ID: 069901
Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

**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 or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
☒ 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: *250uL*
☒ 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. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
☒ 17. 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: Benzoylecgonine note evaluated for M2024-0433-3 due to poor internal standard response.

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 | Neg Urine | P2024-0677-1 | M2024-0755-5 |
| B | IS + Cal. 1 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | P2024-0755-2 | P2024-0637-1 | M2024-0742-1 |
| C | IS + Control 1 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | P2024-0730-1 | P2024-0495-1 | M2024-0741-1 |
| D | IS + Control 1 | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | P2024-0480-1 | P2024-0709-1 | P2024-0457-1 | Neg Blood |
| E | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | M2024-0433-3 | P2024-0699-1 | P2024-0343-2 | IS + Control 1 |
| F | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | P2024-0113-2 | P2024-0680-1 | M2024-0931-2 | IS + Control 1 |
| G | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | M2024-0015-2 | P2024-0679-1 | M2024-0930-2 | IS + Cal. 1 |
| H | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | IS + Sample | M2024-0020-2 | P2024-0678-1 | M2024-0929-6 | IS + Cal. 1 |

All wells to contain 60 µl of residual DMSO

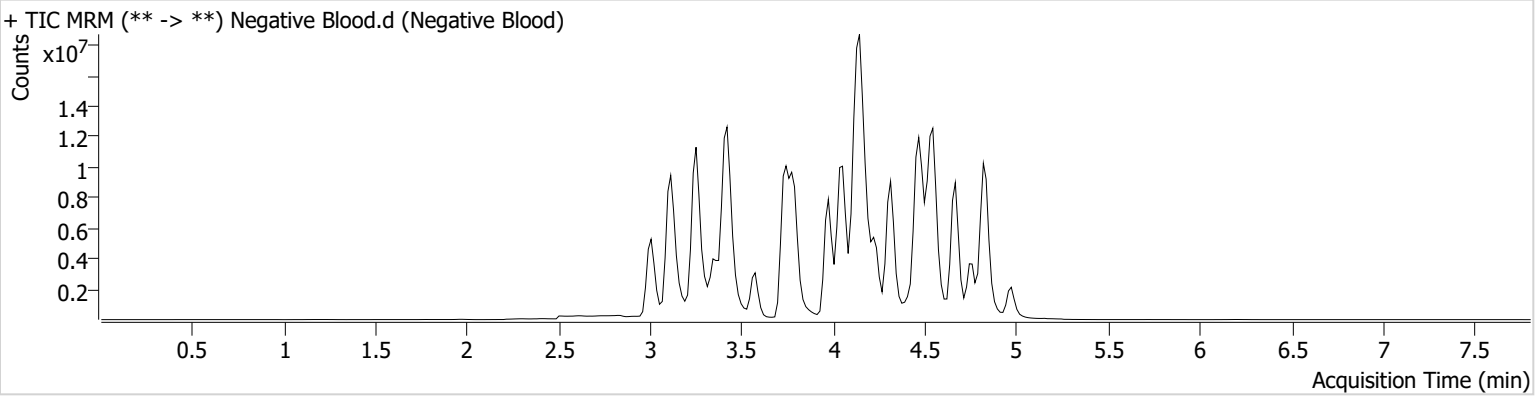
TS

# AM #25 Multi-Drug Screen. Results

| | |
|---|---|
| **Batch results** | D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 25.batch.bin |
| **Calibration Last Update** | 3/27/2024 10:00:30 AM |

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | Negative Blood.d |
| **Type** | Sample | **Sample** | Negative Blood |
| **Acq. Method** | AM 25 MDS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P2-D12 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 5 | | |
| **Acq. Date-Time** | 3/20/2024 6:54:32 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**



TS

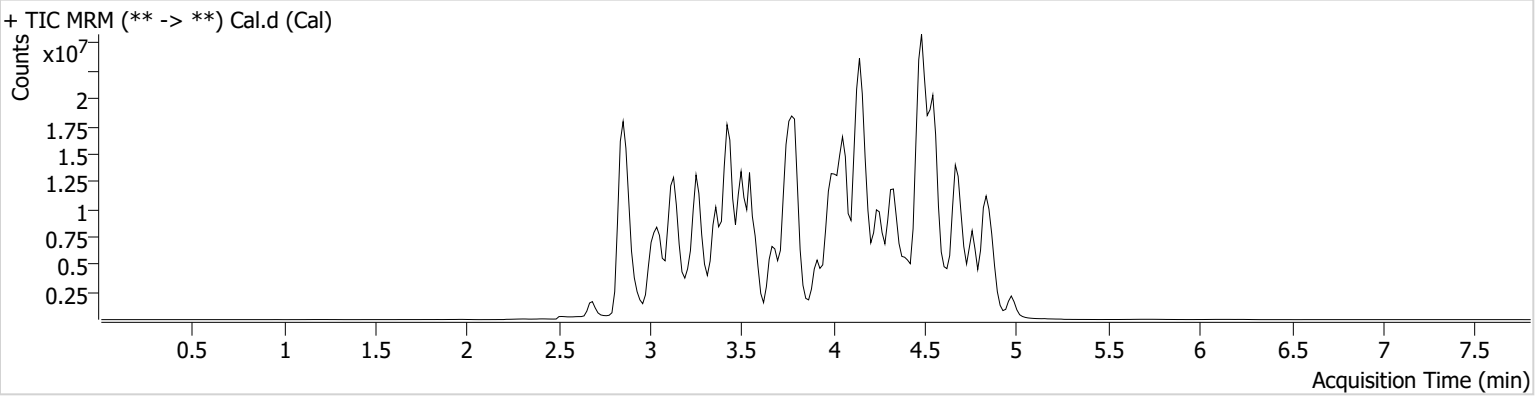
# AM #25 Multi-Drug Screen. Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 25.batch.bin
**Calibration Last Update** 3/27/2024 10:00:30 AM

**Instrument** Falco (069901)
**Type** Cal
**Acq. Method** AM 25 MDS.m
**Sample Position** P2-H12
**Injection Volume** 5
**Acq. Date-Time** 3/20/2024 6:45:55 PM
**Sample Info.**

**Data File** Cal.d
**Sample** Cal
**Operator** Tamara Salazar
**Comment** Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

**Sample Chromatogram**




| Name | RT | Resp. | S/N | S/N | ISTD Resp. | Calc. Conc. |
|---|---|---|---|---|---|---|
| 10-OH-Carbamazepine | 3.795 | 2106212 | 129.74 | 247.23 | 20721299 | 10.0000 |
| 6-MAM | 3.341 | 50672 | 21073.89 | 19682.43 | 2323025 | 10.0000 |
| 7-aminoclonazepam | 3.592 | 1324344 | 186.45 | 482.35 | 7978088 | 10.0000 |
| 7-aminoflunitrazepam | 3.792 | 2878534 | 5363.85 | 209.12 | 7978088 | 10.0000 |
| 9-Hydroxyrisperidone | 4.062 | 9595031 | 724.06 | 91039.55 | 36423001 | 10.0000 |
| Acetyl Fentanyl | 4.129 | 417804 | 14.06 | 199209.71 | 35650437 | 10.0000 |
| Acetyl Norfentanyl | 3.028 | 259187 | 682.75 | 175.47 | 35650437 | 10.0000 |
| a-hydroxyalprazolam | 4.529 | 170077 | 20055.79 | 77.61 | 7978088 | 10.0000 |
| alpha-hydroxymidazolam | 4.605 | 2009152 | 780.31 | 308.36 | 7978088 | 10.0000 |
| Alpha-PHP | 4.027 | 3288416 | 5968.29 | 694.71 | 35650437 | 10.0000 |
| alpha-PVP | 3.782 | 4280484 | 15479.27 | 493.16 | 16940785 | 10.0000 |
| Alprazolam | 4.624 | 2155490 | 242.74 | 575.52 | 18530261 | 10.0000 |
| Amitriptyline | 4.566 | 1641852 | 145.59 | 299.53 | 10256289 | 10.0000 |
| Amphetamine | 3.047 | 3581332 | 672.84 | 344.37 | 16940785 | 10.0000 |
| Benzoylecgonine | 3.407 | 91018 | 109945.62 | 17.47 | 492717 | 10.0000 |
| Bromazolam | 4.696 | 938760 | 4141.18 | 19533.33 | 18530261 | 10.0000 |
| Brompheniramine | 4.160 | 100848 | 260.84 | 547.75 | 51590091 | 10.0000 |
| Buprenorphine | 4.998 | 104223 | 8596.75 | 9617.16 | 5593388 | 10.0000 |
| Bupropion | 4.012 | 5698643 | 14820.33 | 294.94 | 23783070 | 10.0000 |
| Carbamazepine | 4.261 | 10021748 | ∞ | 505.12 | 224431 | 10.0000 |
| Carisoprodol | 4.244 | 1215545 | 476.24 | 61.72 | 10432009 | 10.0000 |
| Chlordiazepoxide | 4.764 | 808905 | 346.48 | 115.30 | 18530261 | 10.0000 |
| Chlorpheniramine | 4.072 | 8186539 | 202.26 | 24.35 | 16205525 | 10.0000 |
| Chlorpromazine | 4.761 | 1976581 | 434851.30 | 2382.88 | 11749809 | 10.0000 |
| Citalopram | 4.159 | 3227377 | 534.26 | 3058254.73 | 51590091 | 10.0000 |
| Clomipramine | 4.762 | 2750083 | 15476.78 | 4994.52 | 51590091 | 10.0000 |
| Clonazepam | 4.453 | 904177 | 422.37 | 130.57 | 224431 | 10.0000 |
| Clonazolam | 4.373 | 1068784 | 2522.04 | 217616.96 | 18530261 | 10.0000 |
| Clozapine | 4.559 | 4022740 | 407.64 | 128289.59 | 22521529 | 10.0000 |

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# AM #25 Multi-Drug Screen. Results

| Name | RT | Resp. | S/N | S/N | ISTD Resp. | Calc. Conc. |
|---|---|---|---|---|---|---|
| Cocaethylene | 3.928 | 4219025 | 1046383.87 | 740.12 | 34561084 | 10.0000 |
| Cocaine | 3.760 | 5040726 | 29340.86 | 690.07 | 34561084 | 10.0000 |
| Codeine | 3.344 | 310425 | 378.30 | 171357.10 | 11913260 | 10.0000 |
| Cyclobenzaprine | 4.458 | 2780529 | 423.93 | 147.18 | 10256289 | 10.0000 |
| Desipramine | 4.459 | 4043880 | 453.49 | 132.14 | 10256289 | 10.0000 |
| Dextromethorphan | 4.196 | 2171742 | 13301.90 | 406453.81 | 16205525 | 10.0000 |
| Dextrorphan | 3.502 | 2482149 | 2925305.72 | 824.63 | 16205525 | 10.0000 |
| Diazepam | 4.872 | 1063930 | 1642.27 | 894.02 | 18530261 | 10.0000 |
| Dihydrocodeine | 3.128 | 880284 | 9719.55 | 439.03 | 11913260 | 10.0000 |
| Diphenhydramine | 4.151 | 10664824 | 713.32 | 2487.87 | 51590091 | 10.0000 |
| DMT | 3.168 | 551318 | 848.59 | 1734.34 | 16205525 | 10.0000 |
| Doxepin | 4.272 | 2506561 | 187.91 | 15.24 | 32774156 | 10.0000 |
| Doxylamine | 3.763 | 8617103 | 9544.11 | 6002063.18 | 16205525 | 10.0000 |
| Duloxetine | 4.410 | 106145 | 57005.82 | 16329.91 | 1591683 | 10.0000 |
| EDDP | 4.149 | 221225 | 368.70 | 42058.10 | 1541462 | 10.0000 |
| Estazolam | 4.549 | 3818737 | 1447.60 | 587692.21 | 18530261 | 10.0000 |
| Etizolam | 4.635 | 313682 | 195188.56 | 311856.35 | 18530261 | 10.0000 |
| Fentanyl | 4.328 | 413463 | 249.41 | 707.67 | 27436507 | 10.0000 |
| Flualprazolam | 4.498 | 814509 | 308690.01 | 71698.94 | 18530261 | 10.0000 |
| Flunitrazepam | 4.577 | 1984473 | 10189.66 | ∞ | 18530261 | 10.0000 |
| Fluorofentanyl | 4.373 | 692755 | ∞ | 650.81 | 27436507 | 10.0000 |
| Fluoxetine | 4.408 | 2877816 | 911.74 | 59.06 | 4729233 | 10.0000 |
| Flurazepam | 4.387 | 3628735 | 1671408.36 | 183892.02 | 18530261 | 10.0000 |
| Hydrocodone | 3.468 | 1780306 | 367.62 | 439.71 | 11913260 | 10.0000 |
| Hydromorphone | 3.054 | 1000913 | 336.26 | 389.13 | 225042 | 10.0000 |
| Hydroxyzine | 4.664 | 3519464 | 1020.49 | 1145807.46 | 22521529 | 10.0000 |
| Imipramine | 4.519 | 7242770 | 1014.28 | 568.04 | 10256289 | 10.0000 |
| Ketamine | 3.966 | 4273960 | 3321.40 | 103.81 | 15103514 | 10.0000 |
| Lamotrigine | 3.687 | 3446790 | 4714.52 | 11479.73 | 51590091 | 10.0000 |
| Levamisole | 3.445 | 3387890 | 524.64 | 168.28 | 34561084 | 10.0000 |
| Levetiracetam | 2.694 | 2996884 | 566.47 | 470.88 | 51590091 | 10.0000 |
| Lorazepam | 4.453 | 316088 | 95.19 | 56.05 | 18530261 | 10.0000 |
| Maprotiline | 4.474 | 445339 | 34.79 | 72.81 | 10256289 | 10.0000 |
| MDA | 3.137 | 2773706 | 625.18 | 44.44 | 32931834 | 10.0000 |
| MDEA | 3.351 | 5456029 | 4593.76 | 136.42 | 32931834 | 10.0000 |
| MDMA | 3.229 | 6514132 | 539.34 | 169.58 | 32931834 | 10.0000 |
| Meperidine | 3.780 | 3250031 | 1029.85 | 1470.00 | 16205525 | 10.0000 |
| Meprobamate | 3.705 | 967617 | 353.22 | 109.59 | 10432009 | 10.0000 |
| Methadone | 4.485 | 7609184 | 40587.78 | 1917.42 | 1541462 | 10.0000 |
| Methamphetamine | 3.154 | 6728134 | 887.04 | 1262.28 | 32931834 | 10.0000 |
| Methocarbamol | 3.595 | 294745 | 95.56 | 171368.35 | 1541462 | 10.0000 |
| Methylphenidate | 3.658 | 11023642 | 578.25 | 585.90 | 22092007 | 10.0000 |
| Metoprolol | 3.531 | 867135 | 198.49 | 526232.73 | 16205525 | 10.0000 |
| Midazolam | 4.775 | 774944 | 56739.79 | 147891.22 | 18530261 | 10.0000 |
| Mirtazapine | 4.352 | 3964824 | 1966.16 | 847544.82 | 16205525 | 10.0000 |
| Mitragynine | 4.386 | 655491 | 255590.69 | 513956.86 | 16205525 | 10.0000 |
| Morphine | 2.917 | 257995 | 135.15 | 592.99 | 225042 | 10.0000 |
| Norbuprenorphine | 3.924 | 108803 | 32542.80 | 49215.26 | 5593388 | 10.0000 |
| Nordiazepam | 4.720 | 1378126 | 11204.25 | 444.15 | 18530261 | 10.0000 |
| Norfentanyl | 3.443 | 7230364 | 11260.54 | 2427.97 | 35650437 | 10.0000 |

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# AM #25 Multi-Drug Screen. Results

| Name | RT | Resp. | S/N | S/N | ISTD Resp. | Calc. Conc. |
|---|---|---|---|---|---|---|
| Norhydrocodone | 3.085 | 213724 | 112.93 | 76.52 | 225042 | 10.0000 |
| Norketamine | 4.029 | 757706 | 728.95 | 2459.14 | 15103514 | 10.0000 |
| Normeperidine | 3.704 | 3131856 | 175.26 | 191.11 | 51590091 | 10.0000 |
| Noroxycodone | 3.006 | 1408759 | ∞ | 889.98 | 15103514 | 10.0000 |
| Nortriptyline | 4.506 | 1892852 | 630.37 | 308.34 | 10256289 | 10.0000 |
| O-desmethyl-tramadol | 3.056 | 6928011 | 5127.23 | 263.47 | 51590091 | 10.0000 |
| O-desmethylvenlafaxine | 3.362 | 1772978 | 453.53 | 50185.98 | 10306283 | 10.0000 |
| Olanzapine | 4.068 | 1263517 | 567648.69 | 725.38 | 224431 | 10.0000 |
| Oxazepam | 4.534 | 1384448 | 315.71 | 125.93 | 11239047 | 10.0000 |
| Oxycodone | 3.296 | 2874773 | 353.08 | 281.35 | 15103514 | 10.0000 |
| Oxymorphone | 2.823 | 1879643 | ∞ | 6761.29 | 225042 | 10.0000 |
| Paroxetine | 4.420 | 539379 | 207.35 | 220703.31 | 4729233 | 10.0000 |
| Phenazepam | 4.650 | 2172165 | 489.09 | 2530.55 | 18530261 | 10.0000 |
| Phencyclidine | 4.012 | 6827520 | 276.85 | 235.65 | 16205525 | 10.0000 |
| Phentermine | 3.277 | 1992751 | 266.32 | 40.24 | 22092007 | 10.0000 |
| Phenytoin | 4.152 | 375678 | 768.46 | 26.73 | 224431 | 10.0000 |
| Primidone | 3.505 | 15392140 | 5274.58 | 1149.41 | 224431 | 10.0000 |
| Promethazine | 4.503 | 6716324 | 45433.61 | 866.59 | 51590091 | 10.0000 |
| Pseudoephedrine | 2.862 | 59808303 | 5257.00 | 22890.71 | 32931834 | 10.0000 |
| Quetiapine | 4.694 | 5661988 | 389.34 | 1316400.69 | 38521642 | 10.0000 |
| Risperidone | 4.263 | 7998157 | 15524.50 | 341.21 | 36423001 | 10.0000 |
| Sertraline | 4.671 | 905847 | 435701.41 | 975.96 | 4729233 | 10.0000 |
| Sufentanil | 4.694 | 347314 | 175159.60 | 146.46 | 35650437 | 10.0000 |
| Tapentadol | 3.551 | 5666415 | 1089.35 | 3135.41 | 15103514 | 10.0000 |
| Temazepam | 4.687 | 3730004 | 485.89 | 173.95 | 18530261 | 10.0000 |
| Topiramate | 3.880 | 774451 | 322.34 | 374270.85 | 373996 | 10.0000 |
| Tramadol | 3.547 | 13409513 | 162.85 | 53.00 | 51590091 | 10.0000 |
| Trazodone | 4.863 | 7215458 | 9336322.03 | 1342797.42 | 32774156 | 10.0000 |
| Venlafaxine | 3.917 | 7939411 | 917.47 | 210.38 | 10306283 | 10.0000 |
| Xylazine | 3.551 | 2649779 | 611.25 | 28.26 | 15103514 | 10.0000 |
| Zaleplon | 4.348 | 2150507 | 705.21 | 750.48 | 38521642 | 10.0000 |
| Zolpidem | 4.486 | 10337772 | 3647280.16 | 1557236.77 | 38521642 | 10.0000 |
| Zopiclone | 4.433 | 731692 | 196352.82 | 266.10 | 3840864 | 10.0000 |

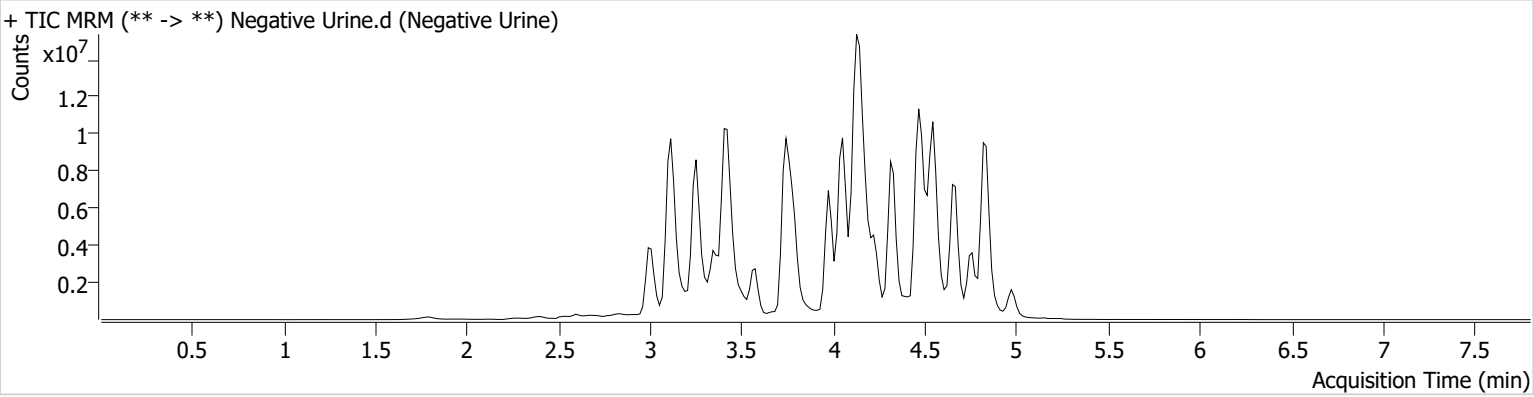
TS

# AM #25 Multi-Drug Screen. Results

| | |
|---|---|
| **Batch results** | D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 25.batch.bin |
| **Calibration Last Update** | 3/27/2024 10:00:30 AM |

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | Negative Urine.d |
| **Type** | Sample | **Sample** | Negative Urine |
| **Acq. Method** | AM 25 MDS.m | **Operator** | Tamara Salazar |
| **Sample Position** | P2-A10 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 5 | | |
| **Acq. Date-Time** | 3/20/2024 9:43:00 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**



TS

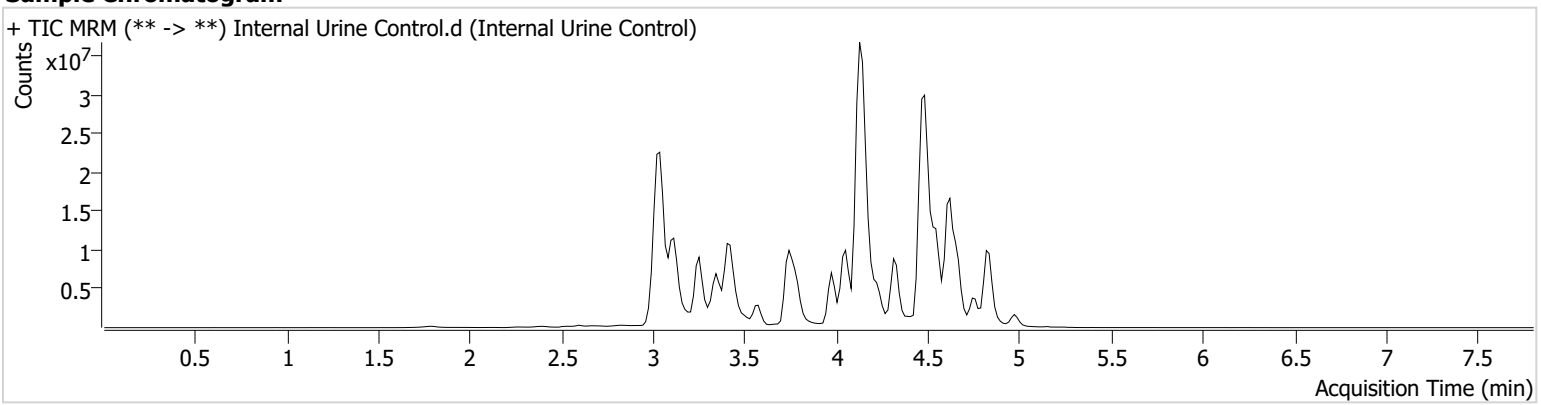
# AM #25 Multi-Drug Screen. Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 25.batch.bin
**Calibration Last Update** 3/27/2024 10:00:30 AM

**Instrument** Falco (069901)
**Type** Sample
**Acq. Method** AM 25 MDS.m
**Sample Position** P2-F12
**Injection Volume** 5
**Acq. Date-Time** 3/20/2024 9:34:34 PM
**Sample Info.**

**Data File** Internal Urine Control.d
**Sample** Internal Urine Control
**Operator** Tamara Salazar
**Comment** Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

**Sample Chromatogram**




| Name | RT | Resp. | S/N | S/N | ISTD Resp. | Calc. Conc. |
|---|---|---|---|---|---|---|
| Alprazolam | 4.624 | 24334550 | 5956.13 | 952.55 | 15474555 | 135.1888 |
| Amphetamine | 3.047 | 34489729 | 1176.29 | 549.77 | 12348388 | 132.1200 |
| Codeine | 3.344 | 3653178 | 1941540.37 | 6516.91 | 9321724 | 150.4001 |
| Diphenhydramine | 4.136 | 57041775 | 26507.71 | 2718.23 | 45567161 | 60.5555 |
| Zolpidem | 4.486 | 50817093 | 885436.73 | 4274.96 | 34775073 | 54.4527 |

TS

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

Extraction Date: 03/20/2024
Plate lot#: 231212
Mobile phase A: 10mM Amm Form in LCMS Water
Blank Blood Lot: Lampire 23A52595
LCMS-QQQ ID: 069901

Analyst: Tamara Salazar
Plate Retest Date: 06/12/2024
Mobile phase B: 0.1% Formic acid in MeOH
Blank Urine Lot: POC021022
Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

## 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: 42
☒ 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 5. 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.
☒ 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒ 7. Transfer **700-800µL of blood+acid or urine+acid** mixture to corresponding wells of SLE+ plate. Amount transferred*: 750 µL*
☒ 8. 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)***
☒ 9. Wait 5 minutes.
☒ 10. Add **2.25mL MTBE. (*Add in 3 increments of 750uL)***
☒ 11. Wait 5 minutes.
☒ 12. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 13. Add **2.25mL Hexane. (*Add in 3 increments of 750uL)***
☒ 14. Wait 5 minutes.
☒ 15. Apply positive pressure for approx. 15 seconds. ***(10-15 PSI- Selector to the left).***
☒ 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
☒ 17. 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:. THC 3-100 – calibrator 1 dropped due to retention time shifts and poor chromatography.

TS

Analytical Plate Map

| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| A | IS + Cal. 1 | IS + QC_1 | P2024-0343-2 | P2024-0699-1 | M2024-0433-3 | IS + QC_1 |
| B | IS + Cal. 2 | Neg Blood | P2024-0457-1 | P2024-0709-1 | P2024-0480-1 | IS + Cal. 7 |
| C | IS + Cal. 3 | M2024-0741-1 | P2024-0495-1 | P2024-0730-1 | | IS + Cal. 6 |
| D | IS + Cal. 4 | M2024-0742-1 | P2024-0637-1 | P2024-0755-2 | | IS + Cal. 5 |
| E | IS + Cal. 5 | M2024-0755-5 | P2024-0677-1 | Neg Urine | | IS + Cal. 4 |
| F | IS + Cal. 6 | M2024-0929-6 | P2024-0678-1 | M2024-0020-2 | | IS + Cal. 3 |
| G | IS + Cal. 7 | M2024-0930-2 | P2024-0679-1 | M2024-0015-2 | | IS + Cal. 2 |
| H | IS + QC_1 | M2024-0931-2 | P2024-0680-1 | P2024-0113-2 | IS + QC_1 | IS + Cal. 1 |

All wells to contain 100 µl of residual DMSO

TS

SLE Plate Map

| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| A | IS + Cal. 1 | IS + QC_1 | P2024-0343-2 | P2024-0699-1 | M2024-0433-3 | |
| B | IS + Cal. 2 | Neg Blood | P2024-0457-1 | P2024-0709-1 | P2024-0480-1 | |
| C | IS + Cal. 3 | M2024-0741-1 | P2024-0495-1 | P2024-0730-1 | | |
| D | IS + Cal. 4 | M2024-0742-1 | P2024-0637-1 | P2024-0755-2 | | |
| E | IS + Cal. 5 | M2024-0755-5 | P2024-0677-1 | Neg Urine | | |
| F | IS + Cal. 6 | M2024-0929-6 | P2024-0678-1 | M2024-0020-2 | | |
| G | IS + Cal. 7 | M2024-0930-2 | P2024-0679-1 | M2024-0015-2 | | |
| H | IS + QC_1 | M2024-0931-2 | P2024-0680-1* | P2024-0113-2 | P2024-0680-1* | |

*Sample moved during step 7 of the extraction due to clotting.

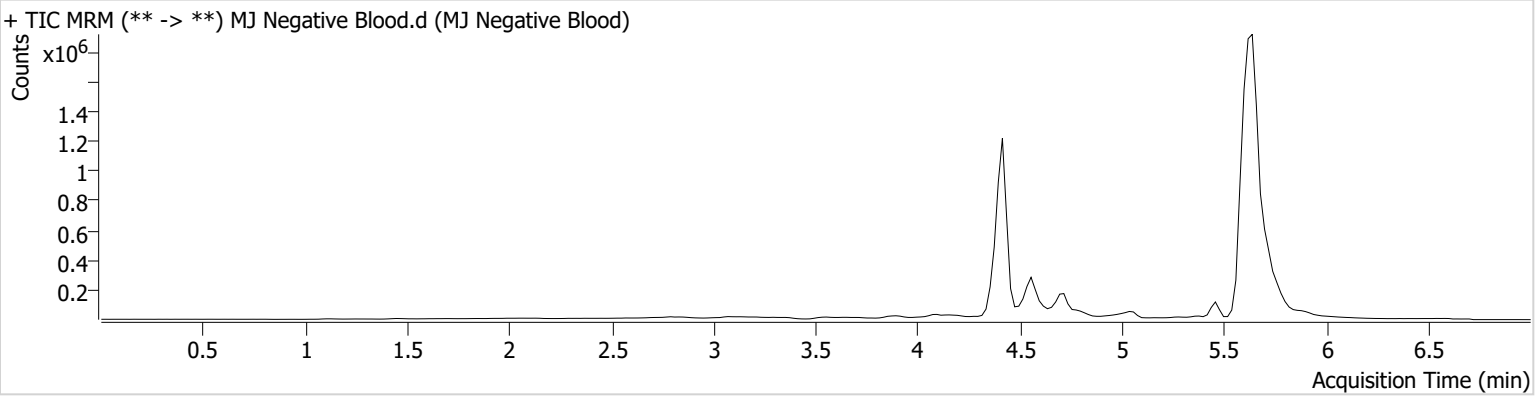
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Negative Blood.d |
| **Type** | Sample | **Sample** | MJ Negative Blood |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-B2 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 2:16:33 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**



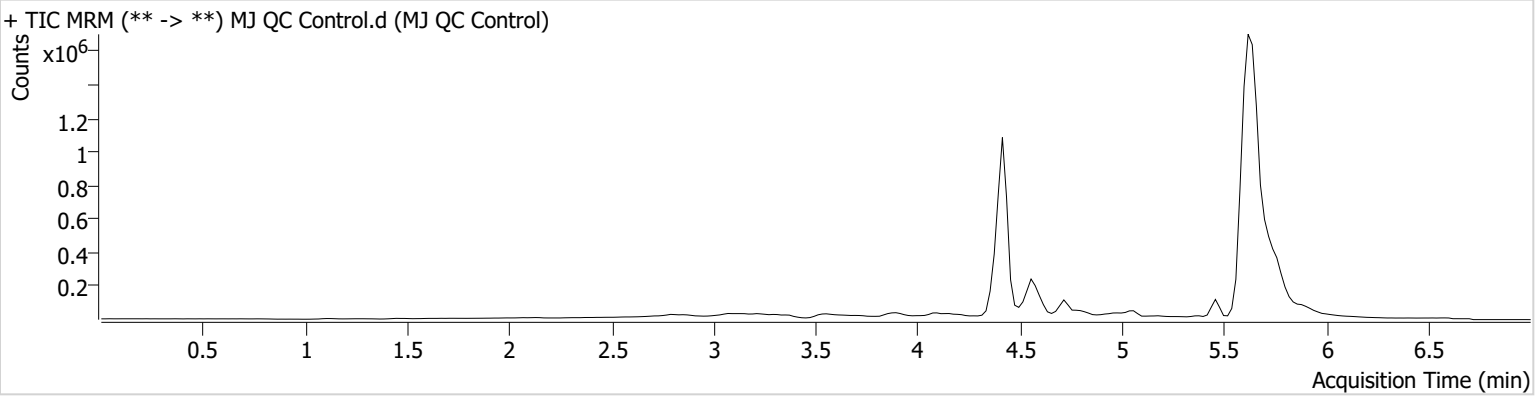
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ QC Control.d |
| **Type** | QC | **Sample** | MJ QC Control |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-H1 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 2:01:21 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 5.590 | 9339 | 279293 | 6.30 ng/ml |
| THC-COOH | 4.596 | 103301 | 682508 | 12.79 ng/ml |
| THC-OH | 4.422 | 34948 | 3737336 | 4.83 ng/ml |

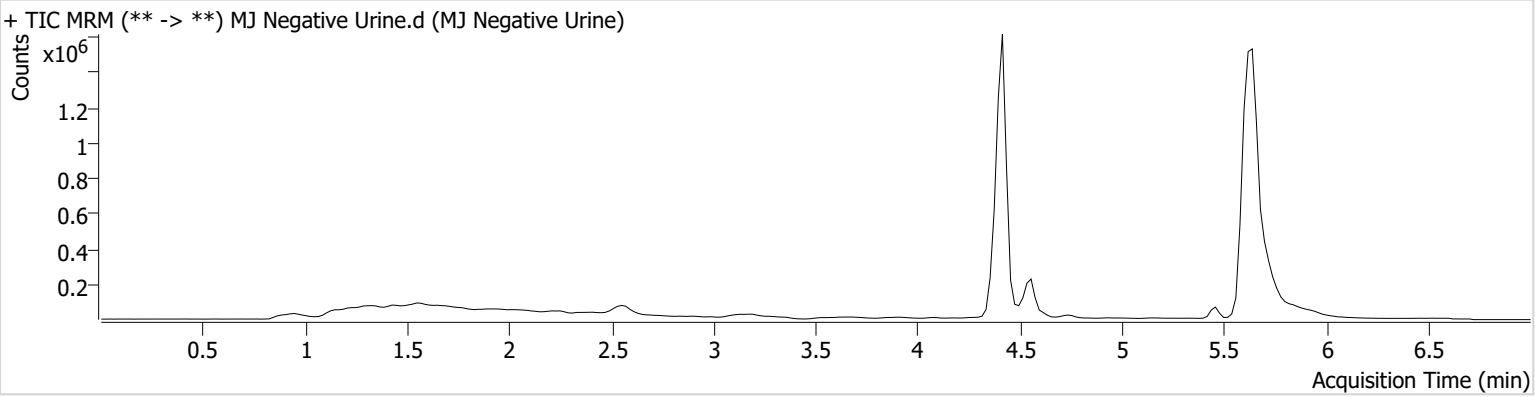
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Negative Urine.d |
| **Type** | Sample | **Sample** | MJ Negative Urine |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-E4 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 4:55:43 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**



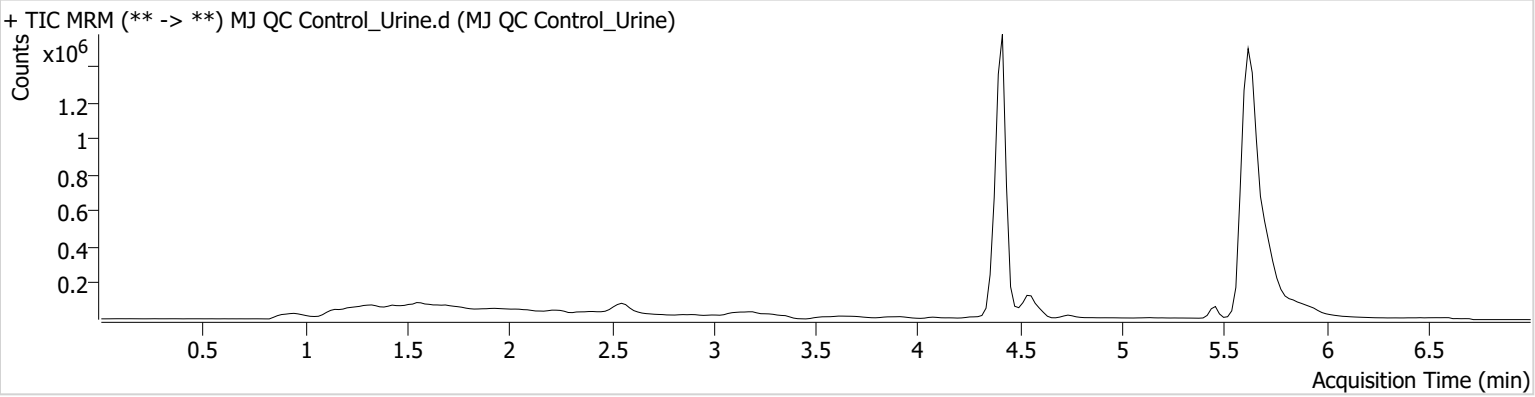
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ QC Control_Urine.d |
| **Type** | Sample | **Sample** | MJ QC Control_Urine |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-A2 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 4:40:32 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**

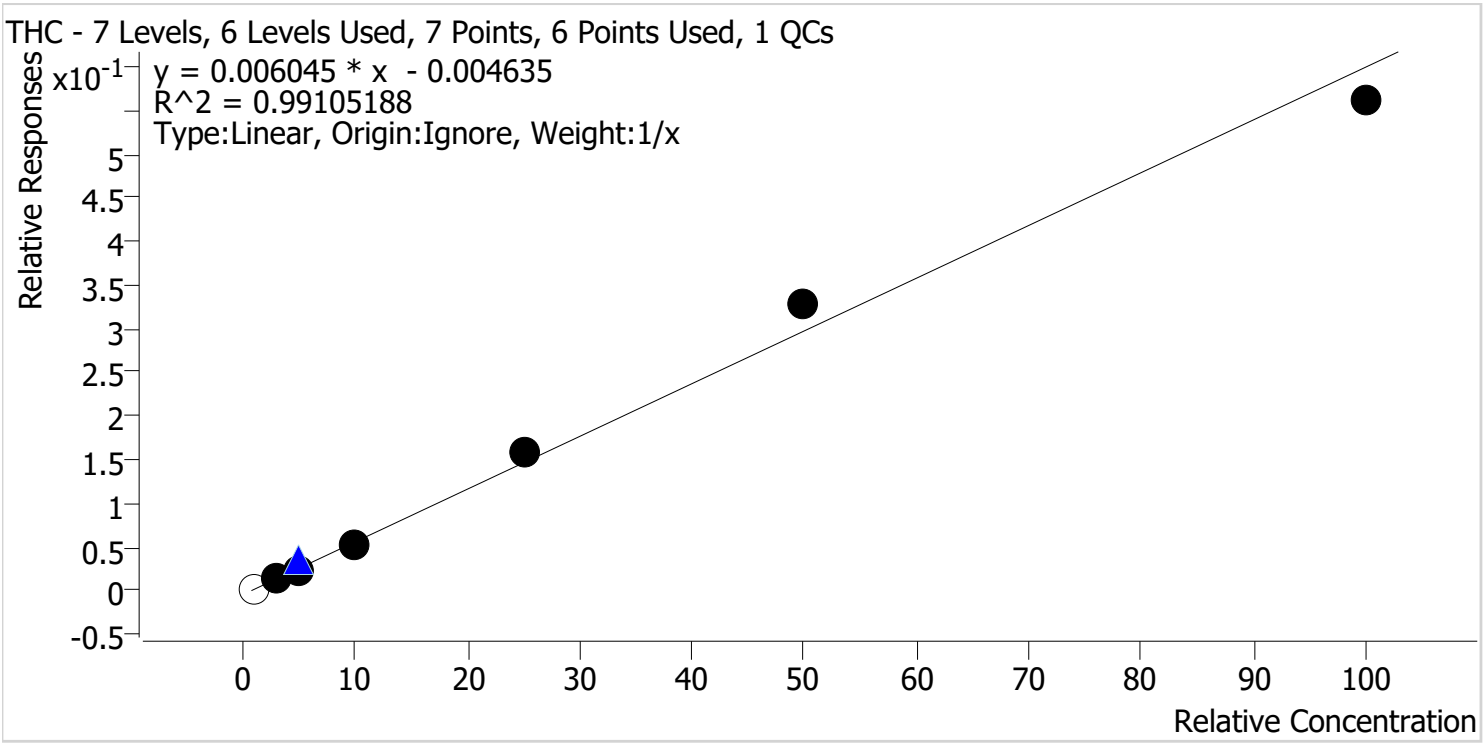



| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 5.590 | 2316 | 64262 | 6.73 ng/ml |
| THC-COOH | 4.576 | 53519 | 474647 | 9.59 ng/ml |
| THC-OH | 4.422 | 50469 | 5364270 | 4.86 ng/ml |

TS

# AM #26 Cannabinoids Screen Calibration Curve Report

| | |
|---|---|
| **Batch results** | D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin |
| **Last Cal. Update** | 3/21/2024 8:07 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 | 113.4 |
| MJ Cal 2 | 2 | ✔ | 3.0 | 3.1 | 103.8 |
| MJ Cal 3 | 3 | ✔ | 5.0 | 4.6 | 91.3 |
| MJ Cal 4 | 4 | ✔ | 10.0 | 9.2 | 91.6 |
| MJ Cal 5 | 5 | ✔ | 25.0 | 27.3 | 109.2 |
| MJ Cal 6 | 6 | ✔ | 50.0 | 55.2 | 110.5 |
| MJ Cal 7 | 7 | ✔ | 100.0 | 93.6 | 93.6 |

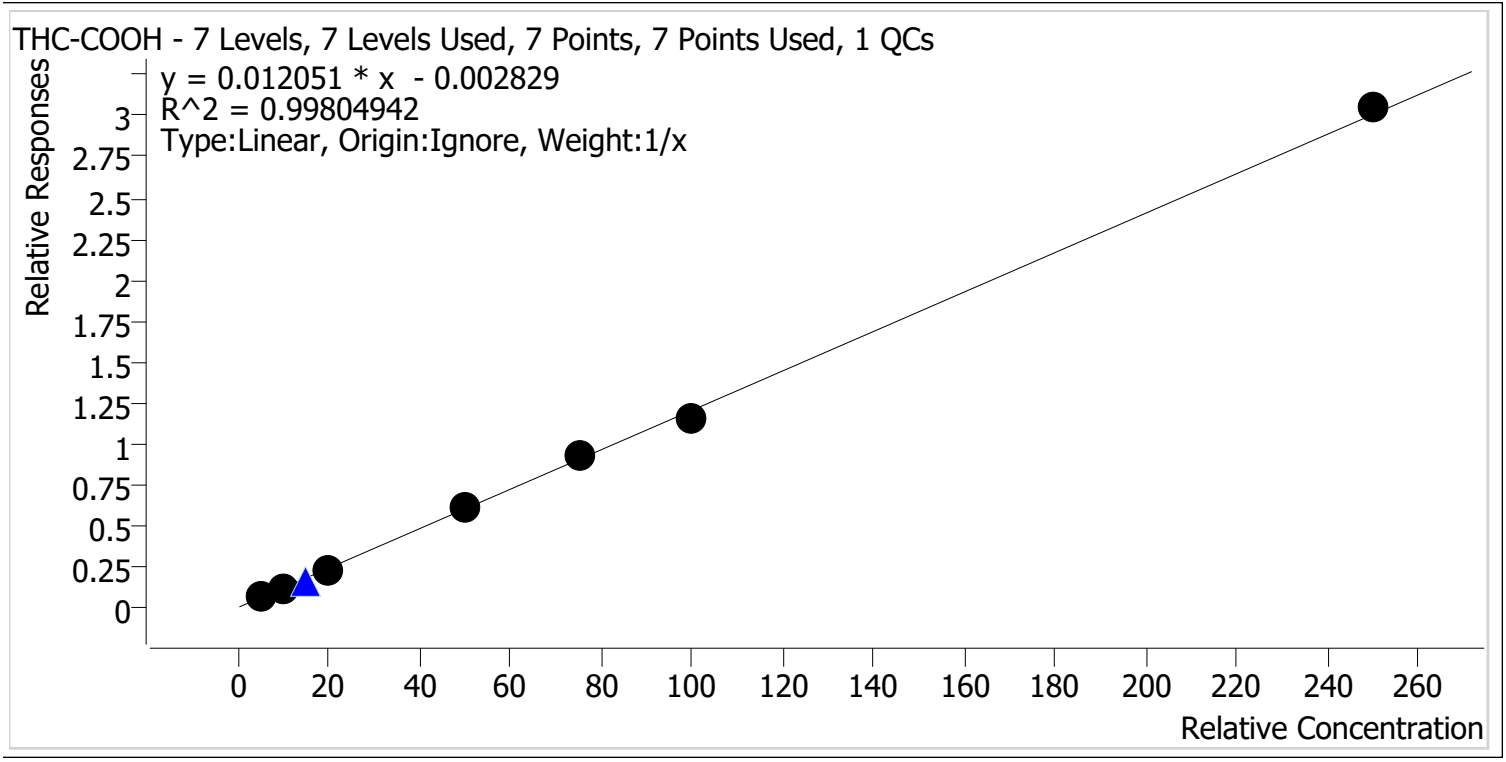


Generated at 10:03 AM on 3/27/2024

TS

# AM #26 Cannabinoids Screen Calibration Curve Report

| | |
|---|---|
| **Batch results** | D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin |
| **Last Cal. Update** | 3/21/2024 8:07 AM |
| **Analyst Name** | ISP\datastor |
| **Analyte** | THC-COOH |
| **Internal Standard** | THC-COOH-D9 |

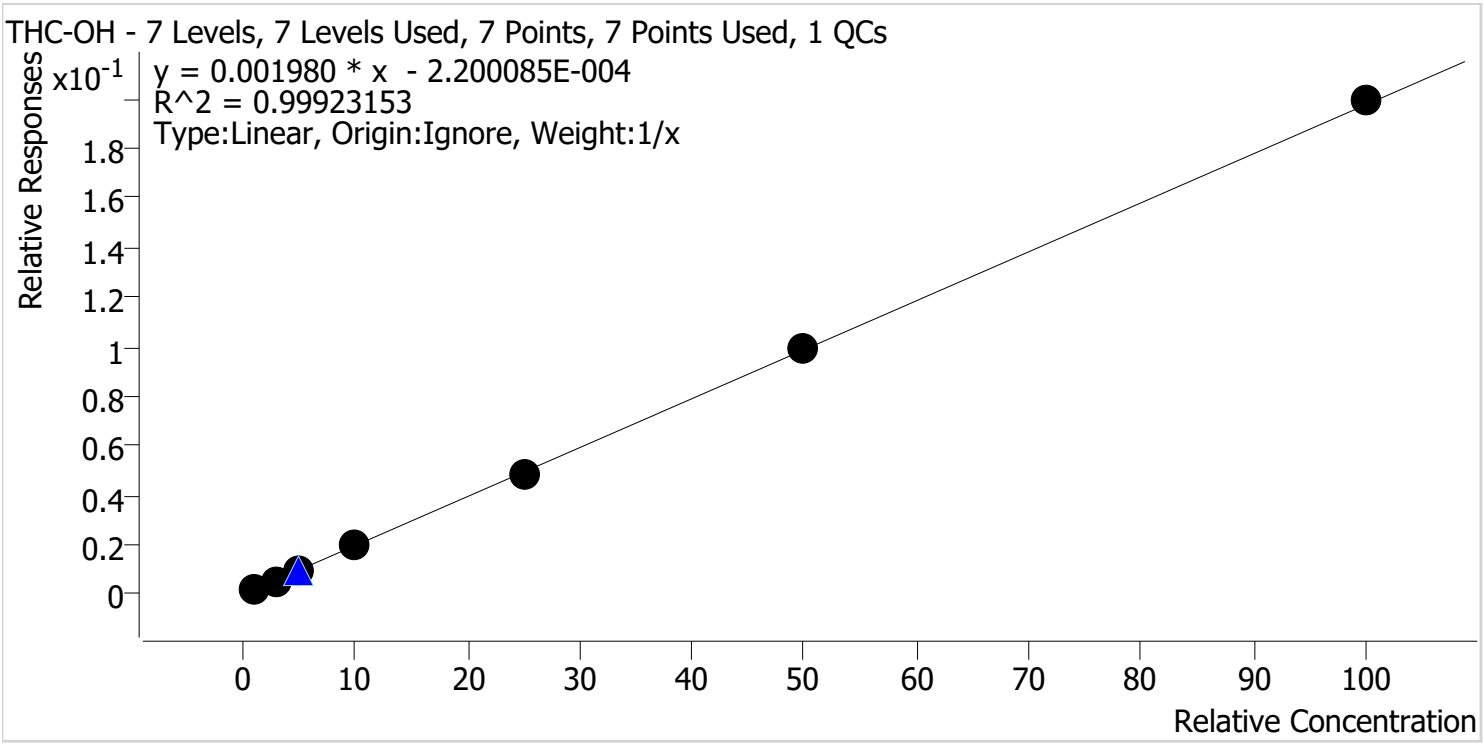



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|---|---|---|---|---|---|
| MJ Cal 1 | 1 | ✔ | 5.0 | 5.9 | 118.6 |
| MJ Cal 2 | 2 | ✔ | 10.0 | 8.6 | 85.6 |
| MJ Cal 3 | 3 | ✔ | 20.0 | 19.1 | 95.7 |
| MJ Cal 4 | 4 | ✔ | 50.0 | 49.9 | 99.8 |
| MJ Cal 5 | 5 | ✔ | 75.0 | 77.5 | 103.4 |
| MJ Cal 6 | 6 | ✔ | 100.0 | 95.5 | 95.5 |
| MJ Cal 7 | 7 | ✔ | 250.0 | 253.4 | 101.4 |

TS

# AM #26 Cannabinoids Screen Calibration Curve Report

| | |
|---|---|
| **Batch results** | D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin |
| **Last Cal. Update** | 3/21/2024 8:07 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 | 1.2 | 119.6 |
| MJ Cal 2 | 2 | ✔ | 3.0 | 2.6 | 87.5 |
| MJ Cal 3 | 3 | ✔ | 5.0 | 4.7 | 94.4 |
| MJ Cal 4 | 4 | ✔ | 10.0 | 10.0 | 99.6 |
| MJ Cal 5 | 5 | ✔ | 25.0 | 24.3 | 97.4 |
| MJ Cal 6 | 6 | ✔ | 50.0 | 50.3 | 100.7 |
| MJ Cal 7 | 7 | ✔ | 100.0 | 100.8 | 100.8 |

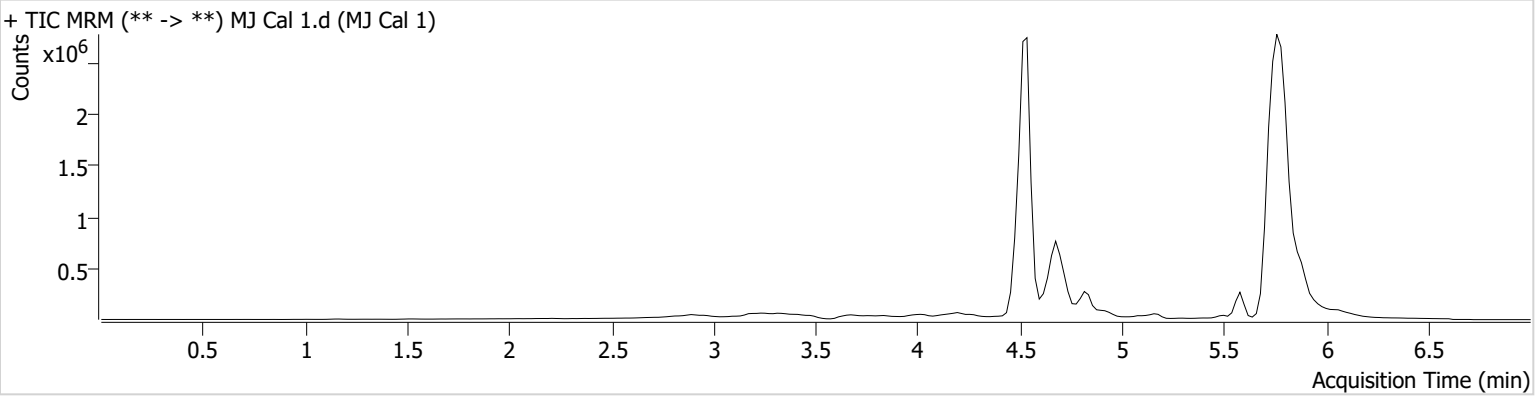
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Cal 1.d |
| **Type** | Cal | **Sample** | MJ Cal 1 |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-A1 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 1:08:08 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 5.710 **High** | 872 | 393297 | 1.13 ng/ml **Low** |
| THC-COOH | 4.716 **High** | 190833 | 2780159 | 5.93 ng/ml |
| THC-OH | 4.543 **High** | 23634 | 11001491 | 1.20 ng/ml **Low** |

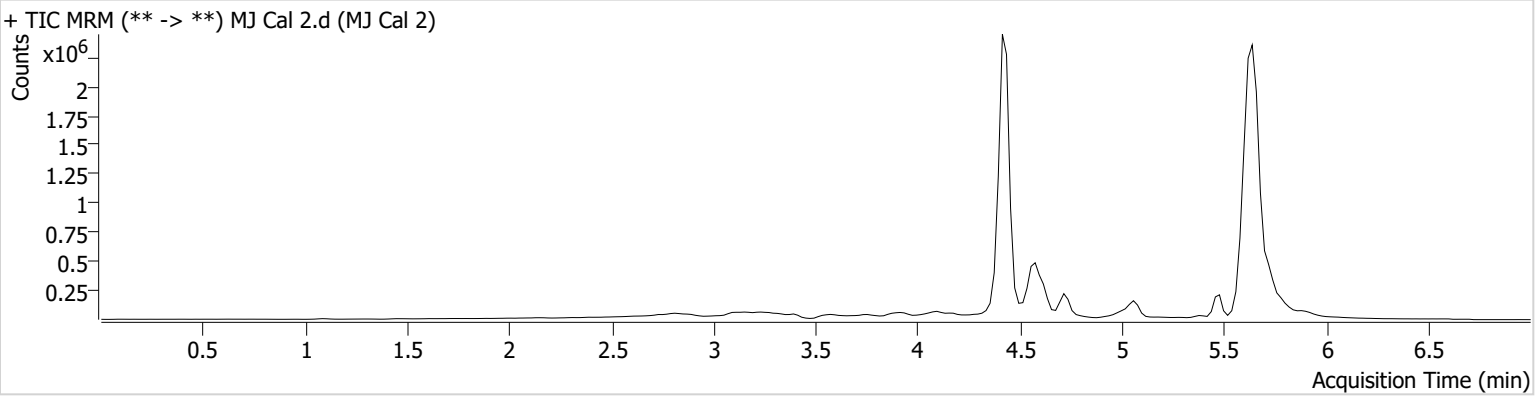
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Cal 2.d |
| **Type** | Cal | **Sample** | MJ Cal 2 |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-B1 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 1:15:52 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 5.590 | 9107 | 641740 | 3.11 ng/ml |
| THC-COOH | 4.616 | 177820 | 1772233 | 8.56 ng/ml |
| THC-OH | 4.442 | 43374 | 8707897 | 2.63 ng/ml **Low** |

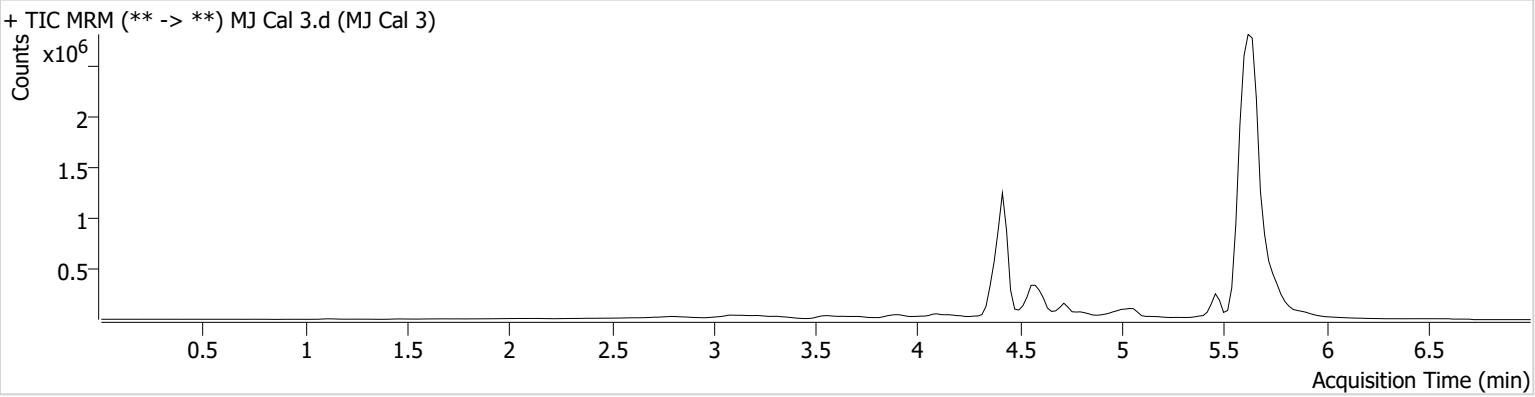
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Cal 3.d |
| **Type** | Cal | **Sample** | MJ Cal 3 |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-C1 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 1:23:29 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 5.570 | 18564 | 808929 | 4.56 ng/ml |
| THC-COOH | 4.596 | 237075 | 1040204 | 19.15 ng/ml |
| THC-OH | 4.422 | 43325 | 4748300 | 4.72 ng/ml |

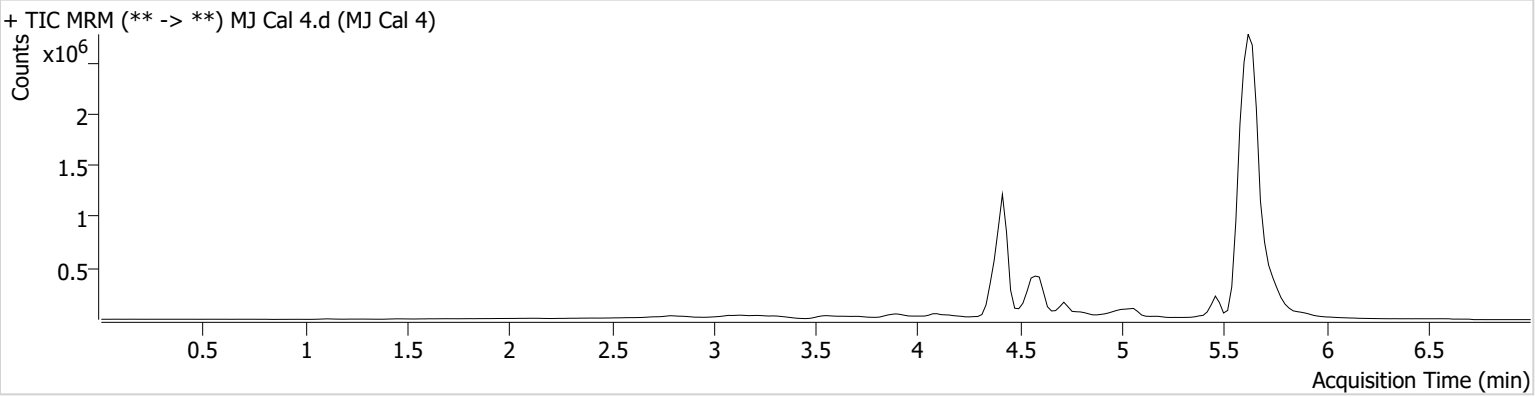
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Cal 4.d |
| **Type** | Cal | **Sample** | MJ Cal 4 |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-D1 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 1:31:03 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 5.570 | 40182 | 791871 | 9.16 ng/ml |
| THC-COOH | 4.596 | 515275 | 860570 | 49.92 ng/ml |
| THC-OH | 4.422 | 85713 | 4394160 | 9.96 ng/ml |

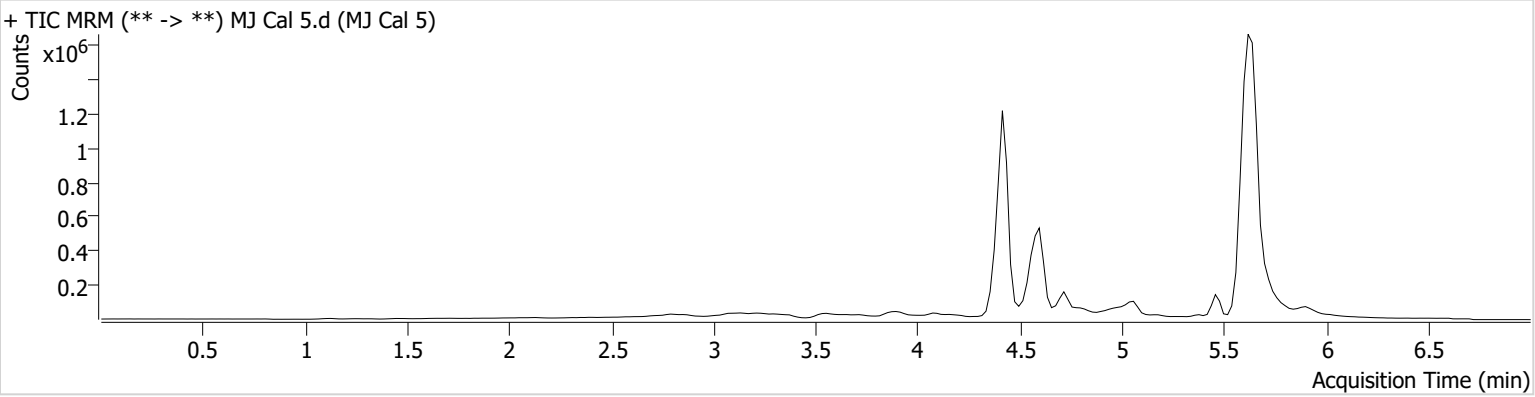
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Cal 5.d |
| **Type** | Cal | **Sample** | MJ Cal 5 |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-E1 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 1:38:38 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 5.590 | 74303 | 463129 | 27.31 ng/ml |
| THC-COOH | 4.596 | 637102 | 683912 | 77.53 ng/ml |
| THC-OH | 4.422 | 158281 | 3298572 | 24.34 ng/ml |

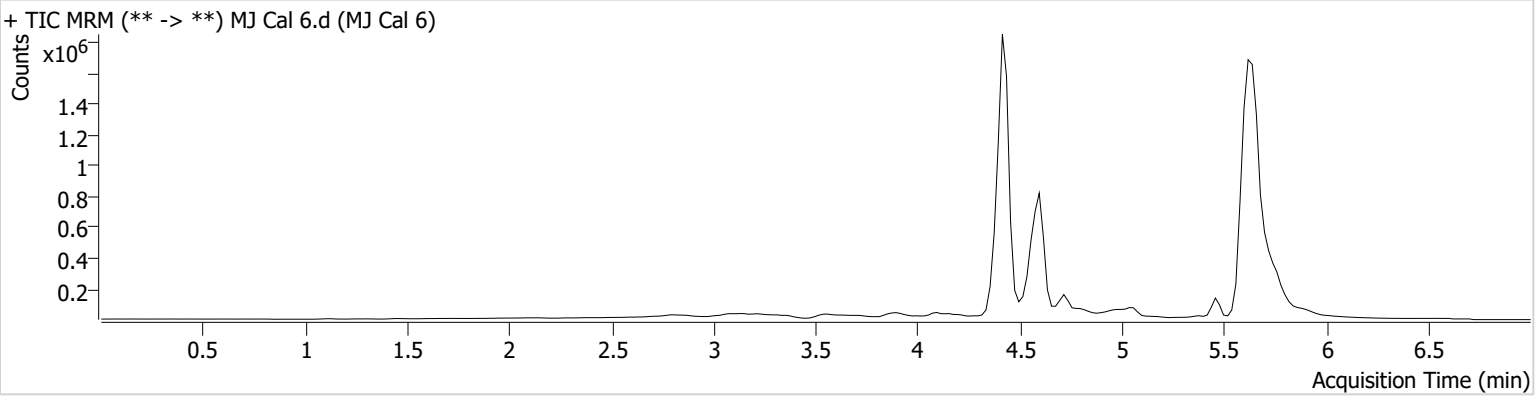
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Cal 6.d |
| **Type** | Cal | **Sample** | MJ Cal 6 |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-F1 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 1:46:13 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 5.590 | 155206 | 471394 | 55.23 ng/ml |
| THC-COOH | 4.596 | 996733 | 868491 | 95.46 ng/ml |
| THC-OH | 4.422 | 402499 | 4047485 | 50.33 ng/ml |

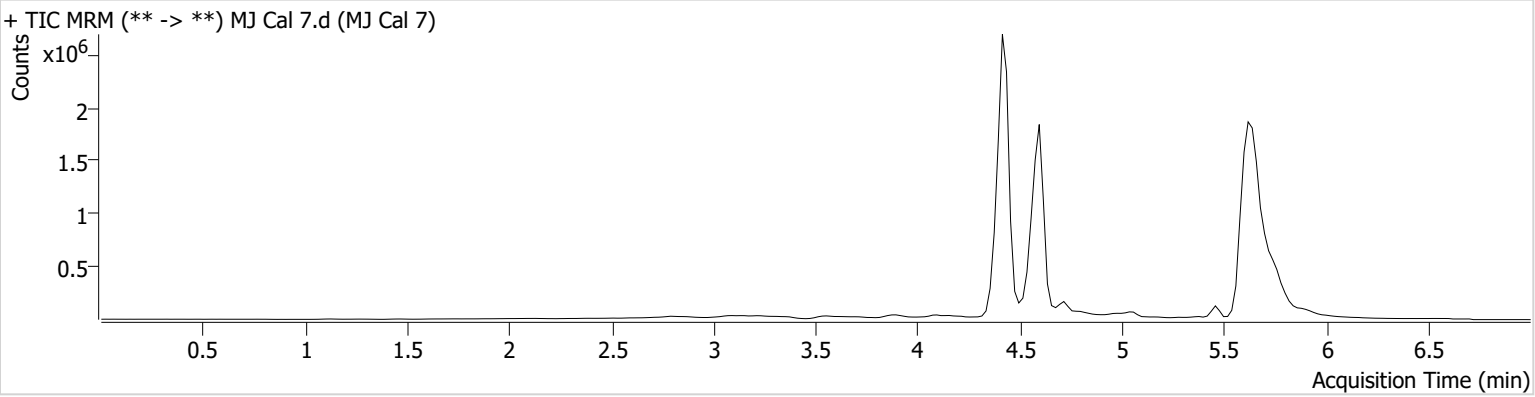
TS

# AM #26 Cannabinoids Screen Results

**Batch results** D:\MassHunter\Data\2024\AM 25 26\031924 AM 25 26 TS\QuantResults\AM 26.batch.bin
**Calibration Last Update** 3/21/2024 8:07:51 AM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Cal 7.d |
| **Type** | Cal | **Sample** | MJ Cal 7 |
| **Acq. Method** | AM 26 THC.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-G1 | **Comment** | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| **Injection Volume** | 10 | | |
| **Acq. Date-Time** | 3/20/2024 1:53:47 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**




| Name | RT | Resp. | ISTD Resp. | Final Conc. |
|---|---|---|---|---|
| THC | 5.590 | 152764 | 272161 | 93.62 ng/ml |
| THC-COOH | 4.596 | 2477502 | 811872 | 253.45 ng/ml |
| THC-OH | 4.422 | 809183 | 4057486 | 100.82 ng/ml |