## Worklist: 7034

| LAB  CASE | ITEM | ITEM  TYPE | DESCRIPTION | |
|-----------|------|-----------|-------------|---|
| M2025-0071 | 2 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0075 | 2 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0081 | 1 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0085 | 1 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0126 | 1 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0128 | 1 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0132 | 1 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0133 | 1 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0154 | 1 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0169 | 2 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
| P2025-0218 | 1 | BCK | AM 27 Blood THC Quant by LC-QQQ | |
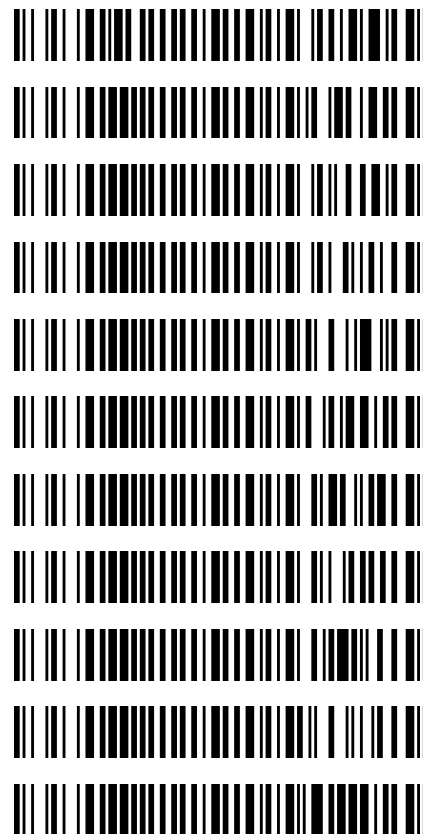
# AM# 27: Quantitation of THC and Metabolites in Blood and Urine by LC-MS/MS

Extraction Date:  01/29/2025                     Analyst:  Tamara Salazar
Plate lot#:  240919                                    Plate Retest Date:  03/19/2025
Mobile phase A:  0.1% Formic Acid in LCMS Water        Mobile phase B:  0.1% Formic acid in Acetonitrile
Blank Blood Lot:  Lampire 24C52817              Blank Urine Lot: N/A
Column:  UCT Selectra DA 100 x 2.1mm 3um        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 1000µL blood or 1000µL urine in wells of analytical (standards) plate.  **Pipette ID: 42**
☐  3.  ==Urine hydrolysis add **100 ul BG turbo, and 200 ul BG turbo buffer** to the urine samples in wells of the analytical plate==.
☒  4.  Add **500µL of 0.1% formic acid in water** in the wells of the analytical plate.
☒  5.  Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
☒  6.  Transfer **700-800µL of blood+acid or urine+acid** mixture to corresponding wells of SLE+ plate.
      Amount transferred: **750 µL**
☒  7.  Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
      (***Load at 85-100 PSI- Selector to the right***) *Manifold ID: 067104*
☒  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.
      *SPE Dry ID: 067103*
☒  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, Curve weighting of Linear 1/x with $r^2$ values ≥0.98 for each analyte
☒  3.  RT +/- 3% or 0.100 min, whichever is greater, +/- 20% Accuracy for greater than (+/- 30% for 10ng/ml or less).
       Ion ratios must be within +/- 20% of the averaged calibrators
☒  4.  Did all QCs pass for each analyte?  (if not, describe in comments section)
☒  5.  Enter QCs into control charting.
☒  6.  Central File Packet to include:  LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Mobile phase ran out mid-run.  The mobile phase was remade. The negative control and QC were re-injected as the run was continued.

Analytical Plate Map

|  | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| A | IS + Cal. 1 | IS + QC_1 |  |  | P2025-0126-1 | IS + QC_1 |
| B | IS + Cal. 2 | IS + QC_2 |  |  | P2025-0085-1 | IS + Cal. 7 |
| C | IS + Cal. 3 |  |  | P2025-0218-1 | P2025-0081-1 | IS + Cal. 6 |
| D | IS + Cal. 4 |  |  | P2025-0169-2 | P2025-0075-2 | IS + Cal. 5 |
| E | IS + Cal. 5 |  |  | P2025-0154-1 | M2025-0071-2 | IS + Cal. 4 |
| F | IS + Cal. 6 |  |  | P2025-0133-1 | Neg Blood | IS + Cal. 3 |
| G | IS + Cal. 7 |  |  | P2025-0132-1 | IS + QC_2 | IS + Cal. 2 |
| H | IS + QC_1 |  |  | P2025-0128-1 | IS + QC_1 | IS + Cal. 1 |

All wells to contain 100 µl of residual DMSO

SLE Plate Map

|  | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| A | IS + Cal. 1 | IS + QC_1 | | P2025-0133-1 | P2025-0126-1 | IS + QC_1 |
| B | IS + Cal. 2 | IS + QC_2 | | M2025-0071-2 | P2025-0085-1 | IS + Cal. 7 |
| C | IS + Cal. 3 | | | P2025-0218-1 | P2025-0081-1 | IS + Cal. 6 |
| D | IS + Cal. 4 | | | P2025-0169-2 | P2025-0075-2 | IS + Cal. 5 |
| E | IS + Cal. 5 | | | P2025-0154-1 | M2025-0071-2* | IS + Cal. 4 |
| F | IS + Cal. 6 | | | P2025-0133-1* | Neg Blood | IS + Cal. 3 |
| G | IS + Cal. 7 | | | P2025-0132-1 | IS + QC_2 | IS + Cal. 2 |
| H | IS + QC_1 | | | P2025-0128-1 | IS + QC_1 | IS + Cal. 1 |

*Sample moved during step 6 of the extraction due to clotting.
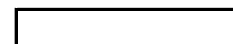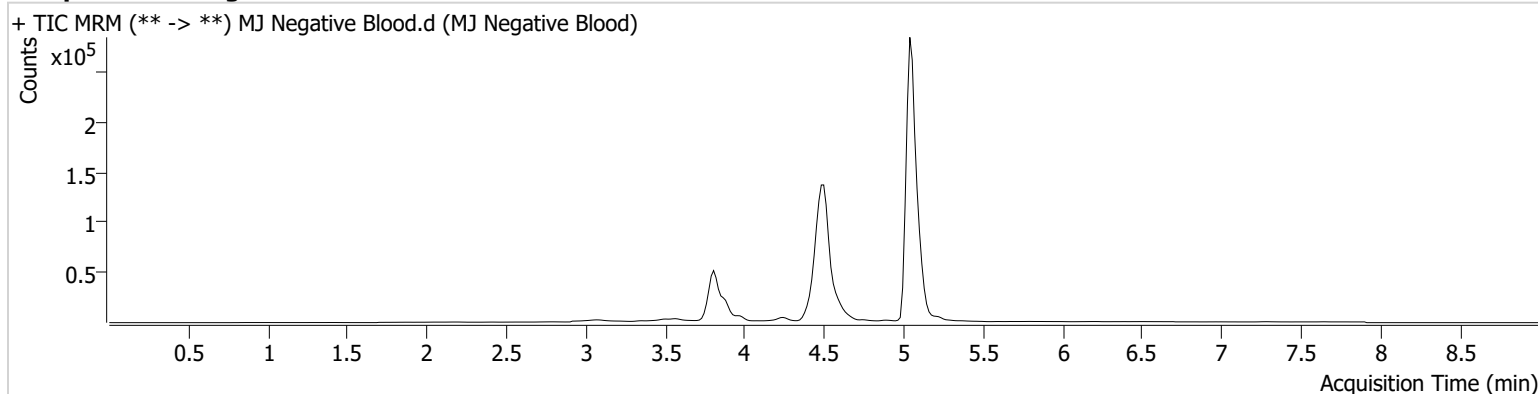
# AM #27 Cannabinoids Quant. Results

**Batch results**      D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**   1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Negative Blood.d |
| **Type** | Sample | **Sample** | MJ Negative Blood |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-F5 | **Comment** | Only drugs and concentrations listed on the laboratory |
| **Injection Volume** | 10 | | report itself are appropriate to be used for |
| **Acq. Date-Time** | 1/29/2025 6:02:53 PM | | interpretation purposes. Any drugs or values included |
| **Sample Info.** | | | 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**



+ TIC MRM (** -> **) MJ Negative Blood.d (MJ Negative Blood)
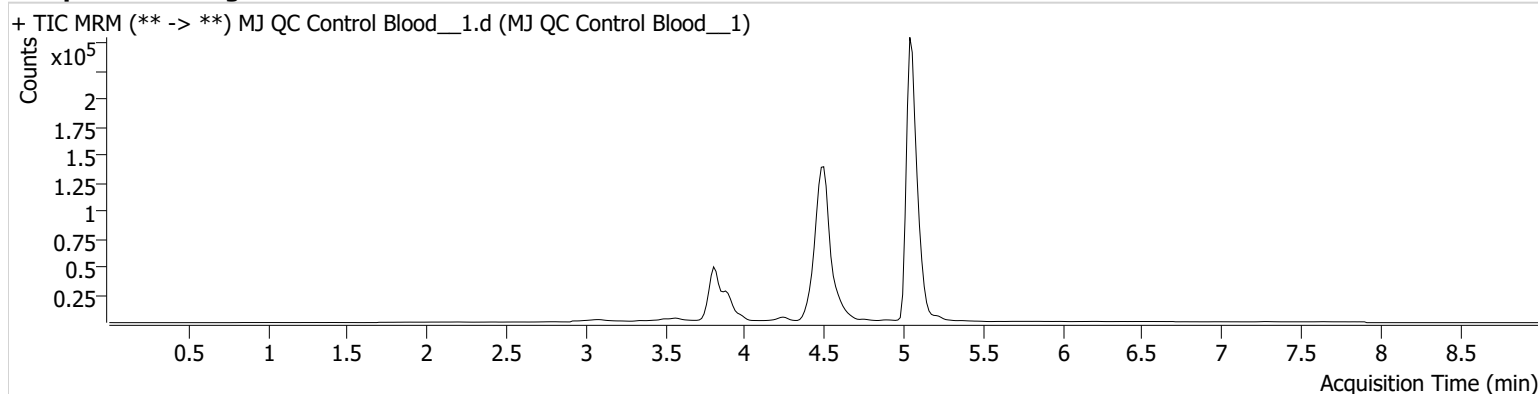
# AM #27 Cannabinoids Quant. Results

**Batch results**      D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**    1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ QC Control Blood__1.d |
| **Type** | QC | **Sample** | MJ QC Control Blood__1 |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-A6 | **Comment** | Only drugs and concentrations listed on the laboratory |
| **Injection Volume** | 10 | | report itself are appropriate to be used for |
| **Acq. Date-Time** | 1/29/2025 5:36:40 PM | | interpretation purposes. Any drugs or values included |
| **Sample Info.** | | | 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



+ TIC MRM (** -> **) MJ QC Control Blood__1.d (MJ QC Control Blood__1)

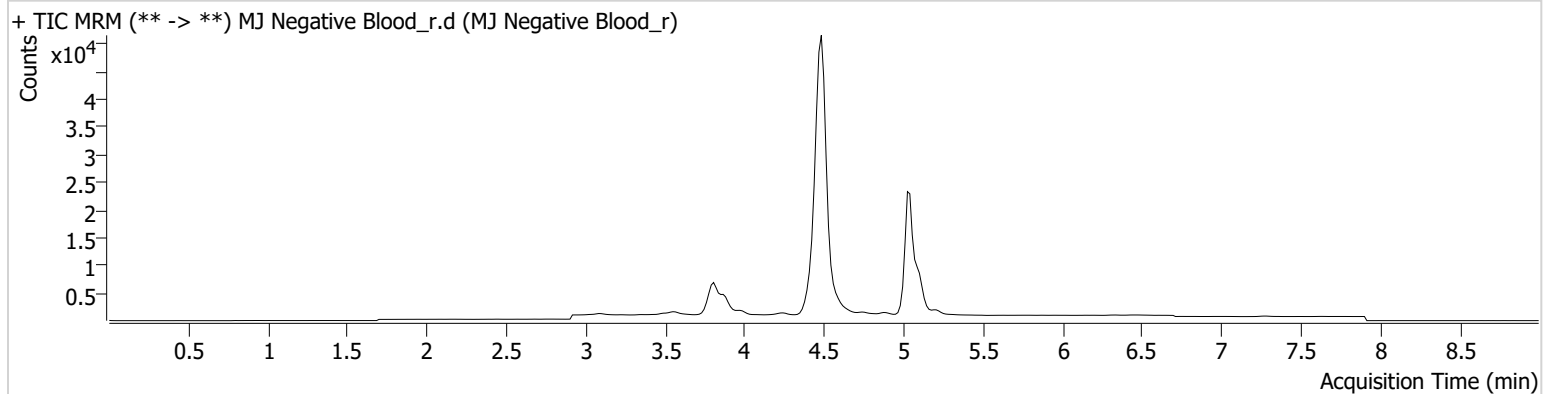| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.060 | 48207 | ∞ | 25.8 | ∞ | 995958 | 5.0147 ng/ml |
| THC-COOH | 3.894 | 6471 | 191.42 | 224.1 | 139.08 | 64774 | 14.6511 ng/ml |
| THC-OH | 3.820 | 13494 | ∞ | 16.5 | ∞ | 188907 | 5.1313 ng/ml |

# AM #27 Cannabinoids Quant. Results

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**Batch results**          D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**   1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ Negative Blood_r.d |
| **Type** | Sample | **Sample** | MJ Negative Blood_r |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-F5 | **Comment** | Only drugs and concentrations listed on the laboratory |
| **Injection Volume** | 10 | | report itself are appropriate to be used for |
| **Acq. Date-Time** | 1/30/2025 8:53:31 AM | | interpretation purposes. Any drugs or values included |
| **Sample Info.** | | | 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**

+ TIC MRM (** -> **) MJ Negative Blood_r.d (MJ Negative Blood_r)



*Injected after new mobile phase was made.
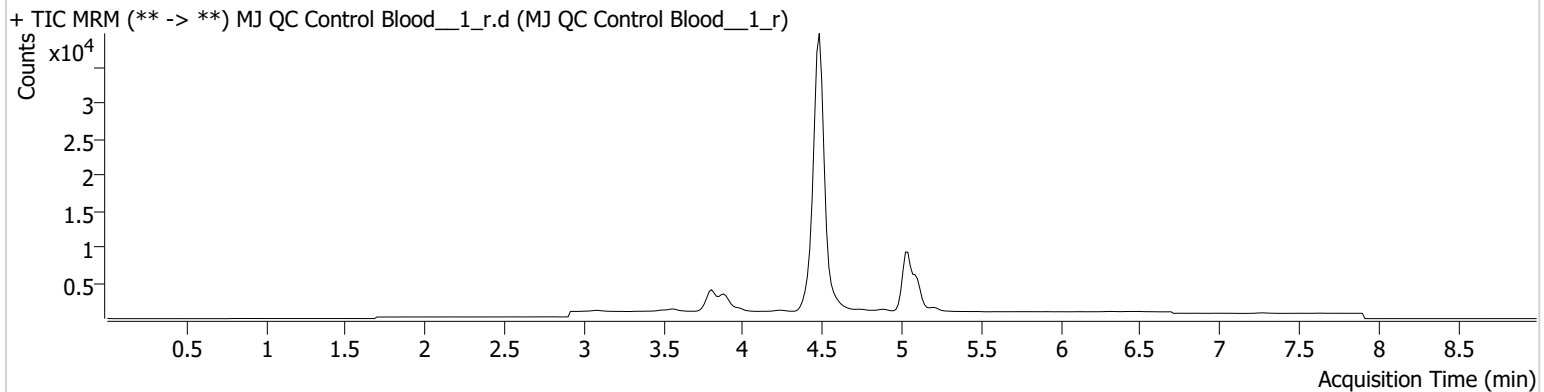
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# AM #27 Cannabinoids Quant. Results

TS

**Batch results**          D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**  1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ QC Control Blood__1_r.d |
| **Type** | QC | **Sample** | MJ QC Control Blood__1_r |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-A6 | **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** | 1/30/2025 8:27:07 AM | | |
| **Sample Info.** | | | |

## Sample Chromatogram

+ TIC MRM (** -> **) MJ QC Control Blood__1_r.d (MJ QC Control Blood__1_r)



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.045 | 1185 | ∞ | 28.0 | 11.82 | 26907 | 4.5637 ng/ml |
| THC-COOH | 3.894 | 622 | 27.16 | 214.4 | 53.84 | 6265 | 14.5604 ng/ml |
| THC-OH | 3.805 | 857 | ∞ | 16.8 | 24.04 | 11409 | 5.3755 ng/ml |

*Injected after new mobile phase was made.
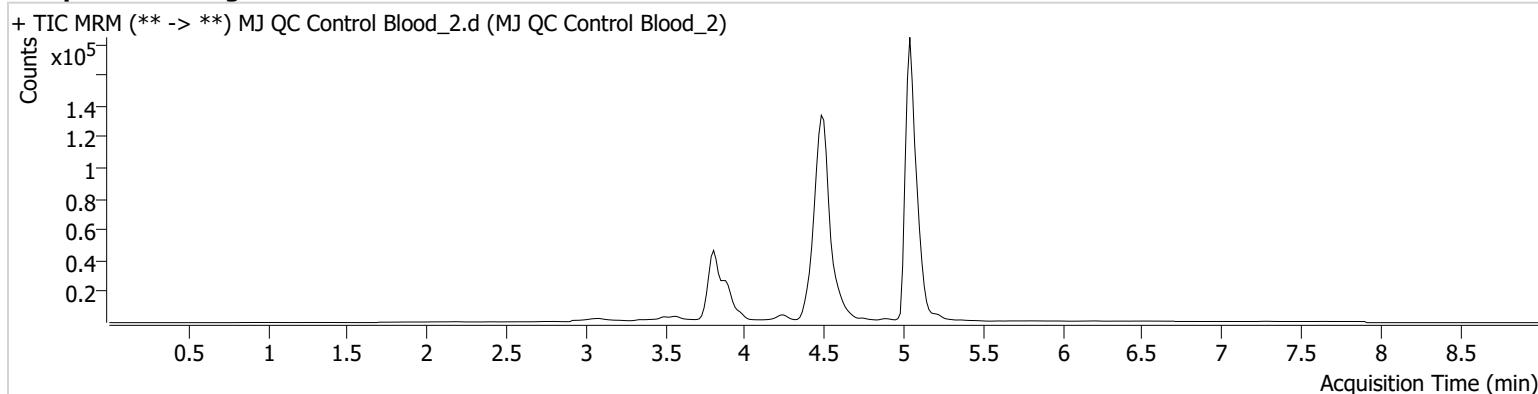
# AM #27 Cannabinoids Quant. Results

**Batch results**          D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**   1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | MJ QC Control Blood_2.d |
| **Type** | QC | **Sample** | MJ QC Control Blood_2 |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-H5 | **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** | 1/30/2025 10:12:11 AM | | |
| **Sample Info.** | | | |

## Sample Chromatogram

+ TIC MRM (** -> **) MJ QC Control Blood_2.d (MJ QC Control Blood_2)

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.045 | 33869 | ∞ | 25.8 | ∞ | 717805 | 4.8890 ng/ml |
| THC-COOH | 3.894 | 6382 | 172.42 | 219.1 | 555.48 | 63353 | 14.7778 ng/ml |
| THC-OH | 3.805 | 12574 | ∞ | 16.4 | ∞ | 181986 | 4.9765 ng/ml |

# AM #27 Cannabinoids Quant. Calibration Curve Report

**Batch results**      D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Last Cal. Update**      1/31/2025 3:09 PM
**Analyst Name**      ISP\datastor
**Analyte**      THC                                **Internal Standard**      THC-D3

THC - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 3 QCs

$y = 0.009699 * x - 2.357515E{-}004$
$R^2 = 0.99994751$
Type:Linear, Origin:Ignore, Weight:1/x



Relative Responses vs. Relative Concentration
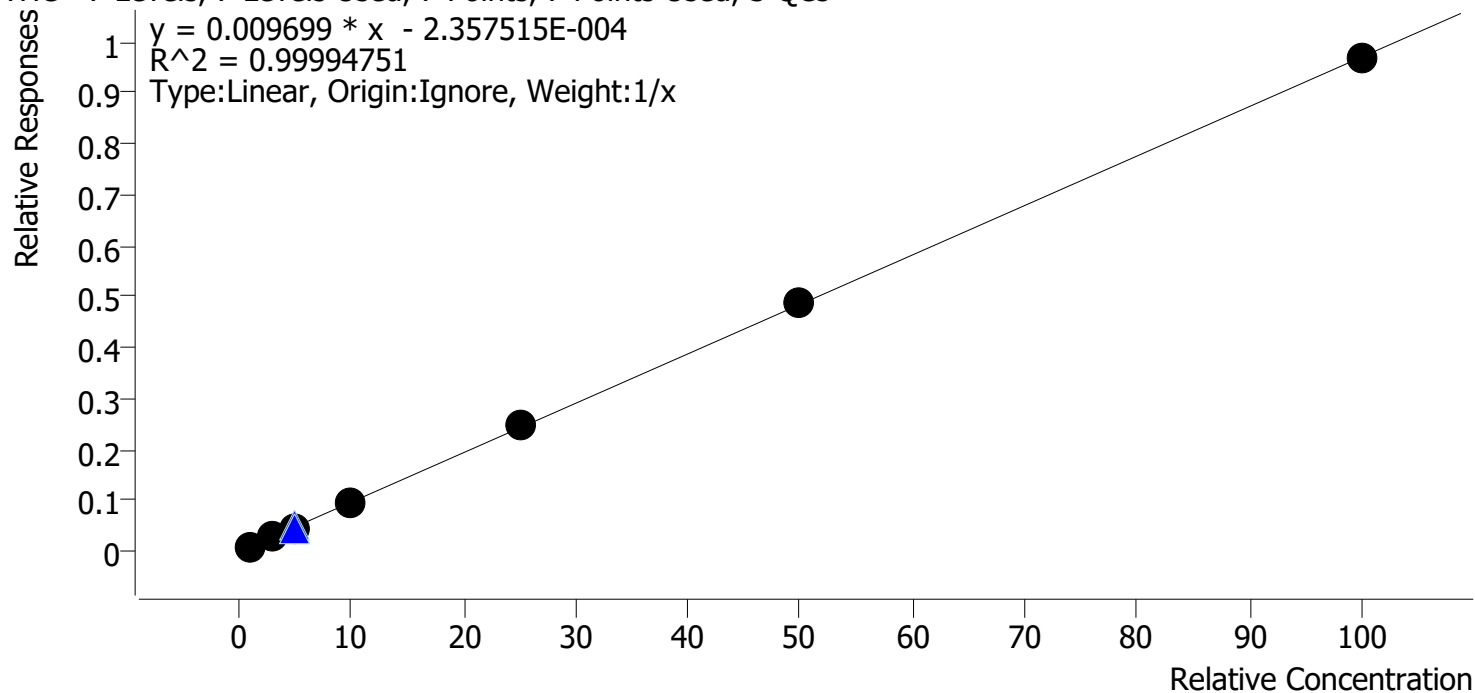
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|--------|-------|---------|------------------------|---------------------|----------|
| Cal 1 MJ | 1 | ✔ | 1.0 | 1.0 | 100.4 |
| Cal 2 MJ | 2 | ✔ | 3.0 | 3.0 | 99.8 |
| Cal 3 MJ | 3 | ✔ | 5.0 | 4.9 | 98.8 |
| Cal 4 MJ | 4 | ✔ | 10.0 | 10.0 | 99.7 |
| Cal 5 MJ | 5 | ✔ | 25.0 | 25.4 | 101.6 |
| Cal 6 MJ | 6 | ✔ | 50.0 | 50.0 | 100.1 |
| Cal 7 MJ | 7 | ✔ | 100.0 | 99.7 | 99.7 |

*TS*

# AM #27 Cannabinoids Quant. Calibration Curve Report

**Batch results**       D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Last Cal. Update**    1/31/2025 3:09 PM
**Analyst Name**        ISP\datastor
**Analyte**             THC-COOH                          **Internal Standard**      THC-COOH-D9

THC-COOH - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 3 QCs

$y = 0.006618 * x + 0.002940$
$R^2 = 0.99988349$
Type:Linear, Origin:Ignore, Weight:1/x
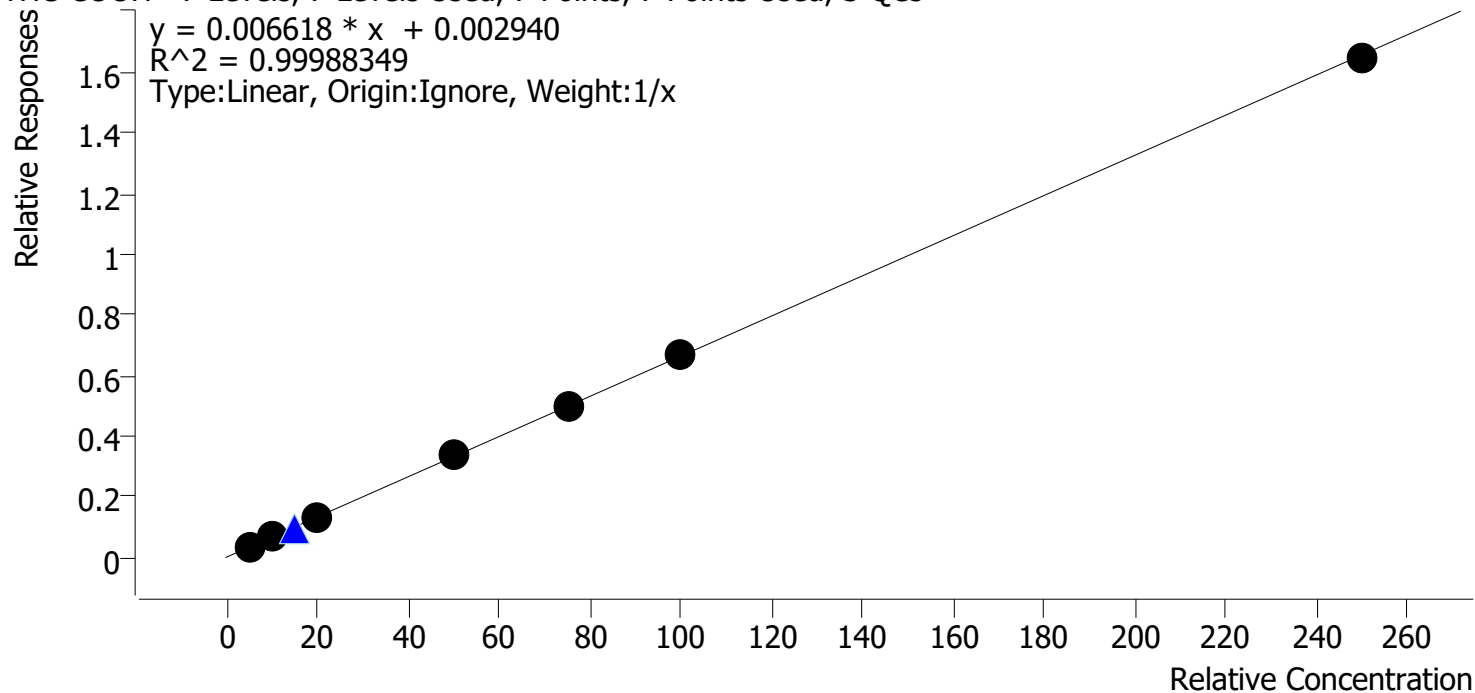


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|--------|-------|---------|------------------------|---------------------|----------|
| Cal 1 MJ | 1 | ✔ | 5.0 | 5.0 | 100.1 |
| Cal 2 MJ | 2 | ✔ | 10.0 | 9.8 | 97.7 |
| Cal 3 MJ | 3 | ✔ | 20.0 | 20.2 | 100.8 |
| Cal 4 MJ | 4 | ✔ | 50.0 | 50.1 | 100.2 |
| Cal 5 MJ | 5 | ✔ | 75.0 | 75.4 | 100.6 |
| Cal 6 MJ | 6 | ✔ | 100.0 | 101.5 | 101.5 |
| Cal 7 MJ | 7 | ✔ | 250.0 | 248.1 | 99.2 |

TS

# AM #27 Cannabinoids Quant. Calibration Curve Report

**Batch results**       D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Last Cal. Update**    1/31/2025 3:09 PM
**Analyst Name**        ISP\datastor
**Analyte**             THC-OH                          **Internal Standard**      THC-OH-D3

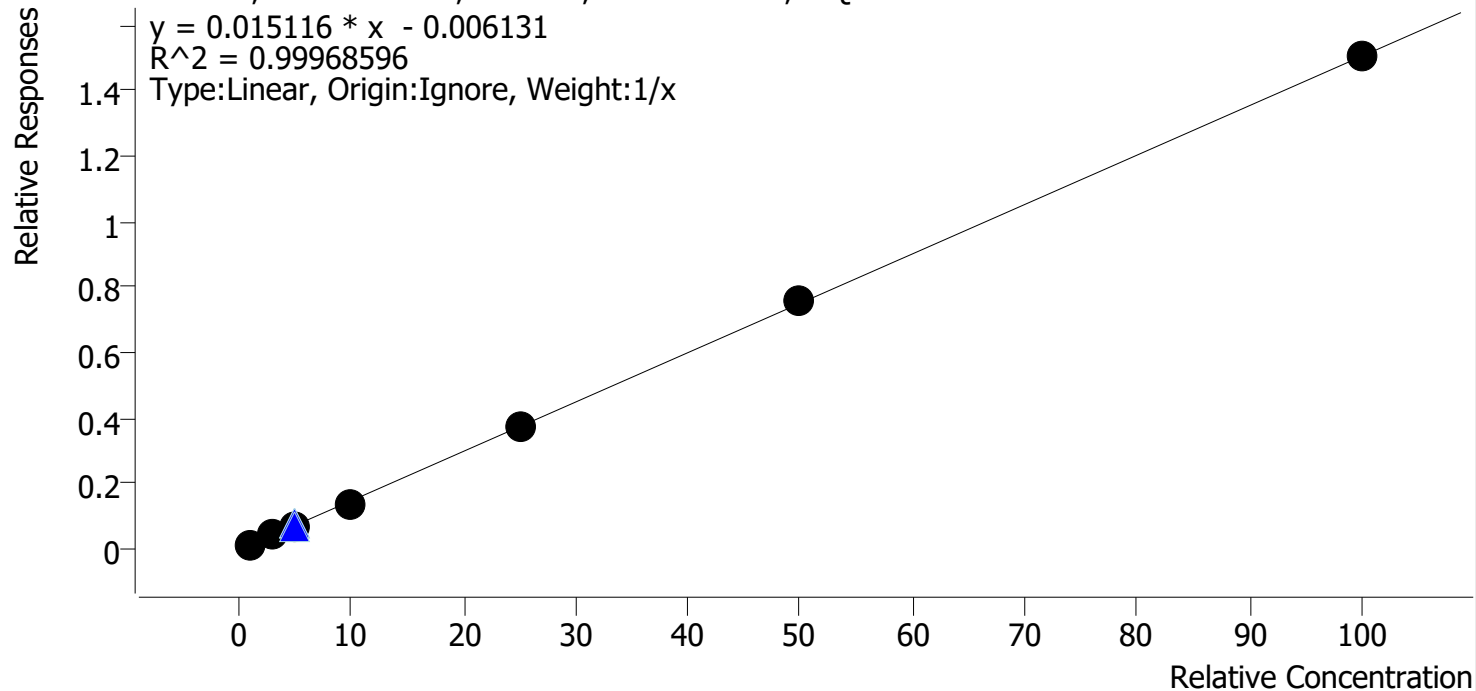THC-OH - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 3 QCs
$y = 0.015116 * x - 0.006131$
$R^2 = 0.99968596$
Type:Linear, Origin:Ignore, Weight:1/x



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|--------|-------|---------|------------------------|---------------------|----------|
| Cal 1 MJ | 1 | ✔ | 1.0 | 1.1 | 110.9 |
| Cal 2 MJ | 2 | ✔ | 3.0 | 2.9 | 95.6 |
| Cal 3 MJ | 3 | ✔ | 5.0 | 4.8 | 95.9 |
| Cal 4 MJ | 4 | ✔ | 10.0 | 9.6 | 95.7 |
| Cal 5 MJ | 5 | ✔ | 25.0 | 25.2 | 101.0 |
| Cal 6 MJ | 6 | ✔ | 50.0 | 50.5 | 101.0 |
| Cal 7 MJ | 7 | ✔ | 100.0 | 99.9 | 99.9 |

# AM #27 Cannabinoids Quant. Results

**Batch results**        D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**    1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | Cal 1 MJ.d |
| **Type** | Cal | **Sample** | Cal 1 MJ |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-H6 | **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** | 1/29/2025 3:51:42 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**

+ TIC MRM (** -> **) Cal 1 MJ.d (Cal 1 MJ)
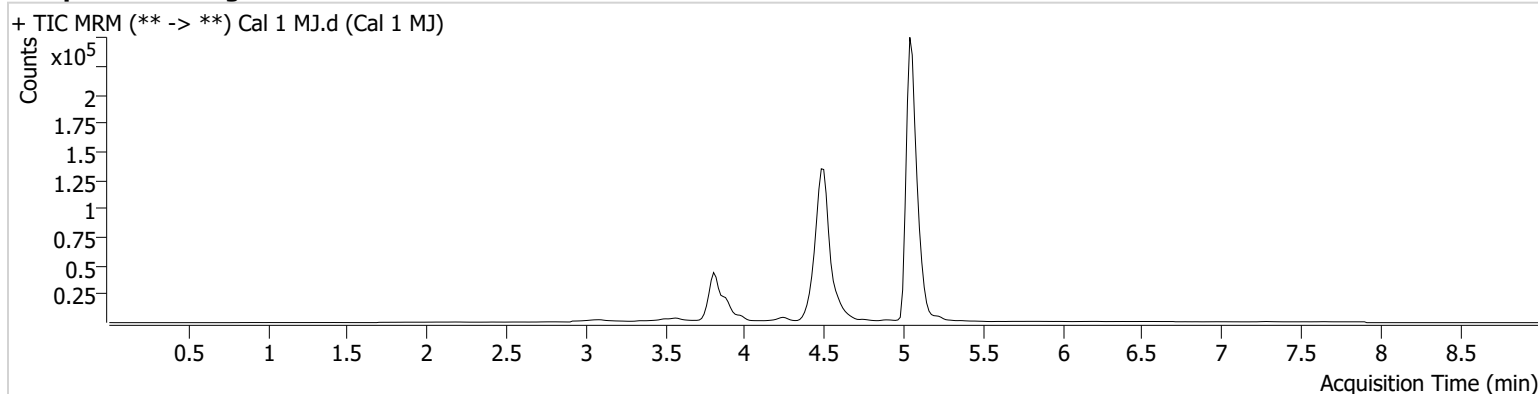


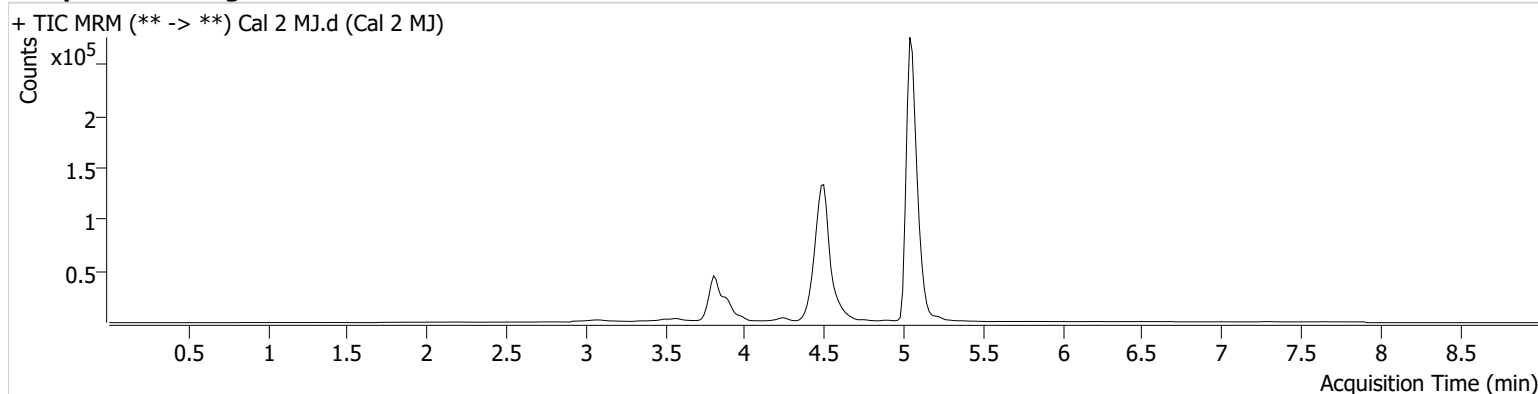| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.060 | 9745 | ∞ | 26.2 | ∞ | 1025876 | 1.0037 ng/ml |
| THC-COOH | 3.894 | 2185 | 45.51 | 200.5 | 133.68 | 60606 | 5.0044 ng/ml |
| THC-OH | 3.805 | 1889 | ∞ | 19.0 | 11.29 | 177750 | 1.1088 ng/ml |

# AM #27 Cannabinoids Quant. Results

*TS*

**Batch results**          D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**  1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | Cal 2 MJ.d |
| **Type** | Cal | **Sample** | Cal 2 MJ |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-G6 | **Comment** | *Only drugs and concentrations listed on the laboratory* |
| **Injection Volume** | 10 | | *report itself are appropriate to be used for* |
| **Acq. Date-Time** | 1/29/2025 4:04:58 PM | | *interpretation purposes. Any drugs or values included* |
| **Sample Info.** | | | *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**



+ TIC MRM (** -> **) Cal 2 MJ.d (Cal 2 MJ)

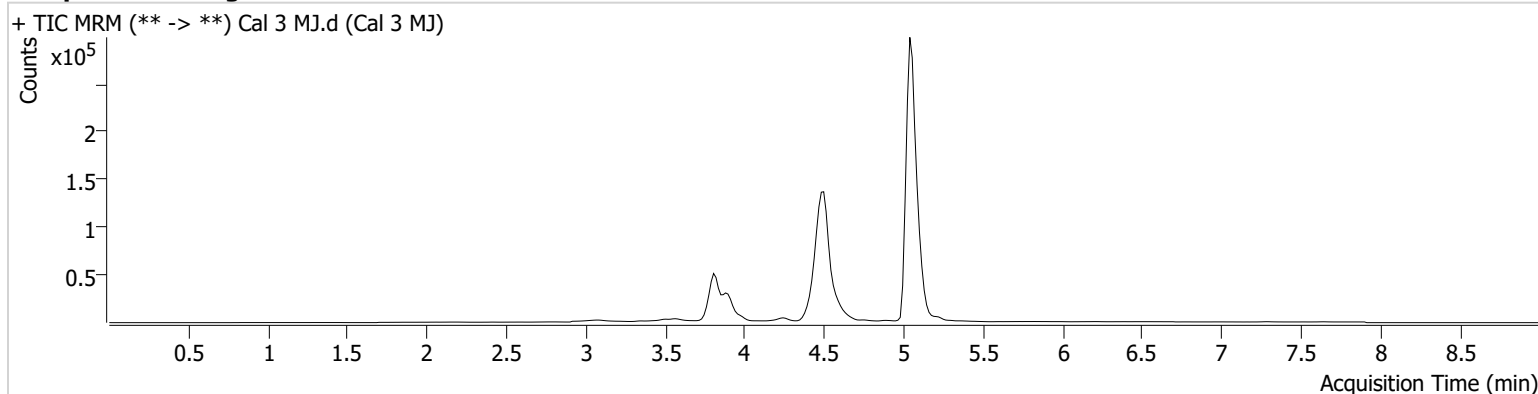| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.060 | 32343 | ∞ | 25.4 | ∞ | 1122856 | 2.9941 ng/ml |
| THC-COOH | 3.909 | 4203 | 107.15 | 221.4 | 247.93 | 62193 | 9.7665 ng/ml |
| THC-OH | 3.820 | 6668 | ∞ | 18.1 | ∞ | 179221 | 2.8670 ng/ml |

# AM #27 Cannabinoids Quant. Results

**Batch results**          D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**  1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | Cal 3 MJ.d |
| **Type** | Cal | **Sample** | Cal 3 MJ |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-F6 | **Comment** | Only drugs and concentrations listed on the laboratory |
| **Injection Volume** | 10 | | report itself are appropriate to be used for |
| **Acq. Date-Time** | 1/29/2025 4:18:04 PM | | interpretation purposes. Any drugs or values included |
| **Sample Info.** | | | 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**



+ TIC MRM (** -> **) Cal 3 MJ.d (Cal 3 MJ)

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.060 | 56096 | ∞ | 25.9 | ∞ | 1176729 | 4.9392 ng/ml |
| THC-COOH | 3.909 | 8940 | 435.10 | 212.8 | ∞ | 65566 | 20.1600 ng/ml |
| THC-OH | 3.820 | 12997 | ∞ | 16.5 | ∞ | 195838 | 4.7961 ng/ml |

# AM #27 Cannabinoids Quant. Results

_TS_

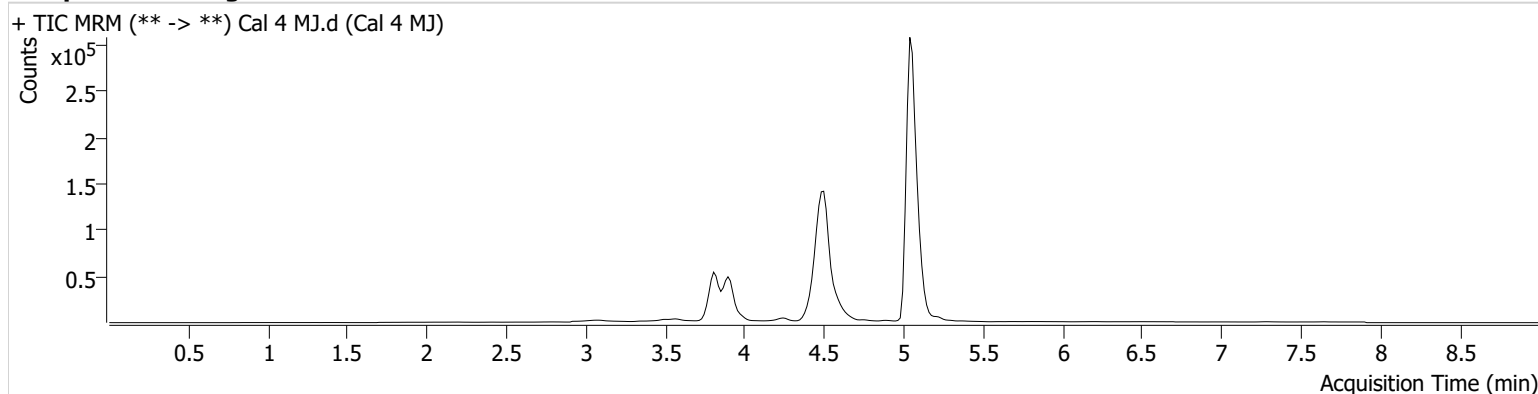**Batch results**　　　　D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**　1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | Cal 4 MJ.d |
| **Type** | Cal | **Sample** | Cal 4 MJ |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-E6 | **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** | 1/29/2025 4:31:09 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**



+ TIC MRM (** -> **) Cal 4 MJ.d (Cal 4 MJ)

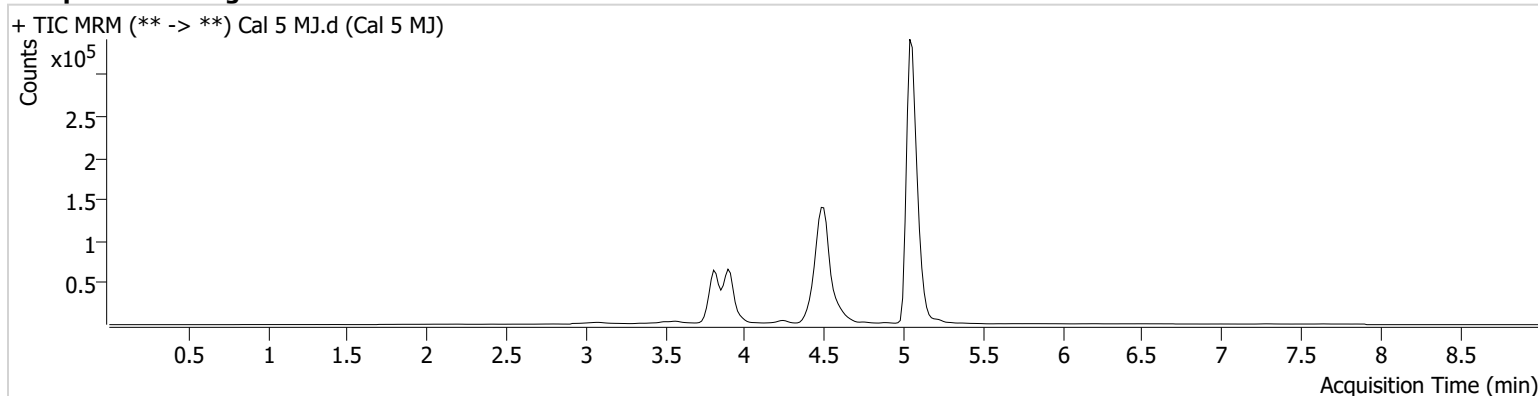| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.060 | 111031 | ∞ | 25.6 | ∞ | 1150999 | 9.9699 ng/ml |
| THC-COOH | 3.909 | 21455 | 888.77 | 223.9 | ∞ | 64144 | 50.0966 ng/ml |
| THC-OH | 3.820 | 27075 | ∞ | 16.1 | ∞ | 195362 | 9.5742 ng/ml |

# AM #27 Cannabinoids Quant. Results

**Batch results**  D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**  1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | Cal 5 MJ.d |
| **Type** | Cal | **Sample** | Cal 5 MJ |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-D6 | **Comment** | Only drugs and concentrations listed on the laboratory |
| **Injection Volume** | 10 | | report itself are appropriate to be used for |
| **Acq. Date-Time** | 1/29/2025 4:44:15 PM | | interpretation purposes. Any drugs or values included |
| **Sample Info.** | | | 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**



+ TIC MRM (** -> **) Cal 5 MJ.d (Cal 5 MJ)

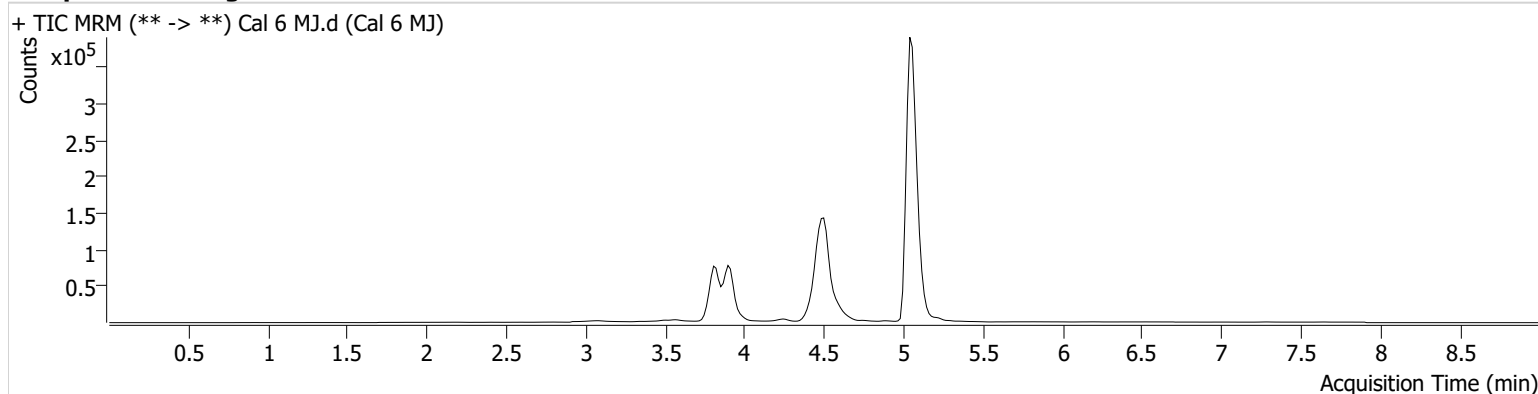| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.060 | 274539 | ∞ | 25.1 | ∞ | 1115196 | 25.4058 ng/ml |
| THC-COOH | 3.894 | 32384 | 208.75 | 219.0 | 2523.76 | 64504 | 75.4183 ng/ml |
| THC-OH | 3.820 | 71806 | ∞ | 15.1 | ∞ | 191272 | 25.2412 ng/ml |

# AM #27 Cannabinoids Quant. Results

**Batch results**     D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**    1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | Cal 6 MJ.d |
| **Type** | Cal | **Sample** | Cal 6 MJ |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-C6 | **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** | 1/29/2025 4:57:21 PM | | |
| **Sample Info.** | | | |

**Sample Chromatogram**



+ TIC MRM (** -> **) Cal 6 MJ.d (Cal 6 MJ)

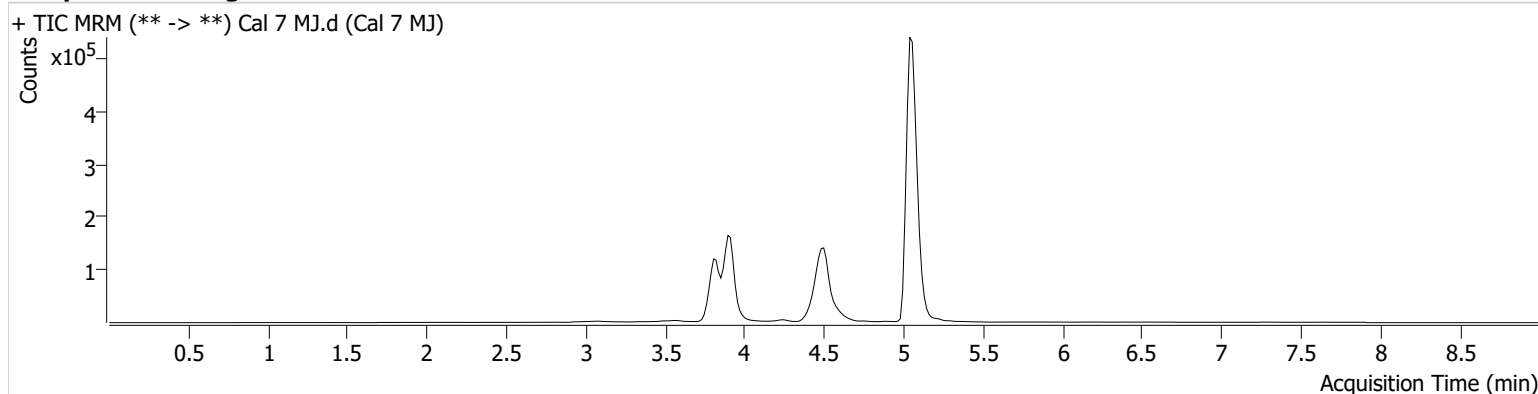| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.060 | 510368 | ∞ | 25.2 | ∞ | 1052168 | 50.0350 ng/ml |
| THC-COOH | 3.894 | 40668 | 3081.53 | 219.1 | 1488.24 | 60303 | 101.4591 ng/ml |
| THC-OH | 3.820 | 133658 | ∞ | 15.1 | ∞ | 176458 | 50.5151 ng/ml |

# AM #27 Cannabinoids Quant. Results

**Batch results**          D:\MassHunter\Data\2025\AM 27 28\012925 AM 27 TS\QuantResults\AM 27.batch.bin
**Calibration Last Update**   1/31/2025 3:09:58 PM

| | | | |
|---|---|---|---|
| **Instrument** | Falco (069901) | **Data File** | Cal 7 MJ.d |
| **Type** | Cal | **Sample** | Cal 7 MJ |
| **Acq. Method** | AM 27 Agilent Method.m | **Operator** | Tamara Salazar |
| **Sample Position** | P1-B6 | **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** | 1/29/2025 5:10:27 PM | | |
| **Sample Info.** | | | |

### Sample Chromatogram

+ TIC MRM (** -> **) Cal 7 MJ.d (Cal 7 MJ)

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---|---|---|---|---|---|---|---|
| THC | 5.060 | 1044072 | ∞ | 25.3 | ∞ | 1080473 | 99.6523 ng/ml |
| THC-COOH | 3.909 | 99324 | 2673.24 | 221.5 | 5525.38 | 60386 | 248.0952 ng/ml |
| THC-OH | 3.820 | 286900 | ∞ | 14.9 | ∞ | 190770 | 99.8977 ng/ml |