

Instrument Name: ZenoTOF™ 7600 System
Instrument Model: ZenoTOF 7600 System
Ion Source: OptiFlow 50-200µL Micro/MicroCal
Serial Number: FB24962403

Manufacturer: AB Sciex
Target Instrument: ZenoTOF 7600 System
Optimization Set: Negative Quick Status Check

1. Negative MS Check

| Step | Result | Details |
|-------------------------------|--------|--|
| Achieve Stable Spray / Modify | Pass | Slope: 0.000490106761510293, previous was 0.000490106761510293 Delay: -13.6341609933465, previous was -13.6341609933465 |

Average of 30 spectra - Confirmation Mode Complete

112.9856

112.9840

2500

2000

1500

1000

500

0

112.6

112.8

113

113.2

113.4

792.8596

792.8503

1500

1000

500

0

792.4

792.6

792.8

793

793.2

| Item | Min | Max | Actual | Status |
|---------------------|----------|----------|----------|--------|
| Mass (Da) | 112.8856 | 113.0856 | 112.9840 | Pass |
| Sum Intensity (cps) | 1000 | 1e+11 | 10646 | Pass |

| Item | Min | Max | Actual | Status |
|---------------------|----------|----------|----------|--------|
| Mass (Da) | 792.7596 | 792.9596 | 792.8503 | Pass |
| Sum Intensity (cps) | 1000 | 1e+11 | 12067 | Pass |

TIC

TIC Average

Intensity, cps

1.5e+05

1e+05

5e+04

0

0.01

0.02

0.03

0.04

0.05

0.06

0.07

0.08

0.09

0.1

0.11

0.12

0.13

Time, min

Channel Alignment

Pass

Sum of 10 spectra

| Item | Min | Max | Actual | Status |
|---------------------|----------|----------|------------|--------|
| Mass (Da) | 112.7356 | 113.2356 | 112.9833 | Pass |
| Resolution | 0 | 100000 | 31465 | Pass |
| Sum Intensity (cps) | 0 | 1e+11 | 9.6951e+05 | Pass |

| Item | Min | Max | Actual | Status |
|---------------------|----------|----------|------------|--------|
| Mass (Da) | 792.6096 | 793.1096 | 792.8485 | Pass |
| Resolution | 0 | 100000 | 42859 | Pass |
| Sum Intensity (cps) | 0 | 1e+11 | 1.3331e+06 | Pass |

Align to channel: 2 Result: Pass

| Item | Min | Max | Initial | Actual | Status |
|---------------------------|-----|-----|---------------|---------------|--------|
| Channel 1 vs. 2 Slope | -50 | 50 | 0.041106914 | 0.038454689 | Pass |
| Channel 1 vs. 2 Intercept | -50 | 50 | -10.187975577 | -10.480349314 | Pass |
| Channel 3 vs. 2 Slope | -50 | 50 | -0.108238387 | -0.10618874 | Pass |
| Channel 3 vs. 2 Intercept | -50 | 50 | -4.131409058 | -4.14051827 | Pass |
| Channel 4 vs. 2 Slope | -50 | 50 | -0.28386868 | -0.278674906 | Pass |
| Channel 4 vs. 2 Intercept | -50 | 50 | 8.518158149 | 7.422990235 | Pass |

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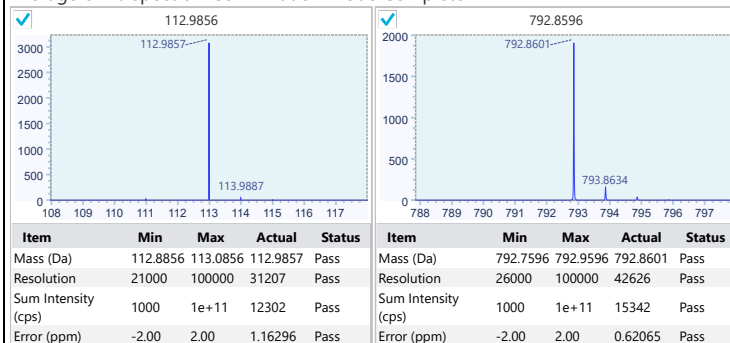
Manufacturer: AB Sciex
Target Instrument: ZenoTOF 7600 System
Optimization Set: Negative Quick Status Check

TOF MS Mass Check

Pass

Slope: 0.00049010928015903, previous was 0.000490106761510293
Delay: -13.6767265604719, previous was -13.6341609933465

Average of 10 spectra - Confirmation Mode Complete

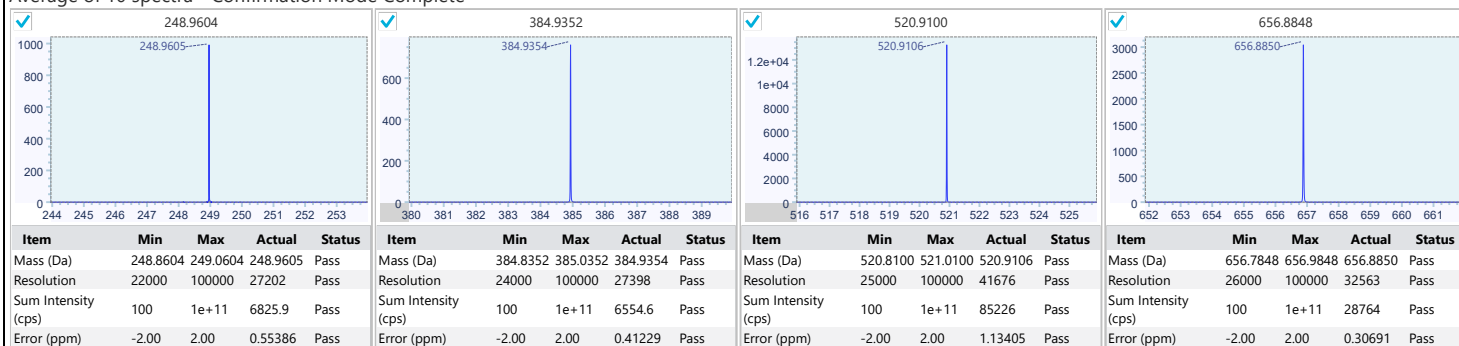


TOF MS/MS Mass Check

Pass

Slope: 0.00049010854690111, previous was 0.000490105582928562
Delay: -13.6906165990832, previous was -13.6996891650513

Average of 10 spectra - Confirmation Mode Complete



TOF MS/MS Mass Check Zeno On

Pass

Slope: 0.000490107989612319, previous was 0.000490105758650518
Delay: -13.6682480520645, previous was -13.6662436888

Average of 10 spectra - Confirmation Mode Complete

