

Instrument Name: ZenoTOF™ 7600 System

Manufacturer: AB Sciex

Instrument Model: ZenoTOF 7600 System

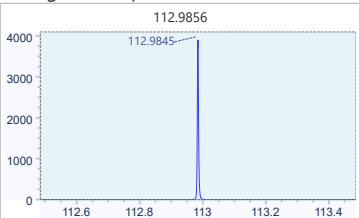
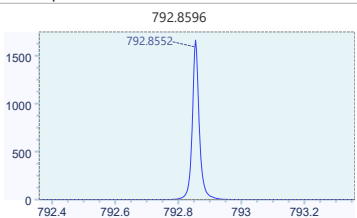
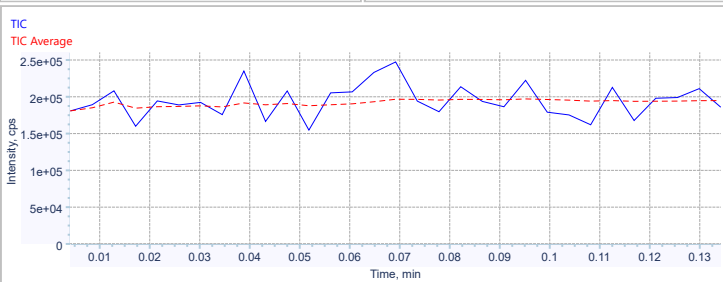
Target Instrument: ZenoTOF 7600 System

Ion Source: OptiFlow 1-50µL Micro/MicroCal

Optimization Set: Negative Quick Status Check

Serial Number: FB24962403

1. Negative MS Check

| Step | Result | Details | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|--|----------|--------|--------|-----------|----------|----------|----------|------|---------------------|------|-------|-------|------|---|--|------|-----|-----|--------|--------|-----------|----------|----------|----------|------|---------------------|------|-------|-------|------|
| Achieve Stable Spray / Modify | Pass | Slope: 0.000490052702806248, previous was 0.000490052702806248 Delay: -13.5697076684198, previous was -13.5697076684198 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Average of 30 spectra - Confirmation Mode Complete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Item</th><th>Min</th><th>Max</th><th>Actual</th><th>Status</th></tr><tr><td>Mass (Da)</td><td>112.8856</td><td>113.0856</td><td>112.9845</td><td>Pass</td></tr><tr><td>Sum Intensity (cps)</td><td>1000</td><td>1e+11</td><td>17835</td><td>Pass</td></tr></table> | Item | Min | Max | Actual | Status | Mass (Da) | 112.8856 | 113.0856 | 112.9845 | Pass | Sum Intensity (cps) | 1000 | 1e+11 | 17835 | Pass | <table><tr><th>Item</th><th>Min</th><th>Max</th><th>Actual</th><th>Status</th></tr><tr><td>Mass (Da)</td><td>792.7596</td><td>792.9596</td><td>792.8552</td><td>Pass</td></tr><tr><td>Sum Intensity (cps)</td><td>1000</td><td>1e+11</td><td>15528</td><td>Pass</td></tr></table> | | Item | Min | Max | Actual | Status | Mass (Da) | 792.7596 | 792.9596 | 792.8552 | Pass | Sum Intensity (cps) | 1000 | 1e+11 | 15528 | Pass |
| Item | Min | Max | Actual | Status | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mass (Da) | 112.8856 | 113.0856 | 112.9845 | Pass | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sum Intensity (cps) | 1000 | 1e+11 | 17835 | Pass | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item | Min | Max | Actual | Status | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mass (Da) | 792.7596 | 792.9596 | 792.8552 | Pass | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sum Intensity (cps) | 1000 | 1e+11 | 15528 | Pass | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Channel Alignment

Pass

Sum of 10 spectra

| | | | | | | | | | |
|----------------------------------|----------|----------|---------------|---------------|---------------------|----------|----------|------------|--------|
| | | | | | | | | | |
| Item | Min | Max | Actual | Status | Item | Min | Max | Actual | Status |
| Mass (Da) | 112.7356 | 113.2356 | 112.984 | Pass | Mass (Da) | 792.6096 | 793.1096 | 792.8542 | Pass |
| Resolution | 0 | 100000 | 28619 | Pass | Resolution | 0 | 100000 | 38239 | Pass |
| Sum Intensity (cps) | 0 | 1e+11 | 1.176e+06 | Pass | Sum Intensity (cps) | 0 | 1e+11 | 1.4966e+06 | Pass |
| Align to channel: 2 Result: Pass | | | | | | | | | |
| Item | Min | Max | Initial | Actual | Status | | | | |
| Channel 1 vs. 2 Slope | -50 | 50 | 0.041022799 | 0.044192084 | Pass | | | | |
| Channel 1 vs. 2 Intercept | -50 | 50 | -10.011351621 | -10.469898042 | Pass | | | | |
| Channel 3 vs. 2 Slope | -50 | 50 | -0.116301553 | -0.118767505 | Pass | | | | |
| Channel 3 vs. 2 Intercept | -50 | 50 | -3.721968304 | -3.287901978 | Pass | | | | |
| Channel 4 vs. 2 Slope | -50 | 50 | -0.298531378 | -0.295904069 | Pass | | | | |
| Channel 4 vs. 2 Intercept | -50 | 50 | 8.433385129 | 7.908833509 | Pass | | | | |

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Optimization Set: Negative Quick Status Check

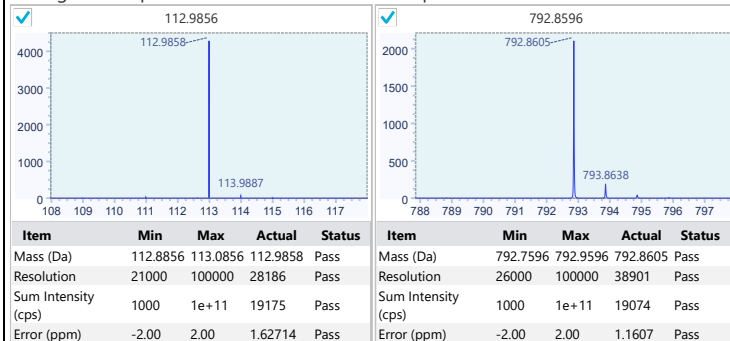
Serial Number: FB24962403

TOF MS Mass Check

Pass

Slope: 0.000490053287898134, previous was 0.000490052702806248
 Delay: -13.6390070879175, previous was -13.5697076684198

Average of 10 spectra - Confirmation Mode Complete

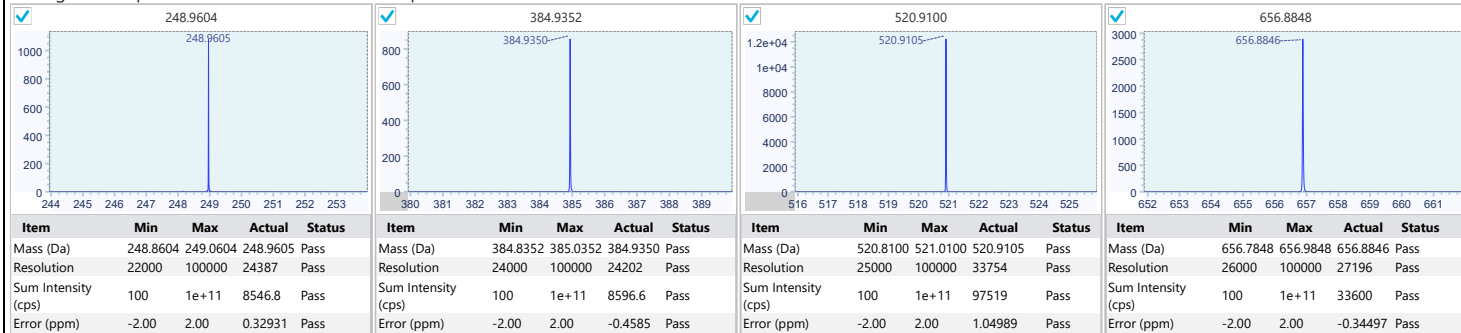


TOF MS/MS Mass Check

Pass

Slope: 0.000490051658616073, previous was 0.000490051231070289
 Delay: -13.6880248837596, previous was -13.6910717003872

Average of 10 spectra - Confirmation Mode Complete



TOF MS/MS Mass Check Zeno On

Pass

Slope: 0.000490051483587781, previous was 0.000490052052433187
 Delay: -13.6378893455178, previous was -13.6310857002352

Average of 10 spectra - Confirmation Mode Complete

