

Ion Source:

## **Instrument Tuning Report**

**nstrument Name:** ZenoTOF™ 7600 System

**Instrument Model:** ZenoTOF 7600 System

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

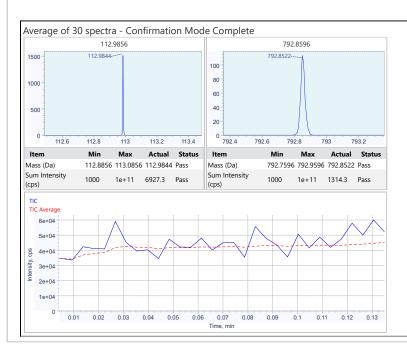
Achieve Stable Spray / Modify

Pass Slope:

Slope: 0.000490107350788472, previous was

0.000490107350788472

Delay: -13.6746780608606, previous was -13.6746780608606



#### **Pass Channel Alignment** Sum of 10 spectra 112.9856 792.8596 112.9839 792.8504 5e+04 4e+04 2e+04 1e+04 792.4 112.6 112.8 113 113.2 113.4 792.6 m/z, Da Item Min Max Mass (Da) 112.7356 113.2356 112.9839 Mass (Da) 792.6096 793.1096 792.8504 Resolution 0 100000 28975 Pass Resolution 0 100000 35431 Pass Sum Intensity Sum Intensity 1e+11 8.4822e+05 Pass 0 1e+11 4.935e+05 Pass (cps) Align to channel: 2 Result: Pass Min Max Initial Actual Channel 1 vs. 2 Slope -50 50 0.036846807 0.039583541 Pass Channel 1 vs. 2 Intercept -50 50 -9.79636417 -10.037672442 Pass Channel 3 vs. 2 Slope -0.114434048 -0.110630855 Pass Channel 3 vs. 2 Intercept -50 50 -3.162202315 -3.646083314 Pass Channel 4 vs. 2 Slope -0.279411281 -0.278808681 Pass Channel 4 vs. 2 Intercept -50 50 8.406897337 8.357658732

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TOF MS Mass Check

Ion Source:

Error (ppm)

-2.00

2.00

0.20813 Pass -2.00

2.00

-0.31875 Pass

# **Instrument Tuning Report**

**Pass** 

ZenoTOF™ 7600 System

ZenoTOF 7600 System **Instrument Model:** 

OptiFlow 50-200µL Micro/MicroCal

Serial Number: FB24962403 Manufacturer: AB Sciex

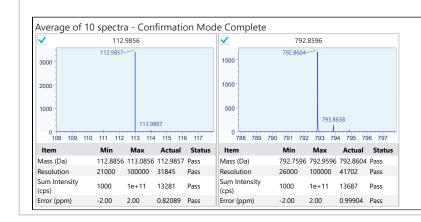
**Target Instrument:** ZenoTOF 7600 System

**Optimization Set:** Negative Quick Status Check

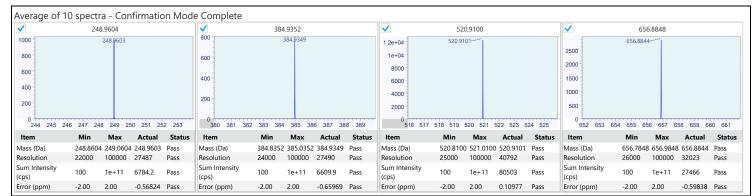
Slope: 0.000490109621396227, previous was

0.000490107350788472

Delay: -13.6443087348115, previous was -13.6746780608606



TOF MS/MS Mass Check **Pass** Slope: 0.000490108628261658, previous was 0.00049010626369722 Delay: -13.7104336672888, previous was -13.6868509569097



TOF MS/MS Mass Check Zeno On **Pass** Slope: 0.000490108427821228, previous was 0.00049010599879068 Delay: -13.6748317007687, previous was -13.6601884668873 Average of 10 spectra - Confirmation Mode Complete 248 9604 384 9352 520 9100 656 8848 248.9605 520.9102-1000 656.8847 500 300 3000 400 600 2000 300 200 400 200 100 1000 200 100 0 1 244 245 246 247 248 249 250 251 252 253 380 381 382 383 384 385 386 387 388 389 652 653 654 655 656 657 658 659 660 661 516 517 518 519 520 521 522 523 524 525 Actual Min Max Actual Max Actual Item Min Item Min Max Item Min Max Item Mass (Da) 248.8604 249.0604 248.9605 Pass Mass (Da) 384 8352 385 0352 384 9351 Pass Mass (Da) 520.8100 521.0100 520.9102 Pass Mass (Da) 656,7848, 656,9848, 656,8847, Pass Resolution 22000 100000 37860 Pass Resolution 24000 100000 38203 Pass Resolution 25000 100000 40655 Pass Resolution 26000 100000 42548 Pass Sum Intensity Sum Intensity Sum Intensity Sum Intensity 2686.4 100 2229.5 100 22280 Pass 100 7266.7 (cps

> -2.00 2.00

0.4112

Pass

-2.00

2.00

-0.19185 Pass

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