

# **Instrument Tuning Report**

**Pass** 

**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

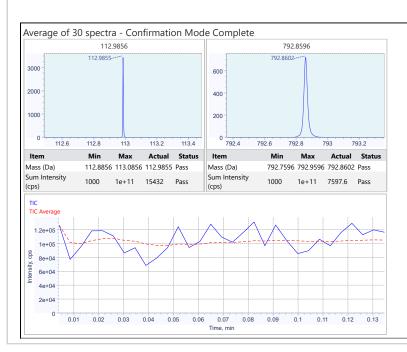
### Step Result Details

Achieve Stable Spray / Modify

Slope: 0.000490038964511276, previous was

0.000490038964511276

Delay: -13.6216960433637, previous was -13.6216960433637



#### **Channel Alignment Pass** Sum of 10 spectra 112.9856 792.8596 112.9851-2e+05 1e+05 1.5e+05 5e+04 1e+05 5e+04 792.4 112.6 112.8 113 113.2 113.4 792 6 m/z, Da m/z, Da Item Min Max Mass (Da) 112.7356 113.2356 112.9851 Mass (Da) 792.6096 793.1096 792.8583 Resolution 0 100000 29413 Pass Resolution 0 100000 37725 Pass Sum Intensity Sum Intensity 1e+11 1.1156e+06 Pass 0 1e+11 1.1739e+06 Pass (cps) Align to channel: 2 Result: Pass Min Max Initial Actual Status Channel 1 vs. 2 Slope -50 50 Channel 1 vs. 2 Intercept -50 50 -10.044191671 -10.177094427 Pass Channel 3 vs. 2 Slope -0.115200258 -0.114308094 Pass -3.600434967 -3.883332087 Pass Channel 4 vs. 2 Slope -0.283882493 -0.284818596 Channel 4 vs. 2 Intercept -50 50 7.839528443 7.801046027

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**Instrument Model:** 

TOF MS Mass Check

Ion Source:

Error (ppm)

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**Pass** 

ZenoTOF™ 7600 System

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OptiFlow 50-200µL Micro/MicroCal

Serial Number: FB24962403 Manufacturer: AB Sciex

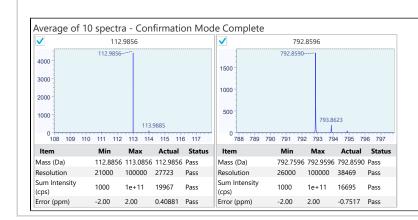
**Target Instrument:** ZenoTOF 7600 System

Negative Quick Status Check **Optimization Set:** 

Slope: 0.000490038437386946, previous was

0.000490038964511276

Delay: -13.6135203517637, previous was -13.6216960433637



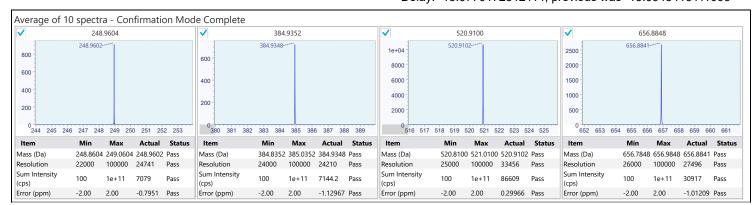
Error (ppm)

Slope: 0.000490037463253154, previous was TOF MS/MS Mass Check **Pass** 

0.000490037830651855

Delay: -13.6770172812114, previous was -13.6943415111003

Error (ppm)



TOF MS/MS Mass Check Zeno On **Pass** Slope: 0.000490037331338447, previous was 0.00049003754350224 Delay: -13.6470264237913, previous was -13.653043613601 Average of 10 spectra - Confirmation Mode Complete 248.9604 384.9352 520.9100 656.8848 520.9105-656.8847 300 3000 400 800 250 2500 200 300 600 2000 150 1500 200 400 100 1000 100 200 50 500 0 516 517 518 519 520 521 522 523 524 525 244 245 246 247 248 249 250 251 252 253 382 383 384 385 386 387 388 389 655 656 657 658 659 660 66 Item Min Max Actual Status Mass (Da) 248.8604 249.0604 248.9605 Pass Mass (Da) 384.8352 385.0352 384.9351 Pass Mass (Da) 520.8100 521.0100 520.9105 Pass Mass (Da) 656.7848 656.9848 656.8847 Pass 24000 Resolution 22000 100000 31603 Pass Resolution 100000 30705 Pass Resolution 25000 100000 33733 Resolution 26000 100000 34425 Pass Pass Sum Intensity Sum Intensity Sum Intensity Sum Intensity 8332.4 (cps) (cps) (cps) -2.00 2.00 0.42849 Pass -2.00 2.00 -0.21416 Pass -2.00 2.00 1.0372 Pass -2.00 2.00 -0.09986 Pass

Error (ppm)

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