

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: Positive Quick Status Check

## 1. Positive MS Check



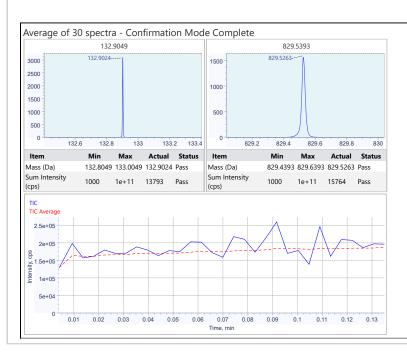
Achieve Stable Spray / Modify

Pass

Slope: 0.000490061723338294, previous was

0.000490061723338294

Delay: -13.3773477147312, previous was -13.3773477147312



## **Pass Channel Alignment** Sum of 10 spectra 132.9049 829.5393 132.9018 නු 1.5e+05 1e+05 5e+04 132.8 133 133.2 133.4 829 2 829.4 829.6 Item Min Max Mass (Da) 132.6549 133.1549 132.9018 Mass (Da) 829.2893 829.7893 829.5252 Resolution 0 100000 38356 Pass Resolution 0 100000 38938 Pass Sum Intensity Sum Intensity 1e+11 7.2565e+05 Pass 0 1e+11 1.8046e+06 Pass (cps) Align to channel: 2 Result: Pass Min Max Initial Actual Channel 1 vs. 2 Slope -50 50 -0.123370267 -0.11904876 Pass Channel 1 vs. 2 Intercept -50 50 -10.870397251 -11.481762602 Pass Channel 3 vs. 2 Slope 0.069486241 0.074529109 Pass -3.722826498 -3.866621726 Pass Channel 4 vs. 2 Slope 0.109851305 0.120056138 Channel 4 vs. 2 Intercept -50 50 9.060881839 8.656859793

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**Instrument Model:** 

TOF MS Mass Check

Ion Source:

Error (ppm)

-2 00 2 00

-0.25969 Pass

Error (ppm)

-2 00 2 00

0.3498

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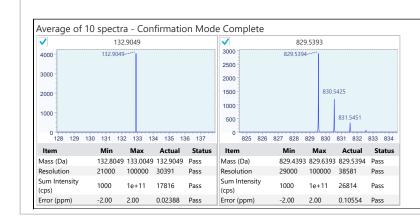
**Target Instrument:** ZenoTOF 7600 System

Optimization Set: Positive Quick Status Check

Pass Slope: 0.00049006483391588, previous was

0.000490061723338294

Delay: -13.4494703241482, previous was -13.3773477147312



TOF MS/MS Mass Check **Pass** Slope: 0.000490063898310161, previous was 0.000490061595921675 Delay: -13.4742421648903, previous was -13.3973249013344 Average of 10 spectra - Confirmation Mode Complete 185.1285 298.2125 494.3337 607.4178 185.1285 298.2126 494.3337 1.5e+04 607.4177-2000 8000 1.5e+04 1500 6000 1e+04 1000 4000 5000 500 2000 187.1077 183 184 185 186 188 294 295 296 297 298 299 300 301 302 303 490 491 492 493 494 603 604 605 606 607 608 609 610 611 Min Max Actual Item Min Max Actual Status Item Min Max Actual Status Item Status Item Min Max Actual Status Mass (Da) 185 0285 185 2285 185 1285 Pass Mass (Da) 298 1125 298 3125 298 2126 Pass Mass (Da) 494.2337 494.4337 494.3337 Pass Mass (Da) 607.3178 607.5178 607.4177 Pass Resolution 21000 100000 27142 Pass Resolution 22000 100000 33140 Pass Resolution 25000 100000 35749 Pass Resolution 26000 100000 34970 Pass Sum Intensity Sum Intensity Sum Intensity Sum Intensity 100 1e+11 13211 Pass 100 1e+11 55185 Pass 100 1e+11 1.3548e+05 Pass 100 1e+11 1.2466e+05 Pass

Error (nnm)

-2.00 2.00

0.06745

Pass

Error (ppm)

-200 200

-0.11551 Pass

TOF MS/MS Mass Check Zeno On **Pass** Slope: 0.000490065074272785, previous was 0.000490062456910012 Delay: -13.442075498609, previous was -13.3947222678976 Average of 10 spectra - Confirmation Mode Complete 185.1285 298,2125 494.3337 607.4178 185 1284-298 2124-494.3336-607 4174--1200 4000 5000 1000 3000 3000 4000 800 2000 3000 611 4123 600 2000 2000 400 1000 187 1437 498 3282 1000 1000 200 187.1076 181 182 183 184 185 186 187 188 294 295 296 297 298 299 300 301 302 303 189 190 490 491 492 493 494 495 496 497 498 499 603 604 605 606 607 608 609 610 611 612 Max Actual Item Item Min Max Item 607.3178 607.5178 607.4174 Mass (Da) 185.0285 185.2285 185.1284 298.1125 298.3125 298.2124 Pass Mass (Da) 494.2337 494.4337 494.3336 Mass (Da) Pass Mass (Da) Pass Pass Resolution 100000 31270 100000 33671 Pass Resolution 100000 33311 6477.9 Pass 100 1e+11 21453 100 1e+11 41279 Pass 100 1e+11 34341 -2.00 -0.45595 Pass 2.00 2.00 -0.68255 Pass 2.00 -0.79986 Pass -2.00 2.00 -2.00 -0.17901 Pass -2.00 Error (ppm) Error (ppm) Error (ppm) Error (ppm)

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