

Instrument Tuning Report

nstrument 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: Positive Quick Status Check

1. Positive MS Check

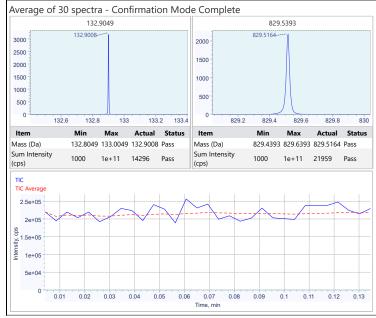
 Step
 Result
 Details

 Achieve Stable Spray / Modify
 Pass
 Slope: 0.000490103773272991, previous was 0.000490103773272991 Delay: -13.4147389055884, previous was -13.4147389055884

 Average of 30 spectra - Confirmation Mode Complete

 132,9049
 829,5393

 132,9048
 829,5164-11



Pass Channel Alignment Sum of 10 spectra 132.9049 829.5393 132.9003 829.5154 2e+05 සු 1.5e+05 5e+04 132.8 133 133.2 133.4 829 2 829.4 829.6 Item Min Max Actual Mass (Da) 132.6549 133.1549 132.9003 Mass (Da) 829.2893 829.7893 829.5154 Resolution 0 100000 36279 Pass Resolution 0 100000 39283 Pass Sum Intensity Sum Intensity 1e+11 7.9376e+05 Pass 0 1e+11 2.0251e+06 Pass (cps) Align to channel: 2 Result: Pass Min Max Initial Actual Channel 1 vs. 2 Slope -50 50 -0.123375414 -0.121043033 Pass Channel 1 vs. 2 Intercept -50 50 -11.454951431 -10.630039463 Pass Channel 3 vs. 2 Slope 0.075239299 0.077915467 Pass -3.608843924 -4.10302207 Channel 4 vs. 2 Slope 0.130443554 0.126361561 Channel 4 vs. 2 Intercept -50 50 8.474667214 9.210317084

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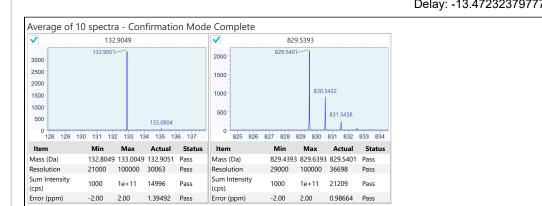
ZenoTOF 7600 System **Target Instrument:**

Optimization Set: Positive Quick Status Check

TOF MS Mass Check Slope: 0.000490110244907003, previous was **Pass**

0.000490103773272991

Delay: -13.4723237977729, previous was -13.4147389055884



TOF MS/MS Mass Check **Pass** Slope: 0.000490109135318935, previous was 0.000490102730424152 Delay: -13.4900077535876, previous was -13.5026127780619 Average of 10 spectra - Confirmation Mode Complete 185.1285 298.2125 494.3337 607.4178 1.5e+04 185.1284 298.2126 494.3338 607.4177-1500 6000 1e+04 1000 4000 611.4124 500 498.3283 187,1075 183 184 185 186 188 294 295 296 297 298 490 491 492 493 494 603 604 605 606 607 608 609 610 611 Min Max Actual Item Min Max Actual Status Item Max Actual Status Item Item Min Max Actual Status Mass (Da) 185 0285 185 2285 185 1284 Pass Mass (Da) 298 1125 298 3125 298 2126 Pass Mass (Da) 494.2337 494.4337 494.3338 Mass (Da) 607.3178 607.5178 607.4177 Pass Resolution 21000 100000 24548 Pass Resolution 22000 100000 31081 Pass Resolution 25000 100000 34110 Pass Resolution 26000 100000 32103 Pass Sum Intensity Sum Intensity Sum Intensity Sum Intensity 100 1e+11 11124 Pass 100 1e+11 46433 Pass 100 1e+11 1.1339e+05 Pass 100 1e+11 1.0574e+05 Pass Error (ppm) -2 00 2.00 -0.29489 Pass Error (ppm) -2 00 2.00 0.42228 Pass Error (nnm) -2 00 2.00 0.18601 Error (ppm) -2 00 2.00 -0.13032 Pass

TOF MS/MS Mass Check Zeno On **Pass** Slope: 0.000490110459676916, previous was 0.000490104245543839 Delay: -13.4793104998309, previous was -13.4753576833927 Average of 10 spectra - Confirmation Mode Complete 185.1285 298,2125 494.3337 607.4178 185 1285-298 2125-494.3339-607 4177--4000 3000 800 2500 2000 600 2000 1500 1500 611.4126 2000 400 1000 1000 200 498.3285 500 500 294 295 296 297 298 299 300 301 302 303 181 182 183 184 185 186 187 188 189 190 490 491 492 493 494 495 496 497 498 499 603 604 605 606 607 608 609 610 611 612 Max Item Max Actual Status Item Min Max Item 607.3178 607.5178 607.4177 Mass (Da) 185.0285 185.2285 185.1285 298.1125 298.3125 298.2125 Pass Mass (Da) 494.2337 494.4337 494.3339 Pass Mass (Da) Pass Mass (Da) Pass Resolution 100000 28595 Resolution 100000 31678 100000 31715 5160.4 Pass 100 1e+11 16955 100 1e+11 32124 Pass 100 26771 1e+11 0.0191 Pass 2.00 -0.17967 Pass -2.00 2.00 0.10283 Pass -2.00 2.00 -2.00 2.00 0.44864 -2.00 Error (ppm) Error (ppm) Error (ppm) Error (ppm)

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