

Instrument Tuning Report

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: Positive Quick Status Check

1. Positive MS Check

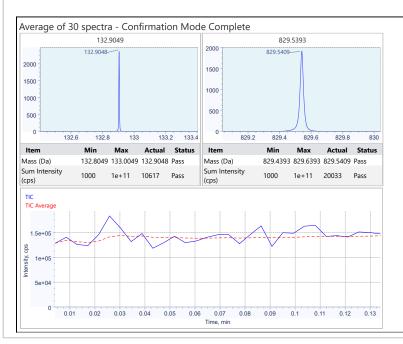
Achieve Stable Spray / Modify

Step Result Details

Pass Slope: 0.000490133285619169, previous was

0.000490133285619169

Delay: -13.4307194376961, previous was -13.4307194376961



Channel Alignment Pass Sum of 10 spectra 132.9049 829.5393 132.9042-2e+05 cbs 1e+05 1e+05 5e+04 5e+04 132.8 133 133.2 133.4 829.2 829.4 829.6 829 8 Item Min Max Actual Mass (Da) 132.6549 133.1549 132.9042 Mass (Da) 829.2893 829.7893 829.5393 Resolution 0 100000 32904 Pass Resolution 0 100000 38095 Pass Sum Intensity Sum Intensity 1e+11 6.7691e+05 Pass 0 1e+11 2.0698e+06 Pass (cps) Align to channel: 2 Result: Pass Min Max Initial Actual Channel 1 vs. 2 Slope -50 50 -0.120043065 -0.117001252 Pass Channel 1 vs. 2 Intercept -50 50 -12.439332828 -11.400294268 Pass Channel 3 vs. 2 Slope 0.077394386 0.076957301 Pass -4.227837729 -4.243283758 Pass Channel 4 vs. 2 Slope 0.125355297 0.124560793 Channel 4 vs. 2 Intercept -50 50 8 154452952 8 249161184

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Instrument Model:

Ion Source:

Serial Number:

Resolution

(cps)

Sum Intensity

Error (ppm)

21000

1000

-2.00

100000 30126 Pass

11416

-0.19379 Pass

Pass

Resolution

(cps)

Sum Intensity

Error (ppm)

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ZenoTOF 7600 System

OptiFlow 50-200µL Micro/MicroCal

FB24962403

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Optimization Set: Positive Quick Status Check

TOT NO. 1



100000 36041 Pass

19929 Pass

-0.19181 Pass

29000

1000

-2.00

Slope: 0.000490131250426979, previous was TOF MS/MS Mass Check **Pass** 0.000490132887747318 Delay: -13.5080460058285, previous was -13.4720886534025 Average of 10 spectra - Confirmation Mode Complete 185.1285 298.2125 494.3337 607.4178 1.5e+04 185.1283 494.3335 607.4173-298.2125 1500 6000 1e+04 1000 4000 611 4122 4000 5000 500 2000 490 491 492 493 494 495 496 497 498 499 181 182 183 184 185 186 187 188 189 190 294 295 296 297 298 299 300 301 302 303 603 604 605 606 607 608 609 610 611 612 Item Min Max Actual Status Item Max Actual Status Item Min Max Actual Status Item Min Max Actual 185.0285 185.2285 185.1283 Pass 298.1125 298.3125 298.2125 Pass 494.2337 494.4337 494.3335 607.3178 607.5178 607.4173 Mass (Da) Mass (Da) Mass (Da) Pass Mass (Da) Pass Resolution 21000 100000 23669 Pass Resolution 100000 29679 Pass Resolution 25000 100000 33170 Resolution 26000 100000 31500 22000 Pass Pass Sum Intensity Sum Intensity Sum Intensity Sum Intensity 100 1e+11 11779 Pass 100 1e+11 49116 Pass 100 1e+11 1.1848e+05 Pass 100 1e+11 1.0877e+05 Pass (cps) (cps) (cps) -2.00 2.00 -0.8556 Pass -2.00 2.00 -0.12799 Pass -2.00 2.00 -0.38203 Pass -2.00 2.00 -0.76124 Pass Error (ppm) Error (ppm) Error (ppm) Error (ppm)

TOF MS/MS Mass Check Zeno On Slope: 0.00049013262432843, previous was **Pass** 0.000490133967221069 Delay: -13.4889609414134, previous was -13.4771172863455 Average of 10 spectra - Confirmation Mode Complete 185.1285 298.2125 494.3337 607.4178 00 1204 298.2123 494.3335-3000 607.4171-4000 800 2500 2500 3000 2000 600 2000 1500 1500 2000 400 611.4121 1000 1000 200 1000 498.3281 500 295.2373 181 182 183 184 185 186 187 188 189 190 294 295 296 297 298 299 300 301 302 303 490 491 492 493 494 495 496 497 498 499 603 604 605 606 607 608 609 610 611 612 Actual Status Item Max Item Max Actual Status Min Max Actual Status Min Max Actual Status Min Min Item Item Mass (Da) 185 0285 185 2285 185 1284 Pass Mass (Da) 298 1125 298 3125 298 2123 Pass Mass (Da) 494 2337 494 4337 494 3335 Pass Mass (Da) 607 3178 607 5178 607 4171 Pass Resolution 21000 100000 27498 Pass Resolution 22000 100000 32034 Pass Resolution 25000 100000 30910 Pass Resolution 26000 100000 31015 Pass Sum Intensity Sum Intensity Sum Intensity Sum Intensity 100 5392.1 Pass 100 17287 Pass 100 1e+11 32691 100 26921 Pass (cps) (cps) (cps) (cps) -1.10883 Pass -0.51803 Pass Error (ppm) Error (ppm) Error (ppm) Error (ppm

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