

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: Negative Quick Status Check

1. Negative MS Check

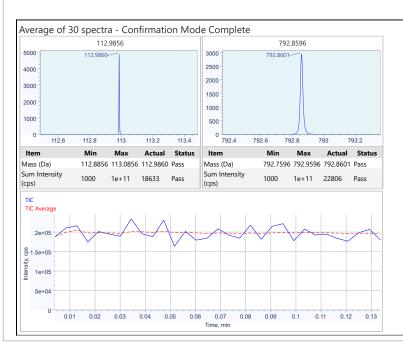
Step Result Details

Achieve Stable Spray / Modify Pass

Slope: 0.000490115400165438, previous was

0.000490115400165438

Delay: -13.6449276867815, previous was -13.6449276867815



Pass Channel Alignment Sum of 10 spectra 112.9856 792.8596 112.9855-2.5e+05 2e+05 cbs .5e+05 1e+05 5e+04 792.4 1126 112.8 113 113.2 113.4 792.6 m/z, Da m/z, Da Item Min Max Mass (Da) 112.7356 113.2356 112.9855 Mass (Da) 792.6096 793.1096 792.8595 Resolution 0 100000 34150 Pass Resolution 0 100000 46136 Pass Sum Intensity Sum Intensity 1e+11 1.2018e+06 Pass 0 1e+11 1.9411e+06 Pass (cps) Align to channel: 2 Result: Pass Min Max Initial Actual Channel 1 vs. 2 Slope -50 50 0.037853433 0.038370148 Pass Channel 1 vs. 2 Intercept -50 50 -10.101654145 -10.016989003 Pass Channel 3 vs. 2 Slope -0.114272873 -0.11065753 Pass Channel 3 vs. 2 Intercept -50 -2.993359538 -3.321336077 Pass Channel 4 vs. 2 Slope -0.282483141 -0.281075973 Pass Channel 4 vs. 2 Intercept -50 50 8 387563119 8 255954875

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Instrument Model:

TOF MS Mass Check

Ion Source:

Sum Intensity

Error (ppm)

100

-2.00

1e+11 11426

2.00

Pass

-0.55399 Pass

Instrument Tuning Report

Pass

nstrument Name: ZenoTOF™ 7600 System

ZenoTOF 7600 System

, .:EL E0 000 LAG (14)

OptiFlow 50-200µL Micro/MicroCal

Serial Number: FB24962403

Manufacturer: AB Sciex

Target Instrument: ZenoTOF 7600 System

Optimization Set: Negative Quick Status Check

Slope: 0.00049011539211048, previous was

0.000490115400165438

Delay: -13.6000897807409, previous was -13.6449276867815

Sum Intensity

Error (ppm)

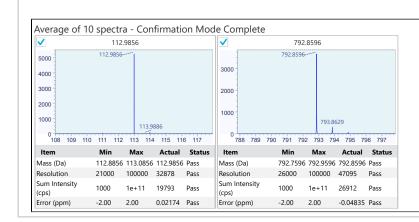
(cps)

100

-2.00 2.00

1e+11 48800

-0.70881 Pass



Sum Intensity

Error (ppm)

(cps)

100

-2.00 2.00

1e+11 11035 Pass

-0.82175 Pass

Slope: 0.000490114300113848, previous was TOF MS/MS Mass Check **Pass** 0.000490114575495871 Delay: -13.6734108656895, previous was -13.6687710028821 Average of 10 spectra - Confirmation Mode Complete 248.9604 384.9352 520.9100 656.8848 384.9349 520.9101 656.8843 2e+04 1500 1000 4000 1.5e+04 1000 3000 1e+04 500 2000 5000 1000 380 381 382 383 384 385 386 387 388 389 244 245 246 247 248 249 250 251 252 253 516 517 518 519 520 521 522 523 524 525 652 653 654 655 656 657 658 659 660 661 Item Min Max Actual Status Item Max Actual Status Item Min Max Actual Item Min Max Actual Status 248.8604 249.0604 248.9603 Pass 384.8352 385.0352 384.9349 Pass 520.8100 521.0100 520.9101 656.7848 656.9848 656.8843 Pass Mass (Da) Mass (Da) Mass (Da) Pass Mass (Da) Resolution 22000 100000 28881 Pass Resolution 100000 28445 Pass Resolution 25000 100000 43725 Resolution 26000 100000 35546 Pass 24000 Pass

Sum Intensity

Error (ppm)

(cps)

100

-2.00 2.00

1e+11 1.3762e+05 Pass

0.15013 Pass

TOF MS/MS Mass Check Zeno On Slope: 0.000490114232005733, previous was **Pass** 0.000490114281450425 Delay: -13.6369803416894, previous was -13.6340734819627 Average of 10 spectra - Confirmation Mode Complete 248.9604 384.9352 520.9100 656.8848 248 9600 5000 800 500 1500 400 600 3000 300 400 2000 500 200 1000 244 245 246 247 248 249 250 251 252 253 380 381 382 383 384 385 386 387 388 389 0 516 517 518 519 520 521 522 523 524 525 652 653 654 655 656 657 658 659 660 661 Min Max Actual Status Min Actual Status Item Min Max Actual Status Item Actual Status Max Min Max Item Item Mass (Da) 248 8604 249 0604 248 9600 Pass Mass (Da) 384 8352 385 0352 384 9346 Pass Mass (Da) 520 8100 521 0100 520 9096 Pass Mass (Da) 656 7848 656 9848 656 8839 Pass Resolution 22000 100000 40997 Pass Resolution 24000 100000 38360 Pass Resolution 25000 100000 37090 Pass Resolution 26000 100000 42412 Pass Sum Intensity Sum Intensity Sum Intensity Sum Intensity 1e+11 100 4246 Pass 100 3490.5 Pass 100 1e+11 36946 100 12385 Pass (cps) (cps) (cps) -1.30266 Pass -1.51142 Pass Error (ppm) Error (ppm) Error (ppm) Error (ppm)

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