

**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	Pass	Slope: 0.000490033673772555, previous was 0.000490033673772555 Delay: -13.5729236629259, previous was -13.5729236629259

Average of 30 spectra - Confirmation Mode Complete

Item	Min	Max	Actual	Status
Mass (Da)	112.8856	113.0856	112.9845	Pass
Sum Intensity (cps)	1000	1e+11	17312	Pass

Item	Min	Max	Actual	Status
Mass (Da)	792.7596	792.9596	792.8554	Pass
Sum Intensity (cps)	1000	1e+11	4160	Pass

## Channel Alignment

Pass

Sum of 10 spectra

Mass spectrum plot showing intensity (cps) vs m/z (Da). The x-axis ranges from 112.6 to 113.4 Da, and the y-axis ranges from 0 to 3e+05 cps. A single sharp peak is visible at m/z 112.9842.

Item	Min	Max	Actual	Status
Mass (Da)	112.7356	113.2356	112.9842	Pass
Resolution	0	100000	31566	Pass
Sum Intensity (cps)	0	1e+11	1.1865e+06	Pass

Mass spectrum plot showing intensity (cps) vs m/z (Da). The x-axis ranges from 792.4 to 793.2 Da, and the y-axis ranges from 0 to 1e+05 cps. A single sharp peak is visible at m/z 792.8540.

Item	Min	Max	Actual	Status
Mass (Da)	792.6096	793.1096	792.854	Pass
Resolution	0	100000	36221	Pass
Sum Intensity (cps)	0	1e+11	9.1238e+05	Pass

Align to channel: 2 Result: Pass

Item	Min	Max	Initial	Actual	Status
Channel 1 vs. 2 Slope	-50	50	0.045825247	0.043068018	Pass
Channel 1 vs. 2 Intercept	-50	50	-10.387126354	-10.005635959	Pass
Channel 3 vs. 2 Slope	-50	50	-0.112715037	-0.111289248	Pass
Channel 3 vs. 2 Intercept	-50	50	-4.210269242	-4.293339471	Pass
Channel 4 vs. 2 Slope	-50	50	-0.289369824	-0.286185017	Pass
Channel 4 vs. 2 Intercept	-50	50	8.516663085	8.315824949	Pass

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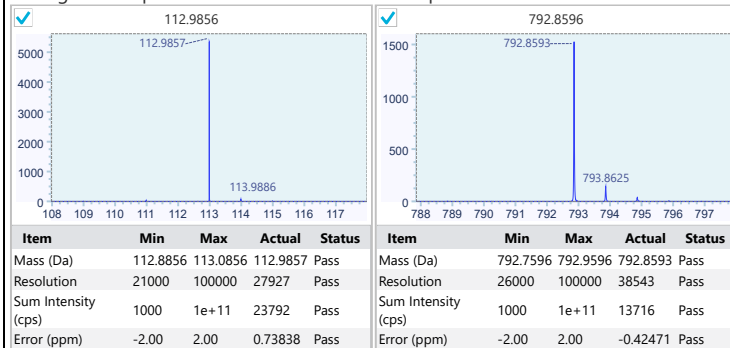
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## TOF MS Mass Check

**Pass**

Slope: 0.000490034192499836, previous was 0.000490033673772555  
Delay: -13.6196214379878, previous was -13.5729236629259

### Average of 10 spectra - Confirmation Mode Complete

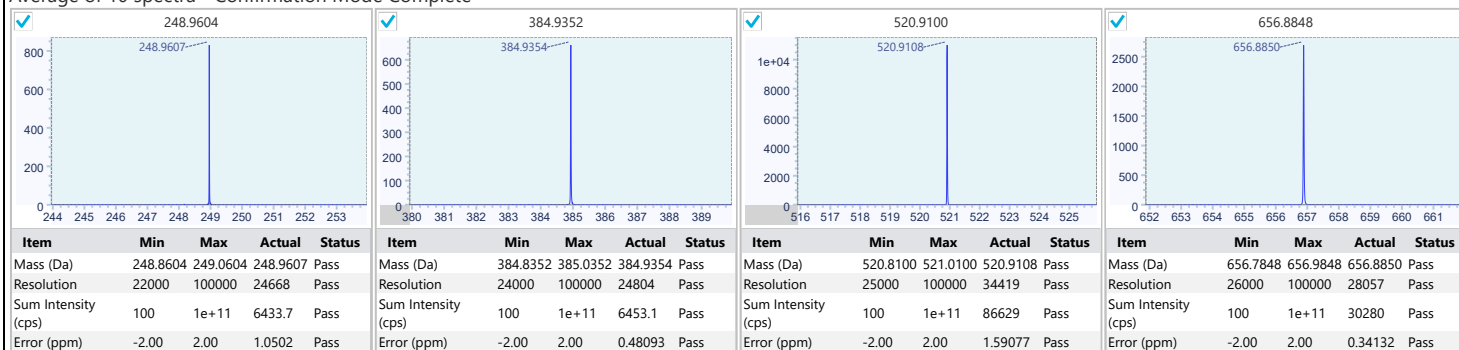


## TOF MS/MS Mass Check

**Pass**

Slope: 0.000490032679218046, previous was 0.00049003267233749  
Delay: -13.6888129448132, previous was -13.6844822351456

### Average of 10 spectra - Confirmation Mode Complete



## TOF MS/MS Mass Check Zeno On

**Pass**

Slope: 0.000490032394470276, previous was 0.000490032519742404  
Delay: -13.6665590376192, previous was -13.633126175639

### Average of 10 spectra - Confirmation Mode Complete

