

**Instrument Name:** ZenoTOF™ 7600 System LC200  
**Instrument Model:** ZenoTOF 7600 System  
**Ion Source:** OptiFlow 1-50µL 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: 0.000490059464391004, previous was 0.000490059464391004 Delay: -13.3716444288193, previous was -13.3716444288193																														
Average of 30 spectra - Confirmation Mode Complete																																
<table><tr><th>Item</th><th>Min</th><th>Max</th><th>Actual</th><th>Status</th></tr><tr><td>Mass (Da)</td><td>132.8049</td><td>133.0049</td><td>132.9040</td><td>Pass</td></tr><tr><td>Sum Intensity (cps)</td><td>1000</td><td>1e+11</td><td>12509</td><td>Pass</td></tr></table>	Item	Min	Max	Actual	Status	Mass (Da)	132.8049	133.0049	132.9040	Pass	Sum Intensity (cps)	1000	1e+11	12509	Pass	<table><tr><th>Item</th><th>Min</th><th>Max</th><th>Actual</th><th>Status</th></tr><tr><td>Mass (Da)</td><td>829.4393</td><td>829.6393</td><td>829.5362</td><td>Pass</td></tr><tr><td>Sum Intensity (cps)</td><td>1000</td><td>1e+11</td><td>10617</td><td>Pass</td></tr></table>		Item	Min	Max	Actual	Status	Mass (Da)	829.4393	829.6393	829.5362	Pass	Sum Intensity (cps)	1000	1e+11	10617	Pass
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Sum Intensity (cps)	1000	1e+11	10617	Pass																												

## Channel Alignment

Pass

Sum of 10 spectra

Item	Min	Max	Actual	Status	Item	Min	Max	Actual	Status
Mass (Da)	132.6549	133.1549	132.9036	Pass	Mass (Da)	829.2893	829.7893	829.5354	Pass
Resolution	0	100000	37441	Pass	Resolution	0	100000	36193	Pass
Sum Intensity (cps)	0	1e+11	6.7919e+05	Pass	Sum Intensity (cps)	0	1e+11	1.4133e+06	Pass
Align to channel: 2 Result: Pass									
Item	Min	Max	Initial	Actual	Status				
Channel 1 vs. 2 Slope	-50	50	-0.122179181	-0.117311671	Pass				
Channel 1 vs. 2 Intercept	-50	50	-10.581159335	-11.014634553	Pass				
Channel 3 vs. 2 Slope	-50	50	0.068140701	0.075182013	Pass				
Channel 3 vs. 2 Intercept	-50	50	-3.454496098	-4.162069831	Pass				
Channel 4 vs. 2 Slope	-50	50	0.108828614	0.120714774	Pass				
Channel 4 vs. 2 Intercept	-50	50	9.233319434	8.893861193	Pass				

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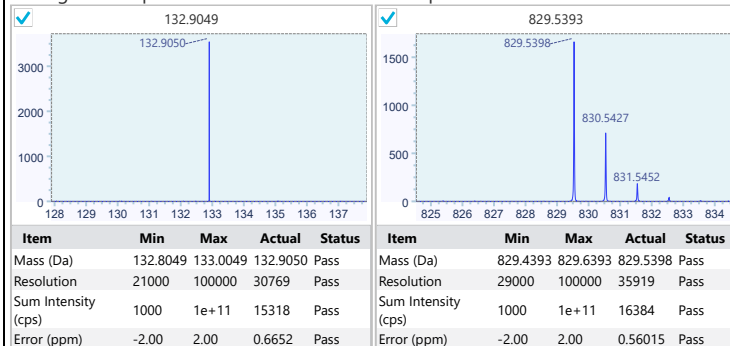
**Manufacturer:** AB Sciex  
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## TOF MS Mass Check

**Pass**

Slope: 0.000490059574014949, previous was 0.000490059464391004  
Delay: -13.450384303305, previous was -13.3716444288193

### Average of 10 spectra - Confirmation Mode Complete

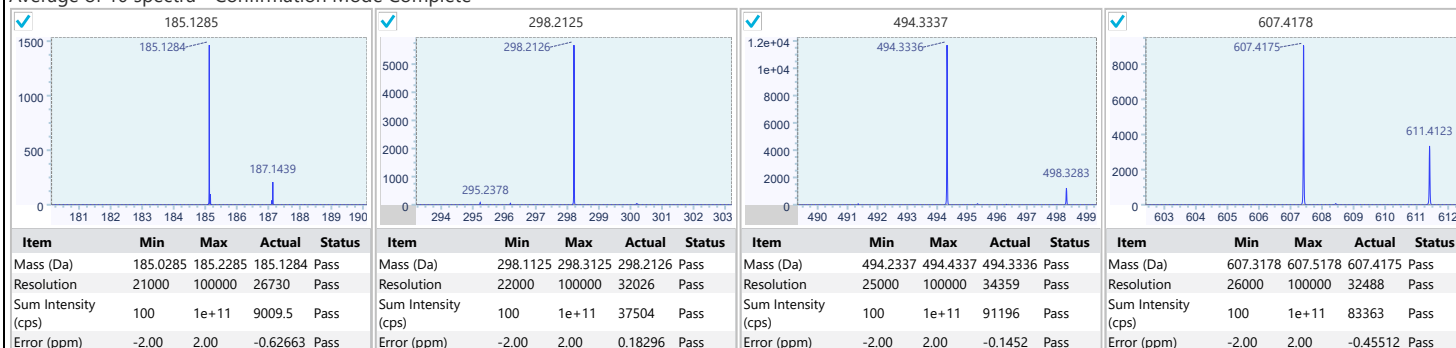


## TOF MS/MS Mass Check

**Pass**

Slope: 0.000490058710009135, previous was 0.000490059183980947  
Delay: -13.4633394372086, previous was -13.4069987837983

### Average of 10 spectra - Confirmation Mode Complete



## TOF MS/MS Mass Check Zeno On

**Pass**

Slope: 0.000490060063726577, previous was 0.000490060018948376  
Delay: -13.4385355490967, previous was -13.4102361402974

### Average of 10 spectra - Confirmation Mode Complete

