Instrument Tuning Report

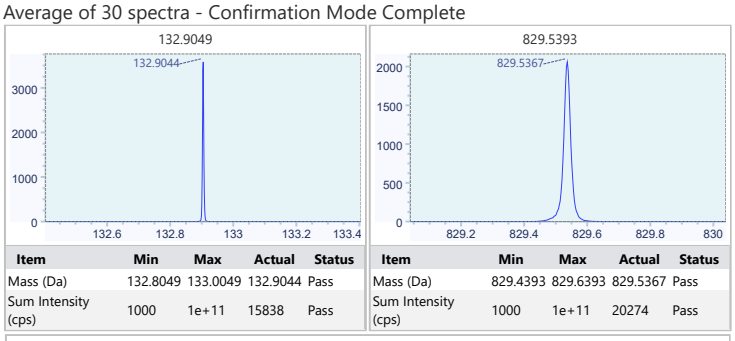
9/20/2024 7:33 AM

Instrument Name:	ZenoTOF™ 7600 System	**Manufacturer:**	AB Sciex
Instrument Model:	ZenoTOF 7600 System	**Target Instrument:**	ZenoTOF 7600 System
Ion Source:	OptiFlow 50-200µL Micro/MicroCal	**Optimization Set:**	Positive Quick Status Check
Serial Number:	FB24962403		

1. Positive MS Check

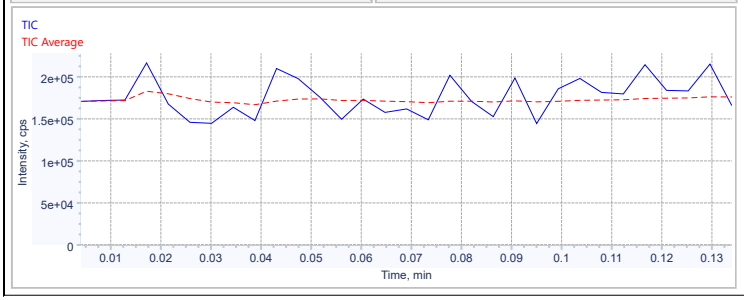
Step	Result	Details
Achieve Stable Spray / Modify	**Pass**	Slope: 0.000490060160250438, previous was 0.000490060160250438 Delay: -13.4283184059463, previous was -13.4283184059463

Average of 30 spectra - Confirmation Mode Complete



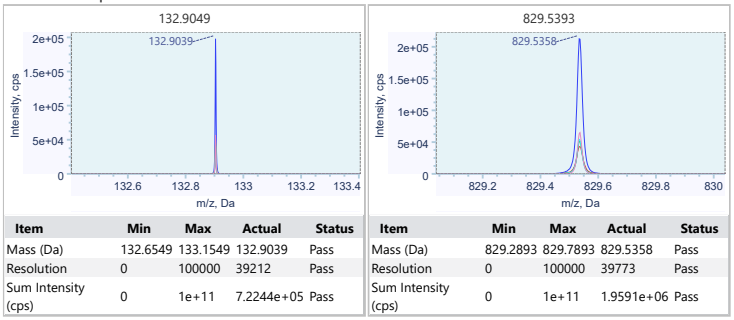
Item	Min	Max	Actual	Status
Mass (Da)	132.8049	133.0049	132.9044	Pass
Sum Intensity (cps)	1000	1e+11	15838	Pass

Item	Min	Max	Actual	Status
Mass (Da)	829.4393	829.6393	829.5367	Pass
Sum Intensity (cps)	1000	1e+11	20274	Pass



Step	Result
Channel Alignment	**Pass**

Sum of 10 spectra



Item	Min	Max	Actual	Status
Mass (Da)	132.6549	133.1549	132.9039	Pass
Resolution	0	100000	39212	Pass
Sum Intensity (cps)	0	1e+11	7.2244e+05	Pass

Item	Min	Max	Actual	Status
Mass (Da)	829.2893	829.7893	829.5358	Pass
Resolution	0	100000	39773	Pass
Sum Intensity (cps)	0	1e+11	1.9591e+06	Pass

Align to channel: 2 Result: Pass

Item	Min	Max	Initial	Actual	Status
Channel 1 vs. 2 Slope	-50	50	-0.124026657	-0.12258086	Pass
Channel 1 vs. 2 Intercept	-50	50	-11.476153357	-10.976152969	Pass
Channel 3 vs. 2 Slope	-50	50	0.075176596	0.077422215	Pass
Channel 3 vs. 2 Intercept	-50	50	-3.850695275	-4.123430885	Pass
Channel 4 vs. 2 Slope	-50	50	0.121154226	0.121551654	Pass
Channel 4 vs. 2 Intercept	-50	50	8.566266102	8.895231992	Pass

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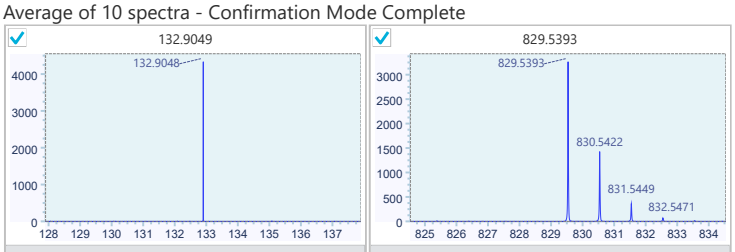
Ion Source:	OptiFlow 50-200µL Micro/MicroCal	**Optimization Set:**	Positive Quick Status Check
Serial Number:	FB24962403		

TOF MS Mass Check

Pass

Slope: 0.000490060809994172, previous was 0.000490060160250438
Delay: -13.4298425019056, previous was -13.4283184059463

Average of 10 spectra - Confirmation Mode Complete



Item	Min	Max	Actual	Status
Mass (Da)	132.8049	133.0049	132.9048	Pass
Resolution	21000	100000	29177	Pass
Sum Intensity (cps)	1000	1e+11	19637	Pass
Error (ppm)	-2.00	2.00	-0.46935	Pass

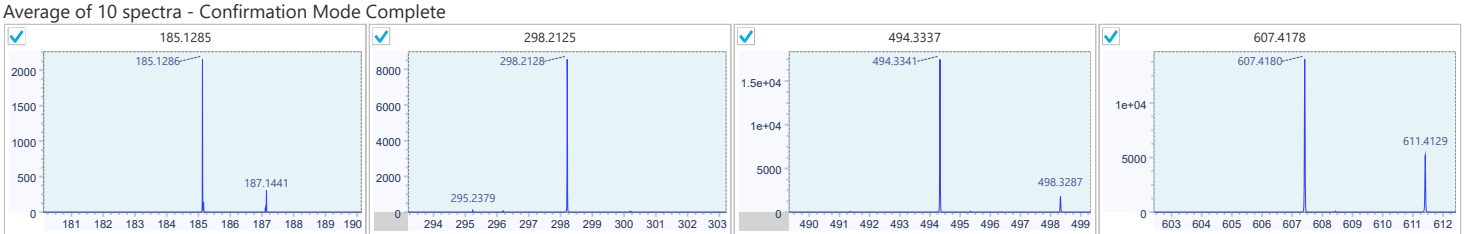
Item	Min	Max	Actual	Status
Mass (Da)	829.4393	829.6393	829.5393	Pass
Resolution	29000	100000	39084	Pass
Sum Intensity (cps)	1000	1e+11	29993	Pass
Error (ppm)	-2.00	2.00	-0.03396	Pass

TOF MS/MS Mass Check

Pass

Slope: 0.000490059615083767, previous was 0.00049005941673401
Delay: -13.478681023327, previous was -13.4885969924185

Average of 10 spectra - Confirmation Mode Complete



Item	Min	Max	Actual	Status
Mass (Da)	185.0285	185.2285	185.1286	Pass
Resolution	21000	100000	26928	Pass
Sum Intensity (cps)	100	1e+11	13264	Pass
Error (ppm)	-2.00	2.00	0.34344	Pass

Item	Min	Max	Actual	Status
Mass (Da)	298.1125	298.3125	298.2128	Pass
Resolution	22000	100000	32829	Pass
Sum Intensity (cps)	100	1e+11	54941	Pass
Error (ppm)	-2.00	2.00	0.98767	Pass

Item	Min	Max	Actual	Status
Mass (Da)	494.2337	494.4337	494.3341	Pass
Resolution	25000	100000	34739	Pass
Sum Intensity (cps)	100	1e+11	1.3364e+05	Pass
Error (ppm)	-2.00	2.00	0.77913	Pass

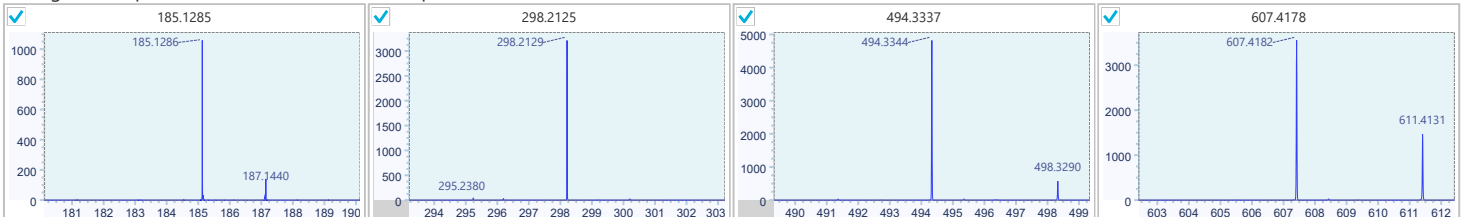
Item	Min	Max	Actual	Status
Mass (Da)	607.3178	607.5178	607.4180	Pass
Resolution	26000	100000	33757	Pass
Sum Intensity (cps)	100	1e+11	1.228e+05	Pass
Error (ppm)	-2.00	2.00	0.32924	Pass

TOF MS/MS Mass Check Zeno On

Pass

Slope: 0.000490060860229389, previous was 0.000490060719118592
Delay: -13.4442466633788, previous was -13.4733103087497

Average of 10 spectra - Confirmation Mode Complete



Item	Min	Max	Actual	Status
Mass (Da)	185.0285	185.2285	185.1286	Pass
Resolution	21000	100000	29729	Pass
Sum Intensity (cps)	100	1e+11	6024.3	Pass
Error (ppm)	-2.00	2.00	0.78449	Pass

Item	Min	Max	Actual	Status
Mass (Da)	298.1125	298.3125	298.2129	Pass
Resolution	22000	100000	32811	Pass
Sum Intensity (cps)	100	1e+11	19377	Pass
Error (ppm)	-2.00	2.00	1.30582	Pass

Item	Min	Max	Actual	Status
Mass (Da)	494.2337	494.4337	494.3344	Pass
Resolution	25000	100000	32547	Pass
Sum Intensity (cps)	100	1e+11	36818	Pass
Error (ppm)	-2.00	2.00	1.46356	Pass

Item	Min	Max	Actual	Status
Mass (Da)	607.3178	607.5178	607.4182	Pass
Resolution	26000	100000	33056	Pass
Sum Intensity (cps)	100	1e+11	30167	Pass
Error (ppm)	-2.00	2.00	0.66201	Pass