Instrument Tuning Report

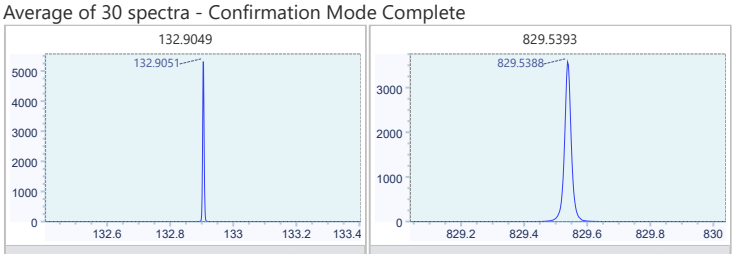
12/20/2024 8:24 AM

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

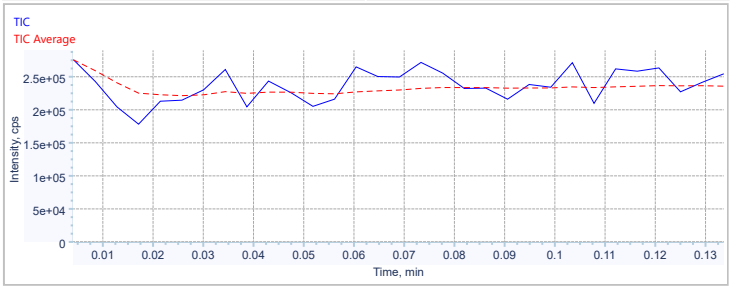
Step	Result	Details
Achieve Stable Spray / Modify	**Pass**	Slope: 0.000490174949761718, previous was 0.000490174949761718 Delay: -13.4887403415621, previous was -13.4887403415621

Average of 30 spectra - Confirmation Mode Complete



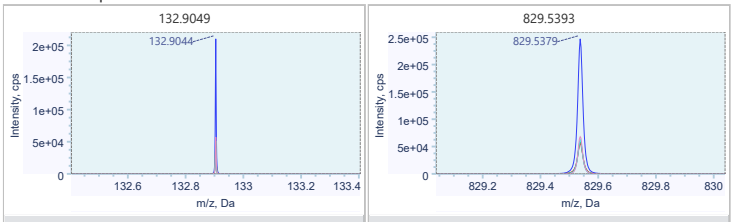
Item	Min	Max	Actual	Status
Mass (Da)	132.8049	133.0049	132.9051	Pass
Sum Intensity (cps)	1000	1e+11	26138	Pass

Item	Min	Max	Actual	Status
Mass (Da)	829.4393	829.6393	829.5388	Pass
Sum Intensity (cps)	1000	1e+11	32016	Pass



Step	Result
Channel Alignment	**Pass**

Sum of 10 spectra



Item	Min	Max	Actual	Status
Mass (Da)	132.6549	133.1549	132.9044	Pass
Resolution	0	100000	41099	Pass
Sum Intensity (cps)	0	1e+11	7.1471e+05	Pass

Item	Min	Max	Actual	Status
Mass (Da)	829.2893	829.7893	829.5379	Pass
Resolution	0	100000	43147	Pass
Sum Intensity (cps)	0	1e+11	2.0584e+06	Pass

Align to channel: 2 Result: Pass

Item	Min	Max	Initial	Actual	Status
Channel 1 vs. 2 Slope	-50	50	-0.050293963	-0.039423508	Pass
Channel 1 vs. 2 Intercept	-50	50	-10.206346413	-10.99007258	Pass
Channel 3 vs. 2 Slope	-50	50	-0.005097428	0.002874032	Pass
Channel 3 vs. 2 Intercept	-50	50	-3.637824259	-4.900827005	Pass
Channel 4 vs. 2 Slope	-50	50	-0.046731276	-0.03631523	Pass
Channel 4 vs. 2 Intercept	-50	50	8.197220641	7.59231876	Pass

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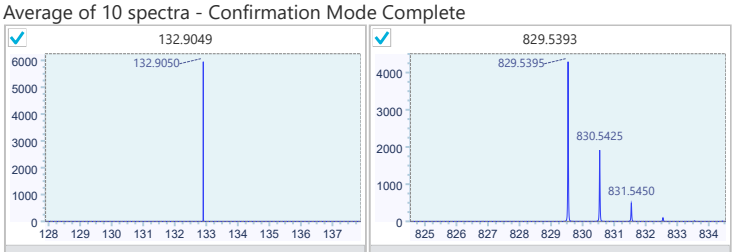
Instrument Model:	ZenoTOF 7600 System	**Target Instrument:**	ZenoTOF 7600 System
Ion Source:	OptiFlow 50-200µL Micro/MicroCal	**Optimization Set:**	Positive Quick Status Check
Serial Number:	FB24962403		

TOF MS Mass Check

Pass

Slope: 0.000490175279530462, previous was 0.000490174949761718
Delay: -13.4711490518821, previous was -13.4887403415621

Average of 10 spectra - Confirmation Mode Complete



Item	Min	Max	Actual	Status
Mass (Da)	132.8049	133.0049	132.9050	Pass
Resolution	21000	100000	26597	Pass
Sum Intensity (cps)	1000	1e+11	29174	Pass
Error (ppm)	-2.00	2.00	0.45513	Pass

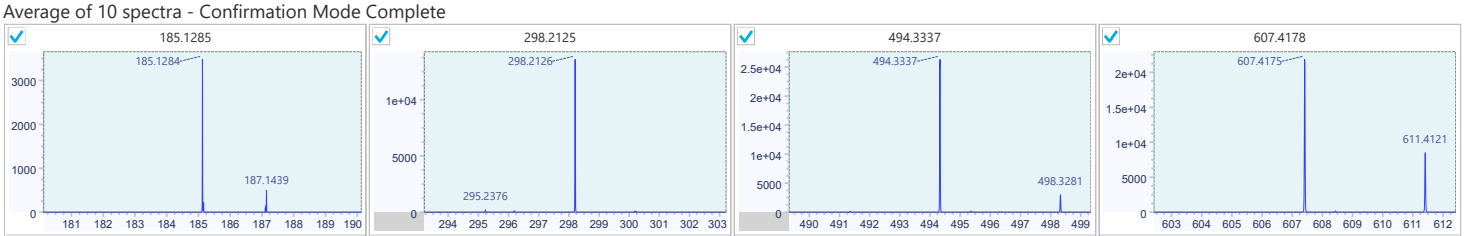
Item	Min	Max	Actual	Status
Mass (Da)	829.4393	829.6393	829.5395	Pass
Resolution	29000	100000	39115	Pass
Sum Intensity (cps)	1000	1e+11	38590	Pass
Error (ppm)	-2.00	2.00	0.19423	Pass

TOF MS/MS Mass Check

Pass

Slope: 0.000490174010308048, previous was 0.000490174386218911
Delay: -13.5046576161516, previous was -13.5002542809143

Average of 10 spectra - Confirmation Mode Complete



Item	Min	Max	Actual	Status
Mass (Da)	185.0285	185.2285	185.1284	Pass
Resolution	21000	100000	27653	Pass
Sum Intensity (cps)	100	1e+11	20722	Pass
Error (ppm)	-2.00	2.00	-0.60551	Pass

Item	Min	Max	Actual	Status
Mass (Da)	298.1125	298.3125	298.2126	Pass
Resolution	22000	100000	32843	Pass
Sum Intensity (cps)	100	1e+11	85269	Pass
Error (ppm)	-2.00	2.00	0.25278	Pass

Item	Min	Max	Actual	Status
Mass (Da)	494.2337	494.4337	494.3337	Pass
Resolution	25000	100000	32947	Pass
Sum Intensity (cps)	100	1e+11	2.0586e+05	Pass
Error (ppm)	-2.00	2.00	-0.02983	Pass

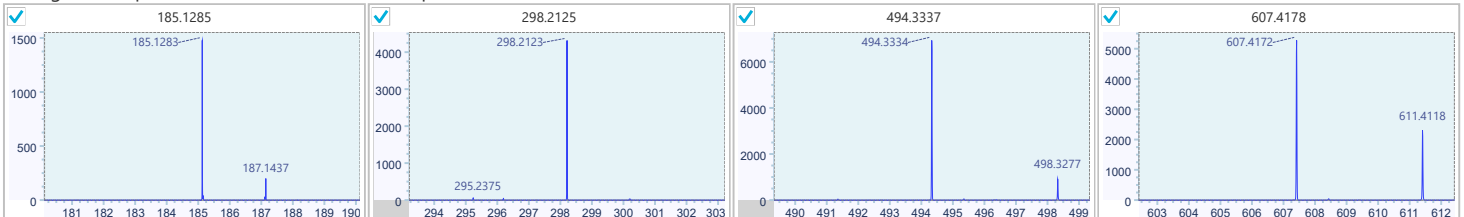
Item	Min	Max	Actual	Status
Mass (Da)	607.3178	607.5178	607.4175	Pass
Resolution	26000	100000	32614	Pass
Sum Intensity (cps)	100	1e+11	1.9299e+05	Pass
Error (ppm)	-2.00	2.00	-0.47533	Pass

TOF MS/MS Mass Check Zeno On

Pass

Slope: 0.000490174489367797, previous was 0.000490174948048446
Delay: -13.4813644978154, previous was -13.4855328463341

Average of 10 spectra - Confirmation Mode Complete



Item	Min	Max	Actual	Status
Mass (Da)	185.0285	185.2285	185.1283	Pass
Resolution	21000	100000	29421	Pass
Sum Intensity (cps)	100	1e+11	8476.4	Pass
Error (ppm)	-2.00	2.00	-0.90494	Pass

Item	Min	Max	Actual	Status
Mass (Da)	298.1125	298.3125	298.2123	Pass
Resolution	22000	100000	29361	Pass
Sum Intensity (cps)	100	1e+11	28598	Pass
Error (ppm)	-2.00	2.00	-0.55758	Pass

Item	Min	Max	Actual	Status
Mass (Da)	494.2337	494.4337	494.3334	Pass
Resolution	25000	100000	31196	Pass
Sum Intensity (cps)	100	1e+11	55023	Pass
Error (ppm)	-2.00	2.00	-0.66101	Pass

Item	Min	Max	Actual	Status
Mass (Da)	607.3178	607.5178	607.4172	Pass
Resolution	26000	100000	31685	Pass
Sum Intensity (cps)	100	1e+11	45941	Pass
Error (ppm)	-2.00	2.00	-1.00023	Pass