Instrument Tuning Report

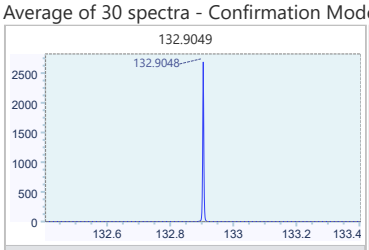
12/4/2024 1:47 PM

Instrument Name:	ZenoTOF™ 7600 System LC200	**Manufacturer:**	AB Sciex
Instrument Model:	ZenoTOF 7600 System	**Target Instrument:**	ZenoTOF 7600 System
Ion Source:	OptiFlow 1-50µL Micro/MicroCal	**Optimization Set:**	Positive Quick Status Check
Serial Number:	FB24962403		

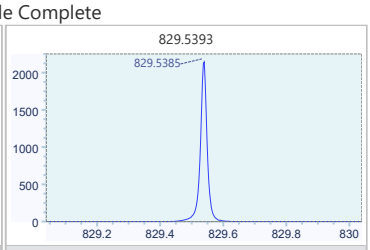
1. Positive MS Check

Step	Result	Details
Achieve Stable Spray / Modify	**Pass**	Slope: 0.000490178399948099, previous was 0.000490178399948099 Delay: -13.4570174949306, previous was -13.4570174949306

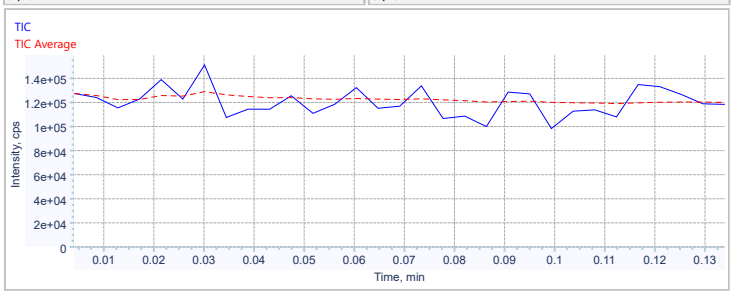
Average of 30 spectra - Confirmation Mode Complete



Item	Min	Max	Actual	Status
Mass (Da)	132.8049	133.0049	132.9048	Pass
Sum Intensity (cps)	1000	1e+11	10116	Pass

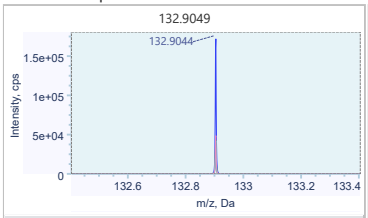


Item	Min	Max	Actual	Status
Mass (Da)	829.4393	829.6393	829.5385	Pass
Sum Intensity (cps)	1000	1e+11	19334	Pass

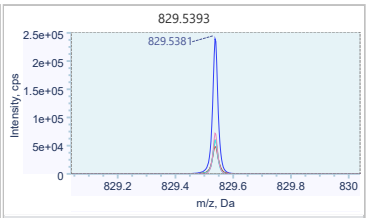


Step	Result	Details
Channel Alignment	**Pass**	

Sum of 10 spectra



Item	Min	Max	Actual	Status
Mass (Da)	132.6549	133.1549	132.9044	Pass
Resolution	0	100000	38972	Pass
Sum Intensity (cps)	0	1e+11	6.4518e+05	Pass



Item	Min	Max	Actual	Status
Mass (Da)	829.2893	829.7893	829.5381	Pass
Resolution	0	100000	43442	Pass
Sum Intensity (cps)	0	1e+11	2.0225e+06	Pass

Align to channel: 2 Result: Pass

Item	Min	Max	Initial	Actual	Status
Channel 1 vs. 2 Slope	-50	50	-0.127427973	-0.118501576	Pass
Channel 1 vs. 2 Intercept	-50	50	-10.78771791	-11.453747983	Pass
Channel 3 vs. 2 Slope	-50	50	0.072660388	0.075212626	Pass
Channel 3 vs. 2 Intercept	-50	50	-3.996284445	-4.025329752	Pass
Channel 4 vs. 2 Slope	-50	50	0.111825314	0.115082975	Pass
Channel 4 vs. 2 Intercept	-50	50	9.059756629	8.616777451	Pass

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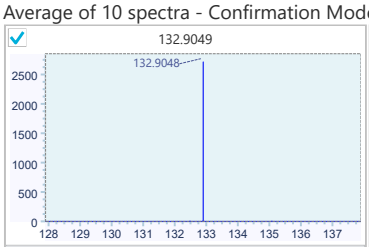
Instrument Name:	ZenoTOF™ 7600 System LC200	**Manufacturer:**	AB Sciex
Instrument Model:	ZenoTOF 7600 System	**Target Instrument:**	ZenoTOF 7600 System
Ion Source:	OptiFlow 1-50µL Micro/MicroCal	**Optimization Set:**	Positive Quick Status Check
Serial Number:	FB24962403		

TOF MS Mass Check

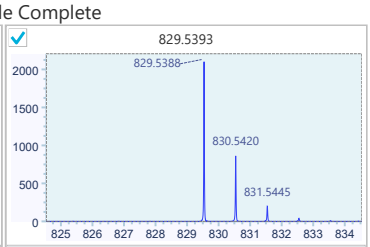
Pass

Slope: 0.000490178385123102, previous was 0.000490178399948099
Delay: -13.4577071296833, previous was -13.4570174949306

Average of 10 spectra - Confirmation Mode Complete



Item	Min	Max	Actual	Status
Mass (Da)	132.8049	133.0049	132.9048	Pass
Resolution	21000	100000	35715	Pass
Sum Intensity (cps)	1000	1e+11	10269	Pass
Error (ppm)	-2.00	2.00	-0.78923	Pass



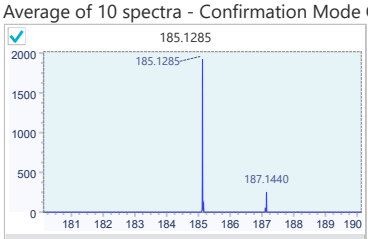
Item	Min	Max	Actual	Status
Mass (Da)	829.4393	829.6393	829.5388	Pass
Resolution	29000	100000	40522	Pass
Sum Intensity (cps)	1000	1e+11	18747	Pass
Error (ppm)	-2.00	2.00	-0.59698	Pass

TOF MS/MS Mass Check

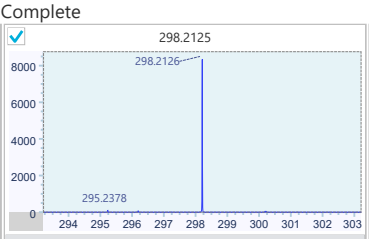
Pass

Slope: 0.000490177658387613, previous was 0.000490177859332247
Delay: -13.4789145092723, previous was -13.4646724934156

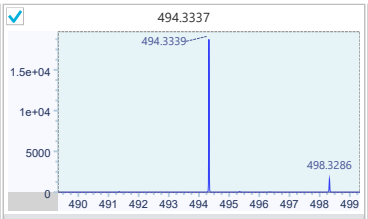
Average of 10 spectra - Confirmation Mode Complete



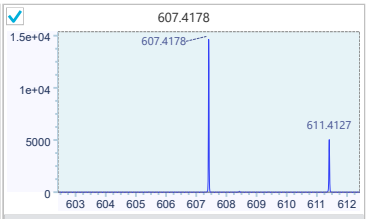
Item	Min	Max	Actual	Status
Mass (Da)	185.0285	185.2285	185.1285	Pass
Resolution	21000	100000	27713	Pass
Sum Intensity (cps)	100	1e+11	11543	Pass
Error (ppm)	-2.00	2.00	-0.01156	Pass



Item	Min	Max	Actual	Status
Mass (Da)	298.1125	298.3125	298.2126	Pass
Resolution	22000	100000	36261	Pass
Sum Intensity (cps)	100	1e+11	48413	Pass
Error (ppm)	-2.00	2.00	0.49313	Pass



Item	Min	Max	Actual	Status
Mass (Da)	494.2337	494.4337	494.3339	Pass
Resolution	25000	100000	42230	Pass
Sum Intensity (cps)	100	1e+11	1.1755e+05	Pass
Error (ppm)	-2.00	2.00	0.45199	Pass



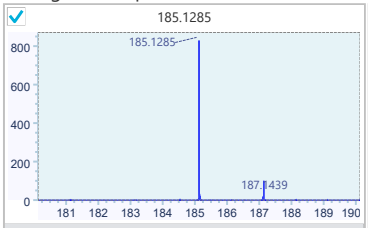
Item	Min	Max	Actual	Status
Mass (Da)	607.3178	607.5178	607.4178	Pass
Resolution	26000	100000	40070	Pass
Sum Intensity (cps)	100	1e+11	1.0782e+05	Pass
Error (ppm)	-2.00	2.00	-0.05063	Pass

TOF MS/MS Mass Check Zeno On

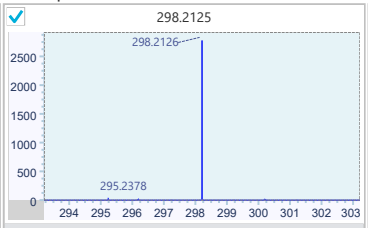
Pass

Slope: 0.000490179362685442, previous was 0.000490178955931249
Delay: -13.4430372035668, previous was -13.4350160450402

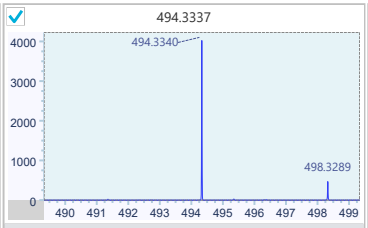
Average of 10 spectra - Confirmation Mode Complete



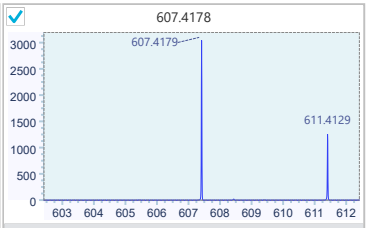
Item	Min	Max	Actual	Status
Mass (Da)	185.0285	185.2285	185.1285	Pass
Resolution	21000	100000	33481	Pass
Sum Intensity (cps)	100	1e+11	4244.8	Pass
Error (ppm)	-2.00	2.00	-0.18156	Pass



Item	Min	Max	Actual	Status
Mass (Da)	298.1125	298.3125	298.2126	Pass
Resolution	22000	100000	41051	Pass
Sum Intensity (cps)	100	1e+11	13952	Pass
Error (ppm)	-2.00	2.00	0.2478	Pass



Item	Min	Max	Actual	Status
Mass (Da)	494.2337	494.4337	494.3340	Pass
Resolution	25000	100000	38447	Pass
Sum Intensity (cps)	100	1e+11	26882	Pass
Error (ppm)	-2.00	2.00	0.57702	Pass



Item	Min	Max	Actual	Status
Mass (Da)	607.3178	607.5178	607.4179	Pass
Resolution	26000	100000	40905	Pass
Sum Intensity (cps)	100	1e+11	21766	Pass
Error (ppm)	-2.00	2.00	0.17173	Pass