Auto CAL/RES Results Report

For Q1 Positive Mode

System Information

Instrument Model: IONICS 3Q 320
Instrument Serial Number: A0009201106
Manufacturer: IONICS MASS SPECTROMETRY
Scan Mode: Q1, Positive
Resolution: Unit_Unit
Source: ESI 2
Method: Q1 PPG POS Default.xml

Search Parameters

Peak Width At (%): 50 Search Range (amu): +/- 0.8 Threshold (cps): 1000

Compound	
Multipole 1 RF	450.0
Entrance Voltage	65.0
Not Used 1	0.0
Multipole 1	0.0
Multipole Lens 1	0.0
Multipole 2	0.0
Multipole Lens 2	0.0
Prefilter	-14.0
Collision Cell Lens 1	0.0
Collision Cell Lens 2	-360.0
Collision Energy	-50.0
Axial Field	0.0
Collision Cell Lens 3	-51.0
Collision Cell Lens 4	-60.0
Collision Pressure	0.0

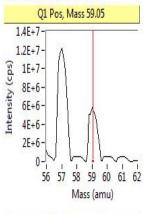
Source	
Drying Gas	80.0
Nebulizer Gas 1	0.0
Heating Gas 1	0.0
Nebulizer Gas 2	80.0
Heating Gas 2	0.0
Source Exhaust	0.0
HSID Temperature	320.0
Source 1 Temp	0.0
Source 2 Temp	0.0
ElectroSpray V1	0.0
ElectroSpray V2	5850.0
Curtain Cap	1000.0

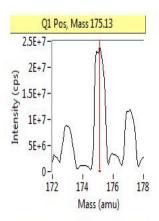
Resolution	Ĭ
Quadrupole 1	-1.0
Quadrupole 2	-53.0

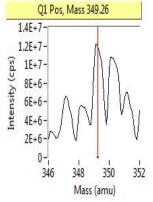
Date Performed: 03/30/2015 14:58:13 Last Performed: 03/30/2015 14:58:13

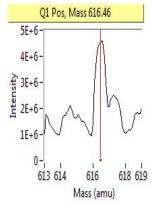
Detector	i i
Detector Deflector	-100.0
Discriminator	12.0
Detector Voltage	2400.0
Detector Horn	5500.0

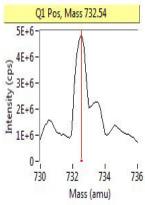
Number of Scans (Sum): 10

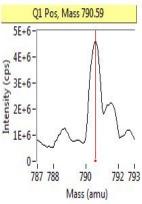












Current Results

03/30/2015 14:58:13

Mass Found (amu)	Mass Shift (amu)	Peak Width	Peak Height (cps)	Calibration DAC	Calibration Slope (DAC/amu)	Resolution DAC	Resolution Slope (DAC/amu)	Status
59.12	0.07	0.66	578980.00	17075.40	288.33	32260.00	7.64	Found
175.07	-0.06	0.68	2398820.00	50544.33	288.33	33146.78	7.64	Found
349.24	-0.02	0.68	1211900.00	100735.02	288.24	34269.75	6.45	Found
616.48	0.02	0.69	457960.00	177843.79	288.58	36100.00	6.85	Found
732.52	-0.02	0.70	480560.00	211340.61	288.57	36821.91	6.22	Found
790.56	-0.03	0.72	462940.00	228084.00	288.43	37151.11	5.67	Found
	(amu) 59.12 175.07 349.24 616.48 732.52	(amu) (amu) 59.12 0.07 175.07 -0.06 349.24 -0.02 616.48 0.02 732.52 -0.02	(amu) (amu) Width 59.12 0.07 0.66 175.07 -0.06 0.68 349.24 -0.02 0.68 616.48 0.02 0.69 732.52 -0.02 0.70	(amu) (amu) Width (cps) 59.12 0.07 0.66 578980.00 175.07 -0.06 0.68 2398820.00 349.24 -0.02 0.68 1211900.00 616.48 0.02 0.69 457960.00 732.52 -0.02 0.70 480560.00	(amu) (amu) Width (cps) DAC 59.12 0.07 0.66 578980.00 17075.40 175.07 -0.06 0.68 2398820.00 50544.33 349.24 -0.02 0.68 1211900.00 100735.02 616.48 0.02 0.69 457960.00 177843.79 732.52 -0.02 0.70 480560.00 211340.61	(amu) (amu) Width (cps) DAC (DAC/amu) 59.12 0.07 0.66 578980.00 17075.40 288.33 175.07 -0.06 0.68 2398820.00 50544.33 288.33 349.24 -0.02 0.68 1211900.00 100735.02 288.24 616.48 0.02 0.69 457960.00 177843.79 288.58 732.52 -0.02 0.70 480560.00 211340.61 288.57	(amu) (amu) Width (cps) DAC (DAC/amu) DAC 59.12 0.07 0.66 578980.00 17075.40 288.33 32260.00 175.07 -0.06 0.68 2398820.00 50544.33 288.33 33146.78 349.24 -0.02 0.68 1211900.00 100735.02 288.24 34269.75 616.48 0.02 0.69 457960.00 177843.79 288.58 36100.00 732.52 -0.02 0.70 480560.00 211340.61 288.57 36821.91	(amu) (amu) Width (cps) DAC (DAC/amu) DAC (DAC/amu) 59.12 0.07 0.66 578980.00 17075.40 288.33 32260.00 7.64 175.07 -0.06 0.68 2398820.00 50544.33 288.33 33146.78 7.64 349.24 -0.02 0.68 1211900.00 100735.02 288.24 34269.75 6.45 616.48 0.02 0.69 457960.00 177843.79 288.58 36100.00 6.85 732.52 -0.02 0.70 480560.00 211340.61 288.57 36821.91 6.22

Auto CAL/RES Results Report

For Q2 Positive Mode

System Information

Instrument Model: IONICS 3Q 320
Instrument Serial Number: A0009201106
Manufacturer: IONICS MASS SPECTROMETRY
Scan Mode: Q2, Positive
Resolution: Unit_Unit
Source: ESI 2
Method: Q2 PPG POS Default.xml

Search Parameters

Peak Width At (%): 50 Search Range (amu): +/- 0.8 Threshold (cps): 1000

Compound	
Multipole 1 RF	450.0
Entrance Voltage	65.0
Not Used 1	0.0
Multipole 1	0.0
Multipole Lens 1	0.0
Multipole 2	0.0
Multipole Lens 2	0.0
Prefilter	-14.0
Collision Cell Lens 1	0.0
Collision Cell Lens 2	-20.0
Collision Energy	-15.0
Axial Field	100.0
Collision Cell Lens 3	-15.5
Collision Cell Lens 4	-35.0
Collision Pressure	400.0

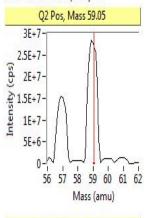
Source	
Drying Gas	80.0
Nebulizer Gas 1	0.0
Heating Gas 1	0.0
Nebulizer Gas 2	80.0
Heating Gas 2	0.0
Source Exhaust	0.0
HSID Temperature	320.0
Source 1 Temp	0.0
Source 2 Temp	0.0
ElectroSpray V1	0.0
ElectroSpray V2	5850.0
Curtain Cap	1000.0

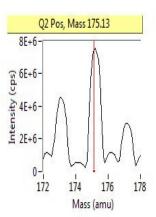
Resolution	Î
Quadrupole 1	-1.0
Quadrupole 2	-17.0

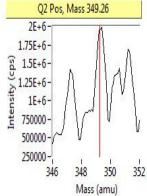
Date Performed: 03/30/2015 14:58:13 Last Performed: 03/30/2015 14:58:13

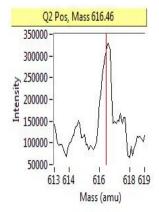
Detector	
Detector Deflector	-105.0
Discriminator	12.0
Detector Voltage	2400.0
Detector Horn	5500.0

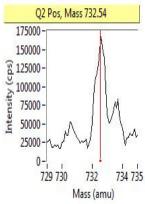
Number of Scans (Sum): 10

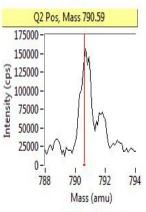












Current Results

03/30/2015 14:58:13

			00/0	0,2020 2 1100120					
Reference Mass (amu)	Mass Found (amu)	Mass Shift (amu)	Peak Width	Peak Height (cps)	Calibration DAC	Calibration Slope (DAC/amu)	Resolution DAC	Resolution Slope (DAC/amu)	Status
59.05	58.97	-0.08	0.71	2835880.00	17384.00	292.49	30568.00	-11.44	Found
175.13	175.21	0.08	0.66	758780.00	51336.00	292.49	29240.49	-11.44	Found
349.26	349.27	0.01	0.67	198800.00	102354.00	292,99	26996.04	-12.89	Found
616.46	616.41	-0.05	0.78	32860.00	180748.00	293.39	23580.00	-12.78	Found
732.54	732.50	-0.04	0.73	16680.00	214768.95	293.08	22220.32	-11.71	Found
790.59	790.62	0.03	0.75	15580.00	231762.42	292.74	21450.00	-13.27	Found