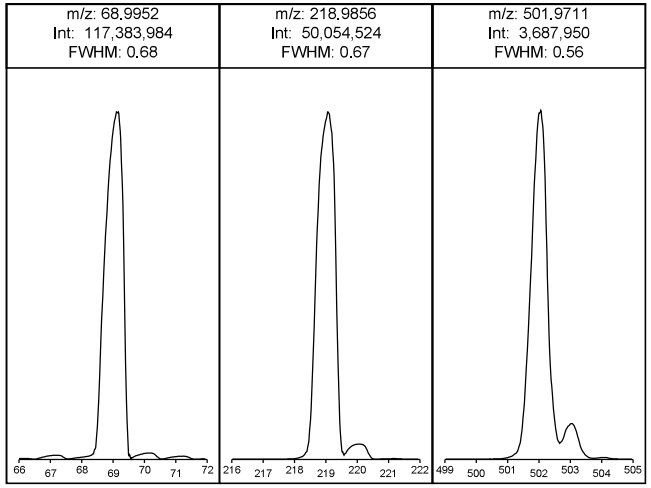
MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 11:58:36 AM
Tune End Time: 6/27/2024 12:13:29 PM
Report Date: 6/27/2024 12:13:29 PM
File Name: AutoTune_EI_2024-06-27-12-13-29
Tune Type: EI Tune

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001



Source Type	EI
Polarity	Positive
Electron Energy	70 eV
Electron Lens Voltage	5 V
Emission Current	50 µA
Ion Guide Frequency	1675.5 kHz
Q1 Frequency	1081.2 kHz
Multiplier Voltage	2360.2 V
Detector Gain	2.3 x 10^6
MS Transfer Line	150 °C
Filament Selection	2
Ion Source Temperature	250 °C
Ion Gauge Pressure	9.4E-006 Torr

Mass	Theory	Abundance	Relative Abundance	Isotope Mass	Theo. Isotope Mass	Isotope Abundance	Isotope Ratio
69.00	69.00	77,319,216	100.00	70.07	70.00	1,369,664	1.77
218.98	218.99	33,330,498	43.11	220.01	219.99	1,379,745	4.14
501.97	501.97	2,256,532	2.92	503.04	502.97	198,042	8.78

Air/Water Check				Leak Check: 5.69% of reference Pass.
	H2O	(%18/69)	425.12	
	N2	(%28/69)	236.74	
	O2	(%32/69)	58.29	
	CO2	(%44/69)	20.54	
	N2 / H2O	(%28/18)	0.56	

Signature: _____ Date: _____

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 11:58:36 AM
Tune End Time: 6/27/2024 12:13:29 PM
Report Date: 6/27/2024 12:13:29 PM
File Name: AutoTune_EI_2024-06-27-12-13-29
Tune Type: EI Tune

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Diagnostic Check	Enabled	Ran	Passed	Error (See audit trail for complete message)
Detector	No	-	-	-
Embedded System	No	-	-	-
Filament	No	-	-	-
Leak	Yes	Yes	Yes	-
Lens	No	-	-	-
Power Supply	No	-	-	-
Q0 Frequency	No	-	-	-
Q1 Frequency	No	-	-	-
Q1 RF/DC	No	-	-	-
Temperature	No	-	-	-
Vacuum System	No	-	-	-

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 11:58:36 AM
Tune End Time: 6/27/2024 12:13:29 PM
Report Date: 6/27/2024 12:13:29 PM
File Name: AutoTune_EI_2024-06-27-12-13-29
Tune Type: EI Tune

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Device Settings

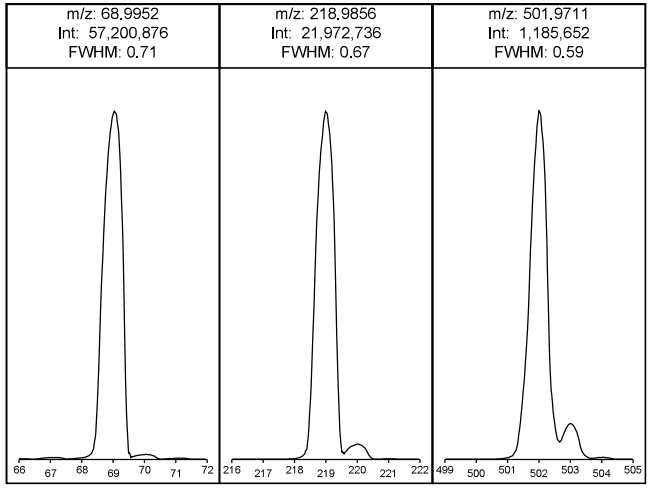
Device	Mass	Value
Repeller Voltage	219	3
Lens 1 Voltage	69	-50
Lens 2 Voltage	131	-7
Lens 3 Voltage	219	-35
Ion Guide Voltage	40	-1.6
Ion Guide Voltage	69	-2
Ion Guide Voltage	219	-9.8
Ion Guide Voltage	502	-14.25
Ion Guide RF Amplitude	40	14.56
Ion Guide RF Amplitude	69	20.45
Ion Guide RF Amplitude	219	66.89
Ion Guide RF Amplitude	502	119.57
Q1 Entrance Lens	40	-1.6
Q1 Entrance Lens	69	-2
Q1 Entrance Lens	219	-9.8
Q1 Entrance Lens	502	-14.25
Q1 Voltage	69	-1.9
Q1 Voltage	219	-2.6
Q1 Voltage	502	-3.5
Q1 RF Amplitude	9	5.49
Q1 RF Amplitude	1100	736.81
Q1 Resolution	69	0
Q1 Resolution	219	0
Q1 Resolution	502	-0.01

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 1:20:36 PM
Tune End Time: 6/27/2024 1:24:50 PM
Report Date: 6/27/2024 1:24:50 PM
File Name: AutoTune_EI_2024-06-27-13-24-50
Tune Type: EI Check (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001



Source Type	EI
Polarity	Positive
Electron Energy	70 eV
Electron Lens Voltage	5 V
Emission Current	50 µA
Ion Guide Frequency	1675.5 kHz
Q1 Frequency	1081.2 kHz
Multiplier Voltage	2098.8 V
Detector Gain	3.7 x 10^5
MS Transfer Line	150 °C
Filament Selection	2
Ion Source Temperature	250 °C
Ion Gauge Pressure	8.7E-006 Torr

Mass	Theory	Abundance	Relative Abundance	Isotope Mass	Theo. Isotope Mass	Isotope Abundance	Isotope Ratio
68.97	69.00	39,579,840	100.00	70.03	70.00	519,972	1.31
218.95	218.99	14,578,648	36.83	219.98	219.99	608,267	4.17
501.95	501.97	764,626	1.93	503.02	502.97	64,272	8.41

Air/Water Check				Leak Check: 5.05% of reference Pass.
	H2O	(%18/69)	134.55	
	N2	(%28/69)	159.95	
	O2	(%32/69)	41.61	
	CO2	(%44/69)	7.11	
	N2 / H2O	(%28/18)	1.19	

Signature: _____ Date: _____

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 1:20:36 PM
Tune End Time: 6/27/2024 1:24:50 PM
Report Date: 6/27/2024 1:24:50 PM
File Name: AutoTune_EI_2024-06-27-13-24-50
Tune Type: EI Check (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Diagnostic Check	Enabled	Ran	Passed	Error (See audit trail for complete message)
Detector	No	-	-	-
Embedded System	No	-	-	-
Filament	No	-	-	-
Leak	Yes	Yes	Yes	-
Lens	No	-	-	-
Power Supply	No	-	-	-
Q0 Frequency	No	-	-	-
Q1 Frequency	No	-	-	-
Q1 RF/DC	No	-	-	-
Temperature	No	-	-	-
Vacuum System	No	-	-	-

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 1:20:36 PM
Tune End Time: 6/27/2024 1:24:50 PM
Report Date: 6/27/2024 1:24:50 PM
File Name: AutoTune_EI_2024-06-27-13-24-50
Tune Type: EI Check (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Device Settings

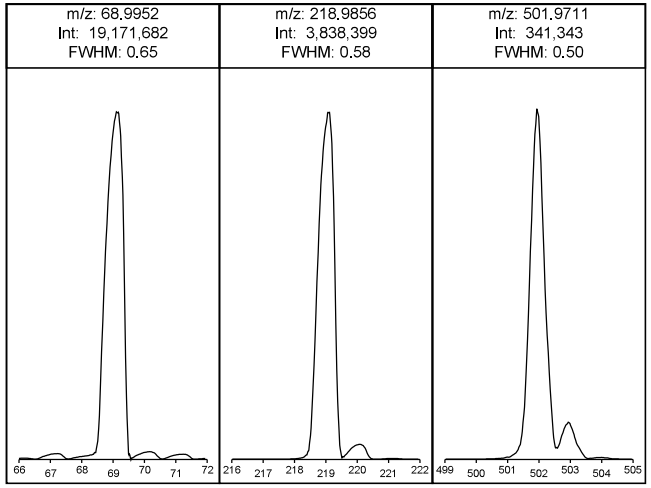
Device	Mass	Value
Repeller Voltage	219	3.75
Lens 1 Voltage	69	-50
Lens 2 Voltage	131	-6.25
Lens 3 Voltage	219	-35
Ion Guide Voltage	40	-2.8
Ion Guide Voltage	69	-3.2
Ion Guide Voltage	219	-9.6
Ion Guide Voltage	502	-12.75
Ion Guide RF Amplitude	40	14.21
Ion Guide RF Amplitude	69	19.41
Ion Guide RF Amplitude	219	59.61
Ion Guide RF Amplitude	502	109.52
Q1 Entrance Lens	40	-2.8
Q1 Entrance Lens	69	-3.2
Q1 Entrance Lens	219	-9.6
Q1 Entrance Lens	502	-12.75
Q1 Voltage	69	-3
Q1 Voltage	219	-3
Q1 Voltage	502	-3
Q1 RF Amplitude	9	5.5
Q1 RF Amplitude	1100	736.96
Q1 Resolution	69	0
Q1 Resolution	219	0
Q1 Resolution	502	-0.01

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 11:54:12 AM
Tune End Time: 6/27/2024 11:58:26 AM
Report Date: 6/27/2024 11:58:27 AM
File Name: AutoTune_EI_2024-06-27-11-58-26
Tune Type: EI Check

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001



Source Type	EI
Polarity	Positive
Electron Energy	70 eV
Electron Lens Voltage	5 V
Emission Current	50 µA
Ion Guide Frequency	1675.5 kHz
Q1 Frequency	1081.2 kHz
Multiplier Voltage	1928.7 V
Detector Gain	3.0 x 10^5
MS Transfer Line	150 °C
Filament Selection	2
Ion Source Temperature	250 °C
Ion Gauge Pressure	1.0E-005 Torr

Mass	Theory	Abundance	Relative Abundance	Isotope Mass	Theo. Isotope Mass	Isotope Abundance	Isotope Ratio
69.02	69.00	12,213,420	100.00	70.08	70.00	261,156	2.14
218.98	218.99	2,239,639	18.34	219.99	219.99	95,117	4.25
501.92	501.97	187,187	1.53	502.94	502.97	18,644	9.96

Air/Water Check				Leak Check: 7.02% of reference Pass.
	H2O	(%18/69)	701.54	
	N2	(%28/69)	259.14	
	O2	(%32/69)	69.69	
	CO2	(%44/69)	32.94	
	N2 / H2O	(%28/18)	0.37	

Signature: _____ Date: _____

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 11:54:12 AM
Tune End Time: 6/27/2024 11:58:26 AM
Report Date: 6/27/2024 11:58:27 AM
File Name: AutoTune_EI_2024-06-27-11-58-26
Tune Type: EI Check

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Diagnostic Check	Enabled	Ran	Passed	Error (See audit trail for complete message)
Detector	No	-	-	-
Embedded System	No	-	-	-
Filament	No	-	-	-
Leak	Yes	Yes	Yes	-
Lens	No	-	-	-
Power Supply	No	-	-	-
Q0 Frequency	No	-	-	-
Q1 Frequency	No	-	-	-
Q1 RF/DC	No	-	-	-
Temperature	No	-	-	-
Vacuum System	No	-	-	-

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 11:54:12 AM
Tune End Time: 6/27/2024 11:58:26 AM
Report Date: 6/27/2024 11:58:27 AM
File Name: AutoTune_EI_2024-06-27-11-58-26
Tune Type: EI Check

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Device Settings

Device	Mass	Value
Repeller Voltage	219	4
Lens 1 Voltage	69	-50
Lens 2 Voltage	131	-5.25
Lens 3 Voltage	219	-35
Ion Guide Voltage	40	-1.8
Ion Guide Voltage	69	-2.6
Ion Guide Voltage	219	-7.6
Ion Guide Voltage	502	-10.75
Ion Guide RF Amplitude	40	13.86
Ion Guide RF Amplitude	69	20.45
Ion Guide RF Amplitude	219	66.2
Ion Guide RF Amplitude	502	119.57
Q1 Entrance Lens	40	-1.8
Q1 Entrance Lens	69	-2.6
Q1 Entrance Lens	219	-7.6
Q1 Entrance Lens	502	-10.75
Q1 Voltage	69	-1.9
Q1 Voltage	219	-2
Q1 Voltage	502	-4.4
Q1 RF Amplitude	9	5.48
Q1 RF Amplitude	1100	736.93
Q1 Resolution	69	0
Q1 Resolution	219	0
Q1 Resolution	502	0

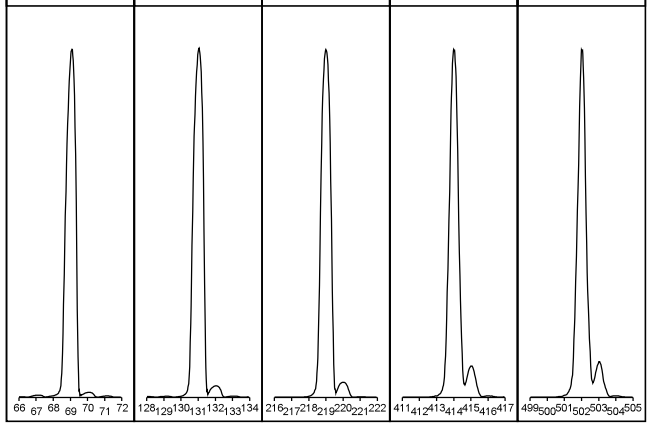
MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 12:46:07 PM
Tune End Time: 6/27/2024 1:04:43 PM
Report Date: 6/27/2024 1:04:43 PM
File Name: AutoTune_EI_2024-06-27-13-04-43
Tune Type: EI Full Tune (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

m/z: 68.9952	m/z: 130.992	m/z: 218.9856	m/z: 413.9775	m/z: 501.9711
Int: 43,871,500	Int: 20,365,452	Int: 20,035,878	Int: 1,063,418	Int: 1,031,008
FWHM: 0.66	FWHM: 0.67	FWHM: 0.65	FWHM: 0.58	FWHM: 0.54



Source Type	EI
Polarity	Positive
Electron Energy	70 eV
Electron Lens Voltage	5 V
Emission Current	50 µA
Ion Guide Frequency	1675.5 kHz
Q1 Frequency	1081.2 kHz
Multiplier Voltage	2055.7 V
Detector Gain	3.0 x 10^5
MS Transfer Line	150 °C
Filament Selection	2
Ion Source Temperature	250 °C
Ion Gauge Pressure	8.7E-006 Torr

Mass	Theory	Abundance	Relative Abundance	Isotope Mass	Theo. Isotope Mass	Isotope Abundance	Isotope Ratio
69.00	69.00	28,129,972	100.00	70.05	70.00	404,765	1.44
130.98	130.99	13,450,603	47.82	132.02	131.99	423,610	3.15
218.97	218.99	12,966,456	46.09	220.00	219.99	530,719	4.09
413.98	413.98	659,076	2.34	415.04	414.98	52,317	7.94
501.98	501.97	605,161	2.15	503.04	502.97	54,520	9.01

Air/Water Check			
	H2O	(%18/69)	174.62
	N2	(%28/69)	160.61
	O2	(%32/69)	41.16
	CO2	(%44/69)	8.30
	N2 / H2O	(%28/18)	0.92

Leak Check: 5.47% of reference Pass.

Signature: _____ Date: _____

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 12:46:07 PM
Tune End Time: 6/27/2024 1:04:43 PM
Report Date: 6/27/2024 1:04:43 PM
File Name: AutoTune_EI_2024-06-27-13-04-43
Tune Type: EI Full Tune (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Diagnostic Check	Enabled	Ran	Passed	Error (See audit trail for complete message)
Detector	No	-	-	-
Embedded System	No	-	-	-
Filament	No	-	-	-
Leak	Yes	Yes	Yes	-
Lens	No	-	-	-
Power Supply	No	-	-	-
Q0 Frequency	No	-	-	-
Q1 Frequency	No	-	-	-
Q1 RF/DC	No	-	-	-
Temperature	No	-	-	-
Vacuum System	No	-	-	-

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 12:46:07 PM
Tune End Time: 6/27/2024 1:04:43 PM
Report Date: 6/27/2024 1:04:43 PM
File Name: AutoTune_EI_2024-06-27-13-04-43
Tune Type: EI Full Tune (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Device Settings

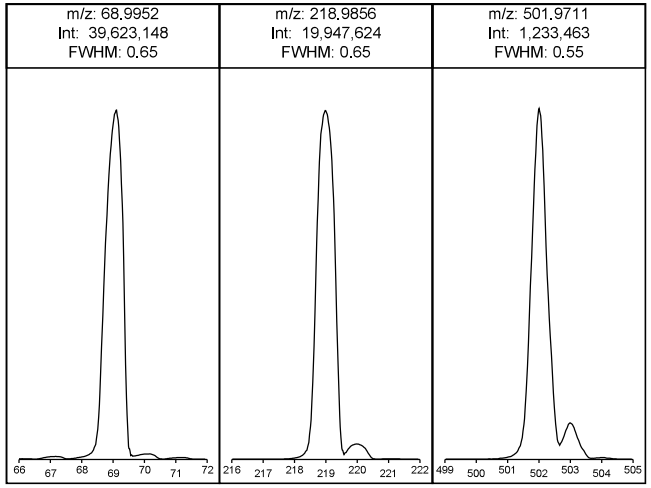
Device	Mass	Value
Repeller Voltage	219	3.5
Lens 1 Voltage	69	-50
Lens 2 Voltage	131	-7
Lens 3 Voltage	219	-35
Ion Guide Voltage	40	-2.6
Ion Guide Voltage	69	-3.2
Ion Guide Voltage	219	-9.6
Ion Guide Voltage	502	-12.75
Ion Guide RF Amplitude	40	12.82
Ion Guide RF Amplitude	69	19.76
Ion Guide RF Amplitude	219	59.27
Ion Guide RF Amplitude	502	109.52
Q1 Entrance Lens	40	-2.6
Q1 Entrance Lens	69	-3.2
Q1 Entrance Lens	219	-9.6
Q1 Entrance Lens	502	-12.75
Q1 Voltage	69	-3.1
Q1 Voltage	219	-3.8
Q1 Voltage	502	-4.2
Q1 RF Amplitude	9	5.49
Q1 RF Amplitude	1100	736.93
Q1 Resolution	69	0
Q1 Resolution	219	0
Q1 Resolution	502	-0.01

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 12:28:04 PM
Tune End Time: 6/27/2024 12:45:58 PM
Report Date: 6/27/2024 12:45:58 PM
File Name: Initial_EI_2024-06-27-12-45-58
Tune Type: EI Initial Tune (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001



Source Type	EI
Polarity	Positive
Electron Energy	70 eV
Electron Lens Voltage	5 V
Emission Current	50 µA
Ion Guide Frequency	1675.5 kHz
Q1 Frequency	1081.2 kHz
Multiplier Voltage	2026.9 V
Detector Gain	3.0 x 10^5
MS Transfer Line	150 °C
Filament Selection	2
Ion Source Temperature	250 °C
Ion Gauge Pressure	8.7E-006 Torr

Mass	Theory	Abundance	Relative Abundance	Isotope Mass	Theo. Isotope Mass	Isotope Abundance	Isotope Ratio
69.01	69.00	25,448,074	100.00	70.07	70.00	381,394	1.50
218.97	218.99	13,087,229	51.43	220.00	219.99	537,832	4.11
501.98	501.97	740,372	2.91	503.04	502.97	66,072	8.92

Air/Water Check			
	H2O	(%18/69)	205.17
	N2	(%28/69)	129.53
	O2	(%32/69)	30.33
	CO2	(%44/69)	7.77
	N2 / H2O	(%28/18)	0.63

Leak Check: 5.20% of reference Pass.

Signature: _____ Date: _____

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 12:28:04 PM
Tune End Time: 6/27/2024 12:45:58 PM
Report Date: 6/27/2024 12:45:58 PM
File Name: Initial_EI_2024-06-27-12-45-58
Tune Type: EI Initial Tune (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Diagnostic Check	Enabled	Ran	Passed	Error (See audit trail for complete message)
Detector	No	-	-	-
Embedded System	No	-	-	-
Filament	No	-	-	-
Leak	Yes	Yes	Yes	-
Lens	No	-	-	-
Power Supply	No	-	-	-
Q0 Frequency	No	-	-	-
Q1 Frequency	No	-	-	-
Q1 RF/DC	No	-	-	-
Temperature	No	-	-	-
Vacuum System	No	-	-	-

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 12:28:04 PM
Tune End Time: 6/27/2024 12:45:58 PM
Report Date: 6/27/2024 12:45:58 PM
File Name: Initial_EI_2024-06-27-12-45-58
Tune Type: EI Initial Tune (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Device Settings

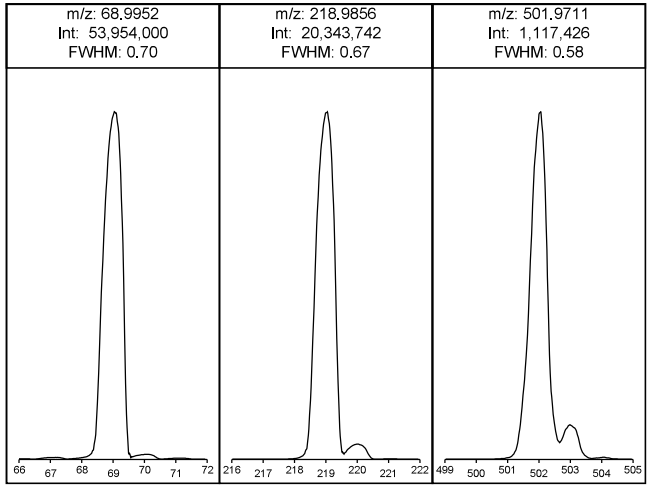
Device	Mass	Value
Repeller Voltage	219	0.5
Lens 1 Voltage	69	-50
Lens 2 Voltage	131	-7
Lens 3 Voltage	219	-33
Ion Guide Voltage	40	-2.2
Ion Guide Voltage	69	-2.8
Ion Guide Voltage	219	-8.6
Ion Guide Voltage	502	-12.5
Ion Guide RF Amplitude	40	12.48
Ion Guide RF Amplitude	69	18.72
Ion Guide RF Amplitude	219	59.27
Ion Guide RF Amplitude	502	109.52
Q1 Entrance Lens	40	-2.2
Q1 Entrance Lens	69	-2.8
Q1 Entrance Lens	219	-8.6
Q1 Entrance Lens	502	-12.5
Q1 Voltage	69	-4
Q1 Voltage	219	-4.35
Q1 Voltage	502	-5
Q1 RF Amplitude	9	5.49
Q1 RF Amplitude	1100	736.9
Q1 Resolution	69	0
Q1 Resolution	219	0
Q1 Resolution	502	-0.01

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 1:04:51 PM
Tune End Time: 6/27/2024 1:20:24 PM
Report Date: 6/27/2024 1:20:24 PM
File Name: AutoTune_EI_2024-06-27-13-20-24
Tune Type: EI Tune (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001



Source Type	EI
Polarity	Positive
Electron Energy	70 eV
Electron Lens Voltage	5 V
Emission Current	50 µA
Ion Guide Frequency	1675.5 kHz
Q1 Frequency	1081.2 kHz
Multiplier Voltage	2098.8 V
Detector Gain	3.7 x 10^5
MS Transfer Line	150 °C
Filament Selection	2
Ion Source Temperature	250 °C
Ion Gauge Pressure	8.7E-006 Torr

Mass	Theory	Abundance	Relative Abundance	Isotope Mass	Theo. Isotope Mass	Isotope Abundance	Isotope Ratio
68.97	69.00	37,015,596	100.00	70.03	70.00	498,327	1.35
218.95	218.99	13,491,161	36.45	219.98	219.99	564,261	4.18
501.95	501.97	709,494	1.92	503.02	502.97	58,949	8.31

Air/Water Check			
	H2O	(%18/69)	143.99
	N2	(%28/69)	165.48
	O2	(%32/69)	43.32
	CO2	(%44/69)	7.67
	N2 / H2O	(%28/18)	1.15

Leak Check: 5.22% of reference Pass.

Signature: _____ Date: _____

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 1:04:51 PM
Tune End Time: 6/27/2024 1:20:24 PM
Report Date: 6/27/2024 1:20:24 PM
File Name: AutoTune_EI_2024-06-27-13-20-24
Tune Type: EI Tune (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Diagnostic Check	Enabled	Ran	Passed	Error (See audit trail for complete message)
Detector	No	-	-	-
Embedded System	No	-	-	-
Filament	No	-	-	-
Leak	Yes	Yes	Yes	-
Lens	No	-	-	-
Power Supply	No	-	-	-
Q0 Frequency	No	-	-	-
Q1 Frequency	No	-	-	-
Q1 RF/DC	No	-	-	-
Temperature	No	-	-	-
Vacuum System	No	-	-	-

MS Tune Results Report

AUTOTUNE STATUS: PASS

Tune Start Time: 6/27/2024 1:04:51 PM
Tune End Time: 6/27/2024 1:20:24 PM
Report Date: 6/27/2024 1:20:24 PM
File Name: AutoTune_EI_2024-06-27-13-20-24
Tune Type: EI Tune (default)

Model: ISQ7610
Instrument Name: ISQ
Digital Board ID: 2212031
User Name: breno.pollo
Computer Name: ISQ76N2302001

Device Settings

Device	Mass	Value
Repeller Voltage	219	3.75
Lens 1 Voltage	69	-50
Lens 2 Voltage	131	-6.25
Lens 3 Voltage	219	-35
Ion Guide Voltage	40	-2.8
Ion Guide Voltage	69	-3.2
Ion Guide Voltage	219	-9.6
Ion Guide Voltage	502	-12.75
Ion Guide RF Amplitude	40	14.21
Ion Guide RF Amplitude	69	19.41
Ion Guide RF Amplitude	219	59.61
Ion Guide RF Amplitude	502	109.52
Q1 Entrance Lens	40	-2.8
Q1 Entrance Lens	69	-3.2
Q1 Entrance Lens	219	-9.6
Q1 Entrance Lens	502	-12.75
Q1 Voltage	69	-3
Q1 Voltage	219	-3
Q1 Voltage	502	-3
Q1 RF Amplitude	9	5.5
Q1 RF Amplitude	1100	736.96
Q1 Resolution	69	0
Q1 Resolution	219	0
Q1 Resolution	502	-0.01