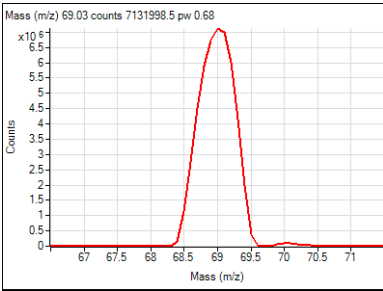


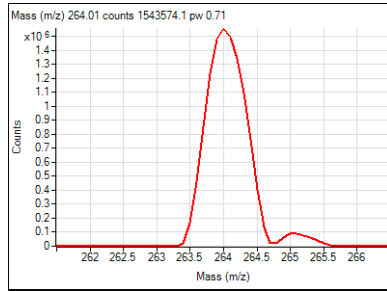
Triple Quadrupole GC/MS Autotune Report

Instrument Name	ISE / US1549V107	MS Model	7010
Tune Date & Time	3/31/2021 09:36:19	Source	EI High Efficiency Source
Tune File	D:\MassHunter\GCMS\1\7010\atunes.eihs.tune.xml		

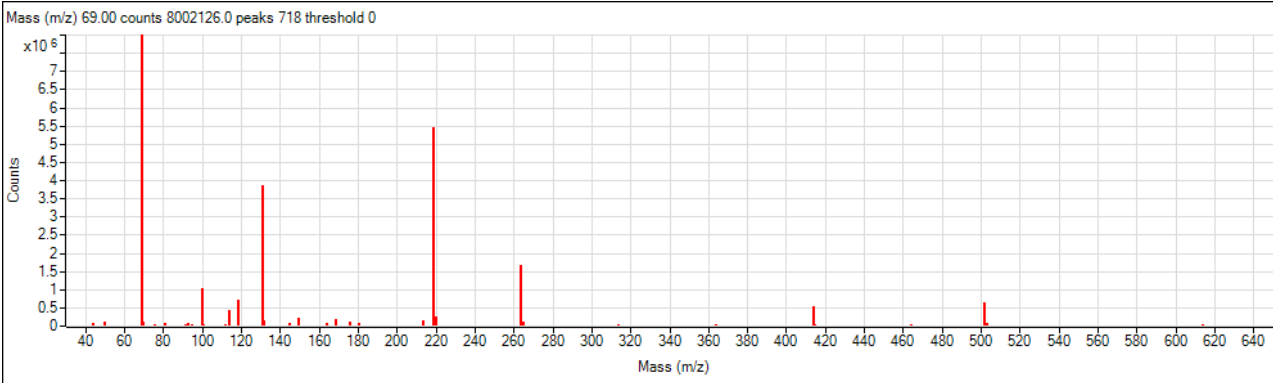
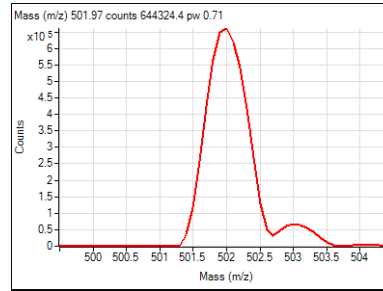
Analyzer: Q1



Ion Polarity: Positive

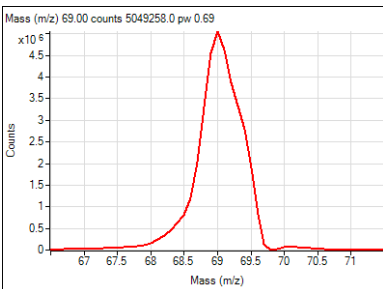


Width: Unit

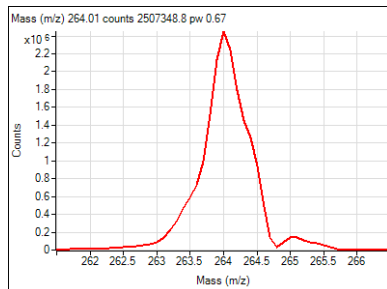


m/z	Abundance	Rel Abund	Isotope	Iso Abund	Iso Ratio
69.00	8002125.5	100.0%	70.00	92906.0	1.2%
219.00	5440533.0	68.0%	220.00	241945.3	4.4%
264.00	1681772.0	21.0%	265.10	92977.9	5.5%
414.00	537176.4	6.7%	415.00	47452.0	8.8%
502.00	654967.9	8.2%	503.00	64567.9	9.9%

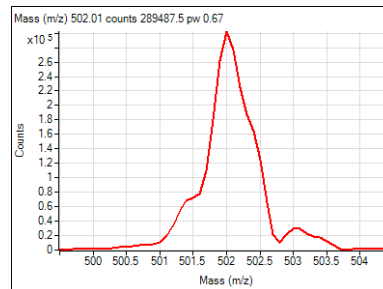
Analyzer: Q2



Ion Polarity: Positive



Width: Unit



Triple Quadrupole GC/MS Autotune Report

Instrument Name	ISE / US1549V107	MS Model	7010
Tune Date & Time	3/31/2021 09:36:19	Source	EI High Efficiency Source
Tune File	D:\MassHunter\GCMS\1\7010\atunes.eihs.tune.xml		

Instrument Actuals

Source Temp.	230 °C	Vacuum	Rough Vac	9.28E+1 mTorr
MS1 Quad Temp.	150 °C		High Vac	8.14E-7 Torr
MS2 Quad Temp.	150 °C		Turbo 1 Speed	100.0 %
Filament Current	99.9 µA		Turbo Power	17.114 W

Ion Source

Type/mode	EI+	Repeller	16.2 V
Source Temp.	230 °C	Ion Body	7.2 V
Emission	100.0 µA	Extractor	14.5 V
Energy	70 eV	Post Extractor 1 Offset	-13.6 V
Filament	1	Post Extractor 2	-18.5 V
		Ion Focus	-193.0 V
		Entrance Lens	Dynamic V

Quadrupoles

	Q1			Q2		
DC		6.4 V			-4.6 V	
Post/Pre Filter		6.4 V			-14.6 V	
Temperature		150 °C			150 °C	
Polarity	Negative			Negative		
Resolution	Unit	Wide	Widest	Unit	Wide	Widest
Mass Gain	-4.27	-4.34	-4.28	-10.73	-10.58	-9.32
Mass Offset	Dynamic	-1.691	-1.232	Dynamic	-1.627	-1.209
Width Gain	28.1	28.1	28.1	33.8	33.8	33.8
Width Offset	Dynamic	-0.215	-0.735	Dynamic	-0.247	-0.767

Collision Cell

Cell Entrance	7.4 V	Detector	Triple Axis Series 2
Hex DC	6.4 V	Detector Type	Dynamic V
Hex RF	400 V	Iris	-10.0 kV
Hex Accel	-5.0 V	HED	2221 V
Cell Exit	0.4 V	EMV (Gain=1.0E+004)	9.749645
Collision Energy	0 eV	Gain Parameter a	-65.9184
		Gain Parameter b	2
		Max Gain Factor	

Triple Quadrupole GC/MS Autotune Report

Instrument Name	ISE / US1549V107	MS Model	7010
Tune Date & Time	3/31/2021 09:36:19	Source	EI High Efficiency Source
Tune File	D:\MassHunter\GCMS\1\7010\atunes.eihs.tune.xml		

Dynamic Ramp Tables

MS1 Mass Axis Offset

m/z	69.00	219.00	264.00	414.00	502.00
Setting	-1.881	-1.820	-1.792	-1.843	-1.864

MS1 Width Offset

m/z	69.00	219.00	264.00	414.00	502.00
Setting	-0.013	-0.011	-0.010	-0.009	-0.016

MS2 Mass Axis Offset

m/z	69.00	219.00	264.00	414.00	502.00
Setting	-1.715	-1.654	-1.663	-1.688	-1.718

MS2 Width Offset

m/z	69.00	219.00	264.00	414.00	502.00
Setting	-0.052	-0.057	-0.054	-0.044	-0.055

Iris

m/z	69.00	219.00	264.00	414.00	502.00	1050.00
Setting	-60.000	-60.000	-60.000	-60.000	-60.000	-60.000

Entrance Lens

m/z	69.00	264.00	414.00	502.00
Setting	-20.800	-20.800	-22.000	-23.400

Scan Speed Correction Factor

	Q1	Q2
a0	-0.001980	-0.000672
a1	0.784246	0.358363
a2	-0.060289	-0.038154
b0	-0.005301	-0.003734
b1	5.674848	1.064765
b2	-1.161341	0.132674

Diagnostic Information

Air/Water Check: H2O 9.05% (<=20.00%), O2 5.97% (<=2.50%), N2 22.24% (<=10.00%)
 Detector Dark Current Check: Baseline 431, Threshold 456, HED On Pulse Count 0, HED Off Pulse Count 0