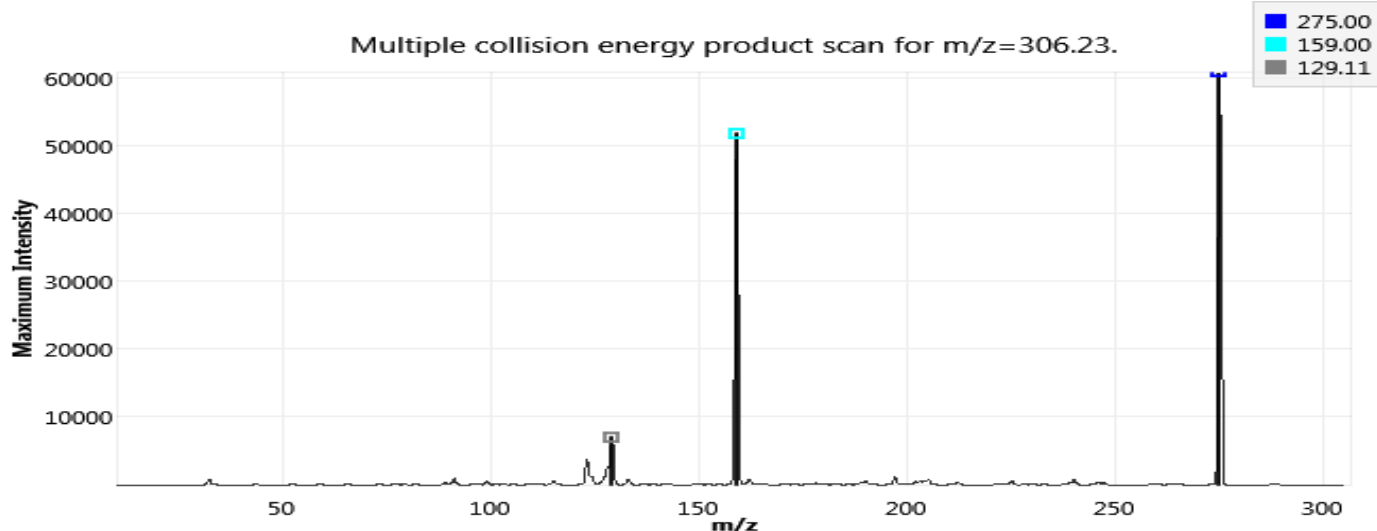


Compound Optimization Report

Date & Time Monday, November 25, 2019 10:32 AM
Instrument Model TSQ Quantiva
Instrument Serial TQH-Q1-0381
Software Version 2.0.1292.15

Source Parameters		Compound Optimization Input	
Source Type	H-ESI	Source Fragmentation (V)	0
Spray Voltage (V)	3500	Step Collision Energy Value	10
Sheath Gas (Arb)	42	Collision Energy Start (V)	5
Aux Gas (Arb)	12	Collision Energy End (V)	55
Sweep Gas (Arb)	1	Charge State	1
Ion Transfer Tube Temp (°C)	338	Step Collision Energy	Yes
Vaporizer Temp (°C)	338	Unknown/Known Products	Unknown
		Exclude Loss Masses	None
		Compound Name	SER
		Low Mass Exclusion	10
		Product	True
		CID Gas (mTorr)	1.5
		Adjust Precursor Mass	Yes
		m/z Value	306.2
		Q1 Resolution	0.7
		Adjust Product Mass	Yes
		Number of Products	3
		Top N	3
		Optimize RF Lens	Yes

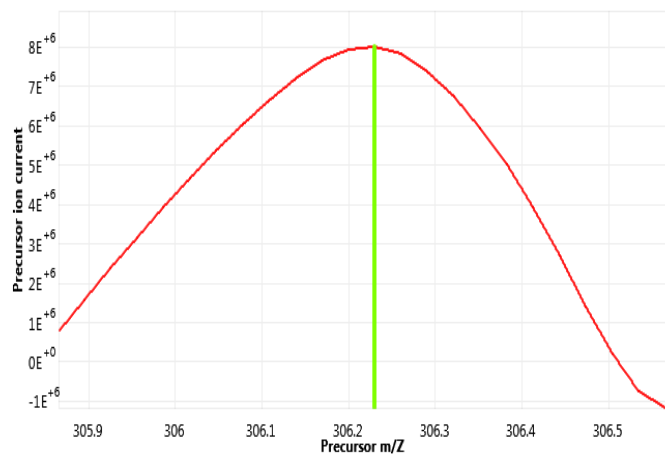
Compound Optimization Results						
Compound Name	Precursor m/z	Product m/z	Collision Energy (V)	RF Lens (V)	Intensity	Source Fragmentation (V)
SER	306.23	275	10.253	48.539	938135.089	0
SER	306.23	159	27.292	48.539	1334724.885	0
SER	306.23	129.111	22.893	48.539	216870.889	0



Compound Optimization Report

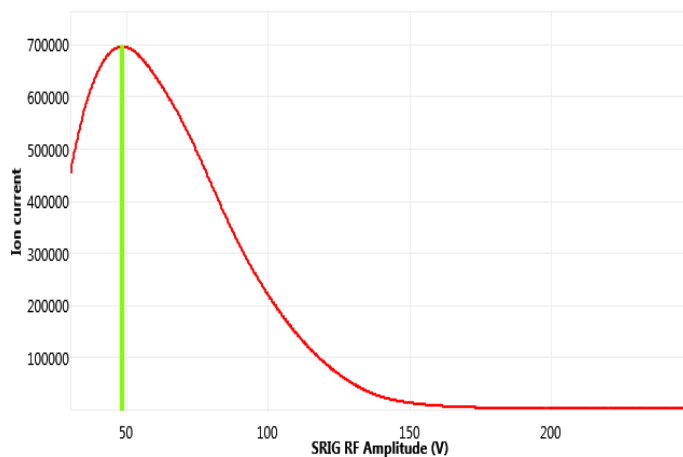
Precursor Mass Isolation for 306.20

306.23



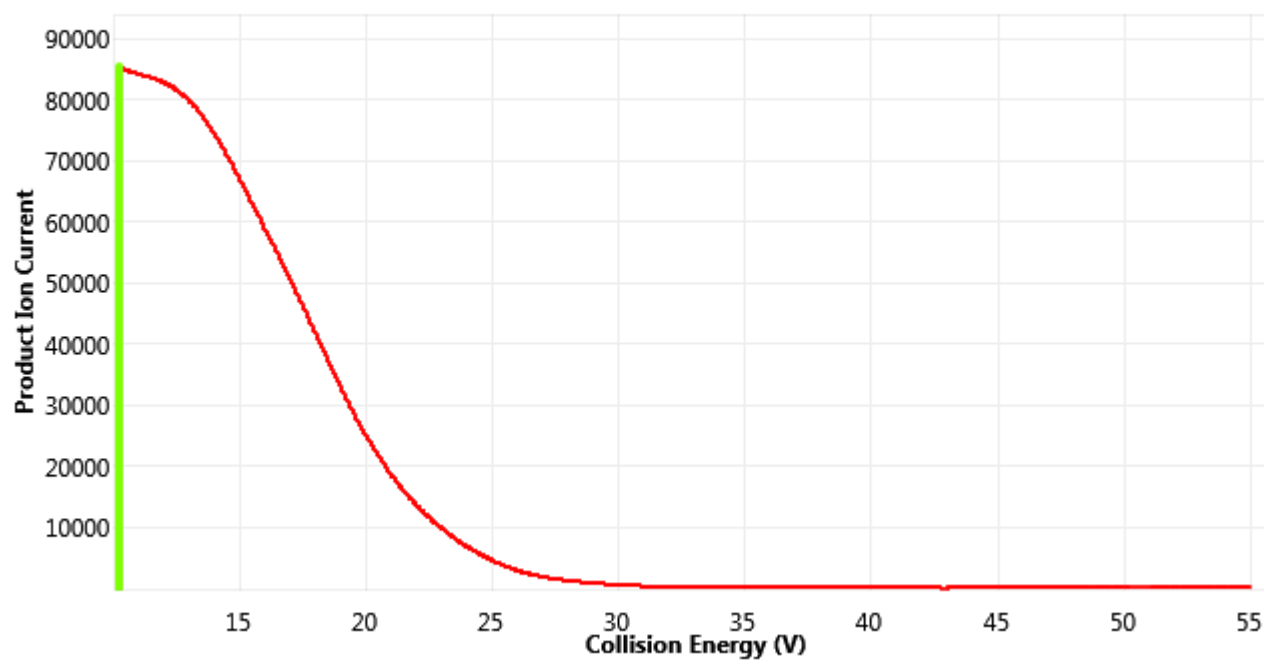
SRIG tuning for 306.20

48.54



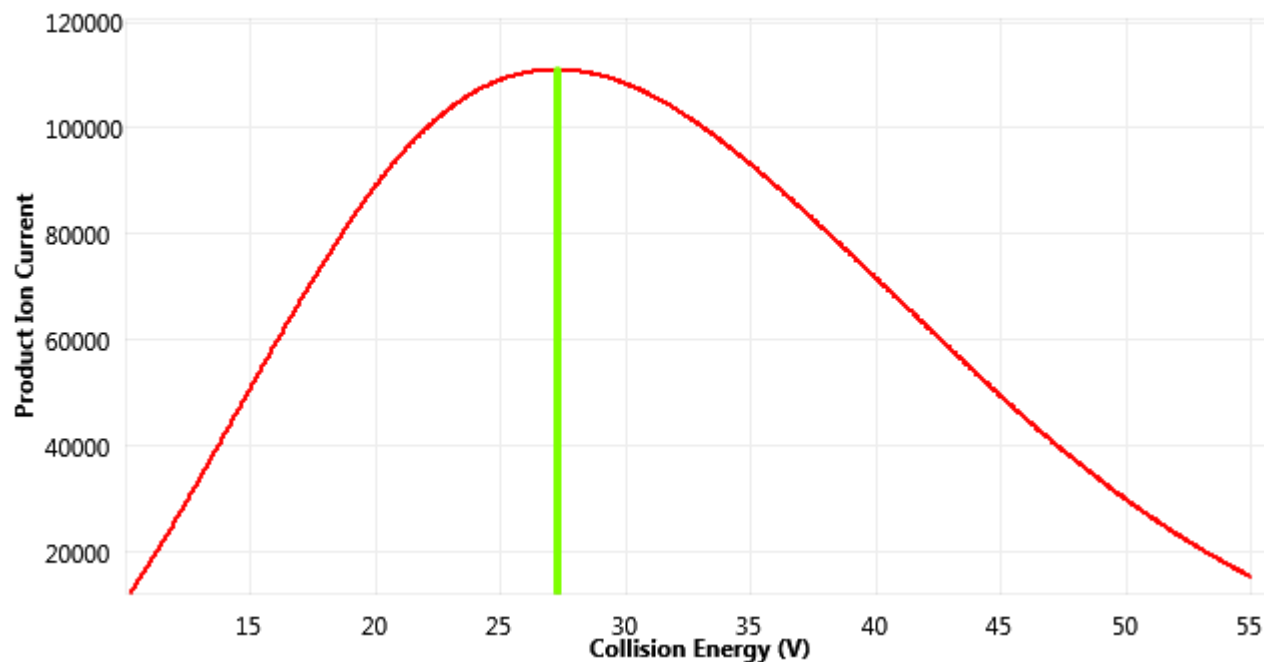
Breakdown Curve for 306.23 to 275.00 transition

10.25



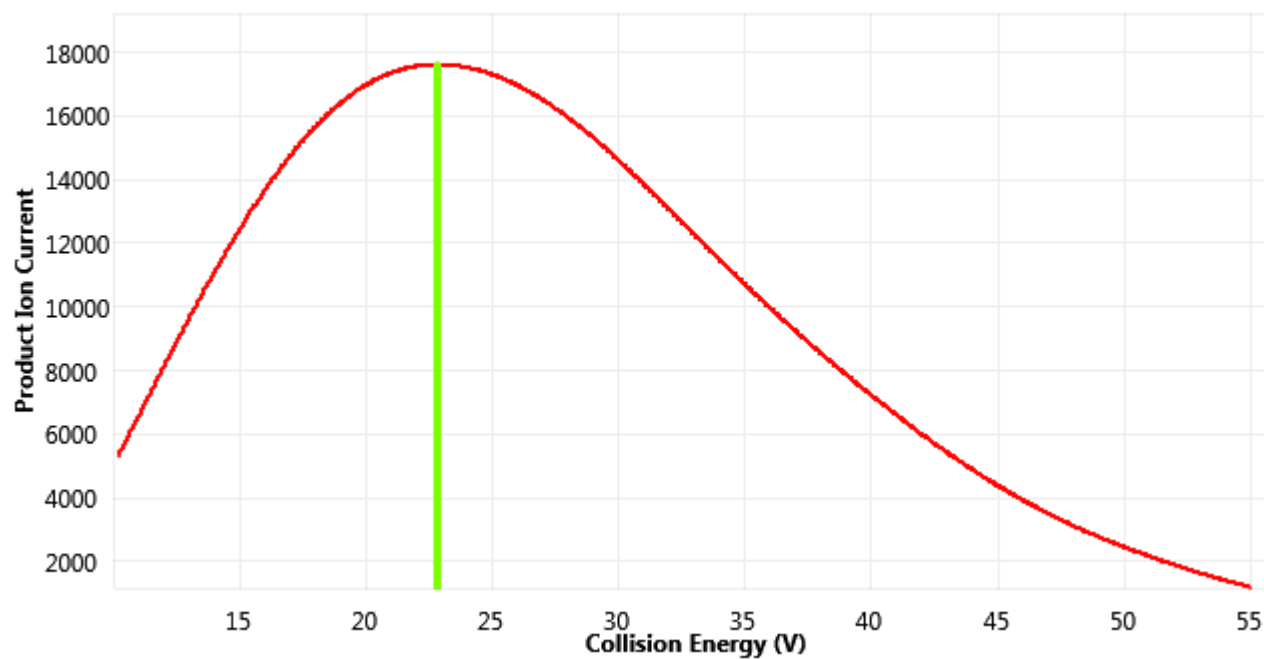
27.29

Breakdown Curve for 306.23 to 159.00 transition



22.89

Breakdown Curve for 306.23 to 129.11 transition



Compound Optimization Report

