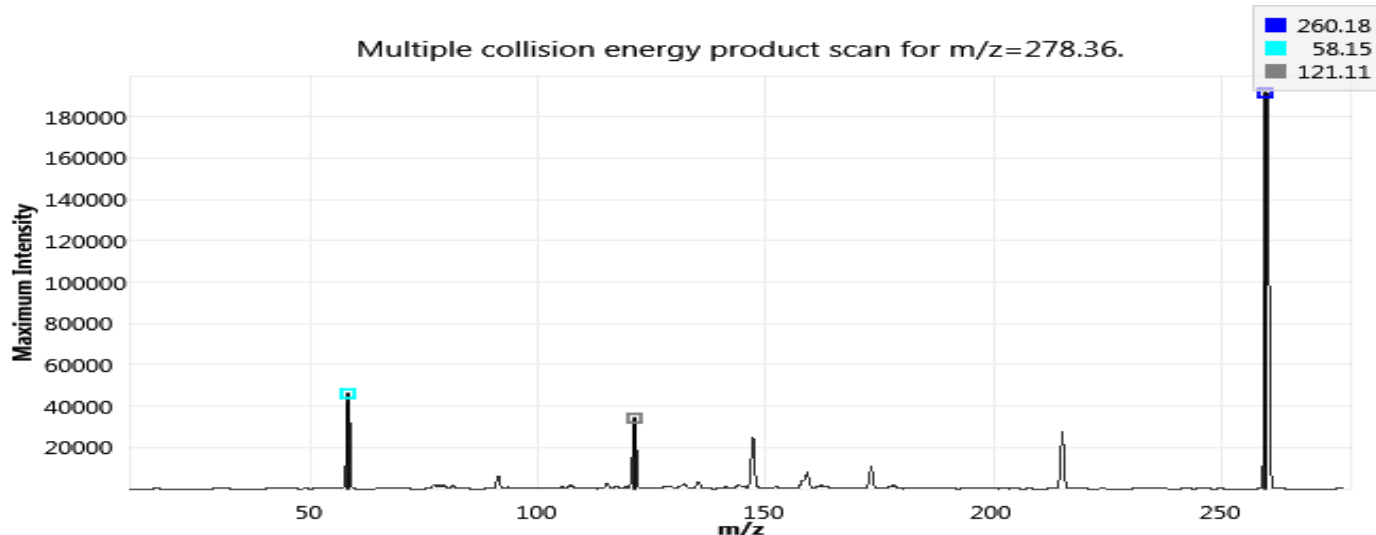


Compound Optimization Report

Date & Time Monday, November 25, 2019 10:18 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	VEN
		Low Mass Exclusion	10
		Product	True
		CID Gas (mTorr)	1.5
		Adjust Precursor Mass	Yes
		m/z Value	278.3
		Q1 Resolution	0.7
		Adjust Product Mass	Yes
		Number of Products	3
		Top N	3
		Optimize RF Lens	Yes

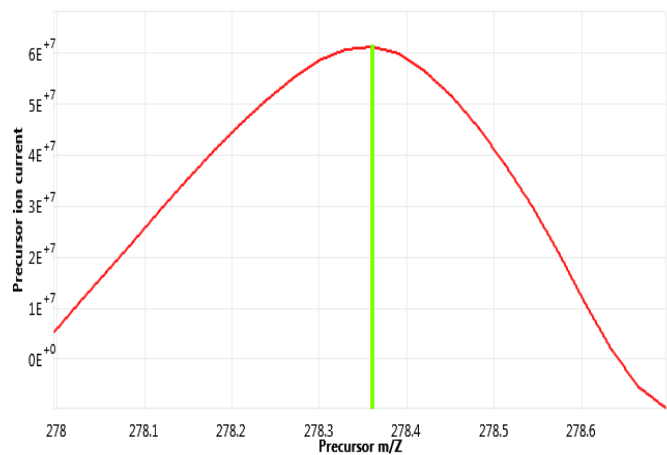
Compound Optimization Results						
Compound Name	Precursor m/z	Product m/z	Collision Energy (V)	RF Lens (V)	Intensity	Source Fragmentation (V)
VEN	278.361	260.183	10.253	59.663	2675022.433	0
VEN	278.361	58.151	18.242	59.663	3149372.777	0
VEN	278.361	121.111	27.09	59.663	1073559.32	0



Compound Optimization Report

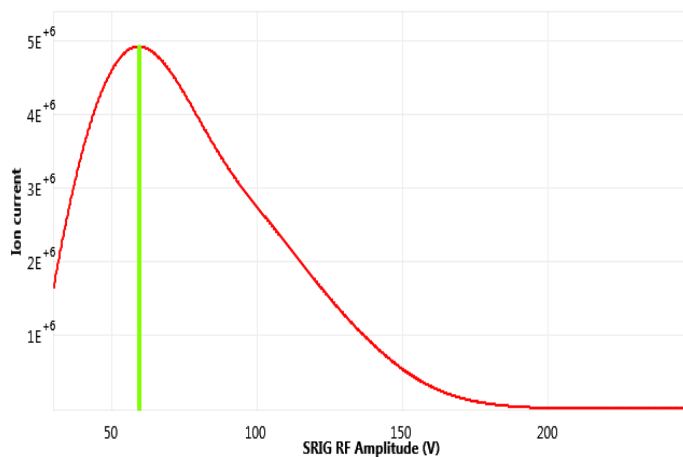
Precursor Mass Isolation for 278.30

278.36



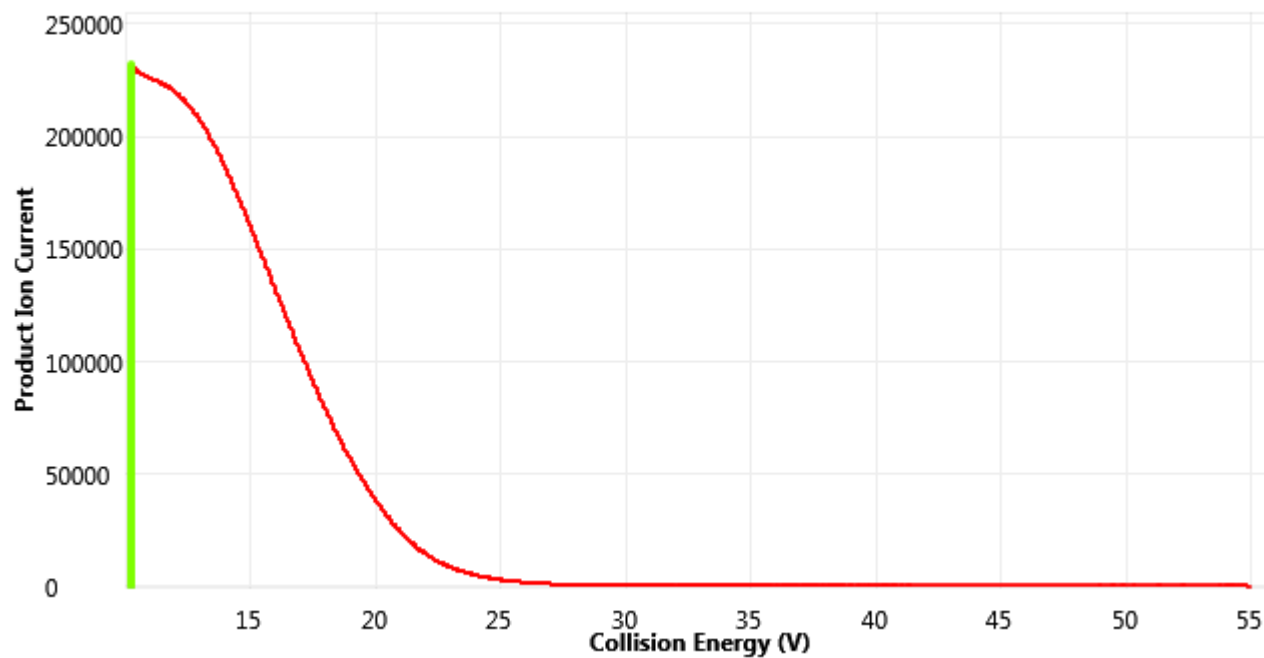
SRIG tuning for 278.30

59.66



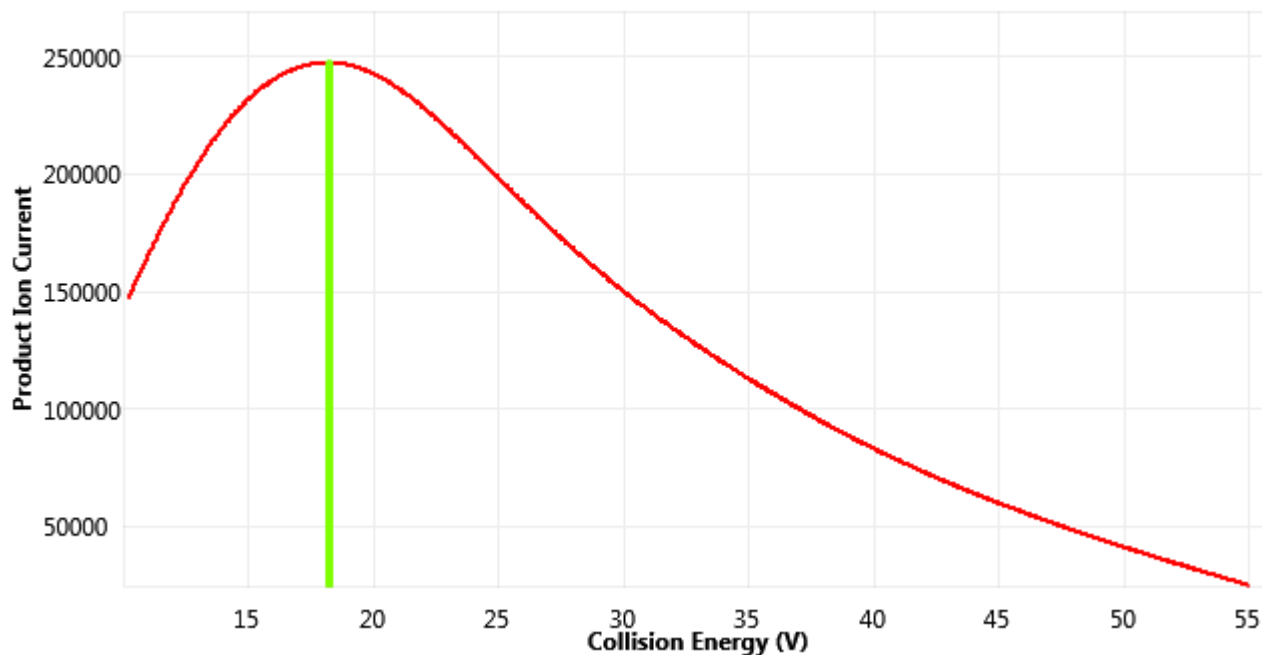
Breakdown Curve for 278.36 to 260.11 transition

10.25



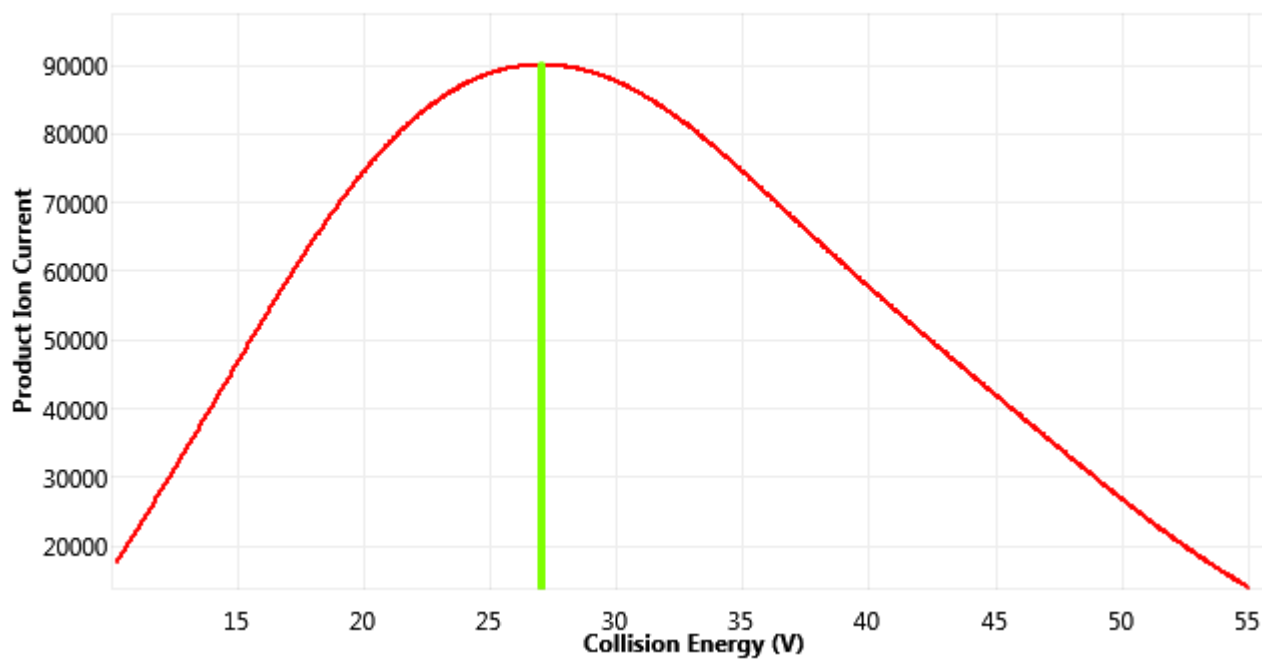
18.24

Breakdown Curve for 278.36 to 58.22 transition



27.09

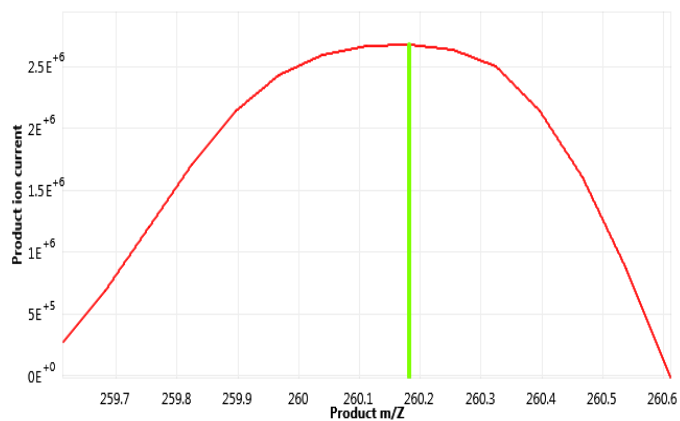
Breakdown Curve for 278.36 to 121.11 transition



Compound Optimization Report

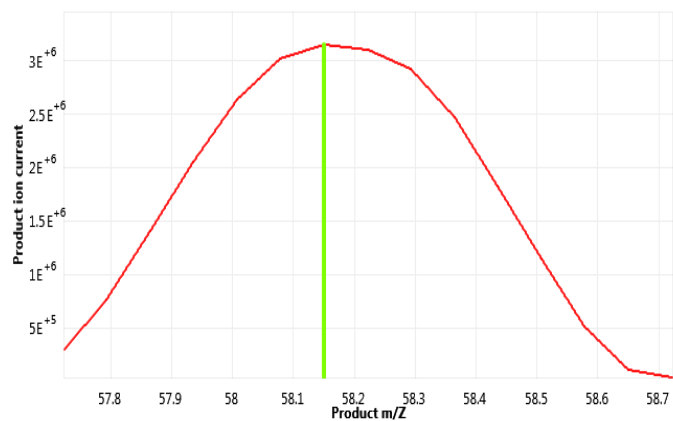
Q3 isolation optimization for 278.36 to 260.11 transition

260.18



Q3 isolation optimization for 278.36 to 58.22 transition

58.15



Q3 isolation optimization for 278.36 to 121.11 transition

121.11

