Results from Compound Optimization

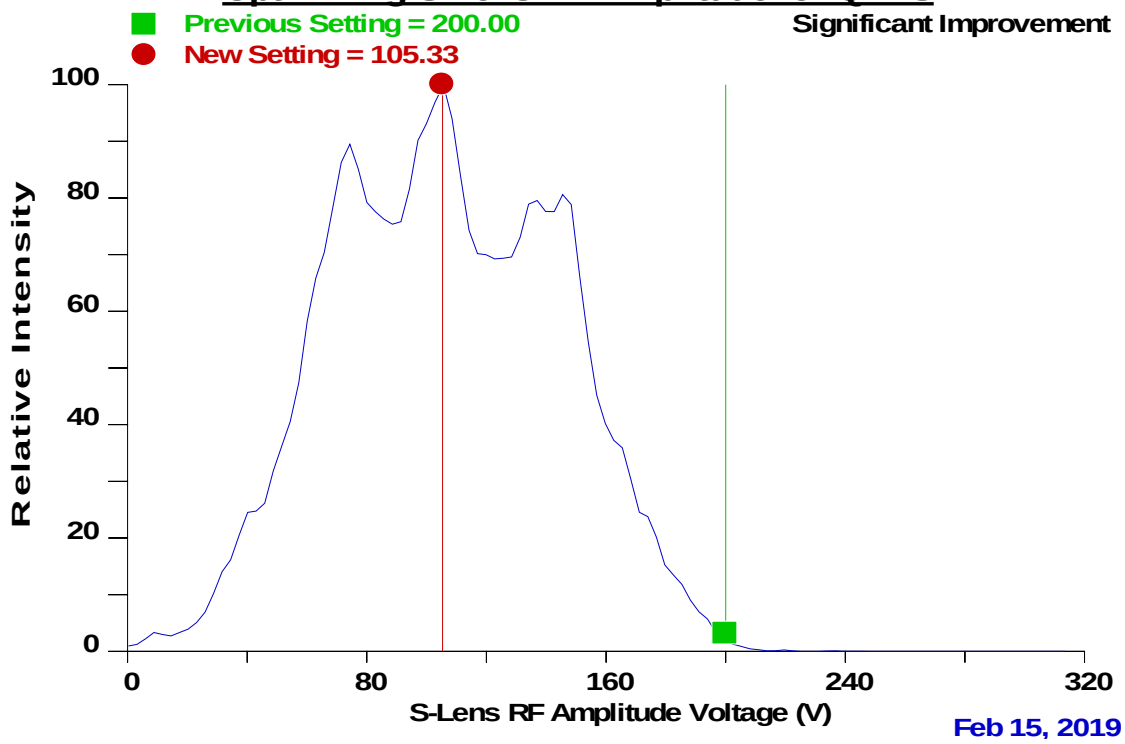
Compound Optimization in MS and MS/MS

```
13:49:45:  Optimizing S-Lens RF Amplitude for ion 336.18 m/z
13:49:50:    Previous Setting = 200.00, New Setting = 105.33
13:49:50:    Maximum Intensity = 1.41e+06
13:49:50:    Significant Improvement
13:49:51:  Old Parent Mass: 336.176, New Parent Mass: 336.332
13:49:51:  Optimizing collision energy at 1.5 mTorr
13:49:51:  Waiting for the collision gas to stabilize
13:50:12:  Finding the product ions of ion 336.3 m/z
13:50:49:  Constructing the breakdown curve of ion 336.3 m/z
13:50:50:    Product Ion: 247.12 Maximum Intensity: 7.78e+05
13:50:52:    Product Ion: 158.16 Maximum Intensity: 1.48e+05
13:50:54:    Product Ion: 102.10 Maximum Intensity: 8.30e+04
13:50:56:    Product Ion: 179.06 Maximum Intensity: 2.16e+05
13:50:58:    Product Ion: 191.07 Maximum Intensity: 1.22e+05
13:50:59:    Product Ion: 69.19 Maximum Intensity: 8.71e+03
13:51:01:    Product Ion: 58.09 Maximum Intensity: 1.92e+04
13:51:03:    Product Ion: 72.06 Maximum Intensity: 9.03e+03
13:51:03:  Collision Energy Optimization Results:
13:51:03:  Product Ions (m/z)    Coll. Energy (v)
13:51:03:         247.12                      20
13:51:03:         158.16                      20
13:51:03:         102.10                      27
13:51:03:         179.06                      37
13:51:03:         191.07                      31
13:51:03:         69.19                      31
13:51:03:         58.09                      42
13:51:03:         72.06                      51
13:51:05:  Finish compound optimization
```

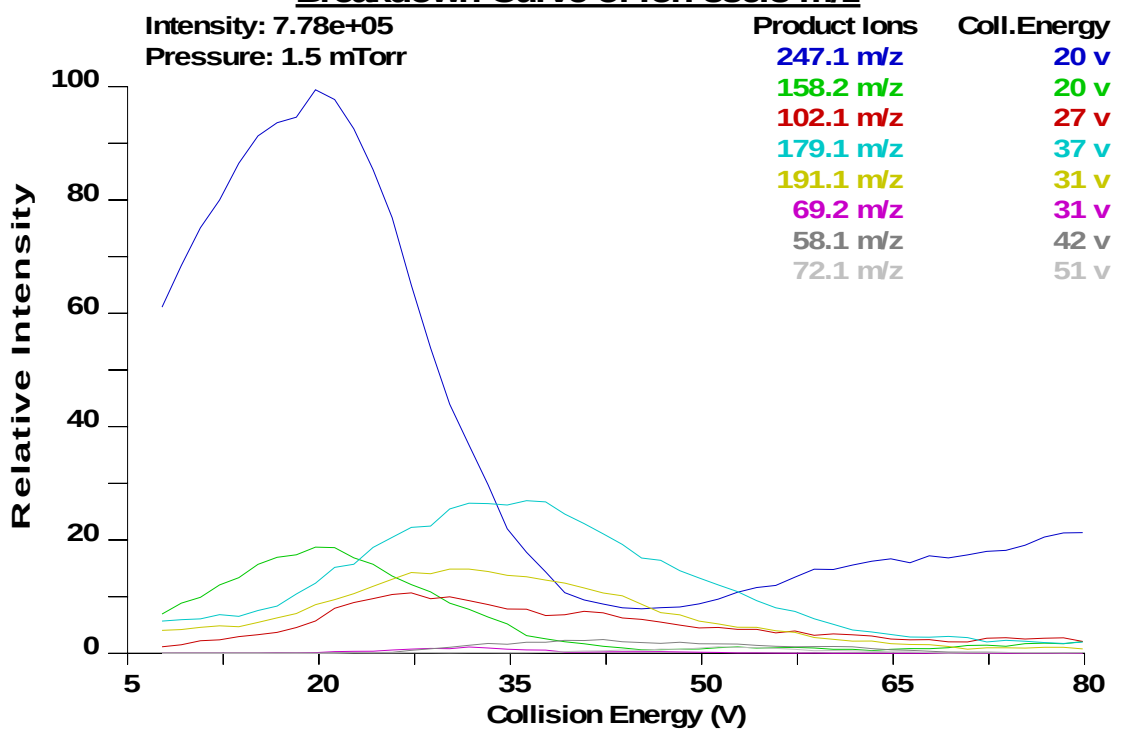
Comments:

Signature: _____

Optimizing S-Lens RF Amplitude for Q1MS



Breakdown Curve of Ion 336.3 m/z



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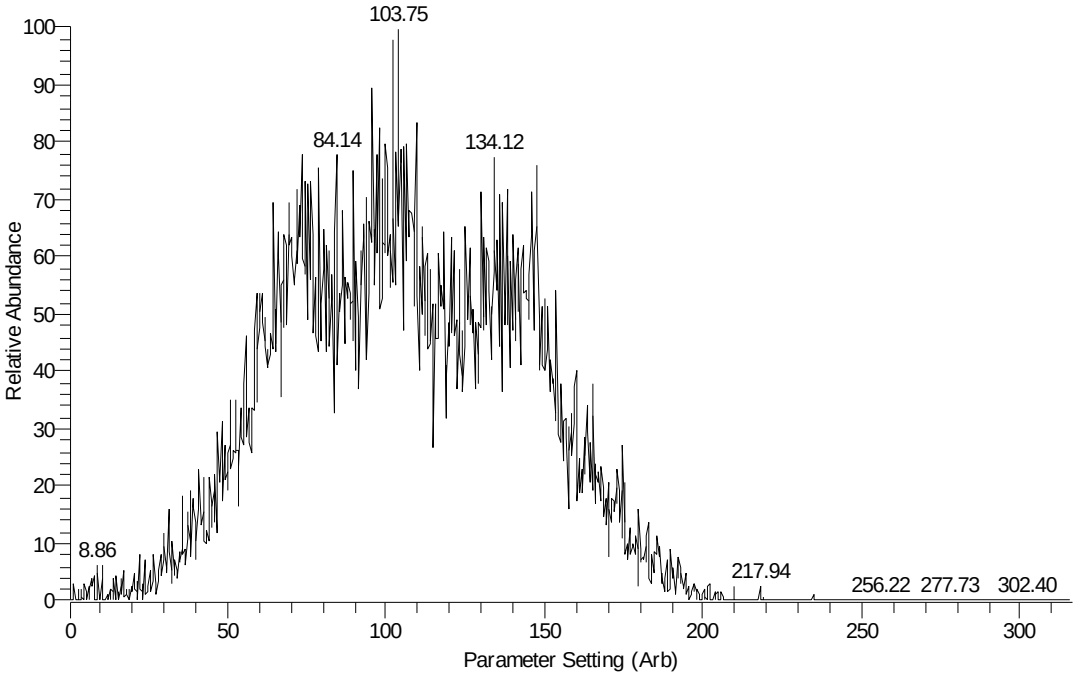
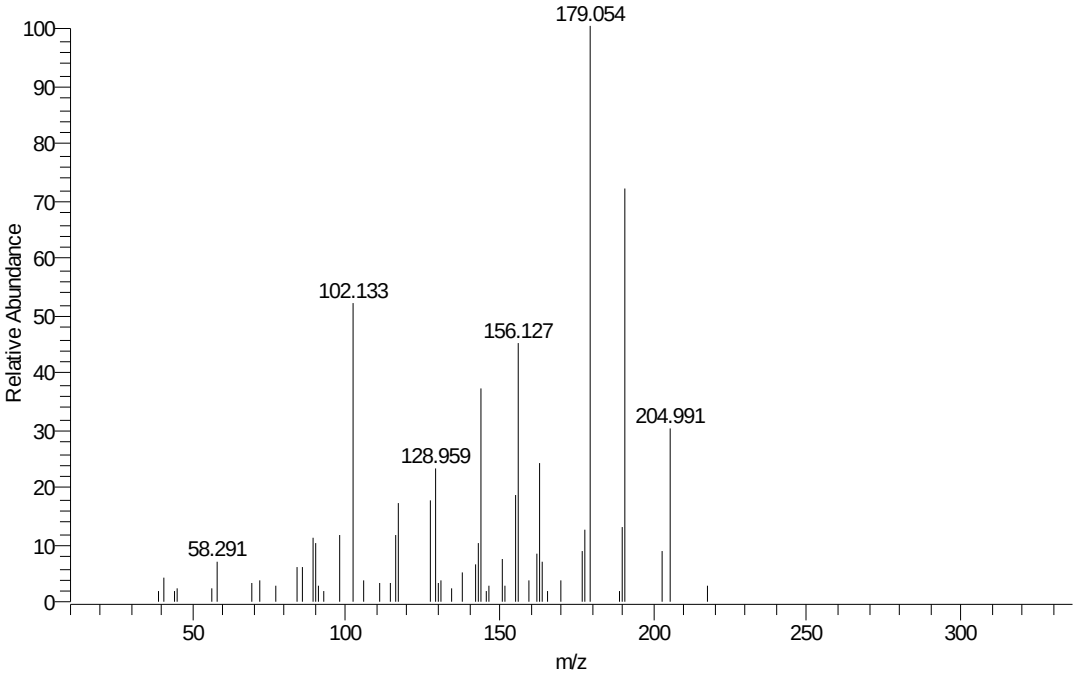
SRIGAMP DAC Scan #A: 19 Peak: 103.75; 1.48e+006



S#: 20718 FULL: PRO: 336 CT: 0.51 #A: 9 7.11e3



Signature: _____