Results from Compound Optimization

Compound Optimization in MS and MS/MS

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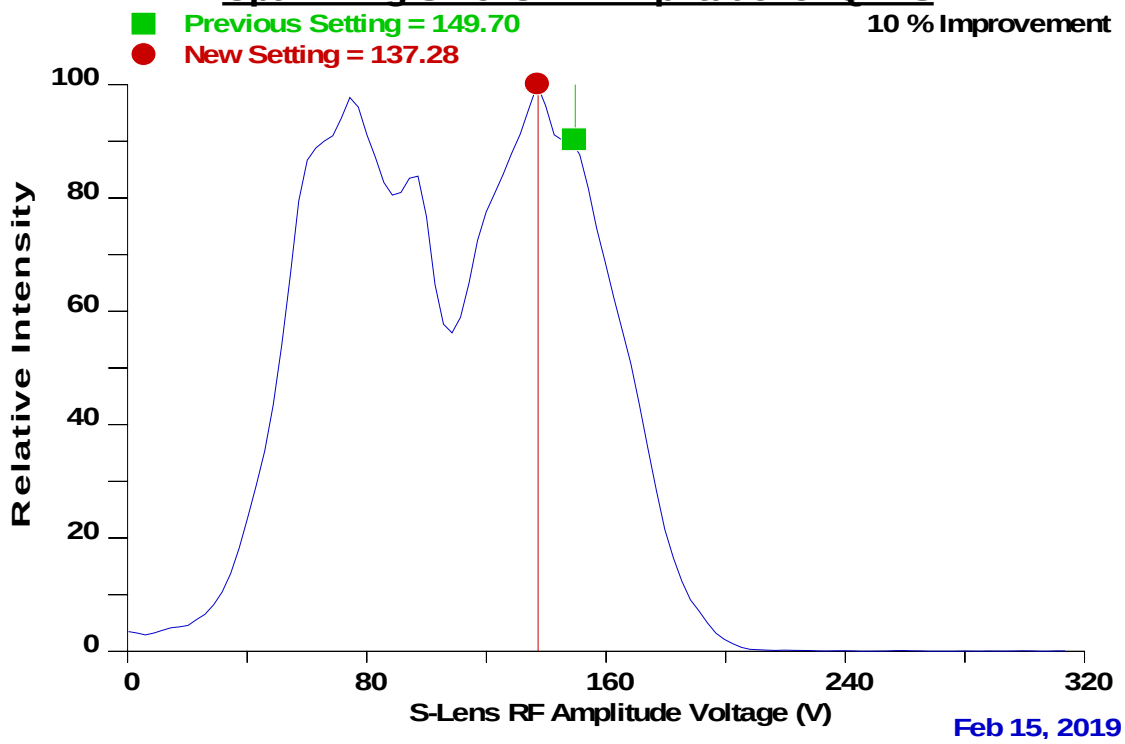
14:00:59:  Optimizing S-Lens RF Amplitude for ion 340.18 m/z
14:01:05:    Previous Setting = 149.70, New Setting = 137.28
14:01:05:    Maximum Intensity = 6.31e+06
14:01:05:    10 % Improvement
14:01:06:  Old Parent Mass: 340.176, New Parent Mass: 340.286
14:01:06:  Optimizing collision energy at 1.5 mTorr
14:01:06:  Waiting for the collision gas to stabilize
14:01:27:  Finding the product ions of ion 340.3 m/z
14:02:05:  Constructing the breakdown curve of ion 340.3 m/z
14:02:07:    Product Ion: 251.17 Maximum Intensity: 2.15e+07
14:02:09:    Product Ion: 179.07 Maximum Intensity: 4.11e+06
14:02:10:    Product Ion: 193.08 Maximum Intensity: 3.89e+06
14:02:12:    Product Ion: 104.14 Maximum Intensity: 3.64e+06
14:02:14:    Product Ion: 162.20 Maximum Intensity: 4.18e+06
14:02:16:    Product Ion: 158.10 Maximum Intensity: 1.52e+06
14:02:18:    Product Ion: 144.08 Maximum Intensity: 1.48e+06
14:02:19:    Product Ion: 73.14 Maximum Intensity: 1.16e+06
14:02:20:  Collision Energy Optimization Results:
14:02:20:  Product Ions (m/z)    Coll. Energy (v)
14:02:20:         251.17                        19
14:02:20:         179.07                        34
14:02:20:         193.08                        30
14:02:20:         104.14                        32
14:02:20:         162.20                        20
14:02:20:         158.10                        40
14:02:20:         144.08                        53
14:02:20:         73.14                        31
14:02:21:  Finish compound optimization
```

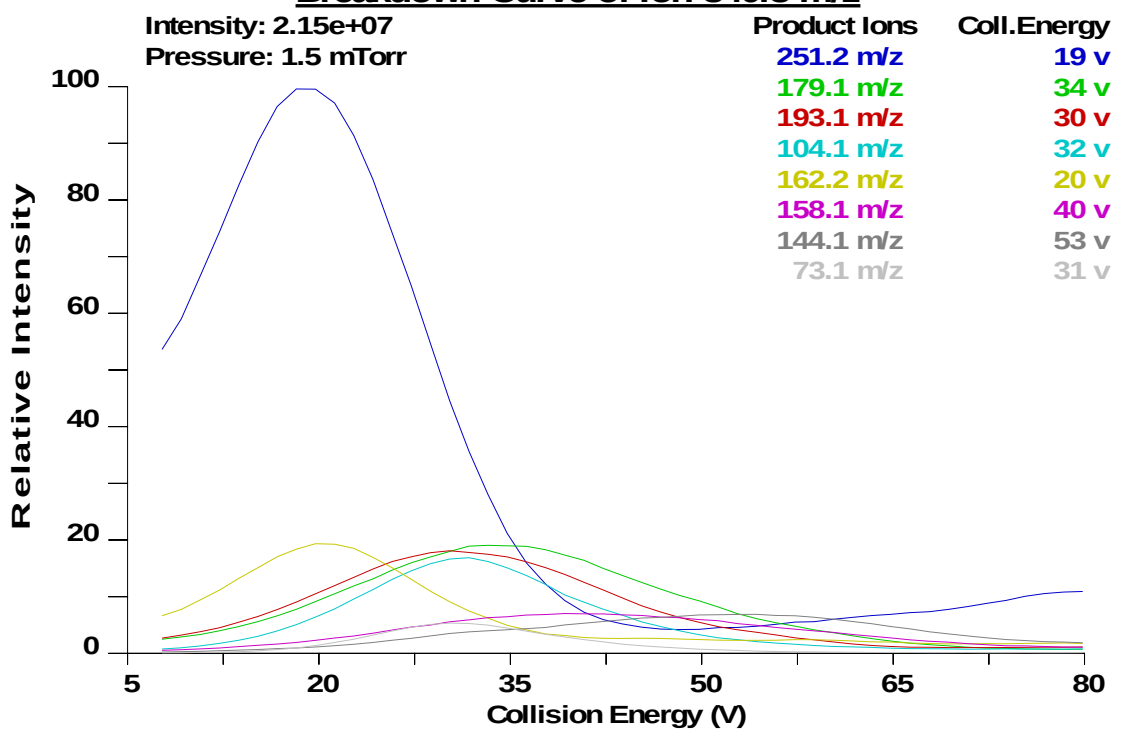
Comments:

Signature: _____

Optimizing S-Lens RF Amplitude for Q1MS



Breakdown Curve of Ion 340.3 m/z



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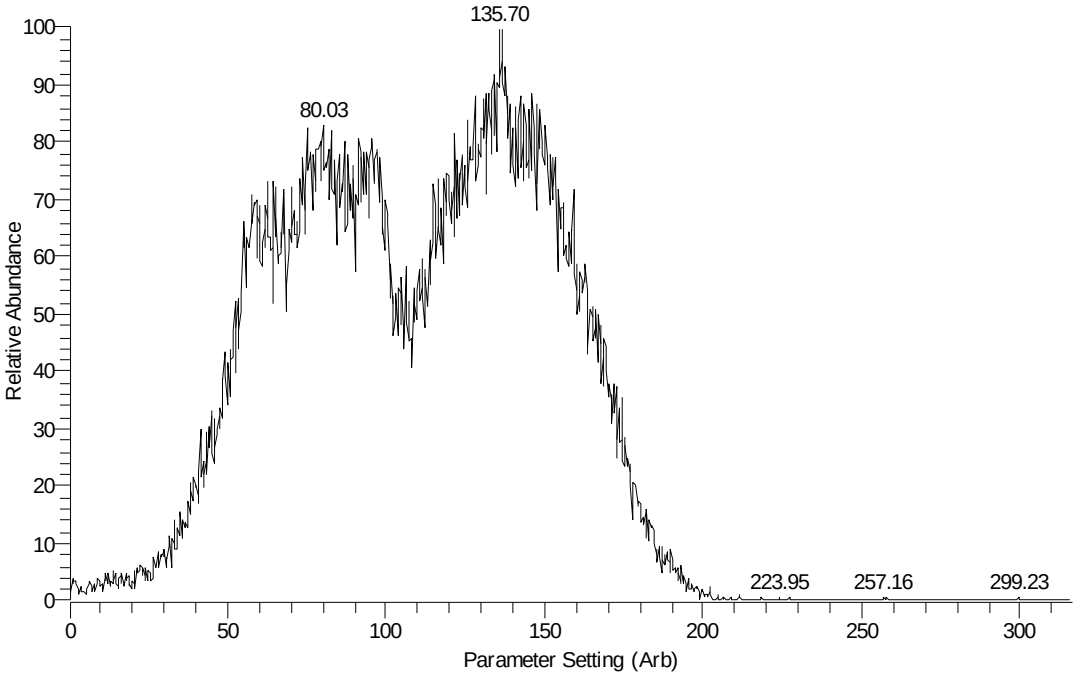
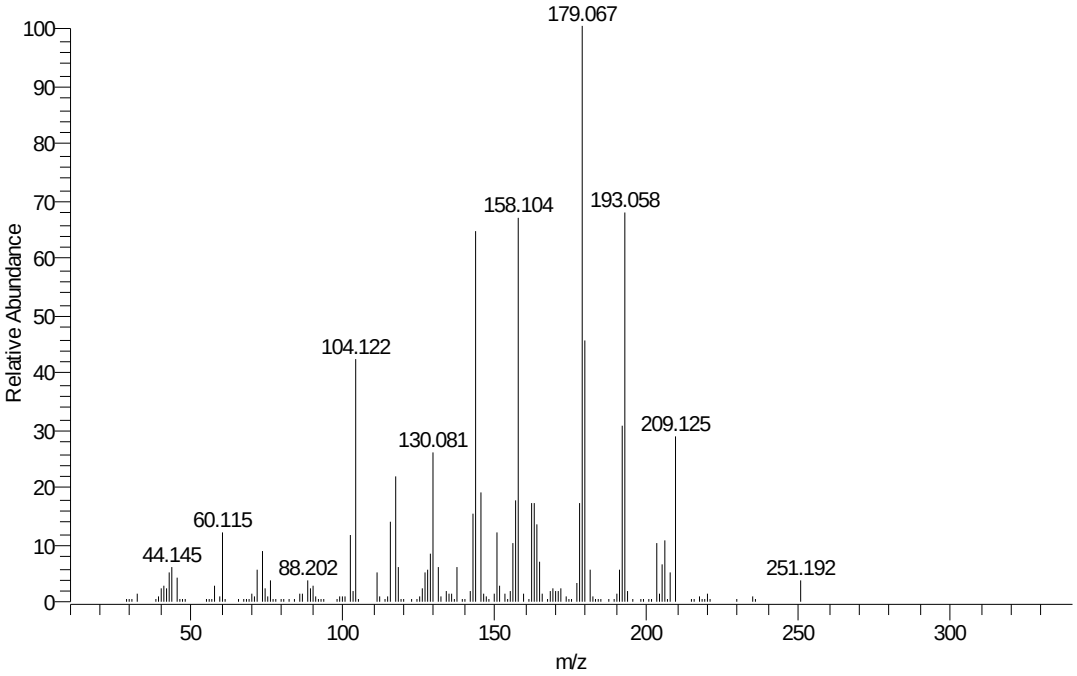
SRIGAMP DAC Scan #A: 19 Peak: 135.70; 6.56e+006



S#: 22119 FULL: PRO: 340 CT: 0.51 #A: 9 2.02e5



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