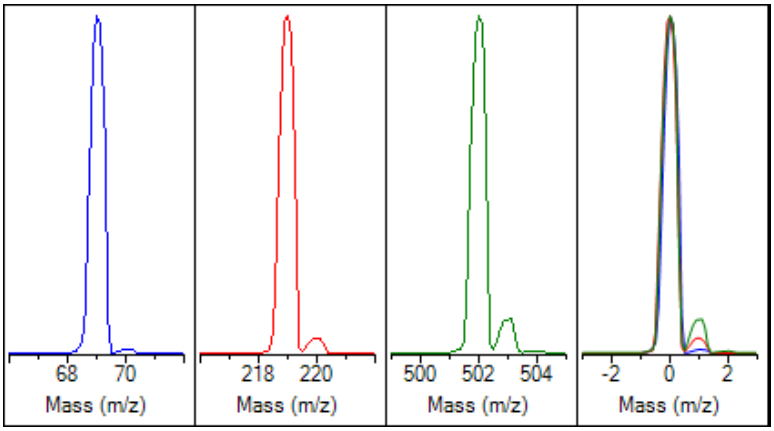
# Extraction Source Autotune - 5977

Tune timestamp: 8/6/2026 11:59 AM (UTC-07:00) 8890A GCMS

D:\MASSHUNTER\GCMS\1\5977\etune.u US2143M047

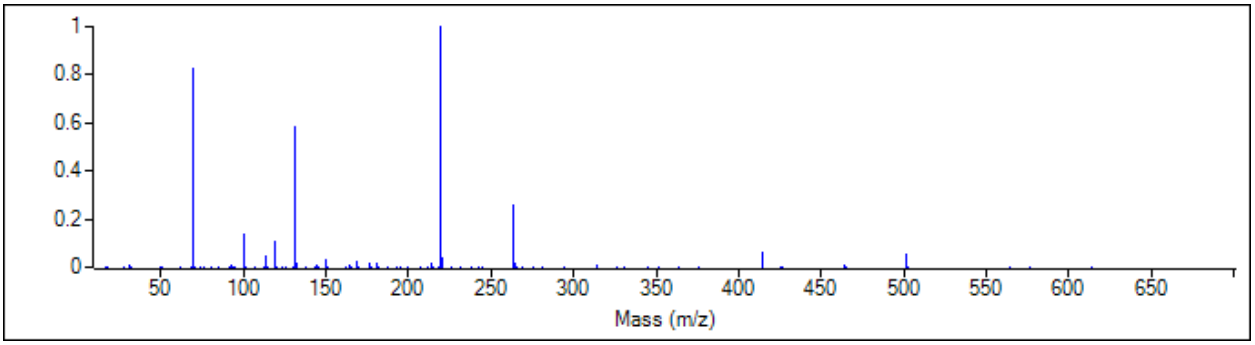



| | | | |
|---|---|---|---|
| Ion Polarity | Pos | PFTBA | Open |
| Emission | 34.6 | Mass Gain | -150 |
| Electron Energy | 70.0 | Mass Offset | -25 |
| Filament | 1 | Amu Gain | 2255 |
| Repeller | 4.98 | Amu Offset | 128.69 |
| Ion Focus | 69.1 | Width219 | -0.001 |
| Entrance Lens | 12.6 | DC Polarity | Pos |
| Ent Lens Offset | 11.65 | HED Enable | On |
| Ion Body | 10.00 | EM Volts | 1041.4 |
| Post Extractor 1 | 0 | Extractor Lens | -2.60 |
| Post Extractor 2 | 0 | Scan Speed | 3 |
| JetClean Flow Actual/[Setpoint] | 0.00 [0.00] | Averages | 3 |

| Actual m/z | Abund | Rel Abund | Pw50 |
|---|---|---|---|
| 69.00 | 392,135 | 100.0% | 0.58 |
| 219.00 | 463,069 | 118.1% | 0.60 |
| 502.00 | 27,097 | 6.9% | 0.59 |

| Temperatures and Pressures | | | |
|---|---|---|---|
| MS Source | 230 | Turbo Speed | 100.0 |
| MS Quad | 150 | Hi Vac | N/C |

| Low | High | Step | Speed | Threshold | Peaks | Base | Abundance | Total Ion |
|---|---|---|---|---|---|---|---|---|
| 10.00 | 701.00 | 0.10 | 3 | 100 | 111 | 219.00 | 448,000 | 1,545,334 |




| Target m/z | Actual m/z | Abund | Rel Abund | Iso m/z | Iso Abund | Iso Ratio |
|---|---|---|---|---|---|---|
| 69.00 | 69.00 | 370,240 | 100.0% | 70.00 | 4,181 | 1.1% |
| 219.00 | 219.00 | 448,000 | 121.0% | 220.00 | 19,400 | 4.3% |
| 502.00 | 502.00 | 26,616 | 7.2% | 503.00 | 2,478 | 9.3% |

Air/Water Check: H20 ~0.2% N2 ~0.1% O2 ~0.1% CO2 ~0.0% N2/H20 ~62.5%

Column(1) Flow: 0.48 Column(2): 0.00 ml/min Interface Temp: 83

**Ramp Criteria:**

Ion Focus maximum 90 volts using ion 502; Electron Multiplier Gain 39450.424

Repeller maximum 35 volts using ion 219; Gain Factor 0.3945

Mass Gain Values(Scan Speed): -143(3) -133(2) -118(1) -76(0) -31(FS1) 13(FS2) 12(FS3)

| TARGET MASS: | 50 | 69 | 131 | 219 | 414 | 502 | 1050 |
|---|---|---|---|---|---|---|---|
| Amu Offset | 128.7 | 128.7 | 128.7 | 128.7 | 128.7 | 128.7 | 128.7 |
| Entrance Lens Offset | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 |

Report Created: 8/6/2026 12:00 PM (UTC-07:00)