

Instrument Name : only_msd
 DC Polarity : Negative
 Filament : 2
 BasePeak should be 69 or 219 Ok
 Position of mass 69 69.00 Ok
 Position of mass 219 219.00 Ok
 Position of mass 502 502.00 Ok
 Position of isotope mass 70 70.00 Ok
 Position of isotope mass 220 220.00 Ok
 Position of isotope mass 503 503.01 Ok
 Ratio of mass 70 to mass 69(0.5 - 1.6%) 1.11 Ok
 Ratio of mass 220 to mass 219(3.2 - 5.4%) 4.39 Ok
 Ratio of mass 503 to mass 502(7.9 - 12.3%) 10.21 Ok
 Ratio of 219 to 69 should be > 40% and is 58.31 Ok
 Ratio of 502 to 69 should be > 2.4% and is 8.63 Ok

Mass 69 Precursor (<= 3%) 1.23 Ok
 Mass 219 Precursor (<= 6%) 0.86 Ok
 Mass 502 Precursor (<= 12%) 1.39 Ok

Testing for a leak in the system

Ratio of 18 to 69 (<20%) 1.49 Ok
 Ratio of 28 to 69 (<10%) 143.03 High
 Ratio of Nitrogen to Oxygen (~5:1 for air) 3.83 Air Leak

Wait 24 hours and rerun system verification.

If problem persists, check for an air leak
 or for a contaminated gas supply.

Electron Multiplier Voltage 1612 Ok

One or more specifications was out of range.
 Please correct before continuing.

Failure of one or more tests may be caused by
 selecting the wrong DC Polarity.
 Please verify that the correct DC Polarity has been set
 by removing the detector cover and checking the label
 at the top of the EID.