

ABSTRACT

Title: A method of performing a routine on a mass spectrometer

- 5 A method of performing a routine on a mass spectrometer, comprising:
 providing a reference sample having known chemical properties;
 generating a test mass spectrum from the reference sample using the mass
spectrometer;
 comparing predetermined characteristics of the test mass spectrum to predetermined
10 performance criteria;
 performing an autotune procedure on the mass spectrometer if a first characteristic of
the test mass spectrum is deemed not to meet corresponding predetermined performance
criteria;
 performing a resolution adjustment and calibration procedure on the mass spectrometer
15 if a second characteristic of the test mass spectrum is deemed not to meet corresponding
predetermined performance criteria.

[Figure 1]