ion kinetic energy spectrum

in mass spectrometry

A spectrum obtained when a beam of ions is separated according to the translational energy-to-charge ratios of the ionic species contained within it. A radial electric field ($E$) achieves separation of the various ionic species in this way.

Source:
PAC, 1991, 63, 1541 (Recommendations for nomenclature and symbolism for mass spectrometry (including an appendix of terms used in vacuum technology). (Recommendations 1991)) on page 1550