METHOD FOR INCREASING IONIZATION EFFICIENCY IN MASS SPECTROSCOPY

Abstract

A mass spectrometry ionization method in which electrospray droplets or solid sample matrices are exposed to an ion beam thereby increasing the unbalanced charge of the analyte is provided. In another embodiment, a mass spectrometry ionization method in which ionization of the sample is achieved by directing an ion beam at a liquid or solid sample matrix containing analyte thereby ionizing and adding unbalanced charge to the analyte is provided.

Figure 1