**collision-induced dissociation**

*in mass spectrometry*

An ion/neutral species process wherein the projectile ion is dissociated as a result of interaction with a target neutral species. This is brought about by conversion of part of the translational energy of the ion to internal energy in the ion during the collision.

**Source:**
PAC, 1991, 63, 1541 *(Recommendations for nomenclature and symbolism for mass spectrosocpy (including an appendix of terms used in vacuum technology). (Recommendations 1991))* on page 1555