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Sommario/riassunto

Combining an up-to-date insight into mass-spectrometric polymer analysis beyond MALDI with application details of the instrumentation, this is a balanced and thorough presentation of the most important and widely used mass-spectrometric methods. Written by the world's most proficient experts in the field, the book focuses on the latest developments, covering such technologies and applications as ionization protocols, tandem and liquid chromatography mass spectrometry, gas-phase ion-separation techniques and automated data processing. Chapters on sample preparation, polymer degradation and the usage of mass-spectrometric tools on an industrial scale round off the book. As a result, both entrants to the field and experienced researchers are able to choose the appropriate methods and instrumentations -- and to assess their respective strengths and limitations -- for the characterization of polymer compounds.
