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Nota di bibliografia	
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Nota di contenuto	Includes bibliographical references and index. Employing 'second generation' matrices (MA)LDI MS mass spectrometry imaging at high specificity and sensitivity Techniques for fingermark analysis using MALDI MS - a practical overview Whole/Intact Cell MALDI MS Biotyping in Mammalian Cell Analysis MALDI biotyping for microorganism identification in clinical microbiology Future applications of MALDI-TOF MS in microbiology MALDESI: Fundamentals, direct analysis, and MS imaging Microprobe MS Imaging of Live Tissues, Cells, and Bacterial Colonies using LAESI Efficient production of multiply charged MALDI ions Food Authentication by MALDI MS - MALDI-TOF MS Analysis of Fish Species Quantitative MALDI MS using Ionic Liquid Matrices Disease profiling by MALDI MS analysis of biofluids Ionic Liquids and other liquid matrices for sensitive MALDI MS analysis Coupling liquid MALDI MS to liquid chromatography.

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assisted laser desorption/ionization) and its applications. New applications and improvements in the MALDI field such as biotyping, clinical diagnosis, forensic imaging, and ESI-like ion production are covered in detail. Additional topics include MS imaging, biotyping/speciation; large-scale, high-speed MS sample profiling; new methods based on MALDI or MALDI-like sample preparations; and the advantages of MALDI MS analysis over ESI (electrospray ionization). This is an ideal book for graduate students and researchers in the field of bioanalytical sciences. This book also: • Showcases new techniques and applications in MALDI MS • Demonstrates how MALDI is preferable to ESI • Illustrates the pros and cons associated with biomarker discovery studies in clinical proteomics and various application areas, such as cancer proteomics.