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Titolo	Fundamentals of contemporary mass spectrometry [[electronic resource] /] / Chhabil Dass
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ISBN	1-280-85508-8 9786610855087 0-470-11849-0 0-470-11848-2
Descrizione fisica	1 online resource (609 p.)
Collana	Wiley-Interscience series on mass spectrometry
Disciplina	543.65 543/.65
Soggetti	Mass spectrometry Spectrum analysis - Instruments Molecular spectroscopy Biomolecules - Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Instrumentation -- Basics of mass spectrometry -- Modes of ionization -- Mass analysis and ion detection -- Tandem mass spectrometry -- Hyphenated separation techniques -- Organic and inorganic mass spectrometry -- Organic mass spectrometry -- Inorganic mass spectrometry -- Biological mass spectrometry -- Proteins and peptides : structure determination -- Proteins and peptides : posttranslational modifications -- Proteins and peptides : higher-order structures -- Characterization of oligosaccharides -- Characterization of lipids -- Structure determination of oligonucleotides -- Quantitative analysis -- Miscellaneous topics.
Sommario/riassunto	Modern mass spectrometry - the instrumentation and applications in diverse fields Mass spectrometry has played a pivotal role in a variety of scientific disciplines. Today it is an integral part of proteomics and drug discovery process. Fundamentals of Contemporary Mass Spectrometry gives readers a concise and authoritative overview of modern mass spectrometry instrumentation, techniques, and

applications, including the latest developments. After an introduction to the history of mass spectrometry and the basic underlying concepts, it covers: Instrumentation, including m
