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Altri autori (Persone)	RosenfeldJ. M
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Nota di contenuto	Contributors; Contents; 1 Introduction: current techniques and issues in sample preparation; 2 Molecular pathology: applications of genomic analyses to diagnosis of genetic diseases; 3 Measurement of oxidative DNA damage by gas chromatography-mass spectrometry and liquid chromatography-mass spectrometry; 4 Utility of chemical derivatization schemes for peptide mass fingerprinting; 5 Oligosaccharides; 6 Hyphenated techniques in drug discovery: purity assessment, purification, quantitative analysis and metabolite identification; 7 Environmental organic analytes 8 From cells to instrumental analysis 9 Studies on animal to instrument hyphenation: development of separation-based sensors for near real-time monitoring of drugs and neurotransmitters; Index
Sommario/riassunto	Linking "standard" but often mutually incompatible analytical techniques - so called hyphenation - generally leads to enhanced analytical performance, so hyphenated techniques are widely used in areas where samples are presented in complex matrices, eg environmental, pharmaceutical and biochemical analysis. With these hyphenated techniques, sample preparation is often the most time-

consuming step in analysis, particularly where compounds are present in low concentration, and it has a huge influence on the quality of the analytical results. Sample preparation is still not given the importance i

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