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Nucleic acid and nucleotide mass spectrometry

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- Analysis as bases, nucleosides
 - No different from other small molecules
 - Bases are sufficiently hydrophobic to be analyzed by reverse-phase LC-MS
 - The addition of ribose or deoxyribose not a problem
 - Detected in the positive ion mode
- Nucleotides are more difficult
 - The phosphate group reduces net charge
 - Na⁺ salts cause multiple ion states





























