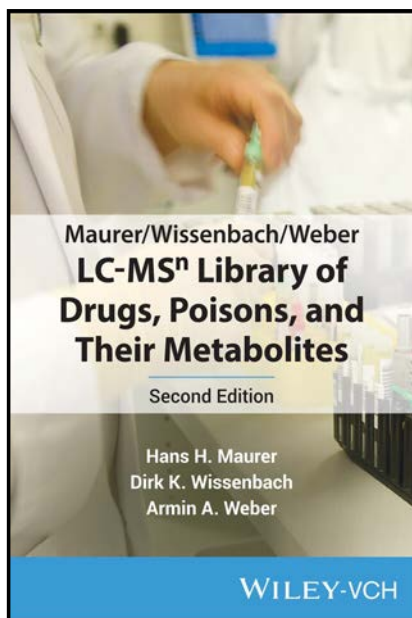


LC-MSⁿ Library of Drugs, Poisons and Their Metabolites, 2nd edition

Maurer, Wissenbach, Weber



Optimize your metabolite-based LC-MSⁿ screening and minimize false negative results

The Maurer/Wissenbach/Weber LC-MSⁿ Library of Drugs, Poisons, and Their Metabolites, Second Edition provides a proven metabolite-based LCMSⁿ screening method and MS² and MS³ spectra of over 2,270 parent compounds and over 3,600 of their metabolites, making it one of the only LC-MSⁿ screening libraries that focuses on metabolite spectra.

The second edition was developed for forensic and clinical research and routine labs to quickly and accurately confirm and identify drugs, poisons, and/or their metabolites. Detection of metabolites increases the sensitivity, detection window and selectivity, allows confirmation of the body passage, and minimizes the risk of false negative LC-MS results possibly caused by ion suppression of the target analyte. Even the risk of false positive results can be reduced considering the metabolite patterns.

LC-MSⁿ Library of Drugs, Poisons, and Their Metabolites, Second Edition includes instrument specific training inserts covering details on:

- Sample preparation methods
- Applied chromatographic conditions
- Applied MS settings



Specifications

- Mass Spectra: >13,000
- Chemical Structures: 10,787
- Toxicologically Relevant Compounds: > 2,270
- Metabolites/Artifacts: >3,600
- Endogenous Molecules/Impurities: 90



Compatibility

- Bruker Toxtyper 2.0
- NIST MS Search
- Thermo Xcalibur, ToxID



Ordering Information

LC-MSⁿ Library of Drugs, Poisons, and Their Metabolites
CD-ROM ISBN: 978-3-527-34649-3

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