

NIST 05

- NIST/EPA/NIH Mass Spectral Library.

A new major release of the NIST/EPA/NIH Mass Spectral Library

Now available with the enhanced, full featured NIST MS Search Program for Windows with integrated tools for GC/MS Deconvolution, MS Interpretation, and Chemical Substructure Identification

Library of EI Spectra

- 10% increase in coverage and quality improvements over NIST 02 (45% increase over NIST 98)
- 190,825 fully evaluated spectra of 163,198 Compounds with structures
- 27,027 Replicate Spectra
- Approximately 100 Peaks/Spectrum

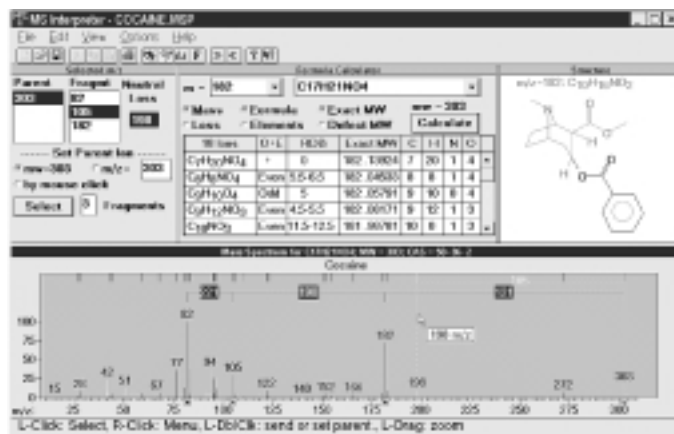


Library of Retention Index Values

121,112 Kovats Retention Index values for 25,893 compounds on non polar columns

Library of MS/MS Spectra

5,191 spectra of 1,943 different ions (1,671 positive and 341 negative ions)



Data Sources Include:

- Chemical Concepts - including Prof. Henneberg's industrial chemicals collection
- Georgia and Virginia Crime Laboratories
- TNO Flavors and Fragrances
- AAFS Toxicology Section, Drug Library
- Association of Official Racing Chemists St. Louis University Urinary Acids
- VERIFIN & CBDCOM Chemical Weapons

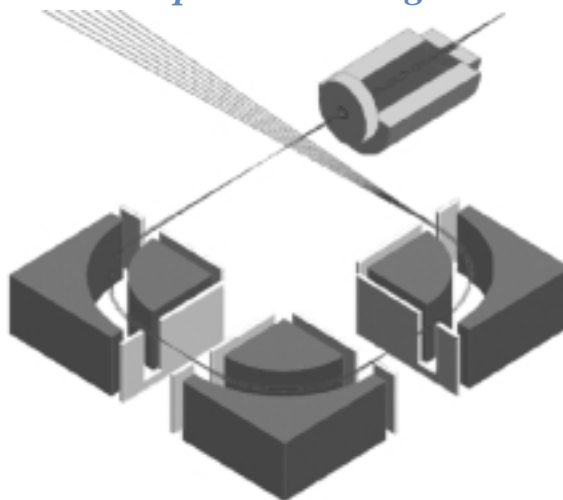
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SIMION™ Version 8.0

The Industry Software Standard for Electron and Ion Optics Modeling

- Complete instrument simulation, including field and particle trajectory solving.
- Revamped user interface.
- Increased performance, array size, and limits.
- Enhanced user programming capabilities, new examples and features.

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Also available
CPO
Charged Particle Optic Software
for Advanced Electrostatic and Space Charge, Cathodes and High Accuracy Ion Optic Computer Modelling
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