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KnowItAll Campus Solutions

Chemistry Software & Spectral Database Solutions

Broaden Your Chemistry Software & Spectral Resources

When it comes to choosing solutions for your campus, you want to make sure your faculty, students, and scientific labs have access to the top resources. As a trusted library partner, Wiley is pleased to announce a campus-wide solution that is sure to make impact throughout your scientific curricula and research programs.

KnowItAll Campus-Wide Solutions offer faculty and students at your school access to all the software tools they need for **spectral analysis** and **structure drawing & publishing**! Plus, access to the world's largest spectral library with over 2 million quality spectra.

Why KnowItAll Campus Solutions

Engage learners. With campus wide solutions professors and students get access to a host of tools that can be used in **basic to advanced courses.**

Accelerate research. Equip labs and research centers with top resources used in research facilities throughout the world.
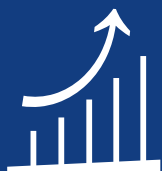
Easy to deploy. Once we set up your license, students and faculty across your campus can easily access without the need for IT resources.

Easy to use. KnowItAll eliminates the need for multiple software packages with powerful tools integrated into a single interface to shorten the learning curve.

Work with a trusted academic partner. Wiley has been empowering researchers for over 200 years. When it comes to scientific data and software, you need quality resources you can rely on.

Cost-effective, scalable solutions. For the classroom, lab, or library — from individual licenses to site licenses for small to large research labs and departments or campus-wide access.
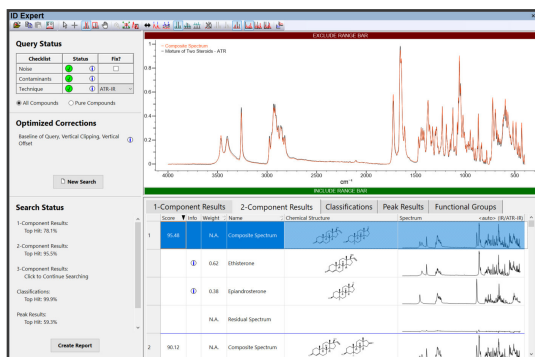
Save money. Eliminate redundant software and database licenses your school maintains. There's no longer a need for separate licenses for spectral analysis software, spectral libraries, or structure drawing/publishing (we include ChemWindow!)

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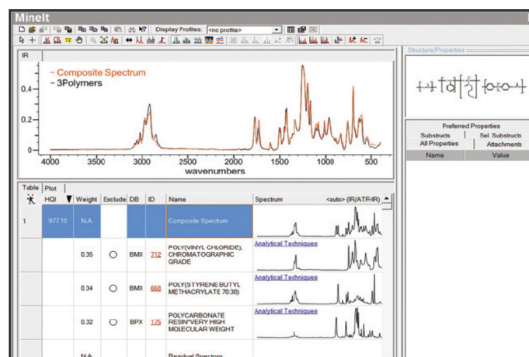## Spectra Software Tools – IR, MS, NMR, Raman, & UV-Vis

**KnowItAll ID Expert™ –
One-Click Spectral ID**

Perform applicable analyses (single and multi-component search, peak search, and functional group analysis) on an unknown spectrum.
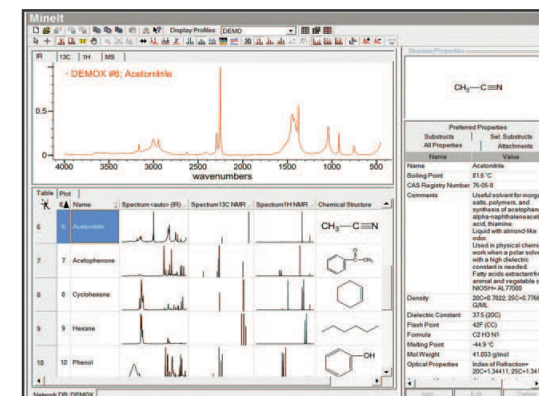
**SearchIt™ – Advanced
Database Searching**

Find advanced features for spectral mixture analysis, "simultaneous" multi-technique search, and spectral deformulation.
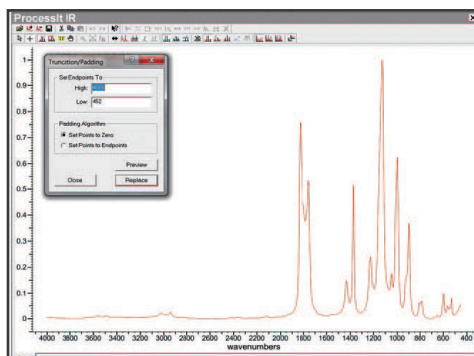
MineIt™ – Spectral Data Management

Build spectral libraries with spectra (from multiple techniques / instrument vendors), structures, and meta data and use advanced tools for data mining.
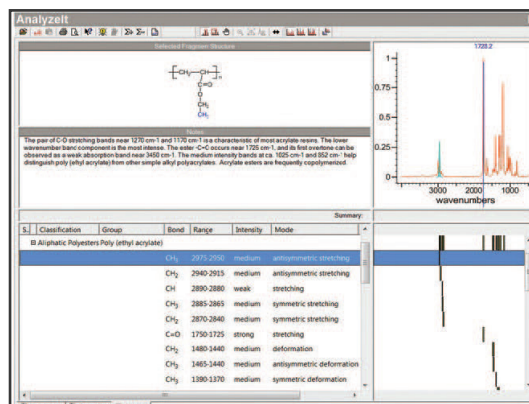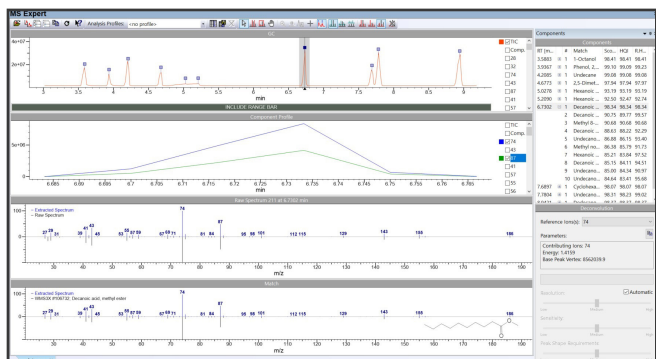

ProcessIt™ – Spectral Processing

Process spectra from a variety of instruments to improve the quality of archived data and search results.
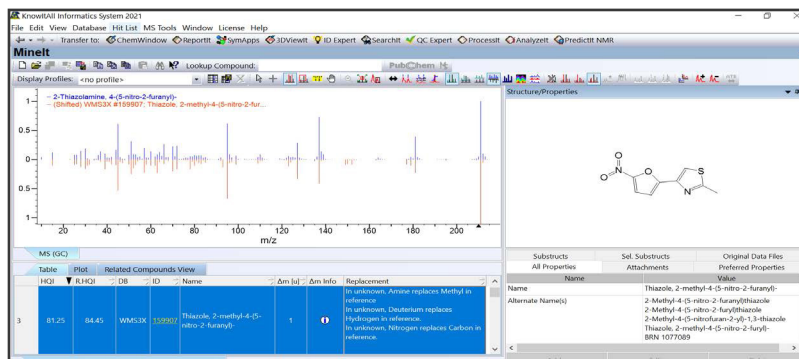
AnalyzeIt™ – IR, Raman, Polymer IR

Simply load a spectrum and click on a peak of interest to see all the possible functional groups.
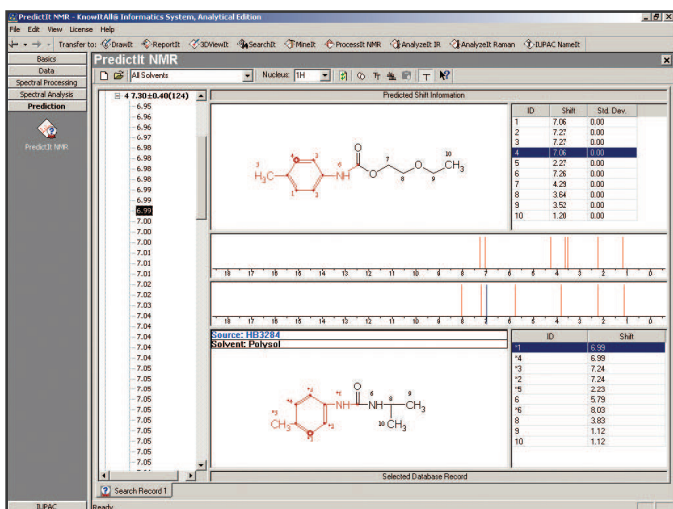
KnowItAll Software

MS Expert – Automated Non-Targeted GC-MS Analysis

This tool combines fast, flexible deconvolution with reference database search into a single, automated workflow to analyze components.
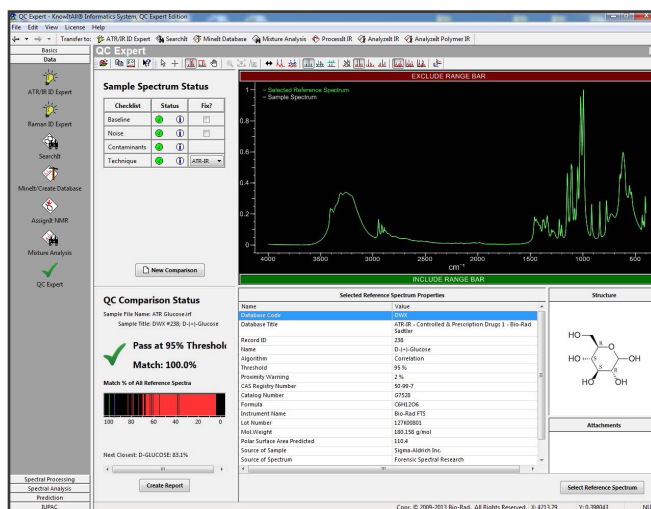

Patent-Pending Adaptive Search for MS Analysis

This technology finds spectral matches that are similar to the unknown but have additional or missing selective fragment(s). It provides tremendous insight into structural possibilities to explore when there is no exact match.

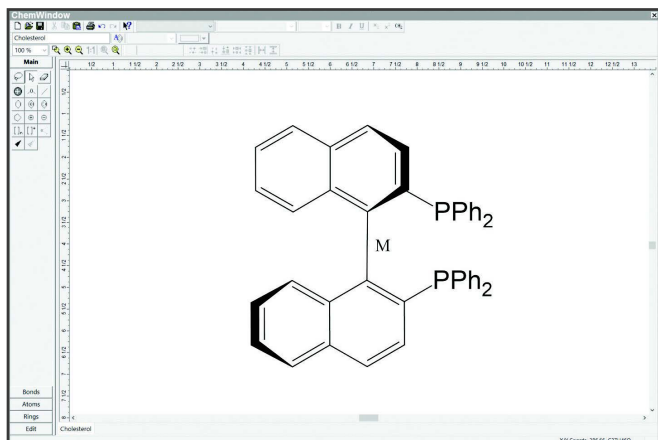## PredictIt™ NMR – Chemical Shift Prediction

Perform database-based NMR spectrum predictions for 13C, 1H, and other nuclei.

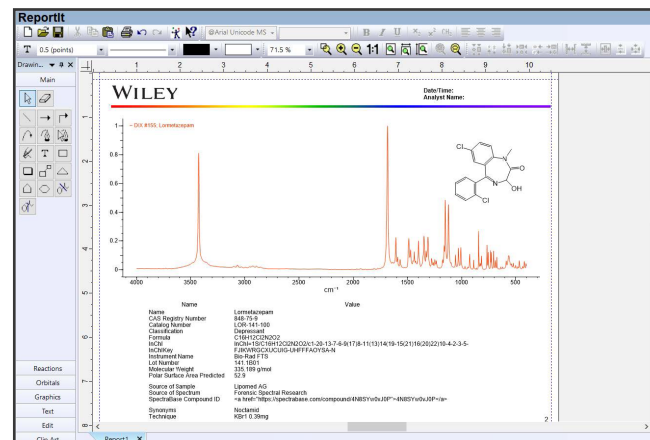## QC Expert™ – IR, Raman, Chromatogram QC Comparison

Perform a quality control comparison of a sample spectrum against a reference spectrum.

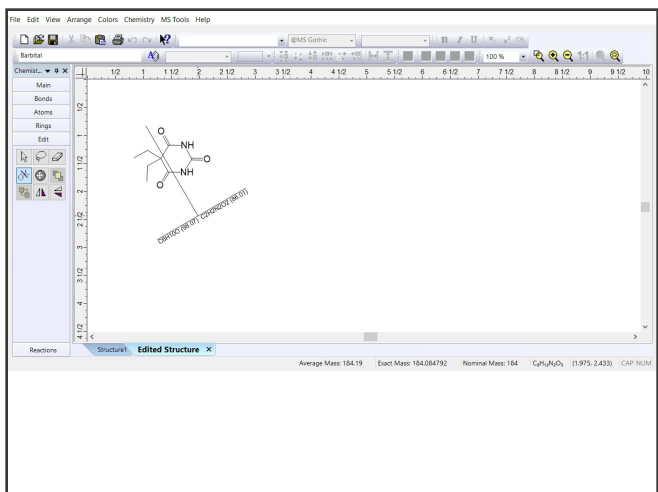# ChemWindow Structure Drawing & Reporting Tools

ChemWindow – 2D Structure Drawing

This tool includes advanced stereochemical recognition and allows you to simply click and drag to draw any chemical structure.
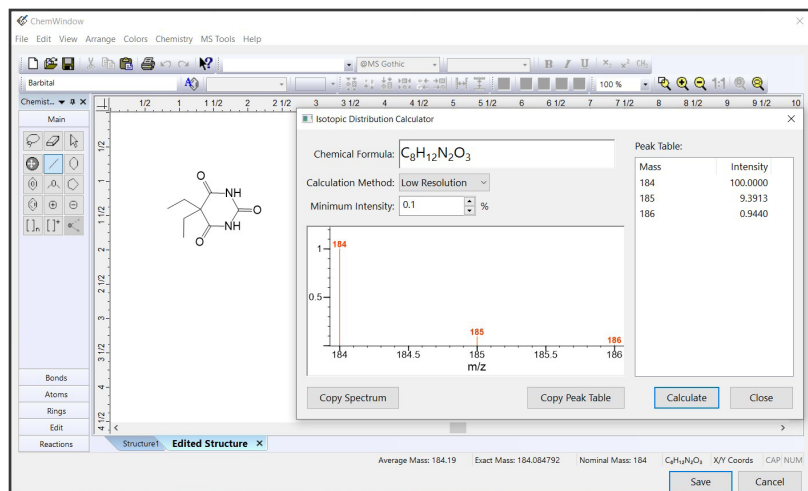
ReportIt™ – Reporting & Publishing Tool

Create reports complete with spectra, structures, tables, and more.

Mass Fragmentation Tool

Chemistry Calculators

Isotopic Distribution Tool

Elemental Composition Calculator

Mass to Mole Conversion

Calculate Mass from Structure

KnowItAll Spectral Libraries

Wiley is the **leader in spectral data** with over 2 million spectra—**the world's largest collection**—including infrared (IR), mass spec (MS), Raman, NMR, and UV-Vis spectral libraries.

Our KnowItAll Spectral Libraries:

Provide trusted data for results you can rely on.

Cover a broad range of compounds spanning a wide array of applications.

Are strongly recommended for your laboratories along with instruments or use in advanced classes.

Include access to **hundreds of databases**, including the renowned **Wiley / Sadtler Libraries**, the **Wiley Registry of Mass Spectra**, the **Hummel Libraries, KnowItAll Sigma Aldrich Libraries**, and many more.

KnowItAll AnyWare Online Spectral Search

All faculty and students with a "full-access" spectral data license can also access the KnowItAll spectral collection via the **KnowItAll AnyWare web portal**. Search over 2 million spectra (IR, NMR, MS, Raman, UV-Vis) using the KnowItAll AnyWare website.

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Explore Our Solutions

For the classroom, we recommend:

- KnowItAll Software

- KnowItAll Spectral Libraries (for advanced classes)

- KnowItAll AnyWare Online Spectral Search

For laboratory & research, we recommend:

- KnowItAll Software

- KnowItAll Spectral Libraries

Our academic specialists can work with you to help identify the right solutions. Let's explore how we can help you achieve your research and educational goals!

Get Quote | **Contact Us**

sciencesolutions.wiley.com