WILEY

Engage learners. Empower researchers. Enable success.

KnowItAll Campus-Wide Solutions

Chemistry software & spectral database solutions for your entire campus

Empower chemistry learning & research with integrated software and spectral resources

When choosing solutions for your campus, it's essential to support both **chemistry learning and research** with tools that are easy to access, easy to use, and trusted by the academic community. **KnowItAll Campus Solutions** provide students, faculty, and researchers with campus-wide access to integrated chemistry software and world-class spectral data, helping engage learners, empower researchers, and enable success across coursework, teaching labs, and research programs.

The challenge many universities face

Students & researchers across academia need industry-grade spectral analysis tools and data— yet budget realities and competing priorities mean access is often limited, inconsistent, or out of reach entirely.

Disconnected tools

Disconnected tools for different techniques mean steep learning curves and fragmented workflows across coursework and research.

The preparation gap

Students graduate without hands-on experience with the spectral tools used in industry and government labs.

Rising license costs

Managing spectral libraries, analysis, structure drawing, & reporting from different vendors is expensive & complex.

Scattered data

Spectral reference data is inconsistent, siloed, or inaccessible to students & researchers who need it most.

What if one solution could solve all of this?

Introducing KnowItAll Campus-Wide Solutions

One integrated platform. World-class data. A fraction of the cost.

Spectral analysis tools

Spectral search • Identification • Processing • Database building • Mixture analysis • Quantitative analysis • NMR prediction • IR/Raman functional group analysis

Structure drawing and reporting

ChemWindow® included at no extra cost • Lab reports and publications • MS fragmentation tools • Chemistry calculators

Hundreds of spectral databases

Access millions of spectra • Access to high-quality databases including Sadtler, Wiley Registry, Hummel libraries • IR, MS, NMR, Raman, UV-Vis

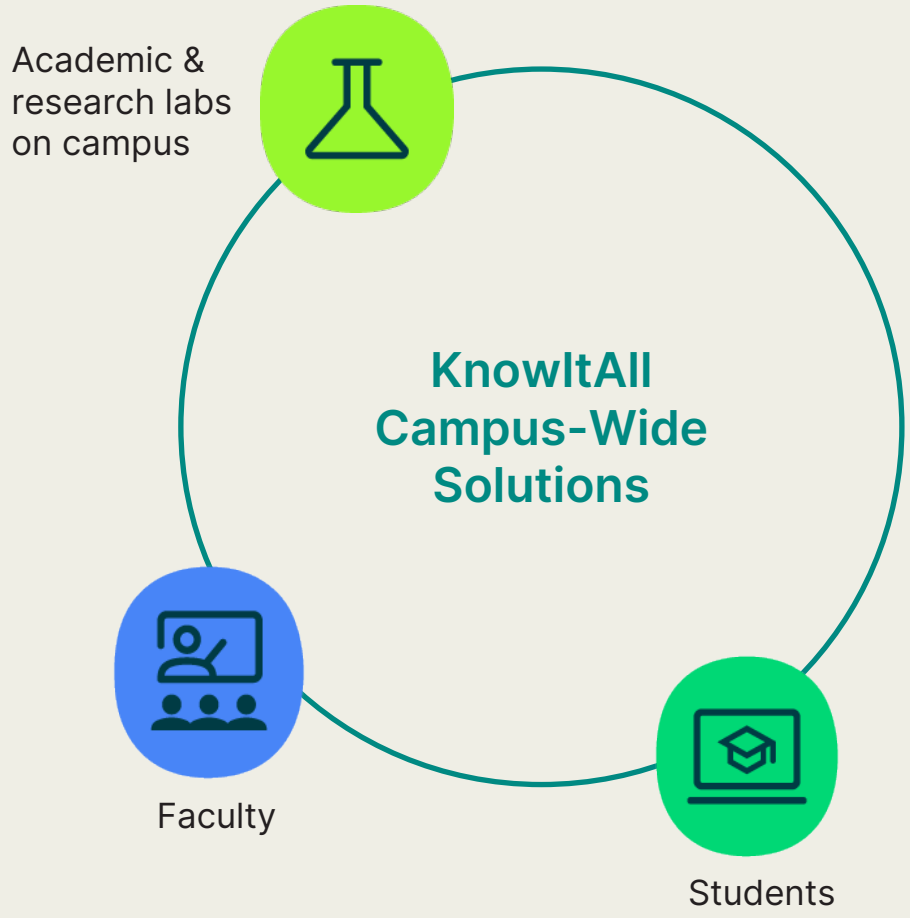
Easy to implement

No IT resources required • Self-registration via campus email • Immediate access after setup

- **VPAT compliant:** With accessibility features like keyboard access to menus, narration for icons, and tool tips.
- **Multi-language interface:** Software is currently available in English, Chinese, French, German, Japanese, and Korean.
- **Vendor neutral environment:** Supports multiple instrument vendor file formats and techniques to streamline your workflow.

KnowItAll Campus-Wide Solutions

One solution that serves your entire campus



From introductory courses to cutting-edge research labs across disciplines

ANALYTICAL CHEMISTRY	BIOLOGY	BIOCHEMISTRY
CHEMISTRY	CHEMICAL ENGINEERING	CLINICAL SCIENCES
ENVIRONMENTAL SCIENCE	FORENSIC SCIENCES	GEOLOGY
LIFE SCIENCES	MATERIALS SCIENCE	MEDICINAL CHEMISTRY
PHYSICS	TOXICOLOGY	AND MANY OTHERS!

Why KnowItAll Campus-Wide? Three reasons that matter

Make impact

Students access and gain confidence using the same tools in industry.

Researchers accelerate identification by searching their spectra directly against trusted, comprehensive reference databases.

Easy to deploy

Once licensed, students and faculty self-register with their campus email. No IT required.

A single integrated interface replaces multiple disconnected packages from multiple vendors.

Vendor neutral and supports multi-analytical techniques.

Save money

Consolidate redundant licenses for spectral libraries, structure drawing and reporting tools.

ChemWindow® is included — commonly licensed separately elsewhere at significant cost.

Wiley has been empowering researchers for over 200 years.
When it comes to scientific data and software, you need a partner you can trust.

What‘s included?

What‘s included?

Snapshot of what‘s included in KnowItAll Campus-Wide Solutions

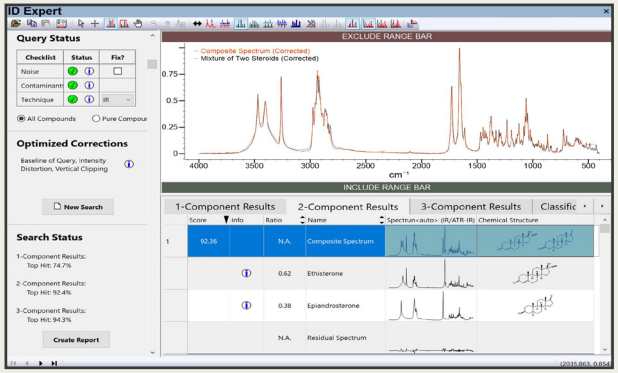
KnowItAll software tools	
KnowItAll ID Expert	One-click “first-pass” spectral identification tool
SearchIt	Advanced database searching
Trendfinder	Chemometrics data analysis simplified
MineIt	Spectral data management
ProcessIt	Spectral processing
AnalyzeIt	IR, Raman, Polymer IR - Functional group analysis
GC Expert	Automated GC-MS analysis
LC Expert	Automated LC-MS/MS analysis
PredictIt NMR	Chemical shift prediction
QC Expert	IR, Raman, chromatogram QC comparison
Quantitation	Quantitative analysis tool
ChemWindow	2D structure drawing
ReportIt	Reporting & publishing tool
Mass fragmentation tool	Predict m/z value from a structure
Chemistry calculators	Isotopic distribution, elemental composition, mass to mole conversion, calculate mass from structure
KnowItAll spectral libraries	
KnowItAll IR, Raman, NMR, MS, UV-Vis spectral libraries	Get access to hundreds of spectral databases
KnowItAll AnyWare	
KnowItAll AnyWare	Web-based portal to access KnowItAll resources

KnowItAll software tools

Spectroscopy tools - IR, MS, NMR, Raman, & UV-Vis

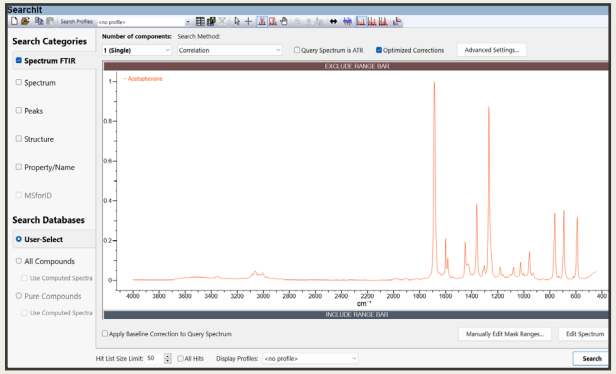
KnowItAll ID Expert – One-click spectral ID

Perform applicable analyses (single and multi-component search, peak search, and functional group analysis) on an unknown spectrum.



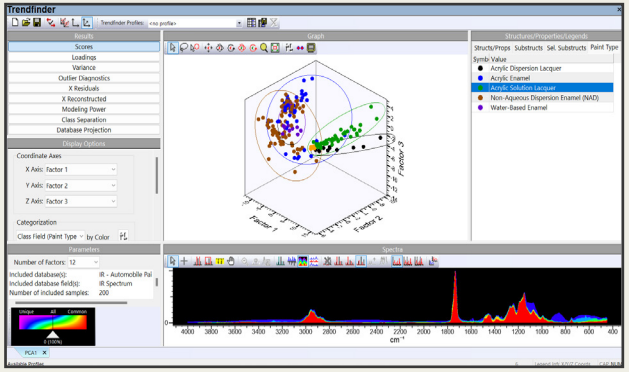
SearchIt – Database searching

With advanced features for spectral mixture analysis, "simultaneous" multi-technique search, and spectral deformulation.



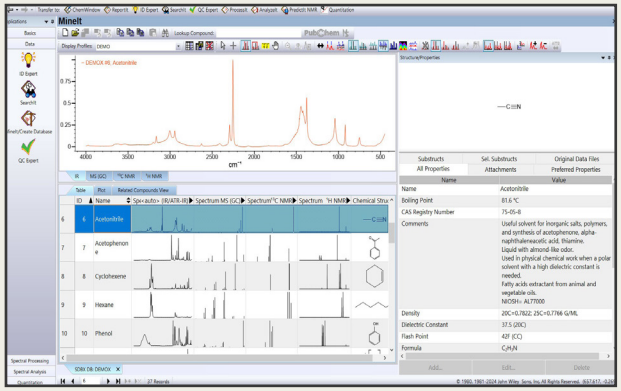
Trendfinder – Chemometrics data analysis simplified

Apply Principal Component Analysis (PCA) to large datasets of spectra or chromatograms to reveal hidden patterns.



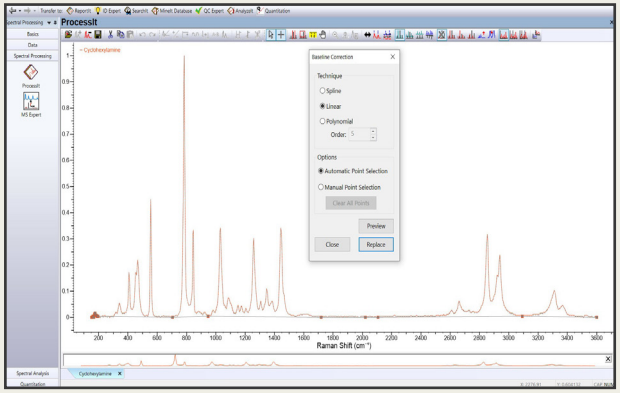
MineIt – Spectral data management

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



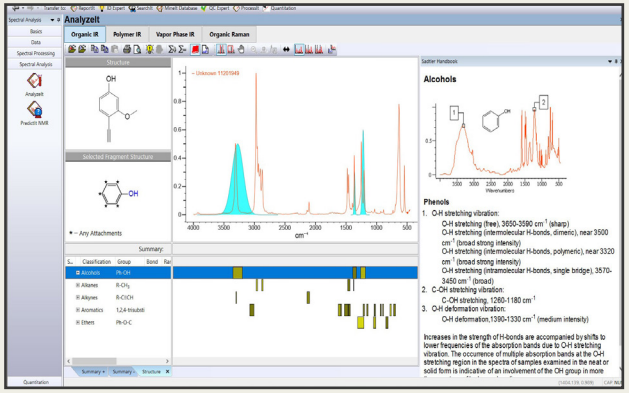
ProcessIt – Spectral processing

Process spectra from a variety of instruments to improve the quality of archived data and search results.



AnalyzeIt – IR, Raman, Polymer IR - Functional group analysis

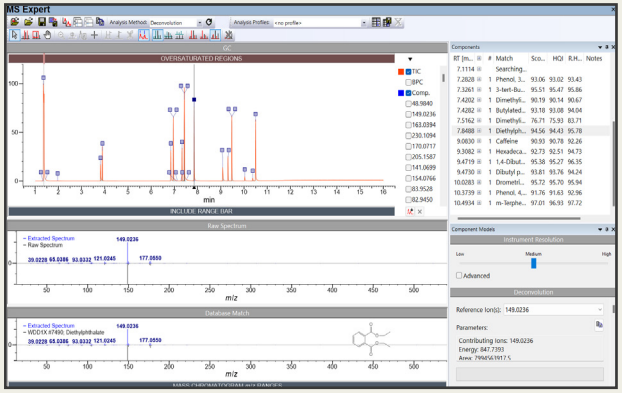
Simply load a spectrum and click on a peak of interest to see all the possible functional groups.



KnowItAll software tools

GC Expert – Automated GC-MS analysis

Combines GC-MS deconvolution with automatic reference database search to analyze components.

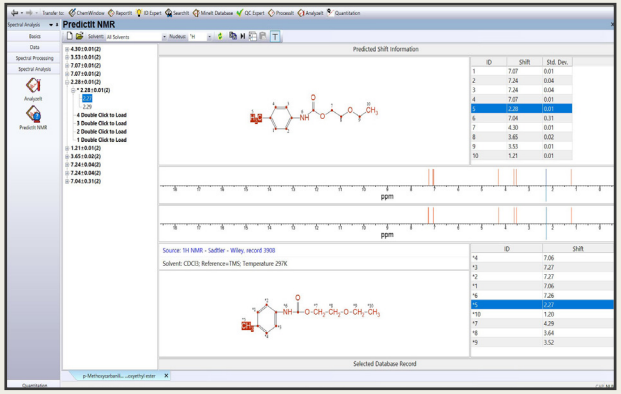


LC Expert – Automated LC-MS/MS analysis

Perform automatic non-targeted LC-MS/MS analysis and targeted accurate mass identifications.

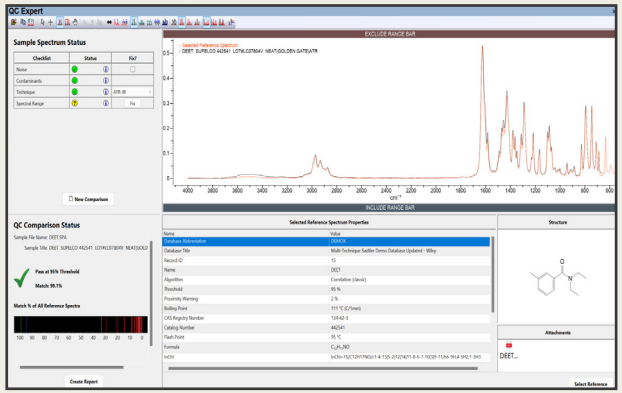
PredictIt NMR – Chemical shift prediction

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



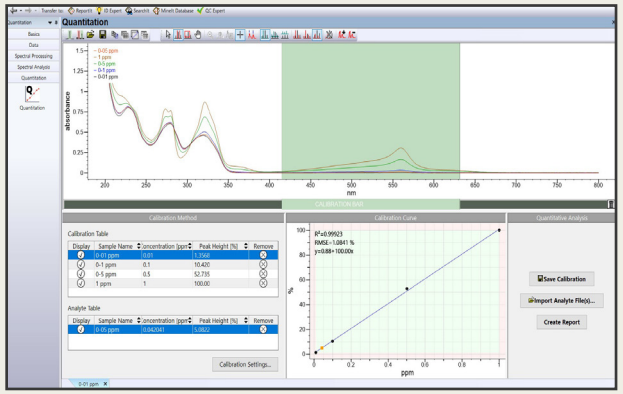
QC Expert – IR, Raman, chromatogram QC comparison

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



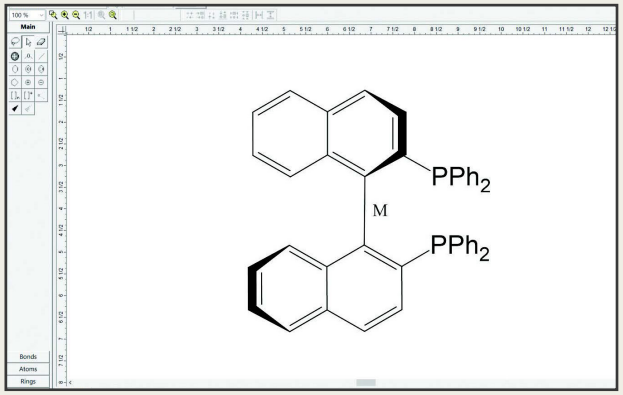
Quantitation – Quantitative analysis tool

Integrated tool to simplify your internal and external analytical workflow for GC-MS, IR, Raman, UV-Vis, and GC.



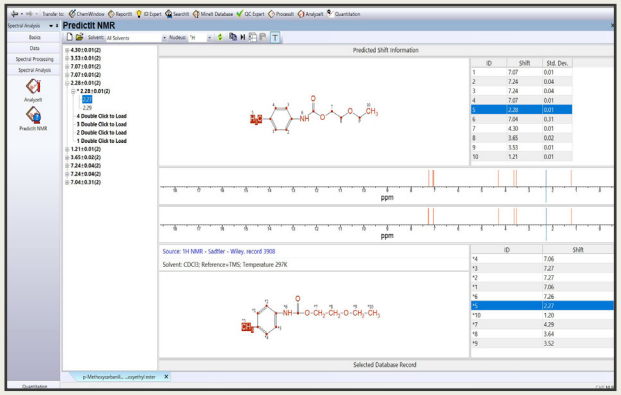
KnowItAll software tools

ChemWindow structure drawing & reporting tools



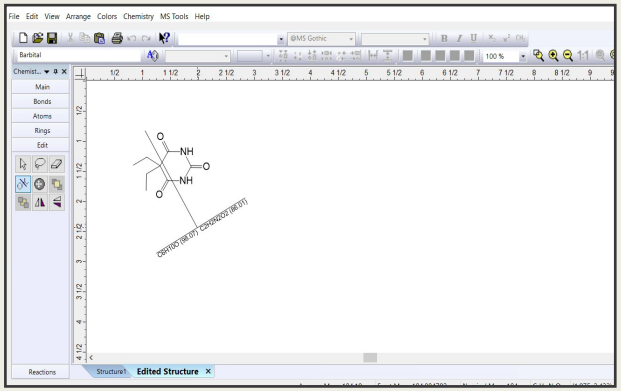
ChemWindow – 2D structure drawing

Simply click and drag to draw any chemical structure; includes advanced stereochemical recognition.



ReportIt – Reporting & publishing tool

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

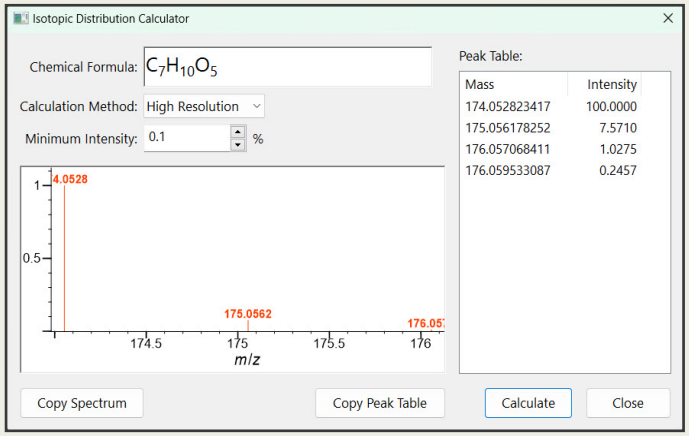


Mass fragmentation tool

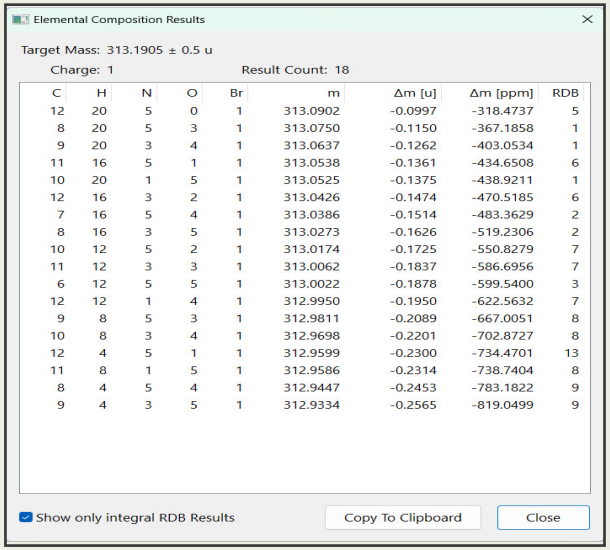
Predict the m/z value for mass fragments in MS from a structure.

KnowItAll software tools

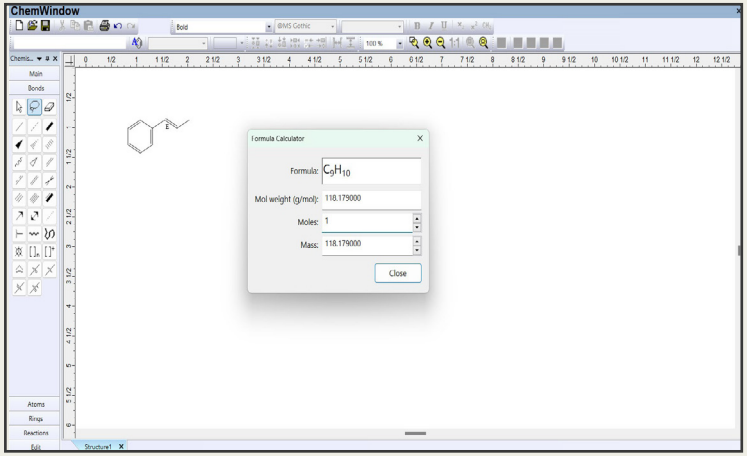
Chemistry calculators



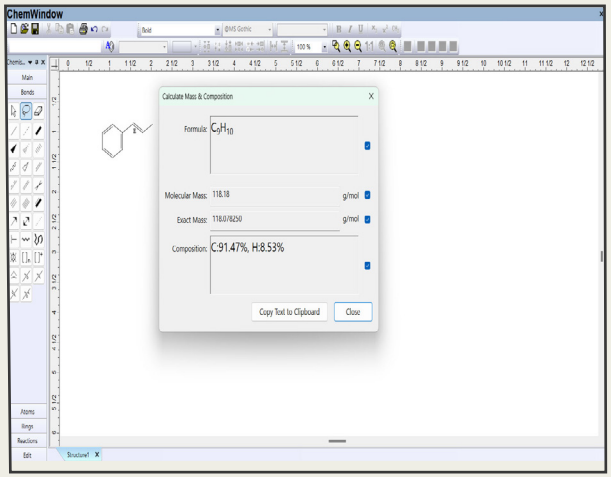
Isotopic distribution tool



Elemental composition calculator



Mass to mole conversion



Calculate mass from structure

KnowItAll spectral libraries

Wiley is the authoritative source for spectral data. A complete campus-wide subscription provides access to millions of spectra from 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.

Trusted data for results you can rely on.

Broad range of coverage spanning a wide range of applications.

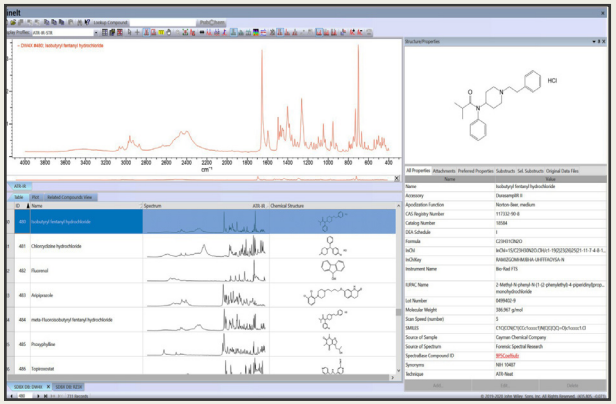
Access hundreds of databases.

Strongly recommended for laboratories or advanced classes.

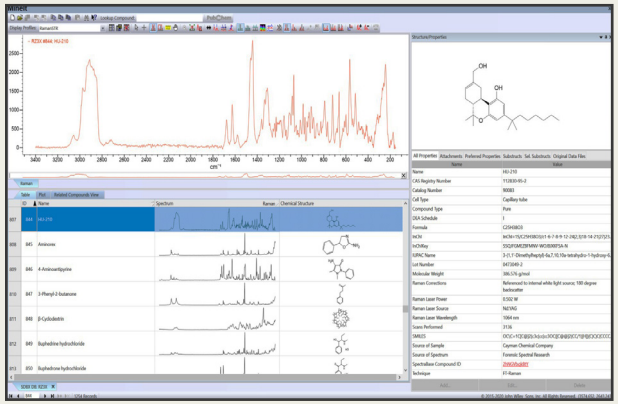
KnowItAll spectral libraries

Explore our collections*:

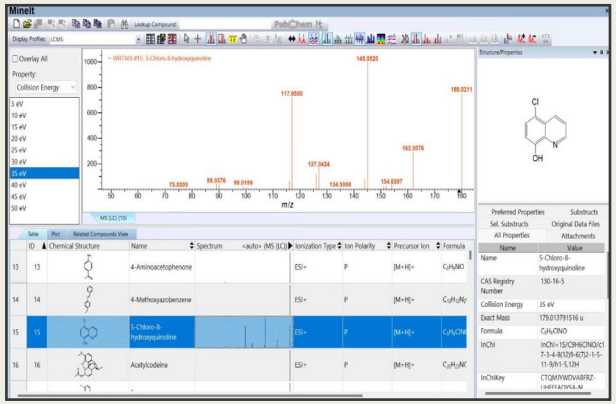
KnowItAll IR Spectral Database Collection



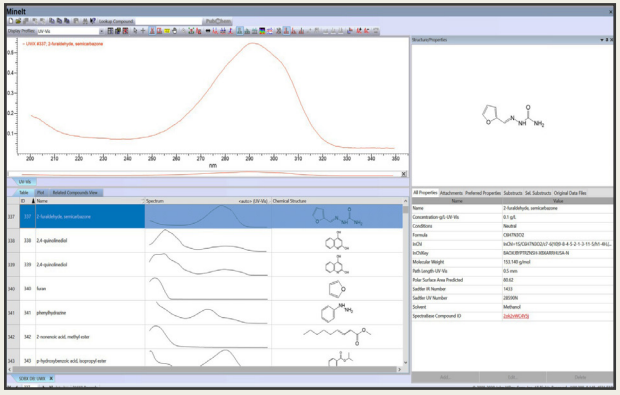
KnowItAll Raman Spectral Database Collection



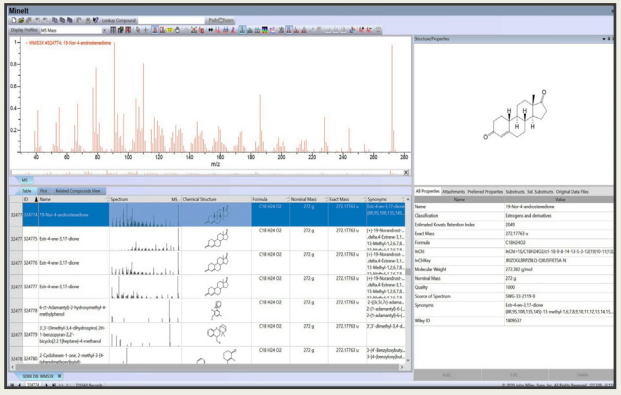
KnowItAll LC-MS Database Collection



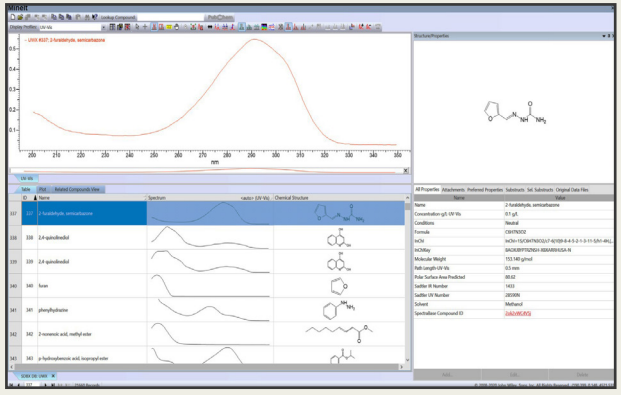
KnowItAll NMR Spectral Database Collection



KnowItAll GC-MS Database Collection



KnowItAll UV-Vis Spectral Database Collection



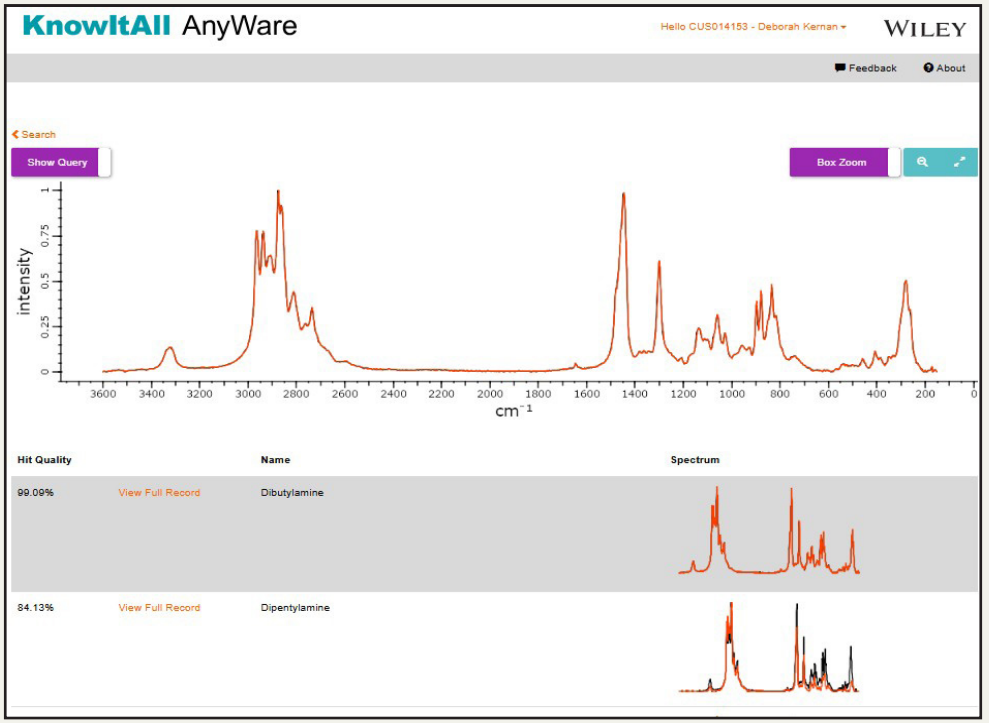
*Campus-Wide Solutions do not include access to stand-alone third-party databases licensed separately.

KnowItAll AnyWare

Spectral analysis. Zero setup. Search from anywhere.

- Browser-based—no installation needed.
- Login with campus email from any device.
- Search millions of spectra across IR, NMR, MS, Raman & UV-Vis.
- Hit quality score and spectrum overlay make identification fast and clear.
- Simple for students, powerful for researchers.

Included with full-access spectral data license



GET QUOTE

CONTACT US

sciencesolutions.wiley.com

WILEY

REV 2026-03-25