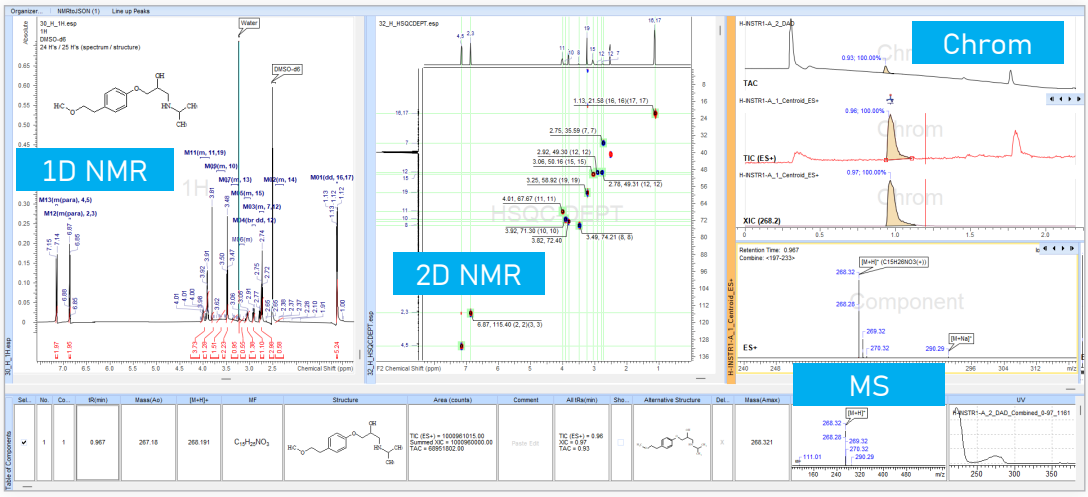
# One Application for All Your Analytical Chemistry Data

## Spectrus Processor

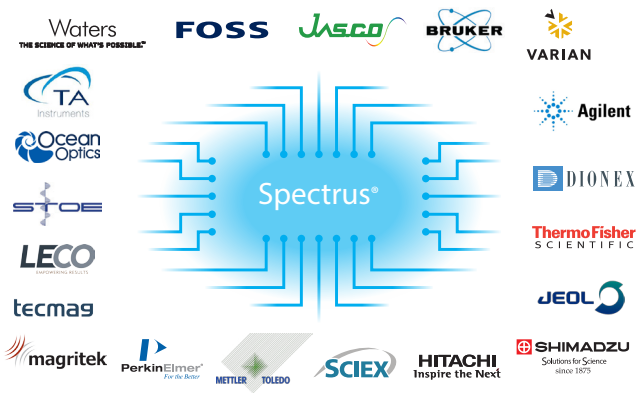
### Process, analyze, interpret, and report NMR, LC/MS, IR data, and more

You want answers from analytical experiments to make decisions. Spectrus Processor will help you do that faster and with added confidence.

- ✓ Process NMR, LC/MS, GC/MS, HPLC, IR, Raman, DSC, TGA data, and more
- ✓ Interpret data quicky and efficiently with the assistance of built-in tools
- ✓ Assemble results from multiple experiments in one dashboard for faster decisions
- ✓ Report results and easily create publication-ready data




## Process All Your Data




Import data from >150 instrument vendor formats. Then, master just one software interface for all your analytical data processing and analysis, away from instrument software.

Spectrus Processor offers all the tools you are used to with instrument software (peak picking/ detection, baseline correction, integration, etc.) with consistency in data processing no matter the instrument it was gathered on.

## Who is Using Spectrus Processor?

Synthetic chemists who want to process, re-process, and analyze data away from the instrument.

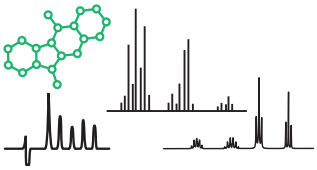


Analytical chemists who run a variety of experiments and want to consolidate processing and interpretation in one interface.

ACD/Labs®

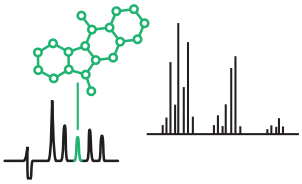
# How Spectrus Processor Helps You Interpret Data & Confirm Structures Faster

## Seamless Structure Integration



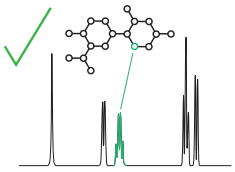
Connect (bio)chemical structures to data for intuitive analysis. Assign full structure, structure fragments, Markush structures, or atoms with spectra and chromatograms.

## Simplified LC/UV/MS Data Interpretation



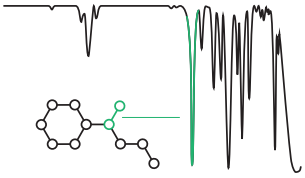
Attach a chemical structure to a chromatographic peak to visually evaluate consistency of mono-isotopic and isotope peaks in extracted mass spectra.

## One-Click Structure Verification by NMR



Make peak/atom assignments and get real-time feedback on match quality.

## Built-in Databases for IR & Raman



Verify the presence of functional groups using the knowledgebase of spectrum-structure correlations.

## Report your Interpretations

Combine all the relevant information from analytical experiments—including spectra, chromatograms, structures, and tabulated data—into a multi-technique report.

No more fussy formatting for peer-reviewed publications. Report data directly in the required format.

$^{1}$H NMR (DMSO-$d_6$, 400 MHz) δ 9.17 (s, 1H), 8.93 (s, 1H), 8.86 (s, 1H), 8.81 (s, 1H), 6.70 (d, 1H, *J*=2.1 Hz), 6.6-6.7 (m, 1H), 6.57 (dd, 1H, *J*=2.1, 8.2 Hz), 5.87 (d, 1H, *J*=2.1 Hz), 5.66 (d, 1H, *J*=2.3 Hz), 4.86 (d, 1H, *J*=5.3 Hz), 4.46 (d, 1H, *J*=7.6 Hz), 3.79 (tt, 1H, *J*=5.4, 7.7 Hz), 2.63 (dd, 1H, *J*=5.3, 16.1 Hz), 2.33 (dd, 1H, *J*=8.1, 16.0 Hz)

Generate NMR multiplet reports with a single click.



> Spectrus Processor is a really powerful tool for processing NMR, MS, IR, and chromatographic data...one of its major strengths is that it is independent of the instrument manufacturer.
>
> Rainer Ebel, **University of Aberdeen**

> The ability to review data from multiple techniques in a single environment has been most beneficial for us. The interface is user friendly and the transition from our previous combinations of software was exceptionally smooth.
>
> Karen Yuen, **OTI Lumionics Inc.**

Learn more www.acdlabs.com/SpectrusProcessor

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