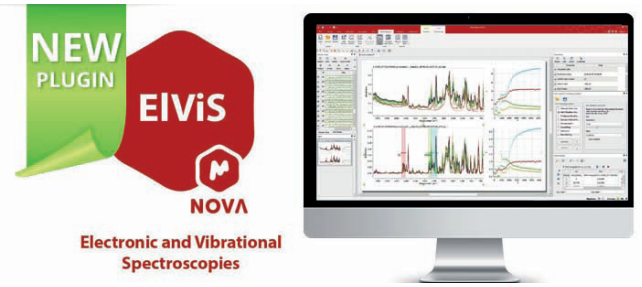
Mestrelab Research
chemistry software solutions

THE POWER OF 14 PLUGINS!

NOVA v.14

NMR | NMR Predict | DB | Binding | Phys Chem
MS | Verify | RM | Structure Elucidation | IUPAC Name
ElViS | qNMR | SMA | Screen
NEW!



Mnova ElViS (Electronic and Vibrational Spectroscopies)

Mnova ElViS, our plugin for Electronic and Vibrational Spectroscopies, has been designed to process and analyze various forms of optical spectroscopy data, including UV/Vis, NIR/MIR, Raman, Fluorescence and others.

Mnova Screen

- Improved information architecture: Implementation of Data Master File, with all data input for one experiment now automatically "linked", avoiding mistakes or information loss
- Use reference libraries directly from - Mnova DB or Bruker FBS (Fragment Based Screening)
- Redesigned interfaces for Data input and Results Editor
- Add metadata to an experiment to record experimental conditions
- Advanced support for Bruker's FBS information
- Improved algorithms for hit detection and specifity

Mnova 14 comes with a lot of new features!

- ✓ Compliance tools: Digital Signatures & Audit trail
- ✓ A new Ensemble NMR Prediction
- ✓ 2D multiplets assigments tools
- ✓ 2D NMR Resolution Booster
- ✓ Customize NMR data import
- ✓ Improved NMR stack plots
- ✓ Advised Processing tool, NMReData & NMR VOI compression
- ✓ New peak search interface to filter by peak types and flags in Mnova DB
- ✓ Several new features on Mnova MS such as Charge State Deconvolution tool

(주)비케이인스트루먼트
www.bkinstruments.co.kr E - MAIL. marketing@bkinstruments.co.kr Tel. +82-42-487-8240

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What's new?

We have added a new module, Mnova ElViS, for Electronic and Vibrational Spectroscopies, as we continue to add new analytical data that can be read, processed, archived and reported using Mnova. For those working on regulated markets and having to comply with 21 CFR Part 11 or GxP rules, Mnova 14 includes brand new Audit Trail and Digital signatures features.

BASIC — NMR
NMR processing, analysis, simulation and reporting at your fingertips.

BASIC — MS
Processing & analyzing LC/GC/MS data made simple.

NEW! — ElViS
Electronic and Vibrational Spectroscopies
Our plugin to process and analyze various forms of optical spectroscopy data.

ADVANCED — RM
Simple, facilitated extraction of spectroscopic and chemical kinetic concentration data.

ADVANCED — SMA
An open architecture to analyze mixtures by NMR.

ADVANCED — DB
A new concept for the shared storage of molecules, NMR and LC/GC/MS analytical data & other Mnova objects.

ADVANCED — NMR PREDICT
Prediction of NMR spectra from molecular structure; allows auto-assignments if combined with Mnova NMR.

ADVANCED — qNMR
Assisted NMR quantitation! Concentration or purity determinations.

ADVANCED — Verify
Automatic Structure Verification that really works.

ADVANCED — Screen
A state-of-the-art automatic analysis tool for ligand screening NMR data.

ADVANCED — Phys Chem
State-of-the-art algorithms for the prediction of physico-chemical properties.

ADVANCED — Structure Elucidation
From NMR data to structure elucidation in a simple and robust workflow.

ADVANCED — Binding
Chemical shift perturbation analysis for fragment-based drug discovery.

ADVANCED — IUPAC Name
IUPAC names can be generated for drawn structures in Mnova 12 properties.

Mnova Suite

This is the **ideal entry package for users who want to process and visualize their data in a single software tool**, whether this is NMR or MSChrom. With this package you will be able to open, view, process, analyze, report and predict NMR and MSChrom data, from multiple vendors.

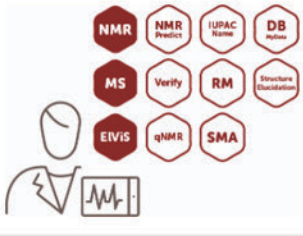
NMR + MSChrom + ElViS + NMRPredict

Mnova Suite Chemist

This combo is **designed for synthetic chemists**. It has all the processing and visualization power of Mnova Suite as well as the tools to automatically confirm your structure, and obtain the purity or concentration for your compounds of interest.

NMR + MSChrom + ElViS + NMRPredict + Verify + qNMR + IUPAC Name

Mnova Suite Expert



The most complete package developed by Mestrelab in the Mnova environment, designed **for experts analytical chemists**. You can do everything, plus take advantage of databasing, assisted de novo structure elucidation, follow reactions, extract kinetics and much more!

NMR + MSChrom + ElViS + NMRPredict + Verify + qNMR + DB MyData + RM + SMA + IUPAC Name + Structure Elucidation