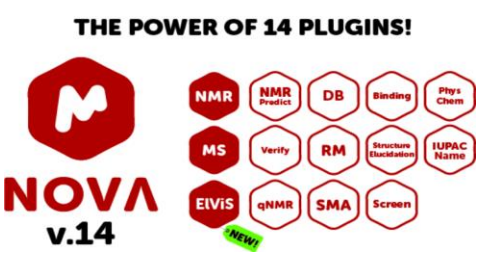




## Mnova Plugins

**Mnova NMR**

Mnova NMR processes your data (1H, 13C or any other 1D NMR as well as any 2D correlations, such as HSQC, HMBC, NOESY, COSY, TOCSY, DEPTs, etc.) fully automatically, whilst preserving the raw data in the background to allow more detailed processing for the expert user, with a wealth of advanced functions.

**Mnova MS**

Processing, analyzing and reporting LC/GC/MS data from various instruments that emphasizes minimalism, simplicity.

**MNOVA NMR Predict (NMRP)**

Accurate prediction of 1H and 13C NMR spectra from a chemical structure. Prediction of other nuclides is also available.

**MNOVA Verify**

The aim of Mnova Verify is to evaluate analytical data and to make a judgment as to whether it is compatible with the structure proposed by the user.

**MNOVA qNMR**

Simple, assisted NMR quantitation – however you prefer. Concentration or purity determination for everything from the specialist to automatic operation.

**MNOVA DB**

An effective, fully integrated, multiplatform environment for the storage, indexing and searching of analytical chemistry data (NMR, LC/GC/MS and molecular structures).

**MNOVA RM**

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

**MNOVA Screen**

Mnova Screen is a state of the art automatic analysis tool for ligand screening NMR data. It offers flexibility for the analysis and reporting of results.

**MNOVA SMA**

SMA is an open architecture to analyze simple mixtures by NMR. Empirically-derived relationships based on region integrals and fully customized reporting are at the heart of the procedure.

**Mnova StereoFitter: (NEW)**

Predicts and/or analyse NMR properties(NOE, 3J, RDCs, chemical shift…).Takes a set of experimental data and perform a least squares fitting of conformational amplitudes. Selects the simplest model which explains your data.

**Mnova CASE: (NEW)** (From NMR data to structure elucidation)

From Molecular Formula and NMR data to structure in a semi-automatic fashion. Easy and intuitive workflow. Using COCON is used as the structure generation engine. Rank structures based on 13C RMSD.

**Mnova Binding: (NEW)**

Mnova Binding is a powerful tool that automatically, processes 2D HSQC type of protein-ligand titration spectra, tracks the peak movement, and computes the Kd's for multiple peaks. Mnova Binding can process data of multiple titration series for the same target protein in batch mode.

**Mnova ElViS: (NEW)**

Designed to visualize, process, analyze and report various electronic and vibrational spectroscopic techniques like ultraviolet and visible (UV/Vis), near and mid infrared (NIR/MIR), Raman, fluorescence etc.

## PRODUCT CONTENTS

| MNOVA NMR | MNOVA SUITE | MNOVA SUITE CHEMIST | MNOVA SUITE EXPERT | |
|---|---|---|---|---|
| MNOVA NMR | MNOVA NMR | MNOVA NMR | MNOVA NMR | MNOVA DB |
| | MNOVA MS | MNOVA MS | MNOVA MS | MNOVA RM |
| | MNOVA ELVIS | MNOVA ELVIS | MNOVA ELVIS | MNOVA SMA |
| | MNOVA PREDICT | MNOVA PREDICT | MNOVA PREDICT | MNOVA CASE |
| | | MNOVA VERIFY | MNOVA VERIFY | |
| | | MNOVA qNMR | MNOVA qNMR | |
| | | MNOVA IUPAC | MNOVA IUPAC | |


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THE POWER OF 14 PLUGINS!

NOVA v.14

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

NOVA 14

NEW PLUGIN ElViS NOVA

Electronic and Vibrational Spectroscopies

## TOP 14 FEATURES IN MNOVA 14

- NEW PRODUCT! **Mnova ElViS**, our plugin for Electronic and Vibrational Spectroscopies.
- NEW TOOL! **Digital signatures**: To create identities & sign documents with them.
- NEW TOOL! **Audit trail**: To track and report any processing operation carried out on your Mnova document.
- **A new Ensemble NMR Prediction** that uses several prediction algorithms.
- **2D NMR Resolution Booster**: A new algorithm for the resolution enhancement of 2D NMR spectra.
- **New features for Mnova MS:** Labels can be added to mass spectrum peaks and annotation objects have been improved in MS plots.
- **Customizing NMR data import:** Powerful new feature to customize how data is imported, such as selecting raw or processed data.
- NEW VERSION! **Mnova Screen v1.3**.
- **Improved stacked plots.**
- **Mnova NMR – Advised Processing tool:** The most sensible processing options for most 1D and 2D NMR spectra.
- **Mnova NMR – NMReData:** Export NMR information following the new NMReData standard format.
- **Mnova NMR – NMR VOI compression:** A new algorithm for the efficient VOI compression of NMR spectra.
- **Mnova DB** can now handle Electronic and Vibrational Spectroscopies data (Mnova ElViS) and search by curve/profile similarity.
- **2D NMR assignments** can be made to 2D multiplets and selected multiplets are highlighted by hovering over the spectrum.

Mnova 14.0.0 | Mnova 14.0.0 | Mnova 14.0.0

SYSTEM REQUIREMENTS

**Minimum system requirements**

Windows Vista or higher. We recommended Windows 7 or higher
(Windows XP is not supported anymore)
OS X 10.7 Lion or higher.
Pentium 300 MHz, 128MB RAM, Video Adapter Super VGA (800 x 600) with X11, OpenSSL and OpenGL libraries.

**Additional Software:**

If you do not have system administrator permissions please:
– Download our per user installer (32-bits)
– Download our per user installer (64-bits)
Choose your distro and make sure you also download and install our sign key.

## Customers

Unilever | Cambridge University | University of Oxford | Vernalis | Shepherd | Harvard University | Princeton University | Roche

SCUBE™

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