



Agilent InfinityLab LC/MSD Series

**ACHIEVE HIGH
MASS ACCURACY
ECONOMICALLY**



ELEMENTAL COMPOSITION DETERMINATION WITH MASSWORKS SOFTWARE

Affordable and easy to use tool for unknown formula identification

- Increased mass accuracy by up to 100x
- Simple calibration setup
- Easy to install and use

Elemental composition determination

It is now possible to achieve high mass accuracy on an Agilent InfinityLab MSD Series using Cerno

Bioscience MassWorks' novel MS calibration technology. Accurate mass molecular formula generation just became significantly more affordable for pharmaceutical, chemical, consumer product, food safety, and organic synthesis laboratories!

Enable accurate mass compound identification

MassWorks combines an innovative peak shape calibration and m/z assignment algorithm with the stability and robustness of the

Agilent InfinityLab LC/MSD to deliver a uniquely powerful, easy to use data analysis tool.

- Simple calibration process using the Agilent tune solution
- Increased mass accuracy by up to 100x
- Up to +99% spectral accuracy for high-confidence compound ID
- A cost-effective and easy-to-use solution for elemental compositions of pure compounds using nominal mass data.

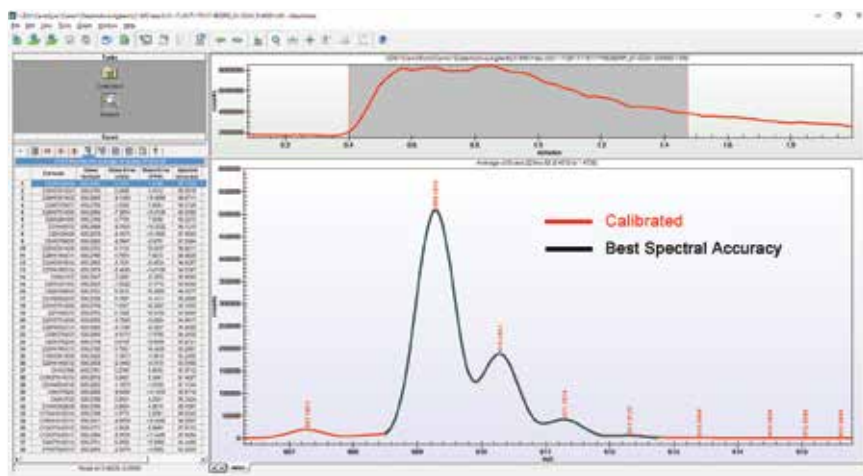
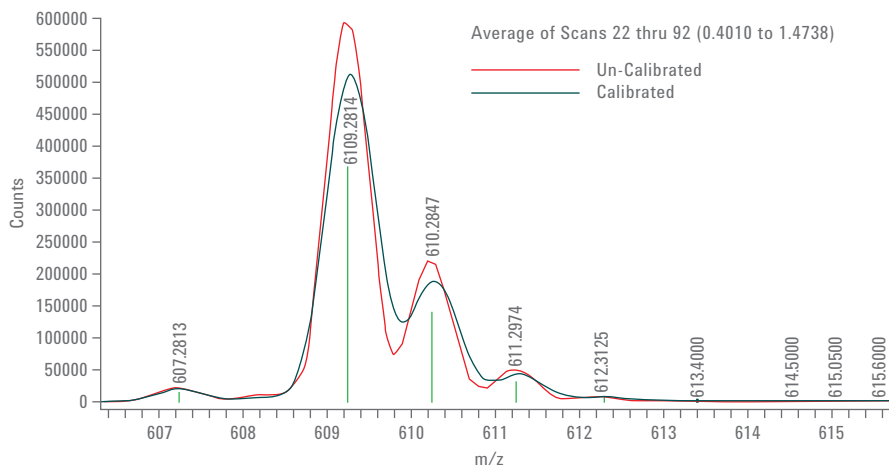


ENABLING FORMULA ID—COST EFFECTIVELY

Accurate mass analysis that works seamlessly with your Agilent InfinityLab LC/MSD Series

Use the Agilent tune solution to acquire the raw scan or profile mode data required to build the MassWorks calibration. The calibration data is then used to assign appropriate accurate masses to the molecular (or any fragment) ions of unknown compounds. The excellent stability of the Agilent InfinityLab LC/MSD Series allows for accurate calibration over more than one day of operation as measured by independent laboratories.

- MassWorks can be launched after the data acquisition is completed by OpenLAB CDS ChemStation Edition
- MassWorks predefined calibration templates allow for quick and easy calibrations and ensure confidence with its unique use of spectral accuracy



MassWorks' patented calibration technology dramatically improves both mass accuracy and spectral accuracy. In combination this provides confident unknown formula identification by using both accurate mass and exact isotope modeling.

Learn more

www.agilent.com/chem/MassWorks

For technical and application support,
provided by Cerno Bioscience, visit:

www.cernobioscience.com

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