 Advances in Agilent MassHunter BioConfirm

BioConfirm software provides the industry’s most complete solution for characterization of biopharmaceuticals, such as monoclonal antibodies, with accurate mass LC/MS and LC/MS/MS data. But most importantly, BioConfirm is easy to learn and easy to use, giving you time to focus on your work rather than learning how to use software.

Easier, Faster and More Efficient Data Processing

Characterization of both intact proteins and protein digests using best-in-class tools

• Easy batch view quickly shows the samples that need review
• Direct assignment of peptide MS/MS spectra product ions for rapid peptide sequence confirmation
• Easy identification of post translational modifications (PTMs), through integration of Agilent databases let you search for a greater number of diverse PTMs in protein sequences
• Fast disulfide bond mapping that provides quality scores for confidence in the results
• Drug to Antibody Ratio calculator with intuitive peak integration and dedicated reporting

Visual comparison of chromatograms, MS and MS/MS spectra of two batches of proteins.
BioConfirm B.08.00 Features

- Quickly set up analyses using workflows, then get confirmation results as red, yellow, or green flags
- Never miss proteins or their modifications with Automatic mass range detection
- Organize your sequences in one central database with the standalone Sequence Manager
- Rapidly characterize the disulfide bonds in a sample using disulfide bond mapping
- Accelerate ADC characterization and automatically obtain DAR values with the new DAR calculator

Mirror plots allow fast comparison of two samples. The differential plot (dotted line) tells you if biosimilars are the same or not.

BioConfirm Software’s DAR calculator allows users of all skill levels easy and intuitive calculation and reporting for both intact and reduced ADCs.