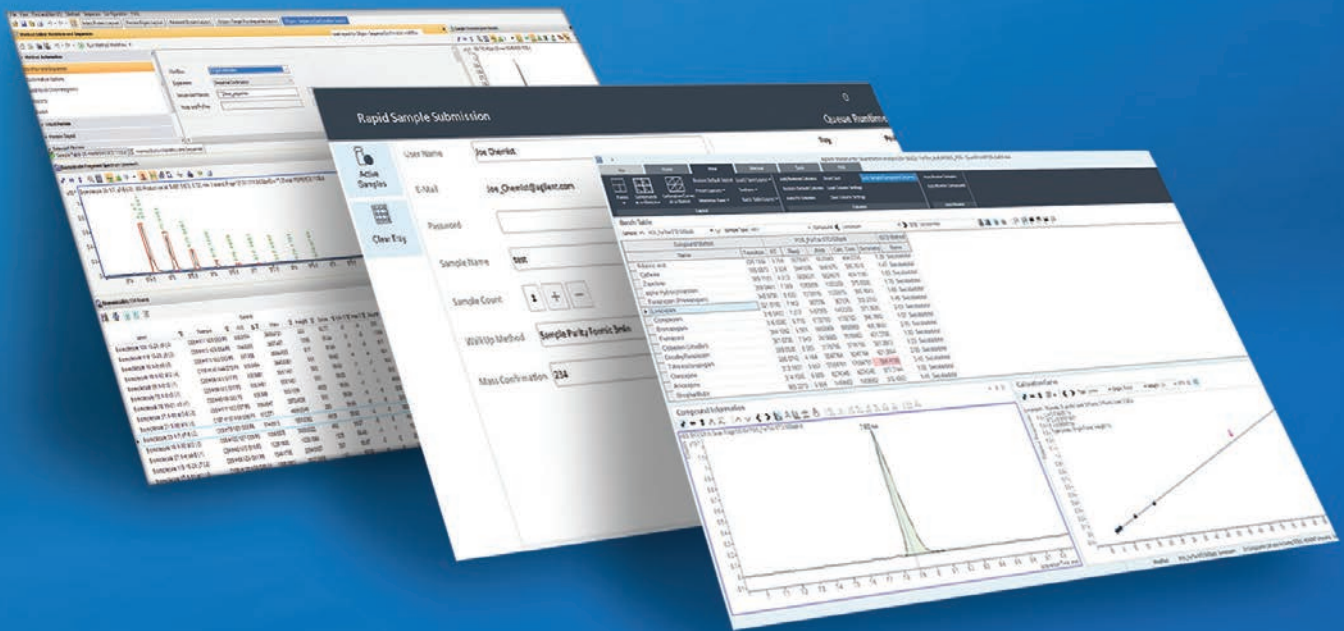


Maximize Throughput, Confident Results

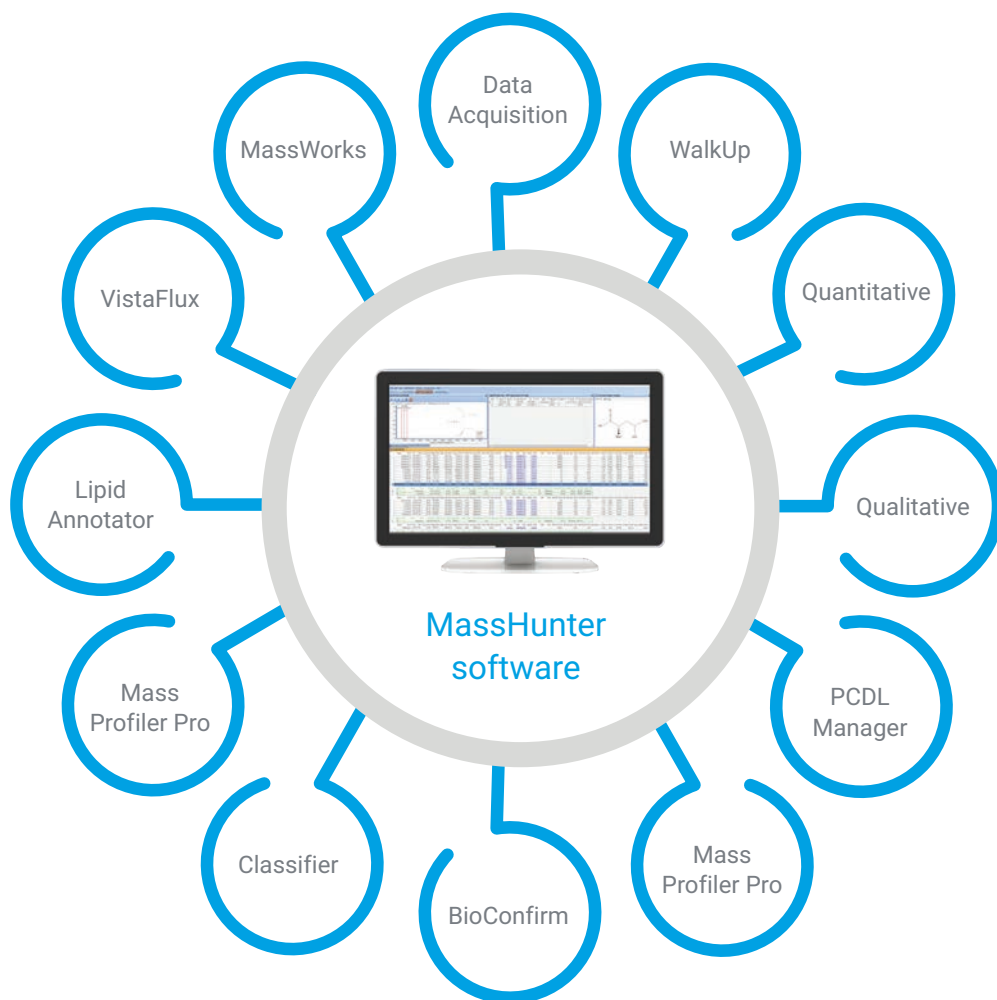
Agilent MassHunter software suite



Make Your MS Analysis Faster, Easier, and More Productive

Designed to solve your everyday struggles, Agilent MassHunter software provides customizable features and capabilities that support diverse applications.

Operators at all levels can use MassHunter software to drive confident results for your laboratories. This intuitive software suite for Agilent mass spectrometers features easy-to-use method templates as well as comprehensive curated databases and libraries.





Increase Your Lab Productivity

Minimize training requirements with standardized operating procedures for daily lab operations



Agilent 1290
Infinity II HPLC



Agilent
InfinityLab LC/MSD



Agilent 8890/5977B GC/MSD

Liquid Chromatography

Single Quad MS

Gas Chromatography

Triple Quad MS

High-Resolution MS



Agilent 6495 TQ LC/MS



Agilent 6230B TOF LC/MS



Agilent 6546 LC/Q-TOF



Agilent 7250 GC/Q-TOF

Simplify Data Acquisition

MassHunter Acquisition software makes LC and GC instrument control easier

Intuitive

Instrument and method setup are combined in one software.

Optimized

Autotune ensures reliable operation.

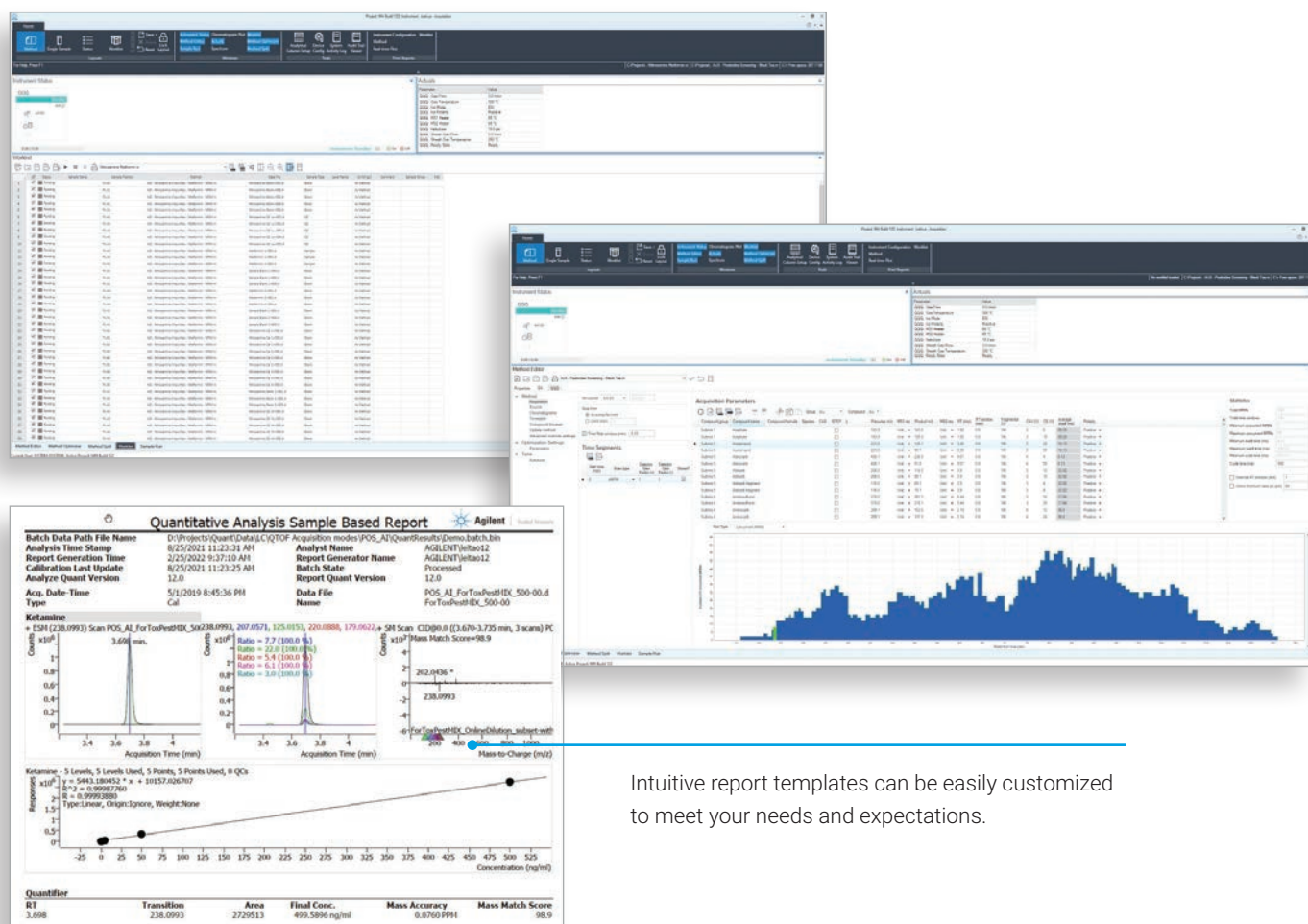
Automated

iReflex reinjection workflows maximizes productivity, confidence and throughput.

Trouble free

WalkUp keeps your workflow running smoothly and error free.

From method optimization to sample acquisition and final reporting, MassHunter gives you flexibility, and delivers accurate answers quickly.



Intuitive report templates can be easily customized to meet your needs and expectations.

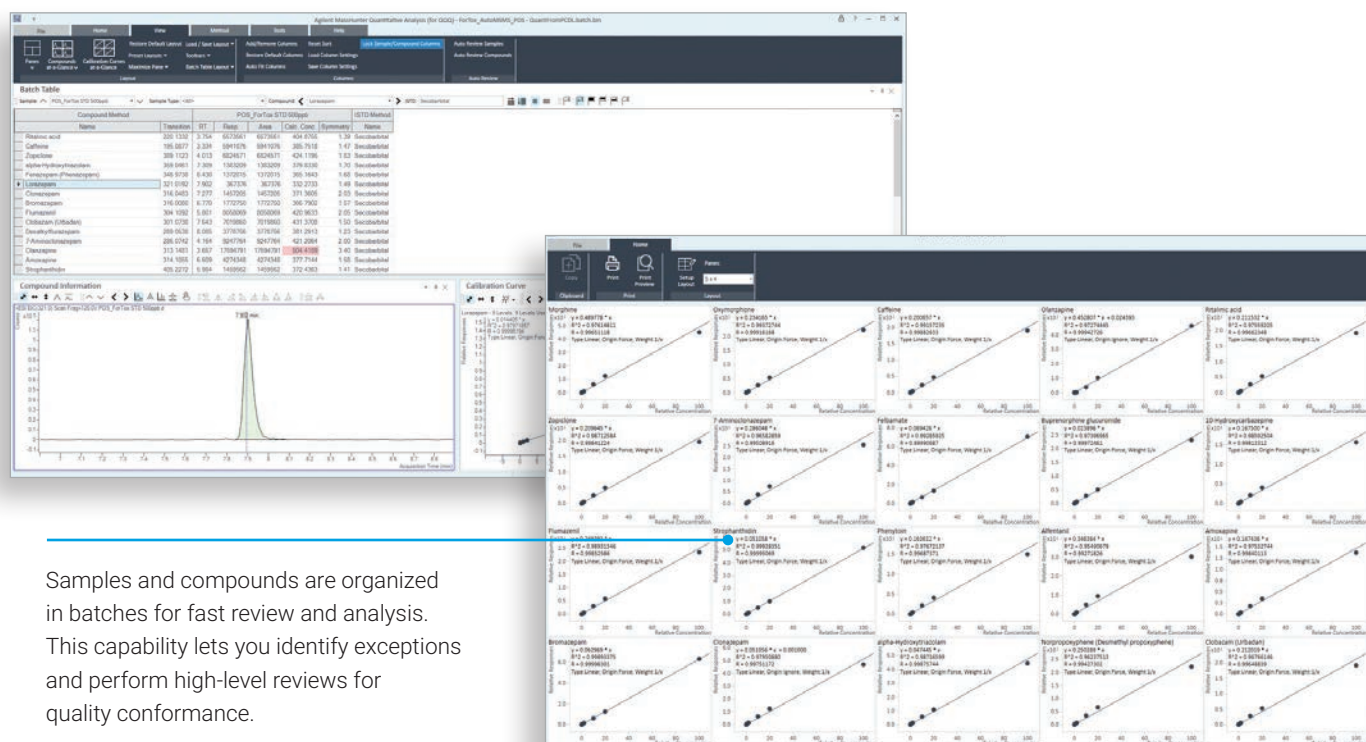
Quantitate Your Way

Industry-leading support for compound identification and quantitation

MassHunter software simplifies quantitation across all LC and GC quadrupole and high-resolution mass spectrometers, from small- to large-target lists. Features include:

- Built-in workflow templates
- Compliance-ready controls
- Rich data visualization
- Customizable data review panels

Easy and customizable data review gives flexibility to different users in the lab

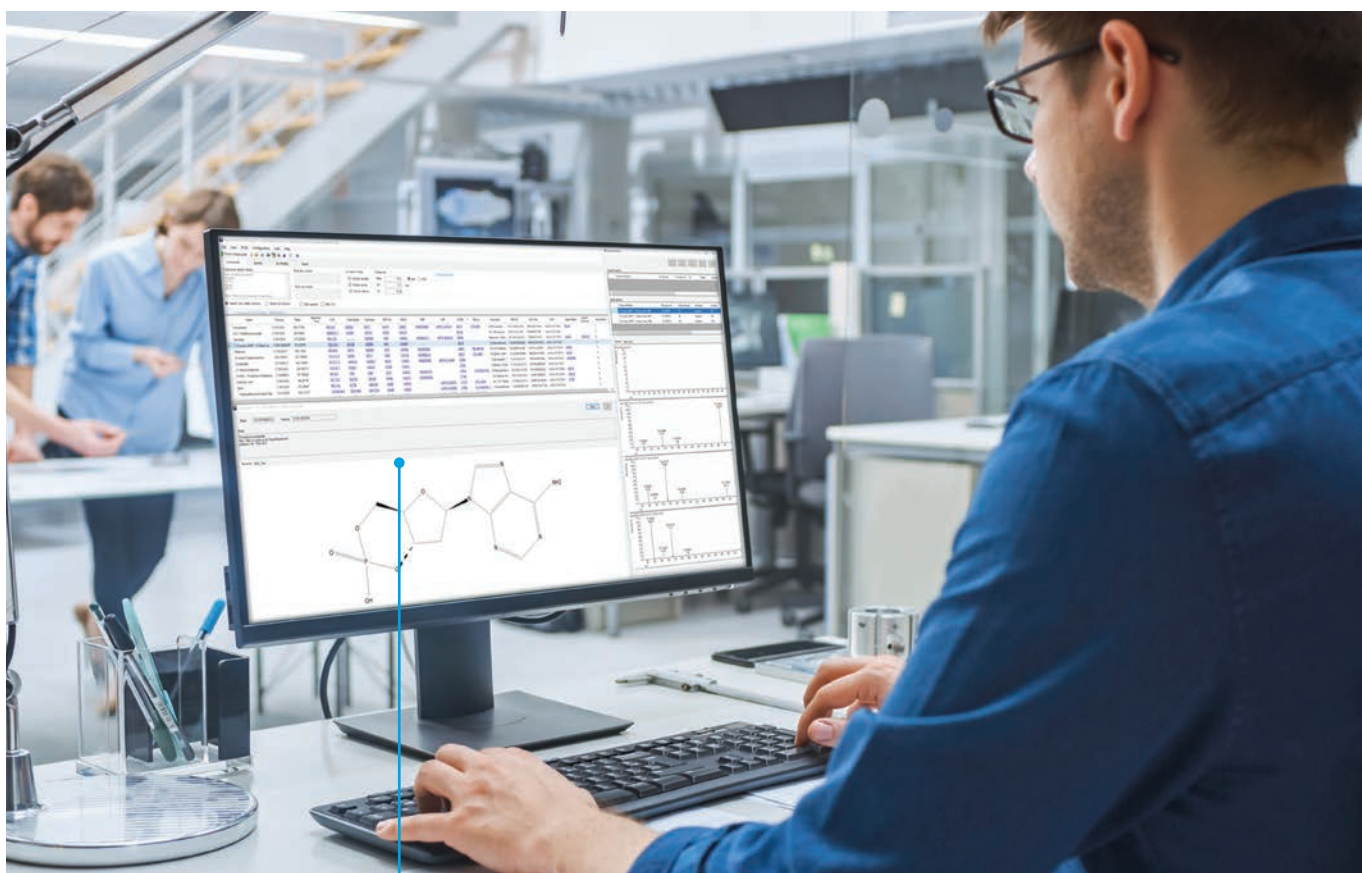


Samples and compounds are organized in batches for fast review and analysis. This capability lets you identify exceptions and perform high-level reviews for quality conformance.

Improve Confidence for Any Targeted Screening Assays

Easy method setup for all MS instruments and screening lists of any size

Easily manage large lists of targeted compounds using either Personal Compound Database and Library (PCDL) software MRM databases or an acquisition method. The PCDLs include all the important target compounds for accurate mass screening and identification.



MassHunter PCDL Manager can add compounds quickly and is searchable within MassHunter Quantitative, Qualitative and the integrated biology software.

Take a Giant Step Forward in Protein and Oligonucleotide Characterization

Agilent MassHunter BioConfirm software enables routine characterization through easy-to-use workflows for intact protein analysis, oligonucleotide characterization, peptide mapping, and routine glycan profiling.

- Confirm biomolecule sequences with confidence.
- Rapidly deconvolute intact biomolecule data and confirm peak purity and potential modifications.
- Analyze in a secure, auditable manner using technical controls such as roles, permissions, and audit trail.

BioConfirm intuitive windows gives you access to increased information to determine the correct identification of proteins and oligonucleotides

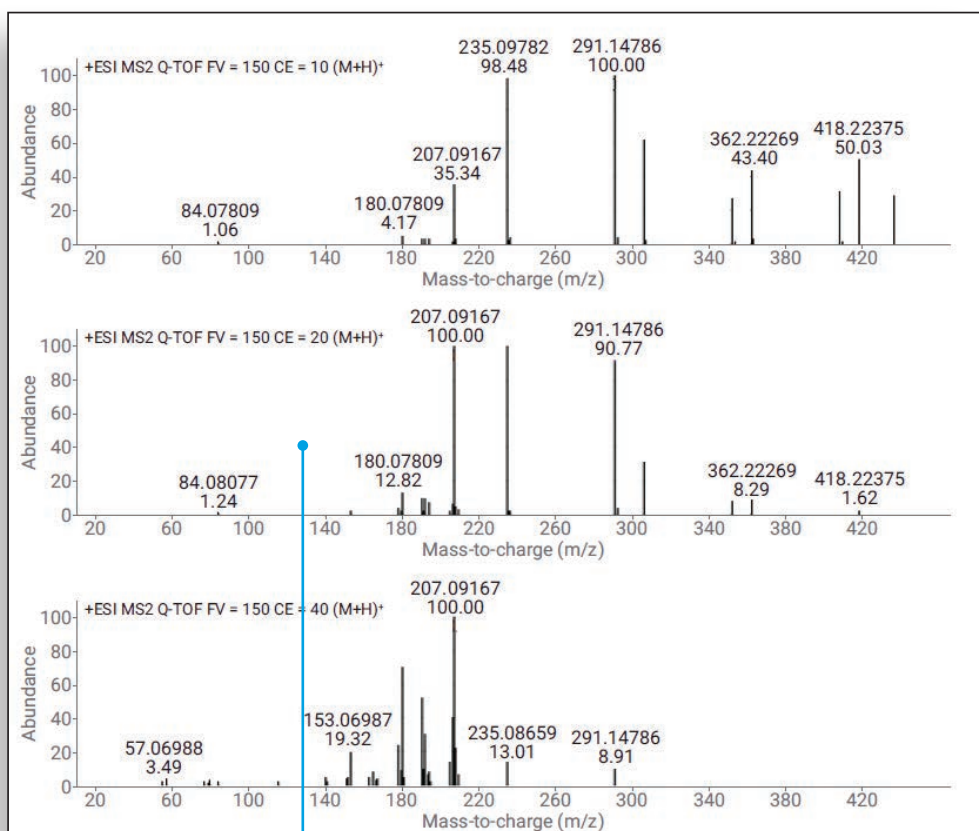
The screenshot displays the Agilent MassHunter BioConfirm software interface. The main window shows a 'Results' table with columns for Confirmation Status, File Name, Saved Results Method, Labeled Run Method, Workflow, Condition, Sequence, Mass, Modification, Enzyme, and Glycan Group. Below this, there are several windows:

- Biomolecule MS Spectrum:** A plot showing relative intensity versus mass-to-charge ratio (m/z) for Biomolecule 1 (A45-S2/C45-S2) NISTmb. The x-axis ranges from 200 to 1600 m/z, and the y-axis ranges from 0 to 5.0. Key peaks are labeled with their m/z values.
- Biomolecule Fragment Spectrum:** A plot showing relative intensity versus mass-to-charge ratio (m/z) for Biomolecule 1 (A45-S2/C45-S2) NISTmb. The x-axis ranges from 200 to 1600 m/z, and the y-axis ranges from 0 to 7.0. Key peaks are labeled with their m/z values.
- Sequence Coverage Map:** A plot showing sequence coverage for NISTmb (Protein Digest) (95.52%). The x-axis represents the sequence position, and the y-axis represents the relative intensity of the peaks.
- Biomolecules 481 found:** A table listing identified biomolecules with columns for Label, m/z, Mass, RT, Height, Area, Min 2, Max 2, File, MS, Seq Name, Seq Loc, Tgt, Seq Mass, DIF (to spec), and Score. The table contains 11 rows of data.

Reliably Measure High-Resolution Mass Spectrometry Data

High-resolution MS is a unique tool for confident screening and quantitation. MassHunter software lets you search for compounds using Personal Compound Databases and libraries (PCDLs).

- Confirm compound structure by instantly accessing accurate mass GC/MS and LC/MS/MS fragmentation in PCDLs.
- Expand your compound search capabilities by generating your own custom PCDL.
- Add retention times to your customized PCDL based on standards and/or retention times for the compounds that you analyze.



Using the spectral curation workflow you can identify your compounds, then send the fragment spectra to your customized PCDL. GC MS, GC MS/MS and LC MS/MS are supported.

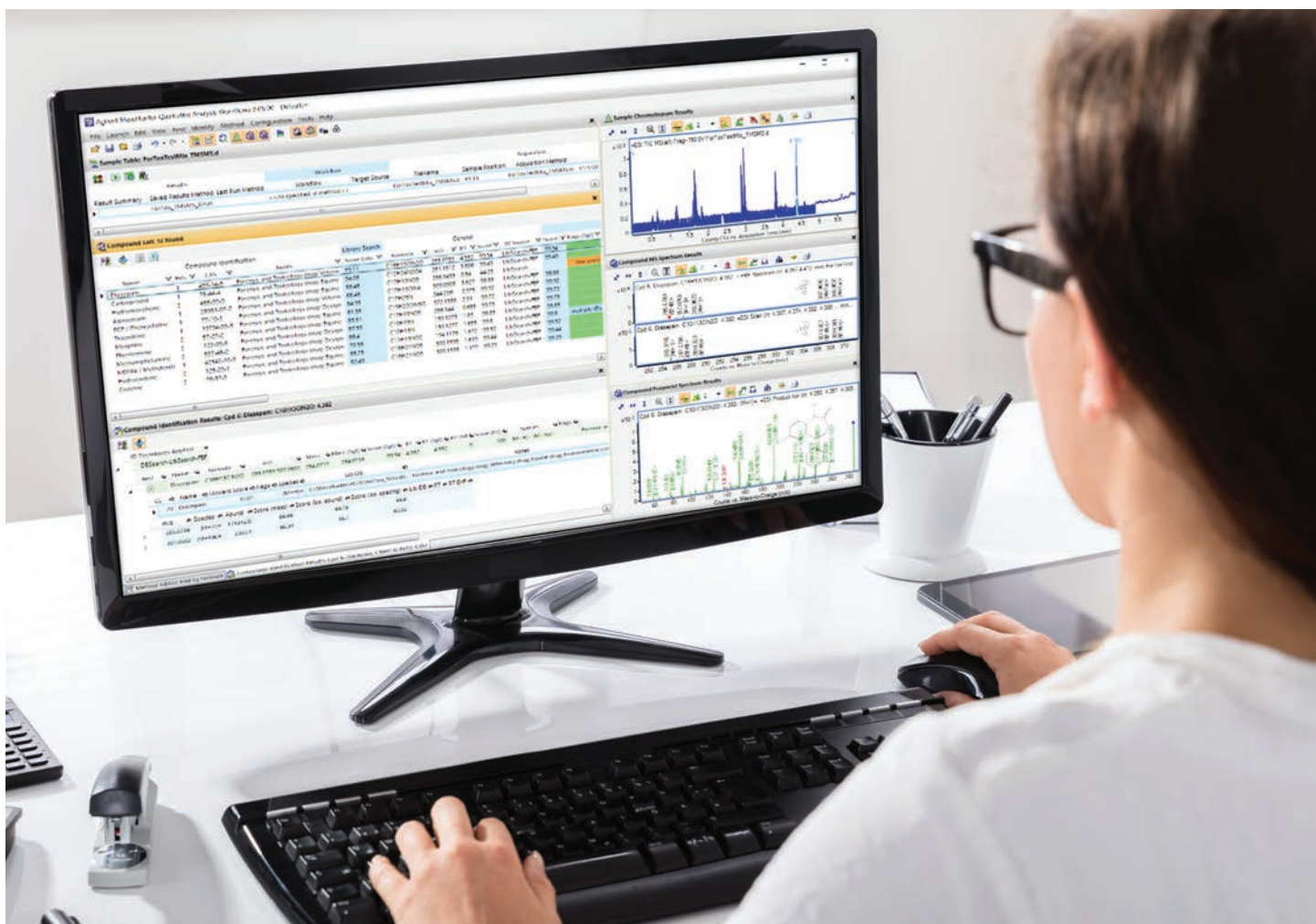
Explore Non-Target Compounds

With its built-in simplicity and usability, MassHunter Qualitative Analysis software supports your non-targeted workflows.

- Access accurate mass MS/MS fragmentation instantly for mass spectral confirmation.
- Search against curated PCDLs targeted to your application, your own customized PCDLs, or spectral libraries such as NIST.
- Easily send compound information to Molecular Structure Correlator or MassHunter Mass Profiler.
- Send spectra to your own custom library to expand searching capabilities and identify novel compounds.

Need expanded capabilities for 'omics analysis? Use these MassHunter Software options:

[Robust Mass Spectrometry Application Software, MassHunter](#)



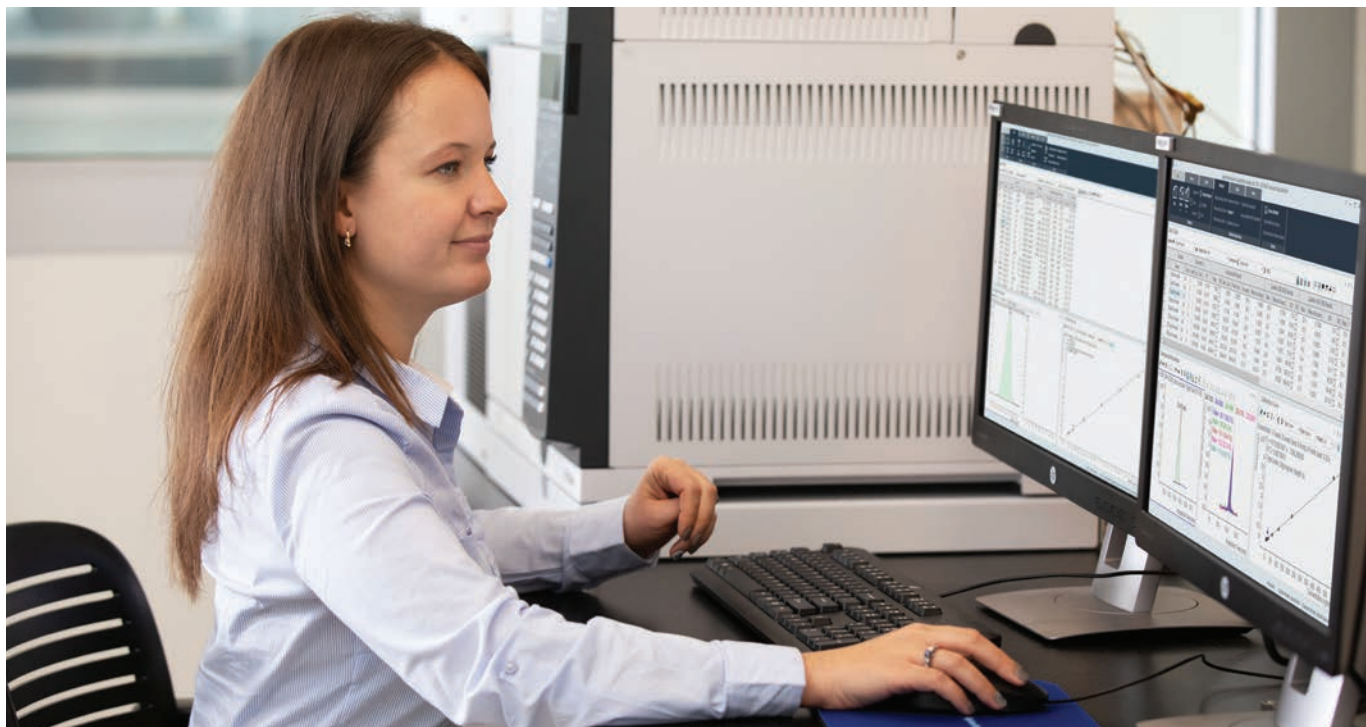


Customize the Reporting of Your Critical Results

MassHunter reporting templates can be customized to provide rich details about your analytes.

Report generation is a bottleneck for many routine labs, so the ability to create reports easily is critical. Customization and simplicity are built into MassHunter software—saving you time and resources while maximizing throughput.

Focus on Science and Reduce Your Regulatory Risk



MassHunter Networked Workstation is part of the Agilent integrated compliance software portfolio.

From instrument control to enterprise content management, Agilent recognizes the critical role that software plays in compliance. Partner with us to meet guidelines for electronic data management as defined in 21 CFR Part 11, EU Annex 11, and other regulations. Together, we can ensure data security, integrity, and traceability of your electronic records.



Labs are increasingly outsourcing their compliance tasks to save time and maximize efficiency. Agilent CrossLab compliance services—including operational and repair qualification—give you confidence that your equipment and processes conform.

www.agilent.com/chem/compliance-services

Agilent CrossLab: Supporting Your Success

CrossLab is an Agilent capability that integrates services and consumables to support workflow success, improve productivity, and enhance operational efficiency. Through CrossLab, Agilent strives to provide insight in every interaction to help you optimize the return you get on your instrument investment and achieve your business goals. Agilent CrossLab supports Agilent instruments and select non-Agilent instruments as well. We also provide consultative support for workflow enablement, lab analytics, regulatory compliance, inventory management, and asset management, including relocation services.

Learn more about CrossLab at www.agilent.com/crosslab



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