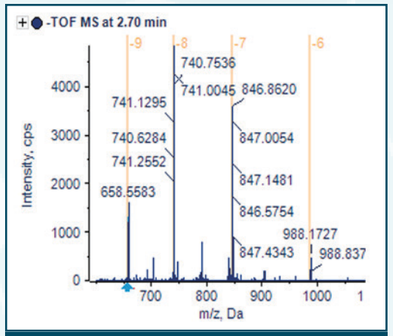
Molecule Profiler software

Achieve better insights on biotransformation and impurities

SCIEX
The Power of Precision

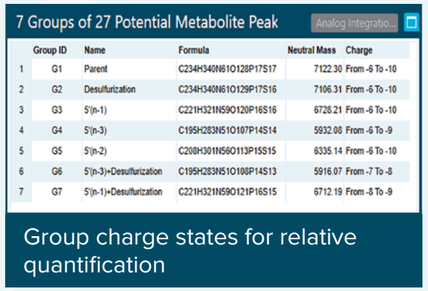
Accurate and flexible workflow

Molecule Profiler software delivers highly accurate and flexible workflows for determining impurities and biotransformations for a wide variety of therapeutic molecules.

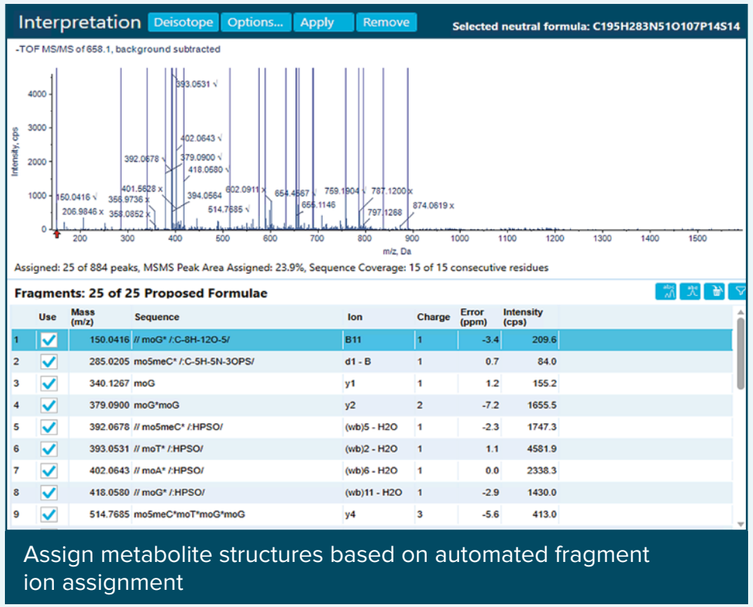


Acquire LC-HRMS/MS data

Identify potential metabolite based on TOF-MS



Group charge states for relative quantification

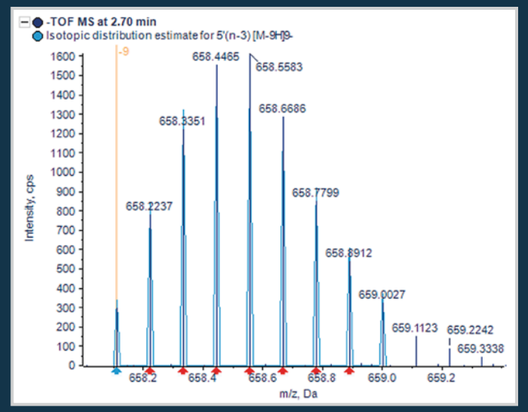


Assign metabolite structures based on automated fragment ion assignment

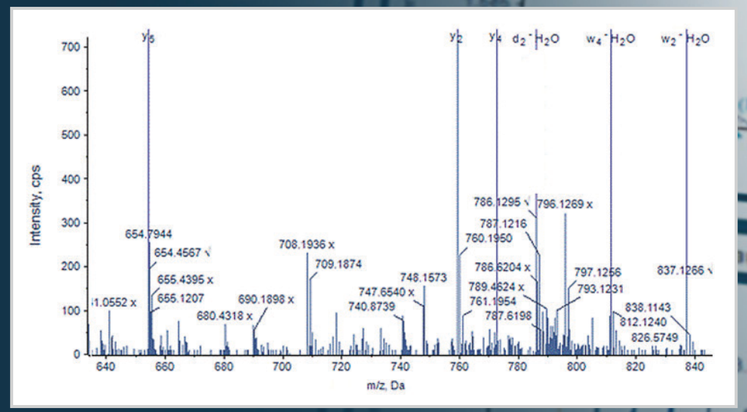
Confidence through MS/MS

Many impurities and biotransformations result in isoelemental species that an MS-only workflow just cannot solve.

Molecule Profiler incorporates UV, MS and MS/MS information to provide clear and unambiguous results that give you complete confidence.

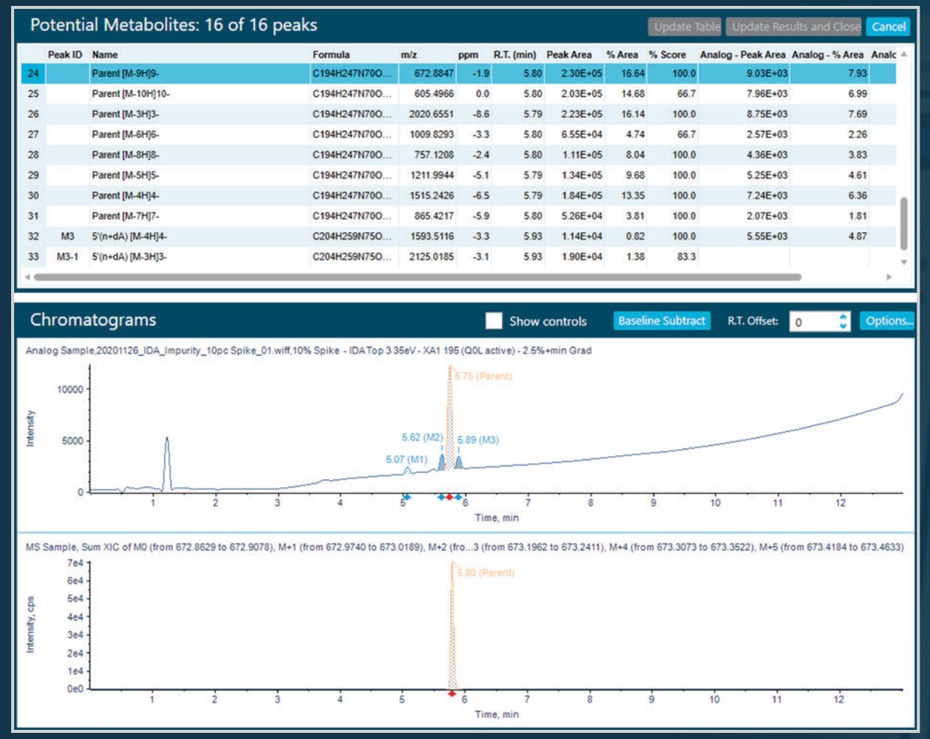


Use a variety of tools for identification at the MS level including mass accuracy and isotope ratio matching.

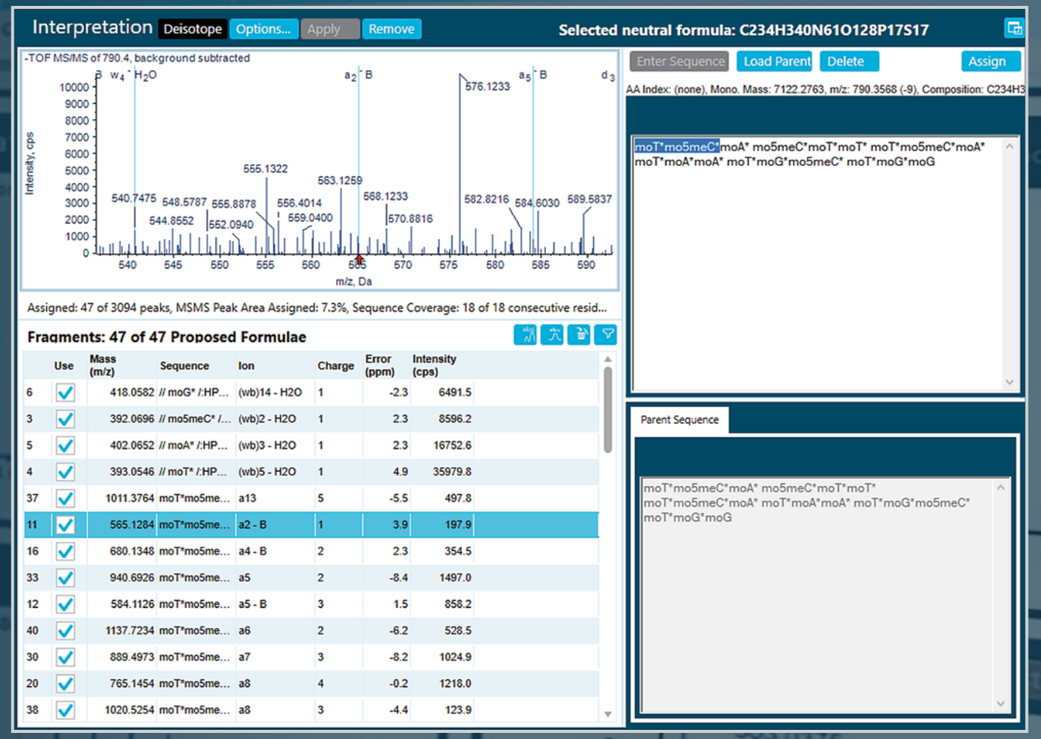


Easily customize your search tolerances to match MS/MS fragment spectra against *in-silico* generated full-length, impurity or metabolite spectra.

Confidence through MS/MS



Molecule Profiler software gives you the flexibility to incorporate UV, MS or MS/MS data into your interrogation of metabolites or impurities.

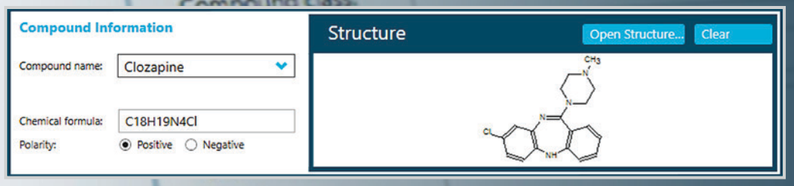


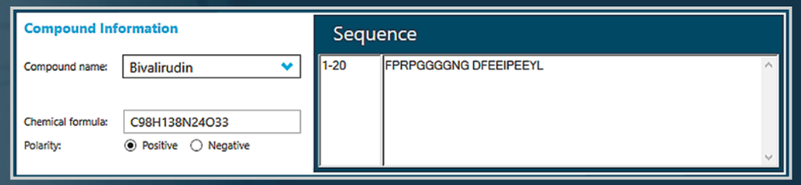
Easily switch between the results view and the interpretation view to get highly detailed information on your fragment ion spectra.

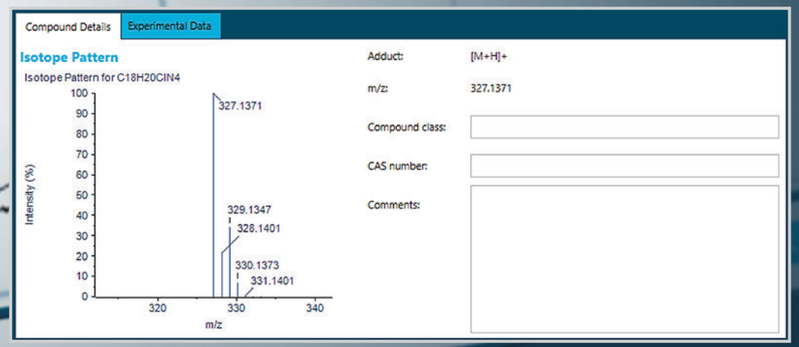
Flexibility across molecule types

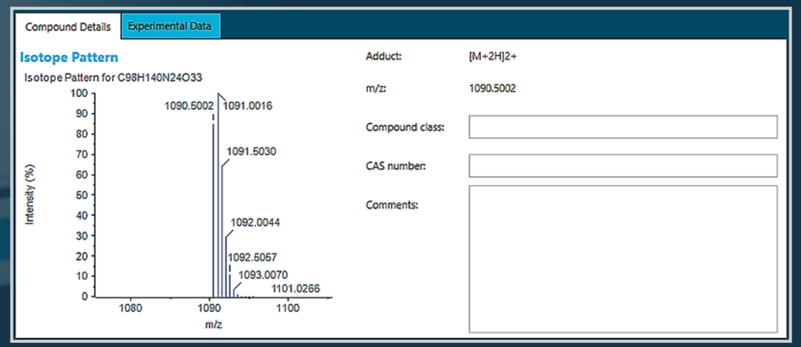
Why have a separate piece of software for every type of molecule you develop?

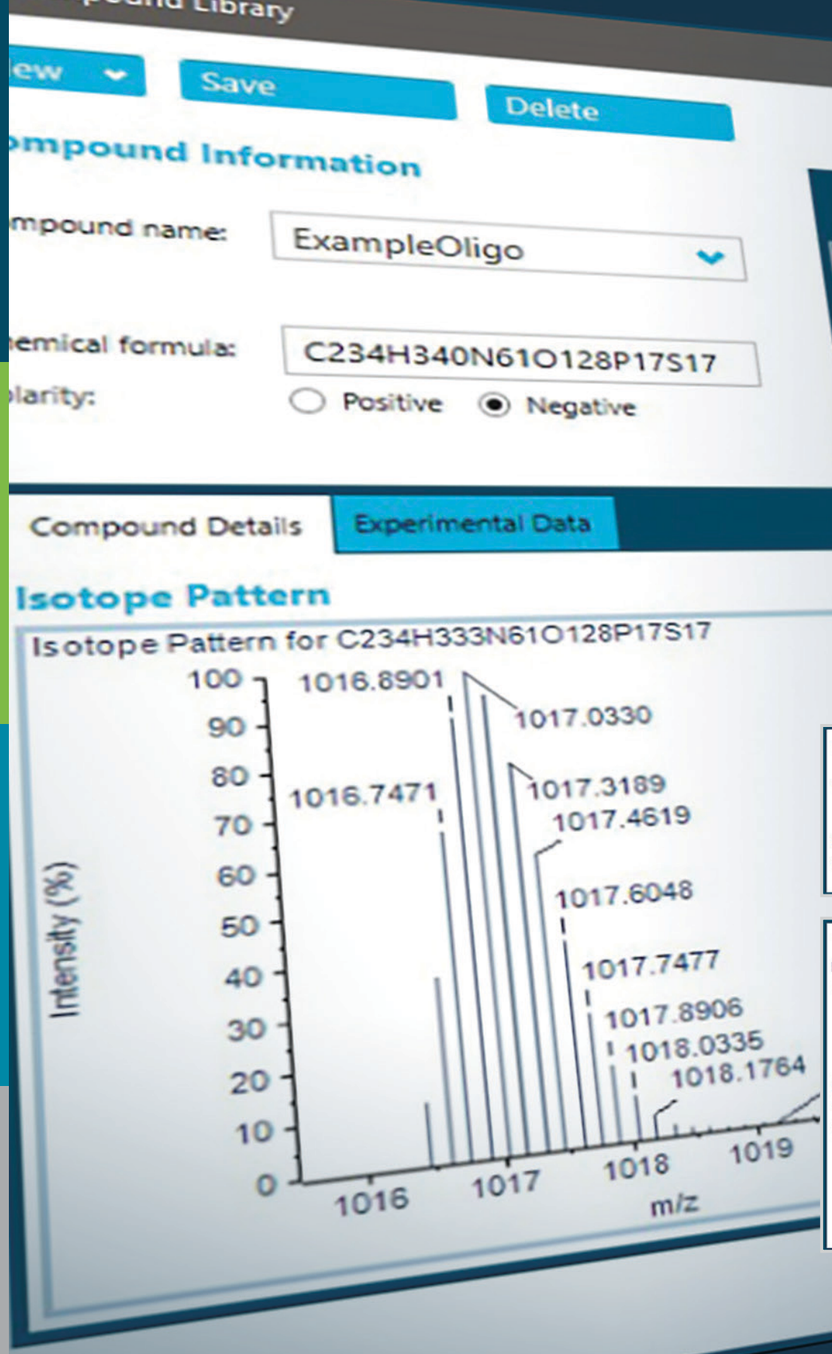
Molecule Profiler is a single software to provide insights about biotransformations and impurities across molecular classes including: therapeutic oligonucleotides, small molecule drugs, peptide therapeutics and even antibody-drug conjugates.











Get to an answer, faster

Larger and more complex therapeutics like oligonucleotides and peptides can produce very complex MS/MS data.

The powerful MS/MS engine in Molecule Profiler can reduce the time to an answer from days down to hours.

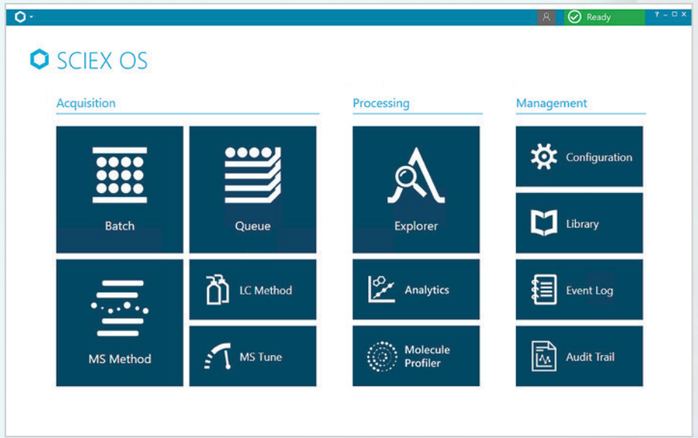
Easily build processing queues with the ability to choose multiple processing methods and controls. Each result analysis can be completed in just a few minutes.

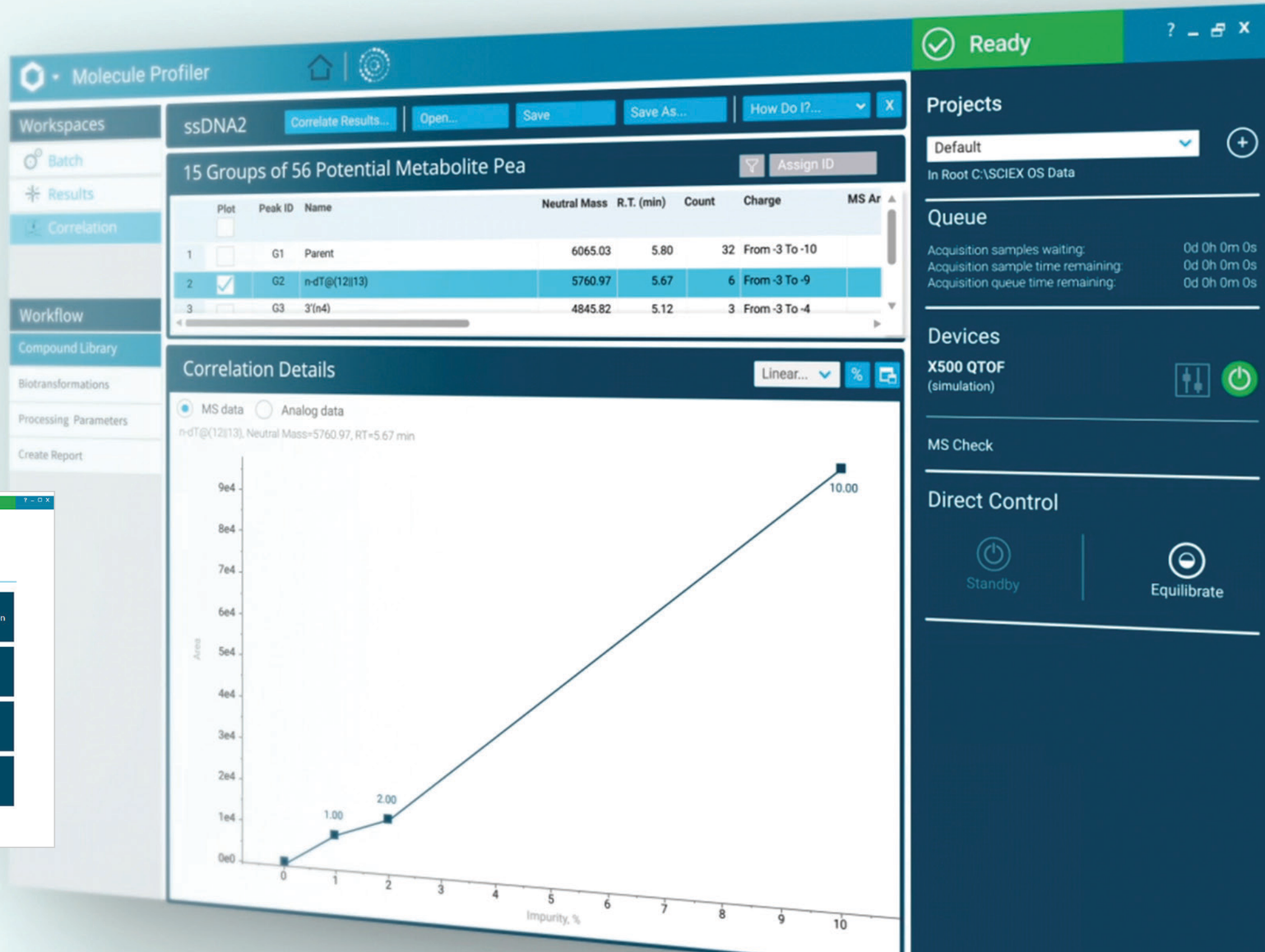
Integrated for ease

Having many different software products generally requires you to jump around from app to app.

Molecule Profiler is fully integrated as part of SCIEX OS, and has the same look and feel. Easily multitask with other functions in SCIEX OS. And, there is no need to move data around.

Molecule Profiler software is an application within SCIEX OS software. There is no need to move data files around since all acquired data are easily accessible within the SCIEX OS framework between different applications. It is also easy to navigate between the impurity and metabolite discovery functions of Molecule Profiler to the highly customizable quantitative workflows of Analytics.





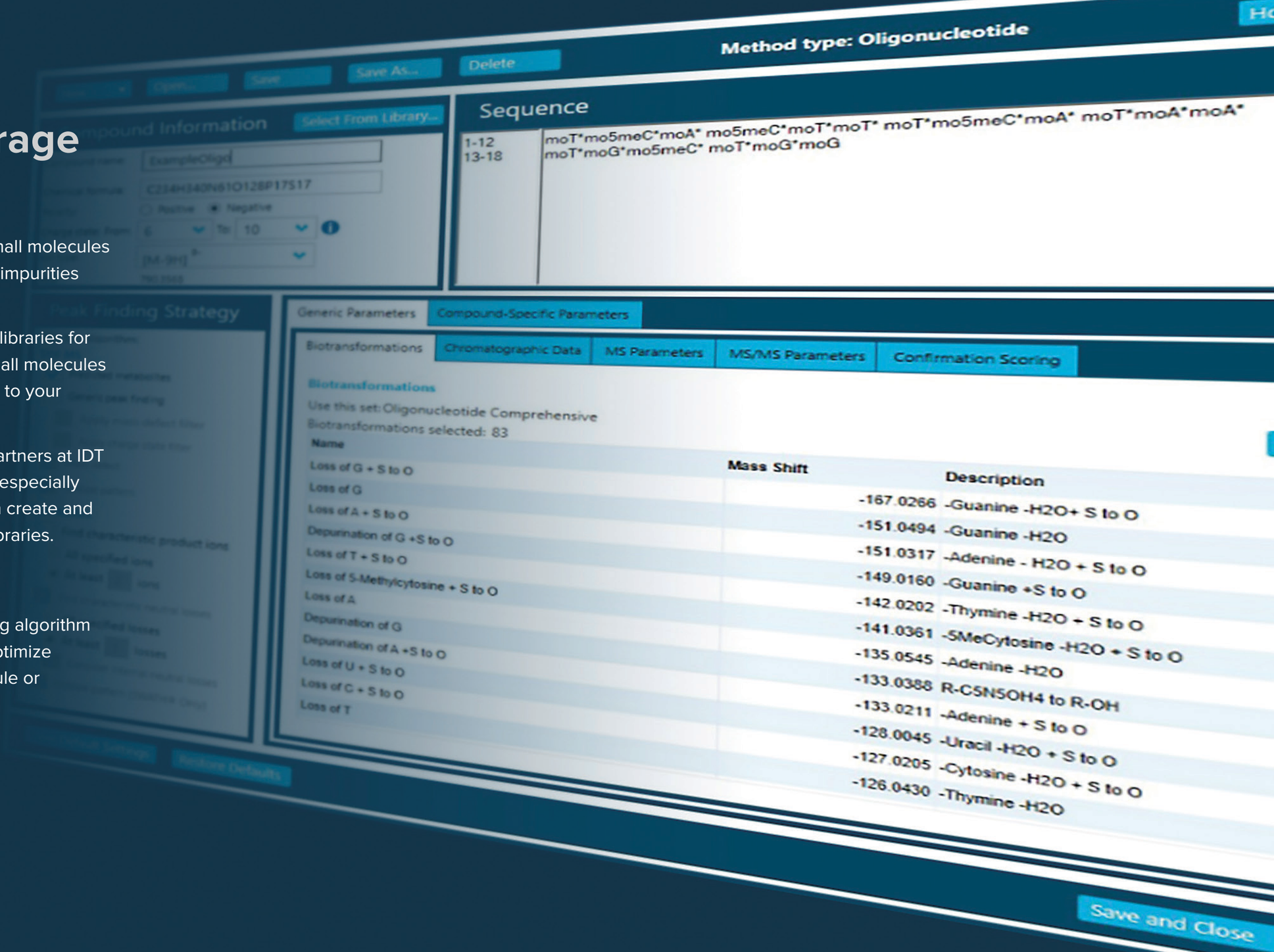
Complete coverage

Oligonucleotides, peptides and small molecules can have an enormous number of impurities and biotransformations.

Molecule Profiler has off-the-shelf libraries for oligonucleotides, peptides and small molecules with thousands of entries targeted to your molecule type.

SCIEX has also worked with our partners at IDT to create a comprehensive library especially for oligonucleotides. You can even create and edit your own biotransformation libraries.

You can customize the peak finding algorithm and library search algorithms to optimize your search for a particular molecule or molecule class.



ZenoTOF 7600 system

This mass spectrometer gives richer, more comprehensive data with new innovations that have never been seen in an accurate mass system. EAD fragmentation and the Zeno trap pave the way for precise and accurate MS and MS/MS data.

TripleTOF 6600+ system

This high-performance accurate mass solution offers a combination of qualitative and quantitative analysis and advanced workflow capabilities. Optimized for large-scale quantitative mass spectrometry, the TripleTOF 6600+ system offers sensitive and robust performance.

Molecule Profiler software

Achieve better insights on biotransformation and impurities

Learn more about what Molecule Profiler Software can do for you!

SCIEX Now support network

The destination for all your support needs

Data integrity

Increase your confidence with compliance services to help you safeguard your data, confirm data integrity and ensure system modifications can be traced.

Onboarding

We register you to SCIEX Now Online, enroll you in your SCIEX University learning path and send you a welcome email.

Lab enhancement services

SCIEX lab enhancement services apply a holistic approach to your lab to increase productivity and reduce system downtime.

SCIEX University

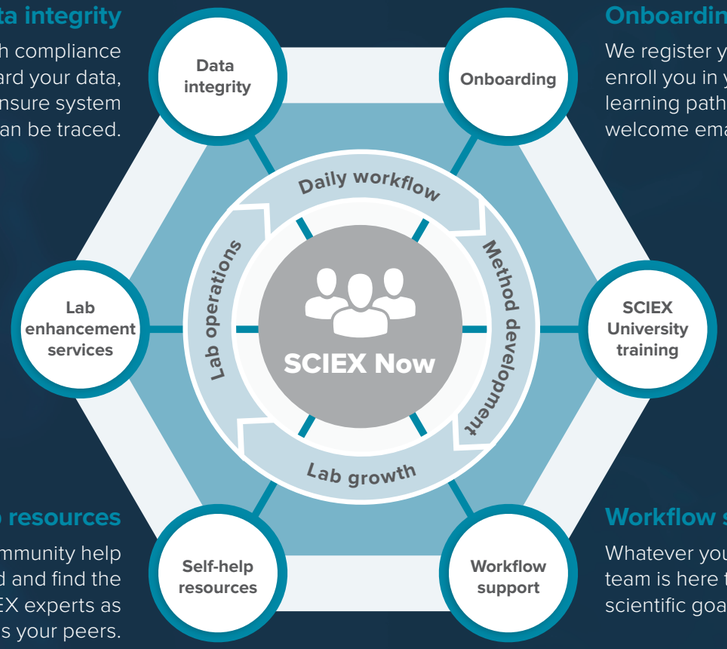
Best-in-class content and personalized learning paths–delivered using the latest memory science techniques.

Self-help resources

Our knowledge base and community help you move your science forward and find the answers you need from SCIEX experts as well as your peers.

Workflow support

Whatever your challenge, the SCIEX support team is here to help you achieve your scientific goals quickly and efficiently.



Start your path to success now: sciex.com/sciexnow

SCIEX

The Power of Precision

Headquarters
500 Old Connecticut Path
Framingham, MA 01701 USA
Phone 508-383-7700
sciex.com

International Sales
For our office locations please call the division headquarters or refer to our website at
sciex.com/offices

RUO-MKT-03-13413-A