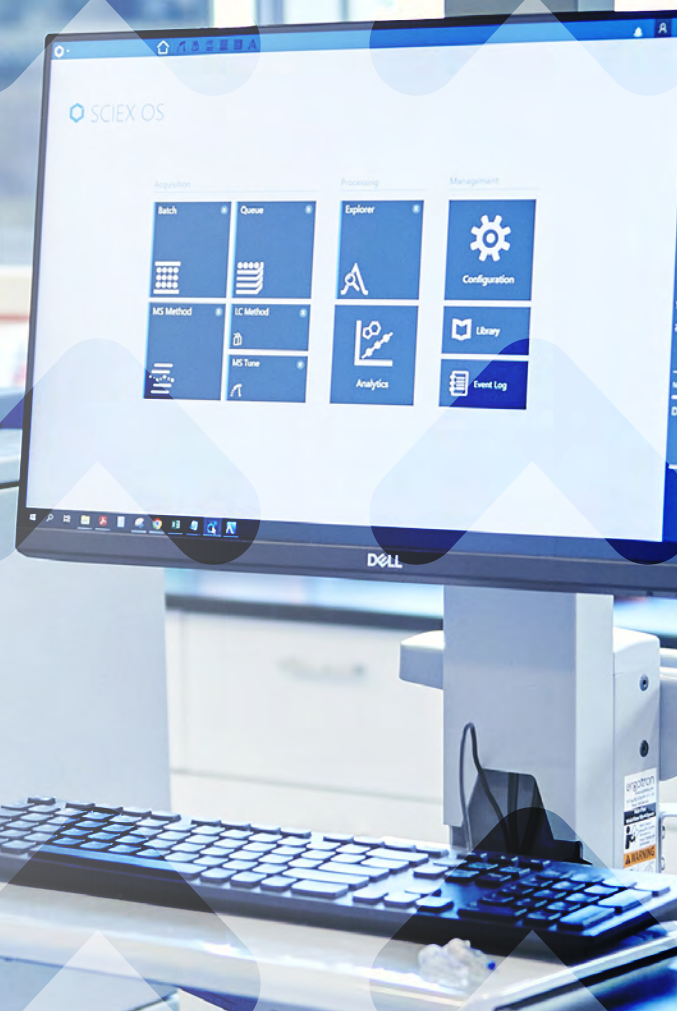


Usability, efficiency and integrity  
across your entire lab.

Power all your workflows on all systems,  
on a single software platform. Make more  
informed decisions, faster, with intelligent  
automation algorithms. Power up accuracy,  
precision and consistency with complete  
data integrity.



# True usability

No matter what the task, SCIEX OS software delivers a seamless experience. Acquire, process, and interpret your data within a single platform – now including QTRAP acquisition.

- All the tools you need in one place, for routine testing or the most complex workflows
- Intuitive and user-friendly design facilitating mass spectrometry implementation
- Customizable interface and security management for both, regulated and non-regulated laboratories
- Built-in automation tools optimizing your time to results for all your quantitative and qualitative workflows

## Processing

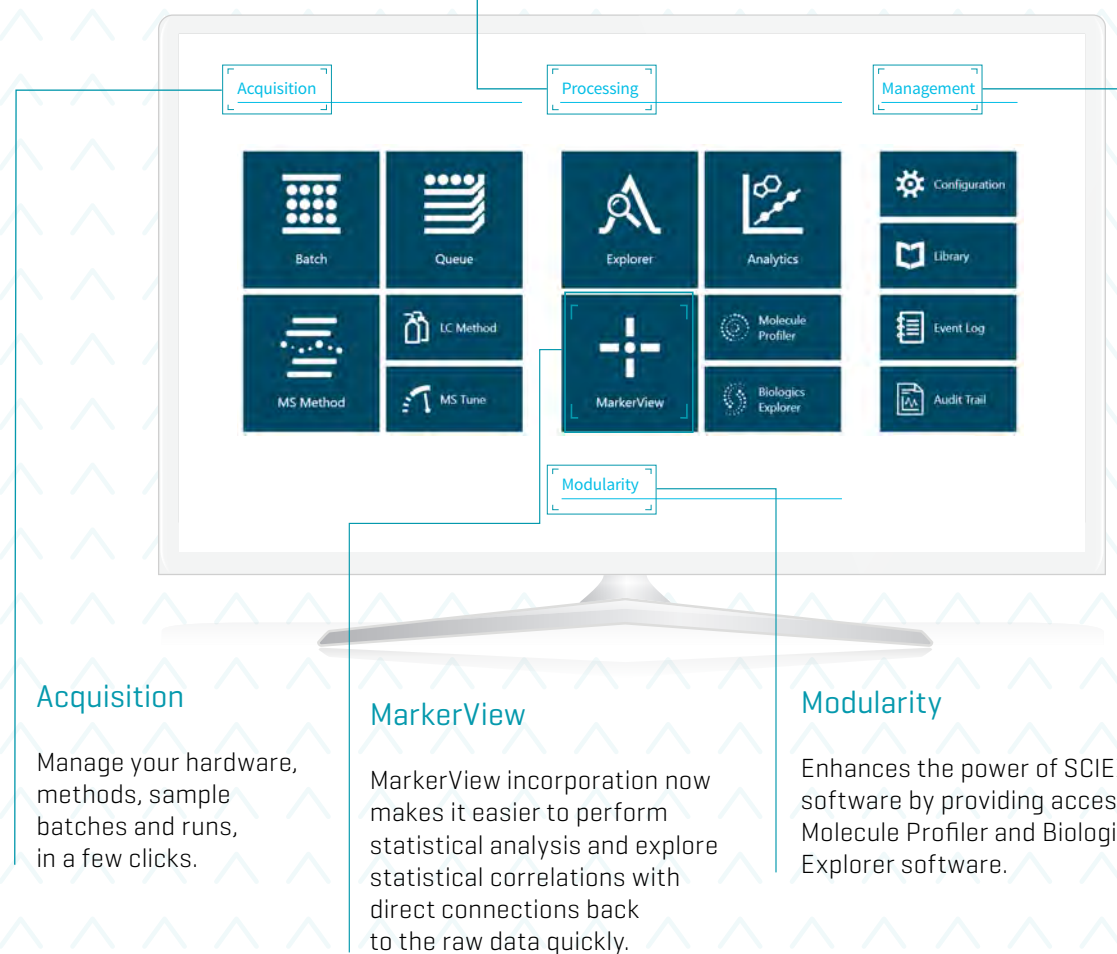
Powerful data analysis tools for automated and rapid data processing high levels of reliability and confidence.

## Management

Organize your data securely and compliantly. Customize your hardware, software and user settings to fit requirements.

## Languages

The user interface is now configurable for Simplified Chinese, Japanese, Korean, German, Italian, French, Portuguese and English.



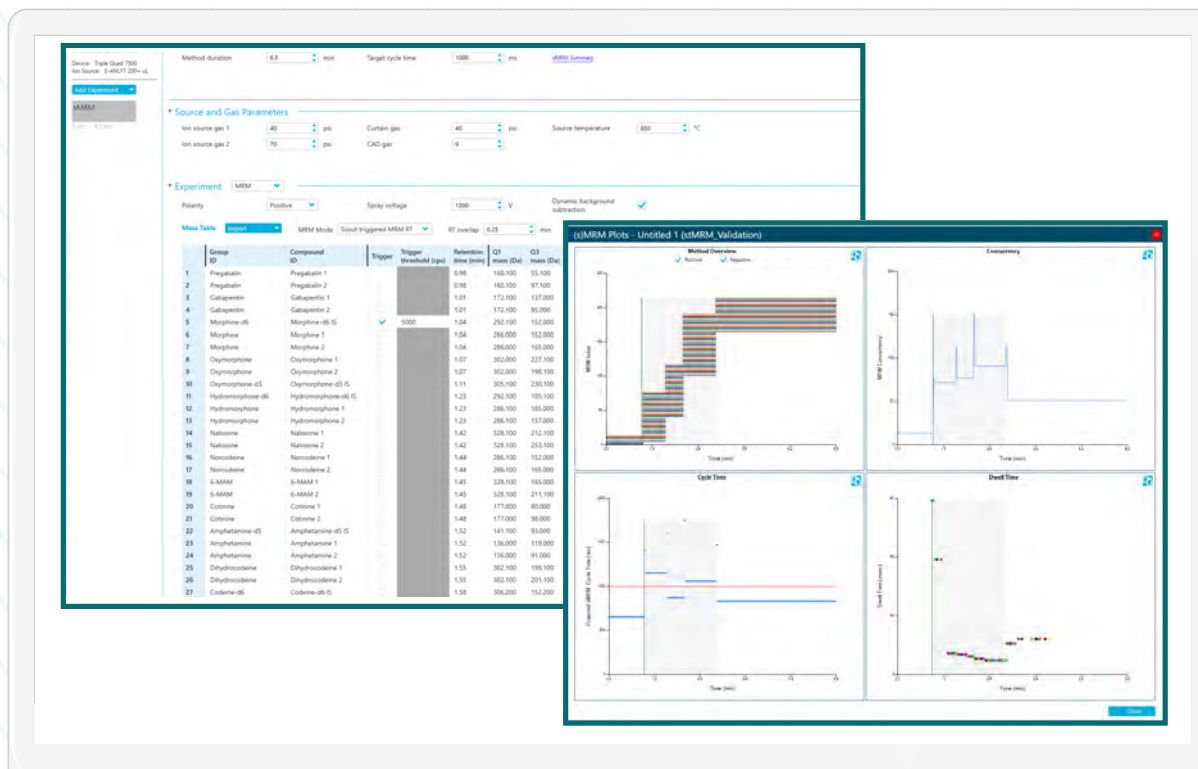
# Scout triggered MRM

## Increase efficiency and reduce method maintenance

SCIEX OS software enables an exciting data rich workflow called scout triggered MRM [stMRM].

Intelligent monitoring of the designated marker analytes increases efficiency and reduces the demand for method maintenance. An stMRM license unlocks your SCIEX Triple Quad system to obtain better-quality data across vast screening workflows.

Instead of defining retention time windows for each transition in your method as you would with a standard scheduled MRM [sMRM] method, stMRM uses exogenously spiked compounds such as an internal standard or marker analytes to trigger the acquisition of groups of dependent MRMs.



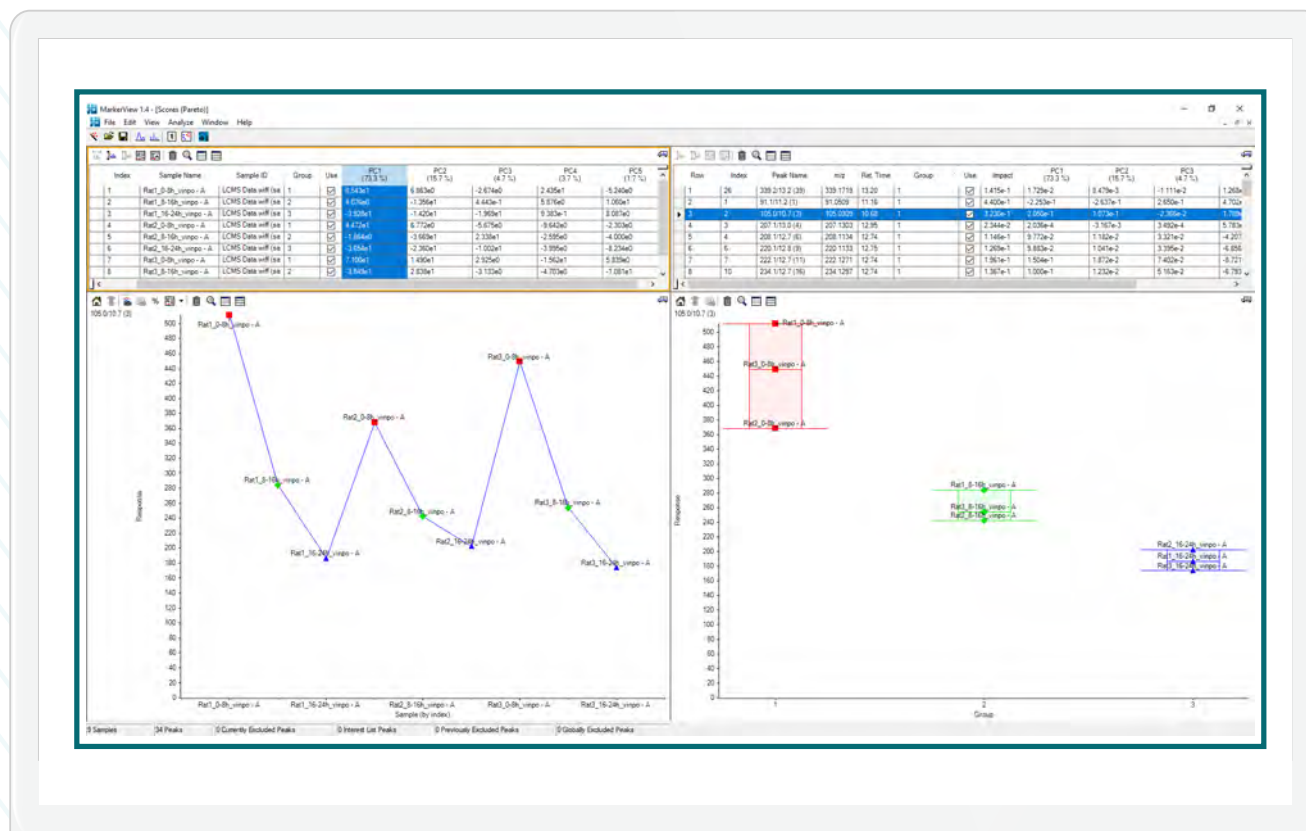
# MarkerView software

## Smarter, faster and simple statistical software

Perform PCA and statistical analysis on large data sets to visualize your data to gain valuable insights into trends within your mass spectral data.

MarkerView software provides the ability to explore statistical correlations with direct connections back to the raw data quickly and efficiently.

MarkerView software is now incorporated into SCIEX OS software to find meaningful relationships more rapidly, reducing cross-platform navigation.



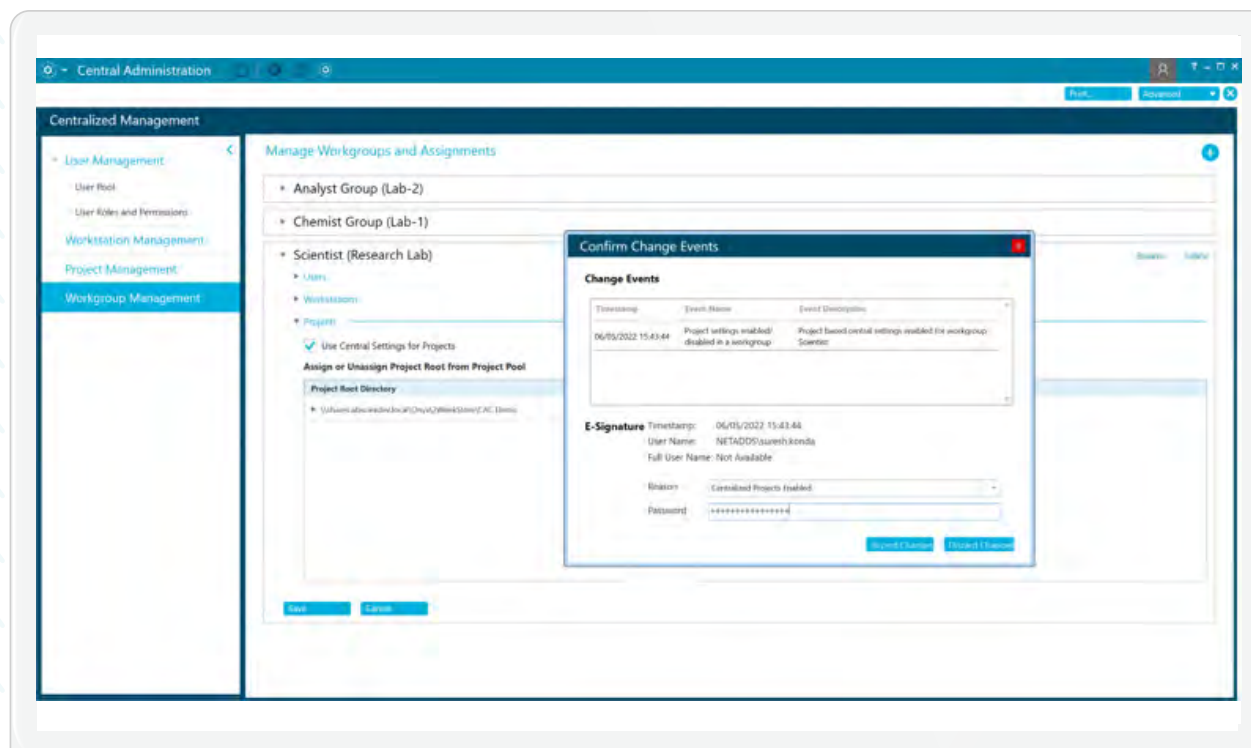


# Central Administration Console

## Control, manage, audit

The SCIEX OS software Central Administration Console [CAC] is now available for your multi-instrument laboratory. The CAC enables complete and centralized control of all acquisition and processing computers and workgroups (users and groups, role definitions, workstations and projects) across all your systems running SCIEX OS software 3.0 and later. It also supports both regulated and non regulated compliance standards.

CAC connectivity brings a new level of efficiency, productivity and security to your lab's SCIEX software ecosystem.



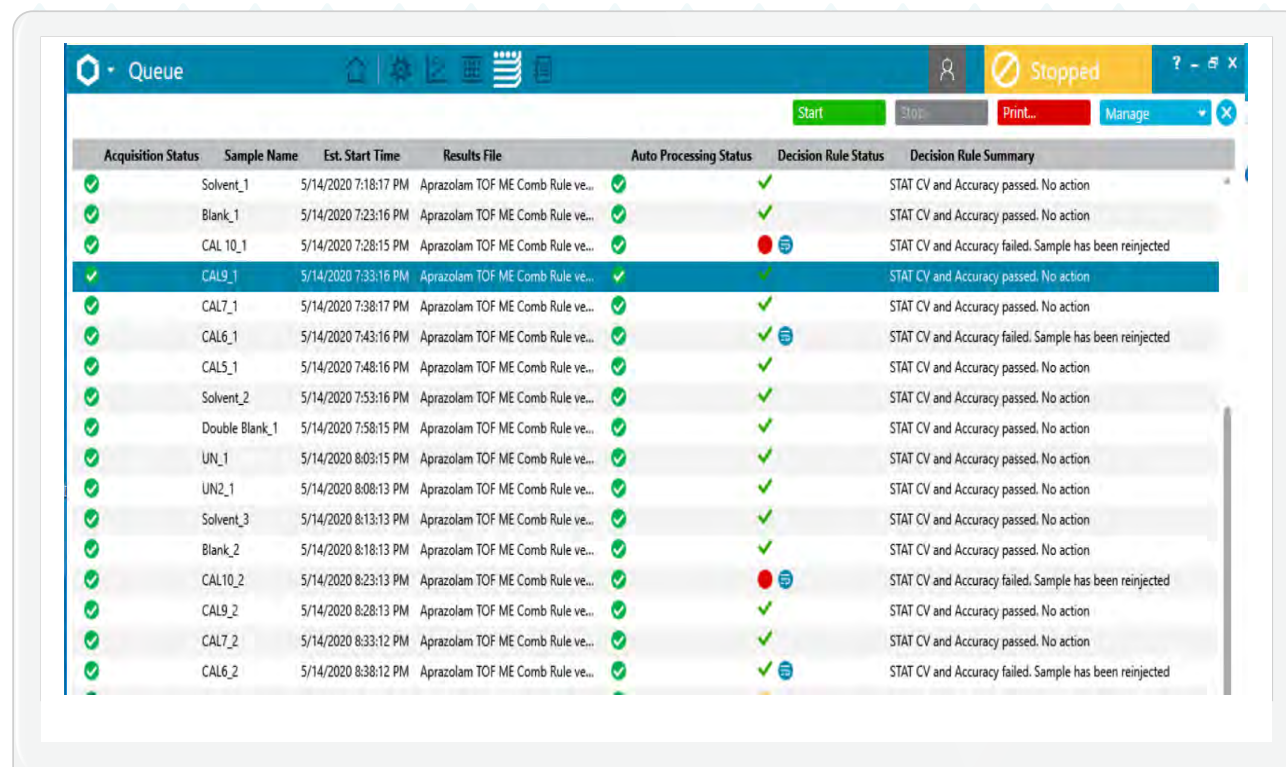
# Data driven decisions

## Get straight to the results that matter

The end goal of your analysis is to make decisions based upon the data you have acquired. These decisions are supported by the acceptance criteria you have stipulated during method creation. This intuitive format can highlight improved efficiency:

- Reduce sample loss
- Save time on re-analysis of flagged samples
- Minimize manual review

You can monitor run performance, complete quality control checks and automate system tasks at the same time.



The screenshot displays the 'Queue' window of the SCIEX software. At the top, there is a status bar with a 'Stopped' indicator and buttons for 'Start', 'Stop', 'Print...', and 'Manage'. Below this is a table with the following columns: Acquisition Status, Sample Name, Est. Start Time, Results File, Auto Processing Status, Decision Rule Status, and Decision Rule Summary. The table lists 18 samples, including Solvent, Blank, and various CAL (Calibration) samples. The 'Decision Rule Status' column uses green checkmarks for 'Passed' and red circles with exclamation marks for 'Failed'. The 'Decision Rule Summary' column provides details for failed samples, such as 'STAT CV and Accuracy failed. Sample has been reinjected'.

Acquisition Status	Sample Name	Est. Start Time	Results File	Auto Processing Status	Decision Rule Status	Decision Rule Summary
✓	Solvent_1	5/14/2020 7:18:17 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	Blank_1	5/14/2020 7:23:16 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	CAL_10_1	5/14/2020 7:28:15 PM	Aprazolam TOF ME Comb Rule ve...	✓	✗	STAT CV and Accuracy failed. Sample has been reinjected
✓	CAL9_1	5/14/2020 7:33:16 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	CAL7_1	5/14/2020 7:38:17 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	CAL6_1	5/14/2020 7:43:16 PM	Aprazolam TOF ME Comb Rule ve...	✓	✗	STAT CV and Accuracy failed. Sample has been reinjected
✓	CAL5_1	5/14/2020 7:48:16 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	Solvent_2	5/14/2020 7:53:16 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	Double Blank_1	5/14/2020 7:58:15 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	UN_1	5/14/2020 8:03:15 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	UN2_1	5/14/2020 8:08:13 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	Solvent_3	5/14/2020 8:13:13 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	Blank_2	5/14/2020 8:18:13 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	CAL10_2	5/14/2020 8:23:13 PM	Aprazolam TOF ME Comb Rule ve...	✓	✗	STAT CV and Accuracy failed. Sample has been reinjected
✓	CAL9_2	5/14/2020 8:28:13 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	CAL7_2	5/14/2020 8:33:12 PM	Aprazolam TOF ME Comb Rule ve...	✓	✓	STAT CV and Accuracy passed. No action
✓	CAL6_2	5/14/2020 8:38:12 PM	Aprazolam TOF ME Comb Rule ve...	✓	✗	STAT CV and Accuracy failed. Sample has been reinjected

# Automated data processing

## Expedite the time from sample to result

Increase your laboratory's throughput by automatically processing samples in the queue with reduced manual input and better data integrity.

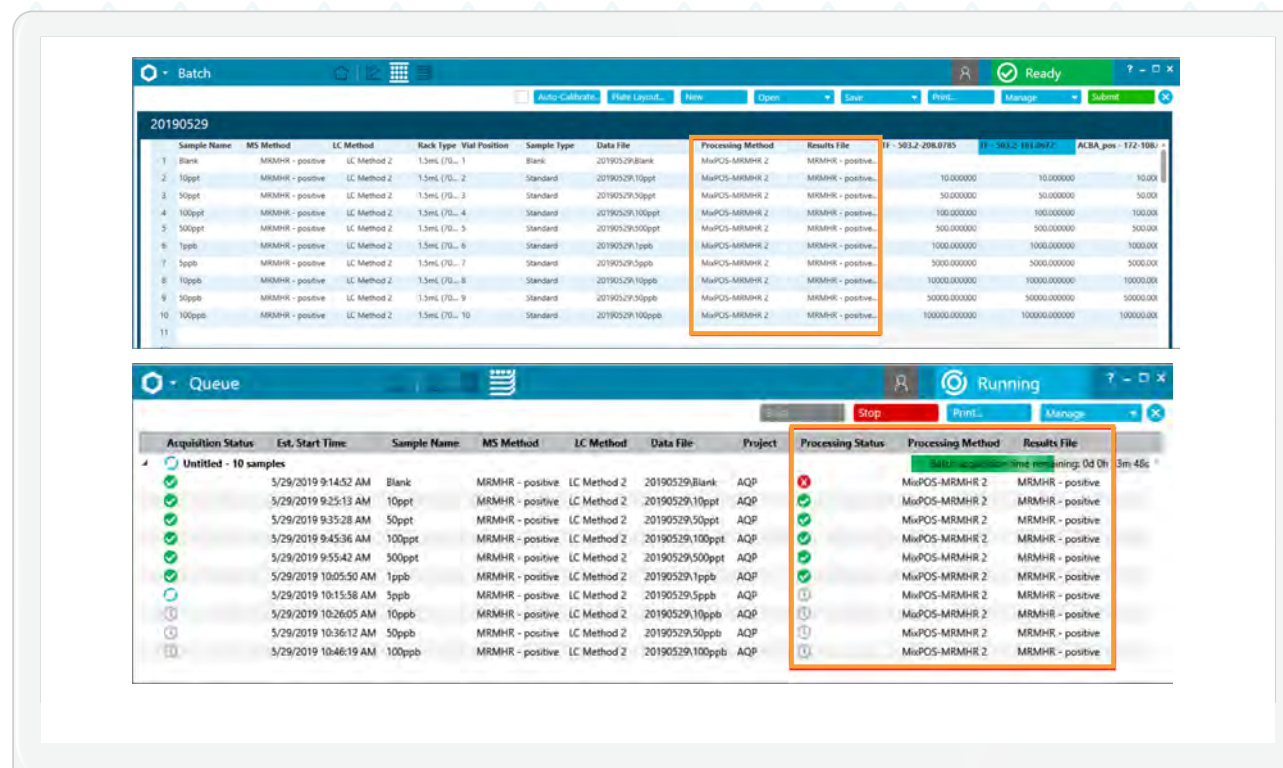
Select the processing method in the batch. The results file will automatically be processed once the sample has finished acquiring.

Visual indicators show processing status and live up-to-date information about the sample queue.

## Pre-assembled calculation packages

These packages, compatible with SCIEX OS software version 2.2 and higher, streamline data processing for common application workflows. They include custom calculations and flagging rules for efficient results.

[Learn more](#)



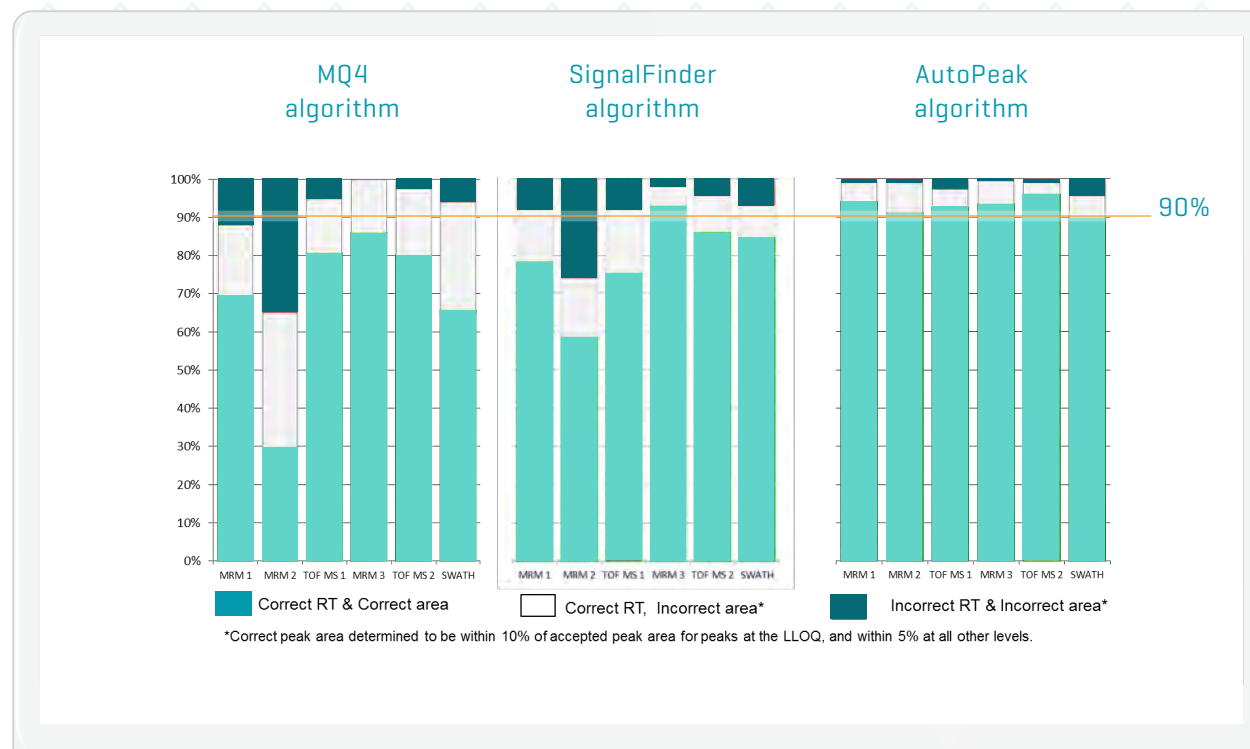
# Autopeak integration algorithm

## Boost the accuracy of results

Integrate chromatographic peaks with exceptional consistency and accuracy—even for low level peaks and complex matrices. Achieve exceptionally reliable integration with ease. No manual intervention is needed to re-integrate peaks, remove interferences, or adjust retention time.

The autopeak integration algorithm shows a significant improvement for multiple data types with over 90% of peaks integrated correctly without manual intervention.

[Learn more](#)





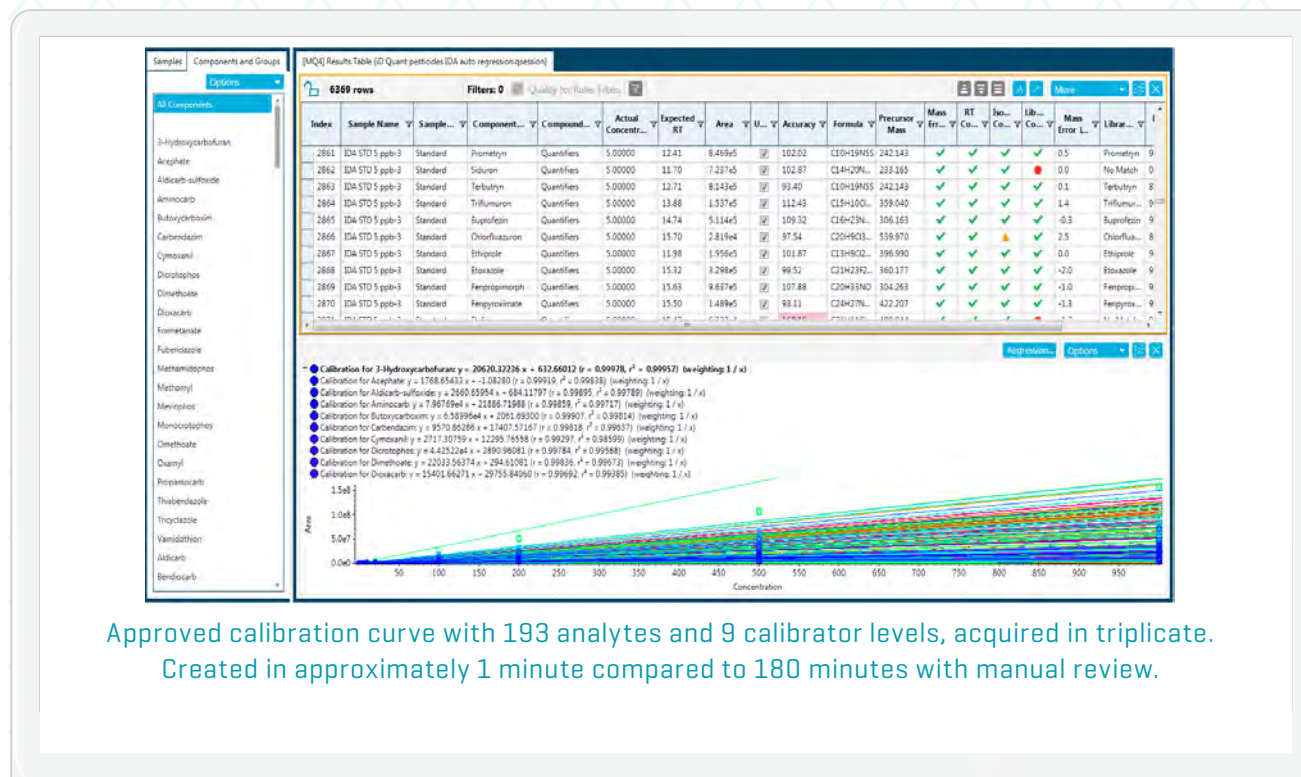
# Automatic outlier removal

## Verify established calibration range faster

Automatic outlier removal finds and removes data points from the regression curve that are outside acceptance criteria, minimizing the time to confirm an approved calibration range.

Remove the need for manual review steps when quantifying large sample sets. Parameters to define tolerance thresholds and the outlier rule can be customized and stored per method, based on SOP or regulatory need.

[Learn more](#)



# Review by exception

## Visualize, review, decide

Cut complex, time consuming manual reviews of your data. Set up customized flagging criteria for qualitative and quantitative workflows.

Easily create customized flagging rules for your specific methods and perform unbiased results review based on easy filtering and automated flagging.

Automated visual status indicators highlight results outside the limits, that can be investigated immediately. Achieve consistency between batches and gain higher confidence in results.

## Enhanced filtering capabilities for review by exception

14 of 428 rows Filters: 2 ✓ Qualify for Rules Filters

Index	Sample Name	Sample Type	Component Name	Retent. Time	Expected RT	Area	Calculated Concentration	Accuracy	Ion Ratio Conf.	Concentration Acceptance	Reportable
7763	orange juice M	Unknown	Carbendazim 1	4.10	4.20	1.637e4	13.05	N/A	✓	✓	✓
7764	orange juice M	Unknown	Carbendazim 2	4.10	4.20	3.766e4	32.66	N/A	✓	✓	✓
7767	orange juice M	Unknown	Carbofuran 1	6.16	6.30	2.039e4	< 0	N/A	✓	✓	✓
7768	orange juice M	Unknown	Carbofuran 2	6.17	6.30	2.249e4	0.05	N/A	✓	✓	✓
7817	orange juice M	Unknown	Dimethoate 1	3.28	3.40	8.887e3	< 0	N/A	✓	✓	✓
7818	orange juice M	Unknown	Dimethoate 2	3.28	3.40	1.299e4	< 0	N/A	✓	✓	✓
7925	orange juice M	Unknown	Imidacloprid 1	3.18	3.30	1.197e4	0.10	N/A	✓	✓	✓
7926	orange juice M	Unknown	Imidacloprid 2	3.18	3.30	1.284e4	0.17	N/A	✓	✓	✓
8003	orange juice M	Unknown	Omethoate 1	1.21	1.30	4.409e3	< 0	N/A	✓	✓	✓
8004	orange juice M	Unknown	Omethoate 2	1.21	1.30	3.067e3	< 0	N/A	✓	✓	✓
8101	orange juice M	Unknown	Thiabendazole 1	5.33	5.50	1.783e4	0.02	N/A	✓	✓	✓
8102	orange juice M	Unknown	Thiabendazole 2	5.37	5.50	6.333e3	0.03	N/A	✓	✓	✓
8121	orange juice M	Unknown	Trifloxystrobin 1	12.30	12.40	1.138e4	0.14	N/A	✓	✓	✓
8122	orange juice M	Unknown	Trifloxystrobin 2	12.30	12.40	5.588e3	0.18	N/A	✓	✓	✓

Outlier flagging

## Results review: Color coding for flagged results for fast review

8 of 113 rows Filters: 4 ✓ Qualify for Rules Filters

Index	Sample Name	Sample Type	Component Name	Component Type	Expected RT	Area	IS Area	Retention Time	Calculated Concentration	Ion Ratio Confidence	Concentration Acceptance
1373	Unknown 3	Unknown	Codine 1	Quantifiers	3.30	1.963e3	1.039e5	✓	✓	✓	✓
1374	Unknown 3	Unknown	Codine 2	Qualifiers	3.30	5.299e3	1.039e5	✓	✓	✓	✓
1427	Unknown 3	Unknown	Noreoxycodone 1	Quantifiers	3.32	1.554e4	1.473e5	✓	✓	✓	✓
1428	Unknown 3	Unknown	Noreoxycodone 2	Quantifiers	3.31	1.367e4	1.473e5	✓	✓	✓	✓
1433	Unknown 3	Unknown	Oxycodone 1	Quantifiers	3.64	5.015e3	1.039e5	✓	✓	✓	✓
1434	Unknown 3	Unknown	Oxycodone 2	Qualifiers	3.64	2.293e3	1.039e5	✓	✓	✓	✓
1435	Unknown 3	Unknown	Oxymorphone 1	Quantifiers	3.32	1.714e4	1.963e4	✓	✓	✓	✓
1436	Unknown 3	Unknown	Oxymorphone 2	Qualifiers	3.31	9.339e3	3.002e4	✓	✓	✓	✓

• Blue = below tolerance for acceptance  
 • Red = above tolerance for acceptance  
 • Filter on all columns  
 • Dedicated Outlier columns

# Data integrity is everything

## Precision, completeness, and consistency

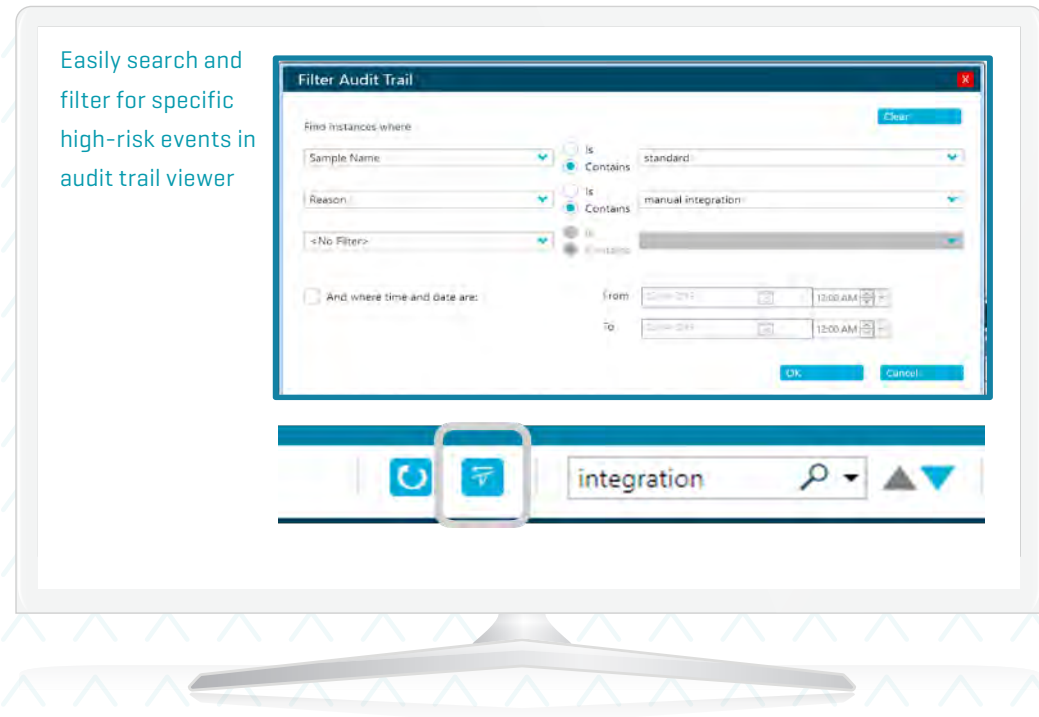
Achieve data integrity across every run, on every system — from compliant routine analyses to flexible research workflows. Intuitive audit trail feature ensures full traceability and accountability.

Built-in data integrity features allow you to tailor each functionality specifically to your lab's compliance and data security requirements.

- Supports GxP and 21 CFR Part 11 compliance
- Configurable security settings
- Electronic signatures and audit trails
- Customizable security management
- End to end audit trail

[Learn more](#)

Easily search and filter for specific high-risk events in audit trail viewer



Always be ready for your next audit

# Powering up innovation

As the new foundation for all SCIEX innovations including our Triple Quad, QTRAP and QTOF systems, SCIEX OS software allows you to integrate all SCIEX systems into a single software platform. Streamline all your nominal and accurate mass workflows for increased efficiency



SCIEX OS powers up all targeted, non-targeted and suspect screening workflows with your SCIEX QTRAP, ZenoTOF, TripleTOF and X500 QTOF series instruments. Automated custom flagging and filtering tools enable rapid data review and real-time decision making.



Surpass your current limits of sensitivity with the SCIEX Triple Quad 7500+, 6500+, 5500+ and 4500 systems. The automated tools in SCIEX OS software simplify peak finding and integration, and calibration curve review to help you reach new levels of precision across all your quantitative workflows.



DON'T COMPROMISE with the Echo® MS+ system. Automated processing and enhanced data visualization tools enable scalability of ultrahigh throughput workflows such as drug pipeline development.



Count on SCIEX high-performance liquid chromatography (HPLC) systems to efficiently separate samples prior to mass spectrometry analysis. The M5 MicroLC and ExionLC AE systems balance sensitivity and robustness—giving you the potential to optimize your critical workflows.



The Intabio ZT system couples icIEF separation and UV detection with high-resolution mass spectrometry. Experience one integrated workflow with a single, accessible dataset containing the required information to make the right decisions, fast.



# SCIEX Now support network

## SCIEX Now

- Manage your instruments.
- Submit and manage support cases, track status and history.
- Access online training courses and articles.
- Be a part of the SCIEX community by submitting questions and comments.
- Receive notifications from SCIEX with content based on your preferences.

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## SCIEX Learning Hub

SCIEX Learning Hub Success programs provide LC-MS and CE training customized to meet your exact needs.

With a selection of training methods and certifications available, you can build a mass spectrometry program that is most suited to your lab and users.

Starting with a clear understanding of your desired learning outcomes, we aim to help you improve lab productivity and consistency by designing and delivering a program that is focused on knowledge advancement and retention.

→ **FIND OUT MORE**

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