

MassWorks^{Rx}™

Powerful and configurable software for automated MS data processing

MassWorks Rx is a highly configurable software solution that enables the application of Cerno's patented, award winning Mass Spec calibration technology to be easily incorporated into routine MS application workflows for advanced and fully automated analysis. MassWorks Rx will be available with a number of Application Packs including quadrupole GC/MS qualitative analysis, quadrupole LC/MS qualitative analysis, and TOF and Orbitrap applications for formula ID and biologic transformations or modifications. In addition to

Cerno's TrueCal™ calibration technology and TrueFit MX™ mixture deconvolution, MassWorks Rx adds a number of innovative, patent pending technologies including powerful chromatographic peak deconvolution which is up to 10X more sensitive than alternative approaches and is completely automatic. Cerno's deconvolution technology works from the TIC as opposed to other techniques using just a few mass values. This dramatically improves the sensitivity, and does so while avoiding tedious manual interactions.

Easy automation

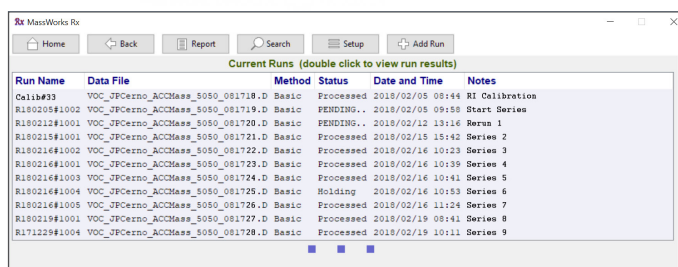
Rx provides a simple yet powerful means to automate your work flow. Flexible method development provides the tools necessary to control how data is processed and reported. Simply choose an existing method to be modified according to your needs and add to the processing queue. Rx will process the data automatically for each run. Once the data is processed, you can easily review the results using the built in interactive viewer. View and search results from GC/MS, including formula and fragment ID generated, or accurate mixture analysis for protein/oligo degradation or labeled isotopes. All data are managed with a searchable, secure yet accessible SQL database.

Powerful reporting and lab integration

Full reports are saved to industry standard PDF files. The reports use interactive hyperlinks to quickly browse through each run without the need of additional software. Reports can be distributed directly to end users or integrated with LIMS or laboratory data management systems.

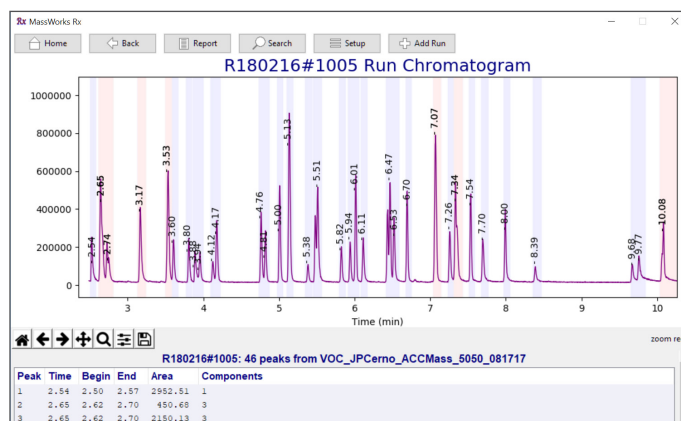
Designed and built for the future

Rx is built with modern, flexible software tools to allow it to be configured for almost any application. The modular design assures its adaptability to special needs.



Run Name	Data File	Method	Status	Date and Time	Notes
Calib#933	VOC_IPCerno_ACCMass_5050_081718.D	Basic	Processed	2018/02/05 08:44	RI Calibration
R180216#1002	VOC_IPCerno_ACCMass_5050_081719.D	Basic	PENDING...	2018/02/05 09:58	Start Series
R180216#1001	VOC_IPCerno_ACCMass_5050_081720.D	Basic	PENDING...	2018/02/12 13:16	Series 1
R180216#1001	VOC_IPCerno_ACCMass_5050_081721.D	Basic	Processed	2018/02/15 15:42	Series 2
R180216#1002	VOC_IPCerno_ACCMass_5050_081722.D	Basic	Processed	2018/02/16 10:23	Series 3
R180216#1001	VOC_IPCerno_ACCMass_5050_081723.D	Basic	Processed	2018/02/16 10:39	Series 4
R180216#1001	VOC_IPCerno_ACCMass_5050_081724.D	Basic	Processed	2018/02/16 10:41	Series 5
R180216#1004	VOC_IPCerno_ACCMass_5050_081725.D	Basic	Holding	2018/02/16 10:53	Series 6
R180216#1005	VOC_IPCerno_ACCMass_5050_081726.D	Basic	Processed	2018/02/16 11:24	Series 7
R180216#1001	VOC_IPCerno_ACCMass_5050_081727.D	Basic	Processed	2018/02/19 08:41	Series 8
R171225#1004	VOC_IPCerno_ACCMass_5050_081728.D	Basic	Processed	2018/02/19 10:11	Series 9

Rx queues up all the methods and processes data as they become available. A simple processing list quickly shows the status of each job.



A powerful interactive viewer makes quick work of reviewing and signing off on processed runs.

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FOR MORE INFORMATION
visit our website at www.cernobioscience.com
or email to info@cernobioscience.com

40 Richards Avenue, 3rd Floor, Norwalk, CT 06854 • USA • Tel 1-203-312-1150