MasterView™ 1.1 Software

Release Notes

Contents

Features and Changes 1

- The MasterView™ software is integrated with version 2.2 of the PeakView® software, providing a post-acquisition workflow for processing targeted and non-targeted screening data acquired using TripleTOF® systems.

- The software supports processing of the following XIC (Extracted Ion Chromatogram) types: MS1, MS/MS, Scheduled MS/MS, and SWATH™ acquisition.

- Multiple .wiff files can be processed simultaneously.

- The software is integrated with the LibraryView™ Framework, providing access to enhanced spectral matching.

- The software provides access to ChemSpider, a chemical structure database providing access to more than 28 million structures from hundreds of data sources.

Changes from Version 1.0 to Version 1.1

- If a data file that was acquired using an IDA (information dependent acquisition) method uses low or open resolution for Q1, then the MasterView™ software erroneously processes this data file as targeted MS/MS data from a SWATH™ acquisition. This can result in the MS/MS that is used for library searching being a background subtracted summed spectra instead of a single spectrum. This issue has been resolved. (XICMGR-161)

- Where multiple compounds elute with a similar precursor mass, the MS/MS spectra background subtraction immediately preceding the target peak and the MS/MS spectra immediately following the target peak are subtracted from the entire target peak. This results in poor-quality MS/MS data when multiple compounds elute with a similar precursor mass. This issue has been fixed. (XICMGR-162)

- When Fit or Reverse Fit is selected as the library search option, the selected option should be shown in the resulting XIC table and the reports. The option is used in the library search and sorts the resulting hits by the selected option, but shows the highest-purity hit in the XIC table and includes the highest-purity hit in the report. This issue has been fixed. (XICMGR-163)

- The MasterView software automatically determines the correct experiment index for MS/MS data in the XIC list. However, if there are multiple valid experiments, then the user should be able to specify the experiment to be extracted. This issue has been fixed. (XICMGR-167)

- Changing the selected control sample incorrectly caused the software to recalculate data. Data should only be recalculated when a setting or value, resulting in an invalid current calculated value, is changed. This issue has been fixed. (XICMGR-170)

- A new algorithm, Smart Confirmation Search, has been added. This algorithm acts as a confirmation search, but if a match with a different compound name is found, then the algorithm identifies this result as a non-confirmed potential target and [Smart Confirmation] is shown in the Library Hits column in the XIC list. (XICMGR-180)

Workstation Requirements   2

Read the following items carefully before installing the MasterView™ software.

> **CAUTION: Potential Data Loss. The MasterView software should not be installed on the acquisition computer. Software errors and data integrity issues can result if the MasterView software and acquisition software are used concurrently.**

- The MasterView software requires an English version of the Microsoft Windows XP operating system with SP3 or the Microsoft Windows 7 (32-bit or 64-bit) operating system with SP1.

- For computers configured with the Windows XP operating system, Microsoft Office 2010 must be installed. For computers configured with the Windows 7 operating system, Microsoft Office 2013 must be installed.

  > **Note:** If the computer is configured with Microsoft Office 2013 and the Windows 7 (32-bit) operating system, then the 32-bit version of Microsoft Office must be installed. If the computer is configured with Microsoft Office 2013 and the Windows 7 (64-bit) operating system, then the 64-bit version of Microsoft Office must be installed.

- The PeakView® 2.2 software must be installed. Refer to the *PeakView software Release Notes* for installation instructions, if required.

- If the LibraryView™ software will be installed on the same workstation, then the LibraryView software must be installed before the MasterView software. Refer to the *LibraryView™ 1.0 Software Installation Guide*, if required.

- The user must be logged on to the computer as a Windows user with local Administrator privileges.

Supported Equipment

- AB SCIEX TripleTOF® 4600, 5600, 5600+, and 6600 LC/MS/MS systems.

- QTRAP®, 3200 QTRAP®, 4000 QTRAP®, QTRAP® 4500, QTRAP® 5500, and QTRAP® 6500 systems.

- The MasterView™ software has been tested using the Dell Precision T3600, Dell OptiPlex 9010, and the Dell OptiPlex XE2 computer models. One of these models, or a later model provided by AB SCIEX, is recommended.

Installation and Activation 3

This section provides the installation and activation steps for the MasterView™ software.

Before the installation of the MasterView software begins, the installer installs the following applications if they are not already installed on the computer:

- Windows Installer 4.5
- .NET Framework 4.0
- SQL Server 2008 R2
- SQL Server Compact 3.5 SP2
- LibraryView Framework 1.0.1
- Reporter 3.2

Note: If the LibraryView™ 1.0 software is detected, then the installer will upgrade the components of the LibraryView software, the Framework and the application, to version 1.0.1. However, there are no changes to the functionality. If the MasterView 1.0 software is detected, then the installer will upgrade the LibraryView Framework to version 1.0.1 and the MasterView software to version 1.1.

Install the Software

1. Log on to the computer as a user with Administrator privileges.

2. If a previous version of the MasterView software is already installed on the computer, then make sure that the software is closed.

3. If a previous version of the LibraryView™ software is already installed on the computer, then make sure that the software is closed.

4. Make sure that the PeakView® software is closed.

5. Use the following procedures, as required:

To install from the Web site download:	To install from the DVD:
Download the **MasterView 1.1 software** from the Other Software Downloads table at http://www.absciex.com/Downloads/Software-Downloads. **Note:** To prevent potential installation issues, it is recommended that you save the file to a location other than the computer desktop.	Insert the MasterView software installation DVD into the DVD drive. **Note:** There are two folders on the DVD. The **x64** folder contains the installation files for computers equipped with a 64-bit operating system. The **x86** folder contains the installation files for computers equipped with 32-bit operating system.
After the download is complete, right-click the **MasterView_1.1.zip** file.	Open the appropriate folder for the operating system and then double-click **setup.exe**.
Click **Extract All**. **Note:** By default, the files are extracted to the **MasterView_1.1** folder in the same location as the **MasterView_1.1.zip** file was saved.	Follow the on-screen instructions.
After the extraction is complete, browse to the extraction folder and then double-click **MasterView 1.1.exe**.	--
On the **WinZip Self-Extractor** dialog, click **Unzip**. The files in the executable are extracted to **C:\MasterView 1.1**. **Note:** Two sub-folders are extracted. The **x64** folder contains the installation files for computers equipped with a 64-bit operating system. The **x86** folder contains the installation files for computers equipped with a 32-bit operating system.	--
After the extraction completes, open the appropriate folder for the operating system and then double-click **setup.exe** file.	--
Follow the on-screen instructions.	--

The installation wizard installs any required software and then installs the MasterView™ software.

Note: If the PeakView® 2.2 software is not detected, then the installer stops and a message is shown. The installation of the MasterView software cannot be completed until the PeakView 2.2 software is installed.
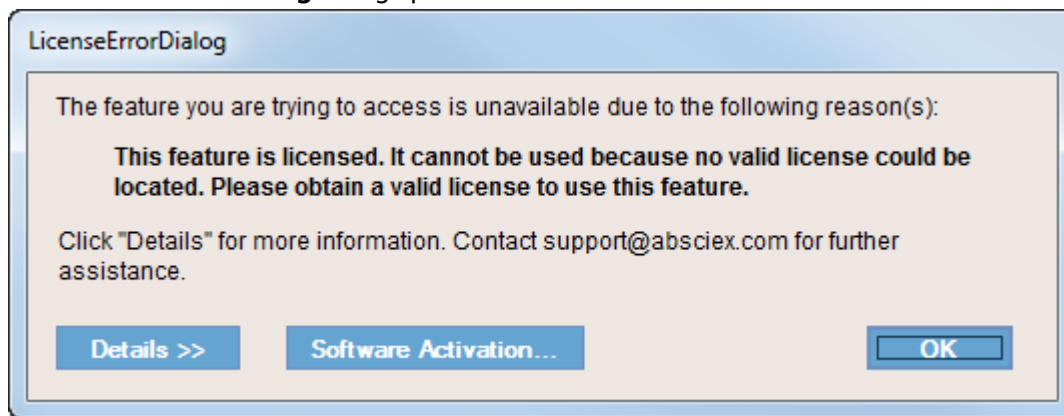
6. Activate the MasterView software.

Activate the MasterView Software

Tip! Internet access is required to obtain a license for the software. If the computer where the MasterView™ software was installed does not have Internet access, then make a copy of the generated computer ID. On a computer with Internet access, go to https://licensing.absciex.com/activation/MasterView and then follow the instructions to obtain a license.

1. Open the PeakView® software.

2. Click **MasterView** in the menu bar.

3. Click **New Session**.

    The **LicenseErrorDialog** dialog opens.

    ```
    LicenseErrorDialog

    The feature you are trying to access is unavailable due to the following reason(s):

        This feature is licensed. It cannot be used because no valid license could be
        located. Please obtain a valid license to use this feature.

    Click "Details" for more information. Contact support@absciex.com for further
    assistance.

    [ Details >> ]   [ Software Activation... ]          [ OK ]
    ```

4. Click **Software Activation**.

    The **MasterView Activation** dialog opens.

5. Type the license key from the license certificate in the appropriate field.

6. Click **Generate Computer ID**.

    This creates a unique identifier for the workstation.

7. Click **Copy ID to Clipboard**.

8. Click the **https://licensing.absciex.com/activation/MasterView** link.

9. Follow the instructions to obtain a license.

10. After the required information is submitted, a license file is sent to all e-mail addresses provided.

11. Close the browser window.

12. When the e-mail containing the license file is received, copy the license to the workstation desktop.

13. On the **MasterView Activation** dialog, click **Install License File**.

14. On the **Select the new license file to be installed** dialog, browse to and then select the license file.

15. Click **Open**.

Both the **Select the new license file to be installed** and the **MasterView Activation** dialogs close. The **Select Samples** dialog of the MasterView software opens.

Notes on Use 4

- The MasterView™ software is designed as a plugin for the PeakView® software.

- The workstation must contain a valid license file to access the ChemSpider database. Contact support@absciex.com for additional information.

- When a session file (.XIClist) is saved on a computer configured with the Microsoft Windows XP operating system, do not include a period (.) in the file name because the software considers the information after the period to be the file type, and in most cases, it is not a recognizable file type.

Known Issues and Limitations

Everyone should read this section of the Release Notes. This section applies specifically to issues that are known in the MasterView™ software, version 1.1.

Note: The numbers in brackets are reference numbers to each issue or feature in our internal tracking system.

- When installing the software on a computer configured with the Microsoft Windows XP operating system, a message indicating that another installation is currently in progress might appear. To resolve this issue, click **Cancel** on the **Setup** dialog. The installation continues.

- When performing compound searches in the ChemSpider database, a communication error might occur while the software is communicating with the ChemSpider Web server. To resolve this issue, click **Retry**. If the issue persists, click **Cancel** and then close the ChemSpider window. Wait a few minutes and then perform the search again.

- (XICMGR-145) When the user applies a filter to minimize a large number of results (> 800) returned in the ChemSpider Results pane and then cancels the filter request while the software is communicating with the ChemSpider server, the software might seem to stop responding. No user interaction is required. It might take an extended period of time (> one minute), but the process will be canceled and the filter will not be applied.

- (XICMGR-222) If the LibraryView™ software is installed, then users can install a Licensed LibraryView Package to populate the compound database. When the licensed package is activated, the license file, LibraryViewPackage.lic, is saved in the C:\Program Files\AB SCIEX\LibraryView\bin folder. The license file must be manually moved from this folder to the C:\Program Files\AB SCIEX\LibraryView\LibraryViewFramework\Server folder so that the software recognizes the license. After the file is moved, restart the computer.

Remove the MasterView Software   5

1. Log on to the computer as a Windows user with Administrator privileges.

2. Make sure that the PeakView® software is closed.

3. If the LibraryView™ software is installed on the same computer, then make sure that the LibraryView software is closed.

4. Click **Start > Control Panel.**

5. Proceed as follows, depending on the operating system:

Windows XP	Windows 7
Double-click **Add or Remove Programs**.	Click **Uninstall a program**.
Click **MasterView**.	Click **MasterView**.
Click **Remove**.	Click **Uninstall**.

Note: The license file is not removed and can be used if the MasterView™ software is installed again.

Support 6

At AB SCIEX we are committed to providing the highest level of support for our customers. To obtain answers to questions about any of our products, report issues, or suggest improvements, visit www.absciex.com. For training, visit www.absciex.com/training.

Where to Get Help

Other Documentation

*   MasterView™ software Help

AB SCIEX Support

*   support@absciex.com
*   www.absciex.com

Customer Training

*   In North America: NA.CustomerTraining@absciex.com
*   In Europe: Europe.CustomerTraining@absciex.com
*   Outside the EU and USA, visit www.absciex.com/customer-support/training for contact information

Customer Documentation

*   techpubs@absciex.com

Revision History

Revision	Reason for Change	Date
A	First release.	November 2014
B	Removed issue XICMGR-219 from the list of Known Issues and Limitations. This issue has been fixed.	December 2014