Analyst TF 1.8.1 HotFix 1 Release Notes

Introduction

For information about a previous software version, refer to the *Release Notes* that came with that software version.

Enhancements

The Analyst TF 1.8.1 HotFix 1 includes the following enhancements.

- The synchronization of the TripleTOF 6600 system is improved by dynamically switching to a backup synchronization algorithm when missing or erroneous synchronization signals are detected. This backup synchronization mechanism is deactivated for Q1 acquisition.
- The processing performance of raw data has been optimized, which decreases the chance of buffer errors for the TripleTOF 6600 system.
- Enhanced logging capabilities are included to aid in the troubleshooting of some issues, and some changes have been made to address the issues listed in the section: Fixed Issues.
- The Analyst TF 1.8.1 Patch for Intact Protein Mode Issue is included.

Fixed Issues

A data file could not be opened if it was acquired using an ExionLC system UV detector and PDA.

If a sample was acquired using an acquisition method that includes both an ExionLC system UV detector and a PDA, then the data file for the sample could not be opened. (ATF-877, ATF-925)

The signal on a TripleTOF 6600 system might be reduced if the Intact Protein mode script was enabled.

On TripleTOF 6600 systems that have the Intact Protein mode script enabled, reduced signal intensity might have been observed for single- or looped-experiment methods that had an upper mass range above 3,000. This issue did not occur with IDA methods. The fix to this issue was first included in the Analyst TF 1.8.1 patch for Intact Protein Mode Issue and it is now included in this HotFix. (ATF-901)

Acquisition failure intermittently on TripleTOF 6600 systems because of a missing TDC sync signal error.

Intermittently, acquisition failed because of a missing TDC sync signal error on TripleTOF 6600 systems. The improvements implemented in this HotFix reduce the frequency of this error and also provide enhanced logging to help in troubleshooting. (ATF-903)

Batches stopped intermittently on TripleTOF 5600 systems, because of a TDC collector loop error.

Intermittently, acquisition failed because of a TDC collector loop error on the TripleTOF 5600 systems. The improvements implemented in this HotFix provide the enhanced logging to help in troubleshooting. (ATF-904)

Acquisition failed intermittently on TripleTOF 6600 systems, with the error “TDC collector ran out of buffers".

Intermittently, acquisition failed on TripleTOF 6600 systems because of a “TDC collector ran out of buffers. Giving up” error on TripleTOF 6600 systems. The improvements implemented in this HotFix reduce the frequency of this error and also provide enhanced logging to help in troubleshooting. (ATF-905)

Notes on Use

- On TripleTOF 6600 systems, if the value of the **Min. Mass for the TOF Masses (Da)** field is 300 or greater, then it is recommended that the value of the **Bins to Sum** field be set to 8. This reduces the potential for data loss caused by buffer overflow.
- For ExionLC devices, acquisition using methods with more than 5 PDA channels in 2D mode are not supported, even though methods with up to 8 channels can be saved. The Analyst TF software Explore and Quantitation modes only support up to 5 channels. (ATF-925)

Where to Get Help

- *Analyst TF 1.8.1 Software Release Notes*
- *Analyst TF 1.8.1 Software Installation Guide*

Install the HotFix

Prerequisites
• The Analyst TF 1.8.1 software is installed.

1. Log on to the computer as a user with Administrator privileges.
2. Stop any acquisitions that are in progress and then deactivate the hardware profile.
3. Close the Analyst TF software.
4. Download from sciex.com/software-support/software-downloads.

Note: To prevent potential installation issues, we recommend that the file be saved to a local drive other than the computer desktop or a USB flash drive.

5. After the download is complete, right-click the **AnalystTF1.8.1HF1.zip** file.
6. Click **Extract All** and then select the file destination folder.
7. After the extraction is complete, navigate to the selected extraction folder and then double-click the **setup.exe** file.
8. Follow the on-screen instructions to complete the installation.

Note: If the Analyst TF 1.8.1 Patch for Intact Protein Mode Issue was installed before the HotFix, then installing the HotFix will automatically remove the patch.

Updated Files

The Analyst TF 1.8.1 HotFix 1 changes the following files in the Analyst folder.

Note: On 64-bit systems, this folder is in the C:\Program Files (x86)\ folder. On 32-bit systems, it is in the C:\Program Files\ folder.

Analyst\Help

- Analyst TF 1.8.1 HotFix 1 Release Notes.pdf (added)

Tip! A shortcut to the *Release Notes* can be found in this location:

- Windows 10: **Start > SCIEX Analyst > Analyst Documentation**
- Windows 7: **Start > All Programs > SCIEX > Analyst**

Analyst\bin

- DDMSMassSpecQS.dll (updated)
- DDMSMassSpecQS32.dll (updated)

- DDISSciexLC.dll (updated)

Analyst\binex

- VDISSciexLC.exe (updated)

Remove the HotFix

1. Log on to the computer as a user with Administrator privileges.
2. Stop any acquisitions that are in progress and then deactivate the hardware profile.
3. Close the Analyst TF software.
4. Click **Start > Control Panel**.
5. In the **Large icons** or **Small icons** view, click **Programs and Features**.
6. Right-click **Analyst TF 1.8.1 HotFix 1** and then click **Uninstall**.
7. Follow the on-screen instructions.

   The HotFix is removed from the program list. The Analyst TF 1.8.1 HotFix 1 Release Notes.pdf file and shortcut are also removed. After the HotFix is removed, the software is reverted to the original Analyst TF 1.8.1 software.

   Note: If the Analyst TF 1.8.1 Patch for Intact Protein Mode Issue was installed before the HotFix is installed, then the Analyst TF 1.8.1 Patch for Intact Protein Mode Issue must be installed again after the HotFix is removed.

Contact Us

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- Outside the EU and North America, visit sciex.com/education for contact information.

Online Learning Center

- SCIEX Now Learning Hub

SCIEX Support

SCIEX and its representatives maintain a staff of fully-trained service and technical specialists located throughout the world. They can answer questions about the system or any technical issues that might arise. For more information, visit the SCIEX website at sciex.com or contact us in one of the following ways:

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- sciex.com/request-support

CyberSecurity

For the latest guidance on cybersecurity for SCIEX products, visit sciex.com/productsecurity.

Documentation

This version of the document supercedes all previous versions of this document.

To view this document electronically, Adobe Acrobat Reader is required. To download the latest version, go to https://get.adobe.com/reader.

To find software product documentation, refer to the release notes or software installation guide that comes with the software.

To find hardware product documentation, refer to the *Customer Reference* DVD that comes with the system or component.

The latest versions of the documentation are available on the SCIEX website, at sciex.com/customer-documents.

Note: To request a free, printed version of this document, contact sciex.com/contact-us.

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