Fixed issues

The Analyst® TF 1.7.1 HotFix 1 addresses the following intermittent issues:

- While data is acquired using a SWATH® acquisition method on a TripleTOF® 6600 system, the acquisition might fail due to a “TDC collector ran out of buffers” error. The corresponding message is recorded in the Event Log (Event Viewer) (ATF-740).
- The Instrument Optimization process might fail during Channel Alignment with a “Missing TDC sync signal” error. The error message is recorded in the Event Log (Event Viewer) (ATF-813).
- Acquisition might fail with a “Packet Data” error. The error message is recorded in the Event Log (Event Viewer). (ATF-748)
- While data is acquired using an IDA method, the acquisition might fail due to a “System Controller stall detected” (ATF-673) or “Run-time Fatal error” (ATF-709) error. The corresponding error message is recorded in the Event Log (Event Viewer).
- When Instrument Optimization is running, the process might fail with a “Sample aborted because of missing TDC sync signals” error. The error message is recorded in the Event Log (Event Viewer). (ATF-728)
- Acquisition might fail with a “TDC time – out” error. The error message is recorded in the Event Log (Event Viewer). (ATF-730)

Patches included in the Analyst® TF 1.7.1 HotFix 1

- Analyst® TF 1.7.1 Patch for Noise Sync Signal Issue
- Analyst® TF 1.7.1 Patch for SC Stall Issue
- Analyst® TF 1.7.1 Patch for SC Stall Issue (rev 2)
- Analyst® TF 1.7.1 Patch for Instrument Optimization Issue
- Analyst® TF 1.7.1 Patch for Packet Data Error

Where to Get Help

Other Documentation

- Analyst® TF 1.7.1 Software Release Notes
- Analyst® TF 1.7.1 Software Installation Guide
- Analyst® TF 1.7.1 Software with Components for LC Devices Release Notes
- Analyst® TF 1.7.1 With Components for NanoCell Release Notes

Support

- www.sciex.com/support
- www.sciex.com
Release Notes

Requirements

- Analyst® TF 1.7.1 software

  **Note:** The Analyst® TF 1.7.1 HotFix 1 installer silently removes the patches listed in Patches included in the Analyst® TF 1.7.1 HotFix 1, if the patches are installed on the computer.

Install the Software

1. Download Analyst® TF 1.7.1 HotFix 1 from [https://sciex.com/software-support/software-downloads](https://sciex.com/software-support/software-downloads)
2. Deactivate the hardware profile. Close the Analyst® software.
3. Double-click **Analyst TF 1.7.1 HotFix 1.exe** file and then follow the on-screen instructions.

When the HotFix is installed, a new entry is added to the Programs and Features list in Control Panel. Additionally, on the Windows 7, 32-bit or 64-bit operating system, a shortcut to the Release Notes can be found under: **Start > All Programs > SCIEX > Analyst TF**. On the Windows 10, 64-bit operating system, a shortcut to the folder that contains the Release Notes can be found under: **Start > SCIEX Analyst TF > Analyst TF Documentation**.

Updated files

The patch updates the following Analyst TF® software files:

- QueueDispatcher.dll
- ID__gpib.dll
- DDMSMassSpecQS.dll
- DDMSMassSpecQS32.dll

These files can be found in the following folders:

- On 32-bit operating systems: C:\Program Files\Analyst\bin
- On 64-bit operating systems: C:\Program Files (x86)\Analyst\bin

Remove the Software

1. Open **Control Panel** and then click **Programs and Features**.
2. Select **Analyst TF 1.7.1 HotFix 1** from the list and then click **Uninstall**.

  **Note:** Removal of the Analyst® TF 1.7.1 HotFix 1 restores the Analyst® TF 1.7.1 software version that was available prior to the installation of this HotFix. However, any patches that were removed during the installation of the Analyst® TF 1.7.1 HotFix 1 are not restored.
Known Issues and Limitations

Intermittent batch failure was observed while running an IDA method with a long duration due to an Analyst® TF software service memory leak (ATF-672). The issue will be fixed in the Analyst® TF 1.8.1 software. The current workaround is to restart the computer every week.
Release Notes

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AB Sciex Pte. Ltd.
Blk 33, #04-06 Marsiling Ind Estate Road 3
Woodlands Central Indus. Estate SINGAPORE 739256