

MPX™ Driver Software

Software for Routine High Throughput LC/MS/MS
Version 1.2.1

New Features and Changes

- In addition to supporting the Analyst® 1.5.2 Software with HotFixes to February 2011 and Analyst software version 1.6, the MPX™ driver software now provides support for Analyst software version 1.6.1. The Analyst 1.5.1 software is no longer supported.
- The MPX driver software now provides support for the QTRAP® 4500 and the AB SCIEX Triple Quad™ 4500 mass spectrometers.
- A number of issues that could result in potential data integrity issues were resolved.
- When one or both streams went into a fault state and the queue stopped, if the user pressed the Reset button within a 90-second window, the MPX driver software might automatically start the Analyst software queue again. When this occurred, the user was not able to run blank samples to remove any sample residue from the affected streams. This issue has been fixed and the user now is responsible for starting the Analyst software queue again.
- To make sure that acquisition of the highest quality of data is achieved, any changes to the system clock, for example, an automatic Daylight Savings Time change, a regional settings change, a manual time change, or an automatic server time synchronization, when an acquisition is in progress, will cause the current active sample and the look-ahead sample to abort. The corresponding stream might go into a permanent fault state. To minimize potential stream faults, we recommend that users do not make time changes when running the MPX driver software.
- When the MPX driver software is open and in the Ready state or running jobs, the software will disable the NTP server to prevent system clock changes and minimize potential stream faults due to time changes.
- Occasionally, when the MPX driver software was opened, the LC pump maximum pressure limit was reset to a lower value than expected. This issue has been fixed.
- In the MPX driver software Walk-Up mode, if a stream goes into a fault state during the acquisition window defined by the method, a green border incorrectly appeared around the non-faulted stream status information pane indicating that an acquisition is in progress, and remained illuminated for the duration of the acquisition window. This issue has been fixed. (TT 35482)
- If both streams went into a fault state when a batch was submitted using the Analyst software, and the user pressed Reset to recover the streams and then starts the queue again, the first sample in the Analyst software failed because of an "Acq.Error". All remaining samples in the batch were suspended. This issue has been fixed. (TT 35707)

Where to Get Help

Other Documentation

- MPX™ driver software *Help*
- *MPX™-2 High Throughput System Quick Reference Card*

Support

- support@absciex.com
- www.absciex.com
- Customer Documentation: techpubs@absciex.com

Requirements

- Windows XP operating system with SP3 or the Windows 7 (32-bit) operating system with SP1.
- One of the following versions of the Analyst software:
 - Analyst® 1.5.2 Software with HotFixes to February 2011
 - Analyst® 1.6 Software
 - Analyst® 1.6.1 Software**Note:** Analyst® 1.5.2 Software with Components for SelexION™ Technology is not supported.

Supported Equipment

- All mass spectrometers supported by the Analyst 1.5.2 software with HotFixes to February 2011 or higher are supported.
- Shimadzu Prominence LC system. Refer to the *MPX™ Driver Software 1.2.1 Site Planning Guide* for the specific configuration supported.
- The firmware for Shimadzu Prominence CBM lite system controllers must be version 1.20 or higher.
- Dell T3400, Dell OptiPlex 960, and Dell OptiPlex 990 computers.

Installation Instructions

- A new installation of the MPX driver software must be performed only by qualified AB SCIEX personnel.
- An upgrade from version 1.0 or version 1.1 must be performed only by qualified AB SCIEX personnel.
- To upgrade from version 1.2, refer to the *MPX 1.2.1 Driver Software Installation Guide for Upgrades*, available in the executable file or on the installation DVD.

Known Issues and Limitations

- When the MPX driver software is installed on a computer configured with the Windows 7 operating system, and the User Account Control (UAC) setting is Default—Notify me only when programs try to make changes to my computer, the Analyst software must be run as a user with Administrator privileges (right-click the

Analyst software icon, click Run as, and then select a user with Administrator privileges), otherwise, the following issues occur: (TT 34204)

1. During license activation, the MPX driver software cannot copy the license file to the correct location and the license activation will fail.
 2. If the MPX.Service is stopped, the MPX driver software cannot be opened.
- When submitting multiplexed samples using the Cliiquid[®] software, the Project name shown in the MPX driver software Methods workspace might not match the Project name selected in the Cliiquid software workflow and shown in the Analyst software. However, the acquired data is stored in the correct project folder. (TT 35524)
 - When submitting batches of multiplexed samples using the Cliiquid[®] software, equilibrating the system between two jobs might cause the LC stream to abort during the post run of the sample, before the last LC gradient is completed. The stream goes into a fault state and the subsequent batch is not started. (TT 35832)
 - When the sample on the look-ahead stream is cancelled while the sample on the current stream is injecting, the MPX driver software might stop responding, leaving the injection in an unstable state. The injection is not completed. (TT 36176)

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