

**HotFix 5 for Analyst® 1.4 Release Notes**

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## **INTRODUCTION**

“HotFix 5 for Analyst 1.4” (subsequently referred to as “HotFix 5”) is only intended for users running Analyst 1.4. This HotFix addresses network acquisition problems that have been found in Analyst 1.4. For full details of modifications included in this release, see *Specific Improvements and Fixed Issues* in this document.

HotFix 5 contains one self-extracted executable program called ‘**HotFix 5 for Analyst 1.4.exe**’ which can be obtained from the Applied Biosystems/MDS Sciex web site:

<http://www.appliedbiosystems.com/support/software/lcmsms/updates.cfm>

The fixes in this update will also be included in the next full release of Analyst software – Analyst 1.4 epack1.

## **REQUIREMENTS**

HotFix 5 requires that Analyst 1.4 software be installed on the computer. HotFix 3 must be installed on your machine, either before or after HotFix 5, if you are using a Windows Active Directory environment.

## **BEFORE INSTALLING**

Applied BioSystems/MDS Sciex recommends that the following steps be taken before you install the HotFix 5.

### **To help ensure the satisfactory installation of the HotFix 5:**

1. Read release notes entirely.
2. Ensure that you have administrator privileges for the computer on which you want to install. Contact your IT group if you are unsure of your access rights.
3. Ensure that the Analyst 1.4 software is not running.

## **INSTALLATION INSTRUCTIONS**

HotFix 5 extracts three files :

- an installer file (**HotFix 5 for Analyst 1.4.exe**)
- a HotFix /patch information utility (**PatchInfo.vbs**)

- a document detailing the usage of the HotFix /patch information utility (**HowToUsePatchInfoScript.doc**).

The installer for HotFix 5 replaces the following files from the Program Files\Analyst\bin folder:

- **DDMSMassspec.dll**
- **FMWIFFCompDocNTDriver.dll**
- **ParamSettings.dll** (if Hotfix 1 is not installed)

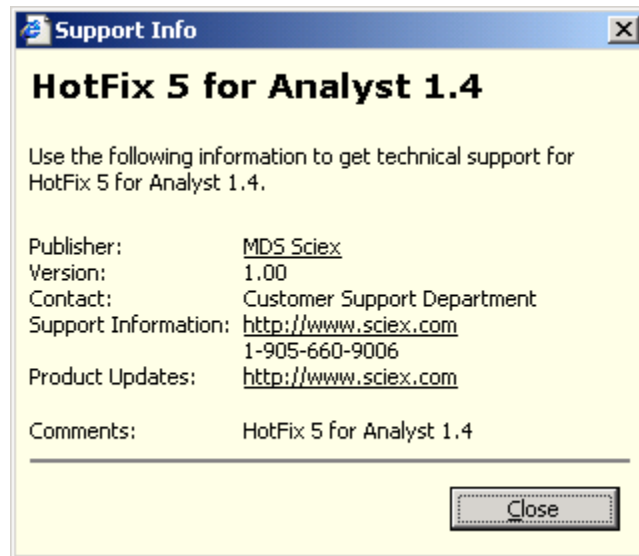
HotFix 5 can be installed in the presence or absence of HotFixes 1, 2, 3 or 4. That is, HotFix 5 can be installed with any combination of the previous Hotfixes already running on the system. They are not required.

The only exception occurs when the software is being run in a Windows Active Directory environment in which case HotFix 3 is still required.

#### **To install HotFix 5 for Analyst 1.4**

1. Download HotFix 5 for Analyst 1.4 from the Applied Biosystems website at:  
<http://www.appliedbiosystems.com/support/software/lcmsms/updates.cfm>
2. Using administrator privileges, log on to the computer on which you want to install HotFix 5 for Analyst 1.4.
3. Ensure that the Analyst software is not running.
4. Browse to the folder where you saved the downloaded HotFix 5 file.
5. Double-click on 'HotFix 5 for Analyst 1.4.exe' to extract:
  - one installer file (**HotFix 5 for Analyst 1.4.exe**)
  - one HotFix/patch information utility (**PatchInfo.vbs**)
  - one document detailing the usage of the HotFix/patch information utility (**HowToUsePatchInfoScript.doc**).By default they are extracted into the **c:\HotFix 5 for Analyst 1.4** folder.
6. Browse to the folder where you extracted the HotFix 5 installer files.

7. Double-click on the 'HotFix 5 for Analyst 1.4.exe' file.  
The HotFix 5 Installer Wizard opens.
8. Follow the instructions provided in the wizard.
9. To verify that HotFix 5 is installed, in **Control Panel** under **Add/Remove programs**, select **Hotfix 5 for Analyst 1.4** and click on "support information". A dialog will appear (see below) displaying information about the current install, including the version number. If HotFix 5 was installed properly, **1.00** will be displayed in the version information field and "HotFix 5 for Analyst 1.4" will appear in the comments field.



10. Hotfix 5 for Analyst 1.4 may be uninstalled from **Control Panel** under **Add\Remove programs**.

## **SPECIFIC IMPROVEMENTS**

The following issues are corrected by HotFix 5:

Network acquisition, on occasion, results in large spikes in data or flat (no data) regions of the .wiff file. During acquisition, the chromatograms appear to be normal, but when acquisition is complete the following problems appear:

1. When using the 'flat file for scan data', the data is acquired correctly, but there are some parts where the data is not stored properly. This usually occurs:

- in the TIC at the beginning of acquisition.
- on displaying the Data List, a considerable number of consecutive points have incorrect values for intensity. These values are either zero or huge numbers i.e. 1.67e 34.

2. When using the single format ('flat file for scan data' not selected), the incorrect data is located in the middle of acquisition.

Note: Due to these spikes in the Graph Control display of the TIC, the lower intensities are not visible. When extracting the TIC (display a spectrum, then right click and select "Show TIC") the incorrect data seem to be normal because all intensities are displayed.

## **COMMON QUESTIONS**

To obtain answers to questions about any of our products, report problems, or suggest improvements, please visit <http://www.appliedbiosystems.com>. For on-site service, support, and training, please contact your local Applied Biosystems Sales or Customer Service Representative.

**Does the installer replace existing files?**

**Yes. The HotFix 5 replaces the following files from the Analyst\bin folder:**

- DDMSMassspec.dll
- FMWIFFCompDocNTDriver.dll
- ParamSettings.dll (if Hotfix 1 is not installed)

## **How can I tell if the HotFix 5 has already been installed?**

Run the **PatchInfo.vbs** utility by double clicking it. When run, the utility will inform the user of all Hotfixes and patches for Analyst 1.4 that have been installed on the system. The document **HowToUsePatchInfoScript.doc** provides the details of this utility.

Alternatively, in **Control Panel**, double-click **Add/Remove Programs** and you will be able to find the entry “**HotFix 5 for Analyst 1.4**” .

## **Can this HotFix 5 be uninstalled?**

HotFix 5 includes an automatic uninstaller. To uninstall HotFix 5 for Analyst 1.4 use **Control Panel** and double-click **Add/Remove Programs**. Select **HotFix 5 for Analyst 1.4** from the list and click **Change/Remove**. This will remove the HotFix 5 from the computer and restore the files **DDMSMassspec.dll**, **FMWIFFCompDocNTDriver.dll** and **ParamSettings.dll** to their previous configurations.

## **Does the order of installation or removal of the HotFixes matter?**

There's no specific order of installation or removal of the HotFixes.

**In order to uninstall Analyst 1.4 the HotFixes must be removed first,** using **Control Panel, Add/Remove Programs**.

## **Has HotFix 5 for Analyst 1.4 been fully tested?**

Yes. HotFix 5 has undergone formal testing and meets the requirements for a HotFix release.