

## Release Notes

# Syngistix™ for ICP-MS HotFix 2

For the Syngistix v.2.4 Enhanced Security software

May 2020

PerkinElmer, Inc.

This release is intended to provide additional functionality to users of the Syngistix for ICP-MS v2.4 ES Software. HotFix 2 is a cumulative release, containing all of the functionality of HotFix 1 plus additional material; it may be installed directly over the 2.4 ES software or over HotFix 1.

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### Validation Certificate

This hotfix will not alter any of the viable information stored in any of your existing Syngistix Enhanced Security databases, nor will it affect the software or any data it has produced or will produce in the future. Only unusable data fragments are removed; and all code changes are isolated to the replacement files alone.



Fadi Abou-Shakra  
Portfolio Director ICP-MS  
PerkinElmer Inc.

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### This Syngistix™ for ICP-MS hotfix provides the following corrections and enhancements:

1. Software support has been added for the new PerkinElmer S23 and S25 Autosamplers. These autosamplers may now be activated in the software via the Control screen Devices tab. **To select the desired tray file, browse to the Autosampler folder in your Syngistix software program files directory, located by default at C:\Program Files (x86)\PerkinElmer\Syngistix-ICPMS\Autosampler.** (JIRA SIE-6656)
2. Software support has been added for Cetac ASX-100 Series Autosamplers using round trays. A new tray position text entry option is available via the Control screen Devices tab. Here you will enter the tray position number at which you wish the probe to start, rather than using the visual tray selection graphic. (JIRA SIE-3694)
3. An issue has been corrected wherein, after a batch run and subsequent final wash execution, the autosampler probe did not automatically return to the standby position. (JIRA SIE-3692)

### This release also incorporates all corrections provided with HotFix 1 (March 2019):

1. We have corrected an issue wherein datasets were not created when reprocessing data without having the originating Method file in your project folder. Enhanced Security users can now consistently and correctly reprocess data without original conditions. (JIRA SIE-5906)
2. An issue in the Enhanced Security software has been corrected to ensure that all method modifications — including those involved in the configuration and initialization of devices such as autosamplers and autodiluters — correctly prompt a modified flag in the system, and a visible notice in the software title bar. (JIRA SIE-2852)
3. An issue wherein data export from the Reporter function did not work if the *Challenges and Electronic Signatures* features were enabled in the ES Setup utility has been corrected. Enhanced Security users can now export to Excel with all functionality enabled. (JIRA SIE-3109)

4. We have corrected an issue wherein, when you reprocessed a dataset using original conditions, any reagent blank calculations were improperly processed, resulting in faulty data. The relevant algorithms have been updated, so that they now produce the correct data. (JIRA SIE-2798)

**Note:** This correction applies to new datasets only. **To reprocess data captured prior to this hotfix, use the following workaround:**

- a. In the Syngistix software, on the **Dataset** panel, manually open the desired dataset.
  - b. **Check** the **Use Original Conditions** check box; select the QC reagent blank in the sample list; and then click **Reprocess**.
  - c. In the file types drop-down list, select the related **Method** and **Report Options** files in turn, and click **Load** for each.
  - d. **Uncheck** the **Use Original Conditions** check box, and select and **Reprocess** the remaining samples as desired.
5. An issue surrounding database size handling and file management has been corrected so that the user will no longer see erroneous database error messages when running samples and saving files in their Enhanced Security system. (JIRA SIE-3110)

## HotFix Installation

1. Ensure that all of your Syngistix software applications and utilities are closed.
2. On the **HotFix 2 USB key**, locate and run the hotfix installation file **Installer.Hotfix.2.4.exe**.
3. Run your software as usual.
4. Proceed to archiving and restoring your database.

## Perform an Archive & Restoration of your ES Database

**Note:** You do not need to perform this task if you previously installed HotFix 1.

After installing the hotfix files, you should perform a full archive and restore of your existing files to optimize the newly updated database.

1. In the **ES Tools** window, click **Archive**. The Archive dialog box appears.
3. In the **Archive Date** section, select the **All** option.
4. In the **Archive By** section, select the **Project Folder** option. Specify the location in which the archive should be placed by typing a full path name or clicking **Browse** and selecting a folder.
5. In the **Add a description** text box, name this archive **HotFix\_<today's date>**.
6. Click **Archive**. When prompted to confirm the operation, click **Yes**. The **Status** bar shows the progress.
7. When the archive is complete, in the **ES Tools** dialog box, click **Restore**. The Restore dialog box appears. Type the full path and name of the hotfix archive file, or click **Browse** to locate the file.
8. Choose a folder into which to restore the file by typing the full path of the folder, or click **Browse** to locate a folder.
9. Click **Restore**. A confirmation dialog box appears, reminding you that any files in the destination folder that have names identical to those in the archive will be overwritten. To confirm the restore operation, click **Yes**. The **Status** bar shows the progress of the operation. When the operation is complete, a dialog box appears reminding you to launch ES Setup to define the restored folder as a project folder and assign it to a user.
10. Click **Exit**. You may now use the software as usual.