

LipidView™ Software

Version 1.1

Introduction

This document describes LipidView™ Software version 1.1, an Analyst® software add-on application for finding, identifying and quantifying lipids from data collected using AB SCIEX QTRAP®, AB SCIEX Triple Quad™, QSTAR®, or AB SCIEX TripleTOF™ 5600 systems.

New Features and Changes from Version 1.0 to Version 1.1

LipidView™ software has been rebranded to reflect our new AB SCIEX corporate identity. Changes related to the software vendor information, product branding, and copyright information are introduced in this version.

Data files acquired using the AB SCIEX TripleTOF™ 5600 system can be processed using the LipidView 1.1 software.

Analyst® QS software is not supported with this release; however QSTAR® system customers can install Analyst TF 1.5 software on a processing computer and process QS data using LipidView 1.1 software and Analyst TF 1.5 software.

A number of enhancements have been included in this version of the software, including but not limited to the following:

- Improved support of LC data processing
- When installed with Analyst TF 1.5 software, the ability to perform concurrent reviews of MS and MS/MS data is provided for Information Dependent Acquisition (IDA) data and Precursor Ion Scan (PIS) with store TOF MS/MS option

Where to Get Help

Other Documentation

- LipidView™ Software 1.1 User Guide
- LipidView™ Software 1.1 Quick Guide and Overview

Support

For support, contact AB SCIEX

- Email: support@absciex.com
- Web: www.absciex.com

Requirements

- Read these release notes.
- Make sure that you have Administrator privileges for the computer on which you want to install the software. Contact your IT group if you are unsure of your access rights.
- You must have Internet access to obtain a license for the software.

- The system requirements are those of Analyst® 1.5 software and Analyst TF 1.5 software.
- The following software is required to install the LipidView™ software:
 - .NET framework 2.0 or higher.
 - Analyst software version 1.5 or higher or Analyst TF software version 1.5.
 - MS Word 2003 or higher is needed to support reporting functionality.
 - MS Access is not essential; however, it is required for customizing information in the lipid database.

Installation

Insert the LipidView™ software installation DVD into the DVD-ROM drive. If .NET Framework 2.0 or higher is not installed on the computer, the installer automatically installs .NET Framework 2.0. The Setup dialog appears when you insert the installation DVD. After .NET Framework 2.0 is installed, the Setup dialog closes and the LipidView™ 1.1 InstallShield Wizard dialog appears. If the InstallShield Wizard dialog does not appear, navigate to the DVD-ROM drive and then double-click **setup.exe**. Follow the instructions to install the software.

On computers with automated file encryption, install the **LipidView Data** folder in a location where encryption is not activated.

Upgrade

The LipidView 1.0 database is not compatible with the LipidView 1.1 software; however, during an upgrade, the version 1.1 installer will merge user-entered data from the LipidView 1.0 database with the new LipidView 1.1 database. In addition, the pre-installed LipidView 1.0 MS/MS fragment files will be overwritten during an upgrade. If you have modified these files, AB SCIEX recommends that you create a backup before performing the upgrade. Once installation is complete, merge the changes with the new fragment files.

Activation

The first time you run the LipidView™ software, you are prompted to license the software. Follow the instructions provided on the activation dialog to obtain the required license.

Known Issues and Limitations

The following are known issues and limitations of this version of the LipidView™ software:

- The number format in Windows must follow the American standard, that is, '.' is a decimal separator.
- Lipid calculators do not display information for ether species or for ¹³C peaks.
- LipidView software does not support data translated to *.wiff format using the translator utility within Analyst® software.
- MS/MS spectra acquired with Information Dependent Acquisition (IDA) can be viewed as an average spectrum for each experiment. The Analyst 1.5 software IDA Viewer should be used to review individual MS/MS data.

- Multiple-experiment spectra can be reviewed only for samples that were acquired with the same acquisition methods and have the same period/experiment structure.
- If the same experiment was a part of two different periods, only the spectrum of the first occurrence can be viewed in LipidView software.
- Batch processing of more than 50 files requires CPU RAM > 2 GB for efficient loading and reviewing of the results.
- Correction for internal standard response is handled well in Results View and View Profiles windows. The main Results window should be used for preliminary review of raw identification data.
- Reports are automatically saved and linked with Session files. If a Session is renamed, the link to the corresponding report is broken; however, all reports remain and can be retrieved from the LV Reports folder. The user is requested to create a new report.
- The response time of the Load Data function in the LipidView software may be slower than normal when the data contains a large number of experiments.
- On occasion, if the computer display settings have been changed, the LipidView software may not display correctly when it is opened. For example, if the previous display settings included a dual monitor configuration, and you have changed the settings to a single monitor configuration, the LipidView software window may not appear on your primary monitor when it is opened; the software automatically defaults to the monitor where it was last displayed. To resolve this issue, right-click the LipidView software item in the Windows taskbar, and select Maximize (ST 28454).

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