Forensics High Resolution MS/MS Spectral Library Version 1.0 for Use in MasterView™ Software and LibraryView™ Software

For Research Use Only. Not for Use in Diagnostic Procedures.
Forensics High Resolution MS/MS Library Version 1.0

An overview of the licensed mass spectral library for forensics compatible with MasterView™ and LibraryView™ software

The MasterView™ and LibraryView™ software package is a fast way to analyze large batches of MS/MS data for accurate and efficient MS/MS library searching, data mining, and compound database management. We have assembled a high resolution, accurate mass MS/MS spectral library containing 370 compound entries. This library was created using certified reference materials and can be used in MasterView™ and LibraryView™ software to perform MS/MS library searching or to create custom screening and/or quantitation methods using the integrated MS and MS/MS information.

Features of this high resolution MS/MS spectra library:

- Includes data on 370 compounds commonly tested for in forensic samples.
- Includes 517 high resolution MS/MS spectral library entries including individual spectra acquired using distinct collision energies, as well as a single spectra using collision energy spread representing the sum of three collision energies.
- Contains spectra for both positive and negative ionization for compounds that ionize in both polarities.

Advantages of using this MS/MS spectral library:

- Use the integrated MS and MS/MS information to build methods without the need to infuse standards and optimize conditions for a given compound.
- Easily create processing methods for a TOF-MS-IDA-MS/MS workflow for use on TripleTOF® LC/MS/MS systems.
- Quickly set-up XIC tables for quantitation and identification in MasterView™ software.
- Set-up smaller customer libraries by simply selecting only the compounds of interest from the list in LibraryView™ Software.

The following is a list of the compounds currently in the library. This library is verified for use on AB SCIEX TripleTOF® and QTRAP® LC/MS/MS systems.

Please note that this library is continuously being expanded to include additional compounds.

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