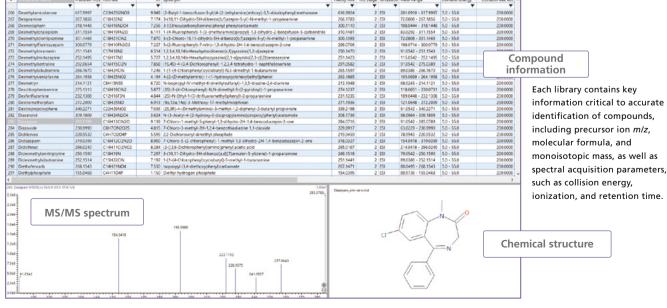


Perform forensic toxicology screening for drugs of abuse, psychotropic drugs, pharmaceuticals, pesticides, and natural toxins using this high-resolution accurate mass database.

#### MS/MS Spectra for over 1,900 Toxicological Substances

The High Resolution Accurate Mass (HRAM) Library includes two MS/MS spectral libraries. Each library is built using two different separation conditions and is suitable for targeted or non-targeted screening of drugs of abuse, psychotropic drugs, pharmaceuticals, pesticides, and other compounds of toxicological interest.



**Example of Library Entry** 

STEP 3

# High Resolution Accurate Mass Library for Forensic Toxicology Ver. 2

### Simple Data Analysis Using LabSolutions Insight Explore™

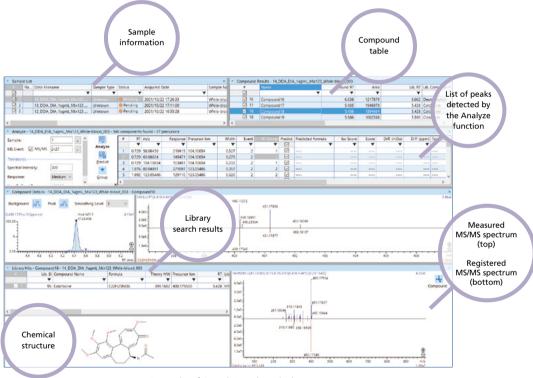
Data acquired with a Shimadzu QTOF system can be analyzed easily using LabSolutions Insight Explore software. Library searching and compound identification can be performed in just three steps. Search results are displayed in a format that is visually easy to understand.

## Procedure for Compound Identification by Searching the Library

Use Insight's Analyze function to detect peaks in the mass spectrum and register results in the compound table.

STEP 2 Search the MS/MS library for spectra with similarities to detected compounds.

Check library search results along with library similarity score and chemical structure.



**Example of Search Results Window** 

#### Remarks and Precautions

- 1. LabSolutions LCMS Ver. 5.128 or later and LabSolutions Insight™ Ver. 4.2 SP1 or later are required.
- 2. This library is intended for research use only. It may not be used for clinical diagnostic applications.

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