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AB SCIEX LibraryView software to screen contaminants

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AB SCIEX launches software for high-throughput screening



Singapore: AB SCIEX launched a new application called LibraryView Software that enables faster and more reliable identification of contaminants in food, environmental, clinical research, and forensic toxicology samples.

The new software is the first-of-its-kind that enables scientists and lab technicians to screen hundreds of samples for hundreds of potential contaminants and residues, using customized compound libraries uniquely associated with different methods. Coupled with QTRAP and TripleTOF technologies, this new software adds a new dimension of speed and reliability to screening workflows. LibraryView Software is now available to view for evaluation from any computer anywhere via AB SCIEX's cloud computing-based "virtual demo" site.

LibraryView Software takes advantage of the integrated qualitative and quantitative functionality of QTRAP and TripleTOF technologies, enabling acquisition of full scan MS/MS spectra of compounds or contaminants present in a sample at high sensitivity. The full MS/MS spectrum delivers all of the significant fragments of the compound of interest, creating a compound 'fingerprint.'

It enables more reliable compound identification compared to standard identification with only one or two fragments or MRMs. Library searching against the full MS/MS fingerprint produces more robust library comparisons and more reliable identification of compounds. It helps to minimize potential false positive assignments for sensitive samples.

"Obtaining fast and reliable answers is at the heart of high-throughput screening," said Mr Dave Lavorato, product manager, AB SCIEX. "LibraryView Software provides a quick way to screen samples and get answers without laborious data processing and data review."