

World's Fastest ICP-MS Analysis: Proven!

Look into the elements of the new OptiMass 9500 and discover tomorrow's answers today.

OptiMass 9500 ICP-otofMS

Rapid simultaneous analysis of all elements enables unique retrospective semi-quantitative analysis.

Today's data can be analysed in the future for isotopes not previously considered.

New Fingerprint analysis mode allows users to statistically compare spectra from different samples.

Mass range of 1 to 260 amu allows analysis of hydrogen isotopes,

Packaged USEPA environmental applications.





AAS





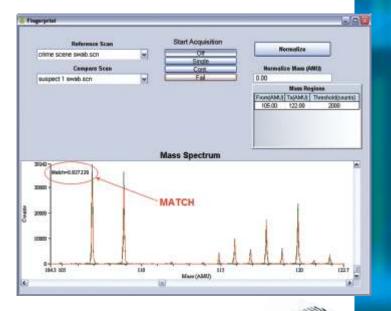




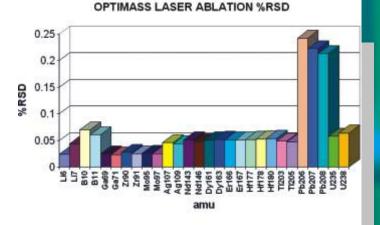


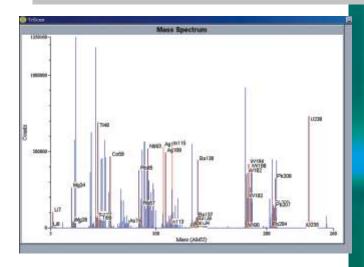




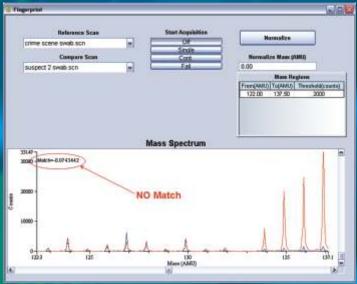


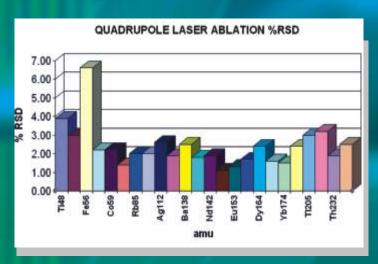
The OptiMass 9500 offers 6 times greater stability than a standard Quadrupole.





When comparative studies are required such as in Forensic Science, it can be very useful to use spectral fingerprinting. This type of analysis allows spectra to be compared to determine how closely they match by giving a figure from 0 to 1. This comparison is achieved using a statistical algorithm that compares a test spectrum to a known spectrum.





The ICP-oTOFMS offers the unique feature of powerful retrospective semi-quantitative analysis mode not available on any other form of ICP-MS.

The ICP-oTOFMS Semi-Quantitative analysis uses factory defined relative sensitivity factors (RSF) to define the detector response to an unknown concentration of analytes. The simultaneous nature of the OptiMass 9500 allows not only semi-quantitative, but also retrospective semi-quantitative analysis (RSQ).

GBC Scientific Equipment 12 Monterey Road Dandenong, Vic 3175 Email: nhughes@gbcsales.com.au

