An illustration of the comparative nature of the two peak detection algorithms

The figures contain isotopic distributions taken from different samples (Spectrum Number: 3, 5, 6, 8, 10, 15, 25) of Human Plasma Samples. A smoothed version of the intensity values is displayed. The location of the (monoisotopic) peak detected by our method is indicated by a blue carat and a red solid vertical line; the locations of the multiple peaks detected by the LIMPIC software are denoted by dashed green vertical lines.

Spectrum Number 3

![Graph showing the comparison between MONO and LIMPIC methods for peak detection.](image URL)
Spectrum Number 5

![Spectrum Graph]

- Intensity
- m/z
- Red line: MONO
- Green dotted line: LIMPIC
Spectrum Number 6

Intensity

m/z

MONO
LIMPIC

9340 9360 9380 9400 9420 9440
Spectrum Number 10

Intensity

m/z

MONO
LIMPIC
Spectrum Number 10

![Graph showing mass spectrum with peaks at m/z values 16880 to 17000, intensity ranging from 0 to 10000. Two curves: red for MONO and light green for LIMPIC.](image)
Spectrum Number 15

![Graph showing intensity vs. m/z with peaks at 6630 and 6650]