

SubAP/MALDI(ng)

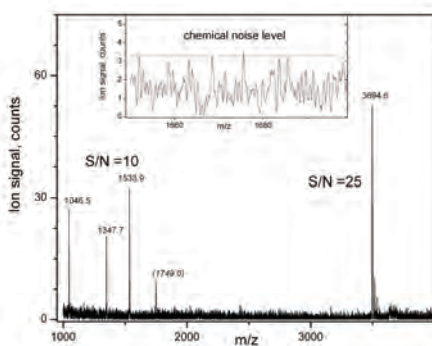
Ultra-High Spatial Resolution
combined with High Sensitivity



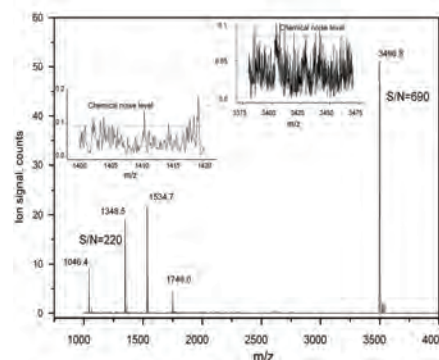
Features

- Operates at 0.5-10 Torr pressure
- Spatial resolution 8-50 μm
- Ion-funnel technology

AP-MALDI



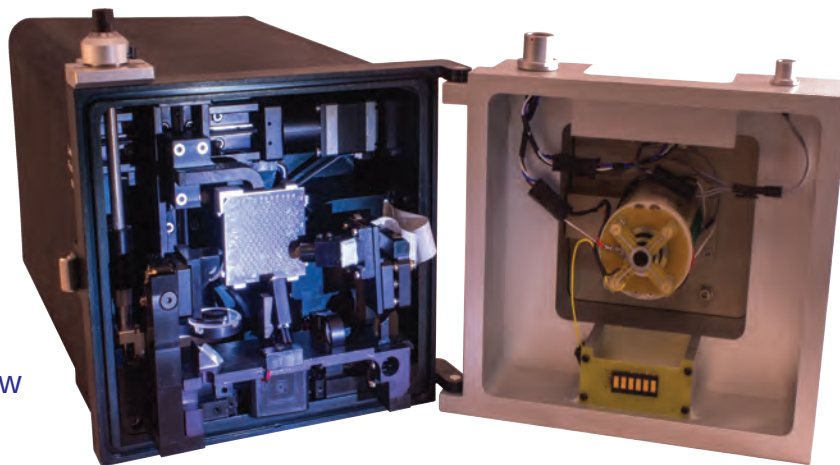
SubAP-MALDI (1 Torr)



...Get 5-20 fold increase in S/N of peaks when
analyzing MALDI samples!

SubAP/MALDI(ng)

...with ultra-high spatial resolution

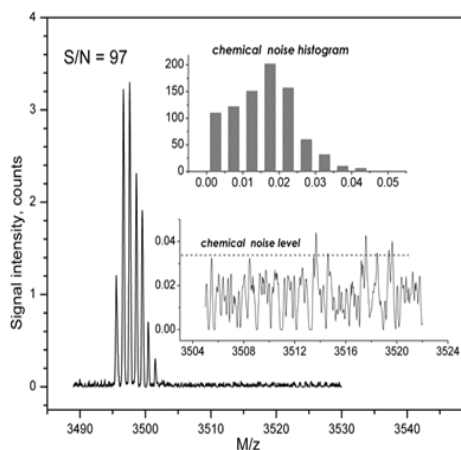


MALDI plate view

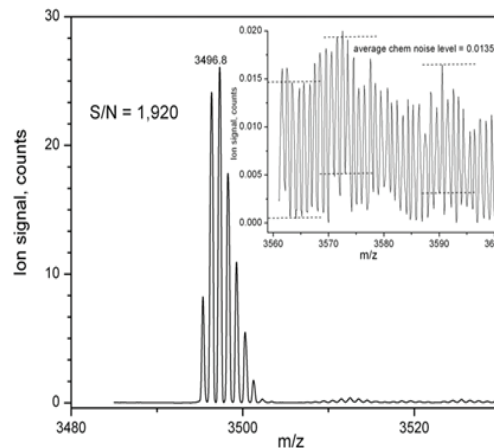


Ion funnel view

AP-MALDI



SubAP-MALDI



1 pmol/1 μ L, dried-droplet, DHB 5 mg/mL

High-resolution (zoom) spectra of Insulin chain B (20-fold increase in S/N)

Compatible with
LTQ/Velos
LTQ-Orbitrap
Q-Exactive

- Compact Design
- Ion-funnel technology
- Easy change of samples