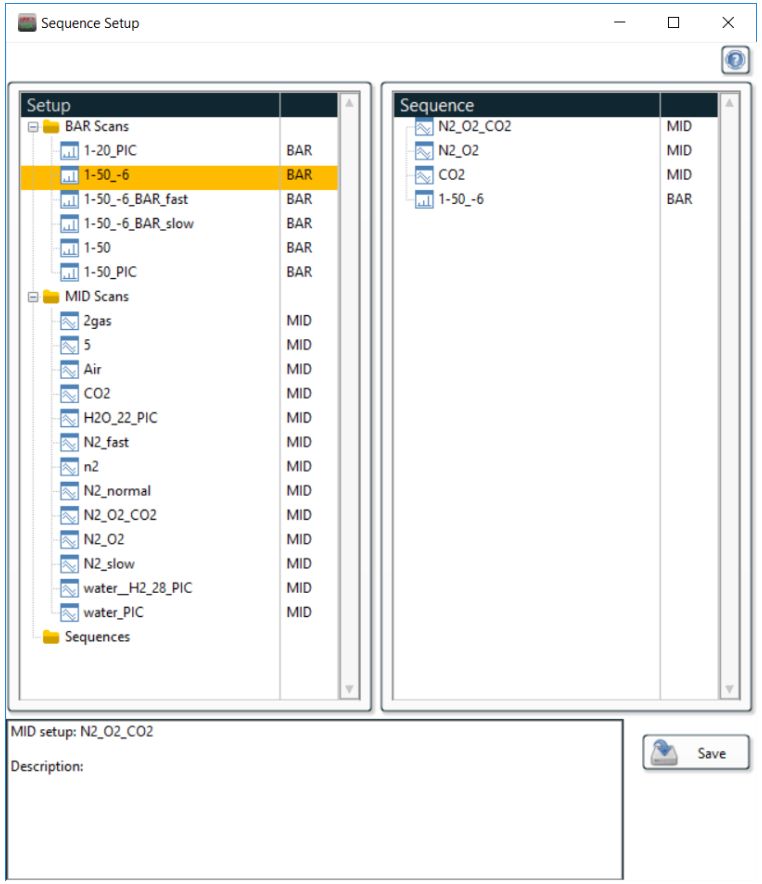
Hiden EGAsoft

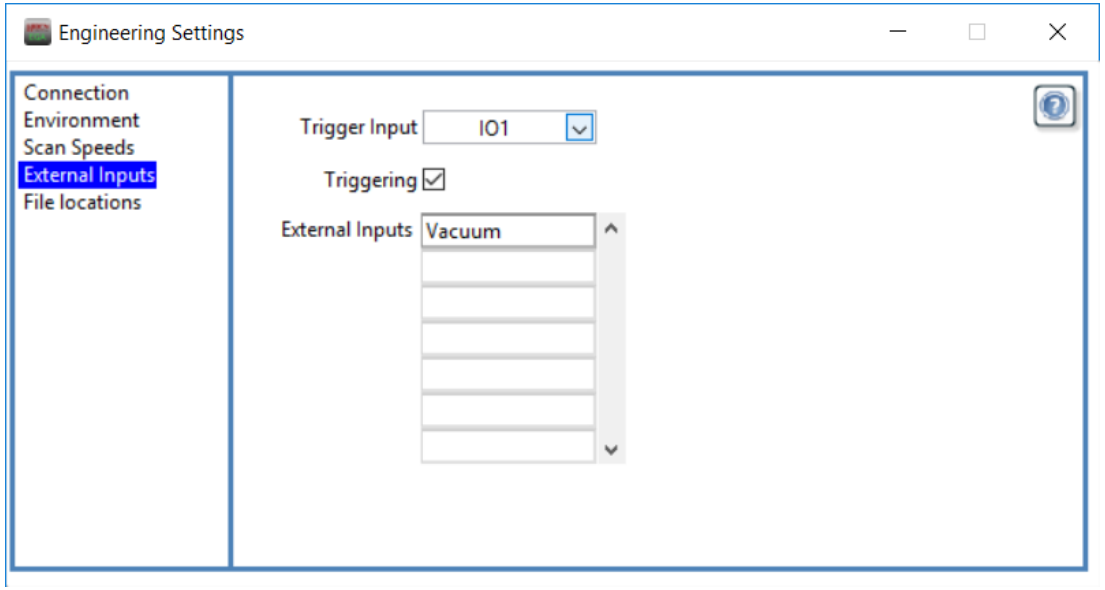
Data Acquisition software for TGA-MS Applications

Auto Sequencing Software



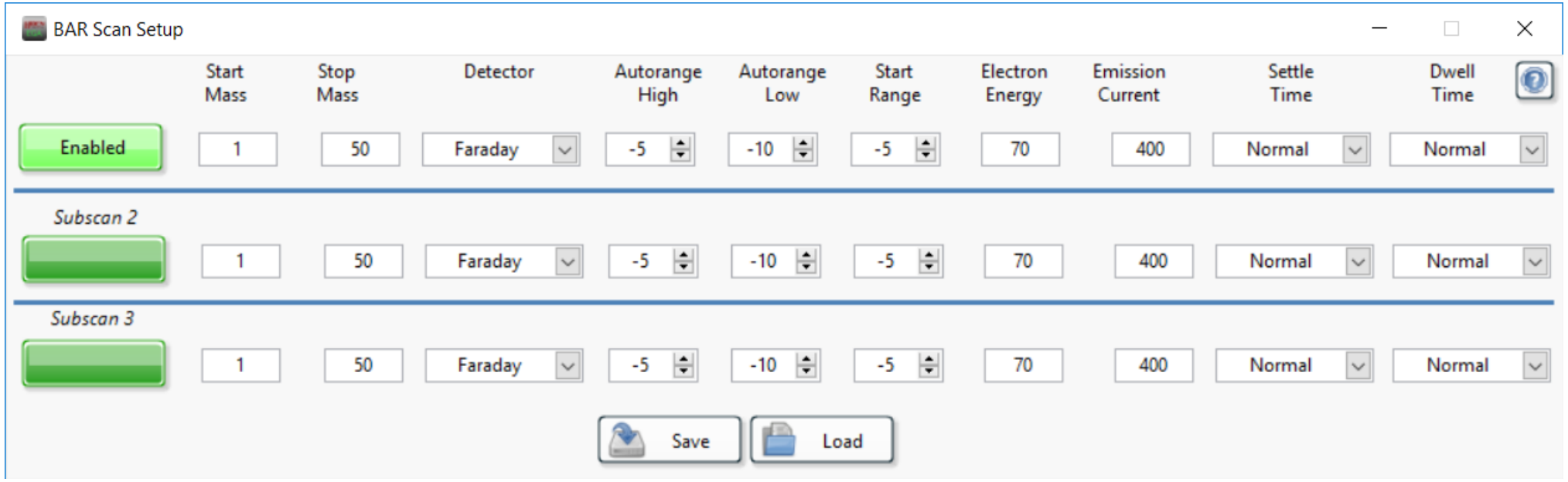
Configure a sequence of optimised scans for multiple stage analysis. Scans separated by start/stop signal

Simple Stop/Start Command Setup



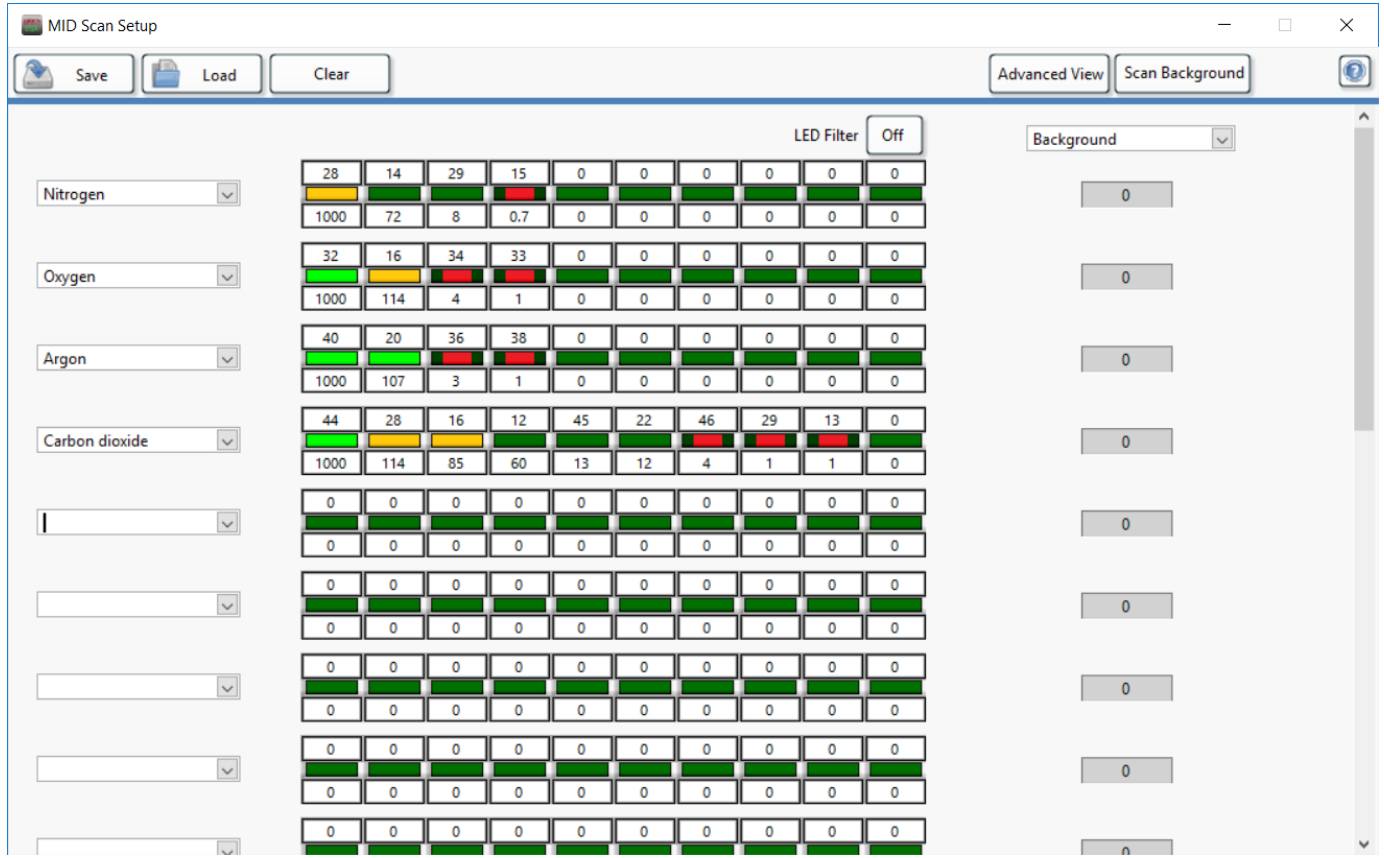
Auto Start/Stop setup configured by simple switch control

Configure Multiple Bar Scans



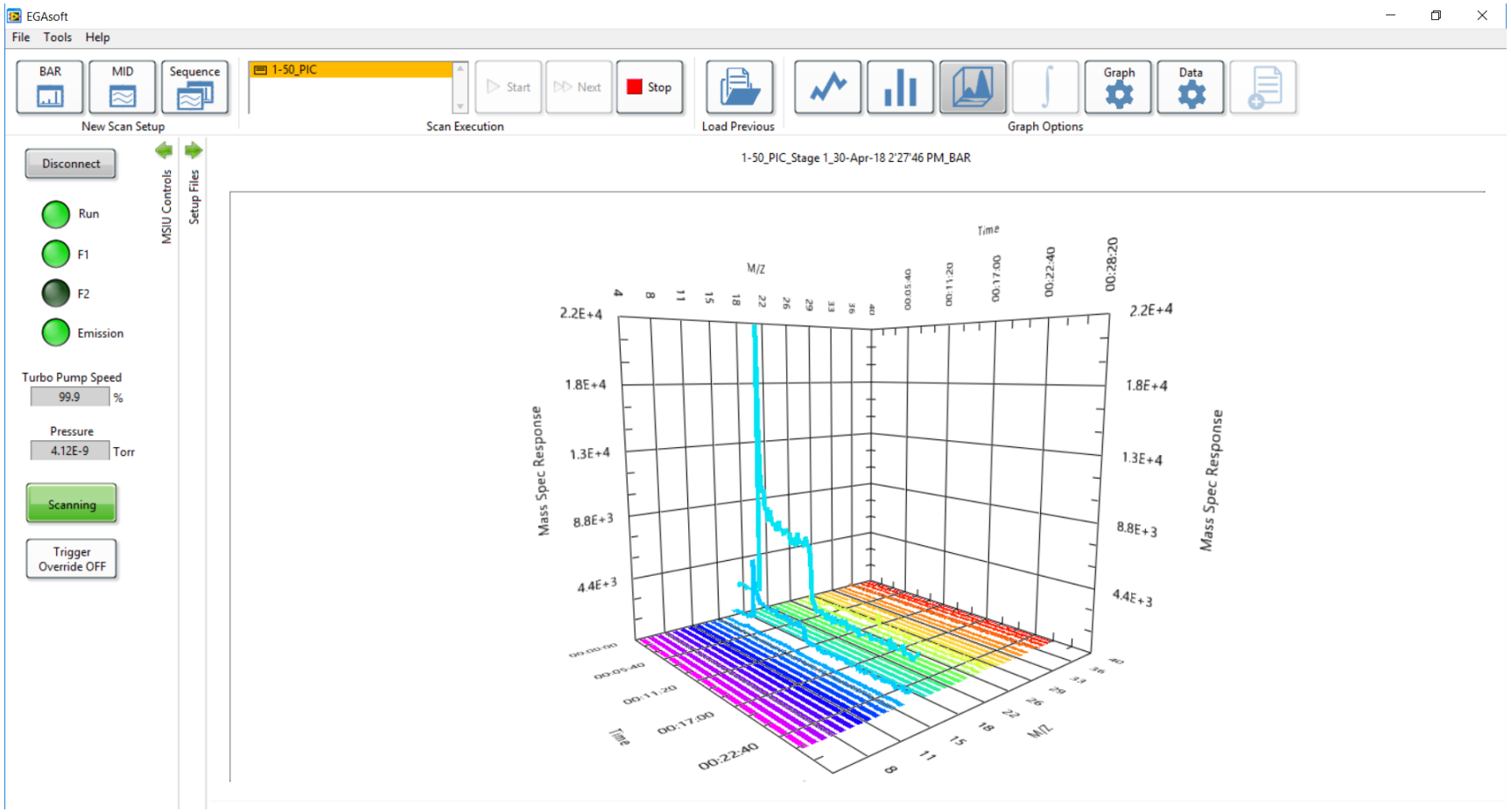
Bar scan setup – run up to 3 bar scans at a time.
The mass regions of interest are scanned, the parts of the mass range of no interest are ignored, reducing the data acquisition time.
Mass spectrometer parameters can be optimised for each part of the scan.

MID Setup



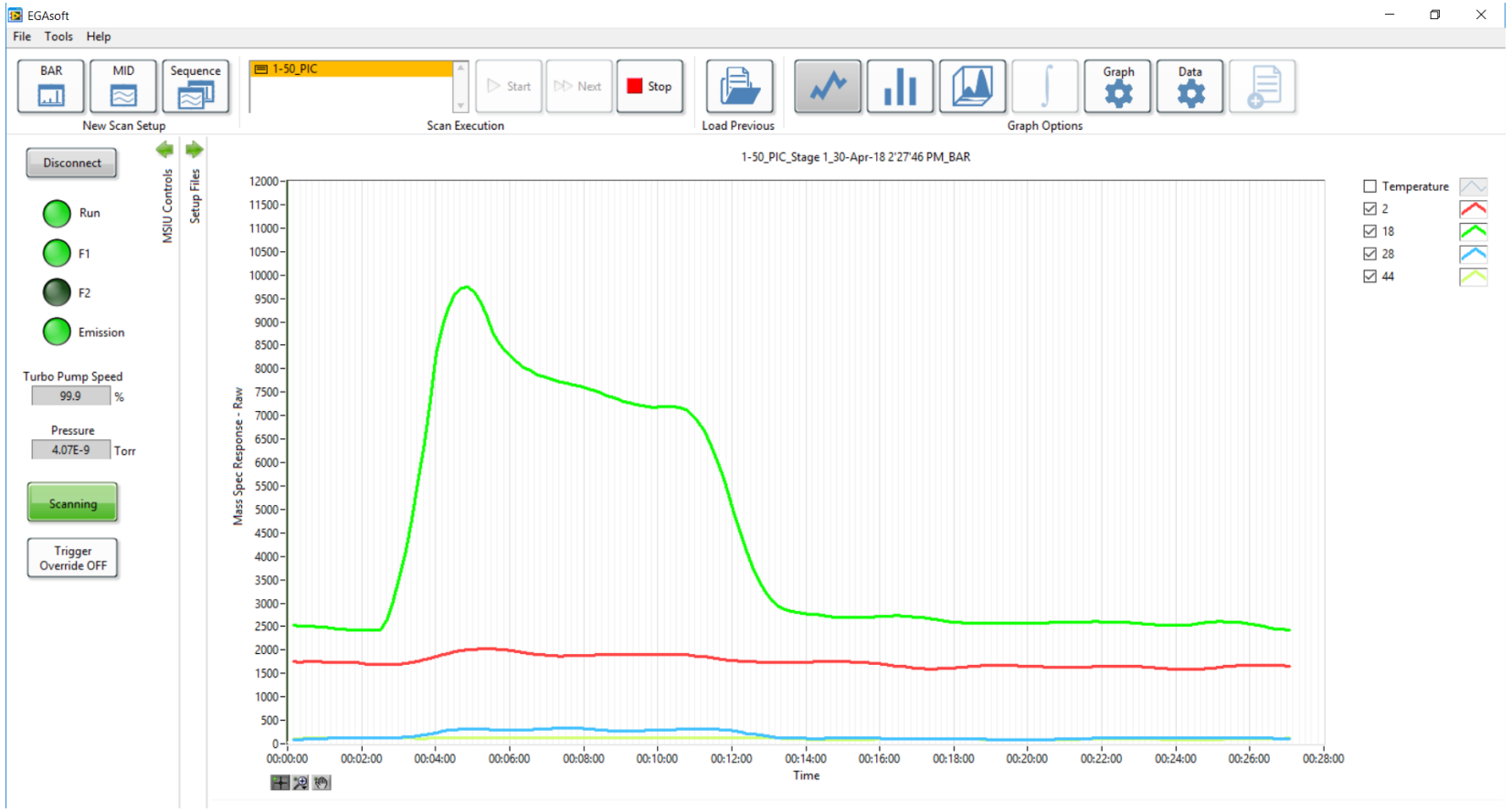
MID scan setup
Automatic removal of spectral overlaps

3D Bar Scan Viewer



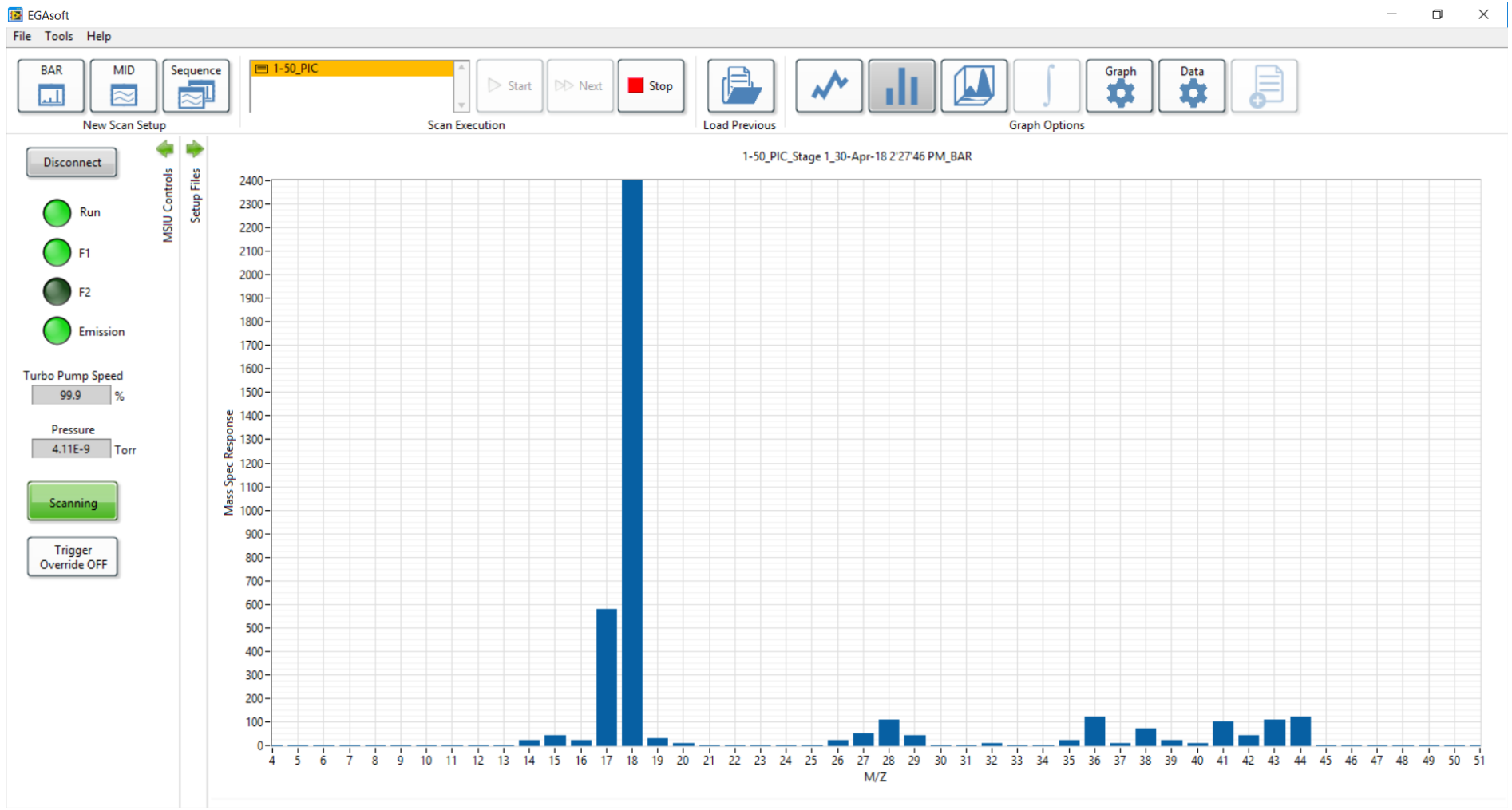
Real time 3D data viewer for easy determination of bar scan trends

MID View

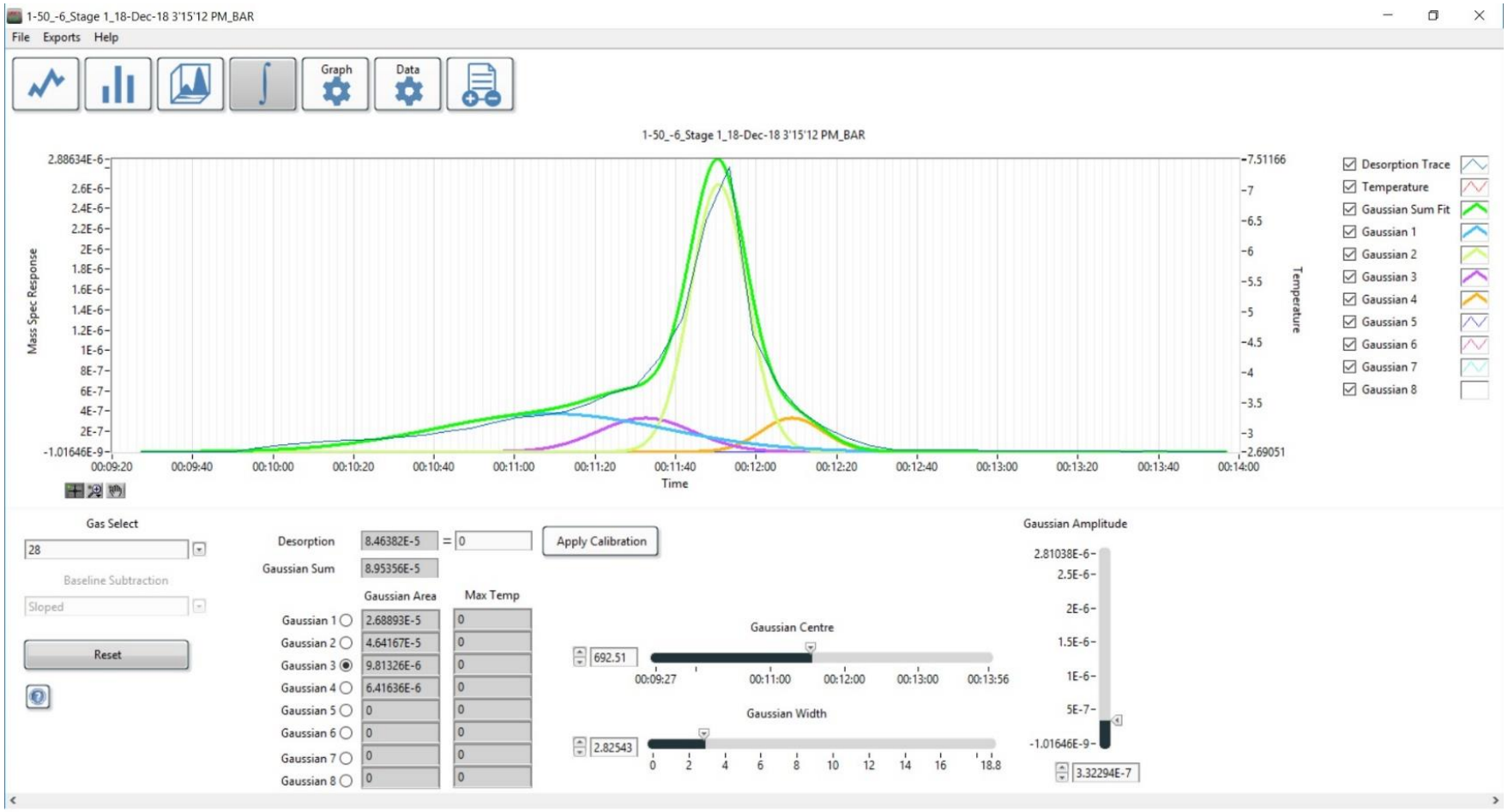


Simple MID setup - display up to 16 trends at a time

Bar View

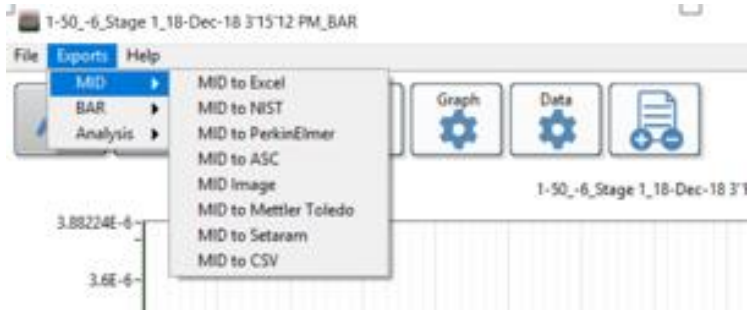

EGAsoft
File Tools Help
BAR
MID
Sequence
New Scan Setup
1-50_PIC
Start
Next
Stop
Scan Execution
Load Previous
Graph
Data
Graph Options
Disconnect
Run
F1
F2
Emission
Turbo Pump Speed
99.9 %
Pressure
4.11E-9 Torr
Scanning
Trigger Override OFF
MSIU Controls
Setup Files
1-50_PIC_Stage 1_30-Apr-18 2'27'46 PM_BAR
Mass Spec Response
M/Z

Data Analysis Software



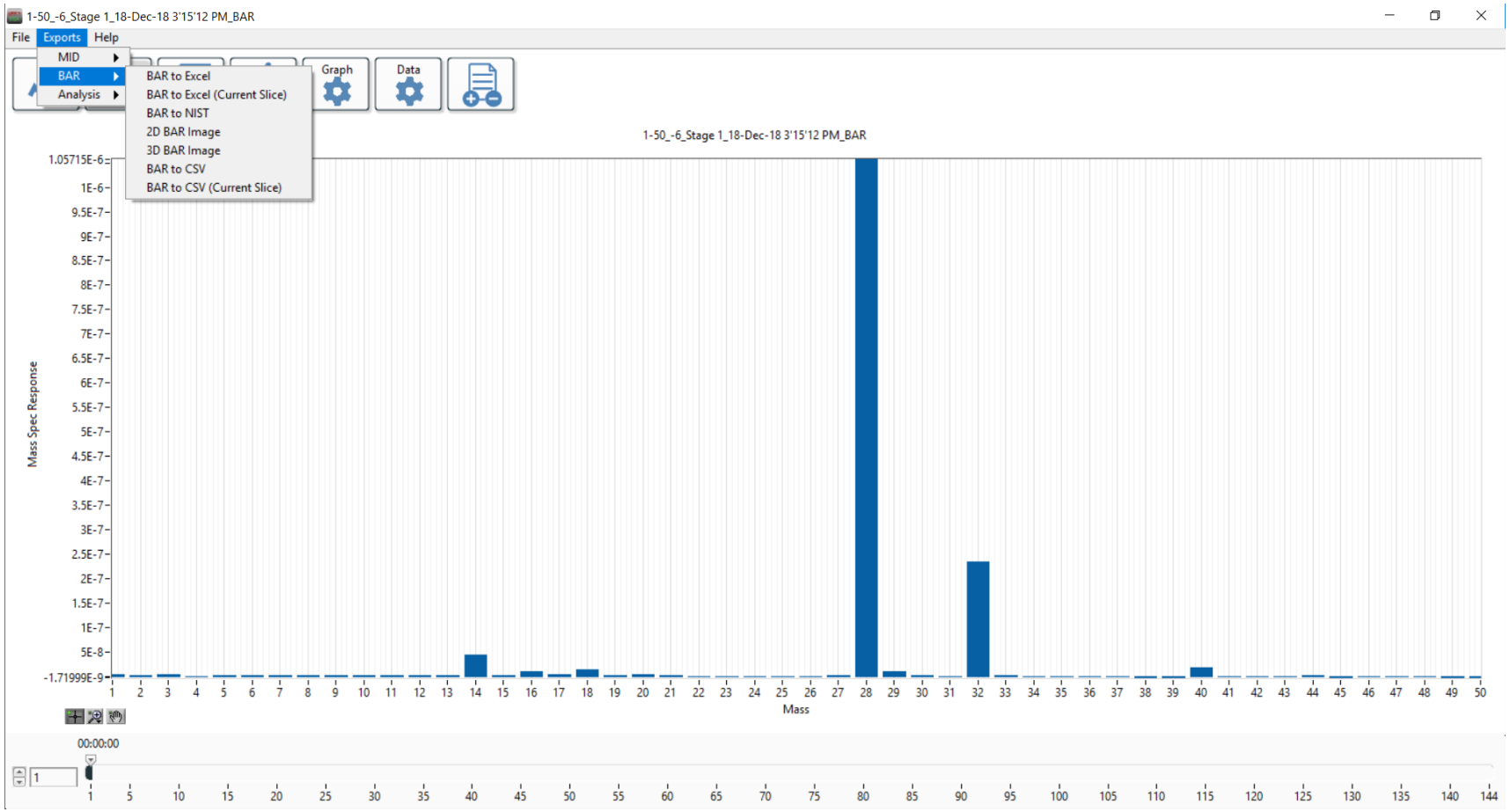
Peak integration/fitting routines

Data Export Facility

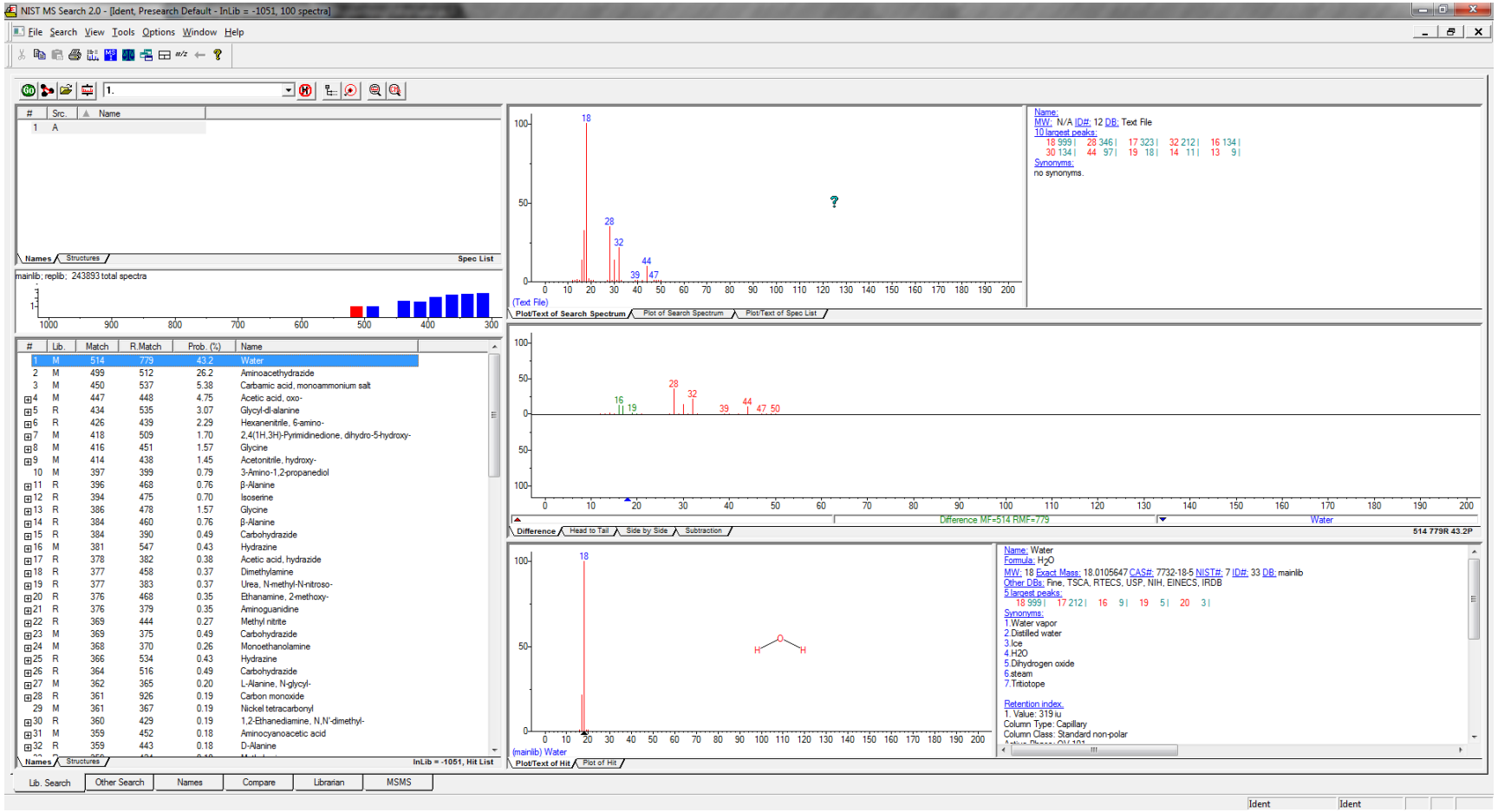


- Export to correct format for import to TGA software
- Export to Excel
- Export to NIST MS library:
  Two methods included:
  1. Complete spectra from selected BAR scan
  2. Selected peaks from MID view

NIST export from a selected BAR scan

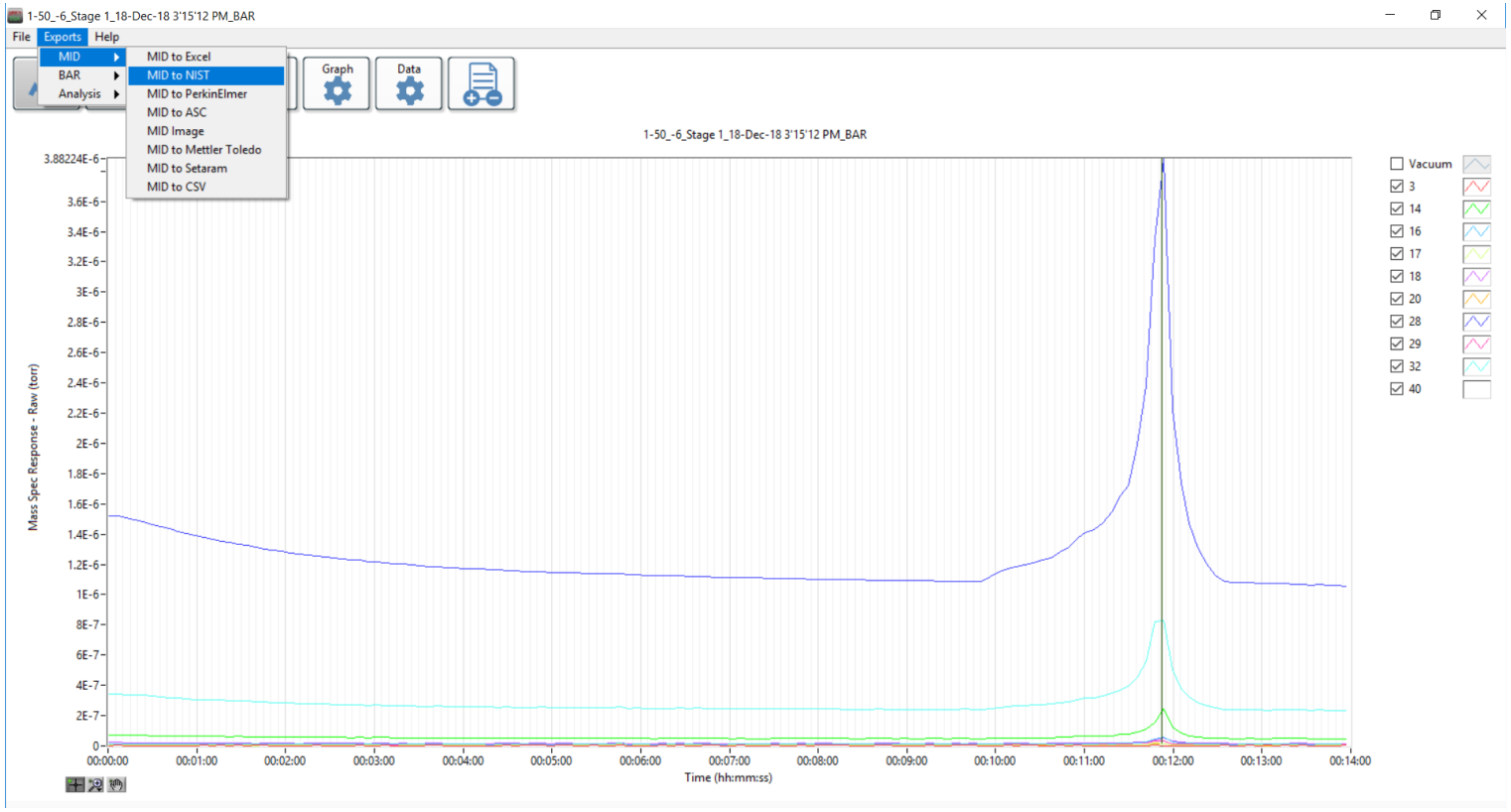


NIST import from a selected BAR scan



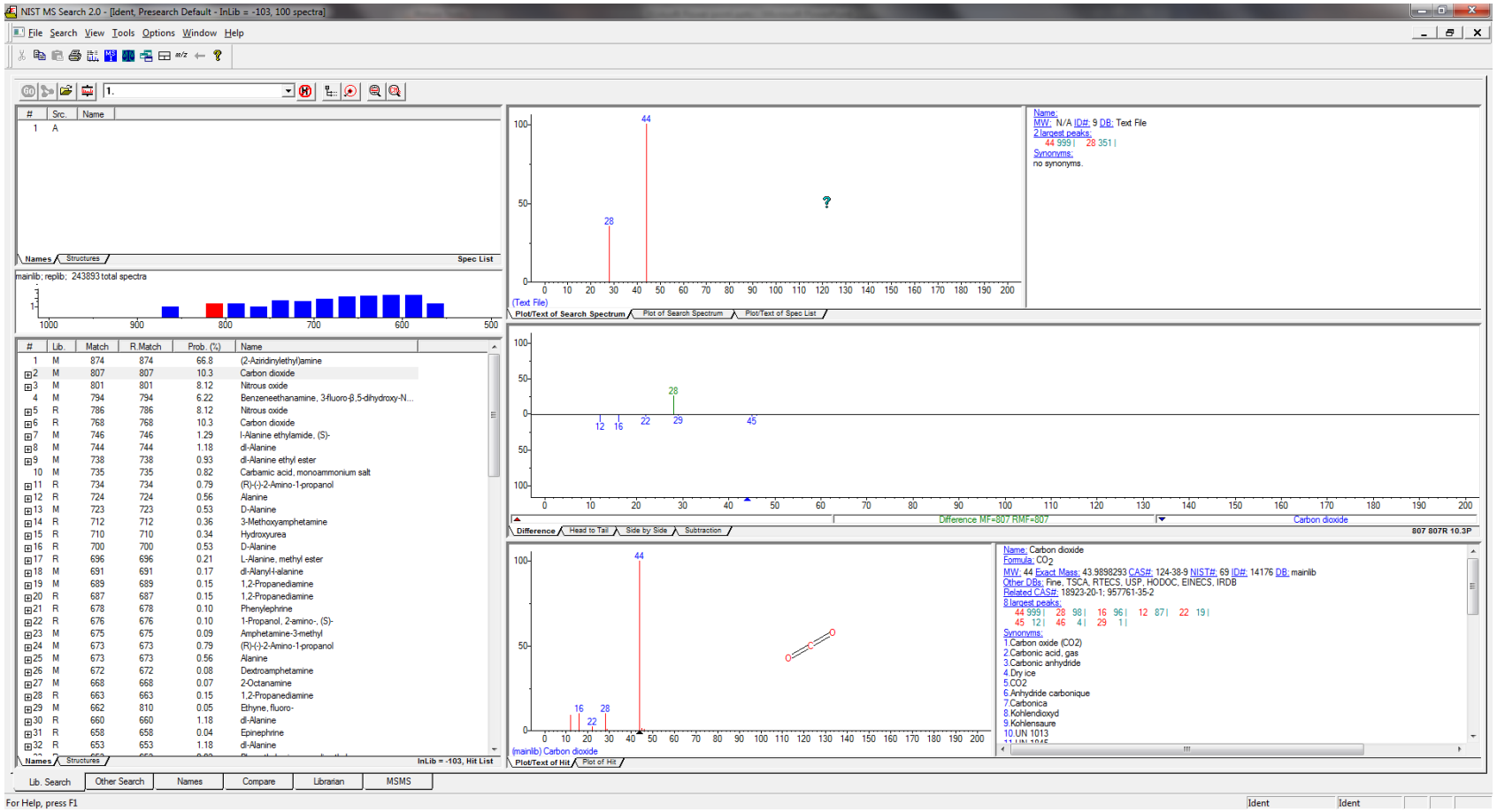
When importing a Bar scan the whole mass spectrum is used in the NIST search routine

MID View - export to NIST



Simple MID setup - display up to 16 trends at a time

NIST with imported selected MID peaks



Importing MID peaks allows the user to choose groups of peaks to narrow the NIST search