

Quench and lyophilize 1 mL algae culture



Immerse into 10 μ L isopropanol



Pyrolysis at 600°C for 30 min GCMS analysis



Deconvolution by AMDIS



Spectral library
and chemical
database
search

Substructure
Annotation,
Network graph
visualization

SpectConnect
alignment,
Multivariate
statistics