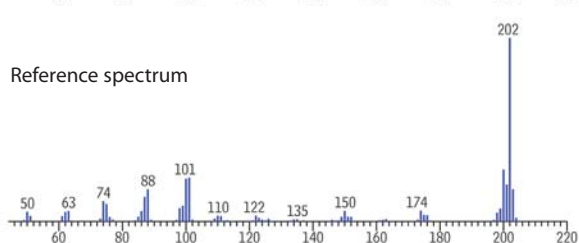
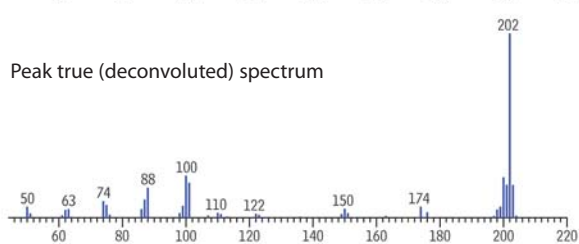
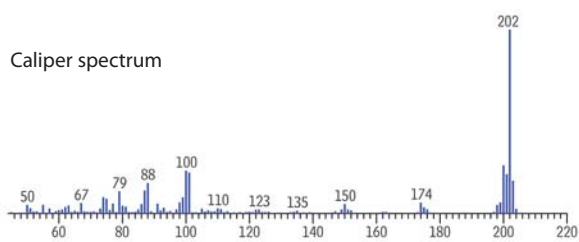


GCxGC-TOFMS Mass Spectrum of Fluoranthene from QuEChERS Extract of NIST SRM 2974a Freeze-Dried Mussel Tissue



GC_FF1198

Column Rxi®-17Sil MS 30 m, 0.25 mm ID, 0.25 μ m (cat.# 14123)
Rxi®-1ms 1.2 m, 0.15 mm ID, 0.15 μ m (cat.# custom)

Sample Diluent: Acetonitrile

Injection Inj. Vol.: 1 μ L splitless (hold 1 min.)
Liner: Gooseneck Splitless (4mm) w/Semivolatiles Wool (cat.# 20798-231.1)
Inj. Temp.: 250 °C
Purge Flow: 40 mL/min.

Oven Oven Temp: Rxi®-17Sil MS: 90 °C (hold 1 min.) to 320 °C at 3.75 °C/min. (hold 2.67 min.)
Rxi®-1ms: 95 °C (hold 1 min.) to 325 °C at 3.75 °C/min. (hold 2.67 min.)
He

Carrier Gas Modulation Modulator Temp. 20 °C
Offset: 20 °C
Second Dimension Separation Time: 3 sec.
Hot Pulse Time: 0.9 sec.
Cool Time between Stages: 0.6 sec.

Detector TOFMS

Transfer Line Temp.: 300 °C
Analyzer Type: TOF
Source Temp.: 250 °C
Electron Energy: 70 eV
Mass Defect: -20 mu/100 u
Solvent Delay Time: 5 min.
Tune Type: PFTBA
Ionization Mode: EI
Acquisition Range: 45 to 550 amu
Spectral Acquisition Rate: 100 spectra/sec

Instrument LECO Pegasus 4D GCxGC-TOFMS