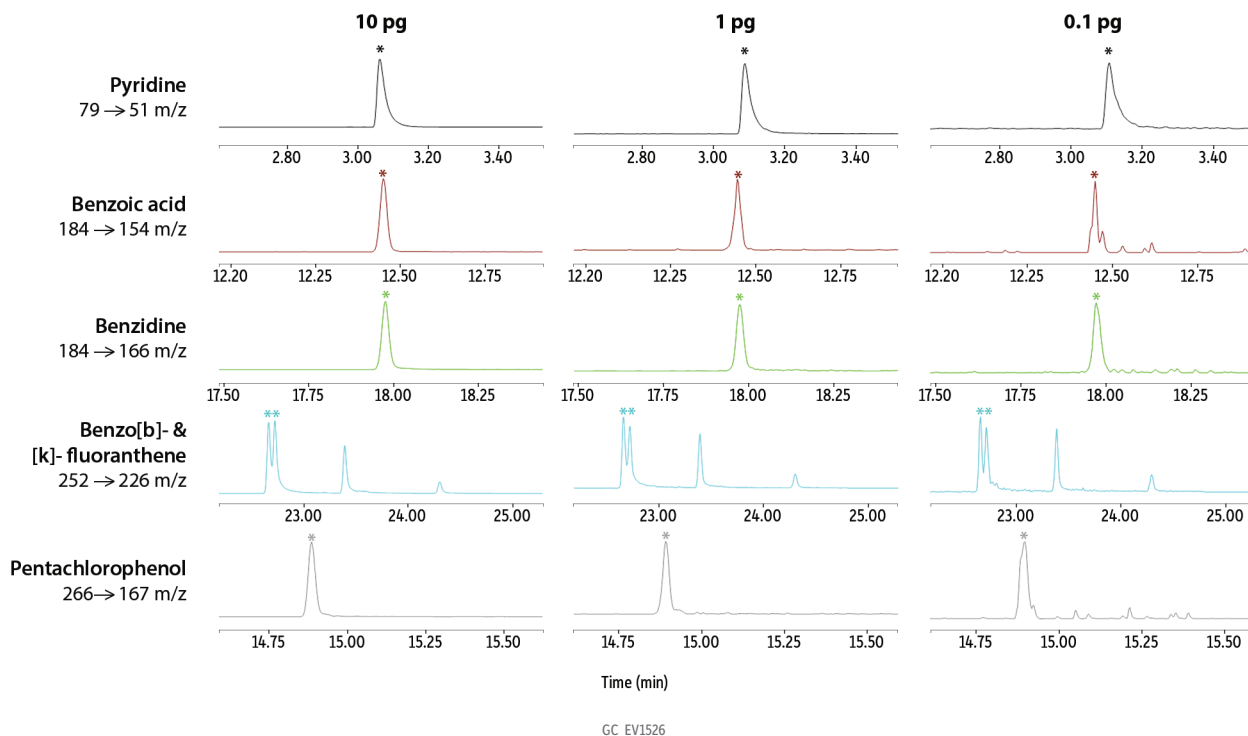


Select Semivolatiles at Low Levels on RMX-5Sil MS by GC-MS/MS



Column RMX-5Sil MS, 30 m, 0.25 mm ID, 0.25 µm (cat.# 17323)

Standard/Sample SVOC MegaMix 150 kit (cat.# 31907)
Revised SV internal standard mix (cat.# 31886)
Base neutral surrogate mix (4/89 SOW) (cat.# 31024)
Acid surrogate mix (4/89 SOW) (cat.# 31025)

Diluent: Dichloromethane

Conc.: 1, 10, 100 ppb

Injection

Inj. Vol.: 1 µL split (split ratio 10:1)

Liner: Topaz 4.0 mm ID Precision liner w/wool (cat.# 23267)

Inj. Temp.: 280 °C

Split Vent Flow Rate: 12 mL/min

Oven

Oven Temp.: 40 °C (hold 1 min) to 280 °C at 12 °C/min to 310 °C at 3 °C/min (hold 1 min)

Carrier Gas He, constant flow

Flow Rate: 1.2 mL/min @ 40 °C

Detector SRM/MRM

Source Temp.: 330 °C

Transfer Line Temp.: 280 °C

Analyzer Type: Triple Quadrupole

Ionization Mode: EI

Collision Gas: Ar

Tune Type: PFTBA

Tune Emission Current: 70 µA

Instrument Thermo Scientific TSQ 8000 Triple Quadrupole GC-MS