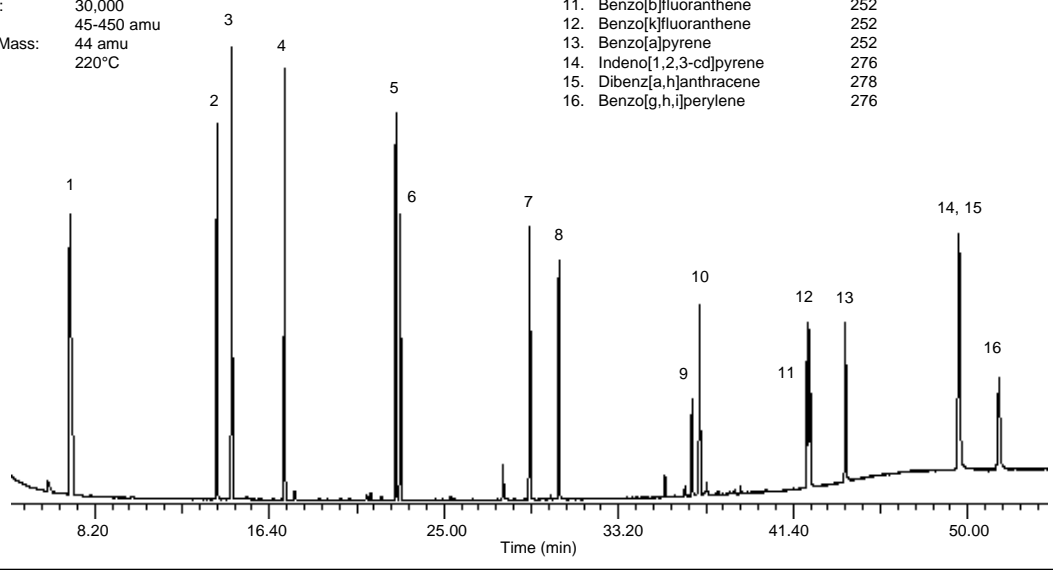


PAHs

Column: DB-35ms
30 m x 0.25 mm I.D., 0.25 µm
J&W P/N: 122-3832
Carrier: Helium at 33.3 cm/sec, measured at 150°C
Oven: 100°C for 0.1 min
100-325°C at 5°/min
325°C for 15 min
Injector: Splitless, 0.5 µL of a 20 ng/µL
of EPA 610 PAH standard
Detector: Ion Trap MS, 325°C transfer line
Tune Temp: 225°C
Target Value: 30,000
Scan Range: 45-450 amu
Background Mass: 44 amu
Manifold: 220°C

Compound	m/z
1. Naphthalene	128
2. Acenaphthylene	152
3. Acenaphthene	154
4. Fluorene	166,165
5. Phenanthrene	178
6. Anthracene	178
7. Fluoranthene	202
8. Pyrene	202
9. Benz[a]anthracene	228
10. Chrysene	228
11. Benzo[b]fluoranthene	252
12. Benzo[k]fluoranthene	252
13. Benzo[a]pyrene	252
14. Indeno[1,2,3-cd]pyrene	276
15. Dibenzo[a,h]anthracene	278
16. Benzo[g,h,i]perylene	276



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