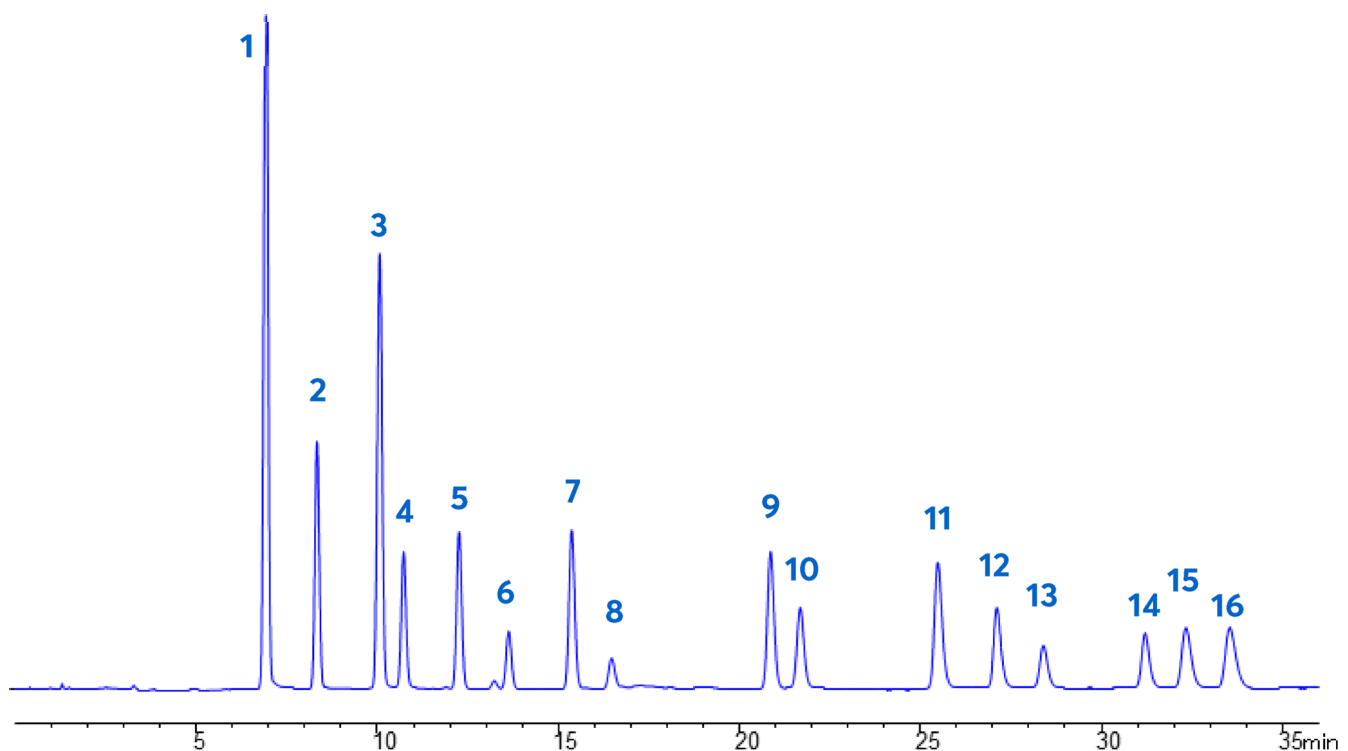
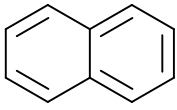
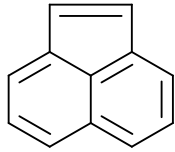


Analysis of 16 Polynuclear Aromatic Hydrocarbons (PAHs)

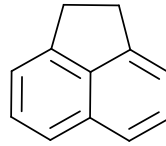




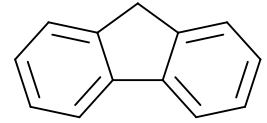
1. Naphthalene



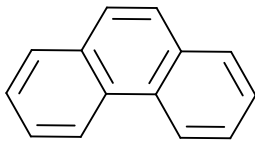
2. Acenaphthylene



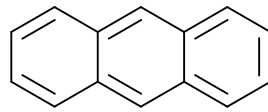
3. Acenaphthene



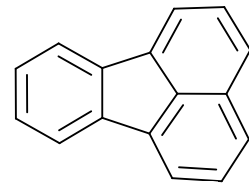
4. Fluorene



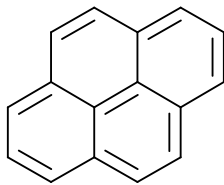
5. Phenanthrene



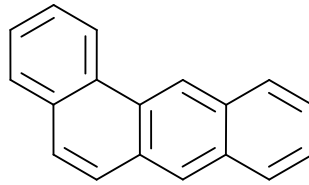
6. Anthracene



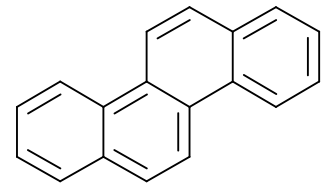
7. Fluoranthene



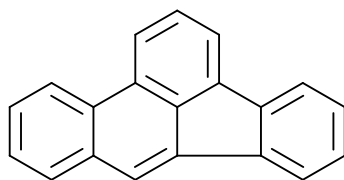
8. Pyrene



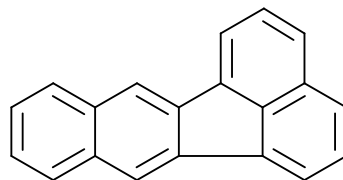
9. Benzo(a)anthracene



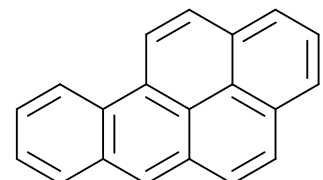
10. Chrysene



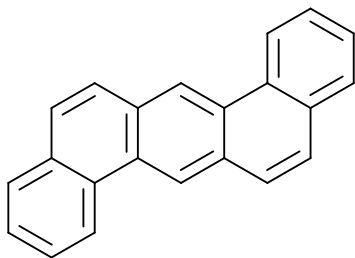
11. Benzo(b)fluoranthene



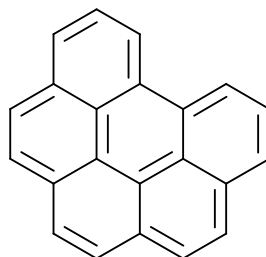
12. Benzo(k)fluoranthene



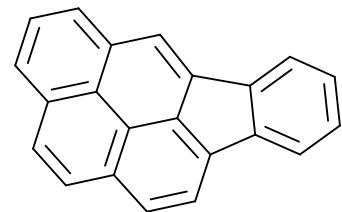
13. Benzo(a)pyrene



14. Dibenzo(a,h)anthracene



15. Benzo(g,h,i)perylene



16. Indeno(1,2,3-c,d)pyrene

Method Details

CONDITIONS

Column: Hichrom 5 PAH2

Dimensions: 100 x 4.6 mm

Mobile Phases:
A: H₂O
B: MeCN

Gradient:

Time (mins)	%B
0	40
30	90
35	90
36	40

Flow Rate: 1.6 mL/min

Temperature: 22 °C

Detection: UV, 220 nm

ORDERING TABLE

Product	Details	Dimensions	Part Number
Avantor® Hichrom PAH2	HPLC Column	5 µm, 100 x 4.6 mm	HI-5PAH2-100A