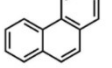
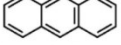
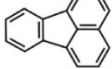
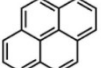
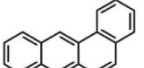
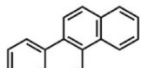
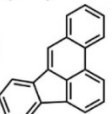
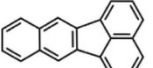
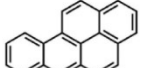
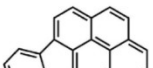
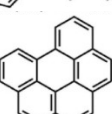
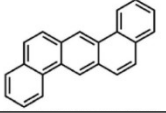


TableS1. 16 USEPA Priority Pollutant Polycyclic Aromatic Hydrocarbons (PAHs)

Nomenclature	Skeletal Formula	Log Kow At 25°C	Water Solubility [mg L ⁻¹] at 25°C	Relative Persistence in Bioretention Systems
Naphthalene (Nap)		3.37	31	Low
Acenaphthylene (Acy)		4.00	16	Low or Moderate
Acenaphthene (Ace)		3.92	3.8	Low or Moderate
Fluorene (Flu)		4.18	1.9	Moderate
Phenantrene (Phe)		4.46	1.1	Moderate
Anthracene (Ant)		4.49	0.04	Moderate
Fluoranthene (Fla)		8.90	0.2	High
Pyrene (Pyr)		8.80	0.13	High
Benzo(a)anthracene (BaA)		5.80	0.011	Very High
Chrysene (Chr)		5.73	0.0019	Very High
Benzo(b)fluoranthene (BbF)		5.78	0.0015	Extremely High
Benzo(k)fluoranthene (BkF)		6.50	0.0008	Extremely High
Benzo(a)pyrene (BaP)		6.35	0.0015	Extremely High
Indeno(1,2,3-c,d)pyrene (IPy)		6.70	0.00019	Extremely High
Benzo(g,h,i)perylene (BgHiP)		6.63	0.00014	Extremely High
Dibenz(a,h)anthracene (DhA)		6.50	0.0005	Extremely High