

Supplementary Data: Table S5. List of target PACs, internal standards, and recovery standards used for quantification.

PAC	Internal Standard	Recovery standard
Naphthalene	d8-naphthalene	d8-acenaphthalene
Acenaphthalene	d8-naphthalene	d8-acenaphthalene
Acenaphthene	d8-acenaphthene	d8-acenaphthalene
Fluorene	d10-fluorene	d8-anthracene
Dibenzothiophene	d8-dibenzothiophene	d8-anthracene
Phenanthrene	d10-phenanthrene	d8-anthracene
Anthracene	d10-phenanthrene	d8-anthracene
Fluoranthene	d10-pyrene	d10-fluoranthene
Pyrene	d10-pyrene	d10-fluoranthene
Benzo[<i>a</i>]anthracene	d12-chryzene	d12-benz[<i>a</i>]anthracene
Chryzene	d12-chryzene	d12-benz[<i>a</i>]anthracene
Benzo[<i>b</i>]fluoranthene	d12-benzo[<i>k</i>]fluoranthene	d12-benzo[<i>a</i>]pyrene
Benzo[<i>k</i>]fluoranthene	d12-benzo[<i>k</i>]fluoranthene	d12-benzo[<i>a</i>]pyrene
Benzo[<i>e</i>]pyrene	d12-benzo[<i>k</i>]fluoranthene	d12-benzo[<i>a</i>]pyrene
Benzo[<i>a</i>]pyrene	d12-benzo[<i>k</i>]fluoranthene	d12-benzo[<i>a</i>]pyrene
Perylene	d12-benzo[<i>k</i>]fluoranthene	d12-ideno[1,2,3- <i>c,d</i>]pyrene
Ideno[1,2,3- <i>c,d</i>]pyrene	d12-benzo[<i>g,h,i</i>]perylene	d12-ideno[1,2,3- <i>c,d</i>]pyrene
Dibenzo[<i>a,h</i>]anthracene	d12-benzo[<i>g,h,i</i>]perylene	d12-ideno[1,2,3- <i>c,d</i>]pyrene
Benzo[<i>g,h,i</i>]perylene	d12-benzo[<i>g,h,i</i>]perylene	d12-ideno[1,2,3- <i>c,d</i>]pyrene

