

Supplementary material: MS parameters, LOD and LOQ for the 16 analyzed PAHs

Compound	Parent ion	Collision energy (V)	Daughter ions	LOD (pg m ⁻³)	LOQ (pg m ⁻³)
Naphtalene	128	1.2	102/126	0.338	1.125
Acenaphtene	153	1.3	150/151	0.369	1.232
Fluorene	165	1.2	163/139	0.311	1.035
Phenanthrene	178	1.2	152/176	0.181	0.602
Anthracene	178	1.2	152/176	0.555	1.849
Fluoranthrene	202	1.3	200	0.370	1.232
Pyrene	202	1.2	200/201	0.288	0.959
Benzo(a)anthracene/Chrysene	228	1.2	226/202	0.388	1.294
Benzo(b)/(k) fluoranthrene	252	1.3	250/226	0.165	0.551
Benzo(e)pyrene	252	1.3	250/226	0.388	1.294
Benzo(a)pyrene	252	1.3	250/226	0.597	1.991
Dibenzo(a,h)anthracene	278	1.5	276	12.940	43.133
Indenol(1.2.3)pyrene	276	1.4	274	36.971	123.24
Benzo(g,h,i)perylene	276	1.4	274	16.175	53.916