

Table 1 Concentration of PAHs compounds in stations during winter 2013

Compounds	Winter			
	S1	S2	S3	S4
Naphthalene	0.010	4.046	5.257	0.320
Indole	0.040	3.210	4.220	0.260
Acenaphthylene	0.003	2.363	3.010	0.020
Acanaphthene	0.020	1.350	2.260	0.035
fluorine	0.008	3.327	4.406	0.012
Phenanthrene	0.028	2.674	3.546	0.036
Anthracene	0.043	2.093	5.586	0.053
Fluoranthene	0.043	4.231	4.140	0.350
Pyrene	0.035	4.301	5.241	0.042
Carbazol	0.039	5.563	7.123	0.041
Benz(a)anthracene	0.026	3.408	6.083	0.027
Chrysene	0.007	3.238	4.627	0.042
B(b) fluoranthene	0.004	2.298	4.547	0.040
B(k) fluoranthene	0.031	2.825	3.547	0.033
Benzo(a)pyrene	0.041	3.537	5.773	0.109
indeno(1,2,3-cd)pyrene	0.003	2.652	3.039	0.110
dibenzo(a,h)anthracene	0.010	4.267	4.039	0.160
benzo(g,h,i)perylene	0.002	2.963	3.562	0.006
Total	0.393	58.346	80.006	1.696
fluoranthene/pyrene	1.229	0.984	0.790	8.333
Phen/Ant	0.651	1.278	0.635	0.679
LMW-PAHs/HMW-PAHs	0.631	0.485	0.547	0.767
Ant/(Ant+Phen)	0.606	0.439	0.612	0.596
BaA/(BaA+Chr)	0.854	0.522	0.555	0.722
Flt/(Flt+py)	0.551	0.496	0.441	0.893
InP/(InP+BghiP)	0.231	0.383	0.429	0.407