

Lab ID	Naftalen	Biphenyl	Acenaftylen	Acenaften	Fluoren	Fenantren	Antracen
	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek
K_A	430.540	162.928	11.460	56.125	174.174	431.443	21.100
L_C_H	353.725	200.639	7.220	72.441	301.268	954.183	43.105
M_H_K	433.781	261.148	35.412	58.369	48.784	378.780	7.656
S_K_S	280.757	153.684	3.434	41.900	185.787	447.846	7.118
SM	399.179	167.990	11.460	57.678	178.294	500.934	23.821
SO	791.053	294.889	92.718	68.573	307.471	1109.632	137.846
LP1	590.708	445.637	33.032	121.237	790.129	3759.786	445.869
B4	1547.163	1021.314	174.885	413.886	1512.715	9601.488	1475.797
RP6	613.259	403.626	35.824	132.115	798.522	3124.213	331.370
KK4	192.270	148.883	9.876	62.326	394.892	1875.672	183.835
SHuf	355.221	235.599	34.342	83.345	466.878	1652.670	189.053
KD	459.893	148.922	15.704	50.954	179.886	503.947	20.957
KS	182.403	370.853	31.132	135.662	806.571	3136.869	438.457
PK_1	549.890	304.344	33.720	116.753	549.300	1529.269	167.296
SV2	307.948	222.349	19.257	54.619	366.071	1479.830	86.847
GH	638.876	318.738	16.306	87.504	518.640	1972.413	181.234
SV1	561.595	269.760	9.785	136.419	449.836	1354.076	48.459
TS	901.173	430.780	34.622	899.459	332.338	1278.005	24.605
MZ	449.001	253.638	19.654	77.145	204.161	1387.932	78.323
SH	239.712	148.774	64.798	66.067	90.341	286.475	15.714
MN	259.487	158.815	8.704	35.312	280.803	1010.570	19.067
MS-5	298.847	191.016	57.972	115.787	203.332	262.318	13.980
PK_2	921.795	631.366	67.193	208.338	291.924	1026.633	26.383
VV	289.005	221.235	37.196	86.674	451.290	1328.699	192.060
NS	107.278	139.743	4.699	41.093	298.323	892.867	51.630
Ir	313.831	173.646	34.750	100.722	132.864	367.605	17.383
AB	305.353	177.055	9.334	96.922	305.327	841.474	34.582
Hanka	338.030	199.103	7.606	64.127	234.753	454.773	15.986
AI	425.016	195.806	12.607	72.937	274.654	592.691	42.613
2KL	4.717	11.106	1.439	6.431	38.064	187.856	13.909
1MSL	356.604	243.663	23.731	54.197	296.807	825.211	72.191
3VK	311.994	312.899	36.413	513.226	618.218	1884.081	34.579

Pro výpočet % výtěžnosti metody (ztrát při přípravě) je potřeba porovnat množství D-PAHs s teorií
Prázdné buňky mají množství pod limitem kvantifikace (<LOQ)

Fluoranten	Pyren	Reten	Benzo(b)flu	Benzo-Naph	Benzo(ghi)fl	Cyclopenta	Benz(a)antr
ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek
149.895	87.119	53.858	8.032	0.553	7.302		5.190
396.327	260.705	97.743	21.140	2.448	22.108		19.227
40.271	12.208	12.260	0.548	0.242	0.999	0.289	0.450
129.620	60.227	33.877	5.310	0.561	5.071		3.036
145.343	85.180	43.340	7.497	0.525	7.059		5.096
456.593	319.390	32.038	24.976	1.279	23.082		19.364
1703.096	1270.432	89.644	125.338	0.874	76.357		58.320
3529.619	2496.011	542.052	265.834	4.394	150.674		148.640
1340.042	917.821	353.645	103.082	2.007	59.715		48.521
988.164	668.379	281.625	76.093	10.922	47.799		87.067
804.515	541.082	124.811	56.617	2.336	39.552		34.267
185.576	107.957	86.953	9.660	1.075	9.245		8.394
1402.881	1016.583	198.087	112.215	6.532	63.747		72.664
807.580	542.181	156.732	58.734	1.703	39.906		31.983
722.169	452.051	89.654	44.758	1.875	40.371		27.552
1026.111	685.016	133.753	66.543	1.346	47.124		38.543
525.996	295.529	76.483	32.048	2.837	23.442		22.238
75.915	25.366	11.440	1.574	0.328	1.443	1.778	1.386
566.936	338.428	97.539	32.545	2.356	29.415		23.413
29.060	21.496	7.184	0.982	0.188	1.066	1.299	0.871
422.619	231.189	84.335	21.565	1.666	19.040		12.287
41.135	29.179	11.839	1.189	0.216	2.127	0.874	1.136
136.532	50.397	15.493	1.934	0.462	3.607	0.483	1.814
664.103	449.489	191.536	60.101	1.753	34.004		31.656
547.017	302.703	100.361	36.877	2.970	22.805		19.881
39.643	21.812	14.859	1.183	0.209	1.326	0.642	0.835
440.189	269.327	140.867	24.604	1.436	22.901		13.786
205.761	115.034	52.494	10.060	0.903	9.642		6.962
377.034	227.062	97.176	20.492	1.246	16.306		12.856
97.020	68.044	4.943	5.582	0.136	4.164		3.618
350.347	223.946	83.543	23.085	0.922	17.779		14.502
57.120	33.808	34.637	1.161	0.745	1.721	0.364	0.701

etickou 100% přidanou hodnotou (333 ng/vzorek)

Triphenylen	Chrysen	Benzo(b)flu	Benzo(j)fluc	Benzo(k)flu	Benzo(e)pyr	Benzo(a)pyr	Perylene
ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek
2.627	9.965	4.039	1.637	1.808	2.349	2.128	0.382
7.452	31.397	17.866	8.171	8.500	11.663	11.915	2.182
0.719	1.076	0.720	0.269	0.229	0.584	0.274	
2.593	8.102	3.580	1.826	1.606	2.184	1.822	0.306
2.319	10.022	4.172	1.602	1.832	2.426	2.340	0.396
5.754	26.575	10.570	4.428	5.015	6.441	8.280	1.448
13.692	72.109	20.392	10.179	9.583	12.139	10.359	1.490
34.827	174.749	88.519	53.306	42.914	53.047	40.923	6.842
11.904	62.371	20.340	10.963	10.124	11.603	11.085	1.723
19.707	92.619	73.918	34.991	38.208	53.223	68.571	13.833
8.532	44.534	19.316	7.677	8.899	11.390	11.876	2.023
3.268	13.995	7.963	3.361	3.486	4.823	5.374	0.993
14.982	81.592	40.820	17.552	19.822	26.607	32.913	5.921
7.901	43.375	12.891	6.942	6.355	7.471	7.444	1.186
11.772	49.832	16.437	8.316	7.450	9.373	6.666	1.099
12.132	52.417	17.192	8.236	7.763	10.209	8.566	1.451
8.253	35.625	19.675	7.259	8.890	11.861	12.234	2.373
1.314	2.524	1.344	0.649	0.610	0.784	0.858	0.172
9.536	38.908	16.519	6.431	6.981	9.264	7.830	1.297
0.819	1.542	0.749	0.490	0.399	0.505	0.484	0.136
6.299	27.447	10.835	4.502	4.886	5.863	4.613	0.885
0.743	2.062	1.231	0.572	0.476	0.936	0.742	0.117
1.546	3.231	1.915	0.713	0.740	1.463	1.288	0.221
7.112	40.069	14.587	6.476	7.100	8.545	9.479	1.572
8.820	31.495	17.267	6.982	7.403	9.828	8.333	1.452
0.907	1.684	1.278	0.559	0.441	0.709	0.517	0.084
5.563	28.625	8.993	4.729	4.278	5.577	4.607	0.834
3.538	13.921	6.362	2.474	2.764	3.673	3.452	0.625
5.352	21.217	7.929	3.186	3.320	4.520	3.972	0.677
1.010	4.770	1.263	0.738	0.600	0.767	0.757	0.114
5.754	22.666	8.741	4.649	4.102	5.470	4.848	0.712
1.392	1.874	0.402	0.336	0.308	0.689	0.310	

Indeno(123	Dibenz(ah)a	Dibenzo(ac)	Benzo(ghi)p	Anthanthre	Coronene	SUM 16 PAH	SUM 29 PAH
ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek	ng/vzorek
2.072	0.216	0.193	2.304	0.248	0.902	1389.58	1630.59
10.783	1.072	0.984	12.734	1.481	4.235	2502.47	2882.72
0.354			0.802		0.270	1019.17	1296.50
1.767	0.216	0.156	1.891	0.196	0.591	1178.71	1385.06
2.164	0.249	0.214	2.396	0.296	0.846	1430.16	1664.67
6.169	0.603	0.622	6.205	1.044	1.901	3366.06	3763.96
12.270	0.923	0.784	12.621	0.518	4.209	8910.87	9691.73
62.420	5.014	4.403	57.634	2.914	20.684	21372.38	23532.67
13.133	1.040	0.994	12.464	0.688	4.376	7472.24	8436.57
60.572	7.049	6.160	59.472	10.843	18.335	4862.89	5585.30
12.059	1.159	1.159	11.832	1.285	4.032	4271.05	4766.07
4.851	0.532	0.479	5.249	0.867	1.918	1574.72	1846.28
28.449	3.069	2.788	29.041	4.863	10.786	7458.93	8293.86
8.026	0.735	0.628	7.907	0.628	2.885	4414.71	5003.77
9.320	0.682	0.657	9.327	0.537	3.656	3616.06	4050.47
10.170	0.842	0.824	10.091	0.922	3.460	5271.68	5876.42
12.224	1.275	1.275	12.361	2.161	4.299	3506.21	3948.27
0.727			0.687		0.241	3579.62	4030.12
8.816	0.768	0.784	8.786	0.823	3.212	3233.60	3680.44
0.402			0.406		0.125	818.52	980.08
5.632	0.583	0.442	5.494	0.470	1.923	2339.52	2645.33
0.633			1.004		0.300	1029.84	1239.77
1.099	0.093	0.099	2.034	0.208	0.607	2741.41	3399.61
9.528	0.891	0.811	8.771	1.001	2.988	3620.60	4157.73
10.260	0.992	0.945	10.101	0.927	3.597	2351.34	2686.65
0.479			0.639		0.189	1034.49	1228.80
5.004	0.508	0.460	5.797	0.587	1.995	2374.11	2760.72
3.579	0.368	0.351	3.759	0.467	1.383	1477.24	1761.95
4.198	0.336	0.358	4.404	0.390	1.424	2082.85	2429.78
0.728		0.063	0.733		0.213	429.95	458.78
5.217	0.443	0.439	5.583	0.460	1.941	2269.14	2657.55
0.453			0.924		0.275	3494.41	3848.63

D8-Naftalen	D10-Fenantren	D12-Perylen
ng/vzorek	ng/vzorek	ng/vzorek
240.62	263.48	287.63
203.68	247.10	237.89
249.55	246.43	267.08
264.56	311.33	271.25
257.79	315.28	288.32
184.06	225.16	260.91
209.60	274.61	269.24
204.99	290.68	279.01
203.48	287.10	289.67
106.00	229.83	252.49
115.09	212.34	278.87
190.58	250.78	306.31
44.44	262.17	267.64
226.48	224.07	305.71
250.95	309.03	306.07
189.96	196.91	274.77
218.03	287.66	314.89
131.87	189.89	308.33
259.81	344.75	346.51
251.91	273.90	282.21
216.88	278.56	310.28
238.54	210.58	291.48
260.24	222.61	313.29
133.41	223.11	295.02
69.81	209.87	311.80
167.74	196.48	301.90
212.73	254.47	322.54
257.08	273.83	346.38
246.10	212.34	307.29
1.21	14.31	21.40
218.92	214.41	274.58
216.28	279.92	295.96

	Compound	LOQ
		ng/vzorek
16 PAHs	Naftalen	0.074
	Acenaftylen	0.102
	Acenaften	0.089
	Fluoren	0.100
	Fenantren	0.072
	Antracen	0.100
	Fluoranten	0.028
	Pyren	0.029
	Benz(a)antracen	0.023
	Chrysen	0.019
	Benzo(b)fluoranten	0.086
	Benzo(k)fluoranten	0.096
	Benzo(a)pyren	0.119
	Indeno(123cd)pyren	0.076
	Dibenz(ah)antracen	0.058
	Benzo(ghi)perylen	0.062
29 PAHs	Biphenyl	0.043
	Reten	0.055
	Benzo(b)fluorene	0.069
	Benzo-Naphtho-Thiophene	0.033
	Benzo(ghi)fluoranthene	0.023
	Cyclopenta(cd)pyrene	0.054
	Triphenylene	0.017
	Benzo(j)fluoranthene	0.091
	Benzo(e)pyrene	0.079
	Perylene	0.091
	Dibenzo(ac)anthracene	0.058
	Anthanthrene	0.119
	Coronene	0.096