

Table S1. Sampling locations and descriptions of the sites in the Coastal zone and along the Mid Adriatic transect selected for the Source apportionment and toxicity assessment.

Area	Station	Site description	Bottom Depth (m)	Latitude N	Longitude E	Date in 2013.
COAST	CS1	Near Island of Pag- town of Pag/	49	44,49005	15,01010	March
	CS2	Novigrad Sea, near Starigrad	49	44,28272	15,41285	March
	CS3	Town of Zadar, western coast	33	44,11375	15,21542	March
	CS4	Town of Zadar outer port	34	44,12576	15,21077	February
	CS5	Between Zadar and Biograd, near to the new port of Zadar: "Gazenica"	61	44,02318	15,28622	March
	CS6	Sibenik external near Island of Prvic	52	43,70396	15,80645	March
	CS7	Sibenik external near Island of Zlarin	25	43,65000	15,86183	March
	CS8	Split, West coast, Split touristic harbour	38	43,48643	16,44183	February
	CS9	Town of Omis, near former factory for ferrum and chromium production	37	43,38127	16,90387	February
	CS10	Entrance in the port of Ploce, external station	21	43,02608	17,41188	March
	CS11	Dubrovnik external	110	42,63339	18,02187	March
TTRANSECT AREA	TS1	"Split gates" near to Brac Island	52	43,4267	16,3983	February
	TS2	Horizontally aligned with Island of Hvar	78	43,2000	16,3167	February
	TS3	Horizontally aligned with Island of Vis	105	43,0000	16,3333	February
	TS4	Horizontally aligned to Susac, small island	175	42,6000	16,2683	February
	TS5	Horizontally aligned to Palagruza - lighthouse on a small rocky island	102	42,3666	16,2200	February
	TS6	20 nautic miles distanced from "Monte Garagano"- Italian coast	116	42,1333	16,1666	February

Table S2. Sampling locations and descriptions of the sites in Kaštela and Šibenik Bay selected for the Source apportionment and toxicity assessment

Area	Station	Site description	Bottom Depth (m)	Latitude N	Longitude E	Date in 2013.
KASTE LA BAY	KB1	Central station	38	43,51833	16,38166	February/October
	KB2	Near to the former plant for plastics production	30	43,53641	16,40658	February
	KB3	Industrial port "Northern port of Split"	18	43,53000	16,45333	February/October
	KB4	Near to town of Trogir, western part of the Bay	22	43,51766	16,34633	February/October
ŠIBENIK BAY	SB1	Marina-front	27	43,71939	15,89540	February/October
	SB2	Port of Sibenik-front	17	43,72787	15,89468	February/October
	SB3	Sibenik center, fisheries port	16	43,73498	15,88711	February/October
	SB4	Former ferroalloy factory-front	38	43,74136	15,88195	February/October
	SB5	Sibenik bay, middle of the Bay	35	43,73730	15,88183	February
	SB1A	Marina-inner	14	43,72570	15,89972	October
	SB2A	Port of Sibenik-inner	17	43,72675	15,89471	October
	SB4A	Port of ferroalloy factory-inner	31	43,74350	15,88080	October

Table S3. List of parent and alkyl-substituted PAH, sulphur heterocyclic aromatic compounds and oxygen heterocyclic aromatic compounds determined in sediment samples; abbreviation, molecular weight and internal standard used as a reference.

	ABBREVIATION	MW	INTERNAL STANDARD
PAHs and alkylated homologues			
Naphtalene	Na	128	Acenaphtene-d ₁₀
C1-Naphtalenes	C1-N	142	Acenaphtene-d ₁₀
C2-Naphtalenes	C2-N	156	Acenaphtene-d ₁₀
C3-Naphtalenes	C3-N	170	Acenaphtene-d ₁₀
C4-Naphtalenes	C4-N	184	Acenaphtene-d ₁₀
Acenaphtene	ACE	152	Acenaphtene-d ₁₀
Acenaphthylene	ACY	154	Acenaphtene-d ₁₀
Fluorene	F	166	Fluorene-d ₁₀
C1-Fluorenes	C1-F	180	Fluorene-d ₁₀
C2-Fluorenes	C2-F	194	Fluorene-d ₁₀
Anthracene	A	178	Fluorene-d ₁₀
Phenanthrene	PHE	178	Fluorene-d ₁₀
C1- Phenanthrene	C1-PHE	192	Fluorene-d ₁₀
C2- Phenanthrene	C2-PHE	206	Fluorene-d ₁₀
C3- Phenanthrene	C3-PHE	220	Fluorene-d ₁₀
Fluoranthene	FL	202	Pyrene-d ₁₀
Retene	R	202	Pyrene-d ₁₀
Pyrene	PY	202	Pyrene-d ₁₀
C1-Pyrenes	C1-PY	216	Pyrene-d ₁₀
C2-Pyrenes	C2-PY	230	Pyrene-d ₁₀
Benzo[a]anthracene	BaA	228	Benzo[a]anthracene-d ₁₂
Chrysene	CHR	228	Benzo[a]anthracene-d ₁₂
C1-Chrysene	C1-CHR	242	Benzo[a]anthracene-d ₁₂
C2-Chrysene	C2-CHR	256	Benzo[a]anthracene-d ₁₂
C3-Chrysene	C3-CHR	270	Benzo[a]anthracene-d ₁₂
Benzo[a]pyrene	BaP	252	Benzo[a]anthracene-d ₁₂
Benzo[e]pyrene	BeP	252	Benzo[a]anthracene-d ₁₂
Perylene	Per	252	Benzo[a]anthracene-d ₁₂
Dibenzo[a,e]pyrene	DBP	302	Benzo[a]anthracene-d ₁₂
Benzo[b+j]fluoranthene	BbjFL	252	Benzo[a]anthracene-d ₁₂
Benzo[k]fluoranthene	BkFL	252	Benzo[a]anthracene-d ₁₂
C1-Benzofluoranthenes	C1-BFL	266	Benzo[a]anthracene-d ₁₂
Benzo[ghi]perylene	BghiP	276	Indeno[1,2,3-cd]pyren-d ₁₀
Dibenzo[a,h]anthracene	DBA	278	Indeno[1,2,3-cd]pyren-d ₁₀
Indeno[1,2,3-cd]pyrene	IP	276	Indeno[1,2,3-cd]pyren-d ₁₀
Coronene	COR	276	Indeno[1,2,3-cd]pyren-d ₁₀
PAH compounds with MW of 302	MW-302	302	Benzo[a]anthracene-d ₁₂
Dibenzothiophenes	DBT	184	Fluorene-d ₁₀
C1-Dibenzothiophenes	C1-DBT	198	Fluorene-d ₁₀
C2-Dibenzothiophenes,	C2-DBT	212	Fluorene-d ₁₀
Benzo[b]naphtothiophenes	BNT	234	Pyrene-d ₁₀
C1- Benzo[b]naphtothiophenes	C1-BNT	248	Pyrene-d ₁₀
Dibenzo[b,d]furan	DBF	168	Fluorene-d ₁₀
C1 - Dibenzo[b,d]furan	C1-DBF	182	Fluorene-d ₁₀
C2 - Dibenzo[b,d]furan	C2-DBF	196	Fluorene-d ₁₀

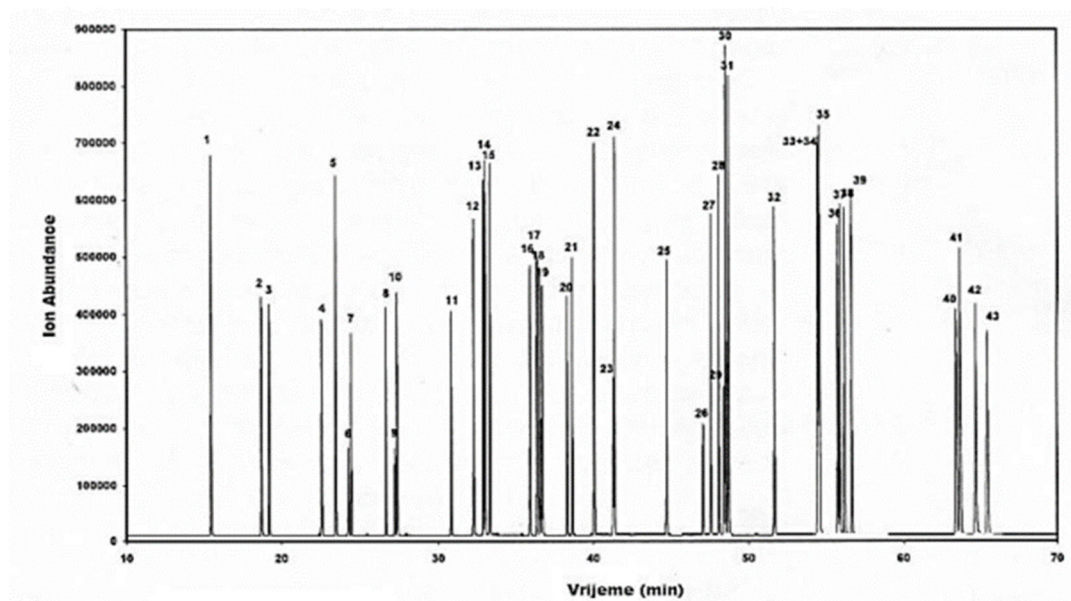


Figure S1. Chromatogram of the PAH mixture in sediment sample separated by DB5-MS column and obtained by GC-MS operating in the SIM mode.

Table S4. PAH concentration ($\mu\text{g kg}^{-1}$ dry sediment weight) with limits of detection (LOD) determined in the sediments of Coastal area and measurements uncertainties for each sample used as input data matrices for PMF.

STATION LOD	CS1 2,1E-04	CS2 9,4E-05	CS3 8,5E-04	CS4 4,5E-05	CS5 3,1E-05	CS6 6,6E-05	CS7 1,2E-04	CS8 8,5E-04	CS9 6,5E-04	CS10 3,8E-04	CS11 6,5E-04
N	1.32	12.89	12.53	5.02	1.54	2.09	0.41	0.00	22.75	2.81	7.47
C1-N	1.38	17.14	13.67	7.12	2.05	3.34	1.19	0.00	32.77	6.42	12.54
C2-N	3.06	30.80	17.15	13.85	1.00	4.89	2.69	3.68	54.62	11.23	20.67
C3-N	2.03	23.28	12.40	8.45	0.00	3.05	0.73	4.58	43.30	9.88	16.43
C4-N	0.34	15.84	4.93	5.10	0.00	1.27	0.78	1.18	26.97	5.19	10.00
ACY	0.17	1.18	0.00	0.45	0.00	0.00	0.00	0.00	2.65	0.31	0.91
ACE	0.28	1.95	7.06	1.09	1.23	1.22	0.64	0.76	7.63	0.80	2.97
F	0.81	4.66	13.51	3.16	1.10	1.89	0.63	2.27	17.13	2.21	6.28
C1-F	0.74	8.39	12.51	4.90	0.00	2.93	2.33	4.29	20.85	4.48	8.60
C2-F	0.79	13.11	5.26	3.43	0.00	1.20	2.02	5.50	16.70	3.81	6.22
PHE	6.78	58.25	137.66	22.80	14.52	18.34	7.11	22.83	99.72	15.79	33.25
A	1.40	11.35	38.01	7.28	2.42	4.67	1.76	4.53	35.03	2.47	11.42
C1-PHE	5.66	58.95	85.76	25.37	6.62	16.42	6.81	24.49	86.70	20.36	31.86
C2-PHE	4.55	54.30	102.03	30.03	3.13	11.99	4.10	22.81	105.39	24.32	38.56
C3-PHE	3.73	57.24	85.70	19.65	0.00	5.32	1.66	13.94	71.84	16.31	21.25
FL	8.27	42.29	239.19	49.18	18.82	33.58	12.73	23.56	186.03	23.83	69.06
P	7.00	38.59	207.46	40.90	18.90	27.13	10.58	17.48	160.44	21.91	60.00
R	7.12	18.24	4.26	18.38	1.32	11.03	2.64	6.05	49.25	10.01	20.61
C1-P	6.20	44.26	186.17	49.26	14.22	29.36	8.85	21.51	203.93	20.28	74.64
C2-P	0.24	26.28	74.46	16.93	1.81	7.66	2.67	1.13	77.68	11.53	27.75
BaA	2.57	20.72	120.19	27.54	11.47	14.83	7.15	11.03	94.17	8.46	34.27
CHR	3.06	25.35	127.35	23.36	14.61	19.76	6.31	16.43	98.89	19.80	40.67
C1-CHR	3.78	31.66	128.38	43.23	6.17	15.38	5.63	13.76	117.43	10.90	40.55
C2-CHR	1.94	21.42	71.03	14.73	0.00	5.69	2.30	8.34	55.02	6.00	16.86
C3-CHR	0.00	6.81	16.00	2.46	0.00	0.29	0.81	0.34	11.96	1.88	3.65
BbFL	25.05	38.06	287.83	55.99	16.92	28.90	15.12	55.90	175.37	27.58	61.00
BkFL	3.83	8.98	70.72	17.93	6.85	10.79	5.88	8.32	55.80	4.28	20.69
C1-BFL	4.48	18.53	82.21	23.83	10.51	17.55	10.81	12.36	92.05	5.58	35.24
BeP	5.17	19.00	107.68	25.92	10.24	14.39	8.14	14.01	81.12	8.41	29.83
BaP	3.53	19.00	136.23	26.48	13.87	17.24	9.34	14.02	98.12	6.14	35.11
PER	4.64	6.10	43.37	12.42	3.99	7.34	2.90	41.30	32.82	25.40	21.60
IP	9.87	0.00	6.04	27.35	10.17	17.87	10.79	17.08	73.60	3.97	33.53
DBA	1.19	2.87	6.50	11.40	2.29	4.10	1.98	3.35	24.17	0.99	9.91
BghiP	3.51	9.62	1.14	20.99	7.45	15.18	6.19	8.93	64.01	1.75	27.15
NaFL	15.49	4.39	31.37	8.20	3.78	5.00	4.20	31.15	29.81	1.01	8.10
DBP	0.82	1.49	12.64	2.23	2.29	2.95	1.72	1.99	7.72	0.70	3.32
COR	0.23	2.49	10.42	1.95	2.56	3.62	1.02	0.44	6.96	0.38	2.95
Mw-302	19.14	14.08	71.34	23.63	13.63	23.46	13.90	38.42	92.10	2.55	34.00
DBT	0.85	22.40	15.96	7.36	1.40	3.38	1.20	3.01	26.23	2.74	7.69
C1-DBT	0.00	37.87	18.96	11.00	0.55	4.35	1.56	0.00	42.91	3.63	12.12
C2-DBT	0.81	63.38	19.82	12.00	0.00	4.58	1.70	4.03	42.69	7.30	9.89
C3-DBT	0.70	49.92	14.89	8.11	0.00	1.93	0.84	2.57	23.74	4.03	3.12
BNT	2.18	15.93	11.55	10.02	5.31	10.39	3.23	70.40	38.73	3.57	15.59
C1-BNT	2.95	37.17	26.87	12.91	0.63	7.50	3.08	15.93	43.90	4.87	12.87
DBF	1.88	12.27	9.91	4.81	1.27	1.99	1.44	2.85	18.59	3.67	6.68
C1-DBF	1.01	7.84	8.03	3.51	0.95	0.98	0.35	3.11	16.19	2.44	5.66
C2-DBF	0.15	3.09	1.91	1.66	0.00	0.82	0.25	0.60	7.69	1.71	3.17
M.U.	0.14	0.16	0.13	0.23	0.19	0.17	0.21	0.18	0.25	0.22	0.10

Table S5. PAH concentration ($\mu\text{g kg}^{-1}$ dry sediment weight) with limits of detection (LOD) determined in the sediments of transect area and measurements uncertainties (M.U.) for each sample used as input data matrices for PMF.

Station	TS1	TS2	TS3	TS4	TS5	TS6
LOD	2.1E-05	9.0E-05	8.5E-04	3.4E-05	2.0E-05	4.1E-04
N	1.194	0.220	0.209	17.777	2.635	10.173
C1-N	1.252	0.752	0.807	0.638	5.292	21.383
C2-N	2.858	1.125	2.145	1.983	7.577	33.283
C3-N	1.943	1.002	1.583	0.346	5.362	20.959
C4-N	0.568	0.635	0.970	0.000	3.260	14.020
ACY	0.191	0.000	0.059	0.000	0.154	0.648
ACE	0.255	0.081	0.052	0.000	0.195	0.635
F	0.778	0.180	0.225	0.492	0.726	3.351
C1-F	0.986	0.888	0.684	0.313	2.607	10.550
C2-F	0.492	3.004	0.743	0.000	2.386	9.314
PHE	9.445	1.615	2.233	4.345	7.710	25.357
A	2.670	0.239	0.173	0.521	0.670	2.209
C1-PHE	7.349	1.491	3.255	4.874	13.404	41.951
C2-PHE	4.930	0.850	1.941	1.263	9.764	39.964
C3-PHE	1.830	1.628	1.160	0.314	5.958	23.440
FL	14.479	2.210	1.755	1.924	4.774	13.750
P	11.863	1.648	1.471	1.499	4.534	15.747
R	2.182	0.429	0.447	0.293	1.656	16.776
C1-P	10.928	1.639	2.284	0.334	9.211	41.576
C2-P	2.950	1.499	1.248	0.000	5.663	27.639
BaA	10.668	0.881	0.861	0.465	3.209	8.994
CHR	9.086	0.985	1.455	0.902	5.233	14.164
C1-CHR	5.451	1.126	1.595	0.313	6.252	32.927
C2-CHR	2.762	1.004	1.174	0.000	5.006	32.119
C3-CHR	0.000	0.006	0.513	0.000	1.255	9.472
BbFL	18.837	2.276	4.159	0.902	11.230	57.603
BkFL	6.693	0.785	1.252	0.000	3.222	17.068
C1-BFL	7.011	1.343	4.354	0.278	11.138	73.344
BeP	8.674	1.220	1.917	1.173	5.497	31.007
BaP	10.762	1.137	1.066	0.453	2.843	14.804
PER	3.966	0.562	1.043	0.553	3.096	70.100
IP	10.807	1.964	3.565	2.662	8.584	41.591
DBA	2.136	0.293	0.548	0.345	1.573	6.756
BghiP	8.276	1.128	1.848	1.045	5.833	29.891
NaFL	3.015	0.000	0.000	5.527	5.003	17.892
DBP	1.033	0.240	0.384	0.000	0.995	4.347
COR	1.543	0.527	1.824	0.000	5.297	17.904
Mw-302	9.164	1.777	3.878	6.450	15.769	58.842
DBT	1.494	0.218	0.227	0.455	0.710	2.535
C1-DBT	0.676	0.440	0.536	0.000	1.013	4.478
C2-DBT	0.800	0.906	1.088	0.000	1.633	8.149
C3-DBT	0.288	0.906	0.570	0.000	1.125	5.134
BNT	1.764	0.563	0.689	0.384	2.225	7.455
C1-BNT	2.255	0.505	1.097	0.730	2.380	13.834
DBF	1.569	0.552	0.680	0.000	1.537	6.746
C1-DBF	0.717	0.305	0.218	2.155	0.823	2.983
C2-DBF	0.202	0.074	0.050	1.238	0.315	0.654
M.U.	0.10	0.05	0.15	0.07	0.090	0.06

Table S6. PAH concentration ($\mu\text{g kg}^{-1}$ dry sediment weight) with limits of detection (LOD) determined in the sediments of Kastela Bay are and measurements uncertainties (M.U.) for each sample used as input data matrices for PMF.

Station	KB1	KB2	KB3	KB4	KB1	KB3	KB4
LOD	2.1E-05	9.0E-05	8.5E-04	3.4E-05	2.0E-05	4.1E-04	6.3E-05
N	3.560	10.374	16.980	2.305	8.733	21.551	2.288
C1-N	6.233	16.442	52.037	5.422	12.806	58.808	4.032
C2-N	14.691	40.184	116.753	13.283	11.391	72.485	9.028
C3-N	13.083	28.915	103.110	9.858	7.462	60.312	5.914
C4-N	8.192	15.933	51.334	5.499	3.908	39.403	2.514
ACY	0.543	1.081	2.308	0.364	1.110	2.409	0.295
ACE	1.139	2.445	9.677	0.608	2.077	9.313	0.462
F	3.221	6.014	20.497	2.181	5.204	20.004	1.537
C1-F	7.782	14.296	55.555	5.541	3.978	35.998	2.227
C2-F	9.389	18.715	65.352	8.381	3.787	30.419	4.732
PHE	22.752	37.154	90.443	11.227	41.907	90.631	10.461
A	7.161	8.437	26.896	3.570	15.569	27.471	2.969
C1-PHE	28.570	44.727	126.511	14.961	37.921	132.304	8.981
C2-PHE	31.699	51.169	157.622	13.818	44.854	152.854	10.160
C3-PHE	22.407	34.838	105.337	9.558	29.764	97.402	7.026
FL	37.230	59.538	127.579	17.397	64.771	134.127	18.062
P	32.573	54.949	120.442	13.778	56.199	126.627	15.052
R	11.315	12.186	41.777	3.778	16.377	40.064	3.514
C1-P	50.848	97.989	249.731	26.167	63.823	190.311	18.034
C2-P	17.511	27.705	121.780	7.842	22.306	106.779	5.662
BaA	14.973	25.688	47.389	9.370	35.785	66.792	8.385
CHR	14.281	33.502	70.075	15.726	38.489	176.841	9.416
C1-CHR	20.530	32.923	89.539	9.961	40.868	115.163	7.231
C2-CHR	12.990	22.849	92.546	7.863	20.989	66.996	4.896
C3-CHR	49.426	72.486	132.479	27.755	101.340	200.154	31.208
BbFL	2.817	4.286	10.321	1.187	5.483	14.876	0.950
BkFL	0.823	2.903	1.407	1.024	3.166	10.245	0.734
C1-BFL	17.907	28.206	51.848	9.379	33.641	77.003	7.240
BeP	14.413	26.900	45.574	7.976	36.227	89.254	8.425
BaP	8.579	10.880	23.029	4.229	17.390	32.235	2.960
PER	3.057	5.269	8.743	1.904	7.482	17.517	1.651
IP	9.472	22.111	21.826	6.248	30.105	60.117	5.237
DBA	3.194	7.456	7.351	2.926	12.385	23.512	3.186
BghiP	1.371	3.315	2.263	1.153	3.483	8.406	1.007
NaFL	1.560	5.358	2.251	1.808	3.842	9.185	1.395
DBP	10.635	29.705	22.833	9.984	35.793	58.178	9.409
COR	6.298	12.438	28.091	6.119	10.821	32.959	3.719
Mw-302	9.946	19.953	63.100	9.655	16.106	42.972	5.875
DBT	16.637	41.802	92.128	17.011	19.869	101.539	6.441
C1-DBT	12.220	23.184	56.309	7.158	12.196	44.253	4.780
C2-DBT	8.949	17.900	31.763	7.842	16.387	24.651	5.041
C3-DBT	11.125	29.443	73.291	12.043	21.481	62.397	7.357
BNT	4.565	8.370	19.858	3.004	7.849	19.639	2.744
C1-BNT	3.491	10.667	13.906	4.167	5.493	21.708	1.526
DBF	1.733	3.065	10.582	0.993	2.815	4.317	0.845
C1-DBF	3.958	10.228	31.870	3.339	7.946	37.549	2.351
C2-DBF	2.274	6.214	20.167	2.083	4.859	21.259	1.681
M.U.	0.20	0.18	0.28	0.24	0.13	0.17	0.15

Table S7. PAH concentration ($\mu\text{g kg}^{-1}$ dry sediment weight) with limits of detection (LOD) determined in the sediments of Šibenik bay and measurements uncertainties (M.U.) for each sample used as input data matrices for PMF.

STATION	SB1	SB2	SB3	SB4	SB5	SB1	SB2	SB3	SB4	SB1A	SB2A	SB4A
LOD	0.00048	3.7E-04	8.7E-04	6.5E-04	9.8E-05	0.0007	0.0004	1.8E-04	2.2E-04	1.2E-05	5.8E-04	6.7E-04
N	350.81	27.42	40.16	85.34	13.81	59.13	24.56	68.30	71.67	123.09	41.42	117.34
C1-N	626.31	30.77	37.41	60.40	14.17	41.46	43.02	63.17	91.38	159.47	47.58	197.44
C2-N	307.77	33.47	34.79	53.73	28.52	57.49	81.97	86.96	160.28	145.17	70.16	189.07
C3-N	230.73	19.81	23.50	53.34	74.82	70.52	60.28	47.78	125.80	112.03	41.49	139.96
C4-N	139.49	0.00	11.76	18.16	0.00	9.23	21.99	8.53	53.54	68.83	8.63	87.05
ACY	70.04	0.00	2.48	7.98	0.00	9.66	3.41	2.57	9.39	10.82	1.69	8.15
ACE	673.40	48.68	44.60	134.60	30.45	55.51	51.83	121.92	89.73	108.53	78.85	176.64
F	76.81	54.39	56.14	152.92	36.84	71.75	55.18	146.25	103.45	127.72	78.97	183.64
C1-F	394.01	24.52	27.89	62.73	28.67	61.58	60.51	536.47	91.80	105.19	30.38	129.28
C2-F	175.17	6.84	15.16	36.91	7.06	26.36	57.40	60.00	105.11	129.91	18.99	156.32
PHE	359.24	487.99	662.38	1312.98	365.38	682.77	498.22	50.00	999.86	1119.77	539.81	1447.85
A	84.65	159.34	145.59	306.80	86.73	143.30	100.36	315.85	220.92	265.64	105.25	330.97
C1-PHE	440.80	148.06	220.09	490.20	118.93	296.74	263.22	804.11	591.39	494.27	324.22	494.39
C2-PHE	635.77	117.87	157.70	318.95	89.37	251.15	224.58	479.66	527.03	450.39	220.98	434.79
C3-PHE	307.91	43.17	91.99	219.66	39.60	161.85	162.44	224.97	306.62	330.07	98.15	298.67
FL	694.47	894.10	1040.16	2375.64	819.05	956.94	961.95	1925.84	1977.56	2321.01	784.63	2830.75
P	593.52	748.63	840.86	1958.56	664.67	876.97	820.92	1587.80	1719.64	1968.87	690.30	2297.86
R	126.42	97.44	52.74	16.29	136.21	68.85	307.57	88.28	170.73	12.52	28.69	326.65
C1-P	515.33	469.13	450.76	1190.12	360.46	677.83	745.39	1295.35	1251.09	1037.12	725.26	1701.86
C2-P	391.27	155.25	197.72	497.68	104.36	300.43	257.02	437.41	443.99	625.65	283.55	470.59
BaA	388.62	489.00	460.13	1142.13	419.78	515.66	484.11	789.30	941.67	1142.78	418.99	1370.17
CHR	412.53	525.68	489.73	1242.15	466.04	584.13	535.72	823.35	1071.84	1270.85	557.79	1482.98
C1-CHR	586.57	425.68	349.55	1060.75	289.18	323.27	328.94	516.48	604.90	891.37	418.79	978.85
C2-CHR	212.11	116.19	132.78	334.49	79.76	208.84	154.53	221.18	329.65	547.55	196.10	478.93
C3-CHR	99.27	4.61	16.36	51.96	0.00	40.65	11.90	31.93	57.67	71.54	25.23	60.64
BbFL	913.27	1121.35	972.73	2741.60	964.21	930.90	726.11	1024.80	1648.42	2715.55	645.96	2892.63
BkFL	243.59	289.13	238.84	650.38	252.53	297.38	234.20	334.85	533.63	645.96	198.30	685.53
C1-BFL	260.56	317.27	241.96	884.32	202.30	552.53	450.07	680.51	779.19	805.28	565.46	850.89
BeP	338.54	414.89	363.65	982.61	349.81	442.19	353.50	506.14	806.10	981.28	359.85	1036.15
BaP	453.93	558.49	517.07	1406.44	494.37	618.70	519.11	772.87	1159.38	1394.69	461.83	1576.52
PER	177.34	208.14	157.42	403.26	175.02	162.69	144.58	186.86	289.41	384.41	115.08	458.79
IP	104.09	24.92	21.74	65.85	374.41	515.86	372.74	538.06	896.61	108.19	322.72	119.22
DBA	111.15	26.26	27.77	320.75	24.13	122.05	96.60	143.76	226.43	123.70	89.90	146.03
BghiP	9.88	5.41	4.68	12.69	5.77	452.00	345.67	455.36	816.03	13.63	326.19	15.77
NaFL	138.44	168.70	155.36	621.81	145.57	200.32	164.96	212.64	381.08	654.30	134.16	640.50
DBP	79.28	80.14	105.54	321.80	73.19	93.55	83.99	88.49	166.88	334.90	72.73	342.59
COR	75.39	84.12	83.44	281.06	71.53	99.68	86.91	85.53	190.35	345.19	61.04	275.24
Mw-302	482.68	411.61	443.20	1508.08	495.78	830.14	802.54	867.37	1564.46	1946.85	587.73	1806.81
DBT	72.95	46.59	56.98	122.74	41.39	61.03	59.91	128.33	100.21	152.53	47.60	228.96
C1-DBT	164.06	39.69	31.36	62.25	20.01	28.70	67.59	50.79	109.27	111.93	32.02	241.44
C2-DBT	156.44	28.92	20.02	53.00	11.23	30.80	79.60	37.44	121.81	134.52	35.99	147.33
C3-DBT	107.66	11.35	10.76	44.77	8.63	27.33	31.51	11.20	71.17	102.18	28.95	104.06
BNT	168.72	205.64	44.73	101.47	180.48	254.59	250.29	385.63	393.51	113.27	260.93	141.01
C1-BNT	65.91	94.34	57.91	203.57	79.42	140.74	189.62	182.48	271.27	283.88	285.91	346.48
DBF	58.60	29.06	40.50	80.27	16.83	60.92	32.47	104.77	72.35	98.63	52.08	118.91
C1-DBF	50.90	22.62	25.32	41.37	11.15	24.21	43.00	56.53	52.06	66.17	18.11	85.17
C2-DBF	47.74	2.93	3.37	6.03	9.20	11.28	12.74	26.81	27.68	10.12	7.96	11.38
M.U.	0.17	0.17	0.15	0.01	0.11	0.10	0.05	0.01	0.07	0.2	0.15	0.25