

APPENDIX F PAH FINGERPRINTING RESULTS

Method A - Correlation Coefficient	Black Coal Tar 1	Black Coal Tar 2	Black Coal Tar 3	Brown Coal Tar	Steelworks Tar 1	Steelworks Tar 2	Weathered Coal Tar	Creosote 1	Creosote 2	Weathered Creosote	Ash from Black Coal 1	Ash from Black Coal 2	Ash from Black Coal 3	Ash from Brown Coal	Bitumen	Coke	Waste Oil Petrol	Waste Oil Diesel
TP1 (0-0.1)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP1 (0.35-0.4)	0.29	0.37	0.59	-0.14	0.27	0.35	0.10	0.11	-0.05	0.15	0.58	0.69	0.65	0.56	0.05	0.67	0.59	0.42
TP1 (0.3-0.35)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP2 (0-0.1)	0.07	0.56	0.87	-0.26	0.43	0.45	0.28	0.31	-0.05	0.39	0.95	0.94	0.95	0.97	0.06	0.99	0.45	0.78
TP2 (0.95-1.0)	0.15	0.65	0.91	-0.19	0.55	0.50	0.42	0.47	0.08	0.54	0.97	0.98	0.97	0.97	0.07	0.99	0.39	0.82
TP2 (1.5-1.6)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP3 (0-0.1)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP3 (0.3)	0.52	0.78	0.84	0.17	0.84	0.49	0.84	0.85	0.56	0.87	0.68	0.81	0.70	0.60	0.16	0.62	0.27	0.75
TP3 (1.4)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP4 (0-0.1)	0.16	0.66	0.91	-0.17	0.56	0.50	0.43	0.49	0.11	0.56	0.98	0.98	0.97	0.97	0.10	0.98	0.41	0.85
TP4 (0.25-0.3)	0.24	0.73	0.92	-0.09	0.66	0.46	0.58	0.57	0.22	0.64	0.92	0.97	0.95	0.92	0.19	0.92	0.47	0.86
TP4 (0.5)	0.27	0.73	0.95	-0.09	0.64	0.53	0.50	0.52	0.16	0.58	0.95	0.98	0.95	0.95	0.15	0.97	0.42	0.79
TP5 (0-0.1)	0.13	0.62	0.88	-0.18	0.51	0.51	0.36	0.44	0.08	0.51	0.97	0.96	0.96	0.96	0.07	0.98	0.40	0.82
TP5 (0.8)	-0.05	0.44	0.75	-0.31	0.27	0.40	0.08	0.13	-0.18	0.21	0.89	0.85	0.90	0.94	0.03	0.96	0.48	0.78
TP5 (1.8)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP6 (0-0.1)	0.16	0.65	0.91	-0.17	0.55	0.51	0.41	0.48	0.10	0.55	0.97	0.98	0.97	0.96	0.08	0.98	0.39	0.82
TP6 (0.25-0.3)	0.34	0.78	0.95	-0.01	0.71	0.59	0.56	0.58	0.24	0.63	0.94	0.99	0.97	0.93	0.17	0.94	0.36	0.82
TP6 (1.75-1.8)	0.16	0.66	0.92	-0.18	0.56	0.49	0.44	0.48	0.09	0.56	0.97	0.98	0.97	0.97	0.08	0.98	0.41	0.82
TP7 (0-0.1)	0.18	0.68	0.92	-0.16	0.58	0.50	0.47	0.51	0.14	0.58	0.97	0.99	0.97	0.96	0.11	0.98	0.43	0.82
TP7 (0.3-0.4)	0.11	0.56	0.88	-0.26	0.43	0.41	0.29	0.26	-0.09	0.34	0.90	0.92	0.93	0.95	0.08	0.97	0.51	0.68
TP7 (1.75-1.8)	0.91	0.90	0.53	0.79	0.94	0.76	0.70	0.69	0.79	0.62	0.32	0.44	0.47	0.25	0.45	0.27	0.13	0.76
TP7 (2.9-3)	0.47	0.63	0.73	0.07	0.60	0.21	0.69	0.56	0.36	0.60	0.65	0.62	0.55	0.42	0.23	0.49	0.48	0.28
TP8 (0-0.1)	0.07	0.57	0.86	-0.25	0.43	0.42	0.30	0.32	-0.04	0.40	0.96	0.94	0.96	0.98	0.13	1.00	0.52	0.80
TP8 (0.6-0.7)	0.47	0.77	0.86	0.10	0.81	0.44	0.84	0.53	0.51	0.87	0.70	0.83	0.72	0.62	0.12	0.65	0.24	0.75
TP9 (0-0.1)	0.17	0.63	0.88	-0.17	0.53	0.47	0.37	0.49	0.15	0.57	0.97	0.97	0.96	0.97	0.09	0.98	0.36	0.89
TP9 (0.4-0.5)	0.47	0.73	0.87	0.07	0.60	0.21	0.69	0.56	0.35	0.60	0.65	0.62	0.55	0.42	0.23	0.49	0.48	0.28
TP9 (0.7-0.8)	0.10	0.55	0.86	-0.24	0.39	0.41	0.25	0.24	-0.09	0.32	0.92	0.91	0.93	0.94	0.10	0.98	0.48	0.73
TP10 (0-0.1)	0.11	0.53	0.77	-0.19	0.43	0.53	0.21	0.32	0.01	0.38	0.93	0.88	0.91	0.90	0.08	0.95	0.47	0.84
TP10 (0.5-0.6)	0.19	0.62	0.90	-0.20	0.50	0.45	0.38	0.36	0.00	0.44	0.94	0.96	0.96	0.95	0.15	0.98	0.50	0.77
TP10 (1-1.1)	0.44	0.82	0.95	0.07	0.79	0.59	0.67	0.68	0.35	0.72	0.89	0.86	0.92	0.86	0.22	0.88	0.37	0.80
TP11 (0-0.2)	0.21	0.40	0.63	-0.14	0.32	0.43	0.12	0.19	-0.01	0.22	0.64	0.65	0.69	0.61	0.04	0.72	0.47	0.46
TP11 (0.5-0.6)	0.19	0.28	0.48	-0.14	0.16	0.21	0.04	-0.02	-0.11	0.03	0.40	0.45	0.44	0.45	0.08	0.52	0.59	0.22
TP11 (1.2-1.3)	0.18	0.65	0.93	-0.19	0.53	0.46	0.42	0.49	0.17	0.56	0.97	0.96	0.96	0.96	0.11	0.95	0.42	0.80
TP11 (2.2-1)	0.56	0.90	0.90	0.25	0.88	0.61	0.84	0.79	0.52	0.85	0.74	0.85	0.80	0.67	0.14	0.69	0.23	0.82
TP12 (0-0.1)	0.13	0.59	0.88	-0.22	0.47	0.46	0.32	0.35	0.00	0.42	0.92	0.94	0.92	0.95	0.09	0.98	0.53	0.72
TP12 (0.2-0.3)	0.19	0.67	0.95	-0.19	0.57	0.45	0.49	0.46	0.07	0.55	0.94	0.99	0.96	0.95	0.07	0.97	0.44	0.78
TP12 (0.6-0.7)	0.13	0.60	0.87	-0.19	0.52	0.53	0.34	0.41	0.04	0.49	0.95	0.96	0.96	0.95	0.01	0.98	0.37	0.84
TP13 (0-0.1)	0.20	0.57	0.79	-0.12	0.50	0.57	0.28	0.40	0.11	0.45	0.86	0.87	0.87	0.82	-0.03	0.89	0.37	0.75
TP13 (0.3-0.35)	0.16	0.64	0.93	-0.21	0.53	0.46	0.41	0.41	0.03	0.46	0.95	0.96	0.96	0.96	0.05	0.99	0.43	0.79
TP13 (0.8-0.85)	0.34	0.75	0.98	-0.09	0.67	0.50	0.60	0.58	0.19	0.66	0.92	0.99	0.95	0.91	0.09	0.94	0.37	0.77
TP14 (0.1-0.15)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP14 (0.5-0.6)	0.29	0.69	0.88	-0.05	0.65	0.59	0.50	0.62	0.27	0.66	0.89	0.93	0.89	0.83	0.02	0.88	0.33	0.75
TP14 (0.85-0.9)	0.39	0.79	0.92	0.05	0.79	0.51	0.78	0.80	0.43	0.85	0.84	0.93	0.83	0.78	0.10	0.79	0.23	0.82
TP15 (0-0.1)	0.15	0.50	0.74	-0.16	0.39	0.52	0.16	0.26	0.00	0.31	0.80	0.80	0.83	0.79	-0.04	0.86	0.39	0.67
TP15 (0.5-0.6)	0.20	0.66	0.92	-0.14	0.55	0.52	0.42	0.49	0.13	0.55	0.95	0.97	0.95	0.93	0.06	0.97	0.39	0.76
TP15 (1-1.1)	0.10	0.57	0.87	-0.23	0.43	0.45	0.27	0.29	-0.05	0.36	0.92	0.93	0.95	0.95	0.08	0.98	0.50	0.73
TP15 (2.4-2.5)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP16 (0.05-0.15)	0.24	0.70	0.96	-0.15	0.60	0.47	0.51	0.49	0.12	0.58	0.93	0.99	0.96	0.94	0.09	0.96	0.44	0.78
TP16 (0.4-0.5)	0.24	0.69	0.96	-0.16	0.58	0.46	0.49	0.47	0.09	0.55	0.92	0.98	0.95	0.93	0.09	0.96	0.45	0.73
TP16 (1-1.1)	-0.01	0.42	0.74	-0.33	0.21	0.27	0.07	0.03	-0.24	0.11	0.78	0.78	0.83	0.86	0.10	0.89	0.59	0.49
TP16 (2-2.1)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP17 (0-0.1)	0.18	0.55	0.79	-0.14	0.45	0.54	0.23	0.34	0.05	0.39	0.83	0.84	0.86	0.81	-0.03	0.88	0.39	0.67
TP17 (0.3-0.4)	0.17	0.63	0.89	-0.17	0.50	0.48	0.35	0.39	0.06	0.46	0.95	0.93	0.94	0.95	0.09	0.97	0.46	0.75
TP17 (1.0-1.1)	0.30	0.74	0.95	-0.06	0.69	0.57	0.55	0.59	0.21	0.64	0.95	0.99	0.96	0.92	0.11	0.94	0.37	0.81
TP18 (0-0.1)	0.06	0.53	0.85	-0.28	0.40	0.42	0.24	0.25	-0.10	0.33	0.92	0.92	0.94	0.96	0.07	0.98	0.54	0.74
TP18 (0.25-0.3)	0.13	0.60	0.90	-0.24	0.49	0.45	0.36	0.38	0.00	0.46	0.95	0.95	0.97	0.97	0.08	0.99	0.48	0.78
TP18 (0.7-0.8)	0.28	0.71	0.95	-0.11	0.59	0.43	0.52	0.49	0.15	0.55	0.90	0.96	0.94	0.90	0.20	0.94	0.52	0.71
TP19 (0-0.1)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP19 (0.3-0.4)	0.21	0.66	0.95	-0.18	0.59	0.48	0.49	0.49	0.10	0.57	0.95	0.99	0.95	0.94	0.07	0.97	0.44	0.79
TP19 (0.6-0.7)	0.21	0.34	0.57	-0.15	0.26	0.38	0.09	0.16	-0.04	0.18	0.61	0.59	0.62	0.56	0.11	0.67	0.45	0.36
TP20 (0.1-0.2)	0.20	0.65	0.90	-0.15	0.57	0.52	0.44	0.50	0.13	0.57	0.97	0.97	0.95	0.93	0.09	0.97	0.45	0.82
TP20 (0.6-0.7)	0.20	0.67	0.94	-0.18	0.57	0.48	0.46	0.46	0.08	0.54	0.95	0.98	0.95	0.98	0.08	0.98	0.41	0.78
TP20 (0.8-0.9)	0.02	0.29	0.60	-0.30	0.12	0.19	0.03	-0.05	-0.26	0.03	0.67	0.68	0.64	0.68	0.20	0.76	0.71	0.42
TP21 (0-0.1)	0.06	0.50	0.76	-0.23	0.40	0.51	0.18	0.28	-0.04	0.35	0.93	0.88	0.91	0.91	0.09	0.95	0.58	0.81
TP21 (0.45-0.5)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP21 (0.8-0.9)	0.36	0.77	0.94	0.00	0.76	0.48	0.77	0.77	0.38	0.83	0.86	0.94	0.85	0.80	0.10	0.81	0.26	0.82
TP22 (0-0.1)	0.26	0.72	0.96	-0.12	0.64	0.50	0.58	0.5										

Method A - Correlation Coefficient																		
	Black Coal Tar 1	Black Coal Tar 2	Black Coal Tar 3	Brown Coal Tar	Steelworks Tar 1	Steelworks Tar 2	Weathered Coal Tar	Creosote 1	Creosote 2	Weathered Creosote	Ash form Black Coal 1	Ash from Black Coal 2	Ash from Black Coal 3	Ash from Brown Coal	Bitumen	Coke	Waste Oil Petrol	Waste Oil Diesel
TP23 (0-0.1)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP23 (0.4-0.5)	0.20	0.48	0.70	-0.12	0.43	0.56	0.19	0.32	0.06	0.36	0.80	0.78	0.80	0.74	-0.01	0.82	0.41	0.68
TP23 (1-1.1)	0.11	0.54	0.81	-0.20	0.39	0.48	0.21	0.28	-0.02	0.35	0.91	0.89	0.91	0.04	0.96	0.43	0.77	
TP24 (0-0.1)	0.19	0.21	0.40	-0.13	0.11	0.16	0.00	-0.06	-0.12	-0.03	0.30	0.35	0.40	0.31	0.10	0.43	0.46	0.06
TP24 (0.5-0.6)	0.27	0.53	0.73	-0.10	0.45	0.45	0.29	0.32	0.10	0.37	0.71	0.76	0.77	0.68	0.07	0.77	0.48	0.57
TP24 (1.1-1.2)	0.21	0.65	0.91	-0.14	0.57	0.51	0.46	0.51	0.13	0.59	0.96	0.97	0.93	0.92	0.04	0.96	0.31	0.84
TP25 (0-0.1)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP25 (0.7-0.8)	0.23	0.69	0.92	-0.12	0.60	0.54	0.48	0.55	0.18	0.61	0.97	0.98	0.96	0.94	0.08	0.96	0.34	0.82
TP25 (1.2-1.3)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP26 (0-0.1)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
TP26 (0.5-0.6)	0.29	0.74	0.94	-0.05	0.69	0.56	0.60	0.65	0.26	0.71	0.95	0.98	0.93	0.90	0.07	0.92	0.28	0.83
TP26 (1.8-1.9)	0.86	0.80	0.44	0.77	0.82	0.72	0.39	0.52	0.72	0.39	0.36	0.41	0.50	0.28	0.55	0.33	0.37	0.66
TP26 (2.5-2.6)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
BH1 (0-0.1)	0.23	0.69	0.94	-0.12	0.60	0.52	0.49	0.54	0.17	0.61	0.95	0.98	0.95	0.93	0.08	0.96	0.38	0.79
BH1 (0.3-0.4)	0.25	0.62	0.90	-0.17	0.50	0.42	0.39	0.36	0.05	0.43	0.85	0.90	0.90	0.85	0.12	0.92	0.51	0.62
BH1 (1-1.1)	0.30	0.74	0.93	-0.04	0.70	0.53	0.64	0.71	0.32	0.76	0.93	0.97	0.91	0.87	0.09	0.89	0.26	0.84
BH10 (0.2-0.3)	0.31	0.75	0.98	-0.08	0.67	0.49	0.60	0.58	0.21	0.65	0.92	0.99	0.95	0.91	0.13	0.94	0.39	0.78
BH10 (1.8-1.7)	0.16	0.51	0.74	-0.13	0.45	0.59	0.20	0.36	0.07	0.40	0.85	0.83	0.84	0.80	-0.05	0.87	0.36	0.74
BH10 (1-1.1)	0.15	0.64	0.89	-0.17	0.53	0.51	0.38	0.45	0.09	0.52	0.96	0.97	0.96	0.95	0.07	0.98	0.41	0.80
BH11 (0.5-0.6)	0.92	0.86	0.45	0.85	0.91	0.78	0.60	0.64	0.80	0.53	0.28	0.38	0.42	0.21	0.51	0.22	0.17	0.80
BH11 (1.3-1.4)	0.59	0.41	0.23	0.42	0.31	0.33	0.06	-0.01	0.24	-0.09	0.03	0.13	0.24	0.05	0.44	0.15	0.46	-0.01
BH13 (0-0.1)	0.34	0.77	0.97	-0.04	0.72	0.53	0.63	0.63	0.26	0.69	0.92	0.99	0.94	0.90	0.13	0.92	0.39	0.78
BH130.1-0.4)	0.15	0.63	0.91	-0.21	0.52	0.47	0.38	0.41	0.04	0.49	0.95	0.96	0.96	0.96	0.07	0.99	0.46	0.76
BH13 (0.3-0.4)	0.19	0.65	0.89	-0.13	0.57	0.55	0.42	0.51	0.15	0.58	0.96	0.97	0.95	0.93	0.07	0.96	0.39	0.83
BH130.6-0.7)	0.25	0.72	0.97	-0.12	0.65	0.49	0.57	0.58	0.19	0.65	0.94	1.00	0.95	0.93	0.08	0.95	0.38	0.79
BH131.1-1.3)	0.28	0.74	0.96	-0.07	0.69	0.51	0.63	0.66	0.26	0.72	0.93	0.99	0.93	0.90	0.08	0.91	0.32	0.83
BH14 (0.05-0.15)	0.22	0.69	0.96	-0.16	0.62	0.47	0.54	0.53	0.13	0.61	0.95	1.00	0.95	0.94	0.09	0.96	0.41	0.81
BH140.4-0.5)	0.23	0.69	0.96	-0.15	0.61	0.51	0.51	0.51	0.11	0.59	0.95	0.99	0.95	0.94	0.04	0.96	0.34	0.79
BH140.7-0.8)	0.27	0.73	0.97	-0.10	0.65	0.49	0.58	0.58	0.20	0.66	0.94	0.99	0.95	0.92	0.09	0.94	0.39	0.81
BH141.3-1.4)	0.40	0.80	0.96	0.03	0.71	0.60	0.56	0.55	0.25	0.61	0.91	0.97	0.96	0.90	0.18	0.93	0.39	0.78
BH15 (0-0.1)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
BH15 (0.4-0.5)	0.05	0.54	0.86	-0.28	0.39	0.40	0.28	0.28	-0.10	0.34	0.93	0.93	0.94	0.96	0.07	0.99	0.51	0.74
BH15 (0.8-0.9)	0.61	0.80	0.89	0.28	0.89	0.56	0.86	0.81	0.84	0.76	0.70	0.66	0.64	0.64	0.22	0.66	0.18	0.79
BH160.2-0.3)	0.27	0.73	0.97	-0.12	0.64	0.46	0.57	0.55	0.17	0.62	0.93	0.99	0.95	0.92	0.14	0.94	0.42	0.76
BH160.7-0.8)	0.19	0.68	0.94	-0.16	0.59	0.51	0.48	0.53	0.13	0.60	0.96	0.96	0.95	0.95	0.06	0.97	0.37	0.78
BH2 (0-0.1)	0.11	0.60	0.89	-0.22	0.47	0.46	0.33	0.36	0.00	0.44	0.96	0.96	0.96	0.97	0.09	1.00	0.46	0.79
BH2 (0.2-0.3)	0.16	0.65	0.93	-0.19	0.54	0.47	0.44	0.47	0.07	0.54	0.96	0.99	0.96	0.97	0.05	0.98	0.38	0.80
BH2 (0.9-1)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
BH3 (0-0.1)	0.11	0.52	0.84	-0.27	0.40	0.42	0.26	0.27	-0.08	0.35	0.92	0.91	0.91	0.92	0.11	0.97	0.57	0.74
BH3 (0.2-0.3)	0.22	0.70	0.96	-0.16	0.61	0.47	0.53	0.53	0.13	0.61	0.94	0.99	0.96	0.95	0.08	0.96	0.38	0.77
BH3 (0.6-0.7)	0.25	0.72	0.96	-0.12	0.64	0.49	0.56	0.58	0.19	0.65	0.95	0.99	0.96	0.94	0.11	0.96	0.36	0.81
BH4 (0-0.1)	0.03	0.43	0.72	-0.27	0.26	0.40	0.06	0.10	-0.16	0.17	0.83	0.79	0.86	0.86	0.09	0.91	0.53	0.67
BH4 (0.2-0.3)	0.06	0.18	0.48	-0.31	0.06	0.11	-0.04	-0.17	-0.32	-0.10	0.49	0.50	0.54	0.52	0.15	0.62	0.65	0.23
BH4 (0.6-0.7)	0.10	0.48	0.81	-0.28	0.31	0.32	0.20	0.14	-0.16	0.23	0.82	0.84	0.87	0.86	0.09	0.92	0.54	0.59
BH5 (0-0.1)	0.20	0.37	0.59	-0.14	0.27	0.35	0.10	0.11	-0.05	0.15	0.58	0.60	0.65	0.56	0.05	0.67	0.50	0.42
BH5 (0.2-0.3)	0.40	0.80	0.96	0.03	0.76	0.48	0.77	0.75	0.37	0.80	0.84	0.94	0.86	0.80	0.11	0.81	0.18	0.79
BH5 (0.6-0.7)	0.24	0.69	0.95	-0.15	0.57	0.44	0.50	0.46	0.10	0.54	0.98	0.98	0.95	0.93	0.14	0.96	0.46	0.77
BH6 (0-0.1)	0.18	0.66	0.93	-0.18	0.55	0.48	0.44	0.47	0.09	0.54	0.96	0.98	0.97	0.96	0.11	0.98	0.43	0.79
BH6 (0.3-0.4)	0.19	0.21	0.40	-0.13	0.11	0.16	0.00	-0.06	-0.12	-0.03	0.30	0.35	0.40	0.31	0.10	0.43	0.46	0.06
BH6 (1.7-1.8)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
BH7 (0-0.1)	0.12	0.58	0.85	-0.22	0.44	0.43	0.29	0.31	-0.01	0.38	0.90	0.91	0.94	0.94	0.13	0.97	0.51	0.70
BH7 (0.3-0.4)	0.18	0.64	0.92	-0.18	0.56	0.50	0.45	0.48	0.09	0.56	0.97	0.98	0.95	0.95	0.05	0.98	0.37	0.85
BH7 (0.6-0.7)	0.29	0.75	0.96	-0.07	0.69	0.50	0.64	0.66	0.26	0.73	0.92	0.99	0.92	0.89	0.06	0.91	0.28	0.82
BH8 (0-0.1)	0.44	0.81	0.92	0.07	0.90	0.44	0.88	0.81	0.44	0.88	0.75	0.88	0.78	0.70	0.10	0.71	0.20	0.79
BH8 (0.3-0.4)	0.33	0.77	0.96	-0.04	0.74	0.48	0.72	0.73	0.33	0.79	0.88	0.97	0.89	0.85	0.11	0.86	0.32	0.81
BH8 (1.4-1.5)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
BH9 (0.2-0.3)	0.10	0.60	0.89	-0.24	0.48	0.45	0.35	0.38	0.00	0.46	0.97	0.97	0.96	0.98	0.07	0.99	0.45	0.82
BH9 (0.9-1.0)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01
BH9 (1.4-1.5)	0.17	0.15	0.32	-0.13	0.03	0.05	-0.03	-0.16	-0.16	-0.12	0.18	0.25	0.31	0.21	0.11	0.33	0.46	-0.01

Method B - Summed Absolute Difference of Pyrene Normalised Data																		
	Black Coal Tar 1	Black Coal Tar 2	Black Coal Tar 3	Brown Coal Tar	Steelworks Tar 1	Steelworks Tar 2	Weathered Coal Tar	Creosote 1	Creosote 2	Weathered Creosote	Ash from Black Coal 1	Ash from Black Coal 2	Ash from Black Coal 3	Ash from Brown Coal	Bitumen	Coke	Waste Oil Petrol	Waste Oil Diesel
TP1 (0-0.1)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP1 (0.35-0.4)	7.80	5.52	5.57	16.49	5.40	5.11	7.78	9.55	11.88	8.53	7.18	6.50	6.08	6.50	9.68	6.29	7.04	9.13
TP1 (0.3-0.35)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP2 (0-0.1)	9.34	2.97	1.88	16.63	4.50	4.17	5.18	7.31	10.29	5.52	1.24	1.07	1.19	0.96	11.25	0.42	4.16	3.01
TP2 (0.95-1.0)	9.42	2.89	1.89	16.13	4.02	3.69	4.65	6.64	9.62	4.87	1.00	0.53	1.04	1.02	11.54	0.64	4.63	2.88
TP2 (1.5-1.6)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP3 (0-0.1)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP3 (0.3)	7.46	2.93	3.07	14.10	1.86	3.39	4.39	5.75	8.83	4.91	4.50	3.80	3.63	4.45	10.08	4.08	7.35	6.57
TP3 (1.4)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP4 (0-0.1)	9.30	2.77	1.94	15.92	3.83	3.56	4.37	6.53	9.52	4.85	1.18	0.63	0.94	1.22	11.42	0.86	4.70	2.97
TP4 (0.25-0.3)	9.29	2.73	2.00	16.00	3.50	3.75	4.44	6.47	9.45	4.92	1.89	1.02	1.23	1.74	11.21	1.55	5.00	3.31
TP4 (0.5)	8.79	2.49	1.41	16.02	3.75	3.74	4.54	6.56	9.56	5.03	1.49	0.76	0.90	1.41	10.89	0.78	4.84	3.51
TP5 (0-0.1)	9.23	2.83	1.85	16.03	3.89	3.66	4.58	6.69	9.67	5.08	1.30	0.95	1.08	1.28	11.34	0.78	4.75	3.20
TP5 (0.8)	10.01	3.22	2.42	17.20	5.02	4.68	5.57	7.77	10.75	5.98	1.69	1.51	1.53	1.16	11.76	0.96	3.70	2.48
TP5 (1.8)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP6 (0-0.1)	9.13	2.66	1.76	15.95	3.74	3.49	4.48	6.57	9.55	4.93	1.37	0.86	0.91	1.34	11.25	0.86	4.83	3.29
TP6 (0.25-0.3)	8.86	2.46	1.47	15.60	3.49	3.55	4.17	6.17	9.17	4.80	1.57	0.55	1.19	1.60	10.99	1.19	5.22	3.45
TP6 (1.75-1.8)	9.13	2.68	1.70	16.06	3.86	3.59	4.58	6.63	9.61	4.89	1.20	0.67	0.85	1.18	11.30	0.68	4.75	3.17
TP7 (0-0.1)	8.96	2.62	1.72	15.94	3.60	3.52	4.47	6.54	9.52	4.90	1.47	0.86	0.84	1.43	11.13	0.90	4.84	3.43
TP7 (0.3-0.4)	8.83	3.38	1.93	16.95	4.45	4.07	5.74	7.90	10.95	6.22	2.15	1.83	1.70	1.44	10.08	1.20	4.11	4.06
TP7 (1.75-1.8)	5.91	2.60	3.88	11.75	1.90	2.84	3.50	5.91	6.40	4.78	4.93	4.23	4.61	5.40	9.75	5.10	8.93	6.50
TP7 (2.9-3)	7.12	6.88	7.36	16.47	6.10	7.20	8.30	9.74	11.83	8.96	9.61	9.13	8.74	9.16	9.22	8.91	9.01	11.80
TP8 (0-0.1)	9.05	2.96	1.96	16.73	4.33	4.00	5.25	7.39	10.37	5.68	1.42	1.39	1.20	0.97	10.83	0.55	4.05	3.38
TP8 (0.6-0.7)	7.71	2.84	2.82	14.18	2.13	3.55	4.17	6.00	9.08	4.99	4.31	3.55	3.38	4.20	10.17	3.83	7.10	6.32
TP9 (0-0.1)	8.91	3.08	2.35	15.43	3.45	3.32	4.50	6.43	9.52	5.12	1.89	1.48	1.48	2.06	10.95	1.61	5.42	3.87
TP9 (0.4-0.5)	7.12	6.88	7.36	16.47	6.10	7.20	8.30	9.74	11.83	8.96	9.61	9.13	8.74	9.16	9.22	8.91	9.01	11.80
TP9 (0.7-0.8)	8.93	3.30	1.66	16.96	4.83	4.50	5.61	7.80	10.79	6.15	1.74	1.69	1.67	1.50	10.42	0.97	3.89	3.67
TP10 (0-0.1)	8.81	3.23	2.63	15.80	3.59	3.34	4.52	6.23	9.96	2.95	2.73	2.03	2.46	2.46	10.40	2.02	5.37	4.73
TP10 (0.5-0.6)	8.44	3.06	1.64	16.57	4.22	4.00	5.26	7.35	10.43	5.72	1.73	1.43	1.35	1.51	10.43	0.94	4.26	3.82
TP10 (1-1.1)	8.16	2.27	1.34	15.27	2.97	3.57	4.07	5.79	8.88	4.59	2.04	1.74	1.49	2.30	10.63	1.72	5.56	4.06
TP11 (0-0.1)	7.66	5.66	5.56	16.57	5.26	4.96	7.92	9.41	11.74	8.38	7.09	6.65	6.22	6.64	9.83	6.39	7.19	9.28
TP11 (0.5-0.6)	8.12	6.71	7.00	17.20	6.53	6.53	8.97	10.74	12.83	9.96	8.85	8.13	7.74	8.16	9.89	7.96	8.01	10.80
TP11 (1.2-1.3)	8.88	2.86	1.50	16.26	4.27	4.02	4.87	7.00	10.01	5.29	1.36	0.92	1.11	1.33	10.87	0.65	4.45	3.28
TP11 (2-2.1)	8.24	1.83	1.85	14.09	2.31	3.34	3.01	5.10	8.06	3.99	2.05	2.05	2.43	3.28	10.93	3.03	6.65	4.40
TP12 (0-0.1)	8.74	3.12	1.73	16.50	3.95	3.72	5.29	7.40	10.38	5.83	2.22	1.81	1.46	1.65	10.42	1.33	4.49	4.18
TP12 (0.2-0.3)	8.78	2.55	1.42	16.12	3.92	3.88	4.77	6.95	9.95	5.20	1.69	1.08	1.08	1.40	10.69	0.82	4.64	3.56
TP12 (0.6-0.7)	9.92	3.38	2.32	16.10	4.10	3.92	4.62	6.67	9.65	4.90	1.10	0.67	1.47	1.28	11.92	1.00	4.62	2.50
TP13 (0-0.1)	8.58	3.18	1.13	15.41	3.39	3.13	5.30	7.00	10.08	5.99	3.65	3.10	2.51	3.06	10.50	2.71	5.94	5.49
TP13 (0.3-0.35)	9.11	2.70	1.61	16.26	4.17	3.87	4.83	7.05	10.03	5.28	1.45	0.74	0.99	1.22	11.01	0.66	4.53	3.24
TP13 (0.8-0.85)	8.52	2.45	1.03	15.69	3.61	3.90	4.32	6.30	9.39	4.68	1.86	0.91	1.41	1.41	10.82	1.30	5.17	3.75
TP14 (0.1-0.15)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP14 (0.5-0.6)	8.38	2.89	2.27	15.32	2.96	3.04	4.92	6.32	9.41	5.20	3.22	2.43	2.31	3.05	10.62	2.62	6.10	5.30
TP14 (0.85-0.9)	9.28	3.13	2.12	14.88	3.54	4.55	3.49	4.84	7.83	3.16	2.01	1.64	2.44	2.79	11.71	2.50	6.14	3.35
TP15 (0-0.1)	8.58	3.34	2.95	15.74	3.72	3.46	5.64	7.34	10.41	6.32	3.88	3.43	2.79	3.15	10.33	2.88	5.77	5.65
TP15 (0.5-0.6)	8.90	2.90	1.51	16.10	3.89	3.69	4.68	6.54	9.52	4.95	1.75	1.11	1.37	1.89	11.19	1.25	4.91	3.63
TP15 (1-1.1)	9.11	2.95	1.72	16.78	4.57	4.23	5.24	7.44	10.43	5.75	1.58	1.23	1.19	1.19	10.98	0.67	4.06	3.30
TP15 (2.4-2.5)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP16 (0.05-0.15)	8.96	2.65	1.41	16.01	3.99	3.97	4.55	6.71	9.70	4.99	1.64	0.52	1.15	1.53	10.97	0.93	4.71	3.34
TP16 (0.4-0.5)	8.66	2.68	1.24	16.13	3.99	4.04	4.81	6.89	9.87	5.18	1.86	0.84	1.31	1.67	10.63	1.08	4.72	3.74
TP16 (1-1.1)	9.54	4.56	3.22	18.56	5.87	5.50	9.24	12.22	7.50	2.89	2.93	2.82	2.82	2.18	9.81	2.08	3.15	4.42
TP16 (2-2.1)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP17 (0-0.1)	8.41	3.21	2.54	15.80	3.62	3.36	5.56	7.09	10.18	6.03	3.54	3.18	2.59	3.04	10.41	2.68	5.72	5.54
TP17 (0.3-0.4)	8.75	2.82	1.75	16.07	3.95	3.72	4.85	6.97	9.98	5.55	2.36	1.80	1.27	1.89	10.41	1.44	4.97	4.20
TP17 (1.0-1.1)	8.85	2.58	1.50	15.68	3.28	3.39	4.34	6.20	9.23	4.68	1.47	0.66	1.13	1.76	11.07	1.30	5.17	3.52
TP18 (0-0.1)	9.09	3.13	1.91	16.84	4.39	4.06	5.45	7.68	10.67	5.93	1.78	1.44	1.43	1.11	10.73	0.78	3.98	3.49
TP18 (0.25-0.3)	8.92	2.90	1.64	16.41	4.19	3.85	5.04	7.20	10.18	5.43	1.44	1.01	1.10	1.10	10.93	0.53	4.31	3.35
TP18 (0.7-0.8)	8.21	2.92	1.46	16.45	4.21	4.56	5.00	6.98	9.96	5.38	1.86	1.36	1.79	1.99	10.35	1.31	4.31	3.92
TP19 (0-0.1)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP19 (0.3-0.4)	8.61	2.72	1.42	15.97	3.74	3.72	4.72	6.78	9.79	5.04	1.59	0.84	1.25	1.60	10.84	0.96	4.75	3.59
TP19 (0.6-0.7)	8.21	7.54	7.68	17.97	7.10	6.64	9.80	10.57	12.84	10.07	9.45	9.00	8.58	9.00	10.39	8.75	8.64	11.63
TP20 (0.1-0.2)	8.92	2.86	1.73	15.83	3.65	3.50	4.45	6.52	9.52	4.93	1.50	1.16	1.11	1.71	11.11	1.09	4.73	3.50
TP20 (0.6-0.7)	8.86	2.75	1.36	16.17	3.99	3.85	4.77	6.81	9.82	5.09	1.45	0.80	1.12	1.44	10.95	0.80	4.66	3.44
TP20 (0.8-0.9)	10.64	6.34	4.95	19.63	7.17	6.81	8.13	10.31	13.29	8.52	3.98	4.24	4.43	3.86	10.37	3.56	2.98	5.38
TP21 (0-0.1)	9.24	3.38	2.45	16.20	3.73	3.49	5.06	7.16	10.19	5.75	2.44	2.10	1.69	2.05	10.59	1.66	4.51	4.02
TP21 (0.45-0.5)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10		

Method B - Summed Absolute Difference of Pyrene Normalised Data																		
	Black Coal Tar 1	Black Coal Tar 2	Black Coal Tar 3	Brown Coal Tar	Steelworks Tar 1	Steelworks Tar 2	Weathered Coal Tar	Creosote 1	Creosote 2	Weathered Creosote	Ash from Black Coal 1	Ash from Black Coal 2	Ash from Black Coal 3	Ash from Brown Coal	Bitumen	Coke	Waste Oil Petrol	Waste Oil Diesel
TP23 (0-0.1)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP23 (0.4-0.5)	8.21	3.88	3.66	15.51	3.42	3.13	5.97	7.50	10.41	6.49	4.31	4.13	3.48	3.93	10.33	3.53	6.10	6.35
TP23 (1-1.1)	8.78	3.03	2.02	16.14	4.13	3.91	5.09	7.14	10.21	5.79	2.51	2.23	1.68	2.11	10.50	1.55	4.90	4.15
TP24 (0-0.1)	8.73	8.58	9.05	18.41	8.14	8.33	11.01	12.21	13.97	11.76	11.15	10.66	10.28	10.70	11.09	10.45	10.01	13.33
TP24 (0.5-0.6)	7.85	4.50	4.51	15.83	4.38	4.16	6.76	8.53	11.04	7.40	6.05	5.33	4.95	5.37	9.74	5.17	6.73	8.01
TP24 (1.1-1.2)	10.10	3.58	2.53	15.56	4.54	4.25	4.33	6.14	9.13	4.35	1.05	0.97	1.61	1.36	12.15	1.22	4.79	2.37
TP25 (0-0.1)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP25 (0.7-0.8)	9.03	2.82	1.67	15.71	3.59	3.46	4.29	6.26	9.25	4.68	1.46	0.78	1.14	1.70	11.33	1.22	5.08	3.34
TP25 (1.2-1.3)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP26 (0-0.1)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
TP26 (0.5-0.6)	9.23	3.03	1.79	15.37	3.62	3.76	3.96	5.76	8.76	4.12	1.40	0.76	1.59	1.91	11.57	1.61	5.41	3.09
TP26 (1.8-1.9)	6.30	3.91	4.75	14.09	3.19	3.17	6.99	8.29	8.86	7.27	6.63	6.13	5.74	6.28	8.56	5.91	8.22	8.80
TP26 (2.5-2.6)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
BH1 (0-0.1)	8.78	2.71	1.45	15.74	3.59	3.59	4.42	6.40	9.41	4.86	1.85	1.06	1.26	1.95	10.95	1.31	5.17	3.78
BH1 (0.3-0.4)	8.34	3.29	1.81	16.58	4.56	4.46	5.09	7.15	10.16	5.45	2.03	1.23	1.74	2.09	10.53	1.45	4.17	3.87
BH1 (1-1.1)	8.97	2.85	1.71	15.08	3.26	3.67	3.75	5.67	8.76	4.18	1.84	1.16	1.77	2.33	11.31	2.03	5.76	3.64
BH10 (0.2-0.3)	8.57	2.44	1.01	15.70	3.68	4.00	4.31	6.37	9.42	4.77	1.86	0.84	1.37	1.86	10.75	1.22	5.07	3.69
BH10 (1.6-1.7)	8.69	3.29	2.62	15.56	3.39	3.13	5.33	6.86	9.95	5.80	3.29	2.95	2.48	3.00	10.79	2.58	5.80	5.15
BH10 (1-1.1)	9.06	2.73	1.67	16.04	3.83	3.61	4.62	6.67	9.65	5.09	1.52	1.08	1.10	1.51	11.17	0.91	4.82	3.47
BH11 (0.5-0.6)	6.12	3.23	4.33	11.63	2.63	3.67	4.28	5.55	5.63	4.77	5.03	4.69	5.00	5.80	9.29	5.51	9.26	6.44
BH11 (1.3-1.4)	8.13	8.78	9.65	17.47	8.46	8.61	11.21	12.81	13.37	12.36	11.98	11.26	10.88	11.30	10.09	11.09	10.61	13.93
BH13 (0-0.1)	8.19	2.24	1.13	15.50	3.13	3.55	4.26	6.16	9.25	4.72	2.05	1.23	1.35	2.10	10.61	1.46	5.42	4.12
BH13(0.1-0.4)	8.82	2.76	1.52	16.30	3.96	3.64	4.94	7.01	9.99	5.32	1.63	1.08	1.07	1.35	10.92	0.76	4.55	3.58
BH13 (0.3-0.4)	9.18	2.85	1.85	15.77	3.56	3.37	4.43	6.39	9.38	4.88	1.53	1.06	1.19	1.75	11.27	1.27	5.07	3.50
BH13(0.6-0.7)	8.79	2.47	1.29	15.87	3.76	4.45	4.45	6.35	9.35	4.63	1.56	0.64	1.24	1.65	11.02	1.07	5.04	3.54
BH13(1.1-1.3)	9.47	3.01	1.87	15.48	3.71	4.02	4.00	5.82	8.81	4.07	1.30	0.63	1.62	1.75	11.63	1.45	5.23	2.96
BH14 (0.05-0.15)	8.75	2.56	1.43	15.92	3.70	3.78	4.54	6.61	9.63	4.85	1.46	1.47	1.18	1.47	10.95	0.88	4.78	3.42
BH14(0.4-0.5)	8.75	2.51	1.28	15.79	3.68	3.62	4.51	6.63	9.72	4.51	1.70	0.81	1.22	1.66	10.94	1.14	5.01	3.58
BH14(0.7-0.8)	9.30	2.75	1.69	15.71	3.94	4.07	4.22	6.25	9.23	4.51	1.50	0.46	1.40	1.64	11.35	1.12	4.88	3.05
BH14(1.3-1.4)	8.48	2.30	1.29	15.44	3.56	3.66	4.18	6.23	9.33	5.02	2.08	0.96	1.15	2.05	10.64	1.41	5.20	3.76
BH15 (0-0.1)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
BH15 (0.4-0.5)	9.23	3.09	1.86	16.99	4.65	4.31	5.47	7.70	10.68	5.91	1.58	1.34	1.35	0.97	10.85	0.60	3.87	3.29
BH15 (0.8-0.9)	8.08	2.18	1.98	13.66	2.42	3.84	4.72	7.81	8.82	3.82	3.02	2.27	2.65	3.38	10.71	3.08	6.92	4.44
BH16(0.2-0.3)	8.53	2.42	1.14	16.04	4.12	4.55	4.55	6.53	9.62	4.87	1.69	1.01	1.43	1.74	10.78	1.14	4.78	3.73
BH16(0.7-0.8)	9.12	2.83	1.74	16.24	3.84	3.69	4.76	6.46	9.44	4.67	1.25	0.57	1.21	1.40	11.46	0.87	4.80	3.24
BH2 (0-0.1)	9.14	2.81	1.74	16.44	4.31	3.97	4.99	7.16	10.14	5.44	1.27	0.99	1.07	0.99	11.11	0.41	4.30	3.17
BH2 (0.2-0.3)	9.40	2.83	1.76	16.16	4.20	3.90	4.68	6.70	9.68	4.91	1.18	0.53	1.04	1.11	11.44	0.66	4.63	2.93
BH2 (0.9-1)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
BH3 (0-0.1)	8.44	3.67	2.18	16.92	4.43	4.09	5.71	7.74	10.72	5.99	1.64	1.70	1.86	1.68	10.58	1.03	3.76	3.78
BH3 (0.2-0.3)	8.84	2.55	1.28	16.06	3.83	3.92	4.64	6.60	9.60	4.83	1.53	0.69	1.21	1.49	10.92	0.92	4.93	3.56
BH3 (0.6-0.7)	8.69	2.48	1.35	15.74	3.56	3.70	4.30	6.31	9.40	4.67	1.55	0.73	1.21	1.63	11.07	1.08	5.09	3.56
BH4 (0-0.1)	8.73	3.81	2.97	16.77	4.45	4.19	6.08	8.01	11.10	6.80	3.64	3.49	2.79	2.98	9.69	2.72	4.79	5.32
BH4 (0.2-0.3)	11.11	7.96	6.48	20.84	8.32	7.72	10.25	12.57	15.66	11.04	7.00	6.83	6.47	6.34	10.73	6.08	5.98	8.85
BH4 (0.6-0.7)	8.61	3.66	2.42	17.49	5.23	4.90	6.03	8.35	11.34	6.57	2.19	2.05	2.04	1.77	10.11	1.32	3.58	3.95
BH5 (0-0.1)	7.80	5.52	5.57	16.49	5.40	5.11	7.78	9.55	11.88	8.53	7.18	6.50	6.08	6.50	9.68	6.29	7.04	9.13
BH5 (0.2-0.3)	8.79	2.51	1.53	14.75	3.25	4.22	3.42	5.35	8.45	3.76	2.09	1.44	2.19	2.46	11.42	2.15	6.07	3.66
BH5 (0.6-0.7)	8.51	2.63	1.26	16.07	4.11	4.13	4.59	6.87	9.95	5.25	1.87	0.97	1.35	1.76	10.62	1.12	4.57	3.59
BH6 (0-0.1)	8.63	2.68	1.48	16.16	3.85	3.74	4.77	6.77	9.79	5.14	1.62	1.20	1.13	1.55	10.82	0.94	4.73	3.69
BH6 (0.3-0.4)	8.73	8.58	9.05	18.41	8.14	8.33	11.01	12.21	13.97	11.76	11.15	10.66	10.28	10.70	11.09	10.45	10.01	13.33
BH6 (1.7-1.8)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
BH7 (0-0.1)	8.78	3.41	2.24	16.55	4.11	3.85	5.47	7.48	10.50	6.07	2.77	2.48	1.87	2.13	9.82	1.88	4.83	4.77
BH7 (0.3-0.4)	9.66	3.20	2.11	15.81	4.16	3.85	4.33	6.51	9.50	4.72	1.11	0.49	1.27	1.21	11.68	0.91	4.70	2.58
BH7 (0.6-0.7)	9.43	2.99	1.82	15.31	3.79	4.10	3.94	5.80	8.78	4.03	1.54	0.71	1.69	1.80	11.58	1.50	5.41	3.05
BH8 (0-0.1)	8.29	2.58	1.69	14.19	2.67	4.17	2.88	4.83	7.92	3.22	2.58	1.97	2.66	3.10	10.97	2.80	6.64	4.19
BH8 (0.3-0.4)	8.58	2.41	1.28	15.23	2.90	3.70	3.85	5.64	8.73	3.98	1.90	1.00	1.89	2.23	11.13	1.87	5.66	3.82
BH8 (1.4-1.5)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
BH9 (0.2-0.3)	9.36	2.83	1.96	16.36	4.25	3.91	4.82	7.09	10.07	5.30	1.08	0.70	1.04	0.92	11.35	0.44	4.29	2.88
BH9 (0.9-1.0)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13
BH9 (1.4-1.5)	8.93	8.38	9.00	18.27	8.26	8.53	10.81	12.41	14.17	11.96	11.18	10.46	10.08	10.50	10.89	10.29	9.81	13.13