

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021870.D
 Acq On : 12 May 2016 15:53
 Operator : UM/SJ
 Sample : H2936-09DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ8DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.327	80	83	89	rVB6	1816	3046	0.10%	0.015%
2	7.328	756	764	773	rBV	15610	31962	1.07%	0.159%
3	7.493	786	792	805	rVB2	12130	27746	0.92%	0.138%
4	7.704	819	828	837	rBV	23452	45639	1.52%	0.227%
5	8.174	899	908	919	rBV	117573	230972	7.70%	1.148%
6	8.873	1021	1027	1037	rBV2	23565	49743	1.66%	0.247%
7	9.349	1101	1108	1116	rBV	14519	32757	1.09%	0.163%
8	10.072	1225	1231	1238	rBV4	7747	20410	0.68%	0.101%
9	10.612	1316	1323	1333	rBV2	27547	61556	2.05%	0.306%
10	10.994	1379	1388	1402	rBV	231674	467075	15.57%	2.321%
11	11.130	1404	1411	1418	rBV2	12532	27412	0.91%	0.136%
12	12.634	1662	1667	1669	rBV2	2178	3386	0.11%	0.017%
13	14.191	1925	1932	1937	rBV	73604	124800	4.16%	0.620%
14	14.244	1937	1941	1947	rVB2	11320	19195	0.64%	0.095%
15	14.490	1975	1983	1991	rBV	93414	166285	5.54%	0.826%
16	14.667	2011	2013	2017	rVB4	3539	4684	0.16%	0.023%
17	14.796	2027	2035	2042	rBV2	435387	780650	26.02%	3.879%
18	14.860	2042	2046	2051	rVB2	19446	33208	1.11%	0.165%
19	15.054	2076	2079	2085	rBV6	1391	3195	0.11%	0.016%
20	15.189	2100	2102	2107	rVV4	2633	3998	0.13%	0.020%
21	15.395	2133	2137	2140	rBV5	2502	4253	0.14%	0.021%
22	15.566	2165	2166	2169	rVV3	2686	3034	0.10%	0.015%
23	15.618	2171	2175	2181	rVB6	7012	10579	0.35%	0.053%
24	15.742	2194	2196	2198	rVV2	4475	5259	0.18%	0.026%
25	15.783	2198	2203	2209	rVV	123301	213603	7.12%	1.061%
26	15.836	2209	2212	2220	rVB4	10116	19541	0.65%	0.097%
27	16.006	2237	2241	2245	rBV6	4249	8759	0.29%	0.044%
28	16.476	2316	2321	2324	rBV5	7118	11071	0.37%	0.055%
29	16.735	2363	2365	2368	rVB3	3657	3758	0.13%	0.019%
30	16.793	2368	2375	2376	rBV4	2193	4076	0.14%	0.020%
31	16.893	2388	2392	2393	rBV3	4597	5659	0.19%	0.028%
32	16.911	2393	2395	2398	rVV2	3247	3147	0.10%	0.016%
33	17.199	2439	2444	2446	rVV3	6422	8364	0.28%	0.042%
34	17.293	2452	2460	2463	rVV8	8166	22031	0.73%	0.109%

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35	17.358	2467	2471	2476	rVB2	6183	11272	0.38%	0.056%
36	17.540	2494	2502	2506	rBV	549018	912847	30.43%	4.536%
37	17.581	2506	2509	2514	rVB	161872	230638	7.69%	1.146%
38	17.640	2514	2519	2523	rBV	119951	188377	6.28%	0.936%
39	17.734	2533	2535	2538	rVB3	6521	4926	0.16%	0.024%
40	17.898	2560	2563	2564	rVV3	6901	7277	0.24%	0.036%
41	17.939	2566	2570	2577	rVB	28428	53421	1.78%	0.265%
42	18.110	2594	2599	2604	rVB6	18227	26544	0.88%	0.132%
43	18.256	2621	2624	2626	rBV4	3249	3685	0.12%	0.018%
44	18.415	2646	2651	2654	rBV2	20289	33282	1.11%	0.165%
45	18.456	2654	2658	2665	rVB3	30456	55223	1.84%	0.274%
46	18.544	2668	2673	2676	rBV4	11333	21663	0.72%	0.108%
47	18.615	2678	2685	2688	rBV2	36405	74698	2.49%	0.371%
48	18.903	2732	2734	2738	rVB3	11750	15958	0.53%	0.079%
49	19.584	2844	2850	2857	rVB	642737	1005458	33.52%	4.996%
50	19.913	2901	2906	2907	rBV2	272417	337505	11.25%	1.677%
51	19.943	2907	2911	2919	rVB	625501	1042331	34.75%	5.180%
52	20.113	2938	2940	2946	rVB2	22625	28470	0.95%	0.141%
53	20.184	2947	2952	2957	rBV	62265	117041	3.90%	0.582%
54	20.272	2960	2967	2971	rVV2	47221	130180	4.34%	0.647%
55	20.319	2972	2975	2981	rVB	32681	50187	1.67%	0.249%
56	20.430	2990	2994	2999	rVB	135729	213746	7.13%	1.062%
57	20.530	3006	3011	3015	rBV	112174	177682	5.92%	0.883%
58	20.624	3025	3027	3030	rVB2	34280	33907	1.13%	0.168%
59	21.394	3153	3158	3162	rBV	121849	217883	7.26%	1.083%
60	21.435	3162	3165	3169	rVB	69253	97115	3.24%	0.483%
61	21.494	3170	3175	3180	rBV3	85861	156870	5.23%	0.780%
62	21.688	3204	3208	3214	rVB2	122678	207118	6.90%	1.029%
63	21.817	3222	3230	3236	rBV3	891732	2500177	83.35%	12.424%
64	21.876	3236	3240	3250	rVB	680173	1246077	41.54%	6.192%
65	22.029	3262	3266	3274	rBV	103854	179868	6.00%	0.894%
66	22.175	3288	3291	3296	rVV2	74615	122859	4.10%	0.611%
67	22.246	3298	3303	3310	rVB2	149045	322326	10.75%	1.602%
68	24.114	3610	3621	3628	rBV	857514	2999774	100.00%	14.907%
69	24.860	3739	3748	3757	rBV	501106	1551158	51.71%	7.708%
70	25.019	3766	3775	3787	rVB	755662	2265520	75.52%	11.258%
71	25.172	3792	3801	3808	rBV2	330319	1019744	33.99%	5.067%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
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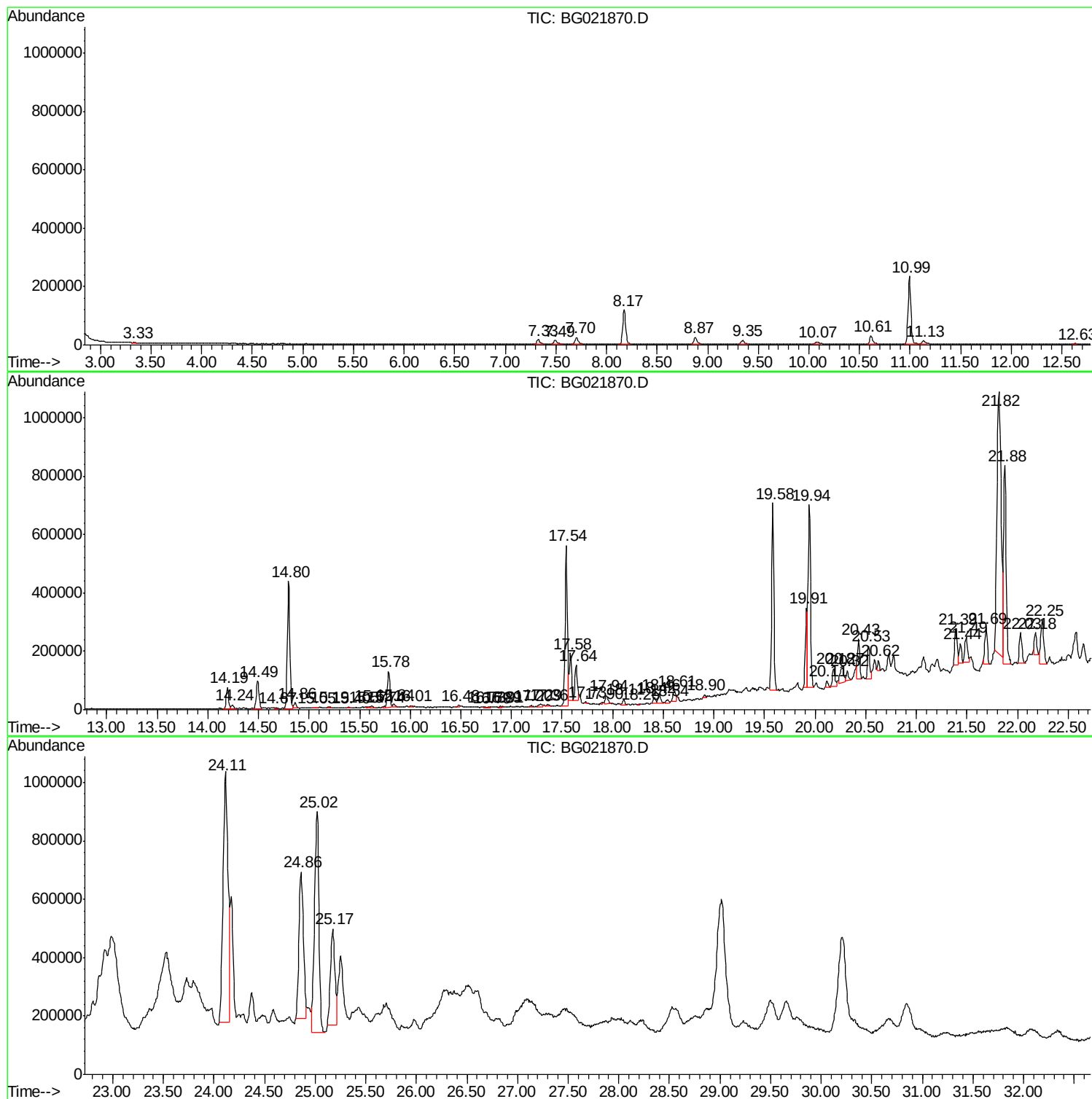
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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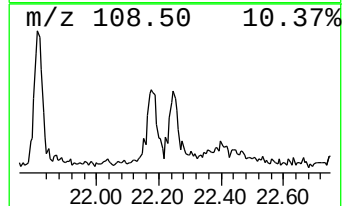
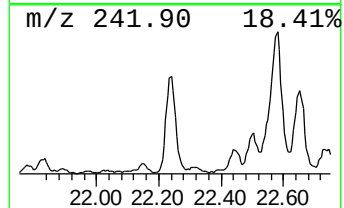
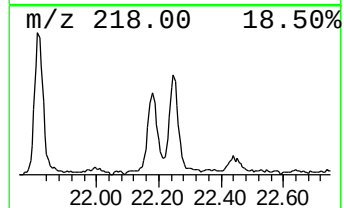
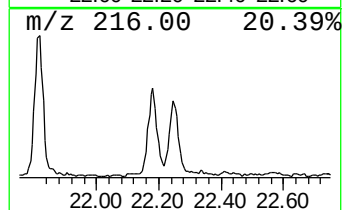
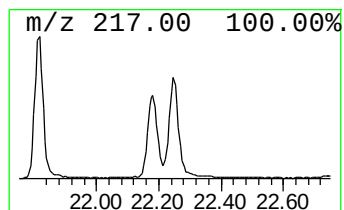
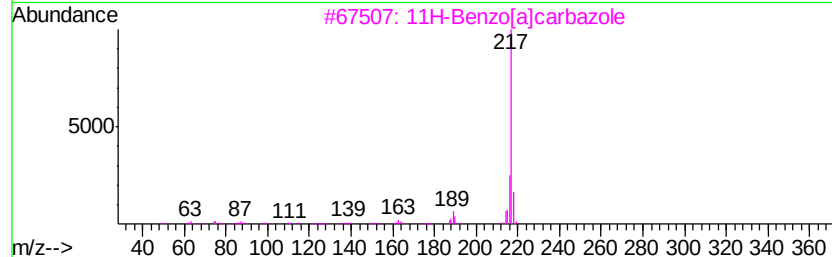
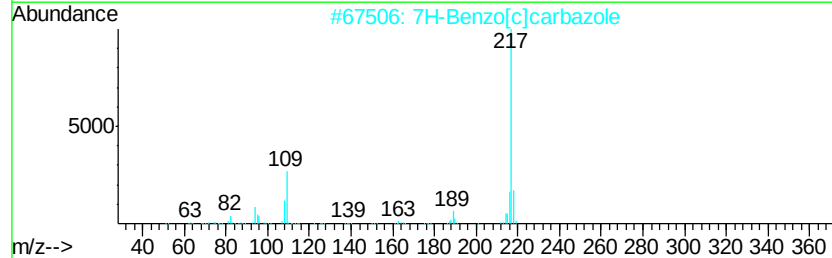
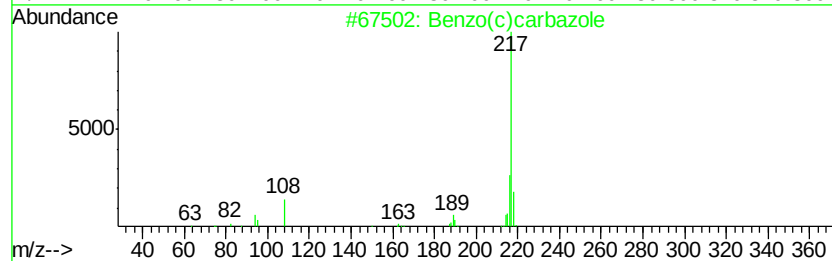
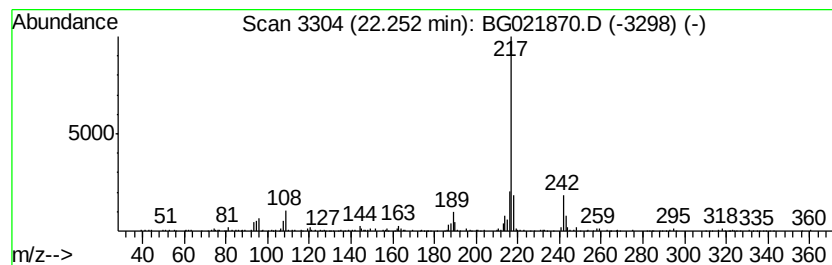
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzo(c)carbazole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.58 ng/ul	322326	Chrysene-d12	21.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo(c)carbazole	217 C16H11N	034777-33-8 93
2		7H-Benzo[c]carbazole	217 C16H11N	000205-25-4 81
3		11H-Benzo[a]carbazole	217 C16H11N	000239-01-0 76
4		11H-Benzo[a]carbazole	217 C16H11N	000239-01-0 76
5		Benzo(b)carbazole	217 C16H11N	000243-28-7 76



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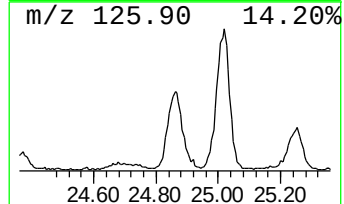
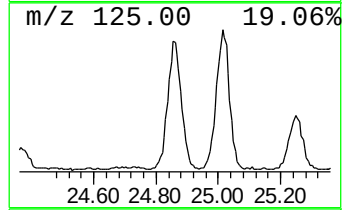
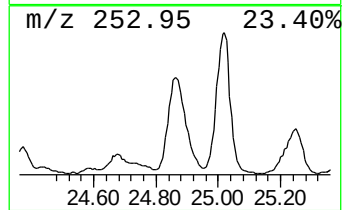
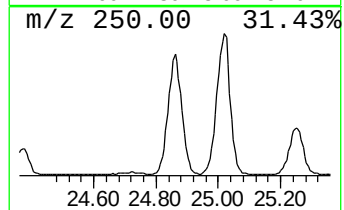
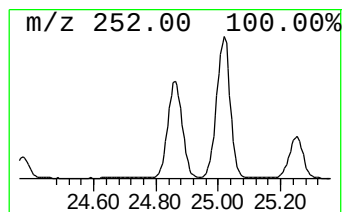
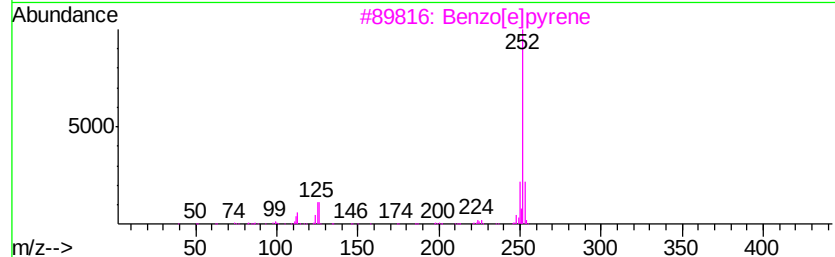
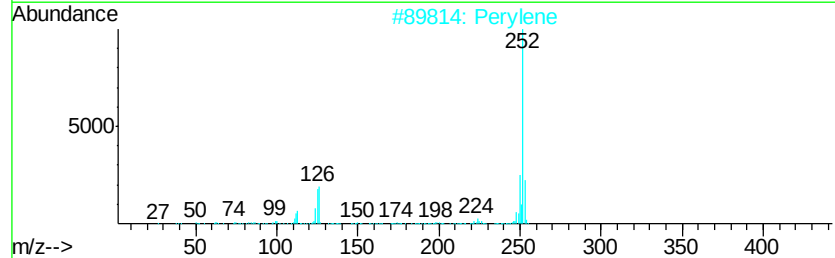
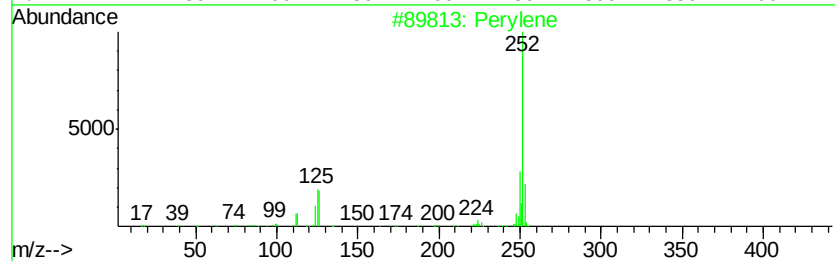
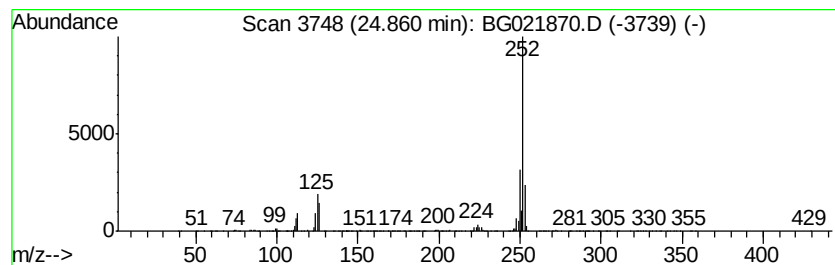
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	30.42 ng/ul	1551160	Perylene-d12	25.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Perylene	252 C20H12	000198-55-0	99
2	Perylene	252 C20H12	000198-55-0	98
3	Benzo[e]pyrene	252 C20H12	000192-97-2	98
4	Benzo[e]pyrene	252 C20H12	000192-97-2	98
5	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	95



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Benzo(c)carbazole	22.25	2.6	ng/ul	322326	5	21.83	2500180	20.0
Perylene	24.86	30.4	ng/ul	1551160	6	25.17	1019740	20.0