

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020453.D
 Acq On : 23 Dec 2015 21:26
 Operator : UM/SJ
 Sample : G4848-14DL 25X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

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-BG121415.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	3.102	41	45	51	rBV2	6280	10721	1.65%	0.203%
2	7.403	773	777	782	rBB	1745	2446	0.38%	0.046%
3	7.621	808	814	817	rBB	1210	1968	0.30%	0.037%
4	8.085	886	893	901	rBV	65616	112125	17.27%	2.120%
5	8.625	980	985	992	rBB	3265	5842	0.90%	0.110%
6	8.796	1008	1014	1021	rBB	1550	2650	0.41%	0.050%
7	9.260	1088	1093	1099	rBB	1541	2478	0.38%	0.047%
8	10.523	1303	1308	1313	rBV2	1702	3186	0.49%	0.060%
9	10.899	1365	1372	1376	rBV	109120	189094	29.13%	3.575%
10	10.952	1376	1381	1390	rVV	139949	246248	37.94%	4.656%
11	11.075	1392	1402	1407	rVB3	2807	6705	1.03%	0.127%
12	12.550	1647	1653	1664	rBB	68250	109899	16.93%	2.078%
13	12.767	1681	1690	1697	rBV2	33648	53853	8.30%	1.018%
14	13.549	1817	1823	1831	rVB	25395	37425	5.77%	0.708%
15	13.749	1851	1857	1864	rBB3	7691	12280	1.89%	0.232%
16	13.878	1874	1879	1880	rBV2	7720	10315	1.59%	0.195%
17	14.037	1900	1906	1911	rBV2	12612	21884	3.37%	0.414%
18	14.089	1911	1915	1918	rBV2	8148	13426	2.07%	0.254%
19	14.160	1924	1927	1932	rVB	2819	2858	0.44%	0.054%
20	14.272	1942	1946	1950	rBV2	5006	6905	1.06%	0.131%
21	14.307	1950	1952	1955	rVB	1484	1774	0.27%	0.034%
22	14.413	1965	1970	1973	rBV	7647	12894	1.99%	0.244%
23	14.718	2011	2022	2027	rBV2	192927	316015	48.68%	5.975%
24	14.777	2027	2032	2040	rVB	146283	229301	35.33%	4.335%
25	14.841	2040	2043	2050	rVB2	4344	6954	1.07%	0.131%
26	14.918	2050	2056	2059	rBV2	1703	3409	0.53%	0.064%
27	15.018	2068	2073	2079	rBB3	3789	6445	0.99%	0.122%
28	15.112	2083	2089	2097	rVV	96682	146484	22.57%	2.770%
29	15.176	2098	2100	2105	rVB	2175	3224	0.50%	0.061%
30	15.323	2120	2125	2130	rBV2	2288	3165	0.49%	0.060%
31	15.376	2130	2134	2140	rVB2	1695	2180	0.34%	0.041%
32	15.705	2181	2190	2194	rBV	11888	17910	2.76%	0.339%
33	15.758	2194	2199	2208	rVV	117060	180241	27.77%	3.408%
34	15.852	2211	2215	2218	rBV	4403	6714	1.03%	0.127%

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35	15.887	2218	2221	2223	rVV2	7669	9403	1.45%	0.178%
36	15.923	2223	2227	2231	rVV2	12970	19882	3.06%	0.376%
37	15.970	2231	2235	2238	rVV2	2829	4527	0.70%	0.086%
38	16.011	2238	2242	2245	rVV3	5806	8985	1.38%	0.170%
39	16.052	2245	2249	2255	rVB	13191	20566	3.17%	0.389%
40	16.199	2267	2274	2282	rVB	14667	31224	4.81%	0.590%
41	16.293	2286	2290	2294	rVB2	1731	2433	0.37%	0.046%
42	16.551	2330	2334	2341	rBV	4988	6479	1.00%	0.123%
43	16.763	2360	2370	2375	rBV4	10499	20959	3.23%	0.396%
44	16.816	2375	2379	2382	rVV3	3049	4479	0.69%	0.085%
45	16.910	2392	2395	2399	rVB3	3611	5364	0.83%	0.101%
46	16.986	2402	2408	2411	rBV3	3055	5383	0.83%	0.102%
47	17.027	2411	2415	2420	rVV4	3277	4732	0.73%	0.089%
48	17.109	2426	2429	2435	rVB3	3459	5468	0.84%	0.103%
49	17.186	2437	2442	2445	rBV2	3477	6159	0.95%	0.116%
50	17.280	2453	2458	2465	rVB	26601	37062	5.71%	0.701%
51	17.462	2482	2489	2492	rBV	258539	382457	58.92%	7.231%
52	17.503	2492	2496	2502	rVV	439933	649104	100.00%	12.273%
53	17.562	2502	2506	2508	rVV2	13147	19716	3.04%	0.373%
54	17.591	2508	2511	2517	rVV	25357	37327	5.75%	0.706%
55	17.644	2517	2520	2526	rVB4	1496	2903	0.45%	0.055%
56	17.867	2551	2558	2564	rBV	12669	20370	3.14%	0.385%
57	17.979	2573	2577	2582	rVB2	4897	6914	1.07%	0.131%
58	18.044	2584	2588	2595	rVB2	2073	3245	0.50%	0.061%
59	18.179	2605	2611	2616	rVB	1710	3782	0.58%	0.072%
60	18.337	2632	2638	2642	rBV	20065	29923	4.61%	0.566%
61	18.384	2642	2646	2651	rVB	28004	38808	5.98%	0.734%
62	18.461	2655	2659	2664	rVB	7360	10650	1.64%	0.201%
63	18.531	2664	2671	2675	rBV2	45799	76099	11.72%	1.439%
64	18.831	2717	2722	2726	rVV	16665	23527	3.62%	0.445%
65	19.072	2759	2763	2766	rVB2	2602	3230	0.50%	0.061%
66	19.125	2766	2772	2775	rBV2	1987	2955	0.46%	0.056%
67	19.242	2787	2792	2796	rBV2	4427	6830	1.05%	0.129%
68	19.313	2798	2804	2811	rVB4	3062	7053	1.09%	0.133%
69	19.383	2811	2816	2818	rBV2	1257	1783	0.27%	0.034%
70	19.507	2831	2837	2844	rBV	254272	361128	55.63%	6.828%
71	19.565	2844	2847	2850	rVV3	2112	2775	0.43%	0.052%

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72	19.601	2851	2853	2856	rVB2	1924	1720	0.26%	0.033%
73	19.753	2874	2879	2887	rVB3	5711	9715	1.50%	0.184%
74	19.842	2887	2894	2895	rBV2	52727	71847	11.07%	1.358%
75	19.871	2895	2899	2907	rVV	166348	243010	37.44%	4.595%
76	19.936	2907	2910	2916	rVB5	5806	8614	1.33%	0.163%
77	20.047	2924	2929	2933	rBV	7647	10003	1.54%	0.189%
78	20.188	2948	2953	2959	rBV4	5719	12988	2.00%	0.246%
79	20.247	2960	2963	2967	rVB2	2989	4207	0.65%	0.080%
80	20.317	2970	2975	2976	rVV2	3056	3073	0.47%	0.058%
81	20.359	2978	2982	2989	rVB	22568	31161	4.80%	0.589%
82	20.458	2994	2999	3003	rBV	26778	35932	5.54%	0.679%
83	20.517	3003	3009	3012	rVV2	6467	11020	1.70%	0.208%
84	20.558	3012	3016	3018	rVV3	3236	4332	0.67%	0.082%
85	20.594	3020	3022	3027	rVB3	2202	3015	0.46%	0.057%
86	20.658	3030	3033	3037	rVB4	2708	3596	0.55%	0.068%
87	20.699	3037	3040	3043	rBV4	4503	5252	0.81%	0.099%
88	20.881	3067	3071	3075	rBV2	3393	4728	0.73%	0.089%
89	21.310	3140	3144	3148	rBV	5662	8430	1.30%	0.159%
90	21.352	3148	3151	3155	rVV2	5388	7729	1.19%	0.146%
91	21.404	3156	3160	3163	rVB3	3829	5845	0.90%	0.111%
92	21.733	3207	3216	3222	rBV	320291	585187	90.15%	11.064%
93	21.933	3246	3250	3256	rVB4	6710	12254	1.89%	0.232%
94	22.791	3394	3396	3400	rBV3	1885	2189	0.34%	0.041%
95	23.214	3465	3468	3473	rVV4	3752	6883	1.06%	0.130%
96	24.695	3712	3720	3725	rBV5	4551	11669	1.80%	0.221%
97	25.006	3762	3773	3794	rBV2	162405	483741	74.52%	9.146%
98	26.134	3958	3965	3973	rVB3	7583	19653	3.03%	0.372%
99	29.154	4473	4479	4480	rBV4	4280	5922	0.91%	0.112%
100	29.483	4533	4535	4540	rBV3	1495	2524	0.39%	0.048%

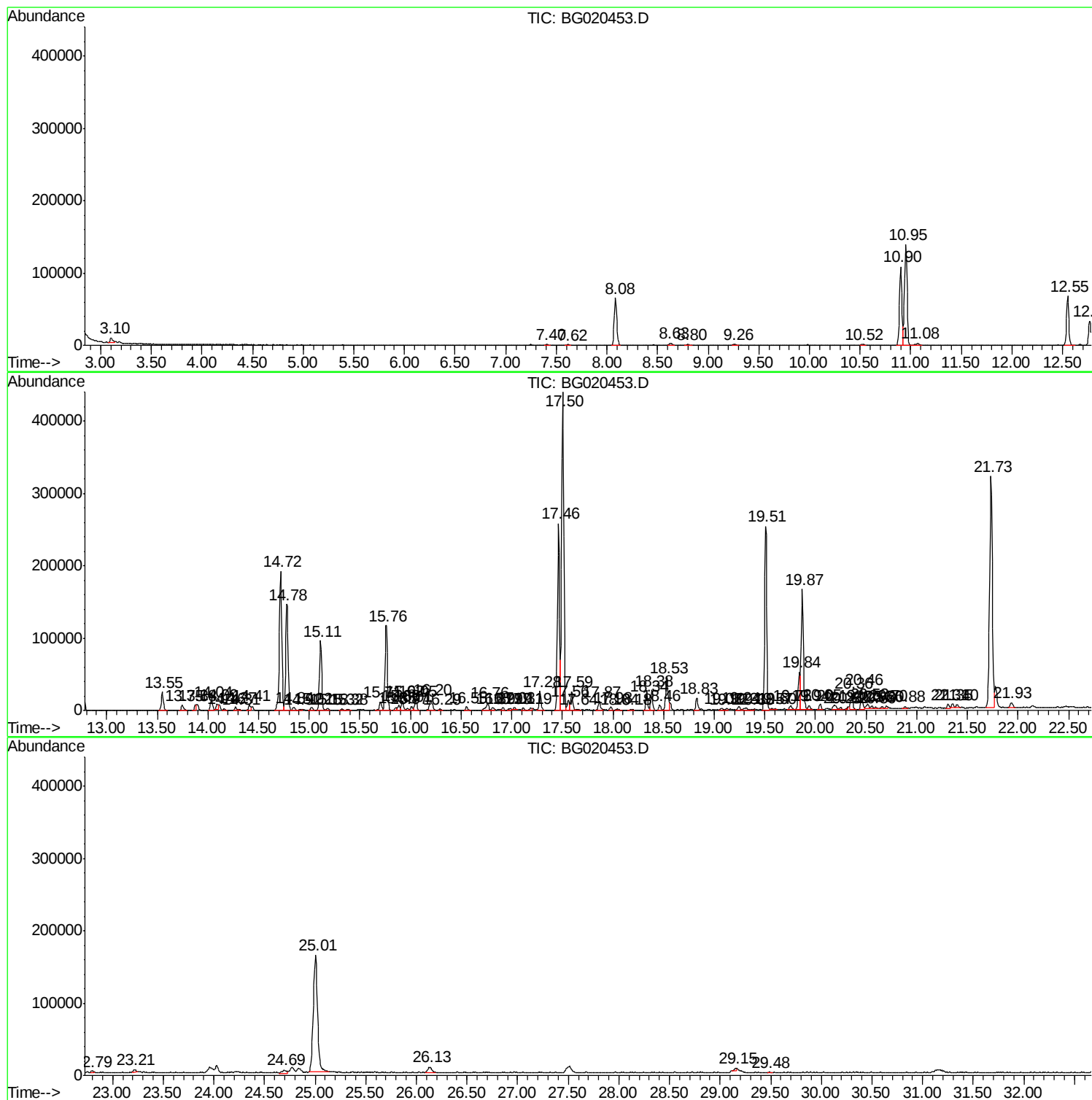
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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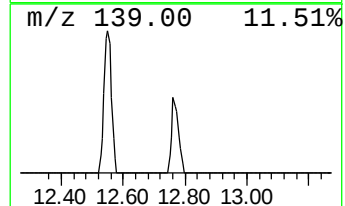
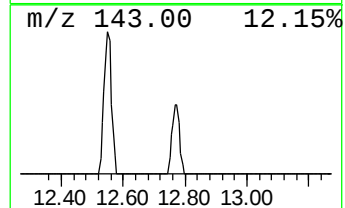
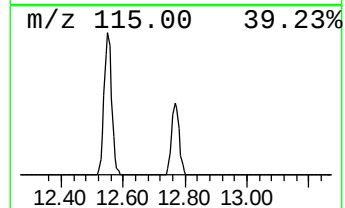
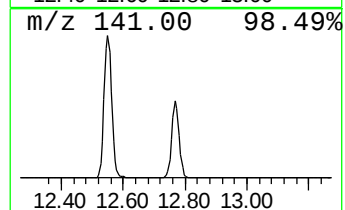
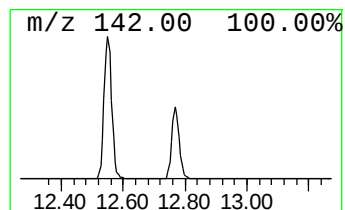
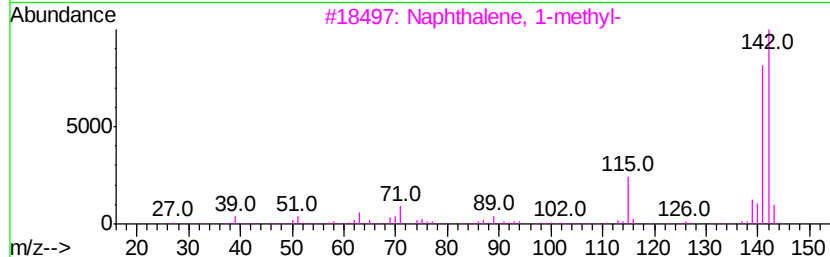
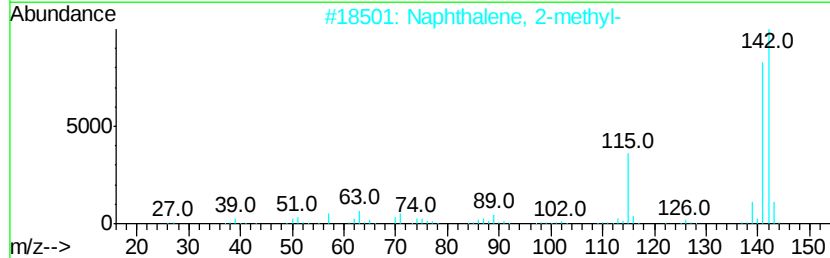
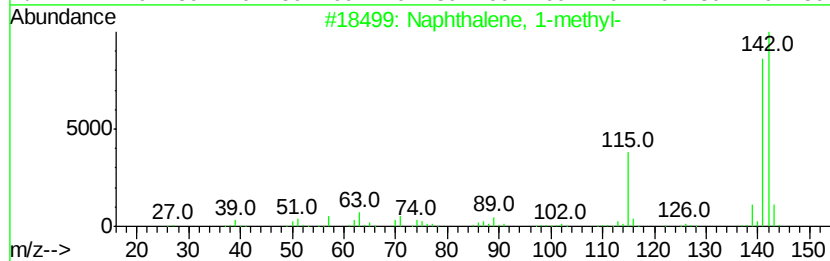
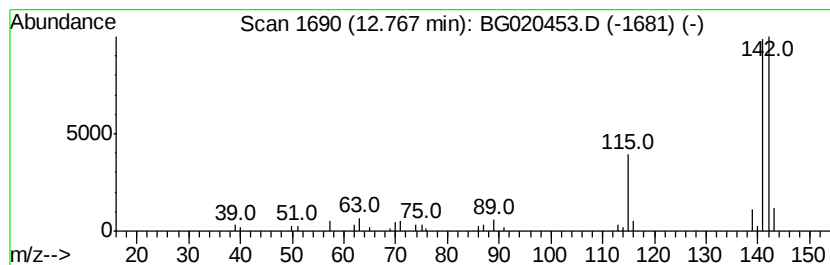
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	5.70 ng/ul	53853	Naphthalene-d8	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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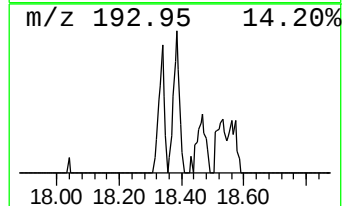
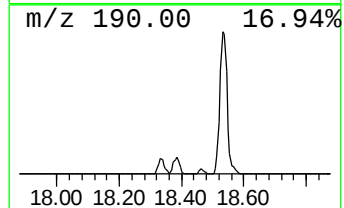
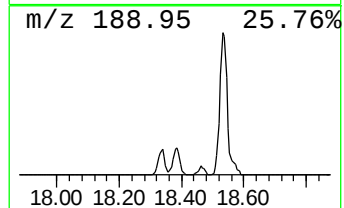
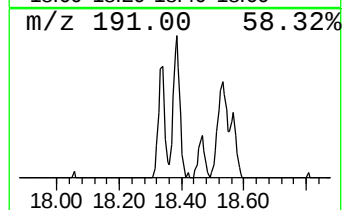
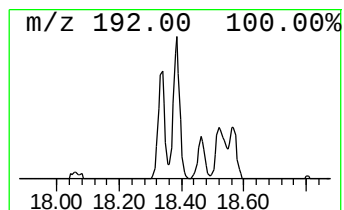
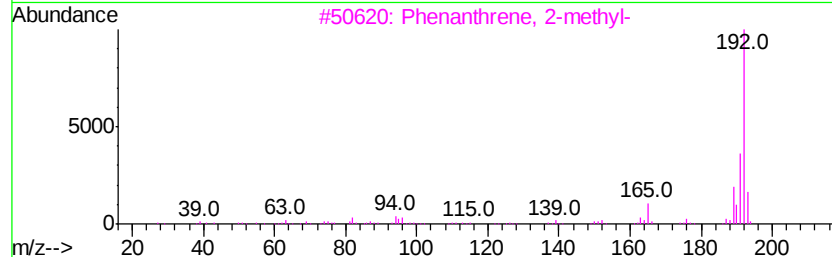
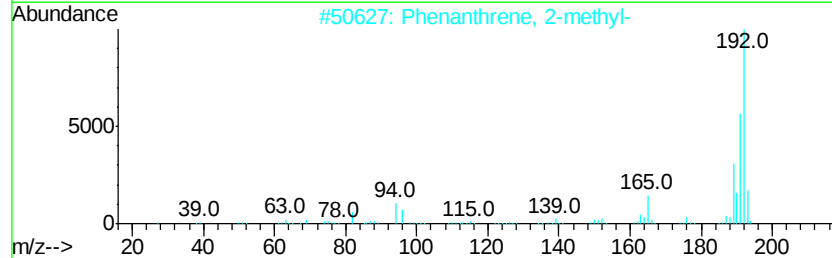
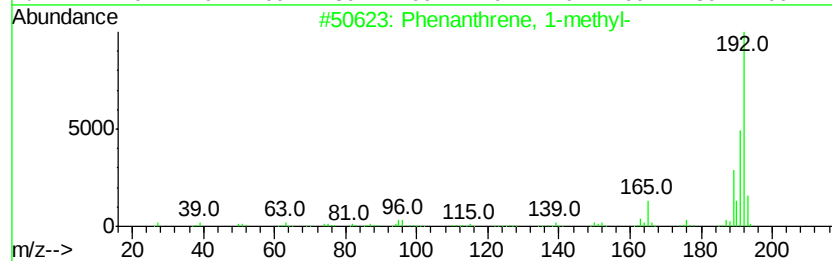
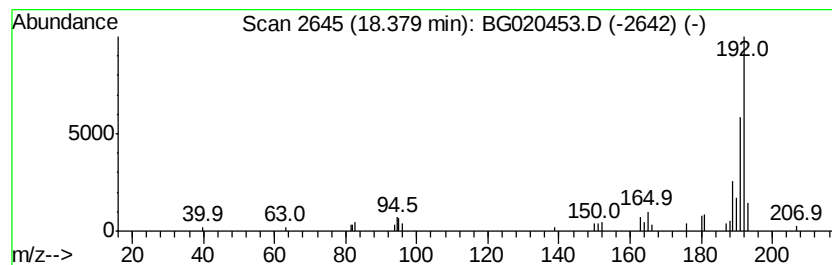
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.38	2.03 ng/ul	38808	Phenanthrene-d10		17.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



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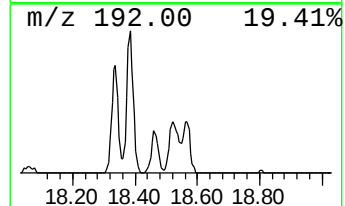
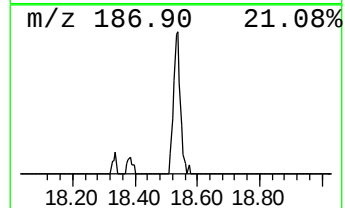
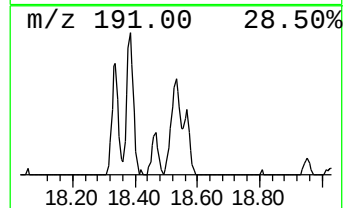
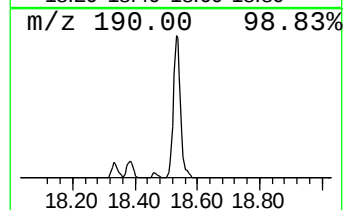
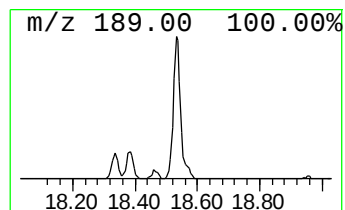
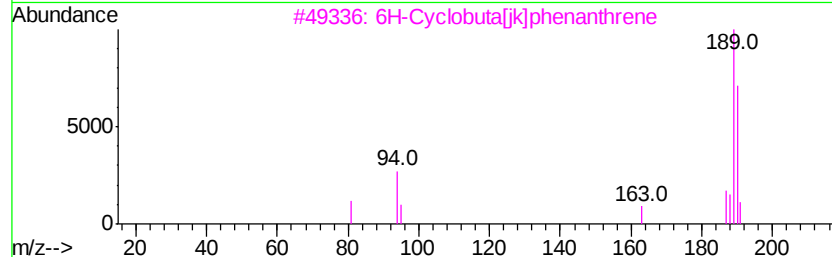
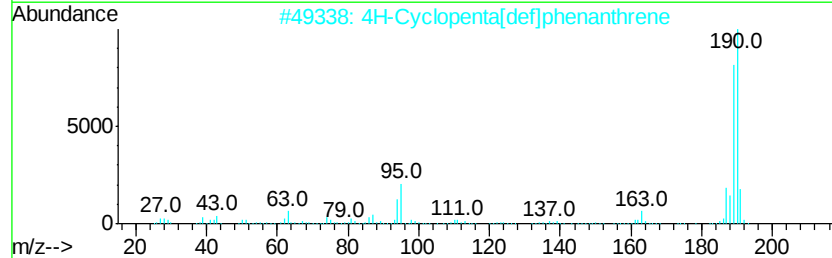
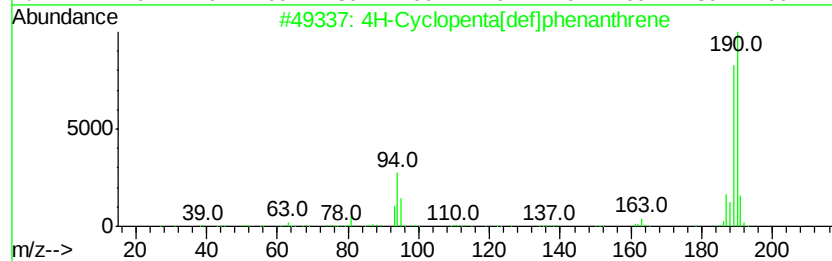
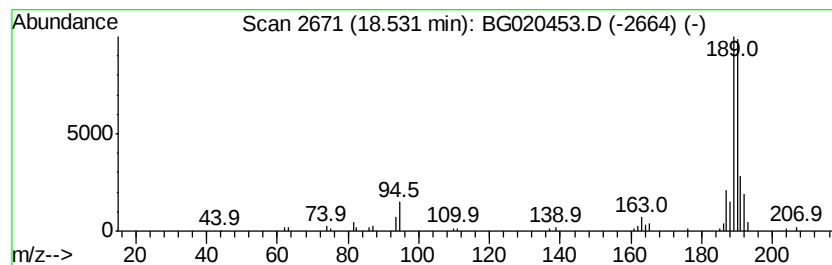
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TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	3.98 ng/ul	76099	Phenanthrene-d10	17.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020453.D
Acq On : 23 Dec 2015 21:26
Operator : UM/SJ
Sample : G4848-14DL 25X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N60DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.77	5.7	ng/ul	53853	2	10.90	189094	20.0
Phenanthrene, 1-m...	18.38	2.0	ng/ul	38808	4	17.46	382457	20.0
4H-Cyclopenta[def...	18.53	4.0	ng/ul	76099	4	17.46	382457	20.0