

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020263.D
 Acq On : 18 Dec 2015 2:42
 Operator : UM/SJ
 Sample : G4767-21DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N43DL

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	3.120	43	48	58	rVB2	10449	19581	3.72%	0.417%
2	7.245	743	750	754	rBV2	5281	8754	1.66%	0.186%
3	7.409	772	778	784	rBB	5127	7781	1.48%	0.166%
4	7.627	809	815	819	rBV2	4733	7520	1.43%	0.160%
5	8.091	888	894	903	rBB	54023	90447	17.20%	1.927%
6	8.632	982	986	992	rBB	6355	9754	1.86%	0.208%
7	8.796	1009	1014	1020	rBB2	7713	10509	2.00%	0.224%
8	9.260	1088	1093	1099	rBB2	5862	9869	1.88%	0.210%
9	9.983	1211	1216	1223	rVB2	4062	6567	1.25%	0.140%
10	10.529	1303	1309	1314	rBB2	6715	10900	2.07%	0.232%
11	10.911	1367	1374	1378	rBV	79112	137371	26.13%	2.926%
12	10.964	1378	1383	1391	rVV	118601	209023	39.75%	4.453%
13	11.046	1391	1397	1401	rVV2	6465	11026	2.10%	0.235%
14	11.076	1401	1402	1409	rVB2	2824	3665	0.70%	0.078%
15	11.740	1511	1515	1520	rBB3	1616	2764	0.53%	0.059%
16	12.556	1647	1654	1662	rBV	54398	88332	16.80%	1.882%
17	12.680	1670	1675	1679	rVB2	1124	1759	0.33%	0.037%
18	12.780	1685	1692	1699	rVB	26620	42481	8.08%	0.905%
19	13.561	1820	1825	1832	rBB	17921	26374	5.02%	0.562%
20	13.755	1853	1858	1865	rBV2	4422	7619	1.45%	0.162%
21	13.884	1876	1880	1882	rBV2	6130	8923	1.70%	0.190%
22	14.043	1902	1907	1913	rBV2	10308	16753	3.19%	0.357%
23	14.119	1913	1920	1925	rVV2	19552	35893	6.83%	0.765%
24	14.172	1925	1929	1936	rVB2	8247	11164	2.12%	0.238%
25	14.278	1944	1947	1957	rBB2	3666	6539	1.24%	0.139%
26	14.419	1966	1971	1975	rBV	16905	27034	5.14%	0.576%
27	14.724	2013	2023	2029	rBV3	140206	232079	44.14%	4.944%
28	14.789	2029	2034	2040	rVV	109766	166094	31.59%	3.538%
29	14.854	2040	2045	2050	rVB	4760	6911	1.31%	0.147%
30	14.918	2050	2056	2062	rBV3	5163	8348	1.59%	0.178%
31	15.001	2065	2070	2072	rVV2	1783	2444	0.46%	0.052%
32	15.036	2072	2076	2080	rVV	3242	4440	0.84%	0.095%
33	15.118	2083	2090	2098	rVB	72021	114618	21.80%	2.442%
34	15.189	2098	2102	2106	rBB	1748	2675	0.51%	0.057%

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35	15.712	2184	2191	2196	rBV	23030	34875	6.63%	0.743%
36	15.770	2196	2201	2208	rVV	99745	148476	28.24%	3.163%
37	15.829	2208	2211	2214	rVV2	2139	2754	0.52%	0.059%
38	15.858	2214	2216	2219	rVV2	3014	3944	0.75%	0.084%
39	15.894	2219	2222	2225	rVV2	5558	7835	1.49%	0.167%
40	15.929	2225	2228	2234	rVV2	10540	15338	2.92%	0.327%
41	15.982	2234	2237	2239	rVV2	1769	2531	0.48%	0.054%
42	16.023	2240	2244	2247	rVV3	4808	7233	1.38%	0.154%
43	16.058	2247	2250	2255	rVB	10914	15447	2.94%	0.329%
44	16.211	2269	2276	2283	rVB2	12452	24573	4.67%	0.523%
45	16.293	2288	2290	2295	rVB2	1653	2231	0.42%	0.048%
46	16.411	2308	2310	2313	rBV2	1566	1872	0.36%	0.040%
47	16.563	2331	2336	2342	rVB2	5578	7812	1.49%	0.166%
48	16.775	2365	2372	2376	rVB3	8389	15008	2.85%	0.320%
49	16.822	2376	2380	2386	rBV2	2947	3951	0.75%	0.084%
50	16.916	2393	2396	2403	rVB2	2893	4671	0.89%	0.100%
51	16.998	2403	2410	2413	rBV5	2717	5761	1.10%	0.123%
52	17.039	2413	2417	2421	rVB3	2571	3774	0.72%	0.080%
53	17.122	2428	2431	2437	rBV3	1242	2252	0.43%	0.048%
54	17.204	2439	2445	2447	rBV3	3523	6522	1.24%	0.139%
55	17.286	2454	2459	2469	rVB	21487	31155	5.93%	0.664%
56	17.468	2484	2490	2494	rBV	202079	329441	62.65%	7.018%
57	17.515	2494	2498	2503	rVV	367778	525803	100.00%	11.201%
58	17.568	2503	2507	2510	rVV	35104	51076	9.71%	1.088%
59	17.603	2510	2513	2518	rVV	23584	31767	6.04%	0.677%
60	17.662	2521	2523	2527	rVB4	1413	1798	0.34%	0.038%
61	17.868	2547	2558	2569	rBV2	22651	41339	7.86%	0.881%
62	17.985	2573	2578	2582	rBV3	4037	5688	1.08%	0.121%
63	18.191	2609	2613	2621	rVB3	1921	3748	0.71%	0.080%
64	18.344	2634	2639	2643	rBV	19860	27712	5.27%	0.590%
65	18.391	2643	2647	2652	rVB	27697	39146	7.44%	0.834%
66	18.467	2655	2660	2666	rBV3	7961	12504	2.38%	0.266%
67	18.543	2666	2673	2677	rBV2	38550	65585	12.47%	1.397%
68	18.643	2686	2690	2692	rVB	1426	1910	0.36%	0.041%
69	18.685	2692	2697	2702	rBV2	1839	2770	0.53%	0.059%
70	18.779	2709	2713	2717	rVB2	2111	2973	0.57%	0.063%
71	18.837	2717	2723	2727	rBV	16482	22133	4.21%	0.471%

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72	18.878	2727	2730	2733	rVB3	1504	2138	0.41%	0.046%
73	19.072	2760	2763	2764	rBV2	1858	1600	0.30%	0.034%
74	19.131	2769	2773	2777	rBV2	2637	3274	0.62%	0.070%
75	19.166	2777	2779	2784	rVB3	1783	2266	0.43%	0.048%
76	19.249	2788	2793	2798	rBV2	4087	7882	1.50%	0.168%
77	19.319	2802	2805	2810	rVV4	2319	4078	0.78%	0.087%
78	19.513	2832	2838	2845	rVV	219232	313027	59.53%	6.668%
79	19.613	2851	2855	2859	rVB2	2591	3311	0.63%	0.071%
80	19.760	2875	2880	2888	rVB2	4998	8939	1.70%	0.190%
81	19.848	2888	2895	2897	rBV3	72814	108121	20.56%	2.303%
82	19.877	2897	2900	2908	rVV	141327	202046	38.43%	4.304%
83	19.942	2909	2911	2919	rVB3	5604	7754	1.47%	0.165%
84	20.053	2925	2930	2935	rBV	6642	10560	2.01%	0.225%
85	20.118	2937	2941	2944	rVB4	2678	3970	0.76%	0.085%
86	20.189	2950	2953	2954	rBV2	5611	5104	0.97%	0.109%
87	20.253	2961	2964	2967	rBV	4583	4686	0.89%	0.100%
88	20.365	2973	2983	2988	rVB	21622	35619	6.77%	0.759%
89	20.465	2995	3000	3004	rBV	26003	35491	6.75%	0.756%
90	20.659	3032	3033	3039	rVB5	2044	2014	0.38%	0.043%
91	20.712	3039	3042	3046	rBV3	3894	3930	0.75%	0.084%
92	20.894	3071	3073	3076	rVB3	2427	2286	0.43%	0.049%
93	21.323	3142	3146	3150	rBV	4910	7093	1.35%	0.151%
94	21.364	3150	3153	3158	rVV2	4202	6172	1.17%	0.131%
95	21.411	3158	3161	3165	rVV3	3972	5750	1.09%	0.122%
96	21.746	3209	3218	3223	rBV	291546	523802	99.62%	11.158%
97	21.787	3223	3225	3235	rVB	25051	39119	7.44%	0.833%
98	23.238	3470	3472	3473	rBV2	3055	1702	0.32%	0.036%
99	24.789	3729	3736	3742	rBV3	18287	42047	8.00%	0.896%
100	25.012	3765	3774	3787	rVB2	150372	431068	81.98%	9.183%

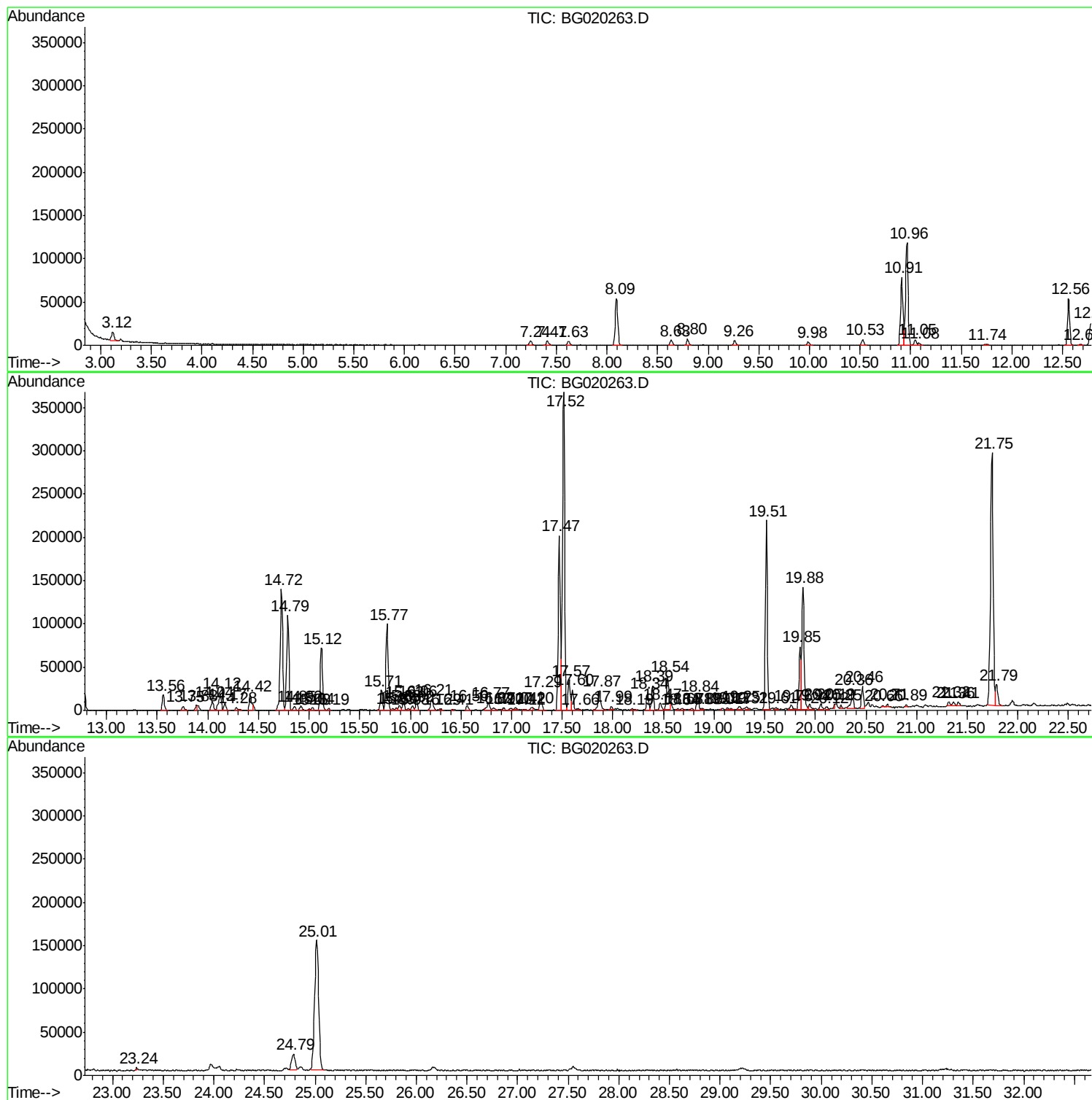
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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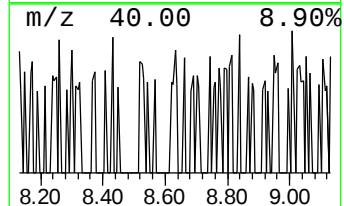
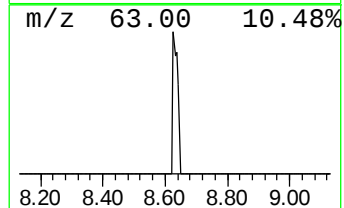
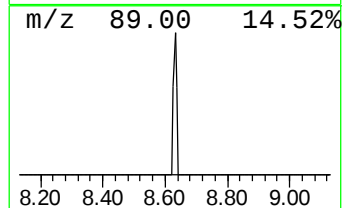
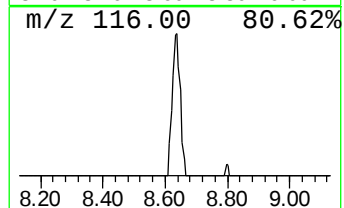
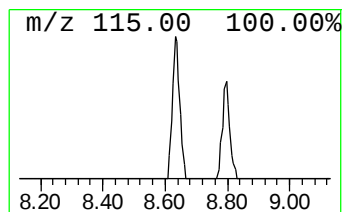
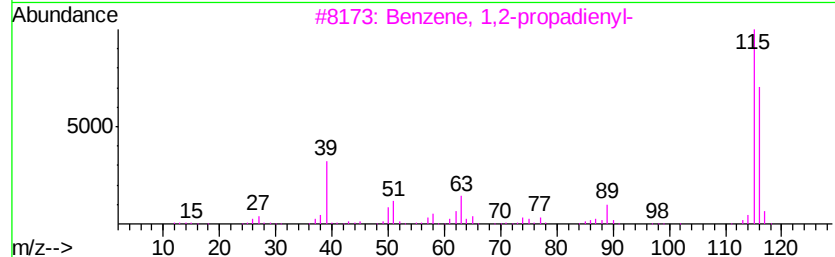
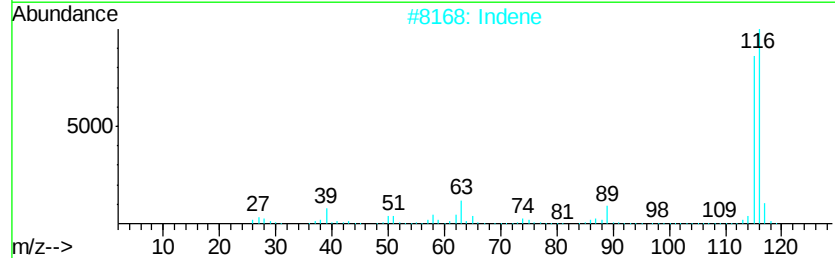
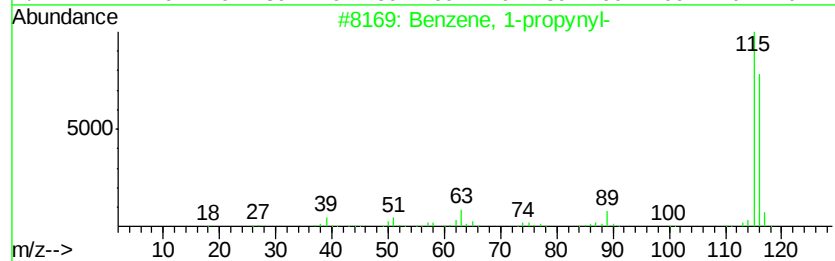
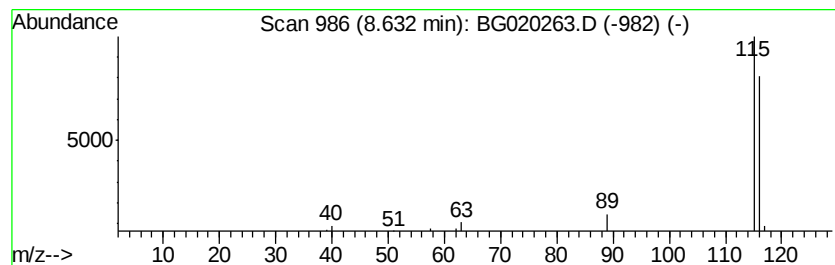
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	2.16 ng/ul	9754	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
2		Indene	116	C9H8	000095-13-6	90
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	83
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	83



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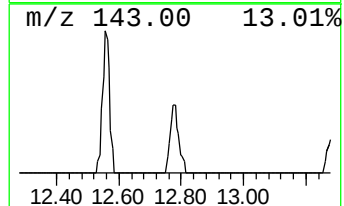
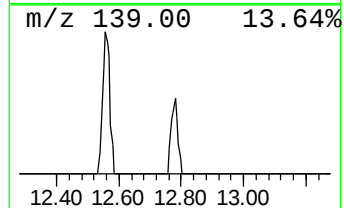
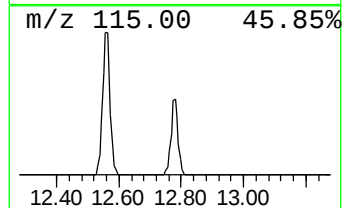
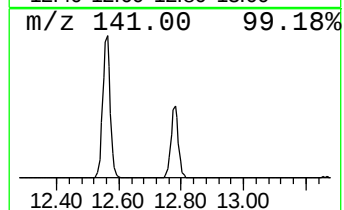
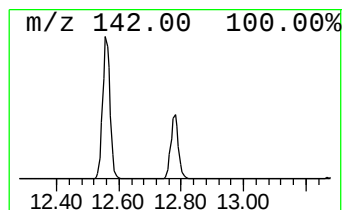
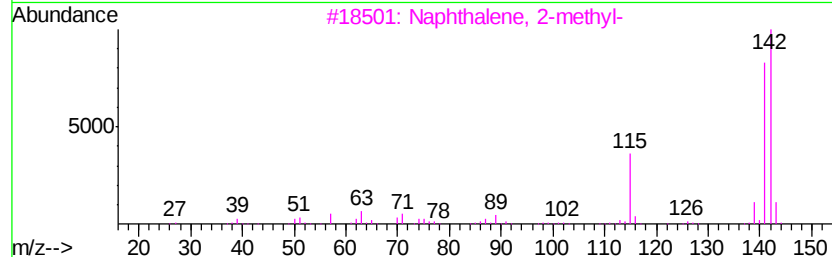
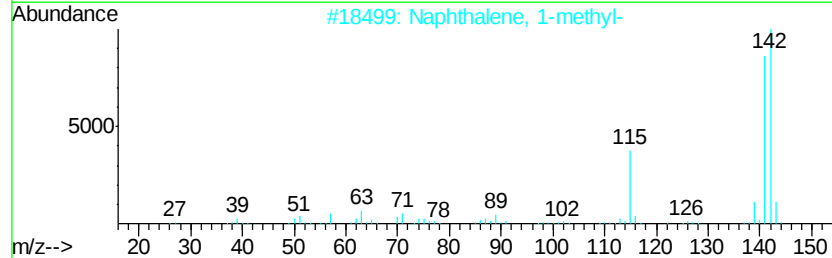
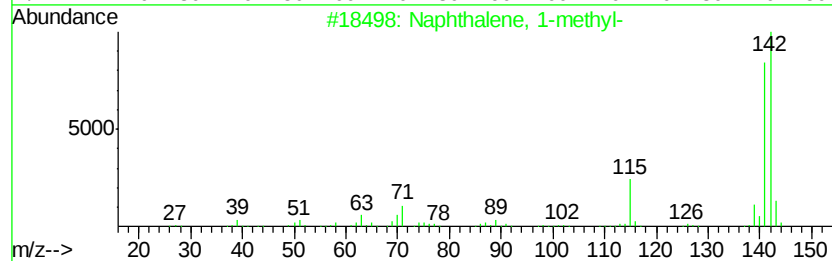
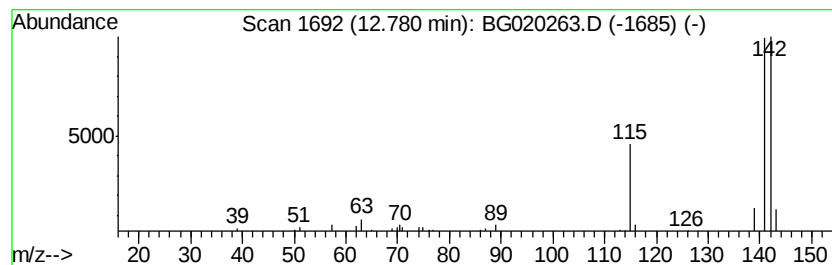
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	6.18 ng/ul	42481	Naphthalene-d8	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



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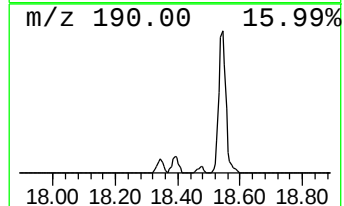
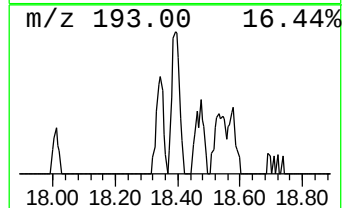
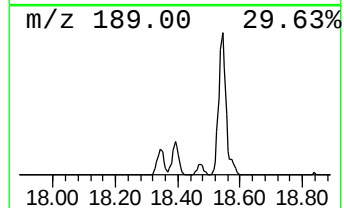
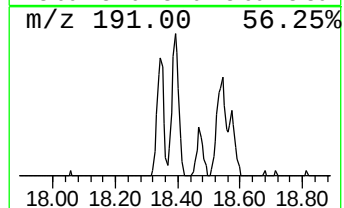
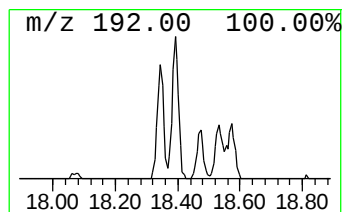
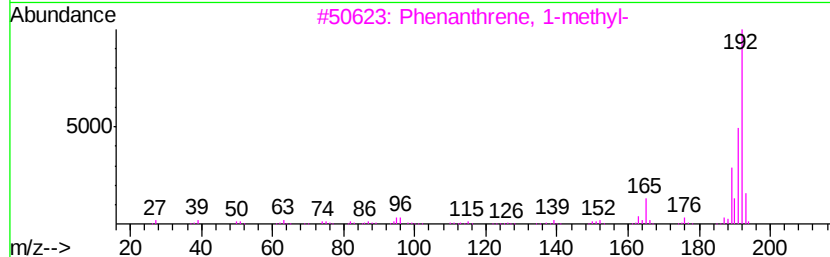
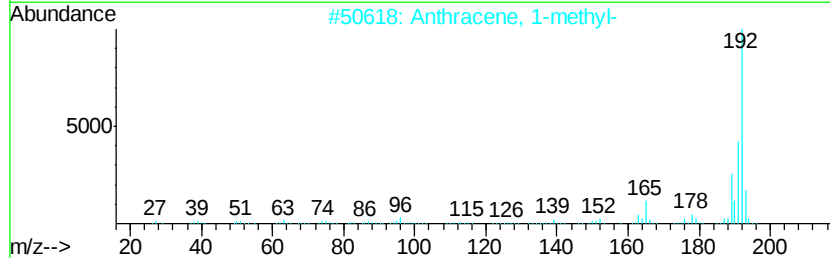
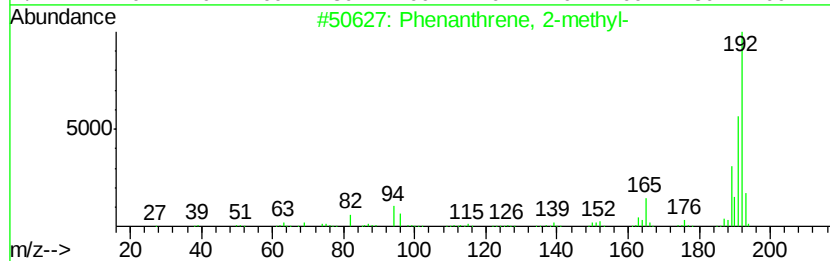
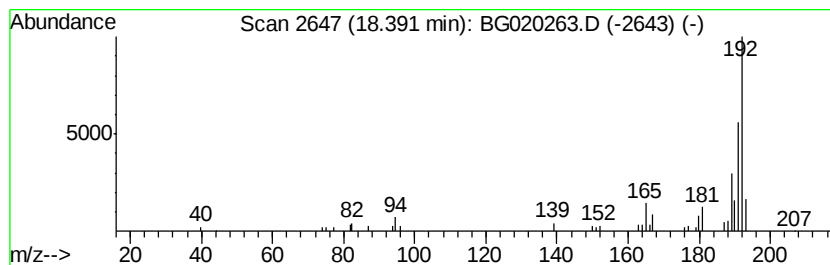
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.38 ng/ul	39146	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91	
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90	
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90	
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90	
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020263.D
Acq On : 18 Dec 2015 2:42
Operator : UM/SJ
Sample : G4767-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N43DL

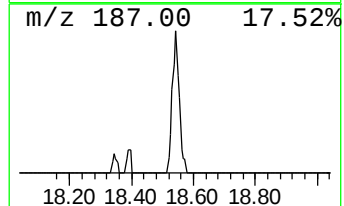
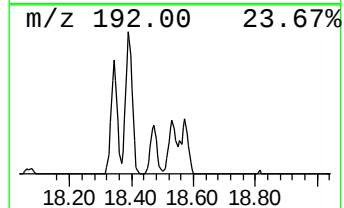
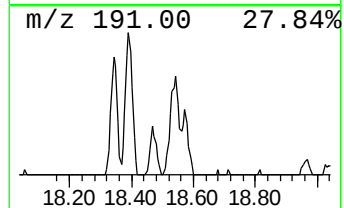
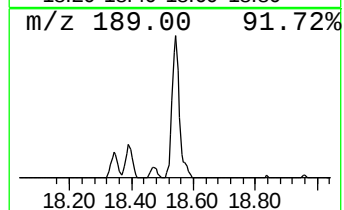
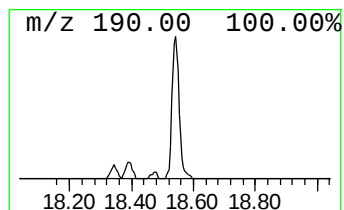
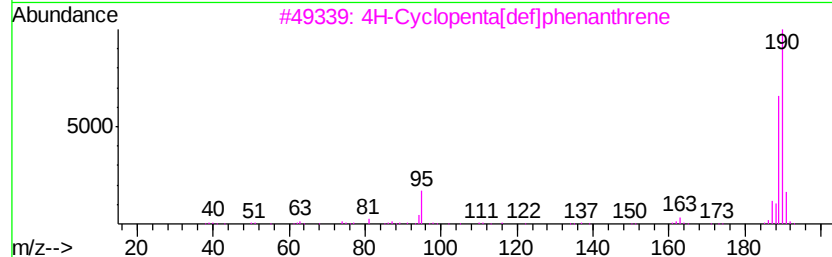
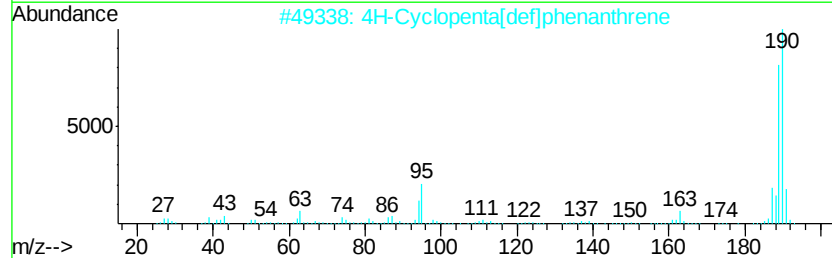
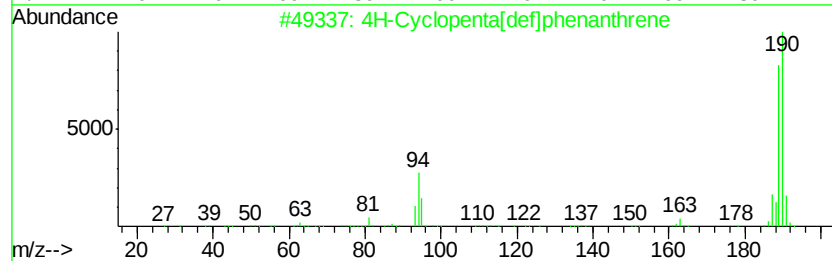
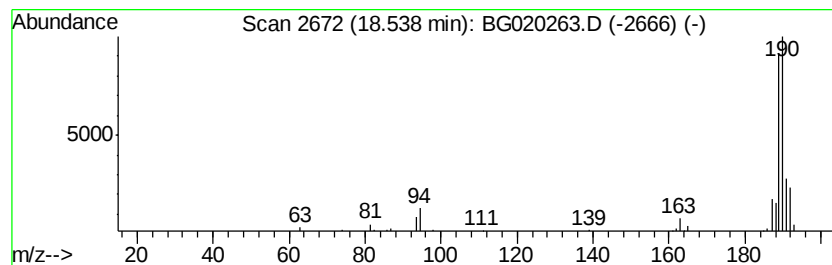
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	3.98 ng/ul	65585	Phenanthrene-d10	17.47

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	81
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	42



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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N43DL

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
Benzene, 1-propynyl-	8.63	2.2	ng/ul	9754	1	8.09	90447	20.0
Naphthalene, 1-me...	12.78	6.2	ng/ul	42481	2	10.91	137371	20.0
Phenanthrene, 2-m...	18.39	2.4	ng/ul	39146	4	17.47	329441	20.0
4H-Cyclopenta[def...	18.54	4.0	ng/ul	65585	4	17.47	329441	20.0