

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019539.D
 Acq On : 9 Nov 2015 19:04
 Operator : UM/NP
 Sample : G4245-17DL3 100X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL3

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-BG102815.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	44	48	53	rVB4	14372	25908	2.29%	0.381%
2	3.197	59	61	67	rVB4	9644	12733	1.12%	0.187%
3	5.135	385	391	392	rBV2	1950	2803	0.25%	0.041%
4	5.635	469	476	481	rBV2	10708	18753	1.65%	0.276%
5	5.770	495	499	501	rBV4	7442	11187	0.99%	0.165%
6	6.146	560	563	568	rVV2	10104	14128	1.25%	0.208%
7	6.540	625	630	631	rBV3	1703	3120	0.28%	0.046%
8	7.245	746	750	754	rVB3	4127	6938	0.61%	0.102%
9	7.309	756	761	765	rVV4	3612	5508	0.49%	0.081%
10	7.380	768	773	779	rVB3	7721	11132	0.98%	0.164%
11	7.562	798	804	806	rBV2	2268	2941	0.26%	0.043%
12	7.815	841	847	854	rVV3	17050	28389	2.50%	0.418%
13	7.891	854	860	866	rVB2	14560	25191	2.22%	0.371%
14	8.173	902	908	917	rBV	134066	225005	19.85%	3.312%
15	8.279	922	926	933	rBV4	4480	8897	0.78%	0.131%
16	8.549	966	972	978	rVV	59848	102245	9.02%	1.505%
17	8.714	992	1000	1009	rVV	56324	99872	8.81%	1.470%
18	8.808	1011	1016	1021	rVV4	3361	6820	0.60%	0.100%
19	8.872	1024	1027	1032	rVV	2166	3005	0.27%	0.044%
20	9.372	1110	1112	1118	rVB4	4730	5289	0.47%	0.078%
21	9.548	1137	1142	1145	rBV4	6154	9073	0.80%	0.134%
22	9.671	1153	1163	1167	rBV4	10737	25773	2.27%	0.379%
23	9.736	1167	1174	1180	rVB2	4048	7997	0.71%	0.118%
24	9.812	1180	1187	1191	rBV3	3053	6298	0.56%	0.093%
25	9.871	1193	1197	1203	rBV3	2738	4635	0.41%	0.068%
26	10.247	1254	1261	1264	rBV4	5302	8828	0.78%	0.130%
27	10.388	1281	1285	1297	rBV7	11444	25975	2.29%	0.382%
28	10.494	1297	1303	1306	rVV3	4512	8147	0.72%	0.120%
29	10.529	1306	1309	1312	rVB3	2890	3418	0.30%	0.050%
30	11.005	1382	1390	1393	rBV	176922	318253	28.07%	4.685%
31	11.052	1393	1398	1407	rVV	632624	1133696	100.00%	16.688%
32	11.170	1410	1418	1426	rVB	48516	89760	7.92%	1.321%
33	11.410	1455	1459	1463	rBV2	3001	4405	0.39%	0.065%
34	12.110	1573	1578	1581	rVB3	2835	4532	0.40%	0.067%

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35	12.374	1618	1623	1626	rBV4	3776	6176	0.54%	0.091%
36	12.544	1649	1652	1657	rVB2	4846	7687	0.68%	0.113%
37	12.650	1663	1670	1675	rBV2	24371	43203	3.81%	0.636%
38	12.762	1685	1689	1694	rVB2	2530	4481	0.40%	0.066%
39	12.862	1694	1706	1713	rBV2	64051	111201	9.81%	1.637%
40	13.643	1832	1839	1843	rVV	22094	31657	2.79%	0.466%
41	13.761	1855	1859	1862	rBV	2267	2812	0.25%	0.041%
42	14.125	1916	1921	1926	rBV3	11121	19389	1.71%	0.285%
43	14.195	1926	1933	1940	rVB4	7355	17100	1.51%	0.252%
44	14.354	1958	1960	1962	rBV2	2910	2885	0.25%	0.042%
45	14.501	1982	1985	1987	rBV2	3586	4477	0.39%	0.066%
46	14.807	2028	2037	2043	rBV2	327724	525442	46.35%	7.734%
47	14.865	2043	2047	2054	rVB	73071	110563	9.75%	1.627%
48	14.930	2054	2058	2062	rBV2	6519	8545	0.75%	0.126%
49	14.977	2062	2066	2073	rVV2	11167	17295	1.53%	0.255%
50	15.065	2078	2081	2082	rBV	3940	3781	0.33%	0.056%
51	15.083	2082	2084	2087	rVV4	5909	5525	0.49%	0.081%
52	15.106	2087	2088	2094	rVB	4466	3209	0.28%	0.047%
53	15.200	2098	2104	2110	rVB	54583	81359	7.18%	1.198%
54	15.418	2136	2141	2146	rVB	1802	4403	0.39%	0.065%
55	15.794	2200	2205	2208	rVV2	9778	13884	1.22%	0.204%
56	15.846	2208	2214	2219	rVB	41705	65538	5.78%	0.965%
57	15.976	2231	2236	2241	rVV5	11293	24512	2.16%	0.361%
58	16.046	2245	2248	2249	rVV3	4233	4130	0.36%	0.061%
59	16.064	2249	2251	2256	rVV4	5447	8018	0.71%	0.118%
60	16.140	2259	2264	2268	rVB4	4670	6132	0.54%	0.090%
61	16.228	2274	2279	2280	rBV3	2557	3281	0.29%	0.048%
62	16.252	2280	2283	2285	rBV2	2740	3176	0.28%	0.047%
63	16.516	2324	2328	2337	rVB4	7846	15833	1.40%	0.233%
64	16.716	2359	2362	2363	rBV	5868	5527	0.49%	0.081%
65	16.798	2371	2376	2380	rBV2	7341	9813	0.87%	0.144%
66	16.839	2380	2383	2387	rVB4	2624	4183	0.37%	0.062%
67	16.898	2389	2393	2397	rVB5	4956	5667	0.50%	0.083%
68	17.004	2405	2411	2413	rBV2	2472	4069	0.36%	0.060%
69	17.321	2460	2465	2470	rVV5	10399	18889	1.67%	0.278%
70	17.486	2491	2493	2497	rVB	3047	3188	0.28%	0.047%
71	17.544	2497	2503	2508	rBV	509146	781211	68.91%	11.499%

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72	17.586	2508	2510	2516	rVV	57134	74676	6.59%	1.099%
73	17.644	2516	2520	2523	rVV4	9493	13591	1.20%	0.200%
74	17.674	2523	2525	2529	rVB3	4556	5451	0.48%	0.080%
75	17.750	2531	2538	2541	rVB5	3563	7648	0.67%	0.113%
76	17.909	2558	2565	2566	rBV6	6472	9703	0.86%	0.143%
77	17.944	2566	2571	2579	rVB	72145	105330	9.29%	1.550%
78	18.026	2582	2585	2593	rBV5	8775	19955	1.76%	0.294%
79	18.103	2593	2598	2603	rVB	14450	24036	2.12%	0.354%
80	18.167	2606	2609	2610	rBV	3209	3576	0.32%	0.053%
81	18.291	2626	2630	2634	rVV4	3730	6724	0.59%	0.099%
82	18.373	2639	2644	2650	rVV4	6293	13866	1.22%	0.204%
83	18.461	2654	2659	2667	rBV5	17368	34244	3.02%	0.504%
84	18.532	2667	2671	2679	rVV3	9182	17416	1.54%	0.256%
85	18.614	2682	2685	2689	rVV4	3815	5718	0.50%	0.084%
86	18.690	2696	2698	2699	rVV2	5547	4467	0.39%	0.066%
87	18.708	2699	2701	2706	rVV4	6029	10139	0.89%	0.149%
88	18.743	2706	2707	2710	rVV3	4815	5070	0.45%	0.075%
89	18.784	2713	2714	2718	rVV4	4512	5139	0.45%	0.076%
90	18.843	2721	2724	2725	rVV2	6973	7974	0.70%	0.117%
91	18.896	2728	2733	2741	rVB5	4881	10611	0.94%	0.156%
92	19.501	2835	2836	2841	rVB3	3412	4215	0.37%	0.062%
93	19.583	2846	2850	2854	rVB3	4300	7787	0.69%	0.115%
94	19.619	2854	2856	2859	rBV3	3888	3938	0.35%	0.058%
95	19.918	2900	2907	2910	rBV4	13841	23973	2.11%	0.353%
96	20.371	2980	2984	2989	rBV2	24917	37464	3.30%	0.551%
97	21.663	3202	3204	3205	rBV2	6024	3606	0.32%	0.053%
98	21.828	3225	3232	3239	rBV	616566	1058823	93.40%	15.586%
99	22.756	3388	3390	3391	rBV2	6217	4300	0.38%	0.063%
100	25.171	3790	3801	3815	rVB3	337889	1005234	88.67%	14.797%

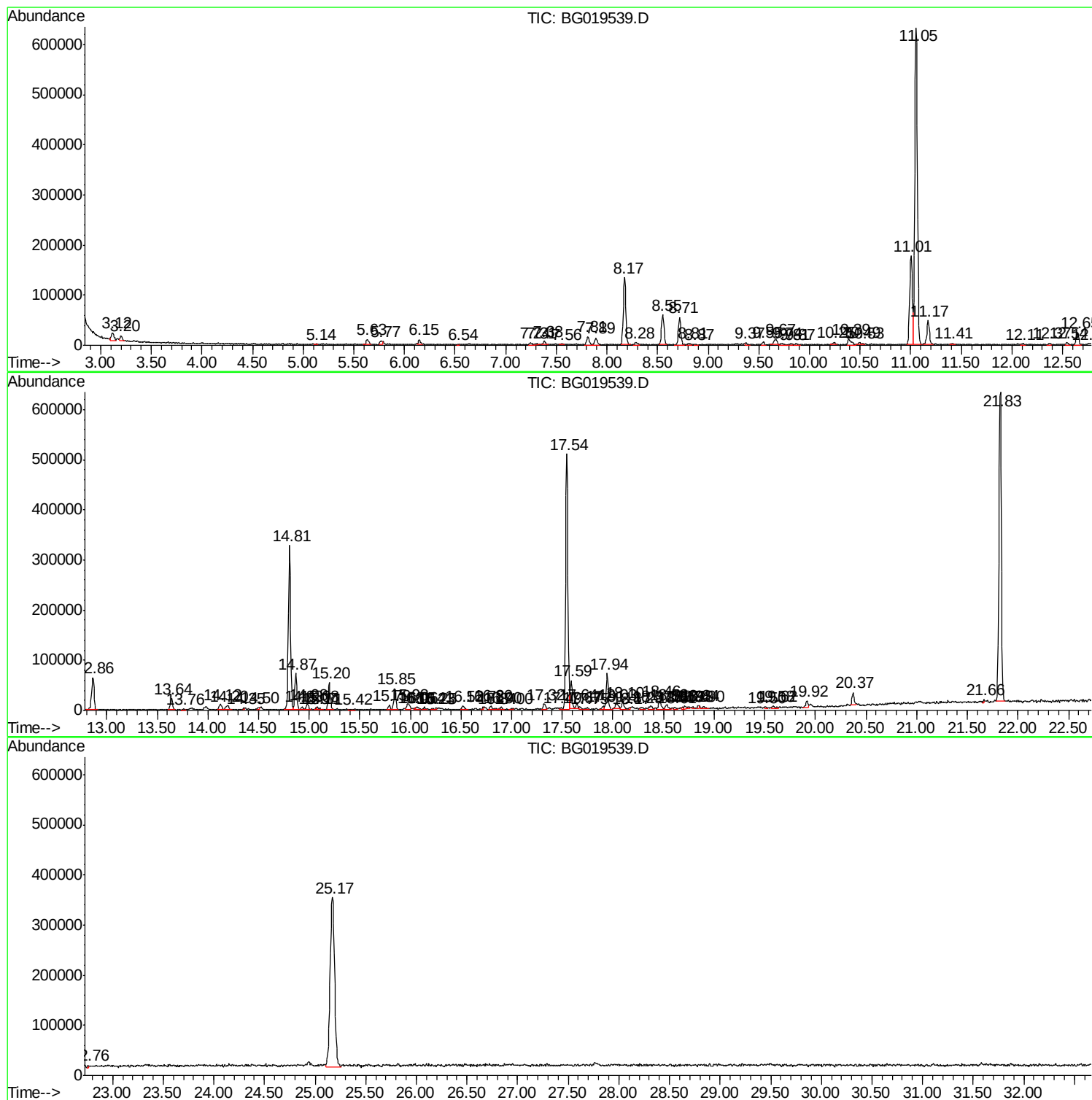
Sum of corrected areas: 6793569

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



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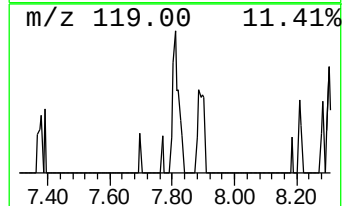
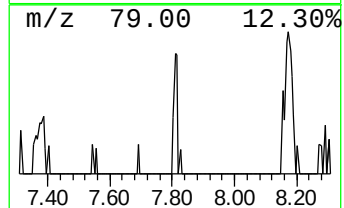
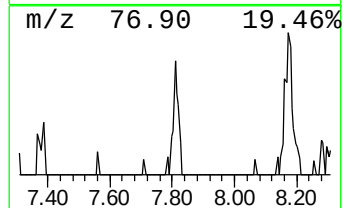
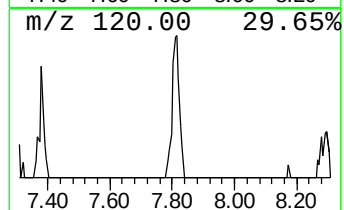
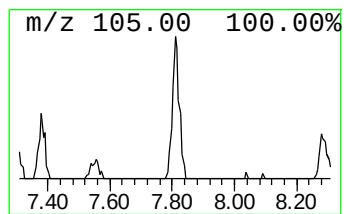
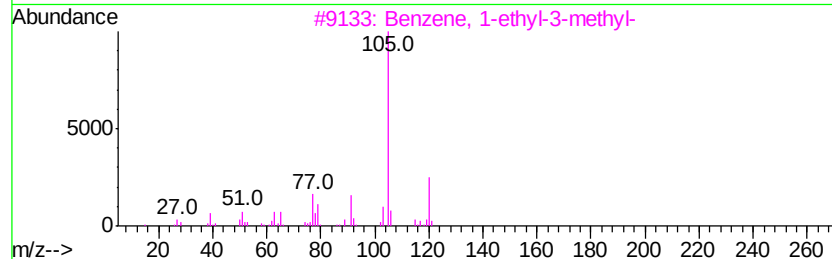
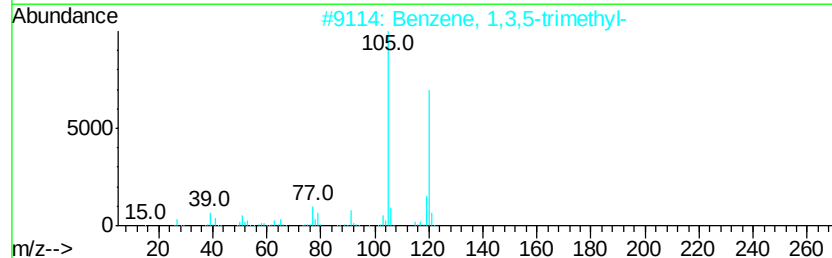
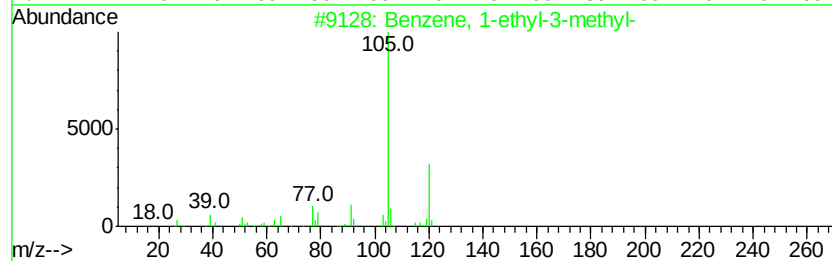
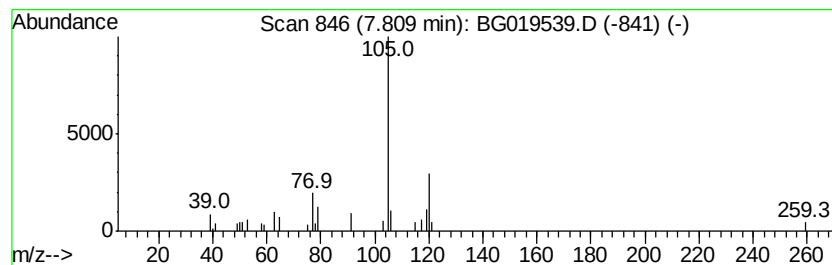
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	2.52 ng/ul	28389	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81



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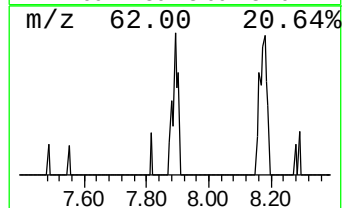
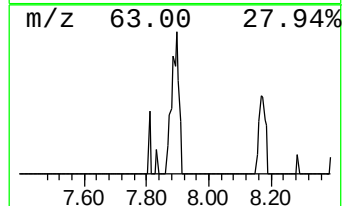
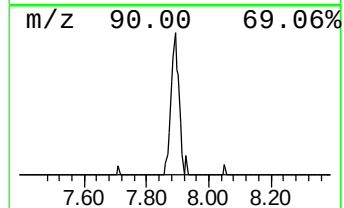
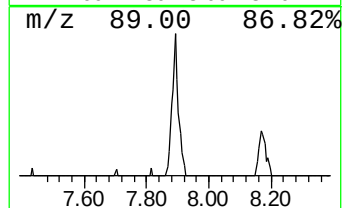
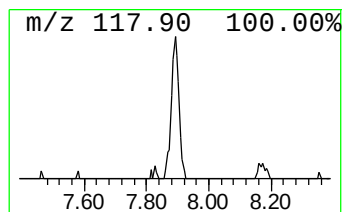
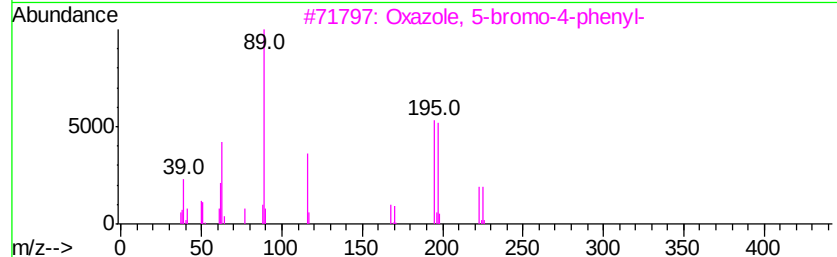
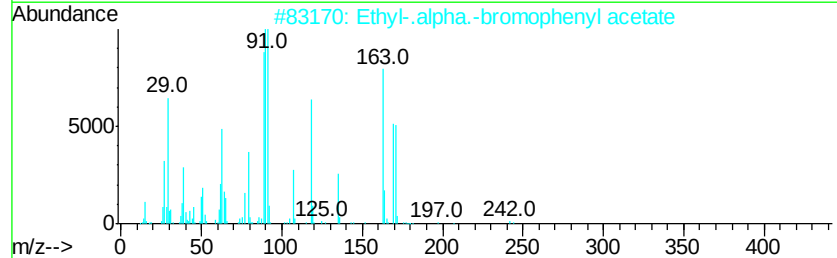
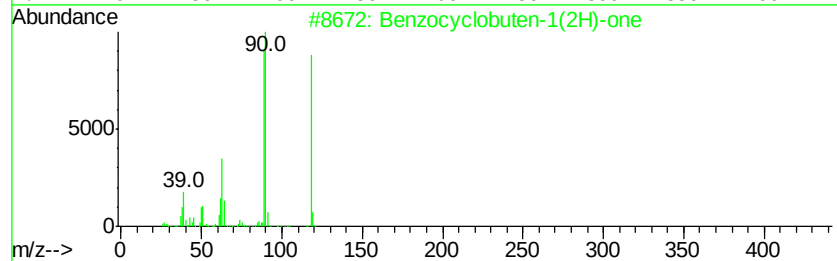
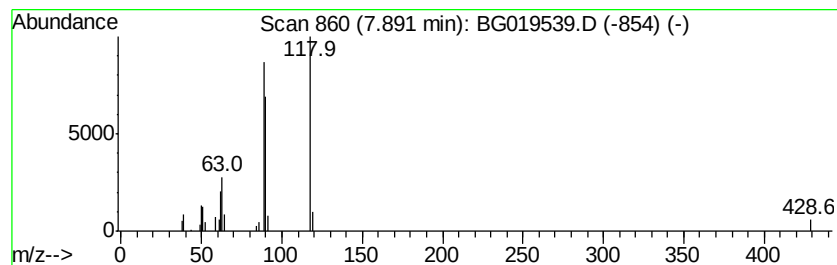
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzocyclobuten-1(2H)-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	2.24 ng/ul	25191	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	93
2		Ethyl-.alpha.-bromophenyl acetate	242	C10H11BrO2	002882-19-1	59
3		Oxazole, 5-bromo-4-phenyl-	223	C9H6BrNO	020756-97-2	59
4		Benzene, 1-bromo-2-methyl-4-nitro-	215	C7H6BrNO2	007149-70-4	45
5		2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	45



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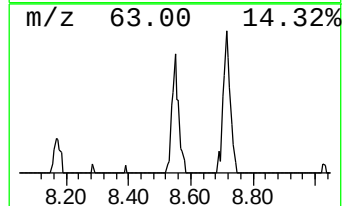
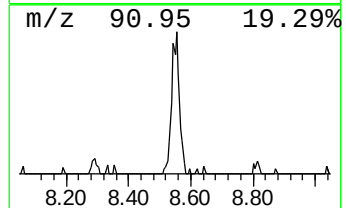
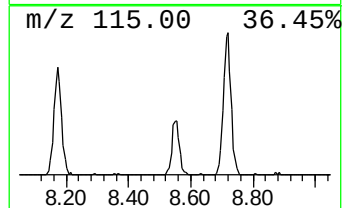
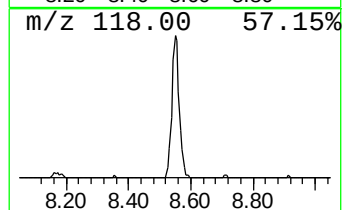
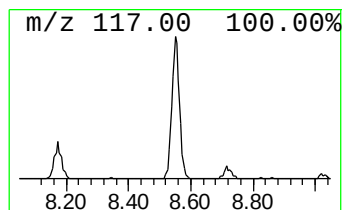
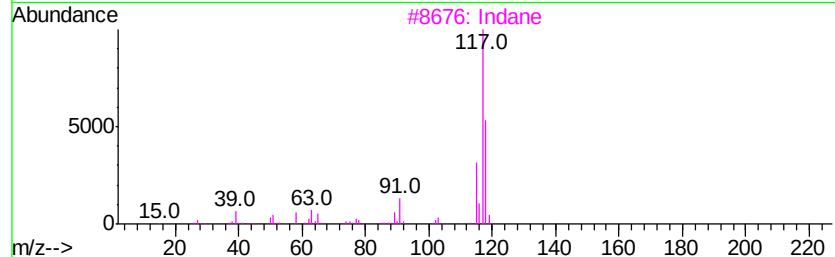
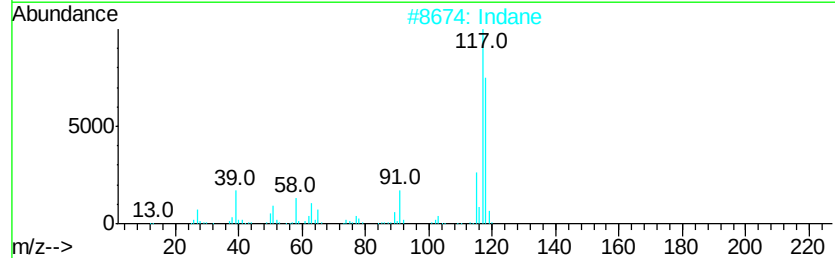
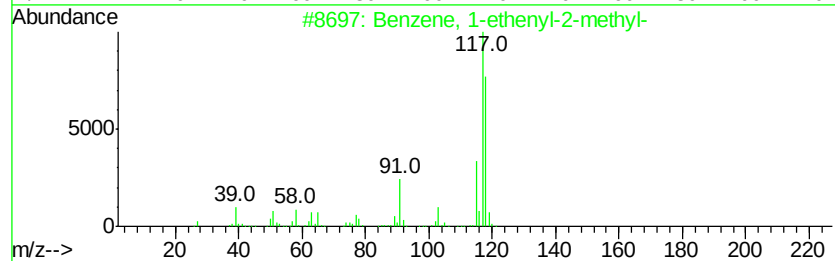
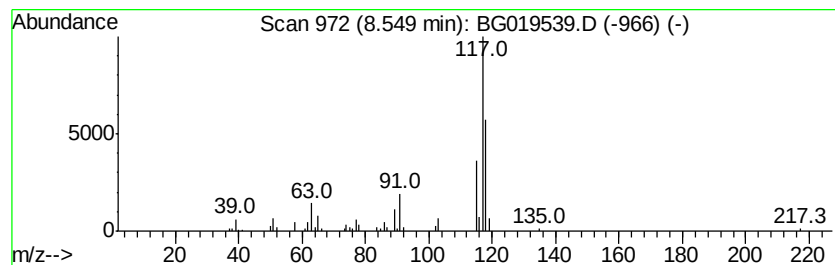
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	9.09 ng/ul	102245	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
2		Indane	118	C9H10	000496-11-7	87
3		Indane	118	C9H10	000496-11-7	81
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019539.D
Acq On : 9 Nov 2015 19:04
Operator : UM/NP
Sample : G4245-17DL3 100X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
BCY52DL3

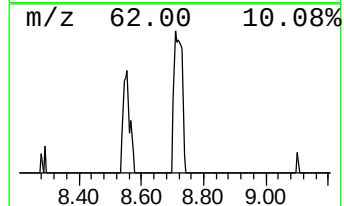
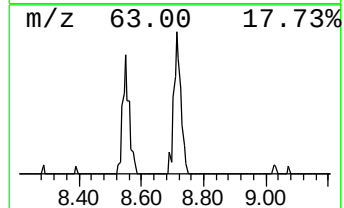
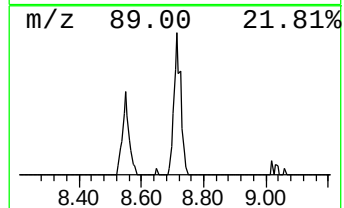
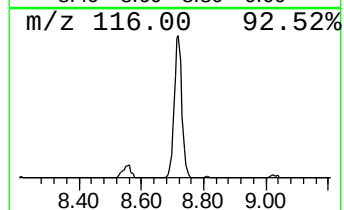
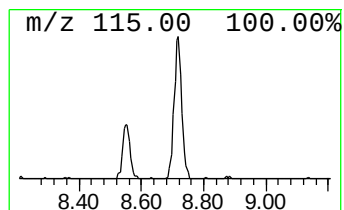
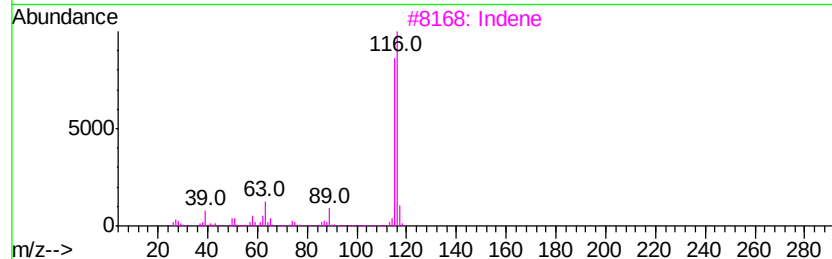
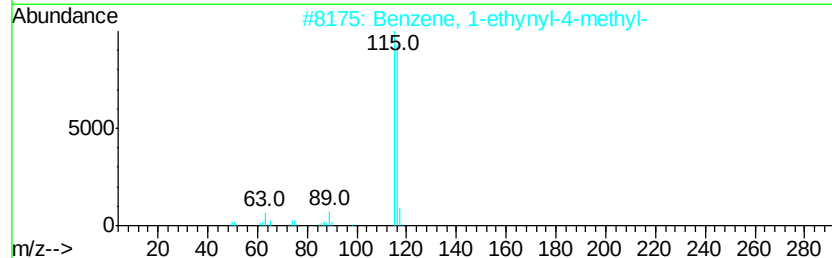
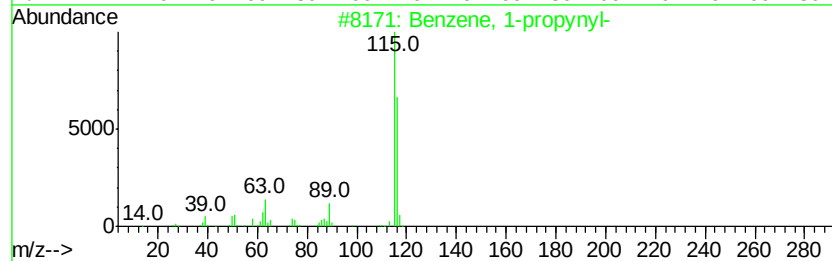
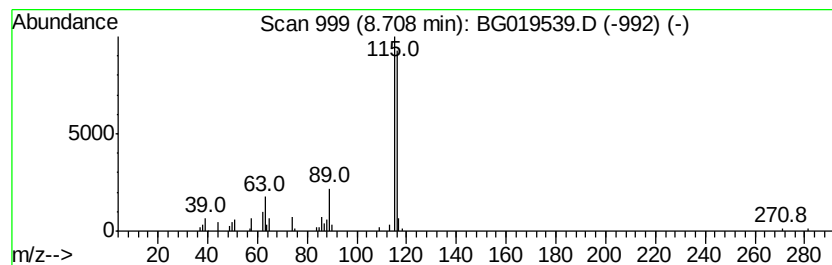
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	8.88 ng/ul	99872	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3		Indene	116	C9H8	000095-13-6	91
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5		Indene	116	C9H8	000095-13-6	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019539.D
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Operator : UM/NP
Sample : G4245-17DL3 100X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY52DL3

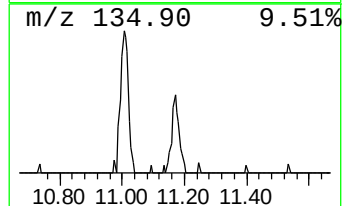
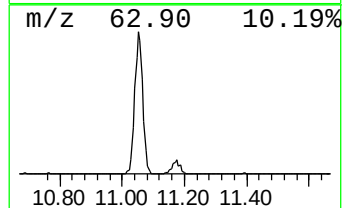
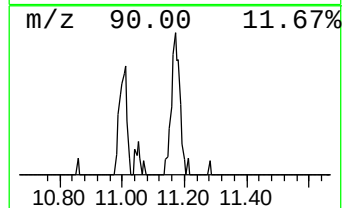
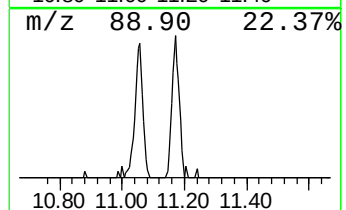
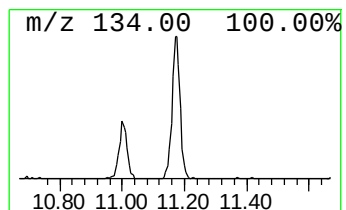
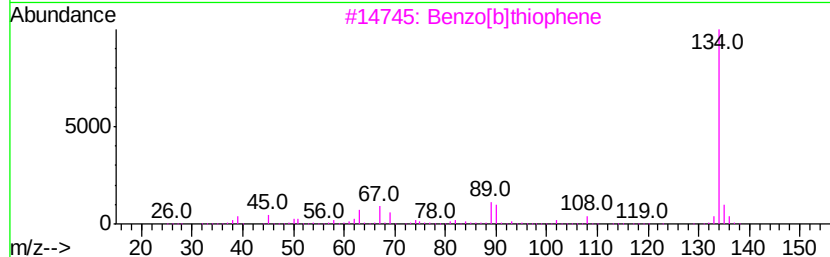
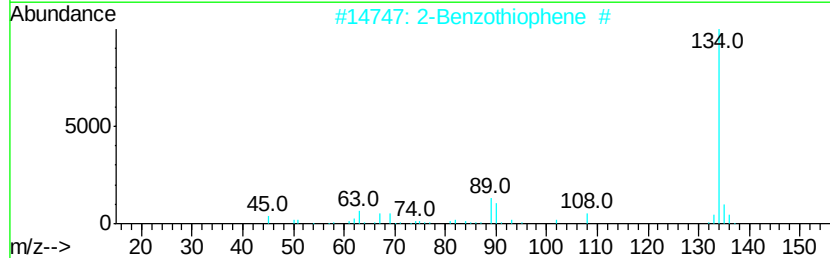
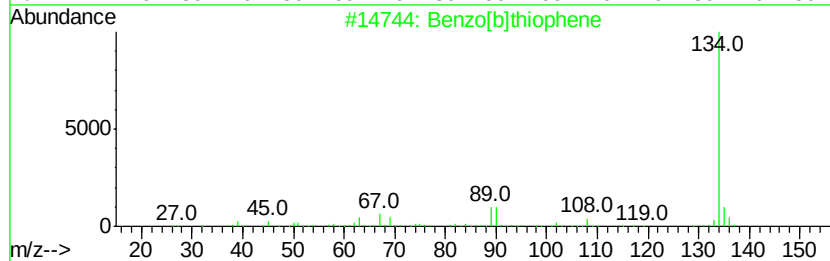
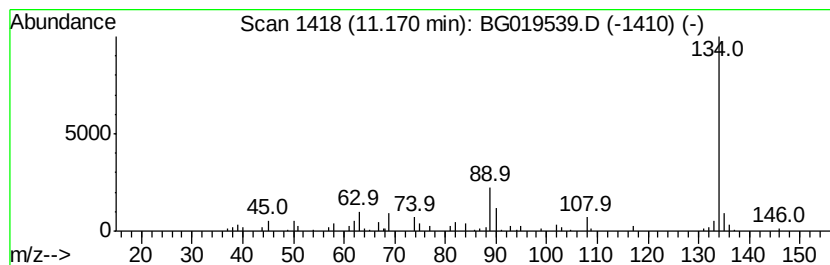
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	5.64 ng/ul	89760	Napthalene-d8	11.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]thiophene	134	C8H6S	000095-15-8	87
2		2-Benzothiophene #	134	C8H6S	000270-82-6	87
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	87
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	87
5		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110915\
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Acq On : 9 Nov 2015 19:04
Operator : UM/NP
Sample : G4245-17DL3 100X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY52DL3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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-ethyl-...	7.81	2.5	ng/ul	28389	1	8.17	225005	20.0
Benzocyclobuten-1...	7.89	2.2	ng/ul	25191	1	8.17	225005	20.0
Benzene, 1-etheny...	8.55	9.1	ng/ul	102245	1	8.17	225005	20.0
Benzene, 1-propynyl-	8.71	8.9	ng/ul	99872	1	8.17	225005	20.0
Benzo[b]thiophene	11.17	5.6	ng/ul	89760	2	11.01	318253	20.0