

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020647.D
 Acq On : 31 Dec 2015 18:34
 Operator : UM/SJ
 Sample : G4847-06DL 100X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N70DL

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-BG123015.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	3.076	35	40	50	rVB4	7502	15572	2.34%	0.427%
2	3.147	50	52	56	rBV2	812	1220	0.18%	0.033%
3	7.782	837	841	845	rBB	762	1079	0.16%	0.030%
4	8.058	882	888	900	rBB	65264	109488	16.42%	3.006%
5	8.429	948	951	957	rBB	1951	3234	0.48%	0.089%
6	8.599	974	980	989	rBB2	17079	28217	4.23%	0.775%
7	9.557	1138	1143	1147	rVB2	993	1764	0.26%	0.048%
8	10.509	1300	1305	1308	rBB	714	1011	0.15%	0.028%
9	10.879	1360	1368	1371	rBV	100863	183535	27.52%	5.039%
10	10.926	1371	1376	1390	rVV	377110	666882	100.00%	18.308%
11	11.049	1390	1397	1405	rVB	14512	24871	3.73%	0.683%
12	12.424	1628	1631	1636	rBB2	875	1495	0.22%	0.041%
13	12.524	1641	1648	1658	rVB	56723	91874	13.78%	2.522%
14	12.647	1665	1669	1673	rBB2	1196	1823	0.27%	0.050%
15	12.747	1676	1686	1692	rBB	30501	50867	7.63%	1.396%
16	13.528	1813	1819	1827	rBB	11412	16462	2.47%	0.452%
17	13.728	1849	1853	1856	rBV	1471	2017	0.30%	0.055%
18	13.858	1872	1875	1876	rBV	1454	1734	0.26%	0.048%
19	14.016	1896	1902	1906	rBB2	3355	5630	0.84%	0.155%
20	14.075	1907	1912	1913	rBV	1968	2994	0.45%	0.082%
21	14.093	1913	1915	1920	rVB	2989	3491	0.52%	0.096%
22	14.257	1936	1943	1945	rBV	1022	1807	0.27%	0.050%
23	14.392	1961	1966	1968	rBV	3054	4552	0.68%	0.125%
24	14.416	1968	1970	1978	rVB3	3296	4649	0.70%	0.128%
25	14.692	2009	2017	2023	rBV2	187226	307400	46.10%	8.439%
26	14.756	2023	2028	2035	rVB	81159	124528	18.67%	3.419%
27	14.827	2035	2040	2046	rBV	17994	26812	4.02%	0.736%
28	14.962	2058	2063	2068	rBV3	2217	4451	0.67%	0.122%
29	15.091	2078	2085	2096	rBV2	39749	71930	10.79%	1.975%
30	15.685	2181	2186	2190	rBV	5287	7522	1.13%	0.207%
31	15.738	2190	2195	2202	rVB	42610	64371	9.65%	1.767%
32	15.867	2214	2217	2220	rBV2	1491	2025	0.30%	0.056%
33	15.902	2220	2223	2227	rVB2	1870	2074	0.31%	0.057%
34	15.955	2229	2232	2234	rBV	1253	1147	0.17%	0.031%

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35	15.996	2234	2239	2241	rVV	942	1556	0.23%	0.043%
36	16.031	2241	2245	2251	rVB2	1777	2519	0.38%	0.069%
37	16.178	2266	2270	2274	rBV	1998	3329	0.50%	0.091%
38	16.537	2324	2331	2334	rBV2	1515	2600	0.39%	0.071%
39	16.619	2339	2345	2350	rBB2	1953	3127	0.47%	0.086%
40	16.695	2353	2358	2362	rBV2	3079	4479	0.67%	0.123%
41	16.736	2362	2365	2370	rVB3	1127	1774	0.27%	0.049%
42	16.795	2370	2375	2377	rBV2	1064	1317	0.20%	0.036%
43	17.095	2422	2426	2431	rVB2	723	887	0.13%	0.024%
44	17.230	2444	2449	2451	rBV2	1847	3470	0.52%	0.095%
45	17.259	2451	2454	2462	rVV2	3021	4950	0.74%	0.136%
46	17.330	2462	2466	2470	rVB	758	1474	0.22%	0.040%
47	17.389	2472	2476	2479	rVV3	1543	2125	0.32%	0.058%
48	17.442	2479	2485	2489	rVV	270365	408612	61.27%	11.218%
49	17.483	2489	2492	2498	rVV	62659	89692	13.45%	2.462%
50	17.541	2498	2502	2506	rVV2	6229	10164	1.52%	0.279%
51	17.577	2506	2508	2513	rVB2	2439	2869	0.43%	0.079%
52	17.806	2544	2547	2548	rBV	1830	1597	0.24%	0.044%
53	17.847	2548	2554	2560	rVB	60699	89539	13.43%	2.458%
54	17.935	2565	2569	2576	rBV4	3998	7435	1.11%	0.204%
55	18.006	2576	2581	2589	rVB3	7562	11139	1.67%	0.306%
56	18.082	2589	2594	2596	rBV2	1441	2521	0.38%	0.069%
57	18.141	2601	2604	2607	rVV2	819	1086	0.16%	0.030%
58	18.188	2609	2612	2617	rVB	1180	1304	0.20%	0.036%
59	18.276	2623	2627	2631	rBV2	4304	5963	0.89%	0.164%
60	18.311	2631	2633	2637	rVB2	1011	903	0.14%	0.025%
61	18.364	2637	2642	2649	rBV2	7950	13228	1.98%	0.363%
62	18.435	2650	2654	2661	rVB	4603	6507	0.98%	0.179%
63	18.511	2663	2667	2676	rVB3	3092	4977	0.75%	0.137%
64	18.587	2676	2680	2682	rBV	2006	2698	0.40%	0.074%
65	18.658	2690	2692	2696	rVB	2502	2628	0.39%	0.072%
66	18.699	2696	2699	2702	rVB2	1036	1274	0.19%	0.035%
67	18.752	2702	2708	2713	rBV3	3191	5145	0.77%	0.141%
68	18.811	2713	2718	2723	rVB	1932	3049	0.46%	0.084%
69	18.858	2723	2726	2730	rBV4	1351	1797	0.27%	0.049%
70	19.122	2769	2771	2775	rVB3	1226	1201	0.18%	0.033%
71	19.175	2775	2780	2783	rBV	649	969	0.15%	0.027%

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72	19.492	2828	2834	2841	rBV	6051	9318	1.40%	0.256%
73	19.721	2870	2873	2878	rBV2	1874	1921	0.29%	0.053%
74	19.827	2881	2891	2894	rBV2	7248	13203	1.98%	0.362%
75	20.232	2955	2960	2964	rBV	3017	3460	0.52%	0.095%
76	20.303	2964	2972	2973	rBV2	886	1148	0.17%	0.032%
77	20.755	3047	3049	3052	rBV3	1115	1101	0.17%	0.030%
78	21.713	3205	3212	3222	rBV	333229	518535	77.76%	14.235%
79	21.936	3247	3250	3252	rVB3	815	958	0.14%	0.026%
80	21.966	3252	3255	3257	rBV3	851	1169	0.18%	0.032%
81	22.483	3341	3343	3348	rVB2	1361	1403	0.21%	0.039%
82	22.583	3354	3360	3361	rBV3	545	1064	0.16%	0.029%
83	23.058	3437	3441	3442	rVV3	865	1141	0.17%	0.031%
84	23.170	3458	3460	3462	rBV2	1599	1427	0.21%	0.039%
85	23.370	3491	3494	3496	rBV	1120	952	0.14%	0.026%
86	23.981	3594	3598	3605	rVB6	2772	5965	0.89%	0.164%
87	24.733	3721	3726	3736	rVB3	2857	7131	1.07%	0.196%
88	24.968	3752	3766	3780	rBV2	171096	492146	73.80%	13.511%
89	26.067	3948	3953	3961	rBV3	3671	8980	1.35%	0.247%
90	26.396	4007	4009	4013	rBV2	800	1038	0.16%	0.028%
91	26.625	4045	4048	4049	rBV2	1066	1019	0.15%	0.028%
92	27.424	4180	4184	4195	rVB9	3847	10997	1.65%	0.302%
93	29.051	4456	4461	4462	rBV4	1884	2845	0.43%	0.078%
94	30.133	4644	4645	4649	rBV3	806	948	0.14%	0.026%
95	31.026	4795	4797	4800	rBV3	1141	1493	0.22%	0.041%
96	31.713	4913	4914	4919	rVB	1028	999	0.15%	0.027%
97	31.878	4939	4942	4944	rBV2	726	944	0.14%	0.026%
98	31.972	4956	4958	4961	rBV2	658	948	0.14%	0.026%
99	32.230	5001	5002	5007	rVB3	1180	1000	0.15%	0.027%
100	32.571	5056	5060	5062	rBV2	661	894	0.13%	0.025%

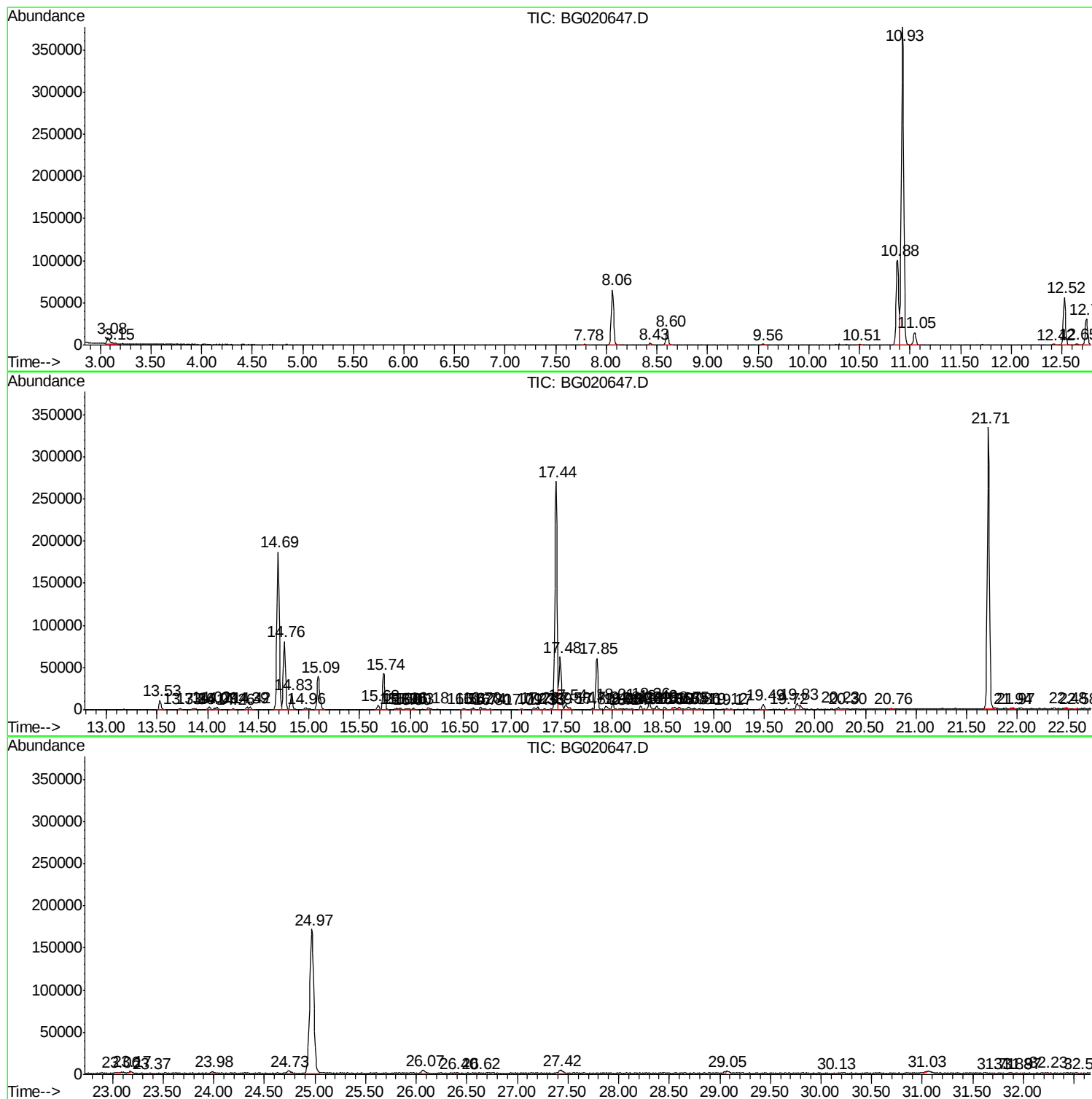
Sum of corrected areas: 3642579

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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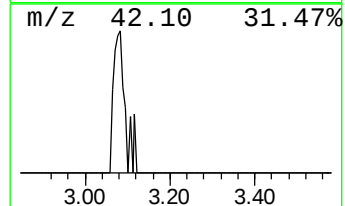
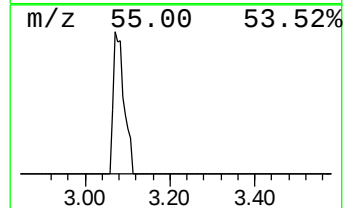
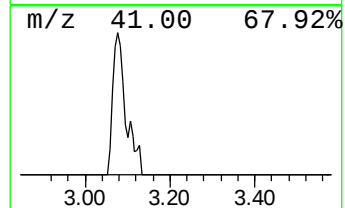
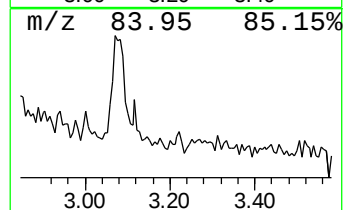
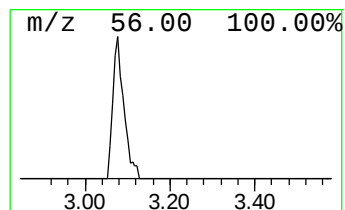
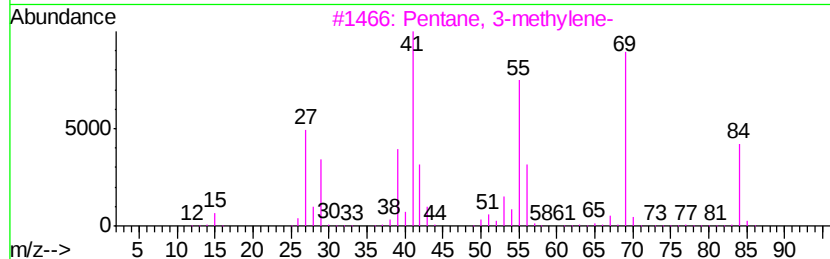
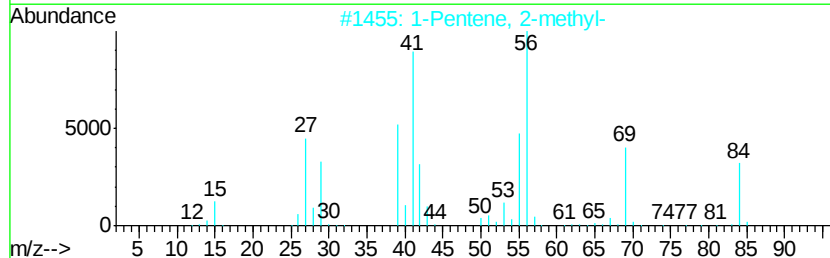
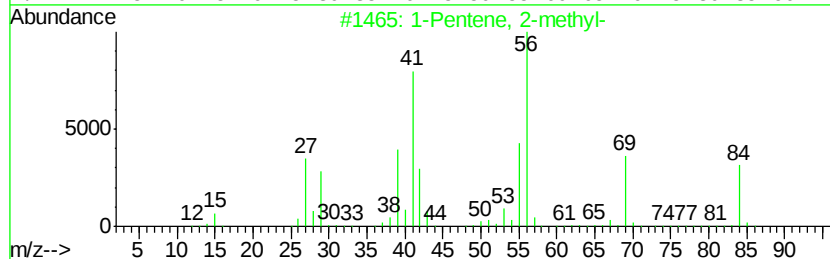
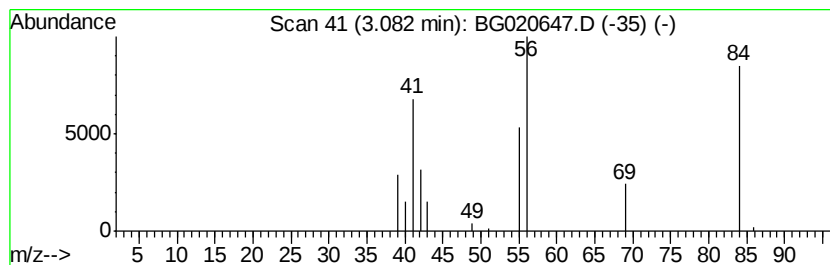
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	2.84 ng/ul	15572	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	53
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	38
3		Pentane, 3-methylene-	84	C6H12	000760-21-4	10
4		1-Butene	56	C4H8	000106-98-9	9
5		2-Pentene, 2-methyl-	84	C6H12	000625-27-4	9



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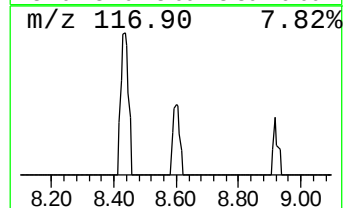
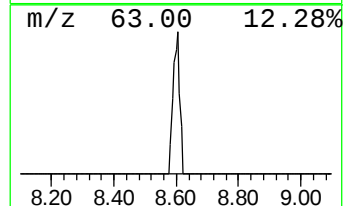
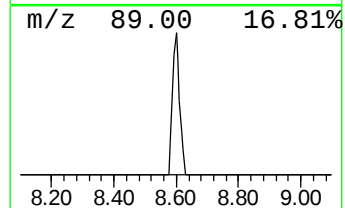
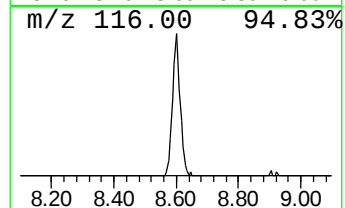
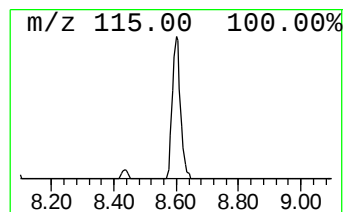
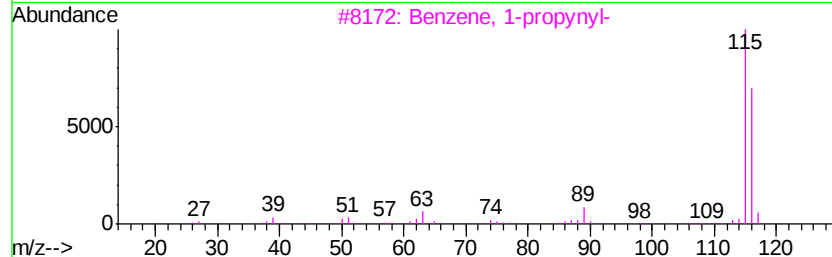
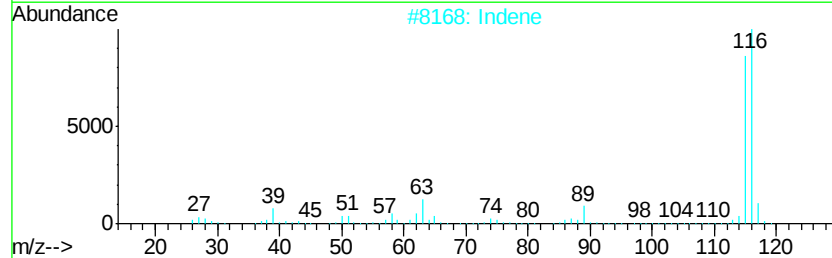
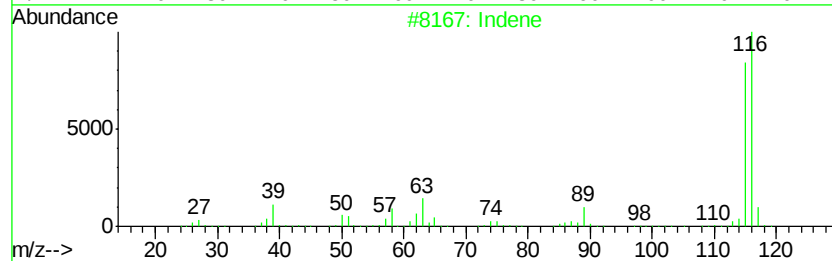
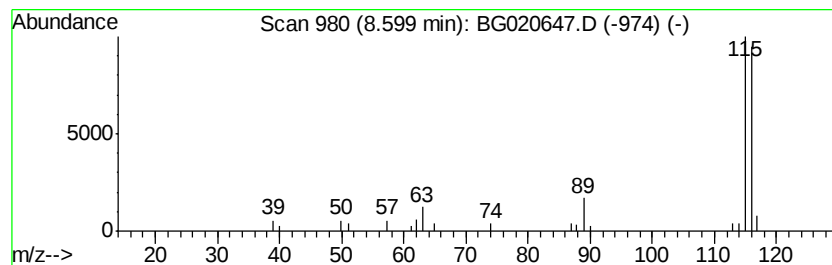
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	5.15 ng/ul	28217	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	91
2	Indene		116	C9H8	000095-13-6	91
3	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	Benzene,1-ethynyl-2-methyl-		116	C9H8	000766-47-2	91



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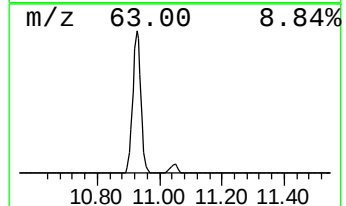
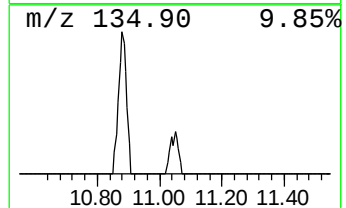
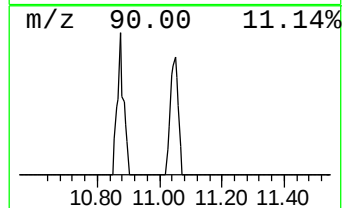
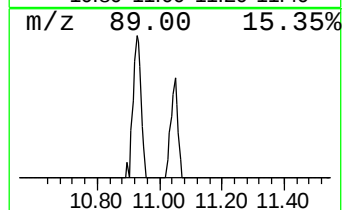
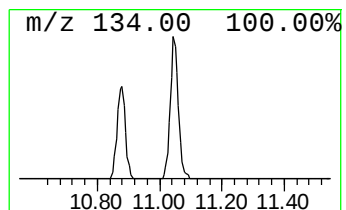
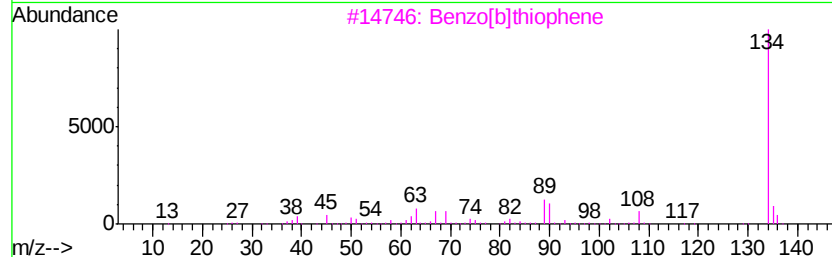
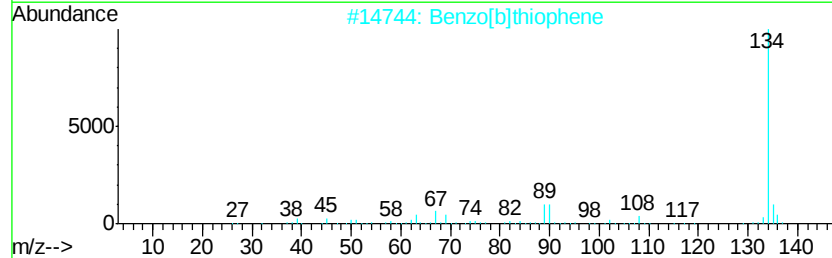
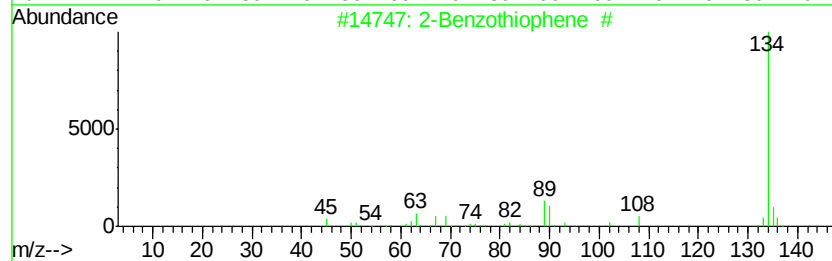
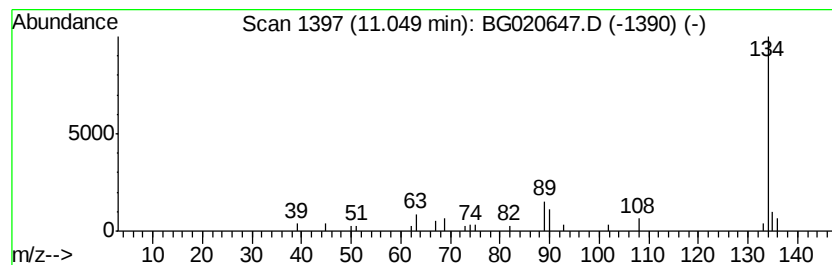
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Peak Number 3 2-Benzothiophene # Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.71 ng/ul	24871	Naphthalene-d8	10.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Benzothiophene #	134	C8H6S	000270-82-6	94
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020647.D
Acq On : 31 Dec 2015 18:34
Operator : UM/SJ
Sample : G4847-06DL 100X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N70DL

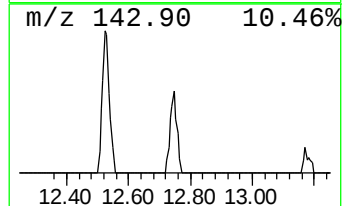
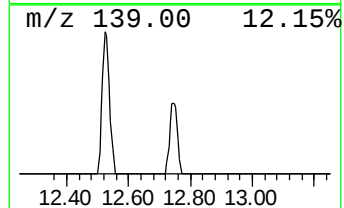
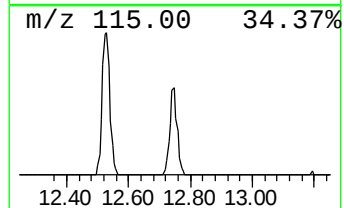
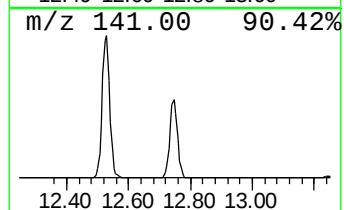
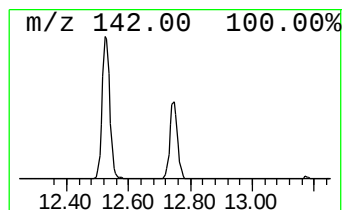
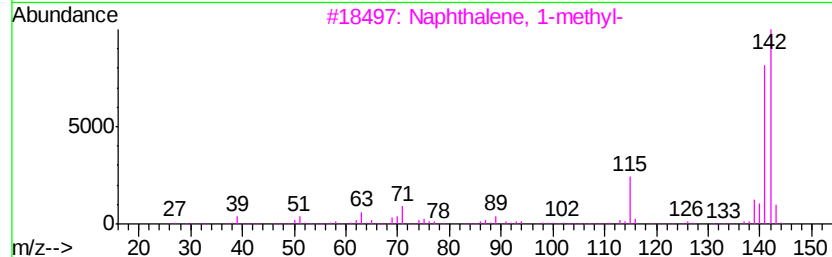
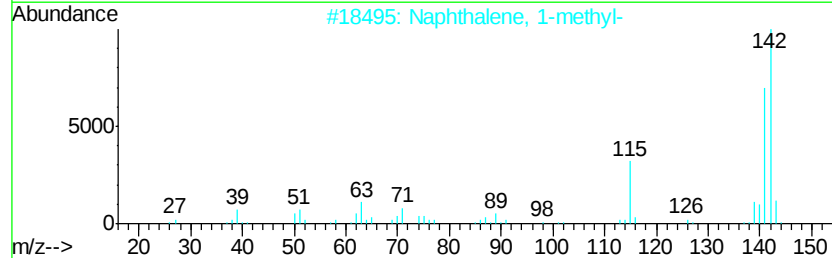
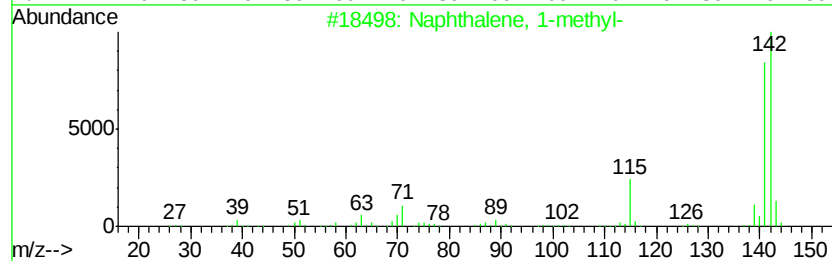
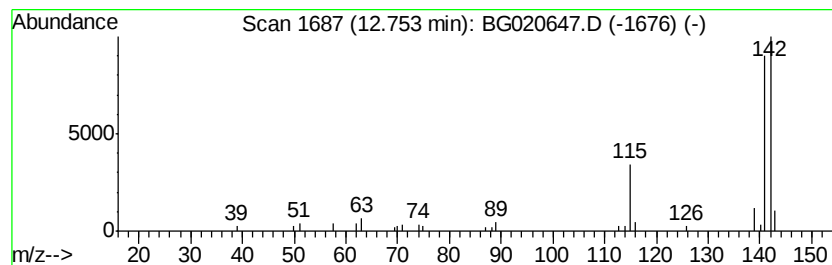
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	5.54 ng/ul	50867	Naphthalene-d8	10.88

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020647.D
Acq On : 31 Dec 2015 18:34
Operator : UM/SJ
Sample : G4847-06DL 100X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N70DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.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
(DEL) Alkane: Cyc...	3.08	2.8	ng/ul	15572	1	8.06	109488	20.0
Indene	8.60	5.2	ng/ul	28217	1	8.06	109488	20.0
2-Benzothiophene #	11.05	2.7	ng/ul	24871	2	10.88	183535	20.0
Naphthalene, 1-me...	12.75	5.5	ng/ul	50867	2	10.88	183535	20.0