

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020604.D
 Acq On : 30 Dec 2015 12:00
 Operator : UM/SJ
 Sample : G4846-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N52

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	3.075	35	40	49	rBV	35620	62102	5.40%	0.509%
2	3.151	49	53	63	rVB	28253	40590	3.53%	0.333%
3	6.688	651	655	659	rBB2	1476	1952	0.17%	0.016%
4	7.217	740	745	752	rBV	17603	30277	2.63%	0.248%
5	7.382	766	773	785	rBV	66130	112445	9.78%	0.921%
6	7.587	802	808	818	rBV	68974	117338	10.20%	0.962%
7	7.699	824	827	831	rBB3	1754	2431	0.21%	0.020%
8	8.063	882	889	895	rBV	62558	108786	9.46%	0.891%
9	8.110	895	897	902	rVB2	2373	2692	0.23%	0.022%
10	8.433	947	952	959	rBB	10602	17258	1.50%	0.141%
11	8.598	974	980	987	rBB	17734	29105	2.53%	0.239%
12	8.768	1003	1009	1021	rBV2	59728	104254	9.06%	0.854%
13	8.892	1026	1030	1034	rBB2	1375	1878	0.16%	0.015%
14	9.226	1081	1087	1097	rBV	89544	160822	13.98%	1.318%
15	9.955	1204	1211	1220	rBV	82232	145444	12.65%	1.192%
16	10.272	1259	1265	1276	rBB6	3716	9940	0.86%	0.081%
17	10.366	1277	1281	1291	rBB2	1968	4823	0.42%	0.040%
18	10.496	1296	1303	1314	rBV	114124	207574	18.05%	1.701%
19	10.877	1361	1368	1371	rBV	99936	181334	15.77%	1.486%
20	10.930	1371	1377	1386	rVV	654261	1150117	100.00%	9.425%
21	11.048	1390	1397	1405	rVB	16266	28103	2.44%	0.230%
22	12.188	1587	1591	1596	rBB2	3300	5020	0.44%	0.041%
23	12.429	1626	1632	1634	rBV	2441	4169	0.36%	0.034%
24	12.446	1634	1635	1641	rVV	1849	2424	0.21%	0.020%
25	12.528	1641	1649	1661	rVB	203349	334018	29.04%	2.737%
26	12.646	1663	1669	1674	rBB	4156	6745	0.59%	0.055%
27	12.746	1675	1686	1696	rBV	121794	205506	17.87%	1.684%
28	13.527	1813	1819	1829	rBB	66860	100502	8.74%	0.824%
29	13.727	1846	1853	1861	rBB	12367	21813	1.90%	0.179%
30	13.868	1870	1877	1883	rBB3	12641	30875	2.68%	0.253%
31	14.015	1894	1902	1907	rBV	27650	46422	4.04%	0.380%
32	14.097	1907	1916	1924	rVV	287137	446543	38.83%	3.659%
33	14.250	1938	1942	1946	rBV2	11445	16647	1.45%	0.136%
34	14.285	1946	1948	1953	rVB	3346	3774	0.33%	0.031%

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 Title : SVOA CALIBRATION

35	14.391	1959	1966	1978	rVB	312840	525570	45.70%	4.307%
36	14.697	2007	2018	2023	rBV2	196493	327098	28.44%	2.680%
37	14.761	2023	2029	2036	rVV	407203	620086	53.92%	5.081%
38	14.832	2036	2041	2048	rVV	7784	12470	1.08%	0.102%
39	14.902	2048	2053	2060	rVV2	18133	31996	2.78%	0.262%
40	15.002	2064	2070	2075	rVV	7257	9928	0.86%	0.081%
41	15.090	2079	2085	2094	rVV	190807	295810	25.72%	2.424%
42	15.167	2094	2098	2101	rVB	2104	3045	0.26%	0.025%
43	15.296	2116	2120	2128	rBV3	2306	4286	0.37%	0.035%
44	15.372	2128	2133	2134	rBV2	1341	2001	0.17%	0.016%
45	15.478	2144	2151	2155	rBV3	1282	2717	0.24%	0.022%
46	15.560	2160	2165	2171	rBB	1684	2453	0.21%	0.020%
47	15.684	2175	2186	2191	rBV	424791	663856	57.72%	5.440%
48	15.742	2191	2196	2202	rVV	244651	365100	31.74%	2.992%
49	15.807	2202	2207	2214	rVV	138861	207060	18.00%	1.697%
50	15.866	2214	2217	2220	rVV2	9926	14916	1.30%	0.122%
51	15.901	2220	2223	2229	rVV4	14144	24870	2.16%	0.204%
52	15.948	2229	2231	2235	rVV2	3183	4743	0.41%	0.039%
53	15.989	2235	2238	2242	rVV2	5576	8233	0.72%	0.067%
54	16.030	2242	2245	2251	rVB	11467	15641	1.36%	0.128%
55	16.177	2259	2270	2278	rBV2	11433	25992	2.26%	0.213%
56	16.271	2283	2286	2291	rVB2	1866	2746	0.24%	0.023%
57	16.536	2324	2331	2336	rBV3	8186	12298	1.07%	0.101%
58	16.741	2359	2366	2370	rVV4	6032	11685	1.02%	0.096%
59	16.788	2370	2374	2379	rVB3	2531	3793	0.33%	0.031%
60	16.894	2388	2392	2395	rBV2	3186	4123	0.36%	0.034%
61	16.923	2395	2397	2403	rVB2	1712	1782	0.15%	0.015%
62	17.094	2422	2426	2432	rBV4	2988	5417	0.47%	0.044%
63	17.258	2446	2454	2464	rVB	28425	42312	3.68%	0.347%
64	17.440	2479	2485	2489	rVV	286955	445595	38.74%	3.652%
65	17.482	2489	2492	2497	rVV	392446	577037	50.17%	4.729%
66	17.540	2497	2502	2514	rVV	526987	793816	69.02%	6.505%
67	17.846	2547	2554	2562	rBV	21231	31756	2.76%	0.260%
68	18.093	2593	2596	2600	rBV2	1877	2018	0.18%	0.017%
69	18.316	2630	2634	2638	rVV2	6351	9526	0.83%	0.078%
70	18.363	2638	2642	2652	rVV2	9002	16479	1.43%	0.135%
71	18.516	2660	2668	2678	rBV2	21971	39969	3.48%	0.328%

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72	18.615	2681	2685	2688	rBV2	2546	3688	0.32%	0.030%
73	18.662	2688	2693	2699	rVB	4112	5999	0.52%	0.049%
74	18.751	2704	2708	2714	rVV2	1882	3417	0.30%	0.028%
75	18.809	2714	2718	2722	rVV2	2373	3563	0.31%	0.029%
76	18.856	2722	2726	2733	rVB2	4490	6450	0.56%	0.053%
77	19.491	2829	2834	2841	rVB	43411	63504	5.52%	0.520%
78	19.714	2868	2872	2881	rVB2	4785	8809	0.77%	0.072%
79	19.826	2884	2891	2905	rBV	672570	1003657	87.27%	8.225%
80	20.231	2954	2960	2965	rBV	4900	8093	0.70%	0.066%
81	20.713	3037	3042	3048	rBV3	9499	14357	1.25%	0.118%
82	21.330	3143	3147	3150	rBV4	2118	2584	0.22%	0.021%
83	21.430	3159	3164	3168	rVB4	1846	3600	0.31%	0.030%
84	21.583	3182	3190	3194	rBV7	2256	4128	0.36%	0.034%
85	21.712	3205	3212	3223	rBV	340817	548856	47.72%	4.498%
86	21.882	3237	3241	3245	rVB4	1885	2389	0.21%	0.020%
87	22.487	3339	3344	3349	rVB5	2843	4563	0.40%	0.037%
88	23.175	3457	3461	3468	rVB2	6335	10804	0.94%	0.089%
89	23.375	3490	3495	3499	rBV4	1971	3168	0.28%	0.026%
90	23.821	3566	3571	3572	rBV3	3960	5166	0.45%	0.042%
91	23.980	3592	3598	3605	rVV5	6886	14698	1.28%	0.120%
92	24.608	3699	3705	3707	rVB6	1025	1865	0.16%	0.015%
93	24.744	3716	3728	3742	rVB	346569	963435	83.77%	7.895%
94	24.967	3753	3766	3778	rVB2	184158	535845	46.59%	4.391%
95	26.060	3944	3952	3960	rBV7	8886	23981	2.09%	0.197%
96	27.435	4174	4186	4196	rVB5	9218	31005	2.70%	0.254%
97	29.021	4452	4456	4457	rBV3	1588	1969	0.17%	0.016%
98	29.044	4457	4460	4461	rBV3	4186	5287	0.46%	0.043%
99	31.013	4792	4795	4796	rVV3	1830	2090	0.18%	0.017%
100	31.048	4796	4801	4802	rVV4	2826	3986	0.35%	0.033%

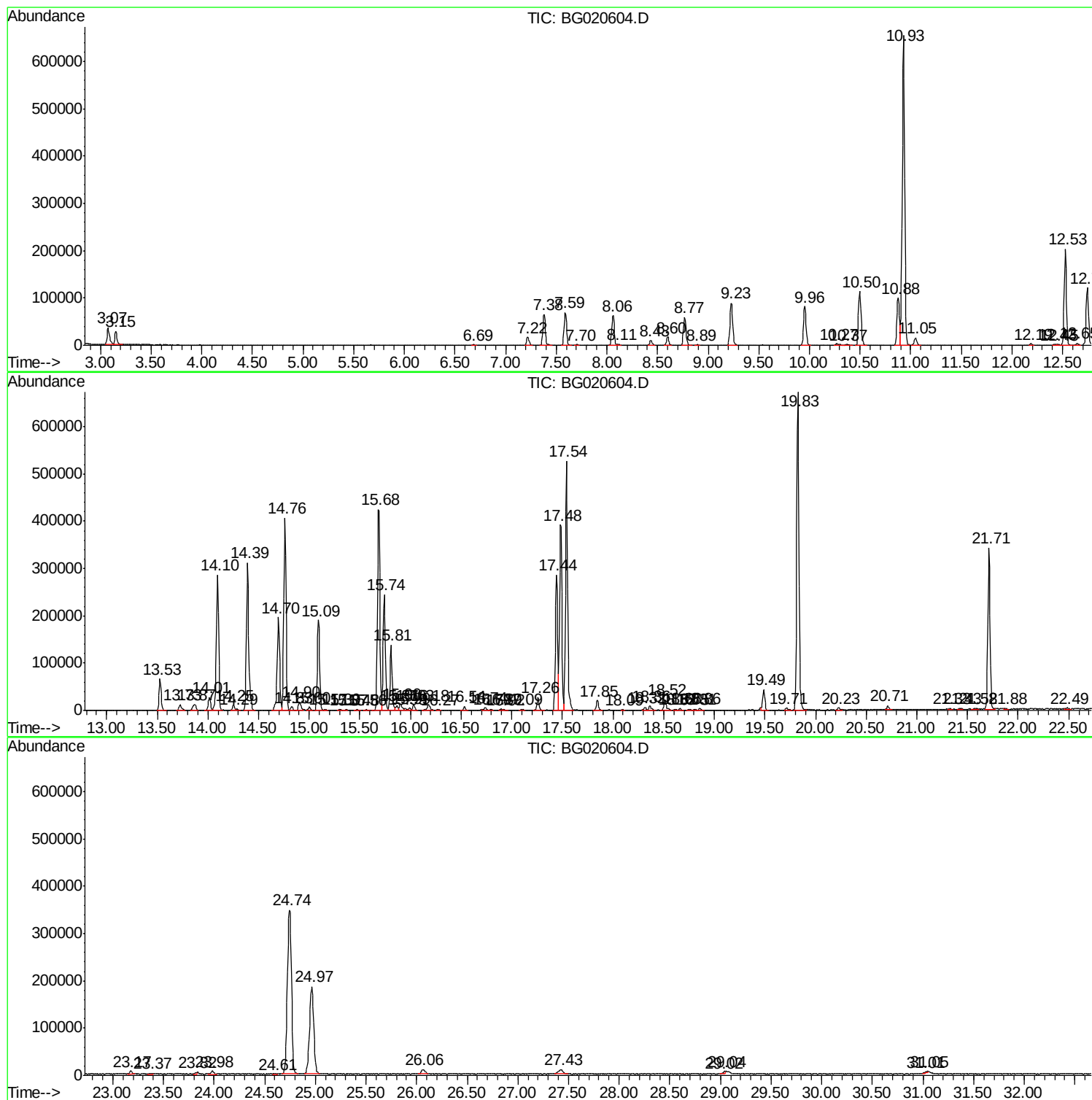
Sum of corrected areas: 12202902

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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



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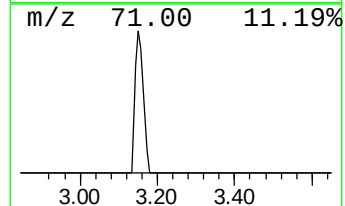
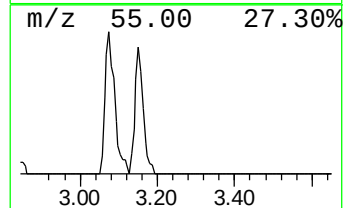
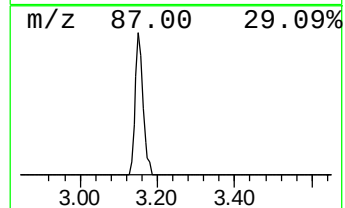
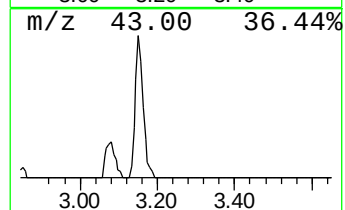
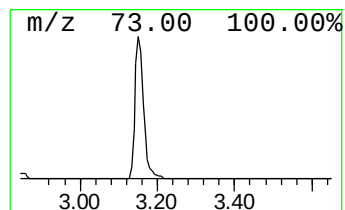
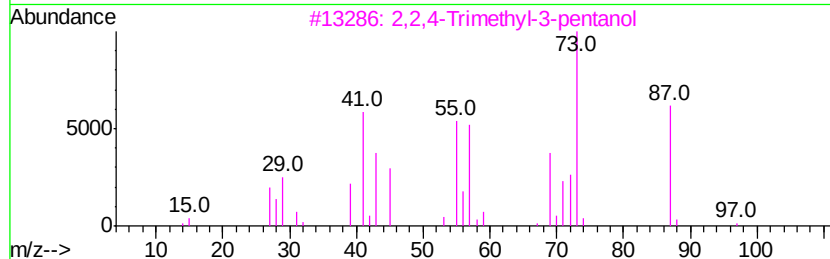
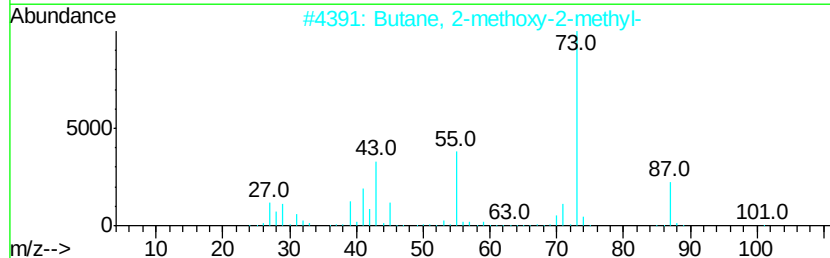
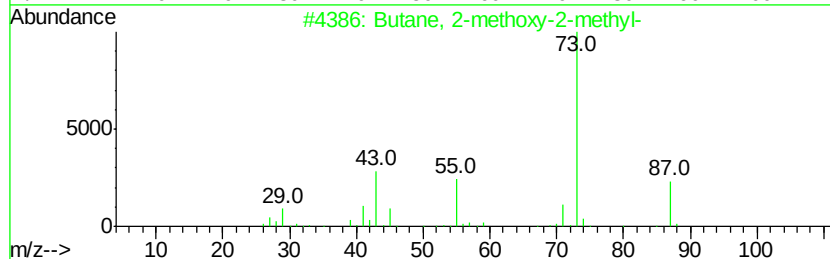
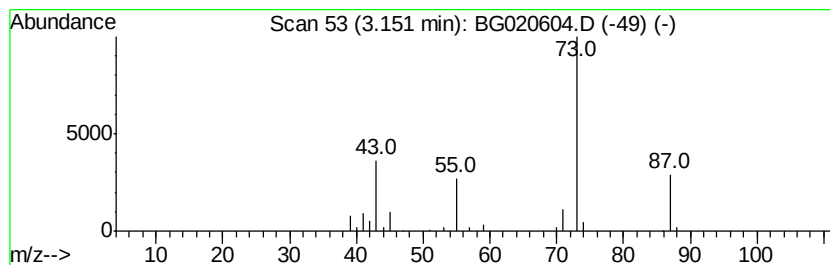
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	7.46 ng/ul	40590	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16



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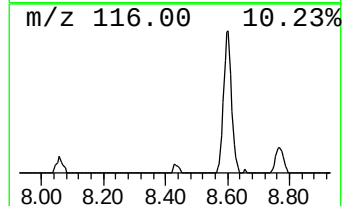
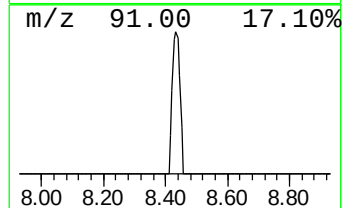
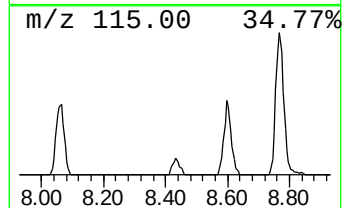
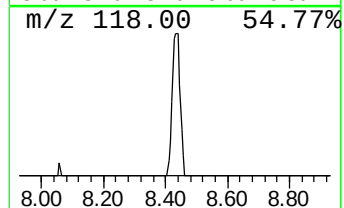
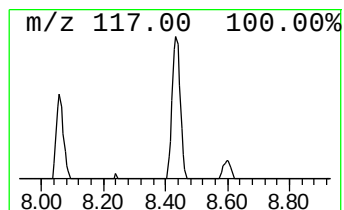
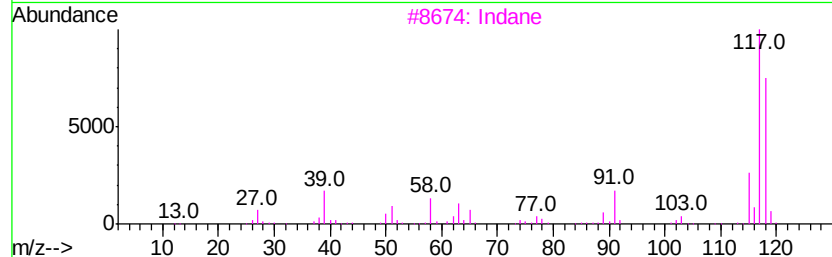
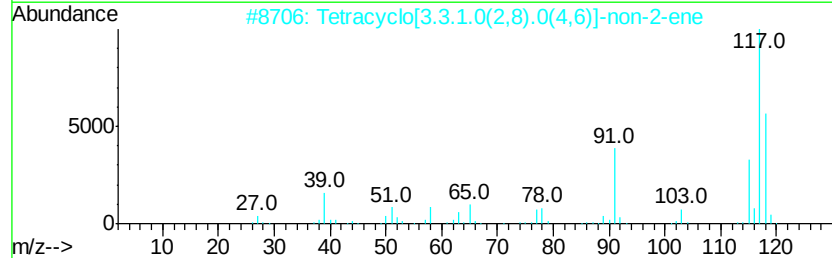
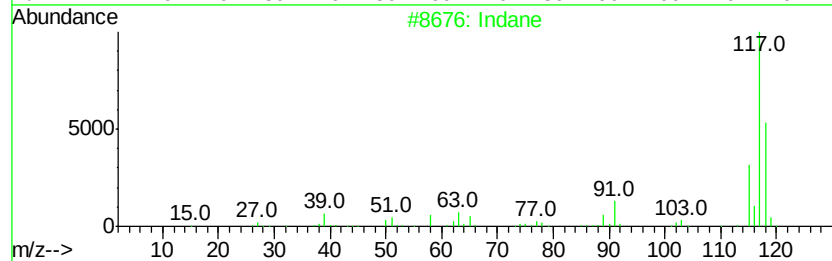
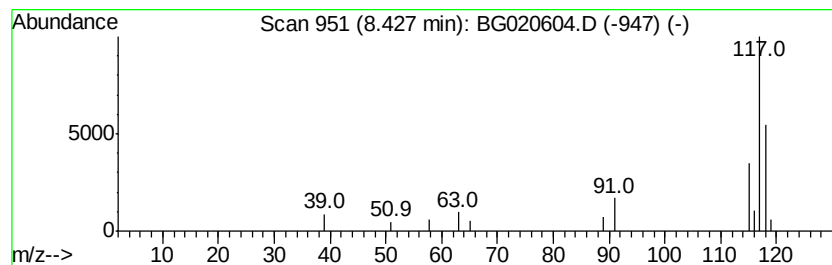
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	3.17 ng/ul	17258	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	68
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	64
3		Indane	118	C9H10	000496-11-7	64
4		1,4:5,8-Dimethanobiphenylene, 1,	184	C14H16	001624-13-1	59
5		Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	59



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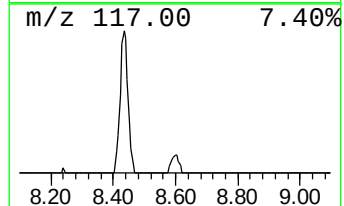
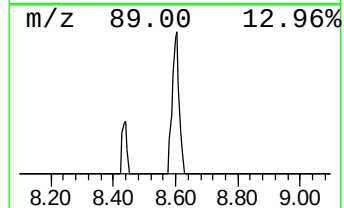
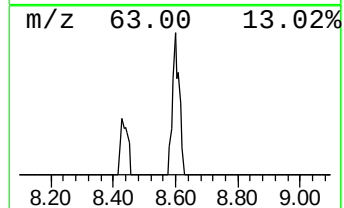
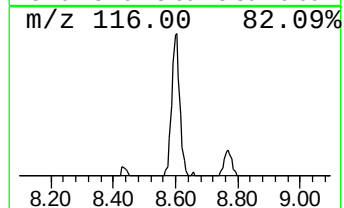
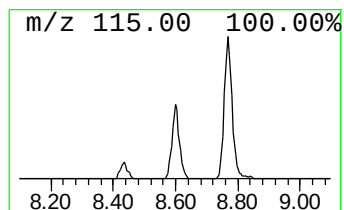
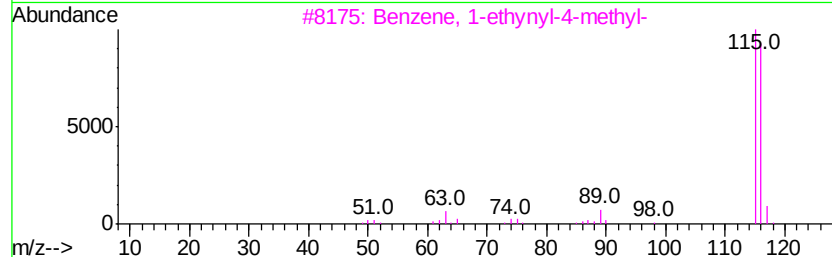
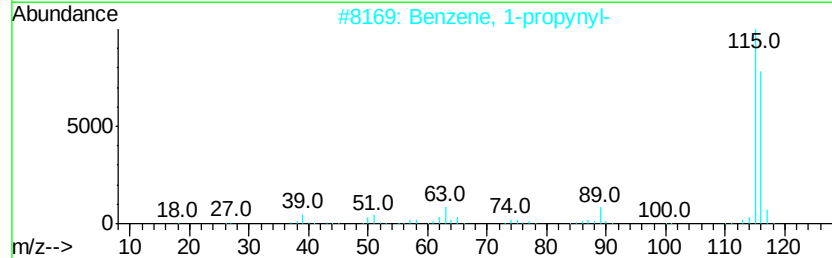
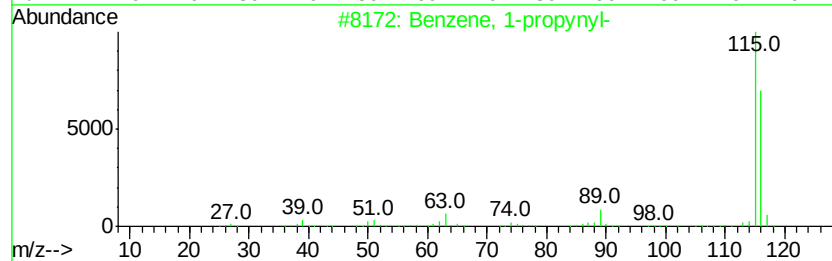
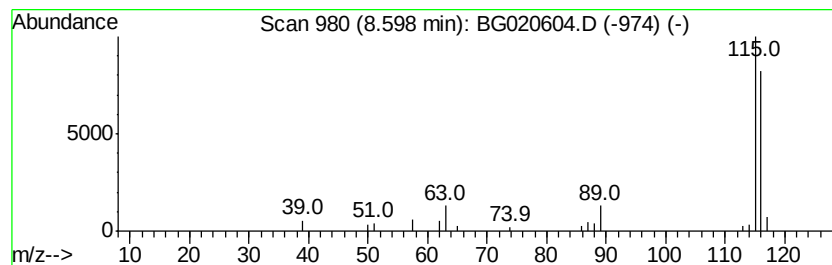
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Benzene, 1-propynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	5.35 ng/ul	29105	1,4-Dichlorobenzene-d4	8.06

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020604.D
Acq On : 30 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N52

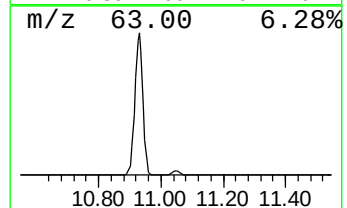
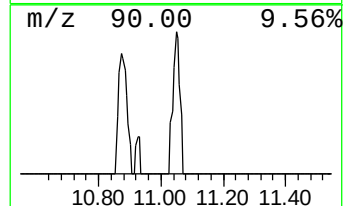
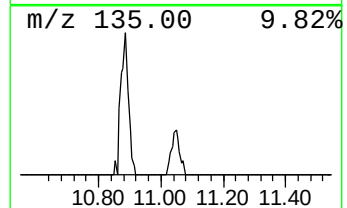
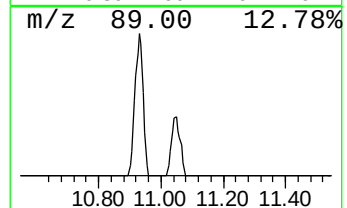
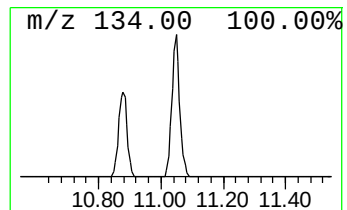
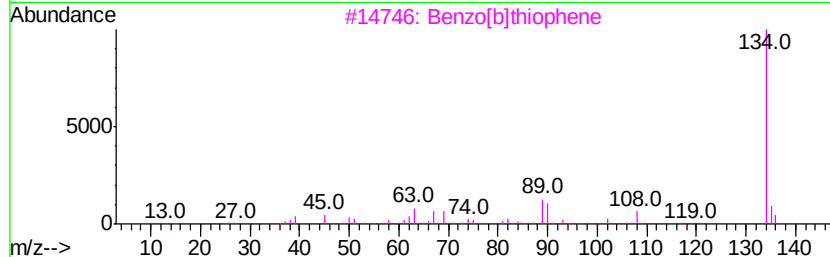
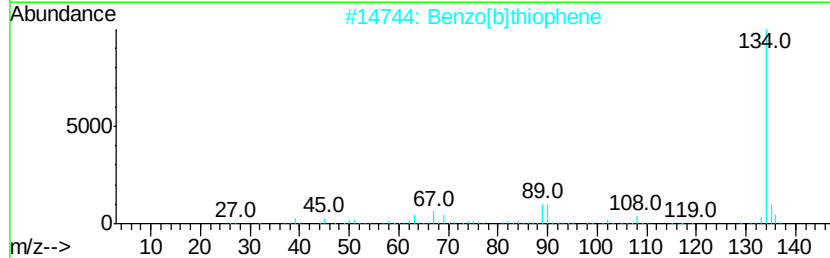
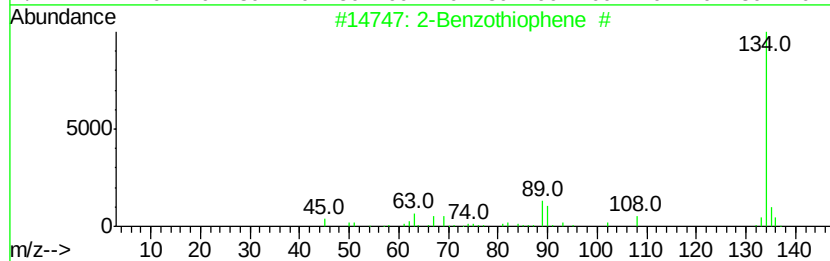
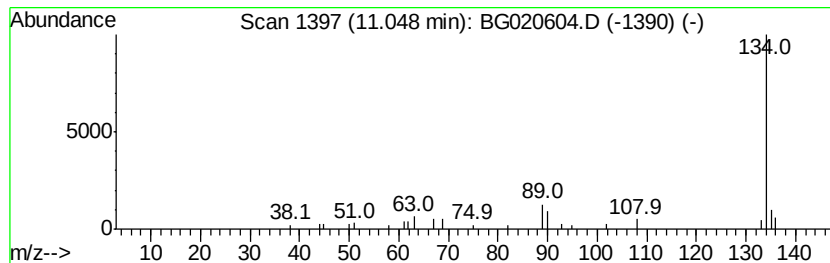
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2-Benzothiophene # Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	3.10 ng/ul	28103	Napthalene-d8	10.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020604.D
Acq On : 30 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N52

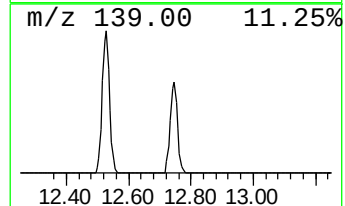
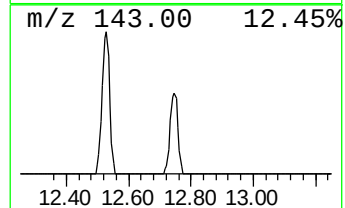
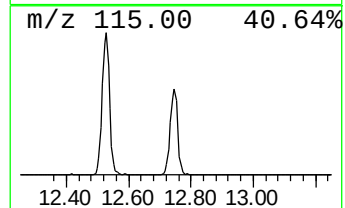
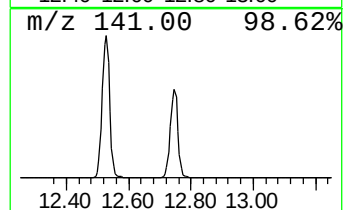
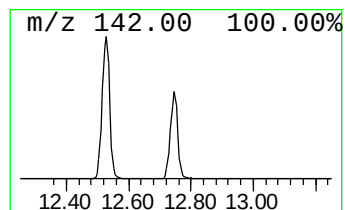
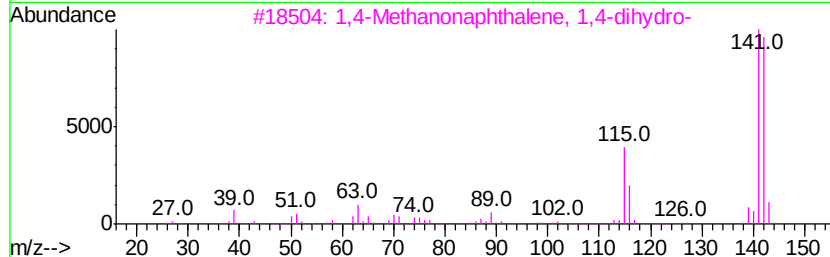
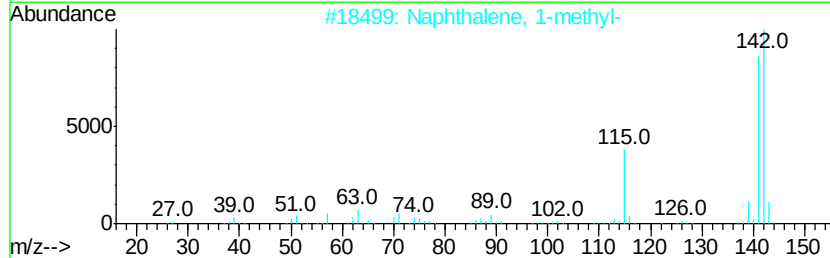
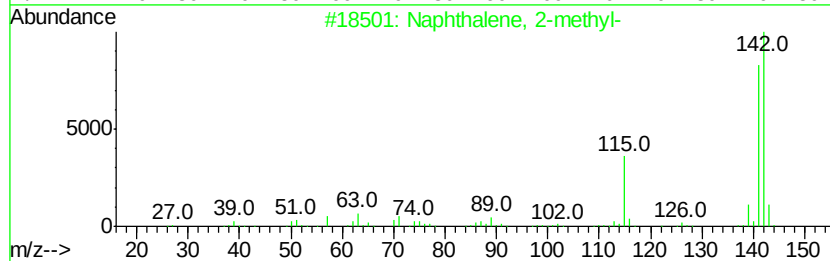
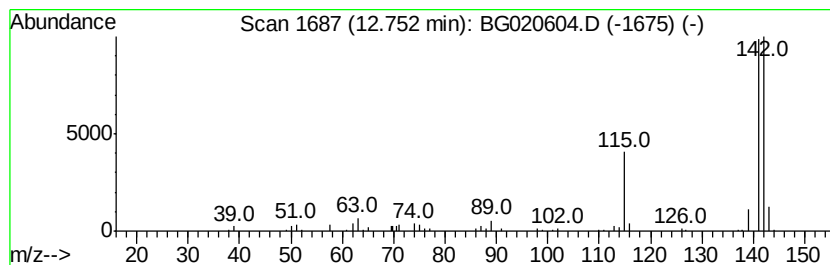
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	22.67 ng/ul	205506	Naphthalene-d8	10.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020604.D
Acq On : 30 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N52

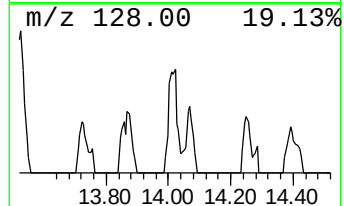
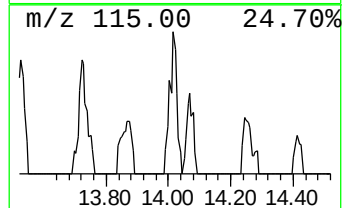
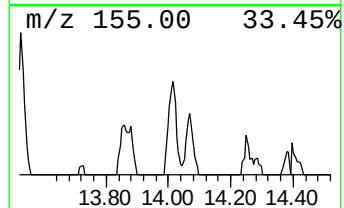
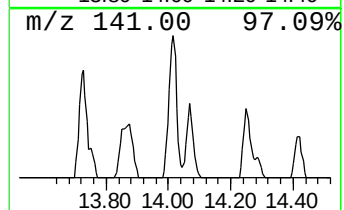
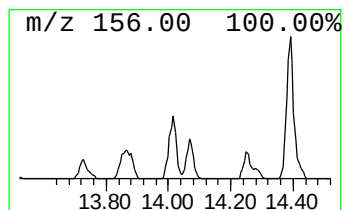
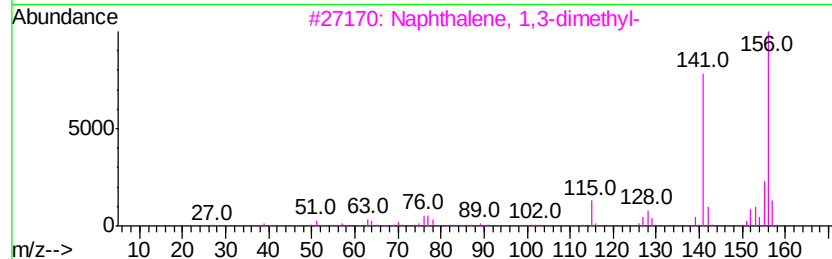
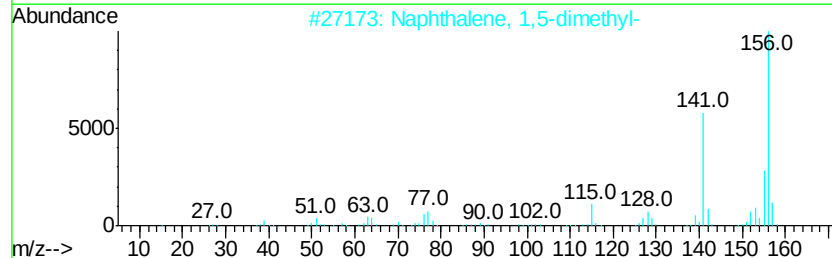
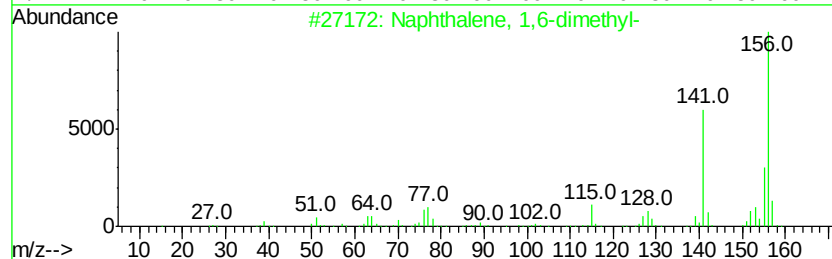
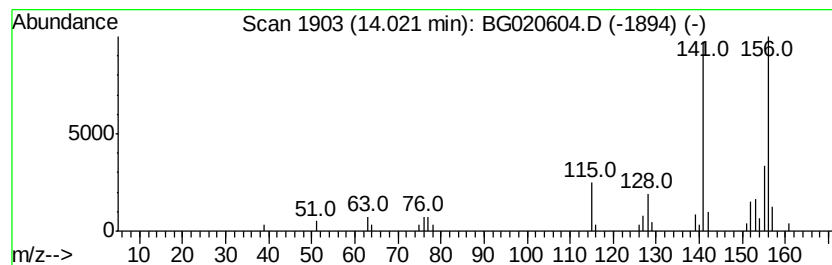
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.84 ng/ul	46422	Acenaphthene-d10	14.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020604.D
Acq On : 30 Dec 2015 12:00
Operator : UM/SJ
Sample : G4846-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N52

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
Butane, 2-methoxy...	3.15	7.5	ng/ul	40590	1	8.06	108786	20.0
Indane	8.43	3.2	ng/ul	17258	1	8.06	108786	20.0
Benzene, 1-propynyl-	8.60	5.3	ng/ul	29105	1	8.06	108786	20.0
2-Benzothiophene #	11.05	3.1	ng/ul	28103	2	10.88	181334	20.0
Naphthalene, 1-me...	12.75	22.7	ng/ul	205506	2	10.88	181334	20.0
Naphthalene, 1,6-...	14.02	2.8	ng/ul	46422	3	14.70	327098	20.0