

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
 Data File : BG018901.D
 Acq On : 26 Sep 2015 5:40
 Operator : UM/NP
 Sample : G3800-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C03F9

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-BG091015.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	3.096	40	44	52	rVB	68557	106566	8.75%	0.767%
2	3.166	52	56	70	rVB	189774	276606	22.70%	1.991%
3	3.689	143	145	147	rBV2	2309	1768	0.15%	0.013%
4	4.024	200	202	205	rVB4	2283	2035	0.17%	0.015%
5	4.094	212	214	216	rBV3	1828	1826	0.15%	0.013%
6	4.171	224	227	228	rBV2	3338	2411	0.20%	0.017%
7	4.324	251	253	256	rBV2	2502	1927	0.16%	0.014%
8	4.382	261	263	267	rVB3	2221	2397	0.20%	0.017%
9	4.617	299	303	309	rBV5	8202	14606	1.20%	0.105%
10	4.764	325	328	332	rBV3	1455	2567	0.21%	0.018%
11	5.064	374	379	382	rBV3	1742	2733	0.22%	0.020%
12	5.428	437	441	446	rVV4	2114	3183	0.26%	0.023%
13	5.540	457	460	462	rBV3	1309	1682	0.14%	0.012%
14	5.787	499	502	506	rVV4	1375	1985	0.16%	0.014%
15	7.156	729	735	744	rBV	37901	62827	5.16%	0.452%
16	7.314	755	762	772	rBV	136120	226263	18.57%	1.629%
17	7.526	791	798	809	rVB	134620	231305	18.98%	1.665%
18	7.990	870	877	886	rVV	138148	228369	18.74%	1.644%
19	8.078	890	892	896	rVV4	2050	2223	0.18%	0.016%
20	8.695	989	997	1006	rBV	125603	216892	17.80%	1.561%
21	9.094	1058	1065	1067	rVV3	1916	4163	0.34%	0.030%
22	9.147	1067	1074	1084	rVB	158522	270218	22.18%	1.945%
23	9.318	1099	1103	1106	rBV3	1135	1937	0.16%	0.014%
24	9.377	1110	1113	1118	rVB3	2482	3795	0.31%	0.027%
25	9.565	1140	1145	1149	rBV	10528	15366	1.26%	0.111%
26	9.735	1171	1174	1178	rVV3	1630	2109	0.17%	0.015%
27	9.788	1178	1183	1185	rVB3	1443	2146	0.18%	0.015%
28	9.870	1190	1197	1207	rBV	130724	238236	19.55%	1.715%
29	10.411	1282	1289	1300	rVV	232814	420521	34.51%	3.027%
30	10.793	1345	1354	1361	rBV	212571	384118	31.52%	2.765%
31	10.928	1371	1377	1384	rBV2	15270	28980	2.38%	0.209%
32	11.809	1525	1527	1531	rBV3	1437	1995	0.16%	0.014%
33	12.120	1577	1580	1585	rVB3	3633	5145	0.42%	0.037%
34	12.555	1651	1654	1657	rBV2	1242	1848	0.15%	0.013%

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35	12.673	1668	1674	1679	rVB5	1586	3932	0.32%	0.028%
36	12.955	1720	1722	1727	rBV4	2924	3659	0.30%	0.026%
37	13.137	1749	1753	1757	rBV4	1814	2422	0.20%	0.017%
38	13.184	1760	1761	1764	rBV2	1845	2377	0.20%	0.017%
39	13.207	1764	1765	1766	rVV	2722	1780	0.15%	0.013%
40	13.243	1767	1771	1776	rVB4	6760	11349	0.93%	0.082%
41	13.301	1780	1781	1786	rVB4	1069	1711	0.14%	0.012%
42	13.360	1786	1791	1794	rBV3	1872	2208	0.18%	0.016%
43	13.395	1794	1797	1799	rBV2	2033	1676	0.14%	0.012%
44	13.442	1804	1805	1807	rBV2	2578	2131	0.17%	0.015%
45	13.513	1815	1817	1819	rVB3	2045	1685	0.14%	0.012%
46	13.548	1822	1823	1825	rVB2	3160	1834	0.15%	0.013%
47	13.572	1825	1827	1828	rBV	3007	2478	0.20%	0.018%
48	13.718	1849	1852	1854	rVB3	1457	1768	0.15%	0.013%
49	13.871	1874	1878	1879	rVB4	2561	1907	0.16%	0.014%
50	13.912	1884	1885	1889	rVB4	3111	3144	0.26%	0.023%
51	13.954	1889	1892	1893	rBV	2958	2505	0.21%	0.018%
52	14.012	1895	1902	1909	rVV	538949	777137	63.78%	5.593%
53	14.089	1913	1915	1918	rBV4	1857	1971	0.16%	0.014%
54	14.142	1921	1924	1926	rVV4	1864	1795	0.15%	0.013%
55	14.206	1932	1935	1938	rBV3	2103	3062	0.25%	0.022%
56	14.259	1940	1944	1946	rVV3	11223	15152	1.24%	0.109%
57	14.306	1946	1952	1960	rVB	487083	764078	62.70%	5.499%
58	14.418	1965	1971	1975	rBV7	7642	15360	1.26%	0.111%
59	14.476	1978	1981	1984	rBV5	2726	3458	0.28%	0.025%
60	14.535	1988	1991	1995	rVB6	3182	3411	0.28%	0.025%
61	14.612	1998	2004	2013	rVB2	394507	636256	52.21%	4.579%
62	14.688	2013	2017	2018	rVB4	1983	2102	0.17%	0.015%
63	14.782	2030	2033	2034	rBV2	3475	2577	0.21%	0.019%
64	14.811	2034	2038	2047	rBV	45756	89242	7.32%	0.642%
65	14.917	2054	2056	2058	rBV3	2810	2122	0.17%	0.015%
66	14.982	2065	2067	2070	rVB4	2574	1749	0.14%	0.013%
67	15.029	2072	2075	2076	rBV3	3570	3713	0.30%	0.027%
68	15.129	2089	2092	2096	rVB6	3313	4856	0.40%	0.035%
69	15.181	2099	2101	2103	rVB3	2457	1954	0.16%	0.014%
70	15.211	2105	2106	2109	rBV3	3236	2840	0.23%	0.020%
71	15.252	2109	2113	2116	rBV5	5791	8227	0.68%	0.059%

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72	15.340	2123	2128	2130	rBV6	5234	7924	0.65%	0.057%
73	15.387	2134	2136	2138	rBV3	2452	2393	0.20%	0.017%
74	15.411	2138	2140	2142	rBV3	3356	3314	0.27%	0.024%
75	15.599	2165	2172	2179	rBV	583443	903057	74.11%	6.500%
76	15.716	2186	2192	2201	rBV	204738	314064	25.77%	2.260%
77	15.857	2209	2216	2221	rVB3	50298	79714	6.54%	0.574%
78	16.104	2252	2258	2261	rBV6	14242	25008	2.05%	0.180%
79	16.245	2280	2282	2284	rBV3	3626	3811	0.31%	0.027%
80	16.286	2287	2289	2290	rBV2	3877	3332	0.27%	0.024%
81	16.333	2295	2297	2300	rVV4	3498	4076	0.33%	0.029%
82	16.750	2366	2368	2370	rBV3	4830	3151	0.26%	0.023%
83	17.355	2464	2471	2479	rVB	569139	881002	72.30%	6.341%
84	17.449	2481	2487	2496	rBV2	333595	524997	43.08%	3.779%
85	17.837	2550	2553	2559	rVB5	17650	25799	2.12%	0.186%
86	18.243	2617	2622	2633	rBV	194827	357053	29.30%	2.570%
87	19.512	2833	2838	2849	rBV	727716	1128659	92.62%	8.123%
88	19.735	2871	2876	2880	rBV2	771295	1070387	87.84%	7.704%
89	19.776	2880	2883	2891	rVB	93424	133699	10.97%	0.962%
90	21.603	3188	3194	3201	rVB2	693817	1123050	92.16%	8.083%
91	24.559	3688	3697	3710	rVB	330088	883952	72.54%	6.362%
92	24.776	3724	3734	3749	rVB2	445715	1218553	100.00%	8.770%
93	25.787	3904	3906	3907	rBV2	6754	4377	0.36%	0.032%
94	27.514	4198	4200	4201	rVB2	6116	2539	0.21%	0.018%
95	30.264	4666	4668	4672	rBV5	5334	4882	0.40%	0.035%
96	30.793	4757	4758	4760	rVB2	8633	3724	0.31%	0.027%
97	31.098	4808	4810	4811	rBV2	4388	3230	0.27%	0.023%
98	31.239	4832	4834	4837	rBV4	4099	3651	0.30%	0.026%
99	31.838	4934	4936	4937	rBV2	4699	3765	0.31%	0.027%
100	32.085	4975	4978	4981	rBV4	6340	10350	0.85%	0.074%

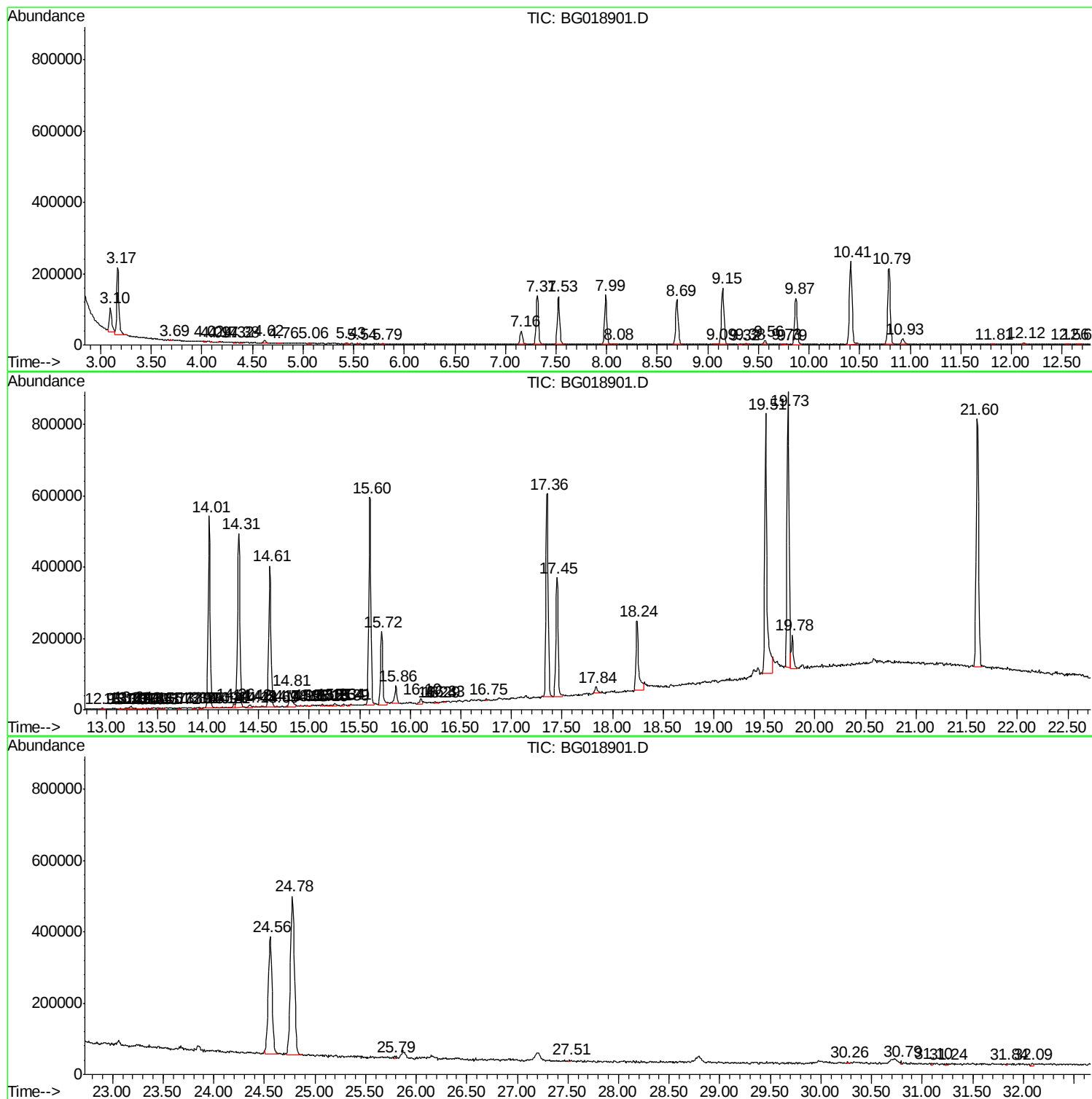
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



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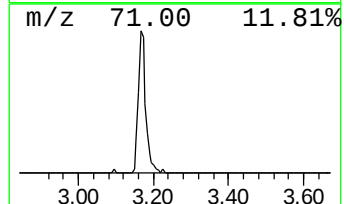
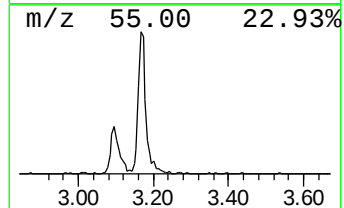
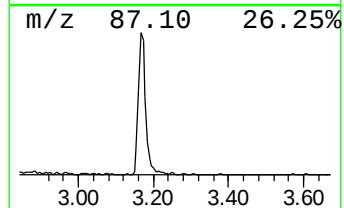
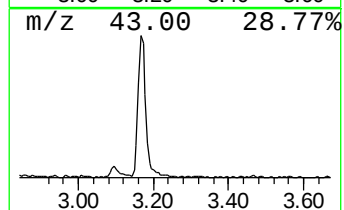
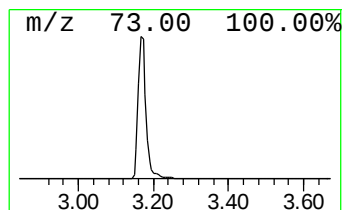
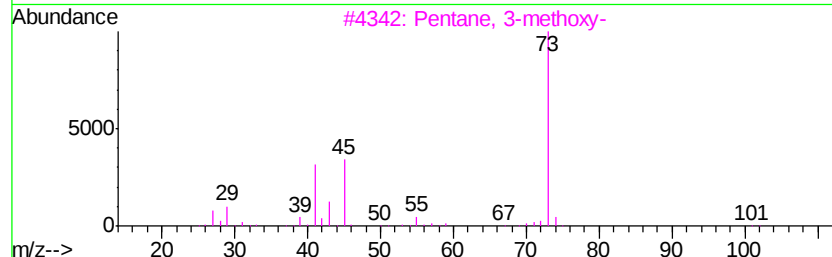
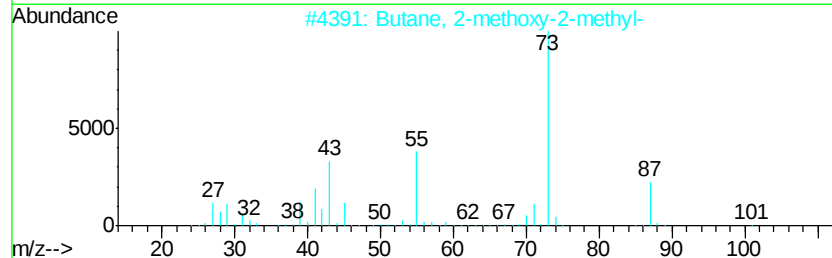
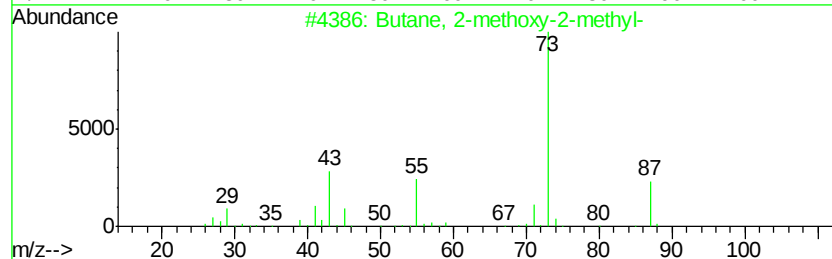
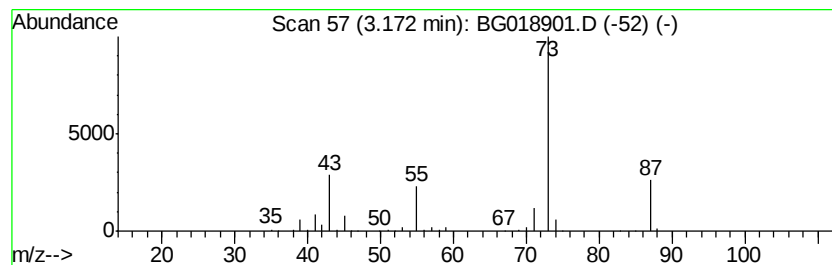
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	24.22 ng/ul	276606	1,4-Dichlorobenzene-d4	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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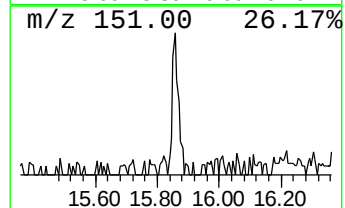
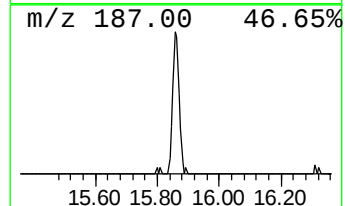
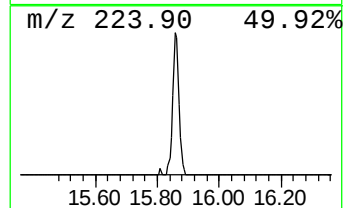
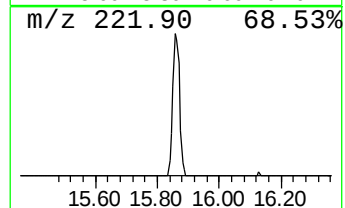
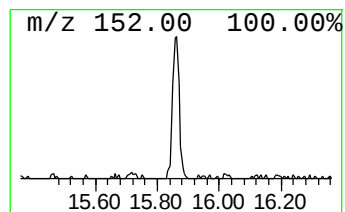
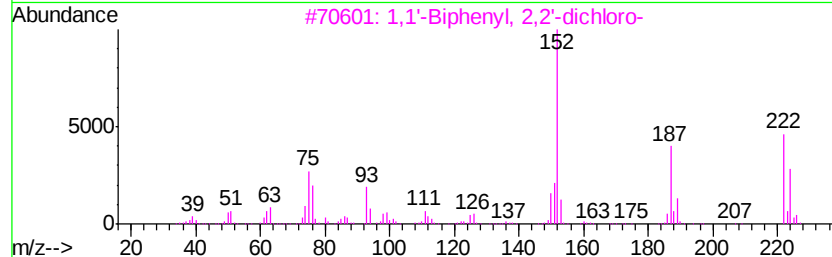
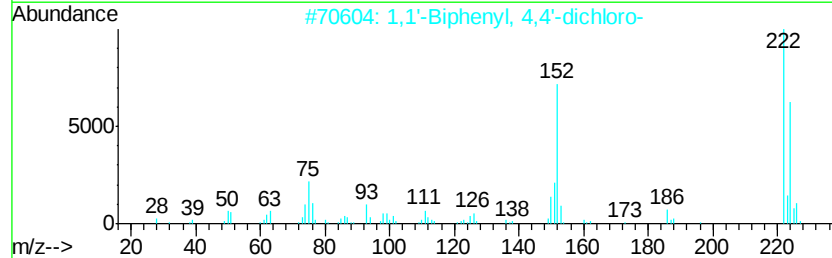
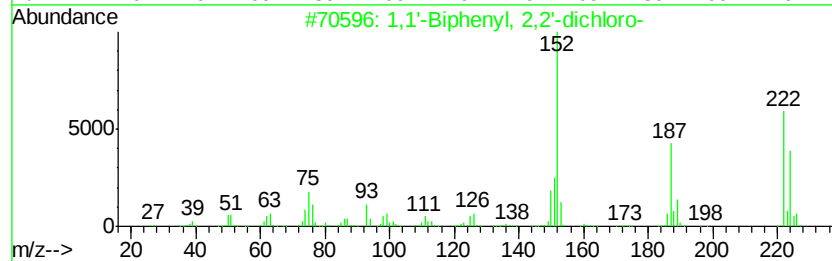
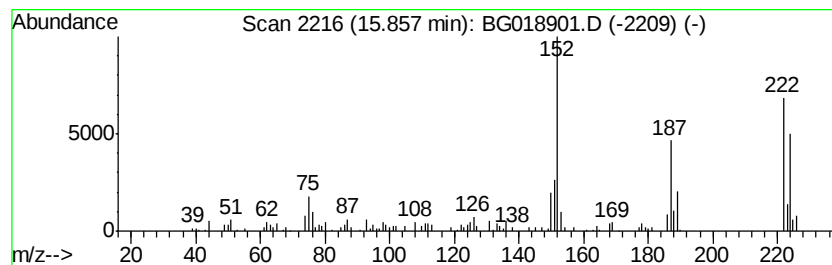
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.51 ng/ul	79714	Acenaphthene-d10	14.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95
2		1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
3		1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94
4		1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	89
5		1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	89



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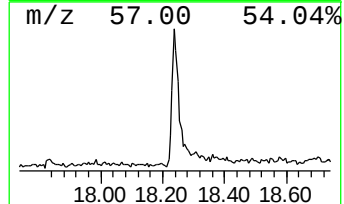
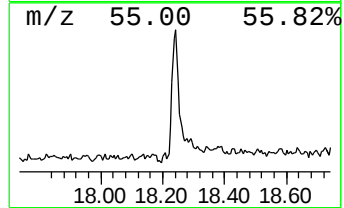
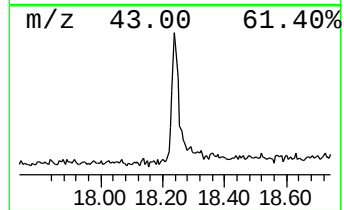
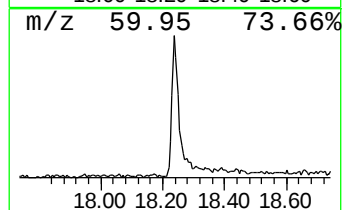
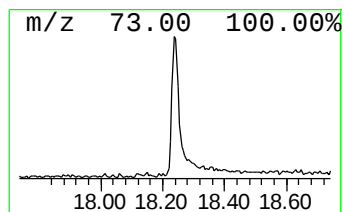
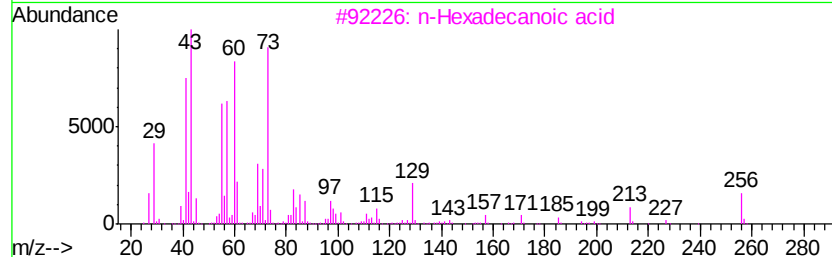
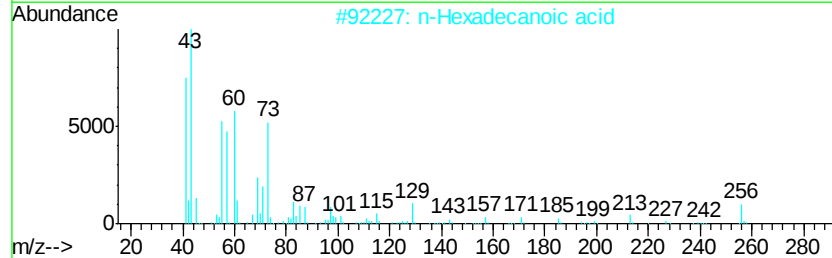
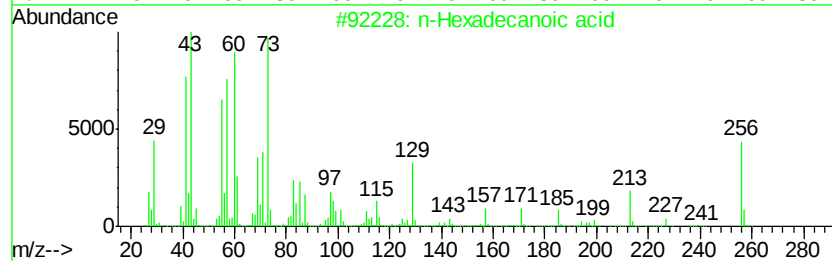
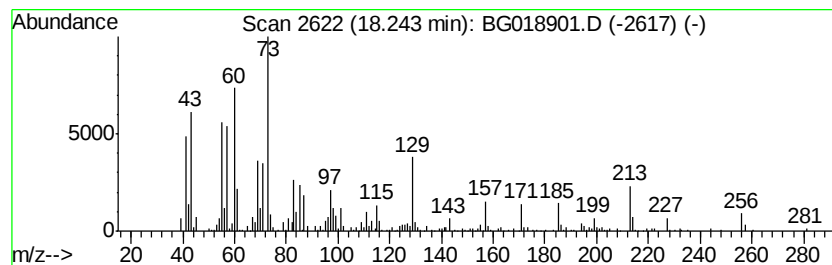
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.24	8.11 ng/ul	357053	Phenanthrene-d10		17.36		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			Tridecanoic acid	214	C13H26O2	000638-53-9	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
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Acq On : 26 Sep 2015 5:40
Operator : UM/NP
Sample : G3800-01
Misc :
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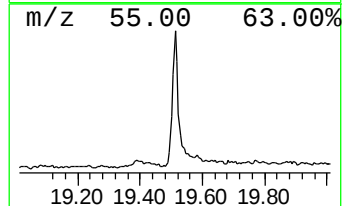
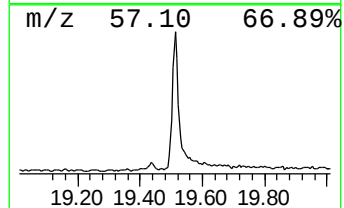
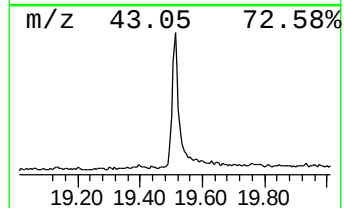
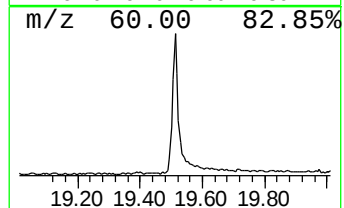
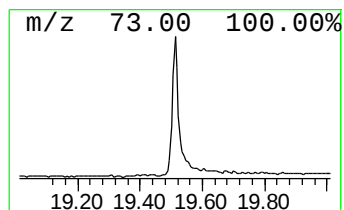
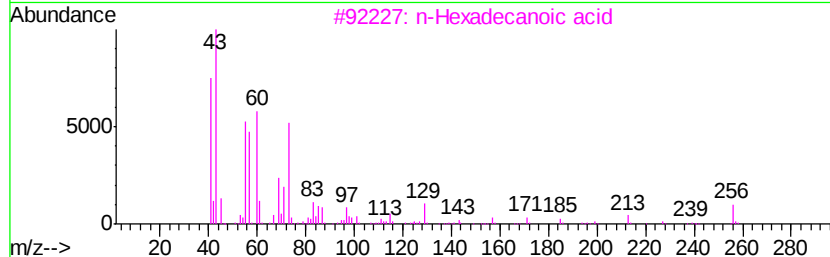
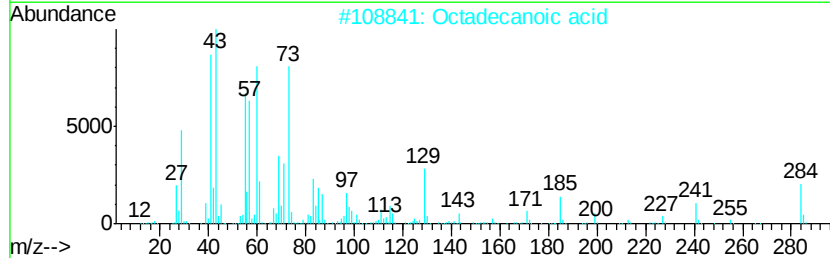
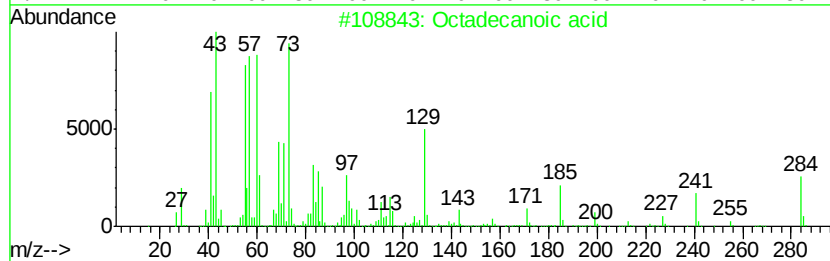
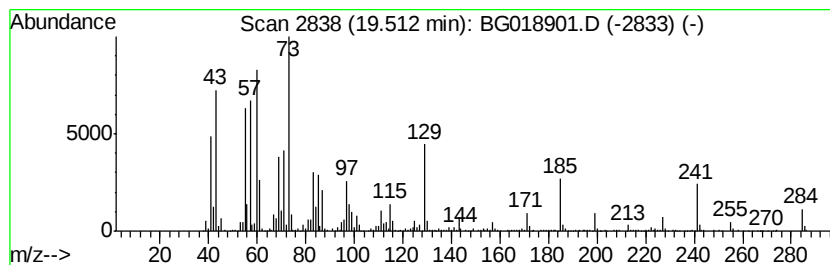
Instrument :
BNA_G
ClientSampleId :
C03F9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	20.10 ng/ul	1128660	Chrysene-d12	21.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	99
2	Octadecanoic acid	284 C18H36O2	000057-11-4	98
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	89
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018901.D
Acq On : 26 Sep 2015 5:40
Operator : UM/NP
Sample : G3800-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03F9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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...	3.17	24.2	ng/ul	276606	1	7.99	228369	20.0
1,1'-Biphenyl, 2,...	15.86	2.5	ng/ul	79714	3	14.61	636256	20.0
n-Hexadecanoic acid	18.24	8.1	ng/ul	357053	4	17.36	881002	20.0
Octadecanoic acid	19.51	20.1	ng/ul	1128660	5	21.60	1123050	20.0