

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
 Data File : BG019783.D
 Acq On : 22 Nov 2015 15:08
 Operator : UM/NP
 Sample : G4345-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4J53

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-BG111615.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	3.033	28	33	41	rBV2	25095	42933	6.13%	0.480%
2	3.115	41	47	61	rVB	223570	326400	46.62%	3.647%
3	3.256	68	71	75	rVB	1269	1530	0.22%	0.017%
4	3.397	91	95	99	rBV4	3805	5199	0.74%	0.058%
5	3.984	191	195	200	rBV	735	1105	0.16%	0.012%
6	5.130	387	390	391	rBV	1610	1520	0.22%	0.017%
7	5.148	391	393	399	rVB	1781	2065	0.29%	0.023%
8	7.263	746	753	761	rBV	91438	163084	23.29%	1.822%
9	7.427	774	781	791	rBB	73975	119489	17.07%	1.335%
10	7.639	807	817	825	rBB	90637	150582	21.51%	1.683%
11	8.109	891	897	905	rVB	67805	108910	15.56%	1.217%
12	8.820	1010	1018	1026	rBV	134947	218269	31.18%	2.439%
13	9.284	1090	1097	1105	rBB	101026	168432	24.06%	1.882%
14	9.672	1159	1163	1165	rVB	1165	1319	0.19%	0.015%
15	10.013	1214	1221	1230	rVB2	92384	157455	22.49%	1.759%
16	10.559	1307	1314	1325	rVB	138746	234883	33.55%	2.625%
17	10.700	1332	1338	1343	rBB	1307	2530	0.36%	0.028%
18	10.941	1372	1379	1388	rBB2	99423	177290	25.32%	1.981%
19	11.076	1395	1402	1410	rBV	120880	211710	30.24%	2.366%
20	12.516	1644	1647	1651	rVB2	1780	2572	0.37%	0.029%
21	13.103	1744	1747	1753	rVB3	5543	7889	1.13%	0.088%
22	13.350	1784	1789	1794	rBB2	9558	13262	1.89%	0.148%
23	13.561	1821	1825	1828	rBV2	3156	4242	0.61%	0.047%
24	14.078	1909	1913	1918	rVB	1530	2299	0.33%	0.026%
25	14.149	1918	1925	1929	rBV	320413	444859	63.54%	4.971%
26	14.196	1929	1933	1939	rVV	157078	217386	31.05%	2.429%
27	14.255	1939	1943	1946	rVV2	1684	2479	0.35%	0.028%
28	14.331	1953	1956	1959	rVB	1963	1890	0.27%	0.021%
29	14.378	1959	1964	1970	rBV3	3306	4599	0.66%	0.051%
30	14.449	1970	1976	1983	rBV	264583	405004	57.85%	4.526%
31	14.625	2001	2006	2012	rBV2	17929	23283	3.33%	0.260%
32	14.701	2016	2019	2022	rVB3	1573	2417	0.35%	0.027%
33	14.754	2022	2028	2037	rVB3	203007	325979	46.56%	3.643%
34	14.825	2037	2040	2045	rVB3	1176	1848	0.26%	0.021%

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 Title : SVOA CALIBRATION

35	14.895	2049	2052	2053	rBV2	945	1105	0.16%	0.012%
36	14.948	2054	2061	2075	rBV	130911	222302	31.75%	2.484%
37	15.066	2075	2081	2082	rBV3	3314	4373	0.62%	0.049%
38	15.124	2088	2091	2094	rVB3	3760	4936	0.71%	0.055%
39	15.154	2094	2096	2097	rBV	1681	1436	0.21%	0.016%
40	15.177	2097	2100	2104	rVV3	3320	4553	0.65%	0.051%
41	15.236	2106	2110	2115	rVV5	5000	6615	0.94%	0.074%
42	15.312	2117	2123	2129	rVB4	3822	6667	0.95%	0.074%
43	15.359	2129	2131	2132	rBV2	1443	1097	0.16%	0.012%
44	15.459	2145	2148	2149	rBV2	1113	1112	0.16%	0.012%
45	15.530	2154	2160	2162	rBV3	4048	6155	0.88%	0.069%
46	15.571	2162	2167	2173	rVB2	28971	38127	5.45%	0.426%
47	15.624	2173	2176	2182	rBV3	2963	5895	0.84%	0.066%
48	15.688	2182	2187	2190	rVV4	1822	3041	0.43%	0.034%
49	15.741	2190	2196	2203	rVB	372223	548514	78.35%	6.129%
50	15.859	2210	2216	2226	rBV	128272	197575	28.22%	2.208%
51	15.976	2226	2236	2241	rBV6	11802	24438	3.49%	0.273%
52	16.070	2247	2252	2256	rVB4	4141	5386	0.77%	0.060%
53	16.123	2257	2261	2263	rBV	3204	3726	0.53%	0.042%
54	16.188	2270	2272	2276	rBV3	4055	5405	0.77%	0.060%
55	16.317	2292	2294	2300	rVB4	2022	2558	0.37%	0.029%
56	16.376	2300	2304	2307	rBV3	1938	3615	0.52%	0.040%
57	16.429	2309	2313	2323	rVV	27109	45930	6.56%	0.513%
58	16.564	2331	2336	2339	rBV	3787	4806	0.69%	0.054%
59	16.593	2339	2341	2342	rBV	1231	1031	0.15%	0.012%
60	16.617	2342	2345	2349	rVV6	3918	5504	0.79%	0.062%
61	16.722	2361	2363	2368	rVB3	3551	4906	0.70%	0.055%
62	16.769	2368	2371	2374	rBV4	4398	6365	0.91%	0.071%
63	16.799	2374	2376	2380	rVV3	3692	5473	0.78%	0.061%
64	16.828	2380	2381	2384	rVV3	3090	3168	0.45%	0.035%
65	16.887	2385	2391	2396	rVB7	5899	8591	1.23%	0.096%
66	16.946	2396	2401	2404	rBV5	5754	7889	1.13%	0.088%
67	17.087	2421	2425	2426	rVB3	1804	1642	0.23%	0.018%
68	17.175	2438	2440	2442	rVV3	2038	1583	0.23%	0.018%
69	17.222	2444	2448	2453	rVB2	13748	17878	2.55%	0.200%
70	17.275	2453	2457	2461	rBV4	4583	6912	0.99%	0.077%
71	17.357	2469	2471	2473	rBV	2127	2362	0.34%	0.026%

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72	17.498	2489	2495	2501	rBV	320441	476247	68.03%	5.322%
73	17.598	2506	2512	2518	rVB	428710	657491	93.92%	7.347%
74	17.692	2526	2528	2531	rBV3	1319	1255	0.18%	0.014%
75	17.762	2539	2540	2542	rBV2	1356	1100	0.16%	0.012%
76	17.921	2566	2567	2569	rBV2	1262	1055	0.15%	0.012%
77	17.962	2569	2574	2577	rVV6	3950	5511	0.79%	0.062%
78	18.003	2579	2581	2584	rVB3	2401	2745	0.39%	0.031%
79	18.215	2616	2617	2620	rVB3	1310	1017	0.15%	0.011%
80	18.262	2620	2625	2630	rBV5	7152	10999	1.57%	0.123%
81	18.303	2630	2632	2636	rBV5	1862	2042	0.29%	0.023%
82	18.356	2637	2641	2647	rBV5	15914	23755	3.39%	0.265%
83	18.532	2669	2671	2673	rVB3	3396	2624	0.37%	0.029%
84	18.638	2687	2689	2690	rBV2	2251	2138	0.31%	0.024%
85	18.650	2690	2691	2695	rVB4	3193	3222	0.46%	0.036%
86	18.873	2724	2729	2733	rBV	11367	15923	2.27%	0.178%
87	19.126	2768	2772	2776	rBV5	9134	10177	1.45%	0.114%
88	19.208	2782	2786	2791	rBV	22366	27131	3.88%	0.303%
89	19.272	2794	2797	2806	rVB7	8701	14488	2.07%	0.162%
90	19.748	2875	2878	2886	rVB3	21676	31226	4.46%	0.349%
91	19.819	2887	2890	2893	rVV4	6821	10077	1.44%	0.113%
92	19.872	2893	2899	2906	rVB	488679	700085	100.00%	7.823%
93	20.283	2965	2969	2972	rBV	16509	20054	2.86%	0.224%
94	20.330	2974	2977	2979	rBV3	10597	12885	1.84%	0.144%
95	20.759	3046	3050	3055	rVB	29931	38999	5.57%	0.436%
96	20.970	3084	3086	3088	rBV2	5679	4396	0.63%	0.049%
97	21.376	3150	3155	3166	rVB	71384	119961	17.14%	1.340%
98	21.769	3215	3222	3229	rBV	401611	654516	93.49%	7.314%
99	24.836	3735	3744	3756	rVB	245074	681456	97.34%	7.615%
100	25.066	3773	3783	3795	rBV2	220292	639217	91.31%	7.143%

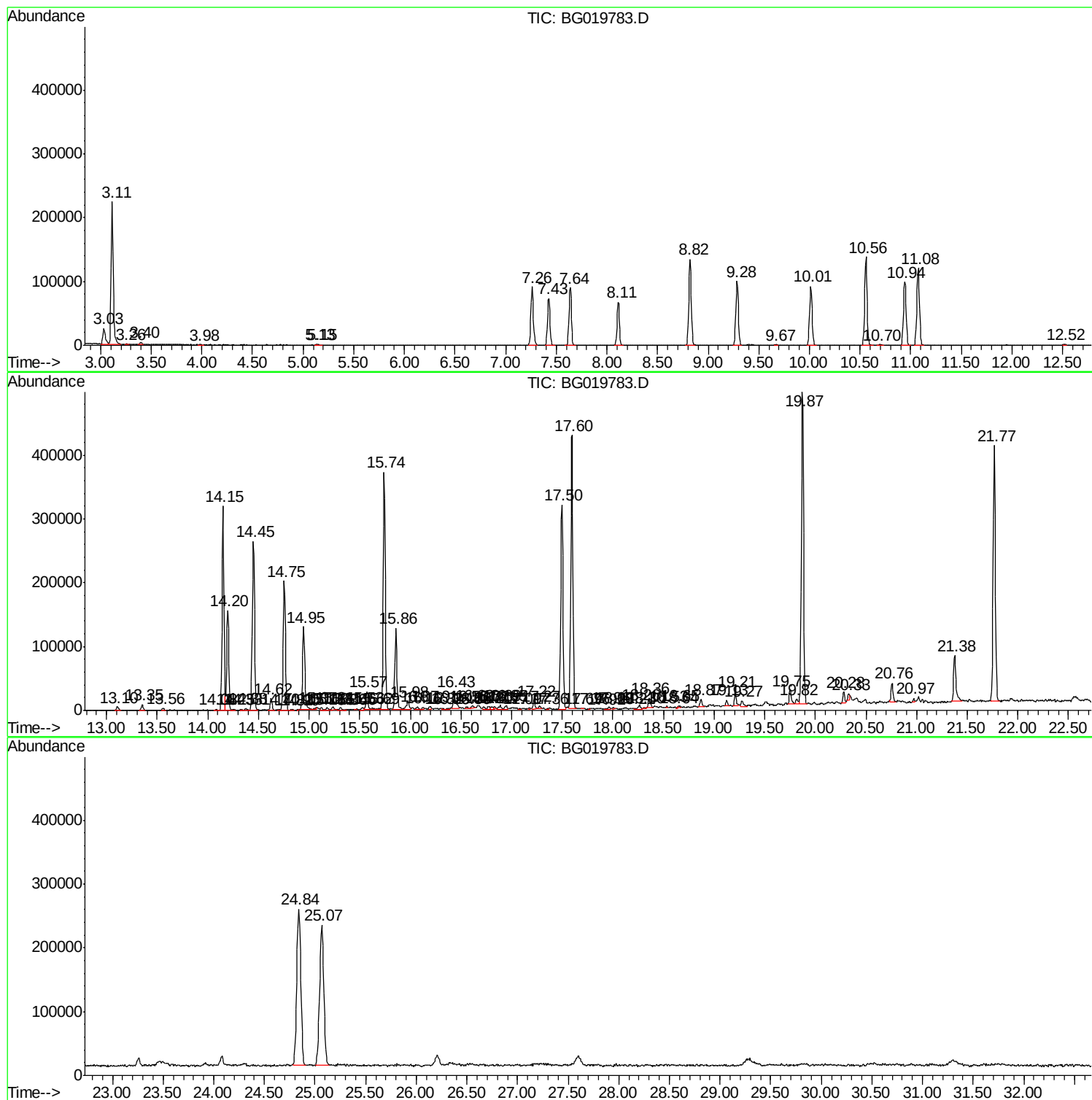
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



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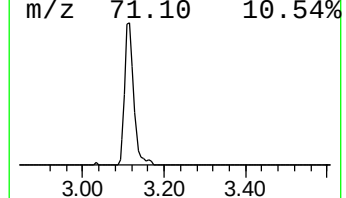
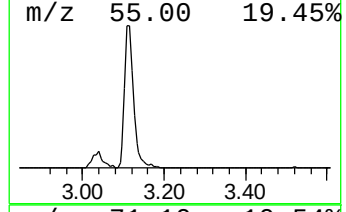
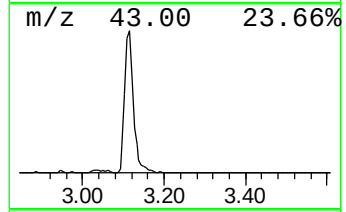
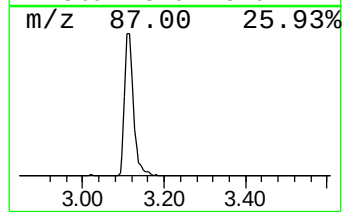
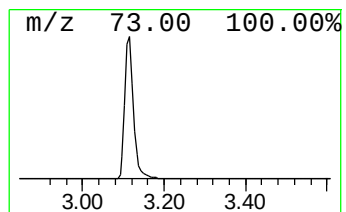
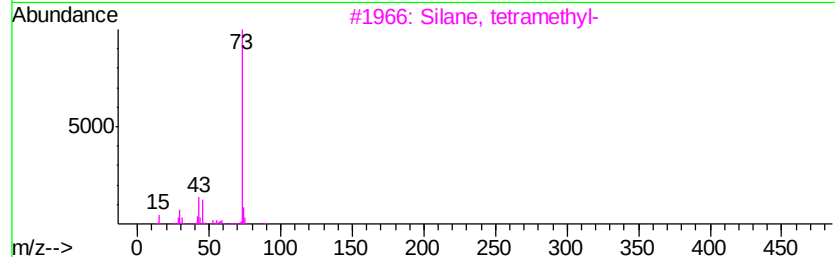
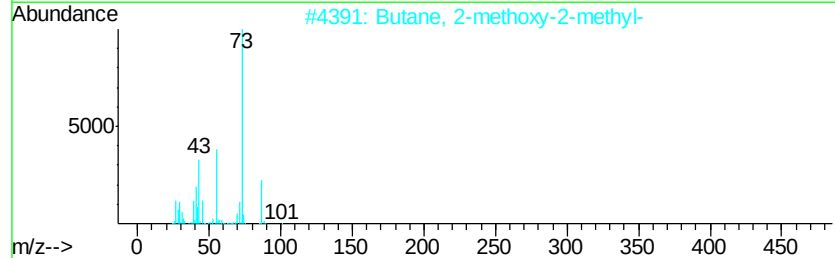
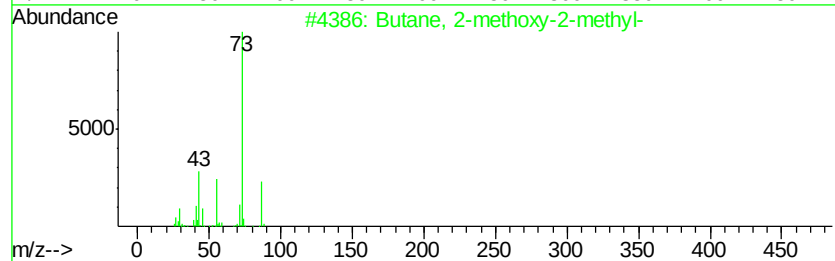
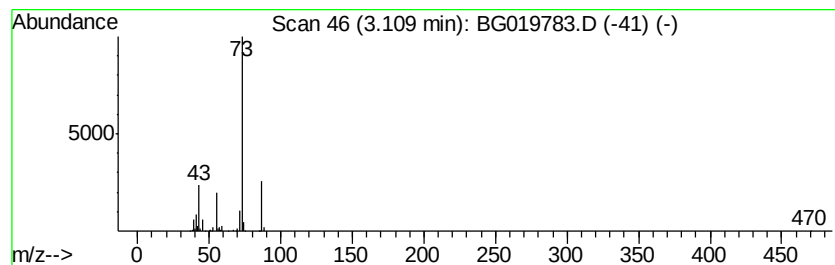
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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.
3.11	59.94 ng/ul	326400	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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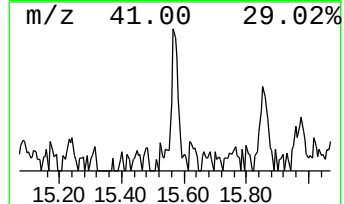
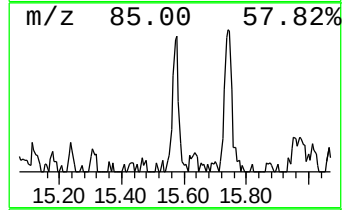
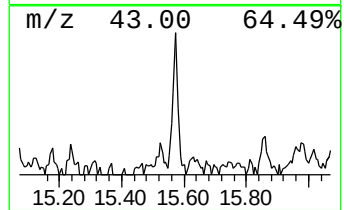
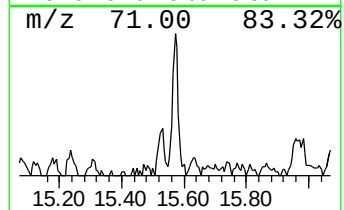
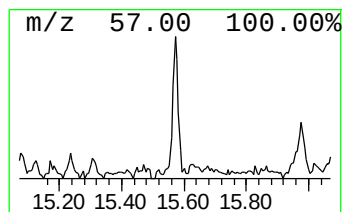
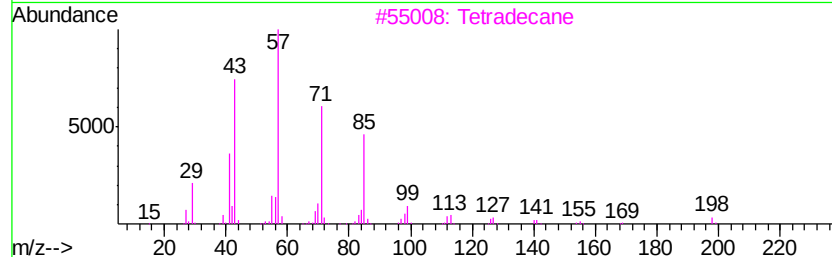
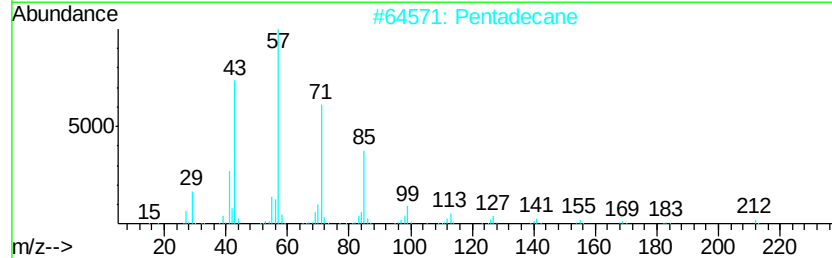
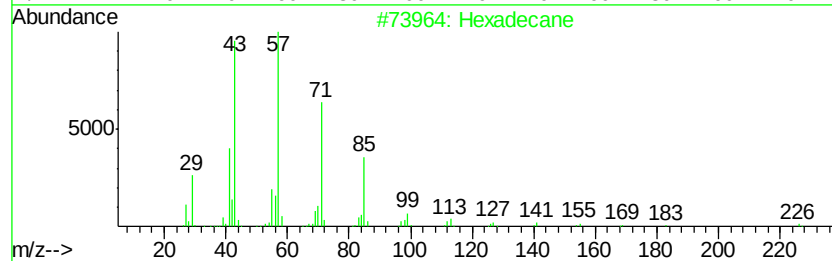
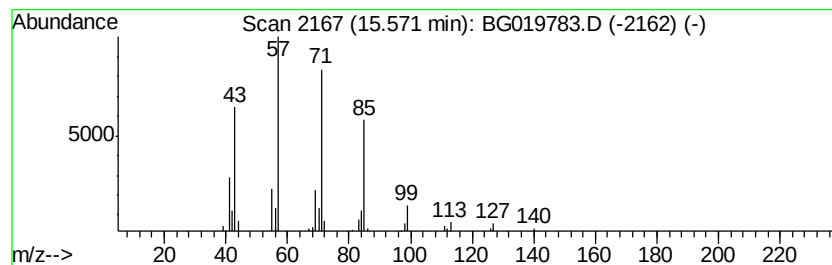
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.34 ng/ul	38127	Acenaphthene-d10	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Pentadecane	212	C15H32	000629-62-9	83
3		Tetradecane	198	C14H30	000629-59-4	83
4		Hexadecane	226	C16H34	000544-76-3	83
5		Nonadecane	268	C19H40	000629-92-5	83



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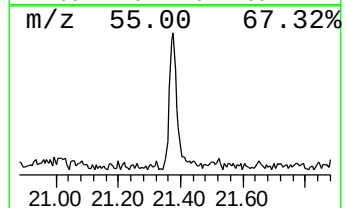
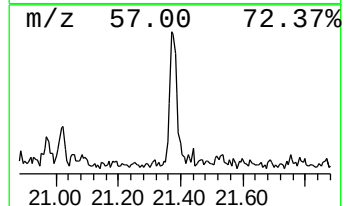
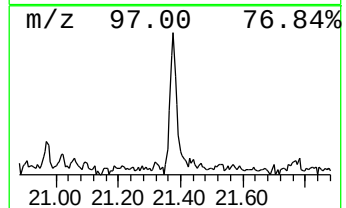
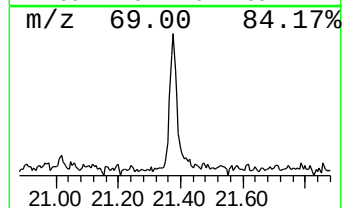
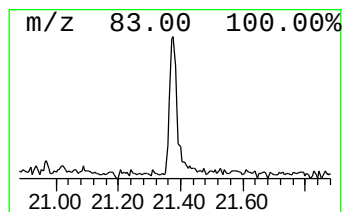
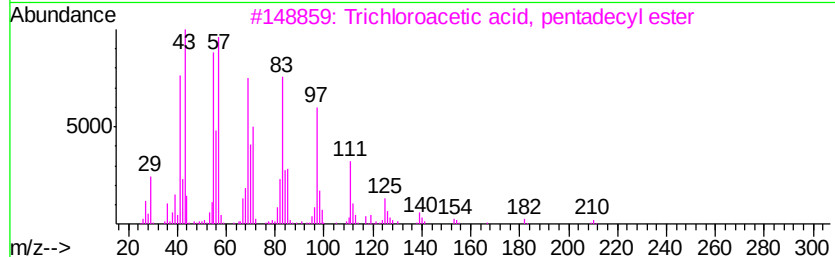
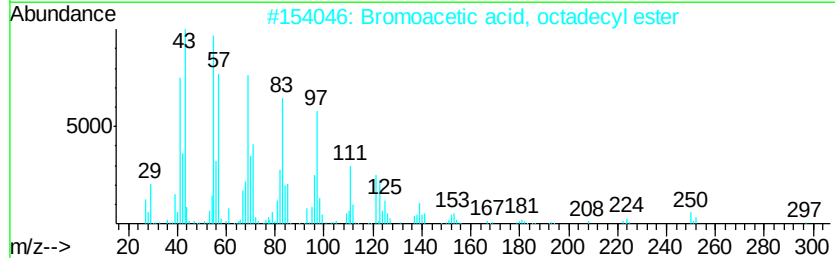
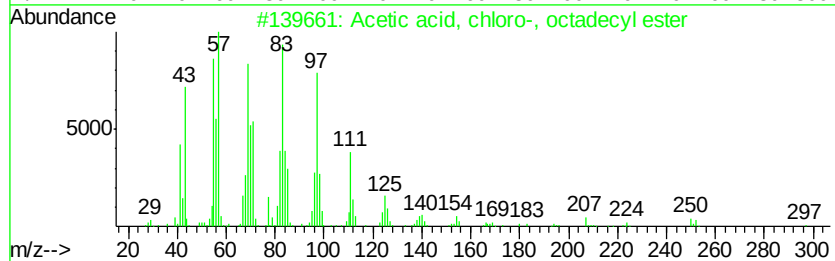
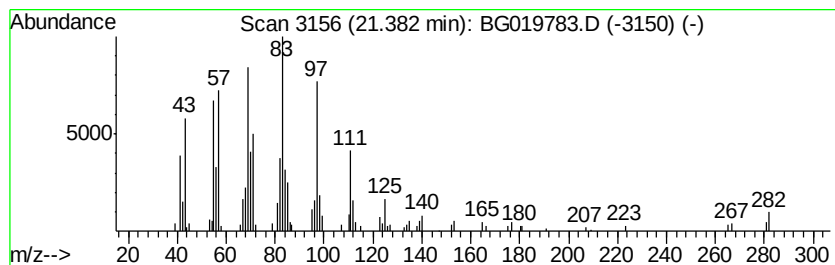
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Peak Number 4 Acetic acid, chloro-, octad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	3.67 ng/ul	119961	Chrysene-d12	21.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
2			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	86



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Data File : BG019783.D
Acq On : 22 Nov 2015 15:08
Operator : UM/NP
Sample : G4345-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4J53

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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...	3.11	59.9	ng/ul	326400	1	8.11	108910	20.0
(DEL) Alkane: Str...	15.57	2.3	ng/ul	38127	3	14.75	325979	20.0
Acetic acid, chlo...	21.38	3.7	ng/ul	119961	5	21.77	654516	20.0