

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
 Data File : BG019267.D
 Acq On : 20 Oct 2015 21:24
 Operator : UM/NP
 Sample : G4074-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9L3

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-BG101515.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	3.003	27	28	34	rVB3	1072	1199	0.28%	0.023%
2	3.085	35	42	50	rBV	14687	24985	5.78%	0.473%
3	3.162	50	55	60	rVV	23582	31293	7.24%	0.592%
4	3.203	60	62	66	rVV4	987	1124	0.26%	0.021%
5	3.261	69	72	75	rBV5	668	901	0.21%	0.017%
6	3.426	96	100	102	rVB2	1260	1467	0.34%	0.028%
7	4.366	257	260	262	rBV2	658	825	0.19%	0.016%
8	7.169	731	737	747	rVB	46069	77299	17.89%	1.463%
9	7.316	756	762	769	rBV	34399	55482	12.84%	1.050%
10	7.527	792	798	806	rBV	46621	77588	17.96%	1.469%
11	7.991	871	877	884	rVB	57199	96784	22.40%	1.832%
12	8.708	993	999	1006	rBV3	54004	89631	20.75%	1.697%
13	9.155	1068	1075	1085	rVB	48984	85941	19.89%	1.627%
14	9.578	1141	1147	1148	rBV3	1042	1058	0.24%	0.020%
15	9.877	1191	1198	1206	rVB	46111	78750	18.23%	1.491%
16	10.007	1212	1220	1224	rBV2	443	892	0.21%	0.017%
17	10.424	1284	1291	1301	rBV2	67364	114364	26.47%	2.165%
18	10.794	1347	1354	1365	rVB	91727	164838	38.16%	3.121%
19	10.935	1371	1378	1385	rBV3	34653	61020	14.13%	1.155%
20	12.374	1620	1623	1629	rVB3	744	1096	0.25%	0.021%
21	12.985	1724	1727	1735	rVB3	1294	1945	0.45%	0.037%
22	13.226	1765	1768	1772	rBV3	2550	3226	0.75%	0.061%
23	14.025	1896	1904	1909	rBV	142449	208122	48.18%	3.940%
24	14.072	1909	1912	1919	rVB	31957	43457	10.06%	0.823%
25	14.319	1947	1954	1961	rVB	161132	243399	56.35%	4.608%
26	14.507	1984	1986	1991	rVB3	1216	1546	0.36%	0.029%
27	14.625	2000	2006	2013	rVB2	173062	270905	62.71%	5.129%
28	14.842	2036	2043	2054	rBV	63553	101465	23.49%	1.921%
29	15.418	2134	2141	2144	rBV3	1791	3111	0.72%	0.059%
30	15.465	2145	2149	2155	rVV2	4671	6265	1.45%	0.119%
31	15.618	2168	2175	2181	rVV	217816	328811	76.12%	6.225%
32	15.735	2189	2195	2205	rVB	63825	90667	20.99%	1.717%
33	15.858	2210	2216	2222	rBV6	2760	6345	1.47%	0.120%
34	16.017	2241	2243	2246	rVB3	845	838	0.19%	0.016%

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35	16.164	2263	2268	2269	rBV3	822	1194	0.28%	0.023%
36	16.323	2289	2295	2298	rBV	9951	12920	2.99%	0.245%
37	16.499	2321	2325	2329	rVB3	4604	6550	1.52%	0.124%
38	16.658	2349	2352	2356	rBV2	1040	1992	0.46%	0.038%
39	16.763	2368	2370	2377	rVB3	1187	1558	0.36%	0.029%
40	16.840	2377	2383	2387	rVB3	1512	3146	0.73%	0.060%
41	16.887	2387	2391	2392	rBV2	876	980	0.23%	0.019%
42	16.910	2392	2395	2397	rVB3	1238	1423	0.33%	0.027%
43	16.934	2397	2399	2401	rVB2	1134	1033	0.24%	0.020%
44	16.981	2403	2407	2409	rBV3	911	1378	0.32%	0.026%
45	17.045	2415	2418	2419	rBV2	1104	1217	0.28%	0.023%
46	17.116	2425	2430	2435	rBV2	9968	13157	3.05%	0.249%
47	17.175	2435	2440	2443	rVB5	2869	4612	1.07%	0.087%
48	17.263	2453	2455	2458	rVB2	1545	1091	0.25%	0.021%
49	17.368	2467	2473	2480	rBV2	244553	364765	84.44%	6.906%
50	17.415	2480	2481	2483	rVV2	1709	1125	0.26%	0.021%
51	17.468	2483	2490	2496	rVV2	260089	377805	87.46%	7.153%
52	17.539	2499	2502	2504	rBV2	2027	2040	0.47%	0.039%
53	17.598	2507	2512	2513	rBV4	993	1392	0.32%	0.026%
54	17.633	2516	2518	2519	rBV2	1065	1003	0.23%	0.019%
55	17.656	2519	2522	2525	rVB4	1584	1931	0.45%	0.037%
56	17.715	2530	2532	2534	rBV3	1050	1087	0.25%	0.021%
57	17.733	2534	2535	2536	rBV	1392	834	0.19%	0.016%
58	17.856	2552	2556	2562	rBV2	7488	9540	2.21%	0.181%
59	17.897	2562	2563	2567	rBV2	854	989	0.23%	0.019%
60	18.021	2582	2584	2589	rVB4	1154	1679	0.39%	0.032%
61	18.138	2597	2604	2610	rBV5	3229	6068	1.40%	0.115%
62	18.197	2610	2614	2620	rBV	50214	69773	16.15%	1.321%
63	18.256	2620	2624	2633	rVV2	65377	97345	22.53%	1.843%
64	18.320	2633	2635	2641	rVV2	4540	8748	2.03%	0.166%
65	18.367	2641	2643	2644	rVV2	1873	1298	0.30%	0.025%
66	18.385	2644	2646	2647	rVV2	1225	1242	0.29%	0.024%
67	18.403	2647	2649	2651	rVB2	2357	1570	0.36%	0.030%
68	18.444	2651	2656	2657	rBV4	1901	3101	0.72%	0.059%
69	18.473	2660	2661	2664	rVB3	1563	819	0.19%	0.016%
70	18.497	2664	2665	2667	rBV2	876	898	0.21%	0.017%
71	18.544	2671	2673	2679	rVB4	3270	4885	1.13%	0.092%

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72	18.596	2679	2682	2684	rBV3	941	1203	0.28%	0.023%
73	18.679	2693	2696	2698	rBV3	2972	3452	0.80%	0.065%
74	18.743	2704	2707	2709	rBV4	1177	1548	0.36%	0.029%
75	18.790	2713	2715	2718	rVV3	1305	1367	0.32%	0.026%
76	18.890	2729	2732	2733	rBV3	1630	1607	0.37%	0.030%
77	18.920	2735	2737	2741	rVV4	1647	2196	0.51%	0.042%
78	19.049	2756	2759	2762	rVB5	1436	1676	0.39%	0.032%
79	19.102	2765	2768	2769	rBV3	2493	2362	0.55%	0.045%
80	19.160	2777	2778	2783	rVB5	2611	3068	0.71%	0.058%
81	19.254	2791	2794	2796	rBV4	1536	1355	0.31%	0.026%
82	19.296	2799	2801	2802	rBV2	1871	1346	0.31%	0.025%
83	19.354	2808	2811	2813	rBV4	2103	2855	0.66%	0.054%
84	19.395	2813	2818	2820	rBV5	5351	9659	2.24%	0.183%
85	19.478	2830	2832	2833	rBV2	1551	1178	0.27%	0.022%
86	19.525	2837	2840	2844	rVV4	7418	10680	2.47%	0.202%
87	19.636	2857	2859	2860	rBV2	2047	1847	0.43%	0.035%
88	19.754	2873	2879	2886	rBV	303298	431976	100.00%	8.178%
89	19.895	2899	2903	2905	rBV4	3798	4277	0.99%	0.081%
90	20.101	2936	2938	2939	rBV2	2895	1409	0.33%	0.027%
91	20.383	2984	2986	2987	rBV2	3258	2252	0.52%	0.043%
92	20.847	3063	3065	3067	rBV3	4841	4381	1.01%	0.083%
93	21.276	3133	3138	3149	rBV	68842	106076	24.56%	2.008%
94	21.634	3192	3199	3205	rBV	267062	427667	99.00%	8.097%
95	22.421	3331	3333	3340	rVB5	9337	14751	3.41%	0.279%
96	23.908	3582	3586	3592	rVB5	17264	35091	8.12%	0.664%
97	24.607	3696	3705	3715	rVB	154724	417614	96.68%	7.906%
98	24.824	3733	3742	3754	rVB2	148640	428886	99.28%	8.120%
99	25.970	3932	3937	3947	rVB3	23091	62359	14.44%	1.181%
100	30.864	4768	4770	4773	rBV4	5944	9110	2.11%	0.172%

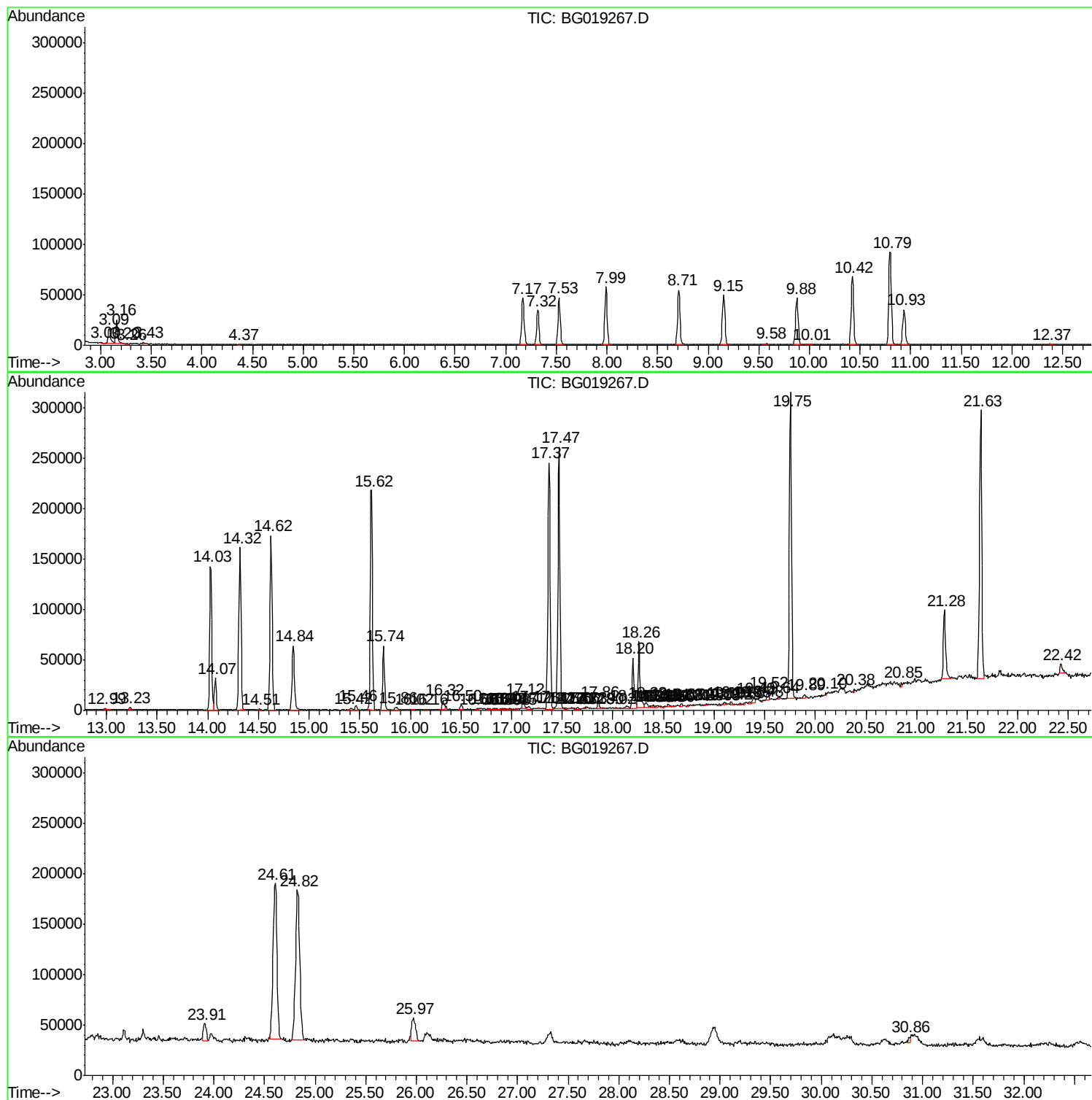
Sum of corrected areas: 5282075

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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



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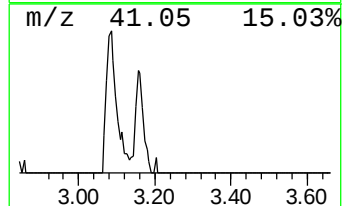
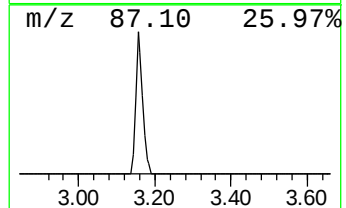
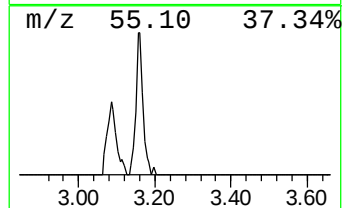
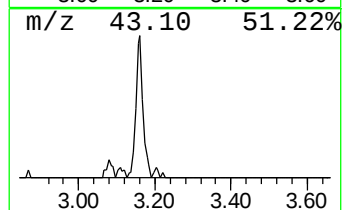
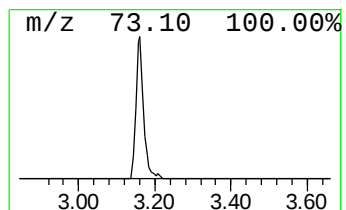
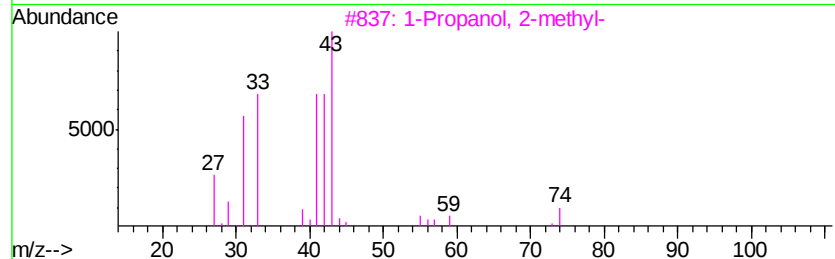
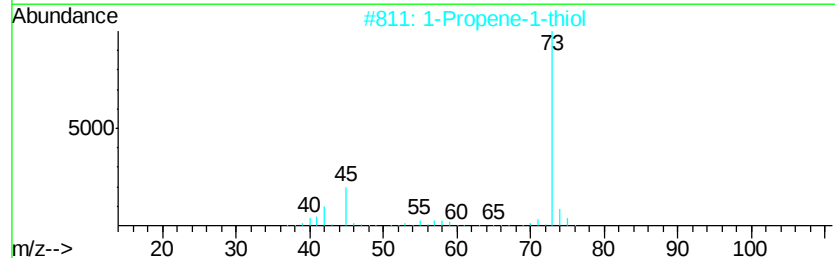
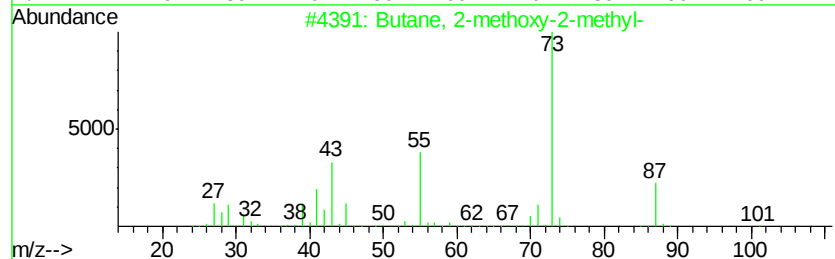
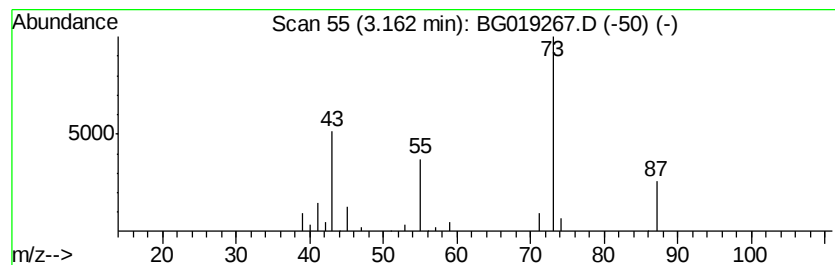
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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.
3.16	6.47 ng/ul	31293	1,4-Dichlorobenzene-d4	7.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2			1-Propene-1-thiol	74	C3H6S	000925-89-3	9
3			1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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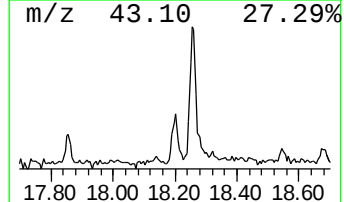
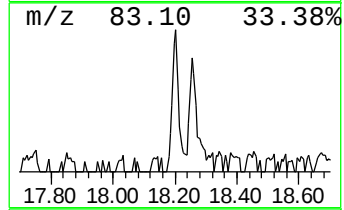
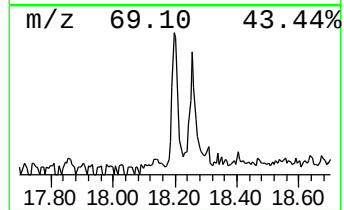
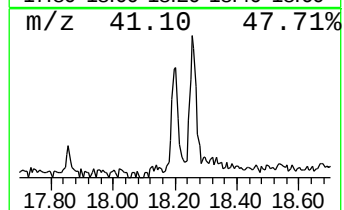
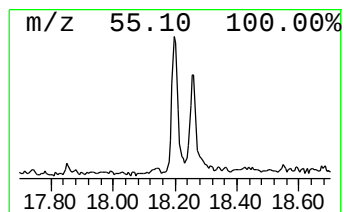
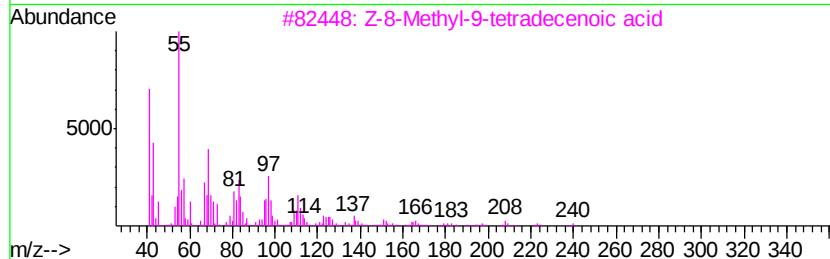
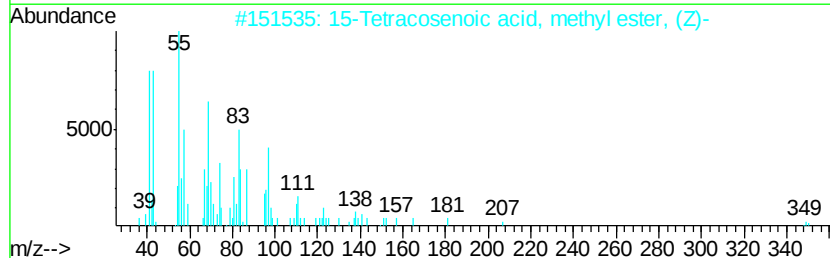
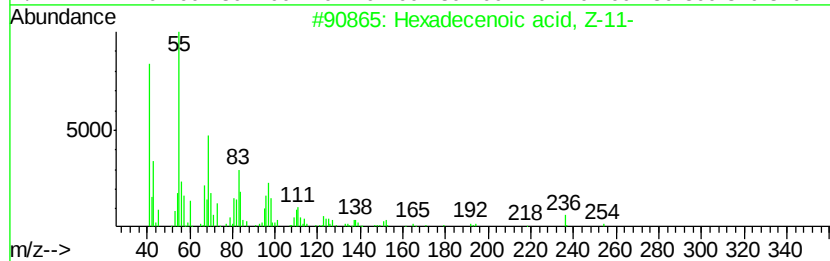
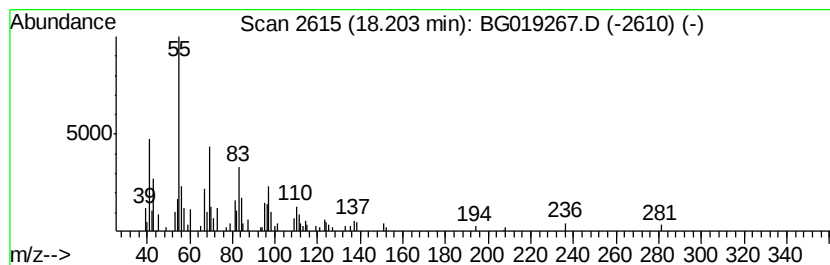
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecenoic acid, Z-11- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.83 ng/ul	69773	Phenanthrene-d10	17.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
2		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	83
3		Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	64
4		Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	58
5		Myristoleic acid	226	C14H26O2	000544-64-9	58



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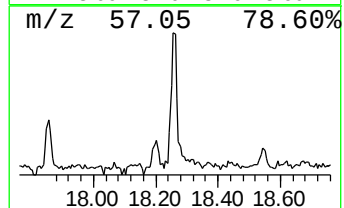
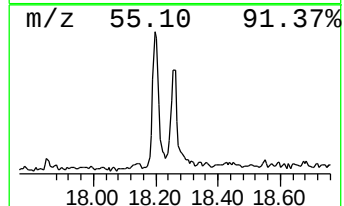
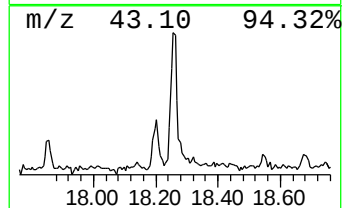
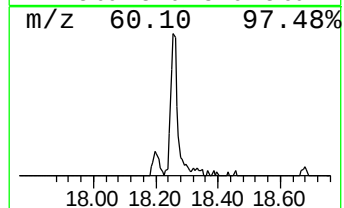
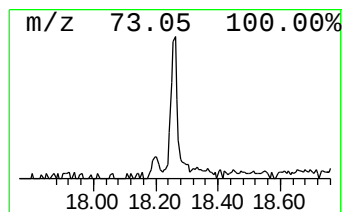
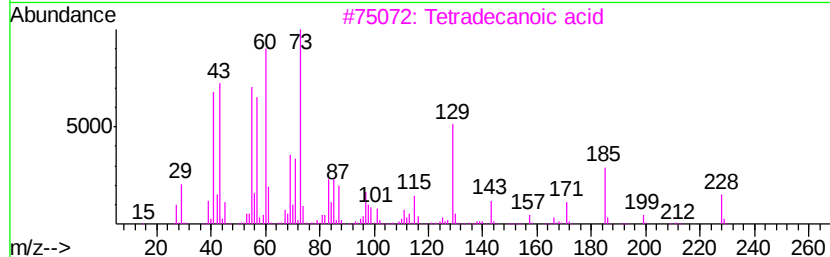
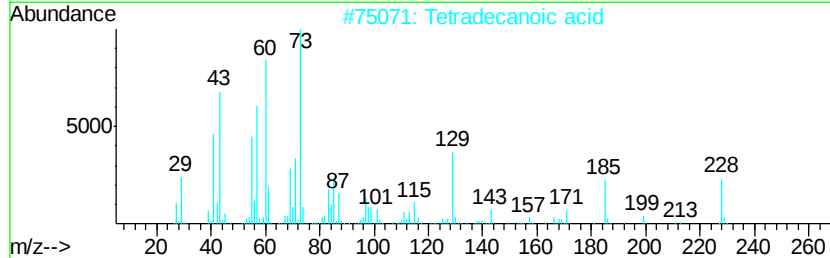
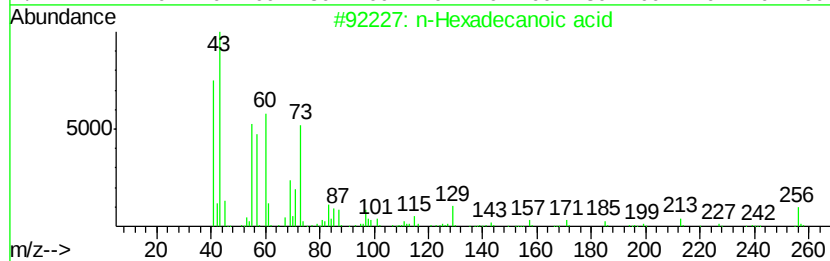
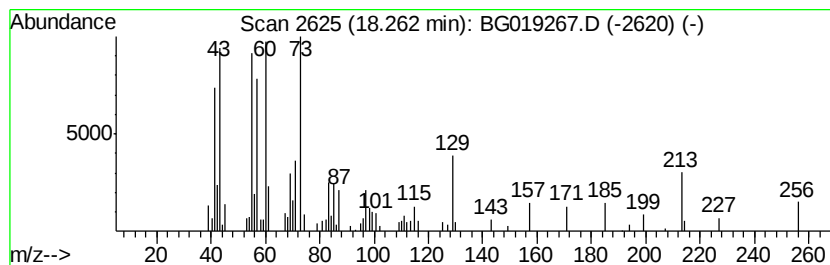
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.34 ng/ul	97345	Phenanthrene-d10	17.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019267.D
Acq On : 20 Oct 2015 21:24
Operator : UM/NP
Sample : G4074-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9L3

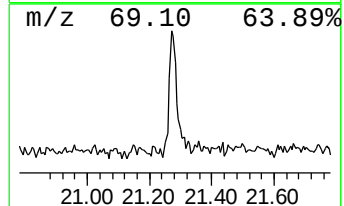
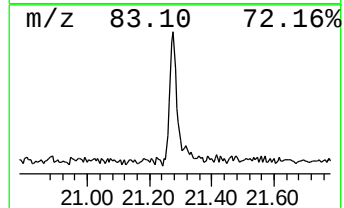
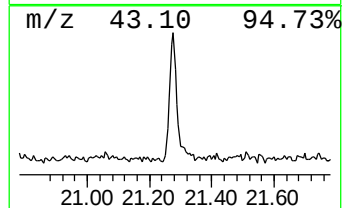
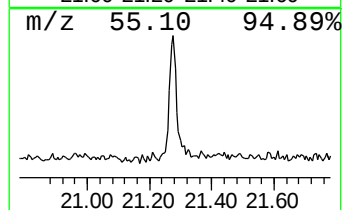
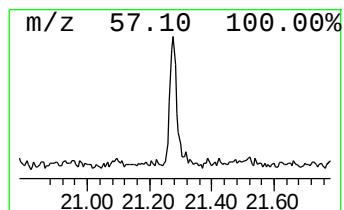
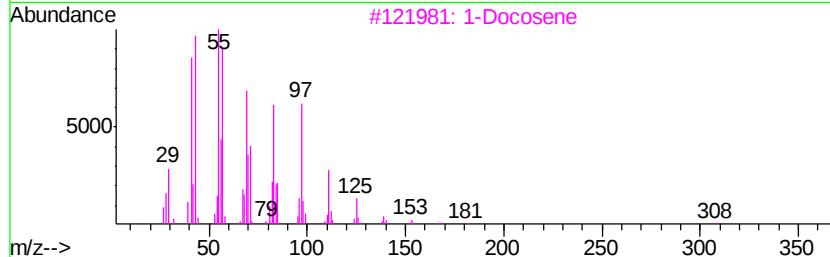
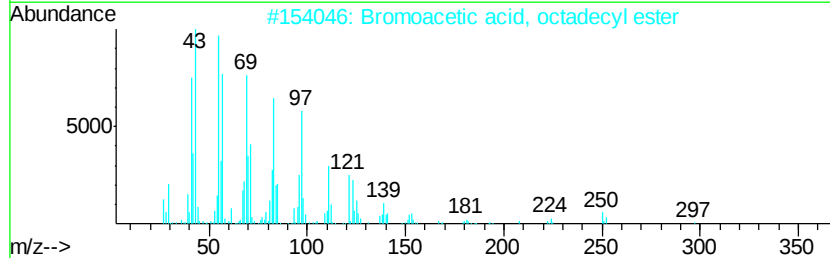
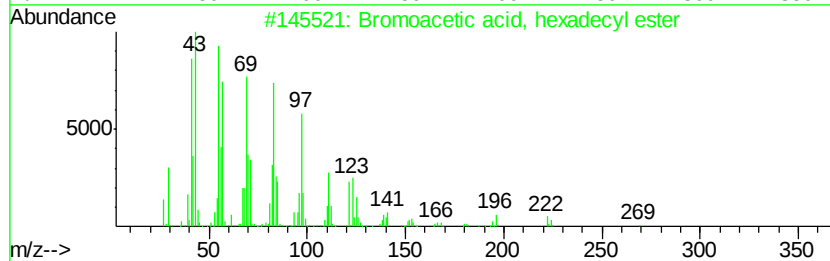
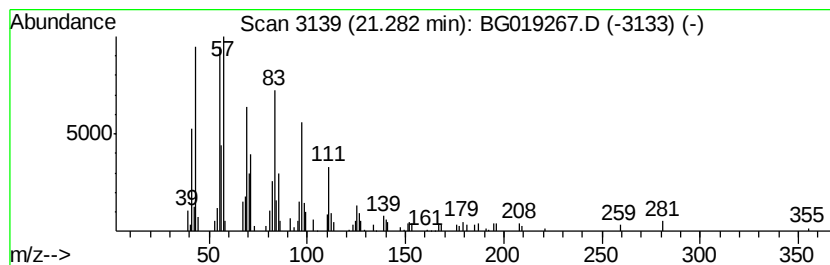
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Bromoacetic acid, hexadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	4.96 ng/ul	106076	Chrysene-d12	21.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
3		1-Docosene	308	C22H44	001599-67-3	81
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	76



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Sample : G4074-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9L3

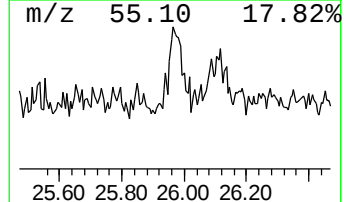
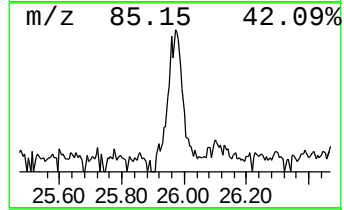
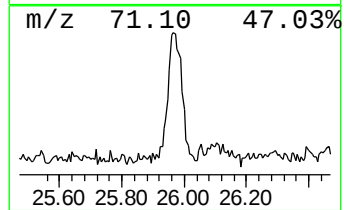
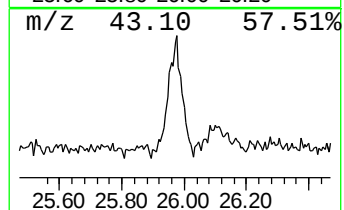
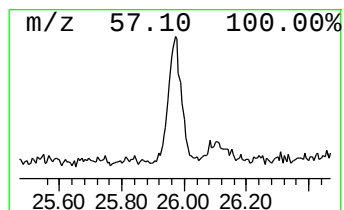
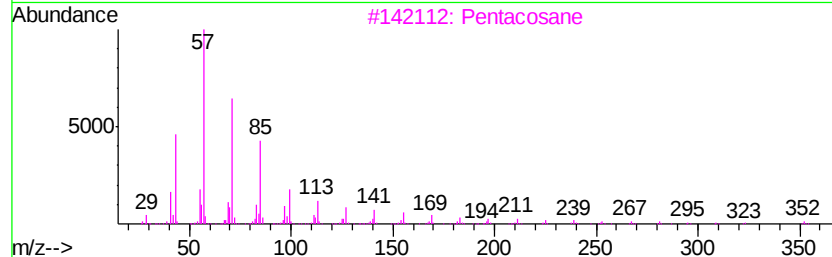
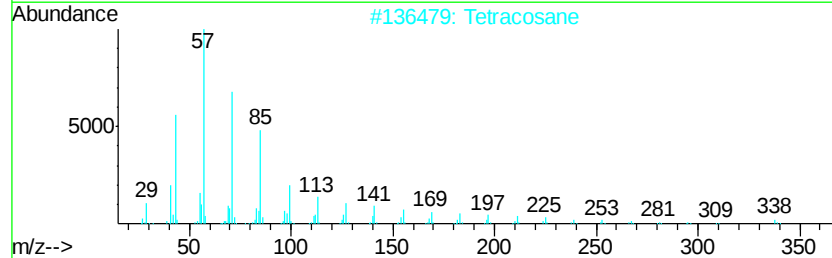
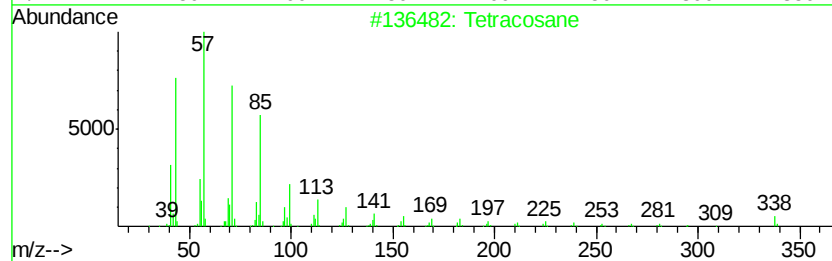
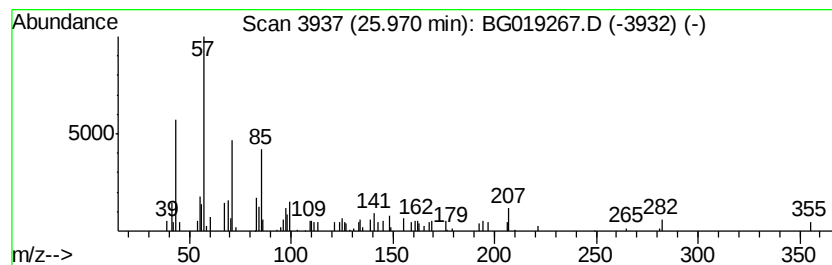
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.97	2.91 ng/ul	62359	Perylene-d12	24.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	59
2		Tetracosane	338	C24H50	000646-31-1	59
3		Pentacosane	352	C25H52	000629-99-2	59
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59
5		1-Bromodocosane	388	C22H45Br	006938-66-5	52



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9L3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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...	3.16	6.5	ng/ul	31293	1	7.99	96784	20.0
Hexadecenoic acid...	18.20	3.8	ng/ul	69773	4	17.37	364765	20.0
n-Hexadecanoic acid	18.26	5.3	ng/ul	97345	4	17.37	364765	20.0
Bromoacetic acid,...	21.28	5.0	ng/ul	106076	5	21.63	427667	20.0
(DEL) Alkane: Str...	25.97	2.9	ng/ul	62359	6	24.82	428886	20.0