

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
 Data File : BG020930.D
 Acq On : 17 Feb 2016 17:27
 Operator : SJ/UM
 Sample : H1477-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0311-S05-0003

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-BG020816.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	3.243	64	69	78	rBV	27830	48258	8.26%	0.730%
2	3.320	79	82	92	rVB	7820	11369	1.95%	0.172%
3	3.596	125	129	136	rVB	3179	4907	0.84%	0.074%
4	3.872	173	176	181	rBV2	1852	3286	0.56%	0.050%
5	5.810	504	506	511	rVB3	626	832	0.14%	0.013%
6	6.298	585	589	593	rVB3	921	1475	0.25%	0.022%
7	7.209	738	744	749	rBV2	2181	3440	0.59%	0.052%
8	7.402	768	777	787	rVB	64826	110576	18.92%	1.672%
9	7.573	799	806	813	rVB	63059	99601	17.04%	1.506%
10	7.784	834	842	849	rBV	66848	114221	19.54%	1.727%
11	7.843	849	852	855	rVB2	1011	1400	0.24%	0.021%
12	8.160	903	906	909	rVB	1036	1188	0.20%	0.018%
13	8.260	916	923	931	rBV	54593	90081	15.41%	1.362%
14	8.495	959	963	968	rBV3	639	1523	0.26%	0.023%
15	8.959	1034	1042	1050	rBV	90715	154222	26.39%	2.332%
16	9.429	1115	1122	1129	rVV	68668	118830	20.33%	1.797%
17	9.517	1132	1137	1145	rVB2	4878	7732	1.32%	0.117%
18	10.158	1239	1246	1253	rVB	58125	95445	16.33%	1.443%
19	10.698	1330	1338	1346	rVB	98096	169727	29.04%	2.567%
20	11.086	1396	1404	1412	rVB	100451	176622	30.22%	2.671%
21	11.215	1418	1426	1436	rBV	99541	177458	30.36%	2.684%
22	12.648	1666	1670	1674	rBV2	1375	2330	0.40%	0.035%
23	13.477	1806	1811	1814	rBB	1076	1235	0.21%	0.019%
24	13.529	1815	1820	1821	rBV2	994	1032	0.18%	0.016%
25	13.753	1853	1858	1862	rBB2	4623	6210	1.06%	0.094%
26	14.270	1940	1946	1950	rBV	213418	307305	52.58%	4.647%
27	14.317	1950	1954	1960	rVB	85319	119098	20.38%	1.801%
28	14.569	1990	1997	2005	rBV	266847	403178	68.98%	6.097%
29	14.745	2023	2027	2030	rVB	5634	6644	1.14%	0.100%
30	14.875	2042	2049	2056	rVB2	181353	281451	48.15%	4.256%
31	15.045	2071	2078	2090	rBV	84795	133063	22.77%	2.012%
32	15.180	2098	2101	2103	rBV2	724	831	0.14%	0.013%
33	15.245	2109	2112	2117	rBV2	1177	1478	0.25%	0.022%
34	15.356	2128	2131	2135	rVB	1194	1533	0.26%	0.023%

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35	15.427	2138	2143	2145	rBV	975	1156	0.20%	0.017%
36	15.644	2176	2180	2183	rBV	2213	3470	0.59%	0.052%
37	15.685	2183	2187	2192	rVB	8649	10709	1.83%	0.162%
38	15.862	2209	2217	2224	rBB	340498	527998	90.34%	7.985%
39	15.961	2229	2234	2244	rBV	74449	105009	17.97%	1.588%
40	16.097	2248	2257	2261	rBV5	4806	8394	1.44%	0.127%
41	16.191	2272	2273	2277	rVB	1559	868	0.15%	0.013%
42	16.238	2279	2281	2284	rVV	1088	1096	0.19%	0.017%
43	16.302	2287	2292	2295	rBV	1495	1836	0.31%	0.028%
44	16.490	2320	2324	2327	rBV2	695	1019	0.17%	0.015%
45	16.543	2329	2333	2336	rBV2	8974	12311	2.11%	0.186%
46	16.731	2361	2365	2369	rVB3	1853	2858	0.49%	0.043%
47	16.890	2387	2392	2395	rBV	1722	2830	0.48%	0.043%
48	16.942	2399	2401	2405	rVV2	997	996	0.17%	0.015%
49	17.001	2410	2411	2414	rVB	935	872	0.15%	0.013%
50	17.054	2417	2420	2423	rVV	1023	1092	0.19%	0.017%
51	17.119	2427	2431	2434	rBV2	1144	1437	0.25%	0.022%
52	17.336	2462	2468	2474	rBV	6913	8989	1.54%	0.136%
53	17.383	2474	2476	2481	rVB3	2886	4247	0.73%	0.064%
54	17.606	2508	2514	2521	rBV	216464	325635	55.71%	4.925%
55	17.706	2525	2531	2539	rVV2	366781	543733	93.03%	8.223%
56	17.765	2539	2541	2545	rVB2	982	964	0.16%	0.015%
57	17.871	2556	2559	2562	rBV	1018	1085	0.19%	0.016%
58	17.959	2568	2574	2584	rBV	49732	71334	12.20%	1.079%
59	18.047	2587	2589	2590	rVV	1191	1189	0.20%	0.018%
60	18.070	2590	2593	2599	rVB2	5112	6234	1.07%	0.094%
61	18.247	2620	2623	2625	rBV	1245	849	0.15%	0.013%
62	18.464	2657	2660	2666	rBV3	4566	7379	1.26%	0.112%
63	18.546	2670	2674	2677	rVB	1897	2473	0.42%	0.037%
64	18.670	2691	2695	2698	rVB2	1470	1490	0.25%	0.023%
65	18.705	2698	2701	2703	rVB2	994	815	0.14%	0.012%
66	18.758	2703	2710	2713	rBV2	2711	4221	0.72%	0.064%
67	18.881	2727	2731	2734	rBV2	2966	3313	0.57%	0.050%
68	19.145	2774	2776	2781	rBV2	690	867	0.15%	0.013%
69	19.310	2798	2804	2813	rBV	125584	157368	26.92%	2.380%
70	19.374	2813	2815	2821	rVB4	3054	4082	0.70%	0.062%
71	19.474	2829	2832	2835	rVB3	2173	2388	0.41%	0.036%

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72	19.615	2850	2856	2858	rBV2	5360	7790	1.33%	0.118%
73	19.639	2858	2860	2863	rVB2	2632	2954	0.51%	0.045%
74	19.721	2870	2874	2877	rBV	3632	4968	0.85%	0.075%
75	19.815	2887	2890	2892	rVB	1258	1196	0.20%	0.018%
76	19.868	2895	2899	2904	rVV	4897	5160	0.88%	0.078%
77	19.927	2907	2909	2910	rBV2	1824	1544	0.26%	0.023%
78	19.974	2911	2917	2926	rVB	420810	584473	100.00%	8.839%
79	20.068	2929	2933	2935	rBV3	1258	2155	0.37%	0.033%
80	20.314	2973	2975	2978	rBV3	911	992	0.17%	0.015%
81	20.344	2978	2980	2983	rVV2	1058	1231	0.21%	0.019%
82	20.444	2992	2997	2999	rBV3	5800	7668	1.31%	0.116%
83	20.614	3024	3026	3028	rBV2	2297	2208	0.38%	0.033%
84	20.702	3038	3041	3047	rVB3	4303	8068	1.38%	0.122%
85	20.808	3053	3059	3063	rBV2	10000	17502	2.99%	0.265%
86	21.489	3170	3175	3187	rBV	70527	108232	18.52%	1.637%
87	21.748	3216	3219	3224	rVB	7682	12162	2.08%	0.184%
88	21.883	3236	3242	3250	rBV	199059	340771	58.30%	5.154%
89	23.792	3562	3567	3574	rVB2	16096	32491	5.56%	0.491%
90	24.338	3654	3660	3672	rVB3	15554	37400	6.40%	0.566%
91	25.026	3767	3777	3789	rVB	209618	568996	97.35%	8.605%
92	25.255	3806	3816	3829	rVB2	119596	340288	58.22%	5.146%
93	26.471	4016	4023	4032	rVB3	12548	33941	5.81%	0.513%

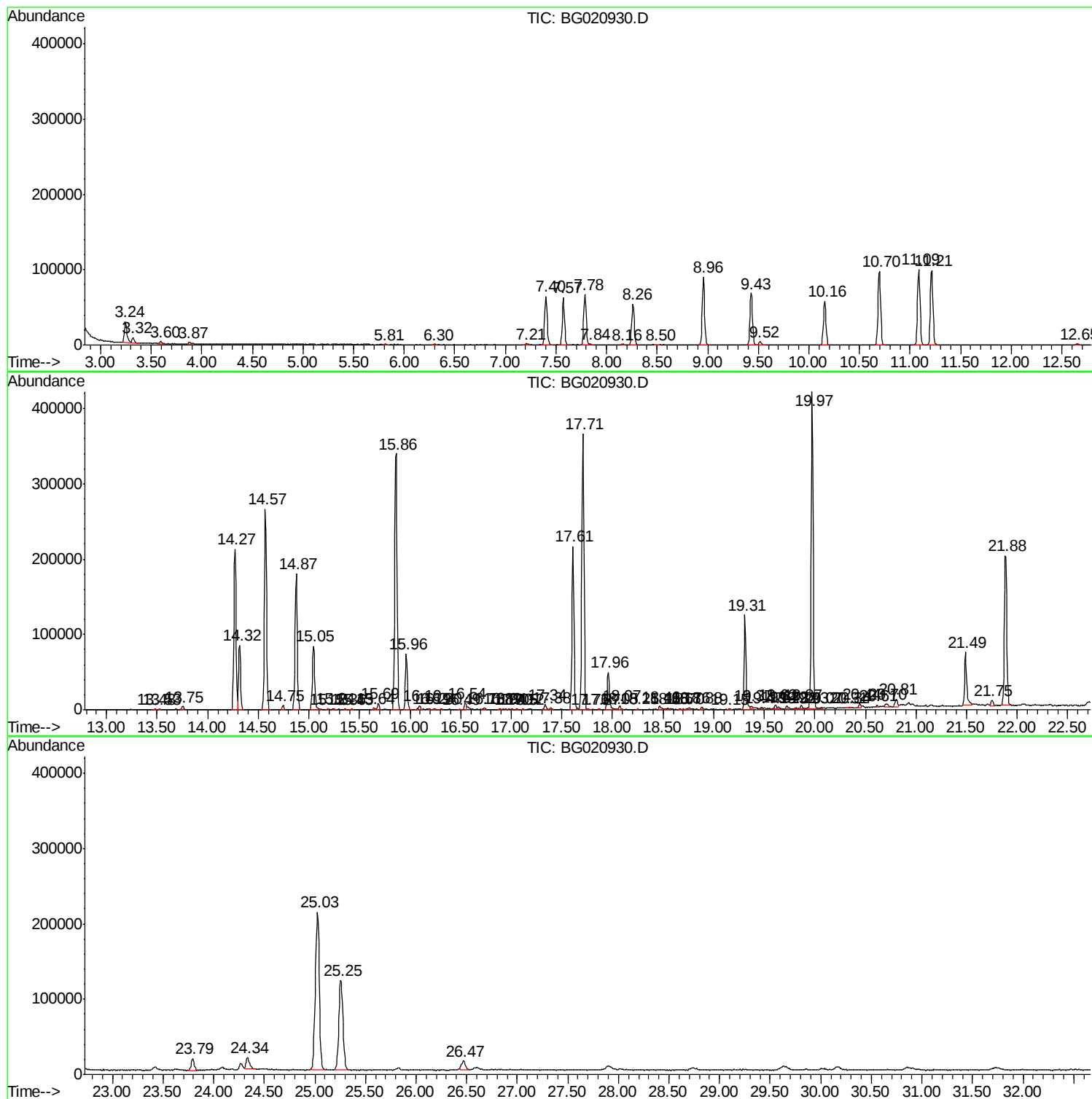
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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



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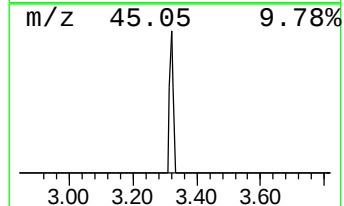
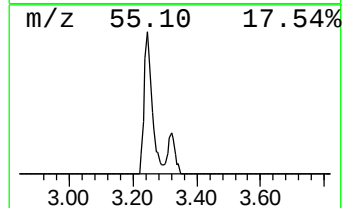
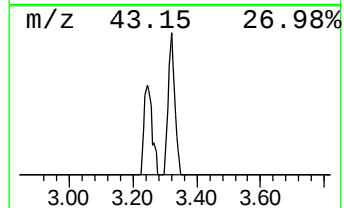
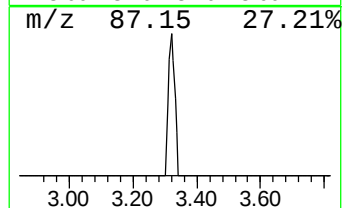
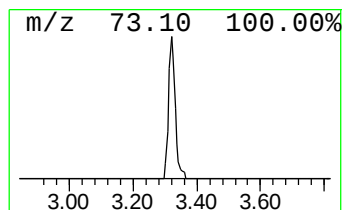
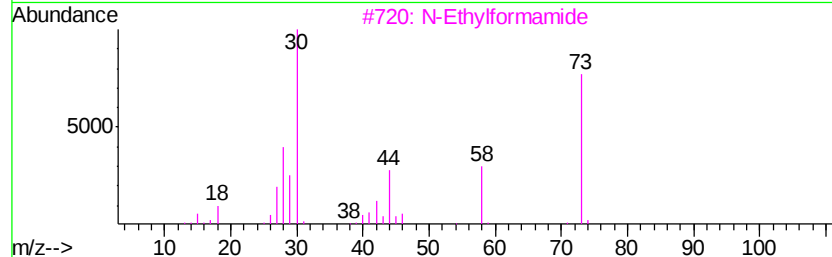
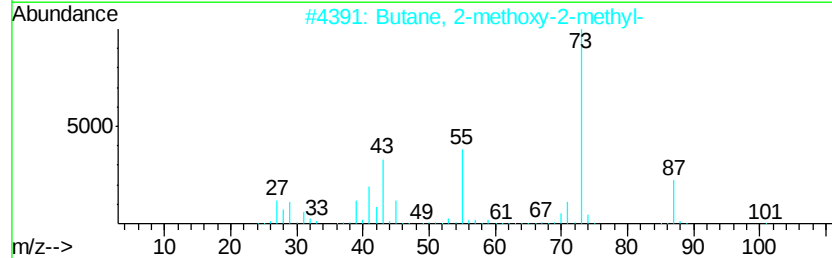
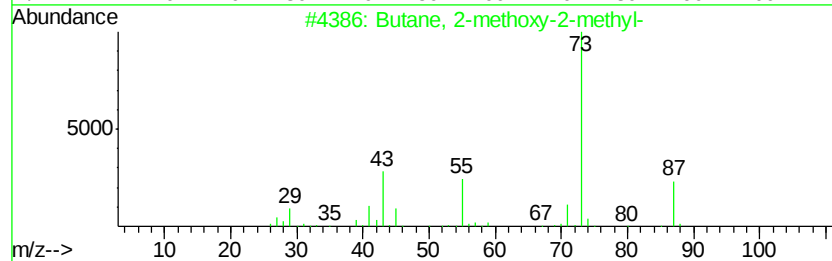
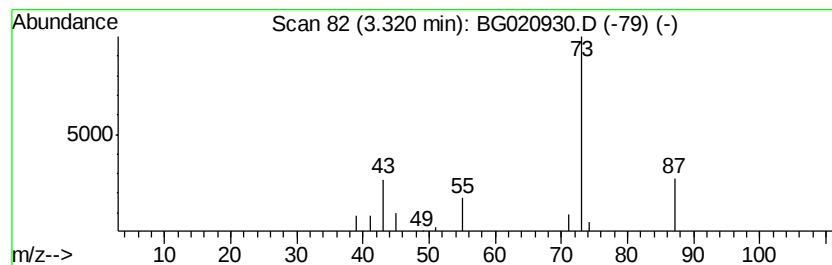
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	2.52 ng/ul	11369	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3		N-Ethylformamide	73	C3H7NO	000627-45-2	5
4		1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	4



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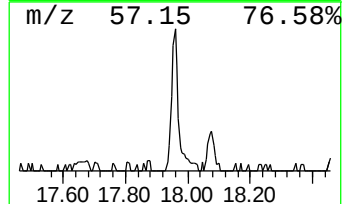
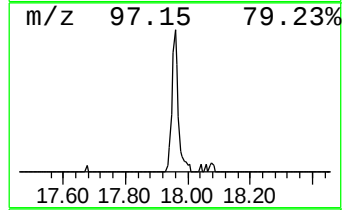
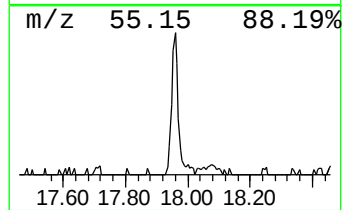
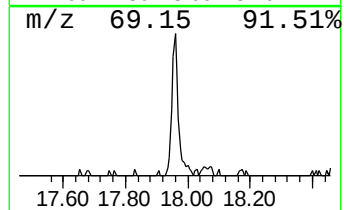
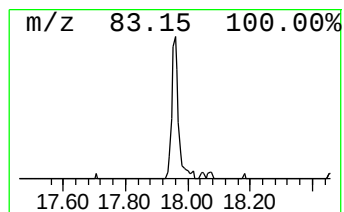
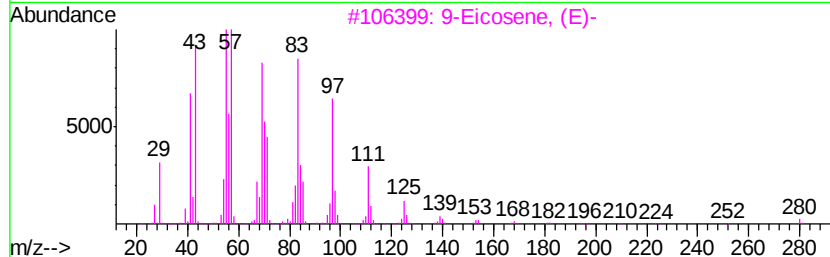
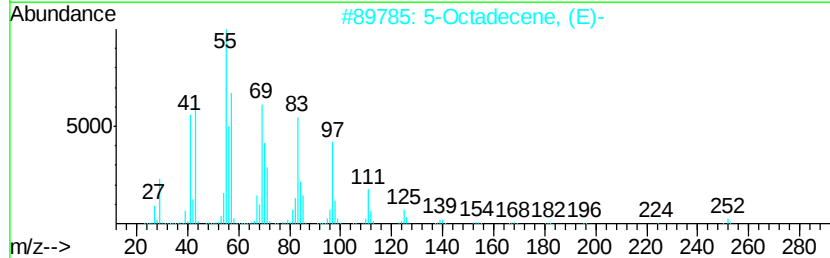
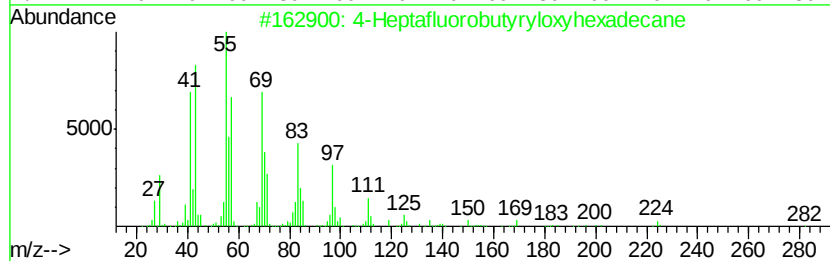
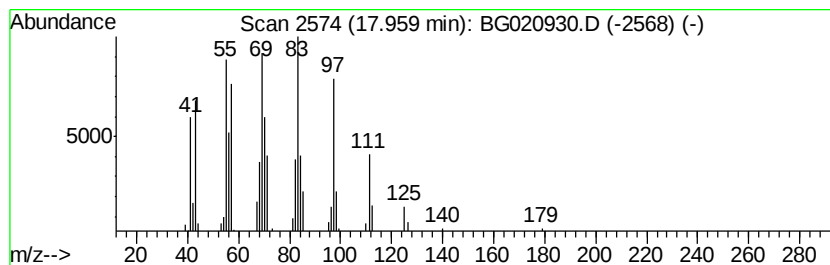
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4-Heptafluorobutyryloxyhexa... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.38 ng/ul	71334	Phenanthrene-d10	17.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3			9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4			1-Hexadecanol	242	C16H34O	036653-82-4	91
5			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91



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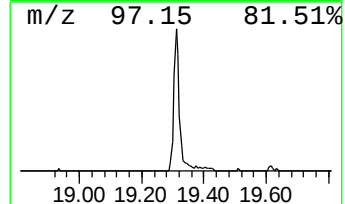
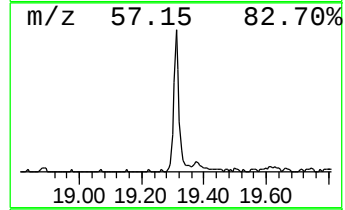
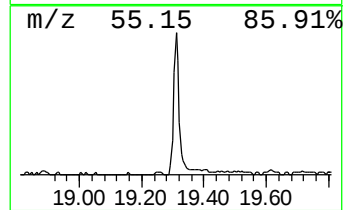
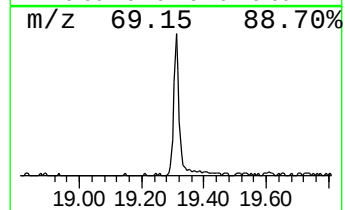
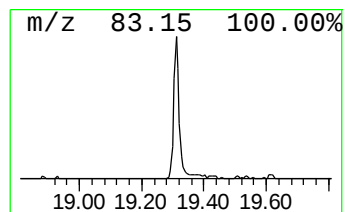
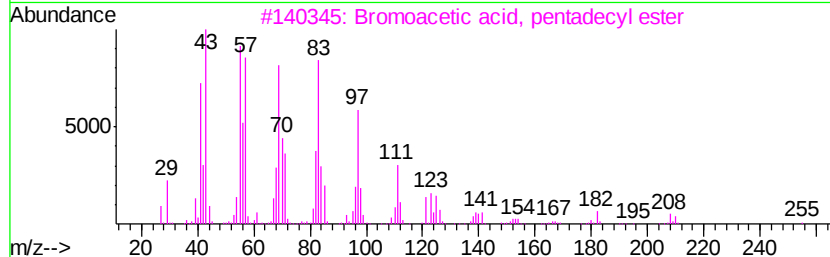
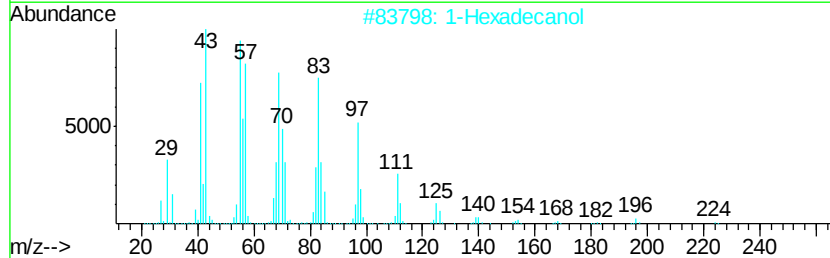
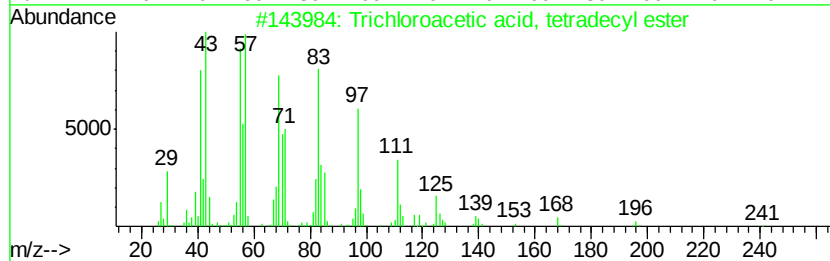
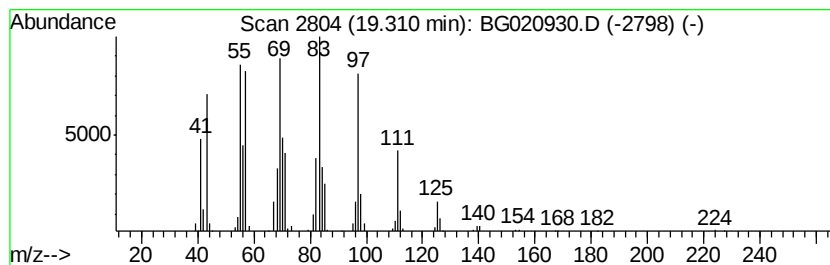
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Trichloroacetic acid, tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	9.67 ng/ul	157368	Phenanthrene-d10	17.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
4		1-Octadecanol	270	C18H38O	000112-92-5	91
5		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91



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0311-S05-0003

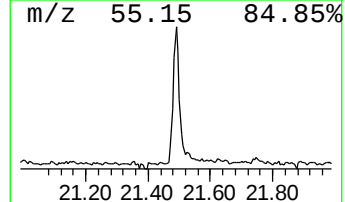
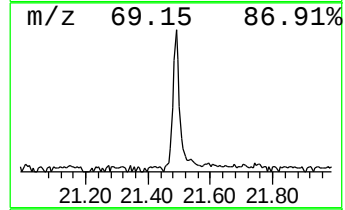
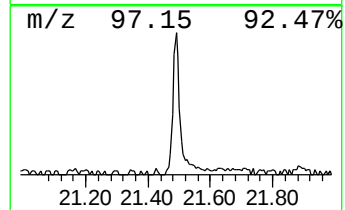
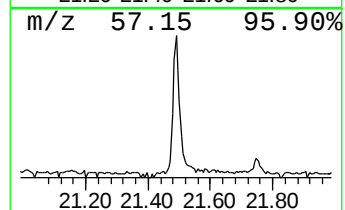
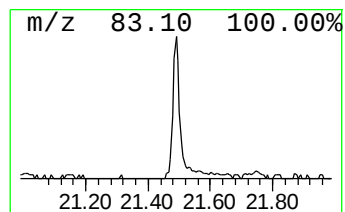
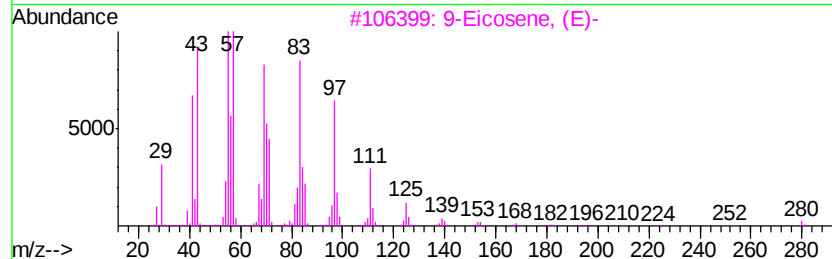
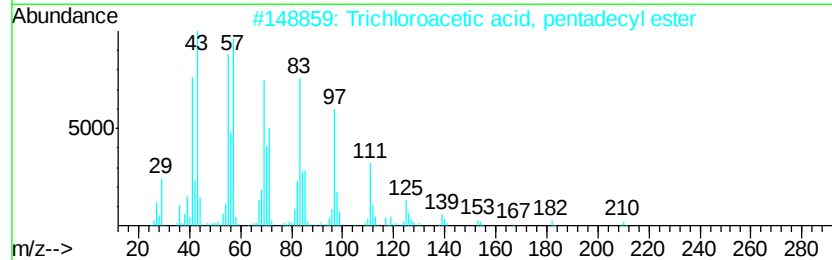
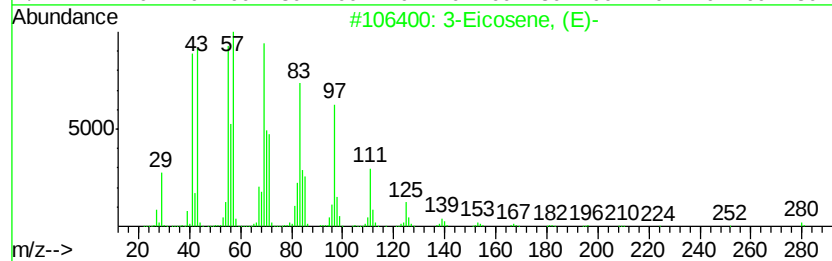
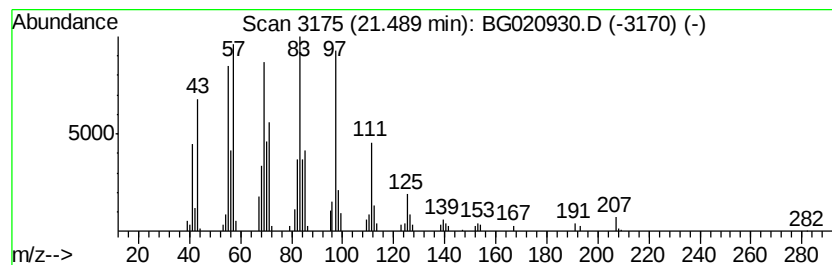
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	6.35 ng/ul	108232	Chrysene-d12	21.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
2	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	91
3	9-Eicosene, (E)-		280	C20H40	074685-29-3	91
4	1-Nonadecene		266	C19H38	018435-45-5	91
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
Data File : BG020930.D
Acq On : 17 Feb 2016 17:27
Operator : SJ/UM
Sample : H1477-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

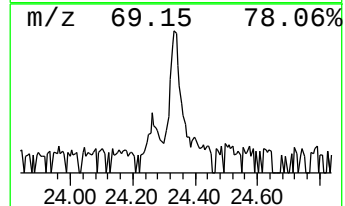
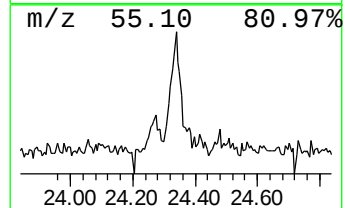
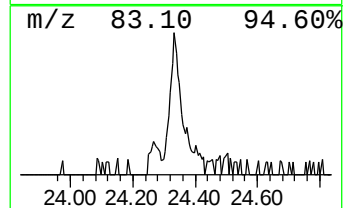
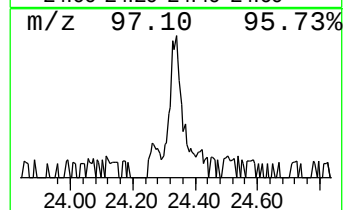
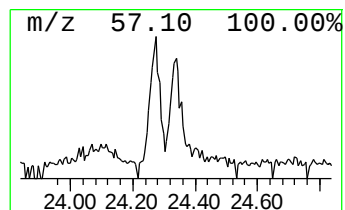
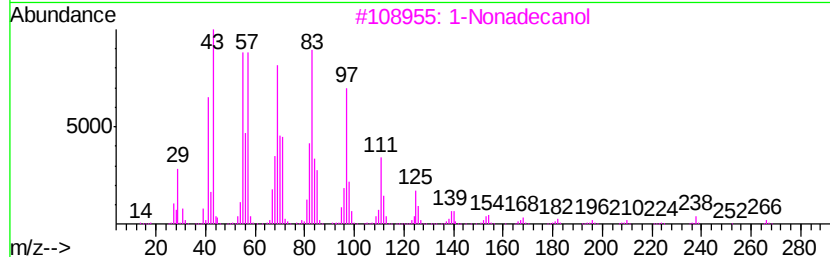
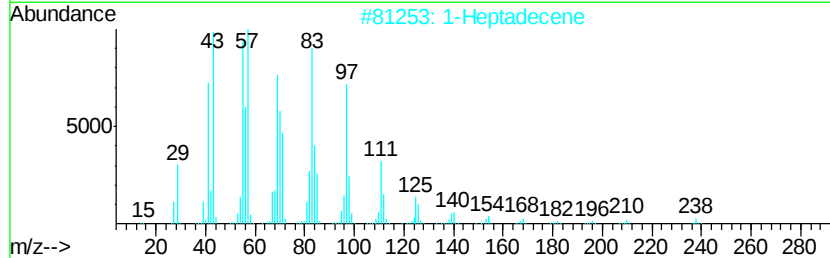
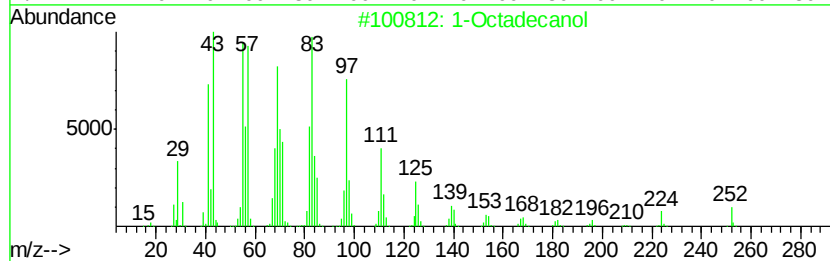
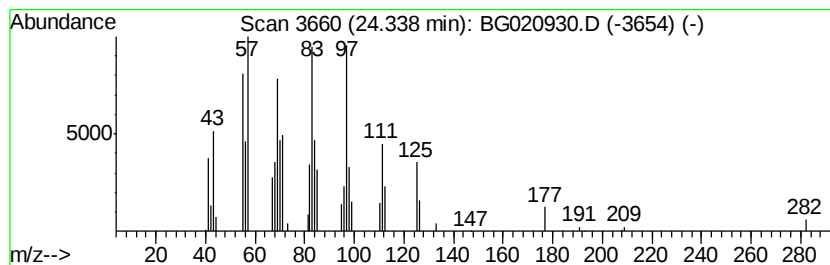
Instrument :
BNA_G
ClientSampleId :
0311-S05-0003

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Octadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	2.20 ng/ul	37400	Perylene-d12	25.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecanol	270 C18H38O	000112-92-5	91
2	1-Heptadecene	238 C17H34	006765-39-5	91
3	1-Nonadecanol	284 C19H40O	001454-84-8	91
4	Acetic acid, chloro-, octadecyl ...	346 C20H39ClO2	005348-82-3	91
5	Trichloroacetic acid, tetradecyl...	358 C16H29Cl3O2	074339-52-9	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021716\
Data File : BG020930.D
Acq On : 17 Feb 2016 17:27
Operator : SJ/UM
Sample : H1477-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0311-S05-0003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.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...	3.32	2.5	ng/ul	11369	1	8.26	90081	20.0
4-Heptafluorobuty...	17.96	4.4	ng/ul	71334	4	17.61	325635	20.0
Trichloroacetic a...	19.31	9.7	ng/ul	157368	4	17.61	325635	20.0
(DEL) Alkane: Cyc...	21.49	6.3	ng/ul	108232	5	21.88	340771	20.0
1-Octadecanol	24.34	2.2	ng/ul	37400	6	25.25	340288	20.0