

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020176.D
 Acq On : 15 Dec 2015 6:09
 Operator : UM/SJ
 Sample : G4787-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BN1

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-BG121415.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	3.123	44	48	57	rVV	29007	52987	7.57%	0.667%
2	3.200	58	61	67	rVB	15534	22692	3.24%	0.286%
3	3.476	104	108	113	rVB3	4422	6411	0.92%	0.081%
4	5.609	470	471	474	rBV2	930	985	0.14%	0.012%
5	7.060	713	718	721	rBV3	992	1631	0.23%	0.021%
6	7.248	743	750	760	rVB	92357	156838	22.39%	1.974%
7	7.418	771	779	787	rBV	69326	112955	16.13%	1.422%
8	7.624	808	814	823	rBV	86587	149537	21.35%	1.882%
9	7.812	843	846	848	rBV3	777	980	0.14%	0.012%
10	8.035	881	884	887	rBV3	789	981	0.14%	0.012%
11	8.100	889	895	902	rVB	71505	114334	16.32%	1.439%
12	8.799	1007	1014	1026	rBV2	124247	206380	29.47%	2.598%
13	9.263	1086	1093	1102	rVV	92622	160748	22.95%	2.023%
14	9.363	1105	1110	1115	rVB4	7331	12062	1.72%	0.152%
15	9.821	1183	1188	1191	rBV2	899	1054	0.15%	0.013%
16	9.945	1200	1209	1210	rBV4	3413	5153	0.74%	0.065%
17	9.992	1210	1217	1224	rVB	80034	144948	20.69%	1.825%
18	10.532	1301	1309	1316	rBV	126595	221024	31.56%	2.782%
19	10.673	1329	1333	1337	rVB5	1338	2491	0.36%	0.031%
20	10.914	1366	1374	1382	rBV	105314	185440	26.48%	2.334%
21	11.043	1389	1396	1405	rBV	112796	209710	29.94%	2.640%
22	11.343	1444	1447	1450	rBV2	803	976	0.14%	0.012%
23	12.365	1615	1621	1622	rBV	742	999	0.14%	0.013%
24	12.495	1640	1643	1646	rVB2	1553	2066	0.29%	0.026%
25	12.988	1722	1727	1730	rVB2	733	1281	0.18%	0.016%
26	13.082	1739	1743	1749	rVB3	676	1289	0.18%	0.016%
27	13.335	1782	1786	1788	rBV	1398	1267	0.18%	0.016%
28	13.540	1818	1821	1826	rVB2	2148	2763	0.39%	0.035%
29	14.128	1914	1921	1925	rBV	272057	396425	56.60%	4.990%
30	14.175	1925	1929	1935	rVB	131205	184873	26.39%	2.327%
31	14.422	1964	1971	1981	rVB	271569	424437	60.60%	5.343%
32	14.610	1996	2003	2009	rBV	12433	16189	2.31%	0.204%
33	14.680	2012	2015	2017	rBV2	933	1095	0.16%	0.014%
34	14.727	2017	2023	2031	rVB3	189789	309198	44.14%	3.892%

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35	14.909	2048	2054	2063	rBV	123339	190246	27.16%	2.395%
36	15.045	2073	2077	2078	rBV	2236	1669	0.24%	0.021%
37	15.109	2085	2088	2091	rVB3	2372	3243	0.46%	0.041%
38	15.162	2093	2097	2101	rVV3	2434	2932	0.42%	0.037%
39	15.221	2104	2107	2113	rVB5	3691	6583	0.94%	0.083%
40	15.291	2116	2119	2124	rVB4	2710	4111	0.59%	0.052%
41	15.509	2151	2156	2160	rBV4	3019	5240	0.75%	0.066%
42	15.556	2160	2164	2169	rVB2	20360	25358	3.62%	0.319%
43	15.620	2169	2175	2177	rBV3	1755	2851	0.41%	0.036%
44	15.720	2184	2192	2202	rBV	373080	567925	81.08%	7.149%
45	15.826	2204	2210	2217	rVB	93267	139040	19.85%	1.750%
46	15.955	2224	2232	2237	rBV3	8927	18359	2.62%	0.231%
47	16.002	2237	2240	2244	rVB3	1969	2228	0.32%	0.028%
48	16.055	2246	2249	2254	rVB4	2363	2938	0.42%	0.037%
49	16.114	2254	2259	2260	rBV3	2556	3092	0.44%	0.039%
50	16.179	2266	2270	2274	rBV2	3258	4731	0.68%	0.060%
51	16.419	2305	2311	2314	rBV	20166	29167	4.16%	0.367%
52	16.637	2344	2348	2351	rVB3	1037	1740	0.25%	0.022%
53	16.672	2351	2354	2357	rBV3	1254	1833	0.26%	0.023%
54	16.760	2364	2369	2372	rBV3	2816	5414	0.77%	0.068%
55	16.819	2376	2379	2382	rVV4	1908	3156	0.45%	0.040%
56	16.872	2386	2388	2393	rVV3	1460	2096	0.30%	0.026%
57	16.925	2393	2397	2400	rVV3	2130	2662	0.38%	0.034%
58	16.983	2404	2407	2414	rBV4	1395	3038	0.43%	0.038%
59	17.207	2439	2445	2449	rBV	11530	14684	2.10%	0.185%
60	17.260	2450	2454	2458	rVB3	3822	5547	0.79%	0.070%
61	17.401	2474	2478	2480	rVB2	836	1160	0.17%	0.015%
62	17.471	2482	2490	2497	rBV2	289604	436946	62.38%	5.500%
63	17.571	2500	2507	2517	rVB2	438891	663707	94.76%	8.355%
64	17.677	2522	2525	2528	rVB	1081	1347	0.19%	0.017%
65	17.947	2566	2571	2578	rVB4	4385	6567	0.94%	0.083%
66	18.341	2634	2638	2645	rBV	60627	84182	12.02%	1.060%
67	18.640	2685	2689	2692	rBV3	1591	1868	0.27%	0.024%
68	18.999	2748	2750	2754	rBV3	1101	1889	0.27%	0.024%
69	19.134	2772	2773	2776	rVB	1682	982	0.14%	0.012%
70	19.486	2826	2833	2837	rBV4	5856	10810	1.54%	0.136%
71	19.610	2849	2854	2862	rBV	22700	32119	4.59%	0.404%

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72	19.739	2872	2876	2879	rBV	3673	5757	0.82%	0.072%
73	19.851	2888	2895	2906	rBV	493140	700416	100.00%	8.817%
74	19.980	2914	2917	2920	rBV2	878	1410	0.20%	0.018%
75	20.086	2933	2935	2937	rVB3	1367	1003	0.14%	0.013%
76	20.197	2953	2954	2956	rBV2	2433	2114	0.30%	0.027%
77	20.432	2992	2994	2997	rBV2	1153	1046	0.15%	0.013%
78	20.609	3022	3024	3025	rBV2	1141	1103	0.16%	0.014%
79	20.744	3042	3047	3052	rBV	16097	21681	3.10%	0.273%
80	20.850	3062	3065	3069	rBV5	2158	3128	0.45%	0.039%
81	21.367	3148	3153	3167	rBV	89421	140730	20.09%	1.772%
82	21.743	3211	3217	3224	rBV	315760	504574	72.04%	6.352%
83	22.148	3284	3286	3290	rBV5	2123	1943	0.28%	0.024%
84	23.241	3468	3472	3478	rVB7	4885	8653	1.24%	0.109%
85	24.786	3726	3735	3747	rVB	234677	613429	87.58%	7.722%
86	25.015	3765	3774	3787	rVB	177522	492798	70.36%	6.203%
87	26.190	3966	3974	3981	rVB8	8916	24113	3.44%	0.304%
88	26.308	3989	3994	3999	rBV8	5961	15230	2.17%	0.192%
89	29.727	4574	4576	4577	rBV2	2086	1325	0.19%	0.017%

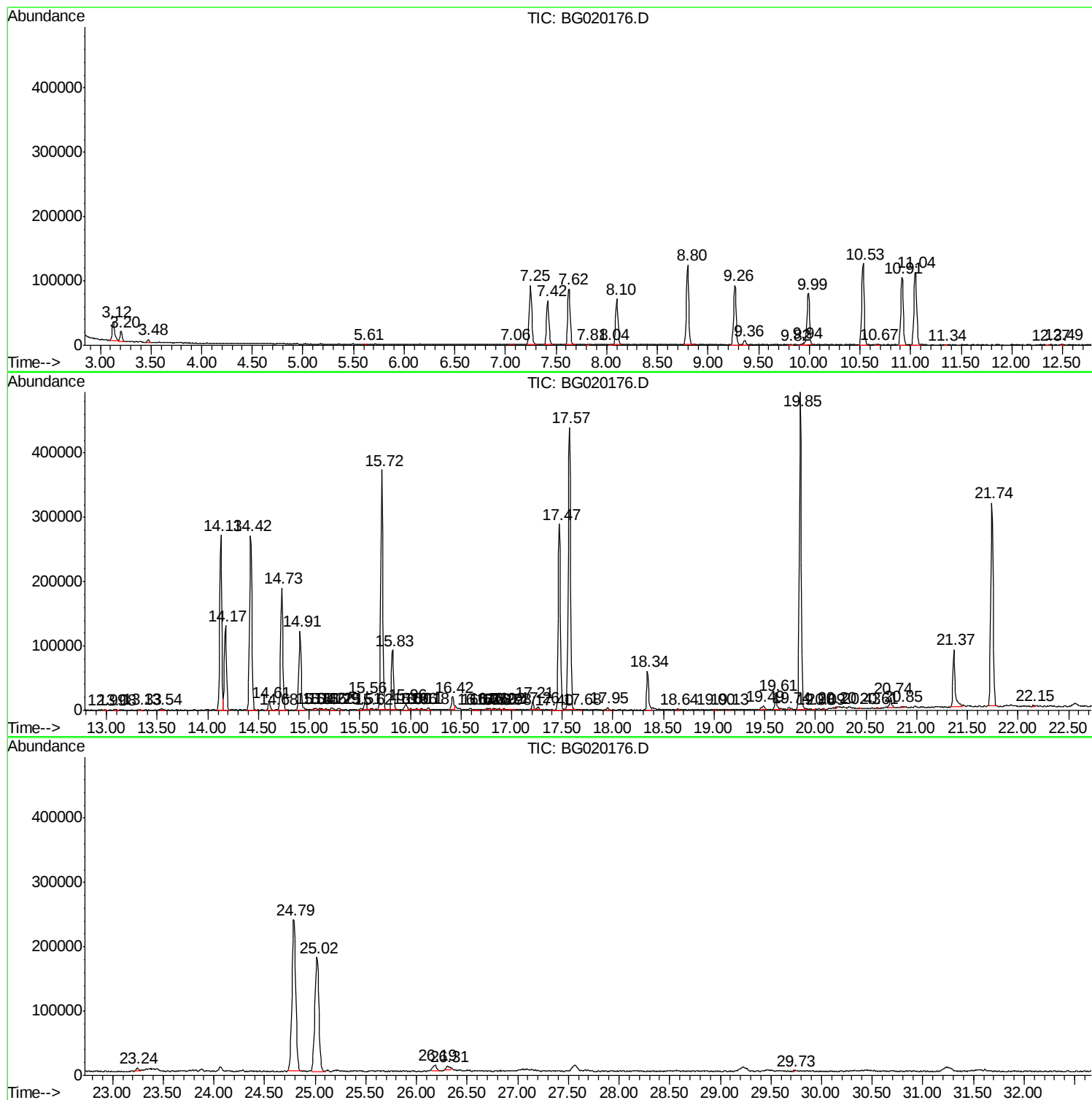
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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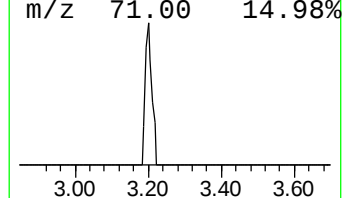
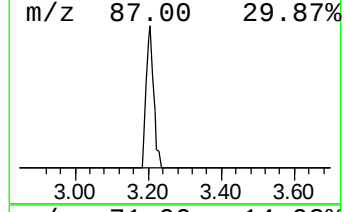
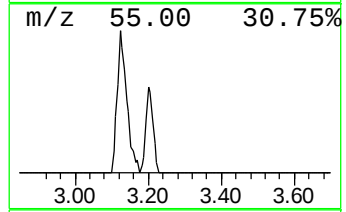
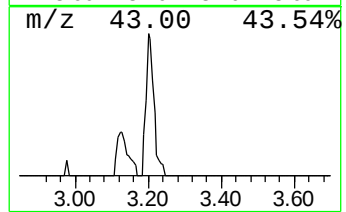
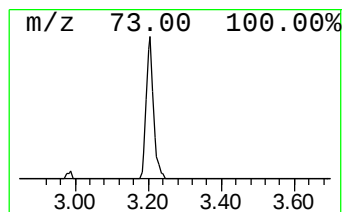
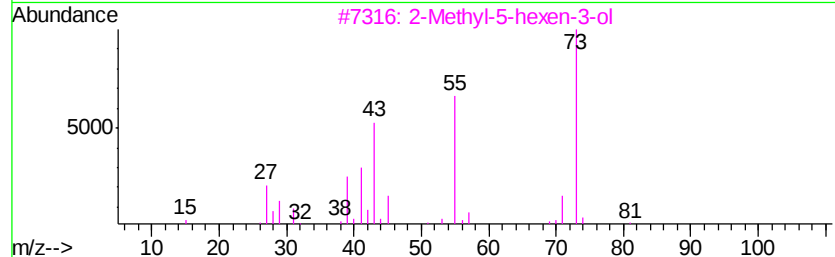
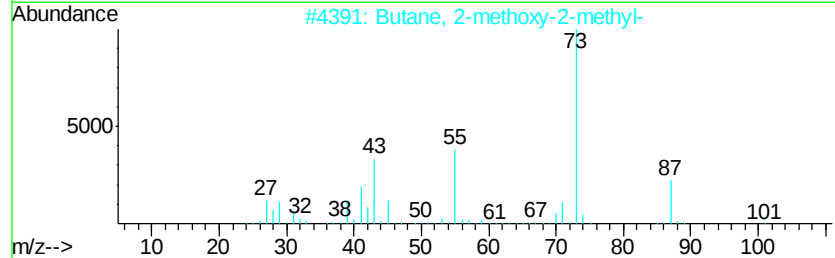
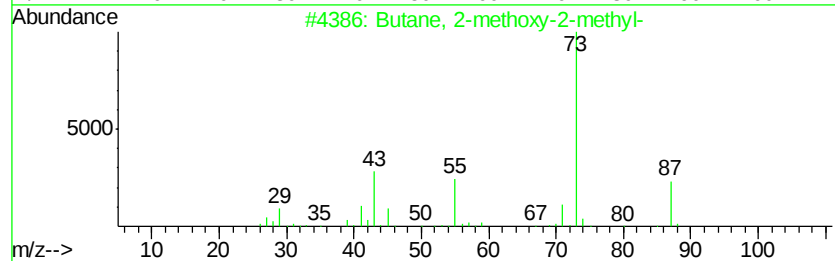
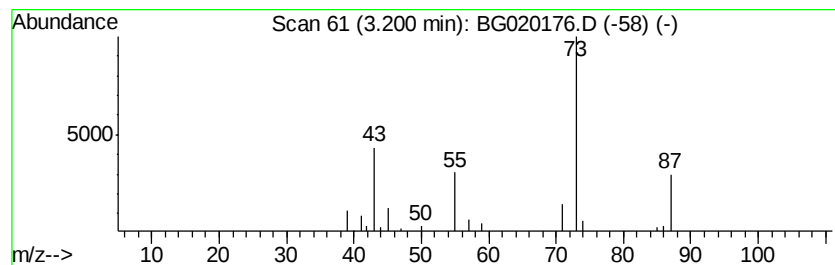
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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.
3.20	3.97 ng/ul	22692	1,4-Dichlorobenzene-d4	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4			Acetamide, N-(2-hydroxy-3-penten...	143	C7H13NO2	093393-95-4	9
5			1,3-Dioxolane, 2-(1-methylpropyl)-	130	C7H14O2	014447-25-7	9



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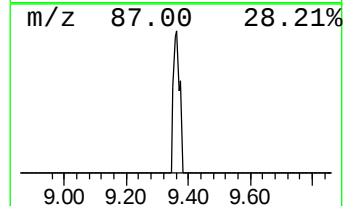
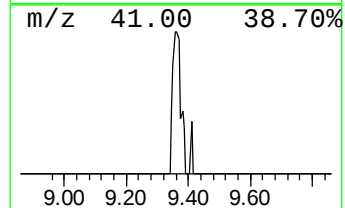
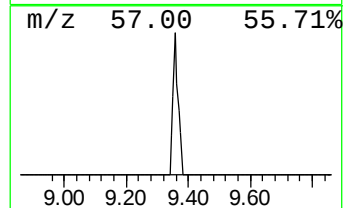
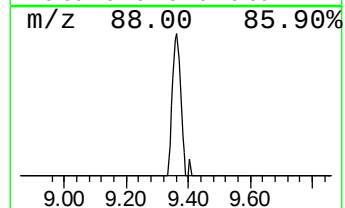
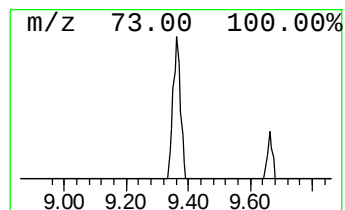
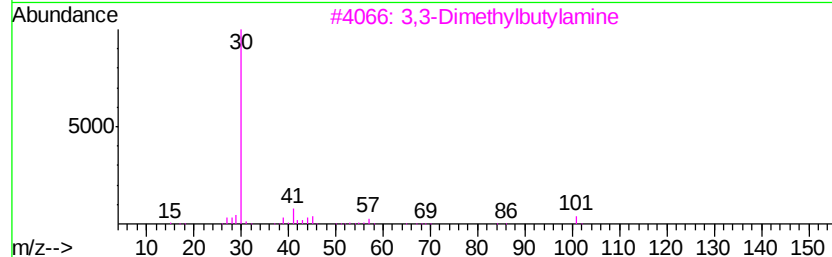
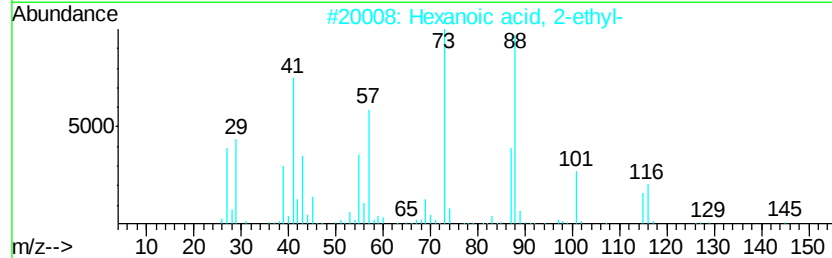
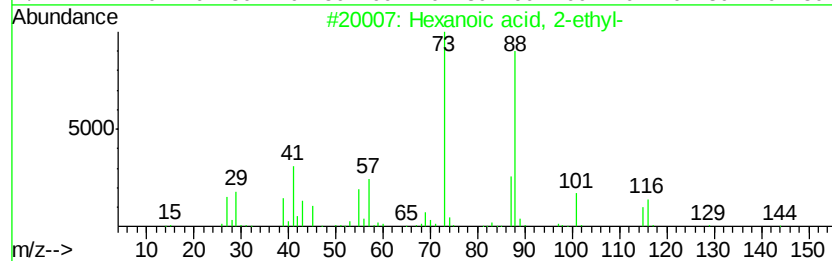
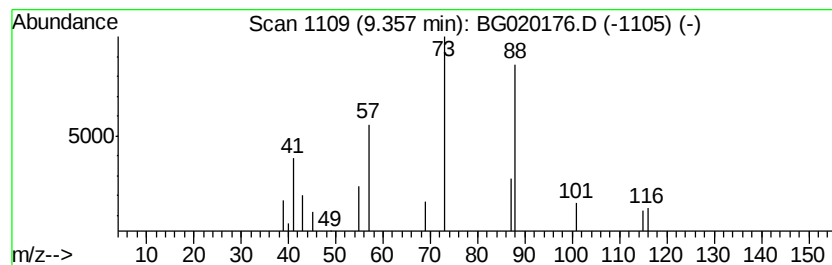
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.11 ng/ul	12062	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42
3		3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	9
4		1,4-Dioxane	88	C4H8O2	000123-91-1	9
5		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	9



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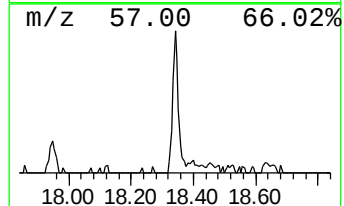
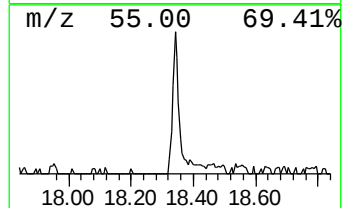
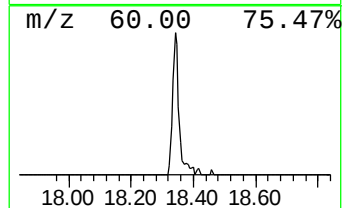
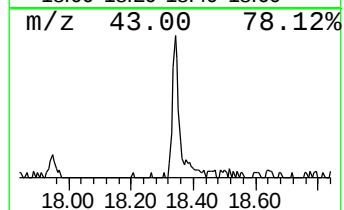
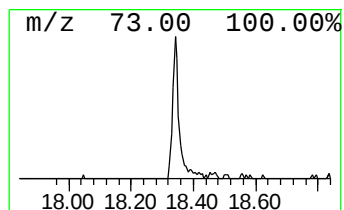
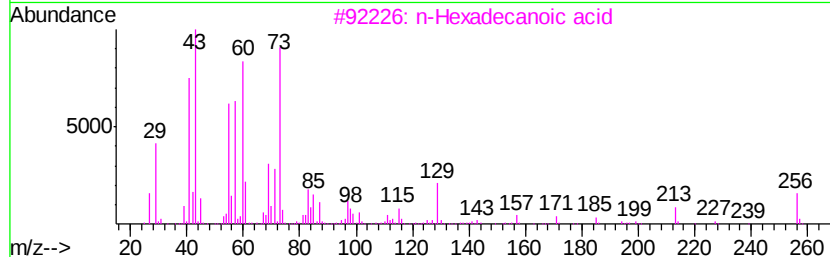
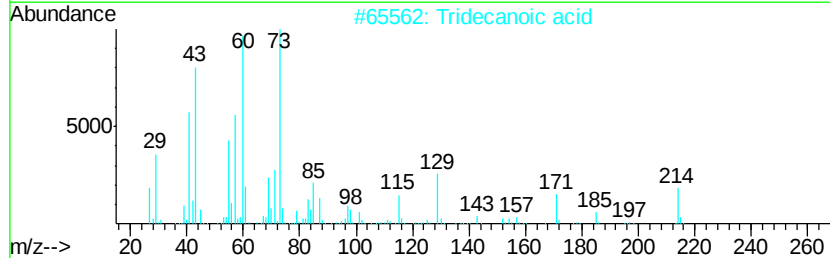
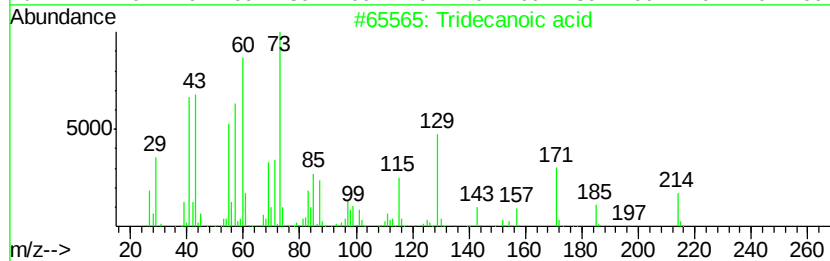
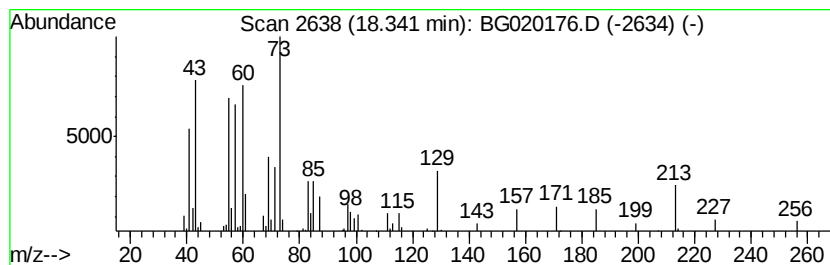
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.85 ng/ul	84182	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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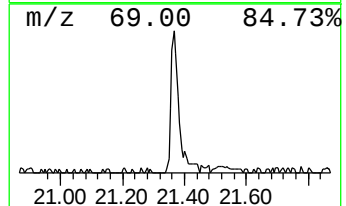
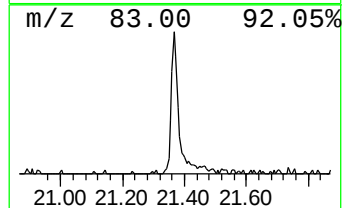
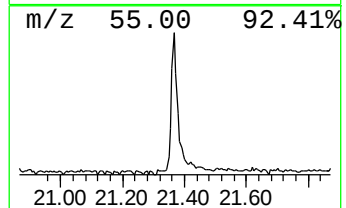
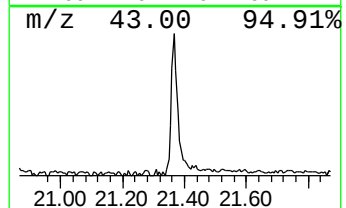
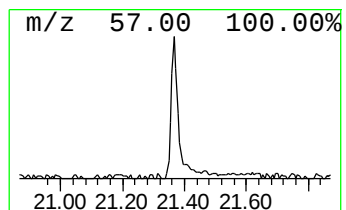
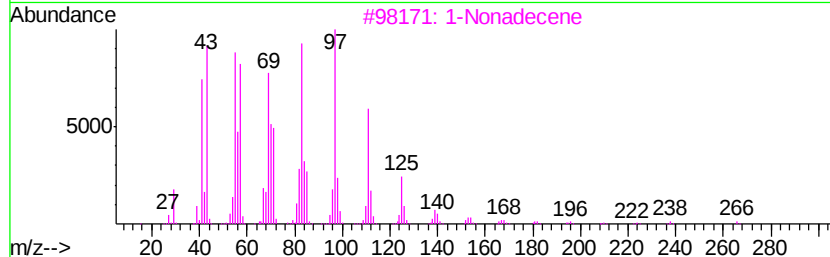
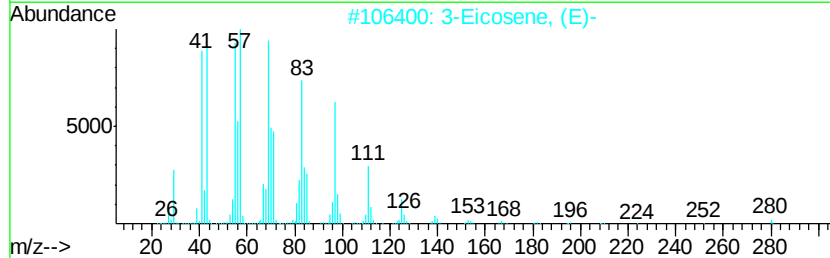
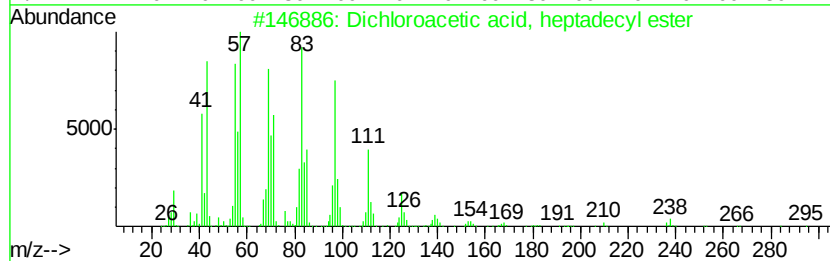
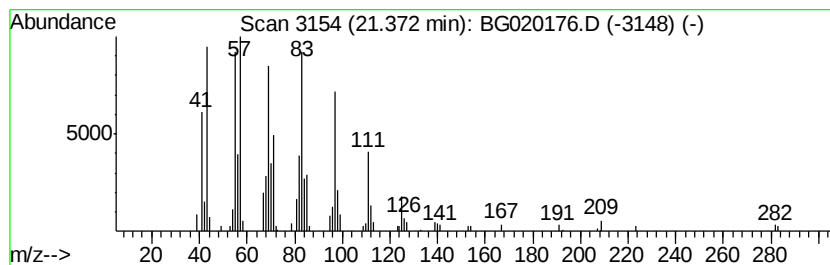
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Dichloroacetic acid, heptadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	5.58 ng/ul	140730	Chrysene-d12	21.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		1-Heptadecanol	256	C17H36O	001454-85-9	91
5		2-Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020176.D
Acq On : 15 Dec 2015 6:09
Operator : UM/SJ
Sample : G4787-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9BN1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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...	3.20	4.0	ng/ul	22692	1	8.10	114334	20.0
Hexanoic acid, 2-...	9.36	2.1	ng/ul	12062	1	8.10	114334	20.0
Tridecanoic acid	18.34	3.9	ng/ul	84182	4	17.47	436946	20.0
Dichloroacetic ac...	21.37	5.6	ng/ul	140730	5	21.74	504574	20.0