

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020370.D
 Acq On : 21 Dec 2015 9:00
 Operator : UM/SJ
 Sample : G4848-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N65

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	2.985	23	25	29	rVB4	965	1285	0.15%	0.016%
2	3.114	42	47	56	rBV	25004	44789	5.21%	0.547%
3	3.190	56	60	67	rVB	15344	21505	2.50%	0.263%
4	3.461	103	106	113	rVB	4055	5828	0.68%	0.071%
5	7.068	718	720	726	rBB	951	1582	0.18%	0.019%
6	7.250	745	751	762	rBB	97139	169428	19.72%	2.071%
7	7.409	772	778	787	rVB	74217	122295	14.23%	1.495%
8	7.579	802	807	808	rBV	1267	1694	0.20%	0.021%
9	7.621	808	814	823	rVB	95830	165636	19.28%	2.024%
10	8.091	887	894	901	rBB	65806	104575	12.17%	1.278%
11	8.802	1008	1015	1024	rBV	137004	226360	26.35%	2.766%
12	9.260	1086	1093	1102	rBB	97763	171307	19.94%	2.094%
13	9.371	1106	1112	1120	rBB2	8039	13080	1.52%	0.160%
14	9.982	1209	1216	1224	rBB	88439	154892	18.03%	1.893%
15	10.376	1281	1283	1287	rVB2	2035	2509	0.29%	0.031%
16	10.529	1301	1309	1317	rBV	140875	246224	28.66%	3.009%
17	10.911	1366	1374	1379	rBV	93899	170559	19.85%	2.084%
18	10.958	1379	1382	1388	rVB	22541	35697	4.15%	0.436%
19	11.040	1389	1396	1407	rBV	125616	233954	27.23%	2.859%
20	11.733	1510	1514	1518	rBB	1255	1794	0.21%	0.022%
21	12.086	1571	1574	1578	rBB	856	1311	0.15%	0.016%
22	12.480	1638	1641	1648	rBB4	1794	3176	0.37%	0.039%
23	12.556	1649	1654	1660	rBB3	3883	6244	0.73%	0.076%
24	12.773	1686	1691	1696	rBB2	2188	3253	0.38%	0.040%
25	13.320	1781	1784	1788	rBB2	1753	1841	0.21%	0.022%
26	13.549	1820	1823	1829	rBB	1108	1601	0.19%	0.020%
27	14.125	1914	1921	1925	rBV	269240	395942	46.08%	4.839%
28	14.172	1925	1929	1935	rVB	133424	189037	22.00%	2.310%
29	14.418	1964	1971	1980	rBV	298966	458783	53.40%	5.607%
30	14.595	1998	2001	2005	rBB	2009	2280	0.27%	0.028%
31	14.724	2017	2023	2030	rBV2	167079	263520	30.67%	3.221%
32	14.789	2030	2034	2038	rVB2	4482	5859	0.68%	0.072%
33	14.853	2040	2045	2051	rVB	1137	2080	0.24%	0.025%
34	14.924	2051	2057	2066	rBV	104934	170220	19.81%	2.080%

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35	15.118	2084	2090	2096	rBV3	5223	8456	0.98%	0.103%
36	15.212	2101	2106	2111	rBB2	1242	1678	0.20%	0.021%
37	15.500	2151	2155	2159	rBV	3664	4703	0.55%	0.057%
38	15.547	2159	2163	2168	rVB	6666	8347	0.97%	0.102%
39	15.711	2185	2191	2198	rVV	407571	611409	71.16%	7.472%
40	15.764	2198	2200	2205	rVB	3693	5028	0.59%	0.061%
41	15.829	2205	2211	2218	rBV	107537	157355	18.31%	1.923%
42	15.952	2225	2232	2235	rBV4	5560	9151	1.07%	0.112%
43	16.052	2244	2249	2252	rVB2	1045	1669	0.19%	0.020%
44	16.099	2252	2257	2260	rBB	1185	1433	0.17%	0.018%
45	16.404	2304	2309	2312	rBV2	9403	13612	1.58%	0.166%
46	16.434	2312	2314	2318	rVB3	5261	6112	0.71%	0.075%
47	16.592	2335	2341	2346	rVV	1415	2061	0.24%	0.025%
48	16.639	2346	2349	2352	rBV2	974	1440	0.17%	0.018%
49	16.757	2367	2369	2371	rVV2	1322	1419	0.17%	0.017%
50	16.916	2392	2396	2398	rBV2	1274	1712	0.20%	0.021%
51	17.121	2428	2431	2436	rVB2	1451	1627	0.19%	0.020%
52	17.198	2439	2444	2448	rBV	7844	10463	1.22%	0.128%
53	17.245	2448	2452	2456	rBV3	2783	3944	0.46%	0.048%
54	17.468	2483	2490	2495	rBV	224613	333255	38.79%	4.073%
55	17.509	2495	2497	2501	rVV	17558	20251	2.36%	0.247%
56	17.568	2501	2507	2519	rVB	450787	676706	78.76%	8.270%
57	17.826	2546	2551	2552	rVV2	1170	1289	0.15%	0.016%
58	17.856	2552	2556	2557	rVV	1361	1696	0.20%	0.021%
59	17.867	2557	2558	2564	rVV2	3324	3165	0.37%	0.039%
60	17.938	2566	2570	2574	rBV2	4544	5481	0.64%	0.067%
61	18.337	2634	2638	2643	rBV3	5877	7421	0.86%	0.091%
62	18.414	2648	2651	2654	rVV	1241	1329	0.15%	0.016%
63	18.537	2669	2672	2674	rBV	1399	1419	0.17%	0.017%
64	18.625	2684	2687	2689	rBV2	2296	2099	0.24%	0.026%
65	18.760	2705	2710	2713	rBV4	3132	3960	0.46%	0.048%
66	19.377	2814	2815	2818	rBV2	1231	1461	0.17%	0.018%
67	19.483	2827	2833	2835	rBV4	5247	8302	0.97%	0.101%
68	19.512	2835	2838	2842	rVB	6993	9155	1.07%	0.112%
69	19.736	2871	2876	2878	rBV	4688	6508	0.76%	0.080%
70	19.847	2889	2895	2905	rVV	583261	843491	98.17%	10.308%
71	19.953	2911	2913	2916	rVV3	1466	1357	0.16%	0.017%

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72	20.135	2941	2944	2948	rVV4	1447	2364	0.28%	0.029%
73	20.740	3041	3047	3054	rBV	62667	83651	9.74%	1.022%
74	20.840	3062	3064	3067	rBV4	1405	1536	0.18%	0.019%
75	21.357	3148	3152	3162	rBV6	8185	19693	2.29%	0.241%
76	21.610	3193	3195	3199	rVB5	2038	1666	0.19%	0.020%
77	21.739	3211	3217	3225	rBV	272040	441196	51.35%	5.392%
78	21.910	3244	3246	3251	rBV5	2313	3674	0.43%	0.045%
79	23.226	3465	3470	3475	rBV6	5332	9205	1.07%	0.112%
80	23.426	3497	3504	3510	rBV	47085	90516	10.53%	1.106%
81	23.655	3541	3543	3545	rBV2	1818	1778	0.21%	0.022%
82	23.872	3575	3580	3581	rVV5	4265	6391	0.74%	0.078%
83	24.037	3606	3608	3615	rVB8	5508	9346	1.09%	0.114%
84	24.131	3622	3624	3626	rBV2	1606	1631	0.19%	0.020%
85	24.789	3722	3736	3750	rBV	302736	859201	100.00%	10.500%
86	25.012	3765	3774	3787	rVB2	149083	409984	47.72%	5.010%
87	26.146	3960	3967	3975	rBV7	7387	19965	2.32%	0.244%
88	26.346	3999	4001	4002	rBV	1745	1367	0.16%	0.017%
89	26.780	4073	4075	4077	rVB2	1865	1533	0.18%	0.019%
90	26.804	4077	4079	4082	rVB4	1725	1443	0.17%	0.018%
91	26.927	4098	4100	4104	rBV4	1721	2327	0.27%	0.028%
92	27.521	4195	4201	4209	rVB9	7053	18243	2.12%	0.223%
93	27.832	4252	4254	4257	rBV3	1860	1852	0.22%	0.023%
94	28.502	4366	4368	4370	rBV3	1532	1469	0.17%	0.018%
95	29.119	4471	4473	4475	rBV3	2380	2938	0.34%	0.036%
96	29.865	4598	4600	4601	rBV2	1969	1550	0.18%	0.019%
97	30.124	4641	4644	4647	rBV4	1815	2720	0.32%	0.033%
98	30.846	4766	4767	4770	rBV3	1706	1297	0.15%	0.016%
99	31.146	4815	4818	4819	rBV3	2351	2325	0.27%	0.028%
100	32.392	5028	5030	5031	rBV2	1580	1567	0.18%	0.019%

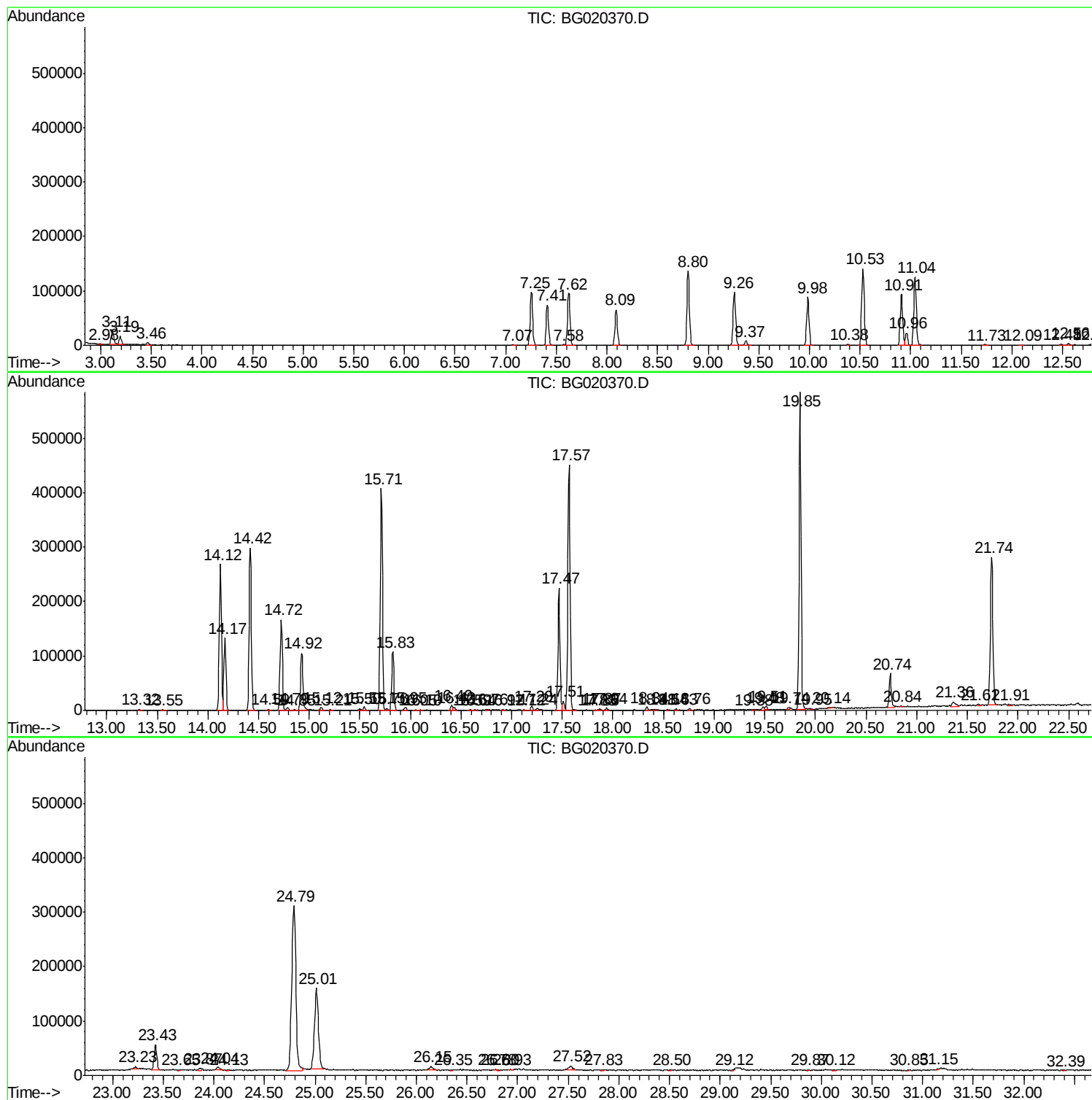
Sum of corrected areas: 8182532

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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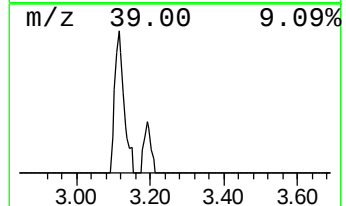
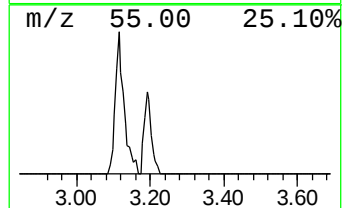
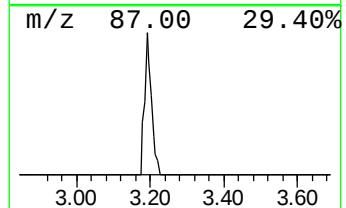
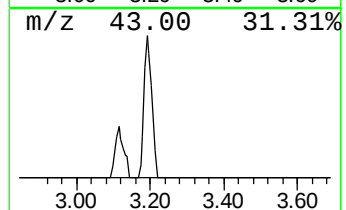
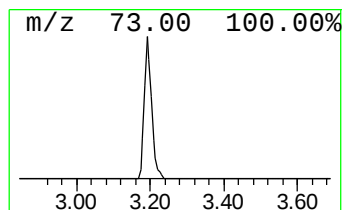
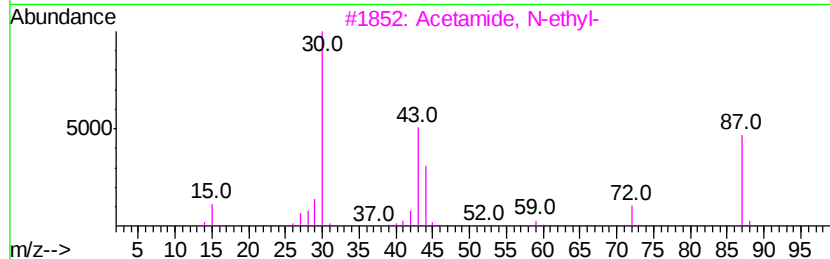
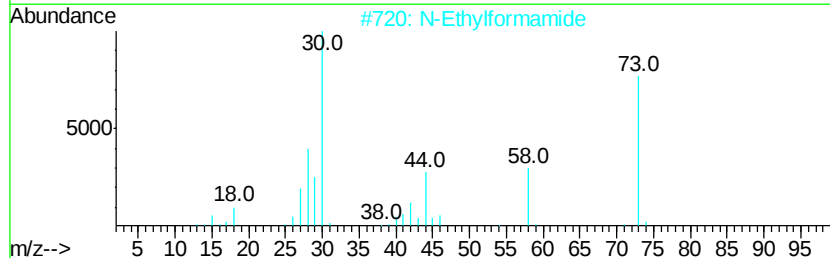
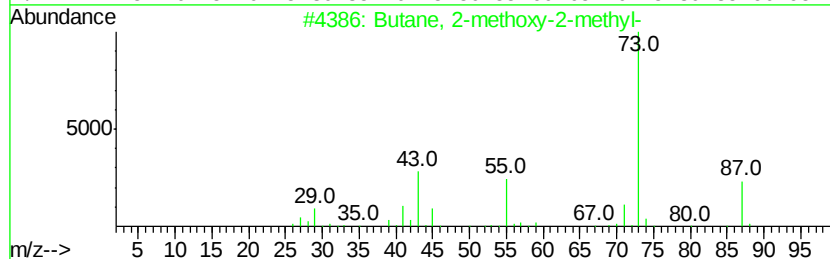
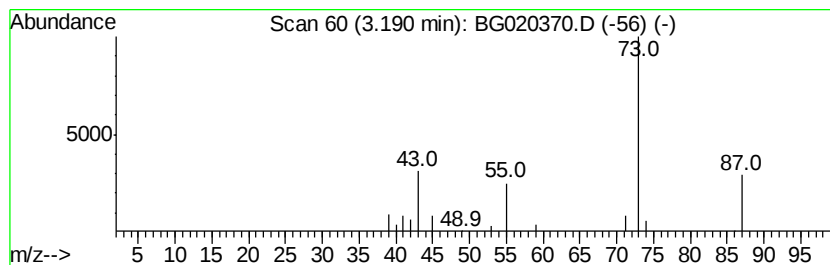
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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.
3.19	4.11 ng/ul	21505	1,4-Dichlorobenzene-d4	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5			N-Ethylformamide	73	C3H7NO	000627-45-2	4



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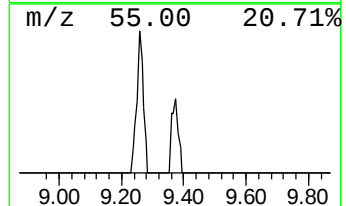
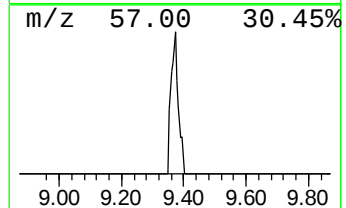
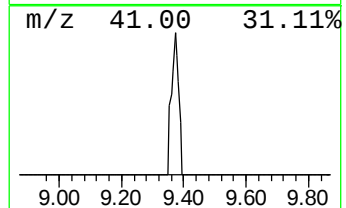
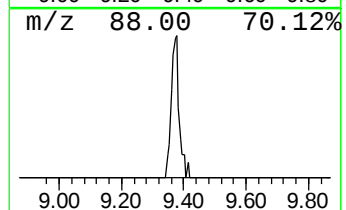
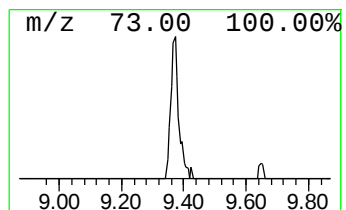
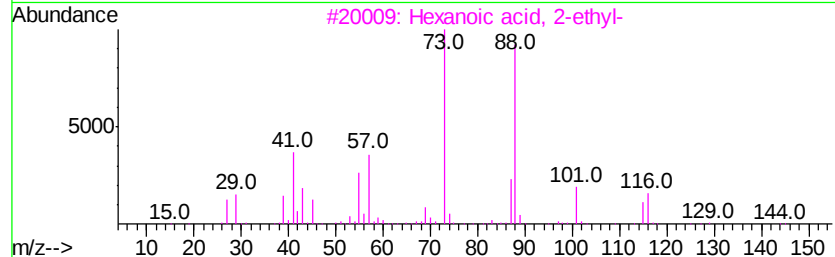
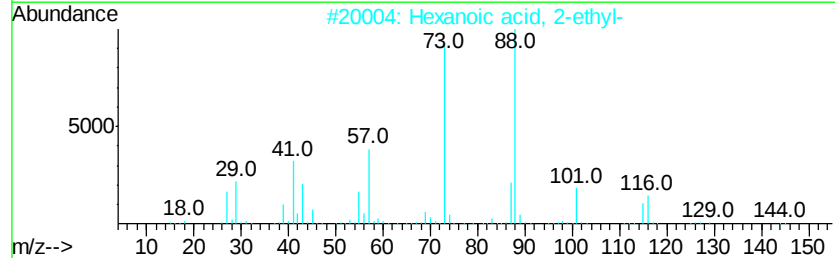
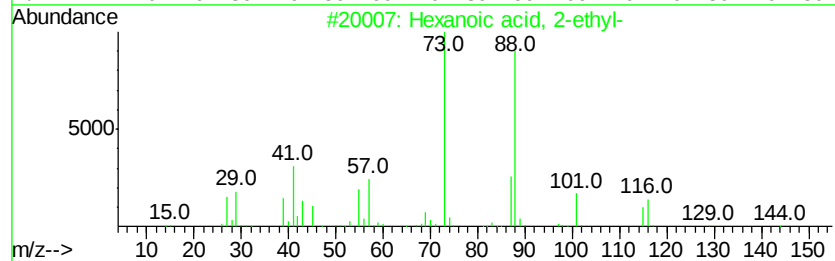
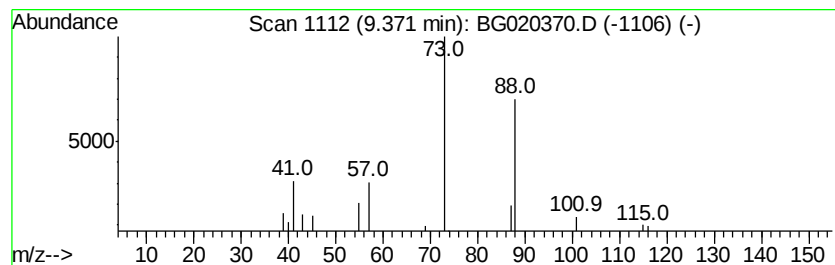
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.50 ng/ul	13080	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
4		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	45
5		1-Methyl-1-silacyclopentan-1-ol	116	C5H12OSi	1000216-84-4	23



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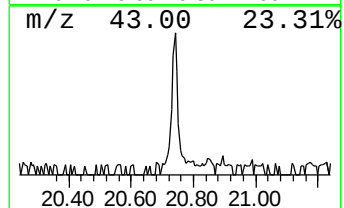
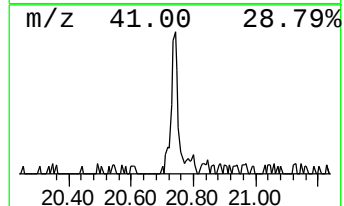
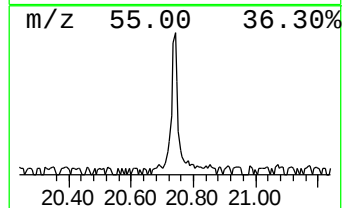
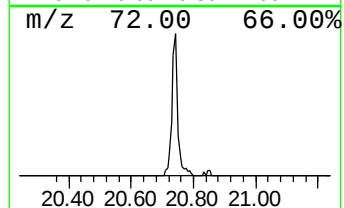
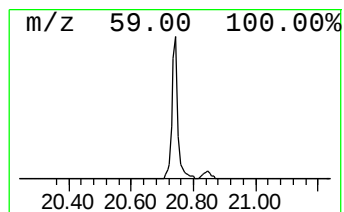
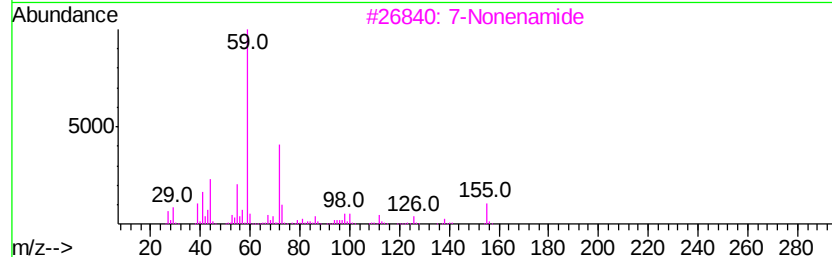
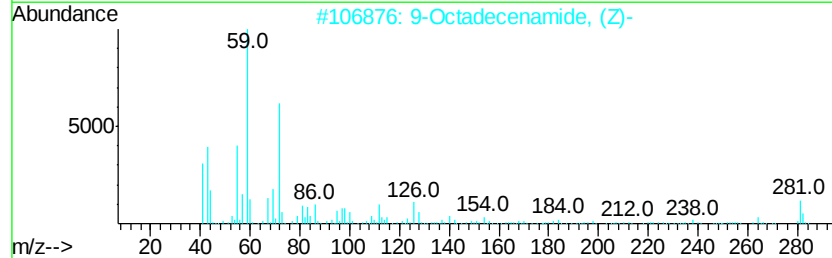
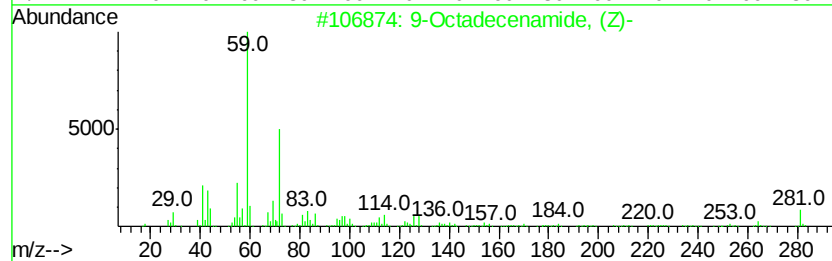
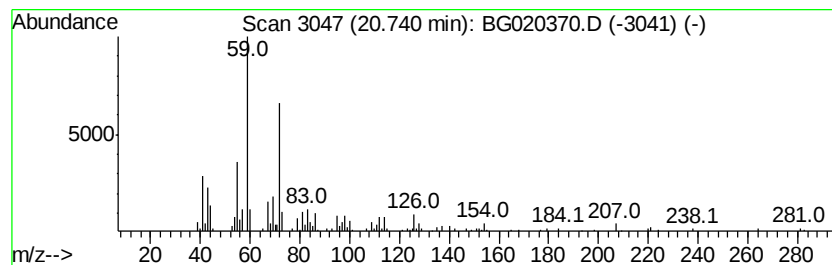
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Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	3.79 ng/ul	83651	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3		7-Nonenamide	155	C9H17NO	090949-53-4	83
4		Hexadecanamide	255	C16H33NO	000629-54-9	78
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020370.D
Acq On : 21 Dec 2015 9:00
Operator : UM/SJ
Sample : G4848-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N65

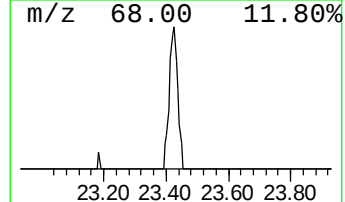
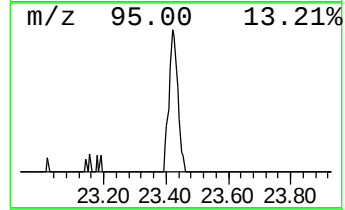
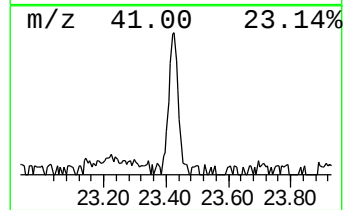
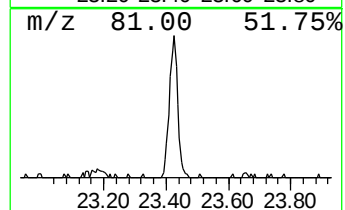
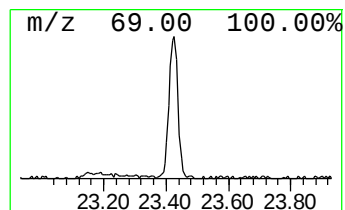
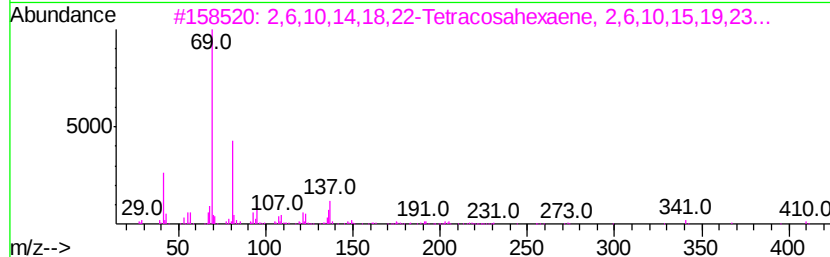
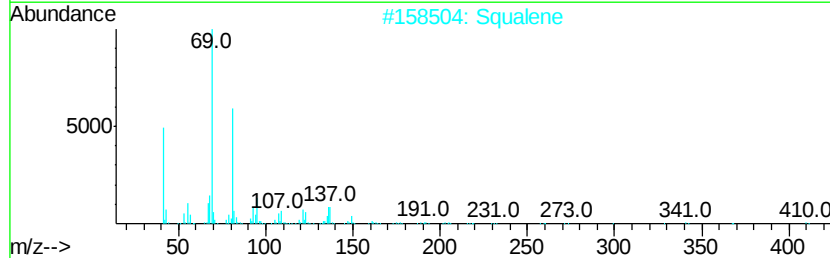
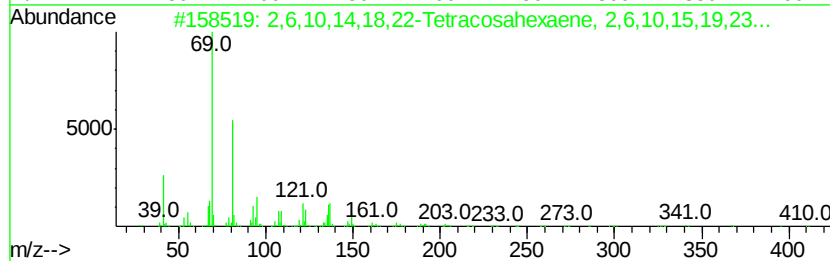
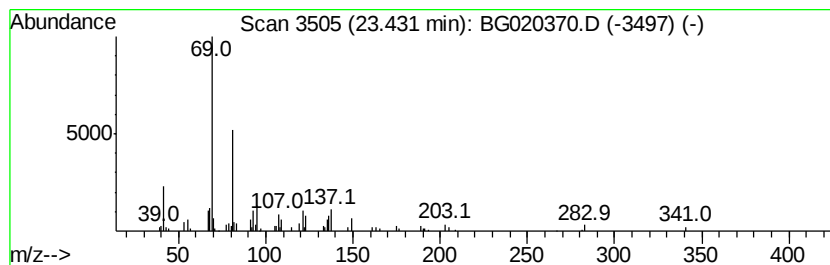
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,6,10,14,18,22-Tetracosah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.43	4.42 ng/ul	90516	Perylene-d12	25.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
2		Squalene	410	C30H50	007683-64-9	91
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4		Squalene	410	C30H50	007683-64-9	91
5		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
Data File : BG020370.D
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Sample : G4848-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N65

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...	3.19	4.1	ng/ul	21505	1	8.09	104575	20.0
Hexanoic acid, 2-...	9.37	2.5	ng/ul	13080	1	8.09	104575	20.0
9-Octadecenamide, ...	20.74	3.8	ng/ul	83651	5	21.74	441196	20.0
2,6,10,14,18,22-T...	23.43	4.4	ng/ul	90516	6	25.01	409984	20.0