

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018132.D
 Acq On : 28 Jul 2015 2:37
 Operator : TP/UM
 Sample : G3048-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01X1

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-BG072315.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	3.281	98	101	106	rBV	9449	12923	1.28%	0.119%
2	6.031	565	569	582	rVB2	31240	49690	4.93%	0.458%
3	6.436	636	638	639	rBV	2117	1594	0.16%	0.015%
4	6.689	676	681	690	rVB	131492	200540	19.91%	1.847%
5	6.853	704	709	716	rVB	101663	155531	15.44%	1.433%
6	7.041	735	741	749	rVB	147313	222310	22.07%	2.048%
7	7.112	750	753	758	rVB2	4635	7155	0.71%	0.066%
8	7.506	814	820	829	rVB	124948	196064	19.46%	1.806%
9	8.222	936	942	951	rVB	191247	297193	29.50%	2.738%
10	8.663	1009	1017	1023	rBV	125536	203300	20.18%	1.873%
11	9.333	1127	1131	1133	rBV2	2226	3425	0.34%	0.032%
12	9.380	1133	1139	1147	rVB	101026	168700	16.75%	1.554%
13	9.556	1167	1169	1173	rVB2	1281	1589	0.16%	0.015%
14	9.914	1224	1230	1241	rVB	200297	318408	31.61%	2.933%
15	10.079	1252	1258	1262	rBV2	9883	14537	1.44%	0.134%
16	10.291	1287	1294	1301	rVB	190690	305621	30.34%	2.815%
17	10.432	1312	1318	1329	rBV	163939	270701	26.87%	2.494%
18	11.137	1434	1438	1442	rVB4	958	1570	0.16%	0.014%
19	12.517	1667	1673	1679	rBV	21488	32866	3.26%	0.303%
20	12.776	1712	1717	1725	rVB	36980	52302	5.19%	0.482%
21	13.075	1765	1768	1771	rBV4	2832	4001	0.40%	0.037%
22	13.598	1849	1857	1861	rBV	359481	505677	50.20%	4.658%
23	13.640	1861	1864	1870	rVV	140402	195186	19.38%	1.798%
24	13.869	1895	1903	1912	rBV	392553	584873	58.06%	5.388%
25	14.098	1939	1942	1945	rVB2	1914	2323	0.23%	0.021%
26	14.180	1949	1956	1967	rVV2	307388	462545	45.92%	4.261%
27	14.397	1987	1993	2005	rBV	143330	215443	21.39%	1.985%
28	14.615	2026	2030	2033	rVB5	1281	1764	0.18%	0.016%
29	14.721	2044	2048	2052	rBV2	3166	4113	0.41%	0.038%
30	14.844	2066	2069	2075	rBV3	2396	3754	0.37%	0.035%
31	14.997	2093	2095	2097	rVV	3195	3063	0.30%	0.028%
32	15.020	2097	2099	2102	rVV3	3396	3531	0.35%	0.033%
33	15.056	2102	2105	2109	rVB3	4066	5038	0.50%	0.046%
34	15.179	2120	2126	2137	rBV	542067	752296	74.68%	6.930%

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35	15.308	2143	2148	2155	rBV	120691	162425	16.12%	1.496%
36	15.420	2163	2167	2169	rBV3	2005	3019	0.30%	0.028%
37	15.467	2169	2175	2178	rVB4	3872	6425	0.64%	0.059%
38	15.549	2184	2189	2193	rVB4	2241	3659	0.36%	0.034%
39	15.608	2198	2199	2205	rVB3	1355	1626	0.16%	0.015%
40	15.678	2209	2211	2215	rVV3	1592	1660	0.16%	0.015%
41	15.755	2219	2224	2225	rVV2	1787	2473	0.25%	0.023%
42	15.919	2249	2252	2254	rVV3	7810	10406	1.03%	0.096%
43	15.943	2254	2256	2262	rVV2	8345	11926	1.18%	0.110%
44	16.090	2277	2281	2286	rBV2	7141	10224	1.01%	0.094%
45	16.283	2311	2314	2318	rVB2	1660	2422	0.24%	0.022%
46	16.325	2318	2321	2324	rVB4	2151	2411	0.24%	0.022%
47	16.366	2324	2328	2329	rBV3	1512	1719	0.17%	0.016%
48	16.430	2333	2339	2344	rBV3	1912	3972	0.39%	0.037%
49	16.495	2349	2350	2353	rVB3	1939	1491	0.15%	0.014%
50	16.665	2377	2379	2381	rVV3	2035	1489	0.15%	0.014%
51	16.712	2383	2387	2392	rVV4	8453	11279	1.12%	0.104%
52	16.771	2392	2397	2400	rVV3	5044	7604	0.75%	0.070%
53	16.871	2409	2414	2419	rBV6	1694	3771	0.37%	0.035%
54	16.936	2419	2425	2431	rBV2	398871	577292	57.31%	5.318%
55	17.030	2435	2441	2447	rBV	583201	841228	83.51%	7.749%
56	17.241	2472	2477	2484	rVB4	4299	7808	0.78%	0.072%
57	17.312	2484	2489	2490	rBV4	3853	5329	0.53%	0.049%
58	17.335	2490	2493	2496	rBV2	23153	25683	2.55%	0.237%
59	17.453	2510	2513	2517	rVB5	7979	9473	0.94%	0.087%
60	17.547	2525	2529	2534	rVB2	17176	22099	2.19%	0.204%
61	17.741	2557	2562	2564	rBV6	2212	3397	0.34%	0.031%
62	17.811	2573	2574	2577	rVB3	2892	1768	0.18%	0.016%
63	17.858	2577	2582	2587	rBV2	51754	79143	7.86%	0.729%
64	17.917	2590	2592	2595	rVV	8735	9198	0.91%	0.085%
65	17.964	2598	2600	2604	rBV5	2613	4092	0.41%	0.038%
66	18.034	2610	2612	2616	rBV4	1571	2257	0.22%	0.021%
67	18.152	2629	2632	2636	rVB5	5186	6945	0.69%	0.064%
68	18.211	2640	2642	2644	rVV3	2348	2257	0.22%	0.021%
69	18.287	2652	2655	2659	rVB5	6757	7792	0.77%	0.072%
70	18.563	2699	2702	2703	rBV3	2327	2444	0.24%	0.023%
71	18.722	2725	2729	2736	rBV8	5607	11332	1.12%	0.104%

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72	18.792	2738	2741	2744	rBV3	5898	6233	0.62%	0.057%
73	19.004	2773	2777	2783	rBV3	7706	14525	1.44%	0.134%
74	19.151	2798	2802	2809	rBV6	13368	25501	2.53%	0.235%
75	19.227	2812	2815	2820	rVB2	7302	10777	1.07%	0.099%
76	19.339	2829	2834	2845	rBV	697196	991366	98.41%	9.132%
77	19.544	2867	2869	2871	rBV3	1882	2255	0.22%	0.021%
78	19.609	2878	2880	2884	rBV5	2528	2764	0.27%	0.025%
79	19.709	2896	2897	2900	rBV3	3184	3131	0.31%	0.029%
80	19.768	2905	2907	2913	rVB7	3324	4254	0.42%	0.039%
81	19.920	2929	2933	2936	rVB5	4794	5787	0.57%	0.053%
82	19.950	2936	2938	2941	rBV3	2753	3337	0.33%	0.031%
83	20.743	3071	3073	3076	rBV4	2275	2429	0.24%	0.022%
84	20.866	3089	3094	3102	rBV2	39824	67908	6.74%	0.626%
85	20.937	3103	3106	3110	rVB4	9524	12095	1.20%	0.111%
86	21.137	3135	3140	3150	rVB	536371	680120	67.51%	6.265%
87	21.730	3238	3241	3243	rBV4	4848	6305	0.63%	0.058%
88	21.765	3245	3247	3251	rVB5	7912	8629	0.86%	0.079%
89	22.182	3314	3318	3322	rBV7	10216	13791	1.37%	0.127%
90	22.306	3335	3339	3346	rVB	29634	39685	3.94%	0.366%
91	22.382	3350	3352	3354	rBV3	3341	2916	0.29%	0.027%
92	22.600	3388	3389	3395	rVB5	8476	10910	1.08%	0.100%
93	23.187	3482	3489	3495	rBV	554450	1007364	100.00%	9.279%
94	23.328	3505	3513	3524	rVB	380407	695922	69.08%	6.411%
95	23.869	3601	3605	3611	rBV7	9337	17367	1.72%	0.160%
96	24.785	3759	3761	3764	rBV4	3085	3644	0.36%	0.034%
97	26.325	4015	4023	4036	rBV4	24990	79098	7.85%	0.729%
98	27.106	4154	4156	4157	rBV2	2576	1847	0.18%	0.017%
99	27.982	4303	4305	4309	rVB5	4294	4476	0.44%	0.041%
100	28.616	4412	4413	4416	rVB3	3177	2362	0.23%	0.022%

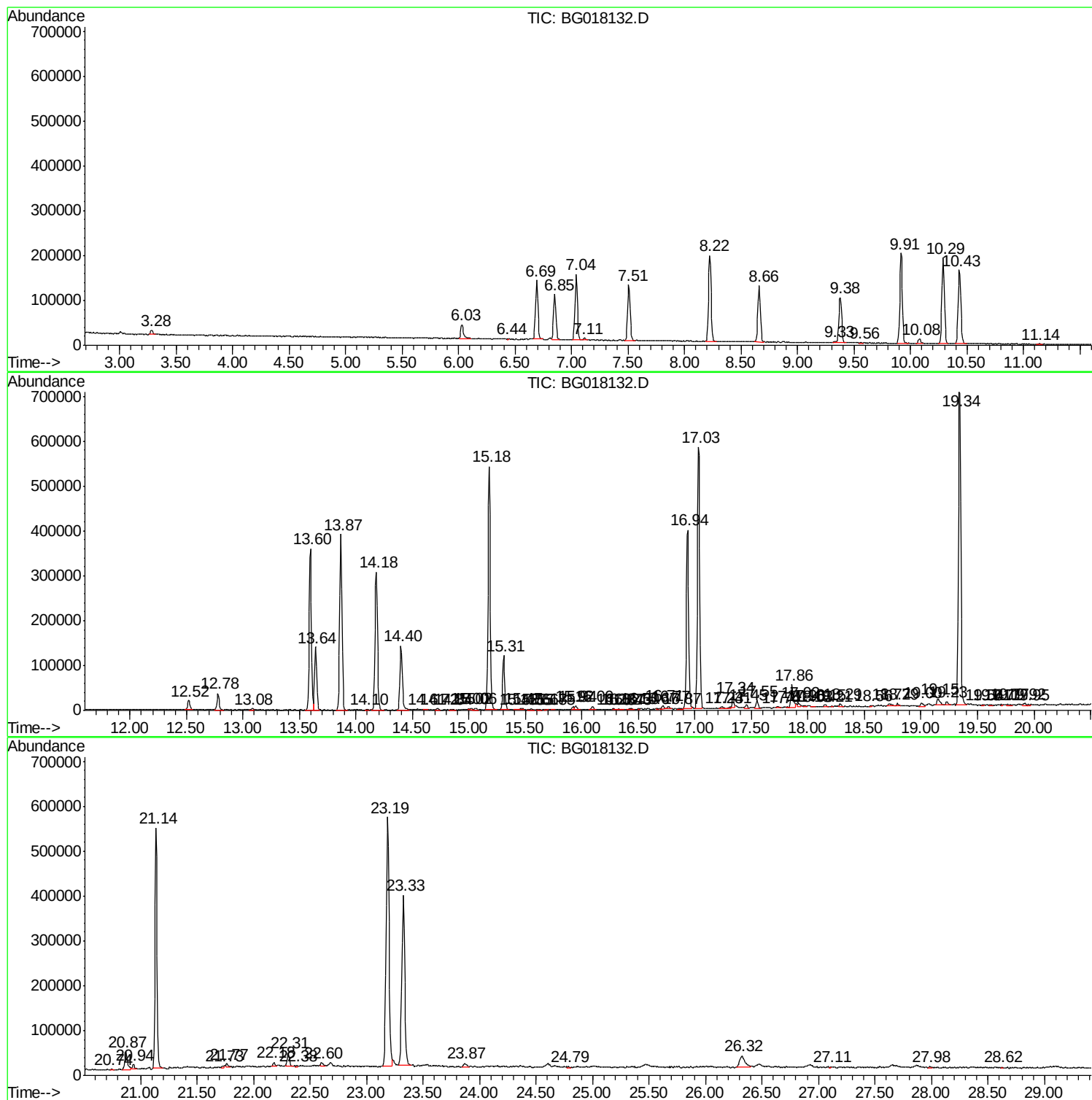
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



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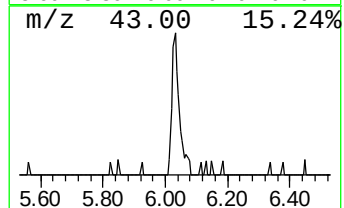
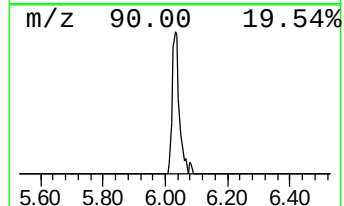
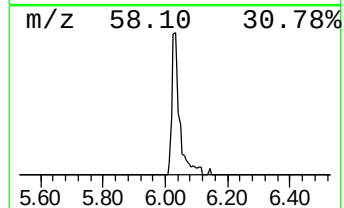
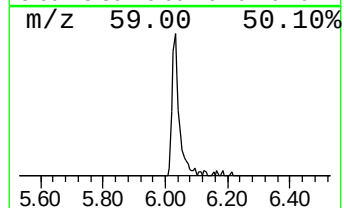
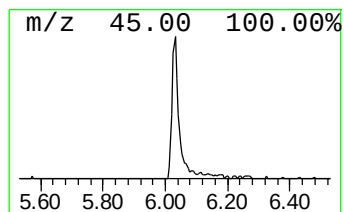
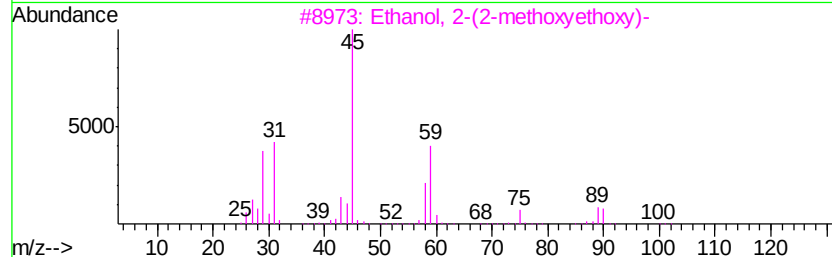
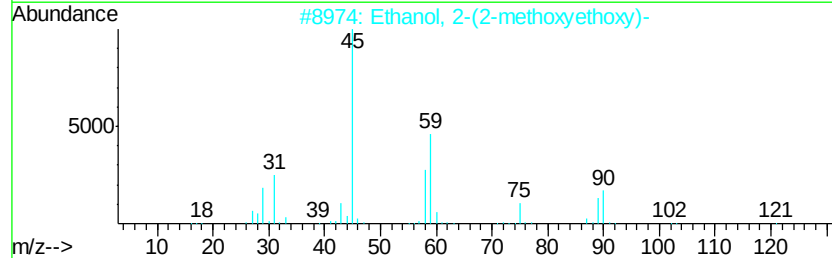
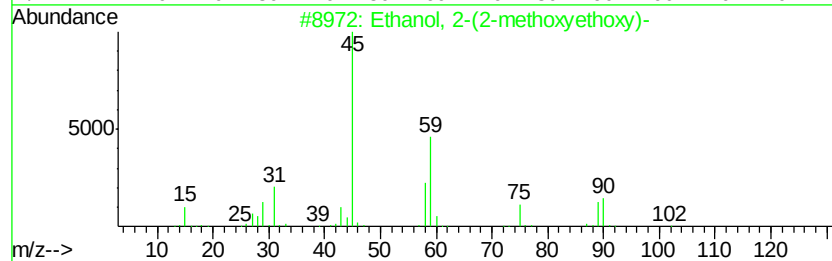
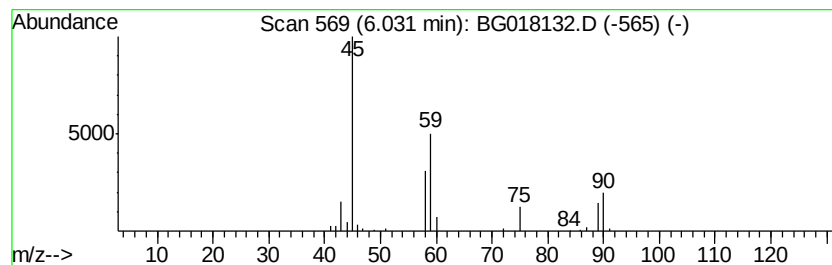
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	5.07 ng/ul	49690	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	78
4		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	74
5		Silane, dimethyl-	60	C2H8Si	001111-74-6	43



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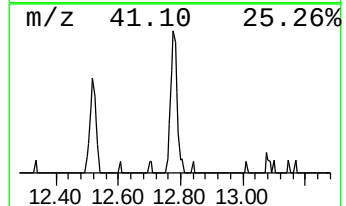
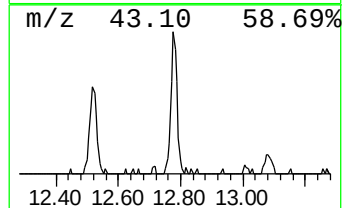
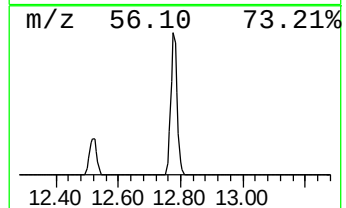
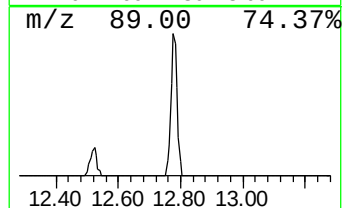
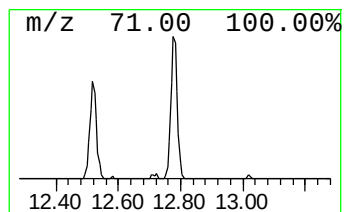
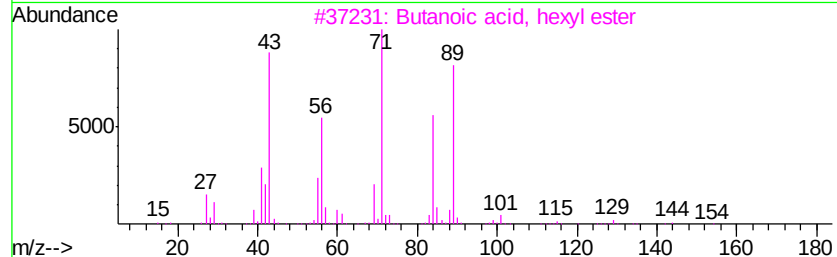
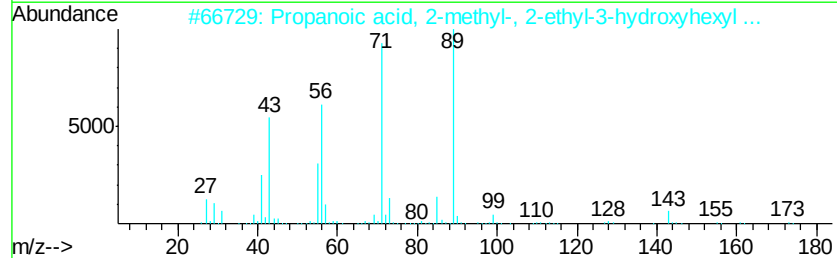
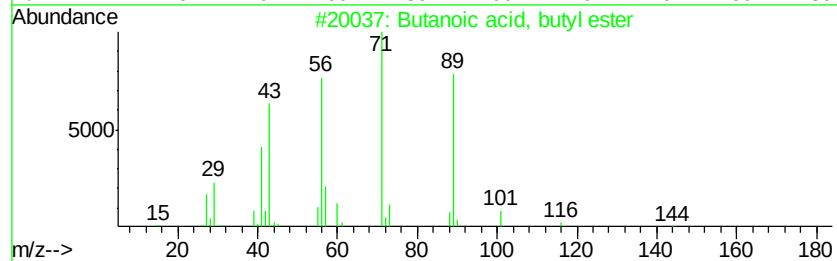
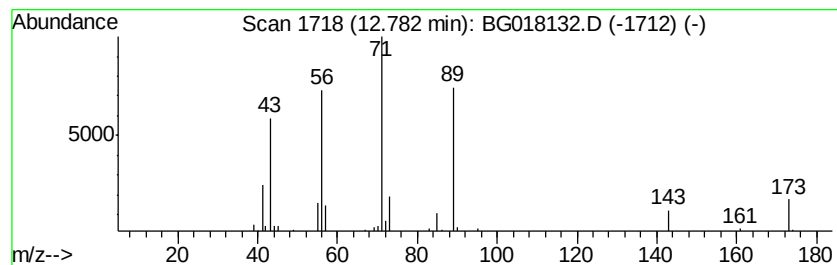
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Butanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.26 ng/ul	52302	Acenaphthene-d10	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78
2		Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	64
3		Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	64
4		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	64
5		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50



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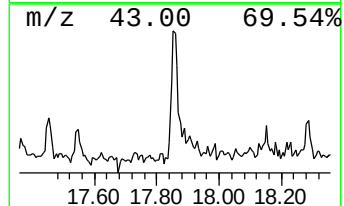
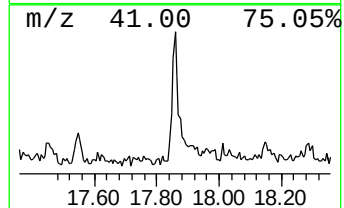
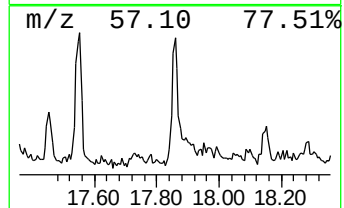
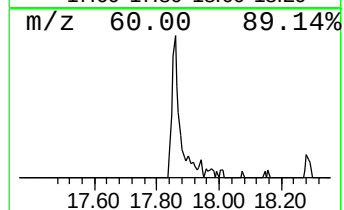
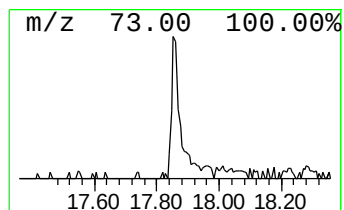
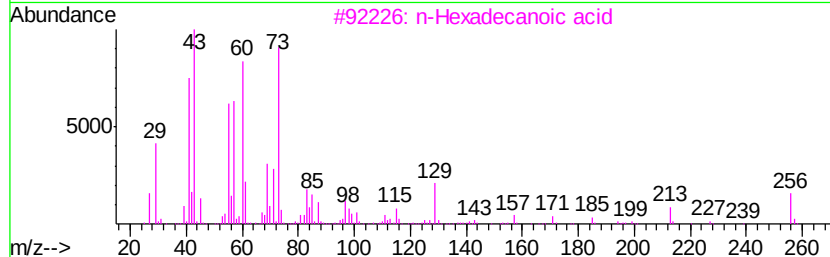
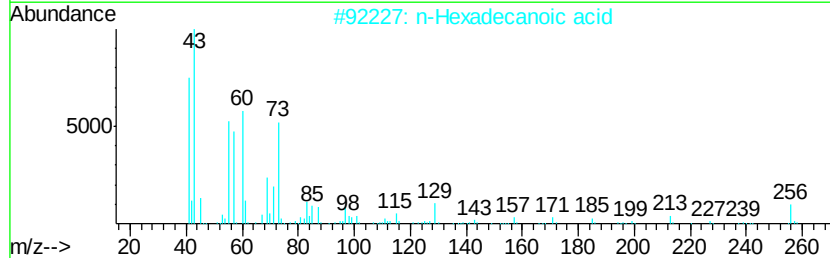
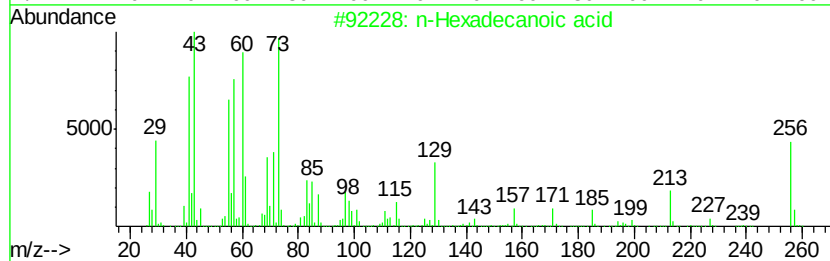
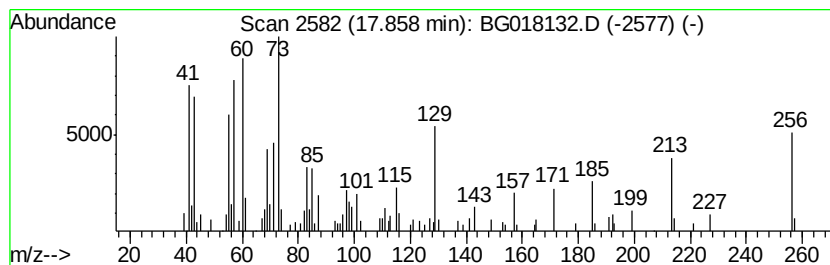
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	2.74 ng/ul	79143	Phenanthrene-d10		16.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018132.D
Acq On : 28 Jul 2015 2:37
Operator : TP/UM
Sample : G3048-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

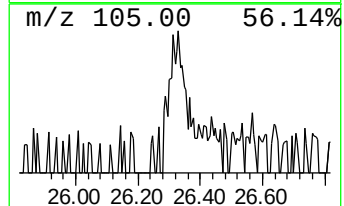
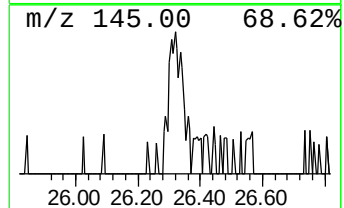
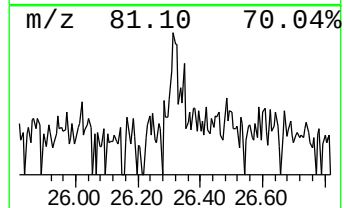
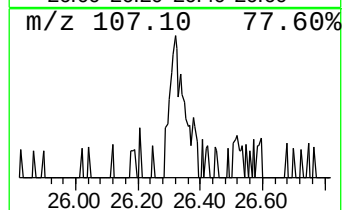
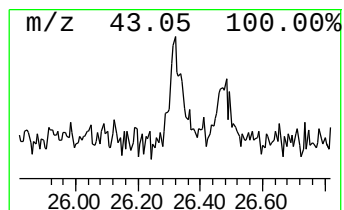
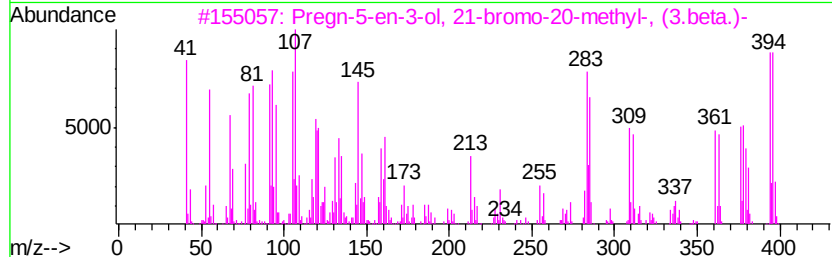
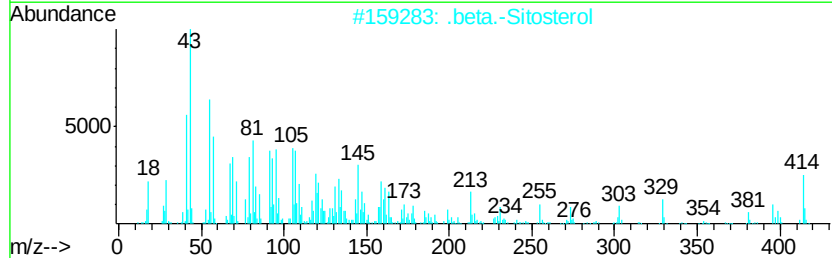
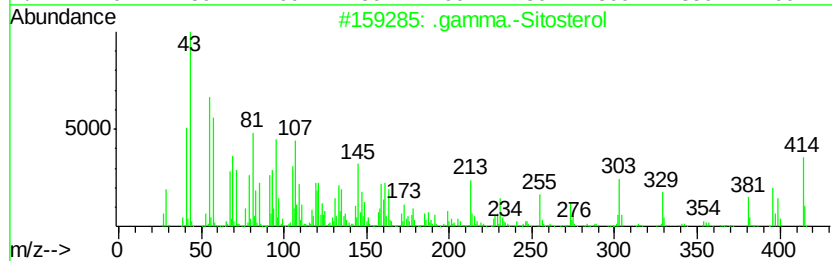
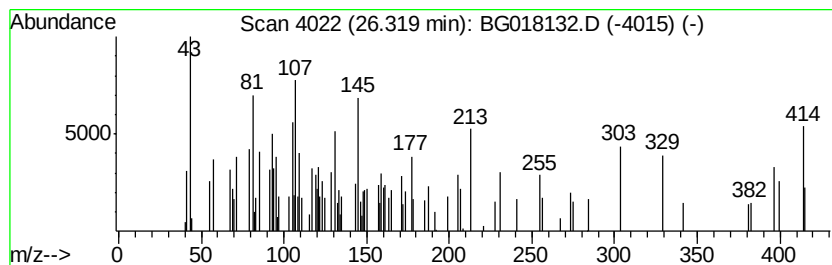
Instrument :
BNA_G
ClientSampled :
C01X1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.32	2.27 ng/ul	79098	Perylene-d12	23.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 93
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 89
3		Pregn-5-en-3-ol, 21-bromo-20-met...	394 C22H35BrO	055103-80-5 74
4		.beta.-Sitosterol	414 C29H50O	000083-46-5 62
5		17-(1,5-Dimethylhexyl)-10,13-dim...	414 C29H50O	1000210-86-9 56



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018132.D
Acq On : 28 Jul 2015 2:37
Operator : TP/UM
Sample : G3048-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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
Ethanol, 2-(2-met...	6.03	5.1	ng/ul	49690	1	7.51	196064	20.0
Butanoic acid, bu...	12.78	2.3	ng/ul	52302	3	14.18	462545	20.0
n-Hexadecanoic acid	17.86	2.7	ng/ul	79143	4	16.94	577292	20.0
.gamma.-Sitosterol	26.32	2.3	ng/ul	79098	6	23.33	695922	20.0