

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
 Data File : BG016207.D
 Acq On : 31 Mar 2015 19:29
 Operator : TP/IZ
 Sample : G1647-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD4

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\SOM01.2-EPA-BG033115.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	2.819	19	22	29	rVB	18165	24118	1.20%	0.085%
2	2.901	29	36	44	rVV	328957	736436	36.51%	2.583%
3	2.978	44	49	69	rVB	1349947	1993065	98.82%	6.990%
4	3.759	179	182	185	rVV3	5049	5981	0.30%	0.021%
5	3.795	185	188	192	rVB3	5137	6125	0.30%	0.021%
6	4.347	278	282	285	rVB3	3553	5209	0.26%	0.018%
7	4.529	309	313	316	rBV3	4688	6312	0.31%	0.022%
8	4.564	316	319	323	rVB4	4447	5853	0.29%	0.021%
9	4.882	368	373	382	rVB3	92314	148470	7.36%	0.521%
10	5.986	556	561	566	rBV4	2594	5478	0.27%	0.019%
11	6.768	689	694	699	rBV5	2741	5765	0.29%	0.020%
12	6.938	715	723	736	rBV	435693	686486	34.04%	2.407%
13	7.102	745	751	762	rVB	353659	537753	26.66%	1.886%
14	7.302	778	785	792	rVV	427325	663061	32.88%	2.325%
15	7.384	794	799	805	rVV3	16881	28212	1.40%	0.099%
16	7.766	858	864	872	rBV	354268	548016	27.17%	1.922%
17	7.990	899	902	909	rVB6	2540	4020	0.20%	0.014%
18	8.471	974	984	993	rBV	478153	768032	38.08%	2.693%
19	8.583	998	1003	1010	rVV2	23090	39764	1.97%	0.139%
20	8.865	1044	1051	1054	rBV4	2015	3478	0.17%	0.012%
21	8.924	1054	1061	1068	rVB	391829	653254	32.39%	2.291%
22	8.983	1068	1071	1075	rBV4	2232	3591	0.18%	0.013%
23	9.335	1126	1131	1135	rVB2	5846	8885	0.44%	0.031%
24	9.641	1175	1183	1191	rBV	340366	571398	28.33%	2.004%
25	9.799	1204	1210	1217	rBV6	3091	7110	0.35%	0.025%
26	9.999	1239	1244	1246	rBV4	2525	3417	0.17%	0.012%
27	10.175	1267	1274	1282	rBV	476792	789718	39.16%	2.770%
28	10.328	1294	1300	1307	rBV2	11323	20486	1.02%	0.072%
29	10.551	1331	1338	1345	rBV	505011	845949	41.94%	2.967%
30	10.604	1345	1347	1351	rVB3	3514	4013	0.20%	0.014%
31	10.686	1354	1361	1371	rBV	402439	668321	33.14%	2.344%
32	11.345	1468	1473	1479	rVB7	2238	4933	0.24%	0.017%
33	11.474	1483	1495	1497	rBV5	3088	8149	0.40%	0.029%
34	11.580	1509	1513	1520	rVV5	1665	4323	0.21%	0.015%

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35	11.979	1575	1581	1584	rBV3	3346	5809	0.29%	0.020%
36	12.138	1603	1608	1614	rVB2	10688	15627	0.77%	0.055%
37	12.214	1617	1621	1625	rVB2	4401	5278	0.26%	0.019%
38	12.743	1708	1711	1715	rBV3	2675	3914	0.19%	0.014%
39	12.925	1737	1742	1747	rVV6	2077	3815	0.19%	0.013%
40	13.007	1749	1756	1761	rBV3	5788	12991	0.64%	0.046%
41	13.219	1787	1792	1799	rVV2	14140	21831	1.08%	0.077%
42	13.301	1802	1806	1813	rVV6	2495	5254	0.26%	0.018%
43	13.571	1845	1852	1856	rVB4	5217	9186	0.46%	0.032%
44	13.712	1870	1876	1879	rBV5	5289	8268	0.41%	0.029%
45	13.753	1882	1883	1886	rVV2	2918	3646	0.18%	0.013%
46	13.806	1886	1892	1897	rVV	811049	1091295	54.11%	3.827%
47	13.853	1897	1900	1904	rVV	60725	82637	4.10%	0.290%
48	13.924	1908	1912	1914	rVV3	3758	4772	0.24%	0.017%
49	13.994	1921	1924	1929	rBV2	2970	3735	0.19%	0.013%
50	14.047	1929	1933	1934	rVV3	3022	4271	0.21%	0.015%
51	14.088	1934	1940	1948	rVV	1018339	1461090	72.44%	5.124%
52	14.294	1970	1975	1979	rBV	33929	41623	2.06%	0.146%
53	14.394	1982	1992	2000	rBV2	721126	1110838	55.08%	3.896%
54	14.459	2000	2003	2010	rVB2	7633	10047	0.50%	0.035%
55	14.594	2020	2026	2038	rBV	403489	600395	29.77%	2.106%
56	14.746	2046	2052	2056	rBV4	17108	27731	1.37%	0.097%
57	14.811	2056	2063	2077	rVV8	28641	66393	3.29%	0.233%
58	14.911	2077	2080	2085	rVB5	6697	10995	0.55%	0.039%
59	14.981	2088	2092	2094	rVB3	3810	4454	0.22%	0.016%
60	15.187	2125	2127	2130	rVV4	4082	6179	0.31%	0.022%
61	15.216	2130	2132	2133	rVV2	4524	4394	0.22%	0.015%
62	15.246	2133	2137	2142	rVB	37422	48115	2.39%	0.169%
63	15.387	2155	2161	2167	rBV	1309099	1745332	86.54%	6.121%
64	15.440	2167	2170	2175	rVB2	13531	17506	0.87%	0.061%
65	15.504	2175	2181	2191	rBV	370027	508347	25.20%	1.783%
66	15.628	2196	2202	2209	rBV3	20566	44617	2.21%	0.156%
67	15.745	2218	2222	2226	rVB6	6368	10561	0.52%	0.037%
68	15.798	2227	2231	2237	rVB4	6477	11182	0.55%	0.039%
69	15.875	2237	2244	2245	rBV6	9903	16511	0.82%	0.058%
70	16.104	2279	2283	2293	rBV	41165	72670	3.60%	0.255%
71	16.227	2302	2304	2307	rVV4	2645	3556	0.18%	0.012%

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72	16.274	2310	2312	2314	rVV3	3559	3807	0.19%	0.013%
73	16.345	2321	2324	2326	rVB4	3347	3949	0.20%	0.014%
74	16.444	2334	2341	2344	rBV6	10430	15888	0.79%	0.056%
75	16.538	2354	2357	2360	rBV5	3704	5295	0.26%	0.019%
76	16.679	2377	2381	2383	rBV5	11117	13678	0.68%	0.048%
77	16.785	2396	2399	2404	rBV7	4775	5396	0.27%	0.019%
78	16.897	2413	2418	2423	rVV2	65339	91544	4.54%	0.321%
79	16.950	2423	2427	2431	rVV3	15479	25910	1.28%	0.091%
80	16.997	2433	2435	2439	rVV5	7050	8263	0.41%	0.029%
81	17.044	2439	2443	2447	rVB7	4234	5940	0.29%	0.021%
82	17.138	2452	2459	2463	rBV2	896948	1230442	61.01%	4.315%
83	17.179	2463	2466	2470	rVV	61443	88170	4.37%	0.309%
84	17.238	2470	2476	2487	rVB	1222325	1793309	88.92%	6.289%
85	17.361	2495	2497	2501	rVB5	4138	4571	0.23%	0.016%
86	17.396	2501	2503	2505	rBV3	3099	3346	0.17%	0.012%
87	17.420	2505	2507	2510	rVV4	3484	3719	0.18%	0.013%
88	17.631	2540	2543	2546	rVB2	18880	18627	0.92%	0.065%
89	17.996	2603	2605	2606	rBV2	4992	4305	0.21%	0.015%
90	18.031	2606	2611	2621	rBV	350275	553973	27.47%	1.943%
91	18.325	2658	2661	2664	rBV5	9720	15855	0.79%	0.056%
92	18.360	2664	2667	2671	rVB5	16759	22790	1.13%	0.080%
93	19.194	2805	2809	2817	rVB	123216	186931	9.27%	0.656%
94	19.312	2825	2829	2839	rBV	216834	339683	16.84%	1.191%
95	19.529	2861	2866	2875	rBV	1353596	2016871	100.00%	7.073%
96	20.451	3020	3023	3029	rVB2	100859	115734	5.74%	0.406%
97	21.021	3117	3120	3129	rVB	435133	559481	27.74%	1.962%
98	21.315	3165	3170	3174	rBV	995817	1322194	65.56%	4.637%
99	23.460	3529	3535	3549	rVB2	872321	1804643	89.48%	6.329%
100	23.601	3554	3559	3572	rVB2	677346	1330309	65.96%	4.665%

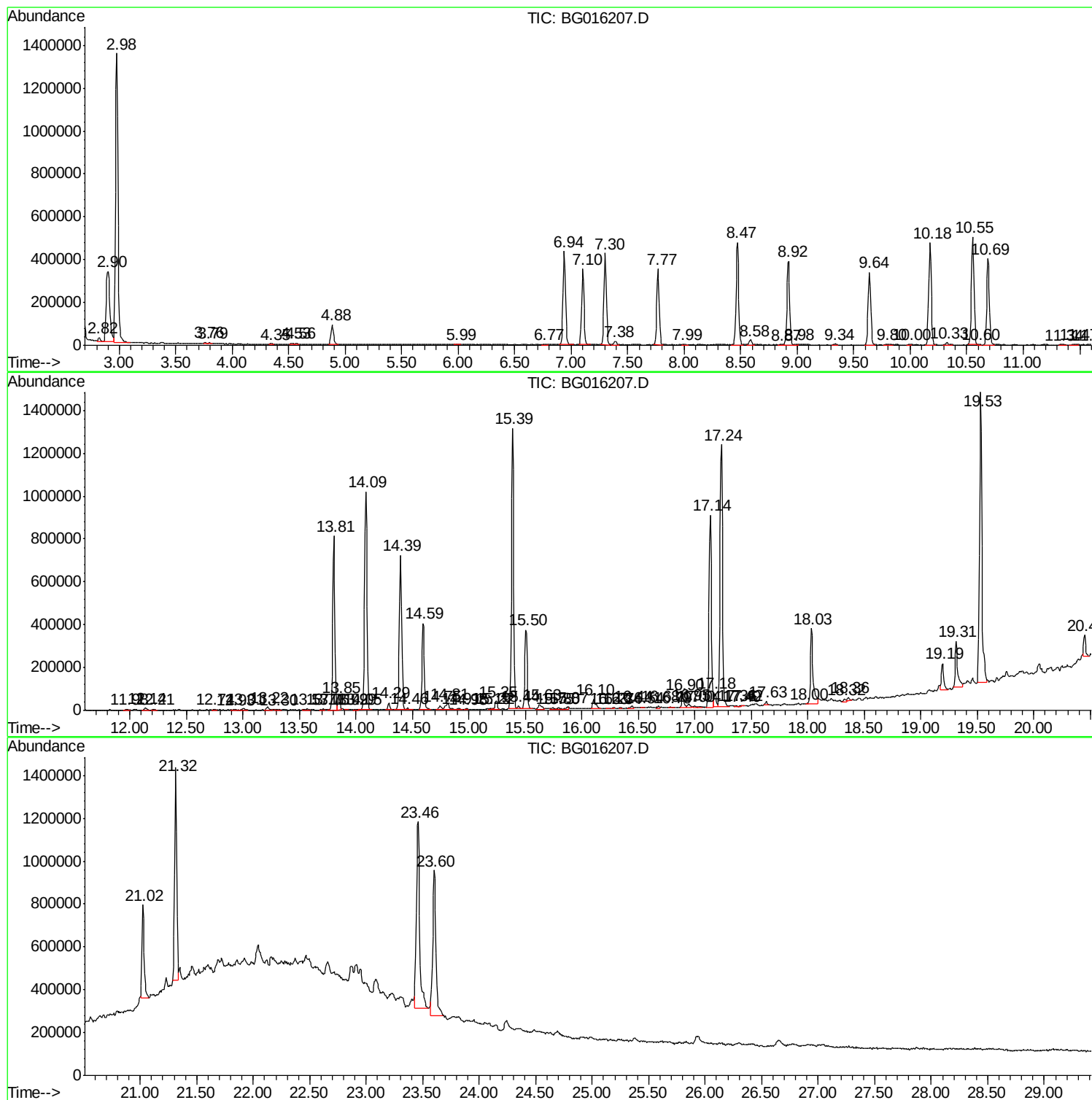
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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



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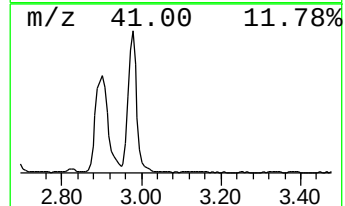
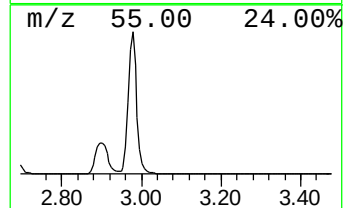
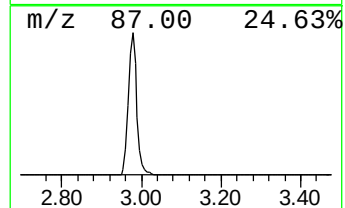
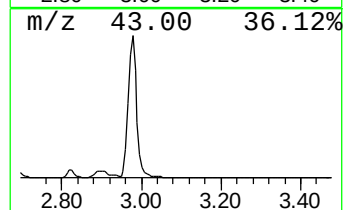
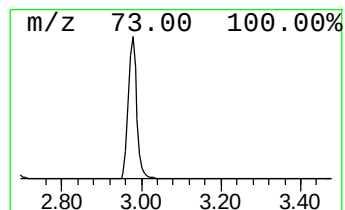
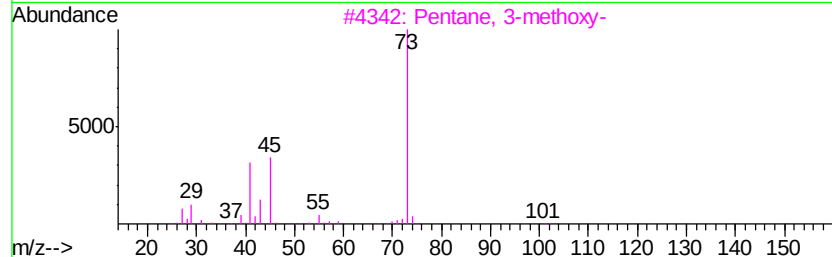
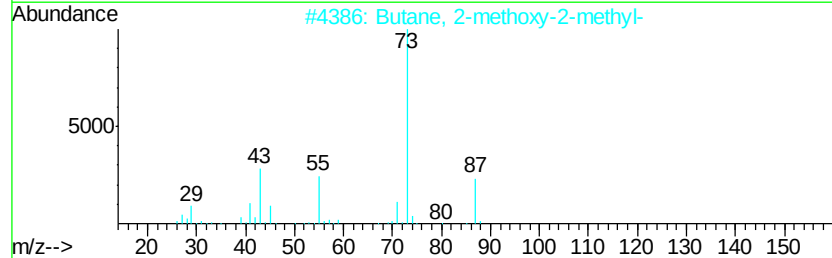
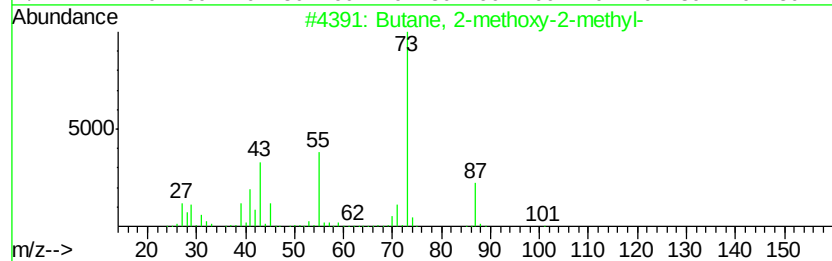
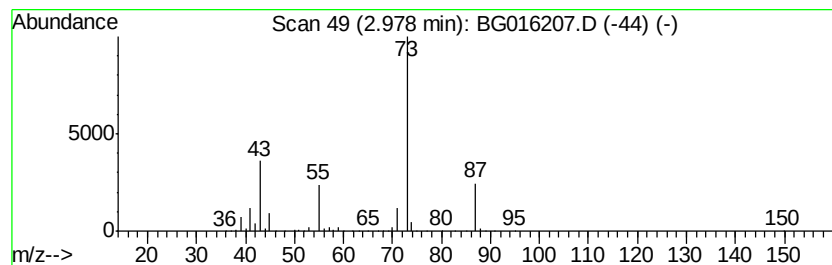
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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.
2.98	72.74 ng/ul	1993070	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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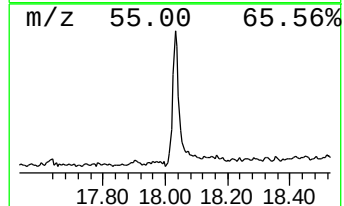
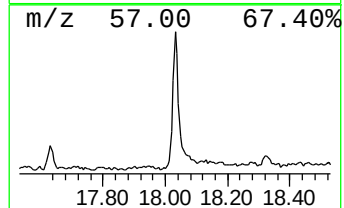
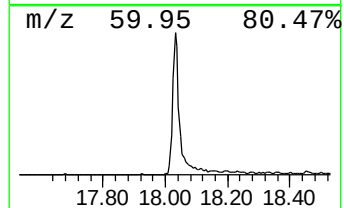
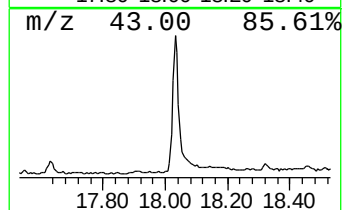
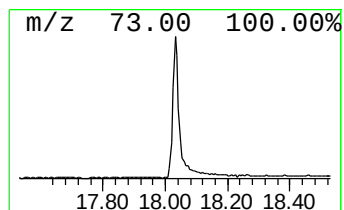
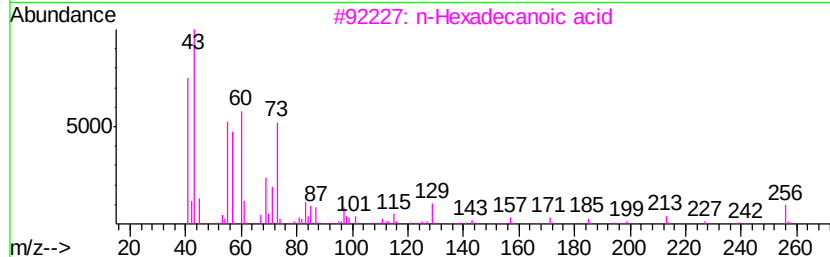
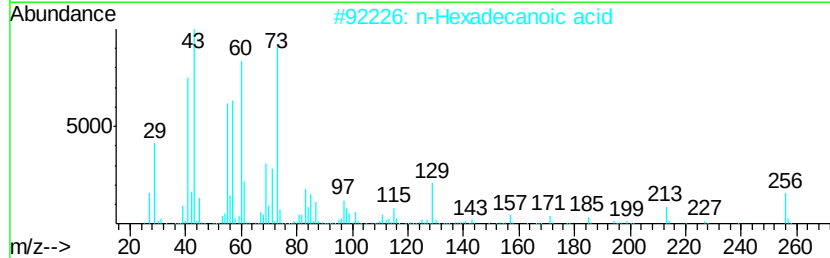
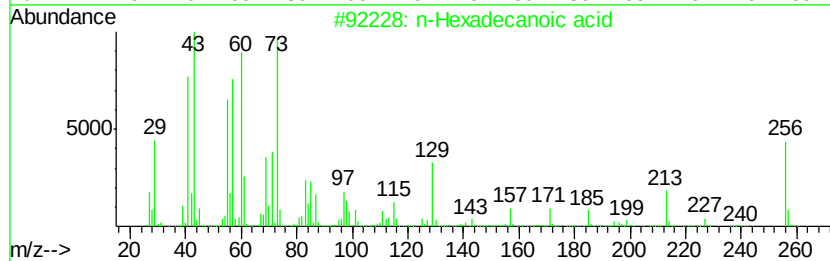
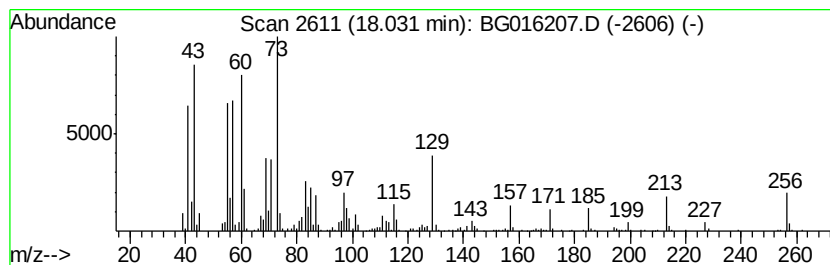
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	9.00 ng/ul	553973	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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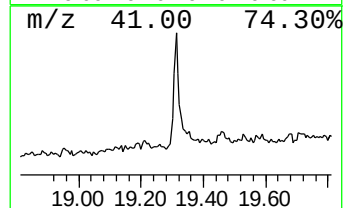
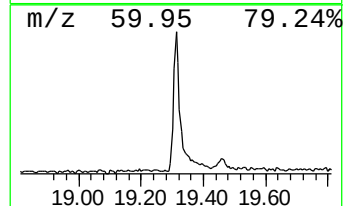
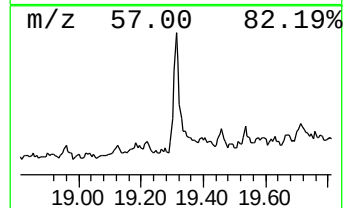
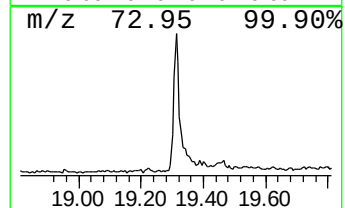
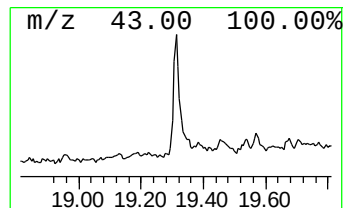
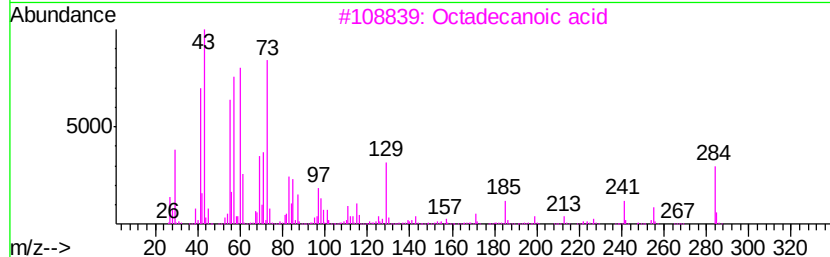
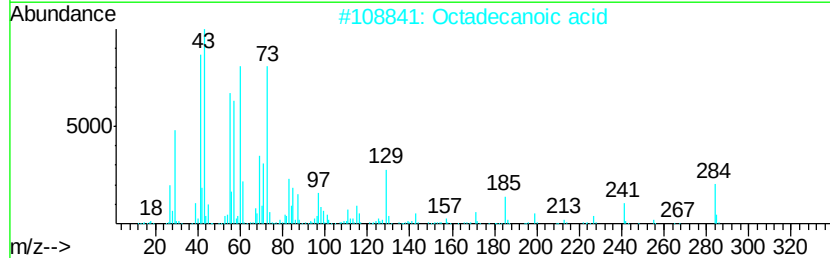
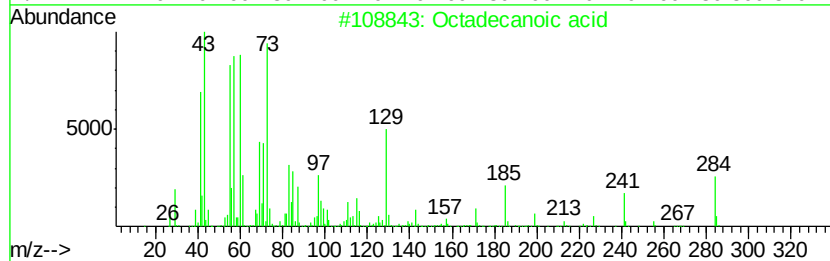
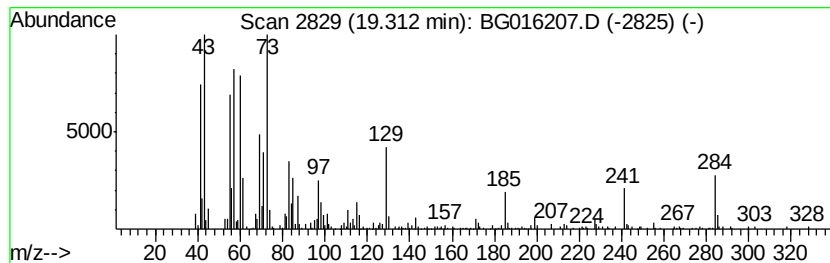
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.31	5.14 ng/ul	339683	Chrysene-d12	21.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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Sample : G1647-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD4

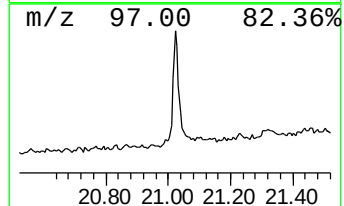
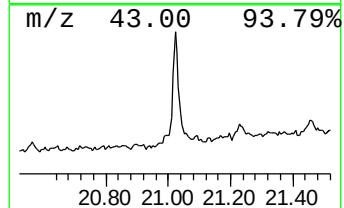
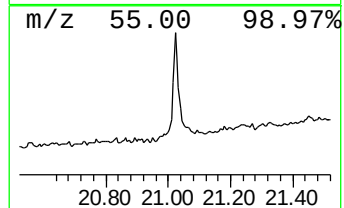
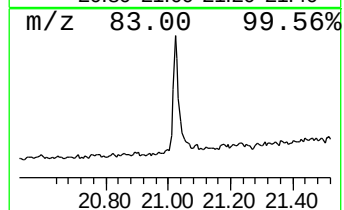
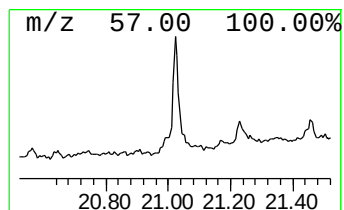
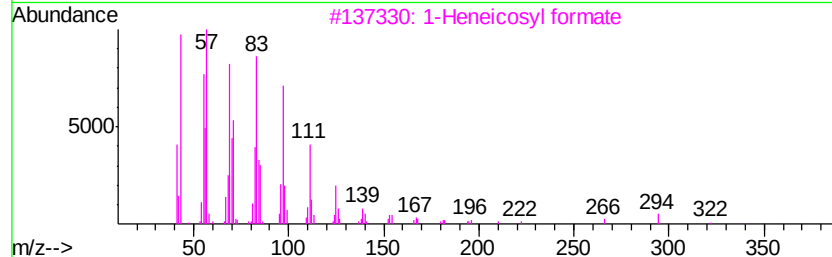
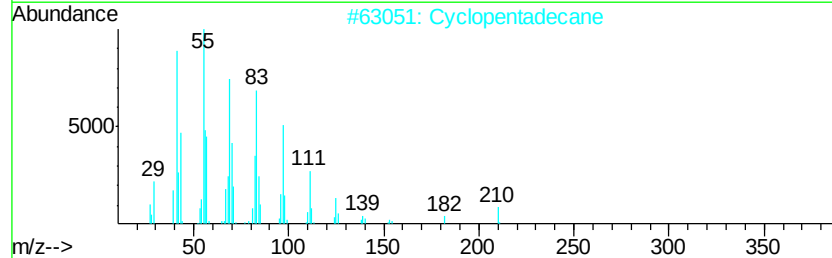
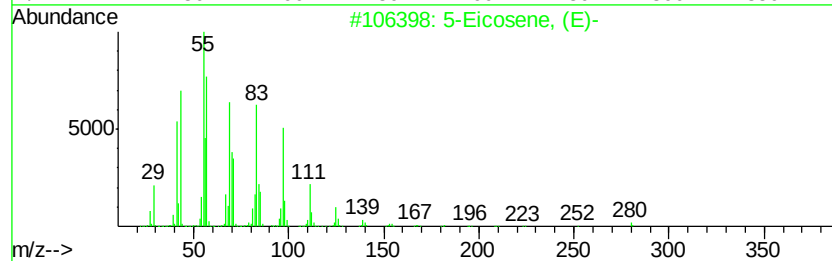
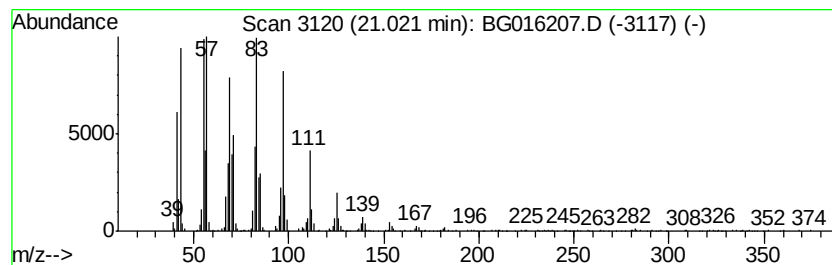
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	8.46 ng/ul	559481	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		Cyclopentadecane	210	C15H30	000295-48-7	93
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016207.D
Acq On : 31 Mar 2015 19:29
Operator : TP/IZ
Sample : G1647-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.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...	2.98	72.7	ng/ul	1993070	1	7.77	548016	20.0
n-Hexadecanoic acid	18.03	9.0	ng/ul	553973	4	17.14	1230440	20.0
Octadecanoic acid	19.31	5.1	ng/ul	339683	5	21.32	1322190	20.0
(DEL) Alkane: Cyclic	21.02	8.5	ng/ul	559481	5	21.32	1322190	20.0