

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
 Data File : BG019010.D
 Acq On : 4 Oct 2015 18:25
 Operator : UM/NP
 Sample : G3851-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0GG9

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-BG100415.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	3.168	49	56	65	rBV2	65415	163763	20.34%	2.193%
2	3.250	65	70	80	rVB	132243	222415	27.63%	2.979%
3	4.872	341	346	350	rBV3	5451	8621	1.07%	0.115%
4	7.192	736	741	755	rBV2	13995	24222	3.01%	0.324%
5	7.369	764	771	778	rVB	43307	71682	8.90%	0.960%
6	7.580	799	807	813	rBV	47673	78519	9.75%	1.052%
7	8.050	880	887	893	rBV	133109	223757	27.80%	2.997%
8	8.109	893	897	902	rVB2	2176	3058	0.38%	0.041%
9	8.738	998	1004	1010	rBV2	40326	65097	8.09%	0.872%
10	8.796	1010	1014	1020	rVV2	6074	9157	1.14%	0.123%
11	9.202	1075	1083	1090	rVB	54075	92338	11.47%	1.237%
12	9.296	1095	1099	1104	rBV3	1465	2560	0.32%	0.034%
13	9.925	1200	1206	1213	rVB	39445	70342	8.74%	0.942%
14	10.048	1223	1227	1231	rVB3	1610	2058	0.26%	0.028%
15	10.465	1291	1298	1306	rVB	65306	112781	14.01%	1.511%
16	10.853	1356	1364	1371	rVV	194085	337969	41.99%	4.527%
17	10.982	1381	1386	1392	rBV2	1510	2574	0.32%	0.034%
18	13.039	1732	1736	1742	rVV3	2344	4259	0.53%	0.057%
19	13.285	1773	1778	1782	rVB2	4605	7157	0.89%	0.096%
20	14.073	1906	1912	1916	rBV	125710	180654	22.44%	2.420%
21	14.120	1916	1920	1926	rVB	43539	57471	7.14%	0.770%
22	14.314	1950	1953	1955	rVV3	1269	1689	0.21%	0.023%
23	14.361	1955	1961	1969	rVB	142225	218454	27.14%	2.926%
24	14.572	1992	1997	2001	rBV2	2254	2909	0.36%	0.039%
25	14.672	2007	2014	2023	rVB2	301540	469179	58.29%	6.284%
26	14.836	2036	2042	2047	rBV2	15613	24033	2.99%	0.322%
27	15.071	2078	2082	2087	rBV4	2194	3617	0.45%	0.048%
28	15.177	2095	2100	2101	rBV3	1166	1864	0.23%	0.025%
29	15.218	2104	2107	2109	rVB3	1620	1777	0.22%	0.024%
30	15.518	2155	2158	2162	rVB2	8347	10075	1.25%	0.135%
31	15.659	2176	2182	2189	rVB	196025	291533	36.22%	3.905%
32	15.759	2194	2199	2204	rBV	52709	78951	9.81%	1.057%
33	15.824	2207	2210	2214	rVB3	1297	1661	0.21%	0.022%
34	15.900	2220	2223	2225	rVV2	1960	2930	0.36%	0.039%

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35	15.929	2225	2228	2231	rVV2	3245	4904	0.61%	0.066%
36	16.017	2240	2243	2249	rBV5	1645	2354	0.29%	0.032%
37	16.076	2250	2253	2257	rVB3	1531	2154	0.27%	0.029%
38	16.141	2262	2264	2267	rVB3	1954	2385	0.30%	0.032%
39	16.294	2287	2290	2292	rBV5	1648	2027	0.25%	0.027%
40	16.311	2292	2293	2301	rVB4	1043	2191	0.27%	0.029%
41	16.382	2301	2305	2308	rBV	13916	20716	2.57%	0.277%
42	16.552	2330	2334	2339	rBV5	3180	5587	0.69%	0.075%
43	16.611	2342	2344	2348	rVB3	1505	1815	0.23%	0.024%
44	16.675	2354	2355	2358	rVB2	2489	1867	0.23%	0.025%
45	16.717	2358	2362	2363	rBV3	2963	3119	0.39%	0.042%
46	16.793	2372	2375	2376	rBV3	2254	2283	0.28%	0.031%
47	16.840	2380	2383	2385	rBV4	1692	2172	0.27%	0.029%
48	16.893	2389	2392	2394	rBV4	2067	2178	0.27%	0.029%
49	16.993	2406	2409	2412	rVB3	2511	3344	0.42%	0.045%
50	17.040	2415	2417	2420	rVV3	2628	2927	0.36%	0.039%
51	17.087	2423	2425	2428	rVV3	2565	3319	0.41%	0.044%
52	17.134	2431	2433	2436	rVV3	1909	2525	0.31%	0.034%
53	17.175	2436	2440	2443	rVV	15522	22632	2.81%	0.303%
54	17.228	2446	2449	2453	rVV3	5699	8834	1.10%	0.118%
55	17.281	2457	2458	2461	rVV2	1681	1800	0.22%	0.024%
56	17.410	2469	2480	2486	rBV	396573	607160	75.43%	8.132%
57	17.510	2489	2497	2503	rVV2	218792	331693	41.21%	4.443%
58	17.574	2506	2508	2513	rVB6	2244	3050	0.38%	0.041%
59	17.651	2518	2521	2524	rBV4	3926	4032	0.50%	0.054%
60	17.774	2538	2542	2545	rBV6	2328	3975	0.49%	0.053%
61	17.915	2562	2566	2570	rVV	11412	15883	1.97%	0.213%
62	17.962	2572	2574	2577	rVV4	1827	1712	0.21%	0.023%
63	18.080	2592	2594	2600	rBV7	1796	2836	0.35%	0.038%
64	18.303	2627	2632	2640	rBV2	109559	155700	19.34%	2.085%
65	18.479	2658	2662	2664	rBV4	2779	4885	0.61%	0.065%
66	18.608	2680	2684	2691	rVB5	16802	26450	3.29%	0.354%
67	18.661	2691	2693	2696	rVV4	2467	2549	0.32%	0.034%
68	18.708	2699	2701	2704	rVB3	2210	2278	0.28%	0.031%
69	18.967	2742	2745	2746	rBV3	2833	2624	0.33%	0.035%
70	19.055	2759	2760	2762	rVB2	3026	1936	0.24%	0.026%
71	19.084	2762	2765	2768	rBV5	3832	5237	0.65%	0.070%

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72	19.220	2785	2788	2789	rBV3	4828	4234	0.53%	0.057%
73	19.284	2795	2799	2803	rBV6	3648	6461	0.80%	0.087%
74	19.425	2818	2823	2826	rBV4	7886	13354	1.66%	0.179%
75	19.449	2826	2827	2830	rVV3	3979	4001	0.50%	0.054%
76	19.543	2841	2843	2844	rBV2	2445	2341	0.29%	0.031%
77	19.572	2844	2848	2855	rBV	55809	84430	10.49%	1.131%
78	19.678	2865	2866	2869	rVB3	4240	2370	0.29%	0.032%
79	19.725	2869	2874	2878	rBV	172300	195953	24.34%	2.625%
80	19.789	2880	2885	2890	rVV	286074	413577	51.38%	5.539%
81	19.836	2890	2893	2897	rVB	29355	32205	4.00%	0.431%
82	19.901	2902	2904	2906	rBV3	3046	2617	0.33%	0.035%
83	20.142	2943	2945	2946	rBV2	3509	2073	0.26%	0.028%
84	20.336	2975	2978	2981	rBV	9312	11868	1.47%	0.159%
85	20.765	3046	3051	3057	rVB	130369	149742	18.60%	2.006%
86	20.829	3059	3062	3065	rVV	22002	25583	3.18%	0.343%
87	20.865	3065	3068	3071	rVB3	12412	14051	1.75%	0.188%
88	21.329	3143	3147	3157	rVB2	68681	123376	15.33%	1.652%
89	21.676	3199	3206	3215	rVB	492200	804970	100.00%	10.782%
90	21.893	3239	3243	3249	rVB	33199	47923	5.95%	0.642%
91	22.504	3343	3347	3353	rBV	24493	40953	5.09%	0.549%
92	23.209	3462	3467	3474	rBV2	23581	39753	4.94%	0.532%
93	24.020	3601	3605	3614	rVB3	20092	42152	5.24%	0.565%
94	24.666	3707	3715	3725	rVB	146997	389338	48.37%	5.215%
95	24.895	3744	3754	3764	rBV2	261767	746602	92.75%	10.000%
96	24.983	3764	3769	3779	rVB3	21752	50161	6.23%	0.672%
97	26.070	3952	3954	3956	rBV3	3545	2284	0.28%	0.031%
98	26.129	3960	3964	3973	rVB5	14427	40146	4.99%	0.538%
99	27.504	4192	4198	4199	rBV5	15543	22324	2.77%	0.299%
100	30.283	4666	4671	4682	rVB10	10198	28979	3.60%	0.388%

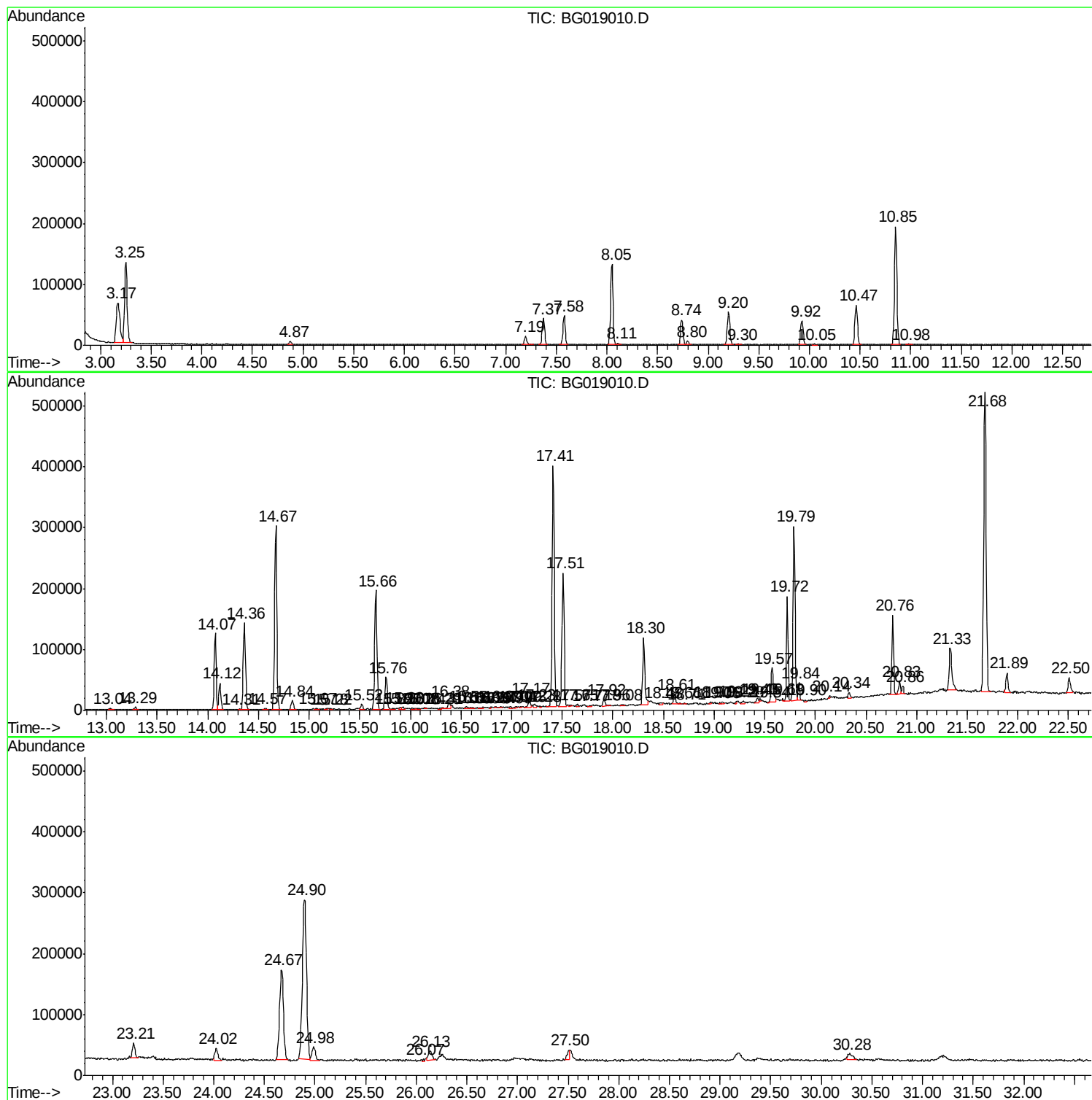
Sum of corrected areas: 7466080

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



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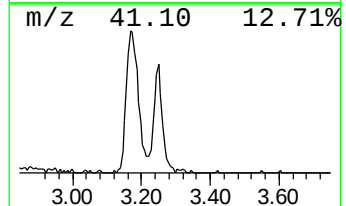
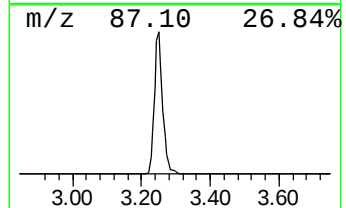
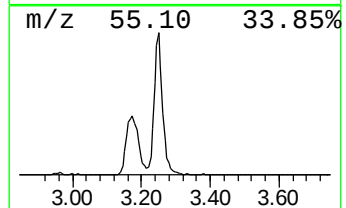
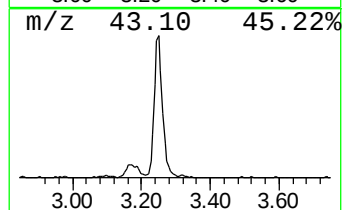
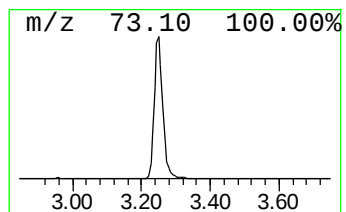
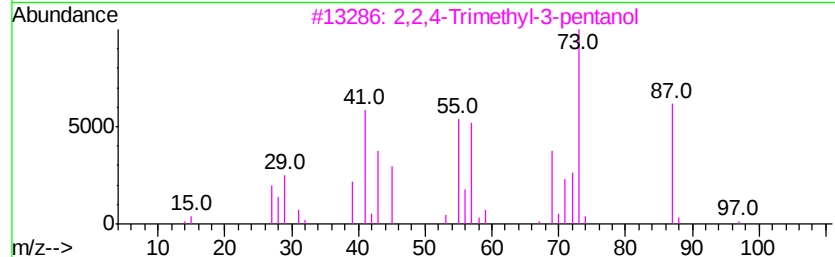
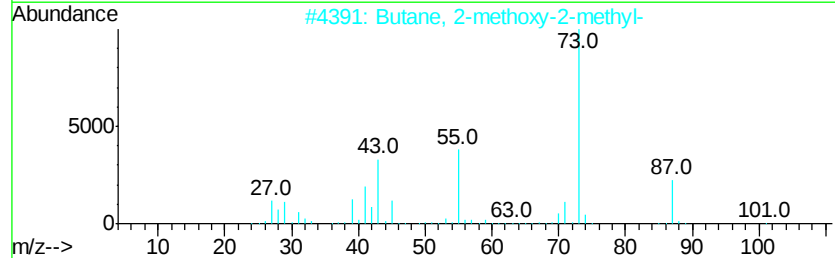
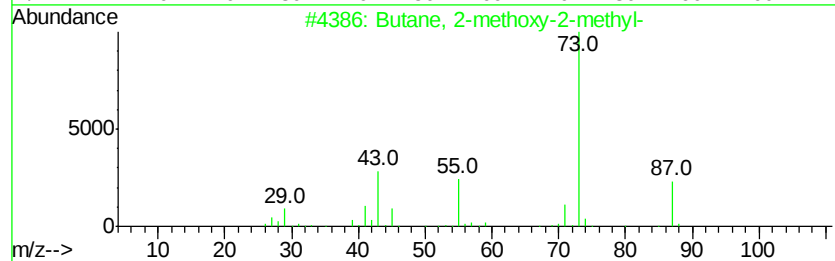
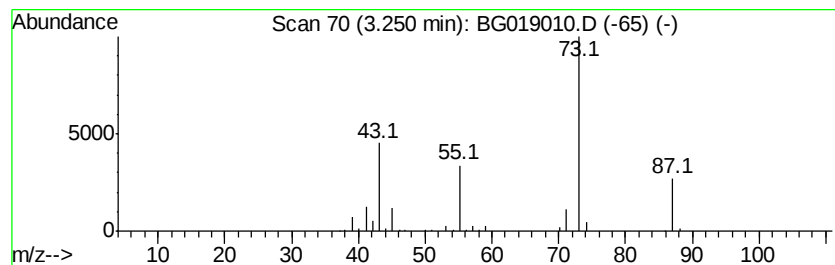
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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.
3.25	19.88 ng/ul	222415	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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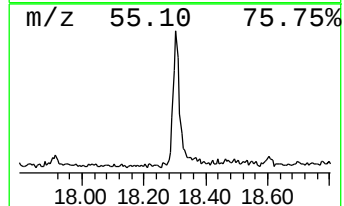
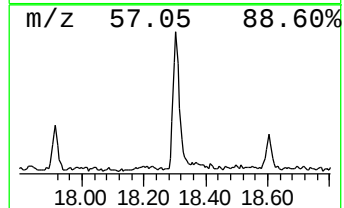
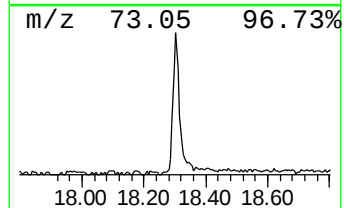
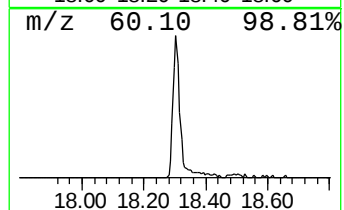
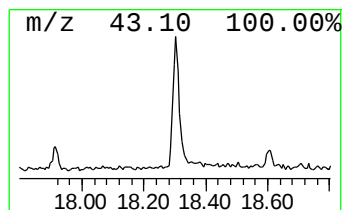
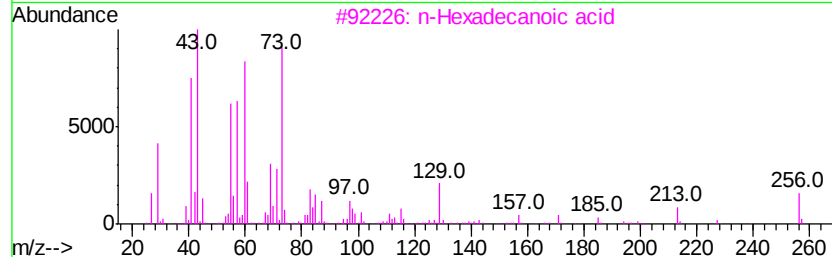
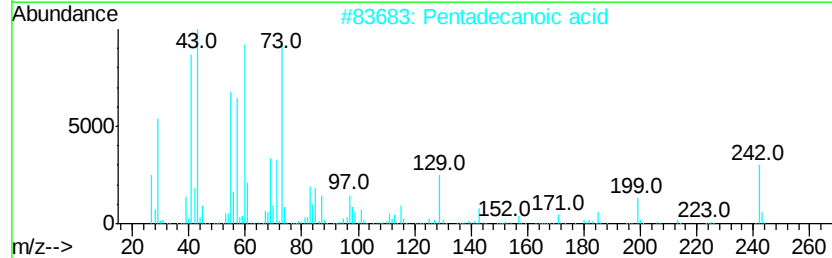
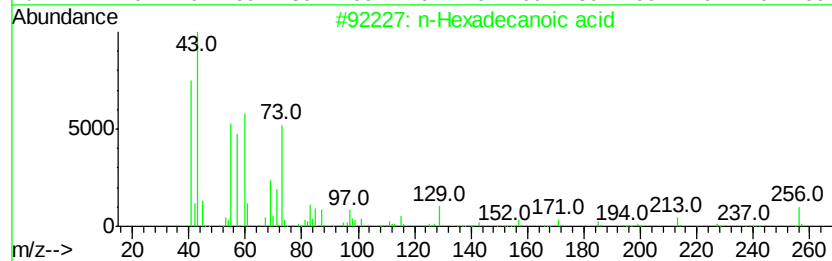
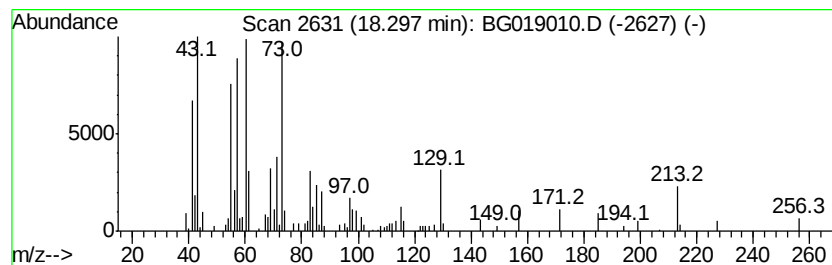
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.13 ng/ul	155700	Phenanthrene-d10	17.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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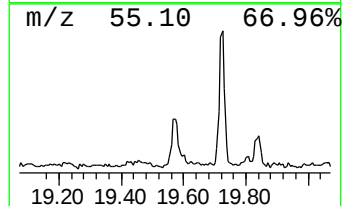
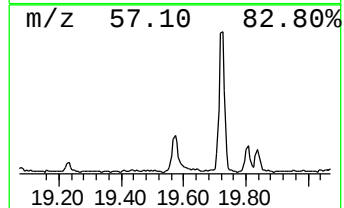
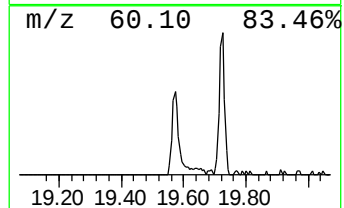
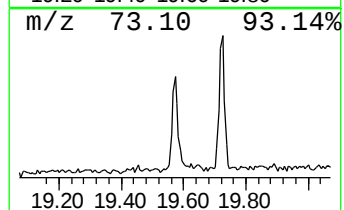
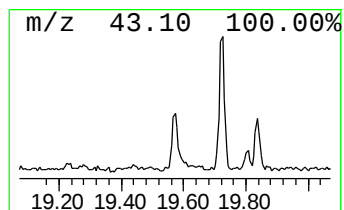
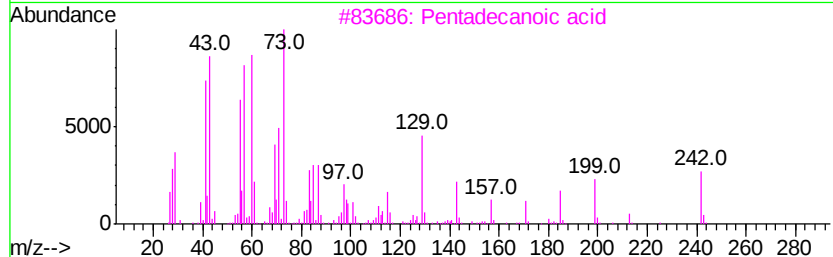
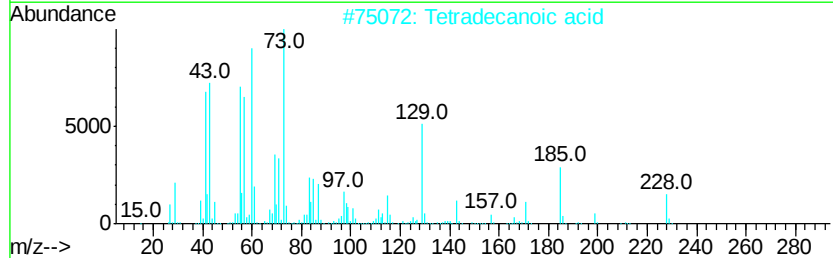
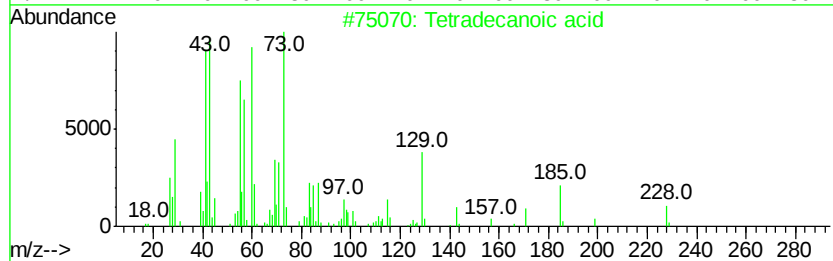
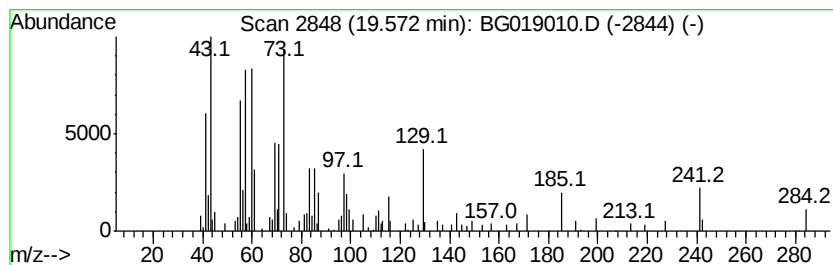
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.10 ng/ul	84430	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4		Dodecanoic acid	200	C12H24O2	000143-07-7	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019010.D
Acq On : 4 Oct 2015 18:25
Operator : UM/NP
Sample : G3851-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0GG9

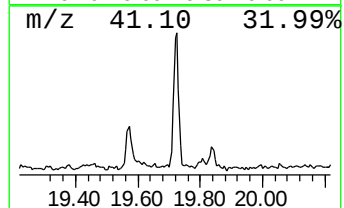
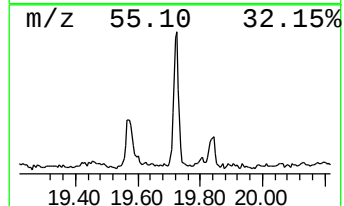
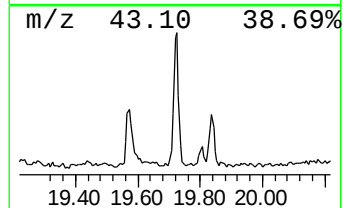
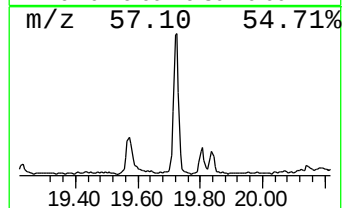
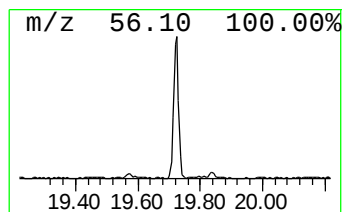
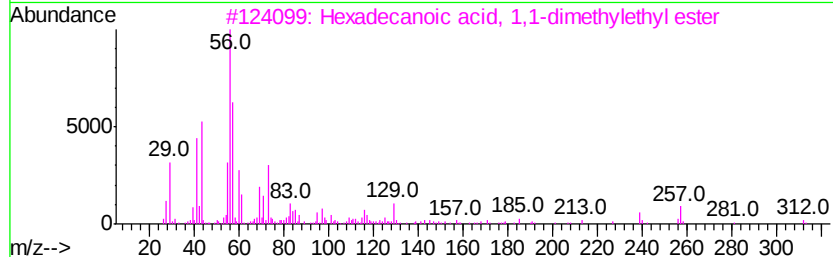
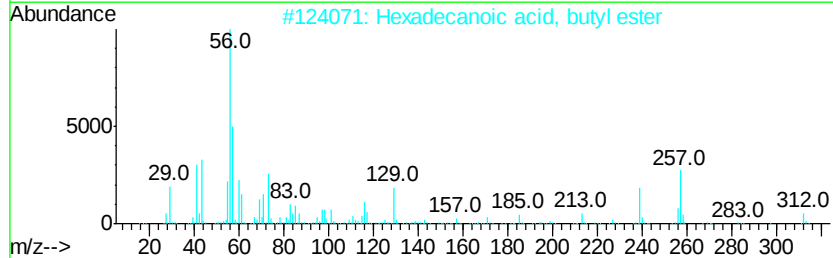
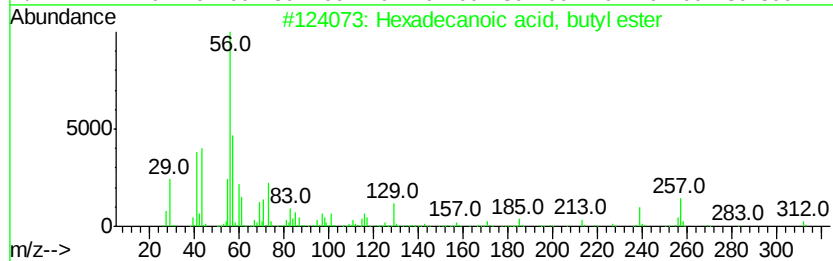
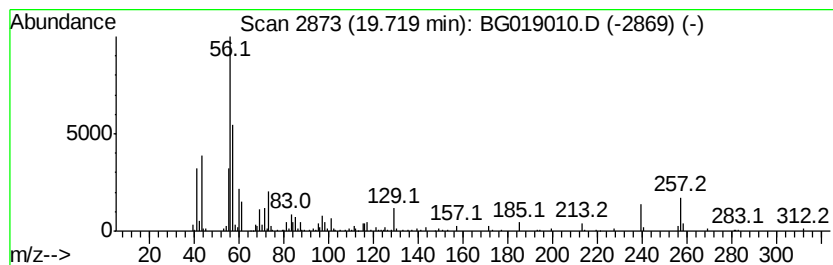
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	4.87 ng/ul	195953	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	46
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38



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Operator : UM/NP
Sample : G3851-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0GG9

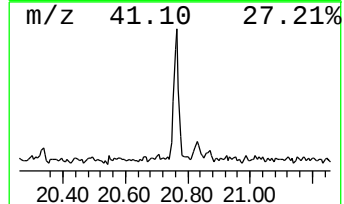
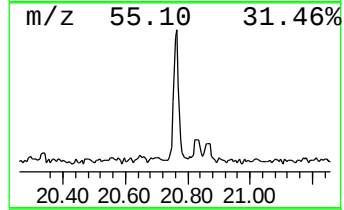
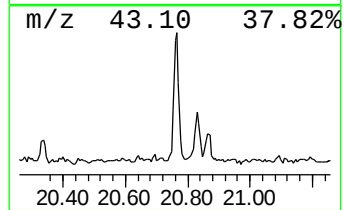
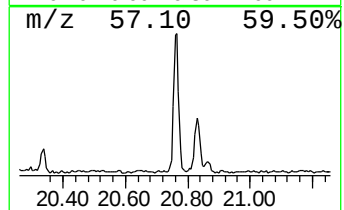
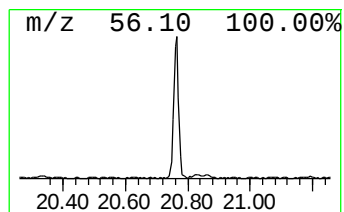
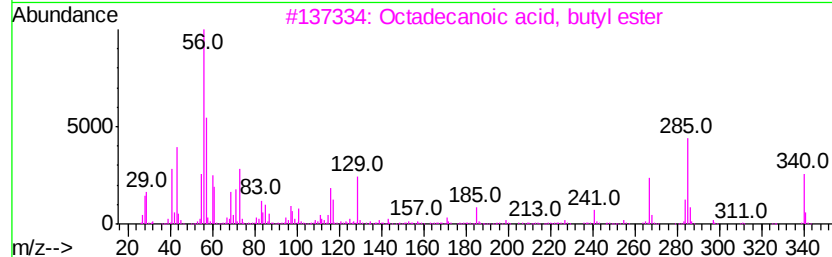
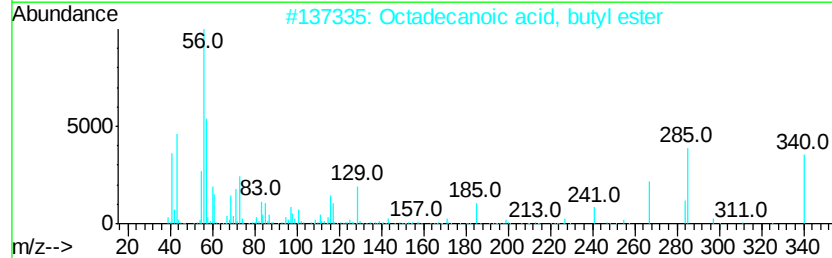
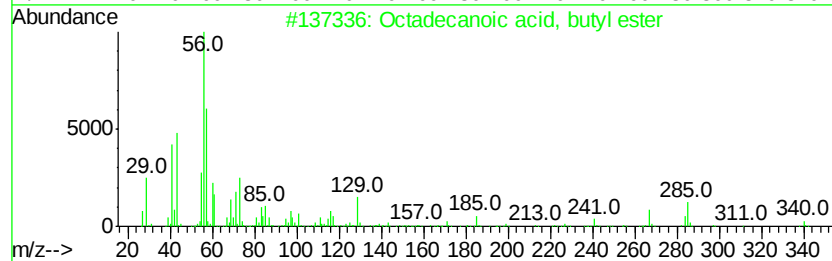
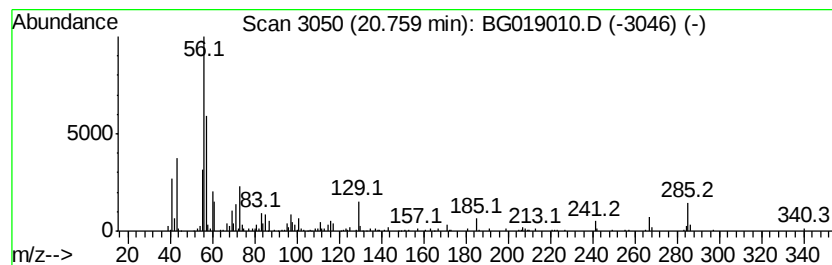
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	3.72 ng/ul	149742	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	74
4		n-Butyl myristate	284	C18H36O2	000110-36-1	64
5		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0GG9

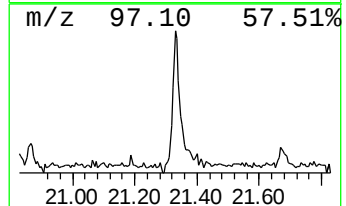
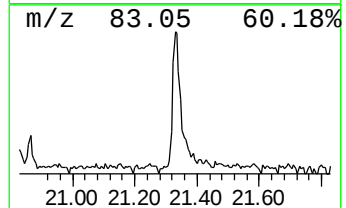
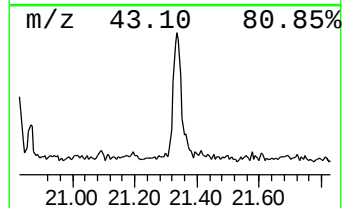
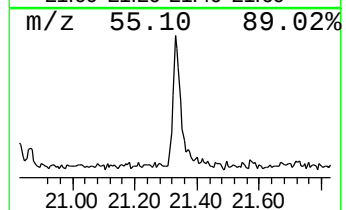
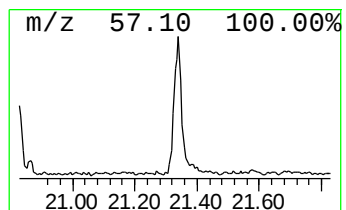
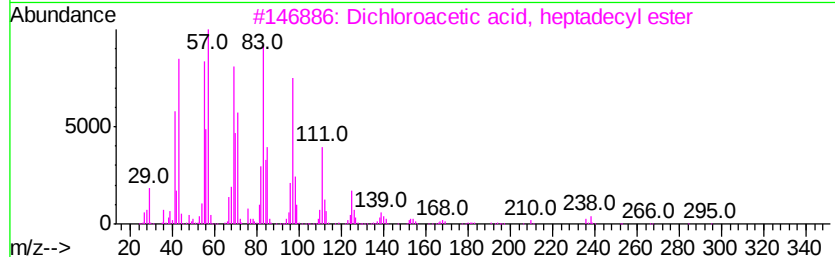
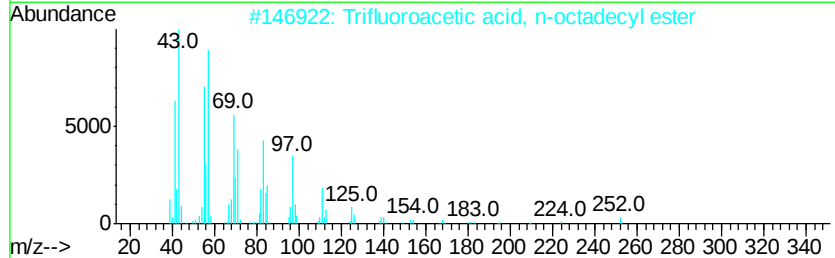
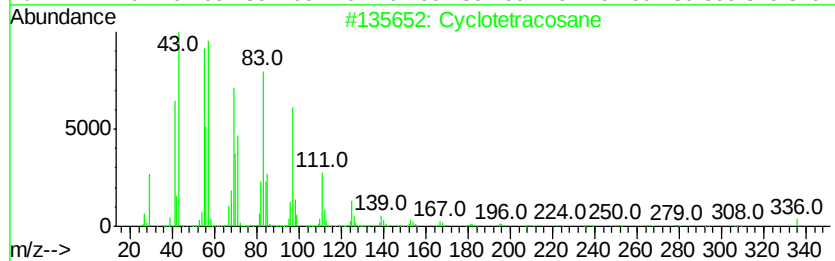
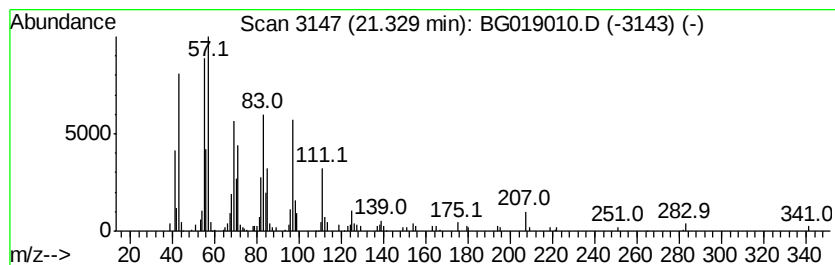
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic21.33 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.07 ng/ul	123376	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	90
2		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	90
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	83
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	83
5		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	80



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0GG9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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...	3.25	19.9	ng/ul	222415	1	8.05	223757	20.0
n-Hexadecanoic acid	18.30	5.1	ng/ul	155700	4	17.41	607160	20.0
Tetradecanoic acid	19.57	2.1	ng/ul	84430	5	21.68	804970	20.0
Hexadecanoic acid...	19.72	4.9	ng/ul	195953	5	21.68	804970	20.0
Octadecanoic acid...	20.76	3.7	ng/ul	149742	5	21.68	804970	20.0
(DEL) Alkane: Cyc...	21.33	3.1	ng/ul	123376	5	21.68	804970	20.0