

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021327.D
 Acq On : 6 Mar 2016 5:41
 Operator : UM/SJ
 Sample : H1650-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-DS-C210

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-BG030316.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	3.190	55	60	63	rVB4	799	1077	0.24%	0.022%
2	3.266	71	73	75	rVB3	1232	930	0.21%	0.019%
3	3.531	114	118	124	rBV2	3103	4622	1.04%	0.093%
4	7.274	747	755	763	rBV	72365	121314	27.27%	2.449%
5	7.444	778	784	792	rBB	53820	88751	19.95%	1.792%
6	7.655	813	820	827	rBB	67419	115307	25.92%	2.328%
7	8.125	892	900	906	rBV	48111	78570	17.66%	1.586%
8	8.819	1012	1018	1027	rVB	91623	149307	33.56%	3.014%
9	9.289	1090	1098	1107	rBB	71372	125702	28.25%	2.538%
10	10.012	1214	1221	1228	rBB	62901	110130	24.75%	2.223%
11	10.546	1303	1312	1323	rBB	84842	147032	33.05%	2.968%
12	10.934	1371	1378	1385	rBB	70966	121784	27.37%	2.459%
13	11.063	1394	1400	1408	rBV	39626	68612	15.42%	1.385%
14	12.503	1640	1645	1649	rBB3	842	1403	0.32%	0.028%
15	13.613	1831	1834	1838	rBB	1774	2043	0.46%	0.041%
16	13.942	1886	1890	1893	rBB3	1425	1743	0.39%	0.035%
17	14.136	1917	1923	1927	rBV	161386	233995	52.60%	4.724%
18	14.177	1927	1930	1936	rVB	46340	63177	14.20%	1.275%
19	14.430	1966	1973	1981	rBB	179444	272855	61.33%	5.509%
20	14.606	1999	2003	2007	rBB	6377	7551	1.70%	0.152%
21	14.735	2017	2025	2031	rBB2	101805	162227	36.46%	3.275%
22	14.912	2049	2055	2068	rBV	91506	147132	33.07%	2.970%
23	15.053	2074	2079	2084	rBB3	984	1575	0.35%	0.032%
24	15.111	2085	2089	2090	rBV	1429	1537	0.35%	0.031%
25	15.223	2104	2108	2112	rBB2	1432	1636	0.37%	0.033%
26	15.294	2117	2120	2124	rBB2	940	1012	0.23%	0.020%
27	15.552	2159	2164	2169	rBB3	9360	12243	2.75%	0.247%
28	15.611	2169	2174	2175	rBV	1003	935	0.21%	0.019%
29	15.722	2186	2193	2199	rBB	226235	344195	77.37%	6.949%
30	15.828	2206	2211	2219	rBB2	87554	129339	29.07%	2.611%
31	15.940	2226	2230	2231	rBV2	2215	2520	0.57%	0.051%
32	15.963	2231	2234	2238	rVV2	3944	4950	1.11%	0.100%
33	16.051	2247	2249	2253	rBB	1151	1127	0.25%	0.023%
34	16.098	2253	2257	2261	rBB	1067	1535	0.35%	0.031%

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35	16.175	2267	2270	2273	rBB	1253	1152	0.26%	0.023%
36	16.410	2304	2310	2314	rBV	9941	13818	3.11%	0.279%
37	16.762	2364	2370	2373	rBV2	1498	2553	0.57%	0.052%
38	16.815	2377	2379	2382	rVV2	901	1013	0.23%	0.020%
39	16.874	2386	2389	2391	rVB	901	952	0.21%	0.019%
40	16.921	2392	2397	2399	rBB	868	1015	0.23%	0.020%
41	17.203	2441	2445	2448	rBB2	3920	5054	1.14%	0.102%
42	17.250	2448	2453	2459	rBV2	1241	1817	0.41%	0.037%
43	17.467	2484	2490	2497	rBV2	135988	198026	44.51%	3.998%
44	17.567	2501	2507	2516	rVV	255543	383640	86.23%	7.745%
45	18.337	2633	2638	2648	rBV	38939	57563	12.94%	1.162%
46	18.754	2706	2709	2712	rVB3	1367	1290	0.29%	0.026%
47	19.453	2825	2828	2829	rBV2	2425	2195	0.49%	0.044%
48	19.477	2829	2832	2839	rVB3	3792	5825	1.31%	0.118%
49	19.594	2847	2852	2859	rBV	22850	32499	7.30%	0.656%
50	19.730	2870	2875	2876	rBV2	1805	1907	0.43%	0.039%
51	19.841	2888	2894	2901	rVV2	312420	444889	100.00%	8.982%
52	20.059	2928	2931	2934	rVB4	671	898	0.20%	0.018%
53	20.317	2972	2975	2980	rBV4	3164	6032	1.36%	0.122%
54	20.540	3009	3013	3014	rVB3	1250	1244	0.28%	0.025%
55	20.681	3035	3037	3040	rBV4	1458	1040	0.23%	0.021%
56	20.734	3042	3046	3049	rVB3	1883	2683	0.60%	0.054%
57	20.764	3049	3051	3054	rBV4	1399	1804	0.41%	0.036%
58	20.834	3058	3063	3068	rBV6	3666	6459	1.45%	0.130%
59	20.999	3089	3091	3094	rBV4	1305	1579	0.35%	0.032%
60	21.263	3134	3136	3138	rBV2	1419	1800	0.40%	0.036%
61	21.345	3145	3150	3162	rBV	117906	195134	43.86%	3.940%
62	21.727	3208	3215	3226	rVB	140649	234599	52.73%	4.736%
63	21.868	3237	3239	3242	rBV4	2327	2207	0.50%	0.045%
64	22.238	3301	3302	3305	rBV3	2111	2079	0.47%	0.042%
65	22.509	3346	3348	3349	rBV2	2434	2173	0.49%	0.044%
66	22.538	3349	3353	3356	rVV6	5184	8485	1.91%	0.171%
67	23.196	3459	3465	3473	rVB3	26166	48501	10.90%	0.979%
68	23.343	3488	3490	3493	rVV4	1694	1127	0.25%	0.023%
69	23.408	3496	3501	3505	rVB3	7442	12761	2.87%	0.258%
70	23.678	3545	3547	3550	rBV4	1377	922	0.21%	0.019%
71	24.019	3598	3605	3610	rVB5	6147	14062	3.16%	0.284%

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72	24.230	3637	3641	3646	rBV6	2182	3617	0.81%	0.073%
73	24.459	3678	3680	3683	rVB4	1927	1353	0.30%	0.027%
74	24.512	3686	3689	3690	rVV3	1524	1481	0.33%	0.030%
75	24.547	3693	3695	3696	rBV2	1392	966	0.22%	0.020%
76	24.759	3720	3731	3743	rBV	153898	415593	93.41%	8.390%
77	24.976	3758	3768	3780	rBV3	81215	228169	51.29%	4.606%
78	25.147	3795	3797	3798	rVB2	1992	1232	0.28%	0.025%
79	25.282	3817	3820	3823	rVB3	1634	1809	0.41%	0.037%
80	25.388	3837	3838	3840	rBV	2051	1398	0.31%	0.028%
81	25.446	3846	3848	3849	rBV2	1402	1135	0.26%	0.023%
82	25.599	3872	3874	3877	rBV4	1401	1974	0.44%	0.040%
83	26.057	3950	3952	3953	rBV2	1655	1476	0.33%	0.030%
84	26.087	3953	3957	3958	rBV3	4954	5042	1.13%	0.102%
85	26.240	3976	3983	3996	rBV10	8721	30562	6.87%	0.617%
86	27.238	4152	4153	4158	rBV4	1488	1442	0.32%	0.029%
87	27.385	4177	4178	4181	rBV3	1401	1206	0.27%	0.024%
88	27.462	4185	4191	4192	rBV5	4494	7530	1.69%	0.152%
89	27.573	4209	4210	4212	rBV2	1922	1453	0.33%	0.029%
90	27.879	4258	4262	4264	rBV4	1620	2531	0.57%	0.051%
91	28.196	4315	4316	4318	rVB2	1544	1069	0.24%	0.022%
92	28.325	4336	4338	4340	rBV3	1543	1144	0.26%	0.023%
93	28.466	4361	4362	4364	rBV2	1308	1189	0.27%	0.024%
94	28.954	4443	4445	4447	rBV3	1929	1660	0.37%	0.034%
95	29.542	4542	4545	4547	rBV3	1847	1620	0.36%	0.033%
96	30.305	4673	4675	4676	rBV2	2168	1428	0.32%	0.029%
97	31.404	4859	4862	4863	rVB3	1870	1693	0.38%	0.034%
98	31.428	4863	4866	4869	rBV4	1754	2748	0.62%	0.055%
99	31.997	4961	4963	4964	rVB2	1685	908	0.20%	0.018%
100	32.374	5026	5027	5029	rBV2	1574	1147	0.26%	0.023%

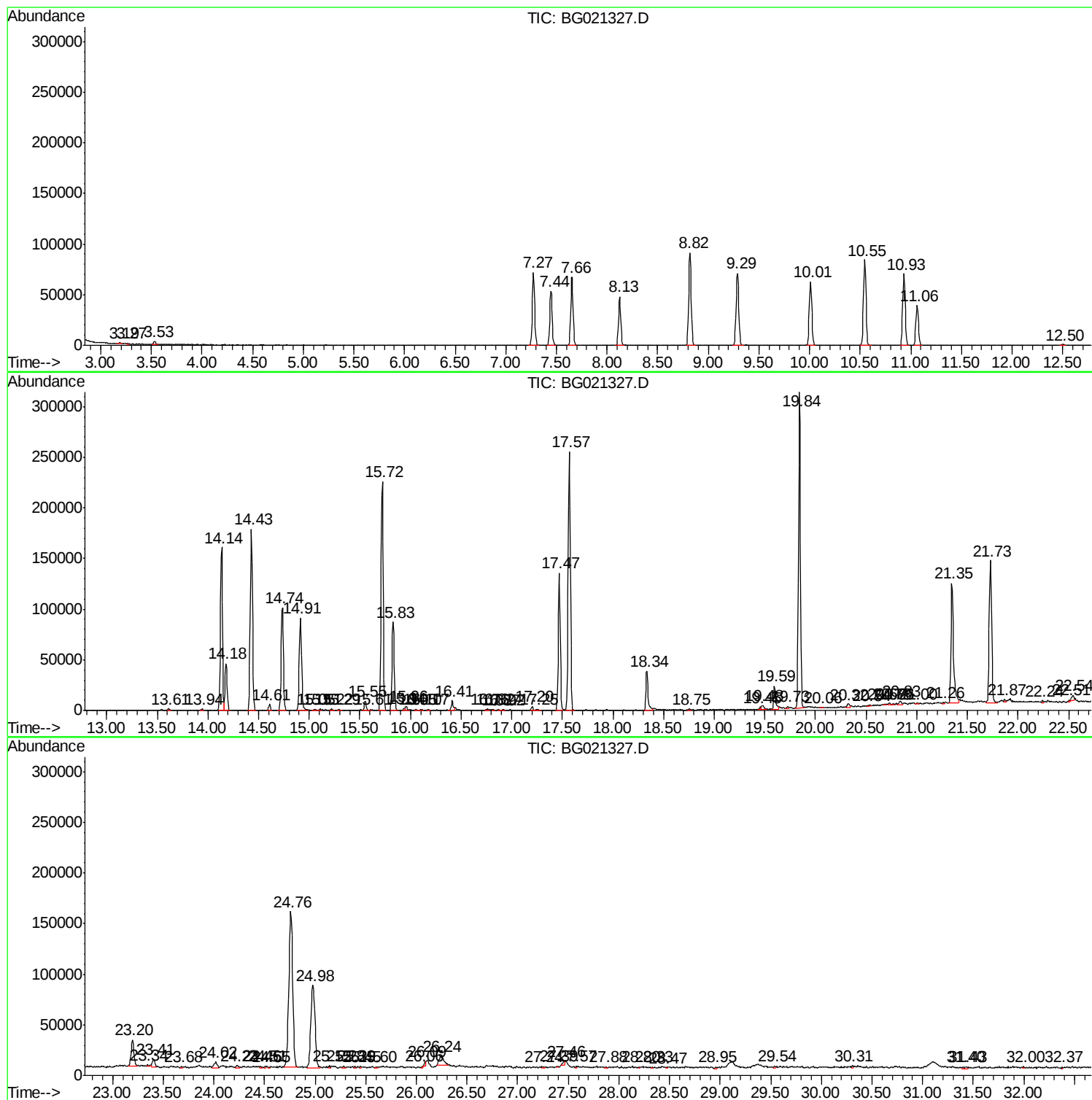
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



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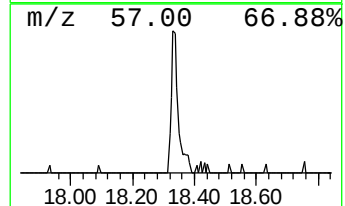
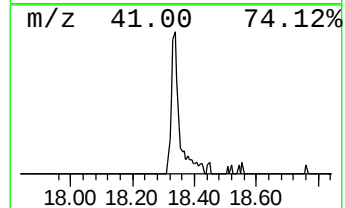
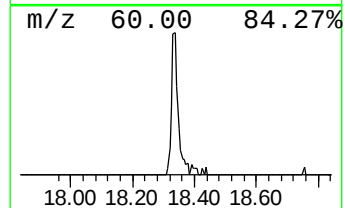
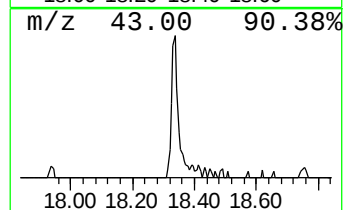
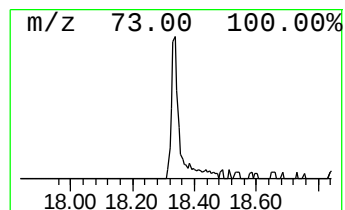
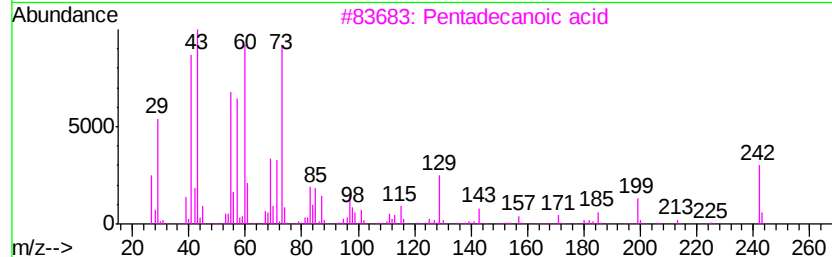
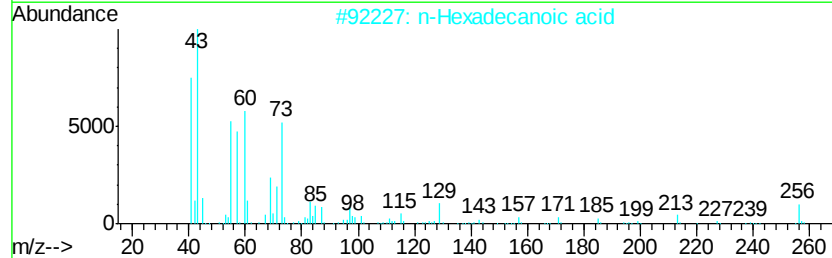
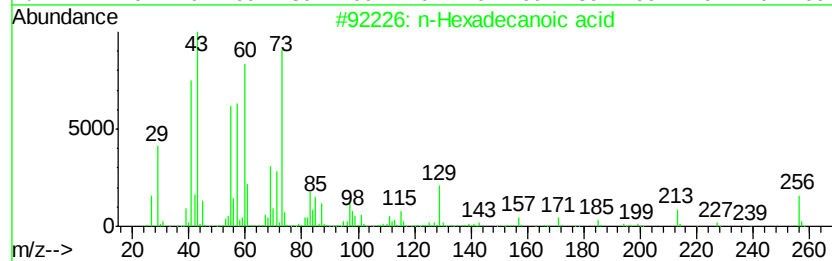
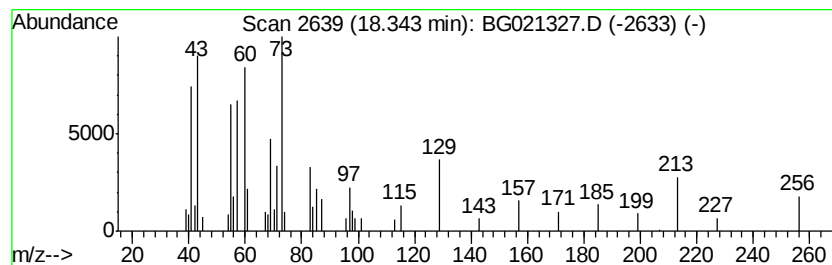
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	5.81 ng/ul	57563	Phenanthrene-d10	17.47

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	81
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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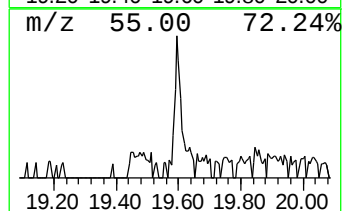
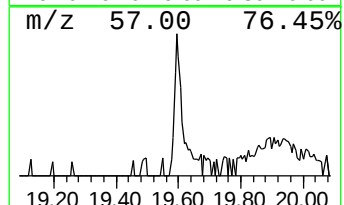
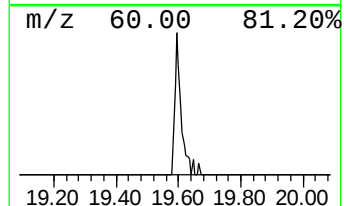
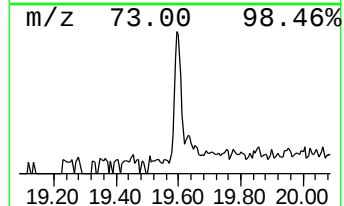
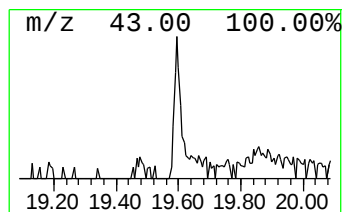
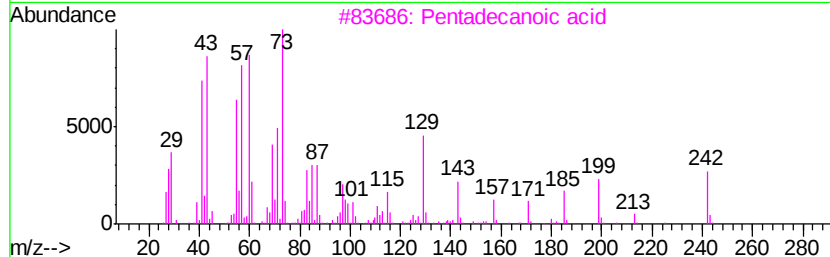
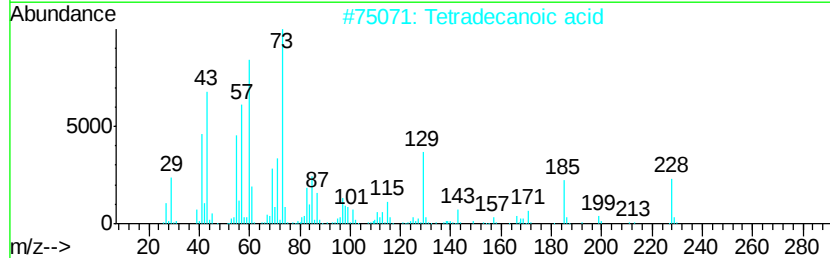
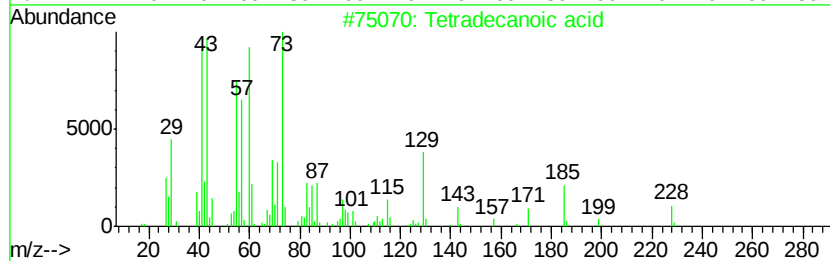
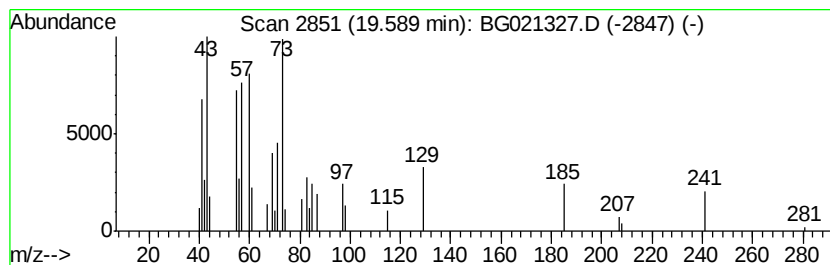
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	3.28 ng/ul	32499	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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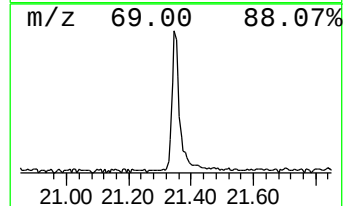
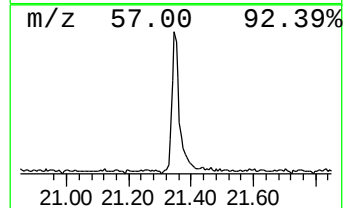
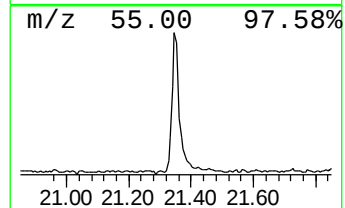
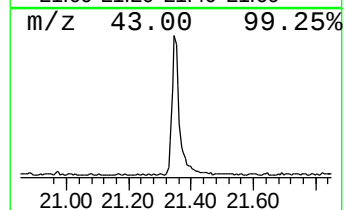
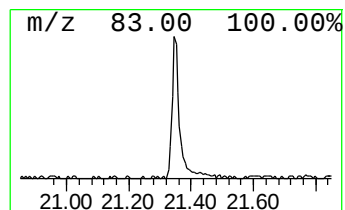
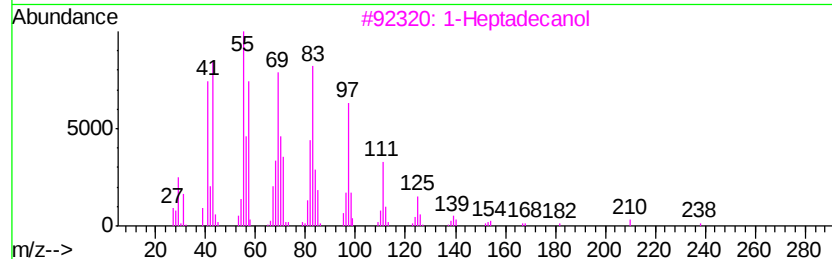
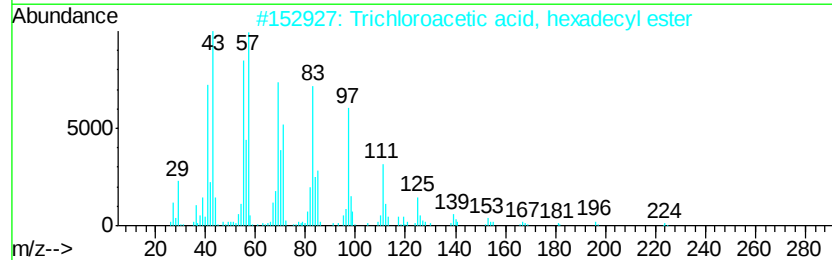
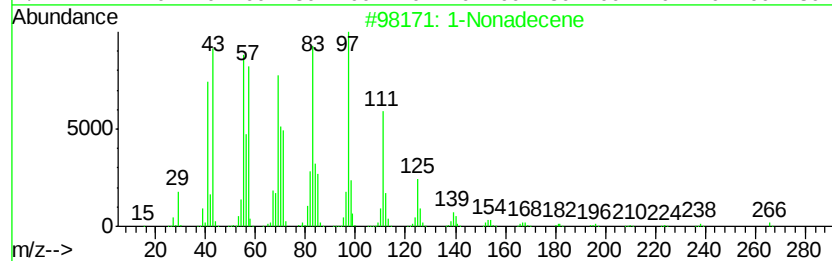
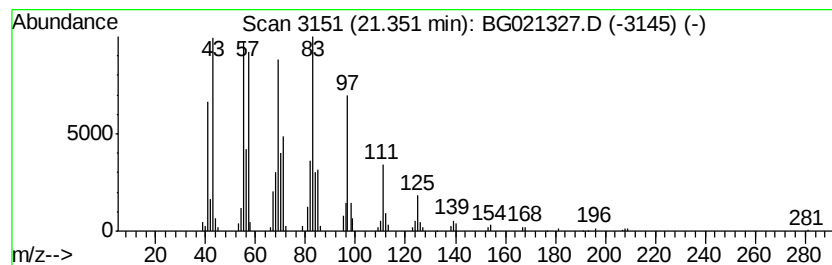
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	16.64 ng/ul	195134	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3		1-Heptadecanol	256	C17H36O	001454-85-9	90
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021327.D
Acq On : 6 Mar 2016 5:41
Operator : UM/SJ
Sample : H1650-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-C210

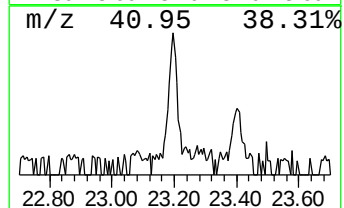
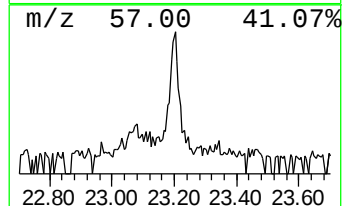
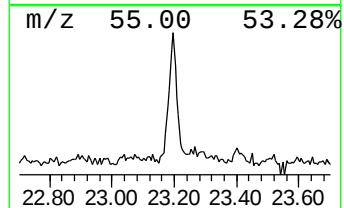
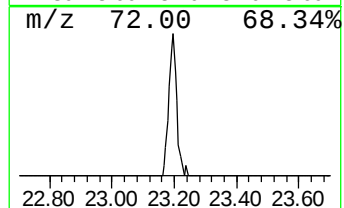
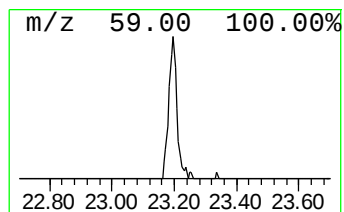
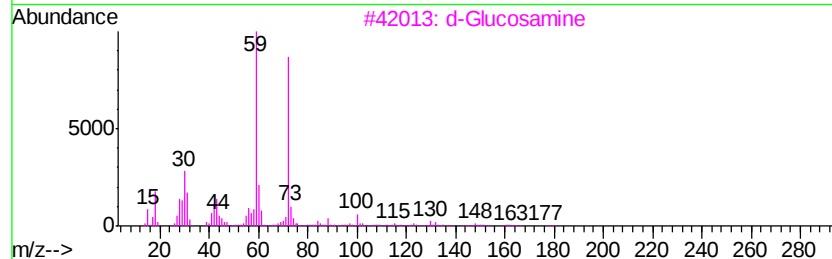
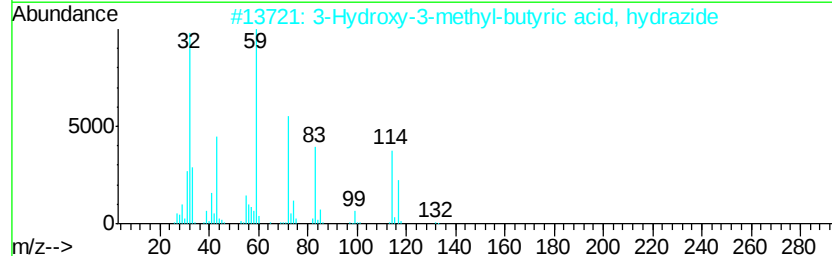
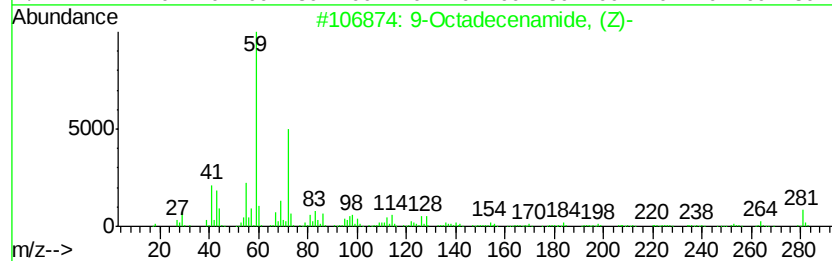
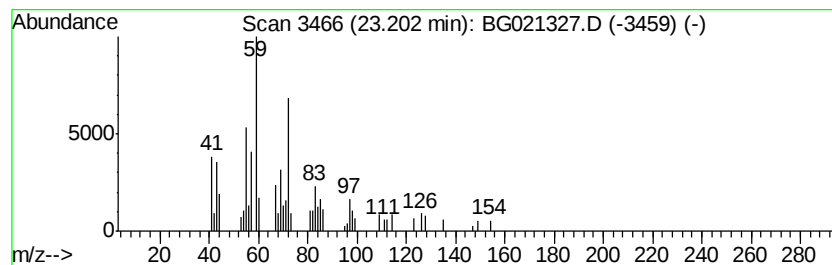
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	4.13 ng/ul	48501	Chrysene-d12	21.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64	
2	3-Hydroxy-3-methyl-butyric acid,...	132	C5H12N2O2	1000193-80-2	53	
3	d-Glucosamine	179	C6H13NO5	000090-77-7	53	
4	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	47	
5	Dodecanamide	199	C12H25NO	001120-16-7	43	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021327.D
Acq On : 6 Mar 2016 5:41
Operator : UM/SJ
Sample : H1650-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-C210

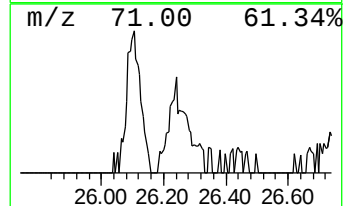
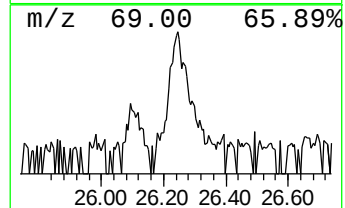
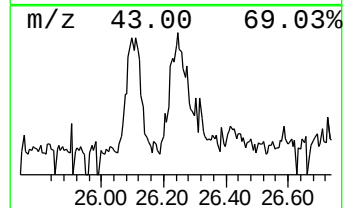
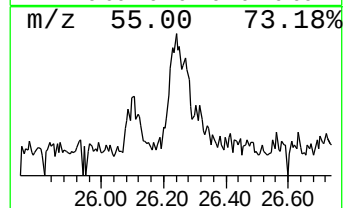
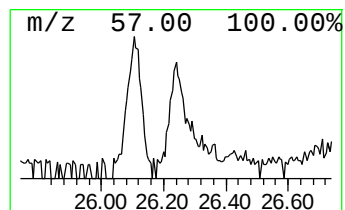
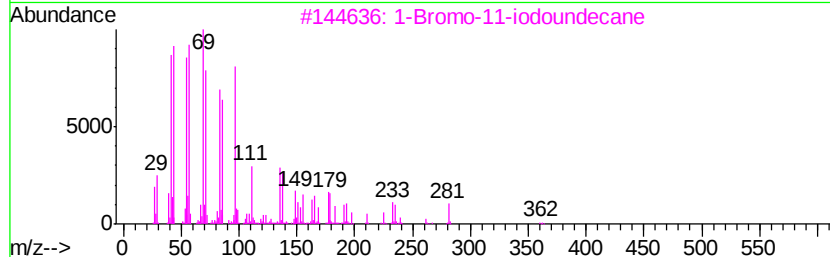
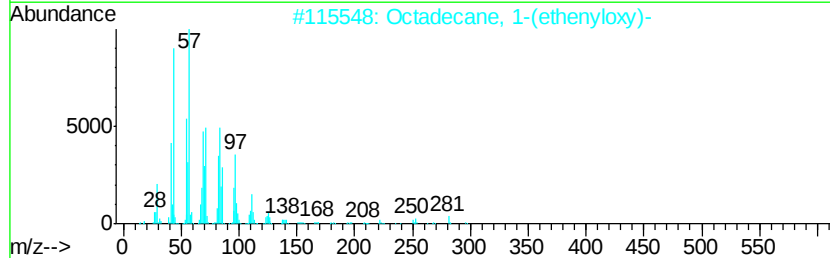
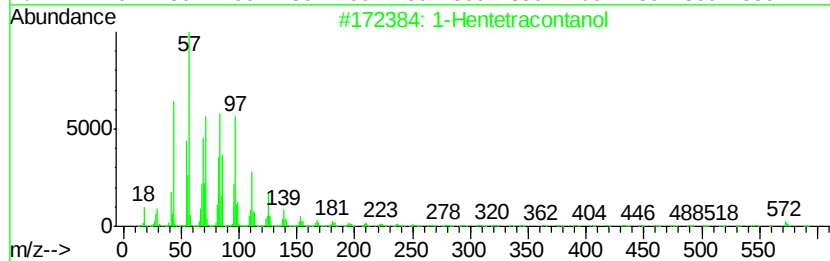
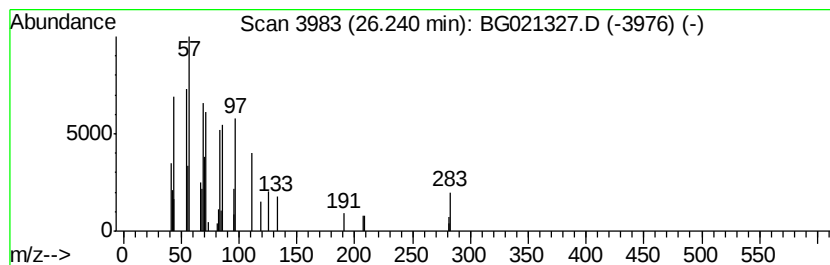
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Hentetracontanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.24	2.68 ng/ul	30562	Perylene-d12	24.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hentetracontanol		593	C41H84O	040710-42-7	50
2	Octadecane, 1-(ethenyloxy)-		296	C20H40O	000930-02-9	47
3	1-Bromo-11-iodoundecane		360	C11H22BrI	139123-69-6	47
4	17-Pentatriacontene		491	C35H70	006971-40-0	47
5	2-Trifluoroacetoxytetradecane		310	C16H29F3O2	1000245-47-4	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
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Sample : H1650-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-C210

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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
n-Hexadecanoic acid	18.34	5.8	ng/ul	57563	4	17.47	198026	20.0
Tetradecanoic acid	19.59	3.3	ng/ul	32499	4	17.47	198026	20.0
(DEL) Alkane: Cyc...	21.35	16.6	ng/ul	195134	5	21.73	234599	20.0
9-Octadecenamide,...	23.20	4.1	ng/ul	48501	5	21.73	234599	20.0
1-Hentetracontanol	26.24	2.7	ng/ul	30562	6	24.98	228169	20.0