

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
 Data File : BG025619.D
 Acq On : 24 Jan 2017 22:29
 Operator : UM/SJ
 Sample : I1316-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP29

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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	3.508	109	114	121	rVB6	27834	50775	1.08%	0.106%
2	3.555	121	122	129	rBV5	6502	12196	0.26%	0.025%
3	3.820	165	167	172	rVB4	9112	10222	0.22%	0.021%
4	4.290	244	247	253	rVB6	7097	11192	0.24%	0.023%
5	4.354	254	258	262	rBV6	7522	9160	0.19%	0.019%
6	4.948	358	359	368	rBV7	4104	9111	0.19%	0.019%
7	5.077	378	381	384	rVB3	6812	8986	0.19%	0.019%
8	5.236	404	408	418	rVB4	10723	24908	0.53%	0.052%
9	5.712	485	489	493	rBV4	7155	10073	0.21%	0.021%
10	5.958	527	531	535	rBV3	6204	12342	0.26%	0.026%
11	6.076	548	551	555	rBV2	6946	11656	0.25%	0.024%
12	6.270	581	584	588	rBV4	5880	8466	0.18%	0.018%
13	6.376	597	602	604	rVB4	5928	8327	0.18%	0.017%
14	6.534	623	629	631	rBV5	6227	8861	0.19%	0.018%
15	7.339	758	766	781	rBV3	371455	912726	19.41%	1.899%
16	7.492	785	792	806	rBV	291413	517524	11.00%	1.077%
17	7.709	820	829	843	rBV	377303	708660	15.07%	1.475%
18	7.968	870	873	878	rBV5	7096	8443	0.18%	0.018%
19	8.173	901	908	920	rBV	250833	476258	10.13%	0.991%
20	8.679	992	994	999	rVB3	5650	8442	0.18%	0.018%
21	8.890	1017	1030	1042	rBV	479180	983248	20.91%	2.046%
22	9.020	1051	1052	1058	rVB5	10332	8464	0.18%	0.018%
23	9.360	1101	1110	1126	rBV	439811	851171	18.10%	1.771%
24	9.672	1157	1163	1169	rVB3	16811	27859	0.59%	0.058%
25	9.960	1211	1212	1217	rBV3	6199	8490	0.18%	0.018%
26	10.089	1225	1234	1244	rBV2	389576	763074	16.23%	1.588%
27	10.459	1291	1297	1299	rBV4	7597	11458	0.24%	0.024%
28	10.635	1317	1327	1340	rBV	489802	1052504	22.38%	2.190%
29	11.005	1382	1390	1401	rVB	408852	784593	16.68%	1.633%
30	11.082	1401	1403	1406	rBV3	6284	8185	0.17%	0.017%
31	11.152	1406	1415	1436	rBV	472915	1065675	22.66%	2.218%
32	12.163	1580	1587	1593	rBV6	6633	15779	0.34%	0.033%
33	12.598	1653	1661	1667	rBV7	11191	28099	0.60%	0.058%
34	13.150	1751	1755	1761	rBV5	8603	13740	0.29%	0.029%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Title : SVOA CALIBRATION

35	13.508	1810	1816	1820	rBV4	7074	14674	0.31%	0.031%
36	13.585	1823	1829	1832	rBV6	7677	14246	0.30%	0.030%
37	13.667	1836	1843	1848	rVB8	7403	14775	0.31%	0.031%
38	13.755	1856	1858	1865	rVB6	5856	10767	0.23%	0.022%
39	13.837	1865	1872	1874	rBV3	6360	8859	0.19%	0.018%
40	13.990	1892	1898	1899	rBV4	5007	10029	0.21%	0.021%
41	14.119	1916	1920	1923	rBV3	7497	9758	0.21%	0.020%
42	14.202	1925	1934	1939	rBV	1294599	1925931	40.95%	4.008%
43	14.249	1939	1942	1951	rVB	309402	453135	9.64%	0.943%
44	14.507	1979	1986	1998	rBV	1271534	2048178	43.55%	4.262%
45	14.648	2005	2010	2015	rBV2	25473	36631	0.78%	0.076%
46	14.807	2028	2037	2049	rVB	821583	1272153	27.05%	2.647%
47	15.042	2071	2077	2097	rBV3	389720	1046957	22.26%	2.179%
48	15.271	2111	2116	2123	rVB7	12721	29750	0.63%	0.062%
49	15.330	2123	2126	2130	rBV6	7033	11332	0.24%	0.024%
50	15.430	2134	2143	2149	rVB6	6824	18205	0.39%	0.038%
51	15.477	2150	2151	2157	rVB4	9294	9291	0.20%	0.019%
52	15.553	2159	2164	2167	rBV2	23680	37410	0.80%	0.078%
53	15.594	2167	2171	2178	rVB2	67699	91880	1.95%	0.191%
54	15.800	2195	2206	2219	rBV	1728894	2801867	59.58%	5.831%
55	15.941	2222	2230	2243	rBV2	624898	1171551	24.91%	2.438%
56	16.035	2243	2246	2251	rVB6	28895	42792	0.91%	0.089%
57	16.223	2274	2278	2284	rVB9	10480	19248	0.41%	0.040%
58	16.452	2311	2317	2327	rBV	83919	162113	3.45%	0.337%
59	16.716	2359	2362	2368	rBV7	7788	17825	0.38%	0.037%
60	16.769	2370	2371	2373	rBV2	11062	8259	0.18%	0.017%
61	16.799	2373	2376	2379	rVV4	8506	10934	0.23%	0.023%
62	16.857	2384	2386	2392	rVB7	11156	17811	0.38%	0.037%
63	16.910	2392	2395	2399	rBV6	11895	18676	0.40%	0.039%
64	16.963	2400	2404	2408	rVB6	12648	17992	0.38%	0.037%
65	17.022	2408	2414	2418	rBV7	17319	32068	0.68%	0.067%
66	17.134	2430	2433	2436	rBV5	8361	8964	0.19%	0.019%
67	17.245	2447	2452	2456	rBV	96745	122732	2.61%	0.255%
68	17.292	2456	2460	2465	rVB5	26594	41590	0.88%	0.087%
69	17.345	2466	2469	2474	rVB6	11250	10735	0.23%	0.022%
70	17.410	2477	2480	2483	rVB4	9709	13324	0.28%	0.028%
71	17.557	2497	2505	2515	rBV	1054422	1742302	37.05%	3.626%

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72	17.656	2515	2522	2539	rVB	1997882	3199401	68.03%	6.658%
73	17.786	2540	2544	2549	rVB7	9146	14722	0.31%	0.031%
74	17.862	2554	2557	2559	rBV4	6390	8455	0.18%	0.018%
75	17.897	2559	2563	2567	rVV6	12890	20964	0.45%	0.044%
76	17.985	2572	2578	2584	rVB2	89722	112681	2.40%	0.234%
77	18.279	2620	2628	2630	rBV9	12823	24624	0.52%	0.051%
78	18.338	2636	2638	2642	rBV5	13932	16854	0.36%	0.035%
79	18.397	2642	2648	2661	rVV2	229585	398569	8.48%	0.829%
80	18.573	2674	2678	2684	rVB8	29520	48539	1.03%	0.101%
81	18.626	2684	2687	2692	rBV7	13018	22756	0.48%	0.047%
82	18.667	2692	2694	2698	rBV4	21864	25040	0.53%	0.052%
83	18.802	2714	2717	2722	rBV7	9802	13945	0.30%	0.029%
84	18.902	2732	2734	2740	rVB7	7867	11082	0.24%	0.023%
85	19.601	2844	2853	2858	rVB2	89041	183792	3.91%	0.382%
86	19.654	2858	2862	2869	rBV7	70748	131602	2.80%	0.274%
87	19.795	2879	2886	2902	rVB	3788329	4702773	100.00%	9.787%
88	19.930	2902	2909	2924	rBV	2552895	4005776	85.18%	8.336%
89	20.394	2985	2988	2991	rBV5	21980	38243	0.81%	0.080%
90	20.453	2996	2998	3001	rBV4	16961	17653	0.38%	0.037%
91	20.829	3056	3062	3069	rVB	3685657	4035505	85.81%	8.398%
92	21.417	3157	3162	3174	rBV7	119554	338488	7.20%	0.704%
93	21.846	3227	3235	3251	rVB	1162427	2179139	46.34%	4.535%
94	24.125	3618	3623	3631	rBV8	43050	97124	2.07%	0.202%
95	25.001	3761	3772	3783	rBV2	1311257	3936809	83.71%	8.193%
96	25.101	3784	3789	3800	rVB8	78387	215944	4.59%	0.449%
97	25.230	3801	3811	3829	rVB3	630335	1965492	41.79%	4.090%
98	26.270	3983	3988	3999	rVB7	71496	199454	4.24%	0.415%
99	27.680	4220	4228	4238	rVB6	70379	252821	5.38%	0.526%
100	29.349	4506	4512	4513	rBV6	34704	59324	1.26%	0.123%

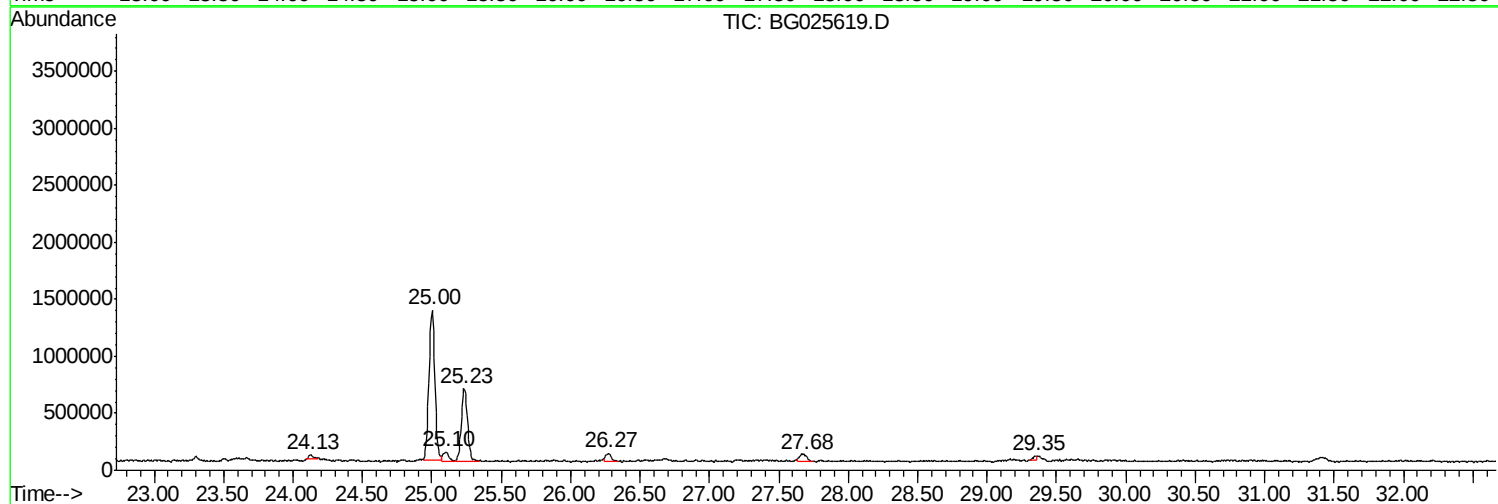
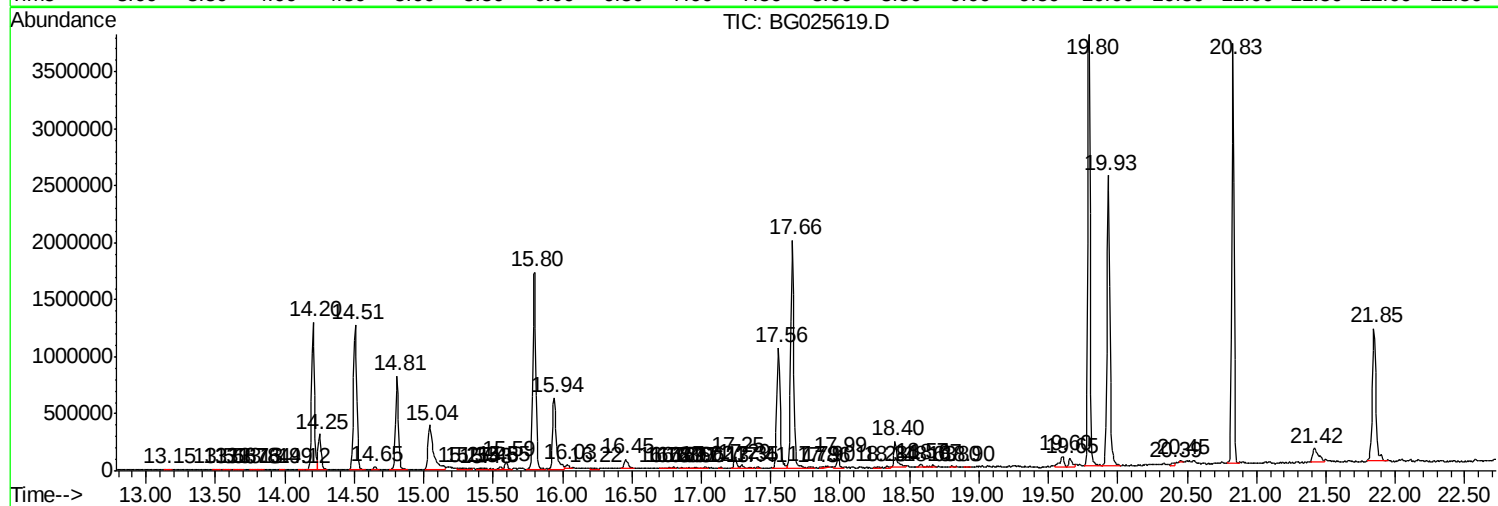
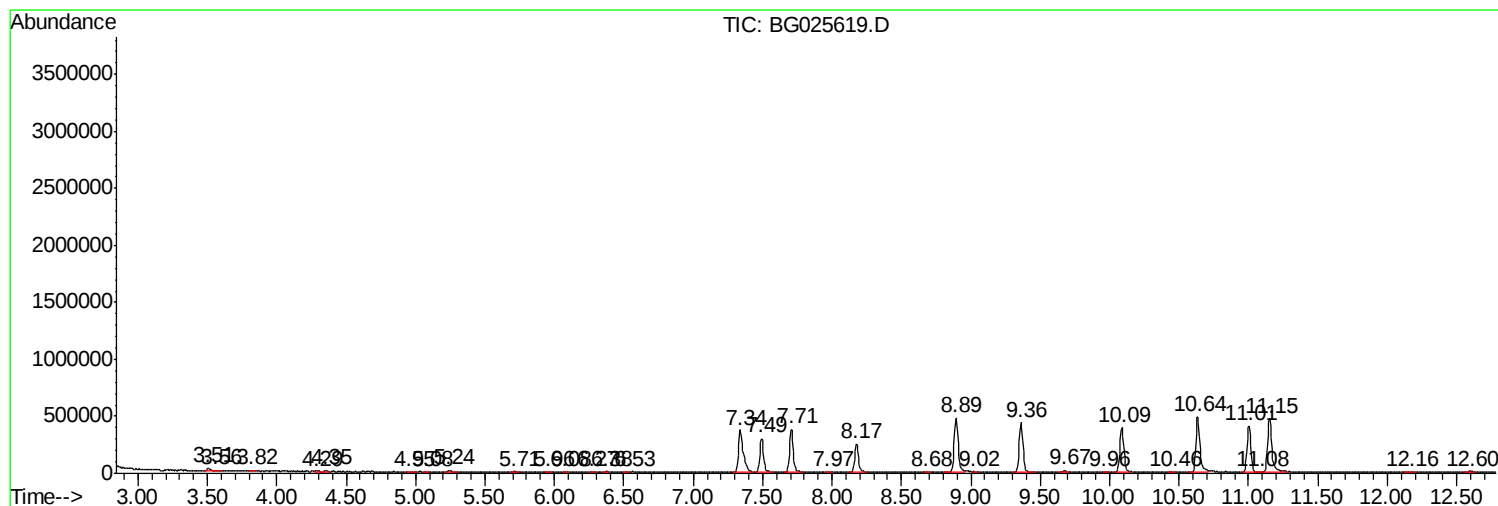
Sum of corrected areas: 48052982

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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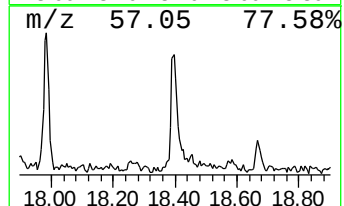
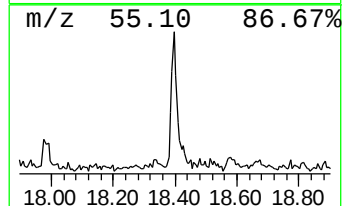
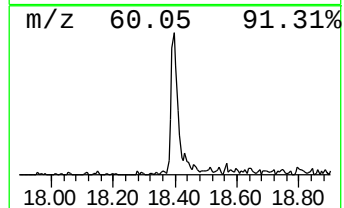
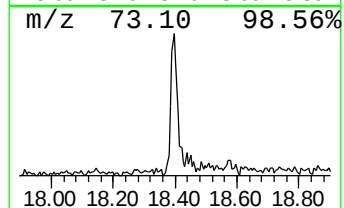
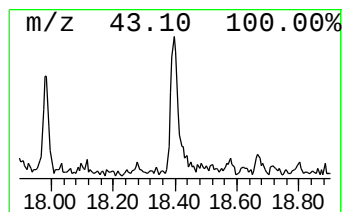
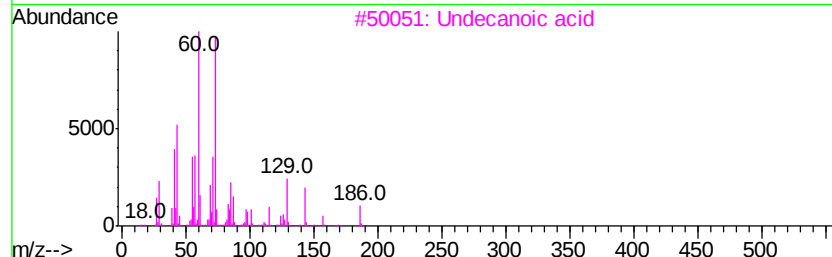
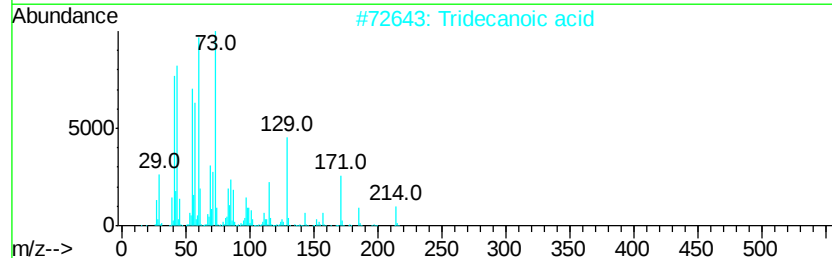
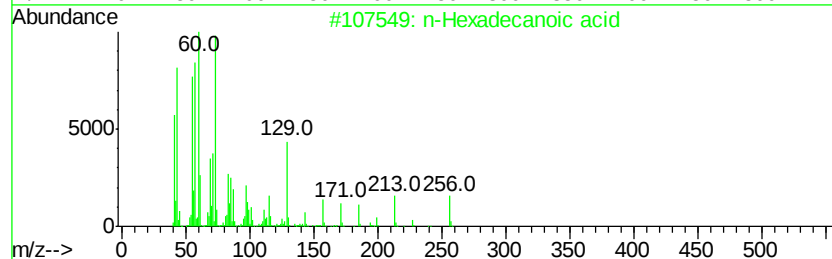
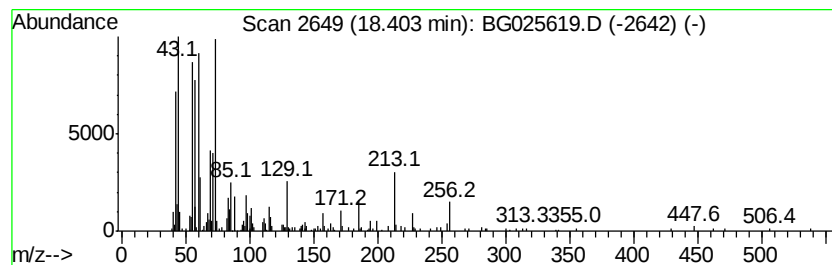
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	4.58 ng/ul	398569	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Undecanoic acid	186	C11H22O2	000112-37-8	76
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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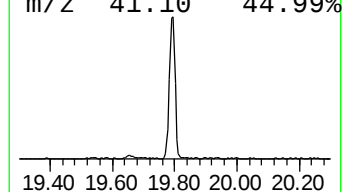
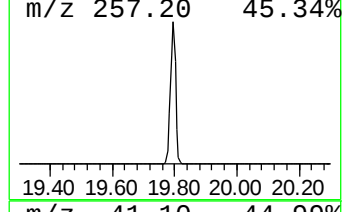
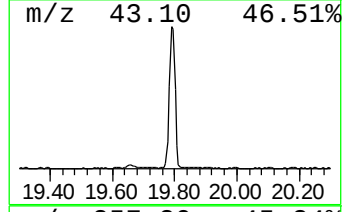
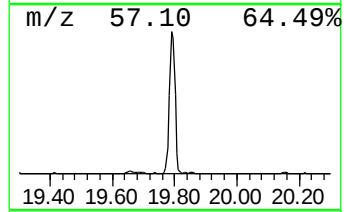
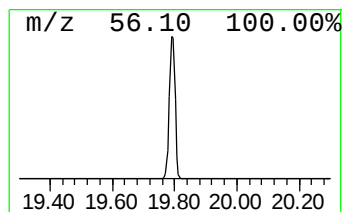
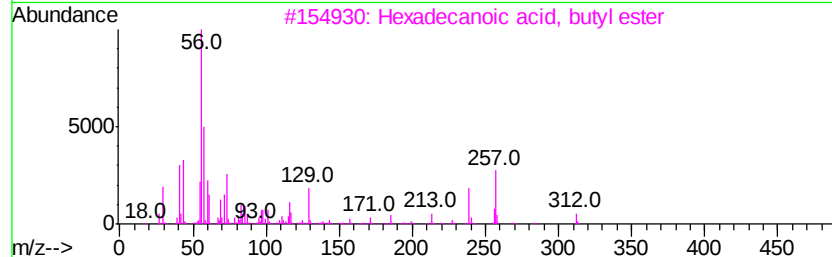
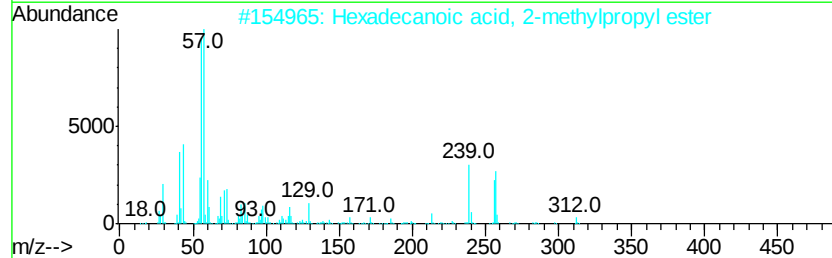
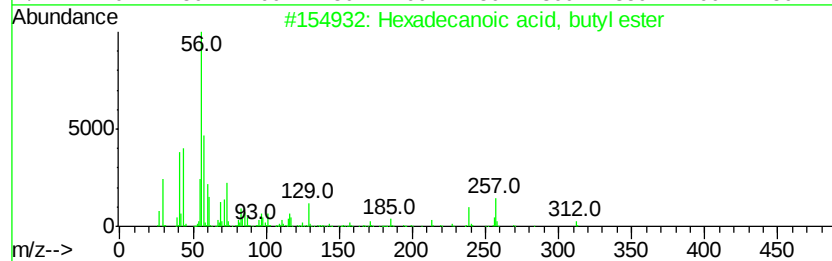
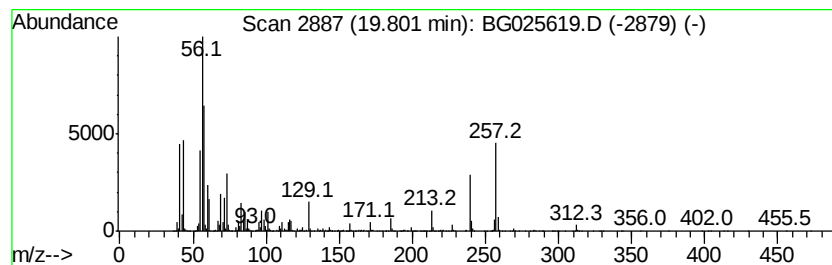
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	43.16 ng/ul	4702770	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
2		Hexadecanoic acid, 2-methylpropyl ester	312	C20H40O2	000110-34-9	93
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
4		Hexadecanoic acid, 1,1-dimethylester	312	C20H40O2	031158-91-5	43
5		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35



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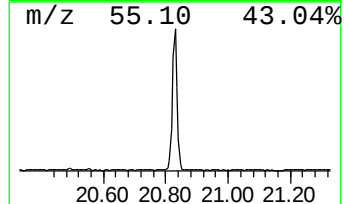
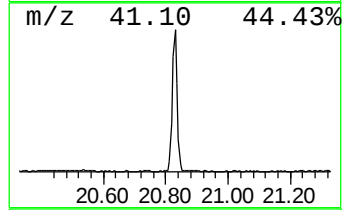
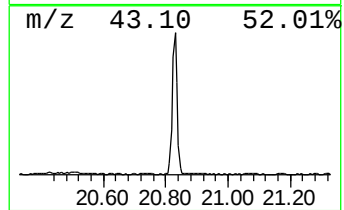
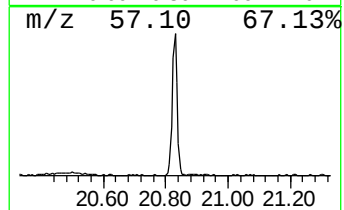
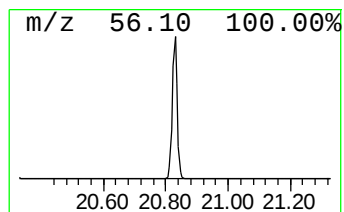
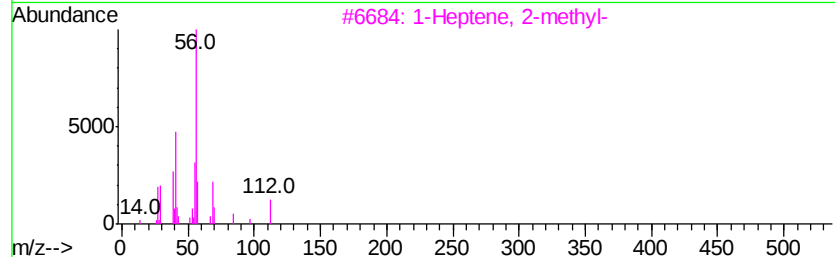
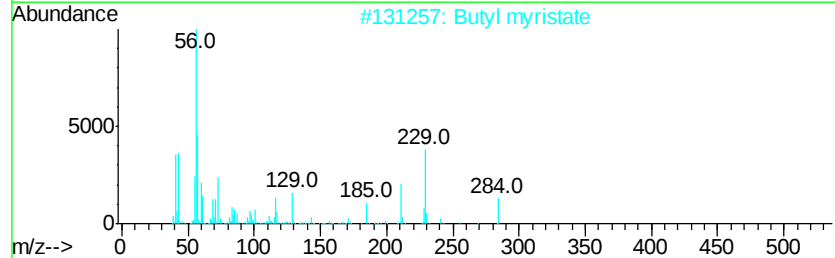
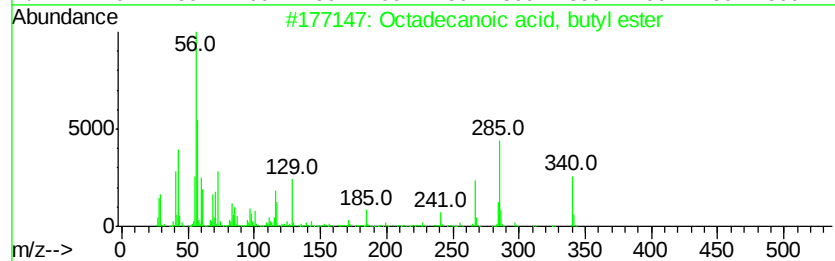
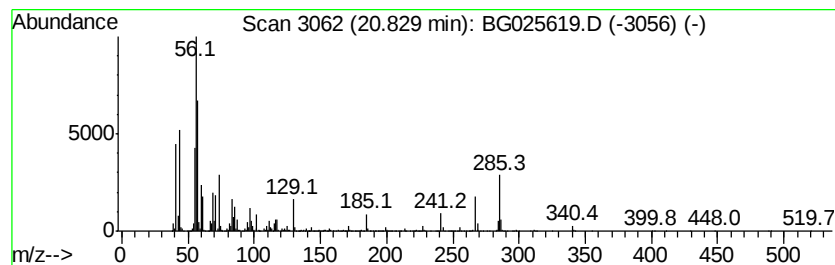
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	37.04 ng/ul	4035510	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2		Butyl myristate	284	C18H36O2	000110-36-1	58
3		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27
4		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27
5		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
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Acq On : 24 Jan 2017 22:29
Operator : UM/SJ
Sample : I1316-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

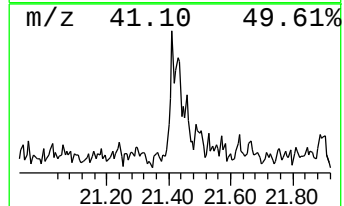
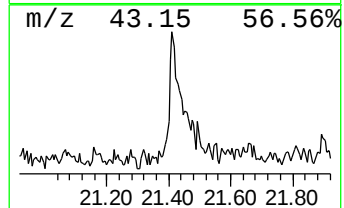
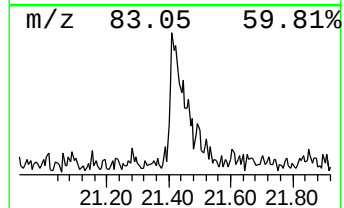
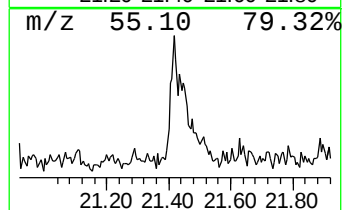
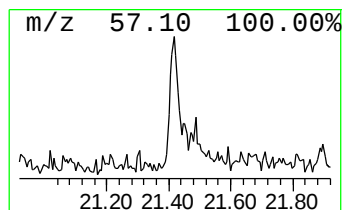
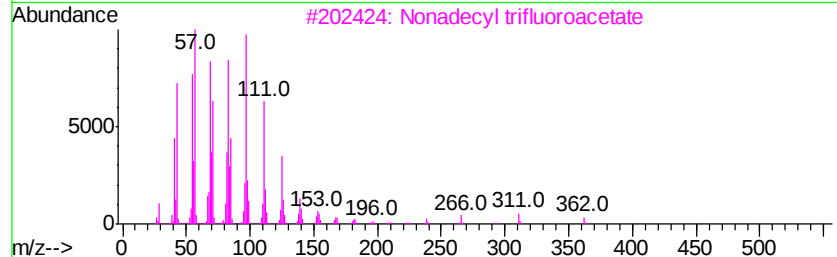
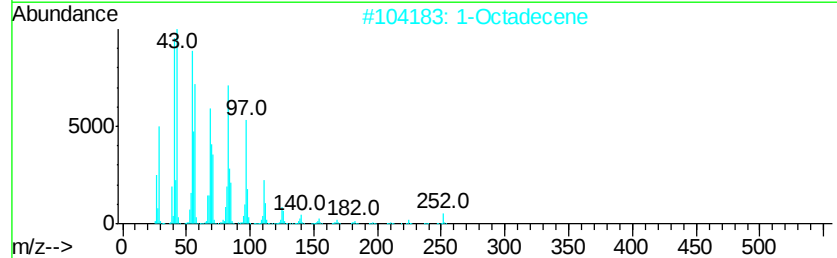
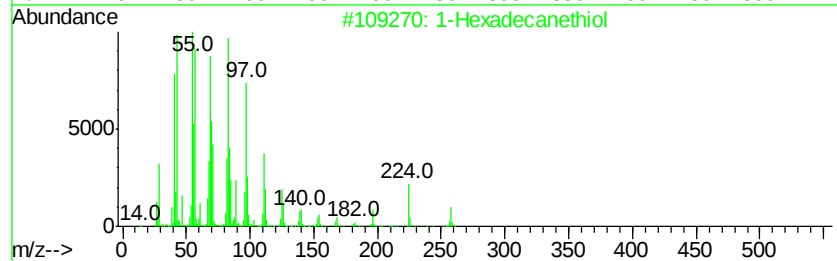
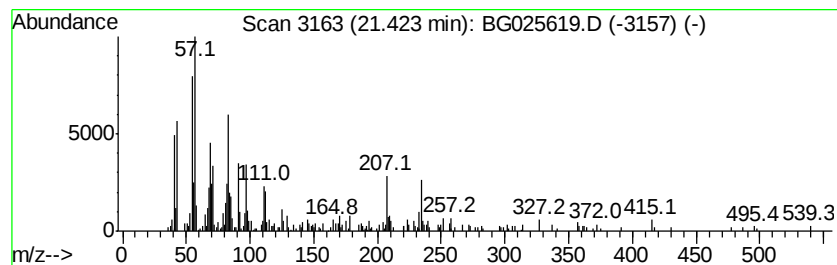
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Hexadecanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.42	3.11 ng/ul	338488	Chrysene-d12	21.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanethiol		258	C16H34S	002917-26-2	70
2	1-Octadecene		252	C18H36	000112-88-9	70
3	Nonadecyl trifluoroacetate		380	C21H39F3O2	1000351-76-3	70
4	1-Pentadecene		210	C15H30	013360-61-7	64
5	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	62



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ClientSampleId :
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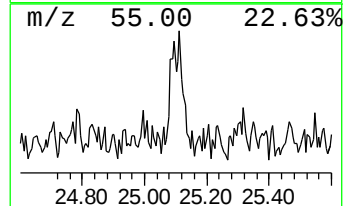
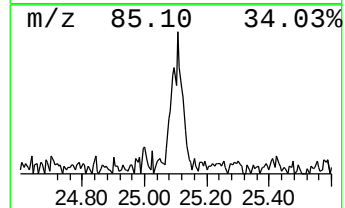
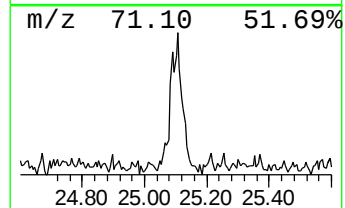
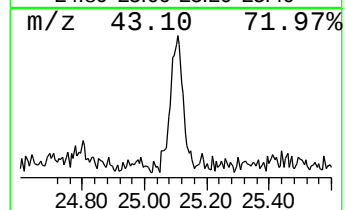
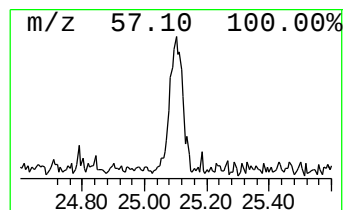
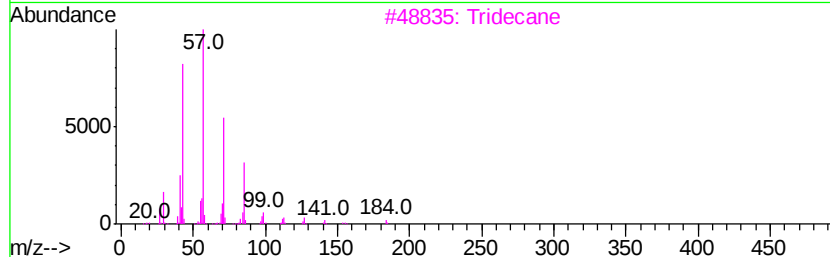
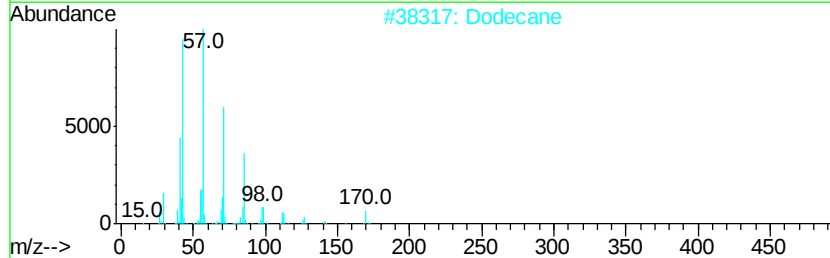
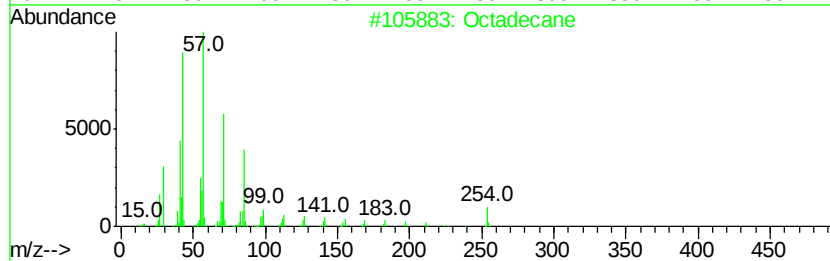
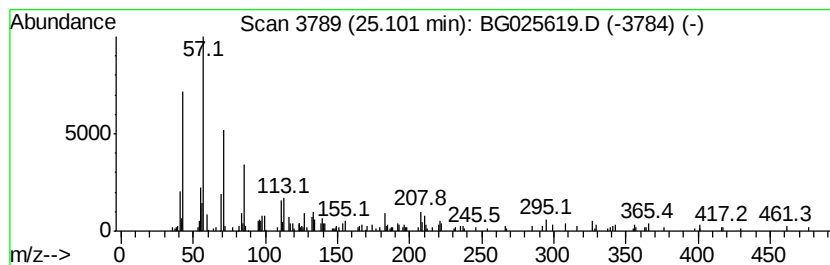
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	2.20 ng/ul	215944	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	64
2		Dodecane	170	C12H26	000112-40-3	58
3		Tridecane	184	C13H28	000629-50-5	58
4		Tetradecane	198	C14H30	000629-59-4	58
5		Nonane, 1-iodo-	254	C9H19I	004282-42-2	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
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Operator : UM/SJ
Sample : I1316-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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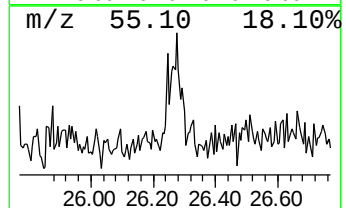
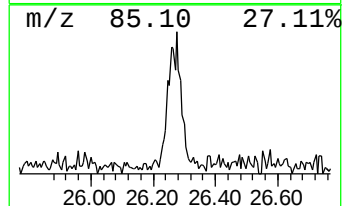
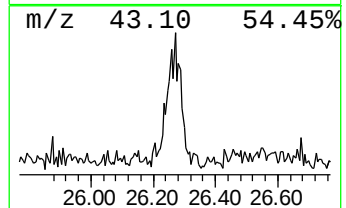
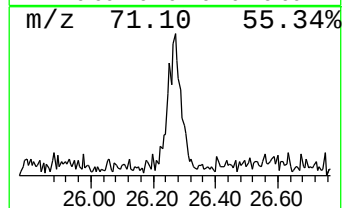
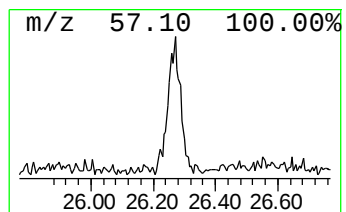
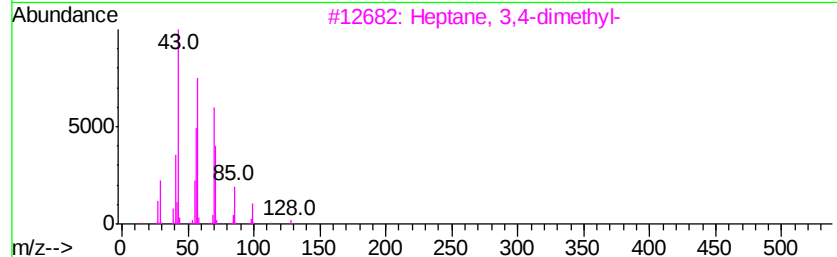
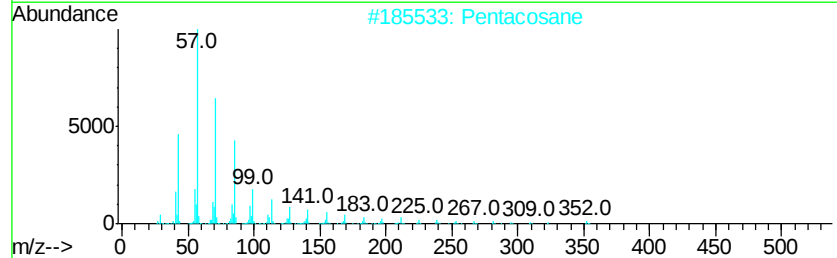
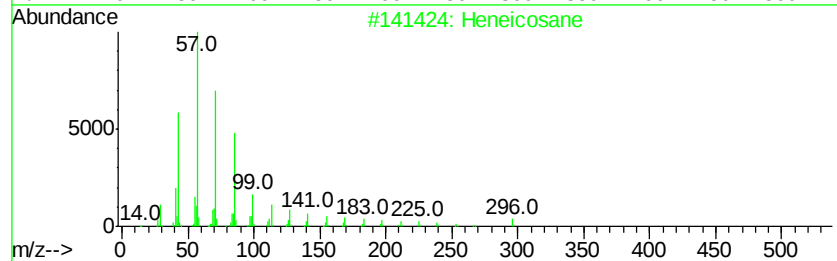
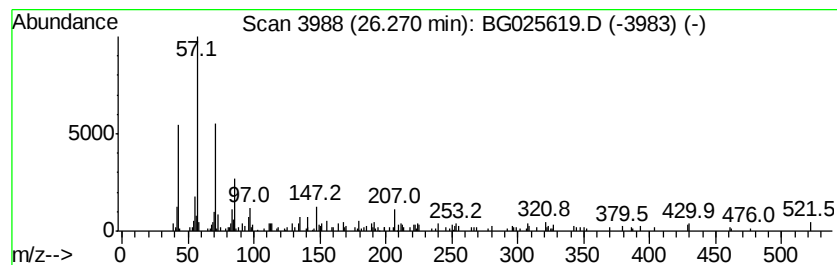
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	2.03 ng/ul	199454	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	58
2		Pentacosane	352	C25H52	000629-99-2	58
3		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	53
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
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ALS Vial : 19 Sample Multiplier: 1

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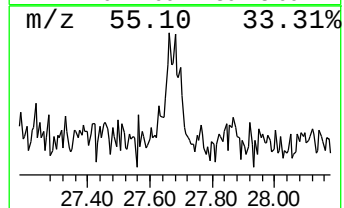
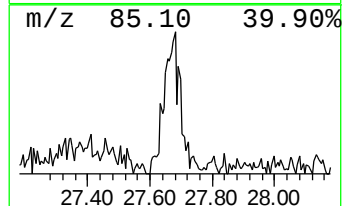
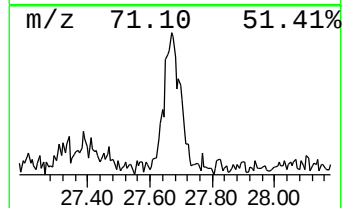
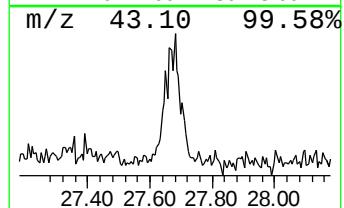
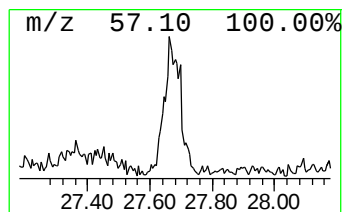
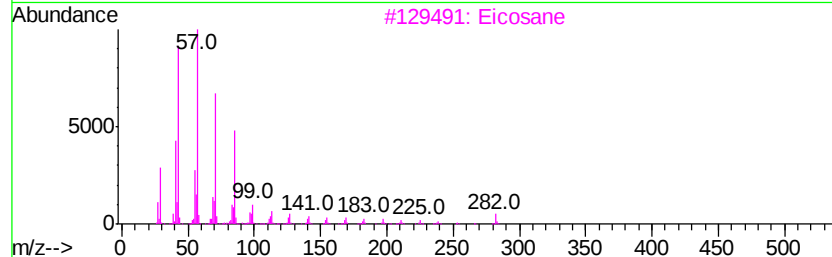
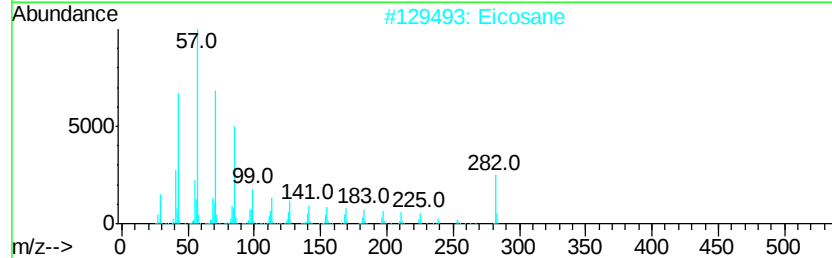
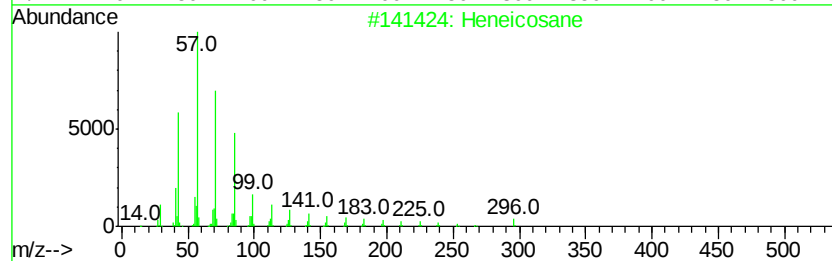
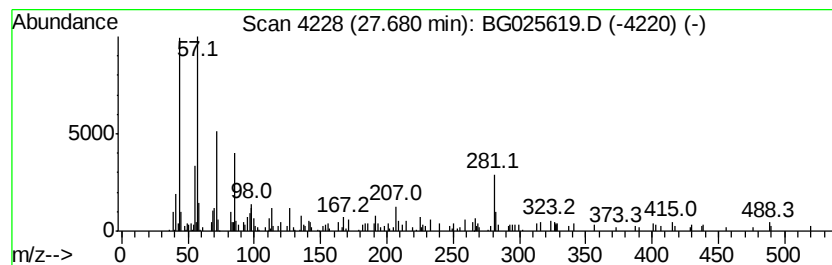
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.68	2.57 ng/ul	252821	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	55
2		Eicosane	282	C20H42	000112-95-8	53
3		Eicosane	282	C20H42	000112-95-8	53
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	49
5		2-methyltetracosane	352	C25H52	1000376-72-6	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
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Acq On : 24 Jan 2017 22:29
Operator : UM/SJ
Sample : I1316-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Hexadecanoic acid...	19.80	43.2	ng/ul	4702770	5	21.85	2179140	20.0
Octadecanoic acid...	20.83	37.0	ng/ul	4035510	5	21.85	2179140	20.0
1-Hexadecanethiol	21.42	3.1	ng/ul	338488	5	21.85	2179140	20.0
(DEL) Alkane: Str...	25.10	2.2	ng/ul	215944	6	25.23	1965490	20.0
(DEL) Alkane: Str...	26.27	2.0	ng/ul	199454	6	25.23	1965490	20.0
(DEL) Alkane: Str...	27.68	2.6	ng/ul	252821	6	25.23	1965490	20.0