

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026882.D
 Acq On : 6 May 2017 14:48
 Operator : SJ/MA
 Sample : I2884-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB35

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\SOM-EPA-BG042717.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	3.248	24	27	34	rVV7	5891	9543	0.33%	0.023%
2	3.430	53	58	65	rVB	21879	33504	1.16%	0.082%
3	3.930	138	143	149	rBV6	2857	6411	0.22%	0.016%
4	4.182	185	186	192	rVB3	5501	5382	0.19%	0.013%
5	4.740	274	281	283	rBV7	2453	5179	0.18%	0.013%
6	5.117	341	345	351	rVB5	2898	6414	0.22%	0.016%
7	5.551	415	419	425	rVB5	3577	6962	0.24%	0.017%
8	5.616	425	430	433	rBV5	2148	4760	0.16%	0.012%
9	6.215	529	532	540	rVB4	4477	10596	0.37%	0.026%
10	7.185	687	697	714	rVV	510839	1033503	35.76%	2.532%
11	7.332	714	722	733	rVV	444339	765073	26.47%	1.874%
12	7.431	733	739	745	rVB5	3892	8902	0.31%	0.022%
13	7.543	749	758	775	rBV	559700	1001285	34.64%	2.453%
14	7.690	782	783	791	rVB5	3647	5491	0.19%	0.013%
15	7.790	794	800	803	rBV5	2404	5076	0.18%	0.012%
16	8.007	824	837	849	rBV	604797	1034391	35.79%	2.534%
17	8.401	897	904	906	rBV3	2508	5564	0.19%	0.014%
18	8.718	948	958	984	rBV	626541	1264984	43.77%	3.099%
19	9.165	1025	1034	1054	rVB	512969	933283	32.29%	2.286%
20	9.323	1054	1061	1063	rBV3	6878	12259	0.42%	0.030%
21	9.582	1098	1105	1115	rBV3	16712	27614	0.96%	0.068%
22	9.887	1147	1157	1173	rBV	401688	740282	25.61%	1.813%
23	10.440	1239	1251	1273	rBV	613305	1290490	44.65%	3.161%
24	10.804	1302	1313	1326	rVB	968906	1752502	60.63%	4.293%
25	10.939	1326	1336	1360	rBV	407938	854557	29.57%	2.093%
26	12.208	1547	1552	1555	rBV4	3067	6246	0.22%	0.015%
27	12.390	1577	1583	1592	rVB3	12260	26641	0.92%	0.065%
28	12.461	1592	1595	1604	rBV5	2180	5939	0.21%	0.015%
29	13.101	1697	1704	1709	rBV7	3402	8438	0.29%	0.021%
30	13.148	1709	1712	1720	rVV5	3579	6972	0.24%	0.017%
31	13.225	1720	1725	1733	rVV6	8175	13864	0.48%	0.034%
32	13.442	1754	1762	1767	rBV2	18984	28609	0.99%	0.070%
33	13.595	1780	1788	1794	rVB10	4442	13417	0.46%	0.033%
34	13.959	1845	1850	1854	rVV5	4866	9463	0.33%	0.023%

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35	14.018	1854	1860	1865	rVV	1061572	1580564	54.68%	3.872%
36	14.065	1865	1868	1877	rVV	480683	683379	23.64%	1.674%
37	14.135	1877	1880	1886	rVB7	8858	12253	0.42%	0.030%
38	14.218	1887	1894	1898	rVB5	6242	9609	0.33%	0.024%
39	14.312	1900	1910	1924	rBV	1506026	2416397	83.60%	5.919%
40	14.435	1929	1931	1934	rBV4	4052	5170	0.18%	0.013%
41	14.506	1937	1943	1949	rVB2	46954	61405	2.12%	0.150%
42	14.617	1953	1962	1975	rBV2	1346193	2225081	76.98%	5.450%
43	14.782	1983	1990	1993	rVB7	3819	6715	0.23%	0.016%
44	14.846	1993	2001	2017	rBV	173519	520147	18.00%	1.274%
45	15.005	2025	2028	2032	rVB5	7426	9479	0.33%	0.023%
46	15.064	2033	2038	2043	rVB9	8955	13870	0.48%	0.034%
47	15.122	2043	2048	2054	rVB4	13363	22650	0.78%	0.055%
48	15.193	2054	2060	2064	rVB6	10168	18923	0.65%	0.046%
49	15.252	2064	2070	2073	rBV6	3284	6170	0.21%	0.015%
50	15.346	2082	2086	2091	rVB7	4389	5678	0.20%	0.014%
51	15.404	2091	2096	2100	rBV3	11702	20407	0.71%	0.050%
52	15.451	2100	2104	2110	rVB	79123	102466	3.55%	0.251%
53	15.516	2110	2115	2119	rBV6	7425	10568	0.37%	0.026%
54	15.610	2122	2131	2144	rVB	1792034	2804405	97.02%	6.870%
55	15.733	2146	2152	2164	rBV	227126	381207	13.19%	0.934%
56	15.851	2164	2172	2177	rVV3	49578	94871	3.28%	0.232%
57	15.898	2177	2180	2185	rVV7	8181	10937	0.38%	0.027%
58	15.951	2185	2189	2195	rVB6	12579	18972	0.66%	0.046%
59	16.004	2195	2198	2206	rBV9	14452	24151	0.84%	0.059%
60	16.068	2206	2209	2217	rBV3	12919	19396	0.67%	0.048%
61	16.262	2238	2242	2245	rBV4	7876	11411	0.39%	0.028%
62	16.309	2245	2250	2262	rVV	104024	185865	6.43%	0.455%
63	16.486	2277	2280	2284	rVB6	5213	8819	0.31%	0.022%
64	16.556	2289	2292	2298	rVB7	6313	10852	0.38%	0.027%
65	16.650	2304	2308	2312	rBV6	14240	25145	0.87%	0.062%
66	16.709	2316	2318	2322	rVB4	13198	15033	0.52%	0.037%
67	16.768	2322	2328	2333	rBV6	16381	25671	0.89%	0.063%
68	16.815	2333	2336	2343	rBV6	14143	23503	0.81%	0.058%
69	16.885	2344	2348	2351	rVV4	10139	11849	0.41%	0.029%
70	16.944	2357	2358	2364	rVB5	4589	7028	0.24%	0.017%
71	17.097	2379	2384	2389	rBV	69623	92629	3.20%	0.227%

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72	17.149	2389	2393	2403	rVB2	25493	47912	1.66%	0.117%
73	17.255	2405	2411	2416	rVB9	9793	18773	0.65%	0.046%
74	17.355	2419	2428	2437	rBV2	1496752	2268114	78.47%	5.556%
75	17.455	2438	2445	2454	rVB	1773594	2675971	92.58%	6.555%
76	17.637	2469	2476	2481	rBV7	8036	19662	0.68%	0.048%
77	17.749	2492	2495	2502	rBV9	7084	12344	0.43%	0.030%
78	17.837	2504	2510	2515	rBV	26094	38403	1.33%	0.094%
79	18.013	2536	2540	2544	rVB7	14058	18605	0.64%	0.046%
80	18.107	2552	2556	2564	rBV7	11023	27205	0.94%	0.067%
81	18.236	2573	2578	2587	rBV	192706	342001	11.83%	0.838%
82	18.530	2623	2628	2634	rBV8	13206	32521	1.13%	0.080%
83	18.589	2635	2638	2644	rVB8	15968	31093	1.08%	0.076%
84	19.159	2729	2735	2738	rBV7	17155	33512	1.16%	0.082%
85	19.376	2766	2772	2775	rBV	27569	52358	1.81%	0.128%
86	19.500	2789	2793	2801	rBV5	93010	180825	6.26%	0.443%
87	19.623	2810	2814	2821	rBV3	23666	45224	1.56%	0.111%
88	19.735	2827	2833	2846	rBV	2023548	2890395	100.00%	7.080%
89	20.252	2918	2921	2927	rVB4	33962	42470	1.47%	0.104%
90	20.739	3001	3004	3010	rBV5	27918	30344	1.05%	0.074%
91	21.603	3144	3151	3164	rVB	1379148	2418236	83.66%	5.924%
92	21.773	3177	3180	3185	rVB7	28944	42206	1.46%	0.103%
93	22.373	3278	3282	3286	rBV4	40785	65315	2.26%	0.160%
94	23.048	3393	3397	3403	rVB4	55926	90739	3.14%	0.222%
95	23.824	3525	3529	3550	rVB	113372	324622	11.23%	0.795%
96	24.553	3642	3653	3667	rBV2	974675	2867213	99.20%	7.023%
97	24.770	3679	3690	3708	rVB2	912250	2809667	97.21%	6.882%
98	25.851	3866	3874	3883	rVB3	116557	299723	10.37%	0.734%
99	27.167	4090	4098	4110	rVB4	100661	350164	12.11%	0.858%
100	28.753	4360	4368	4383	rVB4	76161	302002	10.45%	0.740%

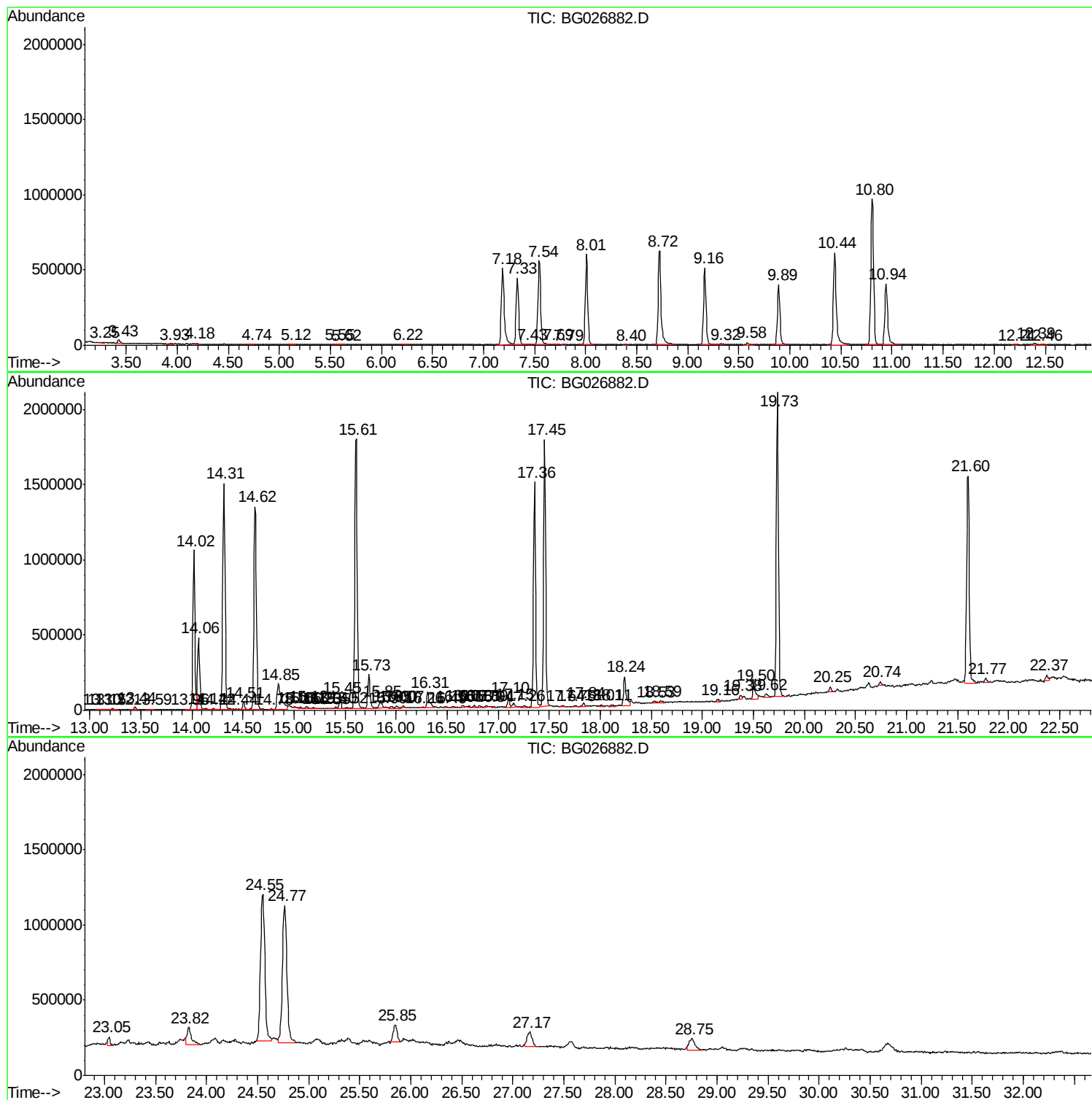
Sum of corrected areas: 40823890

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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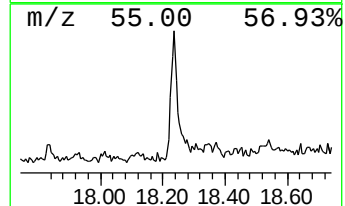
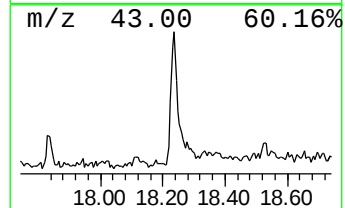
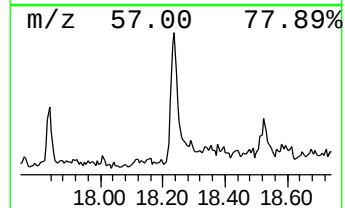
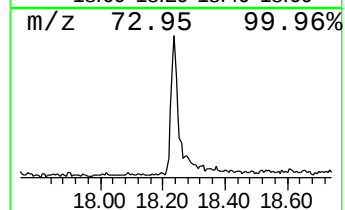
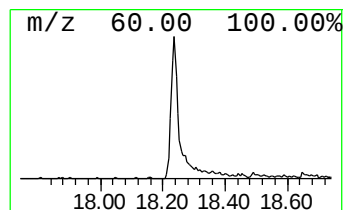
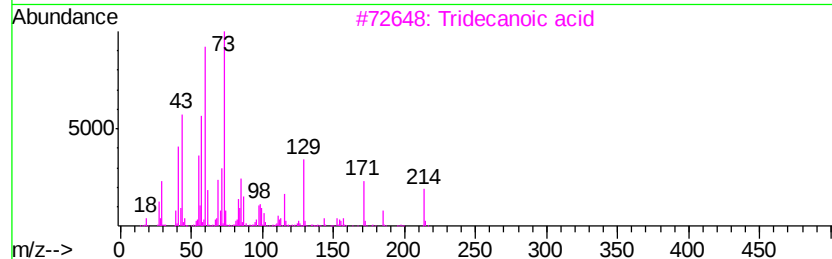
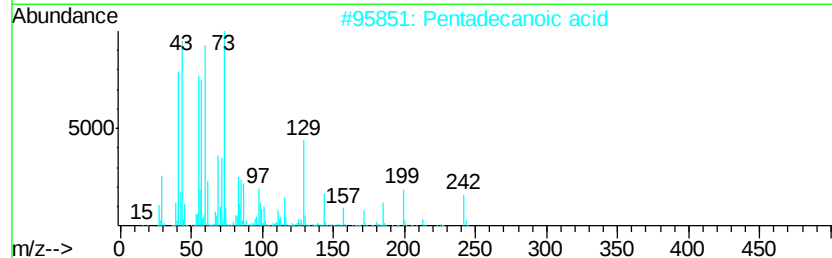
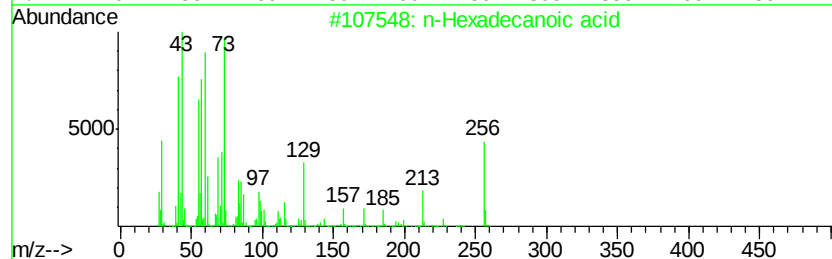
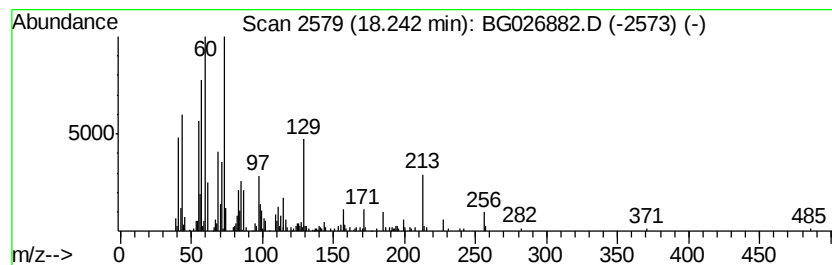
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	3.02 ng/ul	342001	Phenanthrene-d10	17.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72	



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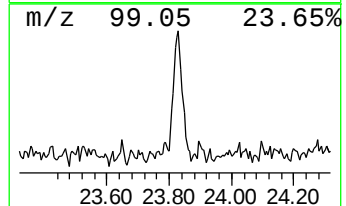
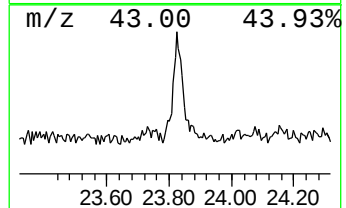
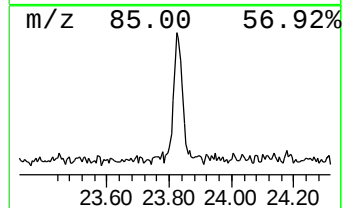
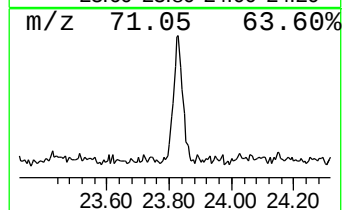
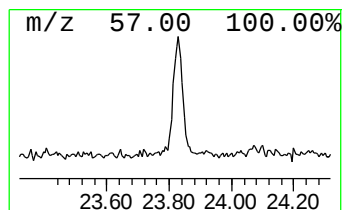
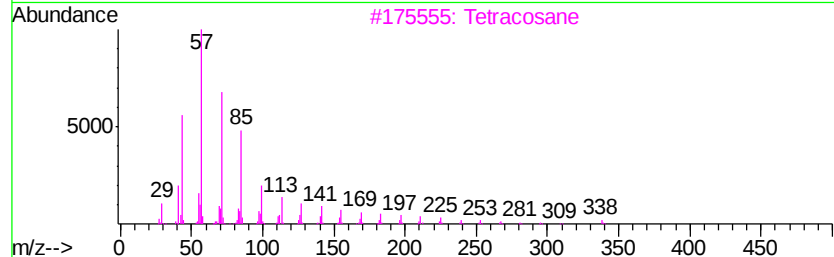
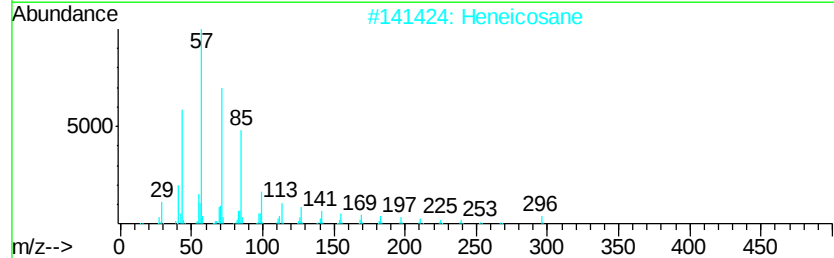
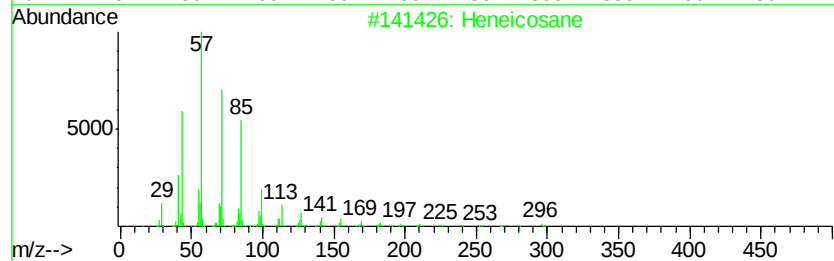
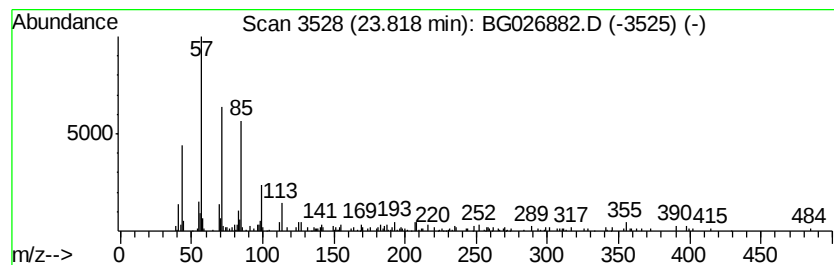
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.31 ng/ul	324622	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	86
4		Heptadecane	240	C17H36	000629-78-7	80
5		6,6-Diethylhexadecane	282	C20H42	1000360-41-4	80



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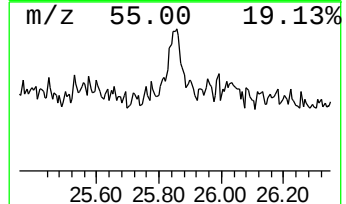
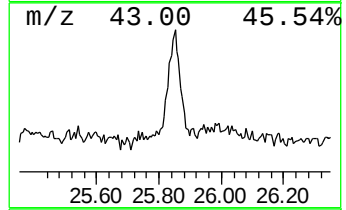
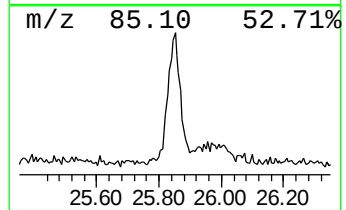
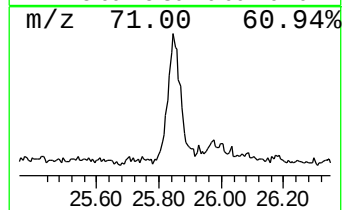
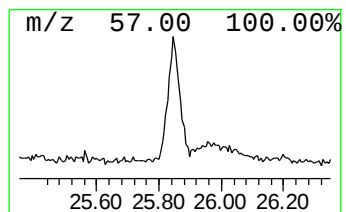
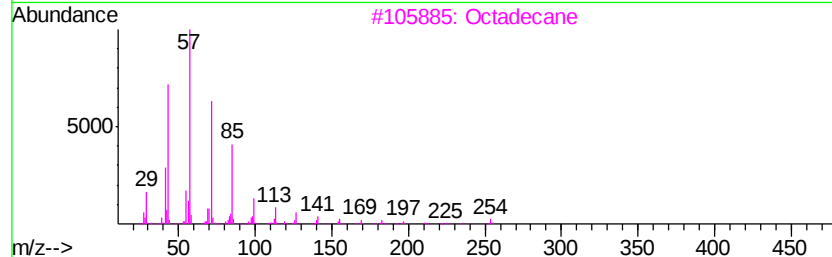
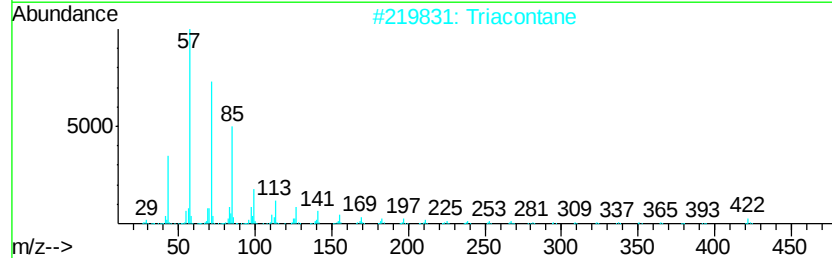
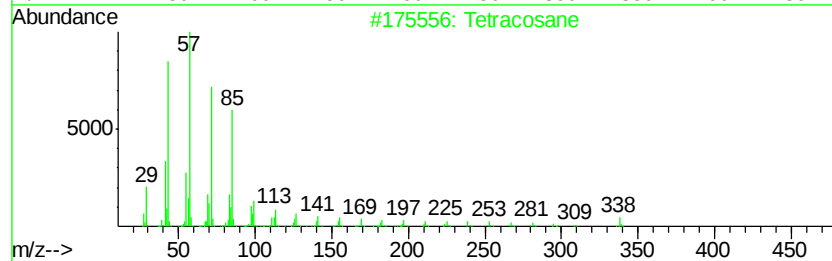
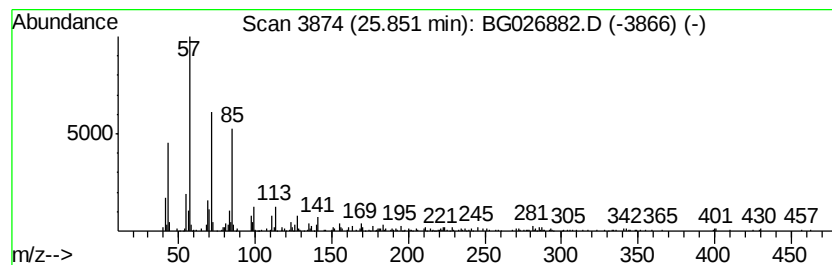
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.13 ng/ul	299723	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		triacontane	422	C30H62	000638-68-6	87
3		Octadecane	254	C18H38	000593-45-3	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Docosane	310	C22H46	000629-97-0	87



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Data File : BG026882.D
Acq On : 6 May 2017 14:48
Operator : SJ/MA
Sample : I2884-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB35

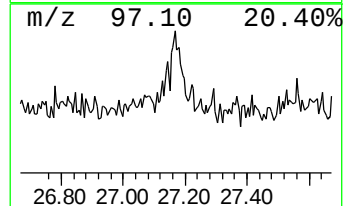
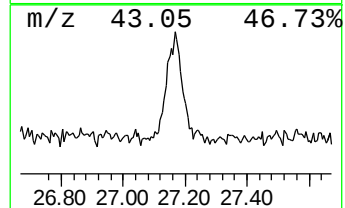
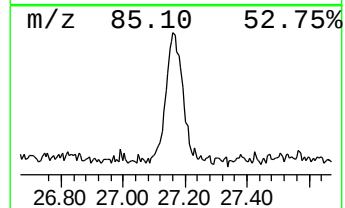
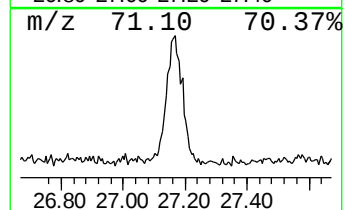
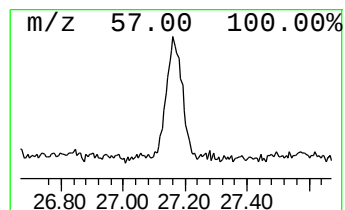
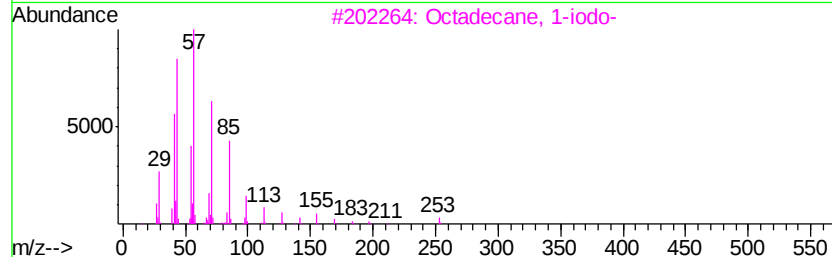
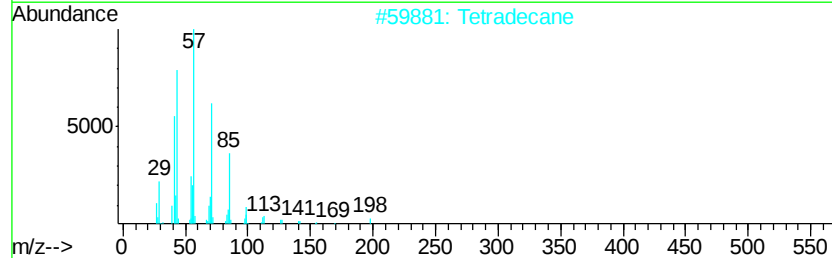
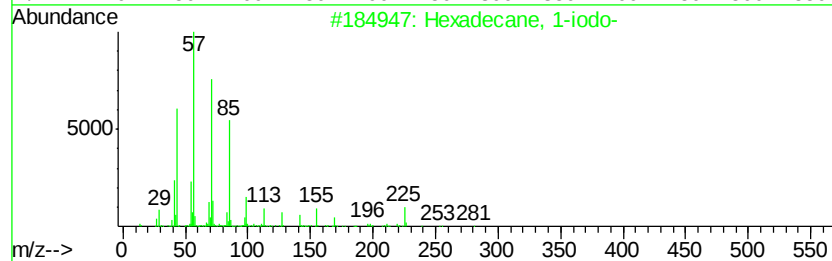
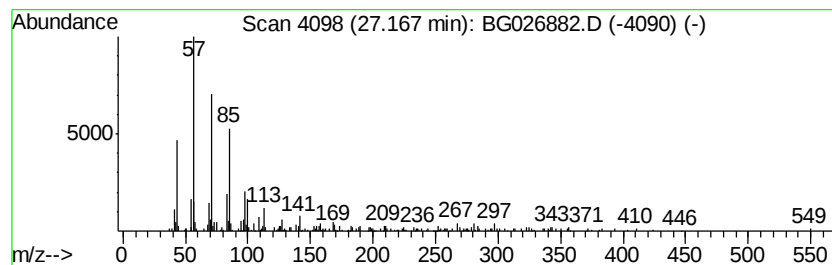
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	2.49 ng/ul	350164	Perylene-d12	24.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	72
2	Tetradecane		198	C14H30	000629-59-4	68
3	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	64
4	Docosane, 7-hexyl-		394	C28H58	055373-86-9	64
5	Undecane, 3-methyl-		170	C12H26	001002-43-3	64



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB35

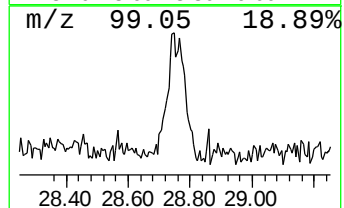
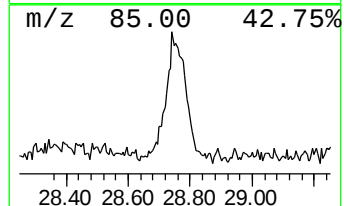
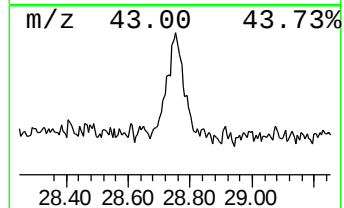
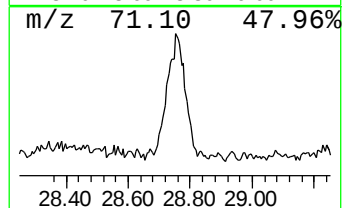
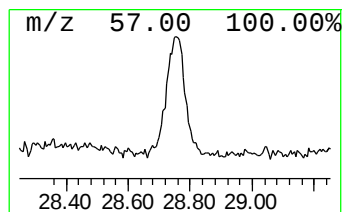
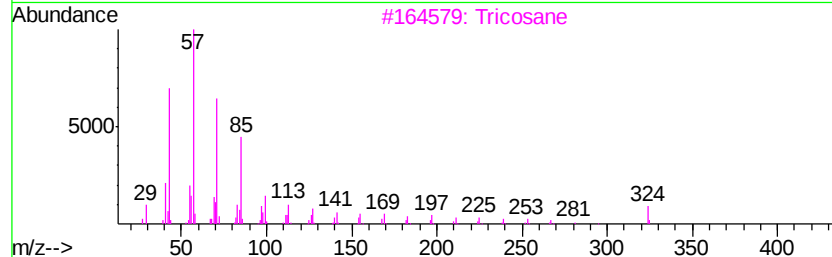
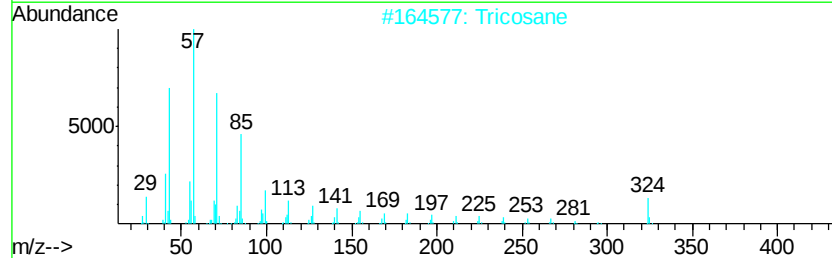
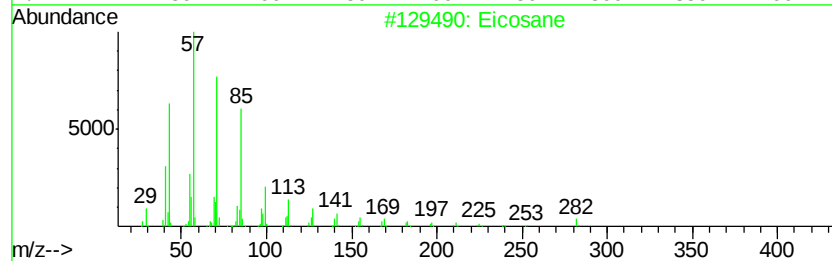
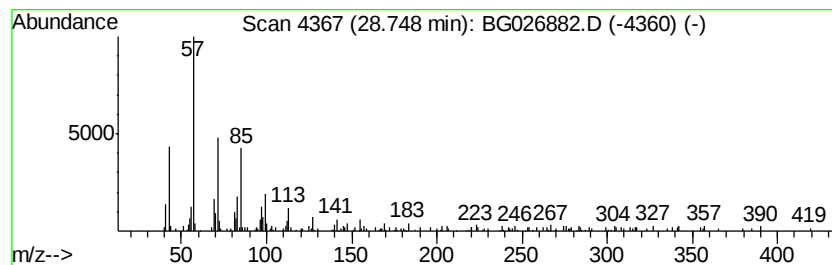
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.75	2.15 ng/ul	302002	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tricosane	324	C23H48	000638-67-5	93
3		Tricosane	324	C23H48	000638-67-5	91
4		Pentacosane	352	C25H52	000629-99-2	87
5		Eicosane	282	C20H42	000112-95-8	87



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB35

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
n-Hexadecanoic acid	18.24	3.0	ng/ul	342001	4	17.36	2268110	20.0
(DEL) Alkane: Str...	23.82	2.3	ng/ul	324622	6	24.77	2809670	20.0
(DEL) Alkane: Str...	25.85	2.1	ng/ul	299723	6	24.77	2809670	20.0
Hexadecane, 1-iodo-	27.17	2.5	ng/ul	350164	6	24.77	2809670	20.0
(DEL) Alkane: Str...	28.75	2.1	ng/ul	302002	6	24.77	2809670	20.0