

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026791.D
 Acq On : 1 May 2017 2:49
 Operator : SJ/MA
 Sample : I2846-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSR7

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	3.423	52	57	66	rVB	48953	77869	1.57%	0.126%
2	4.187	179	187	195	rVB4	9625	22035	0.44%	0.036%
3	5.180	353	356	364	rVB6	4418	8506	0.17%	0.014%
4	6.208	529	531	542	rVB7	7373	11945	0.24%	0.019%
5	7.072	671	678	679	rBV5	6435	12372	0.25%	0.020%
6	7.184	689	697	715	rBV	784814	1475583	29.73%	2.383%
7	7.331	715	722	735	rVV	740380	1212370	24.43%	1.958%
8	7.425	735	738	744	rVB7	5293	7647	0.15%	0.012%
9	7.548	750	759	773	rBV	835615	1510842	30.44%	2.440%
10	8.006	830	837	846	rBV	615604	1034009	20.83%	1.670%
11	8.547	924	929	933	rVB5	4694	7464	0.15%	0.012%
12	8.723	949	959	985	rBV	1102198	2053924	41.38%	3.317%
13	9.164	1026	1034	1048	rBV	836105	1492371	30.07%	2.410%
14	9.322	1055	1061	1075	rVB4	23217	61009	1.23%	0.099%
15	9.587	1101	1106	1111	rVB3	11540	18023	0.36%	0.029%
16	9.886	1148	1157	1169	rBV	704444	1283580	25.86%	2.073%
17	10.439	1242	1251	1269	rBV	1079485	2028658	40.87%	3.276%
18	10.809	1304	1314	1326	rVB	1021177	1839788	37.07%	2.971%
19	10.938	1328	1336	1358	rBV	1059695	2051004	41.32%	3.312%
20	11.655	1454	1458	1462	rVV7	4665	7371	0.15%	0.012%
21	12.284	1561	1565	1571	rVB5	5229	10532	0.21%	0.017%
22	12.389	1574	1583	1590	rBV4	19926	39724	0.80%	0.064%
23	13.230	1721	1726	1733	rBV5	10272	18416	0.37%	0.030%
24	13.518	1770	1775	1780	rVB6	6820	9566	0.19%	0.015%
25	13.835	1825	1829	1839	rVV8	6521	11838	0.24%	0.019%
26	14.023	1852	1861	1865	rBV	2077310	2990405	60.25%	4.830%
27	14.064	1865	1868	1878	rVV	516441	743430	14.98%	1.201%
28	14.317	1898	1911	1925	rBV	2477786	3974578	80.08%	6.419%
29	14.510	1938	1944	1949	rVB	35004	47999	0.97%	0.078%
30	14.622	1949	1963	1973	rBV2	1523502	2528333	50.94%	4.083%
31	14.834	1991	1999	2025	rBV	565106	1350308	27.21%	2.181%
32	15.122	2043	2048	2056	rVB9	12656	23977	0.48%	0.039%
33	15.192	2056	2060	2065	rVV4	9225	12570	0.25%	0.020%
34	15.404	2091	2096	2100	rBV	33242	50484	1.02%	0.082%

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35	15.451	2100	2104	2110	rVB	84855	111086	2.24%	0.179%
36	15.515	2110	2115	2119	rBV4	6737	12115	0.24%	0.020%
37	15.609	2123	2131	2142	rBV	3051441	4772309	96.15%	7.708%
38	15.727	2144	2151	2164	rBV	911794	1356893	27.34%	2.191%
39	15.850	2166	2172	2178	rBV4	60561	115419	2.33%	0.186%
40	15.897	2178	2180	2185	rVB6	7646	8175	0.16%	0.013%
41	15.950	2185	2189	2194	rVB7	14345	20126	0.41%	0.033%
42	16.003	2194	2198	2206	rVB7	12838	25036	0.50%	0.040%
43	16.073	2206	2210	2215	rBV2	16392	21344	0.43%	0.034%
44	16.179	2219	2228	2235	rBV2	8368	25077	0.51%	0.041%
45	16.308	2242	2250	2261	rBV	104380	210515	4.24%	0.340%
46	16.385	2261	2263	2268	rVV6	11016	17381	0.35%	0.028%
47	16.426	2268	2270	2275	rVB5	5268	7844	0.16%	0.013%
48	16.485	2276	2280	2284	rVB7	7175	12222	0.25%	0.020%
49	16.555	2288	2292	2299	rBV10	6393	14697	0.30%	0.024%
50	16.655	2303	2309	2316	rBV8	15506	37125	0.75%	0.060%
51	16.714	2316	2319	2322	rVB5	10995	12562	0.25%	0.020%
52	16.767	2323	2328	2331	rVB6	14019	20575	0.41%	0.033%
53	16.814	2332	2336	2343	rBV6	12051	22066	0.44%	0.036%
54	16.878	2345	2347	2351	rBV4	7944	8211	0.17%	0.013%
55	17.043	2370	2375	2378	rBV7	5251	7403	0.15%	0.012%
56	17.102	2380	2385	2390	rBV	72509	97414	1.96%	0.157%
57	17.149	2390	2393	2398	rVV4	31301	50056	1.01%	0.081%
58	17.190	2398	2400	2404	rVB5	7912	8276	0.17%	0.013%
59	17.254	2404	2411	2418	rBV7	18211	31908	0.64%	0.052%
60	17.354	2419	2428	2437	rBV	1801907	2698605	54.37%	4.358%
61	17.454	2437	2445	2455	rVB2	3092144	4708708	94.87%	7.605%
62	17.572	2462	2465	2469	rVB6	7558	8318	0.17%	0.013%
63	17.642	2471	2477	2482	rVB9	8567	18099	0.36%	0.029%
64	17.748	2492	2495	2499	rBV6	5261	8796	0.18%	0.014%
65	17.836	2504	2510	2514	rBV	42301	51528	1.04%	0.083%
66	18.001	2535	2538	2542	rVB6	7097	10798	0.22%	0.017%
67	18.118	2551	2558	2561	rBV8	9142	17586	0.35%	0.028%
68	18.236	2572	2578	2588	rBV2	270159	474630	9.56%	0.767%
69	18.523	2623	2627	2633	rBV6	18776	33800	0.68%	0.055%
70	18.653	2647	2649	2654	rVB6	9013	9725	0.20%	0.016%
71	18.899	2687	2691	2694	rVB6	6833	9237	0.19%	0.015%

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72	19.011	2708	2710	2718	rBV8	7188	14855	0.30%	0.024%
73	19.158	2730	2735	2737	rBV5	11501	14184	0.29%	0.023%
74	19.375	2765	2772	2783	rBV	57147	139709	2.81%	0.226%
75	19.499	2788	2793	2807	rBV2	135218	246676	4.97%	0.398%
76	19.622	2810	2814	2823	rVB3	35960	66664	1.34%	0.108%
77	19.734	2824	2833	2843	rBV2	3358327	4963345	100.00%	8.016%
78	20.022	2881	2882	2886	rBV3	7155	10074	0.20%	0.016%
79	20.169	2904	2907	2914	rVB8	17657	22346	0.45%	0.036%
80	20.251	2918	2921	2926	rBV7	13904	21375	0.43%	0.035%
81	20.327	2929	2934	2937	rBV7	14530	22033	0.44%	0.036%
82	20.439	2949	2953	2961	rVB7	13604	28455	0.57%	0.046%
83	20.609	2980	2982	2987	rVB6	11156	11331	0.23%	0.018%
84	20.680	2991	2994	2995	rBV3	11661	11465	0.23%	0.019%
85	20.738	3000	3004	3008	rBV4	26521	42749	0.86%	0.069%
86	21.238	3086	3089	3093	rVB3	30420	35205	0.71%	0.057%
87	21.479	3126	3130	3138	rVB	83234	131861	2.66%	0.213%
88	21.596	3144	3150	3166	rVB	1705369	2797774	56.37%	4.519%
89	21.773	3177	3180	3186	rVB2	36260	52163	1.05%	0.084%
90	22.096	3233	3235	3239	rVB5	19502	19906	0.40%	0.032%
91	22.366	3277	3281	3285	rBV2	54993	77701	1.57%	0.125%
92	23.042	3388	3396	3409	rVB5	77793	200627	4.04%	0.324%
93	23.230	3423	3428	3435	rBV2	58612	109555	2.21%	0.177%
94	23.829	3522	3530	3539	rBV	117102	254314	5.12%	0.411%
95	24.546	3640	3652	3666	rBV2	1774143	4897874	98.68%	7.910%
96	24.757	3676	3688	3711	rVB	1131228	3215464	64.78%	5.193%
97	25.844	3864	3873	3883	rBV3	140169	409629	8.25%	0.662%
98	27.160	4085	4097	4111	rBV4	113246	395345	7.97%	0.639%
99	28.741	4356	4366	4379	rVB4	82113	326126	6.57%	0.527%
100	30.668	4681	4694	4707	rVB9	54303	274113	5.52%	0.443%

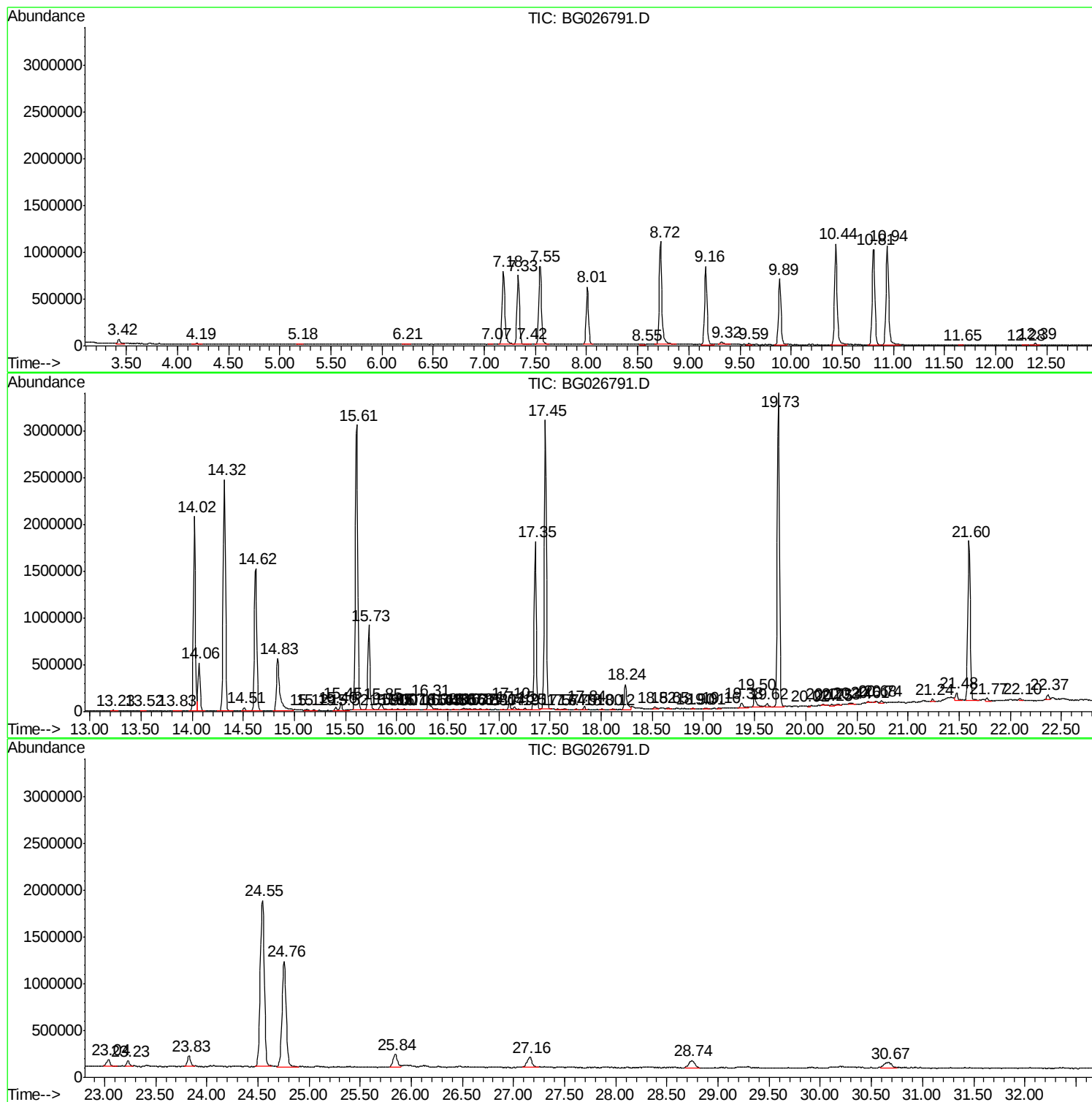
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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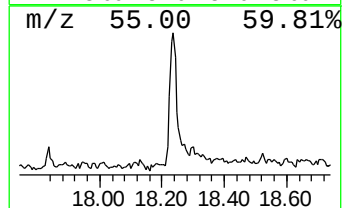
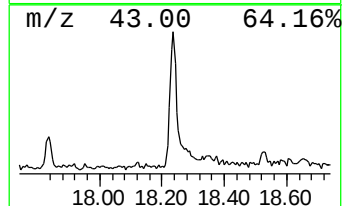
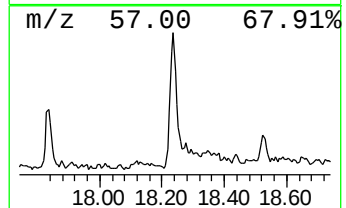
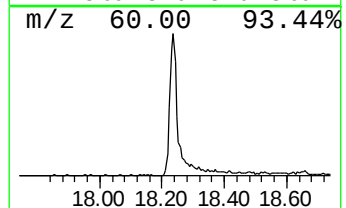
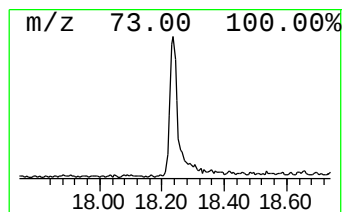
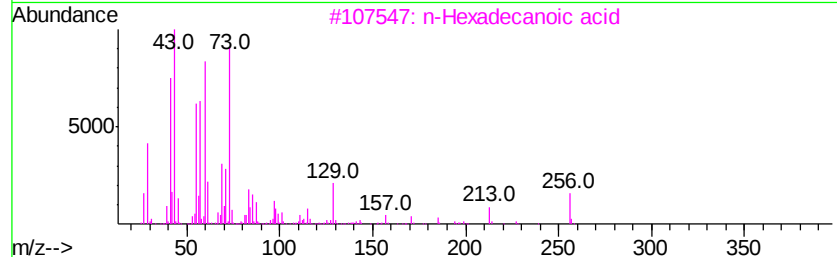
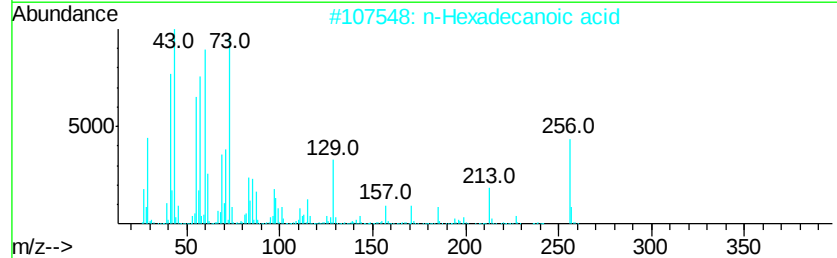
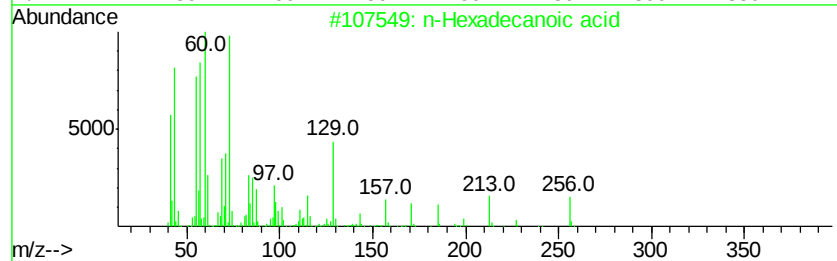
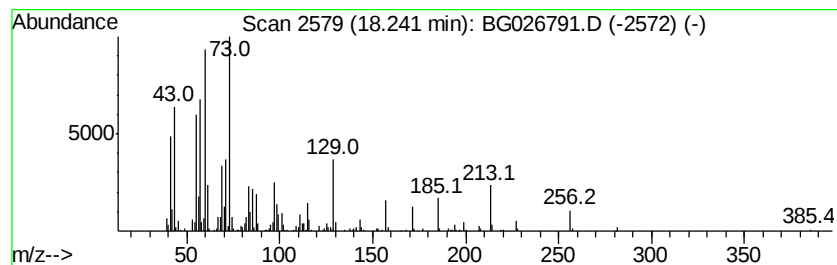
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	3.52 ng/ul	474630	Phenanthrene-d10	17.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	95	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76	



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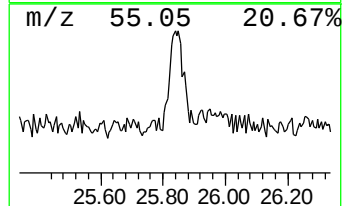
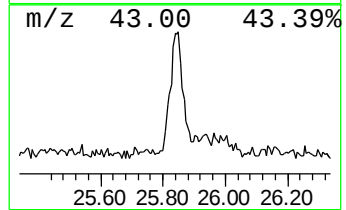
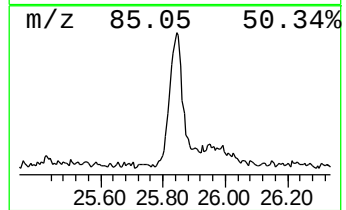
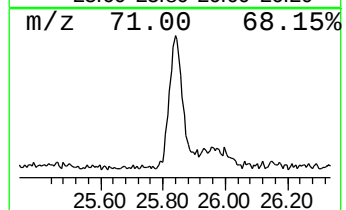
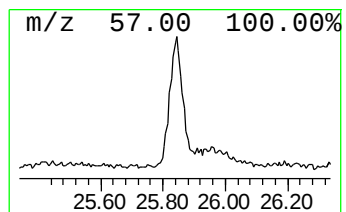
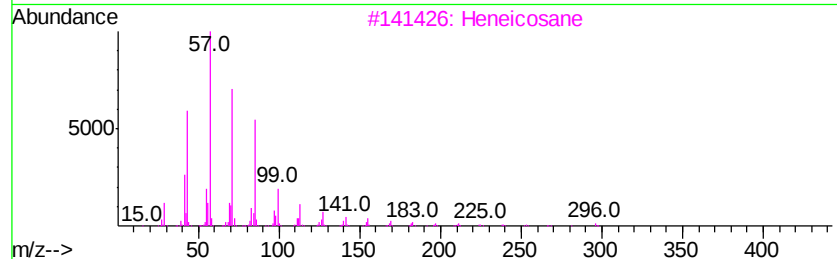
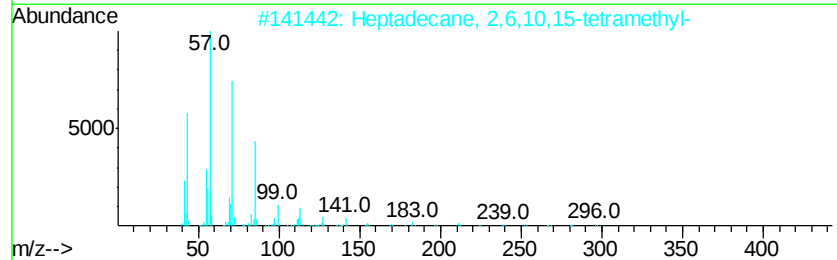
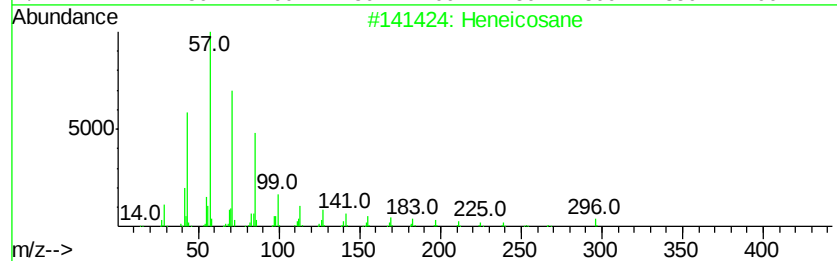
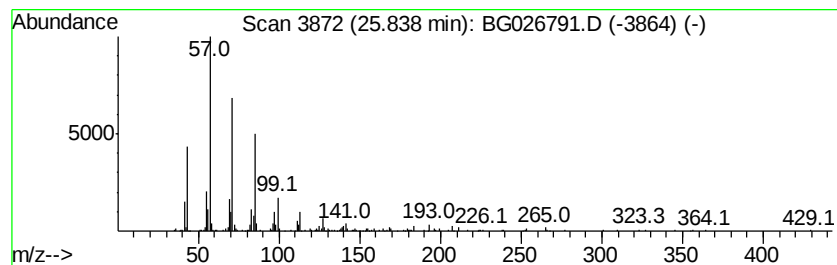
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.55 ng/ul	409629	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3			Heneicosane	296	C21H44	000629-94-7	87
4			Triacontane	422	C30H62	000638-68-6	87
5			Hexacosane	366	C26H54	000630-01-3	87



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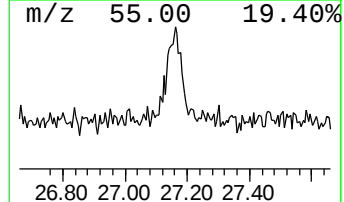
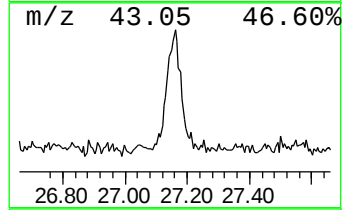
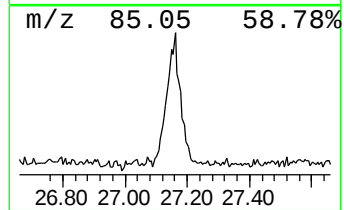
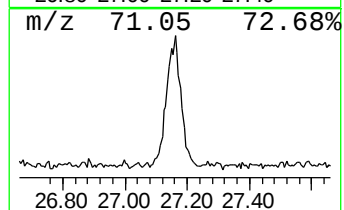
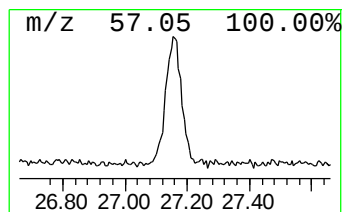
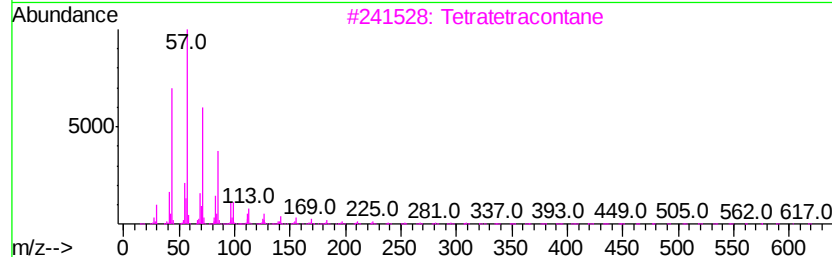
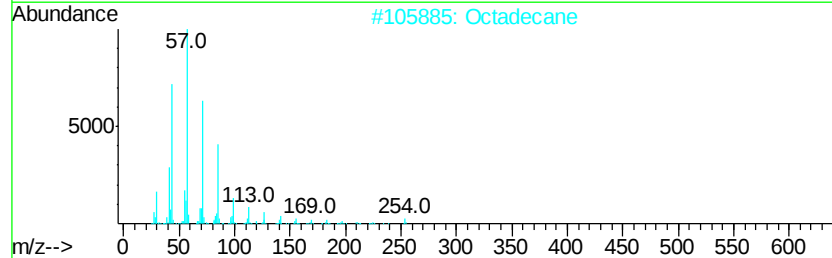
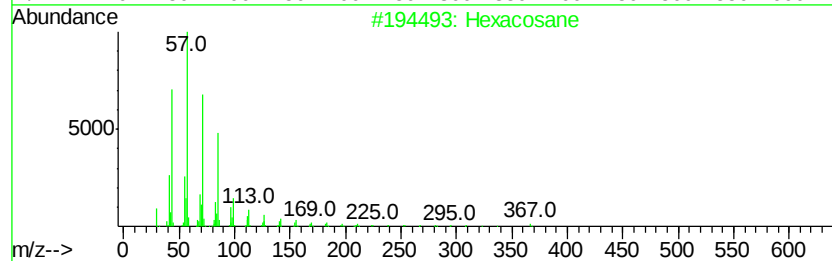
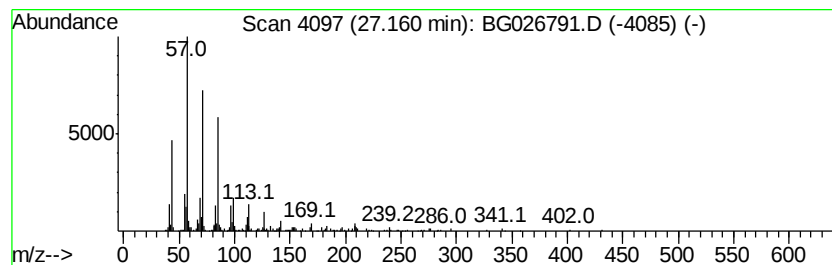
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.46 ng/ul	395345	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	86
2		Octadecane	254	C18H38	000593-45-3	80
3		Tetratetracontane	619	C44H90	007098-22-8	74
4		Hentriacontane	437	C31H64	000630-04-6	74
5		2-methyloctacosane	408	C29H60	1000376-72-8	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
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Acq On : 1 May 2017 2:49
Operator : SJ/MA
Sample : I2846-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR7

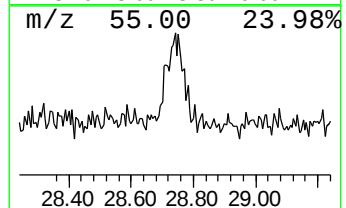
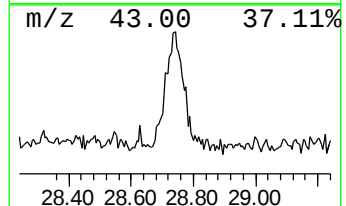
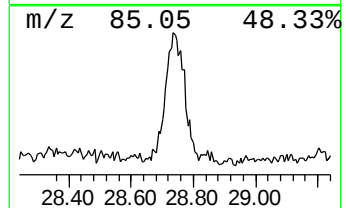
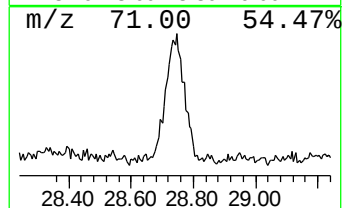
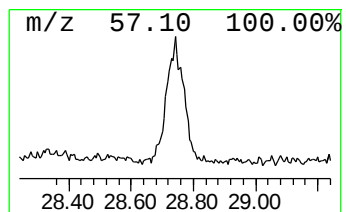
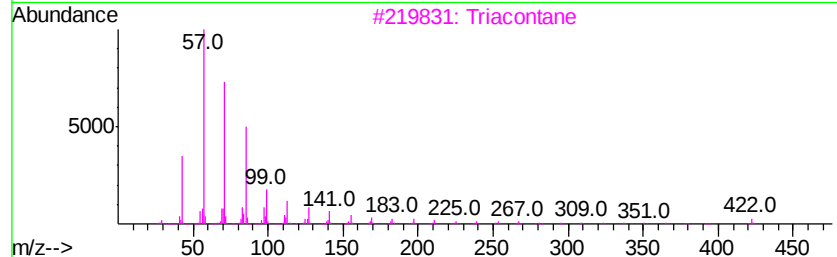
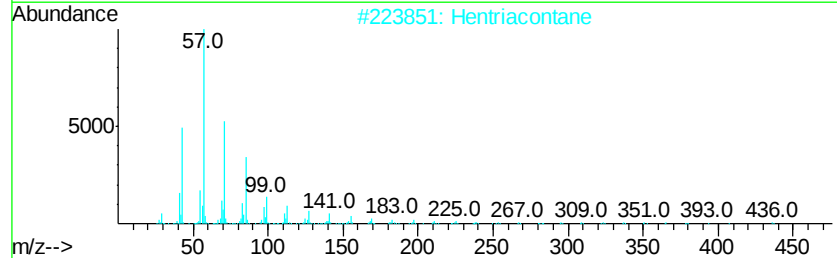
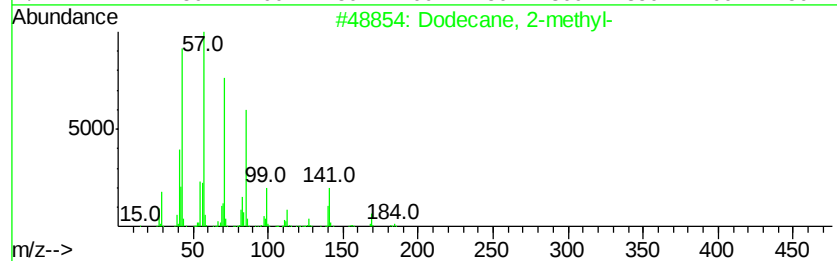
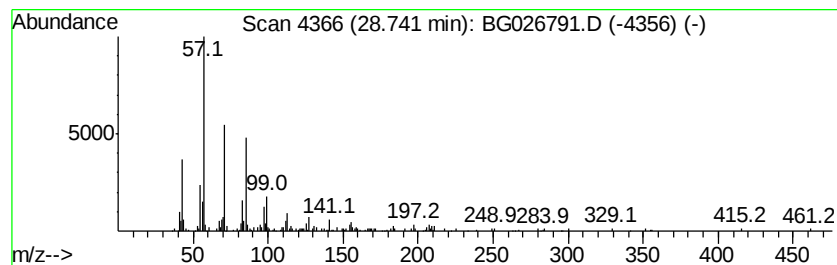
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.03 ng/ul	326126	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Triacontane	422	C30H62	000638-68-6	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Heneicosane	296	C21H44	000629-94-7	86



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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	3.5	ng/ul	474630	4	17.35	2698610	20.0
(DEL) Alkane: Str...	25.84	2.5	ng/ul	409629	6	24.76	3215460	20.0
(DEL) Alkane: Str...	27.16	2.5	ng/ul	395345	6	24.76	3215460	20.0
(DEL) Alkane: Str...	28.74	2.0	ng/ul	326126	6	24.76	3215460	20.0