

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
 Data File : BG026940.D
 Acq On : 10 May 2017 16:17
 Operator : SJ/MA
 Sample : I2960-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC40

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	3.427	55	58	64	rVB3	34828	54181	0.59%	0.090%
2	7.182	688	697	715	rVB	513235	1049972	11.48%	1.735%
3	7.329	715	722	736	rBV	453407	742238	8.12%	1.227%
4	7.540	752	758	770	rBV	532809	952127	10.41%	1.573%
5	7.652	774	777	785	rVB5	17837	26926	0.29%	0.044%
6	8.004	829	837	850	rBV	571355	968156	10.59%	1.600%
7	8.721	952	959	986	rVB	648330	1279086	13.99%	2.114%
8	9.162	1027	1034	1044	rVV	516073	938101	10.26%	1.550%
9	9.579	1099	1105	1111	rBV4	12561	22691	0.25%	0.037%
10	9.885	1150	1157	1172	rBV	429737	782935	8.56%	1.294%
11	10.437	1243	1251	1271	rBV	631863	1253279	13.71%	2.071%
12	10.801	1303	1313	1328	rBV	922850	1682962	18.41%	2.781%
13	10.936	1328	1336	1357	rVB	515186	1003340	10.97%	1.658%
14	12.382	1578	1582	1590	rVB3	13443	24076	0.26%	0.040%
15	12.458	1590	1595	1603	rBV3	14720	23629	0.26%	0.039%
16	12.675	1625	1632	1637	rBV3	11379	19652	0.21%	0.032%
17	13.439	1757	1762	1770	rBV3	21318	34390	0.38%	0.057%
18	13.945	1842	1848	1853	rBV6	12142	26271	0.29%	0.043%
19	14.015	1853	1860	1865	rVV	1204731	1808671	19.78%	2.989%
20	14.062	1865	1868	1877	rVB	499819	708297	7.75%	1.170%
21	14.309	1897	1910	1926	rBV	1495235	2460301	26.91%	4.066%
22	14.503	1937	1943	1949	rBV2	44751	60656	0.66%	0.100%
23	14.620	1951	1963	1970	rBV2	1289504	2137907	23.38%	3.533%
24	14.685	1970	1974	1981	rVB4	26425	46055	0.50%	0.076%
25	14.843	1994	2001	2025	rBV2	246069	708983	7.75%	1.172%
26	15.014	2025	2030	2035	rVB3	18380	33992	0.37%	0.056%
27	15.120	2045	2048	2053	rVB6	11871	18520	0.20%	0.031%
28	15.413	2090	2098	2100	rBV9	11946	22856	0.25%	0.038%
29	15.449	2100	2104	2109	rVB	67721	86156	0.94%	0.142%
30	15.607	2120	2131	2137	rBV	1839170	2775340	30.35%	4.586%
31	15.660	2137	2140	2144	rVB3	27750	40660	0.44%	0.067%
32	15.731	2147	2152	2165	rBV	312171	491866	5.38%	0.813%
33	15.848	2165	2172	2178	rVV4	37141	72859	0.80%	0.120%
34	15.948	2185	2189	2194	rVB5	14806	23017	0.25%	0.038%

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35	16.095	2212	2214	2221	rVB6	10776	21848	0.24%	0.036%
36	16.177	2221	2228	2234	rBV6	8116	19073	0.21%	0.032%
37	16.306	2246	2250	2262	rBV	68785	139677	1.53%	0.231%
38	16.659	2300	2310	2316	rBV	18319	59913	0.66%	0.099%
39	16.759	2323	2327	2333	rVB9	11501	19638	0.21%	0.032%
40	16.888	2344	2349	2352	rBV7	10830	18305	0.20%	0.030%
41	16.929	2352	2356	2362	rVB9	9513	19090	0.21%	0.032%
42	17.012	2366	2370	2377	rBV4	16175	30847	0.34%	0.051%
43	17.094	2379	2384	2388	rBV2	41198	62041	0.68%	0.103%
44	17.176	2389	2398	2405	rVB5	26083	73823	0.81%	0.122%
45	17.252	2405	2411	2418	rBV5	13180	28546	0.31%	0.047%
46	17.352	2421	2428	2432	rBV	1423173	2143565	23.44%	3.542%
47	17.393	2432	2435	2440	rVV	431282	630962	6.90%	1.043%
48	17.452	2440	2445	2456	rVB	1834737	2824786	30.89%	4.668%
49	17.552	2458	2462	2471	rVB9	14710	31330	0.34%	0.052%
50	17.758	2489	2497	2506	rBV2	45010	90376	0.99%	0.149%
51	17.834	2506	2510	2512	rBV3	15359	21388	0.23%	0.035%
52	17.928	2523	2526	2533	rBV9	12717	22761	0.25%	0.038%
53	18.175	2562	2568	2572	rBV6	42794	76659	0.84%	0.127%
54	18.234	2572	2578	2582	rVV3	228531	356872	3.90%	0.590%
55	18.275	2582	2585	2595	rVB2	88682	139464	1.53%	0.230%
56	18.351	2595	2598	2604	rVB4	19330	31533	0.34%	0.052%
57	18.422	2604	2610	2614	rBV3	90941	157829	1.73%	0.261%
58	18.522	2623	2627	2633	rBV8	19198	30881	0.34%	0.051%
59	18.574	2633	2636	2641	rVV7	11162	18826	0.21%	0.031%
60	18.651	2647	2649	2654	rVB6	17467	22656	0.25%	0.037%
61	18.715	2655	2660	2665	rVV	48788	80581	0.88%	0.133%
62	18.768	2665	2669	2676	rVB2	58813	87088	0.95%	0.144%
63	18.962	2699	2702	2708	rBV7	20012	31824	0.35%	0.053%
64	19.015	2708	2711	2714	rVV5	18091	21354	0.23%	0.035%
65	19.138	2727	2732	2737	rBV4	40133	74191	0.81%	0.123%
66	19.279	2752	2756	2762	rBV4	34987	66999	0.73%	0.111%
67	19.397	2767	2776	2783	rBV	1156184	1642177	17.96%	2.714%
68	19.497	2789	2793	2798	rBV6	66640	106722	1.17%	0.176%
69	19.632	2812	2816	2825	rVB5	47857	105642	1.16%	0.175%
70	19.732	2827	2833	2846	rBV2	2107555	4345706	47.53%	7.181%
71	19.832	2846	2850	2855	rVB3	48185	72097	0.79%	0.119%

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72	19.938	2864	2868	2873	rVB	43749	59678	0.65%	0.099%
73	20.002	2875	2879	2885	rBV	33374	61759	0.68%	0.102%
74	20.067	2885	2890	2892	rBV3	81696	133064	1.46%	0.220%
75	20.249	2917	2921	2926	rVB	143514	194881	2.13%	0.322%
76	20.349	2934	2938	2942	rBV	85453	101126	1.11%	0.167%
77	20.408	2943	2948	2952	rVB3	56512	91486	1.00%	0.151%
78	20.549	2968	2972	2975	rBV	38977	56201	0.61%	0.093%
79	21.007	3046	3050	3057	rVB	81902	139104	1.52%	0.230%
80	21.189	3076	3081	3084	rBV2	76756	119666	1.31%	0.198%
81	21.230	3084	3088	3092	rVB2	109548	146597	1.60%	0.242%
82	21.277	3092	3096	3101	rBV3	72131	117448	1.28%	0.194%
83	21.336	3102	3106	3111	rVB3	60934	107669	1.18%	0.178%
84	21.477	3124	3130	3137	rVB	6880743	9143866	100.00%	15.110%
85	21.594	3142	3150	3155	rBV2	1462999	2959438	32.37%	4.890%
86	21.641	3155	3158	3164	rVB	408575	612786	6.70%	1.013%
87	21.753	3172	3177	3181	rBV8	60817	131917	1.44%	0.218%
88	22.000	3215	3219	3226	rVB5	54411	102641	1.12%	0.170%
89	22.587	3315	3319	3324	rBV8	72392	121820	1.33%	0.201%
90	23.762	3510	3519	3525	rBV	375235	1226557	13.41%	2.027%
91	23.821	3526	3529	3537	rVB3	267574	489716	5.36%	0.809%
92	24.009	3557	3561	3571	rBV	62141	174534	1.91%	0.288%
93	24.468	3632	3639	3644	rBV2	203505	544804	5.96%	0.900%
94	24.544	3644	3652	3660	rVV2	978108	2833561	30.99%	4.682%
95	24.614	3660	3664	3675	rVB2	341189	808779	8.85%	1.336%
96	24.761	3679	3689	3699	rBV2	797134	2374509	25.97%	3.924%
97	25.836	3866	3872	3885	rVB3	119425	312489	3.42%	0.516%
98	27.153	4088	4096	4108	rVB3	91657	296302	3.24%	0.490%
99	28.375	4293	4304	4324	rVB5	117024	585409	6.40%	0.967%
100	29.497	4484	4495	4510	rBV3	78325	361073	3.95%	0.597%

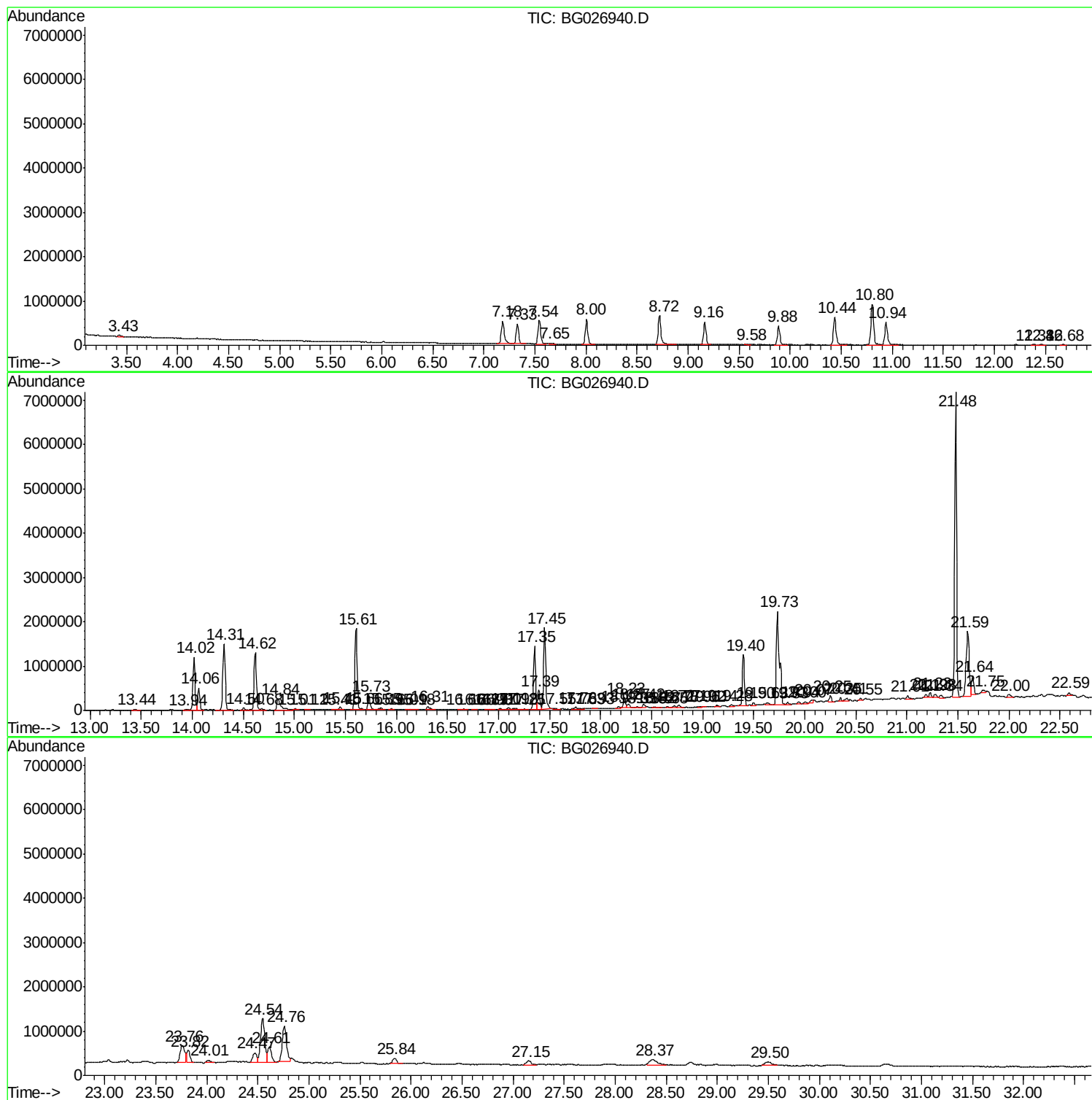
Sum of corrected areas: 60516098

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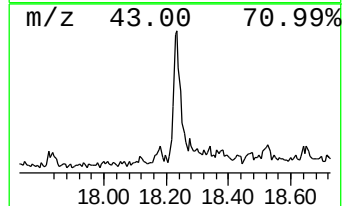
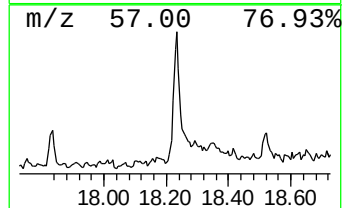
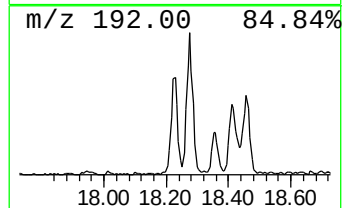
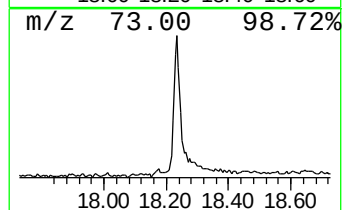
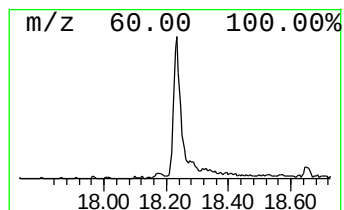
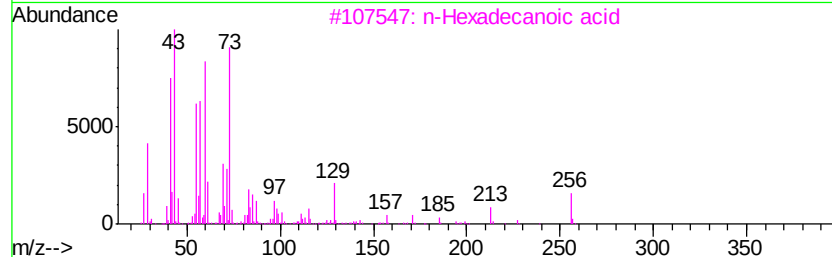
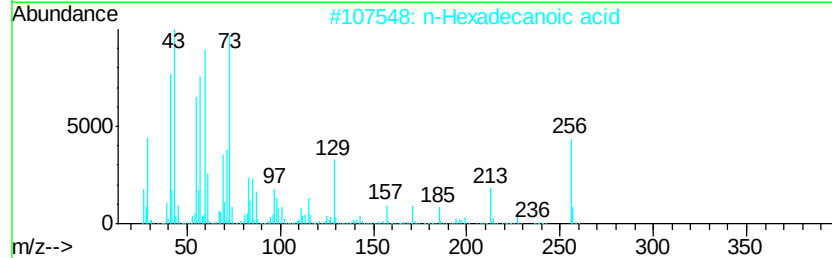
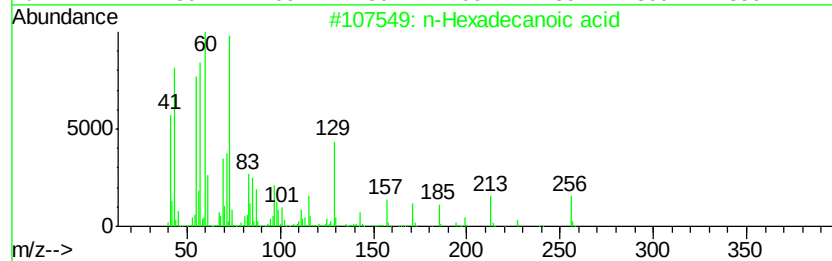
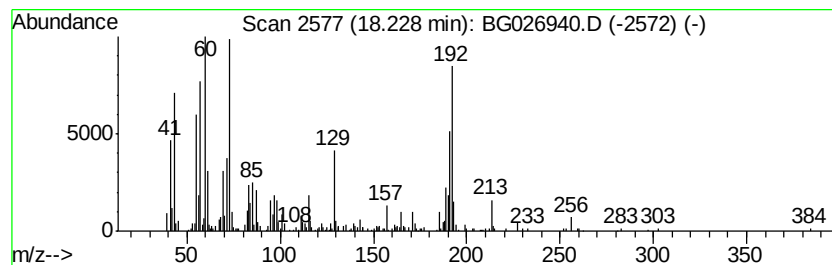
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.33 ng/ul	356872	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	60



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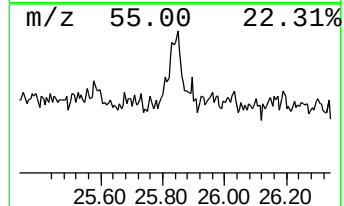
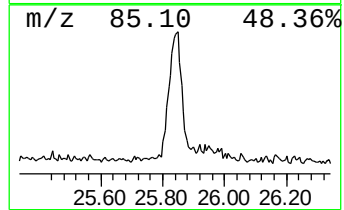
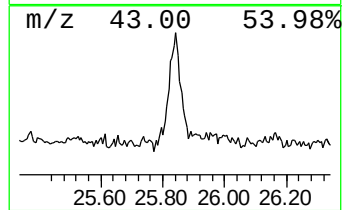
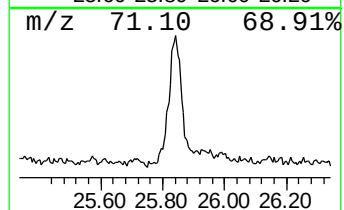
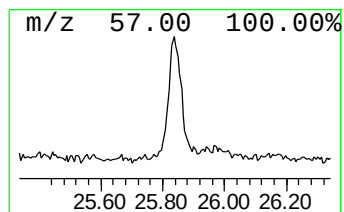
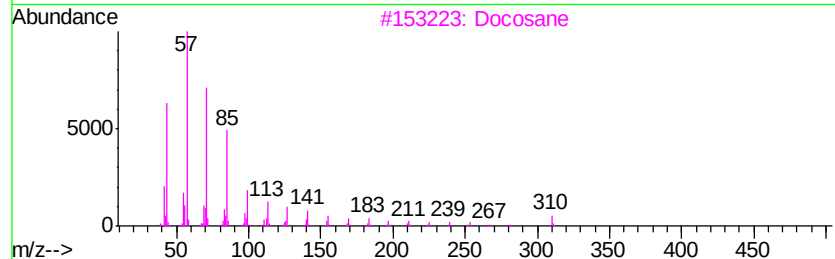
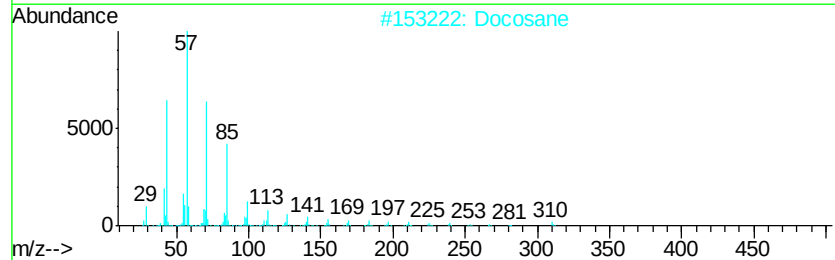
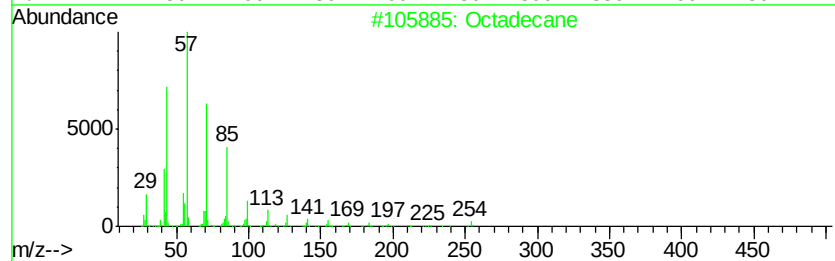
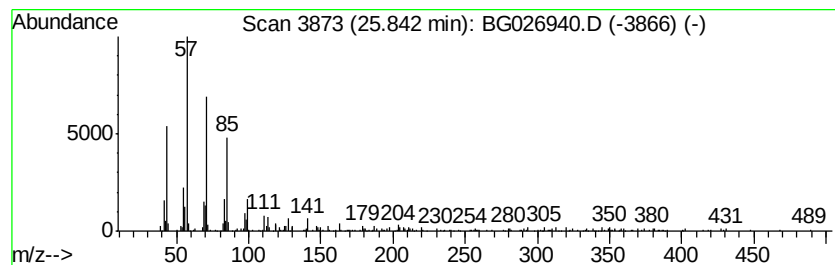
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.63 ng/ul	312489	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Docosane	310	C22H46	000629-97-0	93
3		Docosane	310	C22H46	000629-97-0	93
4		Octadecane	254	C18H38	000593-45-3	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	87



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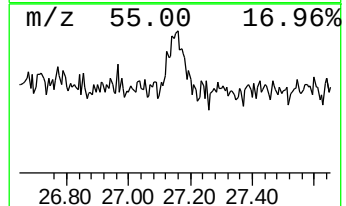
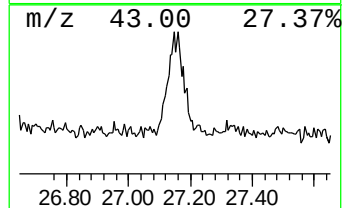
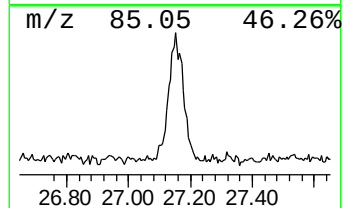
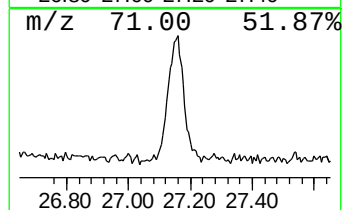
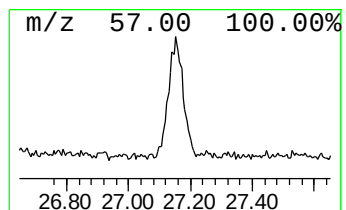
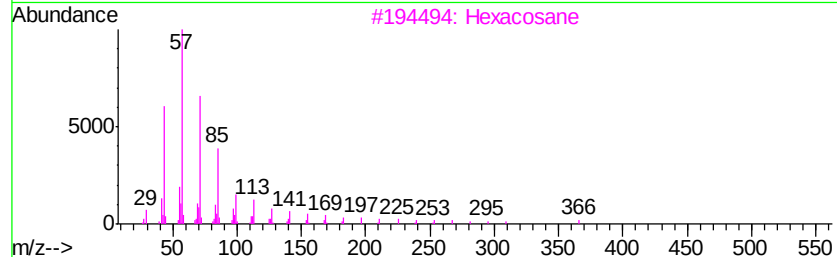
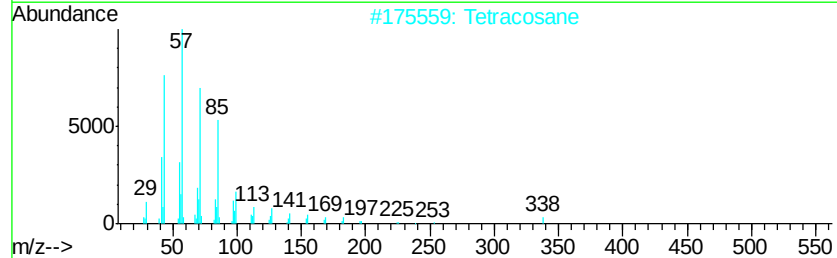
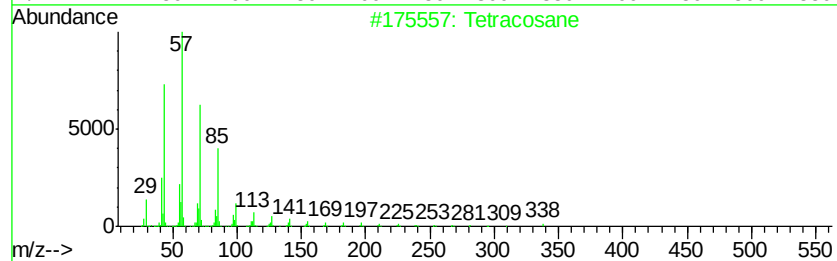
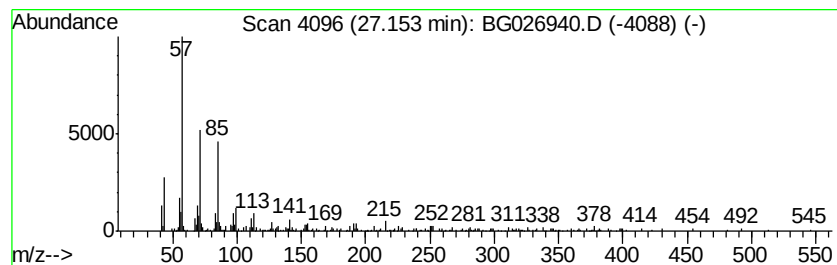
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.50 ng/ul	296302	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	96
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
5		1-Iodoundecane	282	C11H23I	004282-44-4	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026940.D
Acq On : 10 May 2017 16:17
Operator : SJ/MA
Sample : I2960-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC40

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	18.23	3.3	ng/ul	356872	4	17.35	2143570	20.0
(DEL) Alkane: Str...	25.84	2.6	ng/ul	312489	6	24.76	2374510	20.0
(DEL) Alkane: Str...	27.15	2.5	ng/ul	296302	6	24.76	2374510	20.0