

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026849.D
 Acq On : 3 May 2017 13:30
 Operator : SJ/MA
 Sample : I2871-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB16

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	3.428	53	58	63	rVB	20698	32425	1.22%	0.091%
2	4.850	298	300	308	rBV5	2797	5175	0.19%	0.014%
3	5.103	337	343	355	rVV5	8185	19580	0.74%	0.055%
4	6.090	506	511	521	rBV6	7436	20705	0.78%	0.058%
5	6.742	618	622	628	rBV6	3113	5522	0.21%	0.015%
6	7.189	688	698	714	rBV	349479	705315	26.56%	1.969%
7	7.330	714	722	733	rVB	345566	554950	20.90%	1.549%
8	7.547	750	759	775	rBV	403368	721443	27.17%	2.014%
9	7.647	775	776	783	rVB6	3400	5187	0.20%	0.014%
10	8.005	829	837	848	rBV	547862	945534	35.61%	2.639%
11	8.323	886	891	897	rBV7	3338	7541	0.28%	0.021%
12	8.722	951	959	989	rBV	487987	996541	37.53%	2.782%
13	9.163	1026	1034	1056	rBV	387033	709392	26.72%	1.980%
14	9.327	1056	1062	1070	rBV9	8013	22901	0.86%	0.064%
15	9.580	1101	1105	1110	rBV3	5594	9998	0.38%	0.028%
16	9.891	1148	1158	1170	rBV	313731	580170	21.85%	1.619%
17	10.068	1187	1188	1197	rVB6	2923	5717	0.22%	0.016%
18	10.438	1243	1251	1285	rVV	463676	980906	36.94%	2.738%
19	10.808	1299	1314	1327	rBV	923061	1670879	62.93%	4.664%
20	10.943	1328	1337	1359	rVV	498592	993758	37.43%	2.774%
21	12.283	1558	1565	1571	rBV4	7105	14600	0.55%	0.041%
22	12.400	1578	1585	1593	rBV4	9366	20227	0.76%	0.056%
23	13.229	1723	1726	1732	rVB3	6461	8665	0.33%	0.024%
24	13.517	1766	1775	1785	rVV3	30177	60378	2.27%	0.169%
25	13.587	1785	1787	1795	rVB6	4813	6757	0.25%	0.019%
26	14.022	1848	1861	1865	rBV	946367	1440168	54.24%	4.020%
27	14.063	1865	1868	1878	rVB	442832	635077	23.92%	1.773%
28	14.222	1888	1895	1898	rVB6	2371	5103	0.19%	0.014%
29	14.316	1901	1911	1921	rBV	1164697	1836026	69.15%	5.125%
30	14.504	1938	1943	1949	rBV	17317	24113	0.91%	0.067%
31	14.621	1952	1963	1974	rBV2	1358464	2183553	82.23%	6.095%
32	14.844	1993	2001	2025	rBV2	150242	479301	18.05%	1.338%
33	15.062	2032	2038	2042	rVB9	6250	15580	0.59%	0.043%
34	15.121	2042	2048	2054	rVB8	8701	18560	0.70%	0.052%

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Integration Parameters: LSCINT.P

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35	15.191	2056	2060	2063	rVB4	4544	5016	0.19%	0.014%
36	15.256	2066	2071	2075	rBV6	2497	5149	0.19%	0.014%
37	15.403	2090	2096	2101	rBV4	14434	22677	0.85%	0.063%
38	15.456	2101	2105	2111	rVB	40283	51290	1.93%	0.143%
39	15.514	2111	2115	2119	rBV7	4670	6847	0.26%	0.019%
40	15.608	2124	2131	2142	rBV	1451561	2194798	82.66%	6.127%
41	15.732	2146	2152	2166	rVV	260293	423574	15.95%	1.182%
42	15.849	2166	2172	2179	rVV4	29811	66748	2.51%	0.186%
43	15.949	2187	2189	2195	rVB6	7245	11592	0.44%	0.032%
44	16.008	2195	2199	2205	rBV7	6423	11571	0.44%	0.032%
45	16.067	2206	2209	2216	rVB7	8108	12185	0.46%	0.034%
46	16.190	2227	2230	2234	rVB6	5299	5084	0.19%	0.014%
47	16.307	2238	2250	2261	rBV	47846	101615	3.83%	0.284%
48	16.443	2268	2273	2276	rVB7	3889	5696	0.21%	0.016%
49	16.490	2276	2281	2286	rBV7	3958	6158	0.23%	0.017%
50	16.554	2289	2292	2302	rVB9	7191	12542	0.47%	0.035%
51	16.660	2302	2310	2315	rBV8	8385	22558	0.85%	0.063%
52	16.766	2323	2328	2333	rBV9	7754	13195	0.50%	0.037%
53	16.825	2333	2338	2344	rVB7	6675	9921	0.37%	0.028%
54	16.883	2344	2348	2351	rVB6	5896	6603	0.25%	0.018%
55	16.977	2361	2364	2367	rVB5	3855	4978	0.19%	0.014%
56	17.018	2367	2371	2374	rBV4	3484	5845	0.22%	0.016%
57	17.101	2377	2385	2389	rBV2	32691	48681	1.83%	0.136%
58	17.148	2389	2393	2403	rVB6	17033	34100	1.28%	0.095%
59	17.253	2408	2411	2415	rVB6	6968	10478	0.39%	0.029%
60	17.353	2419	2428	2438	rBV2	1423652	2212240	83.31%	6.175%
61	17.453	2438	2445	2454	rVV2	1413245	2144631	80.77%	5.987%
62	17.512	2454	2455	2462	rVV5	8524	14326	0.54%	0.040%
63	17.565	2462	2464	2470	rVB7	4181	6769	0.25%	0.019%
64	17.635	2470	2476	2483	rBV10	6992	15668	0.59%	0.044%
65	17.765	2493	2498	2500	rBV5	4513	7980	0.30%	0.022%
66	17.835	2500	2510	2513	rBV3	54616	116597	4.39%	0.325%
67	18.117	2550	2558	2561	rBV8	7905	16222	0.61%	0.045%
68	18.235	2572	2578	2588	rBV2	151096	274500	10.34%	0.766%
69	18.434	2610	2612	2615	rBV4	5391	5611	0.21%	0.016%
70	18.464	2615	2617	2621	rBV5	6923	7108	0.27%	0.020%
71	18.528	2623	2628	2630	rBV3	16817	18606	0.70%	0.052%

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72	18.587	2636	2638	2645	rBV8	6558	7684	0.29%	0.021%
73	18.652	2645	2649	2654	rVB7	12970	12882	0.49%	0.036%
74	18.899	2689	2691	2698	rVB7	4439	8095	0.30%	0.023%
75	19.216	2729	2745	2747	rBV5	74971	245336	9.24%	0.685%
76	19.369	2768	2771	2788	rVB6	28497	81036	3.05%	0.226%
77	19.504	2788	2794	2801	rBV2	66997	129253	4.87%	0.361%
78	19.627	2811	2815	2823	rVB5	16373	36290	1.37%	0.101%
79	19.733	2826	2833	2842	rBV	1527160	2217090	83.50%	6.189%
80	20.127	2897	2900	2903	rBV5	7442	9393	0.35%	0.026%
81	20.256	2917	2922	2927	rVB7	21191	27727	1.04%	0.077%
82	20.320	2927	2933	2938	rBV10	10371	28415	1.07%	0.079%
83	20.391	2941	2945	2947	rBV5	19959	23791	0.90%	0.066%
84	20.585	2971	2978	2981	rBV3	47562	82621	3.11%	0.231%
85	20.696	2993	2997	3001	rBV5	24291	33882	1.28%	0.095%
86	20.738	3002	3004	3008	rVB4	17523	22535	0.85%	0.063%
87	21.243	3087	3090	3096	rVB7	20755	31635	1.19%	0.088%
88	21.478	3127	3130	3137	rVB2	60426	84211	3.17%	0.235%
89	21.601	3143	3151	3164	rBV	1396245	2312891	87.10%	6.456%
90	21.778	3178	3181	3185	rVB5	20007	22347	0.84%	0.062%
91	22.371	3278	3282	3287	rBV7	27743	37089	1.40%	0.104%
92	23.041	3392	3396	3405	rVB	59958	105631	3.98%	0.295%
93	23.229	3423	3428	3438	rVB3	86842	162978	6.14%	0.455%
94	23.822	3524	3529	3543	rVB2	85895	201821	7.60%	0.563%
95	24.551	3642	3653	3665	rBV2	764659	2111979	79.54%	5.895%
96	24.762	3678	3689	3709	rVB2	913139	2655316	100.00%	7.412%
97	25.855	3865	3875	3882	rBV2	107929	318981	12.01%	0.890%
98	27.165	4087	4098	4110	rBV3	117022	405651	15.28%	1.132%
99	28.734	4357	4365	4384	rVB4	84110	370390	13.95%	1.034%
100	30.679	4685	4696	4712	rVB5	71088	356339	13.42%	0.995%

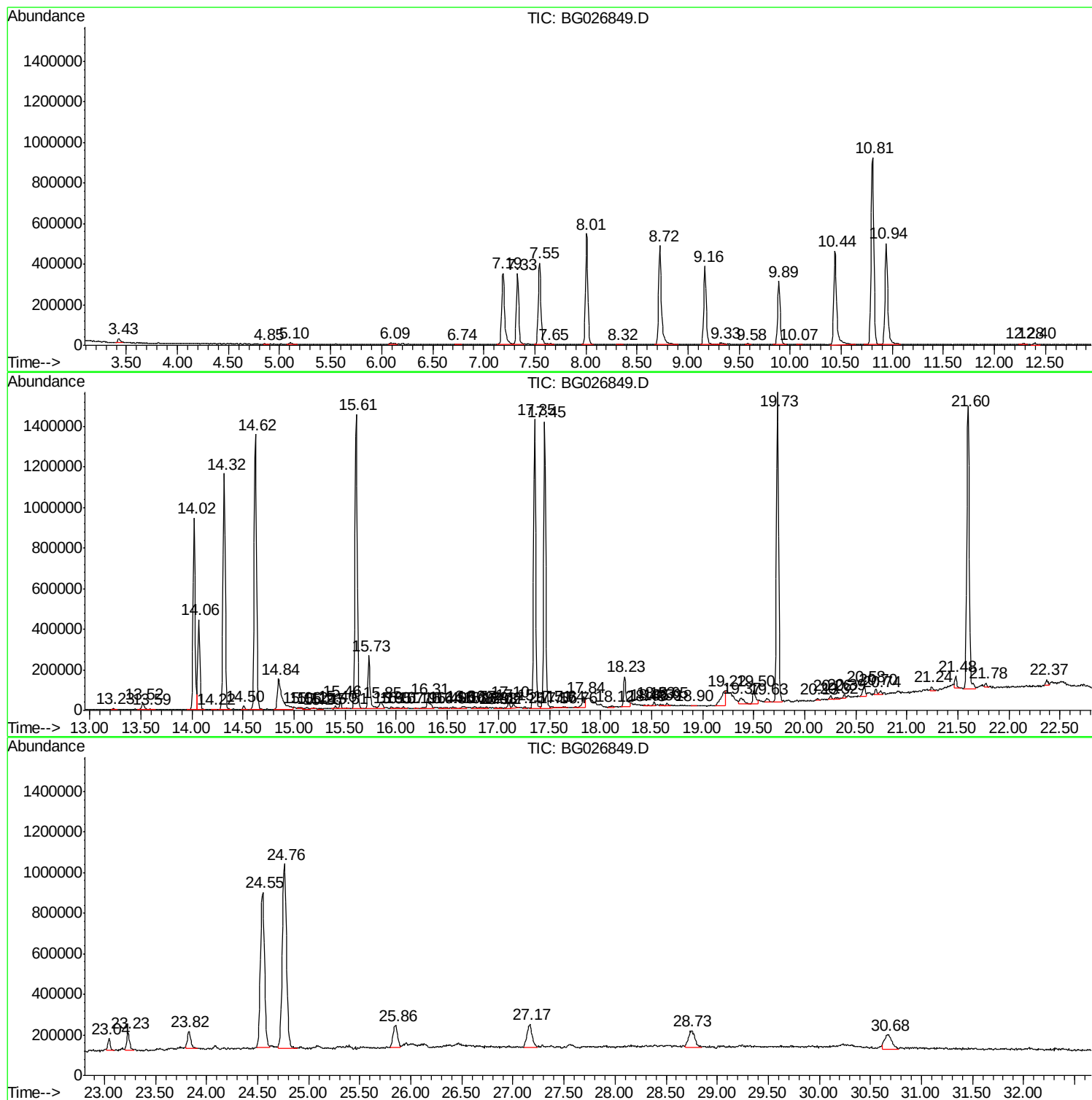
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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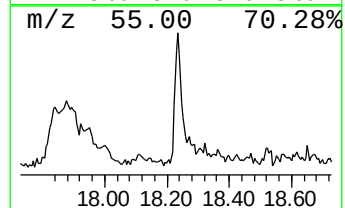
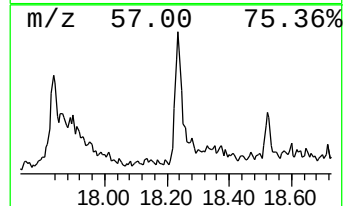
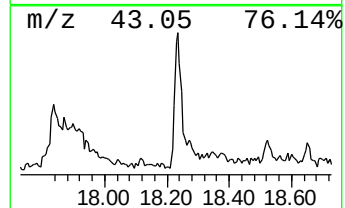
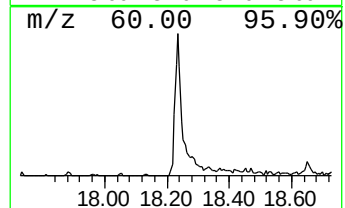
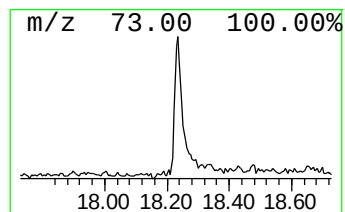
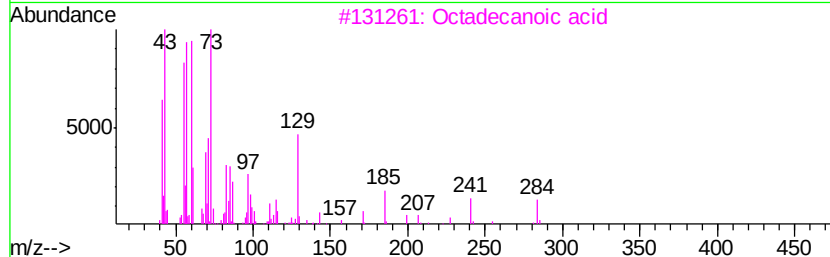
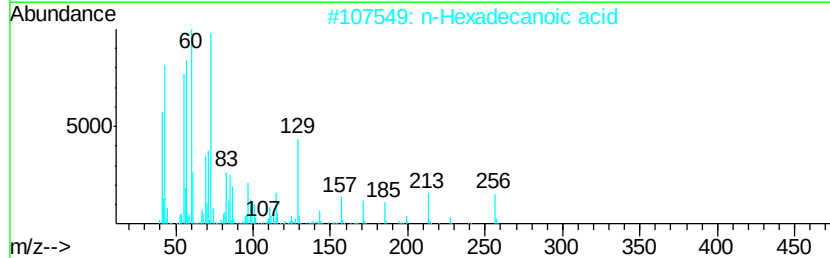
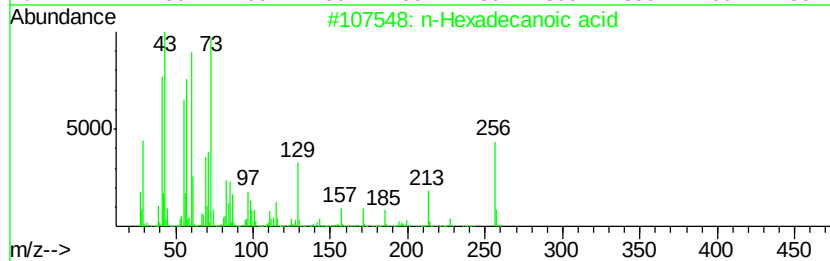
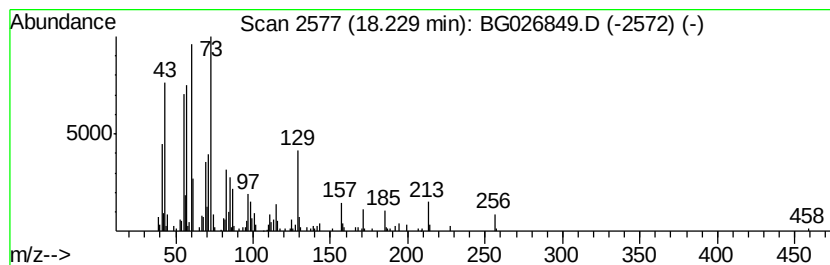
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.23	2.48 ng/ul	274500	Phenanthrene-d10	17.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



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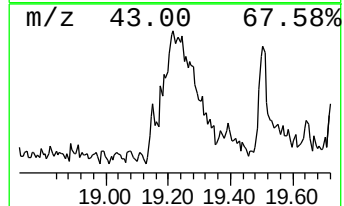
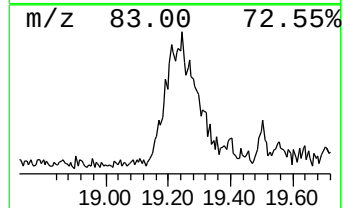
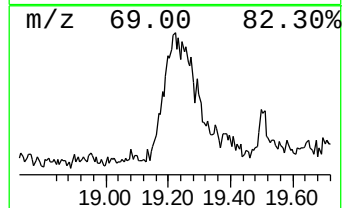
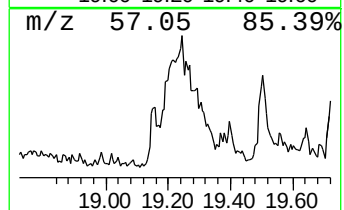
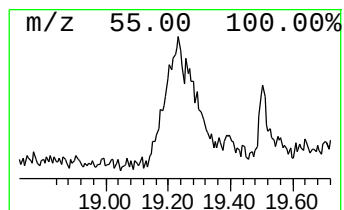
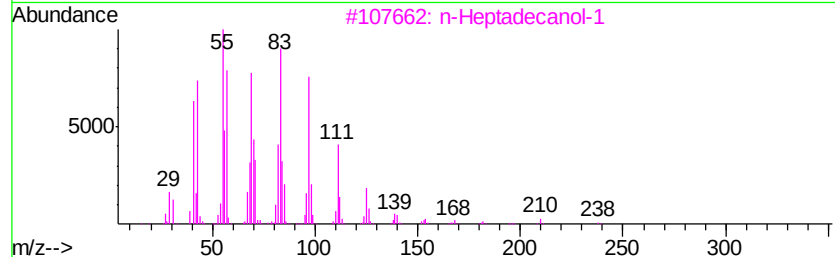
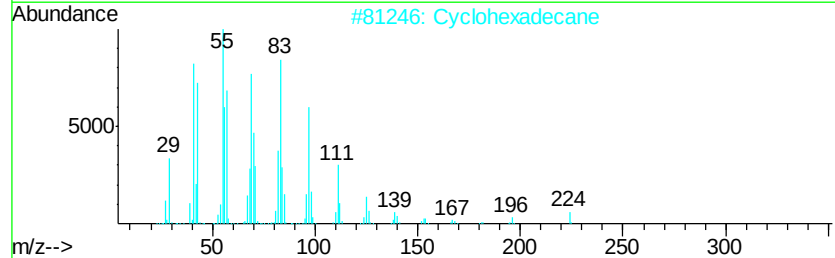
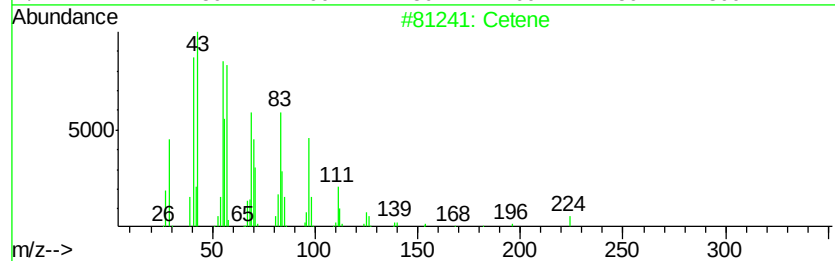
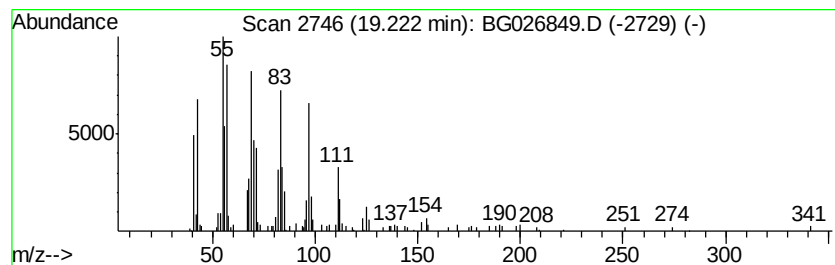
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic19.22 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.22 ng/ul	245336	Phenanthrene-d10	17.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cetene	224 C16H32	000629-73-2 98
2		Cyclohexadecane	224 C16H32	000295-65-8 96
3		n-Heptadecanol-1	256 C17H36O	001454-85-9 94
4		Trifluoroacetic acid,n-tridecyl ...	296 C15H27F3O2	053800-02-5 94
5		Cetene	224 C16H32	000629-73-2 93



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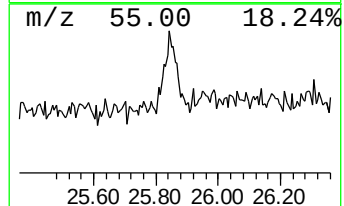
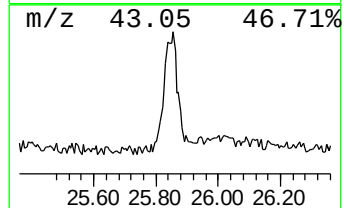
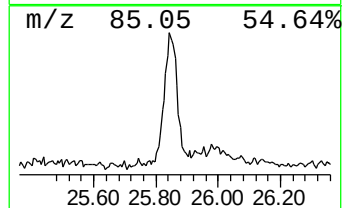
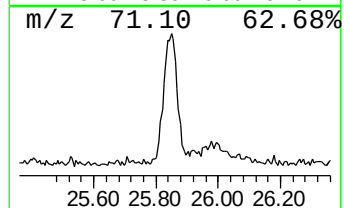
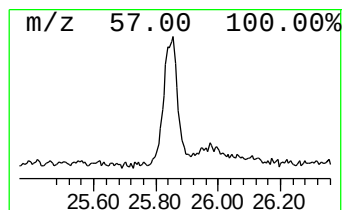
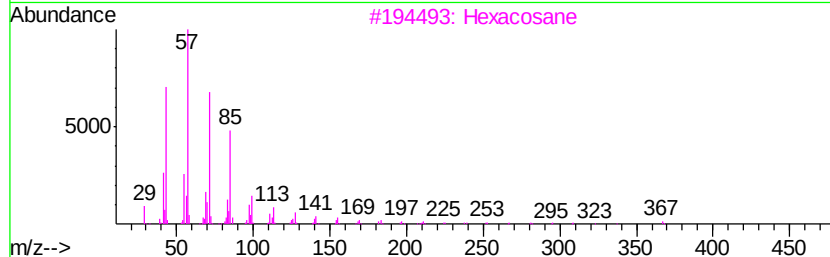
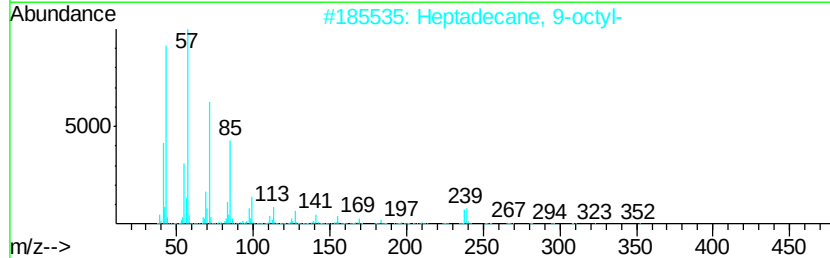
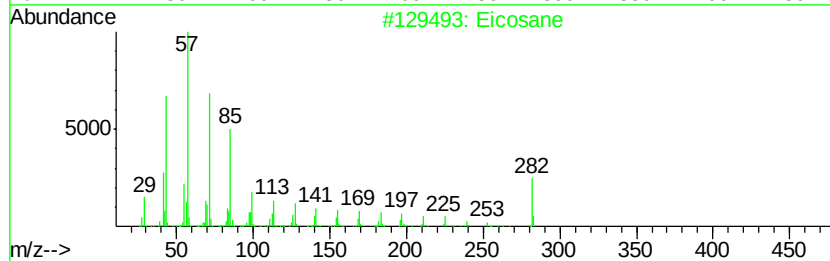
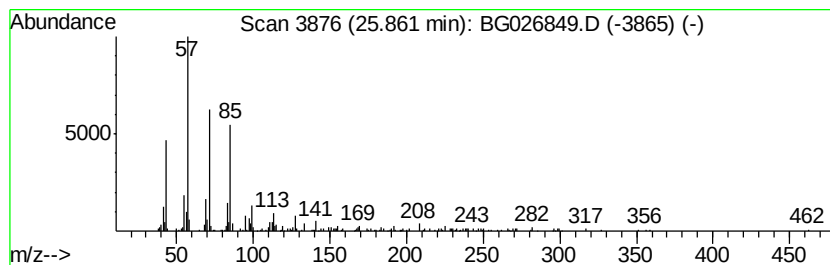
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.86	2.40 ng/ul	318981	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3		Hexacosane	366	C26H54	000630-01-3	83
4		Tricosane	324	C23H48	000638-67-5	83
5		Hexacosane	366	C26H54	000630-01-3	83



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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB16

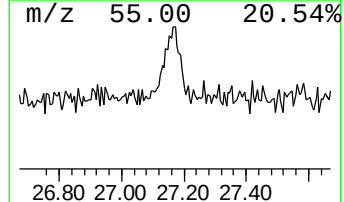
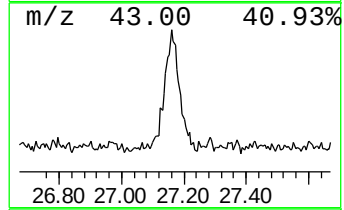
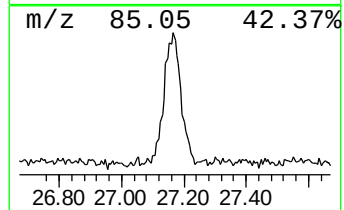
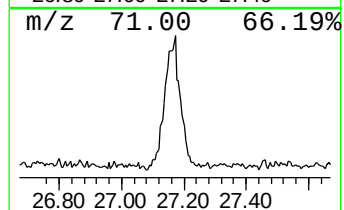
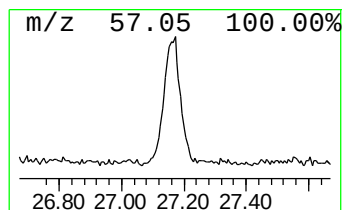
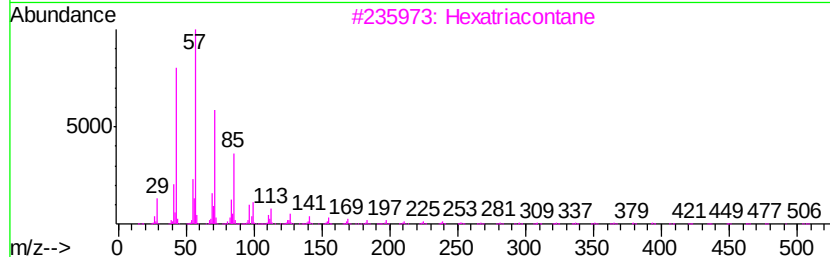
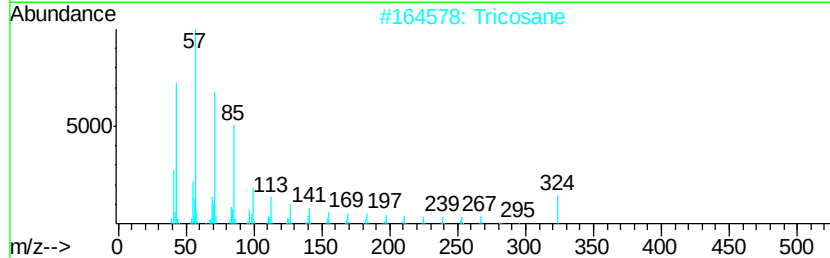
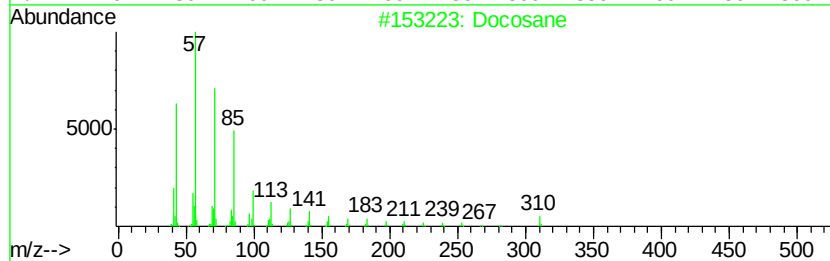
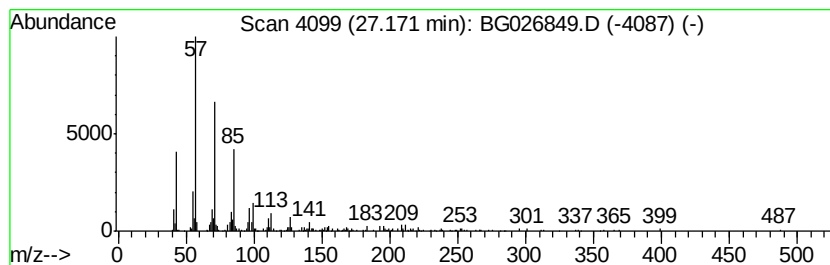
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	3.06 ng/ul	405651	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	93
2		Tricosane	324	C23H48	000638-67-5	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Docosane	310	C22H46	000629-97-0	90
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026849.D
Acq On : 3 May 2017 13:30
Operator : SJ/MA
Sample : I2871-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB16

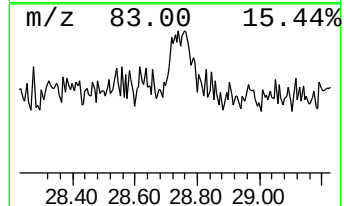
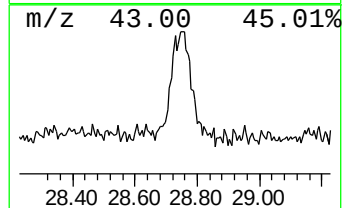
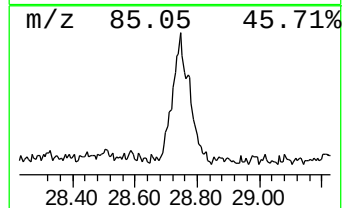
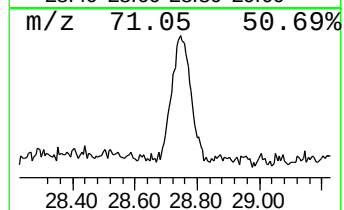
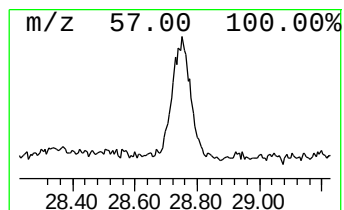
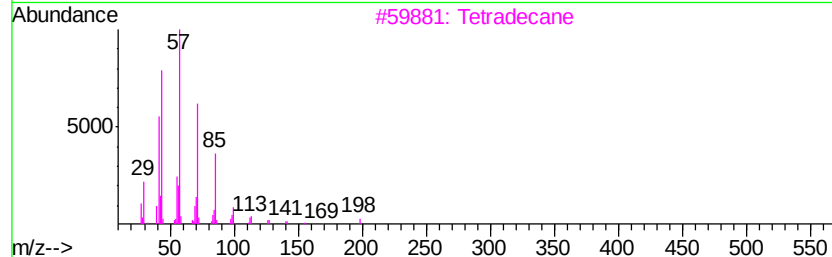
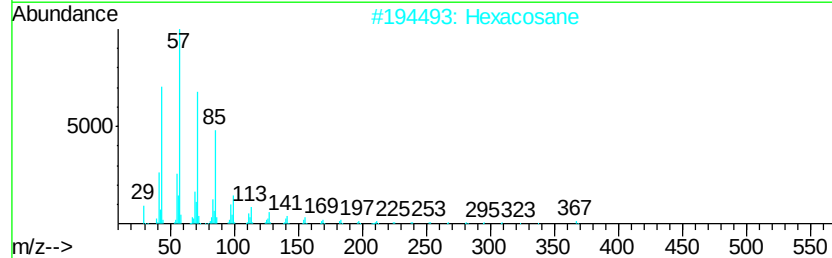
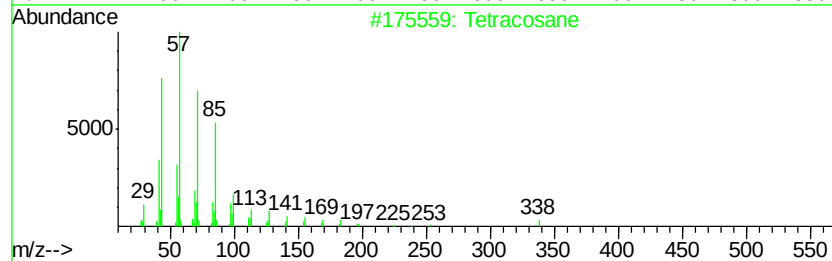
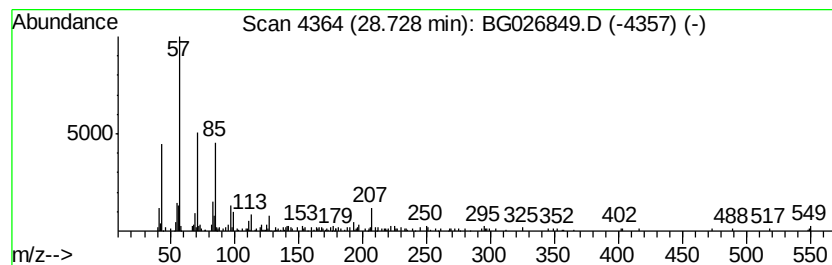
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.73	2.79 ng/ul	370390	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	62
2		Hexacosane	366	C26H54	000630-01-3	62
3		Tetradecane	198	C14H30	000629-59-4	60
4		Hexadecane	226	C16H34	000544-76-3	60
5		Heptadecane	240	C17H36	000629-78-7	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026849.D
Acq On : 3 May 2017 13:30
Operator : SJ/MA
Sample : I2871-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB16

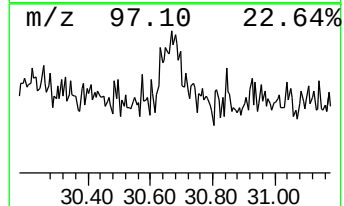
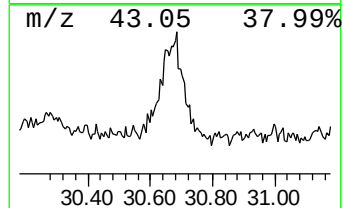
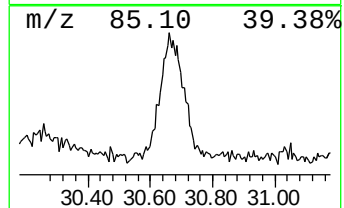
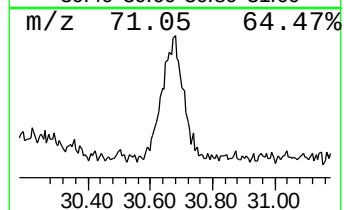
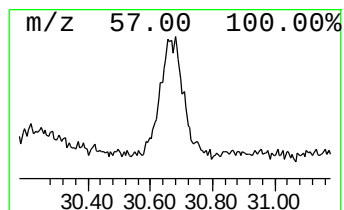
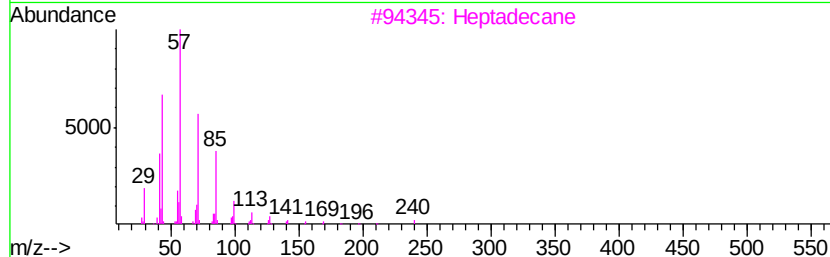
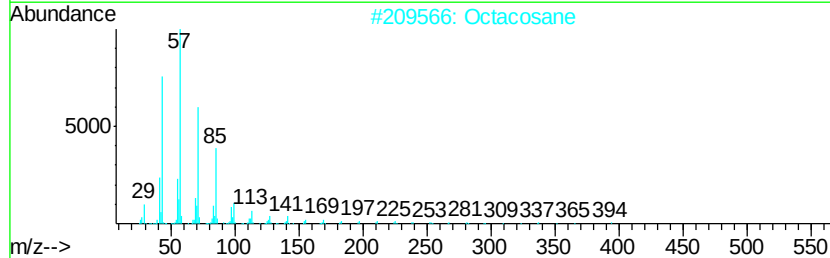
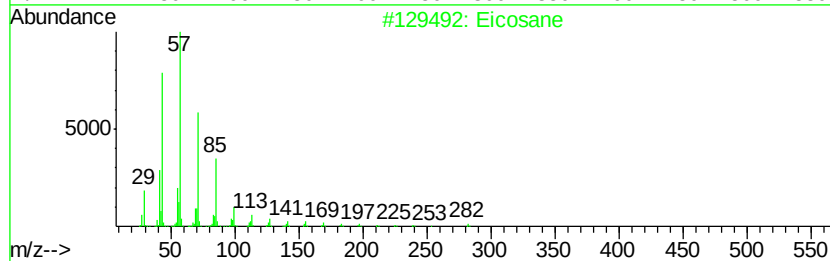
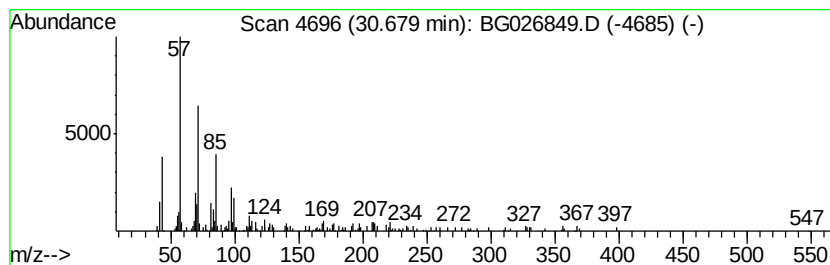
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.68	2.68 ng/ul	356339	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	70
2		Octacosane	394	C28H58	000630-02-4	64
3		Heptadecane	240	C17H36	000629-78-7	59
4		Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	59
5		Hexacosane	366	C26H54	000630-01-3	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026849.D
Acq On : 3 May 2017 13:30
Operator : SJ/MA
Sample : I2871-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB16

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	2.5	ng/ul	274500	4	17.35	2212240	20.0
(DEL) Alkane: Cyc...	19.22	2.2	ng/ul	245336	4	17.35	2212240	20.0
(DEL) Alkane: Str...	25.86	2.4	ng/ul	318981	6	24.76	2655320	20.0
(DEL) Alkane: Str...	27.17	3.1	ng/ul	405651	6	24.76	2655320	20.0
(DEL) Alkane: Str...	28.73	2.8	ng/ul	370390	6	24.76	2655320	20.0
(DEL) Alkane: Str...	30.68	2.7	ng/ul	356339	6	24.76	2655320	20.0