

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026860.D
 Acq On : 3 May 2017 20:41
 Operator : SJ/MA
 Sample : I2871-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB33

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	53	57	70	rVB	45738	87103	2.05%	0.158%
2	4.187	184	187	191	rVB6	3353	6295	0.15%	0.011%
3	4.416	221	226	230	rVB8	3598	6804	0.16%	0.012%
4	5.667	433	439	451	rVB3	10024	24241	0.57%	0.044%
5	6.214	526	532	541	rVB7	6882	15424	0.36%	0.028%
6	7.183	688	697	715	rBV	840454	1571999	36.96%	2.844%
7	7.330	715	722	733	rVV	769365	1238969	29.13%	2.242%
8	7.424	733	738	746	rVB9	4015	9486	0.22%	0.017%
9	7.542	750	758	775	rBV	896725	1602643	37.68%	2.900%
10	8.006	828	837	850	rBV	664447	1122089	26.38%	2.030%
11	8.723	949	959	989	rBV	1058855	2056110	48.34%	3.720%
12	9.163	1022	1034	1054	rBV	828265	1480148	34.80%	2.678%
13	9.322	1054	1061	1071	rVV7	9759	26333	0.62%	0.048%
14	9.586	1100	1106	1111	rBV2	14077	23752	0.56%	0.043%
15	9.886	1148	1157	1170	rBV	693580	1236441	29.07%	2.237%
16	10.432	1240	1250	1277	rBV	1003151	1982035	46.60%	3.586%
17	10.803	1303	1313	1325	rBV	1010024	1844641	43.37%	3.338%
18	10.938	1329	1336	1361	rBV	1294587	2488750	58.51%	4.503%
19	12.389	1577	1583	1595	rVB3	18391	34394	0.81%	0.062%
20	12.595	1614	1618	1628	rBV8	5049	11467	0.27%	0.021%
21	13.223	1721	1725	1730	rBV6	3966	7720	0.18%	0.014%
22	13.435	1755	1761	1769	rBV6	7178	14726	0.35%	0.027%
23	13.517	1769	1775	1778	rBV6	4641	7144	0.17%	0.013%
24	13.599	1783	1789	1793	rVB6	6059	10190	0.24%	0.018%
25	13.828	1823	1828	1839	rBV8	3751	10465	0.25%	0.019%
26	14.022	1853	1861	1865	rVV	1718782	2587342	60.83%	4.681%
27	14.063	1865	1868	1877	rVV	387018	539752	12.69%	0.977%
28	14.134	1877	1880	1888	rVB6	7341	12711	0.30%	0.023%
29	14.216	1888	1894	1900	rBV7	4379	7538	0.18%	0.014%
30	14.310	1900	1910	1925	rBV	2192744	3567241	83.87%	6.454%
31	14.504	1937	1943	1949	rVB	43187	56224	1.32%	0.102%
32	14.616	1949	1962	1973	rBV2	1378965	2289248	53.82%	4.142%
33	14.774	1985	1989	1993	rBV5	4002	6971	0.16%	0.013%
34	14.839	1993	2000	2015	rBV	376161	963750	22.66%	1.744%

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35	15.062	2032	2038	2043	rVB8	9842	20467	0.48%	0.037%
36	15.121	2043	2048	2054	rVV5	14721	27730	0.65%	0.050%
37	15.192	2054	2060	2065	rVB4	13517	21420	0.50%	0.039%
38	15.344	2082	2086	2092	rVB8	5207	10789	0.25%	0.020%
39	15.403	2092	2096	2100	rBV2	14819	25114	0.59%	0.045%
40	15.450	2100	2104	2110	rVV	94215	118871	2.79%	0.215%
41	15.515	2110	2115	2118	rVV7	9745	16183	0.38%	0.029%
42	15.609	2118	2131	2144	rVV	2503502	4024280	94.61%	7.281%
43	15.732	2144	2152	2166	rVV	607464	983663	23.13%	1.780%
44	15.844	2166	2171	2178	rVV3	58559	122732	2.89%	0.222%
45	15.897	2178	2180	2185	rVV5	8123	13066	0.31%	0.024%
46	15.950	2185	2189	2194	rVB8	12076	17254	0.41%	0.031%
47	16.002	2194	2198	2203	rBV4	14831	20179	0.47%	0.037%
48	16.067	2206	2209	2214	rVB3	16722	20636	0.49%	0.037%
49	16.179	2220	2228	2236	rBV3	7394	24379	0.57%	0.044%
50	16.308	2246	2250	2260	rBV	104602	184396	4.34%	0.334%
51	16.472	2275	2278	2286	rVB9	5587	9856	0.23%	0.018%
52	16.561	2289	2293	2296	rBV5	7052	10802	0.25%	0.020%
53	16.655	2301	2309	2312	rBV3	14747	28265	0.66%	0.051%
54	16.707	2317	2318	2323	rVB5	8118	8186	0.19%	0.015%
55	16.766	2323	2328	2332	rBV7	11490	15526	0.37%	0.028%
56	16.813	2332	2336	2341	rBV6	10667	13238	0.31%	0.024%
57	16.884	2344	2348	2351	rBV5	9046	9203	0.22%	0.017%
58	16.919	2351	2354	2356	rVB4	7800	5940	0.14%	0.011%
59	17.031	2370	2373	2376	rBV5	4663	6070	0.14%	0.011%
60	17.101	2379	2385	2389	rBV	59774	77114	1.81%	0.140%
61	17.148	2389	2393	2398	rVB5	20719	31573	0.74%	0.057%
62	17.248	2407	2410	2416	rVB7	6958	9597	0.23%	0.017%
63	17.354	2420	2428	2436	rBV	1534310	2320561	54.56%	4.199%
64	17.454	2437	2445	2454	rVB	2565655	3923069	92.24%	7.098%
65	17.630	2471	2475	2480	rVB5	7162	11544	0.27%	0.021%
66	17.689	2483	2485	2492	rVB6	5246	7130	0.17%	0.013%
67	17.753	2492	2496	2499	rBV6	6259	9866	0.23%	0.018%
68	17.836	2506	2510	2516	rBV3	22812	31192	0.73%	0.056%
69	18.000	2535	2538	2545	rVB8	5241	10813	0.25%	0.020%
70	18.123	2552	2559	2564	rBV9	5730	14785	0.35%	0.027%
71	18.235	2570	2578	2588	rBV	217317	370245	8.70%	0.670%

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72	18.588	2635	2638	2647	rBV8	4890	10458	0.25%	0.019%
73	18.875	2683	2687	2691	rBV7	4029	7408	0.17%	0.013%
74	18.934	2696	2697	2706	rVB8	4289	6396	0.15%	0.012%
75	19.157	2734	2735	2741	rBV6	3801	5944	0.14%	0.011%
76	19.375	2765	2772	2782	rBV2	41773	100569	2.36%	0.182%
77	19.498	2788	2793	2809	rBV	248948	455883	10.72%	0.825%
78	19.622	2809	2814	2823	rVB2	32336	67816	1.59%	0.123%
79	19.733	2825	2833	2844	rBV2	2755097	4129270	97.08%	7.471%
80	19.980	2873	2875	2881	rBV7	4007	7080	0.17%	0.013%
81	20.327	2931	2934	2939	rBV7	7034	9056	0.21%	0.016%
82	20.391	2942	2945	2948	rBV5	8843	13861	0.33%	0.025%
83	20.632	2980	2986	2990	rBV8	9328	15276	0.36%	0.028%
84	20.738	2999	3004	3014	rVB9	15535	39020	0.92%	0.071%
85	20.850	3021	3023	3028	rVB6	9737	13765	0.32%	0.025%
86	21.437	3114	3123	3125	rBV9	14497	38845	0.91%	0.070%
87	21.596	3143	3150	3163	rVB	1504722	2433477	57.21%	4.403%
88	21.737	3171	3174	3177	rBV5	12825	15846	0.37%	0.029%
89	21.766	3178	3179	3186	rVB7	18739	27580	0.65%	0.050%
90	22.366	3277	3281	3285	rBV5	24922	45525	1.07%	0.082%
91	23.035	3389	3395	3403	rVB5	41898	84789	1.99%	0.153%
92	23.223	3422	3427	3433	rVB3	35348	64511	1.52%	0.117%
93	23.823	3522	3529	3537	rBV3	61174	118997	2.80%	0.215%
94	24.545	3639	3652	3674	rBV2	1488641	4253328	100.00%	7.696%
95	24.757	3676	3688	3701	rBV2	923921	2673022	62.85%	4.836%
96	25.838	3864	3872	3882	rBV3	85358	249135	5.86%	0.451%
97	27.160	4088	4097	4109	rVB4	78645	265750	6.25%	0.481%
98	28.729	4354	4364	4384	rVB6	65645	297352	6.99%	0.538%
99	30.650	4682	4691	4712	rVB5	53892	285429	6.71%	0.516%
100	31.925	4905	4908	4909	rVB3	8809	8195	0.19%	0.015%

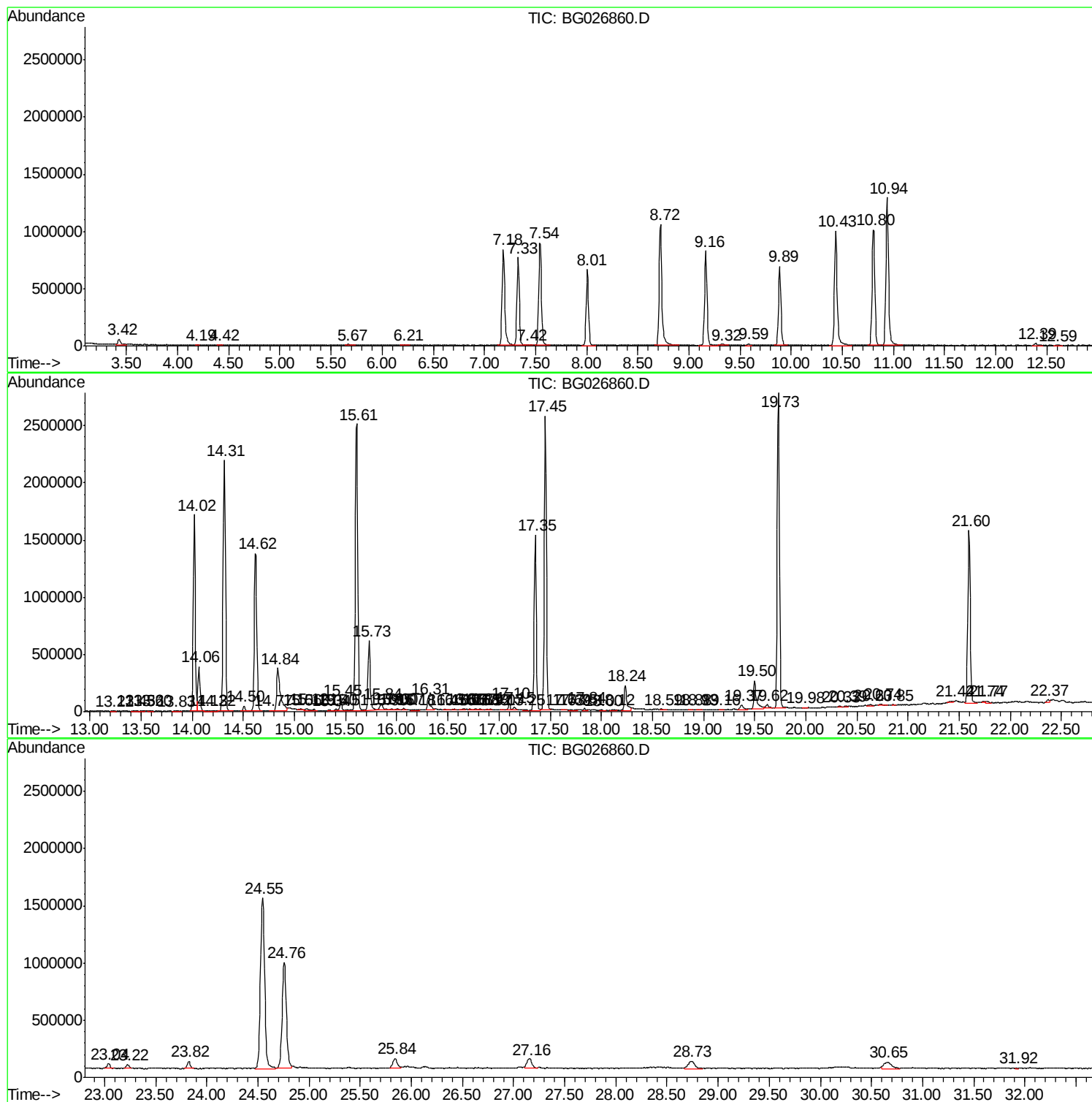
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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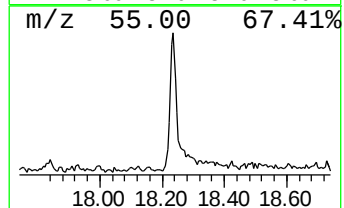
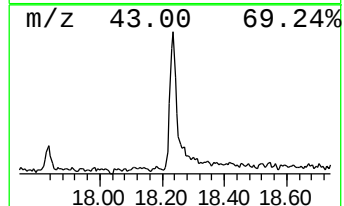
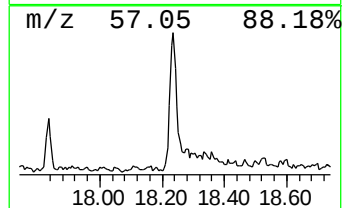
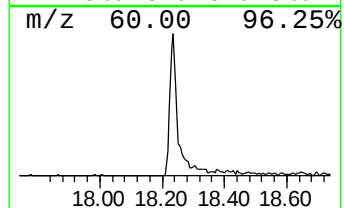
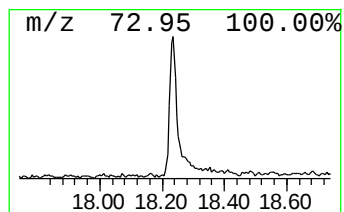
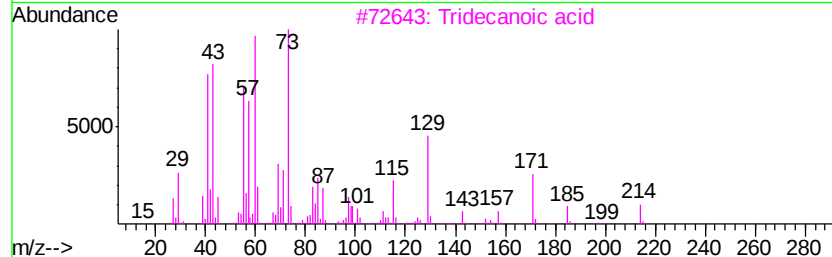
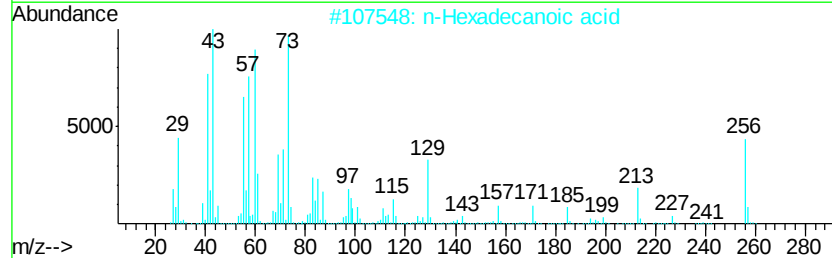
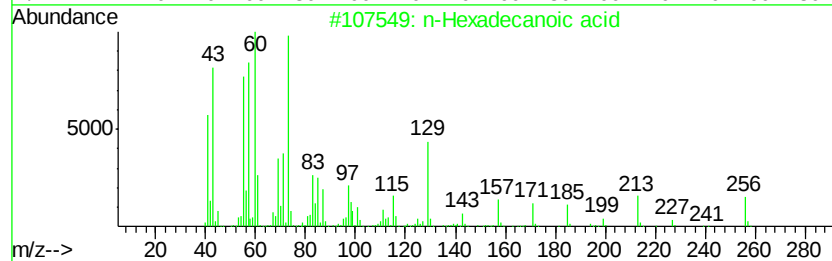
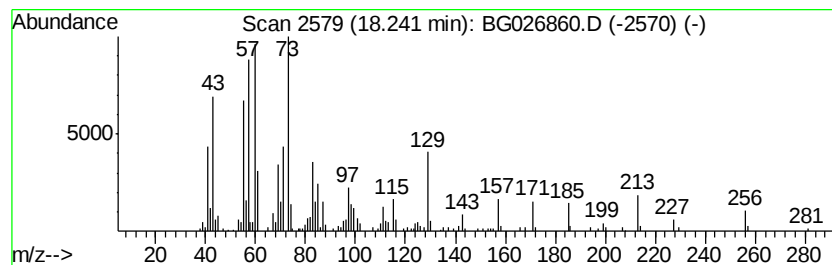
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.		
18.24	3.19 ng/ul	370245	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	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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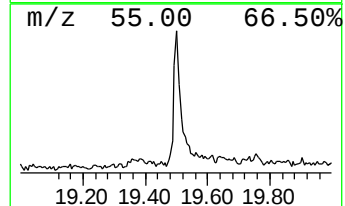
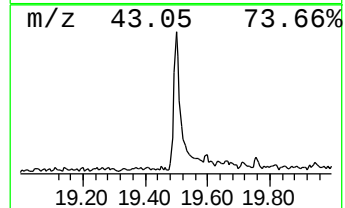
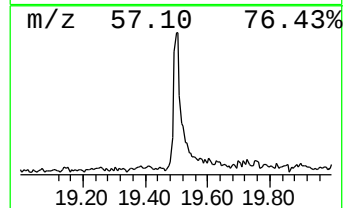
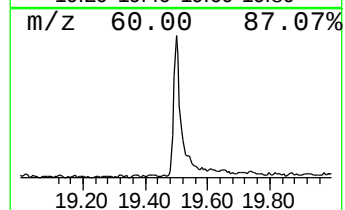
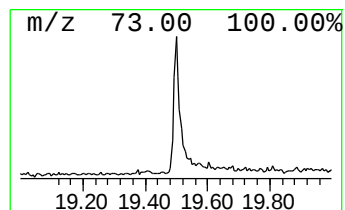
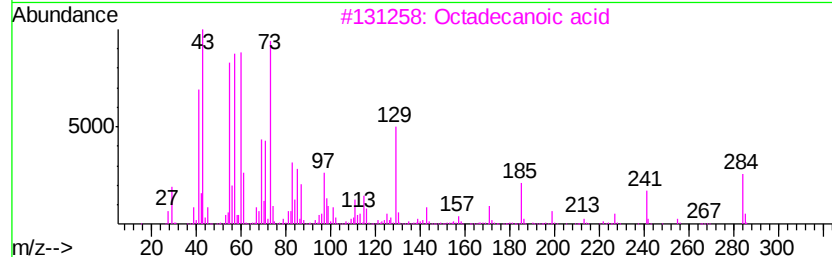
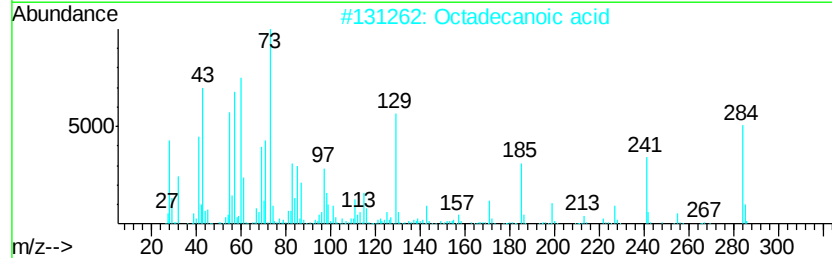
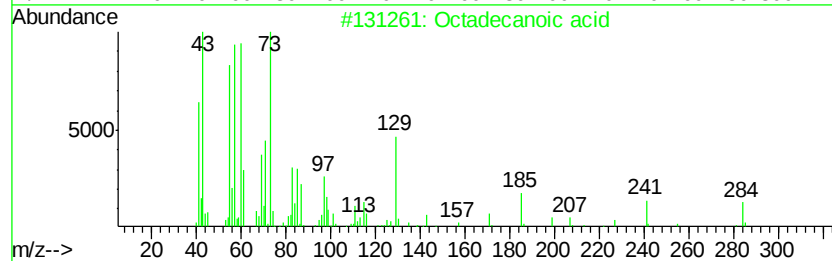
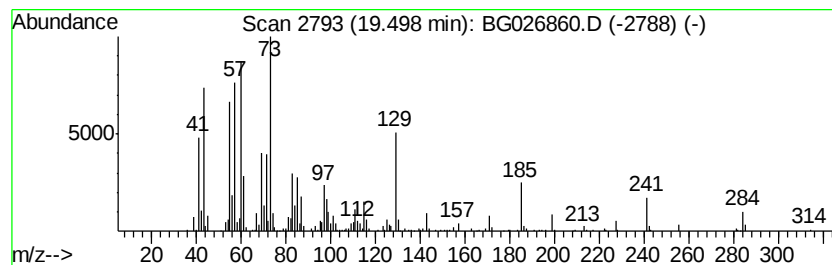
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	3.75 ng/ul	455883	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



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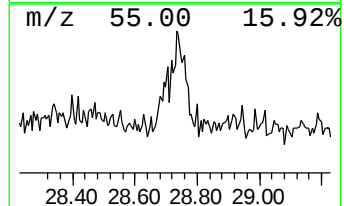
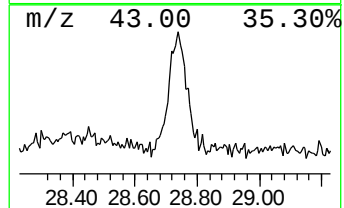
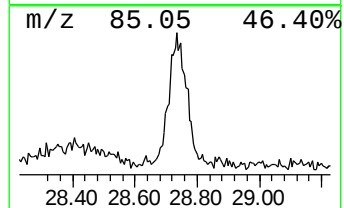
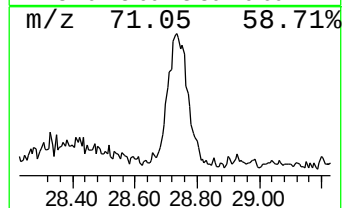
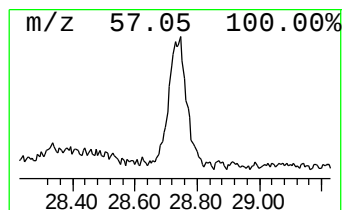
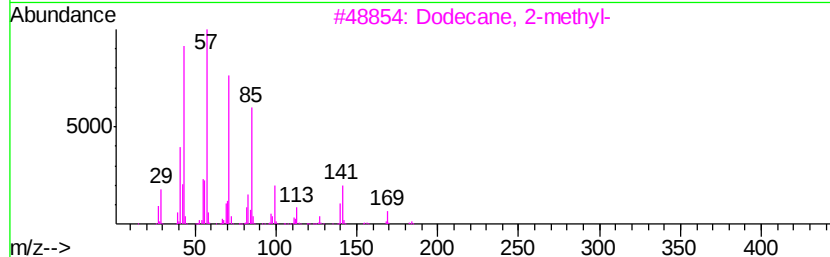
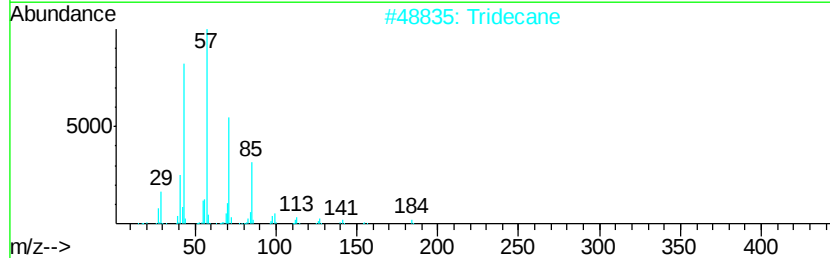
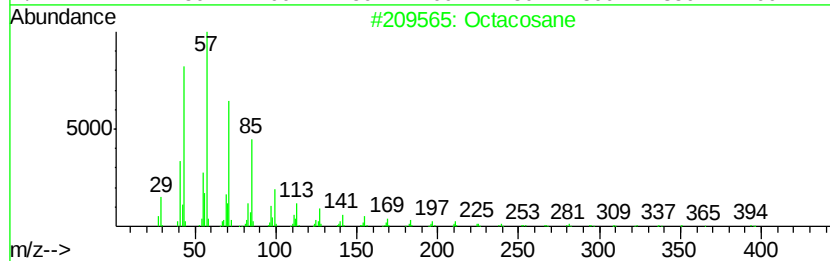
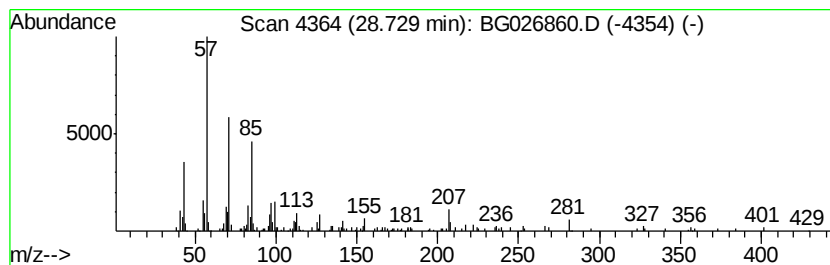
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.73	2.22 ng/ul	297352	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	81
2		Tridecane	184	C13H28	000629-50-5	76
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	76
4		Heneicosane	296	C21H44	000629-94-7	76
5		Tetracosane	338	C24H50	000646-31-1	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026860.D
Acq On : 3 May 2017 20:41
Operator : SJ/MA
Sample : I2871-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB33

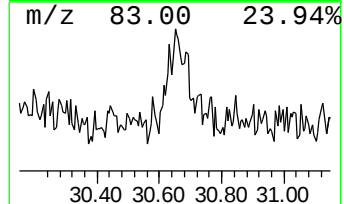
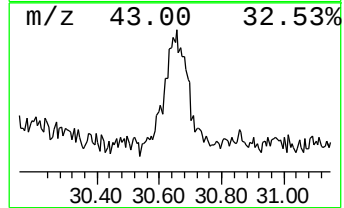
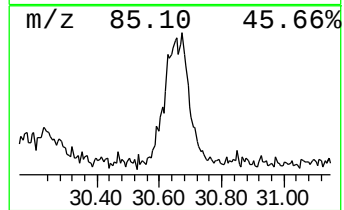
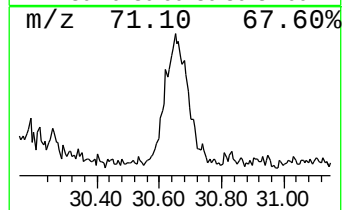
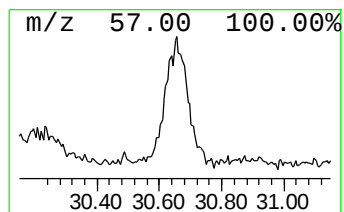
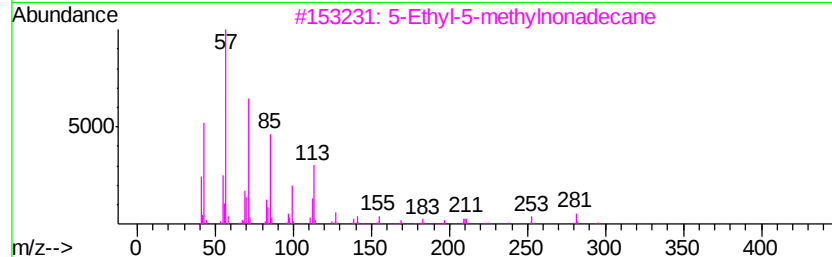
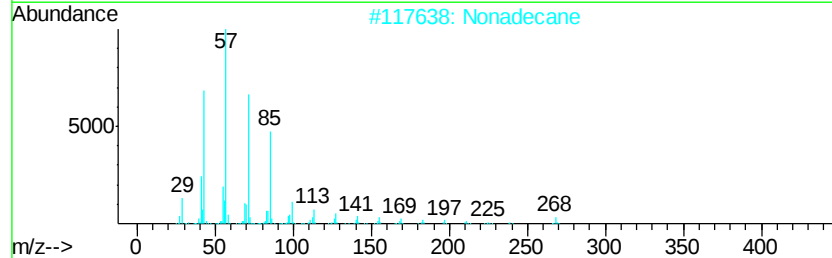
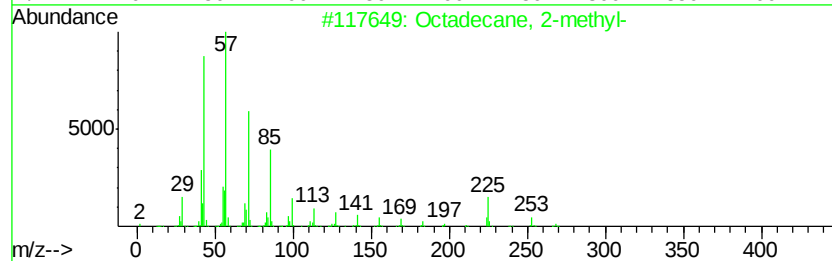
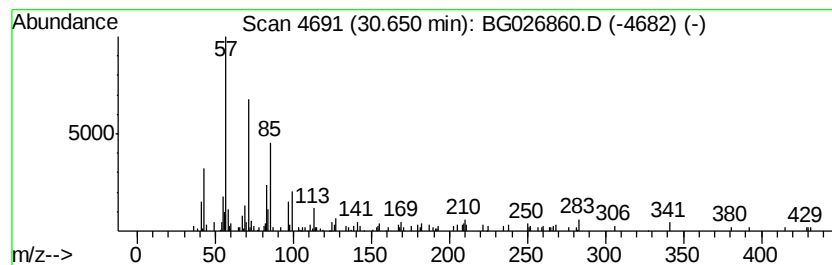
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
30.65	2.14 ng/ul	285429	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	76
2		Nonadecane	268	C19H40	000629-92-5	76
3		5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	72
4		Heptacosane	380	C27H56	000593-49-7	68
5		Nonadecane	268	C19H40	000629-92-5	68



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BNA_G
ClientSampleId :
YAB33

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	3.2	ng/ul	370245	4	17.35	2320560	20.0
Octadecanoic acid	19.50	3.8	ng/ul	455883	5	21.60	2433480	20.0
(DEL) Alkane: Str...	28.73	2.2	ng/ul	297352	6	24.76	2673020	20.0
(DEL) Alkane: Str...	30.65	2.1	ng/ul	285429	6	24.76	2673020	20.0