

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051617\
 Data File : BG026986.D
 Acq On : 16 May 2017 20:13
 Operator : SJ/MA
 Sample : I3106-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESXM7

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	3.399	48	53	64	rBV4	34340	78659	2.05%	0.175%
2	4.180	181	186	190	rVB5	6087	8395	0.22%	0.019%
3	4.262	194	200	205	rBV4	3455	7622	0.20%	0.017%
4	4.544	241	248	255	rBV8	4861	13568	0.35%	0.030%
5	4.715	270	277	291	rBV	55363	101033	2.64%	0.225%
6	5.138	347	349	359	rVB5	2839	6617	0.17%	0.015%
7	6.054	501	505	511	rVB7	5107	8245	0.22%	0.018%
8	6.219	527	533	539	rVB7	5896	13812	0.36%	0.031%
9	7.182	689	697	713	rBV	145365	324726	8.47%	0.722%
10	7.329	713	722	734	rVB	569381	958626	25.02%	2.130%
11	7.541	749	758	775	rBV	570538	1034848	27.01%	2.299%
12	8.005	829	837	850	rBV	580263	1002033	26.15%	2.227%
13	8.716	948	958	986	rBV	447054	901125	23.52%	2.002%
14	9.162	1022	1034	1051	rBV	670467	1223714	31.94%	2.719%
15	9.321	1055	1061	1066	rBV7	10508	17751	0.46%	0.039%
16	9.580	1101	1105	1112	rVB4	8473	12872	0.34%	0.029%
17	9.885	1149	1157	1169	rBV	553173	1008392	26.32%	2.241%
18	10.432	1243	1250	1279	rBV	737268	1559581	40.70%	3.465%
19	10.802	1303	1313	1331	rBV	956663	1715136	44.76%	3.811%
20	10.949	1331	1338	1347	rVV2	27495	68049	1.78%	0.151%
21	11.466	1419	1426	1434	rBV4	10470	24545	0.64%	0.055%
22	12.388	1572	1583	1591	rBV2	16069	31677	0.83%	0.070%
23	13.228	1719	1726	1737	rBV5	9411	18579	0.48%	0.041%
24	13.440	1755	1762	1766	rVB5	4194	9022	0.24%	0.020%
25	13.593	1777	1788	1793	rVB4	3830	10306	0.27%	0.023%
26	14.016	1852	1860	1865	rBV	1631985	2338354	61.03%	5.196%
27	14.063	1866	1868	1877	rVV	97562	116941	3.05%	0.260%
28	14.309	1899	1910	1923	rVV	1978051	3165915	82.63%	7.035%
29	14.503	1938	1943	1950	rVB	18974	25049	0.65%	0.056%
30	14.615	1950	1962	1974	rBV2	1440833	2265780	59.13%	5.035%
31	14.862	1993	2004	2025	rBV3	44150	190914	4.98%	0.424%
32	15.038	2030	2034	2042	rVB8	8193	19217	0.50%	0.043%
33	15.120	2042	2048	2054	rVB7	9358	20217	0.53%	0.045%
34	15.191	2054	2060	2065	rBV7	5713	10533	0.27%	0.023%

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35	15.402	2091	2096	2097	rBV2	6709	10513	0.27%	0.023%
36	15.449	2100	2104	2109	rVB	55016	69127	1.80%	0.154%
37	15.508	2109	2114	2118	rBV6	6206	10736	0.28%	0.024%
38	15.602	2118	2130	2140	rVV	2422134	3701059	96.59%	8.224%
39	15.731	2145	2152	2164	rBV	515810	808267	21.09%	1.796%
40	15.849	2164	2172	2178	rVV5	48370	104177	2.72%	0.231%
41	15.890	2178	2179	2185	rVB5	6827	7408	0.19%	0.016%
42	15.949	2185	2189	2194	rBV5	7984	12808	0.33%	0.028%
43	16.001	2194	2198	2204	rVB5	9419	14000	0.37%	0.031%
44	16.072	2204	2210	2213	rVB5	9858	15179	0.40%	0.034%
45	16.178	2226	2228	2236	rVB9	5046	7191	0.19%	0.016%
46	16.301	2245	2249	2268	rBV	74698	164416	4.29%	0.365%
47	16.442	2268	2273	2275	rBV5	4814	7885	0.21%	0.018%
48	16.483	2276	2280	2288	rVB10	6389	8815	0.23%	0.020%
49	16.554	2288	2292	2295	rBV5	6189	9664	0.25%	0.021%
50	16.648	2304	2308	2311	rBV5	11185	16324	0.43%	0.036%
51	16.707	2316	2318	2323	rVB4	7340	9320	0.24%	0.021%
52	16.759	2323	2327	2333	rBV7	9007	17316	0.45%	0.038%
53	16.812	2333	2336	2343	rVB8	8134	14602	0.38%	0.032%
54	16.877	2343	2347	2350	rBV3	8036	9272	0.24%	0.021%
55	17.094	2376	2384	2388	rVV2	48206	63511	1.66%	0.141%
56	17.141	2388	2392	2404	rVB6	18852	41672	1.09%	0.093%
57	17.235	2405	2408	2414	rVB8	4109	8237	0.21%	0.018%
58	17.353	2420	2428	2438	rBV	1537351	2369052	61.83%	5.264%
59	17.453	2438	2445	2460	rVB	2321590	3669453	95.77%	8.154%
60	17.617	2471	2473	2480	rVB6	5904	9970	0.26%	0.022%
61	17.741	2491	2494	2504	rVB10	6260	15603	0.41%	0.035%
62	17.829	2504	2509	2514	rBV4	14481	25036	0.65%	0.056%
63	18.228	2572	2577	2587	rBV	189963	339962	8.87%	0.755%
64	18.440	2609	2613	2618	rVB8	5295	10705	0.28%	0.024%
65	18.516	2623	2626	2635	rBV9	8660	21856	0.57%	0.049%
66	18.757	2661	2667	2668	rBV6	4512	7563	0.20%	0.017%
67	19.145	2730	2733	2735	rBV4	5381	7118	0.19%	0.016%
68	19.298	2755	2759	2764	rBV8	5680	10606	0.28%	0.024%
69	19.374	2764	2772	2776	rBV3	69965	151431	3.95%	0.336%
70	19.415	2776	2779	2789	rVV4	67267	152768	3.99%	0.339%
71	19.497	2789	2793	2809	rVB	185158	314861	8.22%	0.700%

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72	19.615	2811	2813	2823	rVB4	26595	55779	1.46%	0.124%
73	19.732	2825	2833	2847	rVB	2673462	3796274	99.08%	8.436%
74	19.950	2869	2870	2874	rBV4	8780	6606	0.17%	0.015%
75	20.114	2896	2898	2902	rVB4	9851	10460	0.27%	0.023%
76	20.249	2918	2921	2923	rBV4	7141	9158	0.24%	0.020%
77	20.320	2930	2933	2936	rVB4	8612	9331	0.24%	0.021%
78	20.390	2941	2945	2948	rBV6	6008	8786	0.23%	0.020%
79	20.502	2953	2964	2967	rBV6	13198	32854	0.86%	0.073%
80	20.731	2999	3003	3007	rVB6	12424	20064	0.52%	0.045%
81	21.472	3123	3129	3139	rBV	98575	129362	3.38%	0.287%
82	21.595	3142	3150	3164	rBV	1493920	2446142	63.84%	5.435%
83	21.759	3177	3178	3183	rVB5	12368	12502	0.33%	0.028%
84	22.359	3275	3280	3286	rBV6	30550	69976	1.83%	0.155%
85	22.653	3328	3330	3333	rBV4	8162	10259	0.27%	0.023%
86	22.729	3340	3343	3353	rVB4	21342	37722	0.98%	0.084%
87	23.029	3389	3394	3407	rVB2	42083	99268	2.59%	0.221%
88	23.816	3521	3528	3536	rBV3	58962	125818	3.28%	0.280%
89	24.544	3639	3652	3673	rBV3	1204995	3831654	100.00%	8.514%
90	24.756	3677	3688	3716	rVB2	800356	2607731	68.06%	5.795%
91	25.725	3851	3853	3856	rBV4	10690	11018	0.29%	0.024%
92	25.831	3862	3871	3881	rBV2	80285	246059	6.42%	0.547%
93	26.131	3915	3922	3933	rVB2	17460	55822	1.46%	0.124%
94	27.141	4085	4094	4109	rVB3	76487	281966	7.36%	0.627%
95	27.811	4206	4208	4211	rBV4	7188	9039	0.24%	0.020%
96	28.716	4353	4362	4378	rVB7	51658	199504	5.21%	0.443%
97	28.933	4397	4399	4403	rBV5	7380	7864	0.21%	0.017%
98	30.643	4676	4690	4709	rVB7	43544	234597	6.12%	0.521%
99	31.195	4774	4784	4785	rBV9	34463	81397	2.12%	0.181%
100	32.312	4972	4974	4976	rBV3	7504	7051	0.18%	0.016%

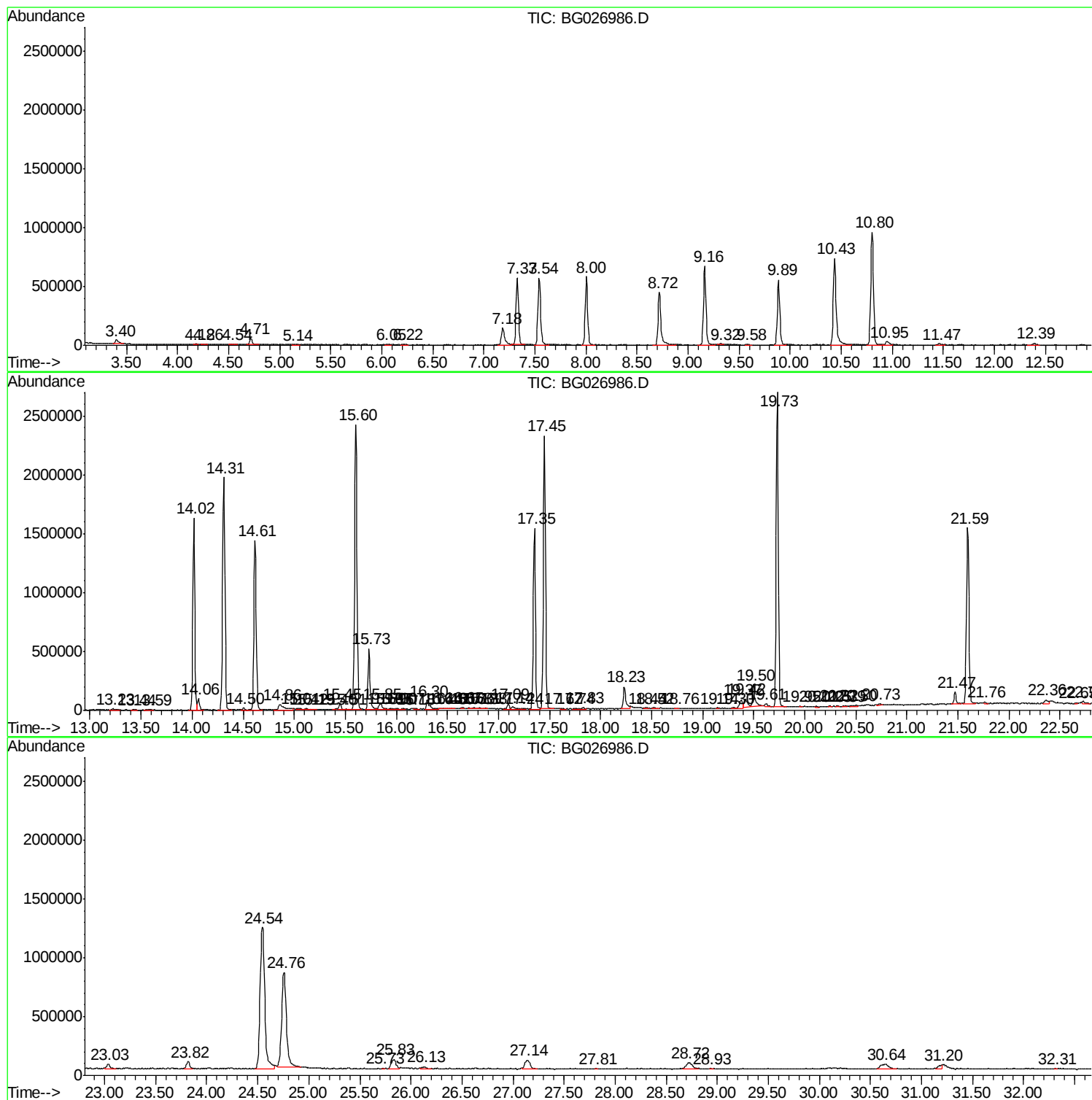
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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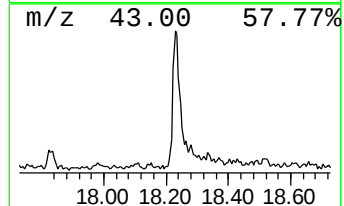
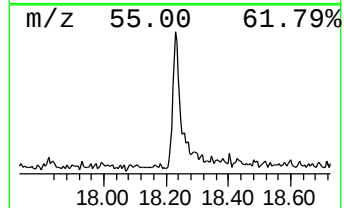
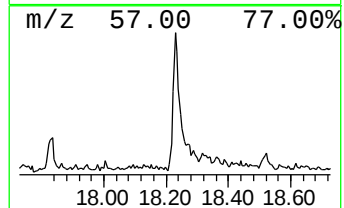
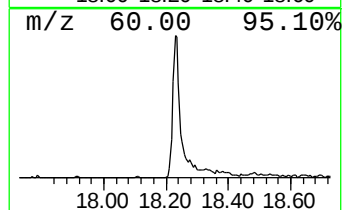
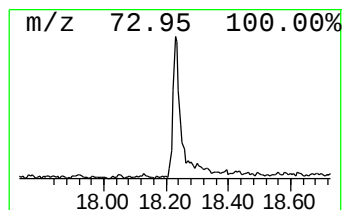
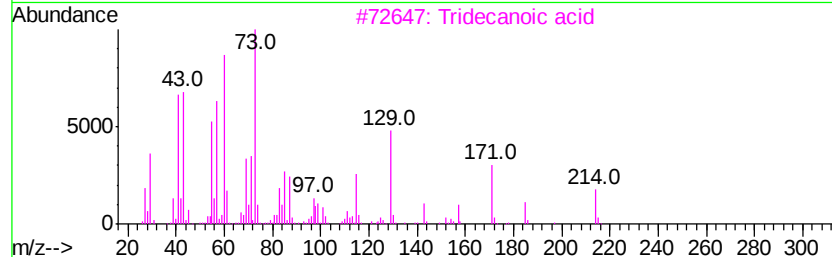
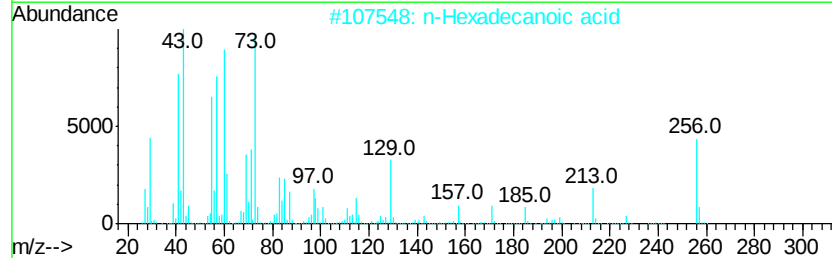
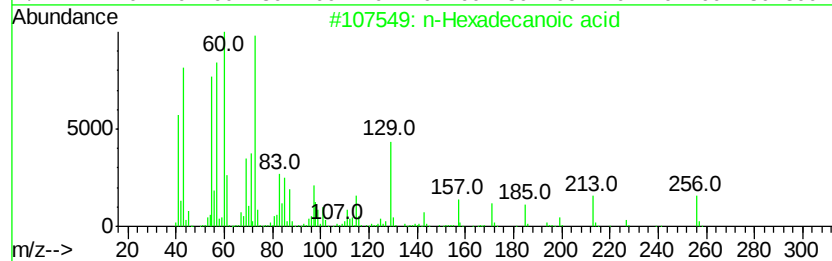
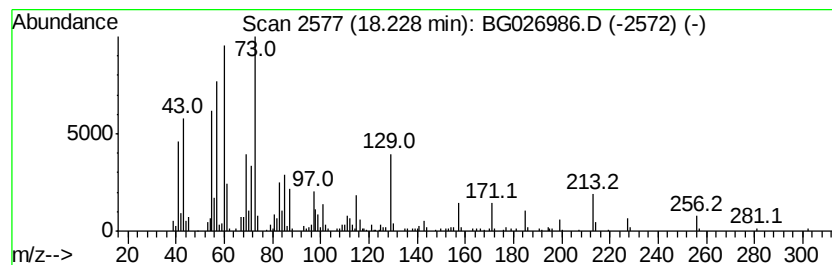
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.87 ng/ul	339962	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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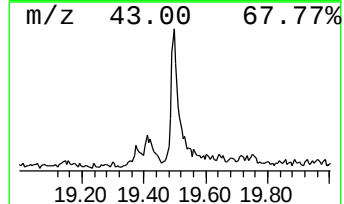
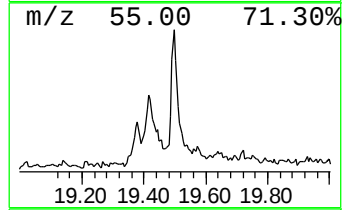
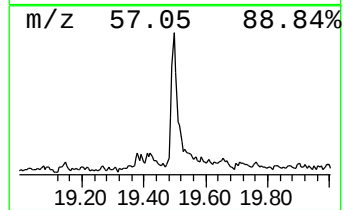
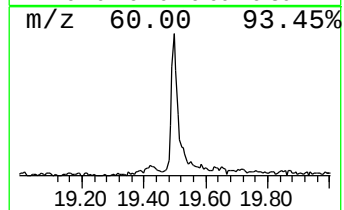
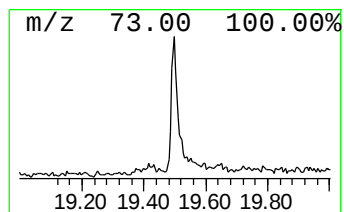
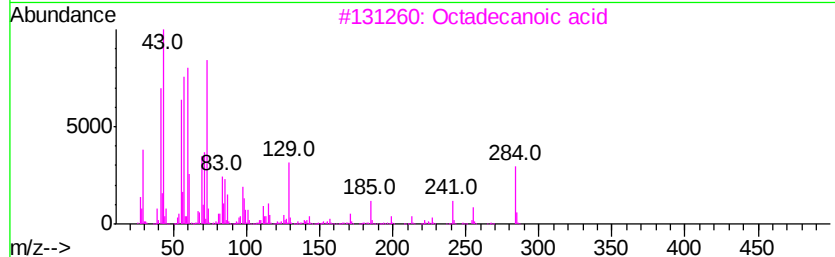
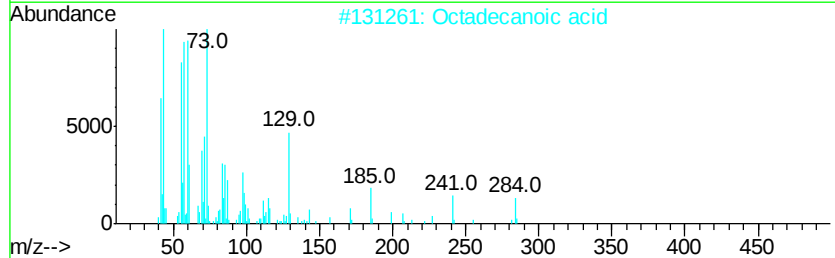
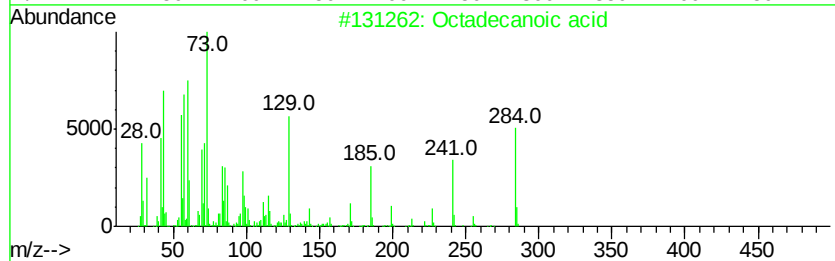
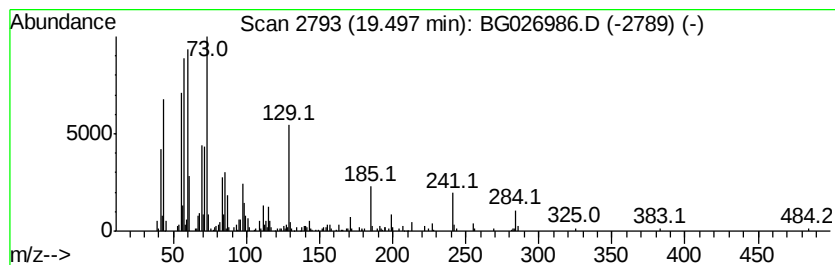
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.57 ng/ul	314861	Chrysene-d12	21.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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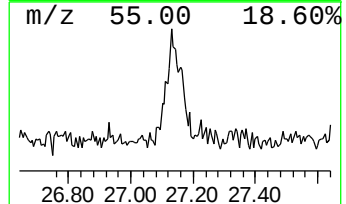
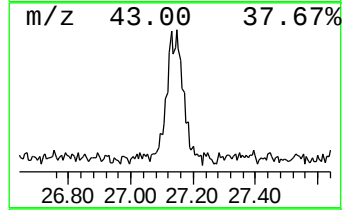
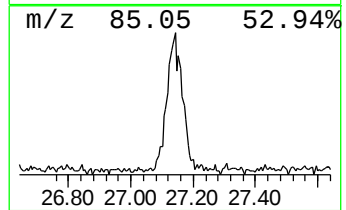
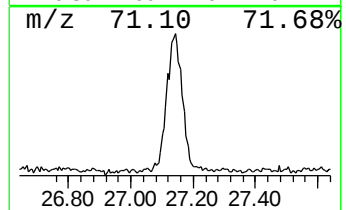
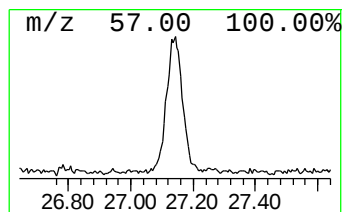
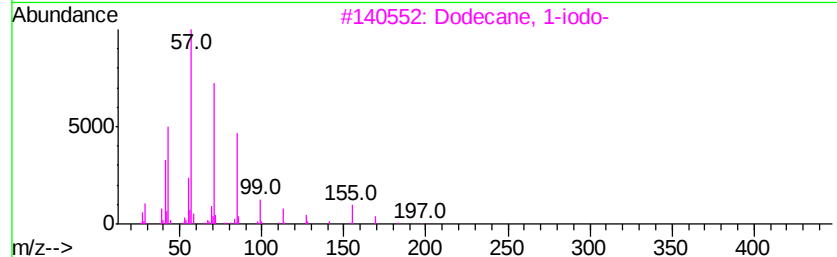
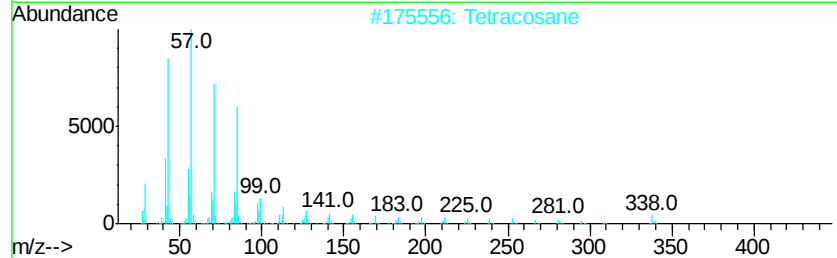
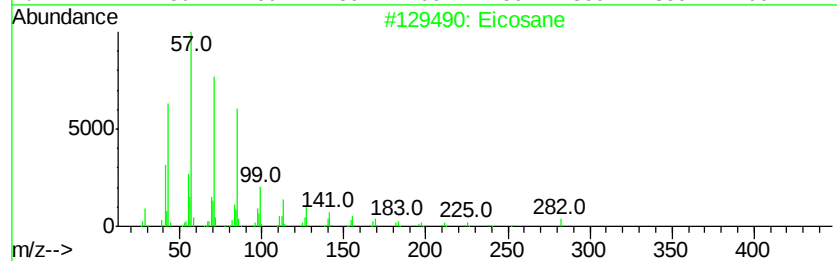
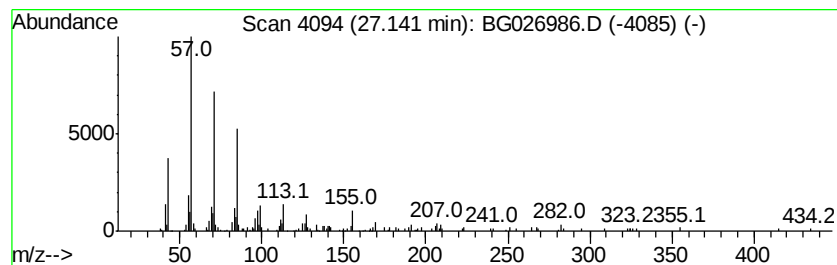
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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.14	2.16 ng/ul	281966	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Tetracosane	338	C24H50	000646-31-1	86
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			triacontane	422	C30H62	000638-68-6	86
5			Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051617\
Data File : BG026986.D
Acq On : 16 May 2017 20:13
Operator : SJ/MA
Sample : I3106-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESXM7

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	2.9	ng/ul	339962	4	17.35	2369050	20.0
Octadecanoic acid	19.50	2.6	ng/ul	314861	5	21.59	2446140	20.0
(DEL) Alkane: Str...	27.14	2.2	ng/ul	281966	6	24.76	2607730	20.0