

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023582.D
 Acq On : 10 Aug 2016 7:34
 Operator : UM/SJ
 Sample : H4362-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS006-0612-01

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	4.012	198	200	205	rVB5	18560	24695	0.46%	0.038%
2	5.458	444	446	449	rBV3	7795	7676	0.14%	0.012%
3	5.781	498	501	503	rBV3	5352	7921	0.15%	0.012%
4	6.474	617	619	621	rVB2	7588	6329	0.12%	0.010%
5	6.574	635	636	638	rVB2	11098	7005	0.13%	0.011%
6	6.603	638	641	643	rBV3	7256	8104	0.15%	0.012%
7	7.114	726	728	737	rVB7	7427	12650	0.24%	0.019%
8	7.267	748	754	765	rBV	625191	1169145	22.00%	1.780%
9	7.425	775	781	791	rVB	524626	848481	15.97%	1.292%
10	7.637	811	817	828	rVB	614555	1080481	20.33%	1.645%
11	7.707	828	829	834	rVB5	8597	8569	0.16%	0.013%
12	7.754	834	837	839	rBV3	5875	6634	0.12%	0.010%
13	7.843	849	852	857	rVB6	4724	7190	0.14%	0.011%
14	8.113	890	898	911	rBV	696779	1221339	22.98%	1.860%
15	8.553	971	973	976	rVB5	6565	6972	0.13%	0.011%
16	8.636	985	987	990	rBV4	5624	6689	0.13%	0.010%
17	8.824	1013	1019	1031	rBV	743946	1293795	24.35%	1.970%
18	8.947	1037	1040	1047	rVV7	12609	21422	0.40%	0.033%
19	9.012	1049	1051	1054	rVB3	7524	6942	0.13%	0.011%
20	9.288	1091	1098	1109	rBV	623980	1125621	21.18%	1.714%
21	9.399	1112	1117	1122	rBV8	19609	43367	0.82%	0.066%
22	9.470	1128	1129	1133	rVB3	10787	8925	0.17%	0.014%
23	9.752	1172	1177	1180	rVB5	5668	12076	0.23%	0.018%
24	10.016	1213	1222	1231	rBV2	559796	1015164	19.10%	1.546%
25	10.075	1231	1232	1238	rVB6	6274	9002	0.17%	0.014%
26	10.568	1309	1316	1328	rBV	801422	1573891	29.62%	2.397%
27	10.762	1345	1349	1352	rBV3	5507	9889	0.19%	0.015%
28	10.903	1370	1373	1374	rBV3	7135	7872	0.15%	0.012%
29	10.950	1374	1381	1393	rVB	1041619	1939172	36.49%	2.953%
30	11.085	1396	1404	1417	rBV	497352	1034455	19.47%	1.575%
31	11.520	1476	1478	1481	rBV4	7885	7035	0.13%	0.011%
32	11.573	1485	1487	1491	rVB5	7061	8593	0.16%	0.013%
33	11.925	1542	1547	1549	rBV4	10628	15440	0.29%	0.024%
34	12.019	1559	1563	1566	rBV5	6710	7617	0.14%	0.012%

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35	12.430	1629	1633	1635	rBV4	9459	11324	0.21%	0.017%
36	12.530	1646	1650	1655	rVB6	15992	26886	0.51%	0.041%
37	13.129	1747	1752	1755	rBV6	10960	20882	0.39%	0.032%
38	13.364	1789	1792	1798	rVB6	16254	25538	0.48%	0.039%
39	13.588	1828	1830	1832	rVB4	8898	7454	0.14%	0.011%
40	13.646	1832	1840	1845	rBV4	12908	31541	0.59%	0.048%
41	13.970	1892	1895	1896	rVB3	7447	6507	0.12%	0.010%
42	14.093	1913	1916	1920	rBV4	12298	20066	0.38%	0.031%
43	14.175	1923	1930	1935	rBV	1632439	2544994	47.89%	3.876%
44	14.222	1935	1938	1945	rVB	1456612	2025544	38.12%	3.085%
45	14.340	1956	1958	1962	rVB5	7325	9002	0.17%	0.014%
46	14.475	1974	1981	1992	rBV	1749569	2905520	54.68%	4.425%
47	14.651	2008	2011	2017	rVB4	36575	45704	0.86%	0.070%
48	14.727	2020	2024	2027	rBV5	15296	26732	0.50%	0.041%
49	14.786	2027	2034	2042	rVV2	1836834	3012535	56.69%	4.588%
50	14.998	2063	2070	2082	rBV	626378	1257944	23.67%	1.916%
51	15.144	2092	2095	2099	rVB6	20055	27369	0.52%	0.042%
52	15.338	2126	2128	2131	rVB4	12089	14789	0.28%	0.023%
53	15.444	2144	2146	2150	rBV4	8455	9372	0.18%	0.014%
54	15.520	2153	2159	2163	rBV3	100064	162859	3.06%	0.248%
55	15.603	2169	2173	2179	rVB	76109	100733	1.90%	0.153%
56	15.708	2189	2191	2192	rBV2	7481	7315	0.14%	0.011%
57	15.779	2196	2203	2210	rVV	2515389	3815632	71.80%	5.811%
58	15.902	2218	2224	2231	rBV	880629	1314799	24.74%	2.002%
59	16.020	2237	2244	2248	rBV5	49755	90866	1.71%	0.138%
60	16.161	2266	2268	2276	rVB8	15771	24177	0.45%	0.037%
61	16.231	2276	2280	2285	rBV8	16593	25555	0.48%	0.039%
62	16.419	2310	2312	2315	rBV4	13139	13138	0.25%	0.020%
63	16.472	2317	2321	2328	rBV2	91082	164506	3.10%	0.251%
64	16.619	2343	2346	2350	rBV5	17919	31327	0.59%	0.048%
65	16.813	2377	2379	2382	rBV3	12837	15285	0.29%	0.023%
66	16.877	2388	2390	2392	rBV2	10989	10171	0.19%	0.015%
67	16.913	2393	2396	2404	rVB9	34300	64384	1.21%	0.098%
68	16.977	2404	2407	2412	rBV7	22274	29051	0.55%	0.044%
69	17.200	2441	2445	2447	rBV5	10714	16341	0.31%	0.025%
70	17.271	2453	2457	2463	rBV	69311	100872	1.90%	0.154%
71	17.330	2463	2467	2470	rVB5	28297	43803	0.82%	0.067%

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72	17.412	2477	2481	2487	rBV3	73544	116930	2.20%	0.178%
73	17.482	2490	2493	2497	rVB5	32961	37377	0.70%	0.057%
74	17.547	2497	2504	2509	rBV	2493762	3896265	73.32%	5.934%
75	17.647	2515	2521	2527	rBV	2659016	4030089	75.84%	6.137%
76	17.917	2562	2567	2569	rBV6	24832	37427	0.70%	0.057%
77	18.011	2580	2583	2587	rBV3	44050	52743	0.99%	0.080%
78	18.293	2626	2631	2638	rBV8	79995	160139	3.01%	0.244%
79	18.364	2639	2643	2647	rVB6	30708	36970	0.70%	0.056%
80	18.416	2647	2652	2659	rBV2	833685	1210930	22.79%	1.844%
81	18.710	2699	2702	2710	rVB5	36204	63989	1.20%	0.097%
82	18.769	2710	2712	2713	rBV2	24919	19721	0.37%	0.030%
83	18.963	2743	2745	2749	rBV5	39848	54049	1.02%	0.082%
84	19.333	2805	2808	2813	rVB4	71854	90845	1.71%	0.138%
85	19.597	2850	2853	2861	rVB	406449	618563	11.64%	0.942%
86	19.685	2864	2868	2877	rBV3	313222	462469	8.70%	0.704%
87	19.938	2905	2911	2921	rVB2	3216360	5314012	100.00%	8.093%
88	20.437	2994	2996	3005	rVB5	125640	195040	3.67%	0.297%
89	21.465	3167	3171	3186	rBV3	345565	765976	14.41%	1.166%
90	21.724	3212	3215	3223	rVB2	95056	139254	2.62%	0.212%
91	21.865	3232	3239	3245	rBV2	2355829	4187811	78.81%	6.377%
92	22.675	3372	3377	3378	rBV2	291248	411628	7.75%	0.627%
93	24.250	3638	3645	3652	rVB2	1435686	3223972	60.67%	4.910%
94	25.025	3768	3777	3787	rBV2	1288726	3636547	68.43%	5.538%
95	25.260	3807	3817	3830	rVB2	1301364	3908265	73.55%	5.952%
96	26.441	4009	4018	4029	rVB3	742611	2363847	44.48%	3.600%

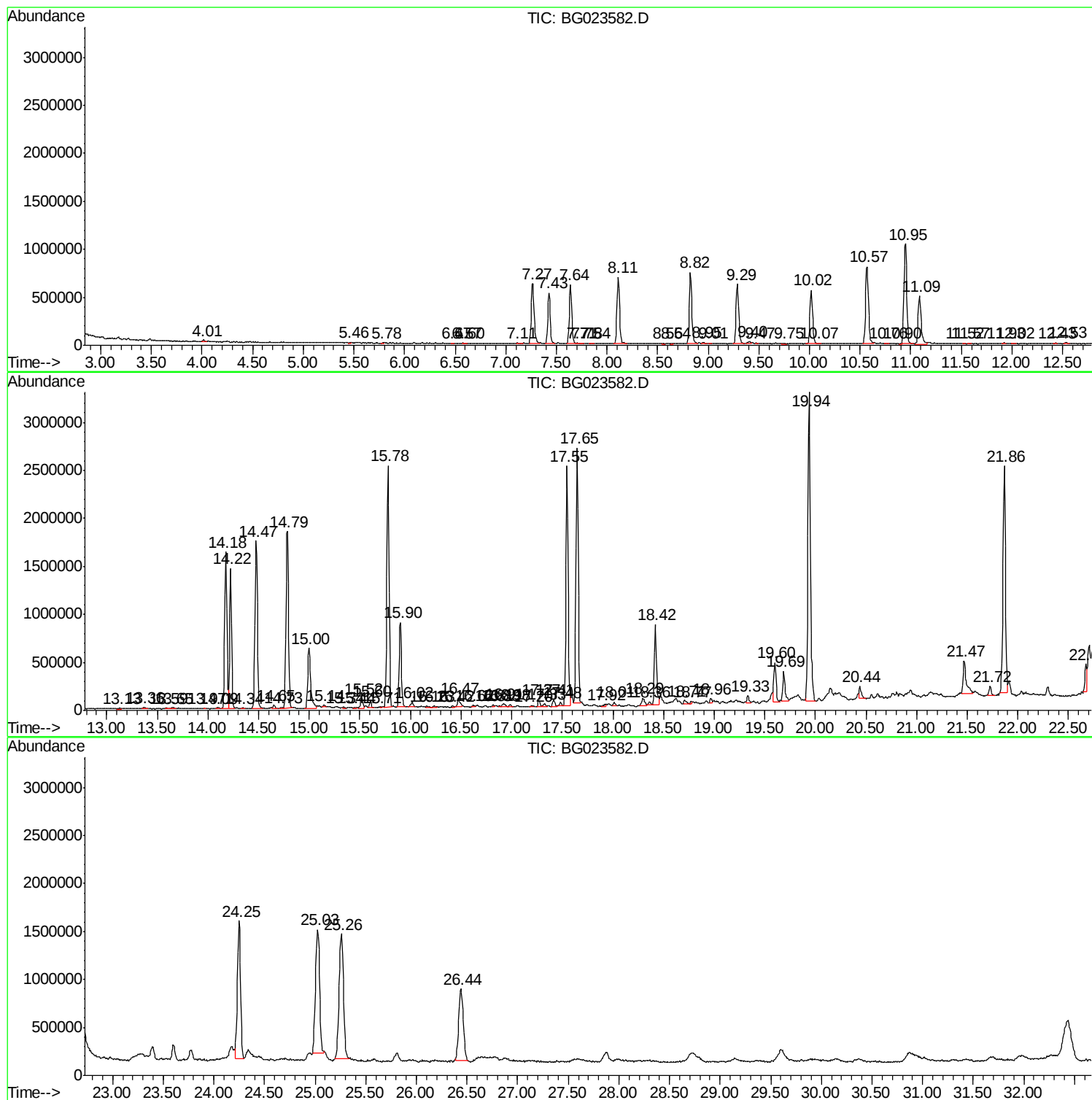
Sum of corrected areas: 65665533

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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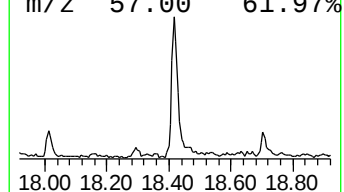
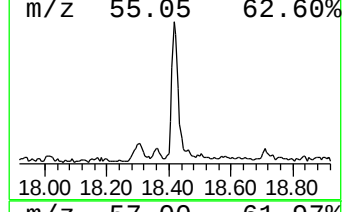
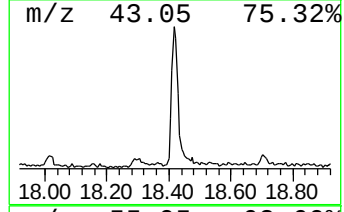
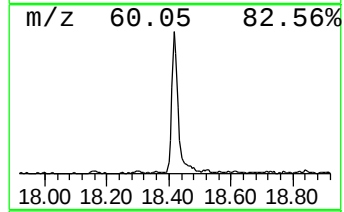
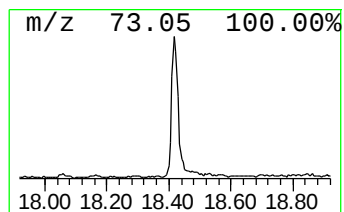
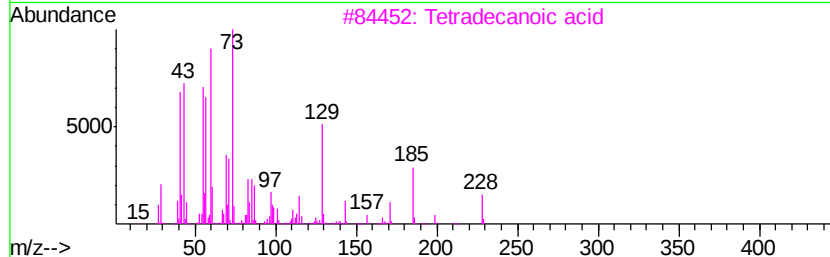
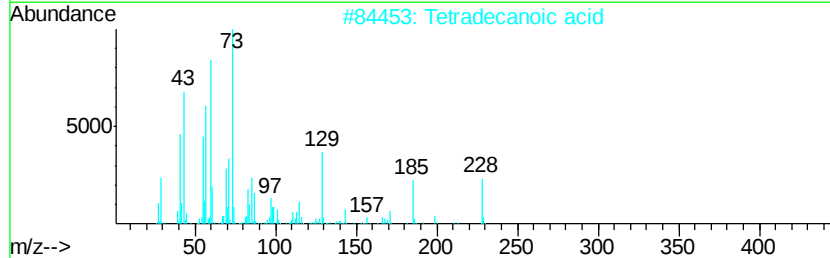
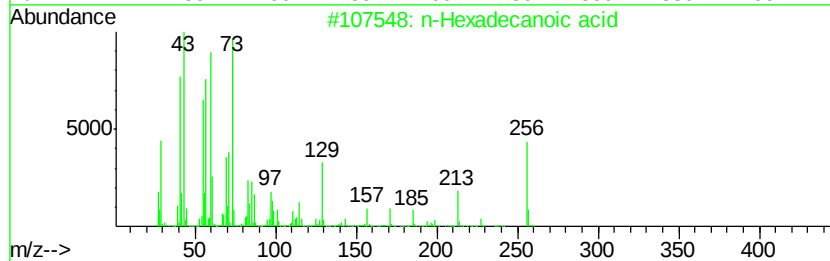
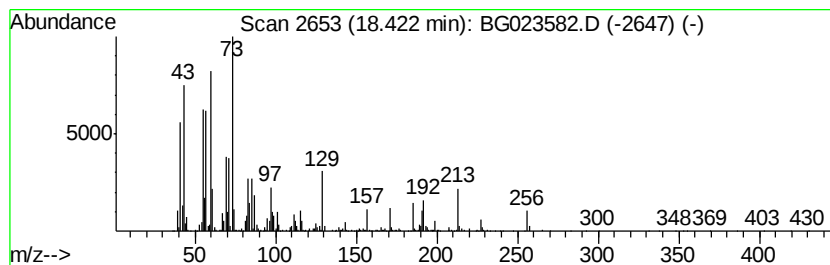
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	6.22 ng/ul	1210930	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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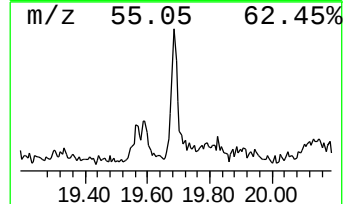
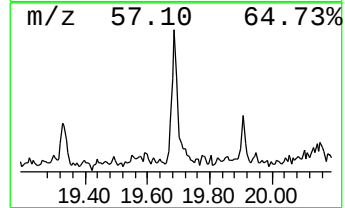
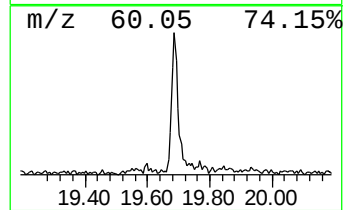
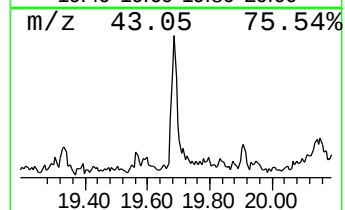
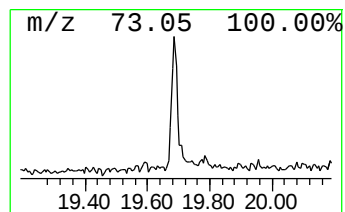
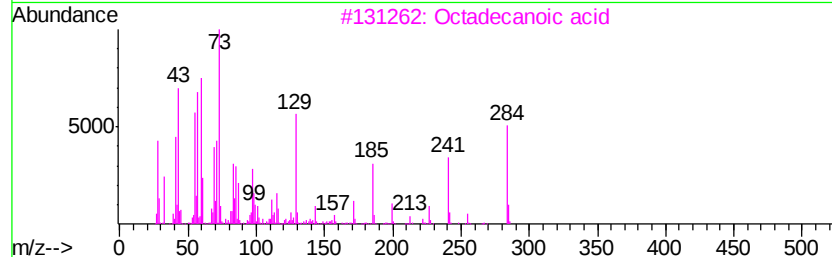
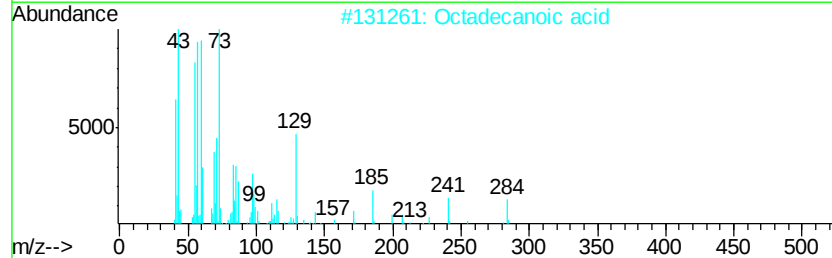
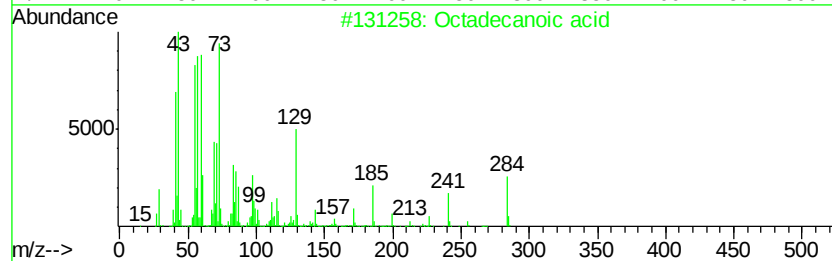
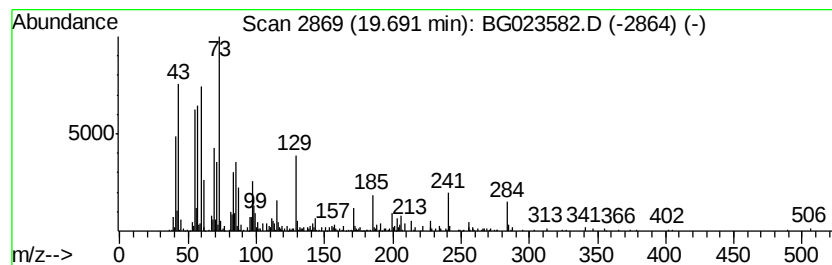
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.69	2.37 ng/ul	462469	Phenanthrene-d10		17.55	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	98
2	Octadecanoic acid		284	C18H36O2	000057-11-4	98
3	Octadecanoic acid		284	C18H36O2	000057-11-4	97
4	Octadecanoic acid		284	C18H36O2	000057-11-4	97
5	Octadecanoic acid		284	C18H36O2	000057-11-4	90



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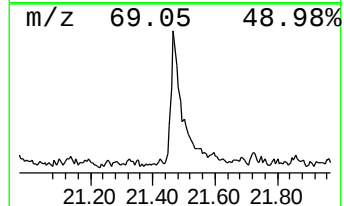
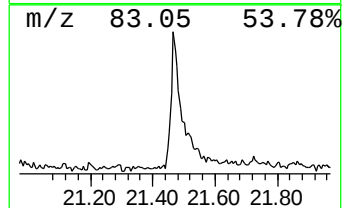
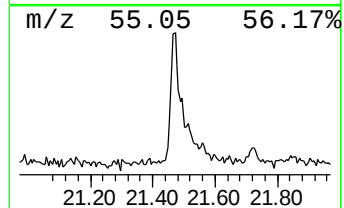
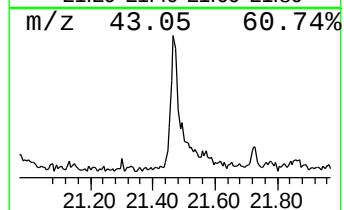
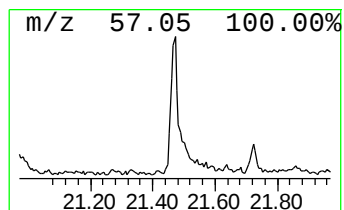
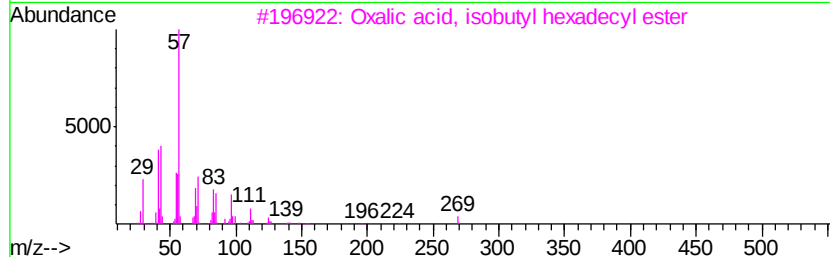
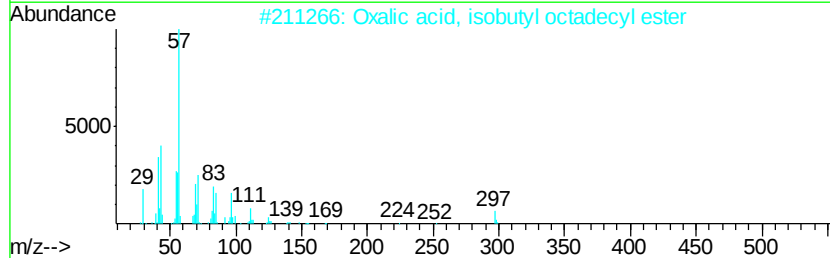
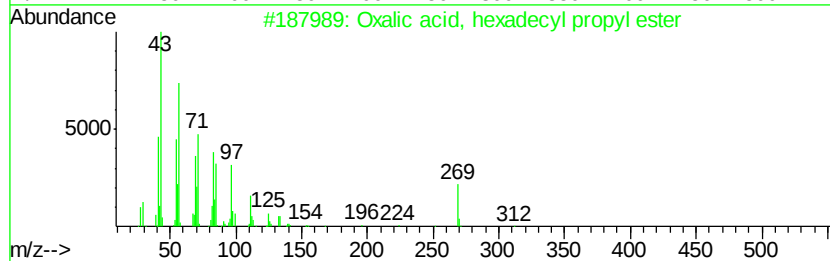
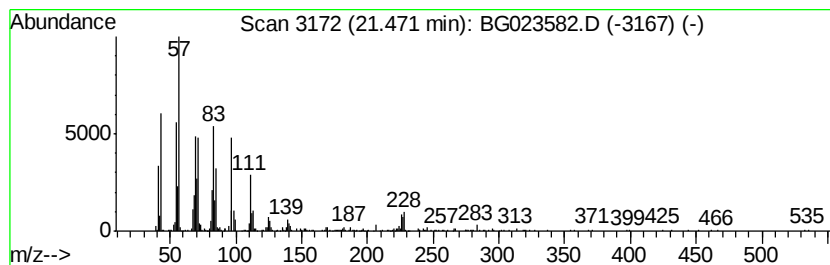
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Peak Number 3 Oxalic acid, hexadecyl prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.66 ng/ul	765976	Chrysene-d12	21.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	90
4		Hexadecane	226	C16H34	000544-76-3	83
5		Cyclohexadecane	224	C16H32	000295-65-8	74



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Sample : H4362-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0612-01

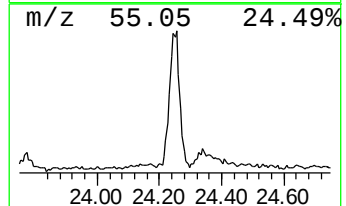
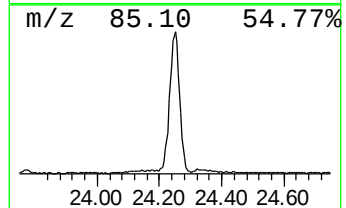
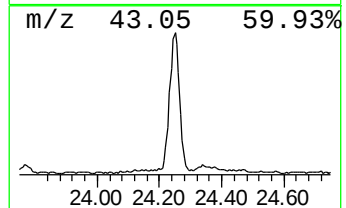
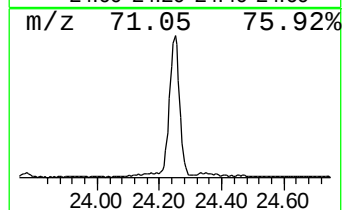
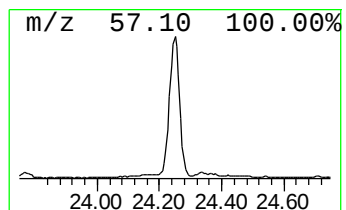
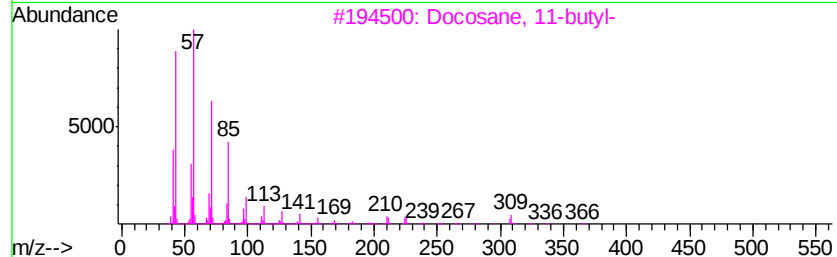
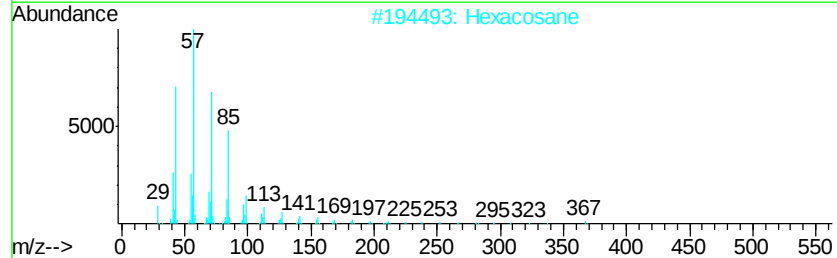
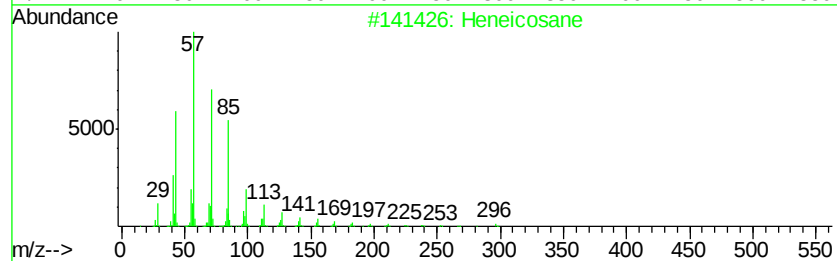
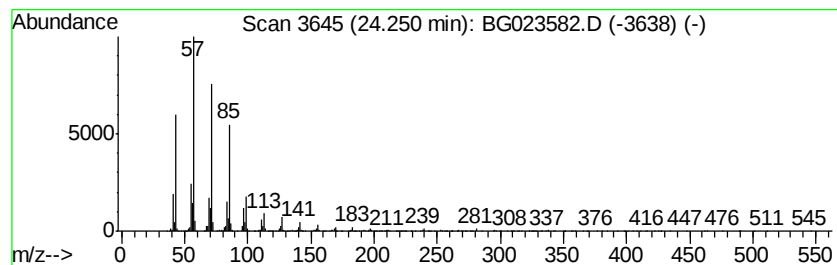
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Quant Title : SVOA CALIBRATION

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.
24.25	16.50 ng/ul	3223970	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023582.D
Acq On : 10 Aug 2016 7:34
Operator : UM/SJ
Sample : H4362-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0612-01

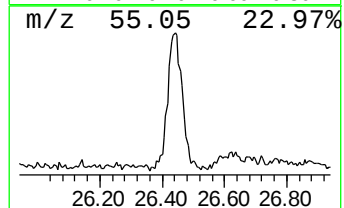
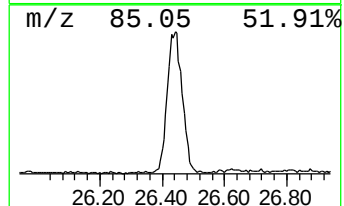
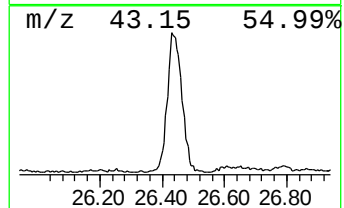
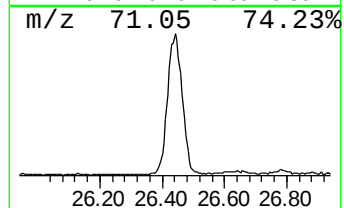
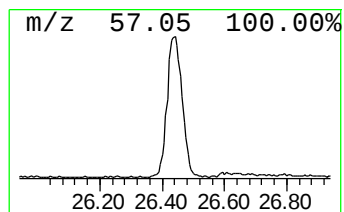
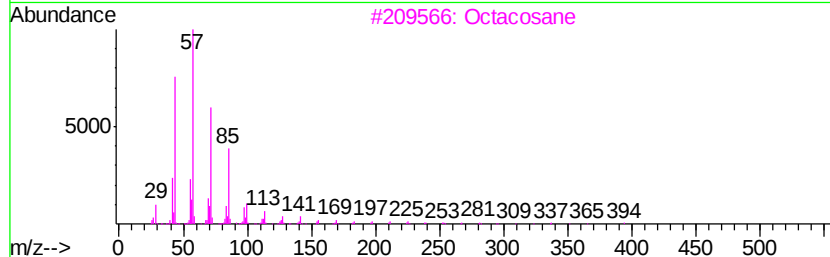
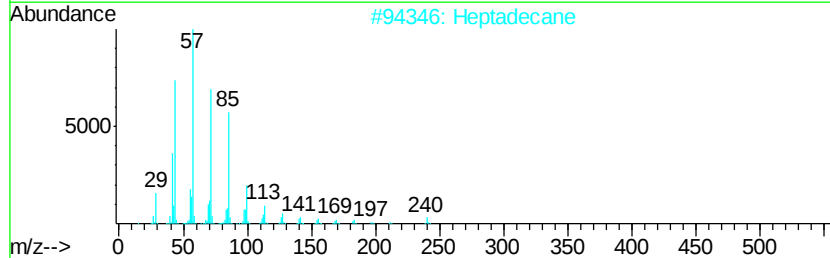
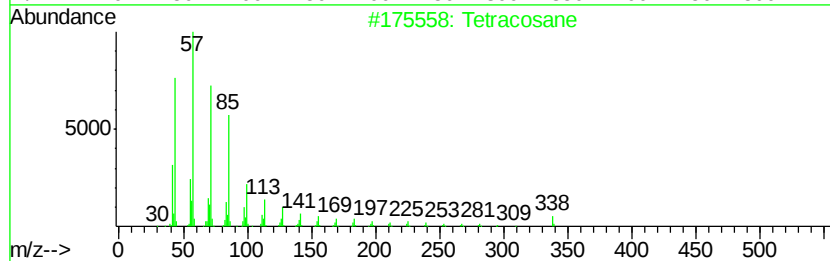
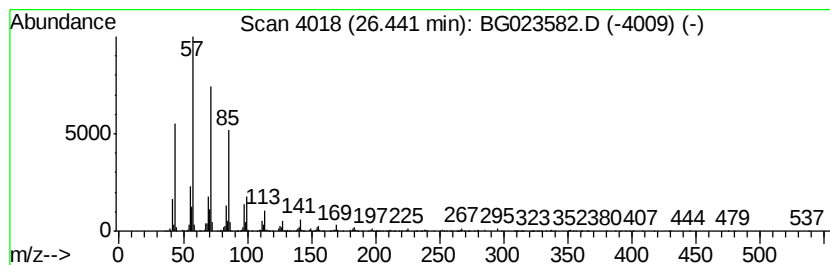
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Quant Title : SVOA CALIBRATION

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.
26.44	12.10 ng/ul	2363850	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Heptadecane	240	C17H36	000629-78-7	92
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023582.D
Acq On : 10 Aug 2016 7:34
Operator : UM/SJ
Sample : H4362-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0612-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	18.42	6.2	ng/ul	1210930	4	17.55	3896270	20.0
Octadecanoic acid	19.69	2.4	ng/ul	462469	4	17.55	3896270	20.0
Oxalic acid, hexa...	21.47	3.7	ng/ul	765976	5	21.86	4187810	20.0
(DEL) Alkane: Str...	24.25	16.5	ng/ul	3223970	6	25.27	3908270	20.0
(DEL) Alkane: Str...	26.44	12.1	ng/ul	2363850	6	25.27	3908270	20.0