

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024286.D
 Acq On : 12 Oct 2016 5:13
 Operator : UM/SJ
 Sample : H5113-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP57

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\SOM02.2-EPA-BG0100716.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	3.649	134	138	142	rVB4	37738	45849	0.82%	0.071%
2	4.265	241	243	246	rBV3	18294	21053	0.38%	0.033%
3	4.412	266	268	276	rVB8	26455	37741	0.67%	0.059%
4	5.599	466	470	473	rVB6	14947	19569	0.35%	0.030%
5	5.646	474	478	483	rVB8	9673	17810	0.32%	0.028%
6	5.717	489	490	495	rBV3	10719	14854	0.26%	0.023%
7	5.764	495	498	504	rVV8	8845	12963	0.23%	0.020%
8	5.905	517	522	528	rBV10	13290	29612	0.53%	0.046%
9	6.034	543	544	548	rBV4	12014	14459	0.26%	0.022%
10	6.275	581	585	588	rVB6	11991	16437	0.29%	0.026%
11	6.351	594	598	603	rVB7	8052	17025	0.30%	0.026%
12	6.486	616	621	623	rBV5	16615	23725	0.42%	0.037%
13	6.810	668	676	682	rBV9	9835	21373	0.38%	0.033%
14	7.209	739	744	746	rBV6	17856	22137	0.39%	0.034%
15	7.415	772	779	793	rVB	762378	1415914	25.24%	2.198%
16	7.603	803	811	821	rVB	541318	913360	16.28%	1.418%
17	7.814	840	847	857	rVB	725705	1259614	22.46%	1.956%
18	7.961	865	872	875	rVB9	9659	16809	0.30%	0.026%
19	8.020	875	882	884	rBV7	9101	19564	0.35%	0.030%
20	8.290	919	928	939	rVB	600744	1092749	19.48%	1.697%
21	8.978	1034	1045	1058	rVV2	948993	1684107	30.02%	2.615%
22	9.077	1058	1062	1067	rVB8	10544	13610	0.24%	0.021%
23	9.465	1119	1128	1135	rBV	747748	1355334	24.16%	2.104%
24	9.524	1135	1138	1144	rVB7	32644	41198	0.73%	0.064%
25	9.589	1146	1149	1159	rVB7	10725	23487	0.42%	0.036%
26	9.788	1175	1183	1184	rVB8	8865	16635	0.30%	0.026%
27	9.818	1184	1188	1196	rBV10	14114	39997	0.71%	0.062%
28	10.035	1220	1225	1232	rBV10	7582	18719	0.33%	0.029%
29	10.188	1242	1251	1261	rBV	671714	1210469	21.58%	1.879%
30	10.358	1277	1280	1285	rBV6	11710	15720	0.28%	0.024%
31	10.723	1334	1342	1351	rVB	967359	1775618	31.65%	2.757%
32	10.905	1369	1373	1377	rVB6	8668	14117	0.25%	0.022%
33	10.969	1381	1384	1386	rBV3	10541	14135	0.25%	0.022%
34	11.116	1401	1409	1421	rBV	820619	1548936	27.61%	2.405%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024286.D
 Acq On : 12 Oct 2016 5:13
 Operator : UM/SJ
 Sample : H5113-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP57

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\SOM02.2-EPA-BG0100716.M
 Title : SVOA CALIBRATION

35	11.246	1421	1431	1443	rBV	915474	1707229	30.44%	2.651%
36	11.616	1489	1494	1498	rVB5	10552	15142	0.27%	0.024%
37	11.868	1530	1537	1540	rVV7	10402	20620	0.37%	0.032%
38	12.144	1581	1584	1589	rVB7	10006	12494	0.22%	0.019%
39	12.280	1602	1607	1609	rBV5	8061	12906	0.23%	0.020%
40	12.673	1669	1674	1681	rVV5	22966	50930	0.91%	0.079%
41	12.885	1704	1710	1715	rBV9	9781	23810	0.42%	0.037%
42	13.273	1771	1776	1779	rBV5	10341	15629	0.28%	0.024%
43	13.502	1807	1815	1821	rBV9	17560	44307	0.79%	0.069%
44	13.772	1854	1861	1866	rBV2	39509	71144	1.27%	0.110%
45	13.825	1866	1870	1873	rVB6	9619	15419	0.27%	0.024%
46	13.872	1873	1878	1879	rBV5	10408	12946	0.23%	0.020%
47	14.301	1941	1951	1955	rVV	1903304	2927318	52.19%	4.545%
48	14.348	1955	1959	1970	rVB	1335603	1911850	34.08%	2.968%
49	14.524	1984	1989	1993	rBV7	11791	18367	0.33%	0.029%
50	14.606	1995	2003	2010	rBV	1876946	3147234	56.11%	4.886%
51	14.765	2024	2030	2035	rBV5	31048	53254	0.95%	0.083%
52	14.841	2038	2043	2045	rBV6	13904	15427	0.28%	0.024%
53	14.906	2045	2054	2063	rVB	1477478	2360608	42.08%	3.665%
54	15.065	2072	2081	2091	rBV	1066326	1758102	31.34%	2.730%
55	15.194	2099	2103	2108	rBV8	14008	24563	0.44%	0.038%
56	15.270	2108	2116	2122	rVV10	27747	59814	1.07%	0.093%
57	15.370	2128	2133	2141	rVB10	19573	37318	0.67%	0.058%
58	15.441	2141	2145	2149	rBV6	15037	21645	0.39%	0.034%
59	15.664	2177	2183	2186	rBV7	18955	33162	0.59%	0.051%
60	15.705	2186	2190	2196	rVB	101866	135270	2.41%	0.210%
61	15.770	2199	2201	2205	rVB5	14280	18267	0.33%	0.028%
62	15.893	2214	2222	2232	rVB	2667284	4297655	76.62%	6.673%
63	15.993	2232	2239	2248	rBV	1099572	1638388	29.21%	2.544%
64	16.122	2253	2261	2272	rBV6	54191	165537	2.95%	0.257%
65	16.204	2272	2275	2281	rVB8	16025	32032	0.57%	0.050%
66	16.263	2281	2285	2289	rBV5	15029	26384	0.47%	0.041%
67	16.328	2293	2296	2301	rBV7	14970	19555	0.35%	0.030%
68	16.569	2332	2337	2349	rBV	137239	265861	4.74%	0.413%
69	16.751	2365	2368	2372	rVB5	17707	23005	0.41%	0.036%
70	16.833	2380	2382	2390	rBV9	13850	23530	0.42%	0.037%
71	16.904	2392	2394	2402	rBV9	26708	48702	0.87%	0.076%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024286.D
 Acq On : 12 Oct 2016 5:13
 Operator : UM/SJ
 Sample : H5113-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP57

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\SOM02.2-EPA-BG0100716.M
 Title : SVOA CALIBRATION

72	16.980	2402	2407	2408	rBV5	12748	20272	0.36%	0.031%
73	17.074	2420	2423	2430	rBV8	16816	31640	0.56%	0.049%
74	17.139	2430	2434	2438	rBV6	16291	26412	0.47%	0.041%
75	17.356	2466	2471	2476	rVV	88780	127291	2.27%	0.198%
76	17.415	2476	2481	2487	rVB9	28539	70666	1.26%	0.110%
77	17.644	2510	2520	2528	rBV2	1866056	3027821	53.98%	4.701%
78	17.744	2529	2537	2548	rVB	3031439	4853073	86.52%	7.535%
79	17.891	2558	2562	2568	rBV9	15291	20777	0.37%	0.032%
80	17.985	2573	2578	2586	rBV9	35140	93591	1.67%	0.145%
81	18.096	2594	2597	2602	rVB4	33725	37843	0.67%	0.059%
82	18.367	2641	2643	2649	rBV6	12852	19353	0.35%	0.030%
83	18.431	2652	2654	2658	rBV4	10556	15736	0.28%	0.024%
84	18.496	2658	2665	2677	rBV	892209	1361515	24.27%	2.114%
85	18.913	2733	2736	2742	rBV8	18726	35815	0.64%	0.056%
86	19.148	2773	2776	2779	rBV4	16251	22188	0.40%	0.034%
87	19.177	2779	2781	2785	rVV5	22700	27705	0.49%	0.043%
88	19.224	2786	2789	2795	rVB7	35382	51207	0.91%	0.080%
89	19.642	2852	2860	2867	rBV5	67600	151901	2.71%	0.236%
90	19.753	2874	2879	2892	rBV	666256	1001986	17.86%	1.556%
91	19.906	2900	2905	2911	rBV4	53191	85138	1.52%	0.132%
92	20.012	2917	2923	2934	rVB	3665164	5609343	100.00%	8.709%
93	20.294	2966	2971	2974	rBV	244118	269358	4.80%	0.418%
94	20.329	2974	2977	2985	rVB	424913	485736	8.66%	0.754%
95	21.298	3140	3142	3146	rBV4	72655	89824	1.60%	0.139%
96	21.340	3146	3149	3154	rVB4	130358	146578	2.61%	0.228%
97	21.533	3176	3182	3191	rBV4	225372	378686	6.75%	0.588%
98	21.945	3244	3252	3260	rBV	1942728	3482868	62.09%	5.407%
99	25.153	3787	3798	3811	rVB3	1768443	5441795	97.01%	8.449%
100	25.394	3828	3839	3850	rVB2	1150313	3551964	63.32%	5.515%

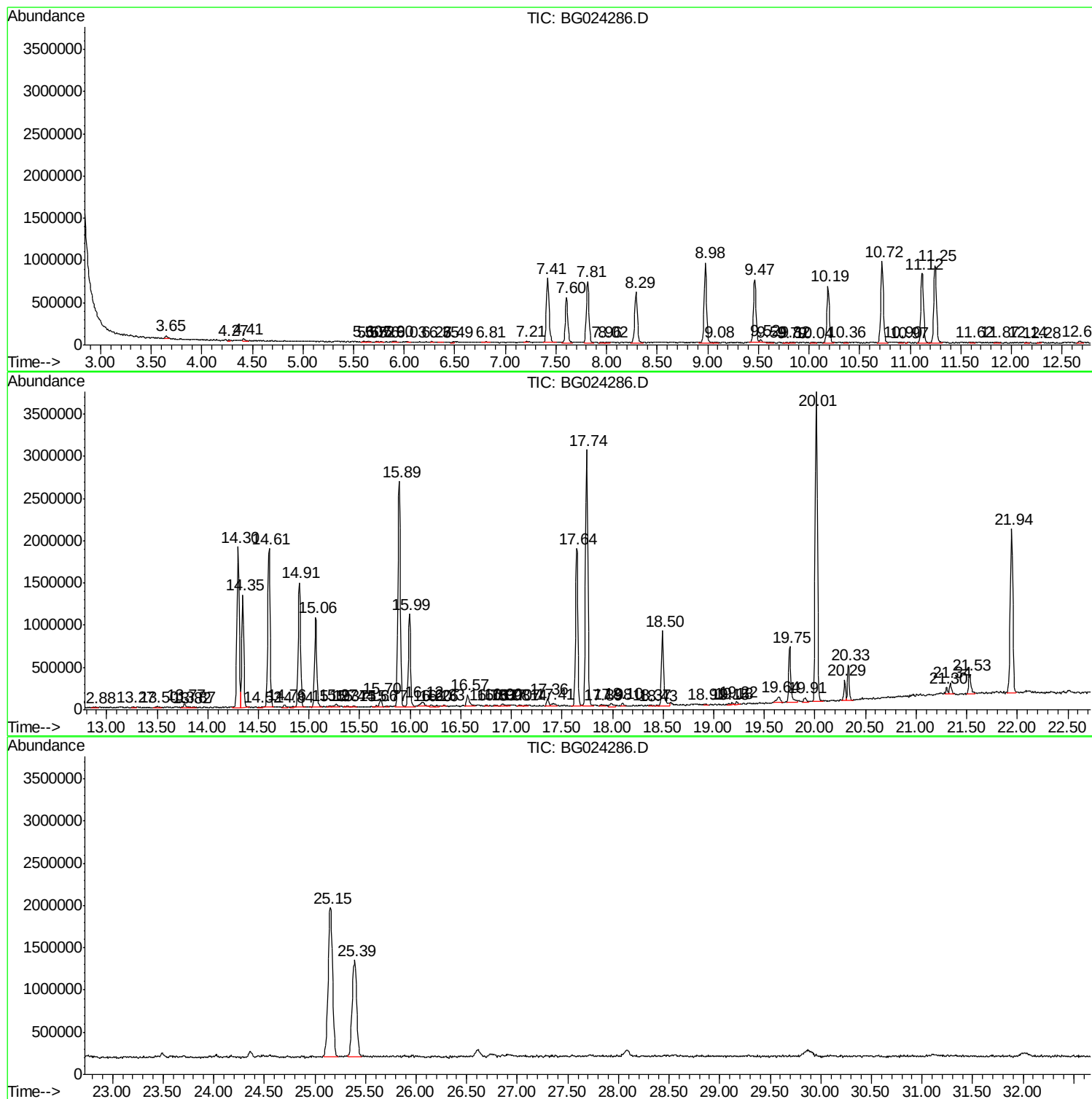
Sum of corrected areas: 64408205

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024286.D
Acq On : 12 Oct 2016 5:13
Operator : UM/SJ
Sample : H5113-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP57

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024286.D
Acq On : 12 Oct 2016 5:13
Operator : UM/SJ
Sample : H5113-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP57

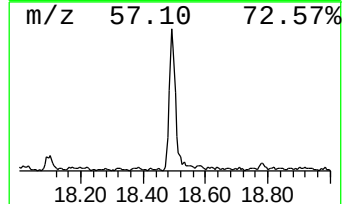
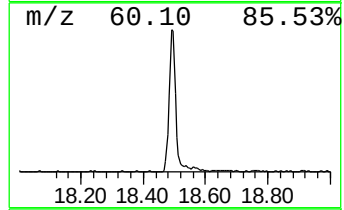
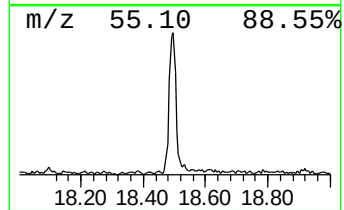
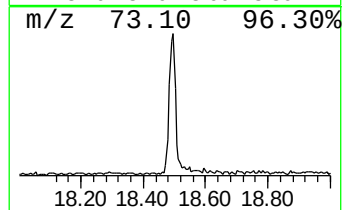
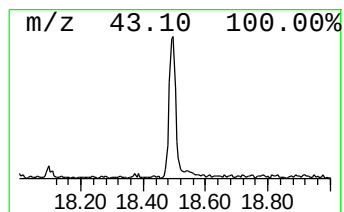
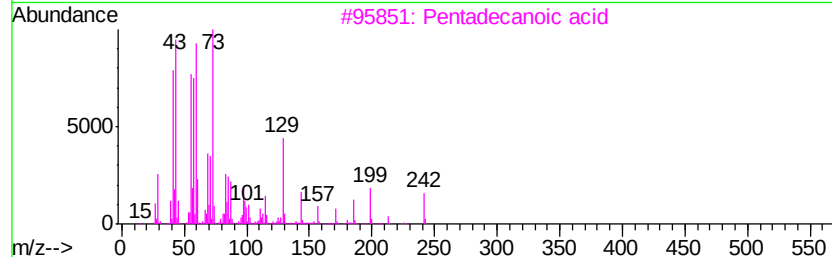
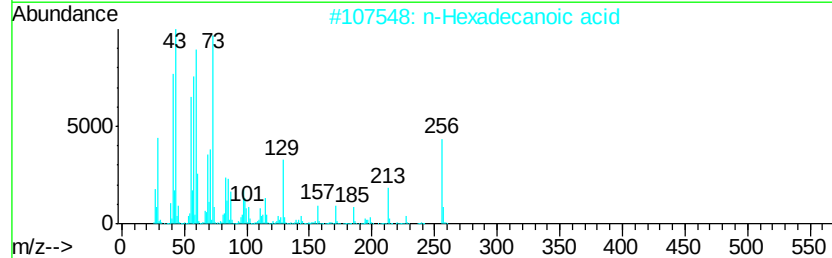
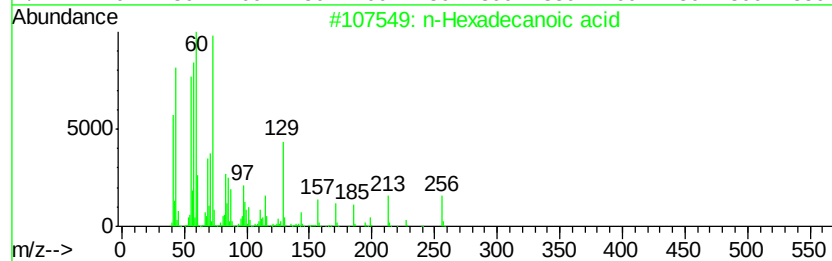
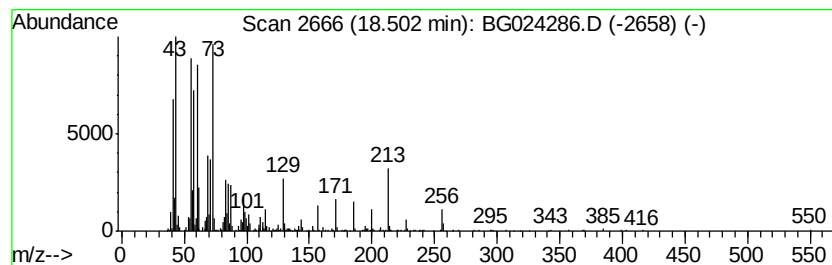
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	8.99 ng/ul	1361520	Phenanthrene-d10	17.64

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	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024286.D
Acq On : 12 Oct 2016 5:13
Operator : UM/SJ
Sample : H5113-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP57

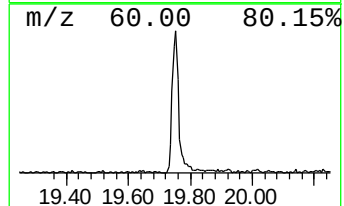
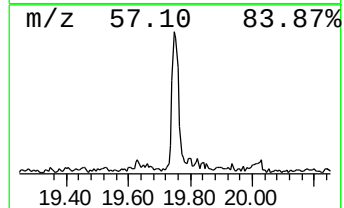
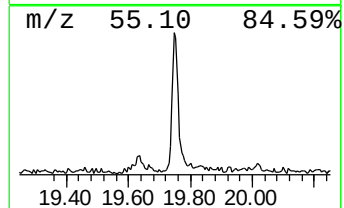
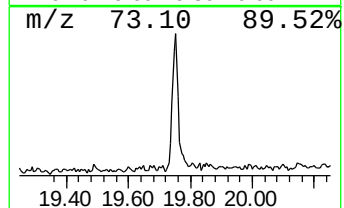
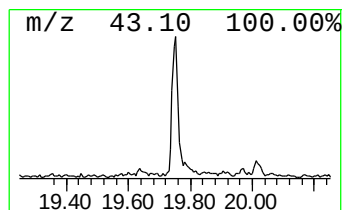
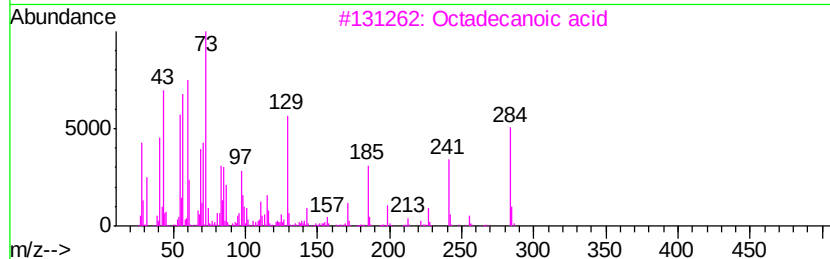
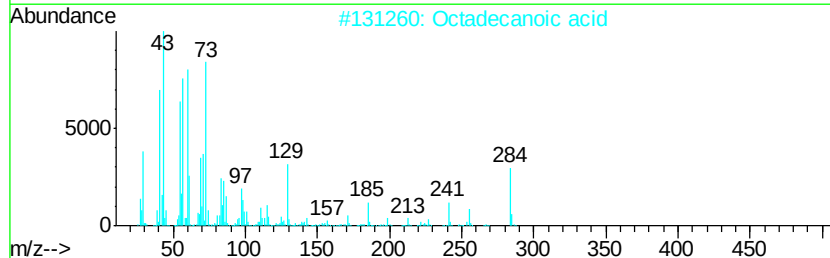
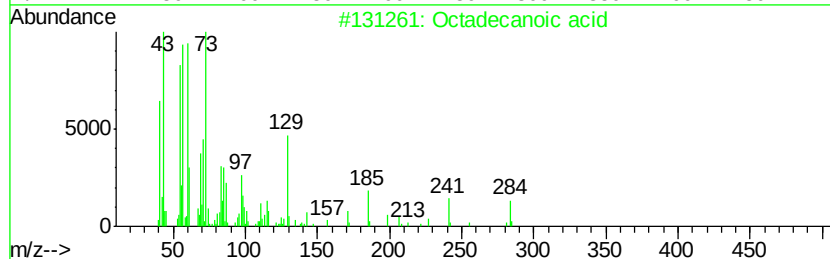
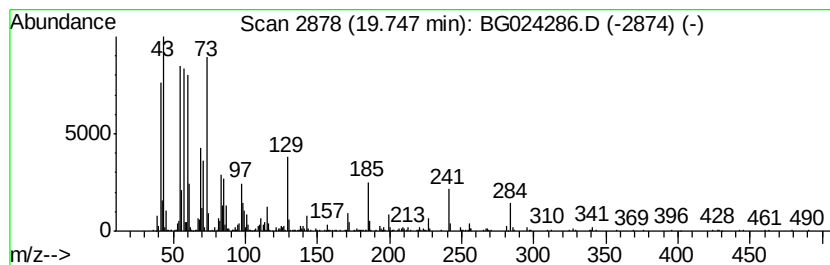
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	6.62 ng/ul	1001990	Phenanthrene-d10	17.64

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	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024286.D
Acq On : 12 Oct 2016 5:13
Operator : UM/SJ
Sample : H5113-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP57

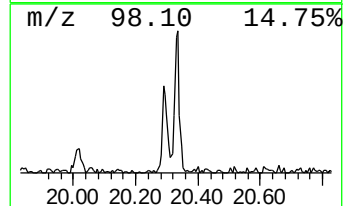
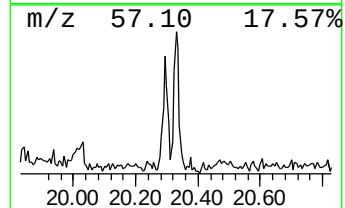
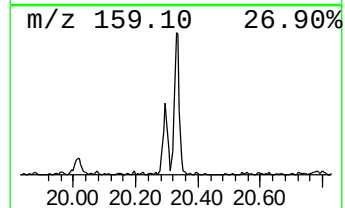
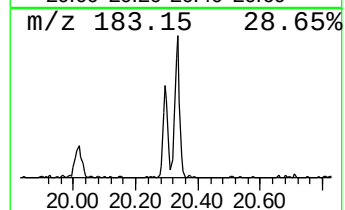
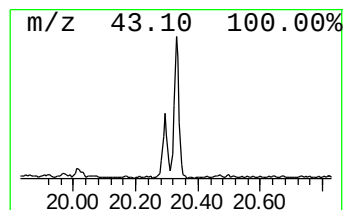
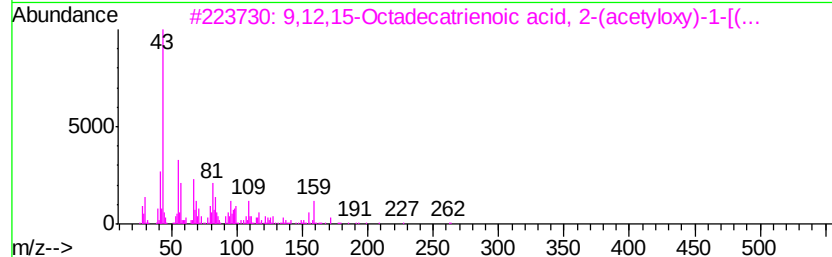
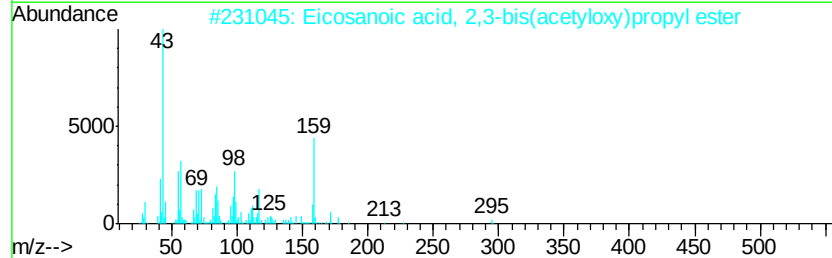
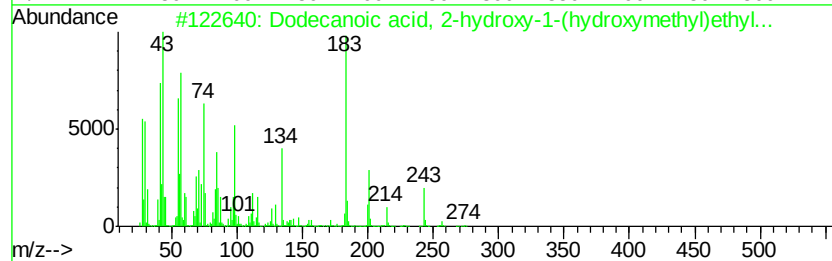
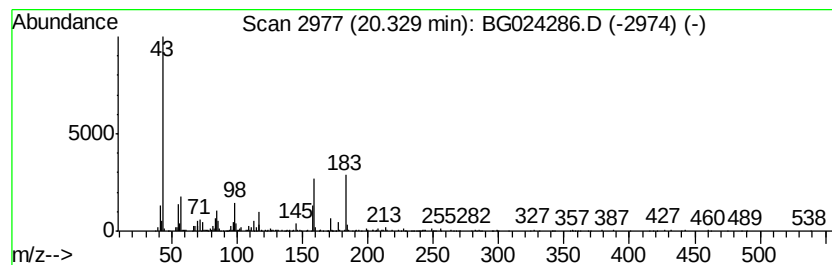
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	2.79 ng/ul	485736	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
2		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	32
3		9,12,15-Octadecatrienoic acid, 2...	436	C25H40O6	055320-01-9	17
4		Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	14
5		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024286.D
Acq On : 12 Oct 2016 5:13
Operator : UM/SJ
Sample : H5113-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP57

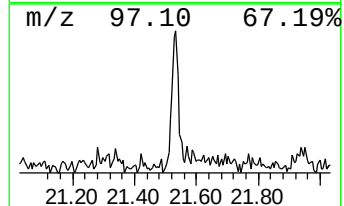
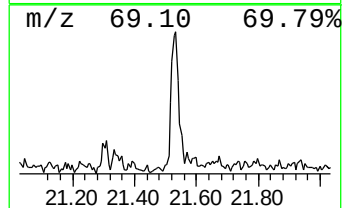
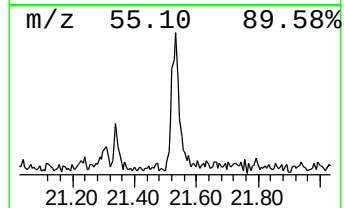
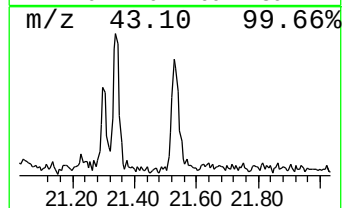
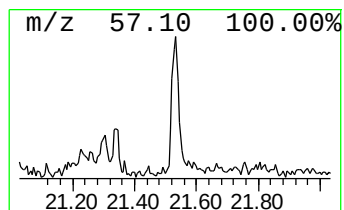
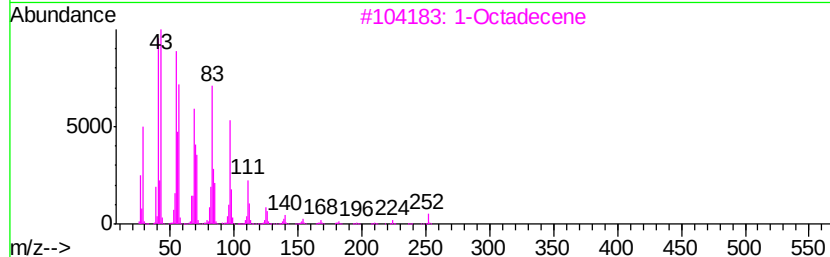
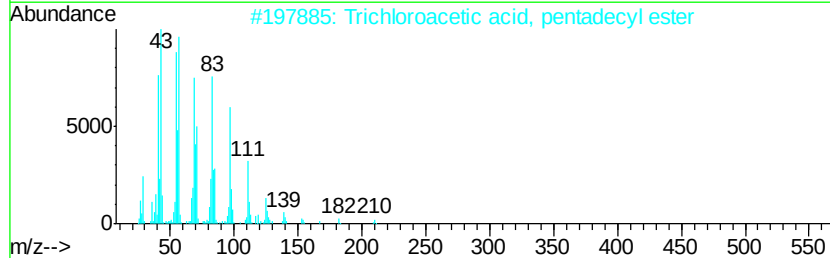
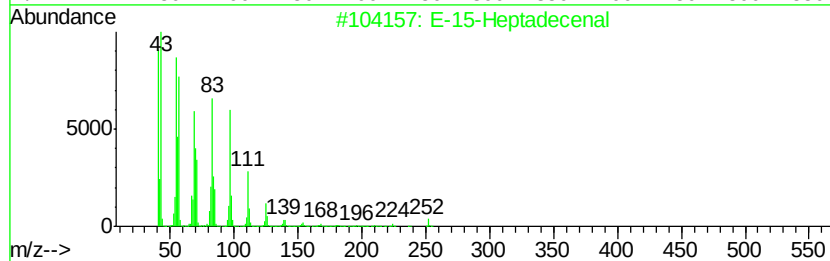
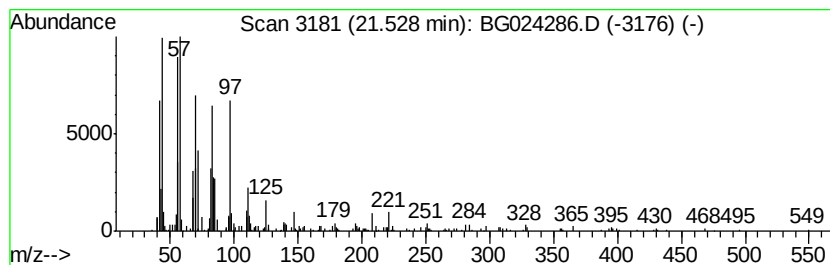
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.17 ng/ul	378686	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3		1-Octadecene	252	C18H36	000112-88-9	93
4		E-7-Octadecene	252	C18H36	1000130-92-0	89
5		17-Pentatriacontene	491	C35H70	006971-40-0	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101116\
Data File : BG024286.D
Acq On : 12 Oct 2016 5:13
Operator : UM/SJ
Sample : H5113-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP57

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	18.50	9.0	ng/ul	1361520	4	17.64	3027820	20.0
Octadecanoic acid	19.75	6.6	ng/ul	1001990	4	17.64	3027820	20.0
unknown-01	20.33	2.8	ng/ul	485736	5	21.94	3482870	20.0
E-15-Heptadecenal	21.53	2.2	ng/ul	378686	5	21.94	3482870	20.0