

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
 Data File : BG024285.D
 Acq On : 12 Oct 2016 4:35
 Operator : UM/SJ
 Sample : H5113-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP56

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	3.645	134	137	148	rVB4	53776	91294	1.53%	0.132%
2	3.927	182	185	193	rVB6	19313	36849	0.62%	0.053%
3	4.420	265	269	275	rVB6	28124	47367	0.79%	0.068%
4	4.579	293	296	300	rBV6	11022	16225	0.27%	0.023%
5	4.884	346	348	352	rBV4	9781	12623	0.21%	0.018%
6	5.037	371	374	383	rVB7	10614	25133	0.42%	0.036%
7	5.108	383	386	393	rBV8	12560	22587	0.38%	0.033%
8	5.360	423	429	437	rVB4	33541	70902	1.19%	0.102%
9	5.766	493	498	503	rBV8	14400	27870	0.47%	0.040%
10	5.889	514	519	533	rVB7	22324	54849	0.92%	0.079%
11	6.007	535	539	544	rBV6	12124	15089	0.25%	0.022%
12	6.341	589	596	602	rVB9	18670	46087	0.77%	0.066%
13	6.900	687	691	696	rBV6	12397	20661	0.35%	0.030%
14	7.141	729	732	739	rVB8	10470	20233	0.34%	0.029%
15	7.211	739	744	746	rBV6	15594	26609	0.45%	0.038%
16	7.417	771	779	790	rVB	962195	1723245	28.82%	2.484%
17	7.605	803	811	819	rBV	710482	1203308	20.13%	1.734%
18	7.816	837	847	858	rBV	890599	1625695	27.19%	2.343%
19	7.975	871	874	876	rBV4	10894	13211	0.22%	0.019%
20	8.292	919	928	939	rVB	755721	1345238	22.50%	1.939%
21	8.480	957	960	964	rBV6	8899	14856	0.25%	0.021%
22	8.521	964	967	970	rVV4	12712	14743	0.25%	0.021%
23	8.974	1036	1044	1057	rVB	1057939	1888625	31.59%	2.722%
24	9.467	1119	1128	1135	rBV	912234	1710733	28.61%	2.466%
25	9.514	1135	1136	1143	rVB5	29562	42639	0.71%	0.061%
26	9.608	1147	1152	1158	rVB10	8628	16513	0.28%	0.024%
27	9.826	1185	1189	1199	rVB9	13872	29061	0.49%	0.042%
28	10.190	1241	1251	1261	rBV2	786458	1480623	24.77%	2.134%
29	10.378	1281	1283	1289	rVB7	12151	18491	0.31%	0.027%
30	10.725	1333	1342	1350	rBV	1131169	2098867	35.11%	3.025%
31	10.777	1350	1351	1354	rVB3	14181	12688	0.21%	0.018%
32	11.118	1400	1409	1418	rBV	976560	1823591	30.50%	2.628%
33	11.248	1423	1431	1440	rBV	1063407	2025491	33.88%	2.919%
34	11.618	1489	1494	1495	rBV5	9134	12783	0.21%	0.018%

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35	11.800	1522	1525	1529	rVB4	10062	17473	0.29%	0.025%
36	11.853	1529	1534	1543	rBV4	18920	55663	0.93%	0.080%
37	12.687	1670	1676	1679	rVV6	23423	43603	0.73%	0.063%
38	12.904	1711	1713	1718	rVB5	7967	13103	0.22%	0.019%
39	13.057	1736	1739	1744	rBV5	13040	16797	0.28%	0.024%
40	13.263	1770	1774	1778	rVV5	19541	32722	0.55%	0.047%
41	13.310	1781	1782	1787	rVV5	9080	13979	0.23%	0.020%
42	13.363	1787	1791	1794	rVV5	13024	16955	0.28%	0.024%
43	13.410	1794	1799	1803	rVB7	8945	15220	0.25%	0.022%
44	13.510	1807	1816	1818	rBV8	17169	34888	0.58%	0.050%
45	13.774	1856	1861	1867	rBV4	36624	60499	1.01%	0.087%
46	14.074	1906	1912	1919	rVB6	17696	36118	0.60%	0.052%
47	14.297	1942	1950	1955	rBV	2033375	3173506	53.08%	4.574%
48	14.344	1955	1958	1966	rVB	1452377	2053960	34.35%	2.960%
49	14.456	1975	1977	1983	rBV5	7772	15010	0.25%	0.022%
50	14.602	1990	2002	2010	rBV	2202190	3495914	58.47%	5.039%
51	14.761	2021	2029	2034	rBV3	47384	74322	1.24%	0.107%
52	14.902	2046	2053	2061	rBV	1535742	2497266	41.77%	3.599%
53	14.967	2063	2064	2069	rVB4	13538	16969	0.28%	0.024%
54	15.067	2072	2081	2095	rVV	1141300	1868629	31.25%	2.693%
55	15.266	2110	2115	2120	rBV8	34885	57693	0.96%	0.083%
56	15.319	2121	2124	2129	rVV7	13858	22192	0.37%	0.032%
57	15.378	2129	2134	2139	rVB7	21322	37535	0.63%	0.054%
58	15.443	2140	2145	2150	rVV8	18700	23504	0.39%	0.034%
59	15.584	2165	2169	2172	rBV6	10820	17009	0.28%	0.025%
60	15.613	2172	2174	2178	rBV4	17421	20010	0.33%	0.029%
61	15.672	2181	2184	2186	rBV4	11174	18230	0.30%	0.026%
62	15.707	2186	2190	2196	rVB2	120806	164768	2.76%	0.237%
63	15.778	2196	2202	2204	rBV7	15274	33485	0.56%	0.048%
64	15.889	2214	2221	2229	rVB	2954976	4579450	76.60%	6.600%
65	15.995	2229	2239	2252	rBV	1062539	1715778	28.70%	2.473%
66	16.124	2252	2261	2271	rBV7	58527	193905	3.24%	0.279%
67	16.206	2273	2275	2279	rVB5	15983	13622	0.23%	0.020%
68	16.259	2281	2284	2290	rVB8	19983	37356	0.62%	0.054%
69	16.330	2291	2296	2300	rVB6	25715	38267	0.64%	0.055%
70	16.506	2323	2326	2331	rBV7	10635	19405	0.32%	0.028%
71	16.565	2331	2336	2349	rBV2	153168	288131	4.82%	0.415%

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72	16.847	2379	2384	2387	rBV7	19743	24670	0.41%	0.036%
73	16.917	2391	2396	2401	rVB3	19890	32759	0.55%	0.047%
74	16.970	2401	2405	2407	rBV5	16968	22282	0.37%	0.032%
75	17.064	2418	2421	2426	rBV7	20138	35276	0.59%	0.051%
76	17.141	2431	2434	2439	rBV7	13750	18660	0.31%	0.027%
77	17.358	2466	2471	2476	rBV3	87474	121206	2.03%	0.175%
78	17.411	2476	2480	2490	rVB10	37532	86311	1.44%	0.124%
79	17.499	2490	2495	2501	rBV9	23614	52633	0.88%	0.076%
80	17.646	2510	2520	2529	rBV2	1996169	3102622	51.89%	4.472%
81	17.746	2529	2537	2549	rVB2	3190955	5124883	85.72%	7.386%
82	17.981	2572	2577	2581	rBV7	24373	49260	0.82%	0.071%
83	18.098	2593	2597	2602	rVB6	34240	46742	0.78%	0.067%
84	18.292	2624	2630	2634	rBV8	13654	28609	0.48%	0.041%
85	18.374	2638	2644	2650	rBV8	35193	81665	1.37%	0.118%
86	18.433	2651	2654	2658	rVB6	34860	54074	0.90%	0.078%
87	18.492	2658	2664	2676	rBV2	828347	1205093	20.16%	1.737%
88	18.645	2688	2690	2692	rBV3	16073	16277	0.27%	0.023%
89	18.780	2711	2713	2721	rBV8	17801	40208	0.67%	0.058%
90	18.921	2732	2737	2743	rVB10	19631	27798	0.46%	0.040%
91	19.150	2772	2776	2778	rBV5	20485	27009	0.45%	0.039%
92	19.356	2806	2811	2815	rVB8	14822	25612	0.43%	0.037%
93	19.644	2850	2860	2871	rBV6	125566	355572	5.95%	0.512%
94	19.749	2873	2878	2890	rBV2	515251	715293	11.96%	1.031%
95	19.902	2901	2904	2912	rVB8	50902	95839	1.60%	0.138%
96	20.014	2916	2923	2937	rBV	3911538	5978691	100.00%	8.617%
97	21.530	3176	3181	3188	rBV2	445719	691820	11.57%	0.997%
98	21.947	3244	3252	3260	rBV	1958858	3613014	60.43%	5.207%
99	25.155	3786	3798	3813	rVB2	1856298	5656948	94.62%	8.153%
100	25.390	3827	3838	3851	rVB	1205662	3584550	59.96%	5.166%

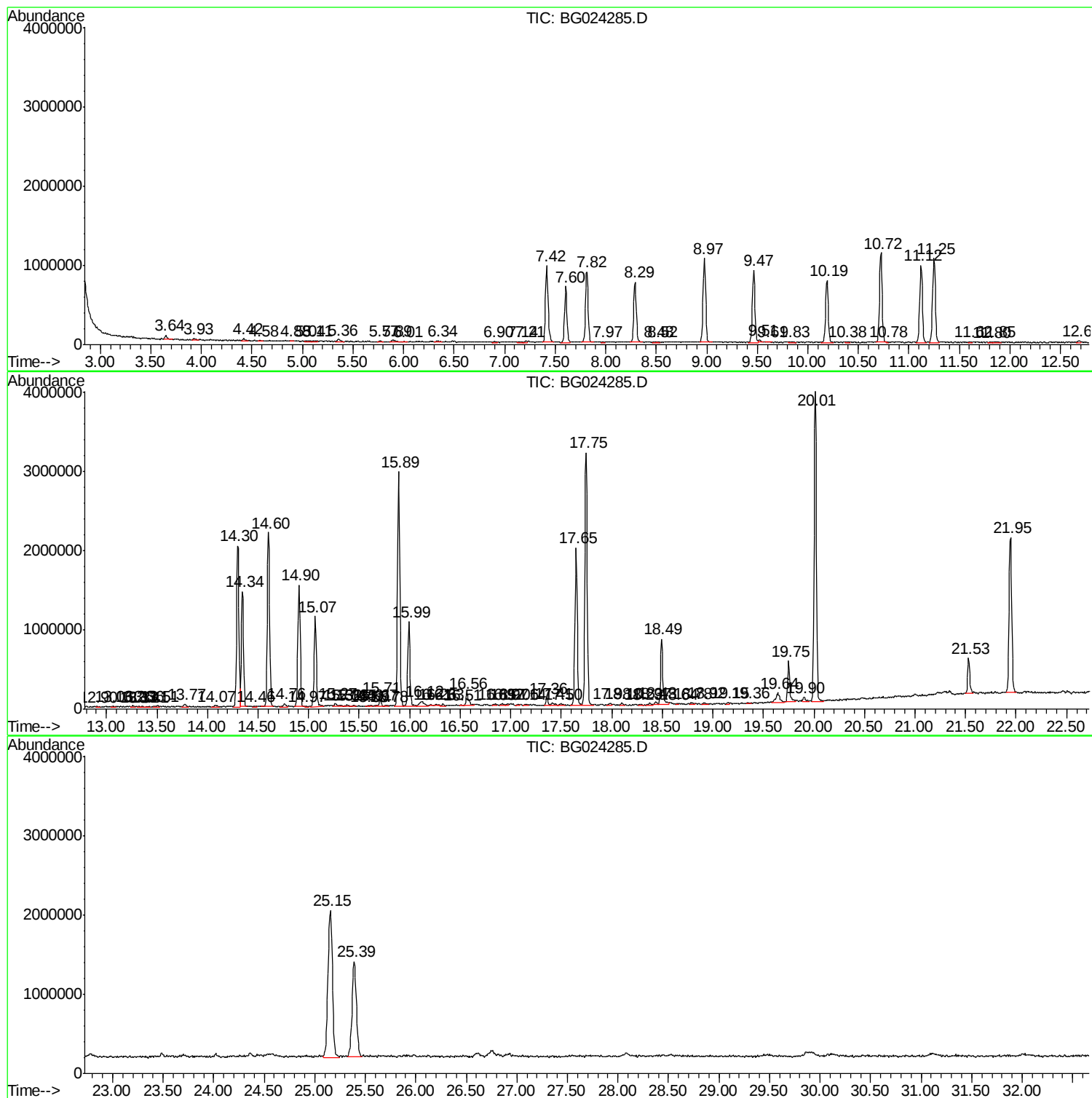
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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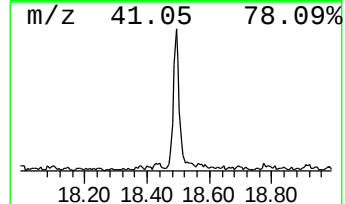
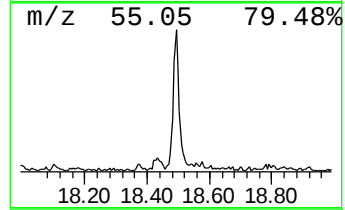
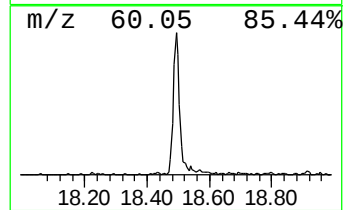
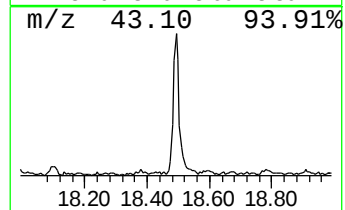
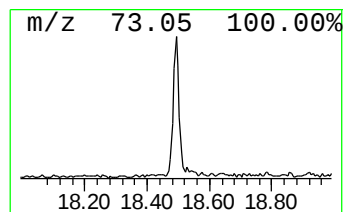
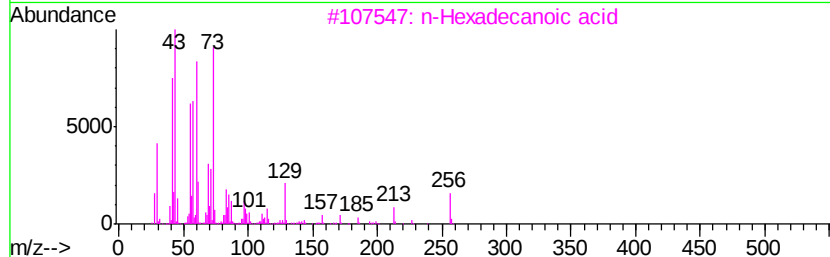
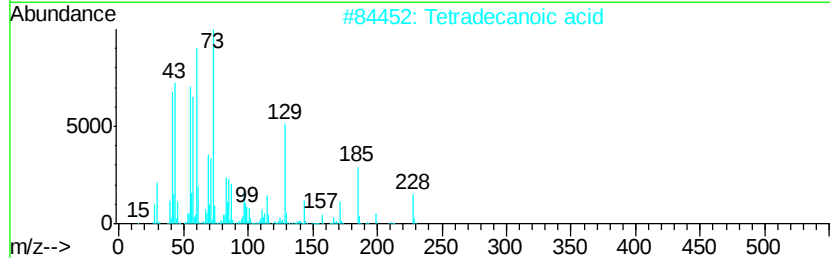
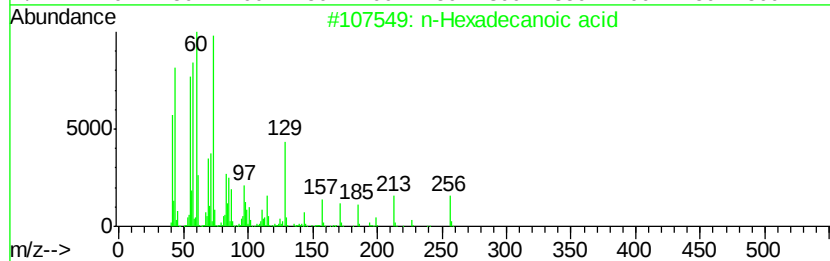
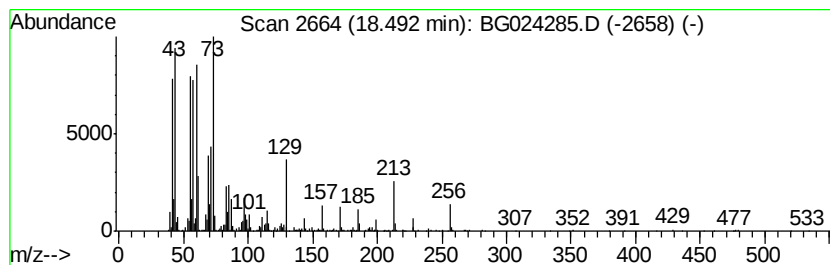
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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.
18.49	7.77 ng/ul	1205090	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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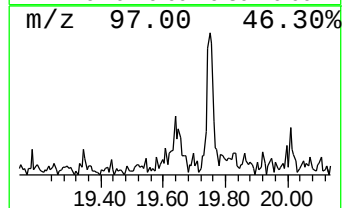
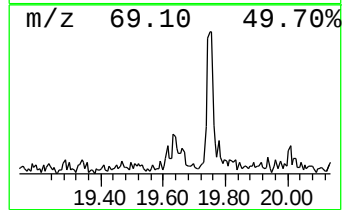
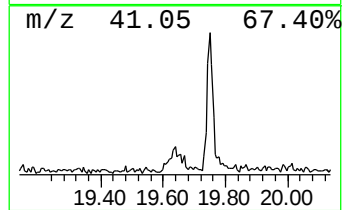
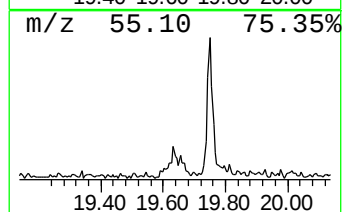
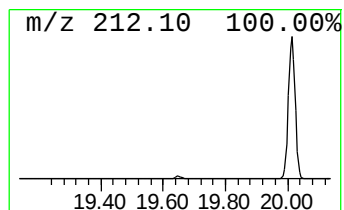
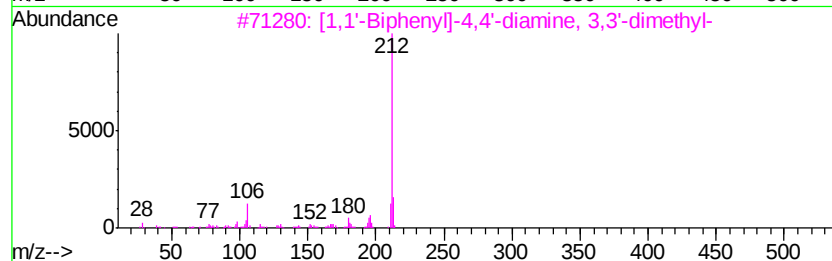
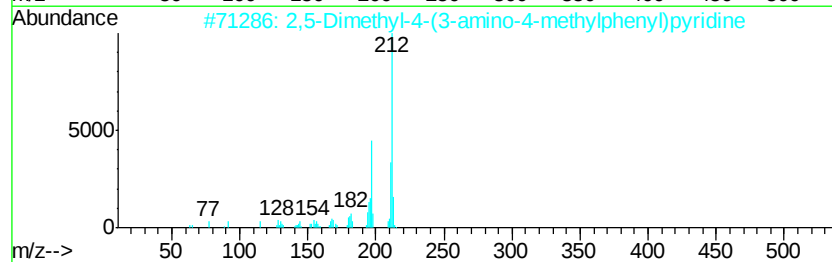
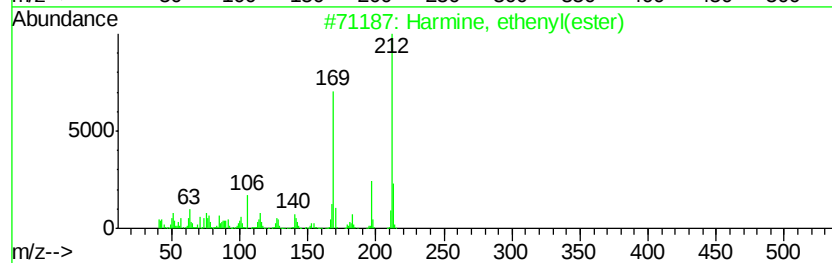
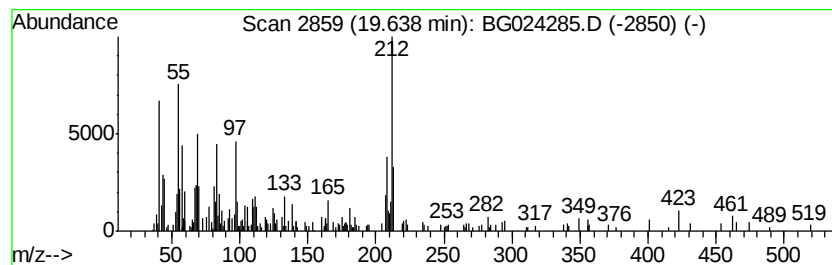
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.29 ng/ul	355572	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Harmine, ethenyl(ester)	212	C14H12O2	074797-84-5	49
2		2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	47
3		[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	46
4		[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	46
5		9H-Xanthen-9-one, 4-hydroxy-	212	C13H8O3	014686-63-6	46



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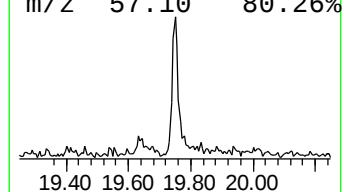
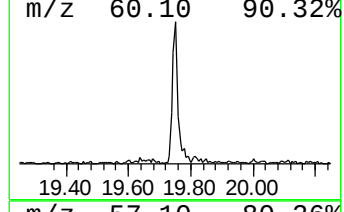
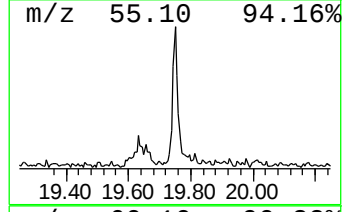
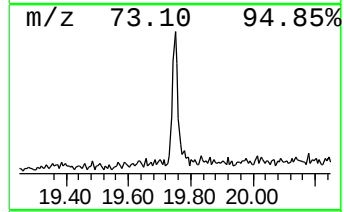
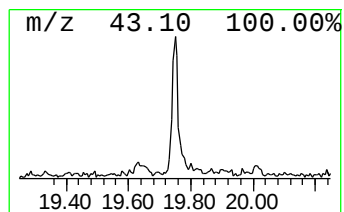
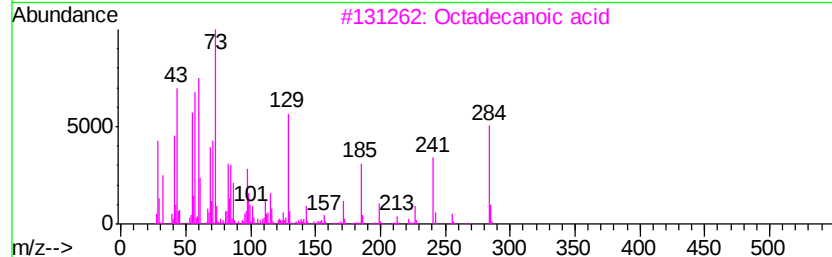
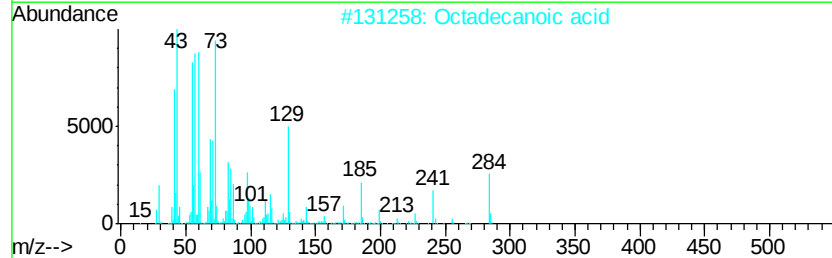
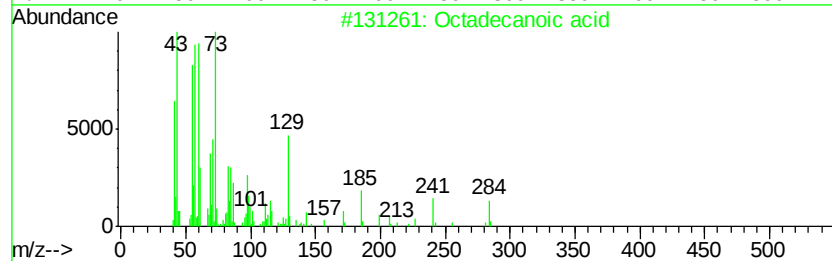
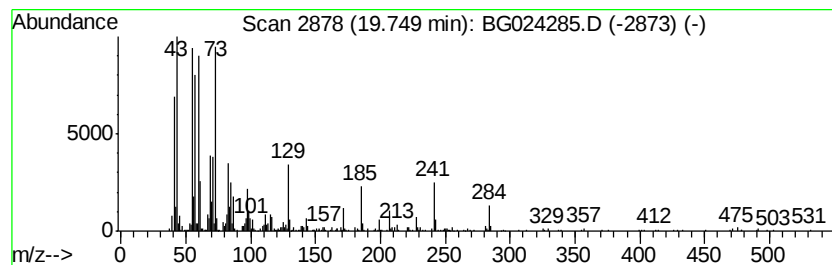
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	4.61 ng/ul	715293	Phenanthrene-d10	17.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	95
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024285.D
Acq On : 12 Oct 2016 4:35
Operator : UM/SJ
Sample : H5113-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP56

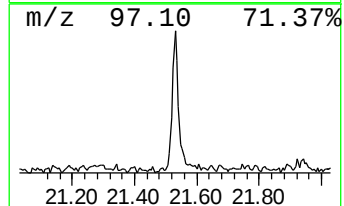
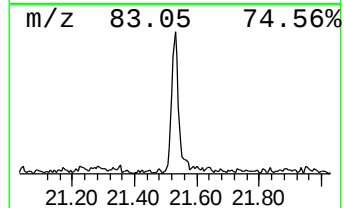
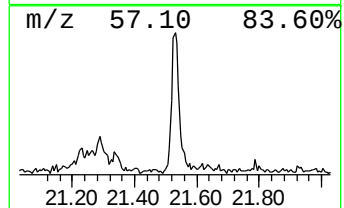
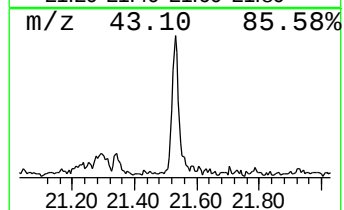
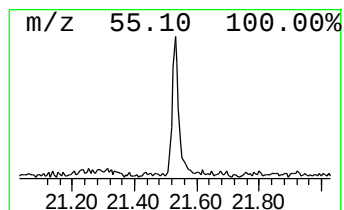
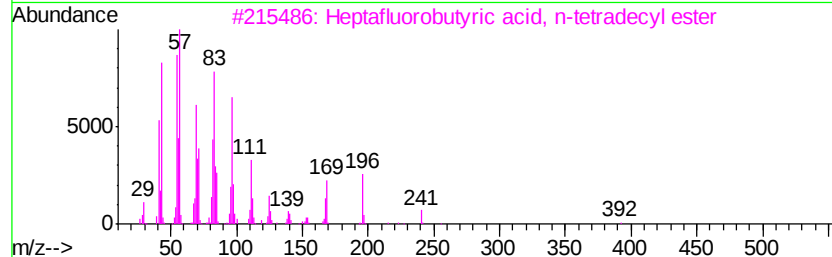
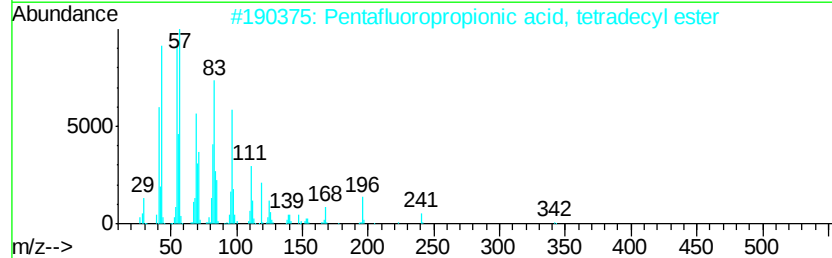
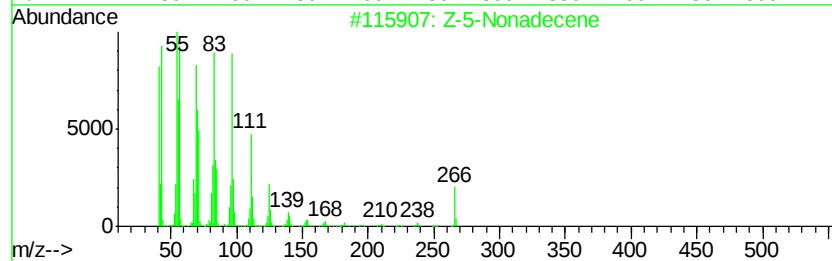
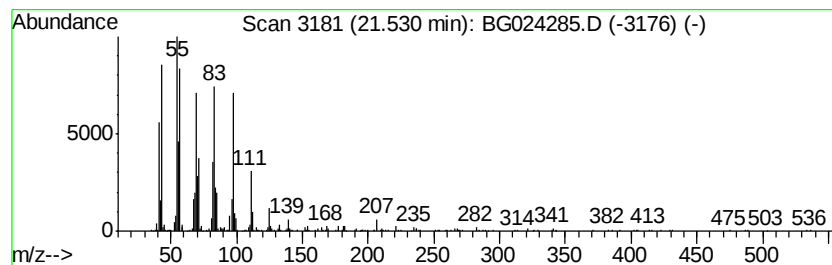
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	3.83 ng/ul	691820	Chrysene-d12	21.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-5-Nonadecene	266	C19H38	1000131-11-8	94
2		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4		Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91
5		Cyclopentadecane	210	C15H30	000295-48-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101116\
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Sample : H5113-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP56

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	18.49	7.8	ng/ul	1205090	4	17.65	3102620	20.0
unknown-01	19.64	2.3	ng/ul	355572	4	17.65	3102620	20.0
Octadecanoic acid	19.75	4.6	ng/ul	715293	4	17.65	3102620	20.0
(DEL) Alkane: Cyc...	21.53	3.8	ng/ul	691820	5	21.95	3613010	20.0