

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025123.D
 Acq On : 12 Dec 2016 20:45
 Operator : UM/SJ
 Sample : H5992-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P036-SS009-0612-03

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-BG113016.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	3.596	125	129	133	rVB4	19987	30726	1.00%	0.085%
2	4.130	217	220	227	rBV5	12047	21366	0.70%	0.059%
3	4.354	253	258	266	rBV8	7885	18646	0.61%	0.051%
4	4.847	338	342	346	rVB6	5836	9433	0.31%	0.026%
5	5.012	365	370	374	rBV7	7750	10280	0.34%	0.028%
6	5.194	397	401	405	rBV5	4481	9454	0.31%	0.026%
7	5.311	415	421	427	rVB6	10730	18637	0.61%	0.051%
8	6.081	549	552	555	rVB4	5558	6849	0.22%	0.019%
9	6.122	555	559	560	rBV3	6620	7125	0.23%	0.020%
10	6.480	618	620	628	rBV7	6443	13616	0.44%	0.038%
11	6.580	633	637	640	rVV5	5499	9249	0.30%	0.025%
12	6.610	640	642	646	rVV4	6329	7815	0.26%	0.022%
13	7.127	728	730	734	rBV3	5652	8086	0.26%	0.022%
14	7.385	763	774	792	rBV2	429573	918318	30.00%	2.530%
15	7.550	794	802	812	rBV	283453	487095	15.91%	1.342%
16	7.767	827	839	850	rBV	360683	695916	22.74%	1.917%
17	8.237	911	919	929	rBV	324650	602115	19.67%	1.659%
18	8.936	1029	1038	1051	rBV2	468171	887315	28.99%	2.444%
19	9.089	1060	1064	1066	rVB3	5665	8461	0.28%	0.023%
20	9.330	1104	1105	1112	rBV5	6095	10086	0.33%	0.028%
21	9.412	1112	1119	1130	rVV	419473	827016	27.02%	2.278%
22	9.489	1130	1132	1137	rVV5	7936	12807	0.42%	0.035%
23	9.530	1137	1139	1146	rVB7	5516	11682	0.38%	0.032%
24	9.747	1171	1176	1184	rVB8	10304	24550	0.80%	0.068%
25	9.865	1191	1196	1201	rVB5	4914	10199	0.33%	0.028%
26	10.141	1235	1243	1254	rBV2	389477	749409	24.48%	2.064%
27	10.376	1279	1283	1286	rBV4	6356	7193	0.24%	0.020%
28	10.681	1323	1335	1348	rBV	537090	1076871	35.18%	2.966%
29	10.899	1370	1372	1376	rBV2	7274	8487	0.28%	0.023%
30	11.063	1391	1400	1412	rBV	485666	948378	30.98%	2.613%
31	11.204	1414	1424	1440	rBV	440136	896234	29.28%	2.469%
32	11.386	1451	1455	1457	rBV4	5346	7556	0.25%	0.021%
33	11.686	1505	1506	1510	rBV4	6513	7781	0.25%	0.021%
34	11.992	1555	1558	1562	rBV2	5753	9861	0.32%	0.027%

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35	12.144	1576	1584	1585	rVB5	3422	7543	0.25%	0.021%
36	12.232	1596	1599	1602	rVB3	6274	6908	0.23%	0.019%
37	12.297	1607	1610	1614	rBV5	4883	9052	0.30%	0.025%
38	12.379	1620	1624	1626	rBV4	4865	8287	0.27%	0.023%
39	12.503	1642	1645	1648	rVV3	6515	8452	0.28%	0.023%
40	12.544	1648	1652	1655	rVB3	8124	9005	0.29%	0.025%
41	12.632	1656	1667	1673	rVB8	11170	25712	0.84%	0.071%
42	12.926	1713	1717	1722	rVB4	7108	10093	0.33%	0.028%
43	12.979	1722	1726	1729	rBV5	5896	8300	0.27%	0.023%
44	13.220	1766	1767	1774	rVV5	5449	7383	0.24%	0.020%
45	13.278	1774	1777	1782	rVB5	6421	7967	0.26%	0.022%
46	13.449	1802	1806	1809	rBV5	6217	8450	0.28%	0.023%
47	13.648	1836	1840	1844	rVB5	5582	10818	0.35%	0.030%
48	13.713	1848	1851	1854	rVV3	8218	8860	0.29%	0.024%
49	13.919	1883	1886	1890	rVB3	7237	12017	0.39%	0.033%
50	13.977	1890	1896	1897	rBV3	7397	13243	0.43%	0.036%
51	14.254	1934	1943	1947	rBV	1128286	1739420	56.83%	4.792%
52	14.295	1947	1950	1958	rVB	209372	331165	10.82%	0.912%
53	14.401	1966	1968	1972	rBV4	5485	9183	0.30%	0.025%
54	14.471	1972	1980	1982	rVV7	3671	8655	0.28%	0.024%
55	14.559	1986	1995	2012	rVB	1129847	1834774	59.94%	5.054%
56	14.706	2013	2020	2025	rVB7	13683	22346	0.73%	0.062%
57	14.859	2038	2046	2061	rBV	972174	1561501	51.02%	4.301%
58	15.059	2073	2080	2100	rBV2	429256	917921	29.99%	2.529%
59	15.223	2105	2108	2114	rBV6	12293	22575	0.74%	0.062%
60	15.599	2166	2172	2177	rBV6	12017	23929	0.78%	0.066%
61	15.646	2177	2180	2185	rVB	38841	51048	1.67%	0.141%
62	15.846	2206	2214	2225	rVB	1525441	2425533	79.24%	6.682%
63	15.963	2228	2234	2244	rBV	549422	910709	29.75%	2.509%
64	16.087	2251	2255	2261	rVB6	28651	35571	1.16%	0.098%
65	16.151	2263	2266	2269	rBV5	6705	10627	0.35%	0.029%
66	16.269	2283	2286	2293	rBV8	11046	23994	0.78%	0.066%
67	16.345	2293	2299	2305	rVV9	9528	19120	0.62%	0.053%
68	16.510	2321	2327	2339	rBV	64474	142128	4.64%	0.392%
69	16.727	2359	2364	2367	rBV7	8718	11755	0.38%	0.032%
70	16.798	2373	2376	2378	rVB4	9171	8946	0.29%	0.025%
71	16.833	2378	2382	2383	rBV4	8127	10073	0.33%	0.028%

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72	16.909	2393	2395	2397	rVB3	12438	6890	0.23%	0.019%
73	16.951	2397	2402	2410	rBV3	20716	42594	1.39%	0.117%
74	17.086	2419	2425	2427	rBV7	13045	22000	0.72%	0.061%
75	17.121	2427	2431	2437	rVB6	30072	53653	1.75%	0.148%
76	17.303	2455	2462	2467	rBV2	55294	96282	3.15%	0.265%
77	17.450	2484	2487	2489	rBV3	8954	11493	0.38%	0.032%
78	17.515	2495	2498	2502	rVB6	8712	13012	0.43%	0.036%
79	17.603	2506	2513	2523	rBV	1285745	2045440	66.83%	5.635%
80	17.703	2523	2530	2538	rVB2	1693690	2708996	88.51%	7.463%
81	17.961	2564	2574	2580	rBV2	18251	64731	2.11%	0.178%
82	18.037	2583	2587	2592	rVB4	15954	20823	0.68%	0.057%
83	18.108	2596	2599	2603	rBV6	6376	8767	0.29%	0.024%
84	18.184	2611	2612	2615	rBV3	9670	10370	0.34%	0.029%
85	18.325	2631	2636	2641	rVB7	17175	34376	1.12%	0.095%
86	18.443	2650	2656	2666	rBV2	321571	491574	16.06%	1.354%
87	18.519	2667	2669	2674	rVB4	18921	28193	0.92%	0.078%
88	18.854	2723	2726	2734	rVB10	20894	35863	1.17%	0.099%
89	19.183	2780	2782	2787	rVB6	14210	17974	0.59%	0.050%
90	19.307	2802	2803	2806	rBV3	17720	14431	0.47%	0.040%
91	19.700	2865	2870	2880	rBV2	146270	242776	7.93%	0.669%
92	19.976	2910	2917	2929	rBV	2003905	3060819	100.00%	8.432%
93	21.475	3168	3172	3188	rVB	89660	241744	7.90%	0.666%
94	21.898	3237	3244	3257	rVB	1329280	2395377	78.26%	6.599%
95	23.384	3493	3497	3506	rVB10	91269	181546	5.93%	0.500%
96	23.590	3527	3532	3541	rVB2	102863	208904	6.83%	0.575%
97	24.218	3635	3639	3650	rVB4	107548	243587	7.96%	0.671%
98	25.082	3775	3786	3799	rVB2	927156	2742658	89.61%	7.555%
99	25.317	3816	3826	3842	rVB3	718109	2243629	73.30%	6.181%
100	26.410	4006	4012	4022	rVB6	115181	351197	11.47%	0.967%

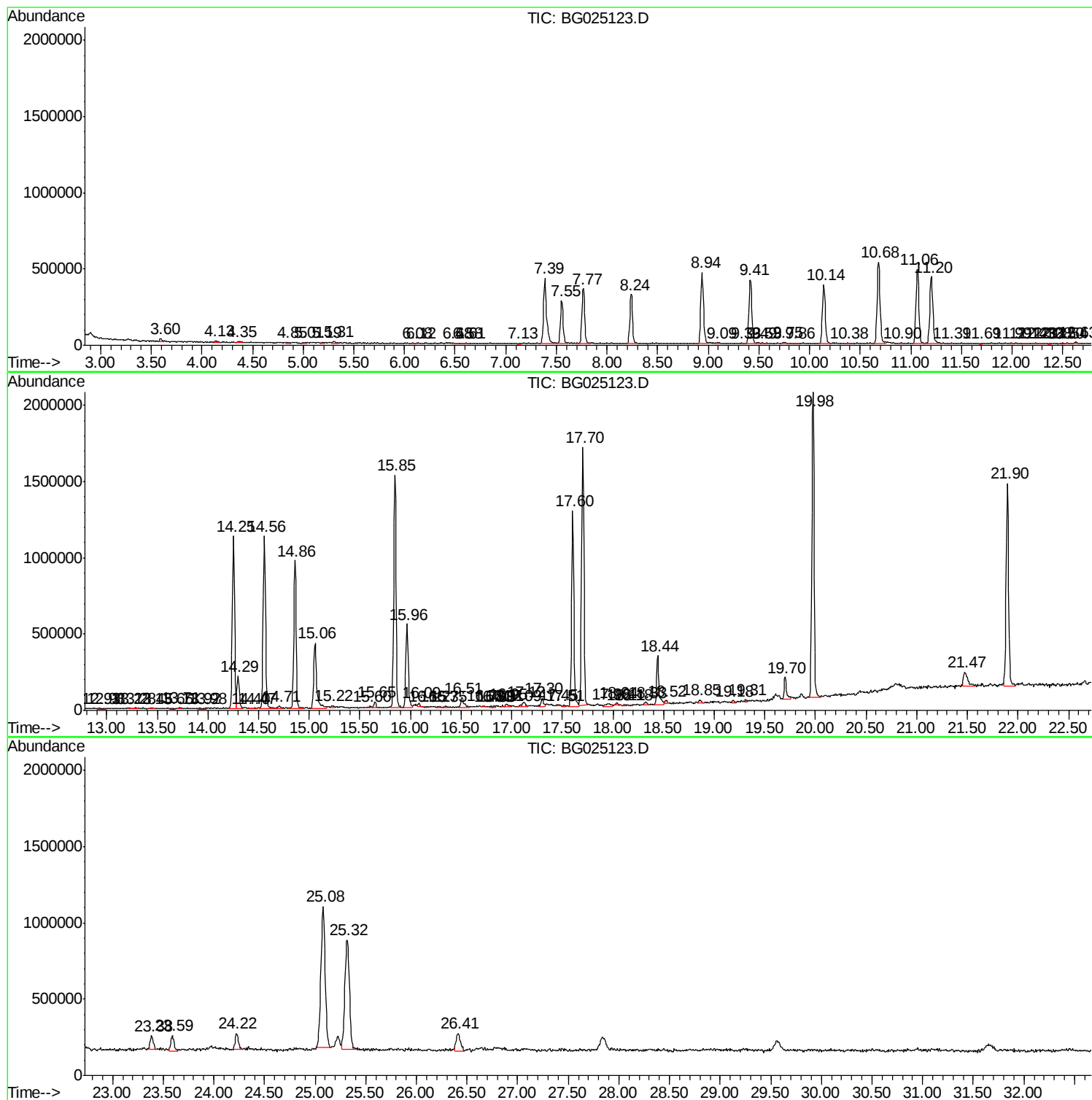
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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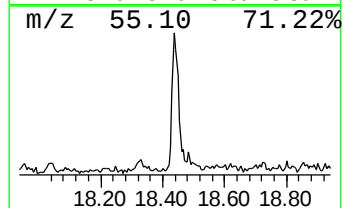
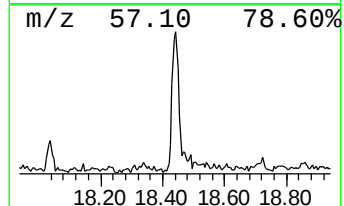
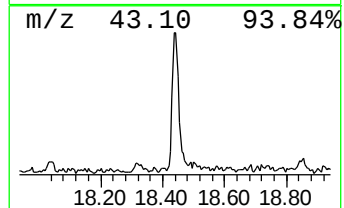
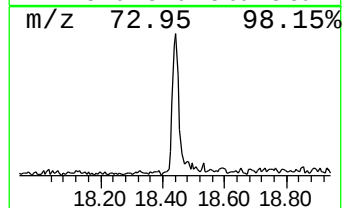
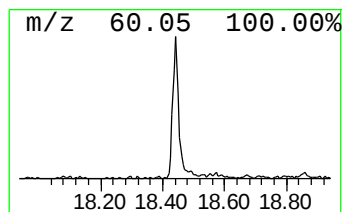
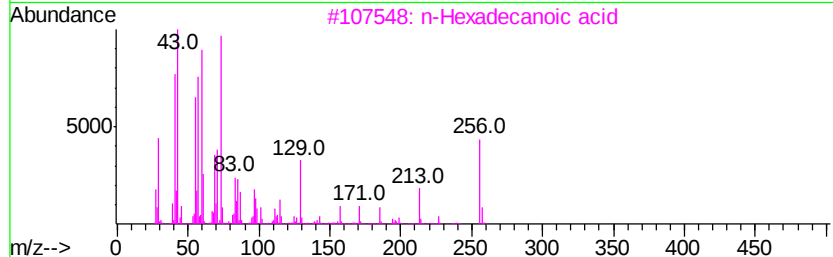
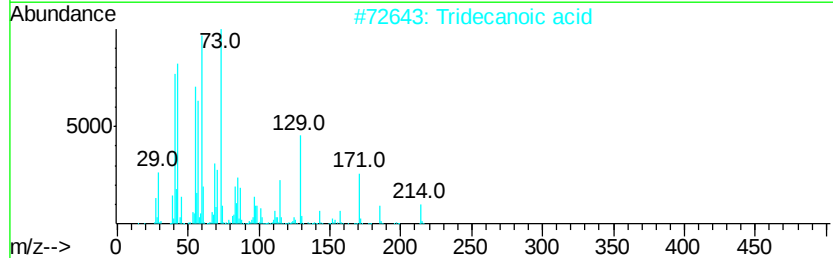
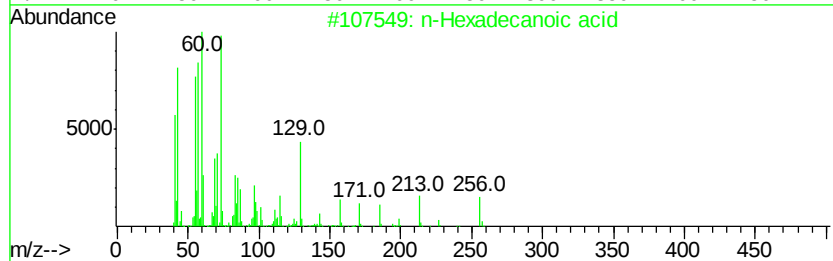
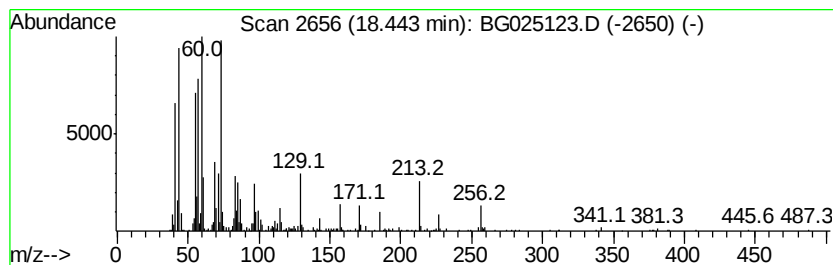
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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.
18.44	4.81 ng/ul	491574	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	76
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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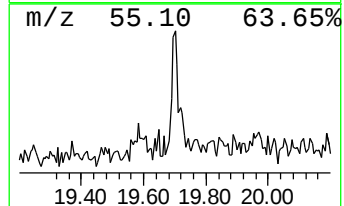
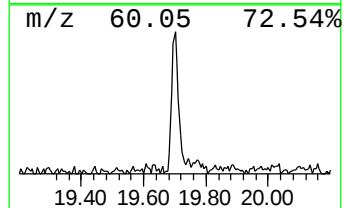
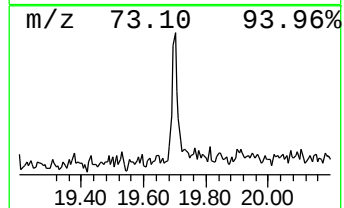
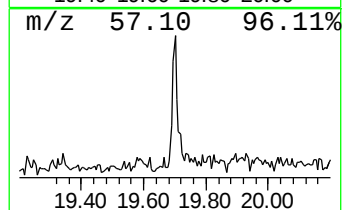
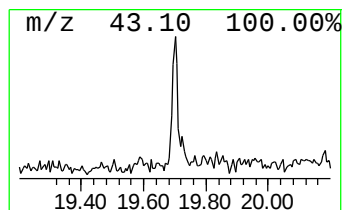
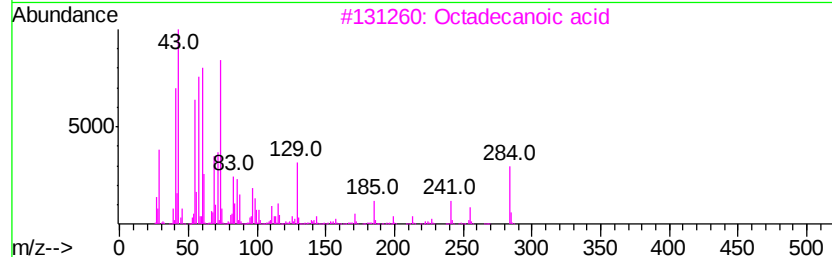
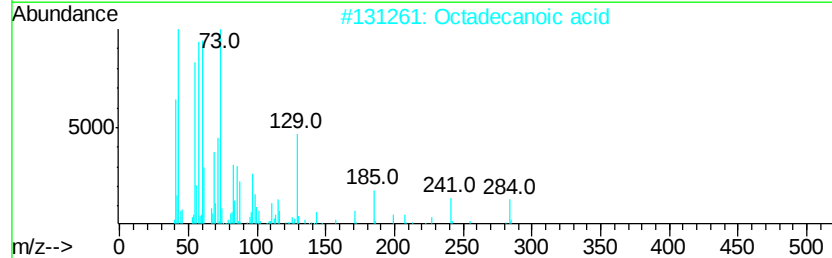
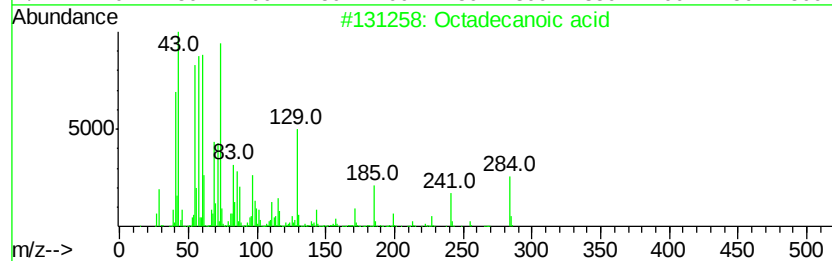
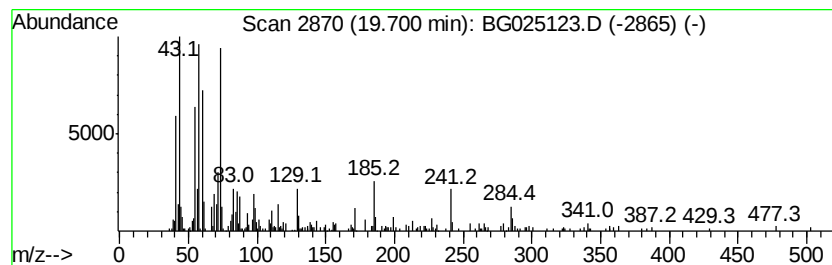
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.37 ng/ul	242776	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Octadecanoic acid	284	C18H36O2	000057-11-4	89
3		Octadecanoic acid	284	C18H36O2	000057-11-4	83
4		Undecanoic acid	186	C11H22O2	000112-37-8	78
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	60



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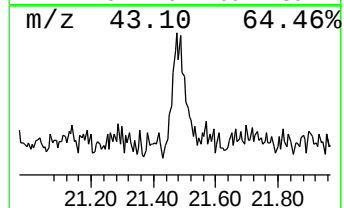
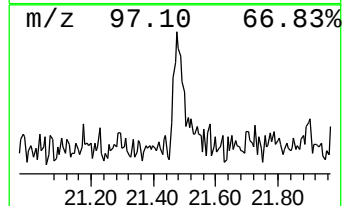
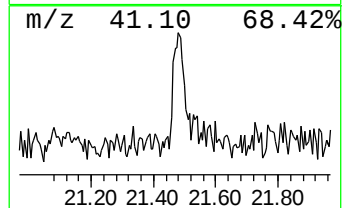
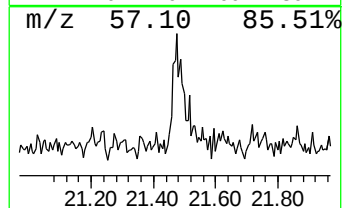
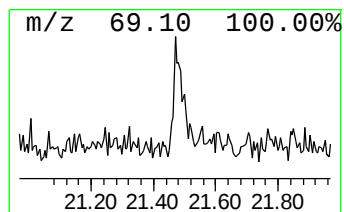
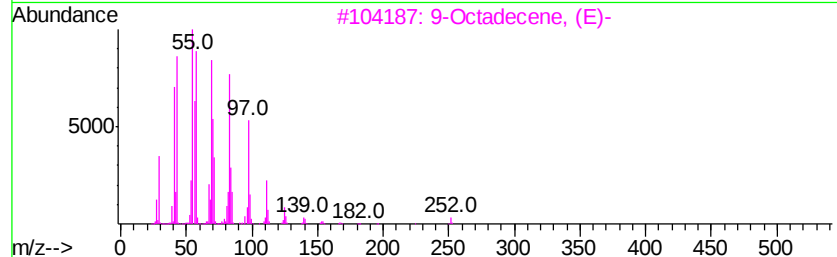
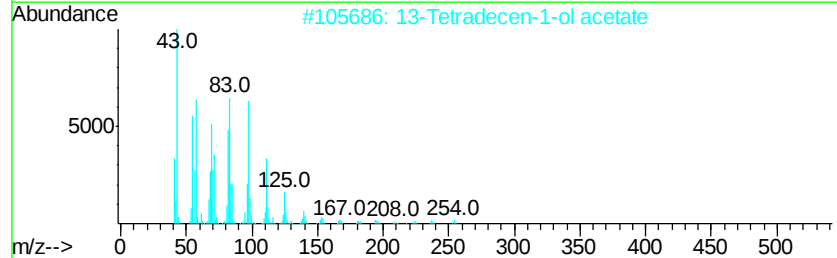
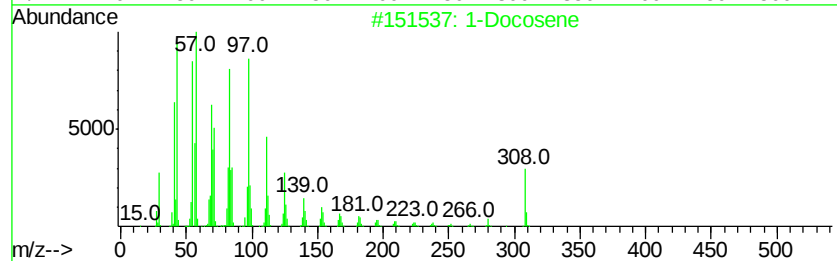
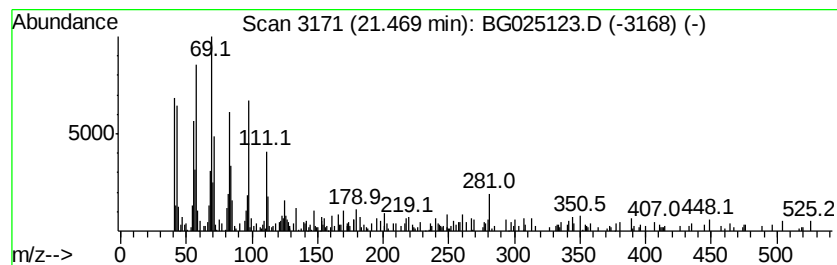
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic21.47 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.47	2.02 ng/ul	241744	Chrysene-d12	21.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	81
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	74
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	74
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	72
5	Disparlure	282	C19H38O	029804-22-6	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025123.D
Acq On : 12 Dec 2016 20:45
Operator : UM/SJ
Sample : H5992-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P036-SS009-0612-03

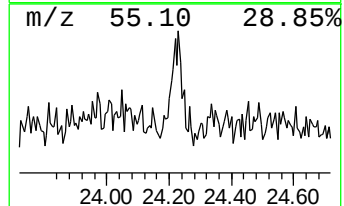
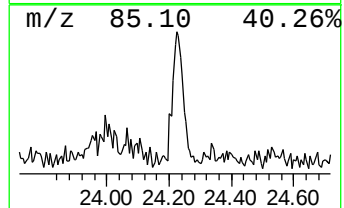
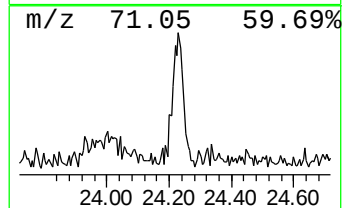
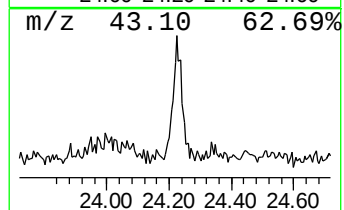
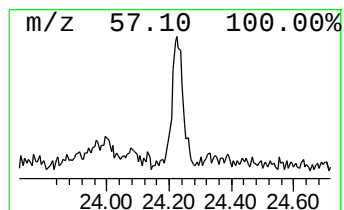
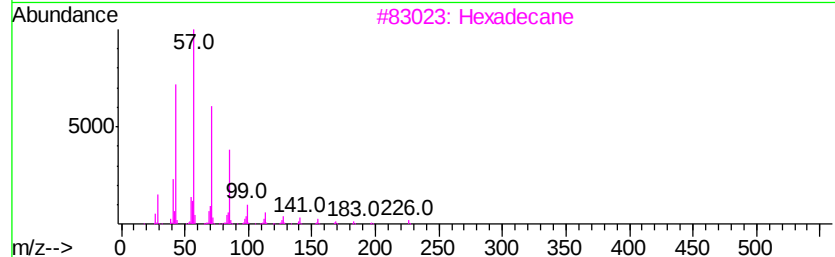
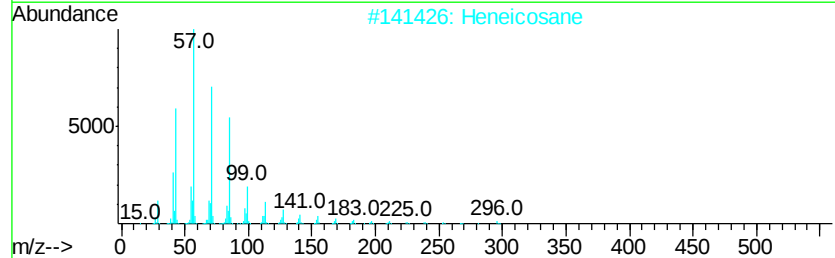
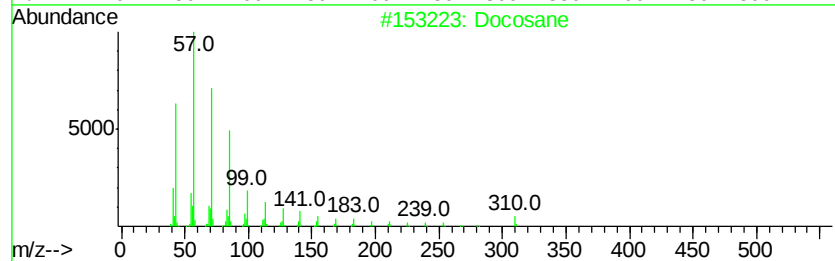
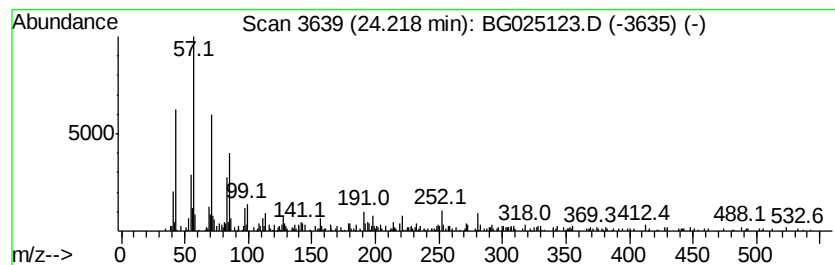
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	2.17 ng/ul	243587	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	93
2		Heneicosane	296	C21H44	000629-94-7	93
3		Hexadecane	226	C16H34	000544-76-3	92
4		Docosane	310	C22H46	000629-97-0	92
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025123.D
Acq On : 12 Dec 2016 20:45
Operator : UM/SJ
Sample : H5992-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P036-SS009-0612-03

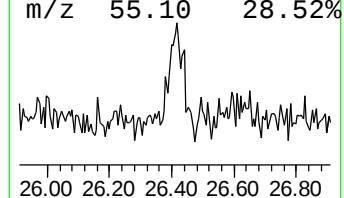
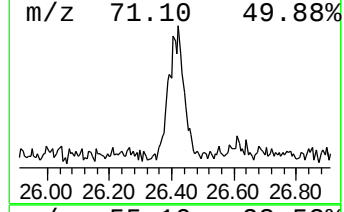
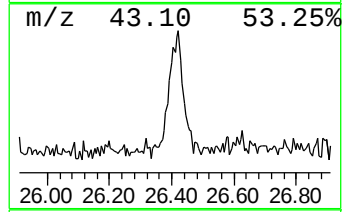
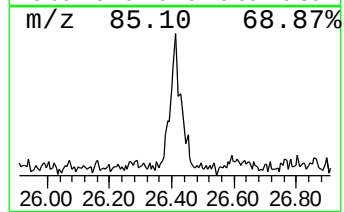
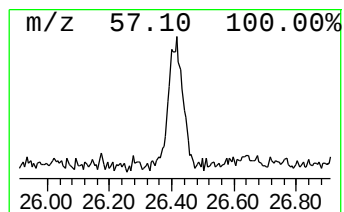
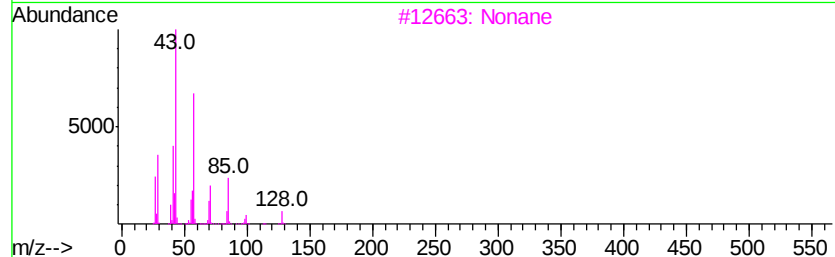
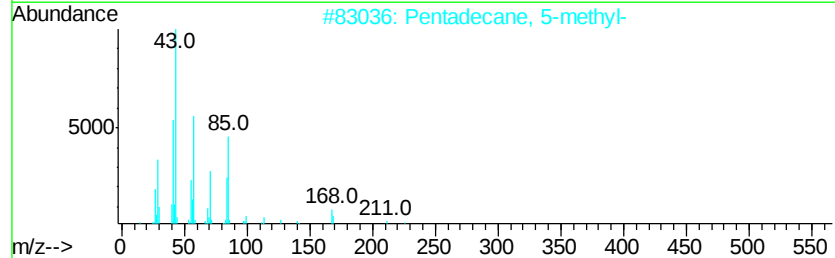
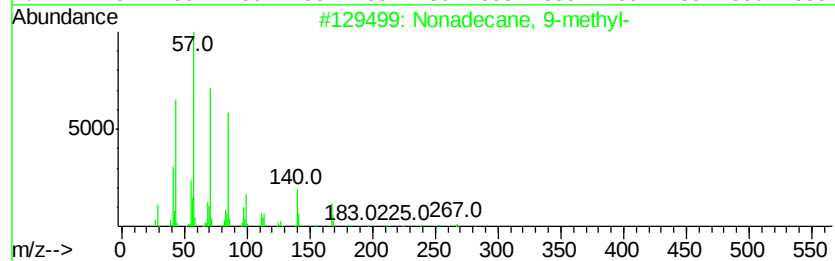
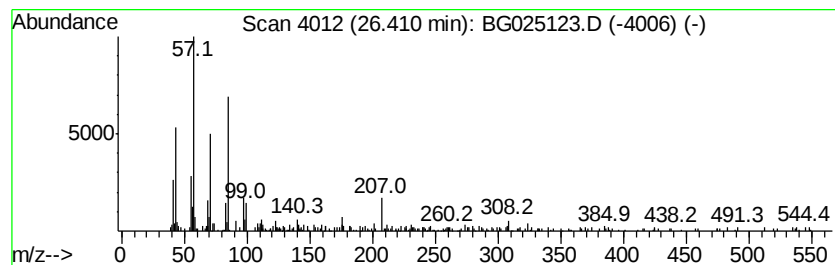
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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.
26.41	3.13 ng/ul	351197	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
2		Pentadecane, 5-methyl-	226	C16H34	025117-33-3	72
3		Nonane	128	C9H20	000111-84-2	64
4		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	64
5		Heneicosane	296	C21H44	000629-94-7	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025123.D
Acq On : 12 Dec 2016 20:45
Operator : UM/SJ
Sample : H5992-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P036-SS009-0612-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	18.44	4.8	ng/ul	491574	4	17.60	2045440	20.0
Octadecanoic acid	19.70	2.4	ng/ul	242776	4	17.60	2045440	20.0
(DEL) Alkane: Cyc...	21.47	2.0	ng/ul	241744	5	21.90	2395380	20.0
(DEL) Alkane: Str...	24.22	2.2	ng/ul	243587	6	25.32	2243630	20.0
(DEL) Alkane: Str...	26.41	3.1	ng/ul	351197	6	25.32	2243630	20.0