

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
 Data File : BG024403.D
 Acq On : 18 Oct 2016 3:58
 Operator : UM/SJ
 Sample : H5241-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNC7

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	3.644	132	137	145	rVB6	30968	57729	1.15%	0.091%
2	3.973	191	193	197	rBV4	12947	16989	0.34%	0.027%
3	4.420	264	269	274	rVB7	9053	16665	0.33%	0.026%
4	4.684	311	314	319	rVB5	11288	16365	0.33%	0.026%
5	4.755	323	326	332	rBV6	8415	16199	0.32%	0.025%
6	4.849	338	342	346	rVB7	11539	17300	0.35%	0.027%
7	4.890	346	349	351	rVB3	10565	12777	0.26%	0.020%
8	5.031	370	373	378	rVB7	10187	16063	0.32%	0.025%
9	5.084	378	382	386	rBV4	10529	18457	0.37%	0.029%
10	5.830	504	509	515	rBV7	10779	25857	0.52%	0.041%
11	6.465	611	617	621	rBV7	10018	24671	0.49%	0.039%
12	7.058	715	718	722	rBV4	8457	17125	0.34%	0.027%
13	7.411	770	778	790	rBV	593534	1154536	23.07%	1.813%
14	7.599	799	810	819	rBV	423891	730533	14.60%	1.147%
15	7.804	835	845	855	rBV	548416	1002695	20.04%	1.574%
16	8.075	884	891	893	rBV6	11191	18287	0.37%	0.029%
17	8.286	919	927	940	rBV	723662	1360945	27.20%	2.137%
18	8.809	1009	1016	1020	rBV8	8948	21310	0.43%	0.033%
19	8.968	1033	1043	1053	rVB2	775741	1372610	27.43%	2.155%
20	9.455	1117	1126	1133	rBV2	628604	1123934	22.46%	1.765%
21	9.520	1133	1137	1142	rVB8	23158	37571	0.75%	0.059%
22	9.802	1179	1185	1187	rBV6	11055	18865	0.38%	0.030%
23	10.060	1225	1229	1235	rVB6	11858	14133	0.28%	0.022%
24	10.184	1240	1250	1260	rBV2	555771	1036691	20.72%	1.628%
25	10.348	1276	1278	1283	rBV6	8702	16398	0.33%	0.026%
26	10.601	1318	1321	1326	rVB6	9748	14719	0.29%	0.023%
27	10.718	1332	1341	1348	rBV	768976	1461405	29.21%	2.295%
28	10.871	1361	1367	1370	rVB5	7458	14826	0.30%	0.023%
29	11.112	1399	1408	1418	rBV2	1125184	2093906	41.85%	3.288%
30	11.241	1422	1430	1438	rBV	685823	1327216	26.53%	2.084%
31	11.553	1476	1483	1487	rVB7	9287	16894	0.34%	0.027%
32	12.193	1585	1592	1593	rVB5	10749	19470	0.39%	0.031%
33	12.217	1593	1596	1599	rBV4	7634	13904	0.28%	0.022%
34	12.281	1605	1607	1615	rVB7	10313	20501	0.41%	0.032%

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35	12.540	1649	1651	1656	rVB6	9388	13741	0.27%	0.022%
36	12.675	1669	1674	1679	rBV6	20119	34752	0.69%	0.055%
37	13.251	1764	1772	1775	rBV8	23365	40955	0.82%	0.064%
38	13.486	1808	1812	1818	rBV8	16300	25400	0.51%	0.040%
39	13.686	1842	1846	1849	rVB4	11223	15460	0.31%	0.024%
40	13.762	1853	1859	1865	rVB3	41445	73992	1.48%	0.116%
41	14.085	1911	1914	1921	rVB6	18220	23486	0.47%	0.037%
42	14.291	1936	1949	1953	rVV	1672025	2534962	50.66%	3.980%
43	14.338	1953	1957	1964	rVB	821215	1190108	23.79%	1.869%
44	14.438	1973	1974	1981	rBV6	8180	13195	0.26%	0.021%
45	14.596	1993	2001	2008	rBV	1748865	2754824	55.06%	4.325%
46	14.755	2021	2028	2033	rBV6	18711	32705	0.65%	0.051%
47	14.896	2045	2052	2061	rVB	2030131	3347255	66.90%	5.256%
48	15.060	2072	2080	2094	rVV	853920	1405213	28.08%	2.206%
49	15.196	2100	2103	2108	rVB7	12054	17180	0.34%	0.027%
50	15.254	2108	2113	2118	rBV9	21371	40800	0.82%	0.064%
51	15.307	2119	2122	2128	rVB7	15227	20708	0.41%	0.033%
52	15.372	2128	2133	2137	rVB8	14477	25162	0.50%	0.040%
53	15.583	2164	2169	2171	rBV5	8473	12800	0.26%	0.020%
54	15.660	2177	2182	2183	rBV4	15737	18269	0.37%	0.029%
55	15.695	2183	2188	2194	rVB3	68565	103331	2.07%	0.162%
56	15.801	2202	2206	2212	rVB2	54089	85302	1.70%	0.134%
57	15.883	2212	2220	2228	rVB	2326235	3681184	73.57%	5.780%
58	15.989	2230	2238	2248	rBV	810053	1275718	25.50%	2.003%
59	16.124	2251	2261	2269	rVB	38945	105658	2.11%	0.166%
60	16.247	2279	2282	2285	rBV5	16458	21407	0.43%	0.034%
61	16.318	2290	2294	2300	rVB7	13935	26301	0.53%	0.041%
62	16.388	2301	2306	2312	rVB10	13151	28928	0.58%	0.045%
63	16.453	2312	2317	2320	rBV7	13031	22652	0.45%	0.036%
64	16.559	2330	2335	2346	rBV3	90016	172601	3.45%	0.271%
65	16.664	2350	2353	2358	rBV7	9297	13579	0.27%	0.021%
66	16.841	2377	2383	2388	rBV10	22671	49773	0.99%	0.078%
67	16.988	2405	2408	2415	rVV9	21398	39507	0.79%	0.062%
68	17.046	2415	2418	2423	rVB3	59714	80536	1.61%	0.126%
69	17.305	2459	2462	2465	rBV5	8336	12317	0.25%	0.019%
70	17.358	2465	2471	2476	rBV2	200453	347794	6.95%	0.546%
71	17.493	2493	2494	2501	rVB7	12865	20929	0.42%	0.033%

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72	17.640	2511	2519	2528	rBV2	2529272	4130266	82.55%	6.485%
73	17.740	2528	2536	2549	rVB	2478756	3916486	78.27%	6.149%
74	17.904	2557	2564	2567	rBV9	15180	31035	0.62%	0.049%
75	17.981	2571	2577	2592	rBV	1017085	1609641	32.17%	2.527%
76	18.086	2592	2595	2598	rVV5	32067	48938	0.98%	0.077%
77	18.122	2598	2601	2605	rVB4	38195	49978	1.00%	0.078%
78	18.351	2635	2640	2646	rBV10	25198	57473	1.15%	0.090%
79	18.480	2656	2662	2674	rBV2	498363	761803	15.23%	1.196%
80	18.768	2707	2711	2717	rBV9	18227	43556	0.87%	0.068%
81	18.903	2731	2734	2739	rVB6	31703	44713	0.89%	0.070%
82	19.044	2753	2758	2765	rVB9	38761	69891	1.40%	0.110%
83	19.332	2803	2807	2823	rBV4	191546	370167	7.40%	0.581%
84	19.637	2850	2859	2865	rVB4	69007	185015	3.70%	0.290%
85	19.737	2871	2876	2885	rBV	343621	491155	9.82%	0.771%
86	19.831	2889	2892	2896	rVB4	36948	45695	0.91%	0.072%
87	19.902	2899	2904	2910	rVB6	37507	66126	1.32%	0.104%
88	20.008	2916	2922	2934	rVB	2935627	4472757	89.39%	7.023%
89	20.143	2944	2945	2948	rBV2	25979	24626	0.49%	0.039%
90	20.519	3006	3009	3014	rVB4	48385	61826	1.24%	0.097%
91	21.523	3175	3180	3193	rBV3	216025	435087	8.70%	0.683%
92	21.935	3242	3250	3260	rVB	2657736	4742070	94.77%	7.446%
93	22.640	3367	3370	3378	rVB8	49583	98672	1.97%	0.155%
94	23.474	3508	3512	3520	rVB8	98353	188328	3.76%	0.296%
95	23.686	3541	3548	3555	rVB3	217687	434045	8.67%	0.682%
96	24.332	3653	3658	3667	rVB5	95109	217767	4.35%	0.342%
97	25.143	3784	3796	3812	rVB2	1402778	4330497	86.55%	6.799%
98	25.378	3824	3836	3850	rVB3	1497835	5003601	100.00%	7.856%
99	26.565	4030	4038	4050	rVB5	145984	435847	8.71%	0.684%
100	28.039	4281	4289	4303	rVB9	125039	446227	8.92%	0.701%

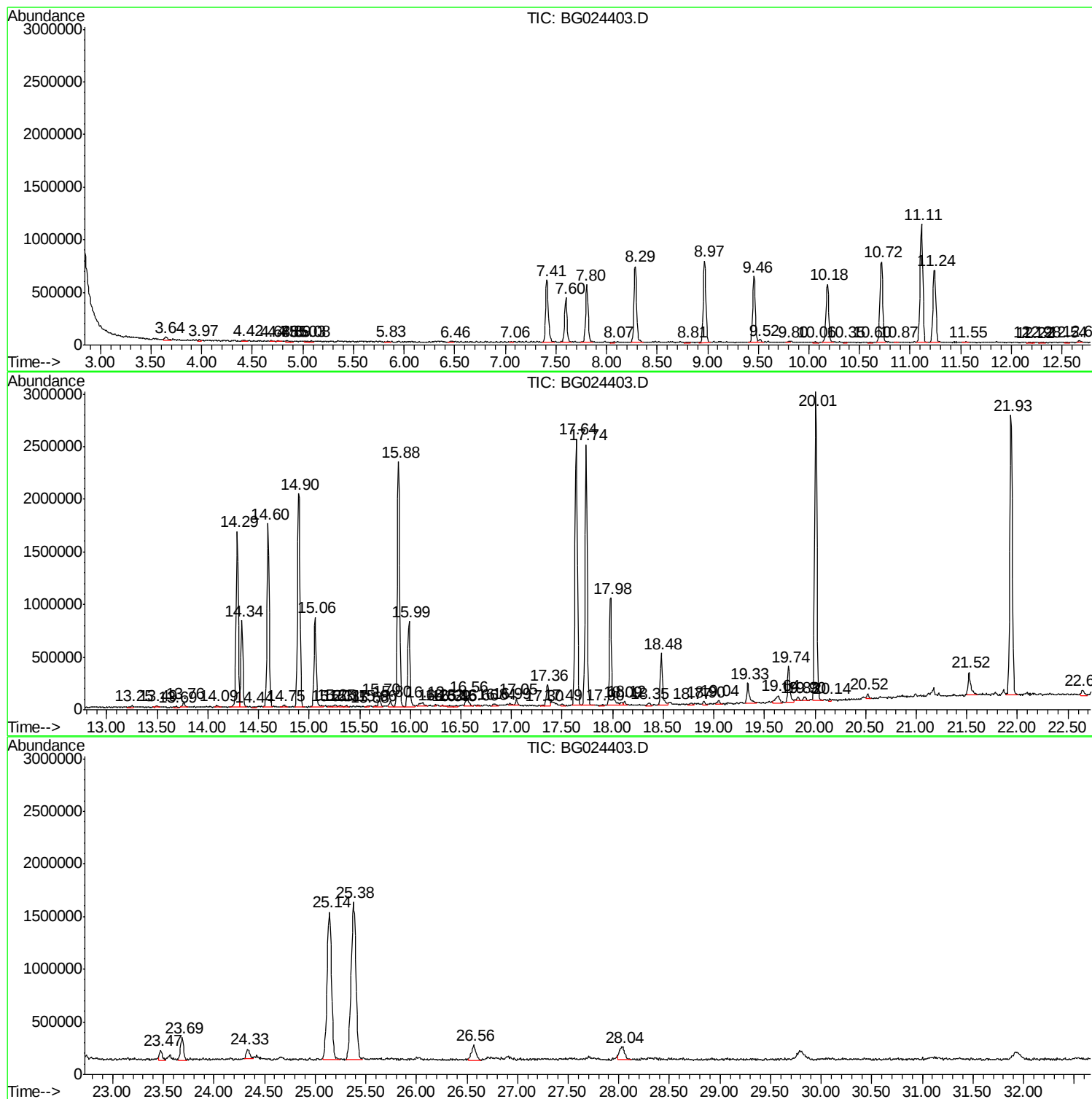
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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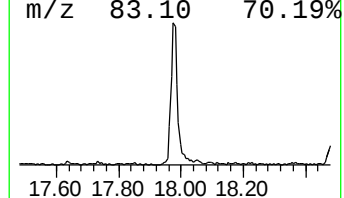
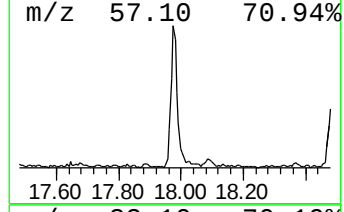
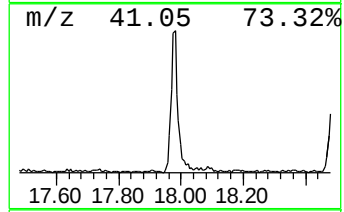
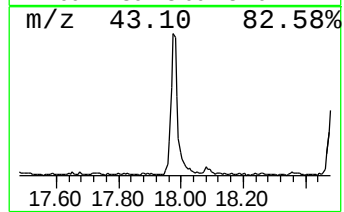
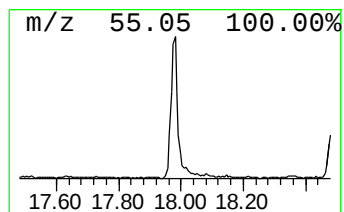
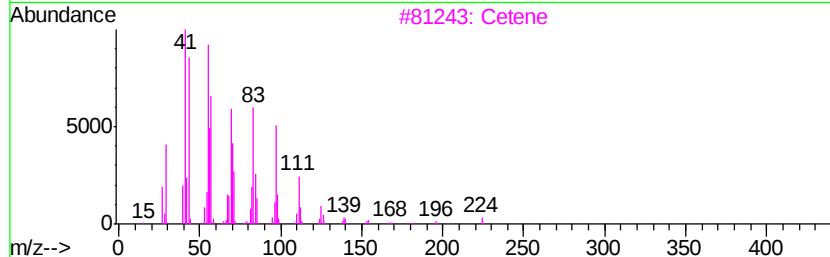
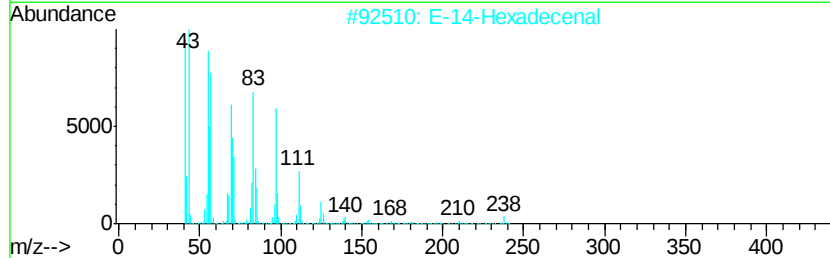
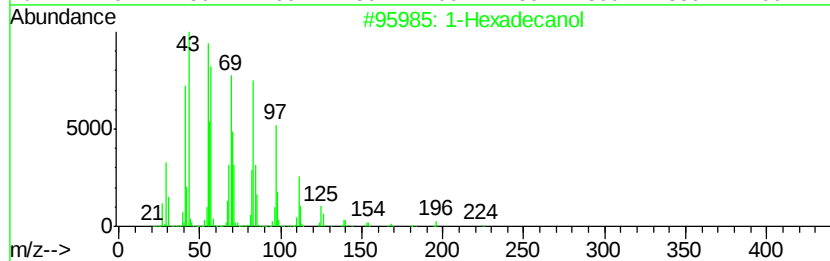
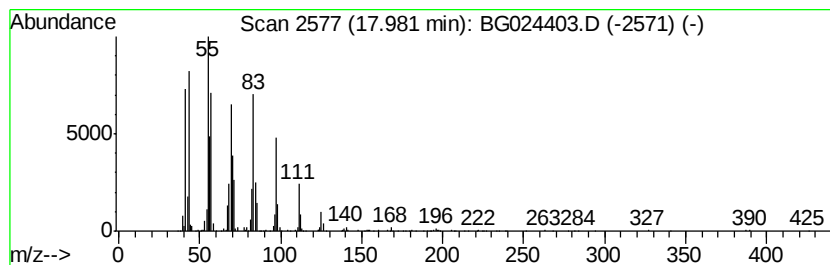
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Hexadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	7.79 ng/ul	1609640	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol	242	C16H34O	036653-82-4	94
2		E-14-Hexadecenal	238	C16H30O	330207-53-9	91
3		Cetene	224	C16H32	000629-73-2	91
4		3-Octadecene, (E)-	252	C18H36	007206-19-1	91
5		1-Octadecene	252	C18H36	000112-88-9	91



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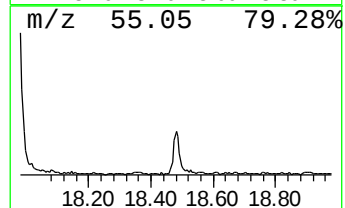
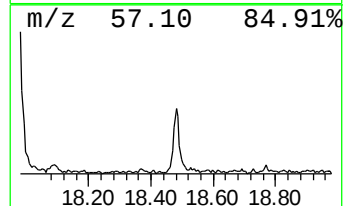
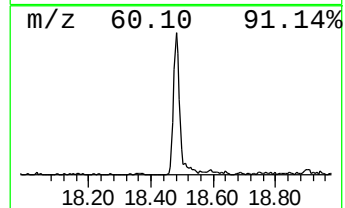
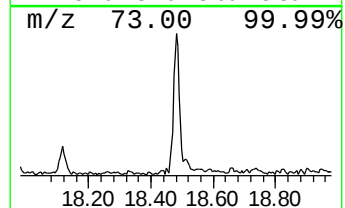
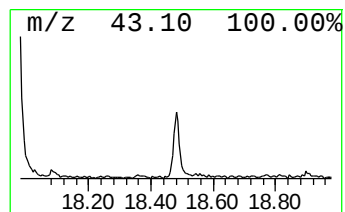
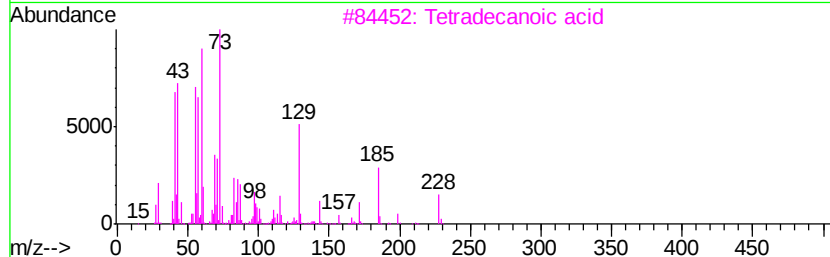
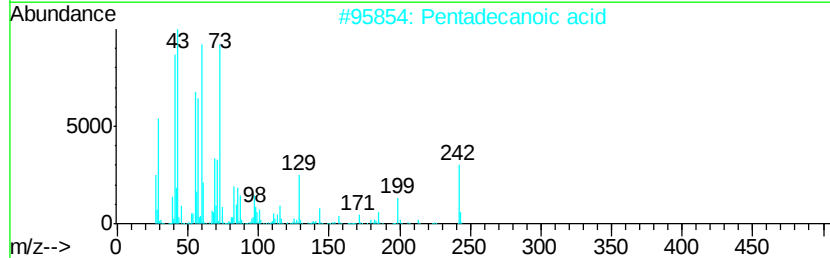
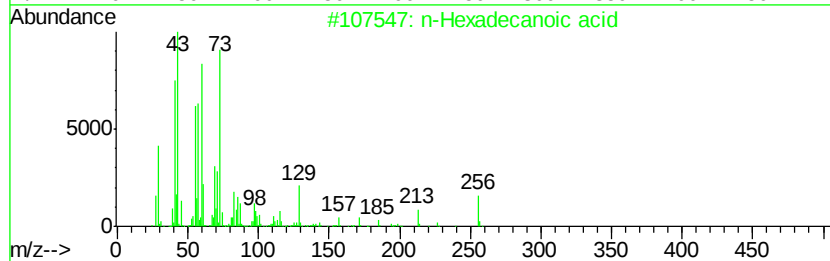
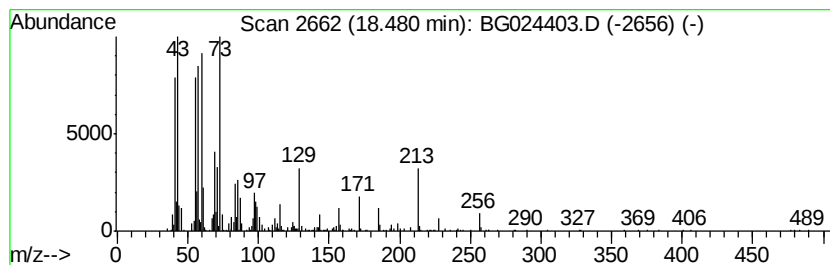
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.48	3.69 ng/ul	761803	Phenanthrene-d10		17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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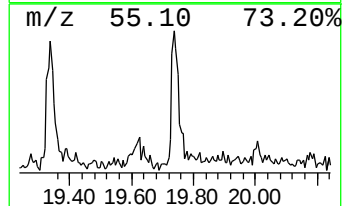
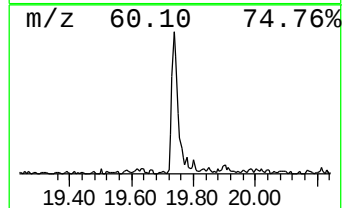
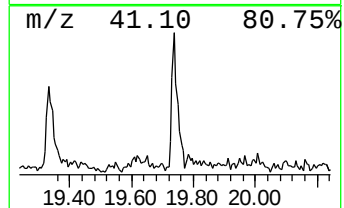
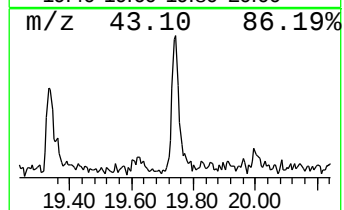
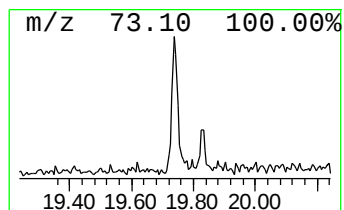
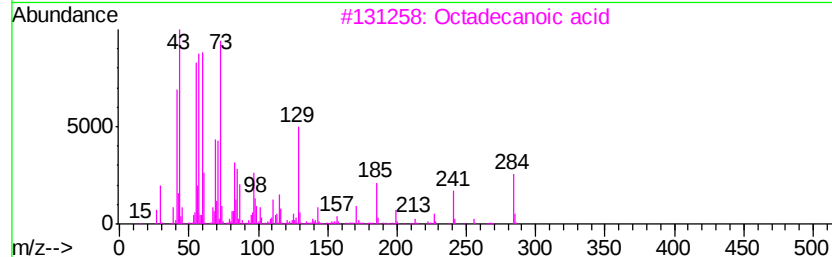
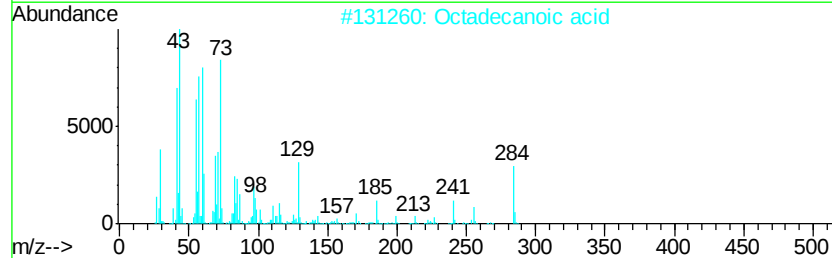
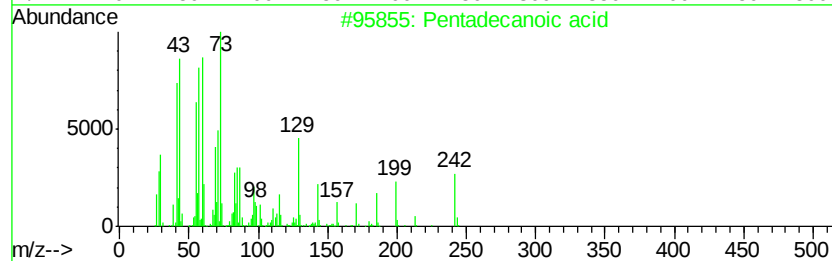
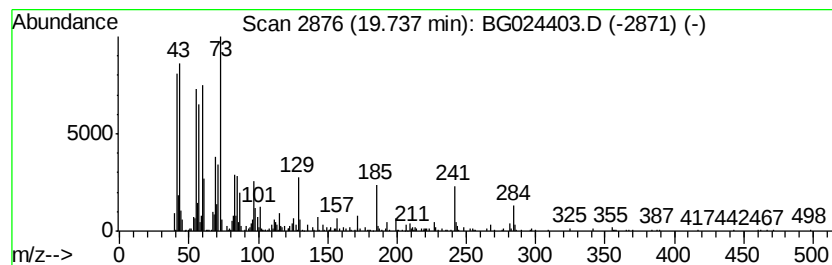
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Peak Number 3 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.74	2.38 ng/ul	491155	Phenanthrene-d10		17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
2			Octadecanoic acid	284	C18H36O2	000057-11-4	74
3			Octadecanoic acid	284	C18H36O2	000057-11-4	64
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101716\
Data File : BG024403.D
Acq On : 18 Oct 2016 3:58
Operator : UM/SJ
Sample : H5241-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNC7

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
1-Hexadecanol	17.98	7.8	ng/ul	1609640	4	17.64	4130270	20.0
n-Hexadecanoic acid	18.48	3.7	ng/ul	761803	4	17.64	4130270	20.0
Pentadecanoic acid	19.74	2.4	ng/ul	491155	4	17.64	4130270	20.0