

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021866.D
 Acq On : 12 May 2016 11:59
 Operator : UM/SJ
 Sample : H2936-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X78

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-BG050916.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	3.285	72	76	83	rVB3	7054	11557	0.79%	0.062%
2	3.555	119	122	126	rVB3	2829	3916	0.27%	0.021%
3	4.266	238	243	246	rVB5	1357	2400	0.16%	0.013%
4	4.319	246	252	258	rBV5	2220	5374	0.37%	0.029%
5	6.346	595	597	601	rVB3	1470	2067	0.14%	0.011%
6	6.546	628	631	636	rBV4	1476	2252	0.15%	0.012%
7	7.315	752	762	775	rBV2	147870	369719	25.20%	1.998%
8	7.492	786	792	802	rBV	64801	127898	8.72%	0.691%
9	7.703	820	828	841	rVV2	84037	196697	13.41%	1.063%
10	8.179	898	909	925	rBV	85308	190286	12.97%	1.028%
11	8.391	941	945	956	rVB7	4114	9205	0.63%	0.050%
12	8.702	994	998	1000	rVV3	1921	2362	0.16%	0.013%
13	8.878	1017	1028	1037	rBV	95573	210211	14.33%	1.136%
14	9.342	1098	1107	1123	rBV	68486	165105	11.25%	0.892%
15	9.730	1166	1173	1180	rBV5	5278	10750	0.73%	0.058%
16	10.077	1224	1232	1233	rBV	65238	118164	8.05%	0.639%
17	10.100	1233	1236	1250	rVV	85693	183449	12.50%	0.991%
18	10.306	1266	1271	1274	rVB3	1074	2025	0.14%	0.011%
19	10.612	1316	1323	1342	rBV	106101	239715	16.34%	1.296%
20	10.994	1375	1388	1394	rBV	171899	372965	25.42%	2.016%
21	11.041	1394	1396	1406	rVV2	55562	101639	6.93%	0.549%
22	11.146	1407	1414	1424	rVB3	8264	23901	1.63%	0.129%
23	11.323	1437	1444	1454	rVB2	88130	171000	11.66%	0.924%
24	12.257	1596	1603	1615	rBV	58552	126182	8.60%	0.682%
25	12.856	1698	1705	1713	rBV	153185	277634	18.92%	1.500%
26	13.003	1724	1730	1736	rBV	49095	87363	5.95%	0.472%
27	13.238	1764	1770	1783	rBV	95460	205156	13.98%	1.109%
28	13.637	1827	1838	1850	rBV	263266	520242	35.46%	2.812%
29	14.119	1916	1920	1921	rBV2	1970	2435	0.17%	0.013%
30	14.196	1926	1933	1937	rBV	177636	297023	20.25%	1.605%
31	14.243	1937	1941	1948	rVV	236376	379118	25.84%	2.049%
32	14.301	1949	1951	1956	rVB3	3814	5617	0.38%	0.030%
33	14.366	1956	1962	1970	rBV	88101	150909	10.29%	0.816%
34	14.431	1970	1973	1977	rBV3	2246	2839	0.19%	0.015%

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 Title : SVOA CALIBRATION

35	14.495	1977	1984	1993	rBV	390348	678337	46.24%	3.666%
36	14.672	2009	2014	2022	rVB2	23876	39621	2.70%	0.214%
37	14.754	2022	2028	2029	rBV4	3115	5476	0.37%	0.030%
38	14.801	2029	2036	2043	rVB2	339204	596712	40.67%	3.225%
39	15.001	2060	2070	2085	rBV3	85657	286281	19.51%	1.547%
40	15.194	2095	2103	2115	rVV	100883	203803	13.89%	1.101%
41	15.283	2115	2118	2127	rVB7	8030	17080	1.16%	0.092%
42	15.353	2127	2130	2135	rVB6	4579	7161	0.49%	0.039%
43	15.494	2152	2154	2160	rBV5	2395	3928	0.27%	0.021%
44	15.570	2163	2167	2171	rBV5	5067	9930	0.68%	0.054%
45	15.618	2171	2175	2181	rVB	36120	53401	3.64%	0.289%
46	15.682	2181	2186	2190	rVB6	4062	6523	0.44%	0.035%
47	15.729	2190	2194	2197	rBV6	3471	5815	0.40%	0.031%
48	15.788	2197	2204	2212	rBV	544400	924779	63.04%	4.998%
49	15.917	2222	2226	2232	rVB7	3756	5875	0.40%	0.032%
50	16.029	2237	2245	2249	rBV4	15814	35233	2.40%	0.190%
51	16.070	2249	2252	2254	rVV4	2250	2542	0.17%	0.014%
52	16.123	2258	2261	2265	rVV5	4172	4795	0.33%	0.026%
53	16.176	2267	2270	2277	rVB5	4654	10336	0.70%	0.056%
54	16.246	2277	2282	2287	rBV6	6793	10870	0.74%	0.059%
55	16.311	2291	2293	2296	rBV4	1906	2054	0.14%	0.011%
56	16.364	2299	2302	2306	rBV5	3156	4130	0.28%	0.022%
57	16.446	2310	2316	2317	rBV3	2972	5062	0.35%	0.027%
58	16.481	2317	2322	2332	rBV2	36065	78221	5.33%	0.423%
59	16.610	2341	2344	2349	rVB4	4332	5514	0.38%	0.030%
60	16.669	2349	2354	2360	rVB6	9287	17906	1.22%	0.097%
61	16.728	2360	2364	2369	rBV7	4909	9437	0.64%	0.051%
62	16.769	2369	2371	2375	rBV4	2053	2530	0.17%	0.014%
63	16.845	2375	2384	2394	rBV	105978	198099	13.50%	1.071%
64	16.939	2395	2400	2405	rVB6	6756	12077	0.82%	0.065%
65	16.992	2405	2409	2413	rBV4	10064	15584	1.06%	0.084%
66	17.063	2417	2421	2426	rVV7	5939	9946	0.68%	0.054%
67	17.163	2436	2438	2440	rBV3	3214	2493	0.17%	0.013%
68	17.192	2440	2443	2450	rVV8	4976	10676	0.73%	0.058%
69	17.274	2453	2457	2462	rBV	22556	35155	2.40%	0.190%
70	17.545	2496	2503	2506	rBV2	403694	707236	48.21%	3.822%
71	17.586	2506	2510	2515	rVB	450011	684847	46.68%	3.701%

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72	17.645	2515	2520	2524	rBV	556094	967340	65.94%	5.228%
73	17.809	2546	2548	2549	rVB2	3726	2198	0.15%	0.012%
74	17.891	2560	2562	2563	rBV2	3624	2083	0.14%	0.011%
75	17.968	2572	2575	2576	rBV2	2545	2804	0.19%	0.015%
76	18.009	2579	2582	2586	rBV2	11297	17309	1.18%	0.094%
77	18.115	2596	2600	2607	rBV9	6961	14505	0.99%	0.078%
78	18.191	2609	2613	2619	rVV7	9764	15728	1.07%	0.085%
79	18.414	2649	2651	2654	rVB3	3983	2541	0.17%	0.014%
80	18.485	2658	2663	2670	rVV	203731	298709	20.36%	1.614%
81	18.614	2682	2685	2686	rBV3	3993	3790	0.26%	0.020%
82	18.696	2696	2699	2702	rBV5	6928	10851	0.74%	0.059%
83	18.743	2704	2707	2711	rVB6	6653	9607	0.65%	0.052%
84	18.943	2737	2741	2746	rBV8	7683	15729	1.07%	0.085%
85	19.137	2771	2774	2775	rBV3	4766	4868	0.33%	0.026%
86	19.260	2791	2795	2802	rBV9	13688	34827	2.37%	0.188%
87	19.319	2802	2805	2810	rVB6	7633	15052	1.03%	0.081%
88	19.454	2826	2828	2829	rBV2	4218	3478	0.24%	0.019%
89	19.484	2829	2833	2838	rVV8	7504	15892	1.08%	0.086%
90	19.583	2844	2850	2858	rBV	492069	783803	53.43%	4.236%
91	19.807	2885	2888	2889	rBV3	7419	9161	0.62%	0.050%
92	19.918	2900	2907	2910	rBV2	800664	1467073	100.00%	7.929%
93	21.440	3162	3166	3174	rBV3	77913	128836	8.78%	0.696%
94	21.693	3204	3209	3216	rVB	372387	598044	40.76%	3.232%
95	21.828	3225	3232	3236	rBV	401611	789767	53.83%	4.268%
96	21.875	3236	3240	3254	rVB	363205	750086	51.13%	4.054%
97	23.555	3521	3526	3536	rVB2	42117	102974	7.02%	0.557%
98	24.936	3751	3761	3768	rBV2	356880	1172631	79.93%	6.337%
99	25.165	3791	3800	3814	rVB3	263672	871353	59.39%	4.709%
100	28.996	4439	4452	4476	rVB5	161216	1105743	75.37%	5.976%

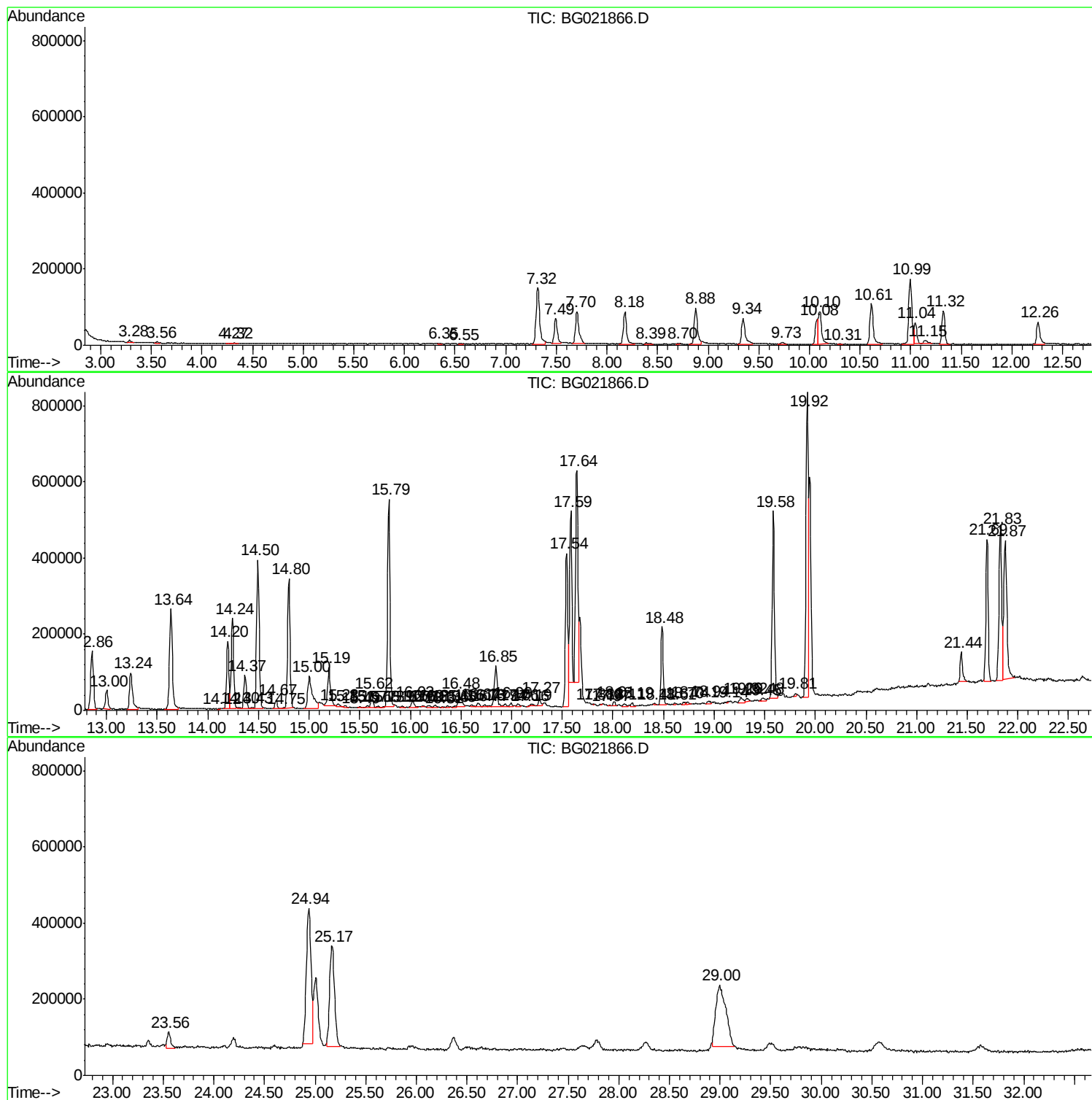
Sum of corrected areas: 18503422

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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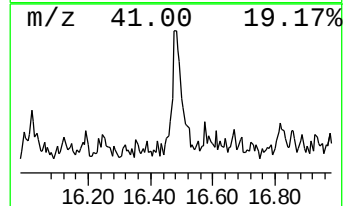
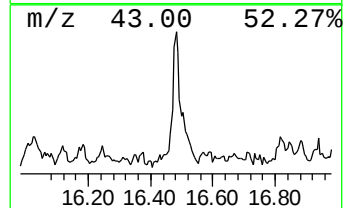
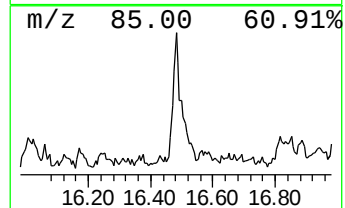
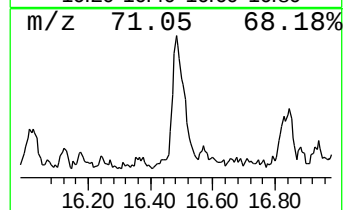
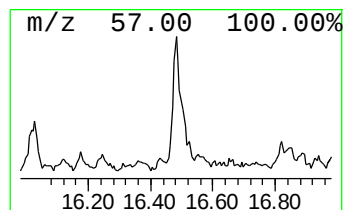
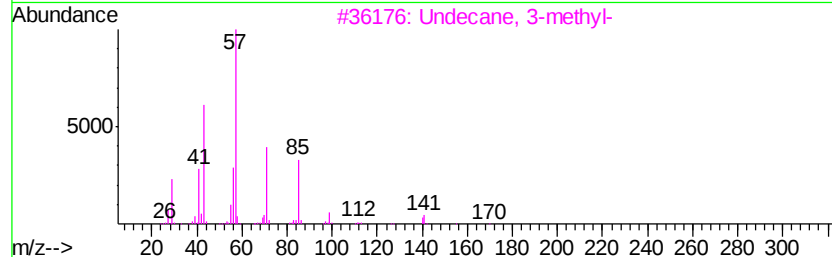
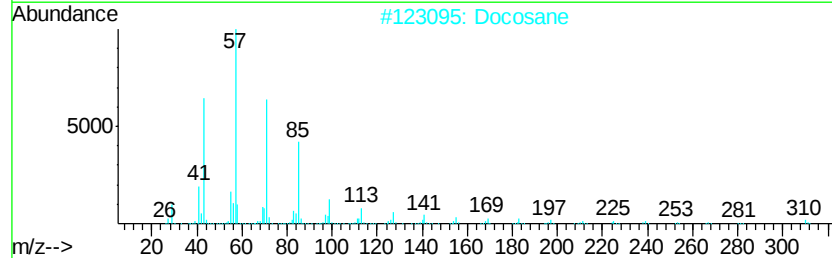
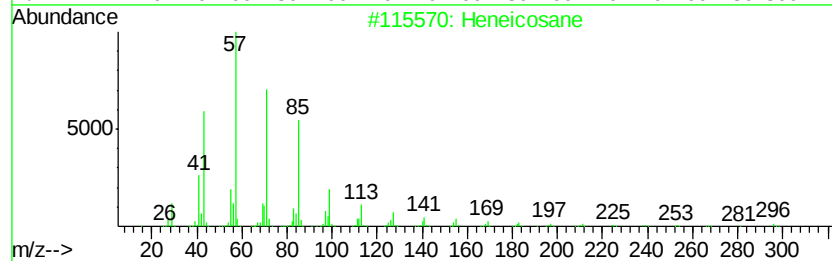
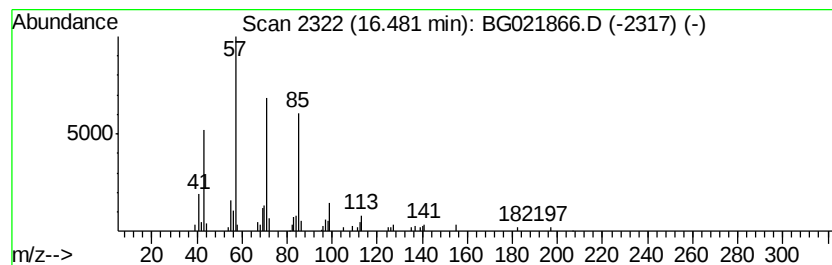
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	2.21 ng/ul	78221	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Docosane	310	C22H46	000629-97-0	78
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4		Octacosane	394	C28H58	000630-02-4	64
5		Hexadecane	226	C16H34	000544-76-3	64



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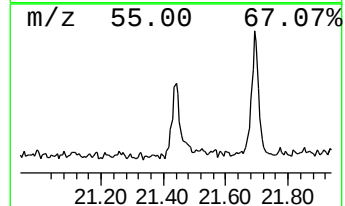
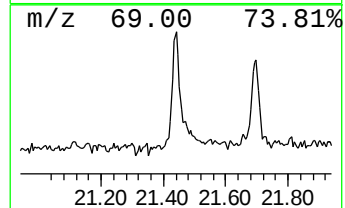
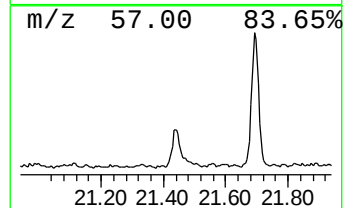
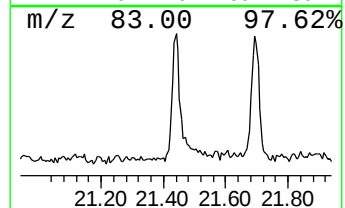
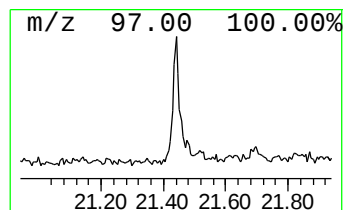
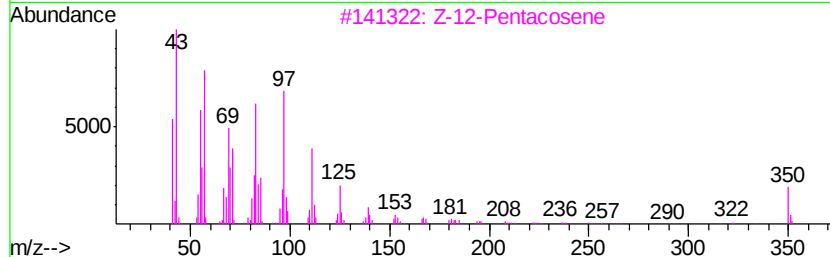
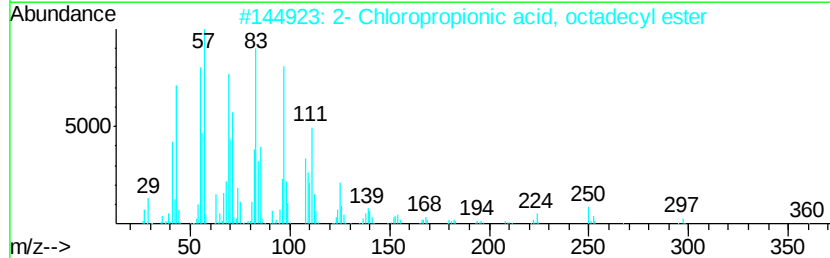
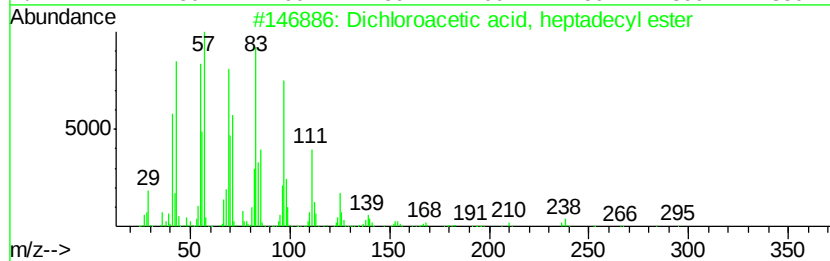
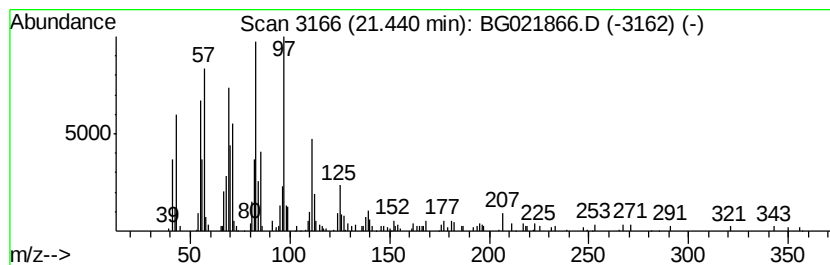
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.44	3.26 ng/ul	128836	Chrysene-d12	21.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91	
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87	
3	Z-12-Pentacosene	350	C25H50	1000131-09-4	72	
4	1-Docosene	308	C22H44	001599-67-3	68	
5	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	62	



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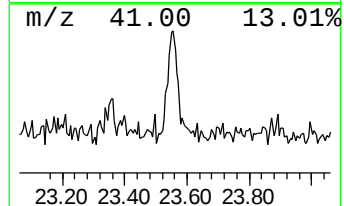
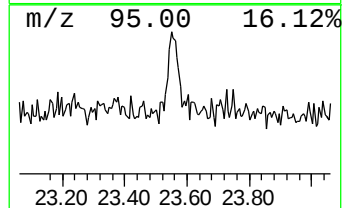
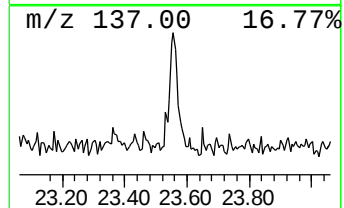
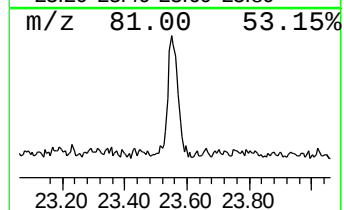
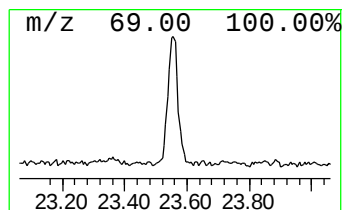
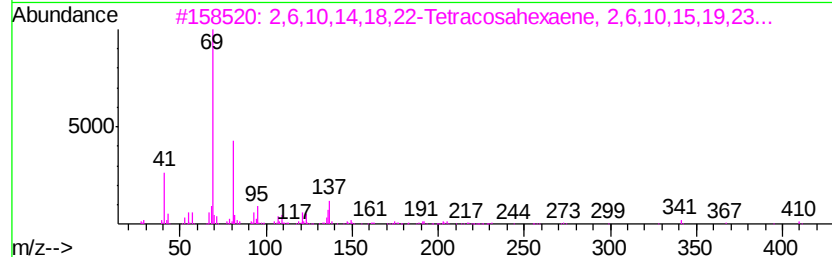
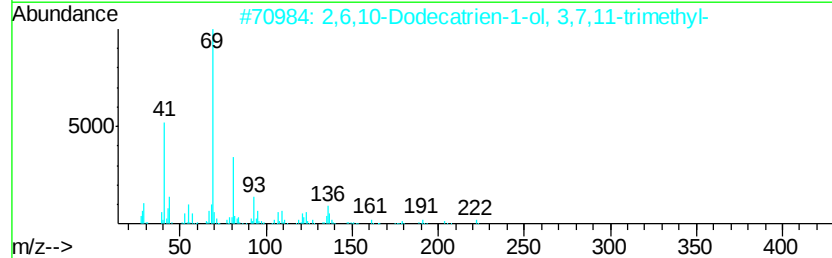
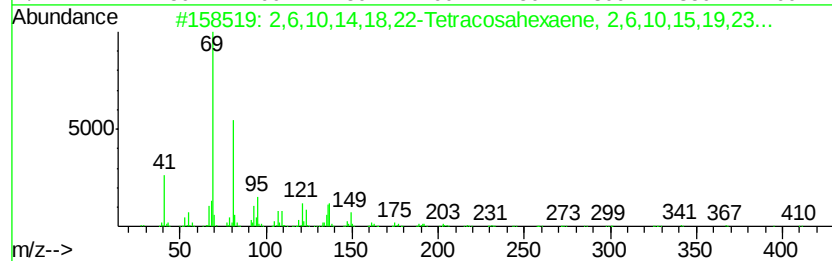
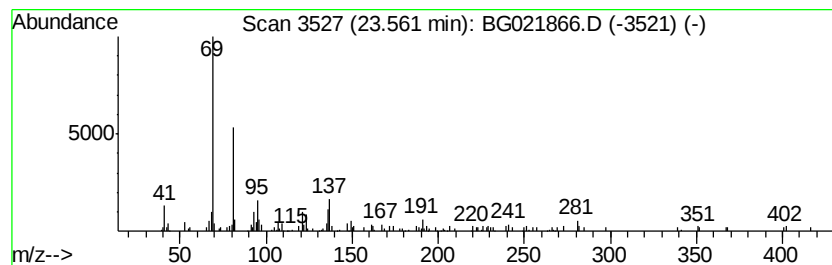
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Peak Number 3 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.56	2.36 ng/ul	102974	Perylene-d12	25.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90		
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	87		
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	86		
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	86		
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	80		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021866.D
Acq On : 12 May 2016 11:59
Operator : UM/SJ
Sample : H2936-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9X78

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	16.48	2.2	ng/ul	78221	4	17.54	707236	20.0
Dichloroacetic ac...	21.44	3.3	ng/ul	128836	5	21.83	789767	20.0
2,6,10,14,18,22-T...	23.56	2.4	ng/ul	102974	6	25.17	871353	20.0