

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
 Data File : BG024846.D
 Acq On : 19 Nov 2016 4:47
 Operator : UM/SJ
 Sample : H5695-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHST6

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-BG111416.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	3.184	56	59	64	rVB	24881	36110	1.08%	0.094%
2	3.619	129	133	141	rVB6	14520	24116	0.72%	0.063%
3	4.154	220	224	230	rBV5	10228	19964	0.59%	0.052%
4	4.242	235	239	247	rVB10	7403	15640	0.47%	0.041%
5	4.383	259	263	269	rVV8	8384	20361	0.61%	0.053%
6	5.329	418	424	431	rBV6	18006	40455	1.21%	0.106%
7	6.228	571	577	587	rBV7	9844	24590	0.73%	0.064%
8	6.327	587	594	596	rVB5	9118	13887	0.41%	0.036%
9	7.397	768	776	787	rBV2	322504	655619	19.53%	1.710%
10	7.573	798	806	821	rVV	219651	395267	11.78%	1.031%
11	7.785	832	842	856	rBV2	317669	578643	17.24%	1.509%
12	8.208	906	914	916	rBV9	10503	21418	0.64%	0.056%
13	8.260	916	923	935	rVB	430903	815066	24.28%	2.126%
14	8.354	935	939	944	rBV4	8670	13978	0.42%	0.036%
15	8.772	1003	1010	1014	rBV7	10954	19140	0.57%	0.050%
16	8.948	1026	1040	1052	rBV	396788	732206	21.82%	1.910%
17	9.095	1056	1065	1072	rBV4	19817	37338	1.11%	0.097%
18	9.436	1113	1123	1133	rBV	324816	634219	18.90%	1.654%
19	9.770	1172	1180	1184	rBV4	8683	18204	0.54%	0.047%
20	10.158	1235	1246	1255	rBV2	307957	562740	16.77%	1.468%
21	10.229	1255	1258	1265	rVB5	8709	19473	0.58%	0.051%
22	10.517	1302	1307	1312	rVB6	9498	14000	0.42%	0.037%
23	10.693	1328	1337	1350	rVB	432829	823890	24.55%	2.149%
24	11.087	1396	1404	1412	rBV	652686	1207974	35.99%	3.151%
25	11.222	1417	1427	1438	rBV	313164	623964	18.59%	1.628%
26	11.504	1472	1475	1481	rVB4	9326	15314	0.46%	0.040%
27	11.768	1517	1520	1525	rVB4	7491	14853	0.44%	0.039%
28	11.827	1525	1530	1535	rBV7	9178	23312	0.69%	0.061%
29	12.532	1643	1650	1655	rVV7	10393	21544	0.64%	0.056%
30	12.655	1665	1671	1676	rBV6	12361	27648	0.82%	0.072%
31	12.720	1676	1682	1690	rVB7	8163	18213	0.54%	0.048%
32	13.672	1838	1844	1846	rBV6	9598	15451	0.46%	0.040%
33	13.736	1846	1855	1863	rVV5	18502	39337	1.17%	0.103%
34	14.065	1907	1911	1918	rVB7	11303	21854	0.65%	0.057%

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Integration Parameters: LSCINT.P

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35	14.195	1926	1933	1935	rBV6	12436	20700	0.62%	0.054%
36	14.265	1937	1945	1950	rBV	854568	1293243	38.53%	3.374%
37	14.312	1950	1953	1965	rVB	345675	511016	15.23%	1.333%
38	14.430	1969	1973	1977	rBV5	9194	16904	0.50%	0.044%
39	14.571	1990	1997	2009	rVV	869444	1469695	43.79%	3.834%
40	14.724	2018	2023	2029	rVB5	16734	28435	0.85%	0.074%
41	14.876	2034	2049	2058	rBV	1198683	1949830	58.09%	5.086%
42	14.941	2058	2060	2066	rVB5	9489	13798	0.41%	0.036%
43	15.058	2073	2080	2093	rBV2	359716	686020	20.44%	1.790%
44	15.229	2104	2109	2113	rBV8	11405	21569	0.64%	0.056%
45	15.264	2113	2115	2122	rVB7	15345	24584	0.73%	0.064%
46	15.534	2157	2161	2166	rVB6	9693	13813	0.41%	0.036%
47	15.628	2172	2177	2180	rVV4	29246	47314	1.41%	0.123%
48	15.669	2180	2184	2191	rVB5	50014	80406	2.40%	0.210%
49	15.769	2197	2201	2205	rBV6	11541	12885	0.38%	0.034%
50	15.863	2209	2217	2230	rBV	1269789	2019505	60.17%	5.268%
51	15.975	2230	2236	2245	rVB2	332474	530610	15.81%	1.384%
52	16.069	2246	2252	2253	rBV5	13323	17907	0.53%	0.047%
53	16.216	2275	2277	2281	rVB4	11907	13437	0.40%	0.035%
54	16.351	2295	2300	2304	rBV8	15017	25719	0.77%	0.067%
55	16.527	2325	2330	2332	rBV2	58738	81742	2.44%	0.213%
56	16.557	2332	2335	2342	rVB5	72184	127876	3.81%	0.334%
57	16.721	2358	2363	2368	rBV9	14982	34371	1.02%	0.090%
58	16.974	2402	2406	2409	rBV6	8482	13632	0.41%	0.036%
59	17.144	2430	2435	2439	rBV8	18014	33863	1.01%	0.088%
60	17.279	2452	2458	2460	rVB6	18076	27115	0.81%	0.071%
61	17.320	2460	2465	2470	rBV4	54098	70800	2.11%	0.185%
62	17.367	2470	2473	2476	rVB3	12304	16366	0.49%	0.043%
63	17.397	2476	2478	2482	rBV5	13164	13863	0.41%	0.036%
64	17.620	2509	2516	2520	rBV	1495623	2361049	70.35%	6.159%
65	17.661	2521	2523	2527	rVV2	266906	313247	9.33%	0.817%
66	17.714	2527	2532	2542	rVB2	1321833	2105490	62.73%	5.492%
67	18.020	2580	2584	2587	rBV5	21480	30712	0.92%	0.080%
68	18.055	2587	2590	2599	rVB5	39468	70370	2.10%	0.184%
69	18.131	2599	2603	2604	rBV4	11566	13650	0.41%	0.036%
70	18.407	2646	2650	2653	rBV6	18349	29764	0.89%	0.078%
71	18.460	2655	2659	2667	rBV3	177046	322775	9.62%	0.842%

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72	18.537	2668	2672	2677	rVB2	80601	129273	3.85%	0.337%
73	18.607	2681	2684	2688	rVB6	14113	22076	0.66%	0.058%
74	18.689	2691	2698	2701	rBV4	56244	121685	3.63%	0.317%
75	18.783	2712	2714	2718	rVB5	15449	15762	0.47%	0.041%
76	18.977	2742	2747	2751	rBV3	42357	67769	2.02%	0.177%
77	19.024	2751	2755	2767	rVB4	75854	143418	4.27%	0.374%
78	19.271	2794	2797	2800	rBV5	18689	20227	0.60%	0.053%
79	19.395	2810	2818	2822	rBV9	26723	68819	2.05%	0.180%
80	19.535	2838	2842	2851	rVB9	41701	91211	2.72%	0.238%
81	19.653	2854	2862	2868	rVB	444528	665775	19.84%	1.737%
82	19.712	2870	2872	2875	rBV3	41044	53295	1.59%	0.139%
83	19.806	2884	2888	2891	rBV	47298	66980	2.00%	0.175%
84	19.988	2913	2919	2930	rBV2	1650470	3191160	95.08%	8.324%
85	20.100	2931	2938	2943	rVV4	108039	210806	6.28%	0.550%
86	20.194	2951	2954	2957	rVB3	28418	36496	1.09%	0.095%
87	20.329	2972	2977	2984	rBV9	49384	123835	3.69%	0.323%
88	20.411	2987	2991	2994	rBV5	48197	50399	1.50%	0.131%
89	20.464	2995	3000	3002	rBV5	81055	107044	3.19%	0.279%
90	20.799	3054	3057	3061	rVB2	43630	43035	1.28%	0.112%
91	20.846	3062	3065	3071	rBV8	44799	68275	2.03%	0.178%
92	21.492	3170	3175	3184	rVB4	222353	397875	11.85%	1.038%
93	21.915	3238	3247	3253	rBV	1710627	3356289	100.00%	8.755%
94	22.691	3374	3379	3384	rBV4	104914	168576	5.02%	0.440%
95	23.419	3498	3503	3510	rVB4	95960	204192	6.08%	0.533%
96	24.265	3638	3647	3662	rVB5	238198	864695	25.76%	2.256%
97	25.105	3781	3790	3798	rBV3	777156	2130455	63.48%	5.557%
98	25.346	3813	3831	3843	rVB2	983253	3085150	91.92%	8.048%
99	26.469	4017	4022	4037	rVB5	181852	551823	16.44%	1.439%
100	27.908	4261	4267	4278	rVB5	78186	248769	7.41%	0.649%

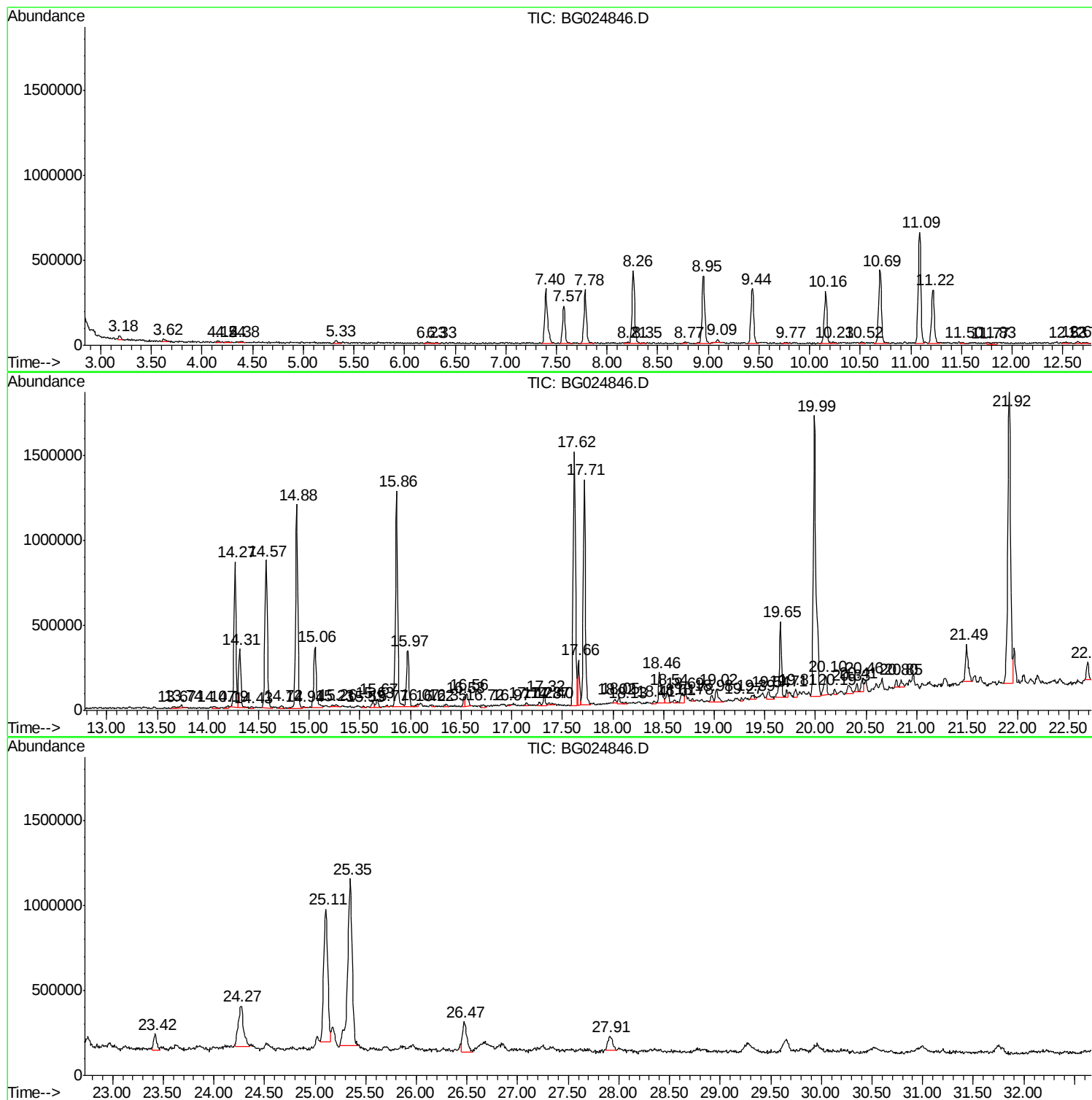
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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



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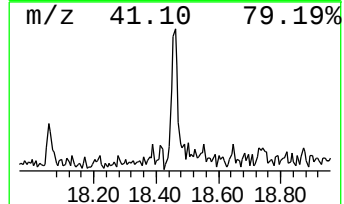
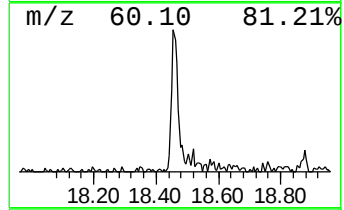
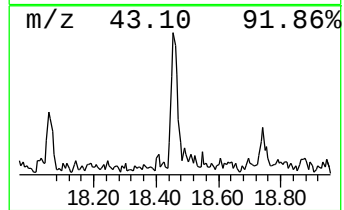
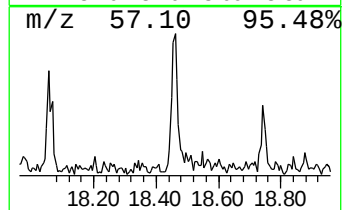
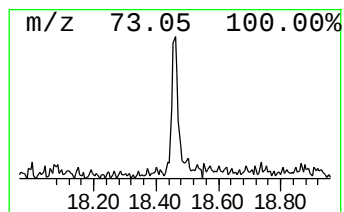
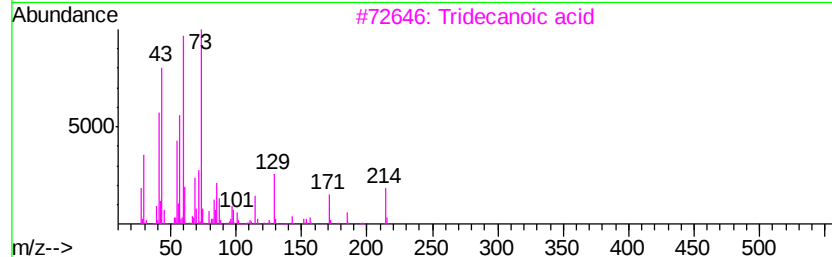
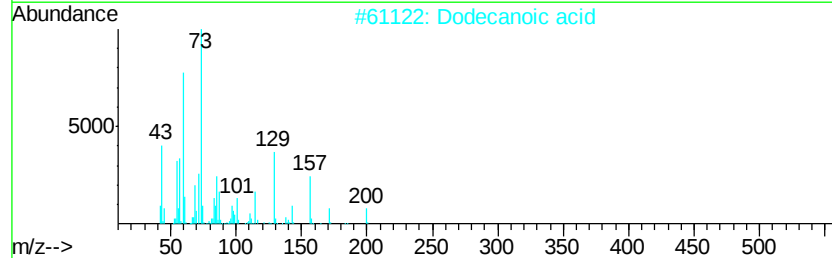
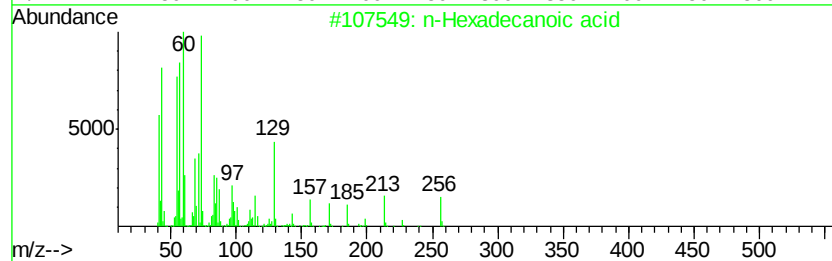
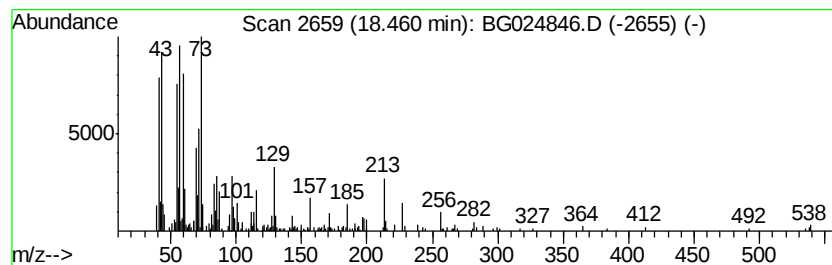
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.73 ng/ul	322775	Phenanthrene-d10	17.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
2	Dodecanoic acid	200	C12H24O2	000143-07-7	89	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	



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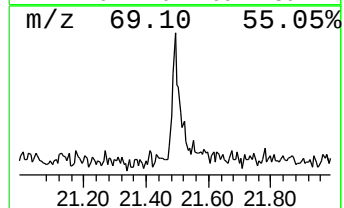
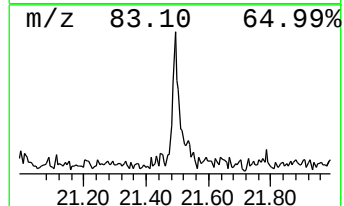
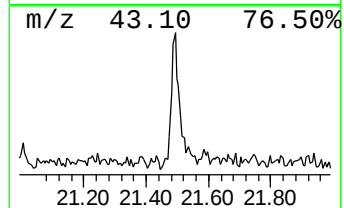
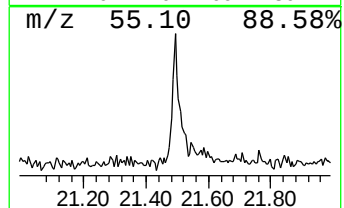
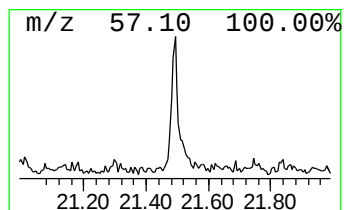
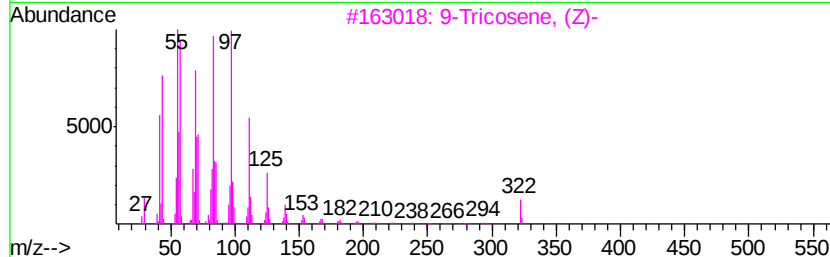
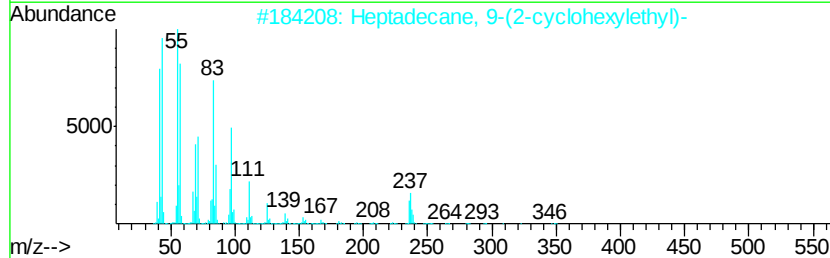
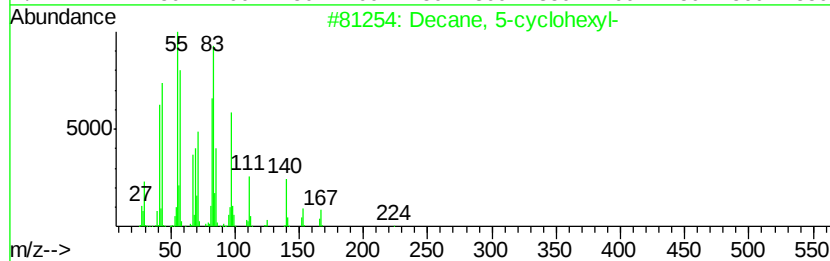
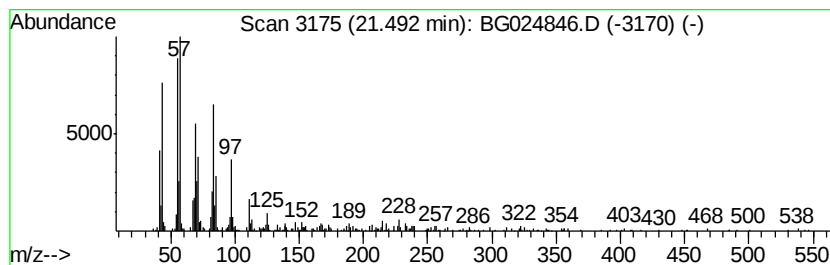
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.49	2.37 ng/ul	397875	Chrysene-d12	21.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-cyclohexyl-	224	C16H32	013151-76-3	91
2	Heptadecane, 9-(2-cyclohexylethyl)-	350	C25H50	025446-35-9	83
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	80
5	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	68



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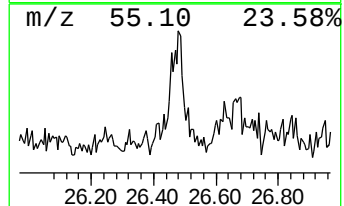
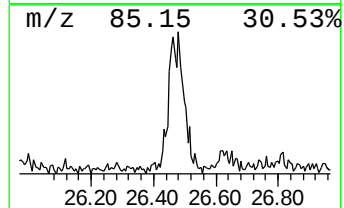
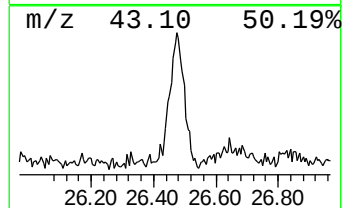
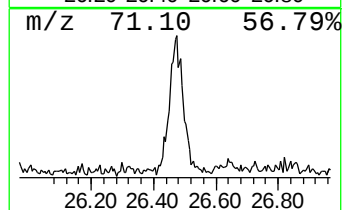
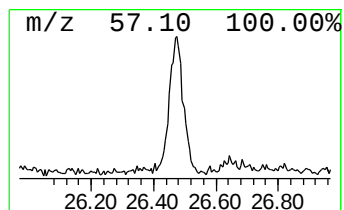
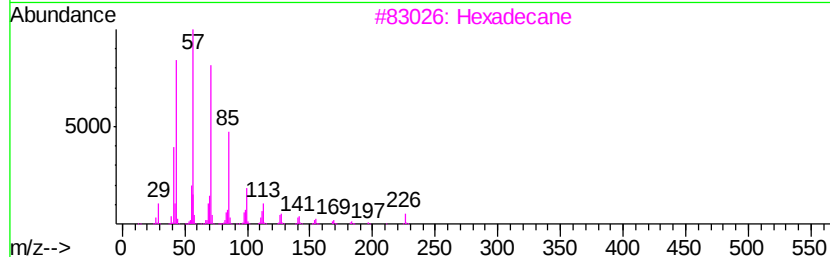
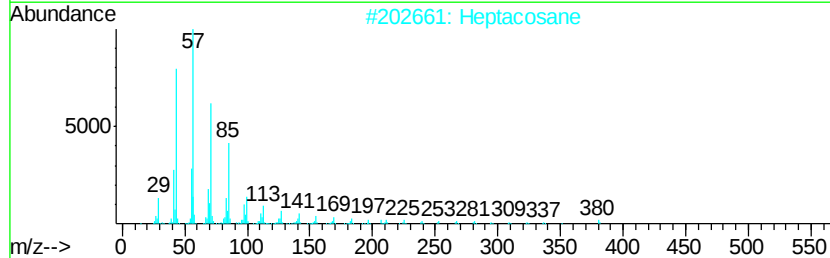
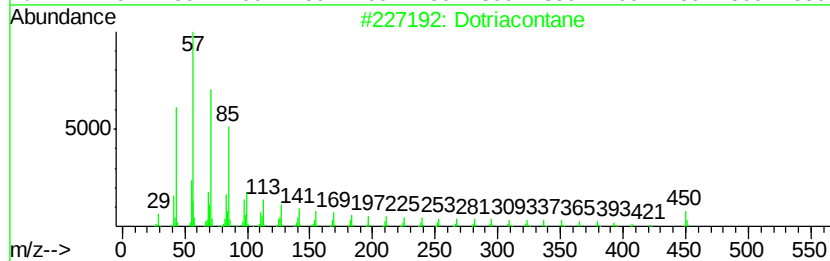
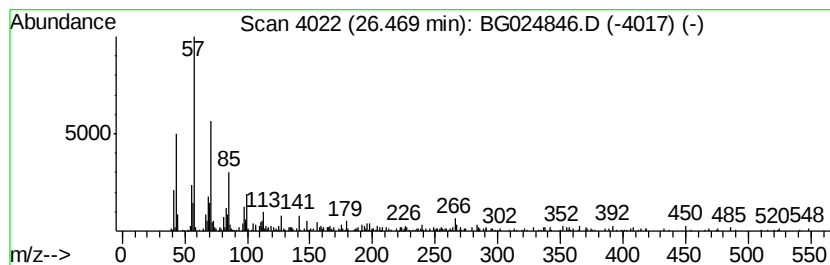
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.47	3.58 ng/ul	551823	Perylene-d12	25.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	72
2		Heptacosane	380	C27H56	000593-49-7	72
3		Hexadecane	226	C16H34	000544-76-3	70
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tetratetracontane	619	C44H90	007098-22-8	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024846.D
Acq On : 19 Nov 2016 4:47
Operator : UM/SJ
Sample : H5695-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHST6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.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	18.46	2.7	ng/ul	322775	4	17.62	2361050	20.0
(DEL) Alkane: Cyc...	21.49	2.4	ng/ul	397875	5	21.92	3356290	20.0
(DEL) Alkane: Str...	26.47	3.6	ng/ul	551823	6	25.35	3085150	20.0