

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
 Data File : BG021343.D
 Acq On : 7 Mar 2016 17:22
 Operator : UM/SJ
 Sample : H1625-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFH5

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-BG030316.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	3.537	114	119	123	rBV3	2848	4630	1.12%	0.103%
2	5.382	428	433	436	rBV2	428	722	0.18%	0.016%
3	6.827	676	679	683	rBV2	409	619	0.15%	0.014%
4	7.274	748	755	764	rVB	72504	122550	29.71%	2.734%
5	7.450	778	785	792	rVB	51630	85066	20.62%	1.898%
6	7.656	813	820	828	rBV	70679	115542	28.01%	2.578%
7	8.126	892	900	907	rVB	39454	65165	15.80%	1.454%
8	8.607	980	982	986	rBV	606	653	0.16%	0.015%
9	8.819	1011	1018	1028	rBV	82627	142893	34.64%	3.188%
10	9.289	1090	1098	1110	rVB	73018	125333	30.38%	2.796%
11	9.377	1110	1113	1117	rBV3	1908	2540	0.62%	0.057%
12	10.012	1214	1221	1228	rVB	64790	111187	26.95%	2.480%
13	10.546	1305	1312	1322	rVB2	87781	148772	36.06%	3.319%
14	10.934	1371	1378	1385	rBV	59586	103599	25.11%	2.311%
15	11.063	1393	1400	1410	rBV	77204	141589	34.32%	3.159%
16	12.503	1641	1645	1648	rVB	962	1401	0.34%	0.031%
17	13.343	1784	1788	1791	rBB	675	803	0.19%	0.018%
18	13.613	1830	1834	1838	rBV2	1240	1628	0.39%	0.036%
19	14.136	1915	1923	1927	rBV	160882	224783	54.49%	5.015%
20	14.177	1927	1930	1936	rVB	59961	83512	20.24%	1.863%
21	14.430	1966	1973	1980	rBV	175237	268537	65.10%	5.991%
22	14.606	1997	2003	2007	rBB	7245	8624	2.09%	0.192%
23	14.736	2017	2025	2031	rBB2	88906	138894	33.67%	3.099%
24	14.918	2050	2056	2071	rBB	79537	130783	31.70%	2.918%
25	15.041	2075	2077	2078	rBV	1274	1071	0.26%	0.024%
26	15.117	2084	2090	2094	rVB3	1361	2461	0.60%	0.055%
27	15.159	2094	2097	2101	rVB2	1097	1214	0.29%	0.027%
28	15.217	2104	2107	2111	rBV	2371	2803	0.68%	0.063%
29	15.294	2117	2120	2122	rVB2	1426	1209	0.29%	0.027%
30	15.352	2126	2130	2135	rBB3	2908	3811	0.92%	0.085%
31	15.511	2153	2157	2160	rBB2	1156	1608	0.39%	0.036%
32	15.552	2160	2164	2169	rBV	13419	16648	4.04%	0.371%
33	15.617	2173	2175	2178	rVB	1499	1431	0.35%	0.032%
34	15.723	2186	2193	2201	rVB	223752	333518	80.85%	7.440%

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35	15.828	2206	2211	2219	rVB	81535	117560	28.50%	2.623%
36	15.958	2226	2233	2236	rBV4	4861	8870	2.15%	0.198%
37	15.999	2236	2240	2244	rVV4	1509	2548	0.62%	0.057%
38	16.052	2246	2249	2252	rVB	1989	2116	0.51%	0.047%
39	16.110	2254	2259	2263	rVV2	1790	2958	0.72%	0.066%
40	16.175	2265	2270	2275	rVB4	2331	3195	0.77%	0.071%
41	16.369	2298	2303	2305	rBV	686	1090	0.26%	0.024%
42	16.410	2305	2310	2322	rBV	13352	25026	6.07%	0.558%
43	16.528	2327	2330	2332	rVV	828	787	0.19%	0.018%
44	16.569	2336	2337	2339	rBV2	728	645	0.16%	0.014%
45	16.598	2339	2342	2344	rVB2	967	901	0.22%	0.020%
46	16.680	2350	2356	2357	rBV	1085	1060	0.26%	0.024%
47	16.757	2365	2369	2373	rBV4	1818	3246	0.79%	0.072%
48	16.815	2376	2379	2382	rVB	1583	1893	0.46%	0.042%
49	16.845	2382	2384	2386	rBV	1075	1033	0.25%	0.023%
50	16.868	2386	2388	2391	rVB3	1178	1119	0.27%	0.025%
51	16.921	2394	2397	2399	rVV3	1553	1485	0.36%	0.033%
52	16.939	2399	2400	2403	rVB3	847	678	0.16%	0.015%
53	16.986	2403	2408	2411	rBV	1871	2342	0.57%	0.052%
54	17.021	2411	2414	2418	rVB	916	1082	0.26%	0.024%
55	17.056	2418	2420	2425	rVB	665	994	0.24%	0.022%
56	17.115	2425	2430	2433	rBV	2095	2136	0.52%	0.048%
57	17.203	2440	2445	2450	rBV	8104	9142	2.22%	0.204%
58	17.256	2450	2454	2456	rVV	1999	2609	0.63%	0.058%
59	17.297	2459	2461	2465	rVB	799	764	0.19%	0.017%
60	17.338	2465	2468	2470	rVB	1017	961	0.23%	0.021%
61	17.368	2470	2473	2474	rBV	1072	1146	0.28%	0.026%
62	17.468	2484	2490	2496	rBV2	114822	168093	40.75%	3.750%
63	17.567	2501	2507	2514	rVV	241526	360688	87.44%	8.047%
64	17.632	2517	2518	2521	rBV	829	636	0.15%	0.014%
65	17.738	2533	2536	2538	rBB	1260	1318	0.32%	0.029%
66	17.820	2549	2550	2553	rBV	762	820	0.20%	0.018%
67	17.920	2564	2567	2568	rBV	731	840	0.20%	0.019%
68	17.938	2568	2570	2574	rVB2	1407	1654	0.40%	0.037%
69	18.208	2614	2616	2618	rBV	697	602	0.15%	0.013%
70	18.231	2618	2620	2625	rVB2	721	732	0.18%	0.016%
71	18.337	2631	2638	2646	rBV	22508	33221	8.05%	0.741%

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72	18.408	2649	2650	2654	rVV2	2323	2301	0.56%	0.051%
73	18.461	2658	2659	2665	rVV	1035	1184	0.29%	0.026%
74	18.525	2669	2670	2674	rVV2	785	672	0.16%	0.015%
75	18.631	2685	2688	2692	rBV2	1169	1353	0.33%	0.030%
76	18.719	2699	2703	2705	rBV	754	785	0.19%	0.018%
77	18.760	2705	2710	2715	rVB2	2836	3209	0.78%	0.072%
78	18.807	2717	2718	2720	rBV	841	588	0.14%	0.013%
79	18.837	2720	2723	2726	rBV2	1183	1506	0.37%	0.034%
80	18.919	2734	2737	2738	rBV2	919	775	0.19%	0.017%
81	19.001	2749	2751	2754	rVB2	812	661	0.16%	0.015%
82	19.101	2764	2768	2770	rBV2	536	638	0.15%	0.014%
83	19.142	2774	2775	2780	rBV	575	821	0.20%	0.018%
84	19.189	2780	2783	2787	rBV2	1474	1818	0.44%	0.041%
85	19.260	2791	2795	2796	rVB3	1283	1313	0.32%	0.029%
86	19.301	2800	2802	2804	rBV	963	923	0.22%	0.021%
87	19.324	2804	2806	2810	rBV	654	684	0.17%	0.015%
88	19.407	2818	2820	2825	rBV2	541	678	0.16%	0.015%
89	19.465	2826	2830	2831	rVV2	1474	1927	0.47%	0.043%
90	19.477	2831	2832	2838	rVV3	3342	3647	0.88%	0.081%
91	19.530	2838	2841	2843	rVV	808	729	0.18%	0.016%
92	19.595	2848	2852	2858	rBV3	6074	8867	2.15%	0.198%
93	19.730	2872	2875	2881	rBV5	1625	3445	0.84%	0.077%
94	19.841	2887	2894	2901	rBV	289882	412517	100.00%	9.203%
95	20.176	2949	2951	2953	rBV3	1551	856	0.21%	0.019%
96	20.329	2973	2977	2978	rBV4	2530	3128	0.76%	0.070%
97	21.351	3146	3151	3157	rBV	54894	86153	20.88%	1.922%
98	21.727	3209	3215	3222	rVB	117925	195221	47.32%	4.355%
99	24.759	3723	3731	3741	rVB	140901	390104	94.57%	8.703%
100	24.976	3761	3768	3780	rVB3	69726	194430	47.13%	4.338%

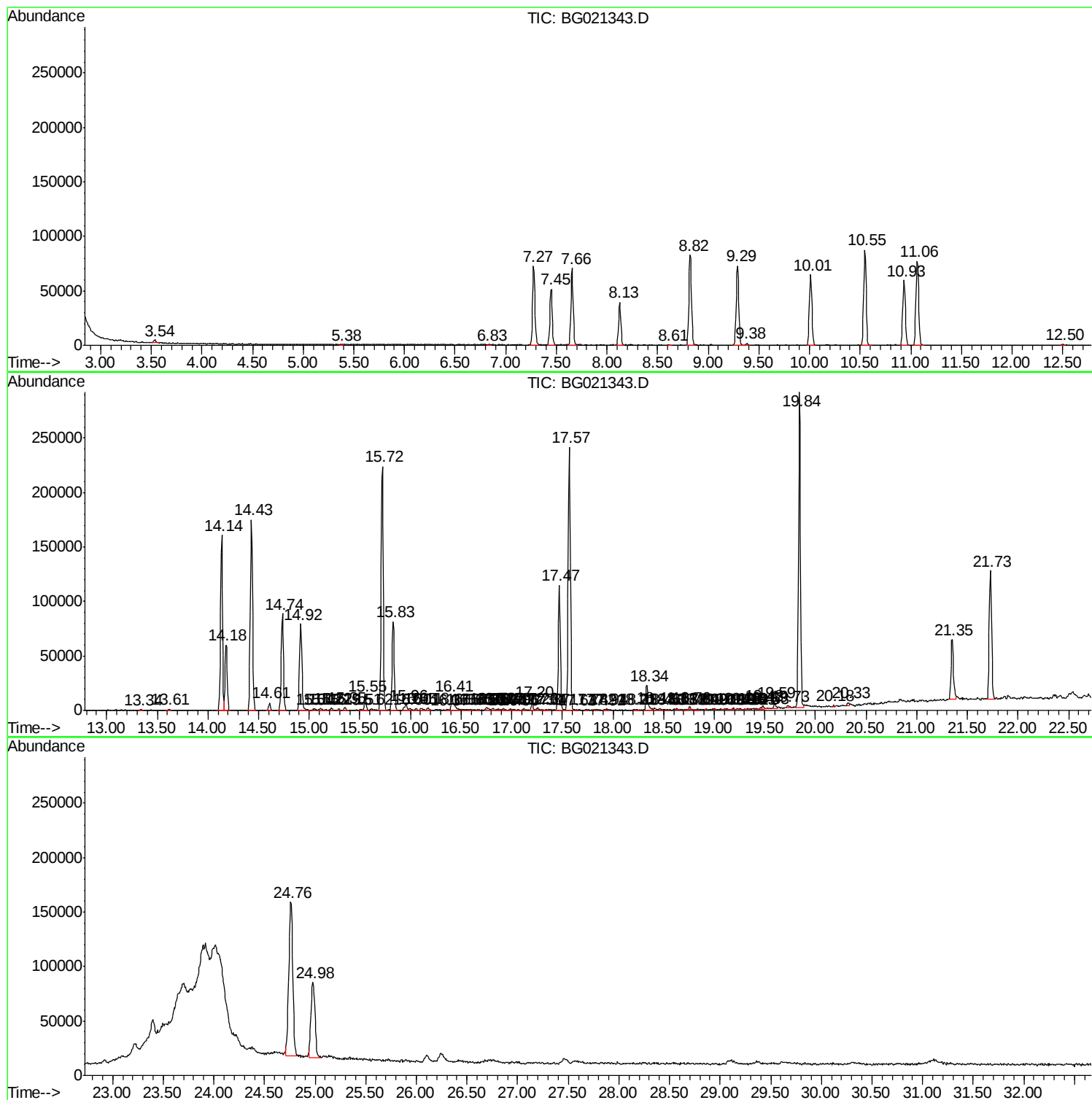
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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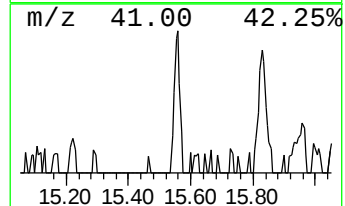
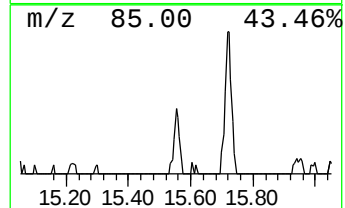
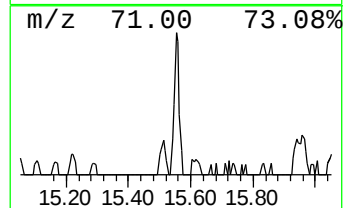
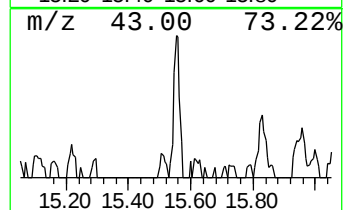
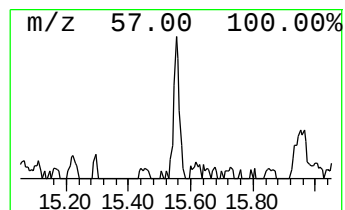
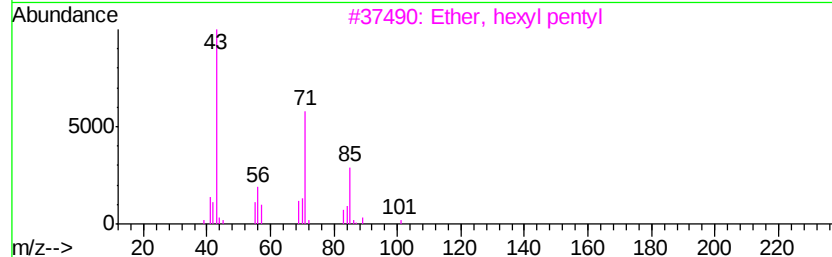
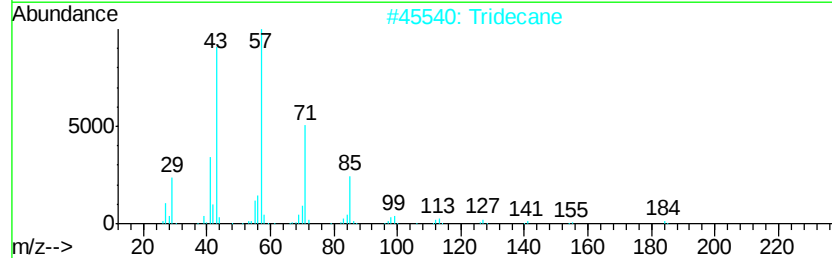
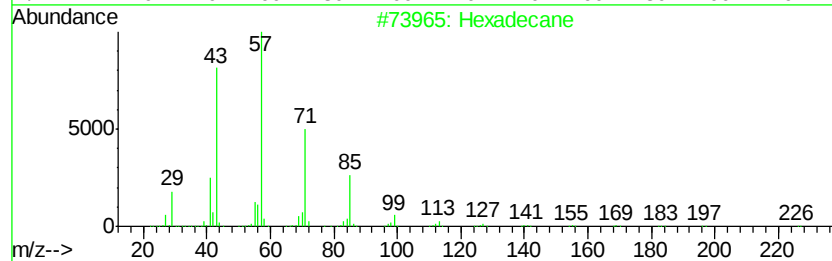
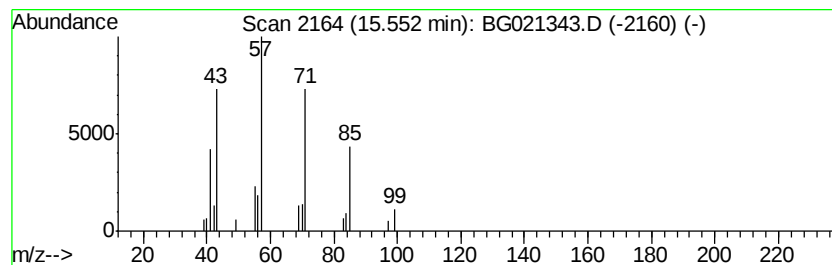
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.40 ng/ul	16648	Acenaphthene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Tridecane	184	C13H28	000629-50-5	64
3		Ether, hexyl pentyl	172	C11H24O	032357-83-8	40
4		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	40
5		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	38



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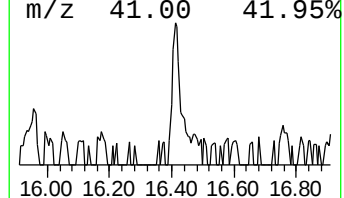
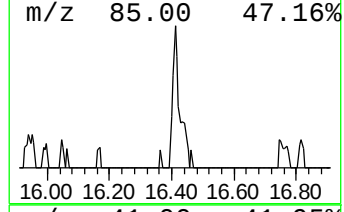
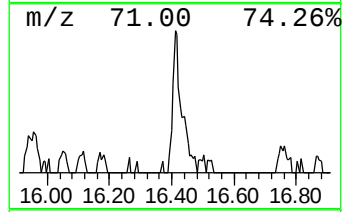
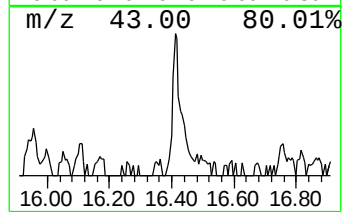
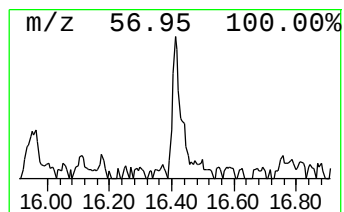
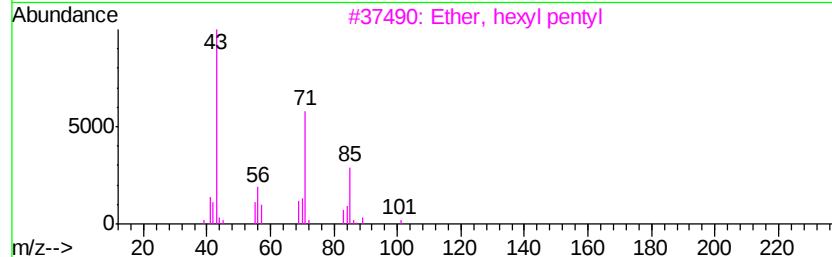
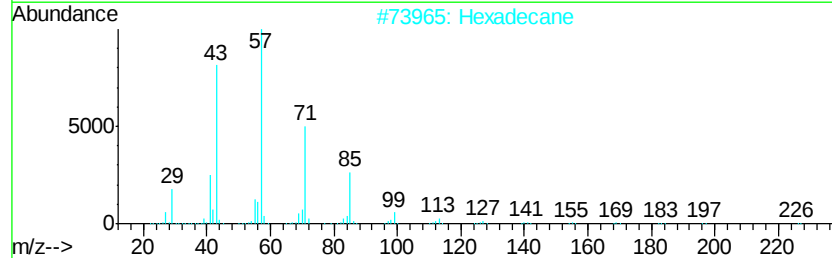
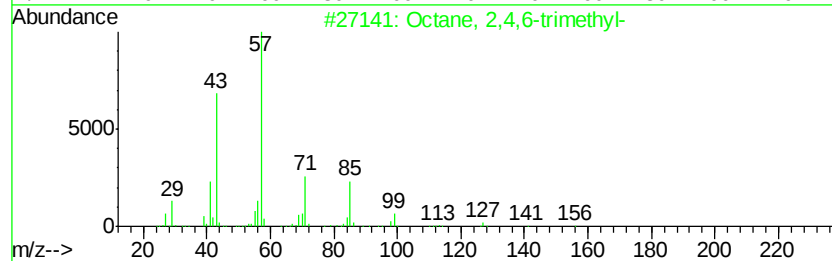
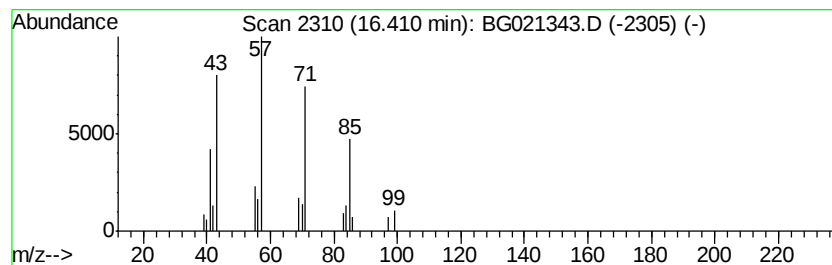
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.98 ng/ul	25026	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
2			Hexadecane	226	C16H34	000544-76-3	72
3			Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50



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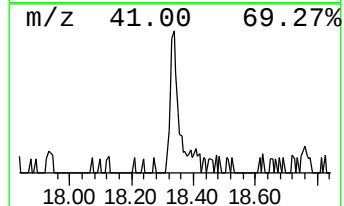
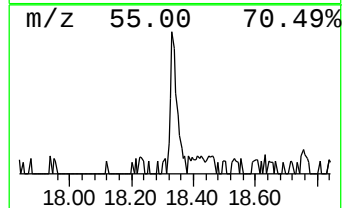
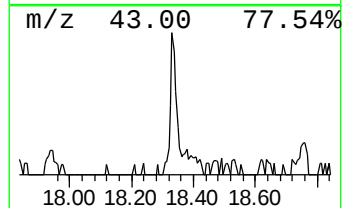
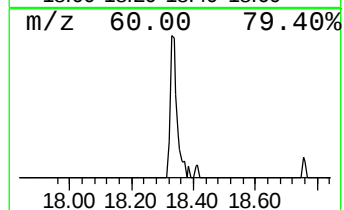
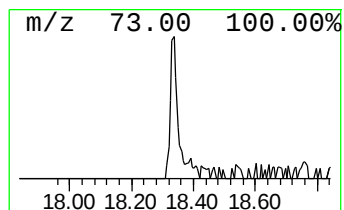
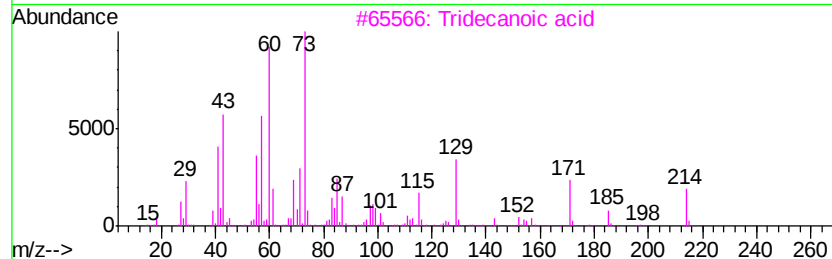
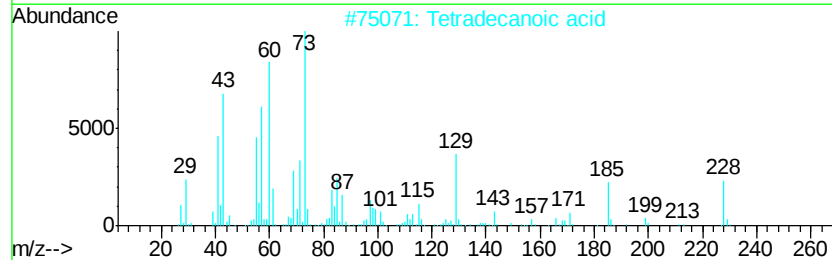
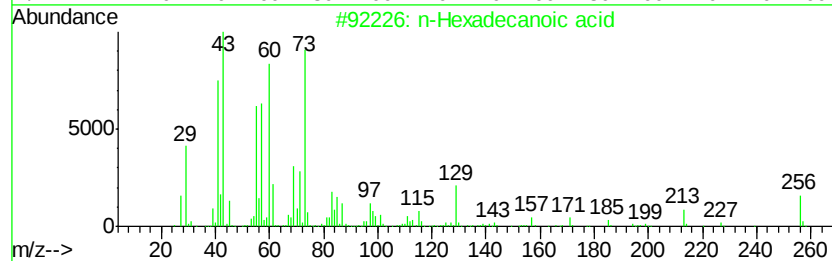
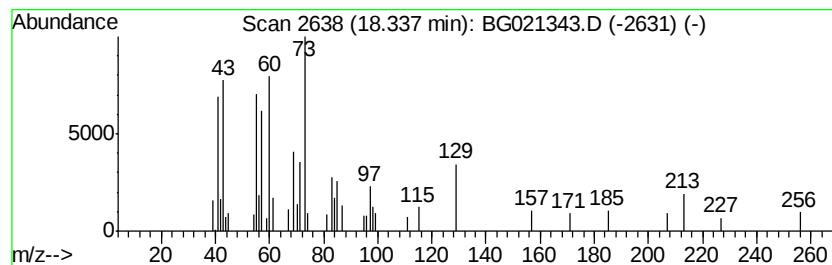
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.95 ng/ul	33221	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		Dodecanoic acid	200	C12H24O2	000143-07-7	58
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021343.D
Acq On : 7 Mar 2016 17:22
Operator : UM/SJ
Sample : H1625-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFH5

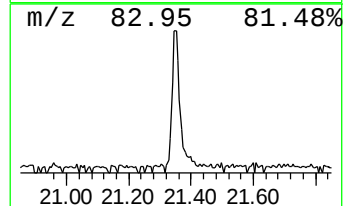
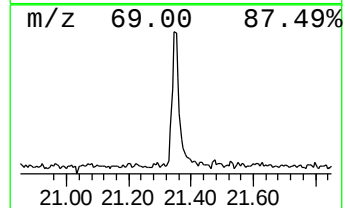
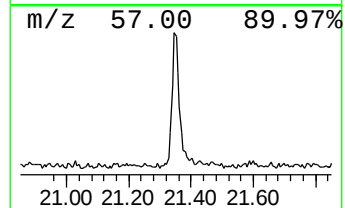
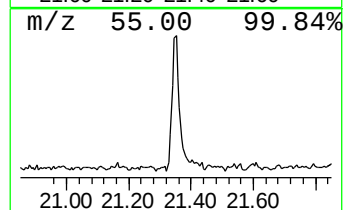
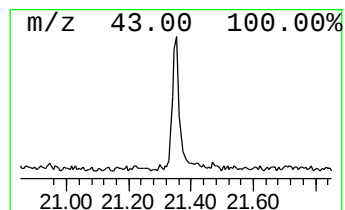
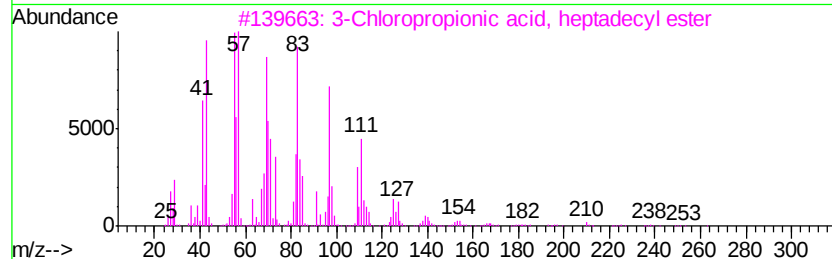
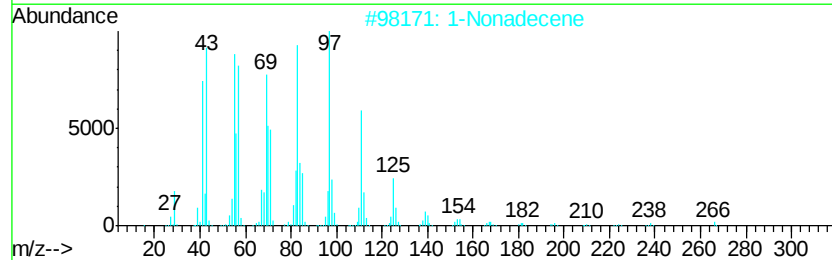
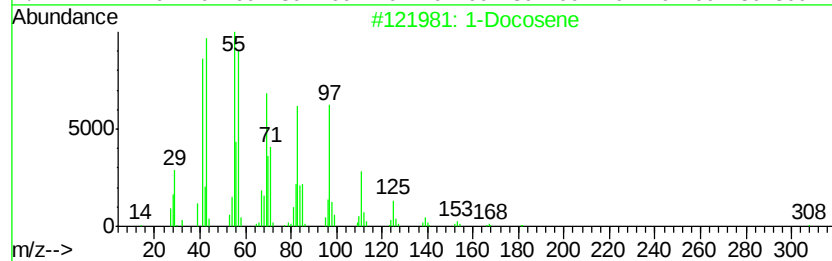
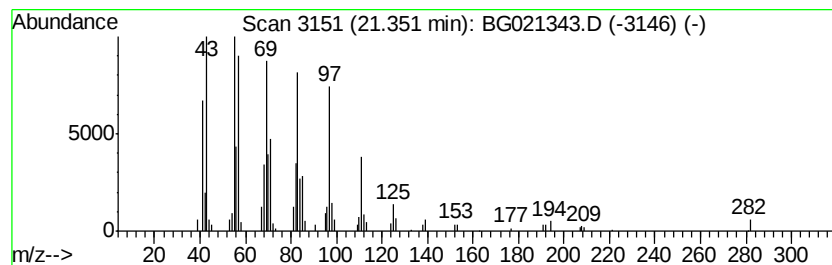
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	8.83 ng/ul	86153	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	93
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91



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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFM5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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...	15.55	2.4	ng/ul	16648	3	14.74	138894	20.0
(DEL) Alkane: Str...	16.41	3.0	ng/ul	25026	4	17.47	168093	20.0
n-Hexadecanoic acid	18.34	4.0	ng/ul	33221	4	17.47	168093	20.0
(DEL) Alkane: Cyc...	21.35	8.8	ng/ul	86153	5	21.73	195221	20.0