

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
 Data File : BG021344.D
 Acq On : 7 Mar 2016 18:01
 Operator : UM/SJ
 Sample : H1625-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFH6

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	3.532	114	118	124	rVB2	2283	3352	1.08%	0.080%
2	3.614	130	132	134	rBV2	754	579	0.19%	0.014%
3	3.667	139	141	144	rBV2	522	626	0.20%	0.015%
4	4.466	272	277	279	rBV2	548	836	0.27%	0.020%
5	4.660	307	310	312	rVB	481	608	0.20%	0.015%
6	4.689	312	315	317	rBV2	702	814	0.26%	0.020%
7	4.924	353	355	357	rBV	601	565	0.18%	0.014%
8	5.036	372	374	380	rVB3	424	602	0.19%	0.014%
9	7.274	749	755	765	rBB	56366	94279	30.35%	2.261%
10	7.445	778	784	792	rBB	39186	63504	20.44%	1.523%
11	7.656	813	820	827	rBB	51205	85905	27.66%	2.060%
12	8.126	894	900	906	rBV	40356	66414	21.38%	1.593%
13	8.820	1011	1018	1027	rBB2	66421	113705	36.61%	2.727%
14	9.290	1091	1098	1105	rVB	52628	92581	29.81%	2.220%
15	10.012	1213	1221	1228	rBB	45865	80465	25.90%	1.930%
16	10.547	1306	1312	1319	rBV2	65494	111675	35.95%	2.678%
17	10.935	1370	1378	1385	rBB	59362	106561	34.31%	2.556%
18	11.064	1394	1400	1411	rBB	52454	94501	30.42%	2.266%
19	12.503	1640	1645	1648	rBB2	1013	1207	0.39%	0.029%
20	13.614	1830	1834	1838	rBB2	2166	2944	0.95%	0.071%
21	14.131	1916	1922	1927	rBV	118347	165707	53.35%	3.974%
22	14.178	1927	1930	1936	rVB	44524	59112	19.03%	1.418%
23	14.431	1966	1973	1980	rBB	129333	199038	64.08%	4.773%
24	14.607	1999	2003	2007	rBB	6413	7706	2.48%	0.185%
25	14.730	2018	2024	2031	rVB2	87218	143794	46.29%	3.449%
26	14.912	2050	2055	2070	rBB2	57858	93536	30.11%	2.243%
27	15.053	2075	2079	2084	rBB2	1407	2266	0.73%	0.054%
28	15.095	2084	2086	2088	rBV2	994	1152	0.37%	0.028%
29	15.159	2095	2097	2100	rVB	1238	1240	0.40%	0.030%
30	15.218	2104	2107	2111	rVB2	2008	2374	0.76%	0.057%
31	15.294	2116	2120	2124	rBB2	1460	1728	0.56%	0.041%
32	15.512	2153	2157	2160	rBV	968	1399	0.45%	0.034%
33	15.553	2160	2164	2170	rVB	13818	17622	5.67%	0.423%
34	15.617	2170	2175	2178	rBV2	1435	1880	0.61%	0.045%

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35	15.717	2187	2192	2200	rVB	159817	247760	79.76%	5.942%
36	15.829	2205	2211	2221	rBB2	53326	78882	25.40%	1.892%
37	15.958	2224	2233	2237	rBV2	5068	9889	3.18%	0.237%
38	15.993	2237	2239	2245	rVV2	1440	2465	0.79%	0.059%
39	16.052	2246	2249	2252	rVB	1932	1933	0.62%	0.046%
40	16.105	2253	2258	2263	rBV3	2378	3577	1.15%	0.086%
41	16.176	2266	2270	2275	rVV2	2077	2670	0.86%	0.064%
42	16.252	2280	2283	2285	rBV2	686	587	0.19%	0.014%
43	16.299	2287	2291	2293	rBV	873	1014	0.33%	0.024%
44	16.364	2299	2302	2306	rBV2	992	1229	0.40%	0.029%
45	16.411	2306	2310	2318	rBV	14634	24766	7.97%	0.594%
46	16.534	2330	2331	2335	rBV2	595	728	0.23%	0.017%
47	16.751	2364	2368	2373	rBV4	2293	4957	1.60%	0.119%
48	16.816	2376	2379	2381	rVV	1324	1863	0.60%	0.045%
49	16.863	2381	2387	2391	rVV4	1301	3322	1.07%	0.080%
50	16.922	2391	2397	2402	rVV2	1523	2413	0.78%	0.058%
51	16.981	2405	2407	2409	rVV2	1060	1098	0.35%	0.026%
52	17.028	2413	2415	2418	rVV2	764	816	0.26%	0.020%
53	17.051	2418	2419	2422	rVV2	643	650	0.21%	0.016%
54	17.139	2431	2434	2435	rBV2	647	596	0.19%	0.014%
55	17.163	2435	2438	2441	rVV2	524	714	0.23%	0.017%
56	17.198	2441	2444	2449	rVV	7213	9780	3.15%	0.235%
57	17.257	2449	2454	2458	rVV4	2658	4432	1.43%	0.106%
58	17.298	2458	2461	2464	rVB4	725	842	0.27%	0.020%
59	17.368	2471	2473	2476	rVB4	735	580	0.19%	0.014%
60	17.468	2484	2490	2496	rBV2	117122	172620	55.57%	4.140%
61	17.568	2501	2507	2516	rVB	185649	269031	86.61%	6.452%
62	17.674	2523	2525	2530	rBB	837	906	0.29%	0.022%
63	17.827	2548	2551	2556	rVB3	986	1382	0.44%	0.033%
64	17.938	2566	2570	2575	rBV2	1946	2695	0.87%	0.065%
65	18.079	2589	2594	2596	rVB	884	799	0.26%	0.019%
66	18.226	2614	2619	2621	rBV2	1385	1953	0.63%	0.047%
67	18.273	2623	2627	2632	rBV2	2337	3737	1.20%	0.090%
68	18.332	2632	2637	2648	rBV	40920	58202	18.74%	1.396%
69	18.461	2657	2659	2664	rVB3	692	556	0.18%	0.013%
70	18.626	2683	2687	2691	rBV2	1657	2127	0.68%	0.051%
71	18.726	2701	2704	2705	rBV	703	668	0.22%	0.016%

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72	18.755	2705	2709	2712	rVB3	1620	2352	0.76%	0.056%
73	18.802	2715	2717	2721	rVB3	809	661	0.21%	0.016%
74	18.831	2721	2722	2725	rBV	813	574	0.18%	0.014%
75	18.925	2734	2738	2743	rVB2	24306	31713	10.21%	0.761%
76	19.008	2746	2752	2753	rBV2	754	1490	0.48%	0.036%
77	19.061	2758	2761	2762	rBV3	642	603	0.19%	0.014%
78	19.108	2768	2769	2772	rBV2	985	1136	0.37%	0.027%
79	19.184	2779	2782	2787	rVB4	1787	2324	0.75%	0.056%
80	19.249	2791	2793	2799	rVB4	1853	2706	0.87%	0.065%
81	19.296	2799	2801	2803	rBV	687	607	0.20%	0.015%
82	19.366	2810	2813	2814	rBV2	830	740	0.24%	0.018%
83	19.384	2814	2816	2819	rVB3	699	610	0.20%	0.015%
84	19.419	2819	2822	2826	rBV2	824	1149	0.37%	0.028%
85	19.478	2828	2832	2835	rBV5	4317	6182	1.99%	0.148%
86	19.554	2842	2845	2848	rBV2	3601	3366	1.08%	0.081%
87	19.595	2848	2852	2858	rVV4	10238	13376	4.31%	0.321%
88	19.842	2888	2894	2902	rBV	214366	310616	100.00%	7.449%
89	20.065	2930	2932	2934	rBV2	1198	915	0.29%	0.022%
90	20.212	2955	2957	2958	rBV	1794	912	0.29%	0.022%
91	20.271	2962	2967	2972	rBV7	4625	7682	2.47%	0.184%
92	20.324	2972	2976	2978	rVV4	7782	11664	3.76%	0.280%
93	20.347	2978	2980	2986	rVB4	10042	11211	3.61%	0.269%
94	20.841	3060	3064	3070	rBV4	12321	16985	5.47%	0.407%
95	21.352	3145	3151	3160	rBV	155044	242100	77.94%	5.806%
96	21.728	3209	3215	3227	rBV	134765	214696	69.12%	5.149%
97	21.898	3241	3244	3251	rVB4	14435	24583	7.91%	0.590%
98	22.539	3345	3353	3368	rVB	112060	234516	75.50%	5.624%
99	24.760	3722	3731	3741	rVB	105868	281287	90.56%	6.746%
100	24.977	3760	3768	3780	rVB2	69120	200411	64.52%	4.806%

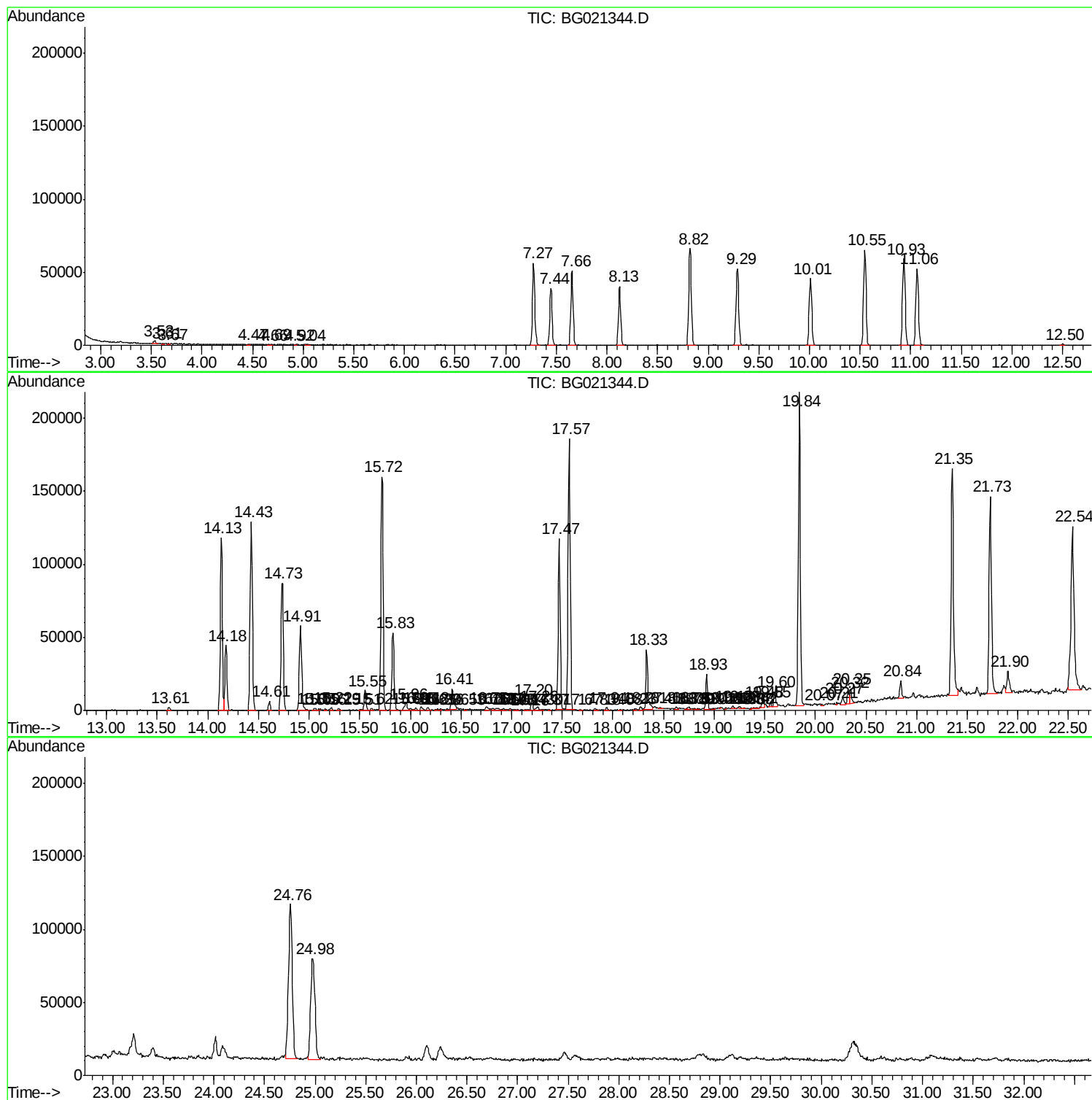
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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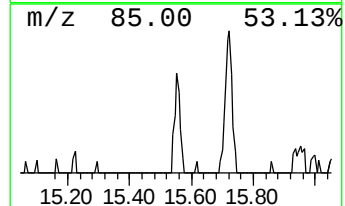
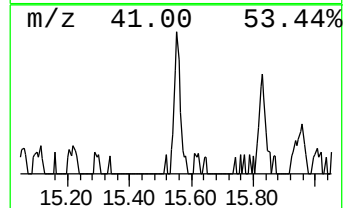
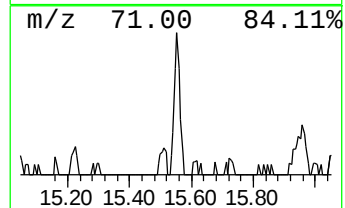
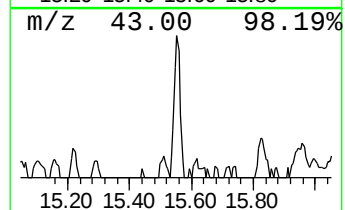
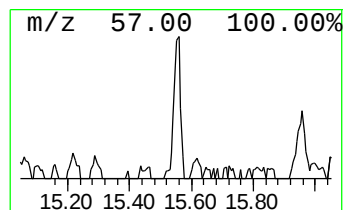
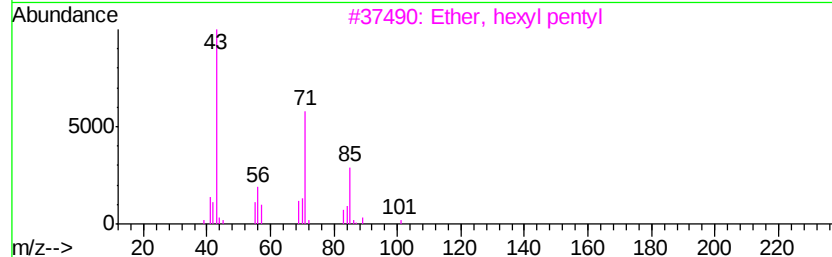
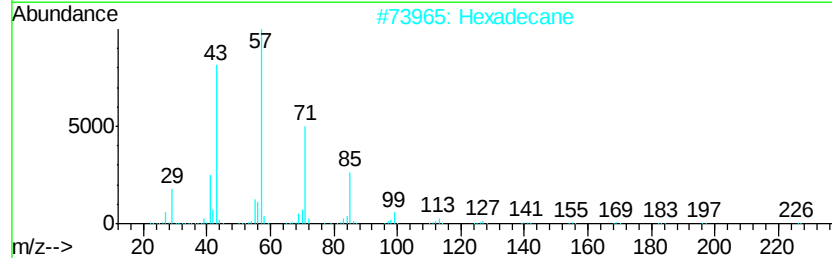
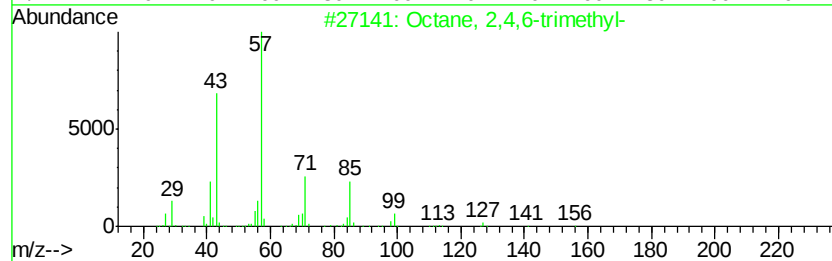
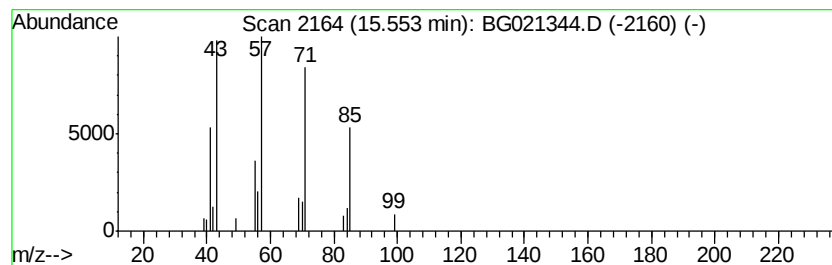
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.55	2.45 ng/ul	17622	Acenaphthene-d10		14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2			Hexadecane	226	C16H34	000544-76-3	72
3			Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	56
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	45



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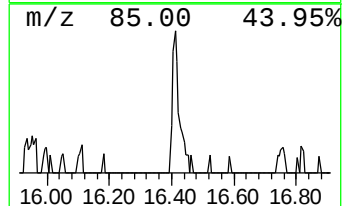
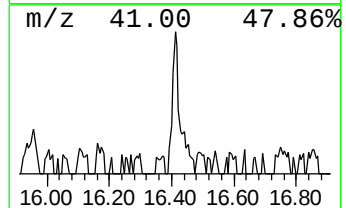
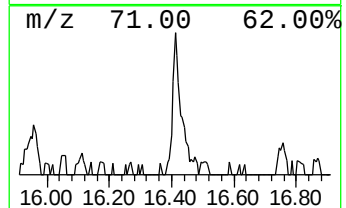
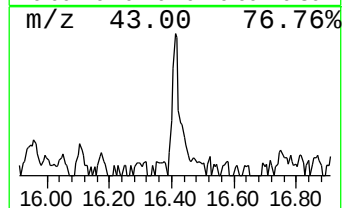
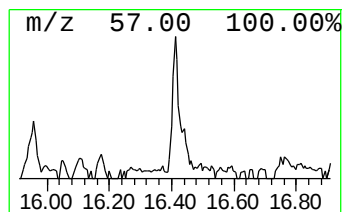
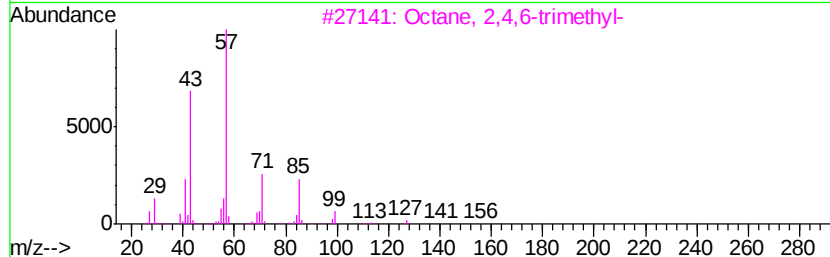
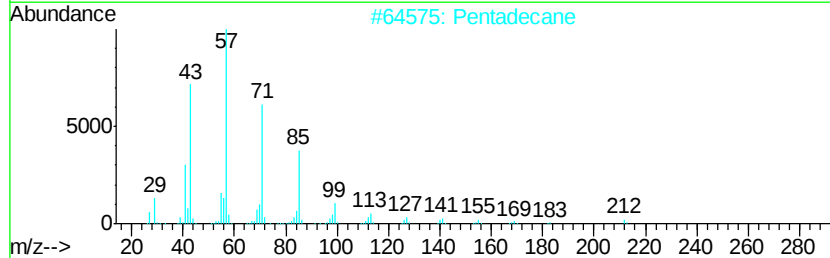
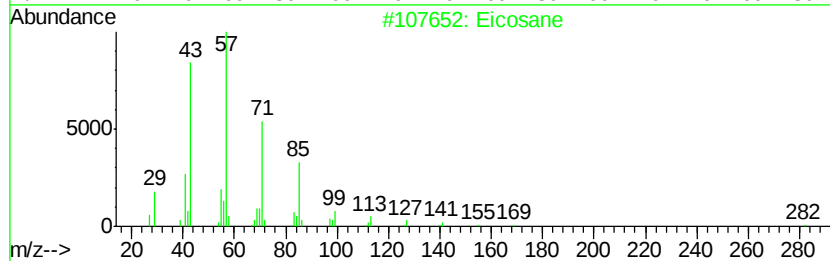
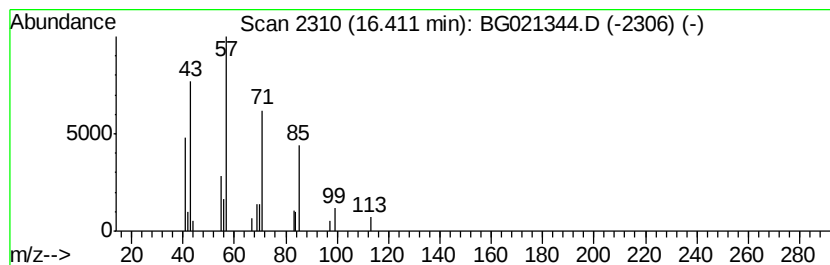
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.87 ng/ul	24766	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Pentadecane	212	C15H32	000629-62-9	72
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
4		Pentadecane	212	C15H32	000629-62-9	72
5		Tetradecane	198	C14H30	000629-59-4	72



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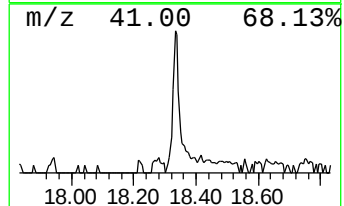
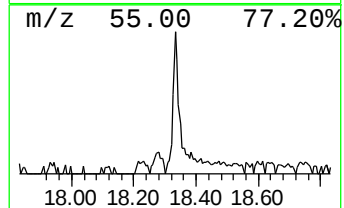
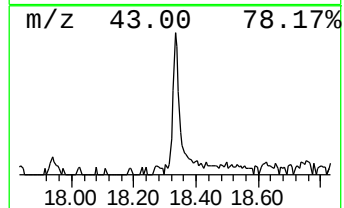
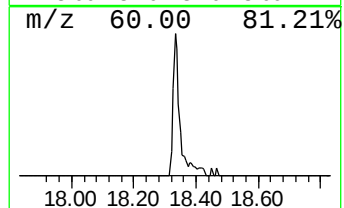
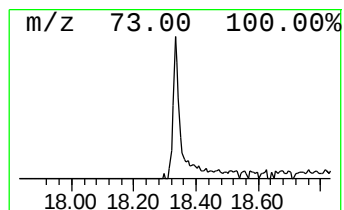
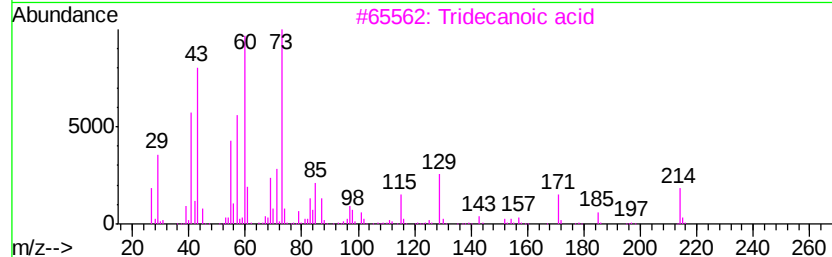
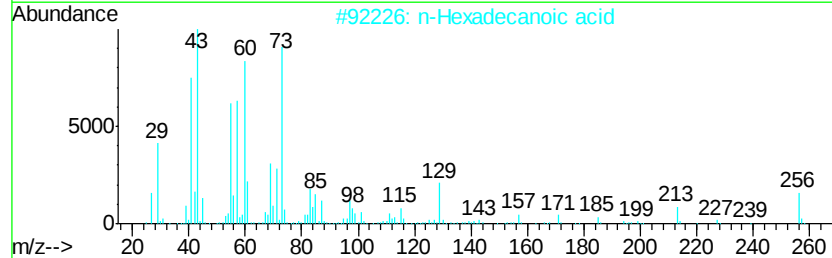
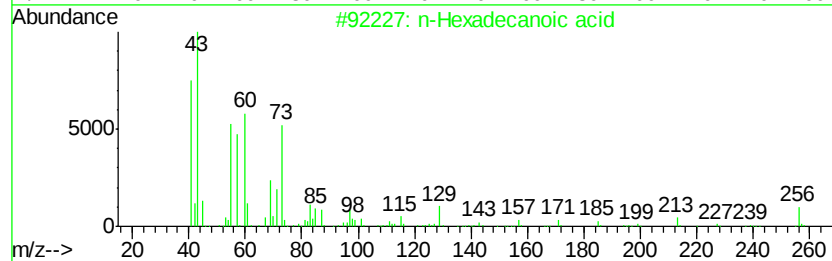
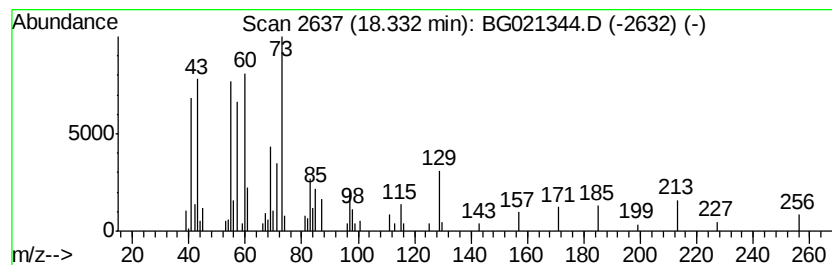
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	6.74 ng/ul	58202	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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Sample : H1625-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFH6

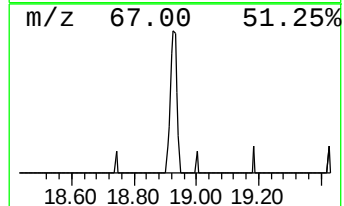
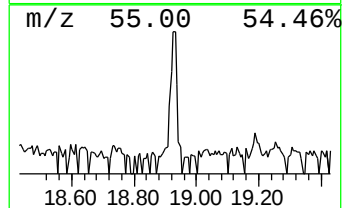
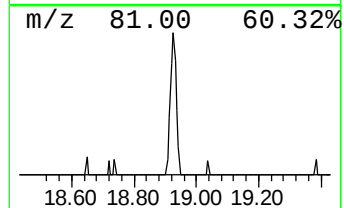
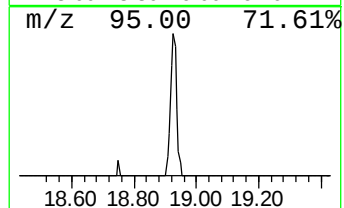
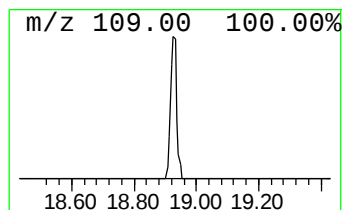
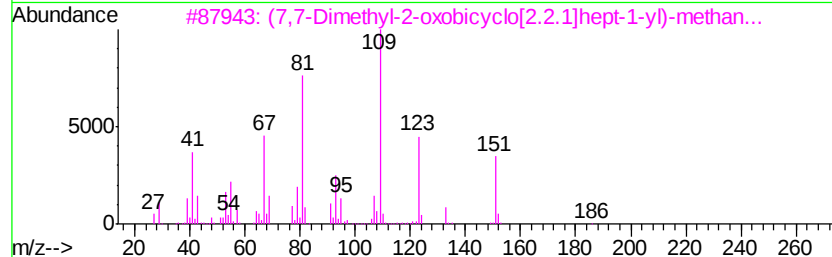
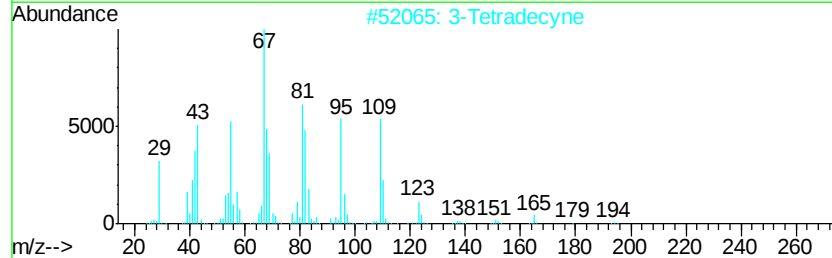
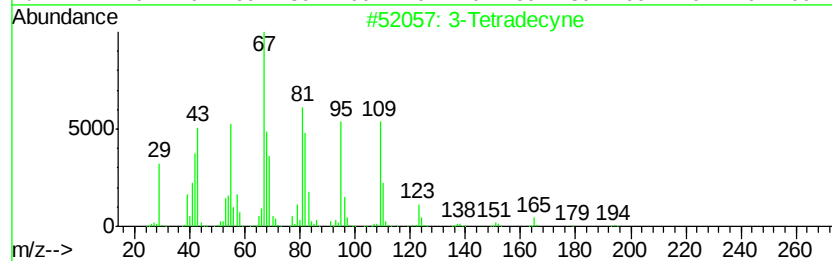
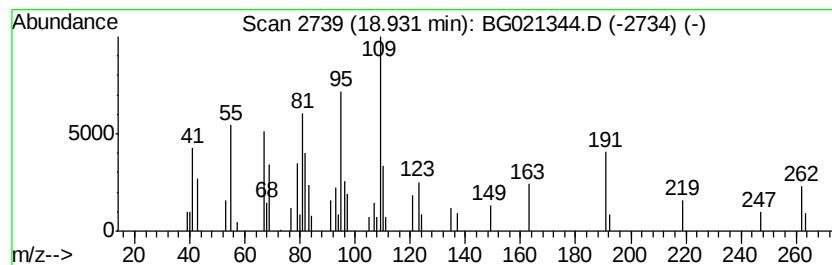
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Branched18.93 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	3.67 ng/ul	31713	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Tetradecyne	194	C14H26	060212-32-0	64
2	3	Tetradecyne	194	C14H26	060212-32-0	64
3	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	43	
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-51-5	38	
5	8-Hexadecyne	222	C16H30	019781-86-3	38	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021344.D
Acq On : 7 Mar 2016 18:01
Operator : UM/SJ
Sample : H1625-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFH6

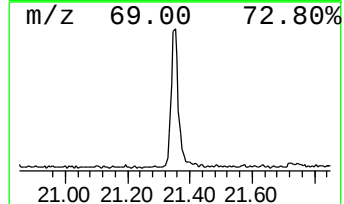
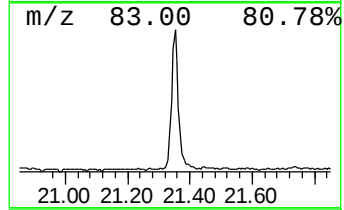
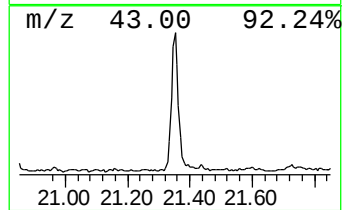
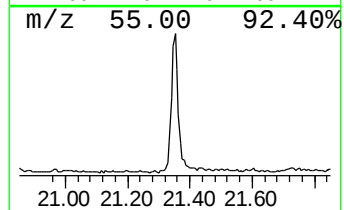
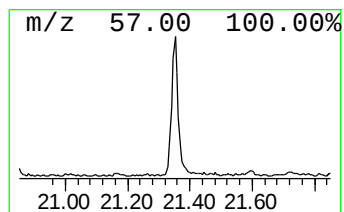
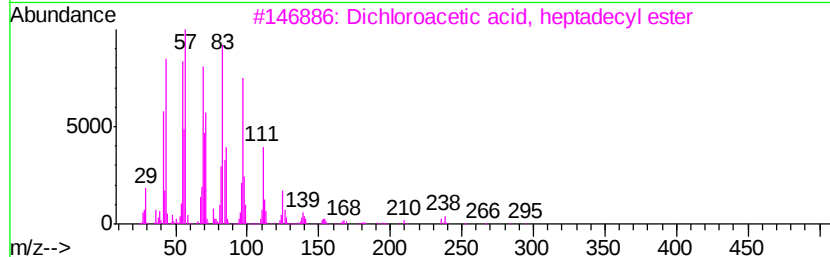
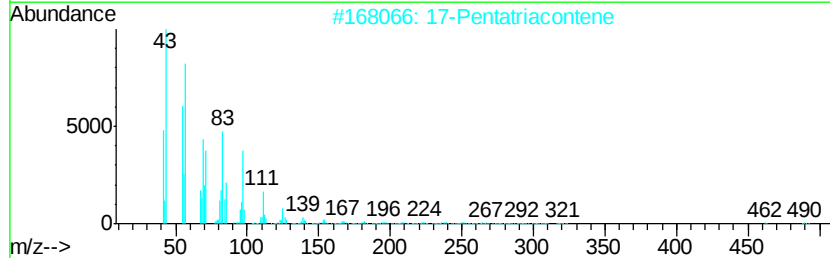
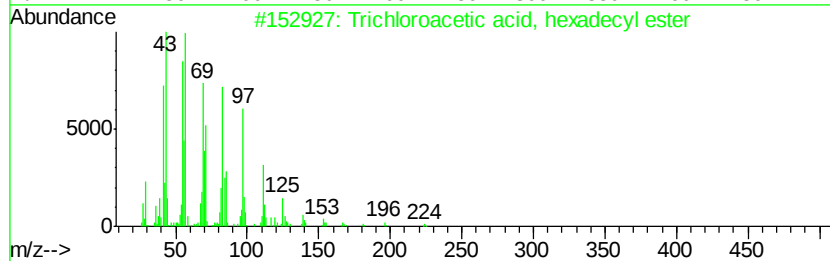
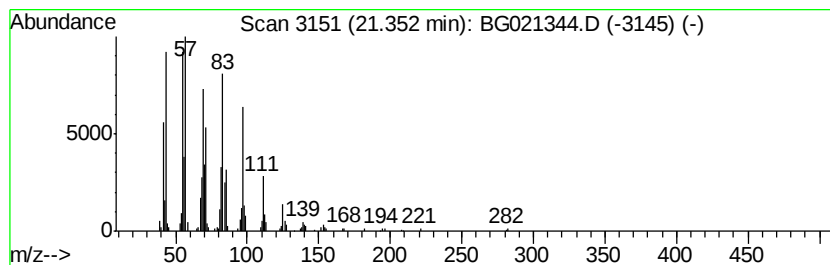
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	22.55 ng/ul	242100	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		17-Pentatriacontene	491	C35H70	006971-40-0	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021344.D
Acq On : 7 Mar 2016 18:01
Operator : UM/SJ
Sample : H1625-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFH6

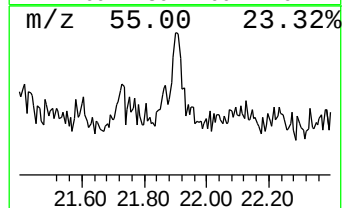
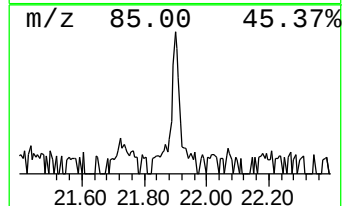
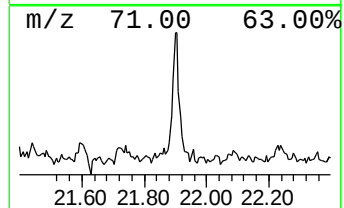
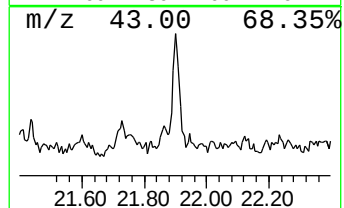
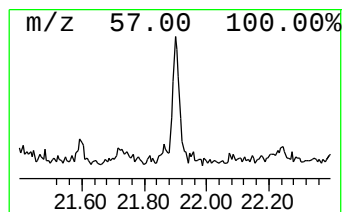
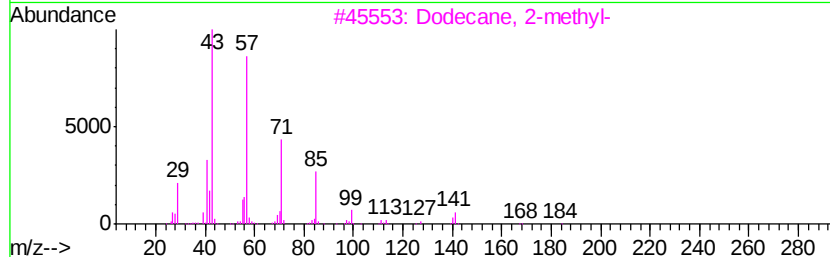
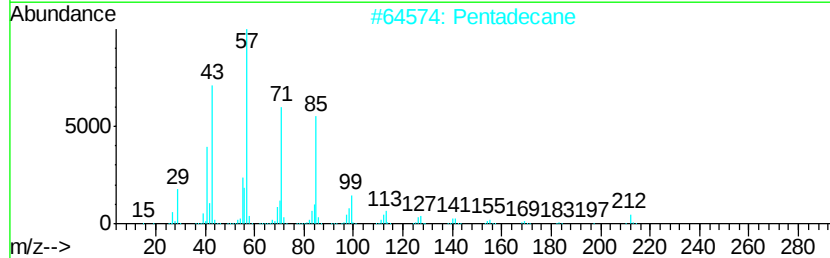
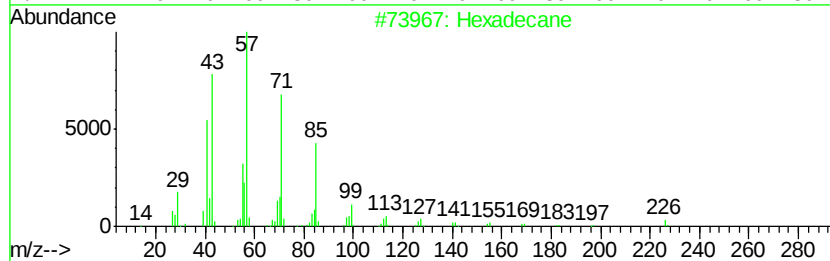
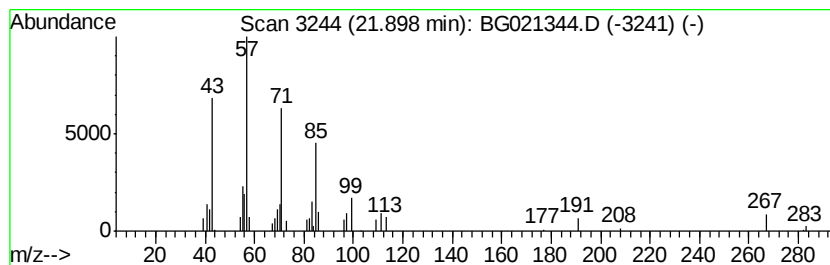
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	2.29 ng/ul	24583	Chrysene-d12	21.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	64
2			Pentadecane	212	C15H32	000629-62-9	64
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			Heptadecane	240	C17H36	000629-78-7	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
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Acq On : 7 Mar 2016 18:01
Operator : UM/SJ
Sample : H1625-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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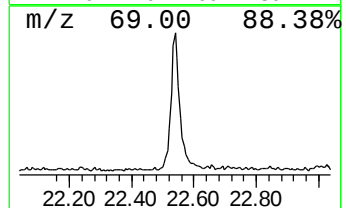
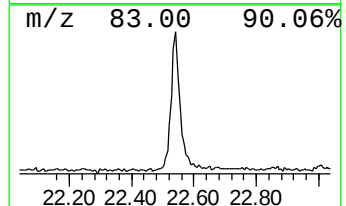
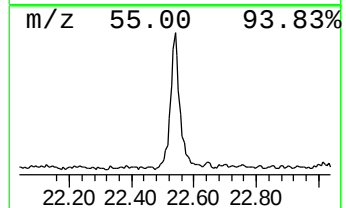
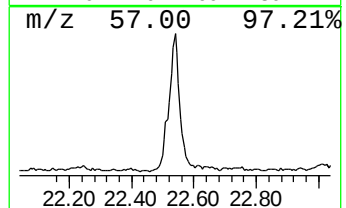
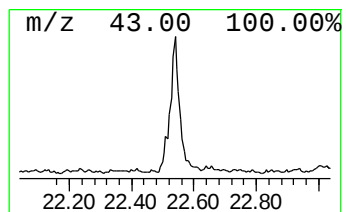
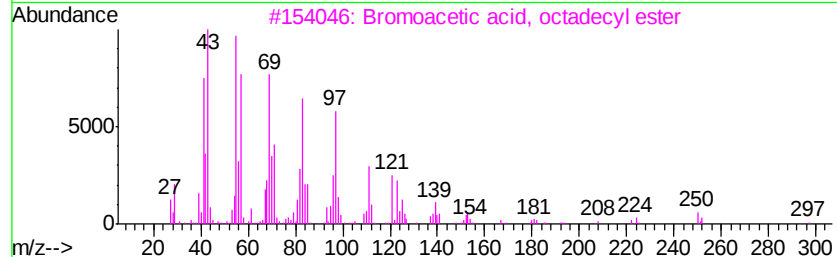
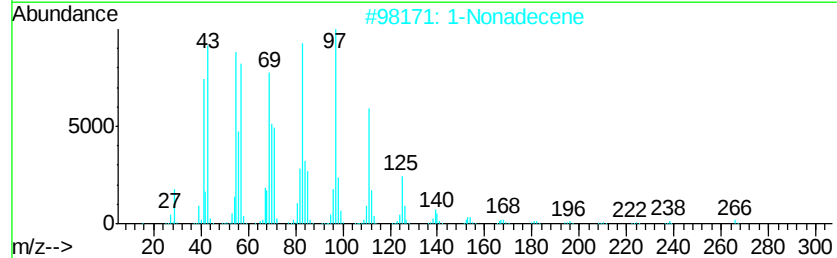
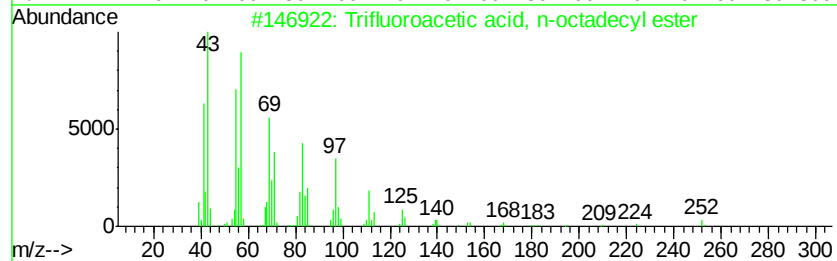
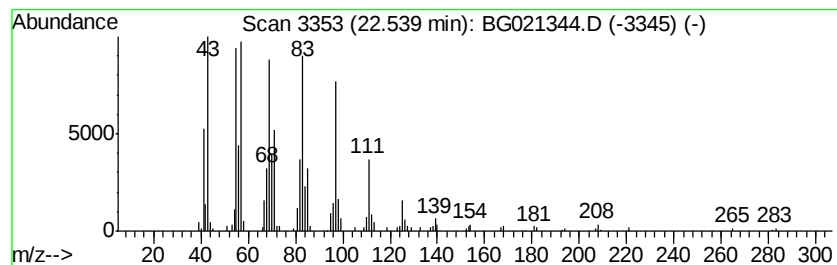
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Trifluoroacetic acid, n-oct... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	21.85 ng/ul	234516	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
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Acq On : 7 Mar 2016 18:01
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Sample : H1625-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFH6

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	2.5	ng/ul	17622	3	14.73	143794	20.0
(DEL) Alkane: Str...	16.41	2.9	ng/ul	24766	4	17.47	172620	20.0
n-Hexadecanoic acid	18.33	6.7	ng/ul	58202	4	17.47	172620	20.0
(DEL) Alkane: Bra...	18.93	3.7	ng/ul	31713	4	17.47	172620	20.0
Trichloroacetic a...	21.35	22.6	ng/ul	242100	5	21.73	214696	20.0
(DEL) Alkane: Str...	21.90	2.3	ng/ul	24583	5	21.73	214696	20.0
Trifluoroacetic a...	22.54	21.9	ng/ul	234516	5	21.73	214696	20.0