

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021486.D
 Acq On : 24 Mar 2016 15:41
 Operator : UM/SJ
 Sample : H1909-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T55

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-BG031616.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	3.113	43	47	57	rBV	23368	41240	12.28%	0.780%
2	3.196	57	61	63	rVV	1999	2729	0.81%	0.052%
3	7.209	738	744	753	rBB	46487	78237	23.29%	1.480%
4	7.338	761	766	771	rBV	26251	45059	13.42%	0.853%
5	7.391	771	775	783	rVB	22307	36539	10.88%	0.691%
6	7.638	812	817	828	rBB2	29457	53319	15.88%	1.009%
7	8.066	884	890	896	rBB	25358	40760	12.14%	0.771%
8	8.848	1017	1023	1032	rBB	36363	61425	18.29%	1.162%
9	9.236	1083	1089	1095	rBV	30601	52728	15.70%	0.998%
10	9.958	1206	1212	1213	rBV3	23207	37250	11.09%	0.705%
11	9.982	1213	1216	1224	rVB	36567	65338	19.45%	1.236%
12	10.569	1311	1316	1326	rBB2	35377	61387	18.28%	1.162%
13	10.869	1360	1367	1372	rBV2	40372	71100	21.17%	1.345%
14	10.922	1372	1376	1382	rVB	15270	25114	7.48%	0.475%
15	11.022	1388	1393	1397	rBV	4912	7169	2.13%	0.136%
16	11.192	1417	1422	1427	rBB2	30245	46768	13.92%	0.885%
17	12.244	1595	1601	1610	rBB	30324	50564	15.05%	0.957%
18	12.732	1678	1684	1691	rBB	40695	64179	19.11%	1.214%
19	12.878	1704	1709	1714	rBB2	15494	22770	6.78%	0.431%
20	13.143	1749	1754	1762	rBB	32134	49613	14.77%	0.939%
21	13.513	1808	1817	1823	rBV	81504	125666	37.42%	2.378%
22	13.560	1823	1825	1829	rVB2	1349	1435	0.43%	0.027%
23	14.077	1908	1913	1917	rBV	58230	81178	24.17%	1.536%
24	14.124	1917	1921	1928	rVB	62232	86099	25.64%	1.629%
25	14.259	1939	1944	1949	rBB	33054	46676	13.90%	0.883%
26	14.377	1957	1964	1971	rBB	92058	143910	42.85%	2.723%
27	14.547	1989	1993	1997	rBB	5141	6430	1.91%	0.122%
28	14.676	2010	2015	2022	rBB2	68003	104404	31.09%	1.975%
29	15.076	2075	2083	2095	rBV3	72487	163519	48.69%	3.094%
30	15.493	2150	2154	2158	rBB	11626	13481	4.01%	0.255%
31	15.663	2177	2183	2191	rBB	132527	195238	58.13%	3.694%
32	15.793	2200	2205	2212	rVB4	28907	52277	15.56%	0.989%
33	15.898	2215	2223	2227	rBV4	3159	6633	1.97%	0.126%
34	15.998	2237	2240	2243	rVB	1300	1239	0.37%	0.023%

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35	16.045	2245	2248	2253	rVB	1509	1966	0.59%	0.037%
36	16.110	2256	2259	2263	rBV2	1980	2447	0.73%	0.046%
37	16.351	2296	2300	2310	rVV2	10091	18870	5.62%	0.357%
38	16.621	2342	2346	2349	rVB	1244	1246	0.37%	0.024%
39	16.680	2352	2356	2357	rBV	1807	1889	0.56%	0.036%
40	16.715	2357	2362	2372	rVV	29369	46347	13.80%	0.877%
41	16.815	2375	2379	2382	rVV2	1084	1389	0.41%	0.026%
42	16.862	2384	2387	2390	rVV3	944	1273	0.38%	0.024%
43	16.921	2393	2397	2400	rBV3	1687	2143	0.64%	0.041%
44	17.091	2421	2426	2431	rBV2	14997	21366	6.36%	0.404%
45	17.144	2431	2435	2438	rBV	4503	5844	1.74%	0.111%
46	17.414	2474	2481	2485	rBV	96311	146285	43.55%	2.768%
47	17.455	2485	2488	2493	rVV	141661	198235	59.02%	3.751%
48	17.514	2493	2498	2502	rVV	173234	262114	78.04%	4.960%
49	17.549	2502	2504	2511	rVB	56482	66925	19.93%	1.266%
50	17.608	2511	2514	2518	rBB	1093	1329	0.40%	0.025%
51	17.773	2532	2542	2545	rBV3	9935	15513	4.62%	0.294%
52	17.878	2556	2560	2564	rVB4	1769	2478	0.74%	0.047%
53	17.961	2569	2574	2575	rBV4	1382	1139	0.34%	0.022%
54	17.984	2575	2578	2580	rVV3	1468	1283	0.38%	0.024%
55	18.055	2588	2590	2595	rVB2	2005	2555	0.76%	0.048%
56	18.161	2604	2608	2611	rBB2	1034	1612	0.48%	0.031%
57	18.278	2622	2628	2630	rBV3	1584	2583	0.77%	0.049%
58	18.296	2630	2631	2636	rVV3	1157	1316	0.39%	0.025%
59	18.354	2636	2641	2649	rVB	68633	88907	26.47%	1.682%
60	18.490	2660	2664	2667	rVB4	1014	1525	0.45%	0.029%
61	18.572	2672	2678	2680	rBV5	1556	2764	0.82%	0.052%
62	18.607	2680	2684	2688	rVB5	1370	1936	0.58%	0.037%
63	18.678	2692	2696	2698	rBV3	1036	1290	0.38%	0.024%
64	18.813	2714	2719	2722	rBV3	2139	3079	0.92%	0.058%
65	18.954	2739	2743	2744	rVB2	1201	1089	0.32%	0.021%
66	18.995	2748	2750	2752	rBV3	1294	1384	0.41%	0.026%
67	19.024	2752	2755	2759	rVB5	1176	1657	0.49%	0.031%
68	19.130	2768	2773	2776	rBV3	3942	6298	1.88%	0.119%
69	19.195	2780	2784	2789	rVB6	2207	3490	1.04%	0.066%
70	19.294	2798	2801	2802	rBV4	1537	1323	0.39%	0.025%
71	19.347	2807	2810	2812	rBV2	1450	1817	0.54%	0.034%

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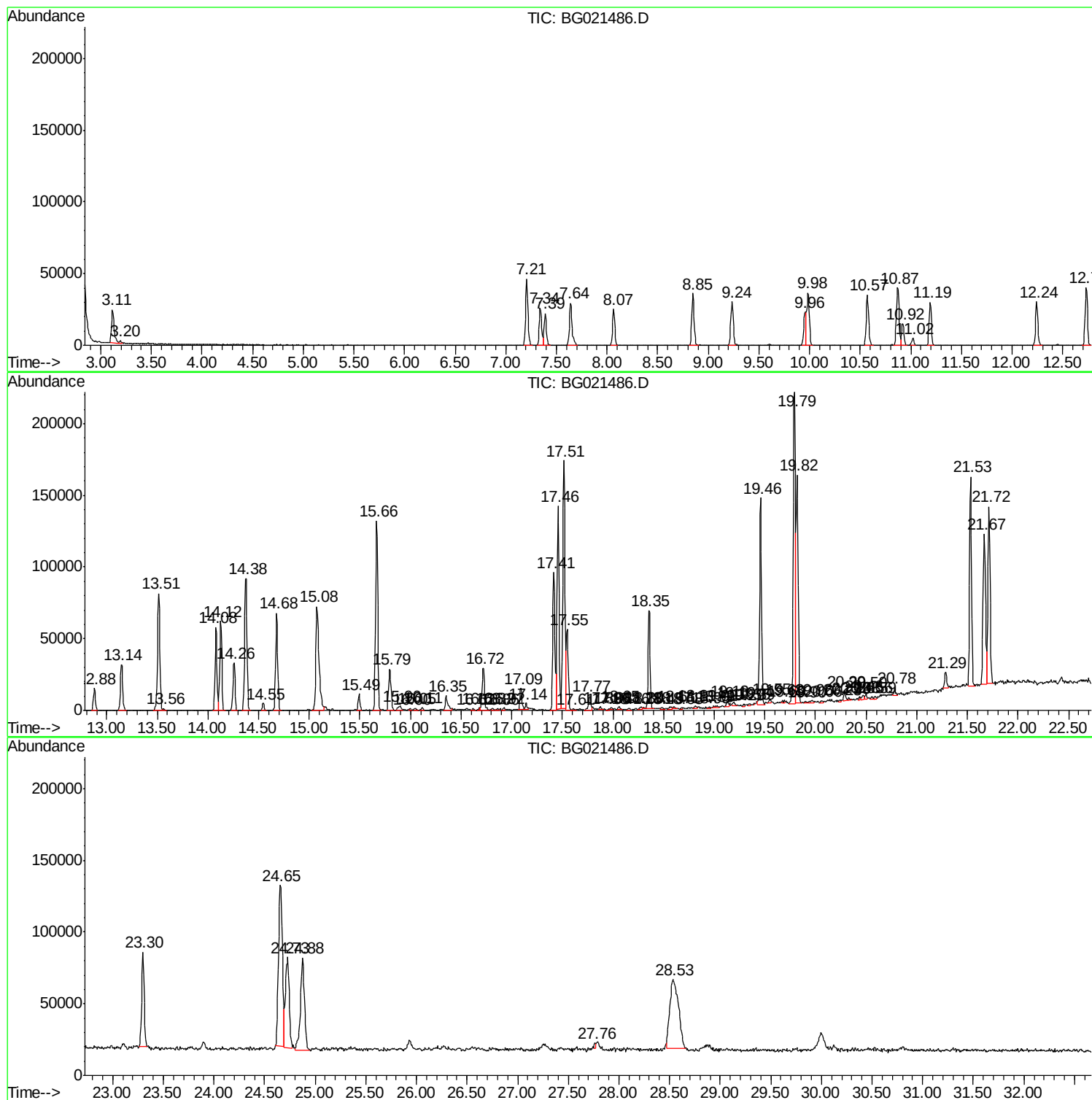
72	19.394	2816	2818	2819	rBV2	1478	1086	0.32%	0.021%
73	19.459	2823	2829	2835	rVB	144458	202982	60.44%	3.841%
74	19.553	2841	2845	2847	rBV5	2993	3737	1.11%	0.071%
75	19.676	2864	2866	2867	rVV2	2082	1323	0.39%	0.025%
76	19.694	2867	2869	2870	rVV2	1947	1522	0.45%	0.029%
77	19.794	2876	2886	2888	rBV	217635	335863	100.00%	6.355%
78	19.817	2888	2890	2897	rVB	159188	198619	59.14%	3.758%
79	19.900	2901	2904	2907	rBV5	1141	1481	0.44%	0.028%
80	19.964	2909	2915	2919	rBV6	1812	3173	0.94%	0.060%
81	20.058	2928	2931	2935	rBV5	1323	2347	0.70%	0.044%
82	20.246	2959	2963	2964	rBV4	1315	1802	0.54%	0.034%
83	20.287	2967	2970	2975	rVB5	6617	8433	2.51%	0.160%
84	20.329	2975	2977	2981	rBV4	2028	1812	0.54%	0.034%
85	20.434	2993	2995	2996	rBV2	2699	2155	0.64%	0.041%
86	20.464	2998	3000	3003	rVV4	3118	4221	1.26%	0.080%
87	20.499	3004	3006	3009	rVV2	4994	4054	1.21%	0.077%
88	20.558	3013	3016	3019	rBV5	1836	2587	0.77%	0.049%
89	20.587	3019	3021	3024	rBV2	1775	2127	0.63%	0.040%
90	20.781	3051	3054	3058	rVB5	5051	5600	1.67%	0.106%
91	21.286	3136	3140	3145	rBV4	11250	16752	4.99%	0.317%
92	21.533	3177	3182	3188	rVB	146282	193306	57.56%	3.658%
93	21.668	3199	3205	3209	rBV	104845	179831	53.54%	3.403%
94	21.715	3209	3213	3218	rVB	123488	193319	57.56%	3.658%
95	23.296	3476	3482	3489	rVB	66003	118711	35.35%	2.246%
96	24.653	3705	3713	3720	rBV2	111899	304286	90.60%	5.757%
97	24.729	3720	3726	3734	rVV	63129	156521	46.60%	2.962%
98	24.876	3738	3751	3762	rVB	64756	183237	54.56%	3.467%
99	27.761	4240	4242	4243	rBV2	3359	2760	0.82%	0.052%
100	28.531	4362	4373	4394	rVB4	47972	285215	84.92%	5.397%

Sum of corrected areas: 5285041

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
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```
TIC Library      : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P
```



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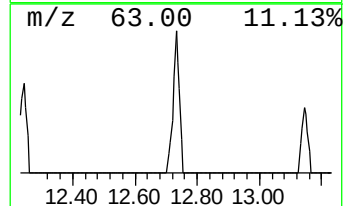
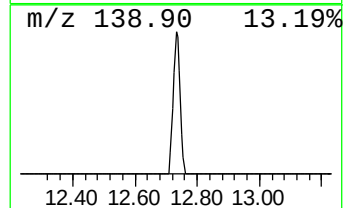
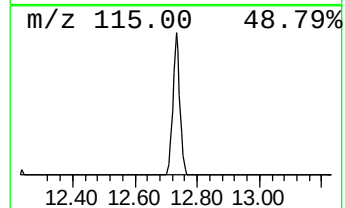
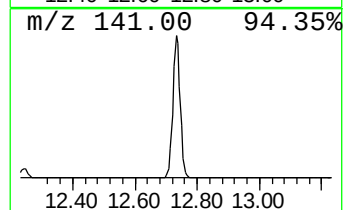
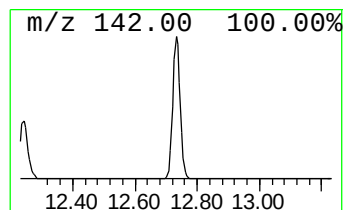
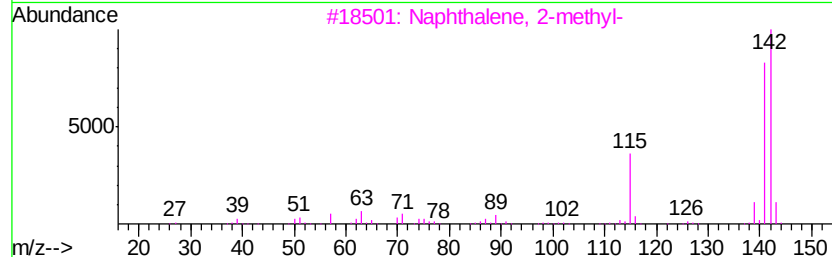
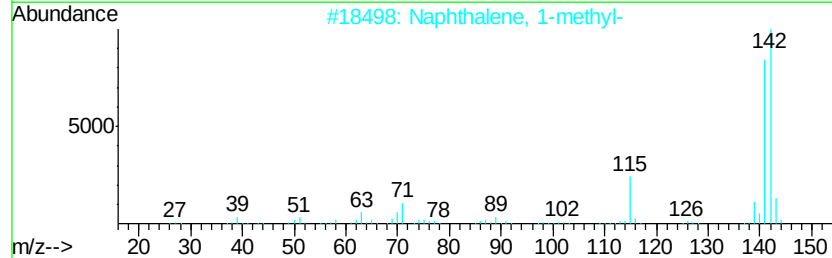
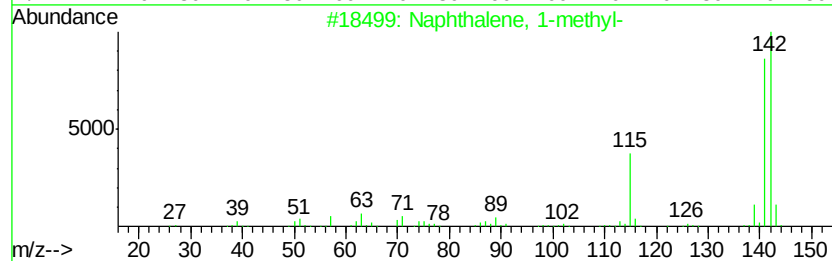
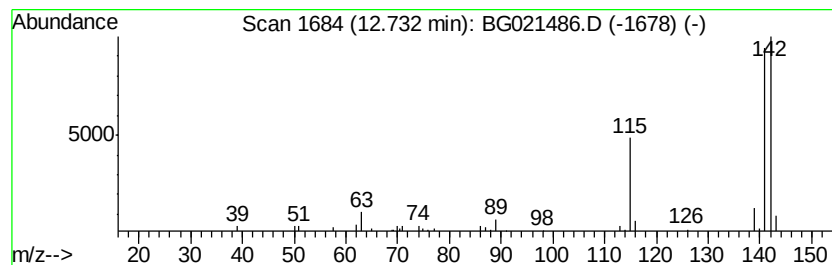
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	18.05 ng/ul	64179	Naphthalene-d8	10.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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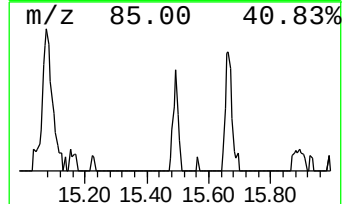
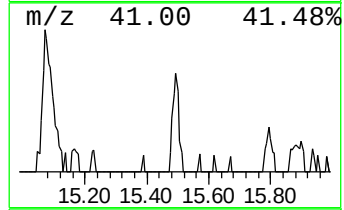
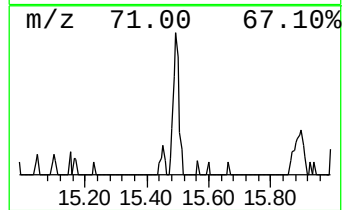
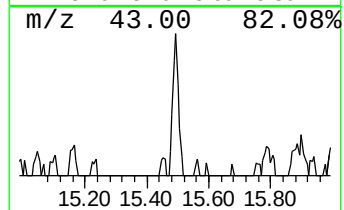
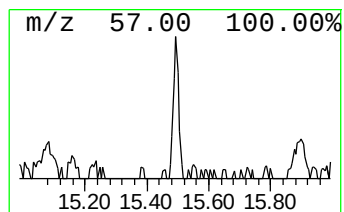
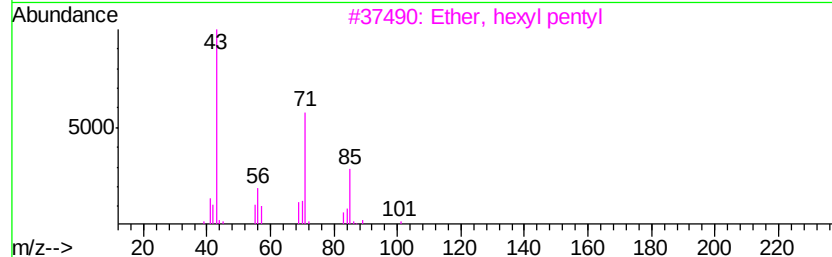
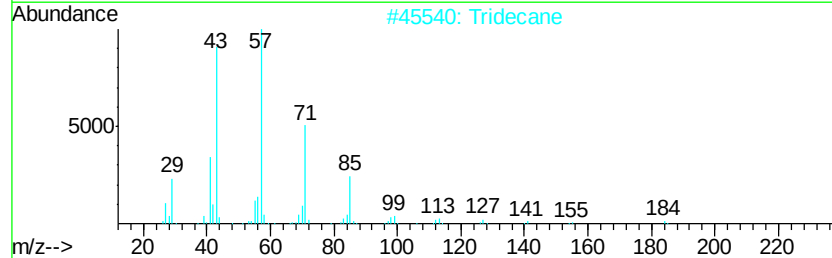
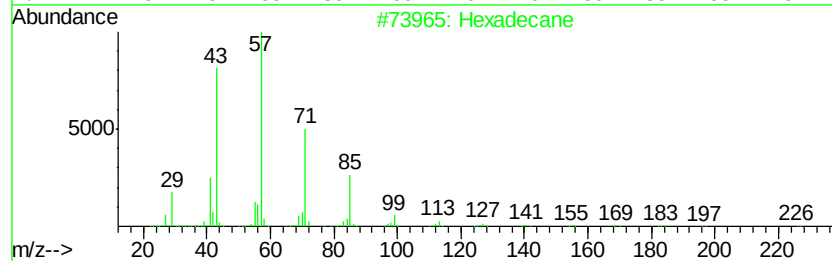
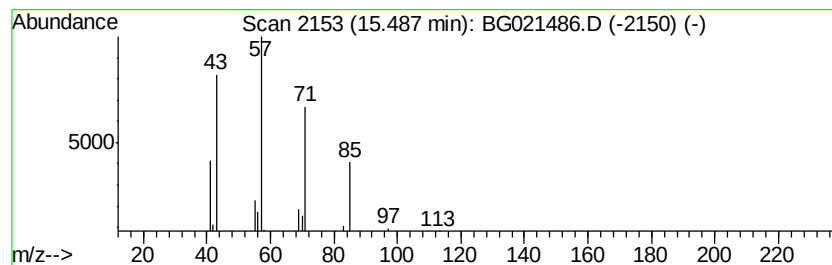
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.58 ng/ul	13481	Acenaphthene-d10	14.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	72
2	Tridecane		184	C13H28	000629-50-5	72
3	Ether, hexyl pentyl		172	C11H24O	032357-83-8	53
4	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	47
5	Hexane, 2,2,3,3-tetramethyl-		142	C10H22	013475-81-5	42



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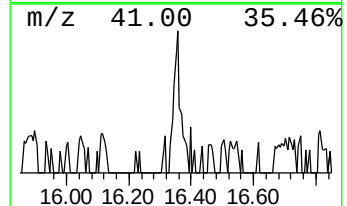
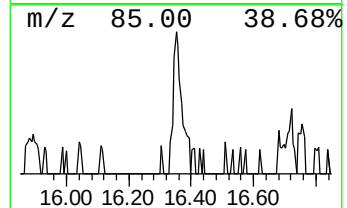
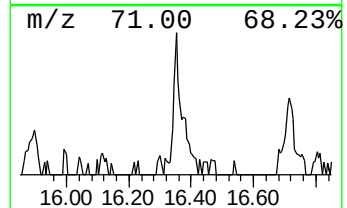
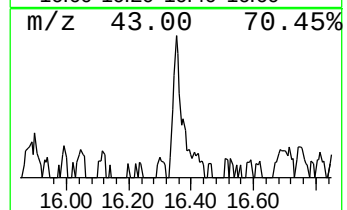
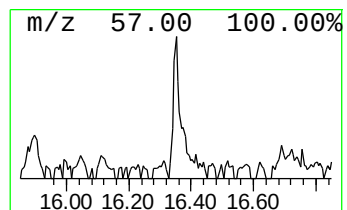
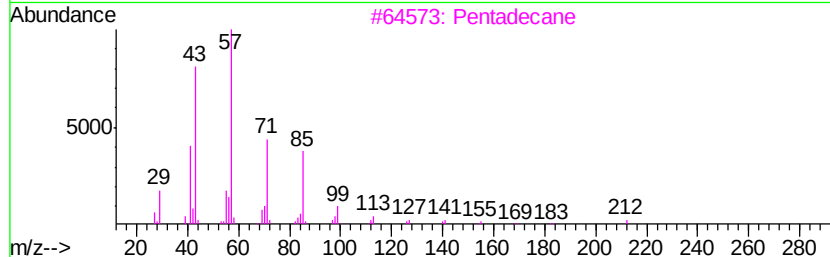
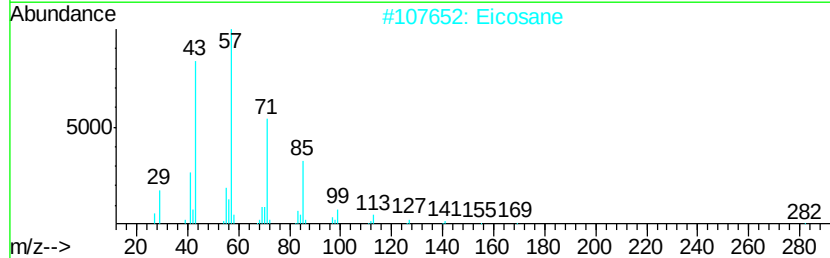
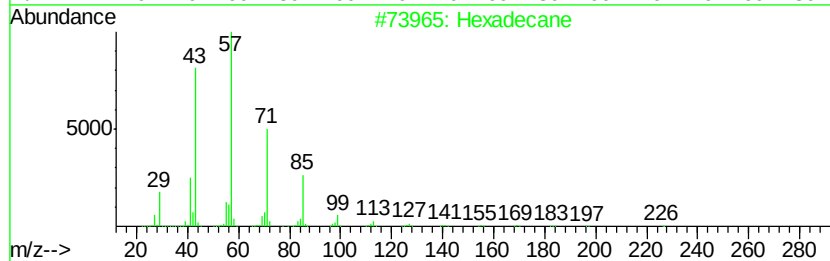
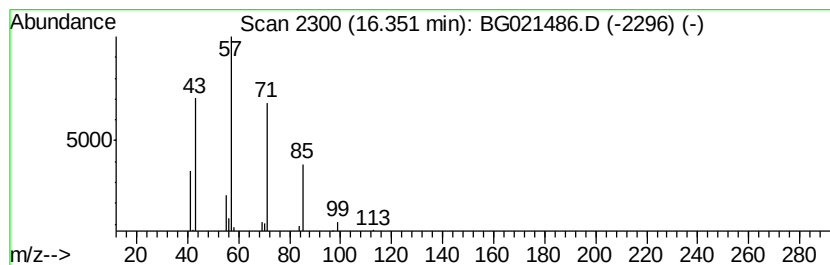
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	2.58 ng/ul	18870	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Eicosane	282	C20H42	000112-95-8	83
3		Pentadecane	212	C15H32	000629-62-9	78
4		Tetradecane	198	C14H30	000629-59-4	78
5		Pentadecane	212	C15H32	000629-62-9	78



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ClientSampleId :
A4T55

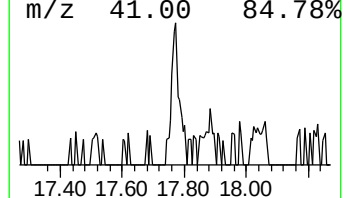
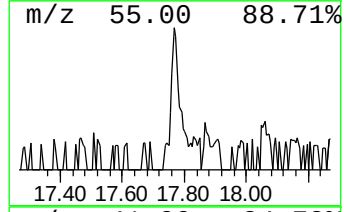
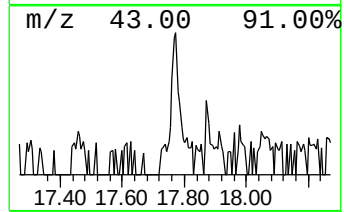
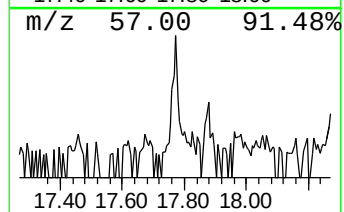
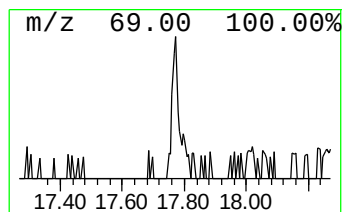
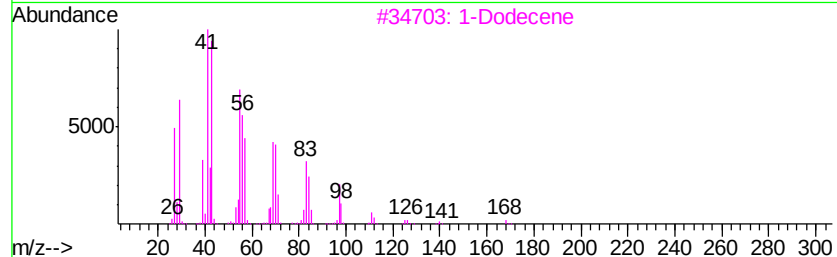
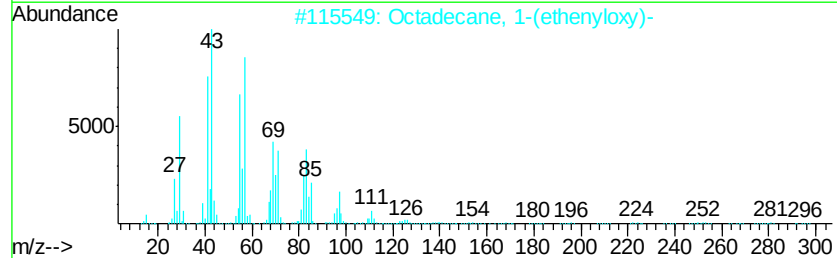
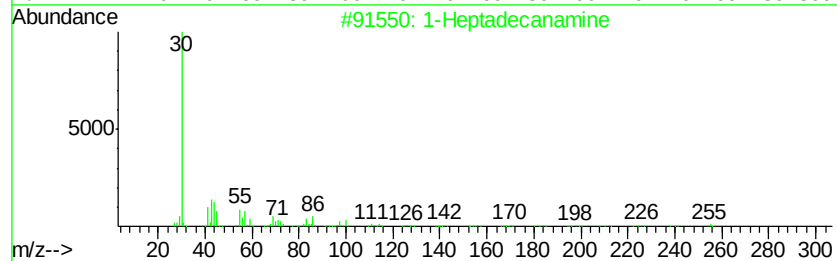
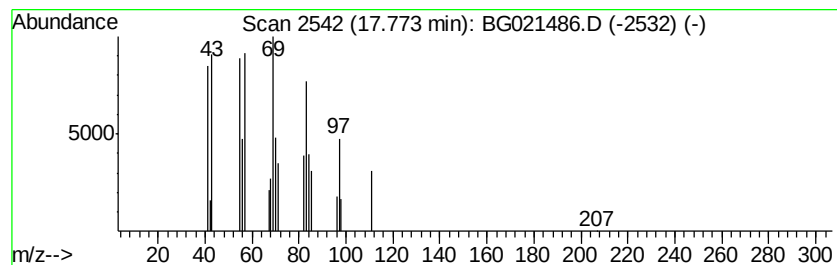
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heptadecanamine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.12 ng/ul	15513	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecanamine	255	C17H37N	004200-95-7	59
2		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	53
3		1-Dodecene	168	C12H24	000112-41-4	43
4		1-Fluorononane	146	C9H19F	000463-18-3	38
5		1-Fluorononane	146	C9H19F	000463-18-3	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
Data File : BG021486.D
Acq On : 24 Mar 2016 15:41
Operator : UM/SJ
Sample : H1909-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4T55

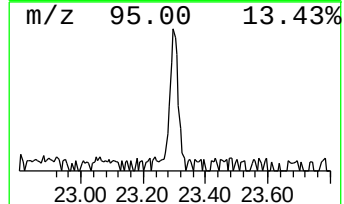
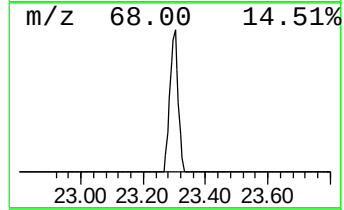
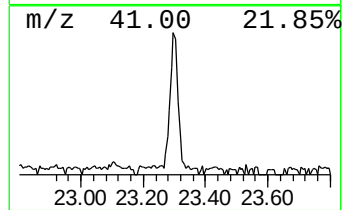
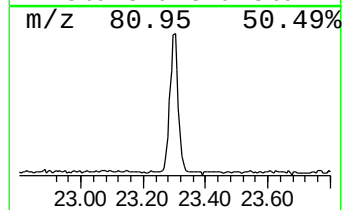
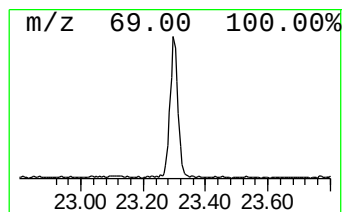
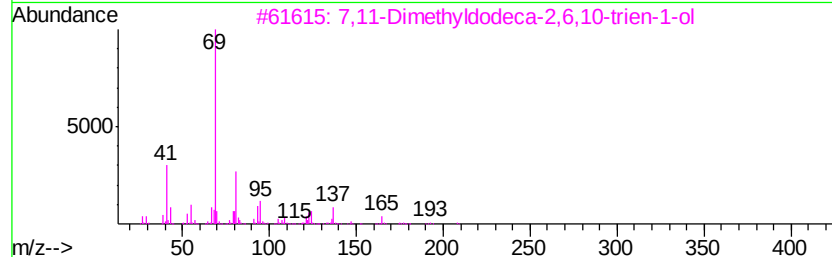
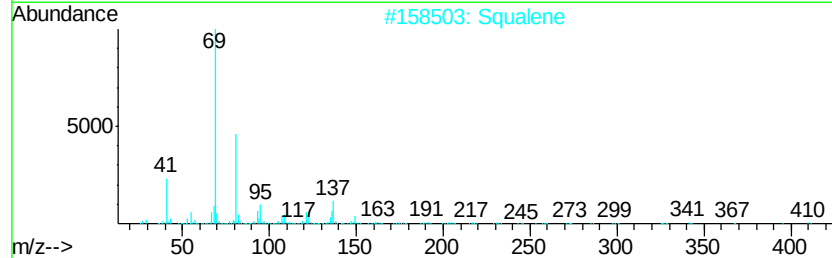
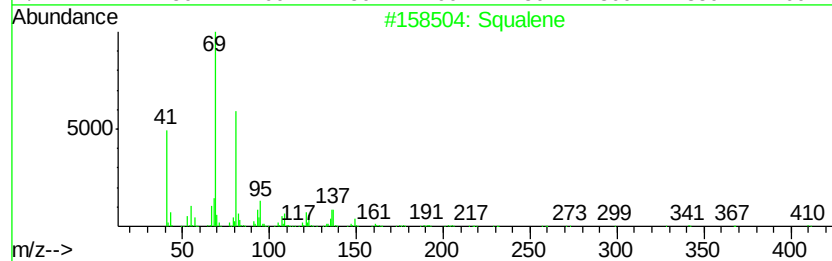
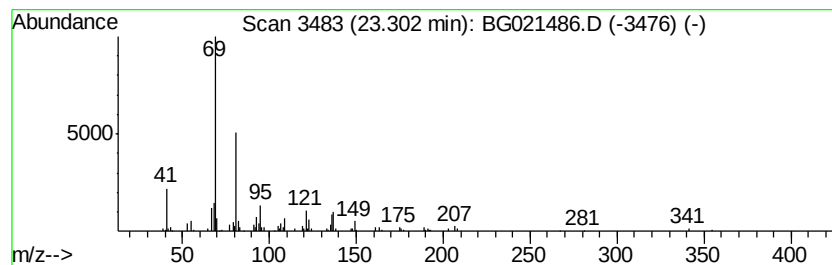
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	12.96 ng/ul	118711	Perylene-d12	24.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	91
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	87
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	86
5		2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032416\
Data File : BG021486.D
Acq On : 24 Mar 2016 15:41
Operator : UM/SJ
Sample : H1909-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4T55

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.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
Naphthalene, 1-me...	12.73	18.1	ng/ul	64179	2	10.87	71100	20.0
(DEL) Alkane: Str...	15.49	2.6	ng/ul	13481	3	14.68	104404	20.0
(DEL) Alkane: Str...	16.35	2.6	ng/ul	18870	4	17.41	146285	20.0
1-Heptadecanamine	17.77	2.1	ng/ul	15513	4	17.41	146285	20.0
Squalene	23.30	13.0	ng/ul	118711	6	24.88	183237	20.0