

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
 Data File : BG021342.D
 Acq On : 7 Mar 2016 16:42
 Operator : UM/SJ
 Sample : H1625-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFH4

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	3.186	55	59	65	rVV7	2593	4660	1.13%	0.097%
2	3.532	114	118	125	rVB	2652	3604	0.87%	0.075%
3	7.275	749	755	766	rBB	62866	107001	25.91%	2.228%
4	7.445	778	784	792	rBB	51905	83355	20.18%	1.735%
5	7.657	813	820	826	rBV	63028	108321	26.23%	2.255%
6	8.127	893	900	906	rBB2	43852	73018	17.68%	1.520%
7	8.820	1012	1018	1026	rBB	68381	112330	27.20%	2.338%
8	9.290	1091	1098	1104	rBV	67513	119164	28.86%	2.481%
9	9.378	1109	1113	1119	rBB2	3739	6033	1.46%	0.126%
10	10.013	1214	1221	1229	rBB	59519	107001	25.91%	2.228%
11	10.548	1305	1312	1320	rVB	82024	141371	34.23%	2.943%
12	10.935	1371	1378	1385	rBB2	68874	118599	28.72%	2.469%
13	11.065	1393	1400	1410	rBB	76633	136962	33.17%	2.851%
14	12.504	1642	1645	1648	rBB	1083	1068	0.26%	0.022%
15	13.338	1784	1787	1791	rBB2	927	1192	0.29%	0.025%
16	13.620	1831	1835	1838	rBB2	1414	1832	0.44%	0.038%
17	14.132	1916	1922	1927	rBV	160710	227444	55.08%	4.735%
18	14.179	1927	1930	1936	rVB	69026	94236	22.82%	1.962%
19	14.431	1966	1973	1982	rVB	173483	266816	64.61%	5.554%
20	14.607	1999	2003	2007	rBB	6908	8457	2.05%	0.176%
21	14.737	2018	2025	2032	rBB2	97880	156713	37.95%	3.262%
22	14.913	2050	2055	2064	rBV	81238	132712	32.14%	2.763%
23	15.048	2074	2078	2080	rBV2	1555	2001	0.48%	0.042%
24	15.113	2084	2089	2094	rVV4	1736	3247	0.79%	0.068%
25	15.166	2094	2098	2101	rVB2	963	1456	0.35%	0.030%
26	15.219	2102	2107	2112	rBB2	1850	2795	0.68%	0.058%
27	15.289	2116	2119	2124	rBB2	1698	2108	0.51%	0.044%
28	15.354	2125	2130	2135	rBB2	3457	4150	1.00%	0.086%
29	15.506	2153	2156	2160	rBV2	2286	3369	0.82%	0.070%
30	15.553	2160	2164	2168	rVV	14608	18578	4.50%	0.387%
31	15.618	2168	2175	2180	rVV	1357	2504	0.61%	0.052%
32	15.718	2186	2192	2200	rVV	218025	331119	80.18%	6.893%
33	15.830	2205	2211	2219	rVB	83049	122578	29.68%	2.552%
34	15.959	2223	2233	2238	rBV3	5941	12475	3.02%	0.260%

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 Title : SVOA CALIBRATION

35	16.000	2238	2240	2245	rVB3	2117	2235	0.54%	0.047%
36	16.053	2245	2249	2253	rVB2	2226	3156	0.76%	0.066%
37	16.106	2254	2258	2263	rBV2	2358	4088	0.99%	0.085%
38	16.176	2263	2270	2274	rVB2	2172	2867	0.69%	0.060%
39	16.370	2297	2303	2305	rBV3	1368	1864	0.45%	0.039%
40	16.411	2305	2310	2317	rBV	16315	27747	6.72%	0.578%
41	16.752	2364	2368	2373	rBV4	2699	5137	1.24%	0.107%
42	16.817	2376	2379	2382	rVV2	1873	2122	0.51%	0.044%
43	16.870	2386	2388	2393	rVB2	2238	2368	0.57%	0.049%
44	16.917	2393	2396	2401	rBV2	1893	2886	0.70%	0.060%
45	16.987	2404	2408	2412	rBV3	1203	2330	0.56%	0.049%
46	17.116	2424	2430	2437	rBV	163009	230366	55.78%	4.796%
47	17.204	2440	2445	2450	rVV	10737	13860	3.36%	0.289%
48	17.257	2450	2454	2457	rVB2	2928	4466	1.08%	0.093%
49	17.469	2484	2490	2496	rBV2	127687	191952	46.48%	3.996%
50	17.516	2496	2498	2500	rVV3	1418	1341	0.32%	0.028%
51	17.569	2500	2507	2515	rVB2	248595	362506	87.78%	7.547%
52	17.733	2531	2535	2540	rBV3	1289	2221	0.54%	0.046%
53	17.816	2545	2549	2550	rVV3	1134	1573	0.38%	0.033%
54	17.845	2552	2554	2557	rVV3	1264	1649	0.40%	0.034%
55	17.939	2565	2570	2575	rVV2	4530	5550	1.34%	0.116%
56	18.074	2590	2593	2596	rBV2	2415	2718	0.66%	0.057%
57	18.221	2614	2618	2619	rBV2	1122	1241	0.30%	0.026%
58	18.333	2632	2637	2642	rBV2	19053	25737	6.23%	0.536%
59	18.368	2642	2643	2647	rVV3	2078	2276	0.55%	0.047%
60	18.415	2649	2651	2655	rVV2	1124	1274	0.31%	0.027%
61	18.620	2683	2686	2687	rBV2	1306	1314	0.32%	0.027%
62	18.756	2705	2709	2713	rBV3	2307	3298	0.80%	0.069%
63	18.914	2733	2736	2740	rBV2	944	1555	0.38%	0.032%
64	18.991	2746	2749	2753	rVB2	902	1124	0.27%	0.023%
65	19.061	2758	2761	2763	rBV2	1298	1217	0.29%	0.025%
66	19.190	2778	2783	2784	rVV4	1436	1735	0.42%	0.036%
67	19.372	2812	2814	2817	rVB4	1132	1175	0.28%	0.024%
68	19.478	2829	2832	2837	rVB2	4009	5409	1.31%	0.113%
69	19.596	2847	2852	2858	rBV4	10204	14182	3.43%	0.295%
70	19.702	2867	2870	2871	rBV2	905	1136	0.28%	0.024%
71	19.731	2871	2875	2878	rVV3	2906	3497	0.85%	0.073%

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72	19.843	2888	2894	2905	rVV	290939	412967	100.00%	8.597%
73	19.925	2905	2908	2909	rVV3	2217	2200	0.53%	0.046%
74	19.942	2909	2911	2914	rVV4	1928	2510	0.61%	0.052%
75	20.183	2949	2952	2954	rBV3	1105	1549	0.38%	0.032%
76	20.201	2954	2955	2960	rVB4	1814	2211	0.54%	0.046%
77	20.318	2972	2975	2978	rBV4	2219	3438	0.83%	0.072%
78	20.430	2992	2994	2996	rVB3	1560	1453	0.35%	0.030%
79	20.454	2996	2998	2999	rBV2	2050	1405	0.34%	0.029%
80	20.835	3061	3063	3065	rBV3	2754	2497	0.60%	0.052%
81	21.082	3103	3105	3108	rBV4	1772	1405	0.34%	0.029%
82	21.347	3146	3150	3160	rBV2	28134	45824	11.10%	0.954%
83	21.729	3209	3215	3222	rVB	134794	222732	53.93%	4.637%
84	21.905	3243	3245	3251	rVB7	2415	3347	0.81%	0.070%
85	22.228	3296	3300	3305	rBV7	2752	5174	1.25%	0.108%
86	22.504	3343	3347	3349	rBV5	4575	5527	1.34%	0.115%
87	22.921	3414	3418	3422	rBV6	3937	7524	1.82%	0.157%
88	23.397	3494	3499	3508	rVB6	7254	16184	3.92%	0.337%
89	23.973	3595	3597	3598	rBV2	1850	1328	0.32%	0.028%
90	24.760	3721	3731	3740	rVB	137880	377198	91.34%	7.852%
91	24.978	3759	3768	3781	rVB	78185	215071	52.08%	4.477%
92	25.271	3816	3818	3821	rBV4	2361	1731	0.42%	0.036%
93	25.718	3892	3894	3897	rBV3	1555	1228	0.30%	0.026%
94	25.941	3930	3932	3934	rBV3	1825	1856	0.45%	0.039%
95	28.609	4384	4386	4388	rBV3	1641	1350	0.33%	0.028%
96	29.766	4581	4583	4584	rVB2	2457	1205	0.29%	0.025%
97	30.213	4658	4659	4663	rVB4	2007	1761	0.43%	0.037%
98	30.436	4695	4697	4698	rBV2	1784	1089	0.26%	0.023%
99	31.905	4945	4947	4948	rBV2	2157	1073	0.26%	0.022%
100	32.246	5003	5005	5006	rBV2	2709	1328	0.32%	0.028%

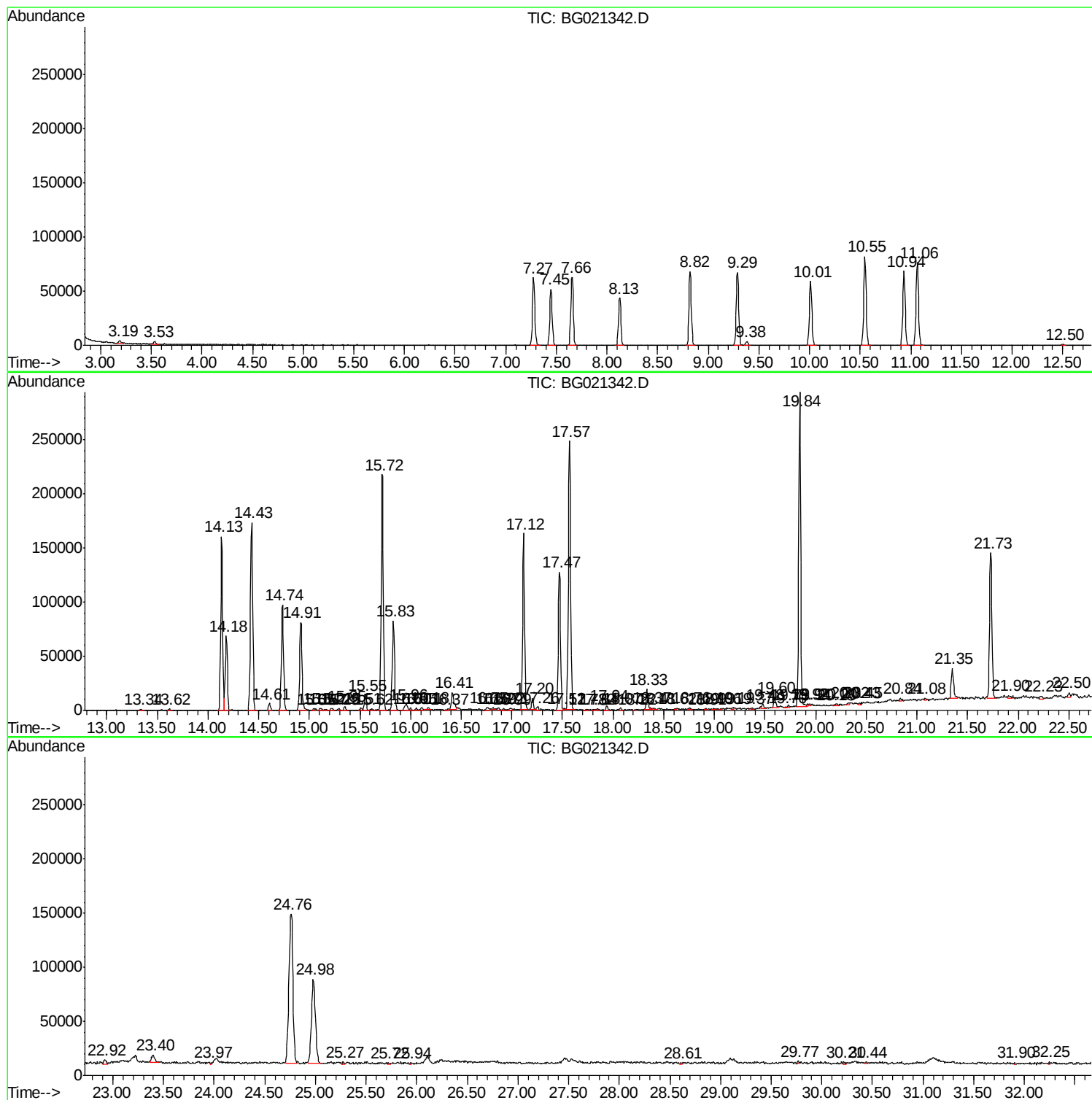
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



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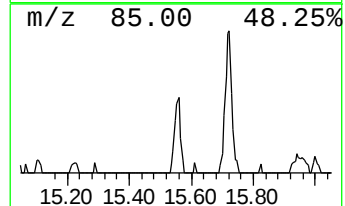
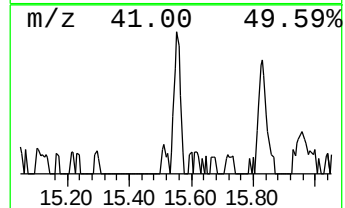
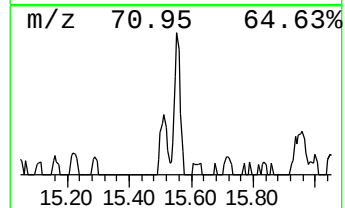
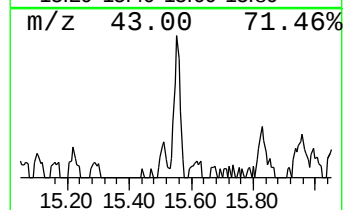
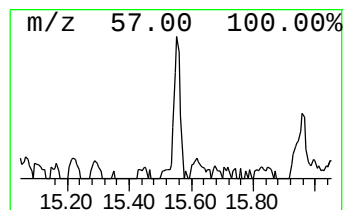
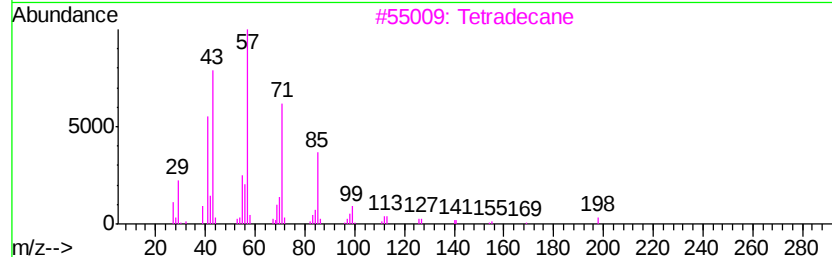
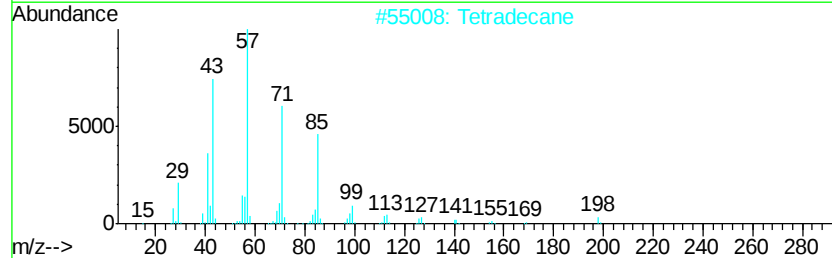
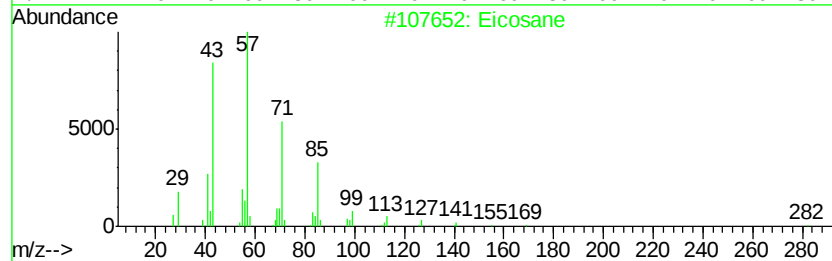
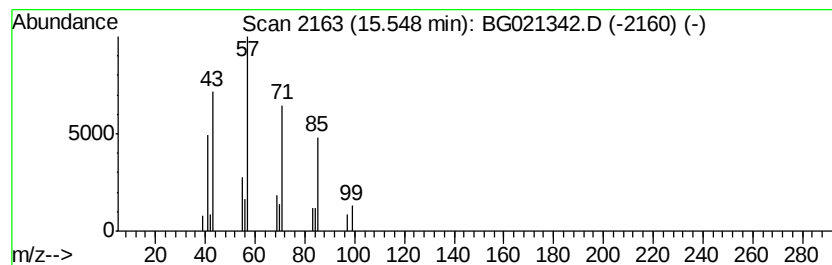
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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	2.37 ng/ul	18578	Acenaphthene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Tetradecane	198	C14H30	000629-59-4	86
3			Tetradecane	198	C14H30	000629-59-4	80
4			Tridecane	184	C13H28	000629-50-5	78
5			Pentadecane	212	C15H32	000629-62-9	78



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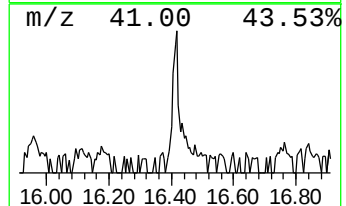
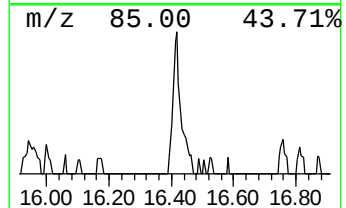
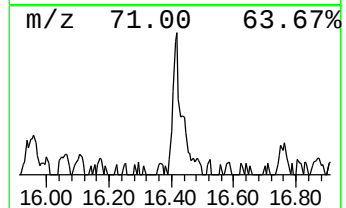
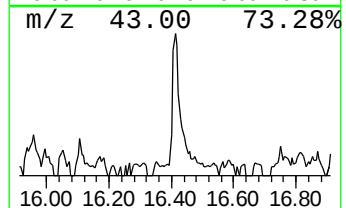
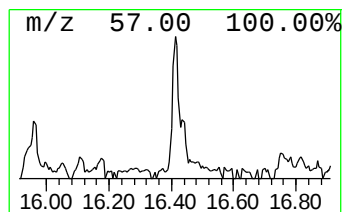
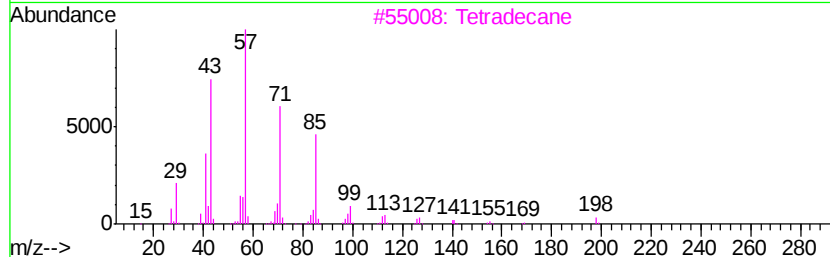
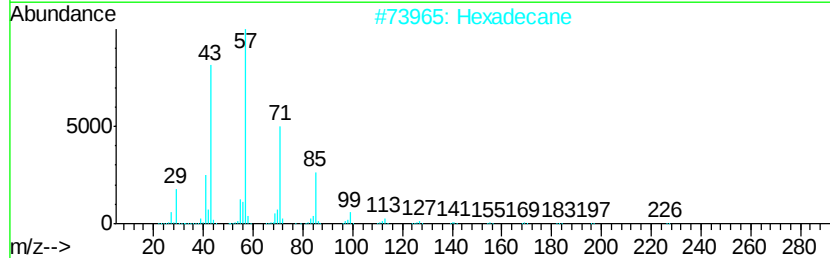
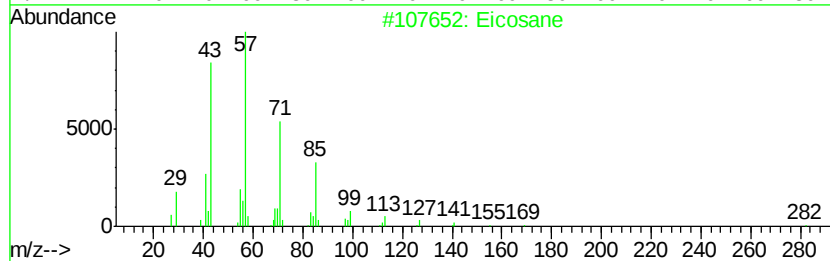
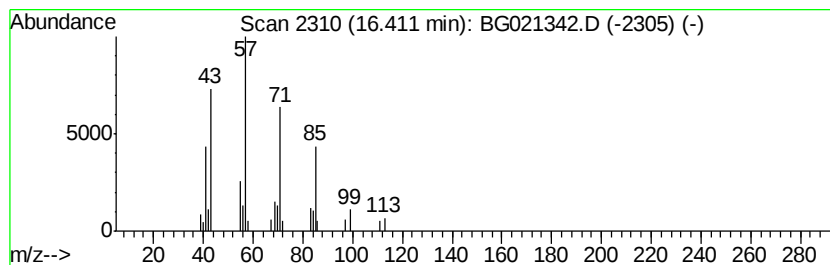
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.89 ng/ul	27747	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	72
2			Hexadecane	226	C16H34	000544-76-3	72
3			Tetradecane	198	C14H30	000629-59-4	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59



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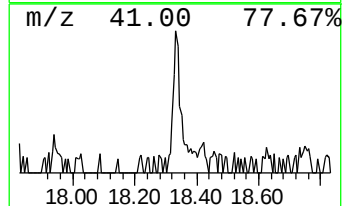
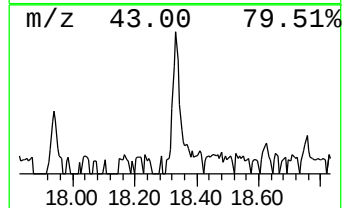
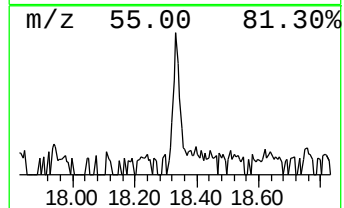
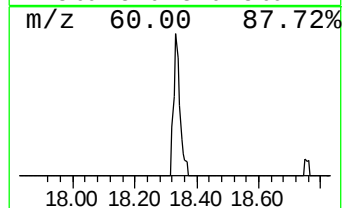
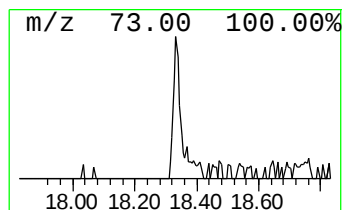
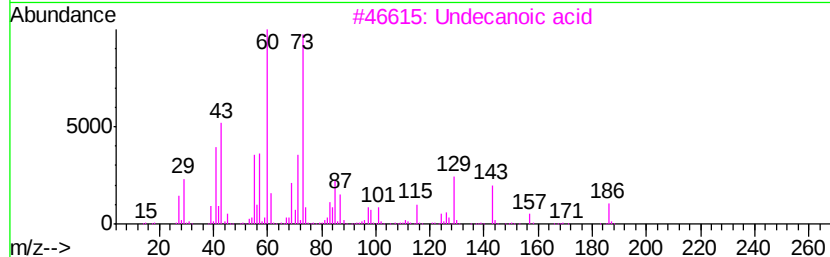
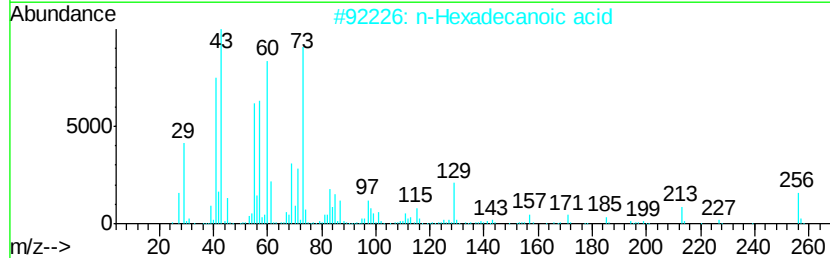
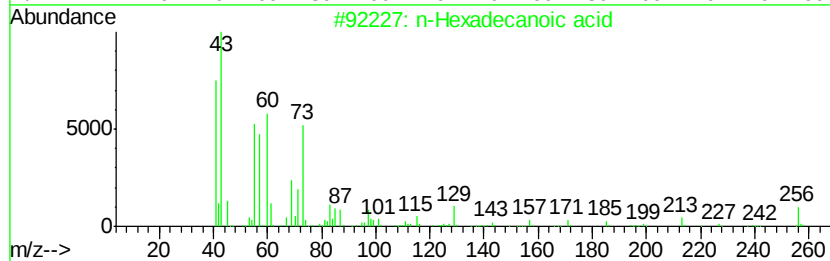
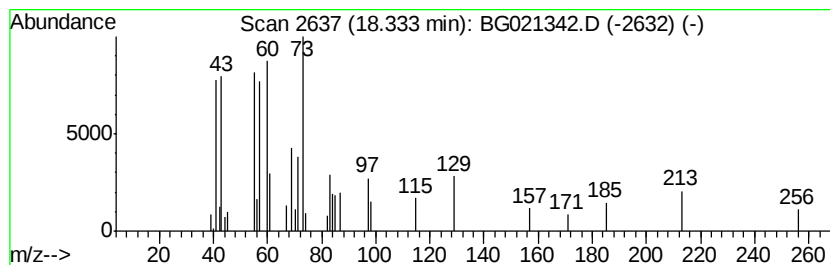
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.68 ng/ul	25737	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Undecanoic acid	186	C11H22O2	000112-37-8	64
4		Undecanoic acid	186	C11H22O2	000112-37-8	59
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021342.D
Acq On : 7 Mar 2016 16:42
Operator : UM/SJ
Sample : H1625-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFH4

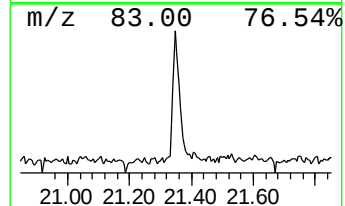
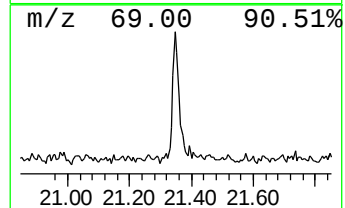
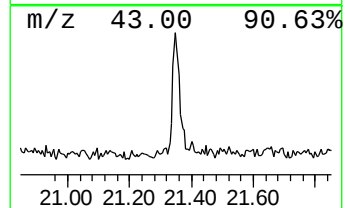
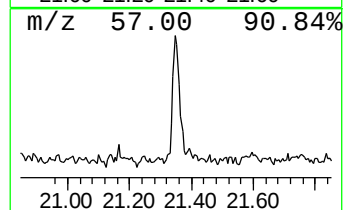
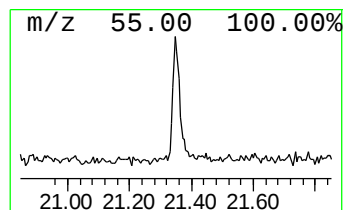
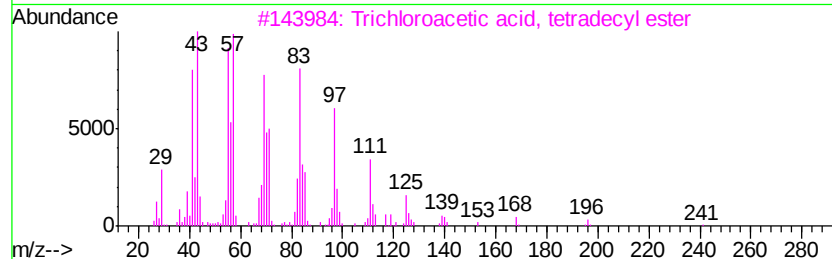
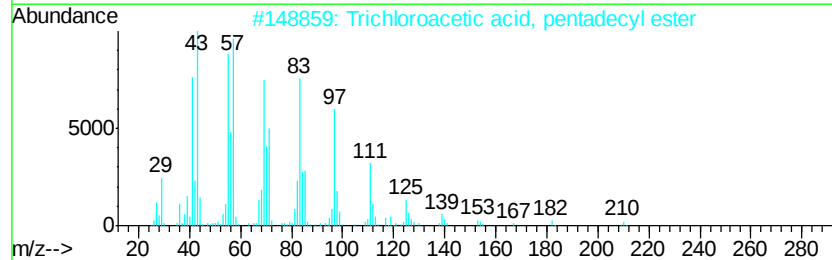
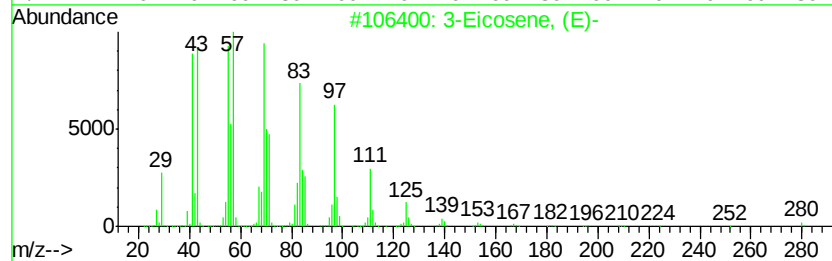
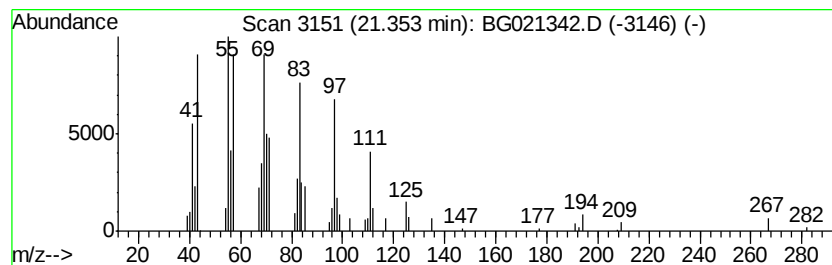
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Quant Title : SVOA CALIBRATION

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	4.11 ng/ul	45824	Chrysene-d12	21.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Eicosene, (E)-	280	C20H40	074685-33-9	91	
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76		
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	76		
4	Pentafluoropropionic acid, undec...	318	C14H23F5O2	1000283-04-0	74		
5	1-Eicosanol	298	C20H42O	000629-96-9	70		



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFH4

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	18578	3	14.73	156713	20.0
(DEL) Alkane: Str...	16.41	2.9	ng/ul	27747	4	17.47	191952	20.0
n-Hexadecanoic acid	18.33	2.7	ng/ul	25737	4	17.47	191952	20.0
(DEL) Alkane: Cyc...	21.35	4.1	ng/ul	45824	5	21.73	222732	20.0