

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
 Data File : BG021302.D
 Acq On : 5 Mar 2016 12:39
 Operator : UM/SJ
 Sample : H1665-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0099

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	3.714	147	149	153	rBV3	558	660	0.19%	0.019%
2	4.466	272	277	280	rBV2	425	812	0.24%	0.024%
3	4.824	335	338	342	rVB2	2182	2696	0.80%	0.079%
4	5.141	390	392	396	rVB	565	836	0.25%	0.025%
5	5.218	400	405	412	rVB	4410	7050	2.08%	0.208%
6	5.376	428	432	435	rVB2	562	800	0.24%	0.024%
7	7.110	722	727	729	rBB	637	798	0.24%	0.024%
8	7.274	750	755	762	rBV2	10304	17027	5.02%	0.502%
9	7.445	778	784	792	rBV	37453	61185	18.05%	1.803%
10	7.656	814	820	827	rBB2	41847	68446	20.19%	2.017%
11	8.126	891	900	906	rBV	38329	61917	18.27%	1.825%
12	8.349	934	938	941	rBB	1209	1543	0.46%	0.045%
13	8.661	987	991	995	rBB	463	675	0.20%	0.020%
14	8.819	1009	1018	1025	rVB2	33147	53640	15.83%	1.581%
15	9.289	1091	1098	1106	rBB	51082	88295	26.05%	2.602%
16	9.383	1109	1114	1118	rBB	2787	3758	1.11%	0.111%
17	10.012	1215	1221	1228	rBB2	44683	76526	22.58%	2.255%
18	10.547	1305	1312	1319	rBB	61380	103362	30.50%	3.046%
19	10.935	1371	1378	1385	rBB	53199	94346	27.84%	2.780%
20	11.064	1396	1400	1405	rBB2	1086	1652	0.49%	0.049%
21	12.110	1575	1578	1582	rBB	1025	1296	0.38%	0.038%
22	12.392	1622	1626	1630	rBB	936	1038	0.31%	0.031%
23	12.433	1630	1633	1636	rBB	1836	2086	0.62%	0.061%
24	12.497	1643	1644	1649	rBV	665	929	0.27%	0.027%
25	13.091	1742	1745	1749	rBB	1842	2191	0.65%	0.065%
26	13.344	1783	1788	1791	rBB2	2269	3102	0.92%	0.091%
27	13.614	1830	1834	1839	rVB2	1829	2551	0.75%	0.075%
28	14.137	1917	1923	1927	rBV	122894	177425	52.35%	5.229%
29	14.184	1927	1931	1938	rVB	80195	109055	32.18%	3.214%
30	14.430	1967	1973	1980	rVB	131958	203328	59.99%	5.992%
31	14.613	2000	2004	2009	rBB	5154	6068	1.79%	0.179%
32	14.736	2019	2025	2035	rBB3	79138	134821	39.78%	3.973%
33	14.912	2050	2055	2061	rBV	10142	16604	4.90%	0.489%
34	15.053	2076	2079	2084	rBB2	1179	1511	0.45%	0.045%

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35	15.100	2084	2087	2088	rBV2	880	695	0.21%	0.020%
36	15.118	2088	2090	2094	rVB	2066	2124	0.63%	0.063%
37	15.171	2095	2099	2100	rBB	657	700	0.21%	0.021%
38	15.224	2103	2108	2111	rBB	1356	1711	0.50%	0.050%
39	15.300	2117	2121	2124	rBB2	948	1250	0.37%	0.037%
40	15.512	2153	2157	2158	rBV	2658	2849	0.84%	0.084%
41	15.559	2161	2165	2169	rVB	10353	13964	4.12%	0.412%
42	15.611	2172	2174	2179	rBV2	911	1236	0.36%	0.036%
43	15.723	2186	2193	2200	rVB	181873	260016	76.72%	7.663%
44	15.829	2205	2211	2218	rBB	70164	97382	28.73%	2.870%
45	15.958	2225	2233	2237	rBV2	4003	7371	2.17%	0.217%
46	15.999	2237	2240	2243	rVV	1267	1369	0.40%	0.040%
47	16.058	2247	2250	2255	rVB2	1941	1727	0.51%	0.051%
48	16.105	2255	2258	2264	rBB3	1552	2005	0.59%	0.059%
49	16.175	2267	2270	2273	rBB2	2149	1963	0.58%	0.058%
50	16.358	2296	2301	2305	rBB	668	1126	0.33%	0.033%
51	16.416	2306	2311	2320	rBV2	11933	22244	6.56%	0.656%
52	16.528	2328	2330	2335	rVB	695	897	0.26%	0.026%
53	16.575	2335	2338	2339	rBV	554	689	0.20%	0.020%
54	16.599	2339	2342	2345	rVB3	2198	2957	0.87%	0.087%
55	16.751	2366	2368	2372	rVV3	1750	2420	0.71%	0.071%
56	16.822	2376	2380	2382	rVB	1216	1841	0.54%	0.054%
57	16.851	2382	2385	2386	rBV	1249	1389	0.41%	0.041%
58	16.875	2386	2389	2393	rVB	1497	1954	0.58%	0.058%
59	16.916	2393	2396	2397	rBV	1302	1348	0.40%	0.040%
60	16.986	2405	2408	2412	rBV2	891	1496	0.44%	0.044%
61	17.033	2414	2416	2417	rBV	688	607	0.18%	0.018%
62	17.204	2441	2445	2450	rBV2	8356	10941	3.23%	0.322%
63	17.257	2450	2454	2457	rVB2	2607	4039	1.19%	0.119%
64	17.474	2485	2491	2498	rBV	109426	159866	47.17%	4.711%
65	17.568	2501	2507	2519	rVV	191011	289879	85.53%	8.543%
66	17.680	2522	2526	2528	rBB2	724	708	0.21%	0.021%
67	17.738	2532	2536	2540	rVB2	1236	1667	0.49%	0.049%
68	17.826	2548	2551	2556	rVV3	1500	1608	0.47%	0.047%
69	17.938	2567	2570	2578	rVB4	4256	5645	1.67%	0.166%
70	18.338	2633	2638	2644	rBV2	27612	37458	11.05%	1.104%
71	18.414	2649	2651	2655	rVB2	1471	1527	0.45%	0.045%

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72	18.485	2662	2663	2668	rVB2	786	830	0.24%	0.024%
73	18.537	2668	2672	2676	rBV2	1022	1225	0.36%	0.036%
74	18.579	2677	2679	2682	rVB2	848	755	0.22%	0.022%
75	18.631	2685	2688	2690	rBV2	2213	2618	0.77%	0.077%
76	18.755	2707	2709	2712	rBV	1468	1536	0.45%	0.045%
77	18.819	2717	2720	2721	rBV	956	883	0.26%	0.026%
78	18.849	2721	2725	2726	rVB	533	637	0.19%	0.019%
79	18.931	2737	2739	2741	rBV	1044	704	0.21%	0.021%
80	18.996	2747	2750	2752	rVB2	774	709	0.21%	0.021%
81	19.084	2763	2765	2768	rVB2	693	803	0.24%	0.024%
82	19.137	2771	2774	2779	rVB2	839	1090	0.32%	0.032%
83	19.190	2779	2783	2787	rBV4	2322	4211	1.24%	0.124%
84	19.319	2803	2805	2809	rBV4	545	673	0.20%	0.020%
85	19.348	2809	2810	2813	rVB	1096	645	0.19%	0.019%
86	19.383	2813	2816	2820	rBV	792	1241	0.37%	0.037%
87	19.413	2820	2821	2823	rBV2	862	661	0.20%	0.019%
88	19.460	2826	2829	2830	rBV	2871	3118	0.92%	0.092%
89	19.483	2830	2833	2835	rBV3	5723	6681	1.97%	0.197%
90	19.554	2842	2845	2848	rVB3	1099	1234	0.36%	0.036%
91	19.601	2849	2853	2863	rVV	21431	28773	8.49%	0.848%
92	19.724	2872	2874	2877	rBV4	1264	1799	0.53%	0.053%
93	19.789	2884	2885	2888	rBV2	1014	1196	0.35%	0.035%
94	19.842	2888	2894	2901	rVV	232846	338934	100.00%	9.988%
95	20.065	2929	2932	2935	rVB4	1838	1703	0.50%	0.050%
96	20.094	2935	2937	2940	rBV	1369	1376	0.41%	0.041%
97	21.352	3147	3151	3160	rBV	32124	52161	15.39%	1.537%
98	21.734	3210	3216	3224	rVB	114964	193808	57.18%	5.711%
99	24.765	3723	3732	3743	rVB2	113154	303415	89.52%	8.942%
100	24.983	3760	3769	3780	rBV2	66030	183195	54.05%	5.399%

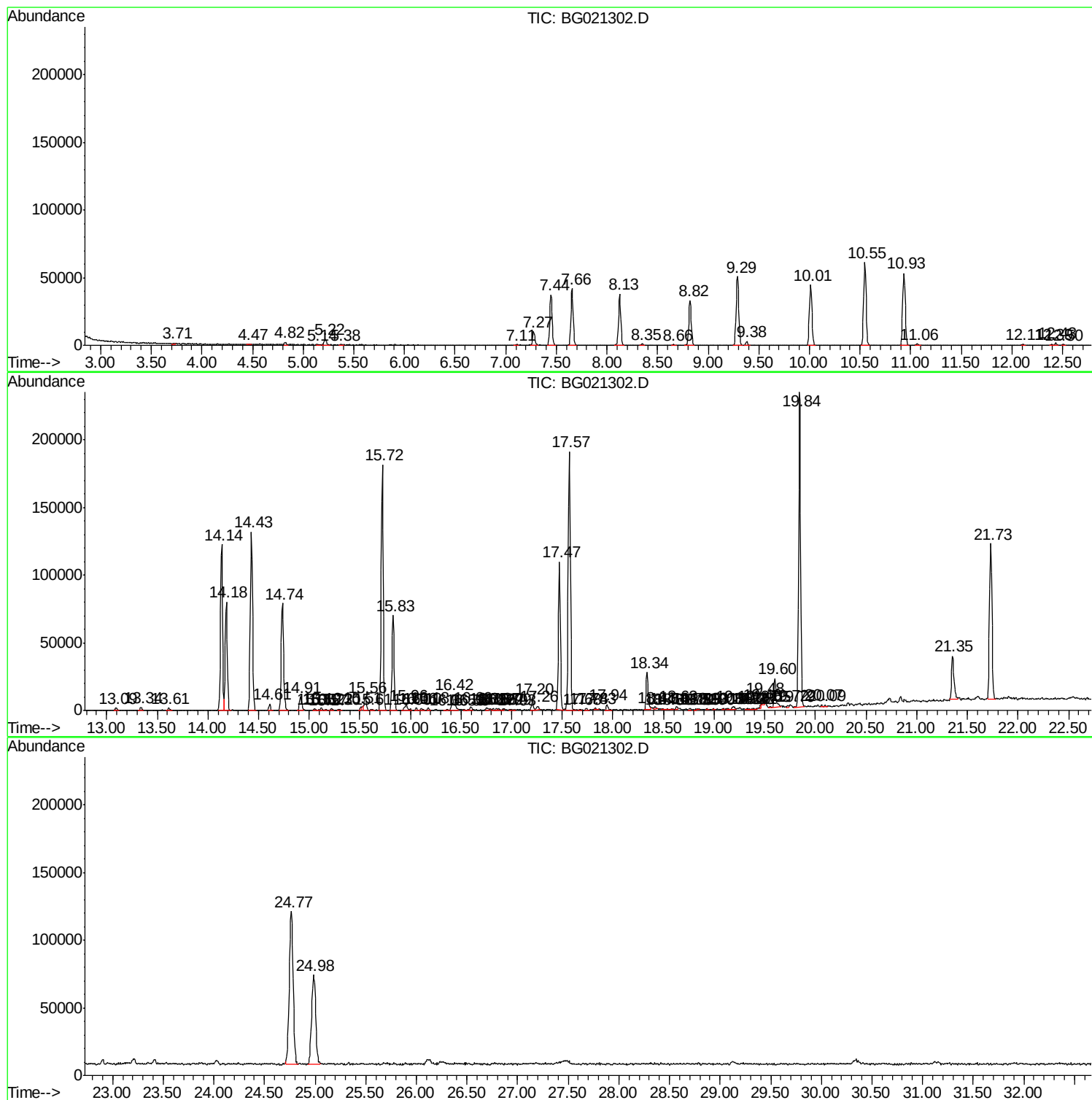
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



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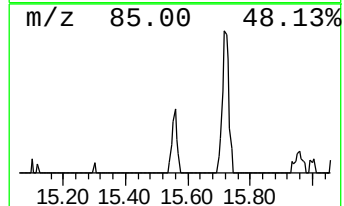
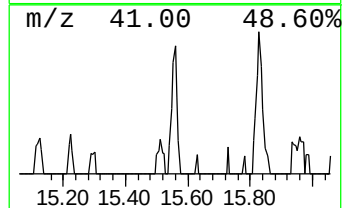
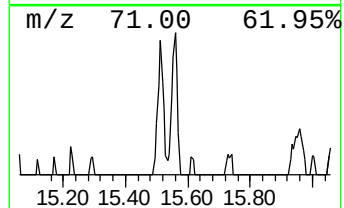
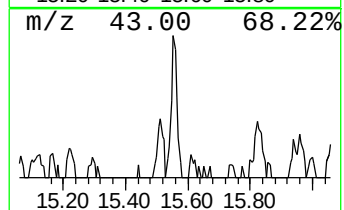
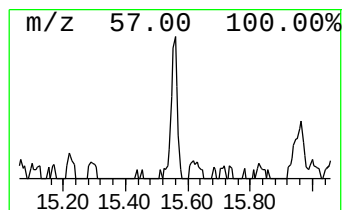
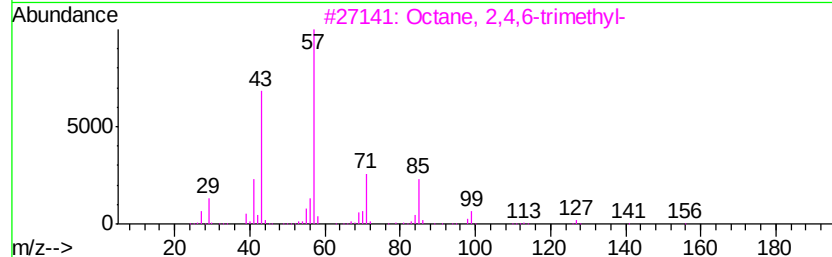
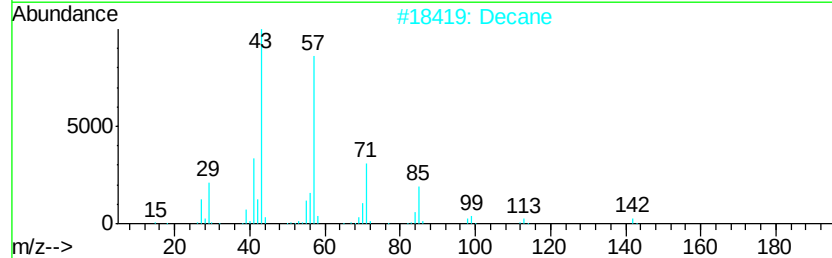
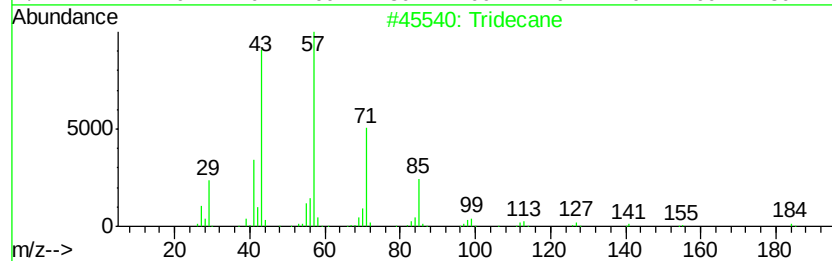
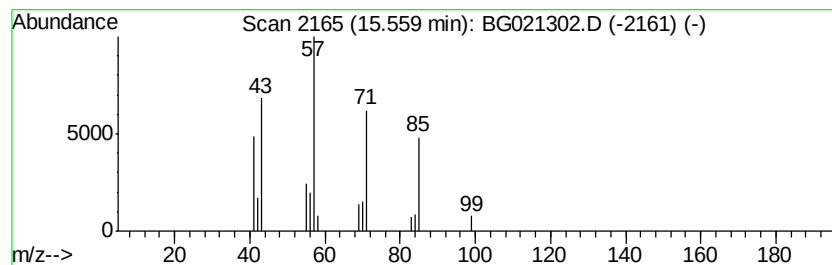
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.07 ng/ul	13964	Acenaphthene-d10	14.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	72
2			Decane	142	C10H22	000124-18-5	56
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	56
4			Hexadecane	226	C16H34	000544-76-3	56
5			4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	53



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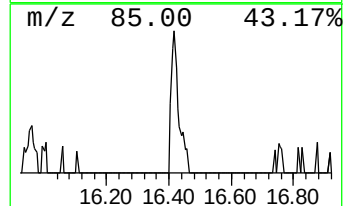
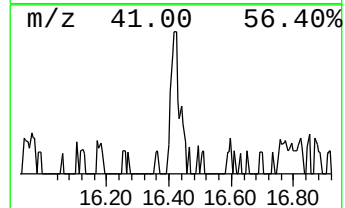
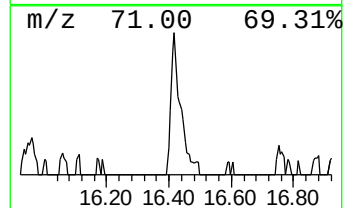
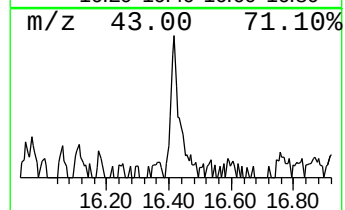
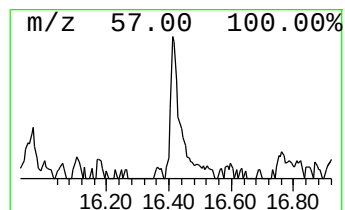
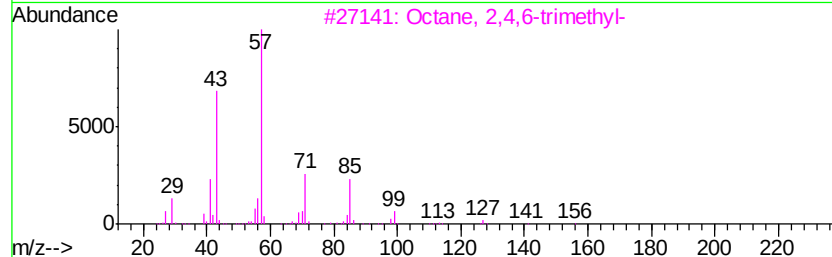
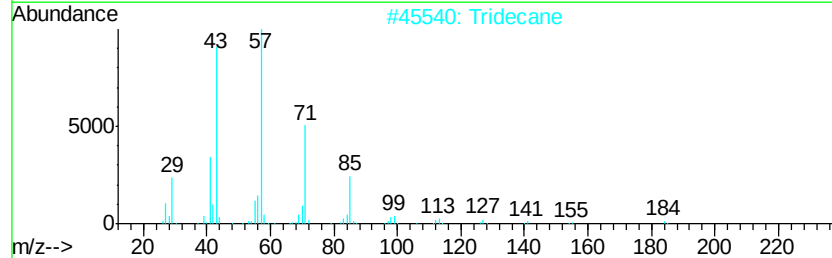
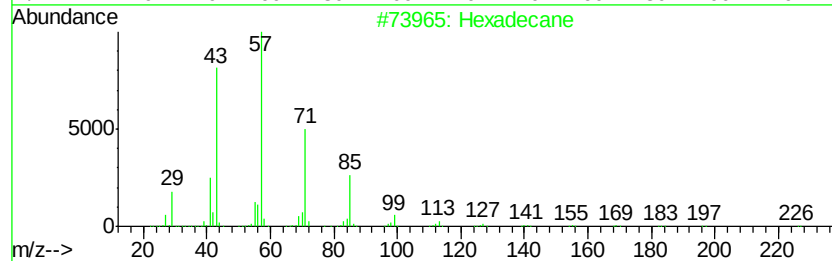
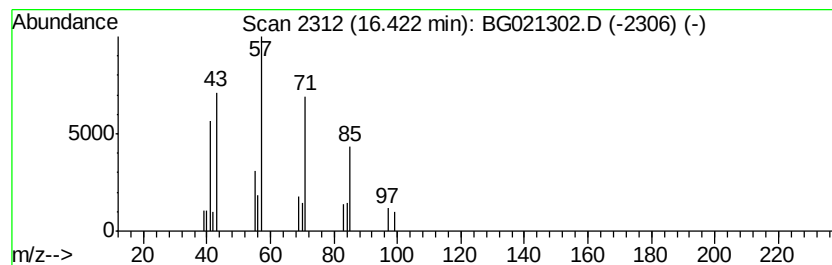
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.78 ng/ul	22244	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Tridecane	184	C13H28	000629-50-5	64
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
4		Undecane	156	C11H24	001120-21-4	59
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50



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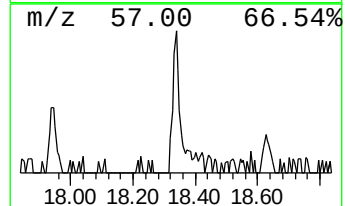
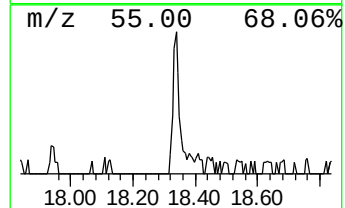
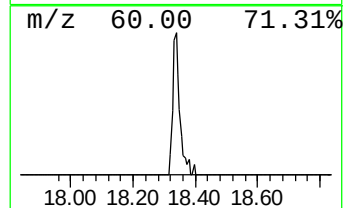
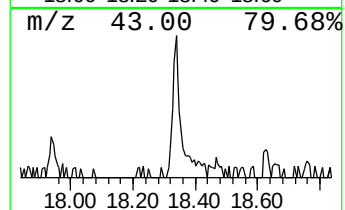
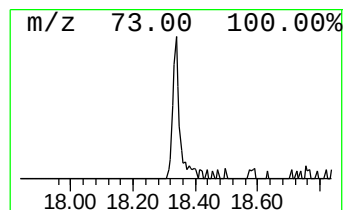
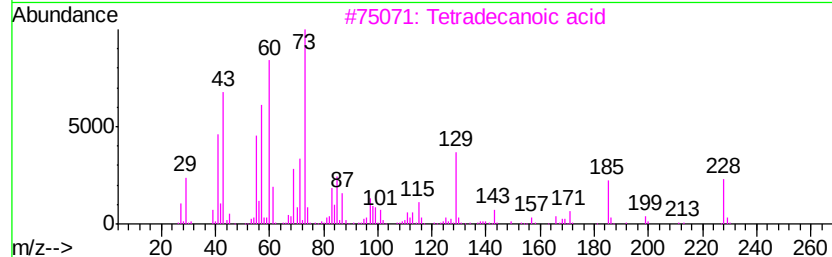
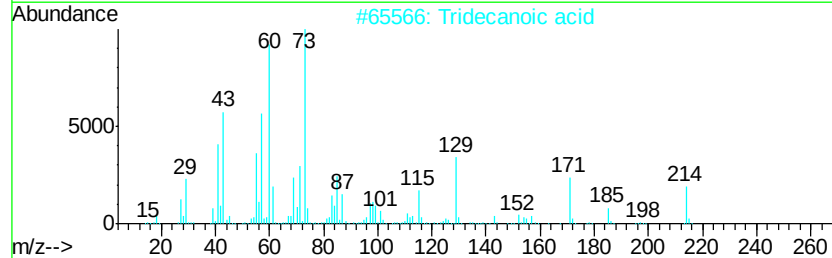
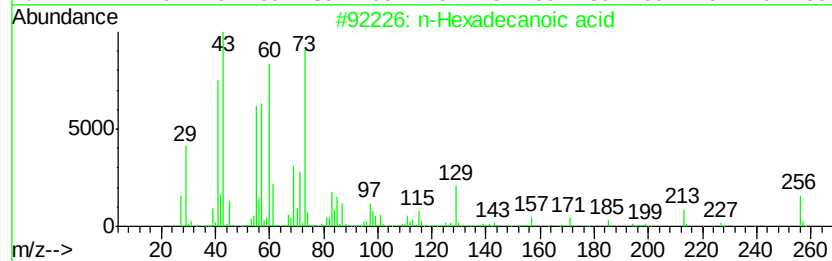
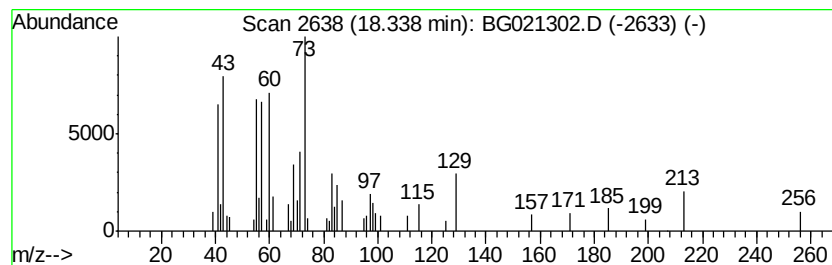
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TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.69 ng/ul	37458	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	52
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4		Tridecanoic acid	214	C13H26O2	000638-53-9	47
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	47



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ClientSampleId :
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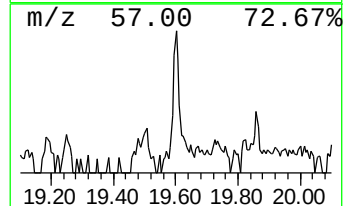
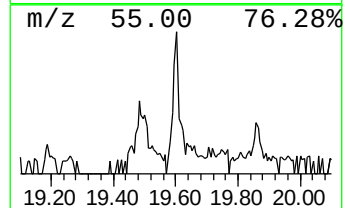
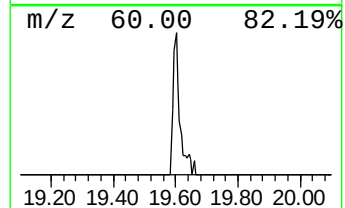
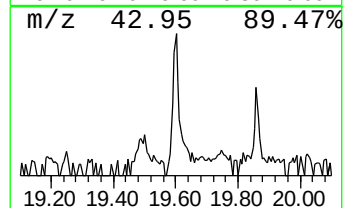
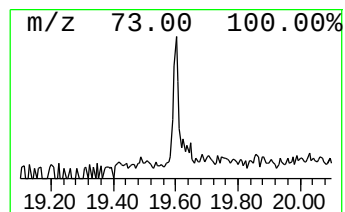
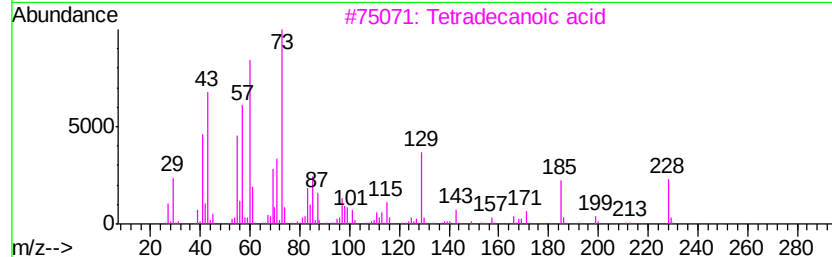
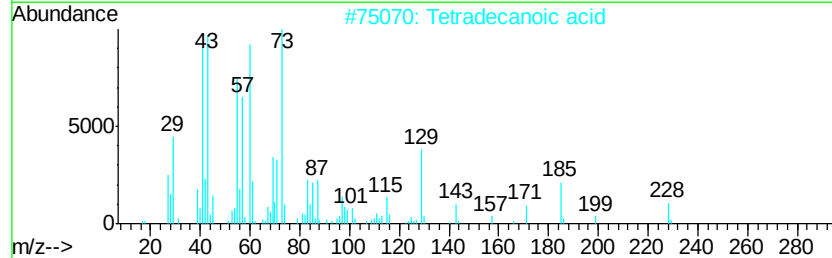
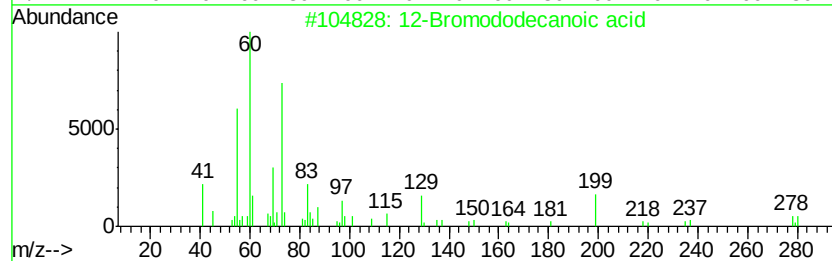
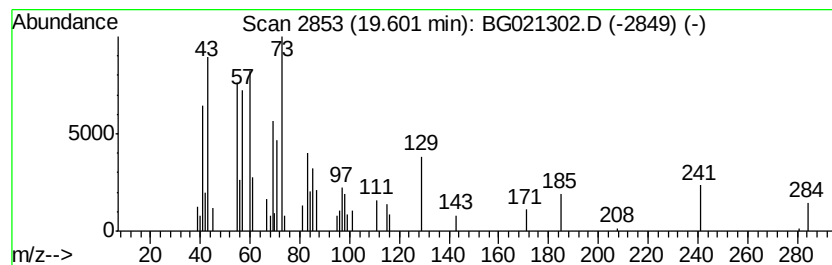
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 12-Bromododecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	3.60 ng/ul	28773	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	59
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4		n-Decanoic acid	172	C10H20O2	000334-48-5	43
5		Dodecanoic acid	200	C12H24O2	000143-07-7	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021302.D
Acq On : 5 Mar 2016 12:39
Operator : UM/SJ
Sample : H1665-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
H0099

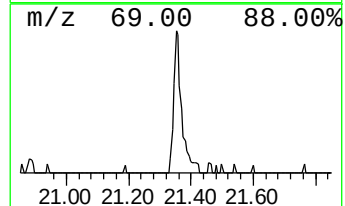
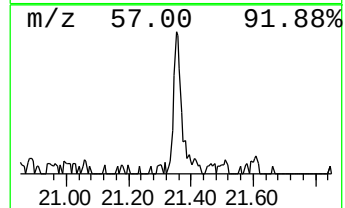
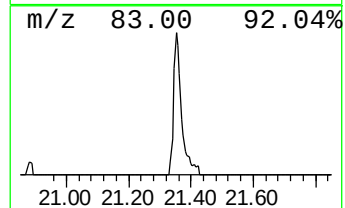
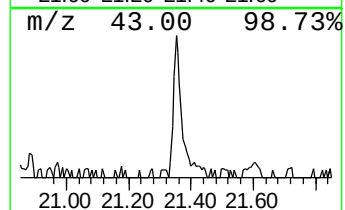
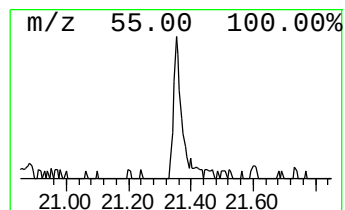
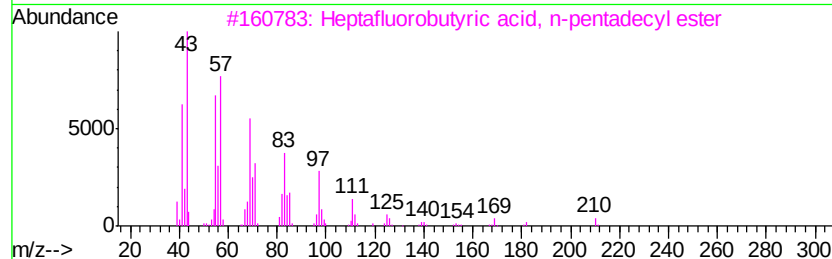
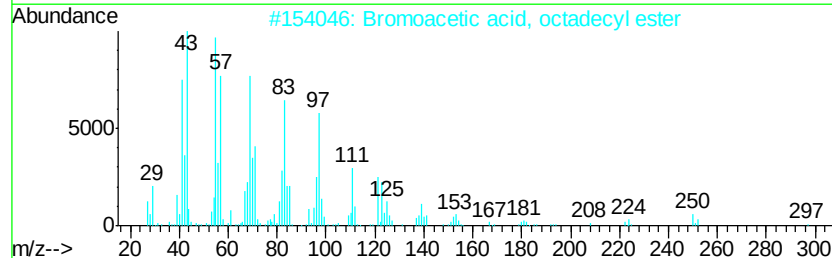
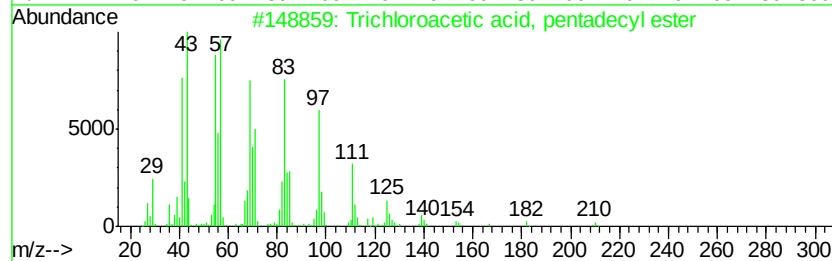
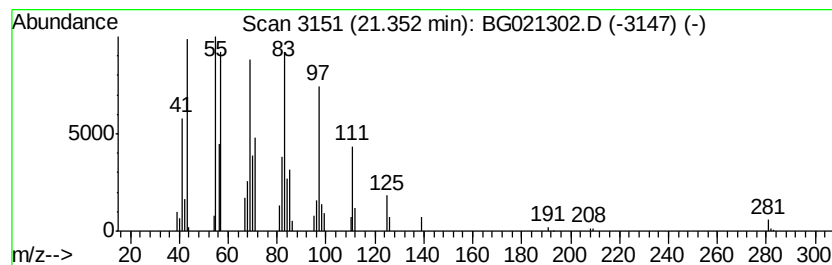
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.38 ng/ul	52161	Chrysene-d12	21.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5			Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021302.D
Acq On : 5 Mar 2016 12:39
Operator : UM/SJ
Sample : H1665-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
H0099

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...	15.56	2.1	ng/ul	13964	3	14.74	134821	20.0
(DEL) Alkane: Str...	16.42	2.8	ng/ul	22244	4	17.47	159866	20.0
n-Hexadecanoic acid	18.34	4.7	ng/ul	37458	4	17.47	159866	20.0
12-Bromododecanoic acid	19.60	3.6	ng/ul	28773	4	17.47	159866	20.0
Trichloroacetic acid	21.35	5.4	ng/ul	52161	5	21.73	193808	20.0