

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021312.D
 Acq On : 5 Mar 2016 19:14
 Operator : UM/SJ
 Sample : H1650-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-DS-C350

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	3.184	56	59	61	rBV3	1131	1418	0.52%	0.044%
2	3.530	114	118	123	rVB3	1474	2583	0.95%	0.080%
3	7.273	749	755	764	rVB	40752	66324	24.43%	2.042%
4	7.443	779	784	792	rBB	29795	49937	18.39%	1.537%
5	7.655	814	820	827	rBB	39168	63264	23.30%	1.947%
6	8.125	893	900	906	rBB	38999	60365	22.24%	1.858%
7	8.818	1012	1018	1028	rVB	51081	83222	30.66%	2.562%
8	9.288	1091	1098	1106	rBB	41978	70766	26.07%	2.178%
9	9.382	1110	1114	1117	rBB2	2108	2929	1.08%	0.090%
10	10.011	1215	1221	1229	rBB	33569	59206	21.81%	1.822%
11	10.546	1306	1312	1322	rBB	46990	80650	29.71%	2.483%
12	10.934	1371	1378	1386	rBB	56159	98261	36.20%	3.025%
13	11.063	1395	1400	1407	rBB2	12123	20615	7.59%	0.635%
14	13.613	1831	1834	1838	rBB2	1464	1964	0.72%	0.060%
15	14.136	1917	1923	1927	rBV	94015	134456	49.53%	4.139%
16	14.177	1927	1930	1936	rVB	44797	60733	22.37%	1.869%
17	14.429	1967	1973	1980	rVB	104201	155162	57.16%	4.776%
18	14.612	2000	2004	2007	rBB	3114	3676	1.35%	0.113%
19	14.735	2019	2025	2032	rVB2	82736	131346	48.38%	4.043%
20	14.911	2049	2055	2065	rBV	50059	79320	29.22%	2.442%
21	15.505	2154	2156	2160	rBV	1379	1895	0.70%	0.058%
22	15.557	2160	2165	2169	rVB	6966	8339	3.07%	0.257%
23	15.722	2187	2193	2199	rBV	137094	198928	73.28%	6.123%
24	15.828	2206	2211	2217	rBB2	46823	67242	24.77%	2.070%
25	15.939	2227	2230	2231	rBV	1426	1354	0.50%	0.042%
26	15.963	2231	2234	2237	rVV3	2893	3237	1.19%	0.100%
27	16.104	2256	2258	2262	rBB	987	1102	0.41%	0.034%
28	16.415	2306	2311	2319	rBV	7278	12071	4.45%	0.372%
29	16.762	2366	2370	2372	rBV	914	1233	0.45%	0.038%
30	16.985	2405	2408	2411	rBV	773	801	0.30%	0.025%
31	17.203	2441	2445	2449	rBV	5462	6673	2.46%	0.205%
32	17.256	2449	2454	2458	rVB2	1839	2574	0.95%	0.079%
33	17.467	2484	2490	2497	rVV	112536	162198	59.75%	4.993%
34	17.567	2501	2507	2517	rVB2	148688	224409	82.66%	6.908%

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35	17.731	2533	2535	2538	rBV	729	1039	0.38%	0.032%
36	17.825	2546	2551	2562	rBV	18690	26908	9.91%	0.828%
37	17.943	2565	2571	2578	rVB2	3895	4997	1.84%	0.154%
38	18.113	2597	2600	2604	rBV2	676	844	0.31%	0.026%
39	18.337	2634	2638	2648	rBV	18022	27447	10.11%	0.845%
40	18.425	2651	2653	2656	rVV	1028	1028	0.38%	0.032%
41	18.630	2683	2688	2693	rBV2	2248	3428	1.26%	0.106%
42	18.754	2706	2709	2713	rBV	3339	3821	1.41%	0.118%
43	19.189	2777	2783	2787	rBV2	5650	8873	3.27%	0.273%
44	19.253	2791	2794	2797	rVB	2530	2252	0.83%	0.069%
45	19.400	2818	2819	2822	rBV	906	836	0.31%	0.026%
46	19.476	2826	2832	2833	rBV3	2430	2228	0.82%	0.069%
47	19.594	2849	2852	2857	rBV3	7211	9693	3.57%	0.298%
48	19.682	2864	2867	2869	rBV2	847	873	0.32%	0.027%
49	19.747	2873	2878	2880	rVV4	1363	1994	0.73%	0.061%
50	19.841	2887	2894	2902	rVV	196656	271475	100.00%	8.356%
51	19.899	2902	2904	2905	rVV	1325	821	0.30%	0.025%
52	19.923	2907	2908	2910	rVV3	1131	842	0.31%	0.026%
53	19.964	2913	2915	2917	rVV2	1071	840	0.31%	0.026%
54	19.982	2917	2918	2921	rVV3	1119	889	0.33%	0.027%
55	20.023	2921	2925	2928	rVV4	931	1435	0.53%	0.044%
56	20.275	2966	2968	2970	rBV4	893	905	0.33%	0.028%
57	20.322	2972	2976	2978	rBV3	2052	2797	1.03%	0.086%
58	20.422	2990	2993	2994	rBV3	944	939	0.35%	0.029%
59	20.505	3004	3007	3009	rBV3	741	908	0.33%	0.028%
60	20.575	3017	3019	3021	rBV2	1276	902	0.33%	0.028%
61	20.787	3051	3055	3058	rBV5	1010	1788	0.66%	0.055%
62	20.963	3083	3085	3090	rVB3	1839	2142	0.79%	0.066%
63	21.351	3146	3151	3162	rBV	75480	126798	46.71%	3.903%
64	21.486	3173	3174	3177	rBV3	1985	2213	0.82%	0.068%
65	21.603	3190	3194	3199	rBV8	1640	3218	1.19%	0.099%
66	21.727	3209	3215	3222	rVB	122636	191249	70.45%	5.887%
67	21.838	3231	3234	3236	rBV3	2601	2424	0.89%	0.075%
68	22.138	3283	3285	3289	rBV4	1511	1624	0.60%	0.050%
69	22.449	3337	3338	3340	rBV2	1221	1111	0.41%	0.034%
70	22.538	3346	3353	3358	rBV7	3351	7686	2.83%	0.237%
71	23.196	3459	3465	3476	rBV2	45953	91417	33.67%	2.814%

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72	23.389	3496	3498	3500	rBV3	1718	1496	0.55%	0.046%
73	23.636	3539	3540	3542	rBV2	2030	1688	0.62%	0.052%
74	24.024	3602	3606	3612	rVB4	5493	9842	3.63%	0.303%
75	24.271	3646	3648	3649	rBV2	1228	844	0.31%	0.026%
76	24.758	3720	3731	3742	rVB	94983	249240	91.81%	7.672%
77	24.917	3756	3758	3759	rBV	1322	842	0.31%	0.026%
78	24.982	3759	3769	3783	rVB2	69277	192420	70.88%	5.923%
79	25.176	3801	3802	3804	rBV2	1247	862	0.32%	0.027%
80	25.575	3869	3870	3873	rBV2	1565	1283	0.47%	0.039%
81	25.916	3926	3928	3930	rBV3	1165	1040	0.38%	0.032%
82	26.098	3952	3959	3960	rBV4	6699	10025	3.69%	0.309%
83	26.245	3979	3984	3986	rBV5	4660	7002	2.58%	0.216%
84	26.885	4092	4093	4095	rVB2	1568	810	0.30%	0.025%
85	27.473	4185	4193	4205	rVB8	6191	22577	8.32%	0.695%
86	27.731	4235	4237	4238	rBV2	1231	974	0.36%	0.030%
87	29.083	4465	4467	4468	rBV	1357	1081	0.40%	0.033%
88	29.324	4506	4508	4510	rBV3	1388	1482	0.55%	0.046%
89	29.805	4588	4590	4592	rBV3	1245	1032	0.38%	0.032%
90	30.816	4760	4762	4766	rBV4	1253	1358	0.50%	0.042%
91	30.939	4781	4783	4784	rBV2	1248	925	0.34%	0.028%
92	31.039	4798	4800	4801	rBV2	1437	1099	0.40%	0.034%
93	31.057	4801	4803	4805	rVV3	1634	1542	0.57%	0.047%
94	31.086	4805	4808	4811	rBV4	2411	3858	1.42%	0.119%
95	31.380	4856	4858	4860	rBV3	1136	1225	0.45%	0.038%
96	31.791	4926	4928	4929	rBV3	1200	850	0.31%	0.026%
97	32.267	5007	5009	5010	rBV	1258	889	0.33%	0.027%
98	32.326	5017	5019	5020	rBV2	1299	870	0.32%	0.027%
99	32.426	5034	5036	5038	rVB2	1479	1040	0.38%	0.032%
100	32.449	5038	5040	5044	rBV4	1417	1606	0.59%	0.049%

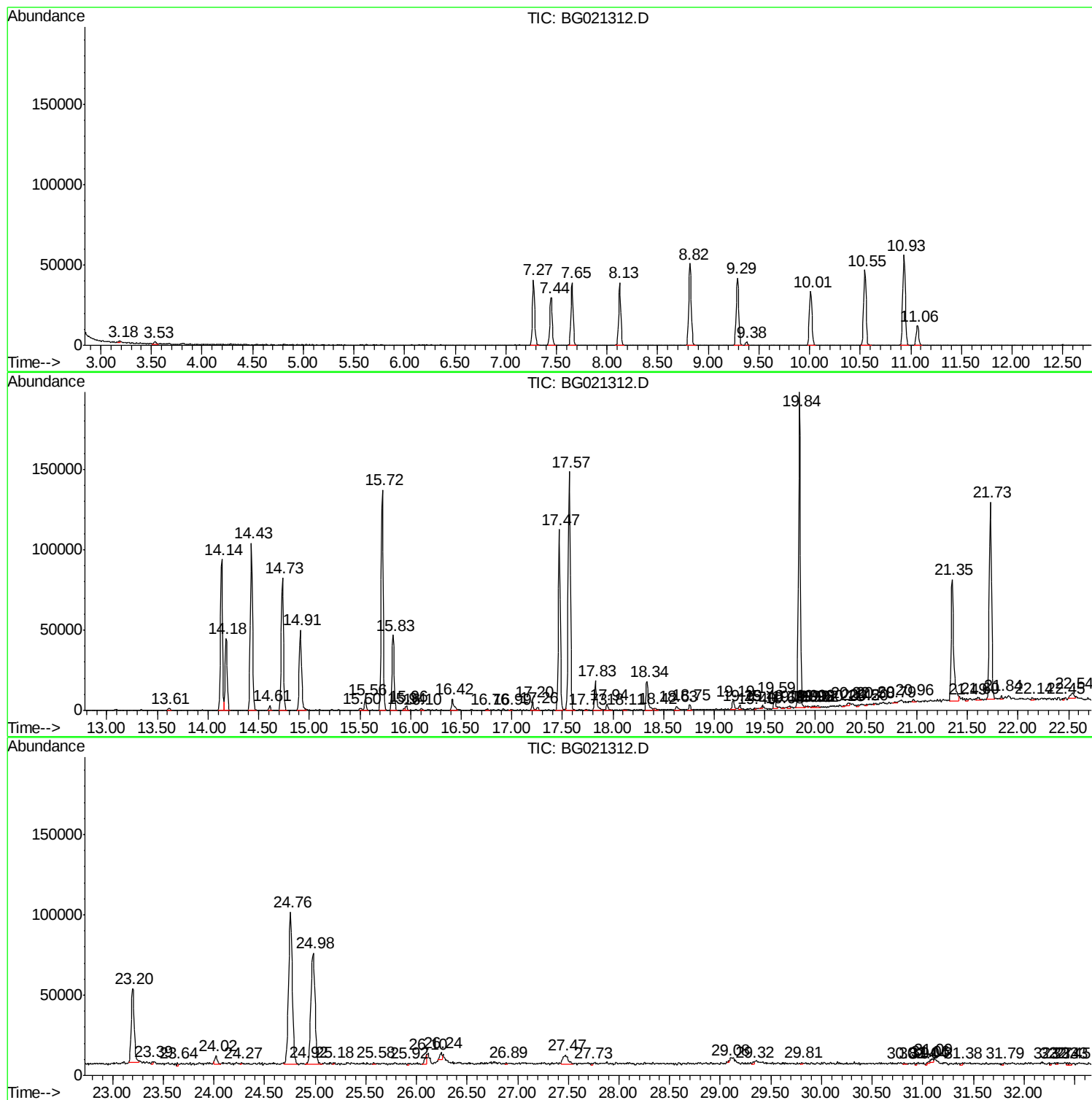
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



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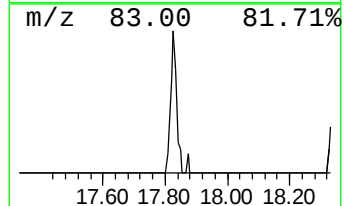
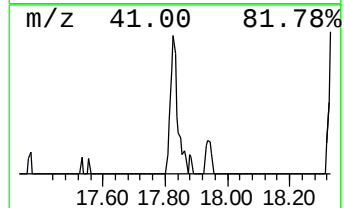
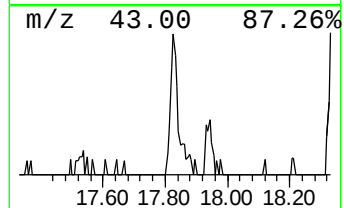
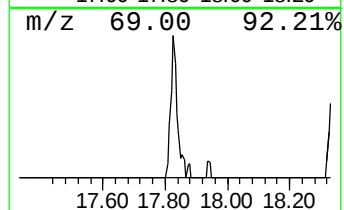
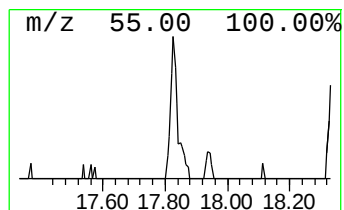
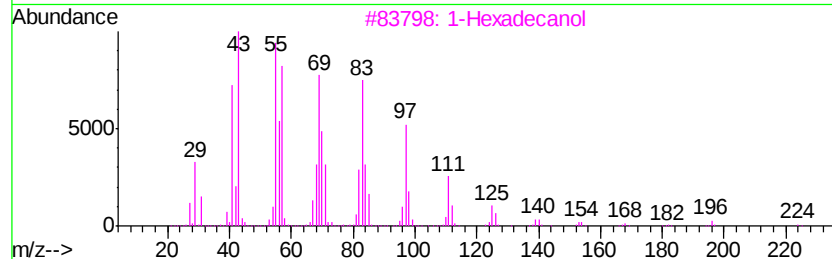
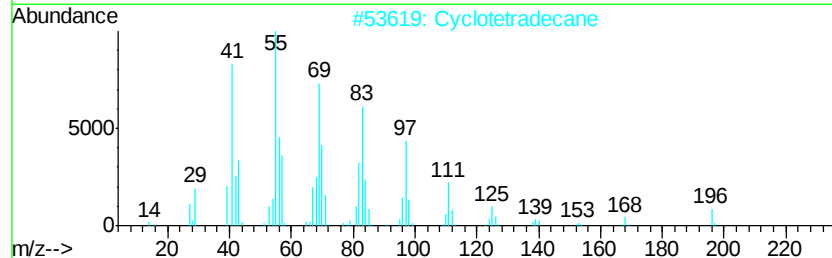
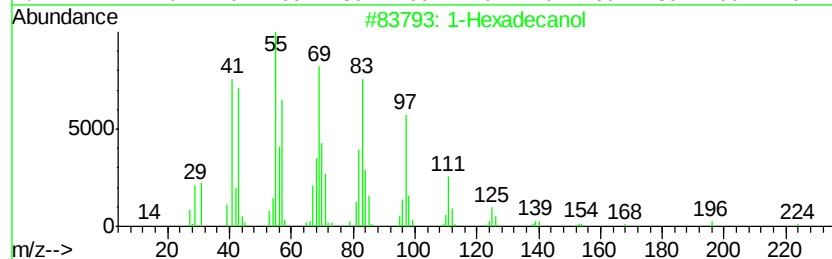
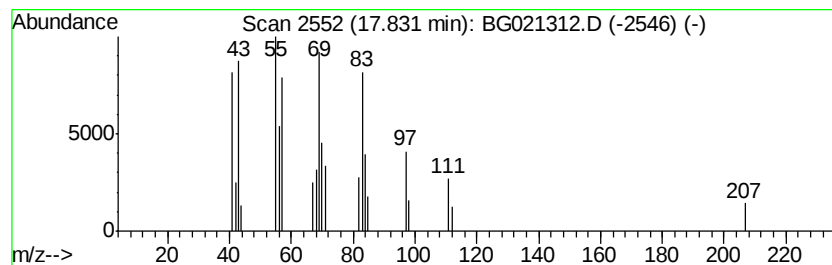
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Hexadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.32 ng/ul	26908	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol	242	C16H34O	036653-82-4	91
2		Cyclotetradecane	196	C14H28	000295-17-0	91
3		1-Hexadecanol	242	C16H34O	036653-82-4	90
4		9-Octadecene, (E)-	252	C18H36	007206-25-9	87
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	87



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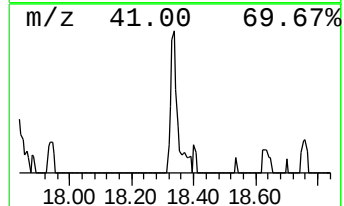
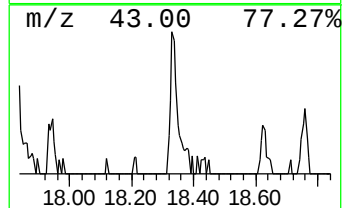
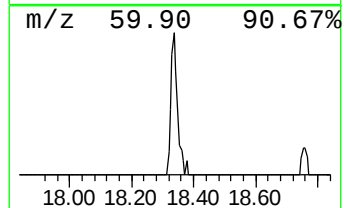
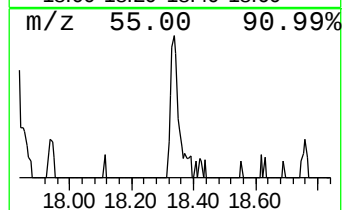
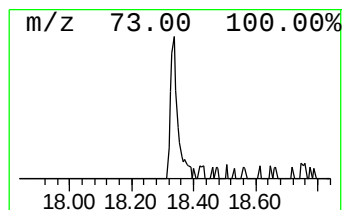
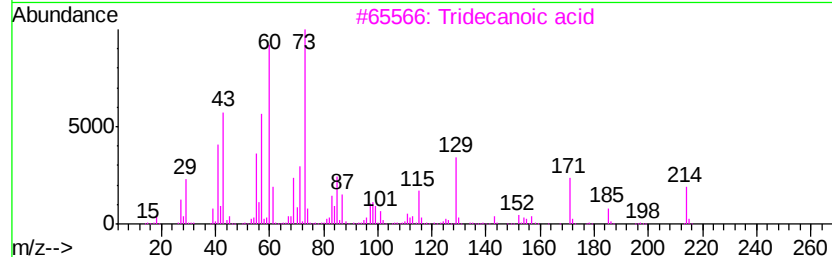
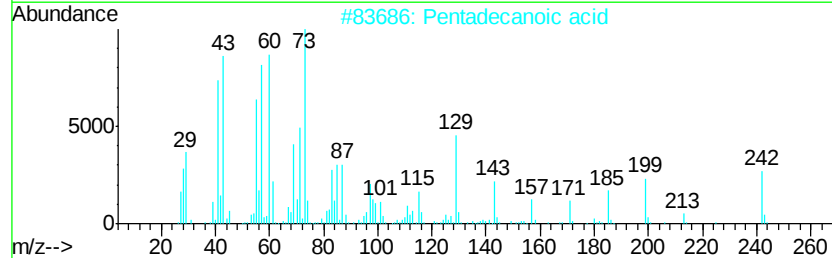
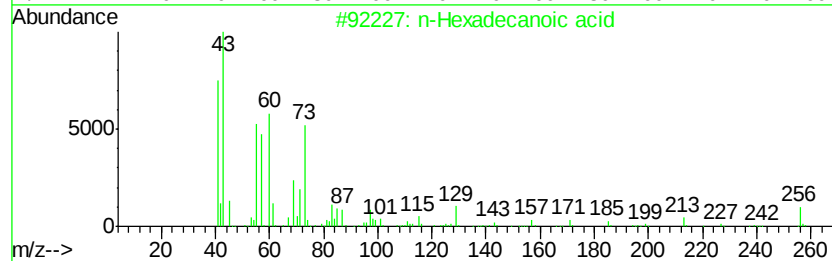
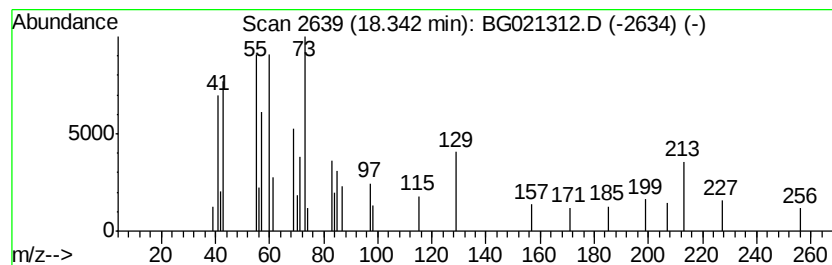
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.38 ng/ul	27447	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Dodecanoic acid	200	C12H24O2	000143-07-7	53
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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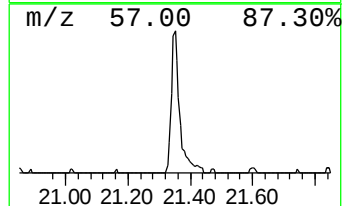
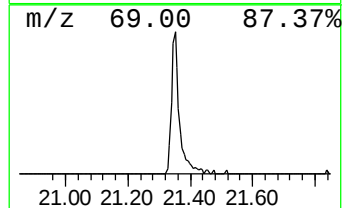
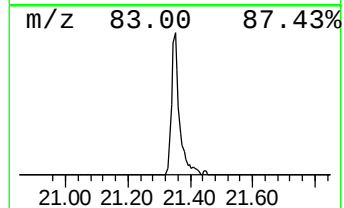
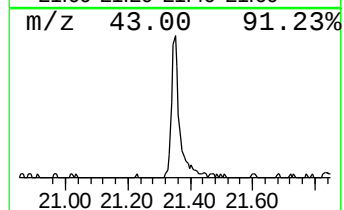
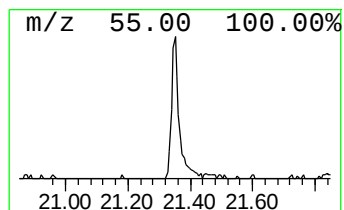
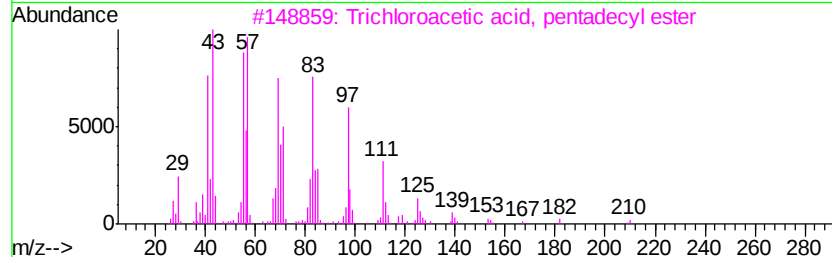
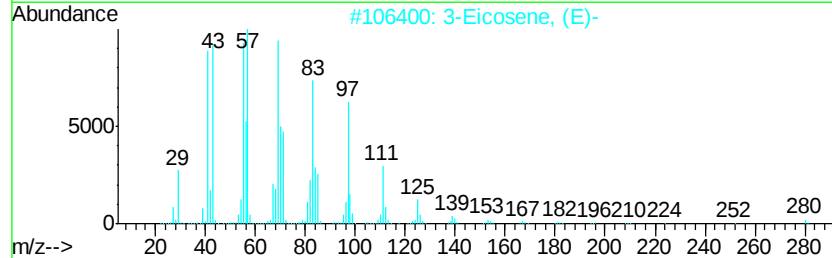
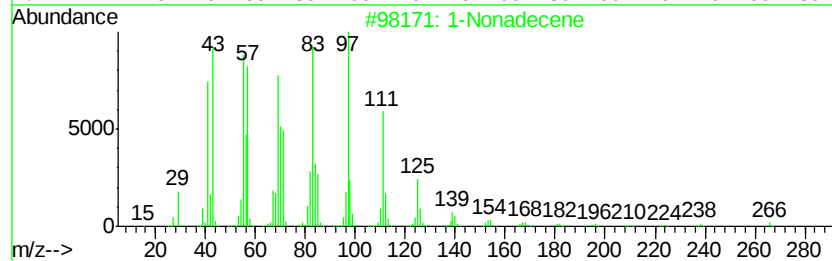
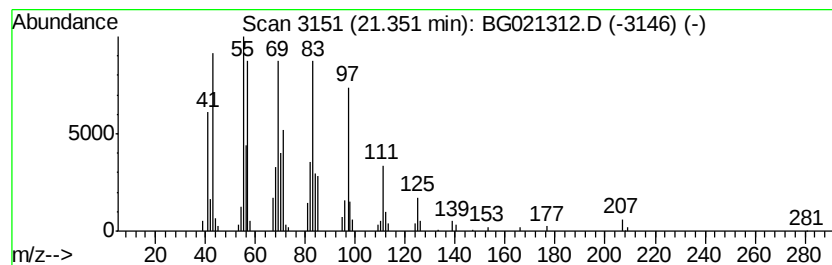
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.35	13.26 ng/ul	126798	Chrysene-d12	21.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021312.D
Acq On : 5 Mar 2016 19:14
Operator : UM/SJ
Sample : H1650-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-C350

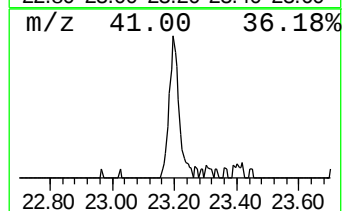
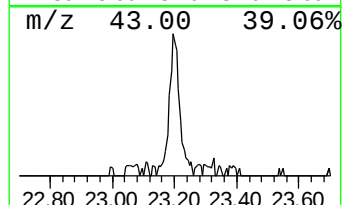
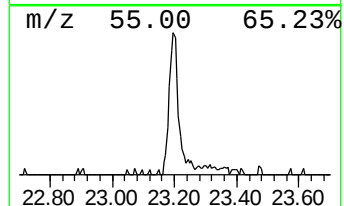
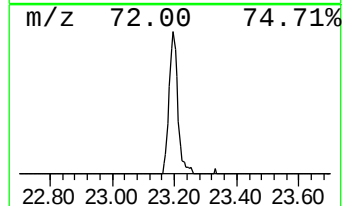
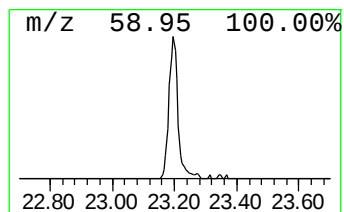
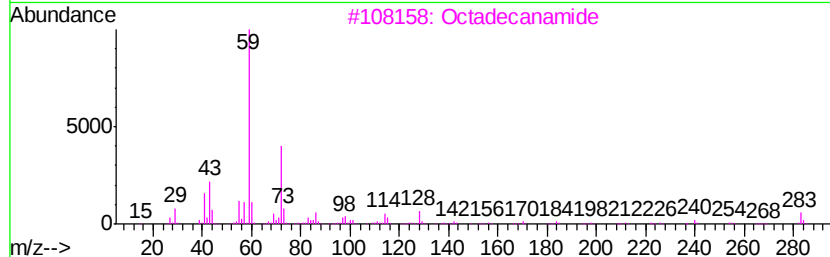
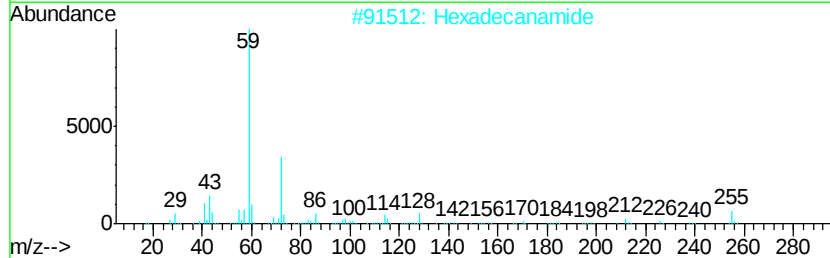
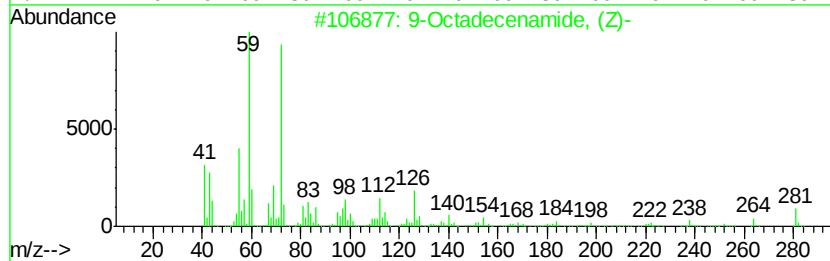
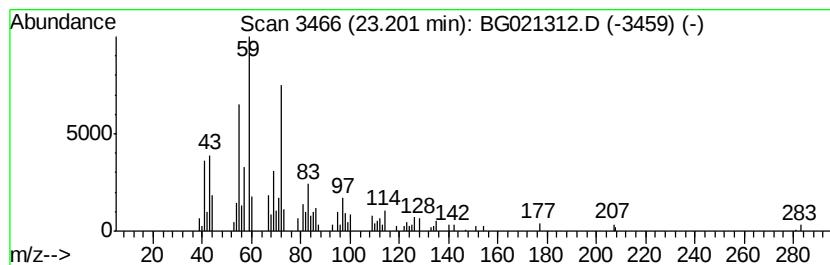
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	9.56 ng/ul	91417	Chrysene-d12	21.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
2			Hexadecanamide	255	C16H33NO	000629-54-9	64
3			Octadecanamide	283	C18H37NO	000124-26-5	50
4			2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	38
5			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021312.D
Acq On : 5 Mar 2016 19:14
Operator : UM/SJ
Sample : H1650-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-C350

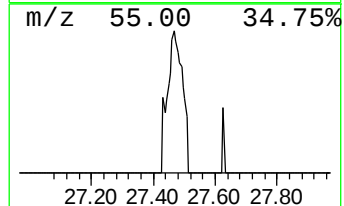
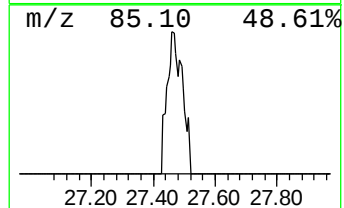
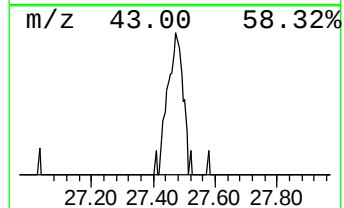
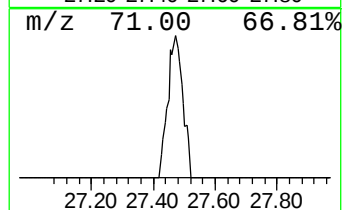
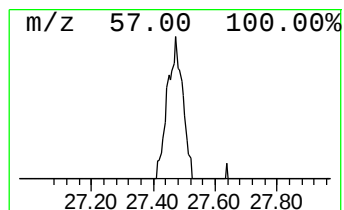
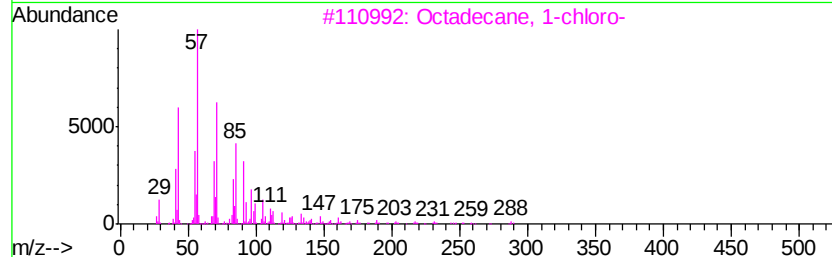
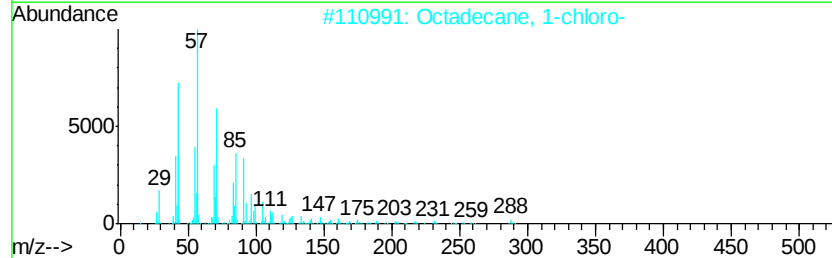
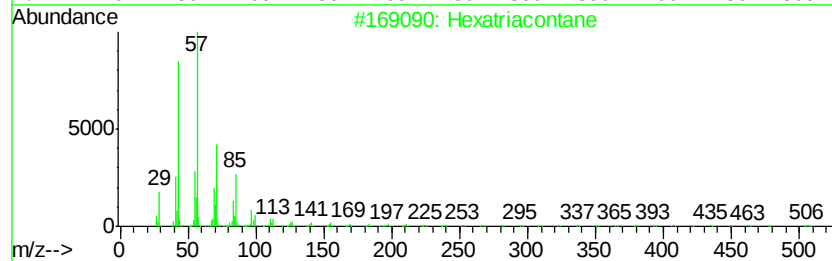
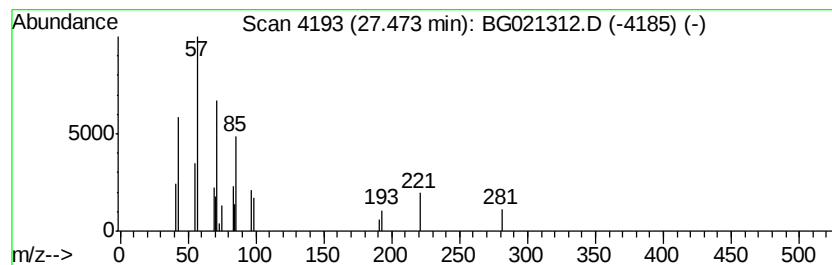
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.47	2.35 ng/ul	22577	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	64
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
4		Hexatriacontane	507	C36H74	000630-06-8	59
5		Tetratriacontane	479	C34H70	014167-59-0	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021312.D
Acq On : 5 Mar 2016 19:14
Operator : UM/SJ
Sample : H1650-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DS-C350

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
1-Hexadecanol	17.83	3.3	ng/ul	26908	4	17.47	162198	20.0
n-Hexadecanoic acid	18.34	3.4	ng/ul	27447	4	17.47	162198	20.0
(DEL) Alkane: Cyc...	21.35	13.3	ng/ul	126798	5	21.73	191249	20.0
9-Octadecenamide, ...	23.20	9.6	ng/ul	91417	5	21.73	191249	20.0
(DEL) Alkane: Str...	27.47	2.4	ng/ul	22577	6	24.98	192420	20.0