

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
 Data File : BG021334.D
 Acq On : 7 Mar 2016 11:27
 Operator : UM/SJ
 Sample : H1625-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFF0

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	3.531	114	118	122	rVV2	2606	3622	1.01%	0.091%
2	4.947	354	359	362	rBV	404	897	0.25%	0.022%
3	7.273	749	755	763	rBV	54704	92873	25.80%	2.323%
4	7.444	778	784	793	rBB	43583	70303	19.53%	1.758%
5	7.655	814	820	827	rBB	52539	89146	24.76%	2.229%
6	8.125	894	900	907	rBB	38961	61743	17.15%	1.544%
7	8.819	1012	1018	1028	rBB	66592	110007	30.56%	2.751%
8	9.289	1091	1098	1104	rBV	58836	100017	27.78%	2.501%
9	10.011	1214	1221	1228	rBV	48879	86350	23.99%	2.160%
10	10.546	1305	1312	1320	rVB	66001	114805	31.89%	2.871%
11	10.934	1370	1378	1385	rBB2	57762	101113	28.09%	2.529%
12	11.063	1393	1400	1409	rBB	66636	119789	33.28%	2.996%
13	13.607	1831	1833	1838	rBB	880	923	0.26%	0.023%
14	14.130	1917	1922	1927	rBV	131112	190564	52.94%	4.766%
15	14.177	1927	1930	1936	rVB	51902	69955	19.43%	1.750%
16	14.430	1966	1973	1981	rBB	145355	222424	61.79%	5.563%
17	14.606	1998	2003	2008	rBB	4040	4667	1.30%	0.117%
18	14.735	2018	2025	2031	rBB2	87266	135975	37.77%	3.401%
19	14.912	2050	2055	2067	rBV	71074	114764	31.88%	2.870%
20	15.105	2085	2088	2092	rBB	774	815	0.23%	0.020%
21	15.223	2105	2108	2110	rBB	1024	1039	0.29%	0.026%
22	15.511	2152	2157	2159	rBB2	810	906	0.25%	0.023%
23	15.558	2159	2165	2169	rBB	9429	11697	3.25%	0.293%
24	15.611	2171	2174	2176	rBV	741	827	0.23%	0.021%
25	15.722	2186	2193	2202	rVB	182919	280981	78.06%	7.027%
26	15.828	2206	2211	2218	rBV	72613	102510	28.48%	2.564%
27	15.957	2225	2233	2237	rBB3	3387	6504	1.81%	0.163%
28	16.051	2246	2249	2253	rBB	1067	1363	0.38%	0.034%
29	16.110	2255	2259	2264	rBB	1379	1626	0.45%	0.041%
30	16.175	2265	2270	2274	rBB	1267	1473	0.41%	0.037%
31	16.416	2306	2311	2319	rBV	10026	18600	5.17%	0.465%
32	16.598	2338	2342	2346	rBB	907	1199	0.33%	0.030%
33	16.751	2365	2368	2375	rBV2	1344	2971	0.83%	0.074%
34	16.815	2375	2379	2382	rVB2	987	1189	0.33%	0.030%

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 Title : SVOA CALIBRATION

35	16.845	2382	2384	2387	rBV2	821	836	0.23%	0.021%
36	16.915	2394	2396	2399	rBB	948	937	0.26%	0.023%
37	17.203	2441	2445	2449	rBV2	4746	6040	1.68%	0.151%
38	17.256	2449	2454	2456	rVV2	1900	2214	0.62%	0.055%
39	17.467	2483	2490	2498	rBB2	112732	169720	47.15%	4.245%
40	17.567	2501	2507	2517	rVV	213852	315421	87.62%	7.888%
41	17.943	2568	2571	2574	rBV2	1055	1171	0.33%	0.029%
42	18.337	2633	2638	2644	rBV	26333	36318	10.09%	0.908%
43	18.754	2704	2709	2713	rVV2	698	1076	0.30%	0.027%
44	19.477	2830	2832	2836	rVB2	2662	2967	0.82%	0.074%
45	19.594	2849	2852	2858	rBV2	15769	18705	5.20%	0.468%
46	19.724	2871	2874	2876	rBV2	1067	1214	0.34%	0.030%
47	19.841	2883	2894	2900	rBV2	254978	359972	100.00%	9.003%
48	19.941	2908	2911	2913	rVB2	1221	1325	0.37%	0.033%
49	19.964	2913	2915	2918	rBV	1250	1605	0.45%	0.040%
50	20.323	2972	2976	2978	rBV4	2323	2616	0.73%	0.065%
51	20.605	3021	3024	3027	rBV4	1038	1086	0.30%	0.027%
52	20.681	3034	3037	3039	rBV2	977	1184	0.33%	0.030%
53	20.828	3059	3062	3064	rBV2	1852	2182	0.61%	0.055%
54	20.963	3083	3085	3088	rBV4	1590	1985	0.55%	0.050%
55	21.104	3107	3109	3110	rBV2	1239	985	0.27%	0.025%
56	21.163	3117	3119	3121	rBV3	1071	1264	0.35%	0.032%
57	21.351	3146	3151	3166	rBV	84253	141168	39.22%	3.530%
58	21.533	3181	3182	3183	rBV	1788	832	0.23%	0.021%
59	21.551	3183	3185	3186	rVV2	1749	1404	0.39%	0.035%
60	21.598	3190	3193	3197	rVB4	4308	6052	1.68%	0.151%
61	21.727	3209	3215	3224	rBV	123326	197047	54.74%	4.928%
62	22.044	3267	3269	3271	rBV2	1284	913	0.25%	0.023%
63	22.127	3279	3283	3284	rBV3	1709	1747	0.49%	0.044%
64	22.362	3319	3323	3324	rBV4	2428	2840	0.79%	0.071%
65	22.538	3350	3353	3361	rVB8	3286	7361	2.04%	0.184%
66	22.655	3371	3373	3377	rVB4	2203	1833	0.51%	0.046%
67	22.691	3377	3379	3380	rBV2	1827	1562	0.43%	0.039%
68	22.802	3396	3398	3400	rVB2	1195	826	0.23%	0.021%
69	22.920	3415	3418	3420	rVB3	2311	2304	0.64%	0.058%
70	23.084	3444	3446	3449	rBV4	1275	1573	0.44%	0.039%
71	23.384	3493	3497	3507	rVB6	4337	11068	3.07%	0.277%

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72	24.013	3600	3604	3605	rBV3	2984	3348	0.93%	0.084%
73	24.406	3669	3671	3673	rVB3	1425	851	0.24%	0.021%
74	24.453	3677	3679	3681	rVB	1362	1046	0.29%	0.026%
75	24.759	3720	3731	3741	rBV	121751	331298	92.03%	8.285%
76	24.900	3752	3755	3758	rVV5	1175	1744	0.48%	0.044%
77	24.982	3758	3769	3779	rVB3	66836	185335	51.49%	4.635%
78	26.098	3955	3959	3961	rBV4	2286	3191	0.89%	0.080%
79	26.239	3976	3983	3984	rBV4	6234	10674	2.97%	0.267%
80	26.586	4040	4042	4044	rBV3	1692	1920	0.53%	0.048%
81	26.663	4053	4055	4058	rBV3	983	924	0.26%	0.023%
82	27.180	4141	4143	4146	rVB2	1298	895	0.25%	0.022%
83	27.209	4146	4148	4149	rBV2	1440	1107	0.31%	0.028%
84	27.415	4182	4183	4185	rBV	1135	881	0.24%	0.022%
85	27.456	4185	4190	4191	rBV4	2584	3771	1.05%	0.094%
86	27.473	4191	4193	4194	rVB2	1782	1048	0.29%	0.026%
87	28.202	4315	4317	4320	rBV4	1010	1404	0.39%	0.035%
88	29.336	4508	4510	4512	rBV2	1399	1600	0.44%	0.040%
89	29.483	4533	4535	4537	rBV3	1421	1400	0.39%	0.035%
90	29.565	4548	4549	4550	rBV	1668	810	0.23%	0.020%
91	29.800	4585	4589	4590	rVB3	1447	1337	0.37%	0.033%
92	30.012	4623	4625	4627	rBV2	1116	1021	0.28%	0.026%
93	30.064	4632	4634	4635	rVB	1540	981	0.27%	0.025%
94	30.758	4750	4752	4755	rVB4	1210	1415	0.39%	0.035%
95	31.057	4801	4803	4804	rBV2	1250	1075	0.30%	0.027%
96	31.116	4811	4813	4814	rVB2	1701	979	0.27%	0.024%
97	31.134	4814	4816	4819	rVB3	1999	2480	0.69%	0.062%
98	31.780	4924	4926	4927	rBV2	1131	949	0.26%	0.024%
99	31.886	4942	4944	4946	rBV2	1063	931	0.26%	0.023%
100	32.203	4997	4998	5002	rBV3	1030	1153	0.32%	0.029%

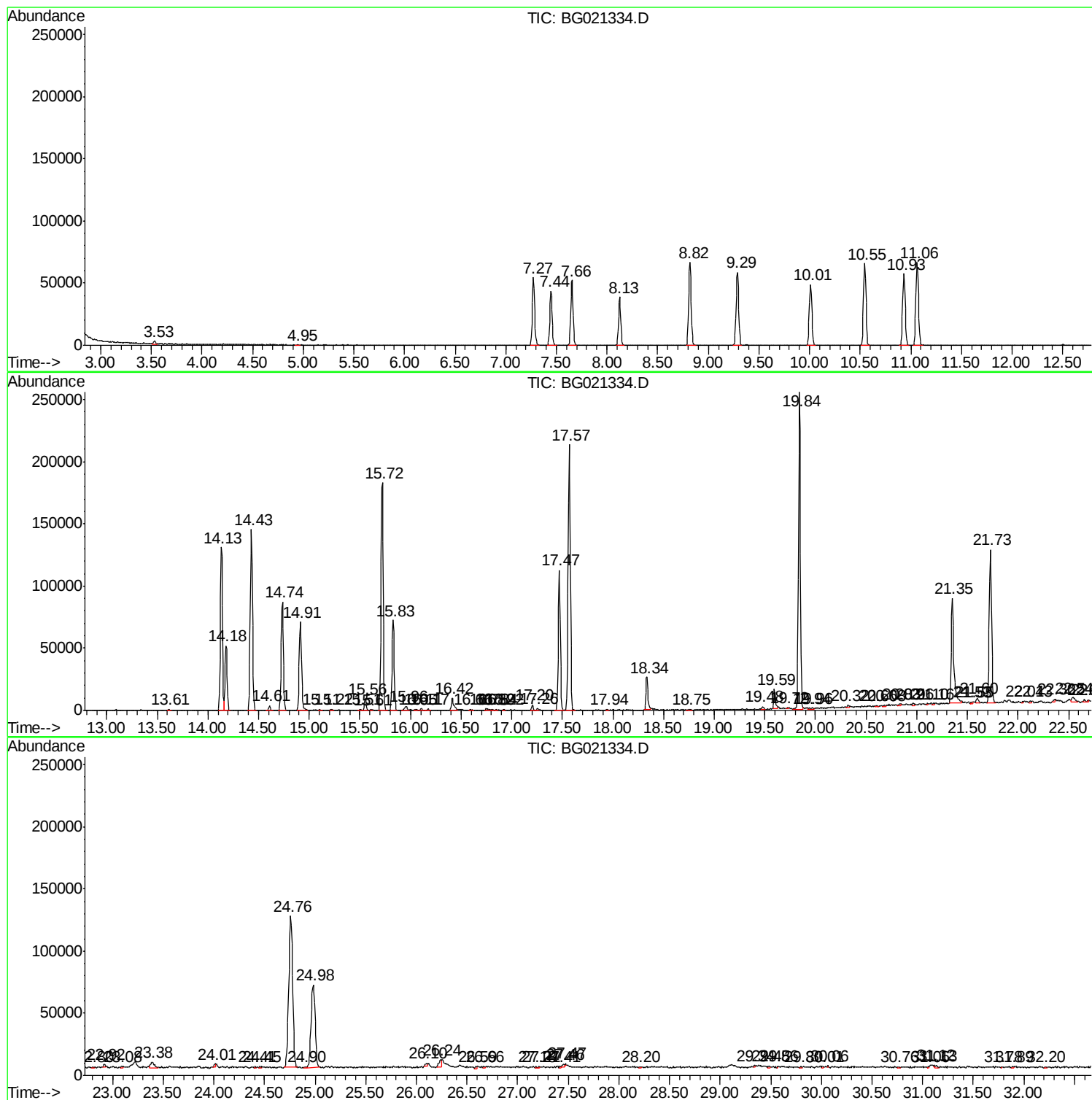
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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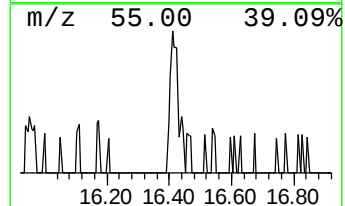
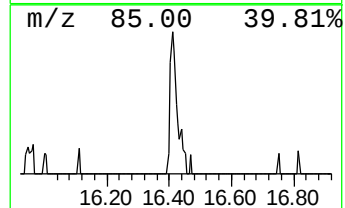
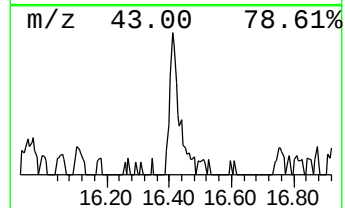
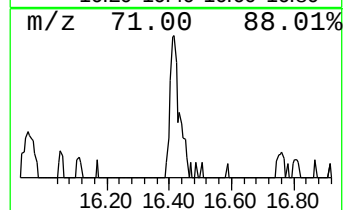
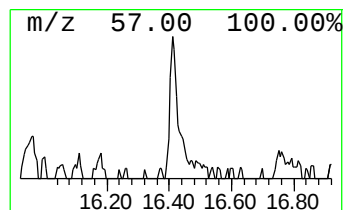
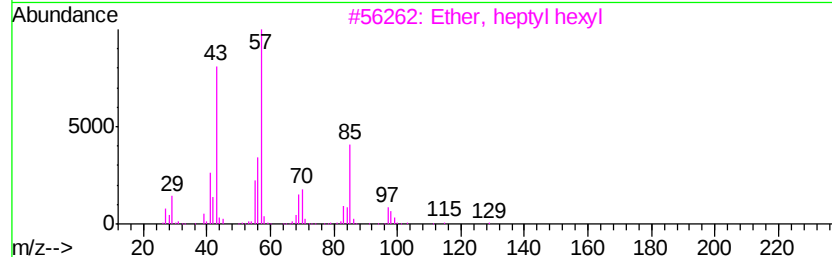
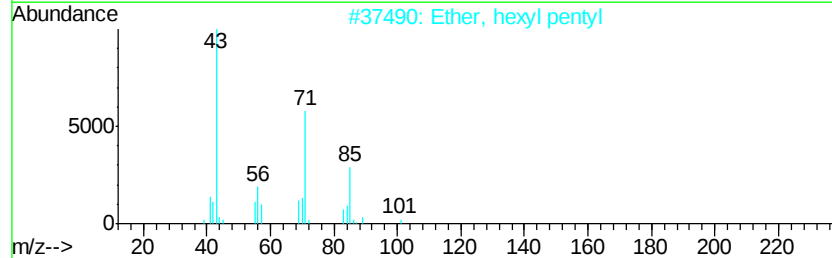
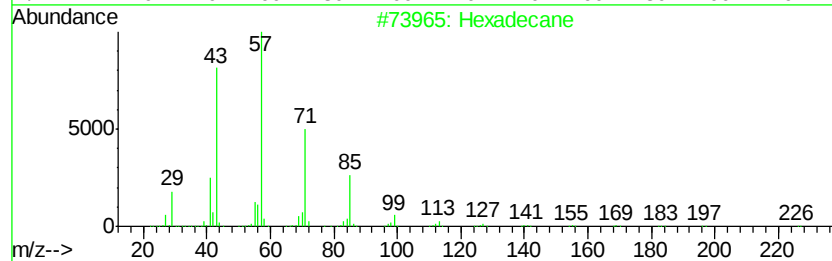
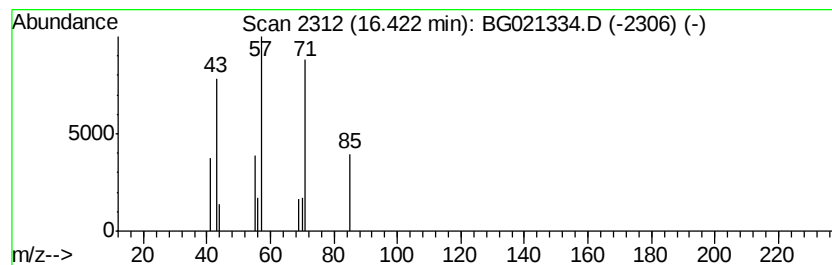
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.42	2.19 ng/ul	18600	Phenanthrene-d10		17.47
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
3	Ether, heptyl hexyl	200	C13H28O	007289-40-9	50
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47



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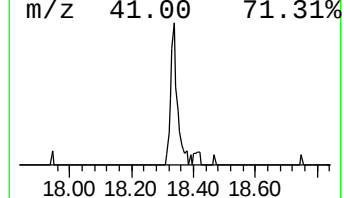
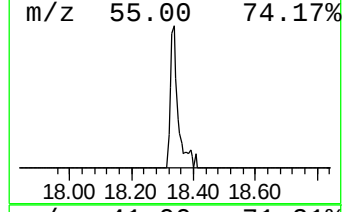
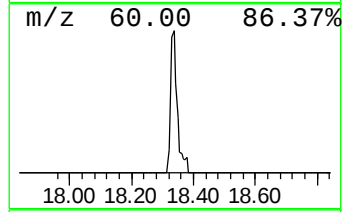
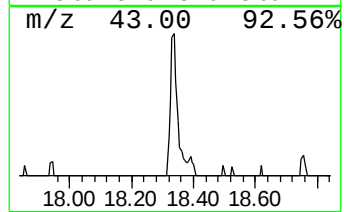
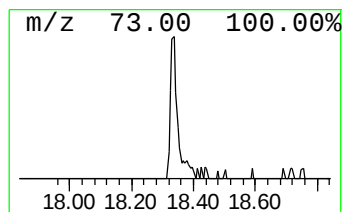
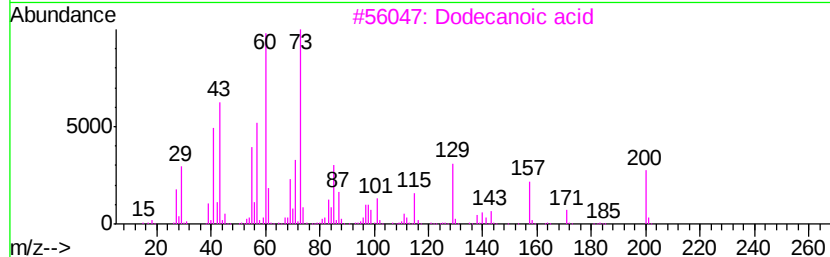
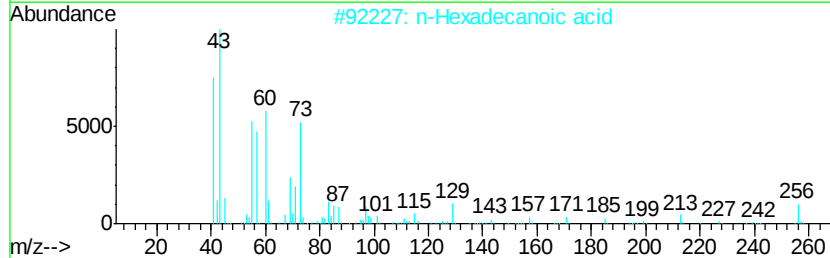
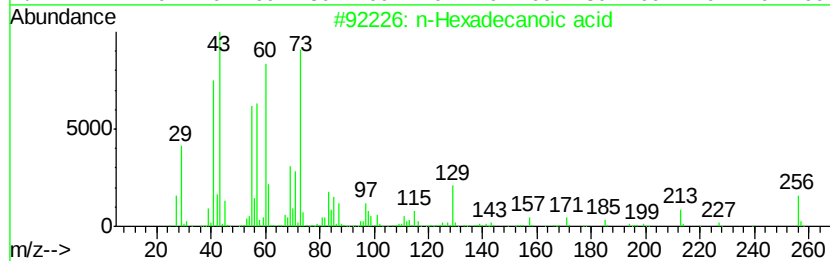
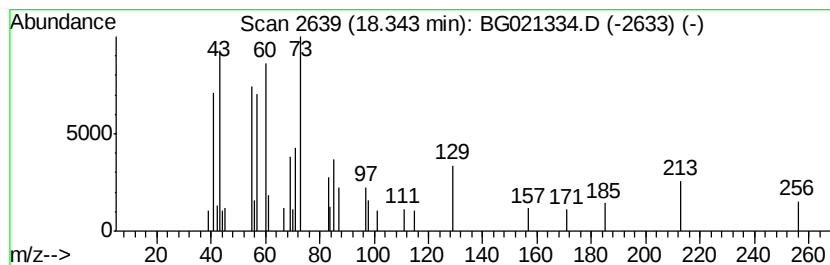
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.28 ng/ul	36318	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Dodecanoic acid	200	C12H24O2	000143-07-7	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	59



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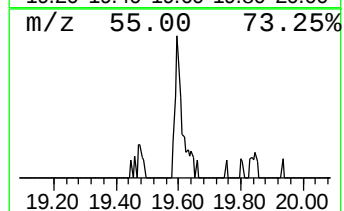
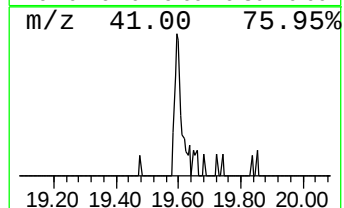
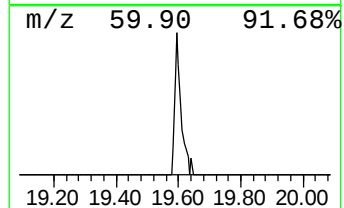
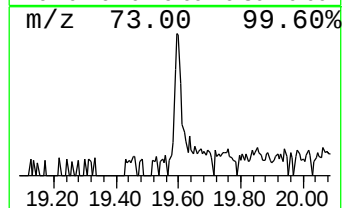
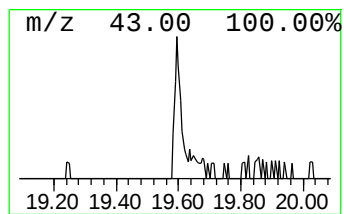
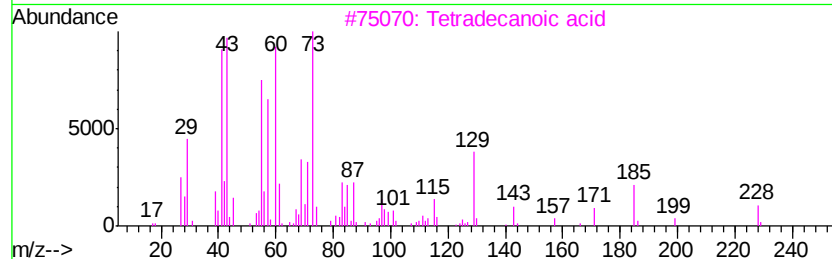
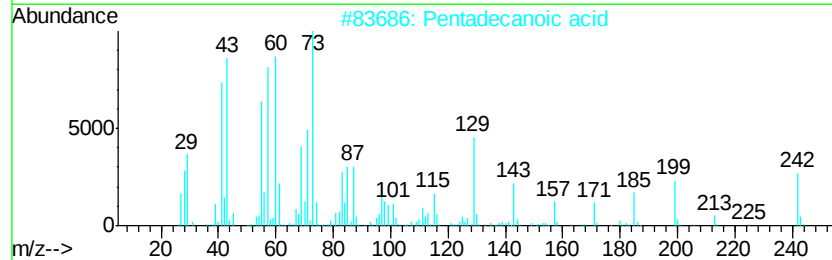
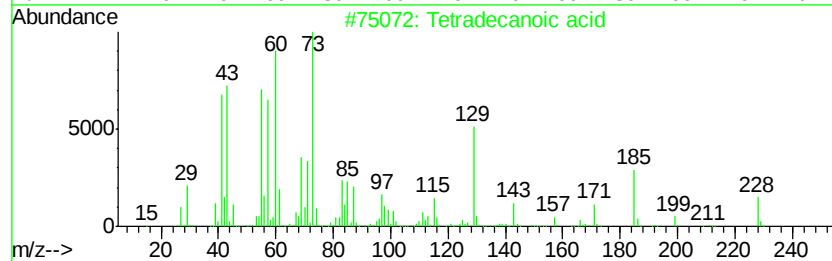
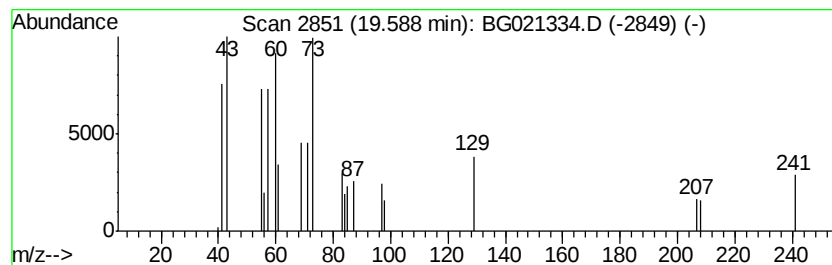
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.20 ng/ul	18705	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		Tridecanoic acid	214	C13H26O2	000638-53-9	42



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021334.D
Acq On : 7 Mar 2016 11:27
Operator : UM/SJ
Sample : H1625-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFF0

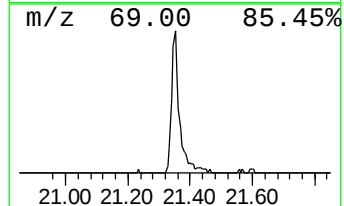
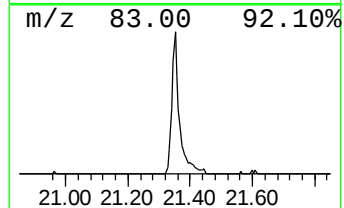
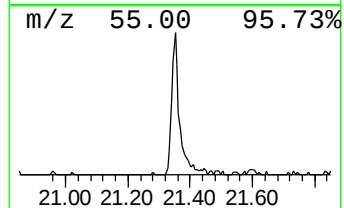
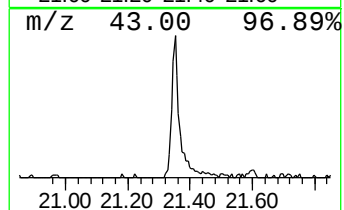
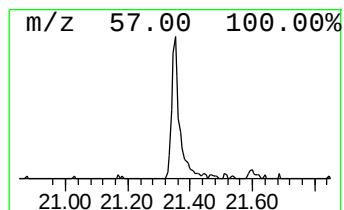
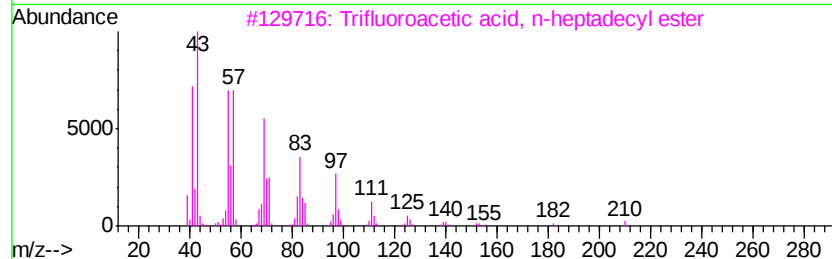
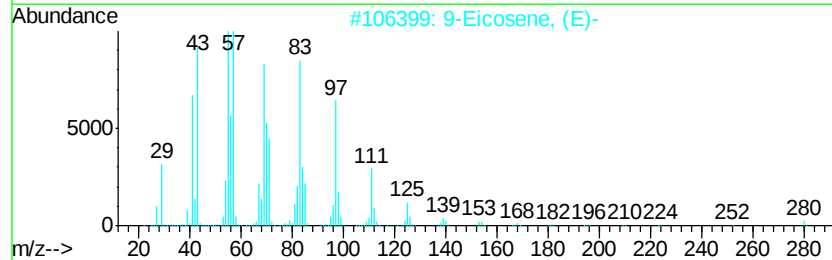
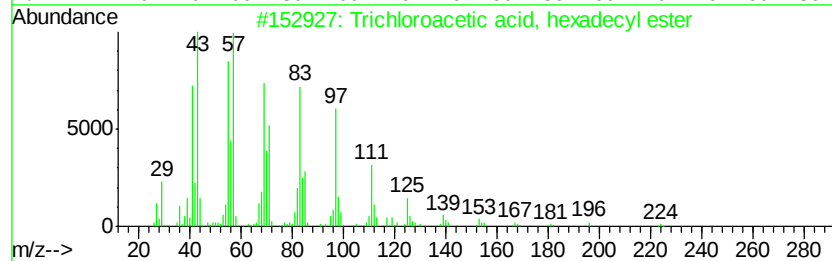
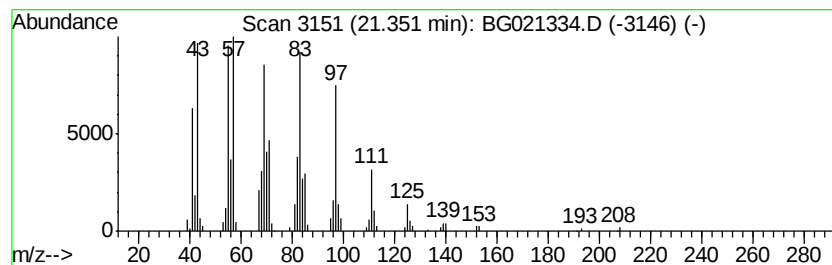
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	14.33 ng/ul	141168	Chrysene-d12	21.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
4		1-Heptadecanol	256	C17H36O	001454-85-9	90
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	87



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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	16.42	2.2	ng/ul	18600	4	17.47	169720	20.0
n-Hexadecanoic acid	18.34	4.3	ng/ul	36318	4	17.47	169720	20.0
Tetradecanoic acid	19.59	2.2	ng/ul	18705	4	17.47	169720	20.0
Trichloroacetic a...	21.35	14.3	ng/ul	141168	5	21.73	197047	20.0