

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025186.D
 Acq On : 14 Dec 2016 21:38
 Operator : UM/SJ
 Sample : H5938-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA826

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	3.148	50	53	61	rVB2	13718	19571	0.89%	0.067%
2	3.589	122	128	137	rVB7	17335	34739	1.58%	0.119%
3	3.836	168	170	176	rVB3	6865	11139	0.51%	0.038%
4	4.129	216	220	226	rVB8	8186	12977	0.59%	0.044%
5	4.359	255	259	266	rVB6	5585	11403	0.52%	0.039%
6	5.087	381	383	390	rBV6	6372	10353	0.47%	0.035%
7	5.299	413	419	426	rBV7	11909	26261	1.19%	0.090%
8	5.639	474	477	481	rBV6	6537	10390	0.47%	0.036%
9	5.827	506	509	517	rVB6	5869	14400	0.65%	0.049%
10	6.215	568	575	581	rVV9	5680	13211	0.60%	0.045%
11	6.286	581	587	594	rVB6	5182	13714	0.62%	0.047%
12	7.208	737	744	748	rBV8	9010	22045	1.00%	0.075%
13	7.384	766	774	788	rVV	269773	549187	24.94%	1.879%
14	7.549	795	802	810	rBV	186596	324212	14.72%	1.109%
15	7.760	830	838	852	rBV2	254903	487212	22.12%	1.667%
16	8.236	908	919	927	rVV	298668	536062	24.34%	1.834%
17	8.665	988	992	997	rVB6	4759	11014	0.50%	0.038%
18	8.871	1022	1027	1031	rVV6	8345	16326	0.74%	0.056%
19	8.936	1031	1038	1056	rVV	346720	677195	30.75%	2.317%
20	9.059	1056	1059	1070	rVB7	7801	22259	1.01%	0.076%
21	9.235	1084	1089	1092	rBV4	6654	11655	0.53%	0.040%
22	9.329	1103	1105	1111	rVB4	6553	11501	0.52%	0.039%
23	9.411	1111	1119	1128	rBV2	277697	539797	24.51%	1.847%
24	9.488	1128	1132	1141	rVV4	21258	48640	2.21%	0.166%
25	9.717	1169	1171	1178	rBV4	6431	10723	0.49%	0.037%
26	9.787	1178	1183	1190	rVB7	6329	14746	0.67%	0.050%
27	10.140	1234	1243	1252	rBV2	257623	508324	23.08%	1.739%
28	10.493	1301	1303	1310	rVB7	7092	11790	0.54%	0.040%
29	10.681	1328	1335	1352	rVV	371139	719626	32.68%	2.462%
30	10.980	1379	1386	1391	rBV5	8586	16830	0.76%	0.058%
31	11.062	1391	1400	1415	rVB	454577	867147	39.37%	2.967%
32	11.203	1415	1424	1435	rBV	159689	337161	15.31%	1.154%
33	11.427	1456	1462	1464	rBV5	9640	18410	0.84%	0.063%
34	11.468	1465	1469	1475	rVB7	10348	20144	0.91%	0.069%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025186.D
 Acq On : 14 Dec 2016 21:38
 Operator : UM/SJ
 Sample : H5938-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA826

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Title : SVOA CALIBRATION

35	11.591	1484	1490	1495	rBV7	7983	15035	0.68%	0.051%
36	11.627	1495	1496	1503	rVB5	5546	11818	0.54%	0.040%
37	11.873	1535	1538	1544	rVB4	12089	20348	0.92%	0.070%
38	12.414	1626	1630	1636	rBV7	14280	22798	1.04%	0.078%
39	12.702	1674	1679	1684	rBV4	22094	35525	1.61%	0.122%
40	12.843	1697	1703	1705	rBV5	9313	15450	0.70%	0.053%
41	12.919	1710	1716	1722	rBV3	19964	32703	1.48%	0.112%
42	12.972	1722	1725	1734	rVV8	6395	14217	0.65%	0.049%
43	13.054	1734	1739	1741	rVB5	10081	15897	0.72%	0.054%
44	13.207	1760	1765	1770	rBV9	13434	22559	1.02%	0.077%
45	13.348	1785	1789	1794	rVB6	14560	22898	1.04%	0.078%
46	13.442	1801	1805	1813	rVB8	9513	20351	0.92%	0.070%
47	13.642	1833	1839	1842	rBV4	25542	39231	1.78%	0.134%
48	13.783	1860	1863	1869	rBV7	4956	11388	0.52%	0.039%
49	13.900	1876	1883	1889	rBV9	10197	28553	1.30%	0.098%
50	14.035	1898	1906	1912	rVV9	10740	28511	1.29%	0.098%
51	14.118	1918	1920	1924	rVB5	9141	10889	0.49%	0.037%
52	14.171	1924	1929	1935	rBV8	21489	47276	2.15%	0.162%
53	14.247	1935	1942	1946	rVV	768772	1163545	52.83%	3.981%
54	14.294	1946	1950	1959	rVB	645760	939168	42.64%	3.213%
55	14.411	1967	1970	1974	rBV6	11725	17509	0.80%	0.060%
56	14.494	1981	1984	1987	rBV5	8501	11462	0.52%	0.039%
57	14.552	1987	1994	2005	rVV	749033	1241266	56.36%	4.247%
58	14.699	2015	2019	2024	rVB4	44690	63132	2.87%	0.216%
59	14.858	2033	2046	2057	rBV	836705	1411415	64.09%	4.829%
60	15.058	2072	2080	2090	rBV3	292130	586231	26.62%	2.006%
61	15.228	2101	2109	2120	rVB3	26029	85029	3.86%	0.291%
62	15.310	2120	2123	2132	rVB3	13651	30619	1.39%	0.105%
63	15.387	2132	2136	2140	rBV7	8811	14627	0.66%	0.050%
64	15.463	2144	2149	2154	rBV8	12489	30203	1.37%	0.103%
65	15.510	2156	2157	2161	rVB4	10248	11799	0.54%	0.040%
66	15.610	2166	2174	2175	rBV6	27413	47404	2.15%	0.162%
67	15.639	2177	2179	2187	rVB2	62973	87187	3.96%	0.298%
68	15.845	2204	2214	2226	rVB	1086092	1695223	76.97%	5.800%
69	15.968	2227	2235	2242	rBV	351842	556966	25.29%	1.906%
70	16.045	2244	2248	2253	rBV6	19529	28212	1.28%	0.097%
71	16.145	2262	2265	2268	rBV5	9345	11397	0.52%	0.039%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025186.D
 Acq On : 14 Dec 2016 21:38
 Operator : UM/SJ
 Sample : H5938-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA826

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Title : SVOA CALIBRATION

72	16.274	2284	2287	2294	rVB9	20838	29934	1.36%	0.102%
73	16.339	2294	2298	2303	rBV7	11821	19492	0.89%	0.067%
74	16.450	2312	2317	2321	rBV8	14721	30744	1.40%	0.105%
75	16.503	2321	2326	2341	rBV4	91932	250346	11.37%	0.857%
76	16.873	2382	2389	2393	rBV8	23966	54544	2.48%	0.187%
77	17.120	2428	2431	2436	rBV7	17021	33079	1.50%	0.113%
78	17.249	2450	2453	2457	rBV6	17821	21385	0.97%	0.073%
79	17.296	2457	2461	2466	rBV2	89143	112686	5.12%	0.386%
80	17.337	2467	2468	2478	rVB6	22112	35358	1.61%	0.121%
81	17.602	2505	2513	2523	rBV	1029120	1703040	77.33%	5.827%
82	17.702	2523	2530	2539	rVB2	1065149	1703287	77.34%	5.828%
83	17.931	2563	2569	2582	rBV2	320827	697054	31.65%	2.385%
84	18.031	2582	2586	2591	rVB	81431	116201	5.28%	0.398%
85	18.436	2650	2655	2664	rBV4	110630	208025	9.45%	0.712%
86	18.683	2695	2697	2700	rBV4	21910	26505	1.20%	0.091%
87	18.718	2700	2703	2708	rVB	90443	102823	4.67%	0.352%
88	19.306	2800	2803	2805	rBV4	25757	29106	1.32%	0.100%
89	19.341	2805	2809	2816	rVB2	96088	151608	6.88%	0.519%
90	19.864	2895	2898	2900	rBV3	36959	37717	1.71%	0.129%
91	19.911	2903	2906	2911	rVB	117659	146072	6.63%	0.500%
92	19.976	2911	2917	2928	rBV	1421758	2202354	100.00%	7.536%
93	20.440	2992	2996	3002	rVB	149965	170376	7.74%	0.583%
94	20.833	3059	3063	3068	rVB	195756	264559	12.01%	0.905%
95	20.939	3074	3081	3093	rVB3	131481	292344	13.27%	1.000%
96	21.462	3165	3170	3181	rVB6	106967	279564	12.69%	0.957%
97	21.891	3236	3243	3257	rVB	1104498	2065215	93.77%	7.066%
98	24.212	3634	3638	3646	rVB6	80563	186034	8.45%	0.637%
99	25.075	3776	3785	3800	rVB2	698870	1993071	90.50%	6.820%
100	25.310	3816	3825	3840	rVB3	590800	1855430	84.25%	6.349%

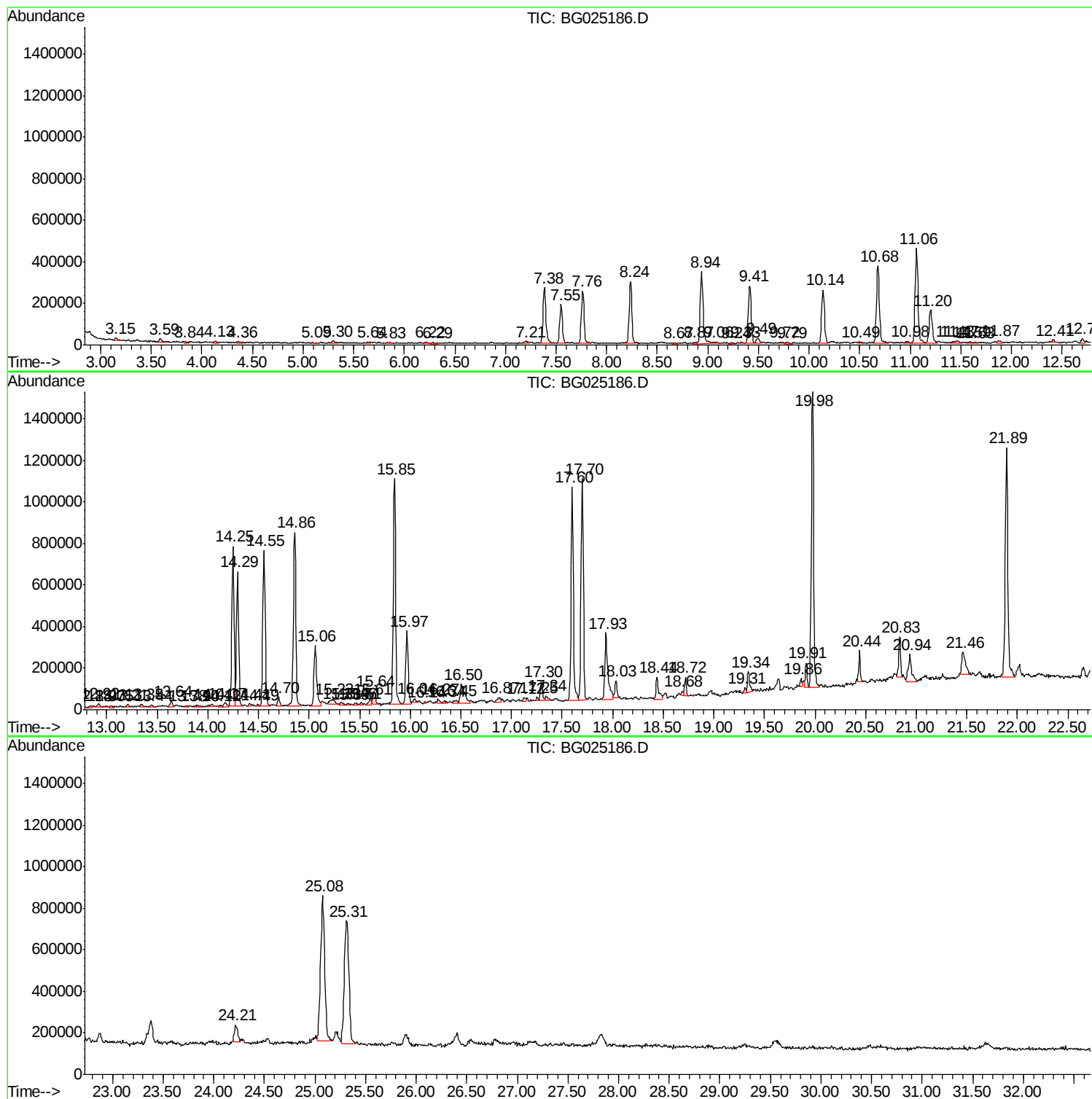
Sum of corrected areas: 29225958

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025186.D
Acq On : 14 Dec 2016 21:38
Operator : UM/SJ
Sample : H5938-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA826

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025186.D
Acq On : 14 Dec 2016 21:38
Operator : UM/SJ
Sample : H5938-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA826

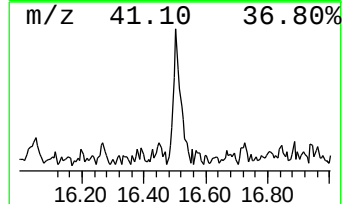
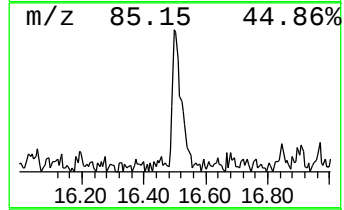
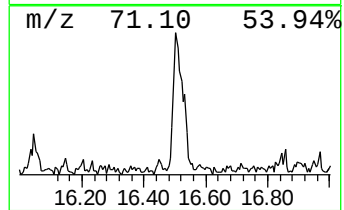
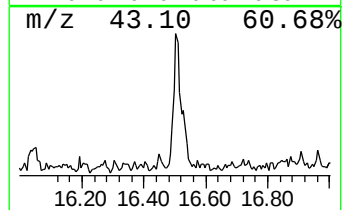
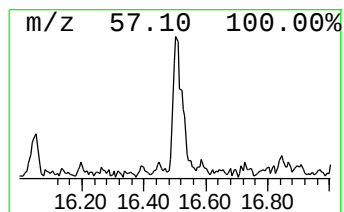
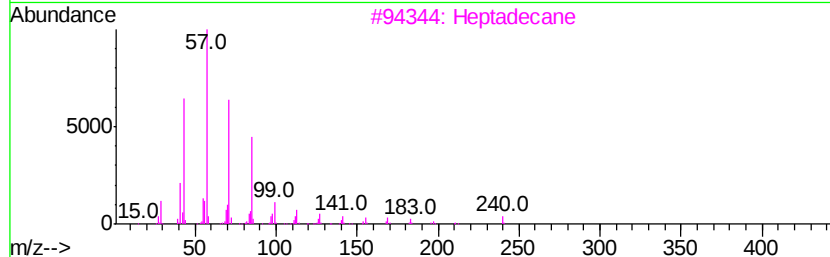
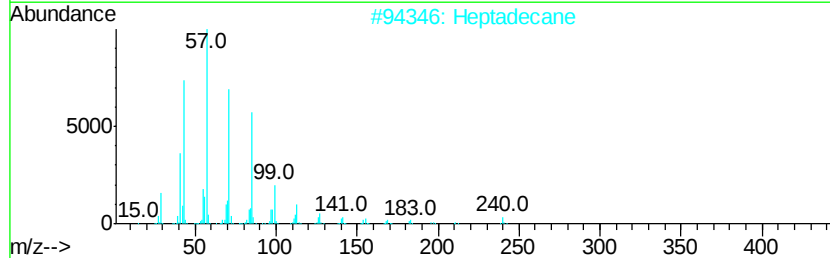
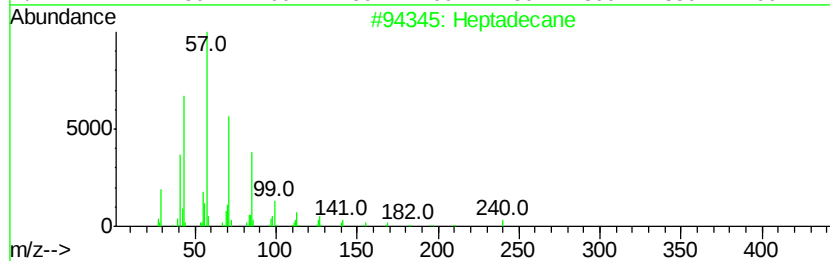
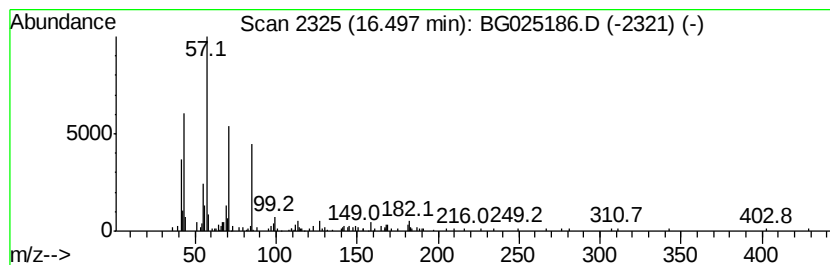
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.94 ng/ul	250346	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Heptadecane	240	C17H36	000629-78-7	87
3			Heptadecane	240	C17H36	000629-78-7	87
4			Octadecane	254	C18H38	000593-45-3	80
5			Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025186.D
Acq On : 14 Dec 2016 21:38
Operator : UM/SJ
Sample : H5938-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA826

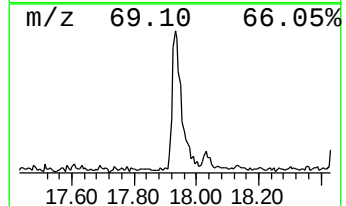
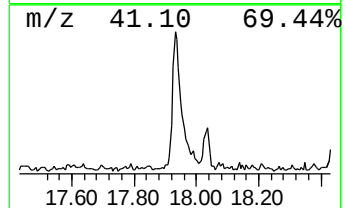
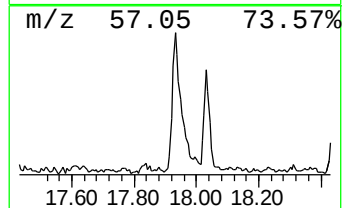
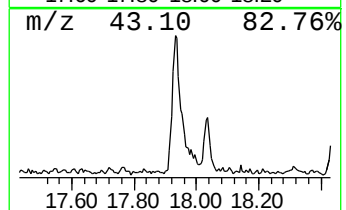
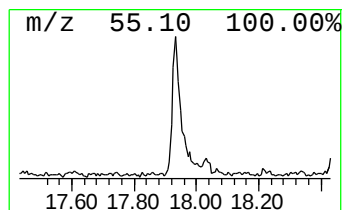
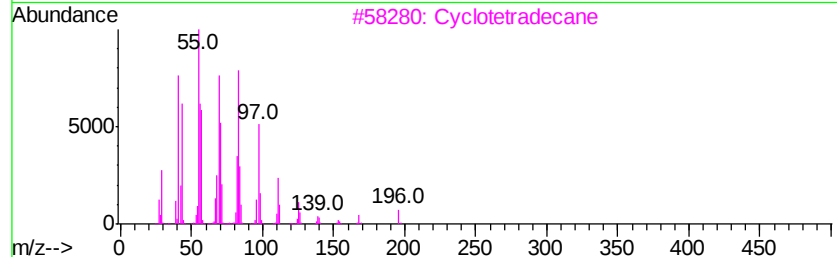
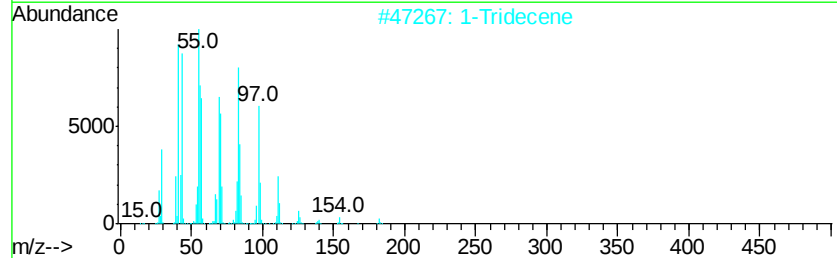
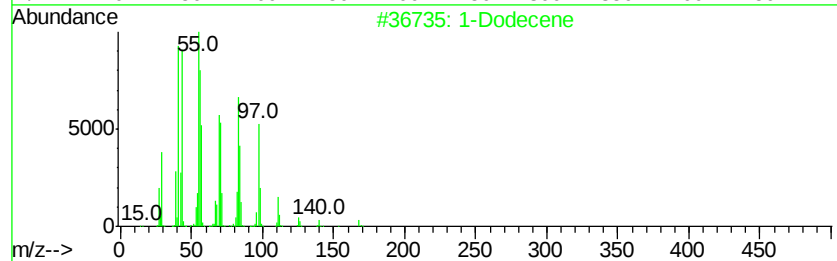
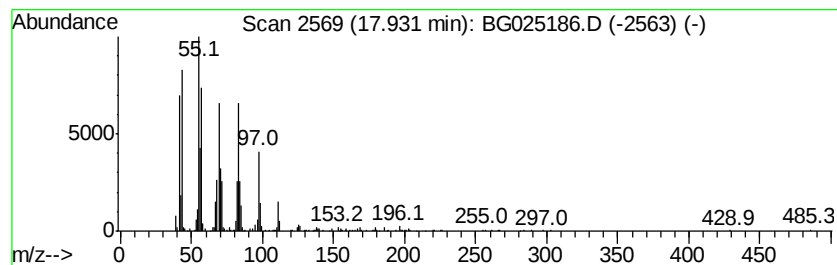
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic17.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	8.19 ng/ul	697054	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecene	168	C12H24	000112-41-4	95
2			1-Tridecene	182	C13H26	002437-56-1	94
3			Cyclotetradecane	196	C14H28	000295-17-0	93
4			Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
5			1-Tetradecanol	214	C14H30O	000112-72-1	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025186.D
Acq On : 14 Dec 2016 21:38
Operator : UM/SJ
Sample : H5938-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA826

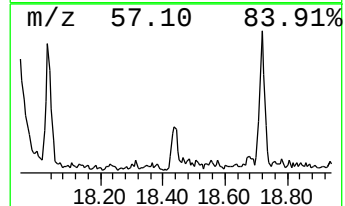
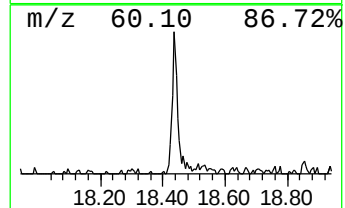
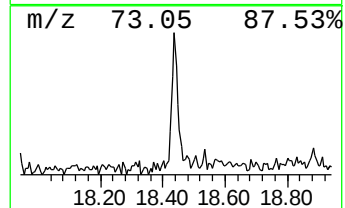
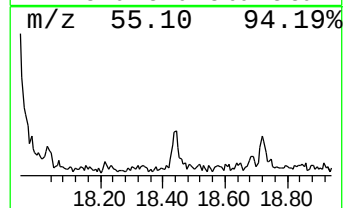
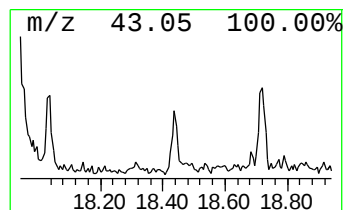
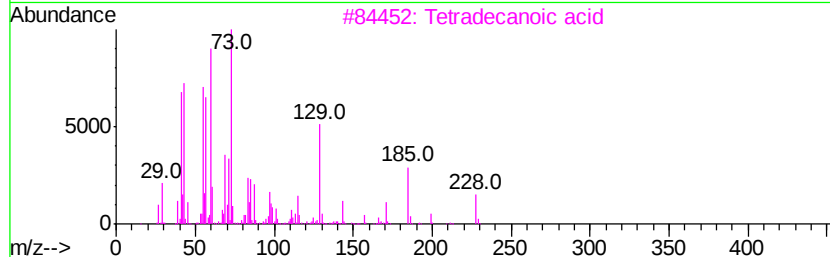
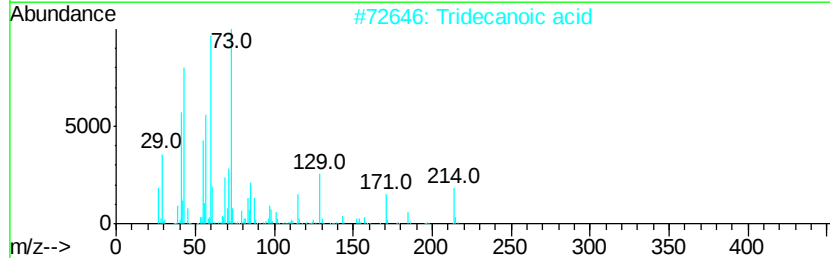
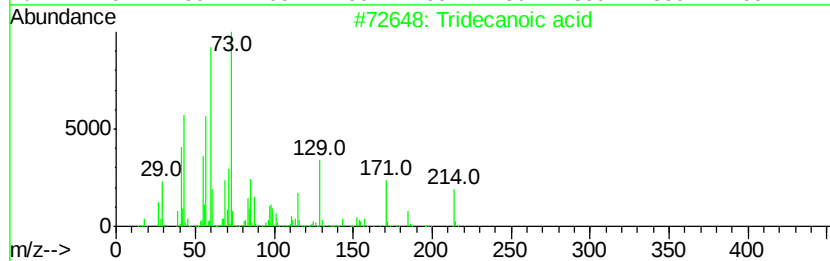
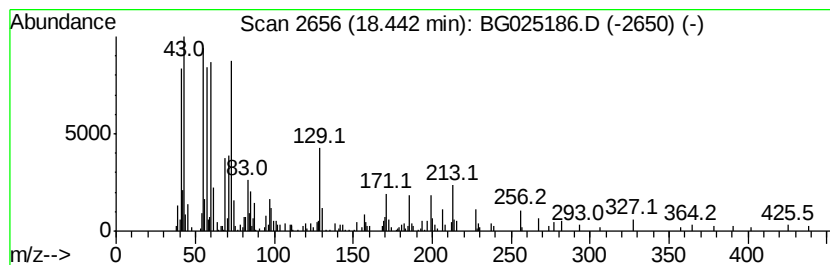
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.44 ng/ul	208025	Phenanthrene-d10	17.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid		214	C13H26O2	000638-53-9	89
2	Tridecanoic acid		214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	89
4	n-Decanoic acid		172	C10H20O2	000334-48-5	83
5	Tridecanoic acid		214	C13H26O2	000638-53-9	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025186.D
Acq On : 14 Dec 2016 21:38
Operator : UM/SJ
Sample : H5938-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA826

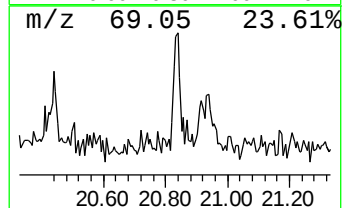
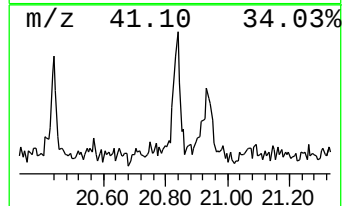
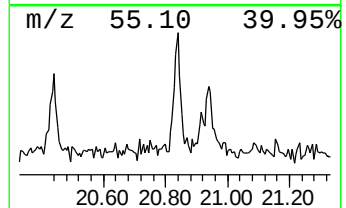
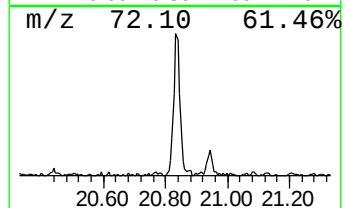
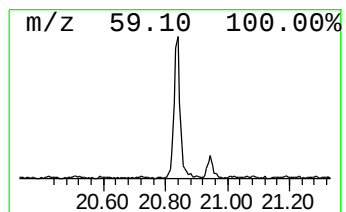
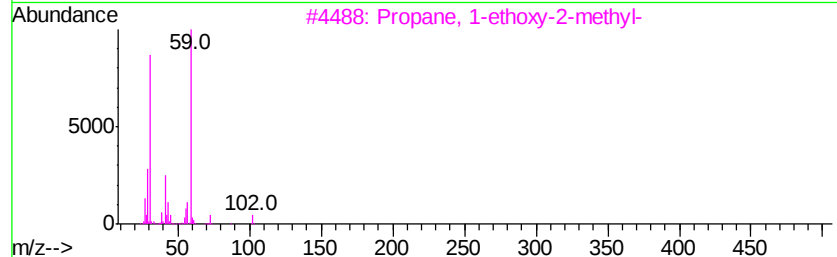
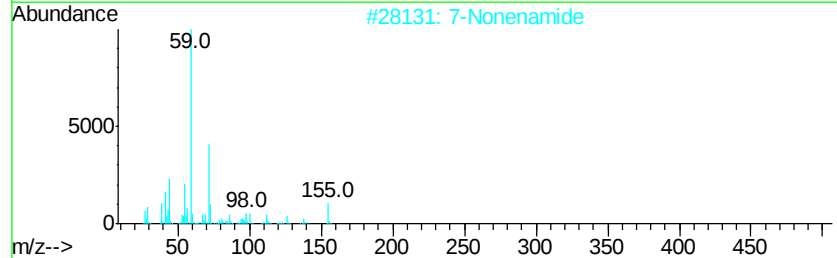
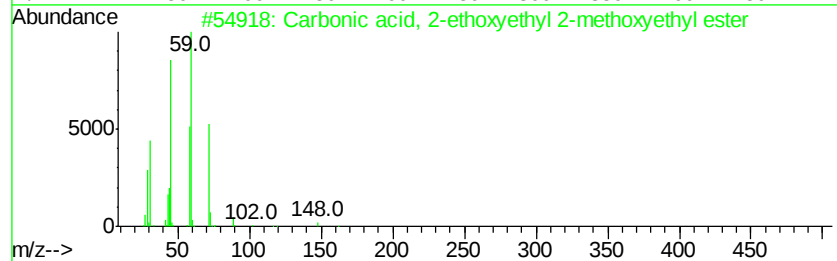
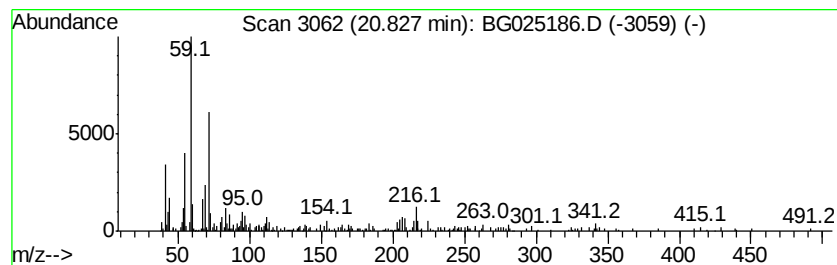
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Carbonic acid, 2-ethoxyethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.56 ng/ul	264559	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, 2-ethoxvethvl 2-m...	192	C8H16O5	1000331-46-1	59
2		7-Nonenamide	155	C9H17NO	090949-53-4	47
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	43
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025186.D
Acq On : 14 Dec 2016 21:38
Operator : UM/SJ
Sample : H5938-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA826

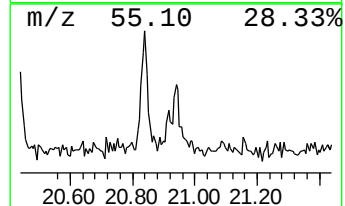
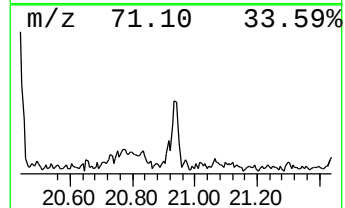
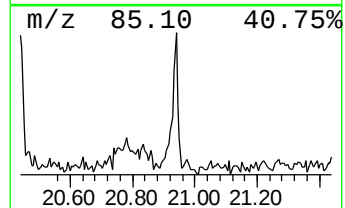
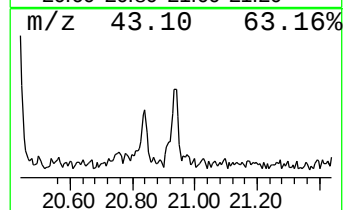
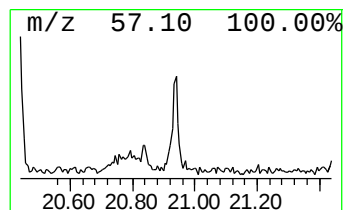
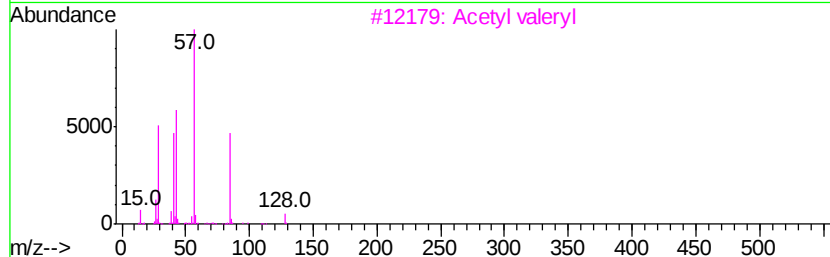
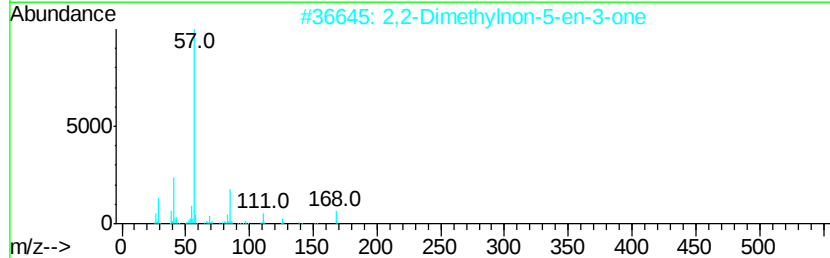
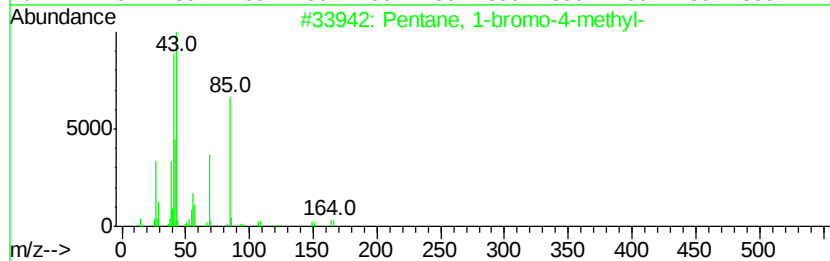
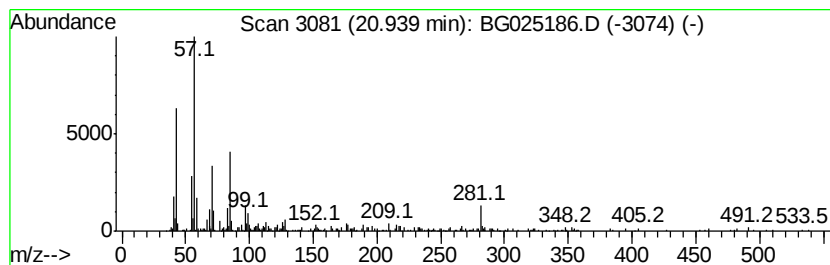
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.83 ng/ul	292344	Chrysene-d12	21.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 1-bromo-4-methyl-	164	C6H13Br	000626-88-0	43
2		2,2-Dimethylnon-5-en-3-one	168	C11H20O	1000191-19-4	43
3		Acetyl valeryl	128	C7H12O2	000096-04-8	43
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	43
5		Eicosane	282	C20H42	000112-95-8	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025186.D
Acq On : 14 Dec 2016 21:38
Operator : UM/SJ
Sample : H5938-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA826

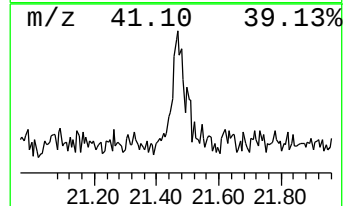
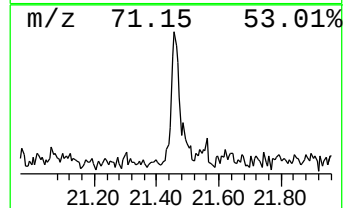
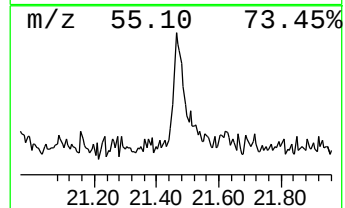
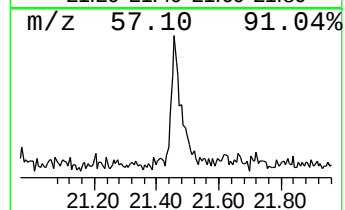
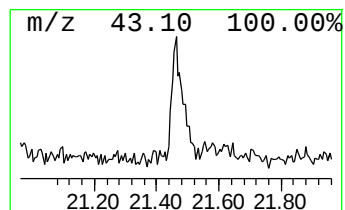
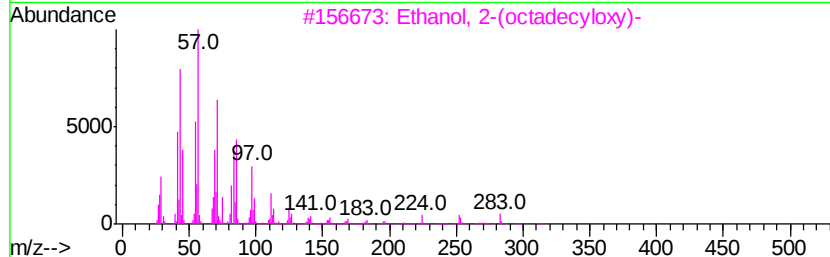
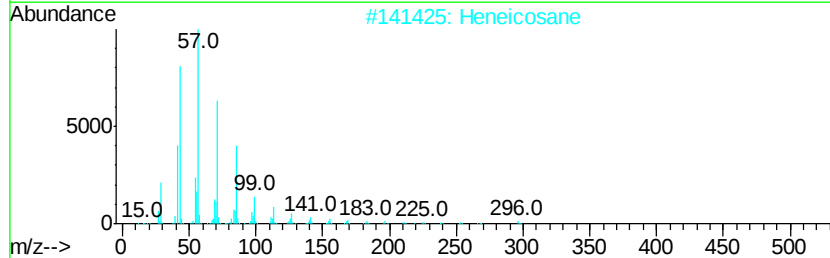
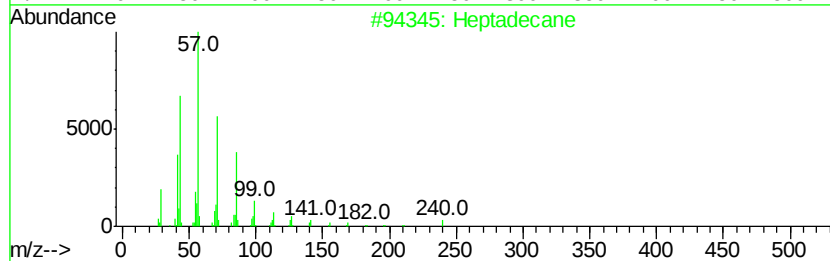
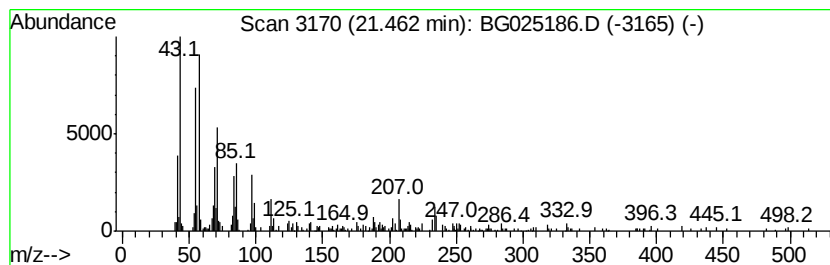
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.71 ng/ul	279564	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Ethanol, 2-(octadecyl)-	314	C20H42O2	002136-72-3	64
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	64
5		Heneicosane	296	C21H44	000629-94-7	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025186.D
Acq On : 14 Dec 2016 21:38
Operator : UM/SJ
Sample : H5938-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA826

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	16.50	2.9	ng/ul	250346	4	17.60	1703040	20.0
(DEL) Alkane: Cyc...	17.93	8.2	ng/ul	697054	4	17.60	1703040	20.0
Tridecanoic acid	18.44	2.4	ng/ul	208025	4	17.60	1703040	20.0
Carbonic acid, 2-...	20.83	2.6	ng/ul	264559	5	21.90	2065220	20.0
unknown-01	20.94	2.8	ng/ul	292344	5	21.90	2065220	20.0
(DEL) Alkane: Str...	21.46	2.7	ng/ul	279564	5	21.90	2065220	20.0