

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
 Data File : BG018300.D
 Acq On : 6 Aug 2015 12:25
 Operator : UM/TP
 Sample : G3109-08DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2DL

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-BG080515.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	3.287	99	102	105	rBV3	2108	2694	0.28%	0.039%
2	3.322	105	108	109	rBV2	2823	2783	0.29%	0.040%
3	3.416	121	124	130	rVB2	11279	15022	1.55%	0.216%
4	3.528	140	143	146	rBV2	2165	3352	0.35%	0.048%
5	3.657	162	165	167	rBV3	3253	3201	0.33%	0.046%
6	4.339	278	281	284	rBV3	3401	4544	0.47%	0.065%
7	4.397	289	291	293	rVB2	3120	2557	0.26%	0.037%
8	4.644	330	333	334	rVV	3111	3325	0.34%	0.048%
9	4.885	373	374	377	rVV	2687	2708	0.28%	0.039%
10	5.008	391	395	396	rBV2	2226	2643	0.27%	0.038%
11	6.460	639	642	644	rBV	2487	2742	0.28%	0.040%
12	6.648	669	674	676	rBV4	6572	10201	1.05%	0.147%
13	6.777	691	696	699	rBV3	4515	5734	0.59%	0.083%
14	6.977	725	730	733	rVB3	7309	9964	1.03%	0.144%
15	7.270	777	780	783	rVB	2458	2580	0.27%	0.037%
16	7.335	788	791	796	rVB	1849	3126	0.32%	0.045%
17	7.429	800	807	813	rBV	94355	142114	14.65%	2.048%
18	8.181	926	935	938	rBV4	4746	9468	0.98%	0.136%
19	8.587	999	1004	1010	rVB2	6097	11449	1.18%	0.165%
20	9.309	1122	1127	1131	rVB4	6937	10659	1.10%	0.154%
21	9.862	1219	1221	1227	rVB4	9134	11983	1.24%	0.173%
22	10.214	1274	1281	1288	rBV	128601	215036	22.17%	3.099%
23	10.896	1395	1397	1402	rBV	2180	3739	0.39%	0.054%
24	11.894	1564	1567	1572	rVB2	3736	6067	0.63%	0.087%
25	12.124	1601	1606	1609	rBV2	2235	3177	0.33%	0.046%
26	12.934	1743	1744	1750	rVV2	2873	3770	0.39%	0.054%
27	13.263	1796	1800	1801	rBV	3541	3895	0.40%	0.056%
28	13.434	1824	1829	1830	rBV2	5609	7003	0.72%	0.101%
29	13.493	1835	1839	1842	rVV	3826	5446	0.56%	0.078%
30	13.534	1842	1846	1850	rVV	21433	28637	2.95%	0.413%
31	13.581	1850	1854	1856	rVV	9784	11603	1.20%	0.167%
32	13.663	1867	1868	1871	rVB3	3102	3249	0.33%	0.047%
33	13.804	1887	1892	1896	rBV2	18122	27553	2.84%	0.397%
34	13.833	1896	1897	1903	rVV2	8637	13823	1.42%	0.199%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
 Data File : BG018300.D
 Acq On : 6 Aug 2015 12:25
 Operator : UM/TP
 Sample : G3109-08DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2DL

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-BG080515.M
 Title : SVOA CALIBRATION

35	13.875	1903	1904	1907	rVV	5286	3485	0.36%	0.050%
36	14.115	1938	1945	1952	rVV2	207732	317768	32.76%	4.579%
37	14.180	1952	1956	1962	rVV2	18398	26896	2.77%	0.388%
38	14.315	1977	1979	1981	rBV2	2158	2581	0.27%	0.037%
39	14.392	1990	1992	1997	rBV3	3434	4421	0.46%	0.064%
40	14.521	2009	2014	2022	rVV2	28895	39889	4.11%	0.575%
41	14.603	2026	2028	2031	rVV3	7735	6564	0.68%	0.095%
42	14.744	2044	2052	2058	rBV3	6084	12057	1.24%	0.174%
43	14.797	2058	2061	2066	rVB2	4299	6121	0.63%	0.088%
44	14.920	2080	2082	2084	rVV	3513	3209	0.33%	0.046%
45	14.956	2086	2088	2090	rVV	2626	2560	0.26%	0.037%
46	15.120	2112	2116	2121	rVV3	26545	40160	4.14%	0.579%
47	15.173	2121	2125	2131	rVB	47422	70574	7.28%	1.017%
48	15.291	2141	2145	2149	rBV5	3040	6763	0.70%	0.097%
49	15.332	2150	2152	2153	rVV	3513	2896	0.30%	0.042%
50	15.396	2160	2163	2166	rBV3	4860	6962	0.72%	0.100%
51	15.426	2166	2168	2171	rVB	4465	4164	0.43%	0.060%
52	15.479	2171	2177	2182	rBV2	15792	25279	2.61%	0.364%
53	15.625	2197	2202	2210	rVB2	16451	33505	3.45%	0.483%
54	15.714	2215	2217	2221	rVB	3956	5084	0.52%	0.073%
55	15.855	2238	2241	2243	rBV3	5474	5555	0.57%	0.080%
56	15.949	2252	2257	2258	rBV3	4518	5154	0.53%	0.074%
57	15.990	2262	2264	2270	rVB2	3762	5549	0.57%	0.080%
58	16.031	2270	2271	2275	rBV	3577	3677	0.38%	0.053%
59	16.166	2290	2294	2295	rBV3	7321	9907	1.02%	0.143%
60	16.184	2295	2297	2302	rVV4	13562	21486	2.21%	0.310%
61	16.236	2302	2306	2310	rVV4	6907	10561	1.09%	0.152%
62	16.283	2313	2314	2318	rVB3	4458	3407	0.35%	0.049%
63	16.336	2318	2323	2326	rVB4	7838	10609	1.09%	0.153%
64	16.419	2332	2337	2340	rBV5	8934	16118	1.66%	0.232%
65	16.460	2340	2344	2347	rBV3	10465	13214	1.36%	0.190%
66	16.536	2353	2357	2364	rBV2	26050	38618	3.98%	0.557%
67	16.618	2366	2371	2375	rBV4	11429	19919	2.05%	0.287%
68	16.695	2380	2384	2390	rVB	36580	51271	5.29%	0.739%
69	16.883	2409	2416	2419	rBV2	291758	442809	45.65%	6.381%
70	16.924	2419	2423	2428	rVV	590693	769579	79.33%	11.090%
71	16.977	2428	2432	2435	rVV	36724	58017	5.98%	0.836%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
 Data File : BG018300.D
 Acq On : 6 Aug 2015 12:25
 Operator : UM/TP
 Sample : G3109-08DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2DL

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-BG080515.M
 Title : SVOA CALIBRATION

72	17.012	2435	2438	2443	rVV	98852	129330	13.33%	1.864%
73	17.071	2443	2448	2455	rVV4	10992	23160	2.39%	0.334%
74	17.118	2455	2456	2458	rVB2	4278	2759	0.28%	0.040%
75	17.265	2477	2481	2482	rBV3	7859	11024	1.14%	0.159%
76	17.294	2482	2486	2490	rVV	34776	45554	4.70%	0.656%
77	17.394	2501	2503	2507	rVB3	8790	11609	1.20%	0.167%
78	17.459	2512	2514	2521	rVB8	15789	20517	2.12%	0.296%
79	17.723	2557	2559	2560	rBV2	5615	4446	0.46%	0.064%
80	17.758	2560	2565	2569	rVV2	65130	100600	10.37%	1.450%
81	17.805	2569	2573	2580	rVV	93406	135822	14.00%	1.957%
82	17.887	2583	2587	2592	rVV	29490	43259	4.46%	0.623%
83	17.952	2592	2598	2602	rVV2	98807	166180	17.13%	2.395%
84	17.987	2602	2604	2611	rVB2	49685	62234	6.42%	0.897%
85	18.263	2647	2651	2656	rBV	46373	67843	6.99%	0.978%
86	18.310	2656	2659	2664	rVB2	42867	56288	5.80%	0.811%
87	18.358	2664	2667	2669	rBV3	9499	10664	1.10%	0.154%
88	18.516	2690	2694	2699	rVB8	22003	35081	3.62%	0.506%
89	18.687	2719	2723	2729	rBV4	31874	65575	6.76%	0.945%
90	18.833	2744	2748	2756	rVB2	37891	65179	6.72%	0.939%
91	18.957	2764	2769	2775	rVB	717442	970045	100.00%	13.979%
92	19.292	2822	2826	2828	rBV2	138727	193926	19.99%	2.795%
93	19.321	2828	2831	2839	rVV	554502	733377	75.60%	10.568%
94	19.397	2841	2844	2849	rVB3	28872	45160	4.66%	0.651%
95	19.509	2859	2863	2867	rBV	33677	44550	4.59%	0.642%
96	19.926	2930	2934	2937	rBV	49539	64259	6.62%	0.926%
97	20.578	3042	3045	3049	rVB	56577	72868	7.51%	1.050%
98	21.090	3127	3132	3136	rBV2	326307	609228	62.80%	8.779%
99	21.131	3136	3139	3143	rVB	212337	230807	23.79%	3.326%
100	22.617	3389	3392	3397	rBV	119773	215859	22.25%	3.111%

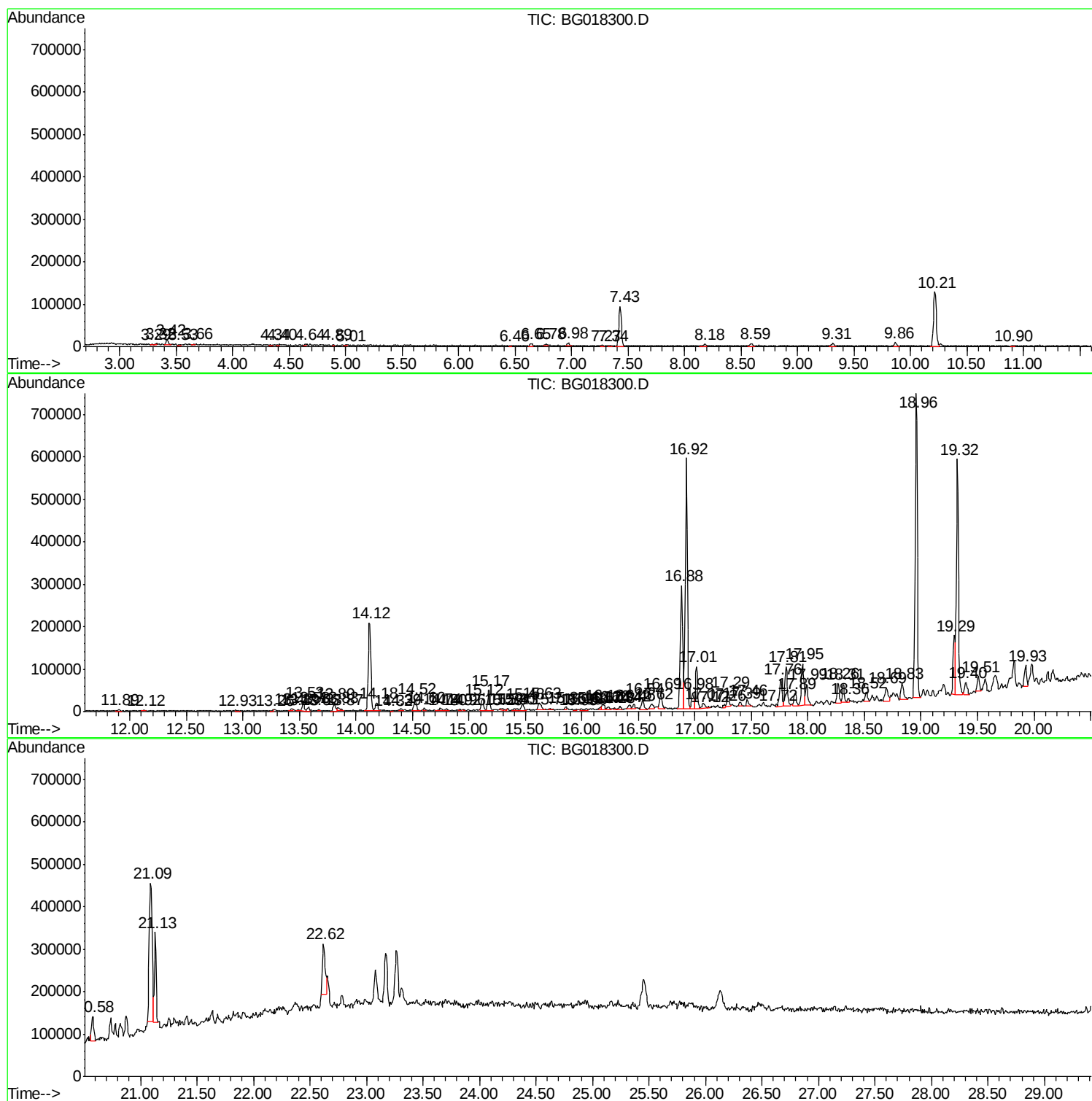
Sum of corrected areas: 6939438

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

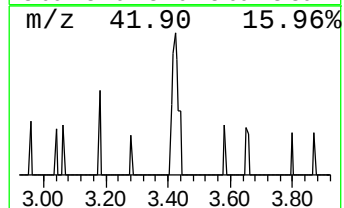
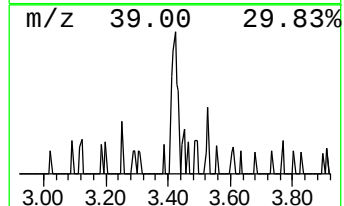
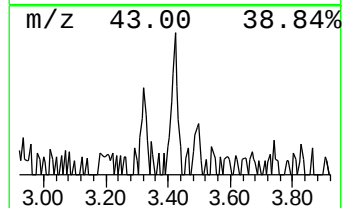
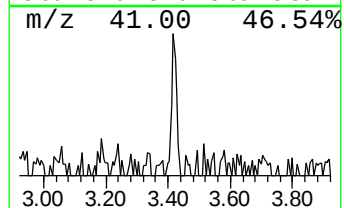
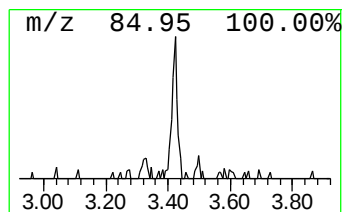
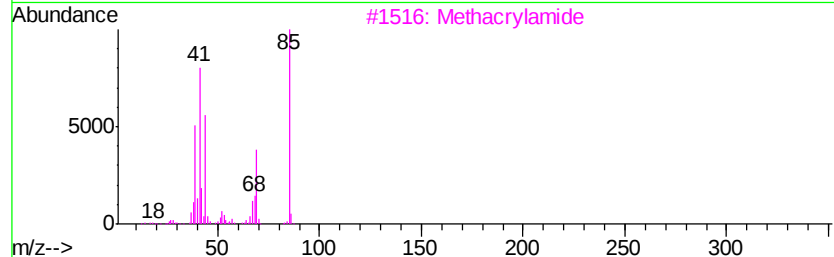
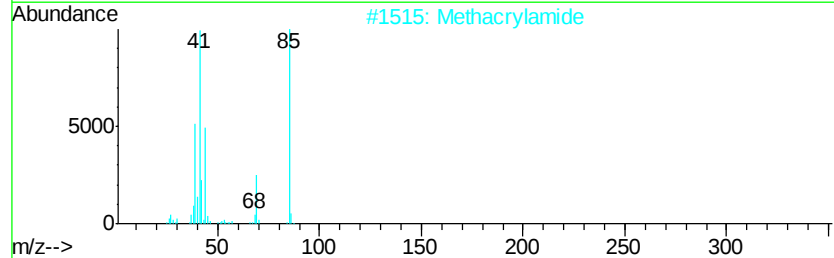
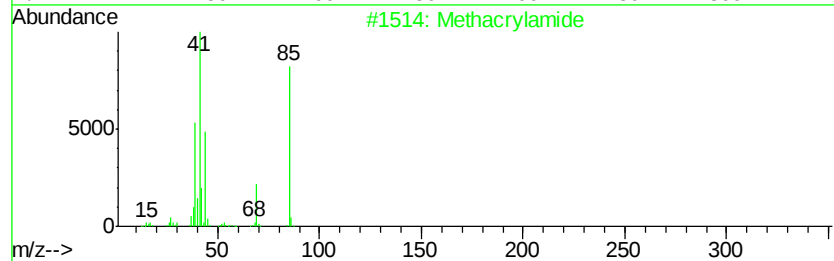
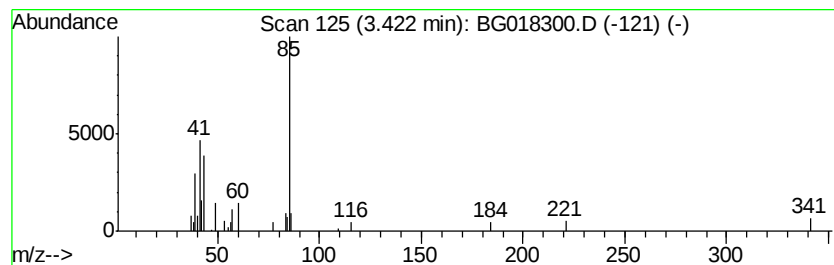
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	2.11 ng/ul	15022	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	35
2		Methacrylamide	85	C4H7NO	000079-39-0	35
3		Methacrylamide	85	C4H7NO	000079-39-0	35
4		2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	35
5		9-Methyl-10-(tetrahydropyran-2-y...	276	C17H24O3	1000193-81-2	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

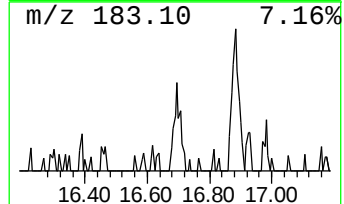
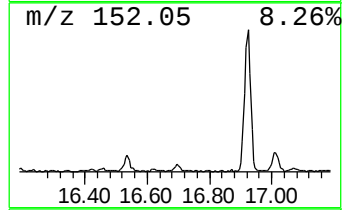
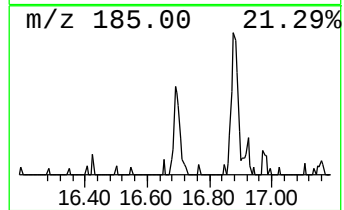
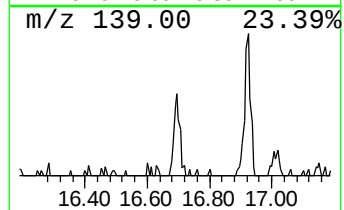
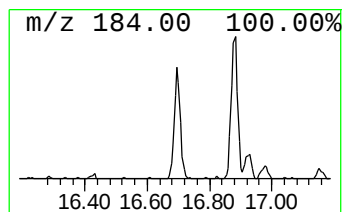
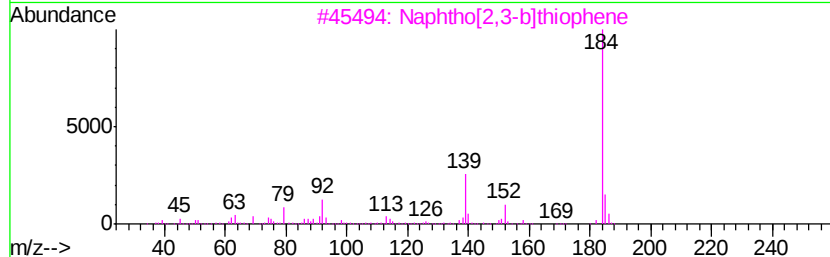
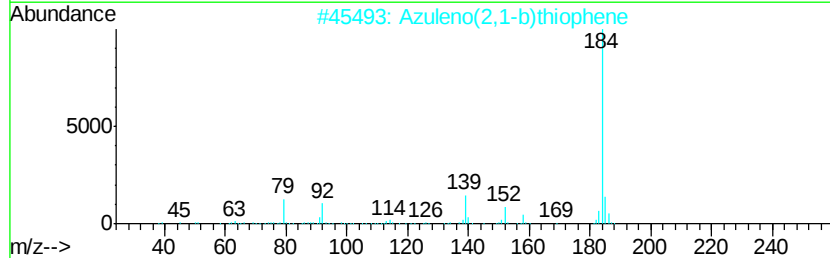
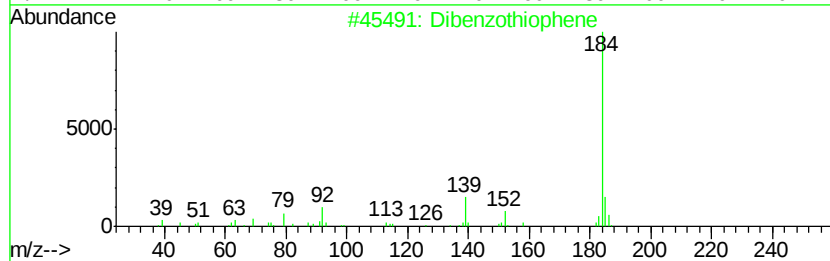
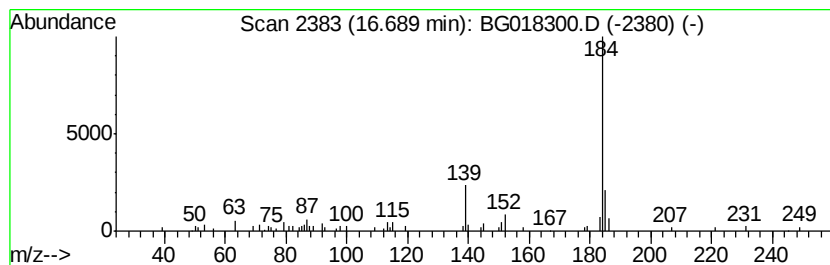
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.32 ng/ul	51271	Phenanthrene-d10	16.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	93
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4		Dibenzothiophene	184	C12H8S	000132-65-0	90
5		Dibenzothiophene	184	C12H8S	000132-65-0	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

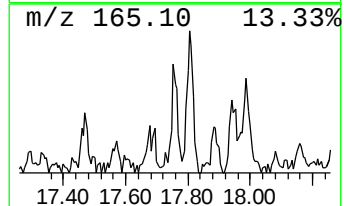
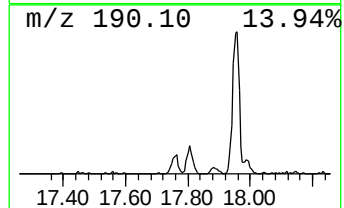
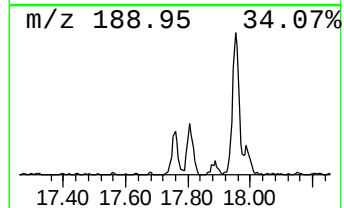
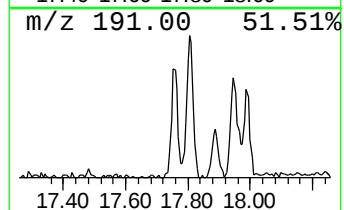
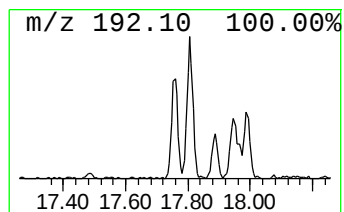
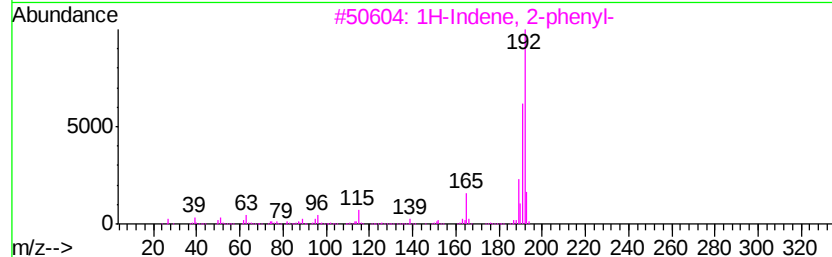
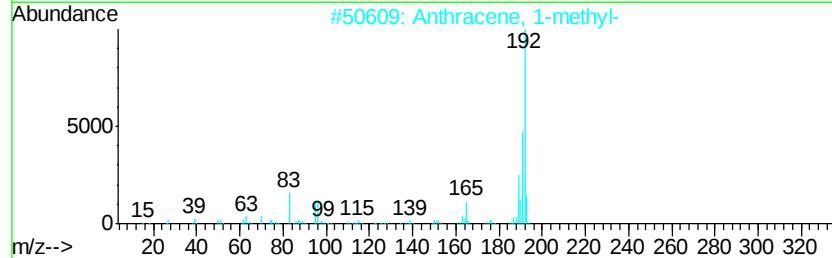
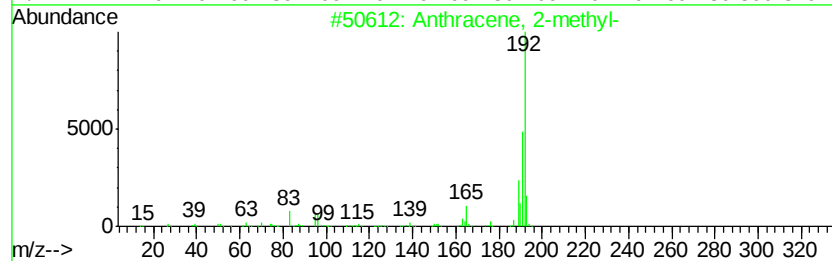
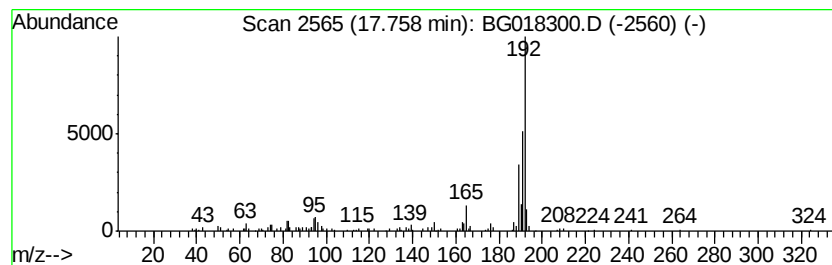
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	4.54 ng/ul	100600	Phenanthrene-d10	16.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	83
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

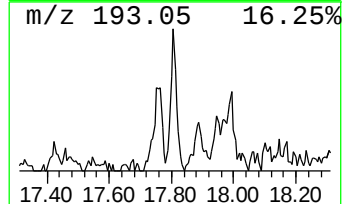
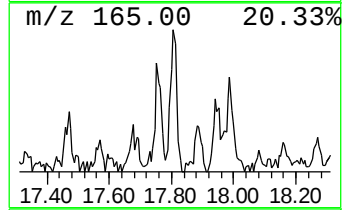
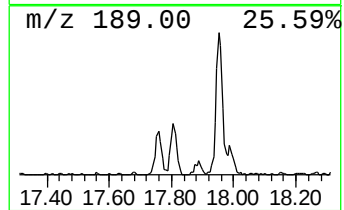
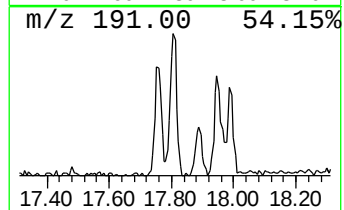
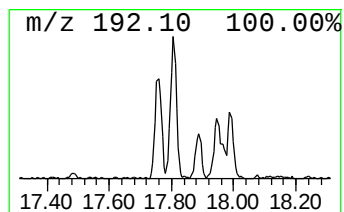
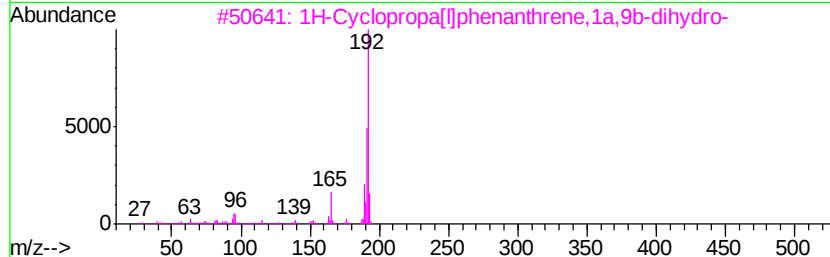
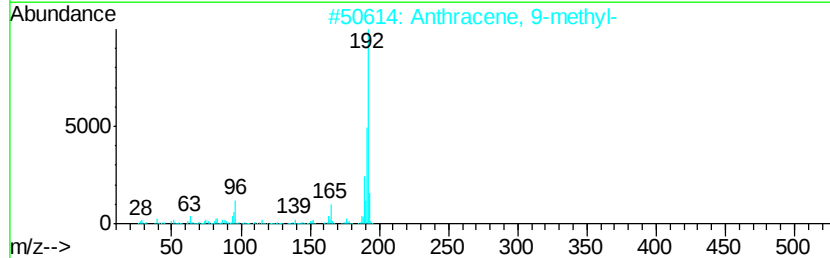
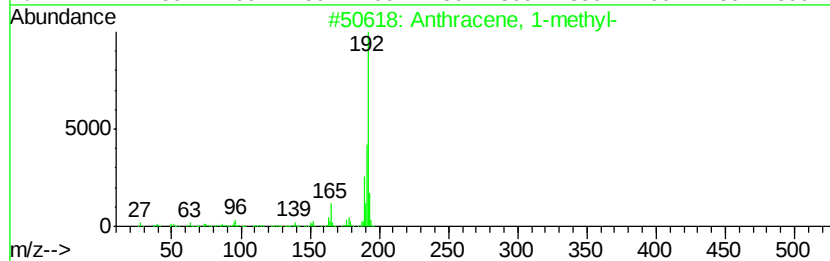
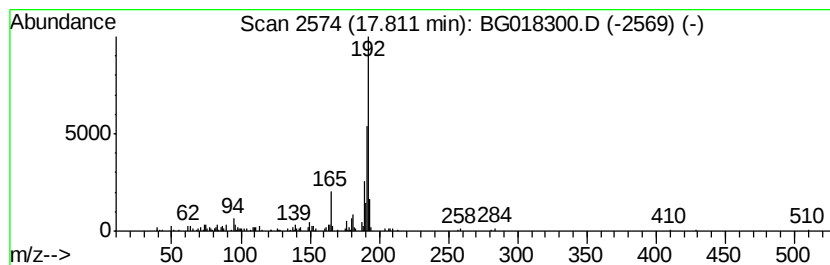
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	6.13 ng/ul	135822	Phenanthrene-d10	16.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

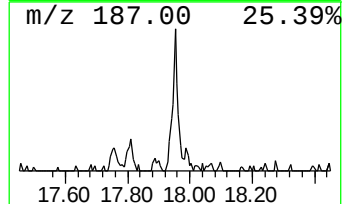
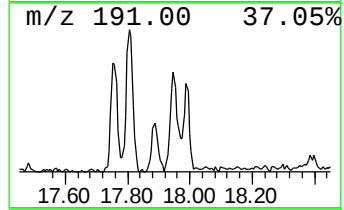
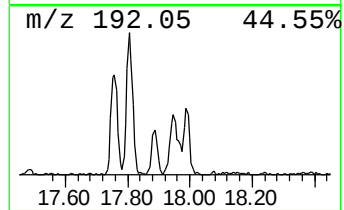
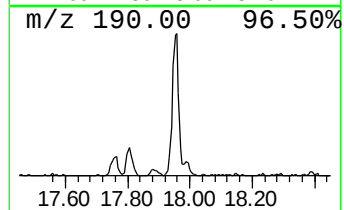
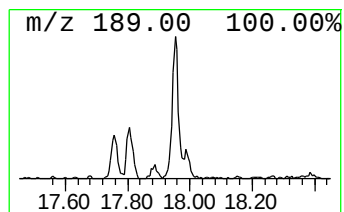
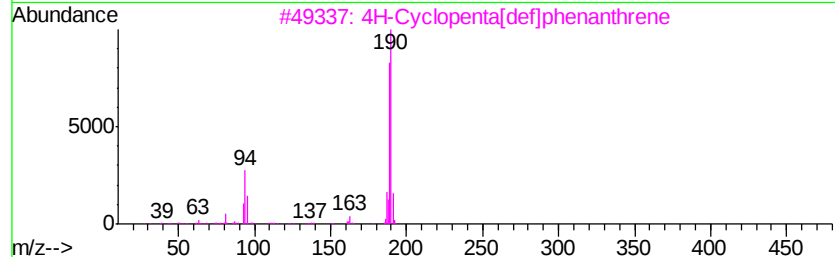
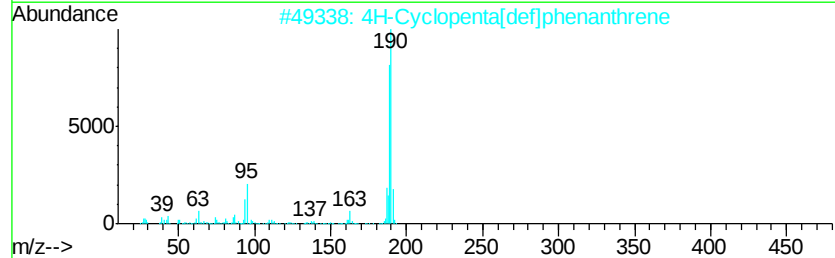
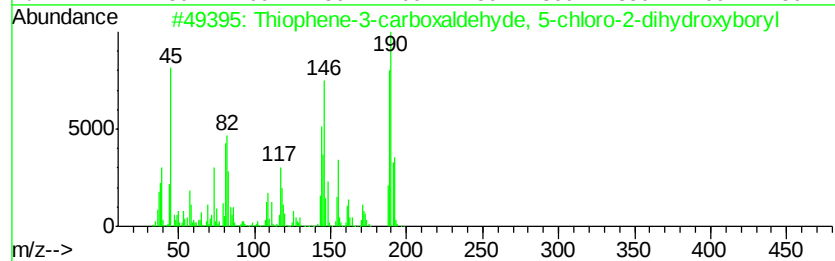
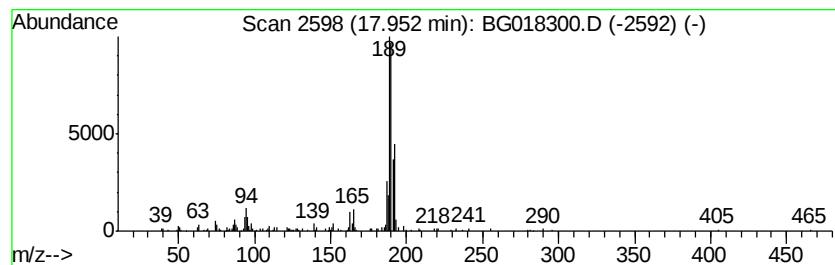
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Thiophene-3-carboxaldehyde,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	7.51 ng/ul	166180	Phenanthrene-d10	16.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4		6H-Cyclobuta[fik]phenanthrene	190	C15H10	083469-43-6	59
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	36



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

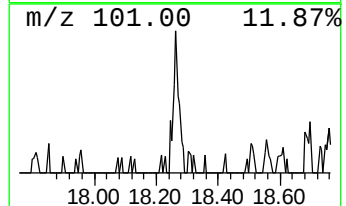
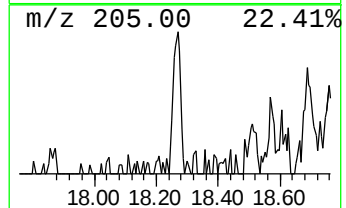
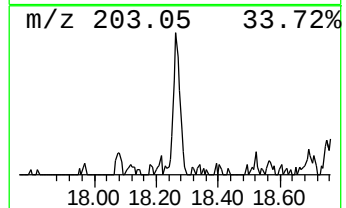
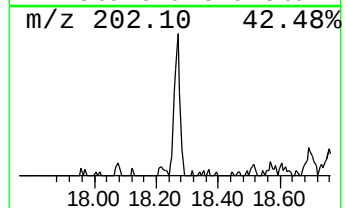
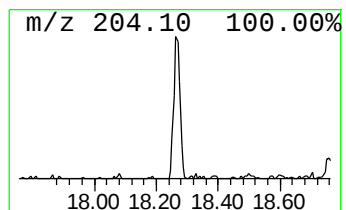
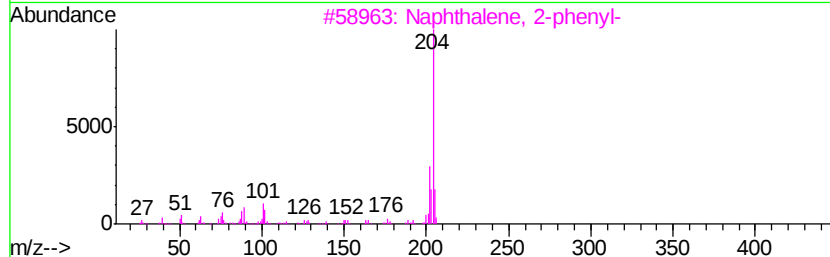
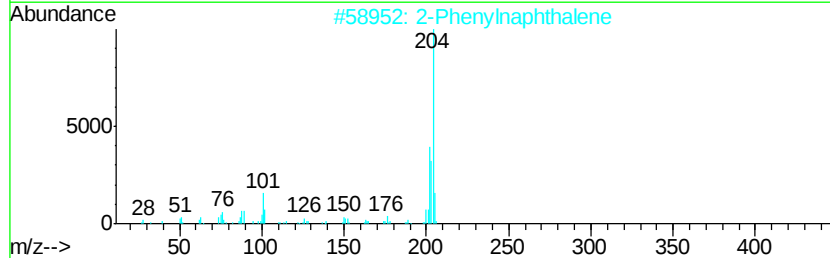
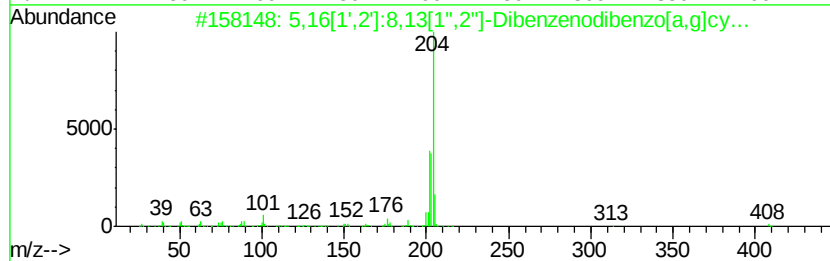
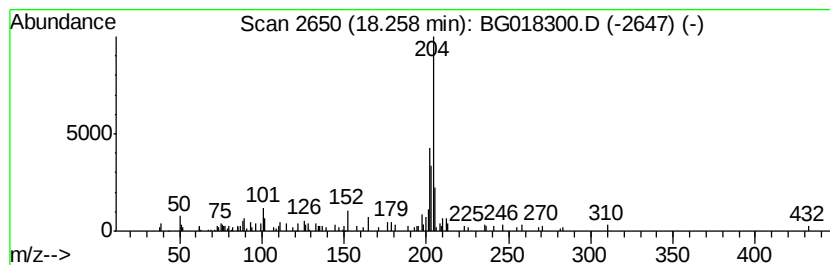
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.06 ng/ul	67843	Phenanthrene-d10	16.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	76
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

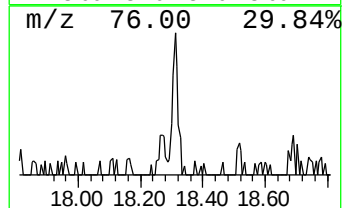
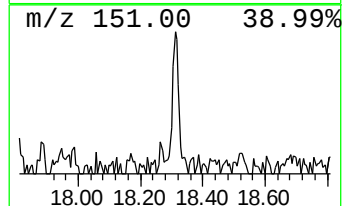
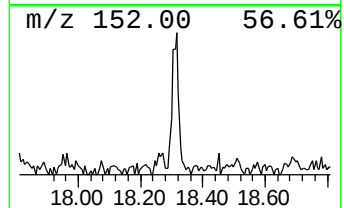
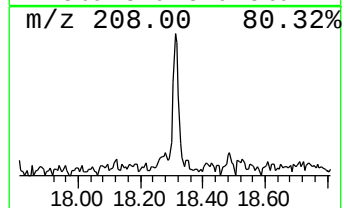
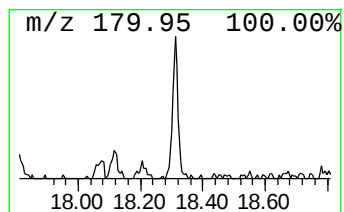
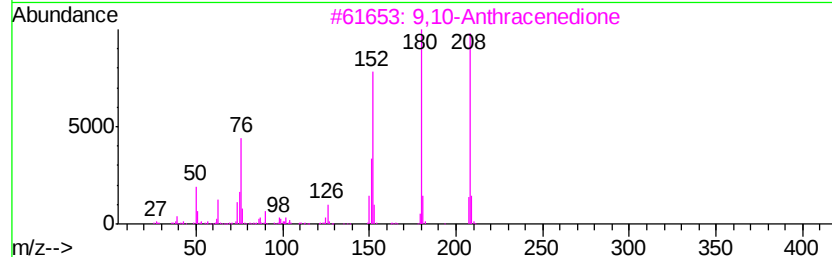
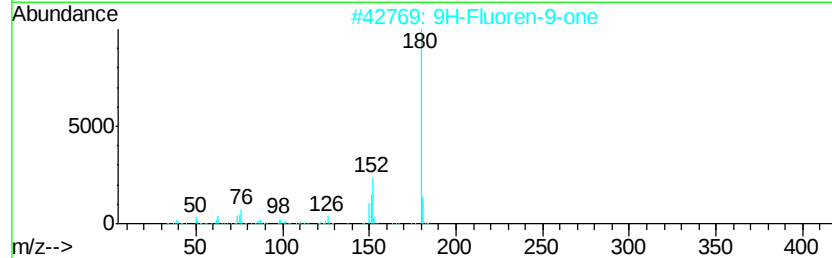
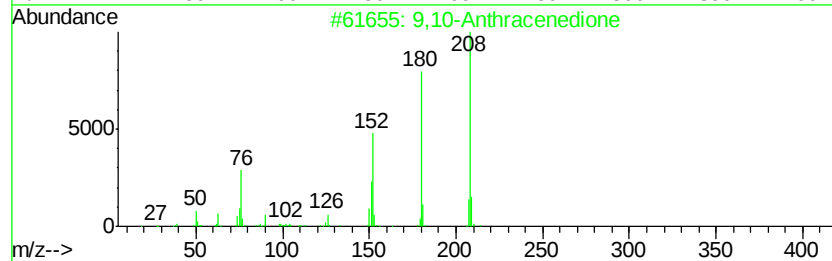
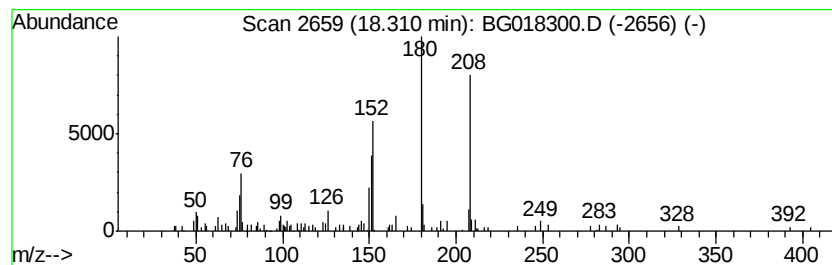
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.54 ng/ul	56288	Phenanthrene-d10	16.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4		9,10-Anthracenedione	208	C14H8O2	000084-65-1	68
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

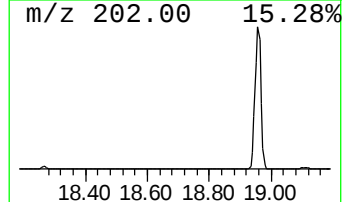
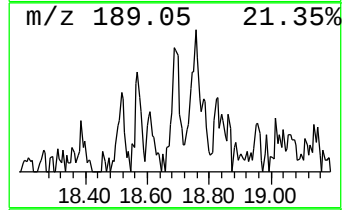
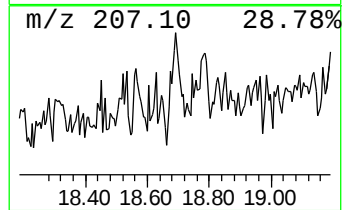
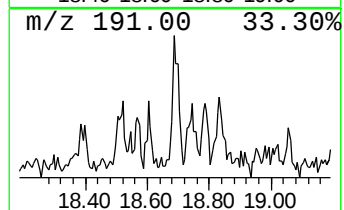
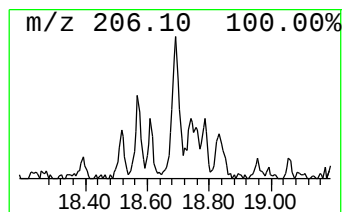
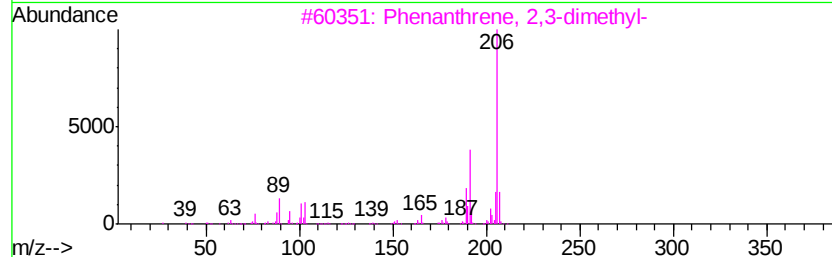
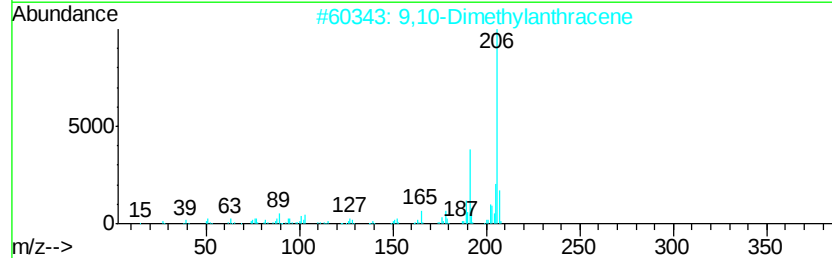
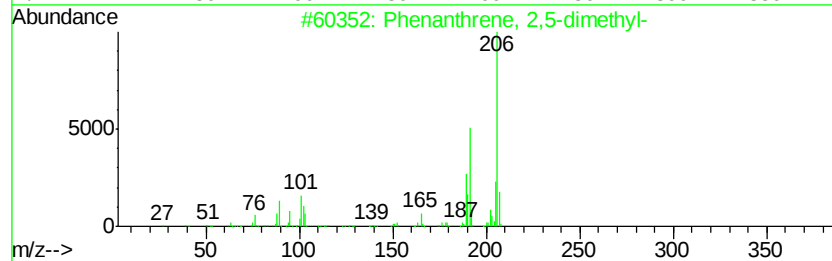
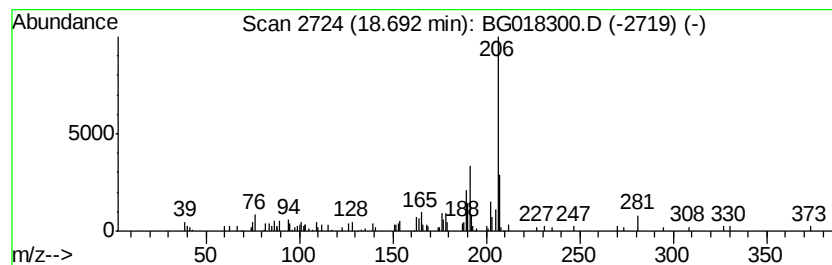
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.96 ng/ul	65575	Phenanthrene-d10	16.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	76
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	72
5		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

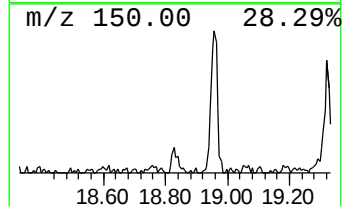
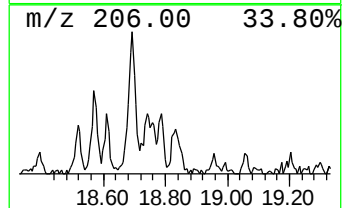
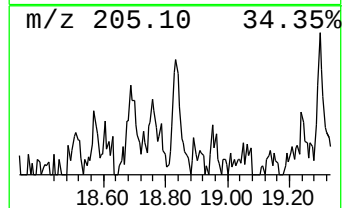
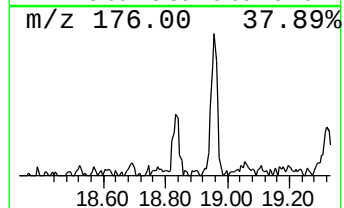
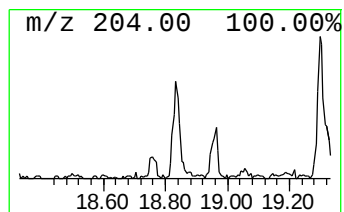
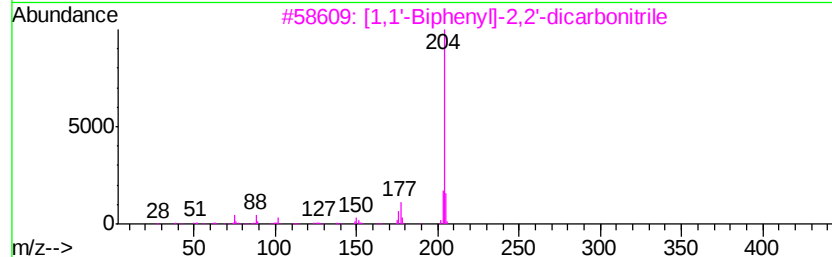
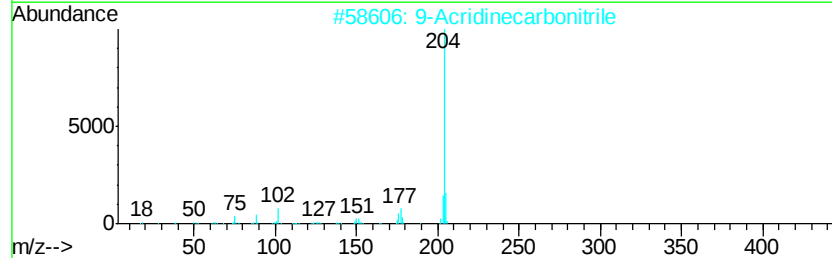
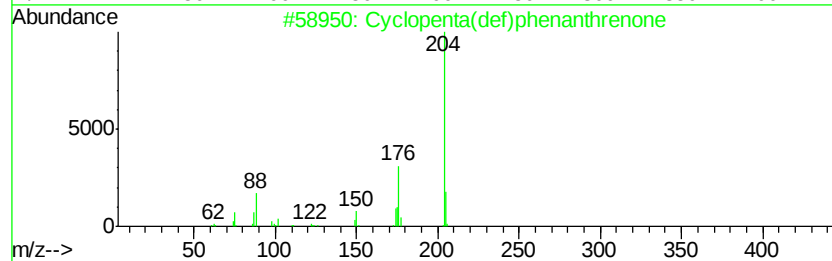
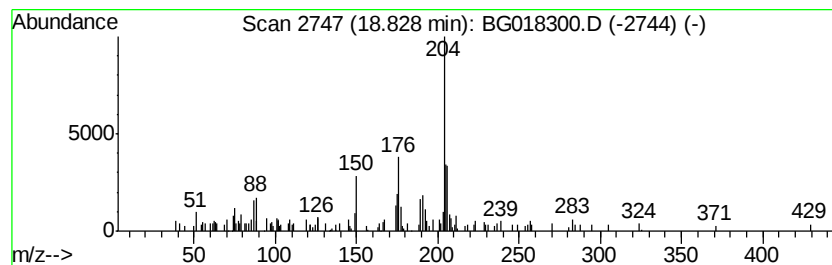
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.94 ng/ul	65179	Phenanthrene-d10	16.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4		9-Butyl-9-cyano-9,10-dihydroanth...	261	C19H19N	139642-81-2	47
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

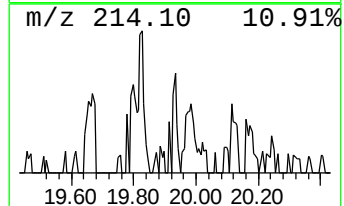
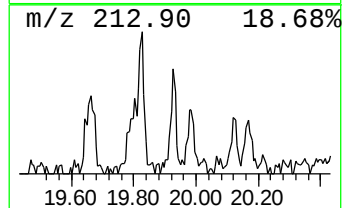
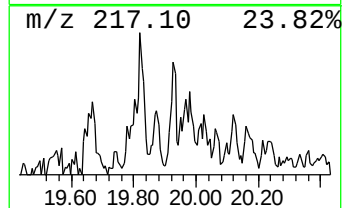
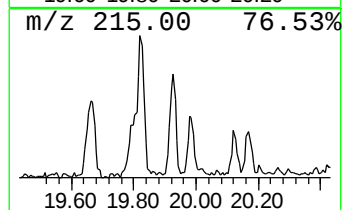
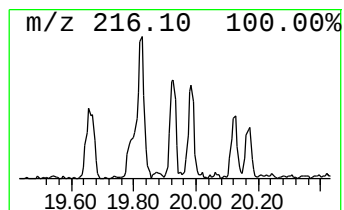
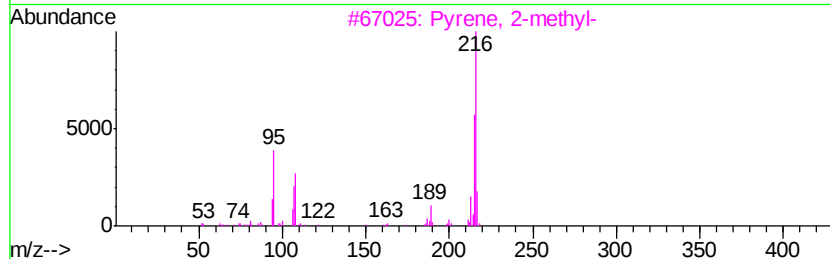
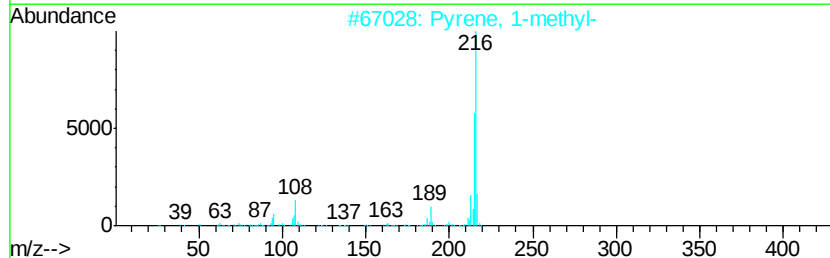
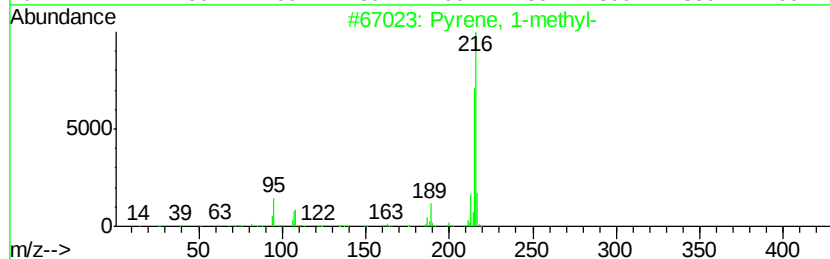
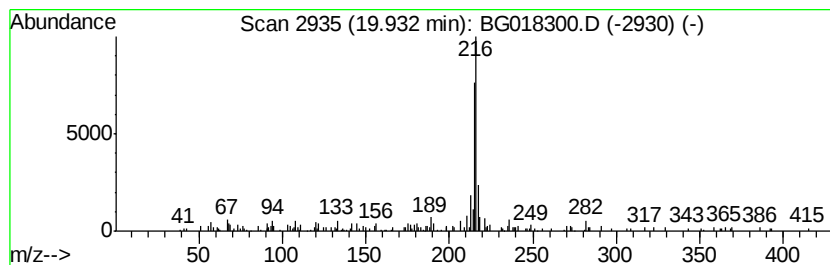
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.11 ng/ul	64259	Chrysene-d12	21.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4			11H-Benzo[blfluorene	216	C17H12	000243-17-4	90
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

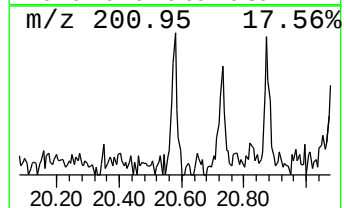
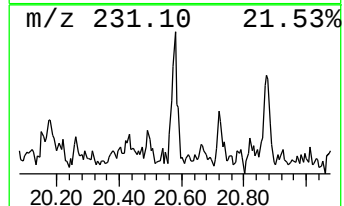
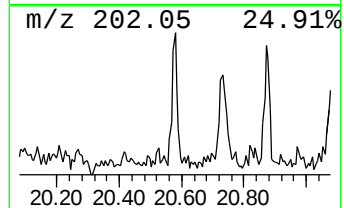
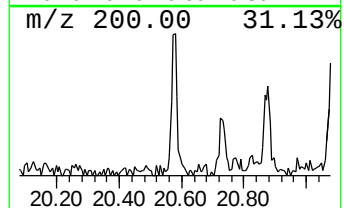
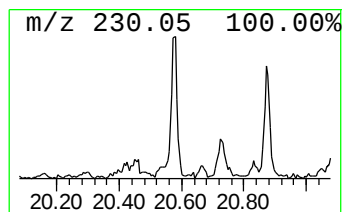
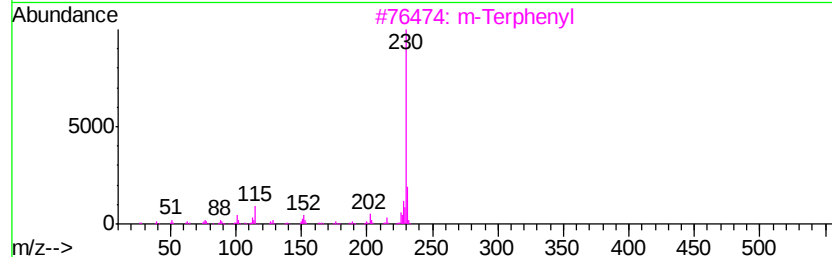
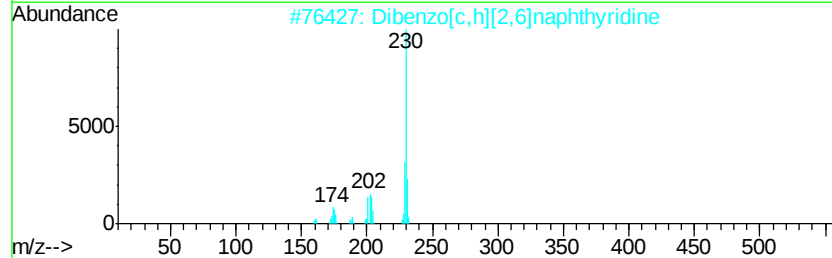
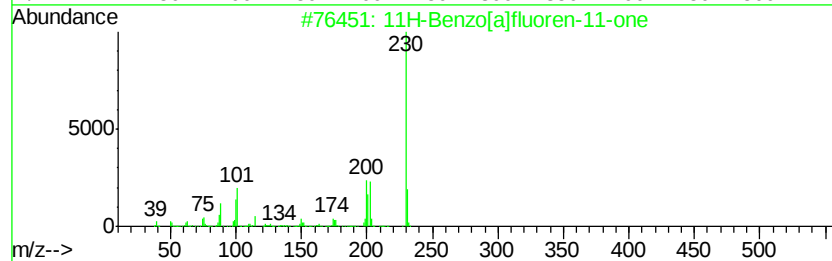
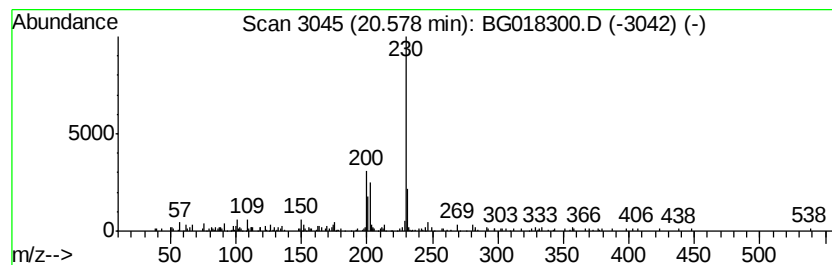
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	2.39 ng/ul	72868	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	68
2		Dibenzo[c,h][2,6]naphthvyridine	230	C16H10N2	000218-30-4	53
3		m-Terphenyl	230	C18H14	000092-06-8	53
4		o-Terphenyl	230	C18H14	000084-15-1	52
5		m-Terphenyl	230	C18H14	000092-06-8	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
 Data File : BG018300.D
 Acq On : 6 Aug 2015 12:25
 Operator : UM/TP
 Sample : G3109-08DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.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
unknown-01	3.42	2.1	ng/ul	15022	1	7.43	142114	20.0
Dibenzothiophene	16.69	2.3	ng/ul	51271	4	16.88	442809	20.0
Anthracene, 2-met...	17.76	4.5	ng/ul	100600	4	16.88	442809	20.0
Anthracene, 1-met...	17.81	6.1	ng/ul	135822	4	16.88	442809	20.0
Thiophene-3-carbo...	17.95	7.5	ng/ul	166180	4	16.88	442809	20.0
5,16[1',2']:8,13[...	18.26	3.1	ng/ul	67843	4	16.88	442809	20.0
9,10-Anthracenedione	18.31	2.5	ng/ul	56288	4	16.88	442809	20.0
Phenanthrene, 2,5...	18.69	3.0	ng/ul	65575	4	16.88	442809	20.0
Cyclopenta(def)ph...	18.83	2.9	ng/ul	65179	4	16.88	442809	20.0
Pyrene, 1-methyl-	19.93	2.1	ng/ul	64259	5	21.10	609228	20.0
11H-Benzo[a]fluor...	20.58	2.4	ng/ul	72868	5	21.10	609228	20.0