

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002189.D
 Acq On : 03 Aug 2015 03:20
 Operator : TP
 Sample : G3095-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

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_M\METHODS\SOM02.2-EPA-BM072715.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	7.557	820	828	835	rBV	421682	658822	3.41%	0.322%
2	8.281	945	951	958	rBV	184341	293995	1.52%	0.144%
3	9.980	1234	1240	1248	rBV	198770	326364	1.69%	0.160%
4	10.345	1293	1302	1307	rBV	577093	968670	5.02%	0.474%
5	13.645	1858	1863	1867	rVV	329576	473841	2.45%	0.232%
6	13.921	1904	1910	1912	rBV	393576	597451	3.09%	0.292%
7	13.951	1912	1915	1928	rVB	484558	690145	3.57%	0.337%
8	14.233	1951	1963	1968	rBV2	847731	1332977	6.90%	0.652%
9	14.292	1968	1973	1981	rVB	421449	623718	3.23%	0.305%
10	14.627	2020	2030	2039	rVV	220813	359203	1.86%	0.176%
11	15.227	2126	2132	2137	rVV	506886	761791	3.95%	0.372%
12	15.280	2137	2141	2152	rVV	451922	709066	3.67%	0.347%
13	15.574	2187	2191	2202	rVB	127746	262891	1.36%	0.129%
14	15.727	2213	2217	2224	rVB2	129339	247026	1.28%	0.121%
15	16.286	2301	2312	2317	rVV3	175023	460605	2.39%	0.225%
16	16.339	2317	2321	2326	rVV2	149197	256106	1.33%	0.125%
17	16.556	2354	2358	2366	rVV3	147520	295614	1.53%	0.145%
18	16.645	2368	2373	2379	rVV	272423	419443	2.17%	0.205%
19	16.733	2380	2388	2395	rVV4	146143	391564	2.03%	0.191%
20	16.804	2395	2400	2409	rVB	389512	607919	3.15%	0.297%
21	16.986	2425	2431	2434	rVV	932127	1454460	7.53%	0.711%
22	17.039	2434	2440	2444	rVV	6047280	9019576	46.71%	4.409%
23	17.086	2444	2448	2451	rVV	593686	924946	4.79%	0.452%
24	17.121	2451	2454	2459	rVV	1600174	2006917	10.39%	0.981%
25	17.180	2459	2464	2468	rVB3	134655	242829	1.26%	0.119%
26	17.398	2492	2501	2512	rVV2	435308	872809	4.52%	0.427%
27	17.503	2515	2519	2523	rVV	225098	289270	1.50%	0.141%
28	17.562	2525	2529	2538	rVB3	340471	589162	3.05%	0.288%
29	17.703	2549	2553	2561	rVB	194101	377118	1.95%	0.184%
30	17.862	2570	2580	2584	rBV	1184521	1838603	9.52%	0.899%
31	17.909	2584	2588	2593	rVB	1462217	2096425	10.86%	1.025%
32	17.992	2593	2602	2607	rBV	532446	823821	4.27%	0.403%
33	18.056	2607	2613	2617	rBV2	3520285	5478973	28.38%	2.678%
34	18.098	2617	2620	2627	rVB2	895730	1523596	7.89%	0.745%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002189.D
 Acq On : 03 Aug 2015 03:20
 Operator : TP
 Sample : G3095-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

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_M\METHODS\SOM02.2-EPA-BM072715.M
 Title : SVOA CALIBRATION

35	18.168	2627	2632	2636	rBV5	138500	249032	1.29%	0.122%
36	18.345	2653	2662	2663	rBV3	750992	1124551	5.82%	0.550%
37	18.368	2663	2666	2670	rVB	801285	1030175	5.34%	0.504%
38	18.421	2671	2675	2682	rVB	534114	771413	4.00%	0.377%
39	18.521	2689	2692	2699	rVB3	212483	309102	1.60%	0.151%
40	18.615	2704	2708	2713	rVB	336085	461515	2.39%	0.226%
41	18.668	2713	2717	2720	rVB	264335	307005	1.59%	0.150%
42	18.703	2720	2723	2728	rVB2	263262	353942	1.83%	0.173%
43	18.792	2729	2738	2742	rBV	886665	1561758	8.09%	0.763%
44	18.845	2742	2747	2752	rBV5	446015	869478	4.50%	0.425%
45	18.915	2752	2759	2770	rVB6	2089815	4797074	24.84%	2.345%
46	18.997	2770	2773	2778	rVB2	430008	516351	2.67%	0.252%
47	19.074	2778	2786	2790	rBV	9351513	14997605	77.67%	7.331%
48	19.127	2790	2795	2798	rBV	638360	935486	4.84%	0.457%
49	19.203	2803	2808	2814	rVB2	3046388	4563944	23.64%	2.231%
50	19.268	2814	2819	2822	rBV2	1227353	1560966	8.08%	0.763%
51	19.303	2822	2825	2829	rVB	407844	532666	2.76%	0.260%
52	19.345	2829	2832	2836	rVB2	225379	306011	1.58%	0.150%
53	19.445	2836	2849	2855	rBV	9337009	19308693	100.00%	9.439%
54	19.497	2855	2858	2862	rBV3	444261	612885	3.17%	0.300%
55	19.539	2862	2865	2870	rVB	1264700	1517392	7.86%	0.742%
56	19.592	2870	2874	2880	rBV2	611031	1362375	7.06%	0.666%
57	19.650	2880	2884	2893	rVB2	3103253	4289773	22.22%	2.097%
58	19.768	2896	2904	2910	rBV2	903434	2535841	13.13%	1.240%
59	19.915	2919	2929	2934	rBV2	1946323	4581153	23.73%	2.239%
60	19.968	2934	2938	2942	rVB	2518407	2746737	14.23%	1.343%
61	20.027	2944	2948	2952	rBV	1251627	1538080	7.97%	0.752%
62	20.086	2952	2958	2961	rVV2	998503	1647368	8.53%	0.805%
63	20.115	2961	2963	2968	rVB	577267	752907	3.90%	0.368%
64	20.192	2968	2976	2979	rBV3	1358784	1861962	9.64%	0.910%
65	20.239	2979	2984	2987	rVV2	783227	1707480	8.84%	0.835%
66	20.274	2987	2990	2993	rVB2	1752557	1983512	10.27%	0.970%
67	20.344	2998	3002	3006	rBV5	299523	407274	2.11%	0.199%
68	20.439	3015	3018	3021	rVB3	228173	265300	1.37%	0.130%
69	20.509	3021	3030	3035	rBV2	1931011	3528071	18.27%	1.725%
70	20.680	3056	3059	3064	rVB	838136	1031154	5.34%	0.504%
71	20.815	3078	3082	3084	rBV	759274	1007747	5.22%	0.493%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

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_M\METHODS\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

72	20.839	3084	3086	3090	rVV2	1245839	1696953	8.79%	0.830%
73	20.880	3090	3093	3096	rVV	1055588	1403940	7.27%	0.686%
74	20.921	3096	3100	3104	rVV2	990043	1644191	8.52%	0.804%
75	20.980	3107	3110	3115	rVB	861763	1113527	5.77%	0.544%
76	21.109	3121	3132	3136	rBV	9146744	10893150	56.42%	5.325%
77	21.191	3139	3146	3151	rVV3	5524426	11140042	57.69%	5.446%
78	21.244	3151	3155	3163	rVB	5670163	7450266	38.59%	3.642%
79	21.315	3164	3167	3169	rBV2	357940	406863	2.11%	0.199%
80	21.350	3169	3173	3179	rVV2	935423	1472080	7.62%	0.720%
81	21.409	3180	3183	3185	rVV3	409449	574212	2.97%	0.281%
82	21.439	3185	3188	3195	rVB2	1427464	2082080	10.78%	1.018%
83	21.515	3196	3201	3205	rBV3	581704	972678	5.04%	0.475%
84	21.556	3205	3208	3211	rBV4	202229	264920	1.37%	0.130%
85	21.738	3233	3239	3243	rBV	981310	1535478	7.95%	0.751%
86	21.791	3245	3248	3252	rVB	538495	648001	3.36%	0.317%
87	21.850	3256	3258	3262	rVB2	264886	281658	1.46%	0.138%
88	21.891	3262	3265	3268	rVB3	315339	384449	1.99%	0.188%
89	21.933	3268	3272	3275	rBV2	644489	920996	4.77%	0.450%
90	22.027	3284	3288	3297	rVB2	500897	863623	4.47%	0.422%
91	22.221	3317	3321	3326	rBV4	218331	466339	2.42%	0.228%
92	22.491	3363	3367	3373	rBV3	326959	590779	3.06%	0.289%
93	22.756	3404	3412	3416	rBV	3559861	8490169	43.97%	4.150%
94	22.909	3433	3438	3443	rVB	745600	1140565	5.91%	0.558%
95	23.221	3484	3491	3496	rBV	2067338	4046403	20.96%	1.978%
96	23.321	3501	3508	3514	rVB	3347383	6190117	32.06%	3.026%
97	23.403	3517	3522	3526	rVV	622496	1184655	6.14%	0.579%
98	23.450	3526	3530	3537	rVB2	1065599	1934966	10.02%	0.946%
99	25.638	3891	3902	3909	rVB2	1541983	4712403	24.41%	2.304%
100	26.326	4008	4019	4031	rVB	1196971	3850763	19.94%	1.882%

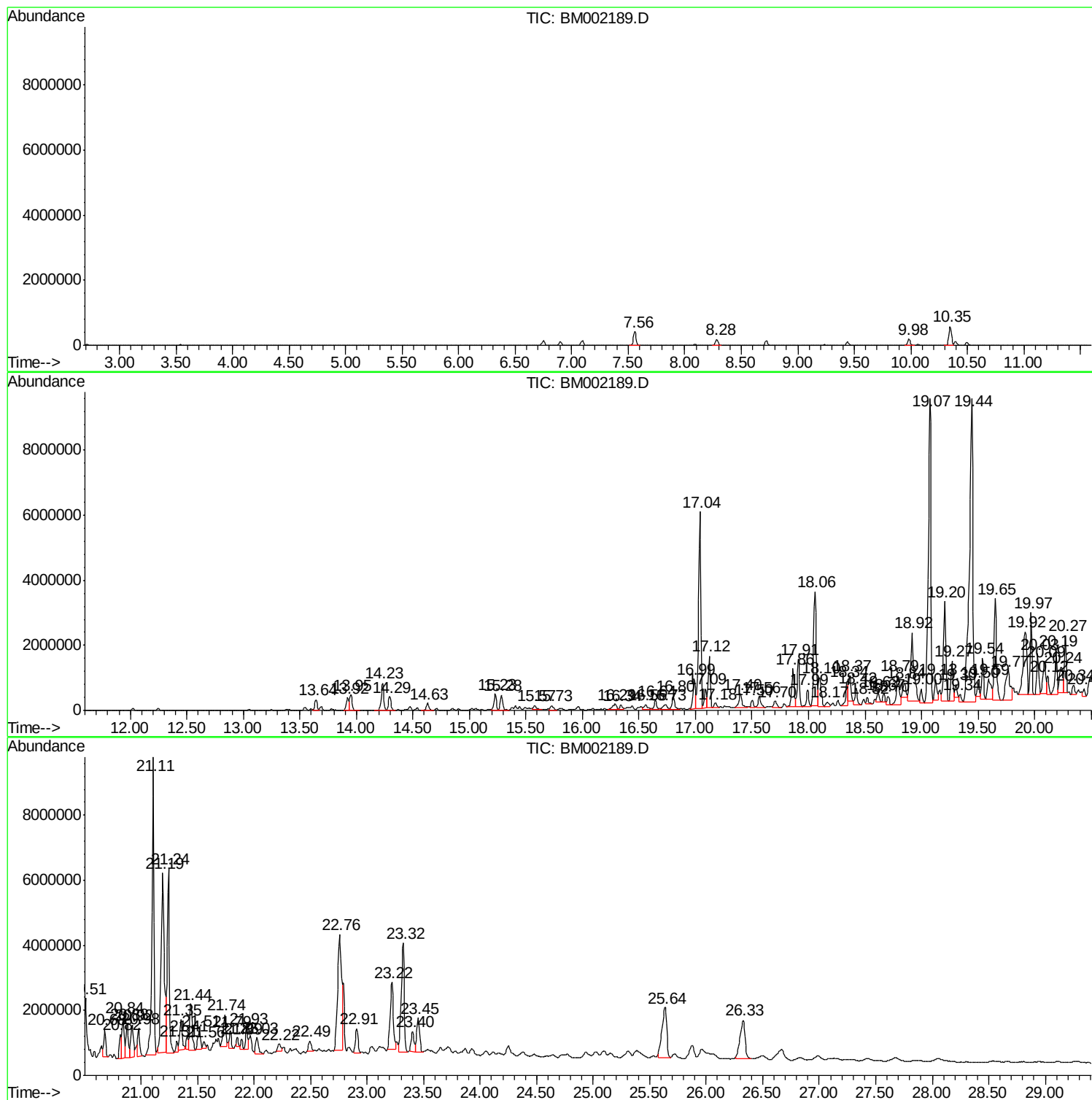
Sum of corrected areas: 204565760

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM002189\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

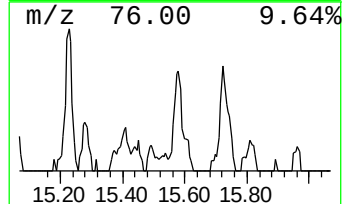
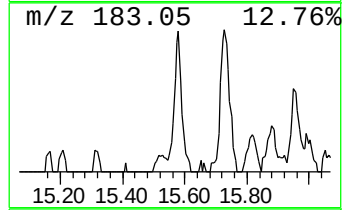
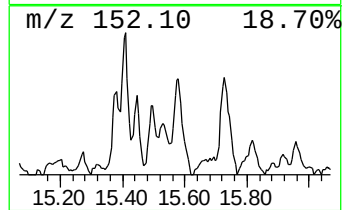
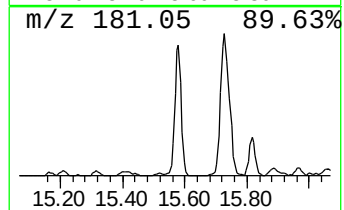
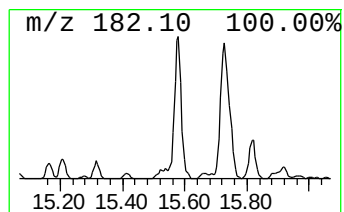
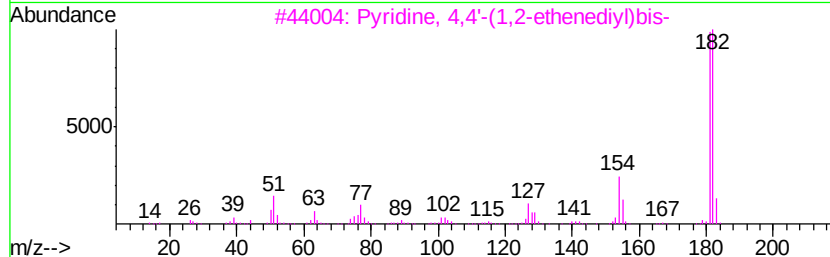
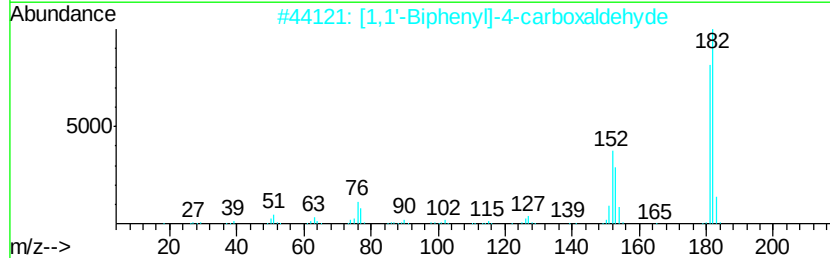
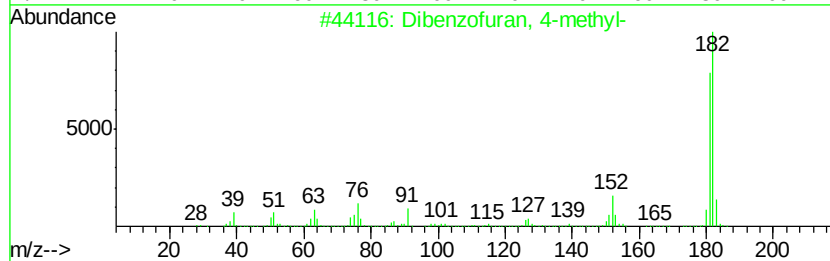
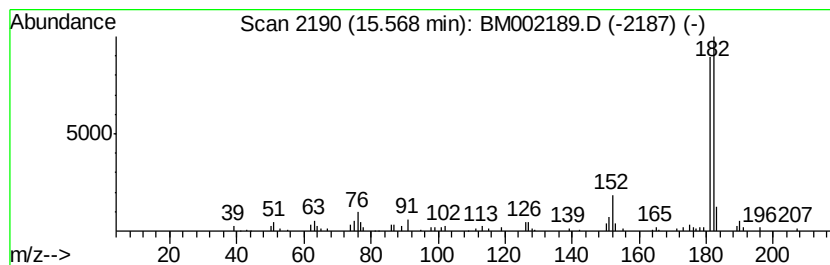
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.94 ng/ul	262891	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 90
2		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 83
3		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182 C12H10N2	001135-32-6 72
4		Pyrido[2,3-d]indole, 6-methyl-	182 C12H10N2	108349-67-3 72
5		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182 C12H10N2	001135-32-6 72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

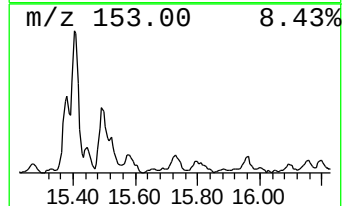
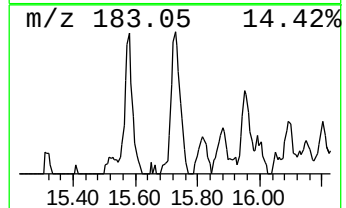
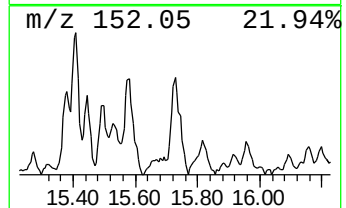
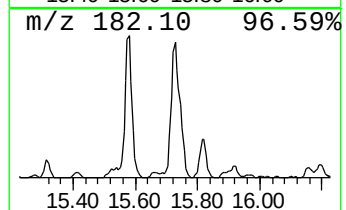
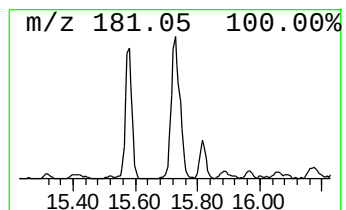
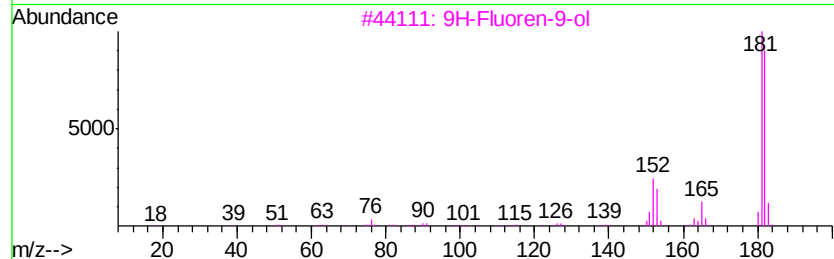
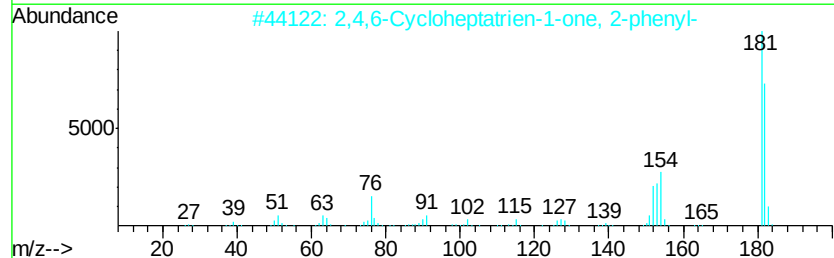
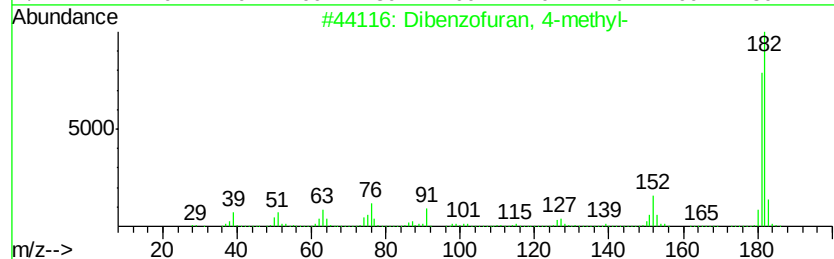
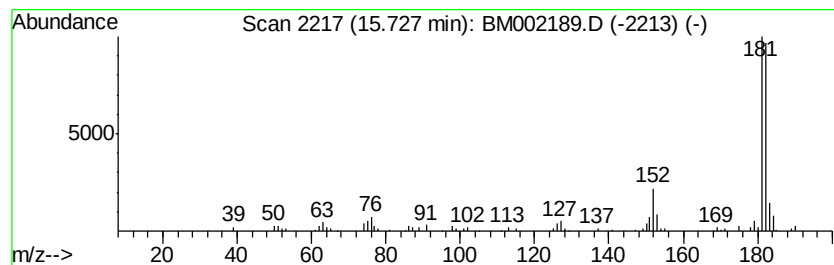
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2,4,6-Cycloheptatrien-1-one... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	3.40 ng/ul	247026	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5			Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

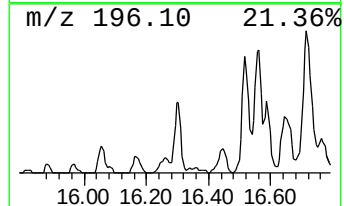
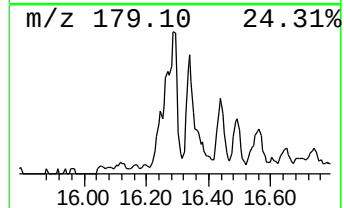
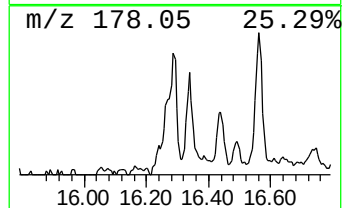
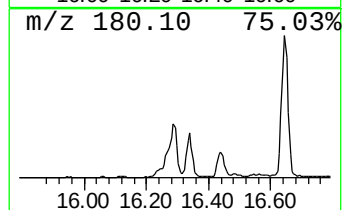
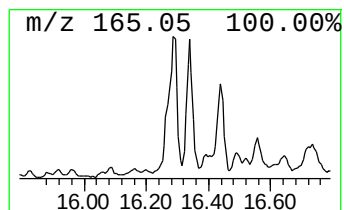
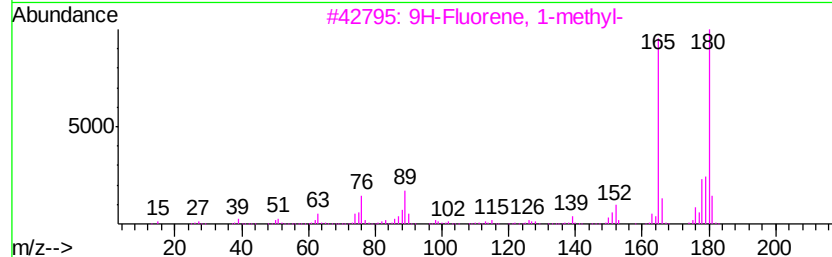
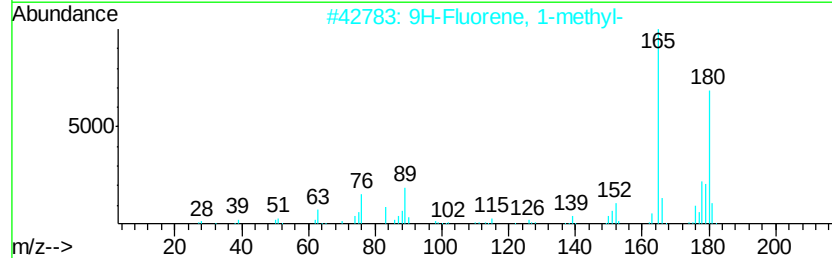
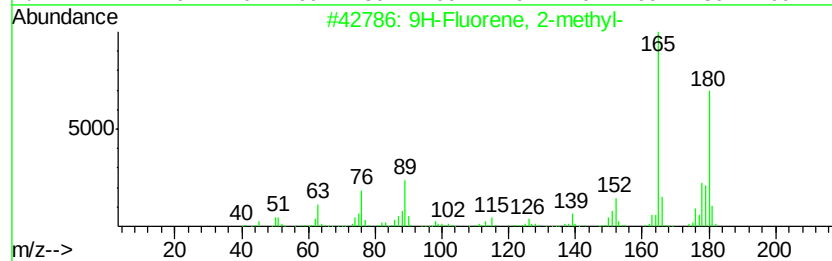
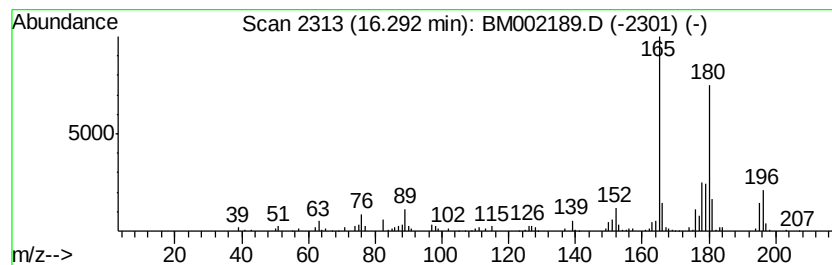
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.29	6.33 ng/ul	460605	Phenanthrene-d10		16.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

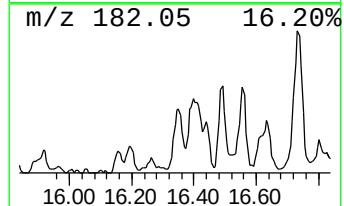
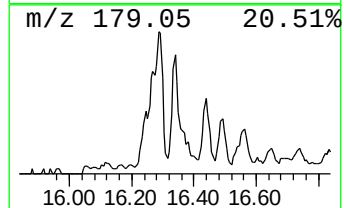
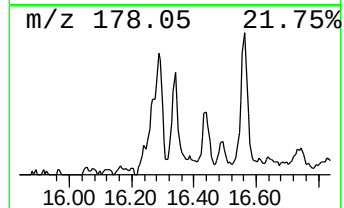
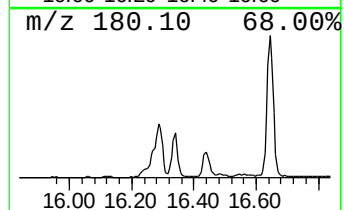
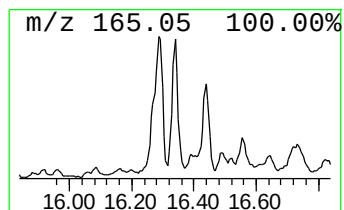
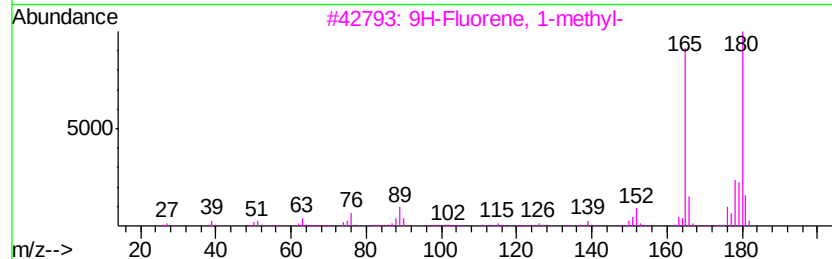
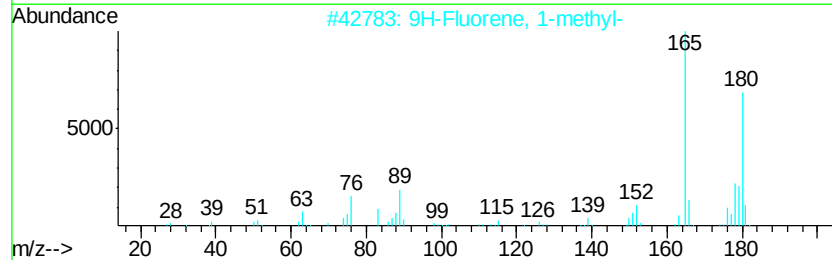
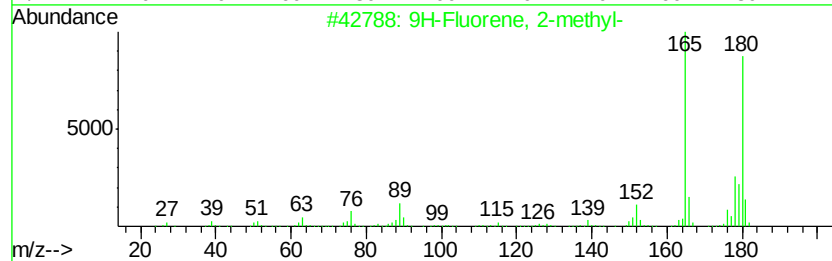
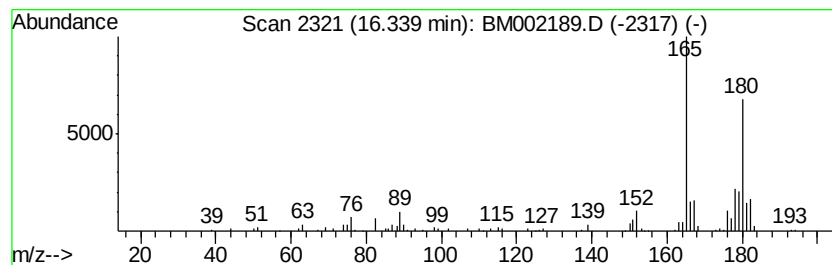
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.52 ng/ul	256106	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
4		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	76
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

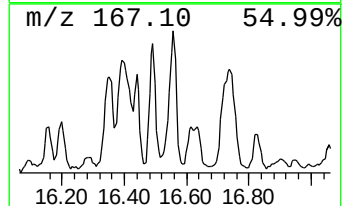
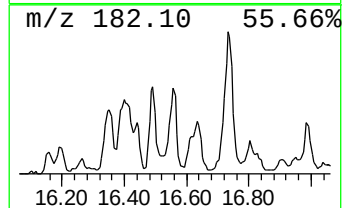
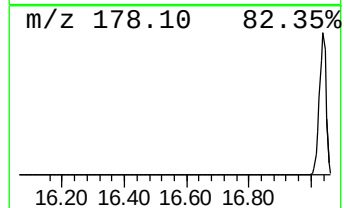
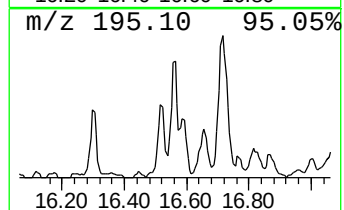
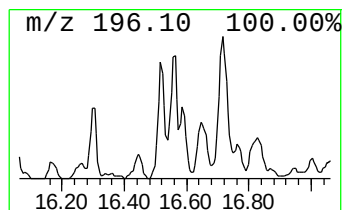
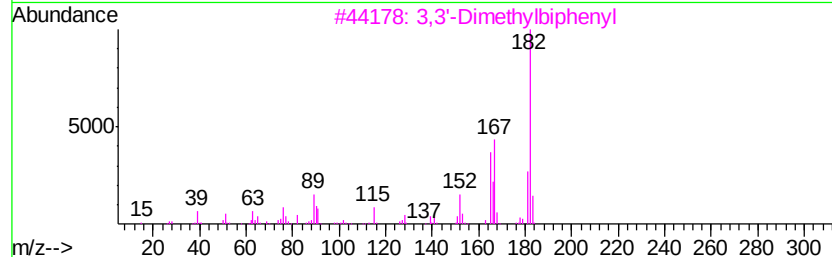
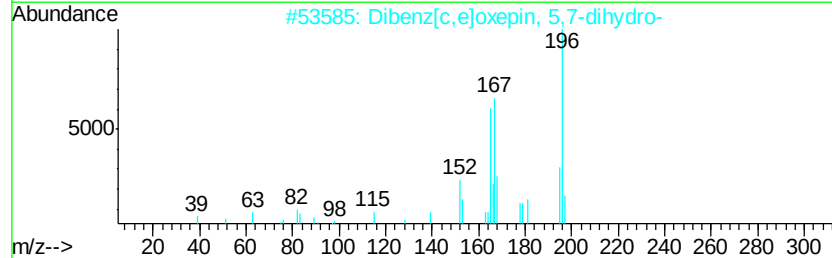
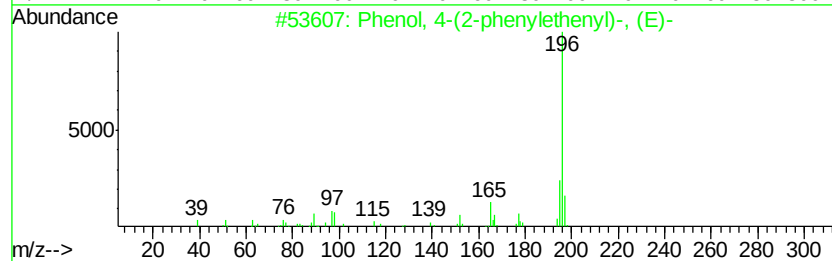
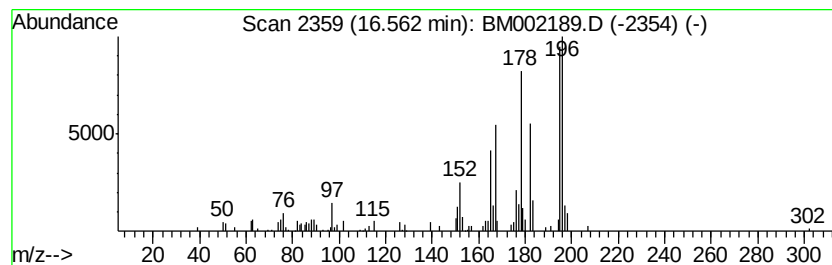
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenol, 4-(2-phenylethenyl)... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	4.06 ng/ul	295614	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	64
2		Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	45
3		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	30
4		Dibenz[b,f][1,4]oxazepine	195	C13H9NO	000257-07-8	30
5		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

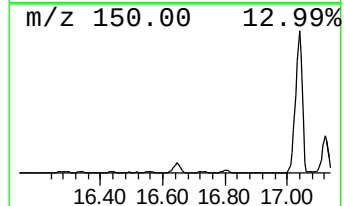
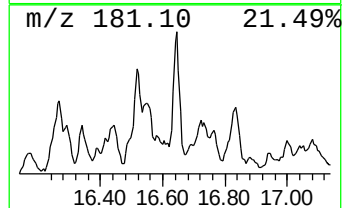
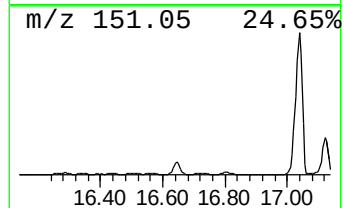
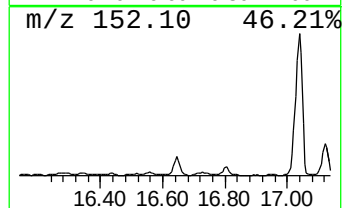
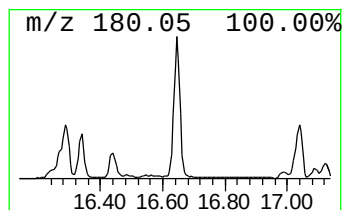
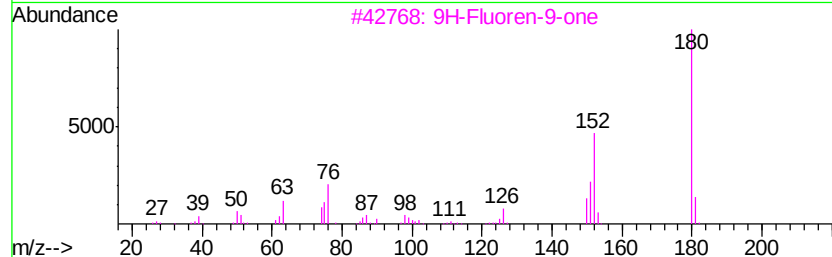
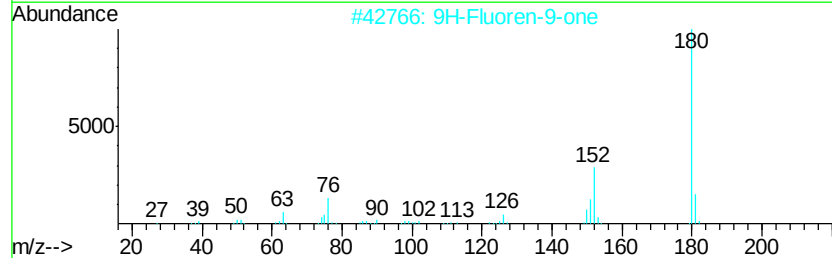
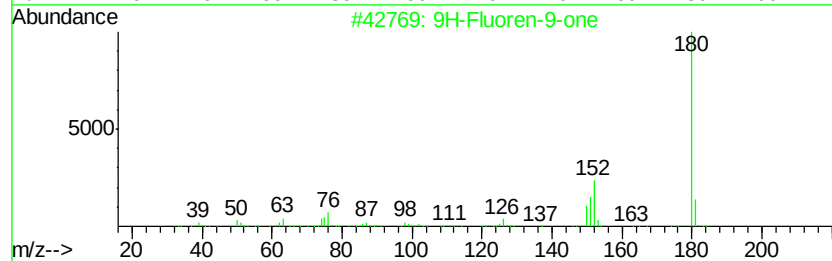
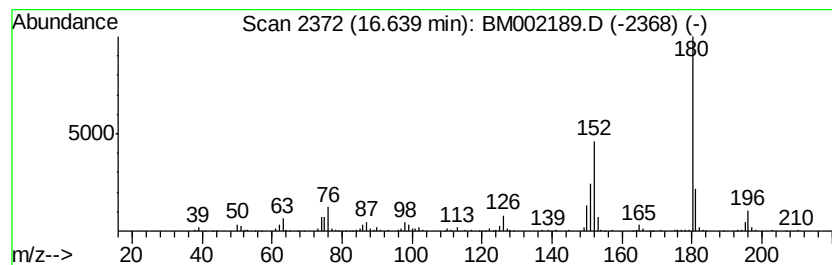
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 9H-Fluoren-9-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	5.77 ng/ul	419443	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	93
2	9H-Fluoren-9-one		180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one		180	C13H8O	000486-25-9	93
4	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	90
5	9H-Fluoren-9-one		180	C13H8O	000486-25-9	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

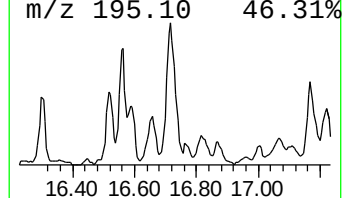
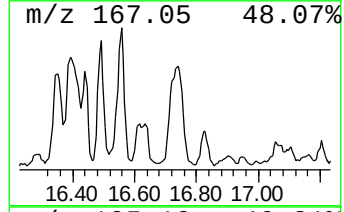
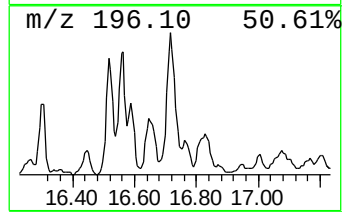
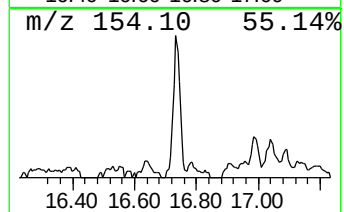
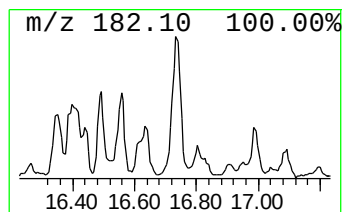
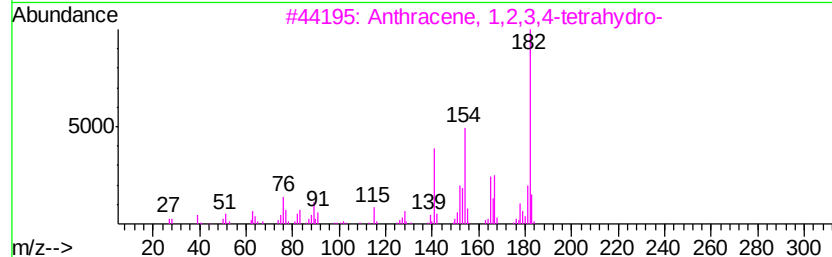
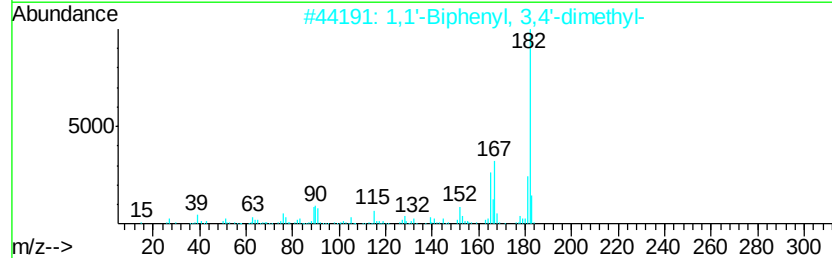
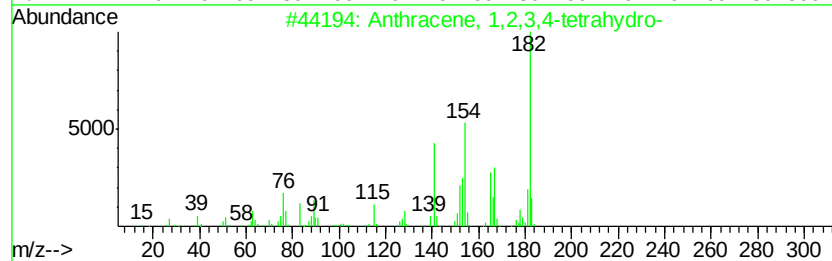
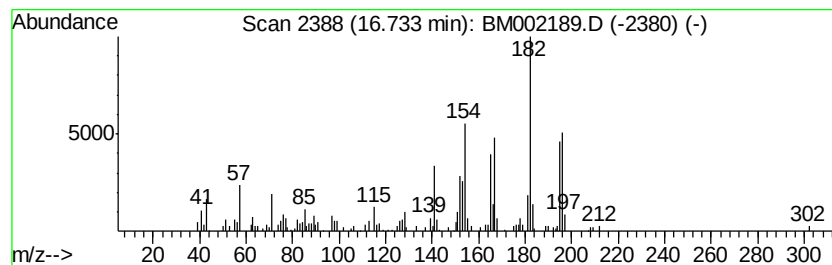
Instrument :
BNA_M
ClientSampled :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.73	5.38 ng/ul	391564	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	91
2		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	64
3		Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	60
4		7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	55
5		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

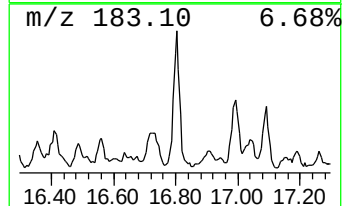
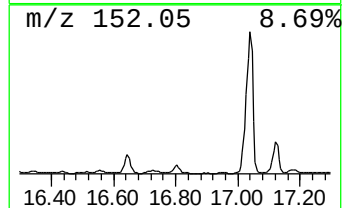
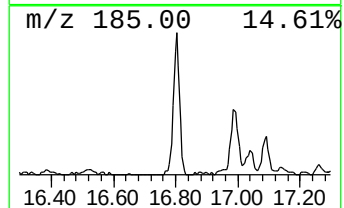
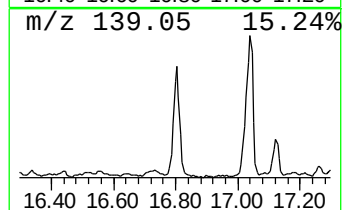
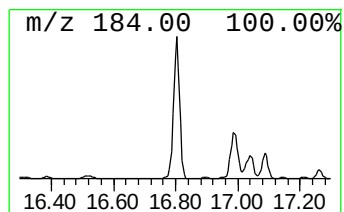
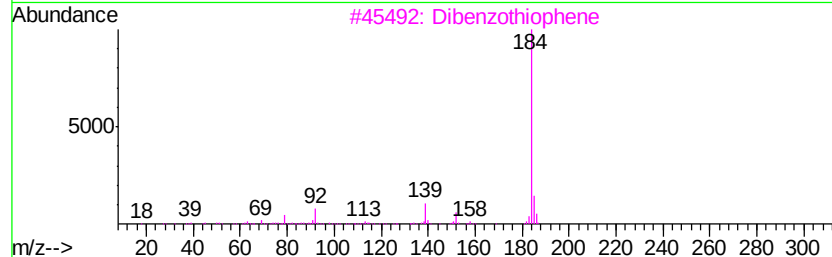
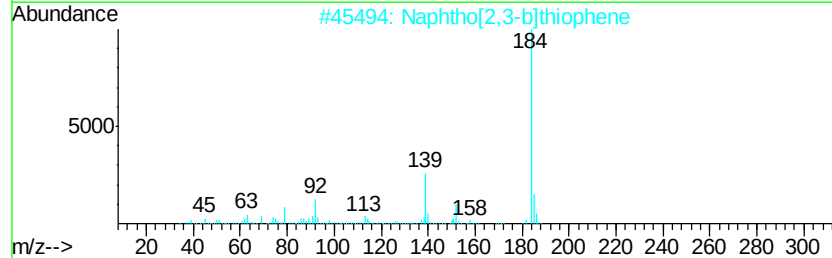
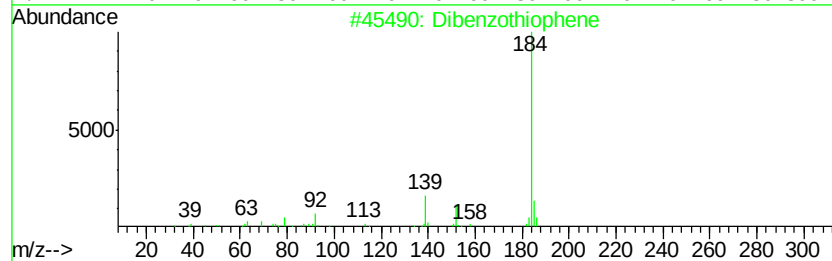
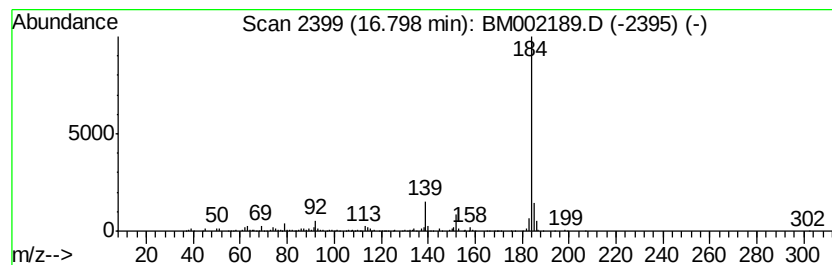
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	8.36 ng/ul	607919	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Dibenzothiophene	184	C12H8S	000132-65-0	93
5		Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

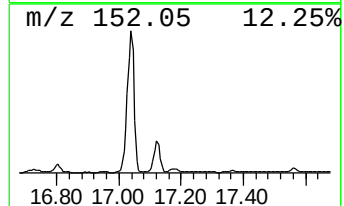
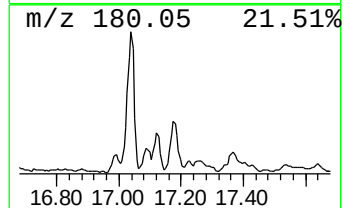
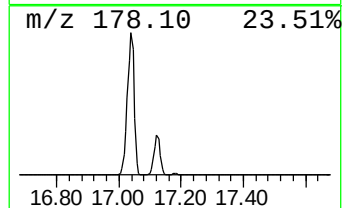
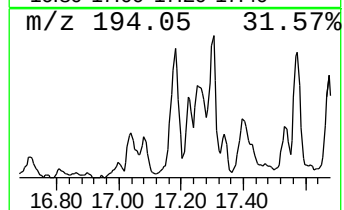
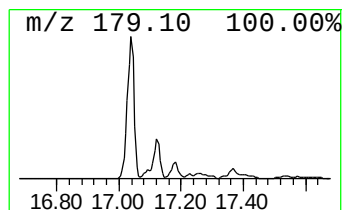
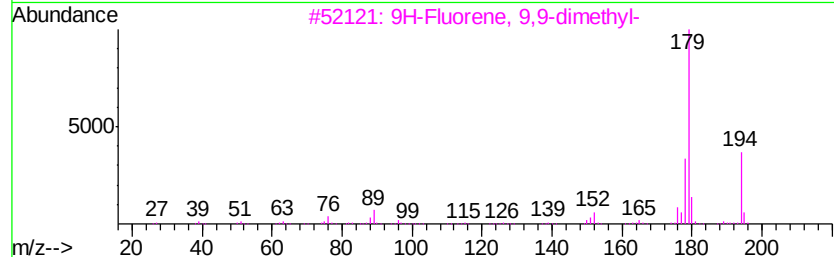
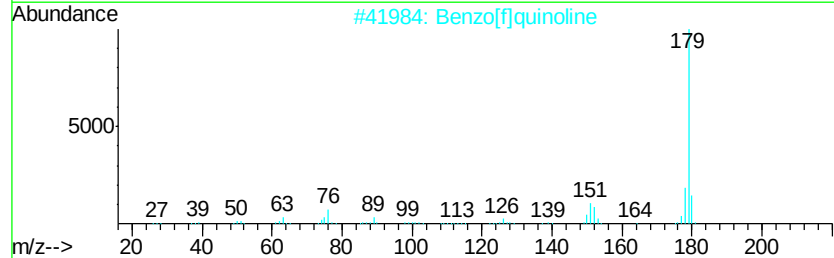
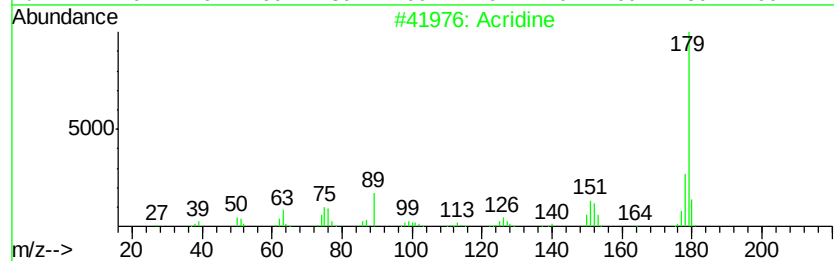
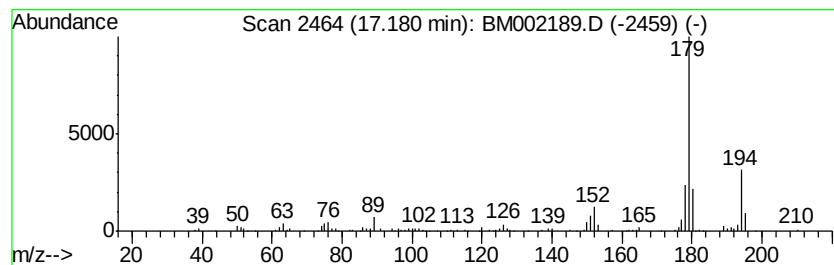
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Acridine Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	3.34 ng/ul	242829	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acridine	179	C13H9N	000260-94-6	93
2			Benzo[f]quinoline	179	C13H9N	000085-02-9	90
3			9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	80
4			Benzo[h]quinoline	179	C13H9N	000230-27-3	76
5			Phenanthridine	179	C13H9N	000229-87-8	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C01M4

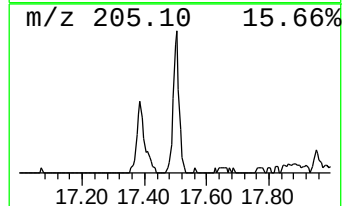
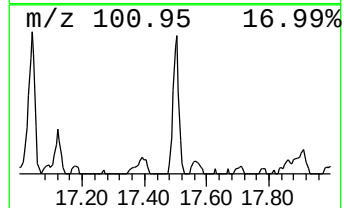
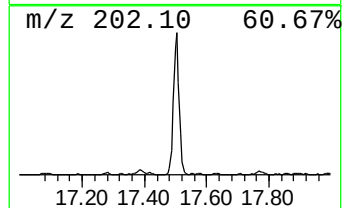
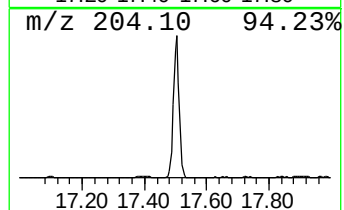
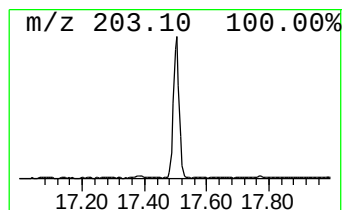
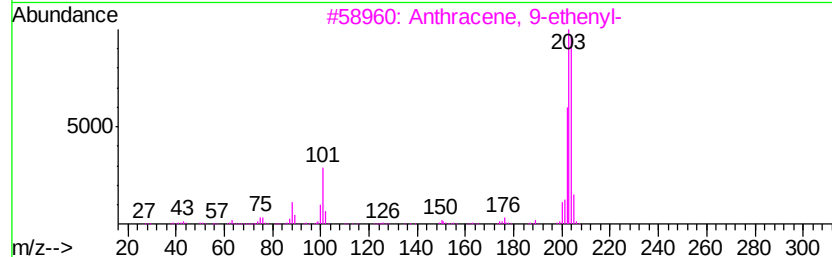
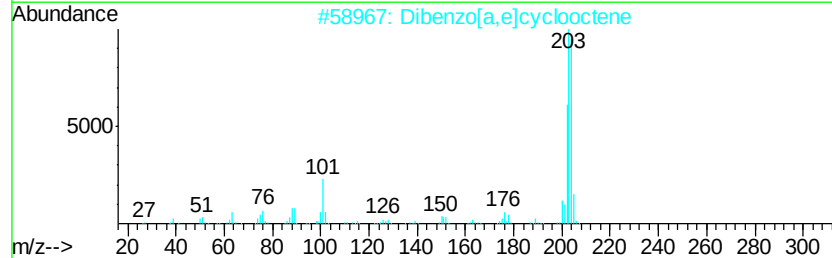
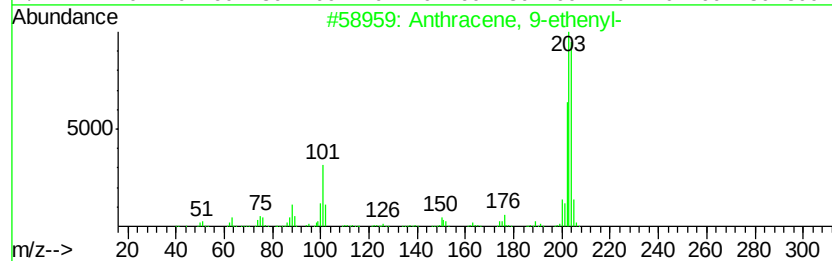
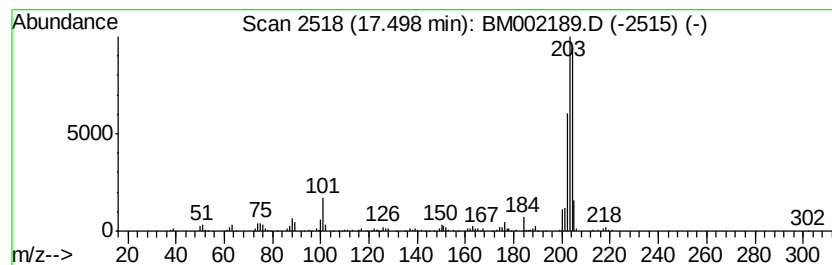
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Anthracene, 9-ethenyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	3.98 ng/ul	289270	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	94
2		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
3		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	81
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

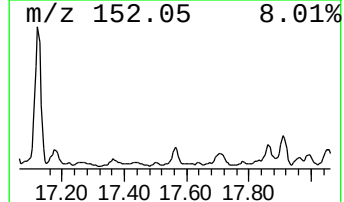
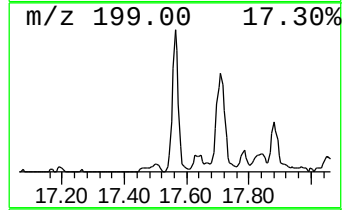
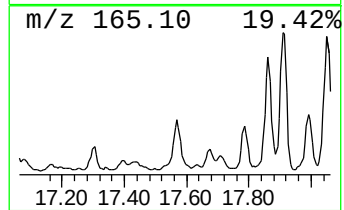
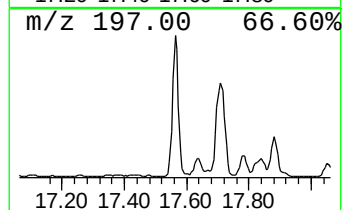
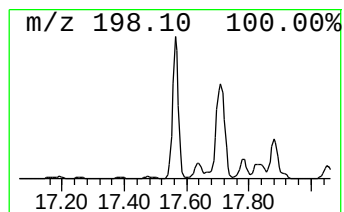
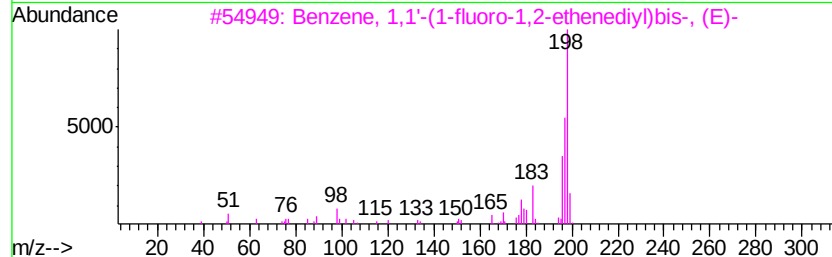
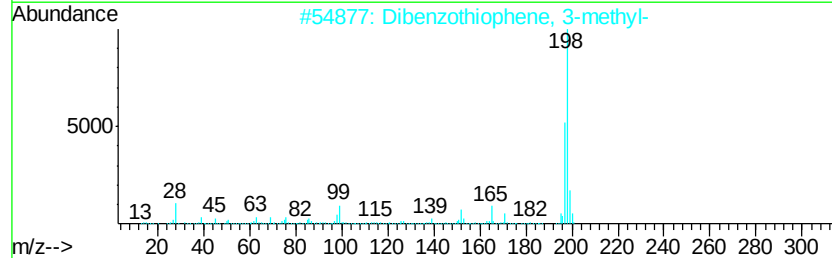
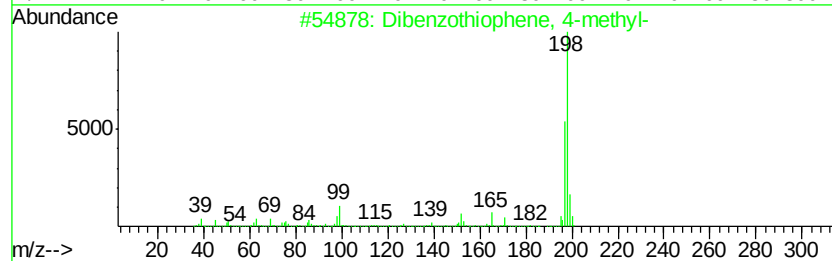
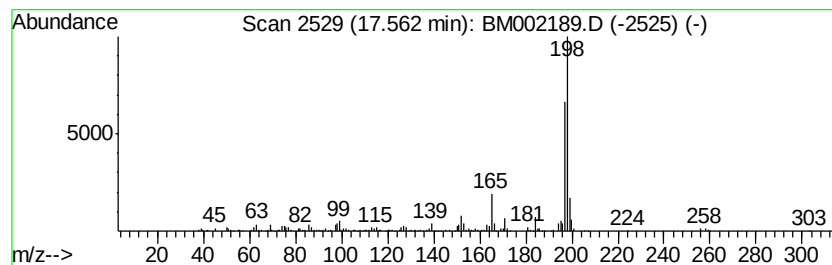
Instrument :
BNA_M
ClientSampled :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dibenzothiophene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.56	8.10 ng/ul	589162	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
3		Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
4		Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	72
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

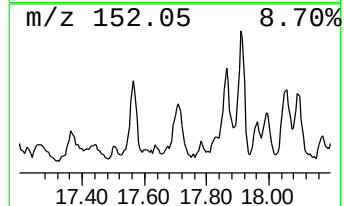
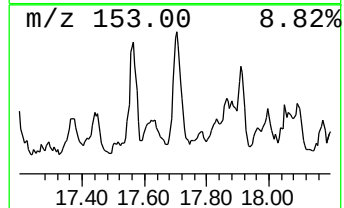
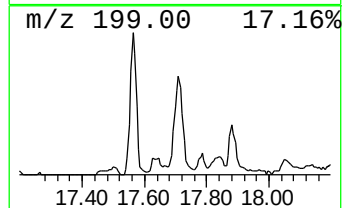
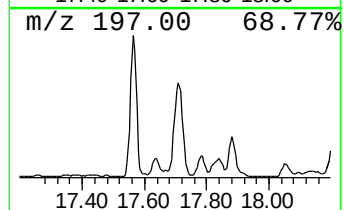
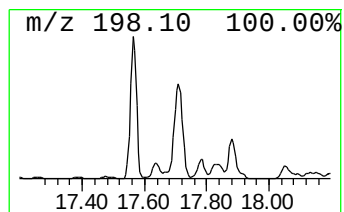
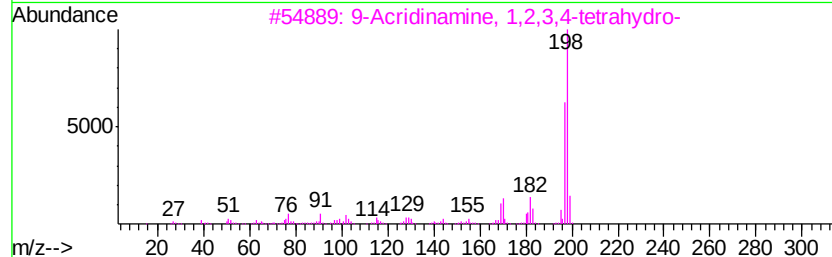
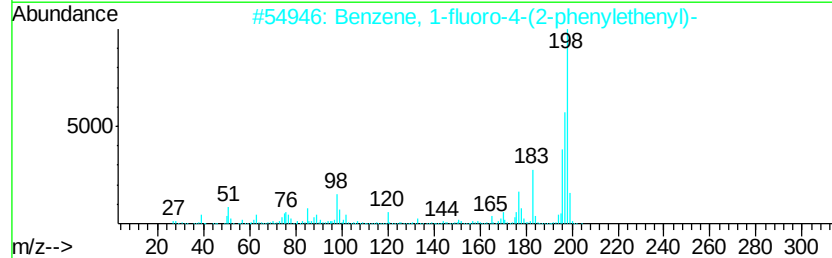
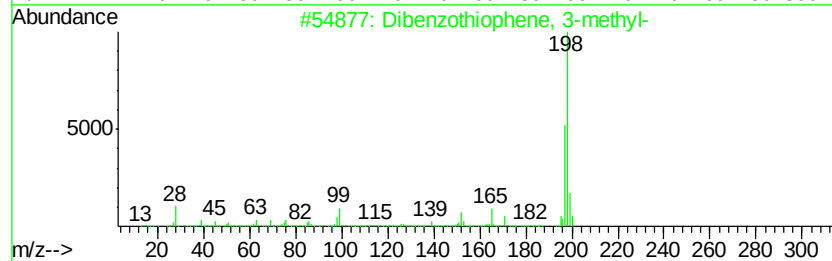
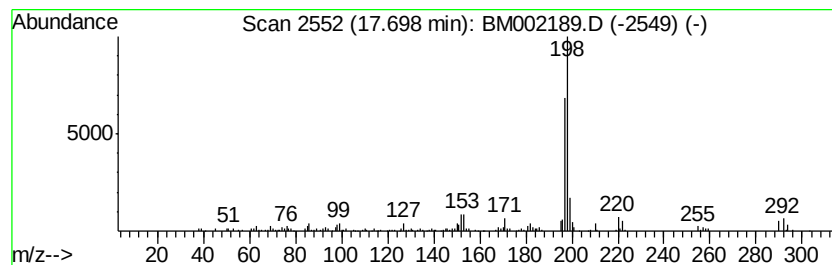
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Dibenzothiophene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	5.19 ng/ul	377118	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
2			Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	80
3			9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
4			.alpha.-[1-Indanylidene]cyanoace...	198	C12H10N2O	058787-18-1	60
5			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

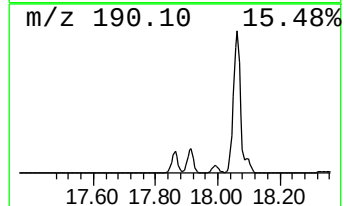
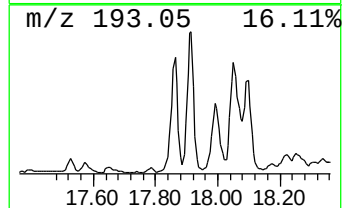
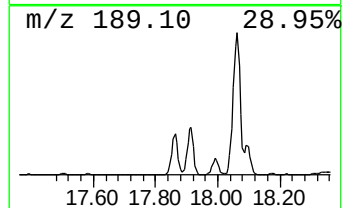
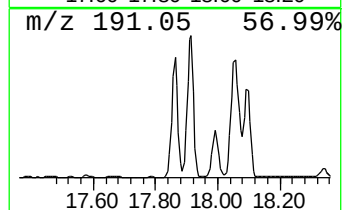
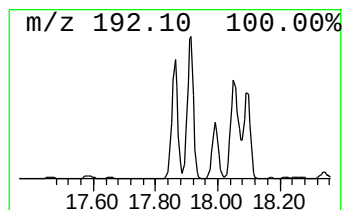
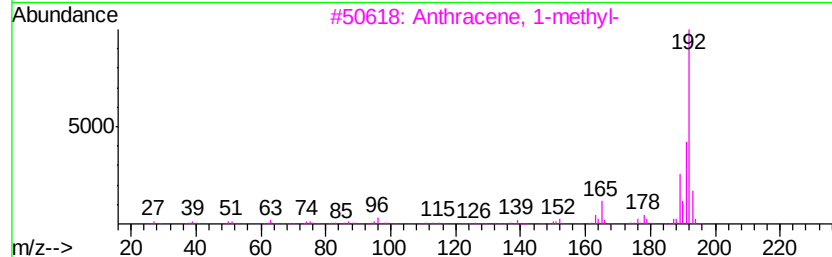
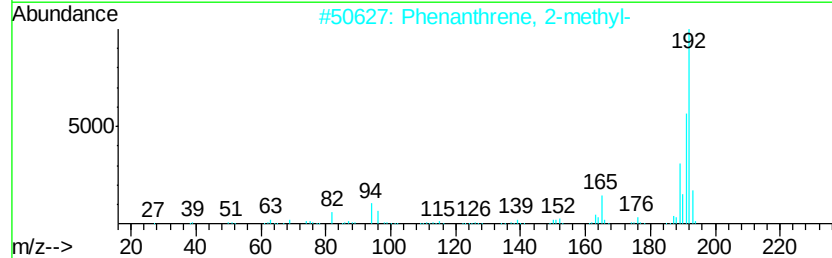
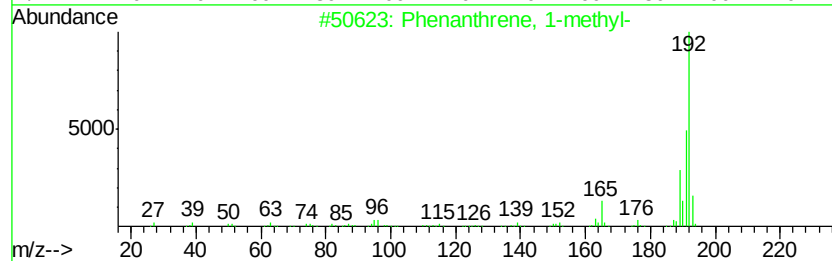
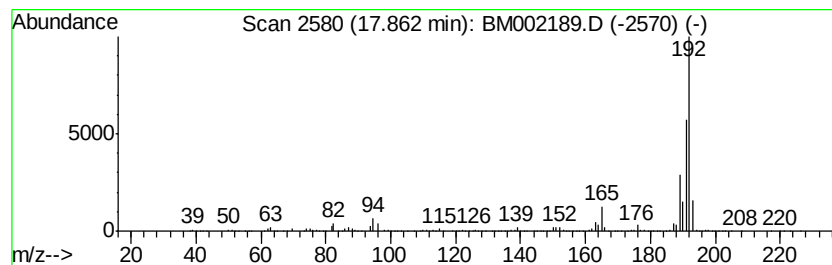
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	25.28 ng/ul	1838600	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

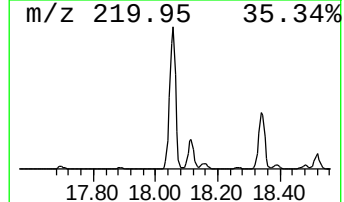
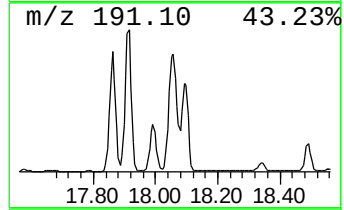
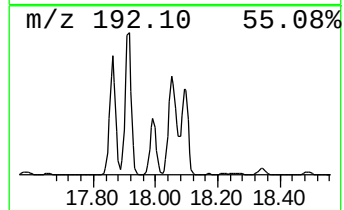
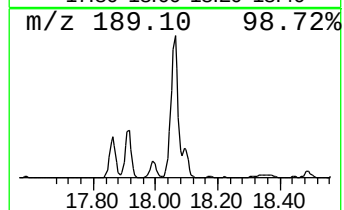
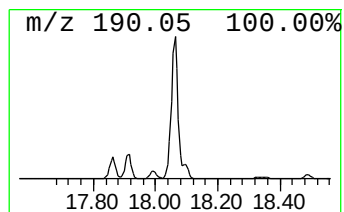
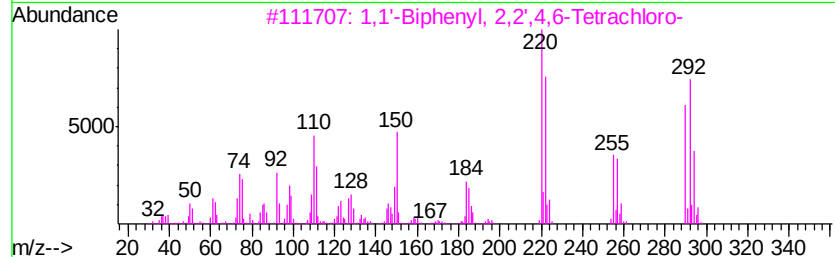
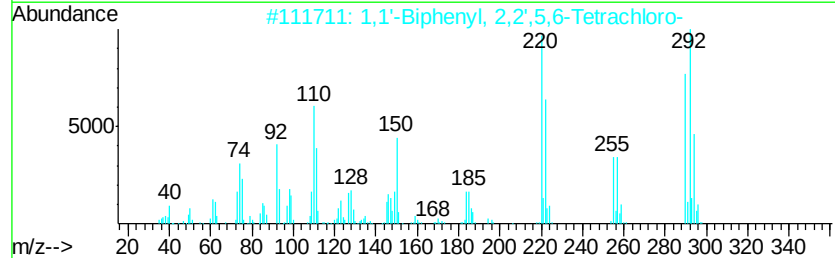
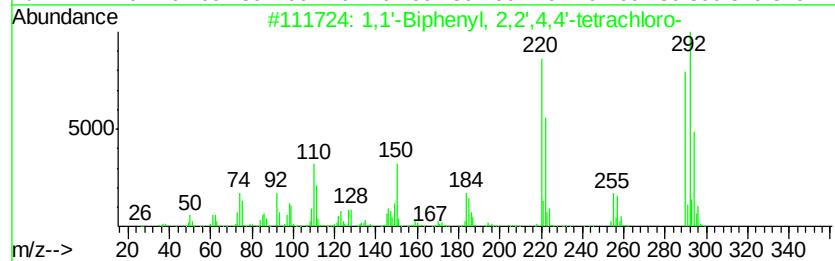
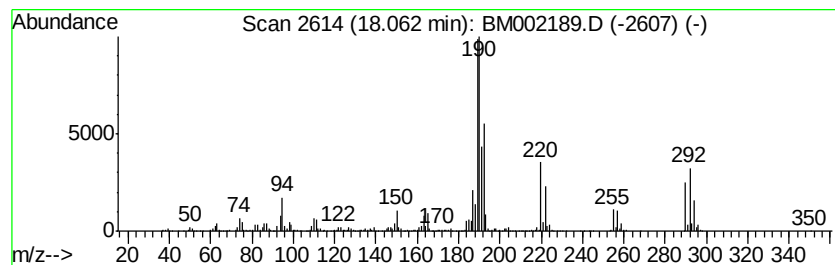
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	75.34 ng/ul	5478970	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290 C12H6Cl4	002437-79-8	94
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290 C12H6Cl4	041464-41-9	94
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290 C12H6Cl4	062796-65-0	94
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290 C12H6Cl4	041464-40-8	94
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290 C12H6Cl4	041464-40-8	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

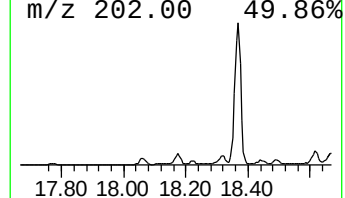
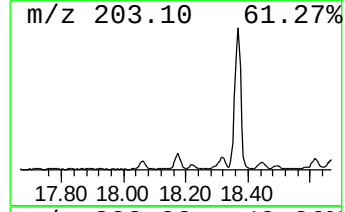
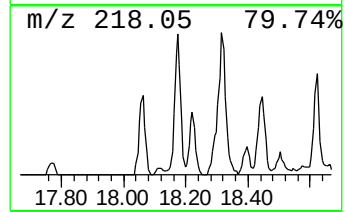
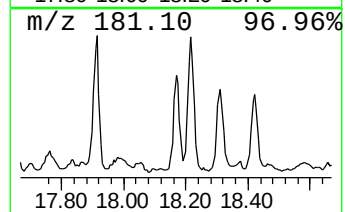
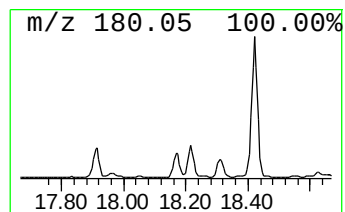
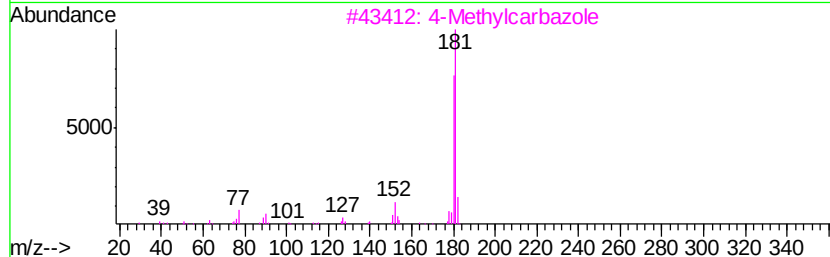
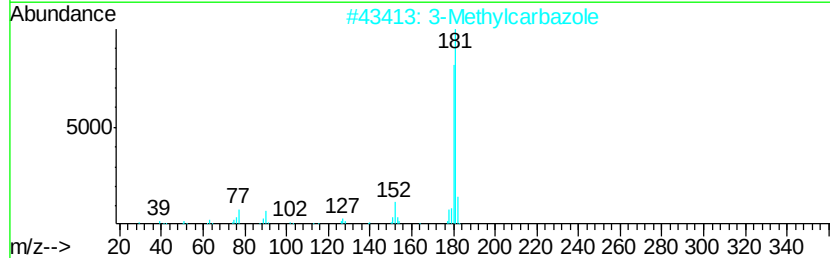
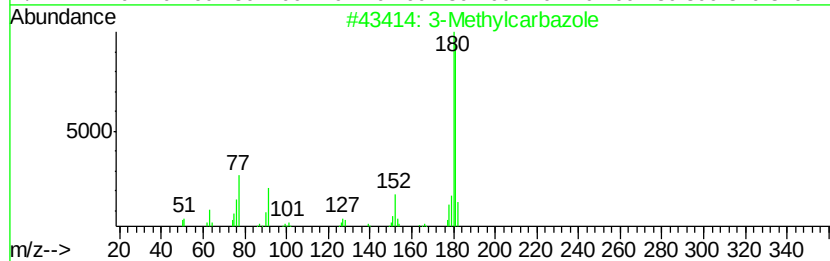
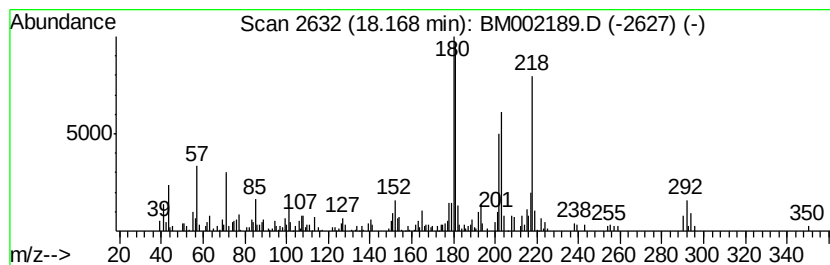
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 3-Methylcarbazole Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.42 ng/ul	249032	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylcarbazole	181	C13H11N	004630-20-0	83
2		3-Methylcarbazole	181	C13H11N	004630-20-0	42
3		4-Methylcarbazole	181	C13H11N	003770-48-7	42
4		9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	42
5		3-Methylcarbazole	181	C13H11N	004630-20-0	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

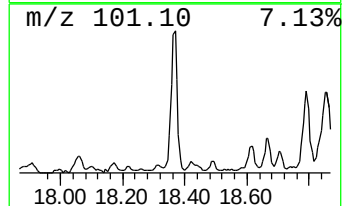
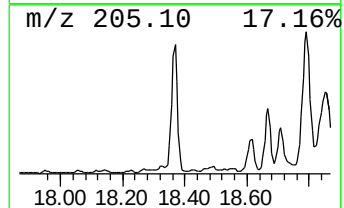
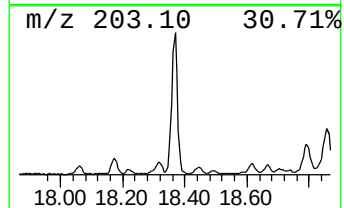
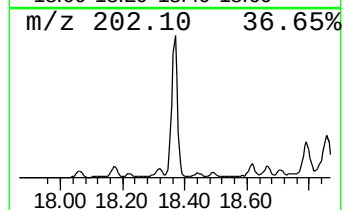
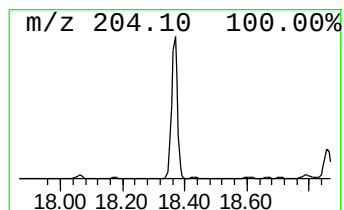
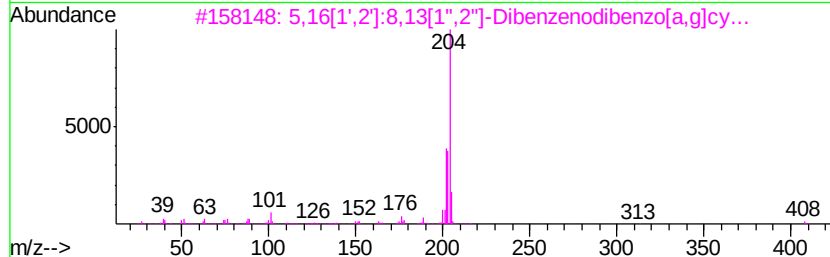
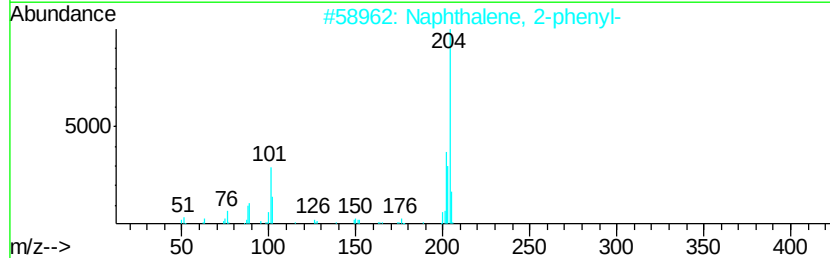
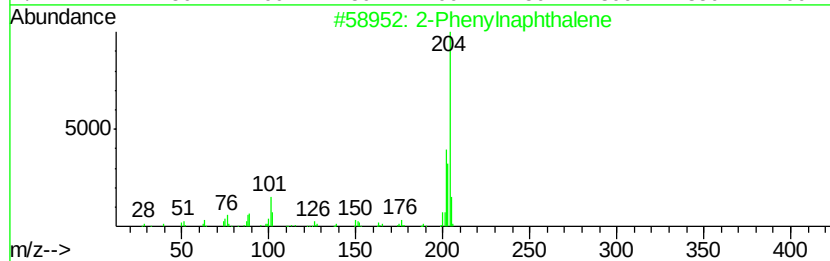
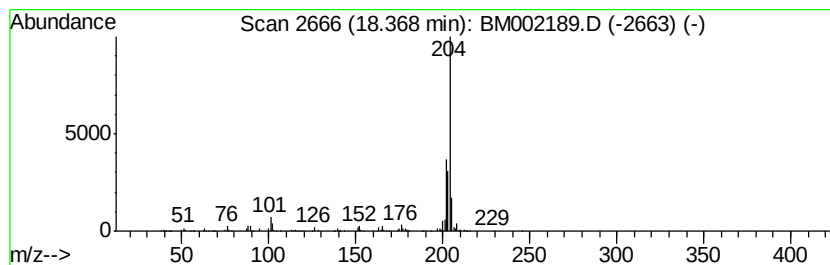
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 2-Phenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	14.17 ng/ul	1030180	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

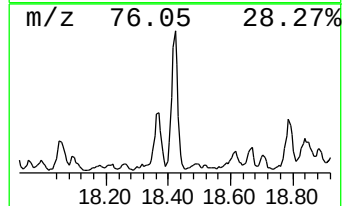
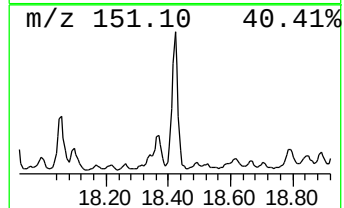
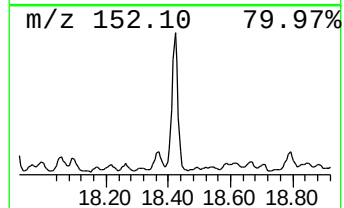
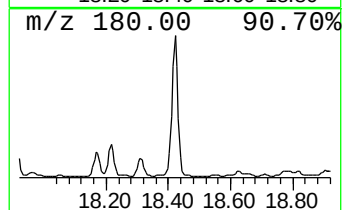
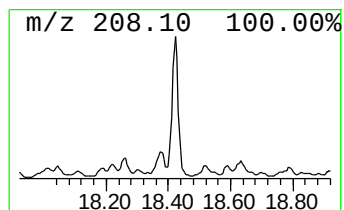
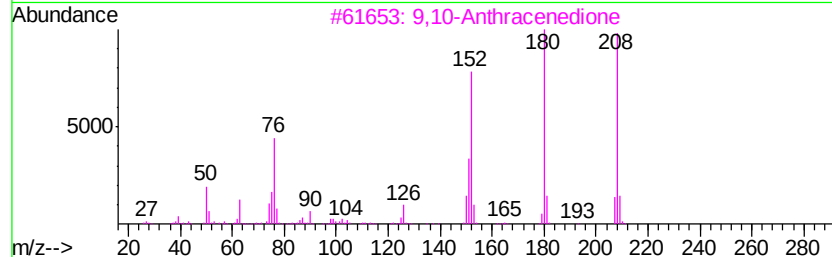
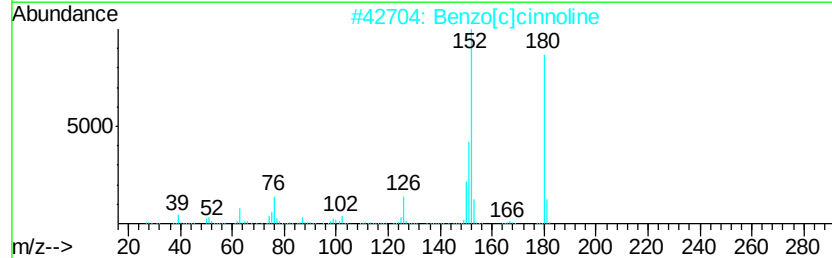
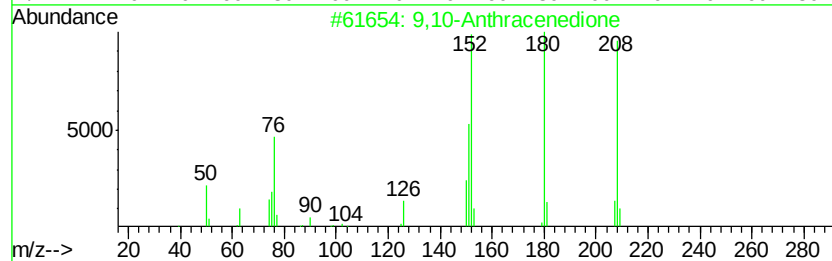
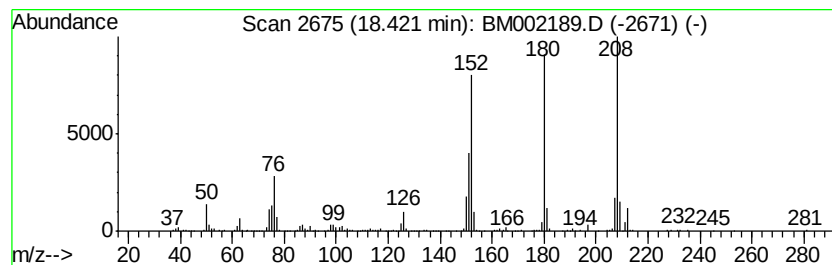
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	10.61 ng/ul	771413	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

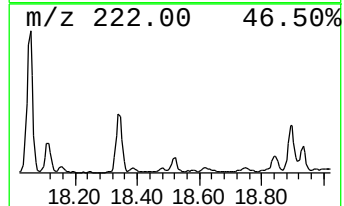
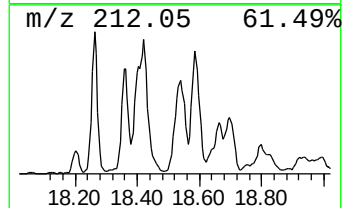
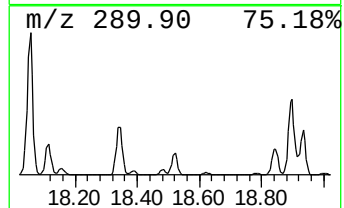
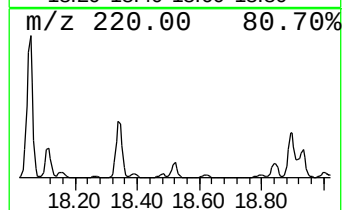
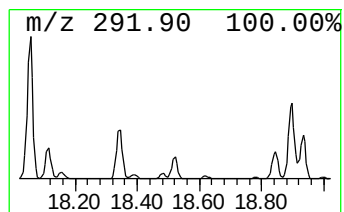
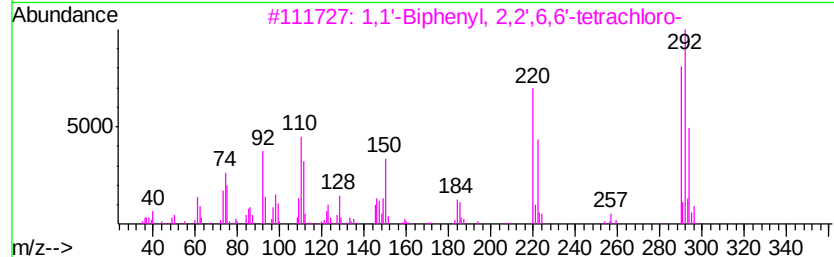
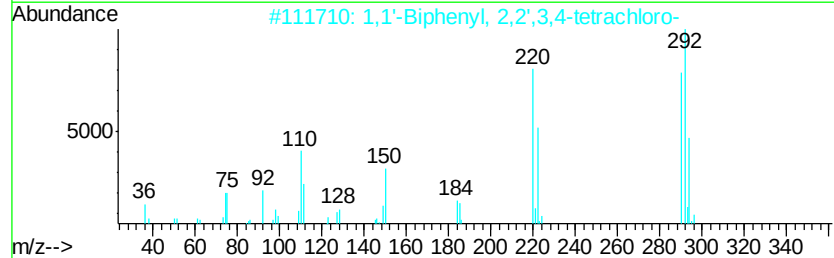
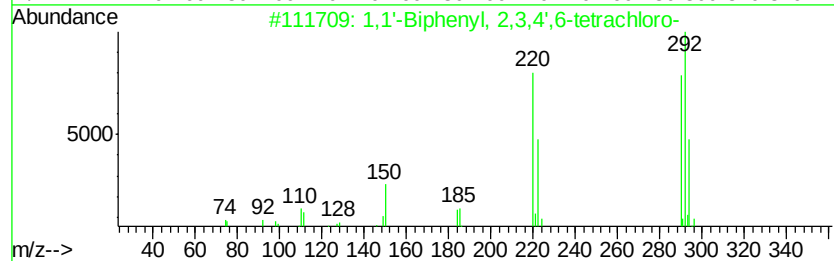
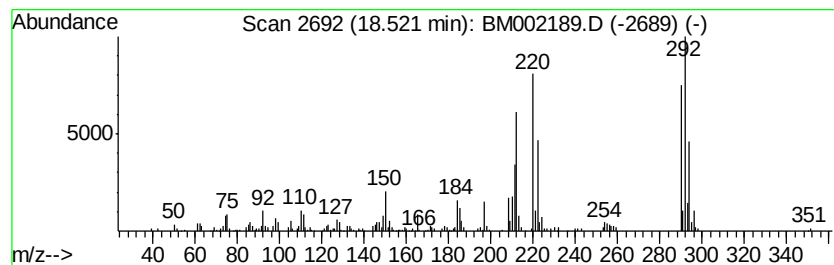
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.52	4.25 ng/ul	309102	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl,	2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	98
3	1,1'-Biphenyl,	2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98
4	1,1'-Biphenyl,	2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	98
5	1,1'-Biphenyl,	2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

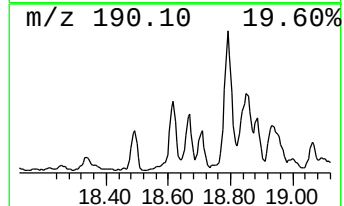
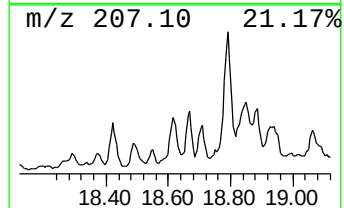
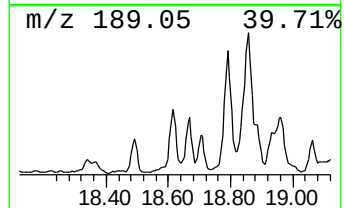
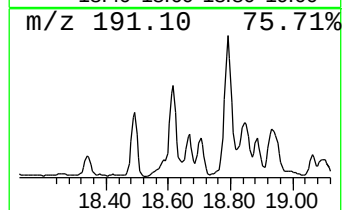
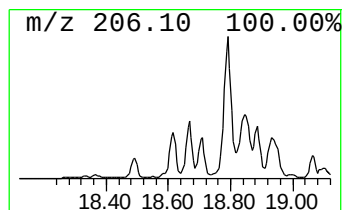
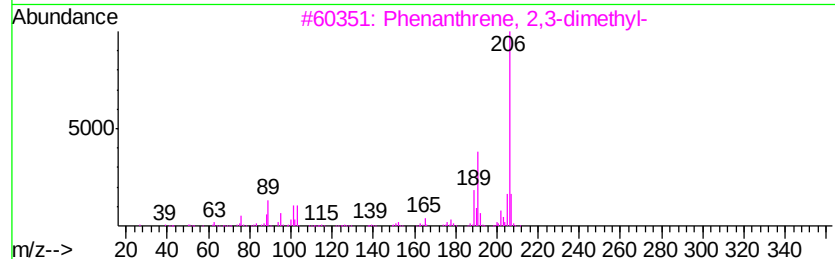
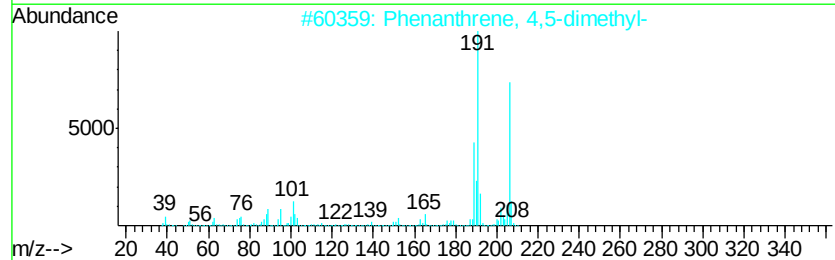
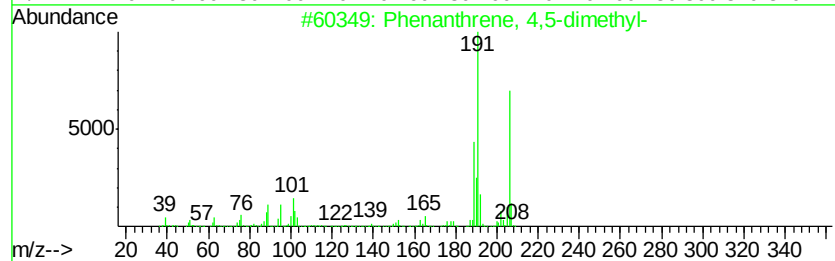
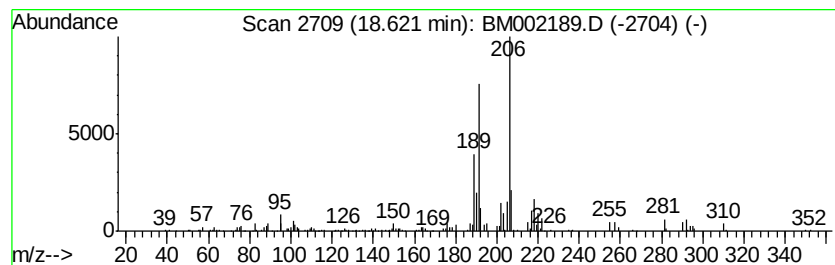
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenanthrene, 4,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.62	6.35 ng/ul	461515	Phenanthrene-d10		16.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

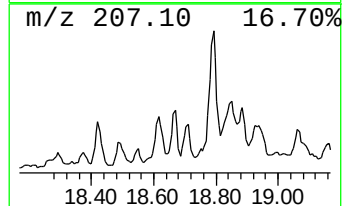
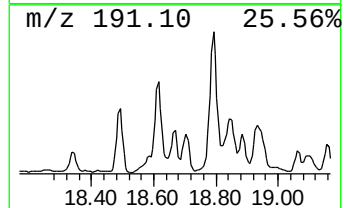
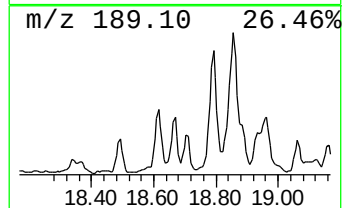
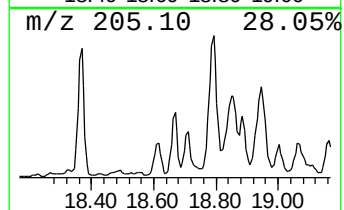
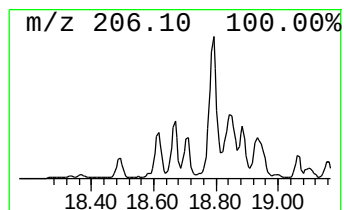
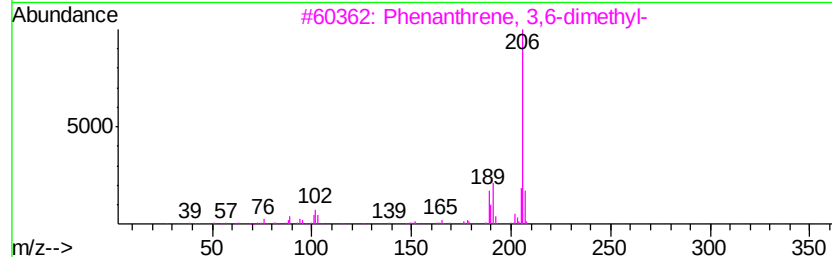
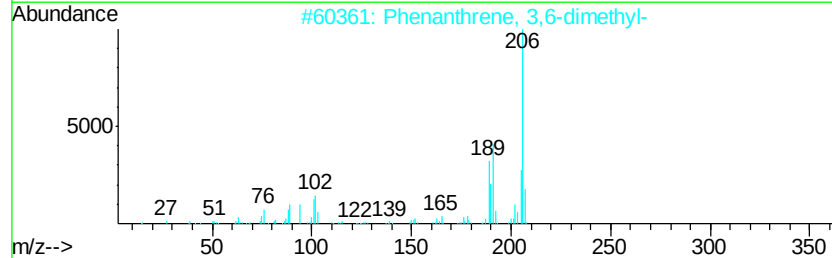
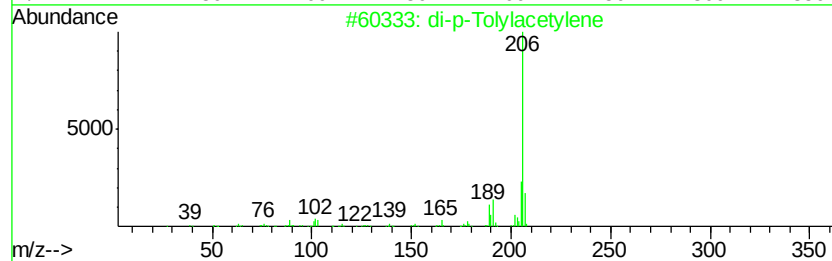
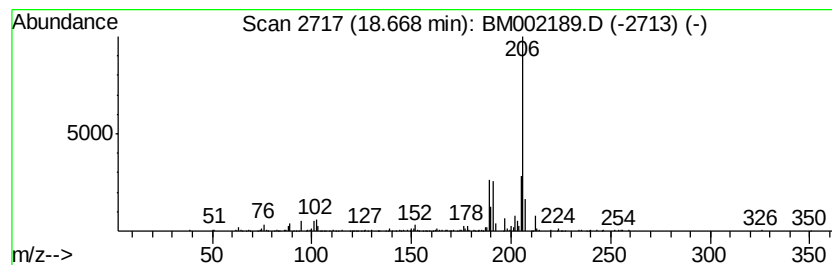
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 di-p-Tolylacetylene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	4.22 ng/ul	307005	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

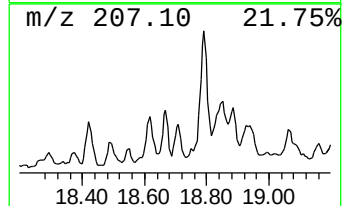
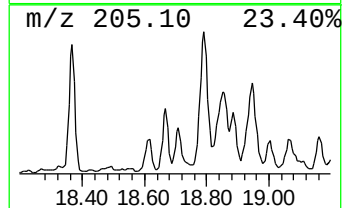
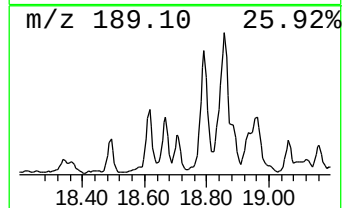
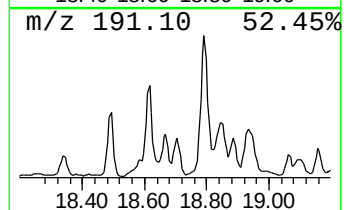
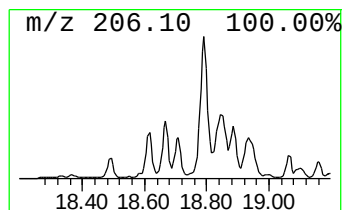
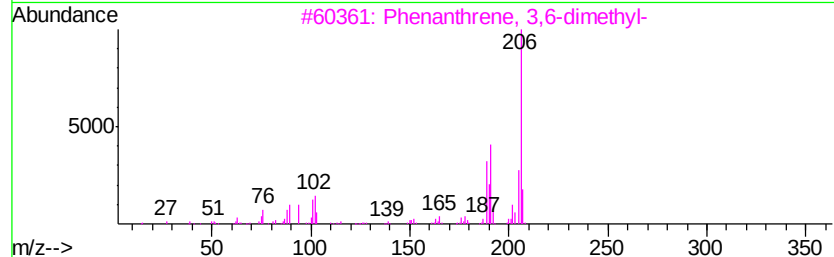
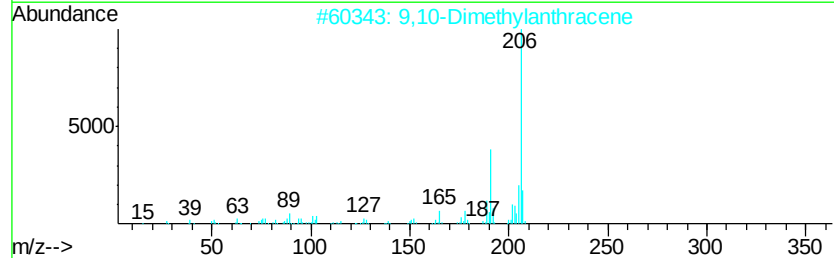
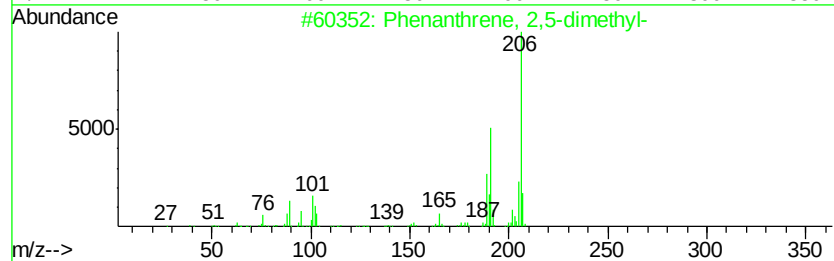
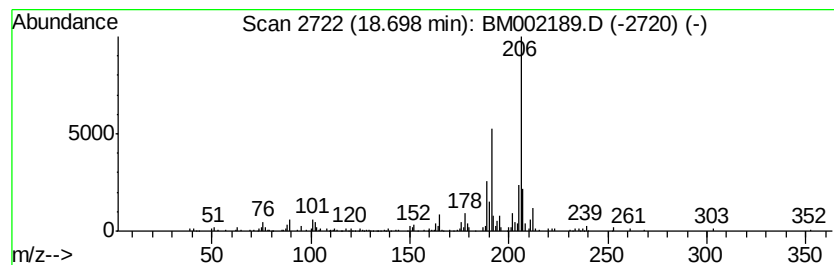
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 2,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	4.87 ng/ul	353942	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

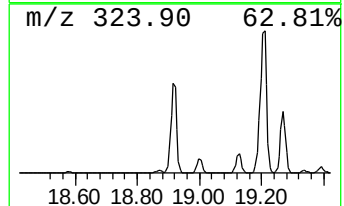
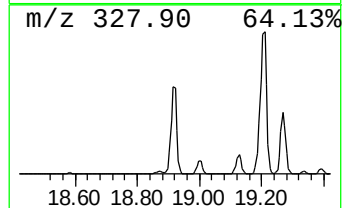
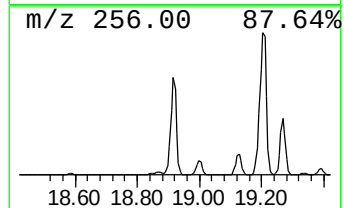
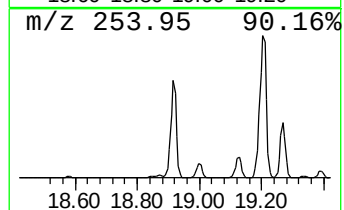
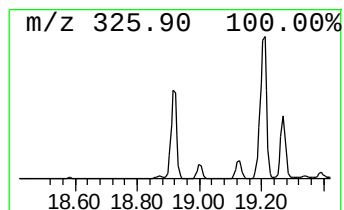
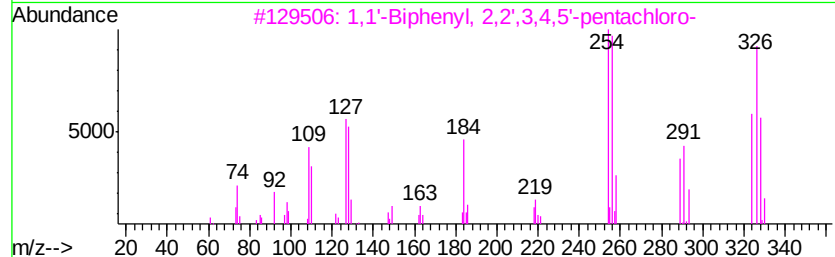
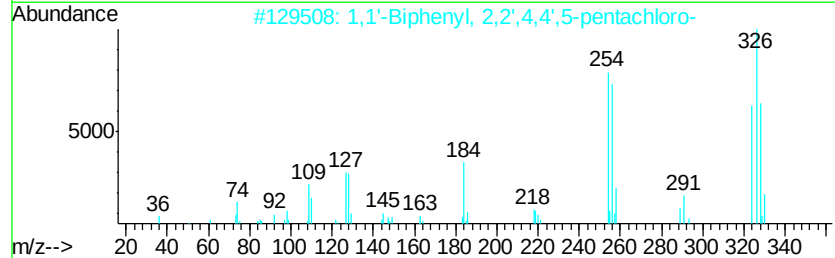
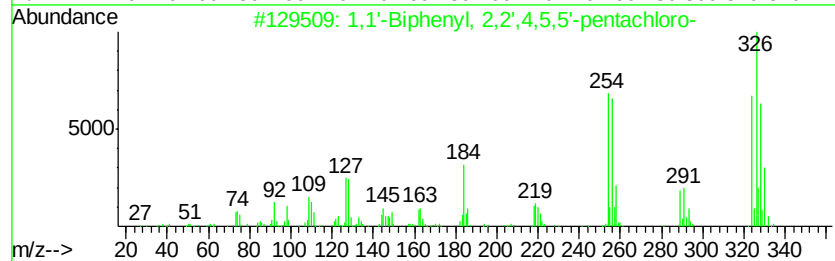
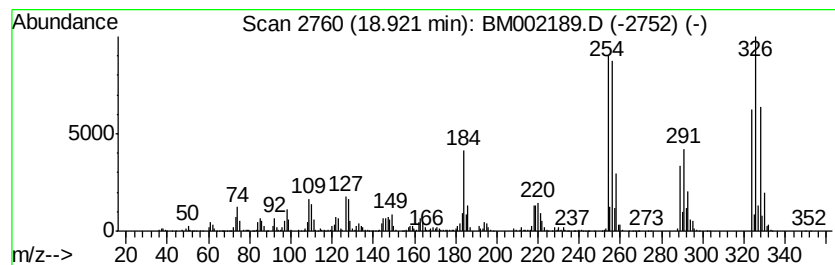
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	65.96 ng/ul	4797070	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3		1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
4		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
5		1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

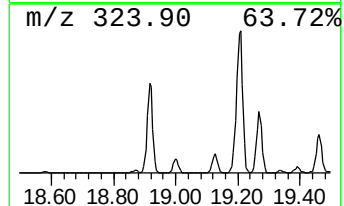
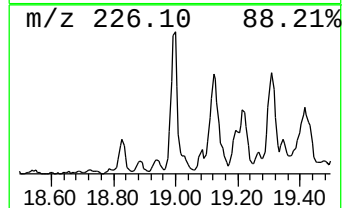
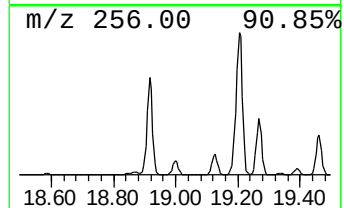
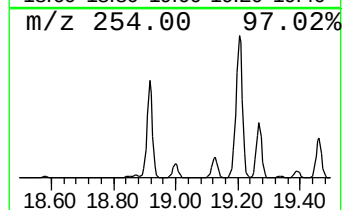
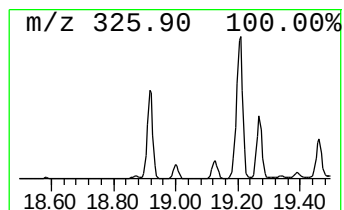
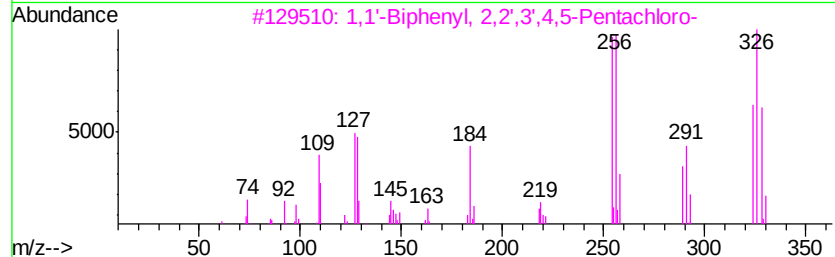
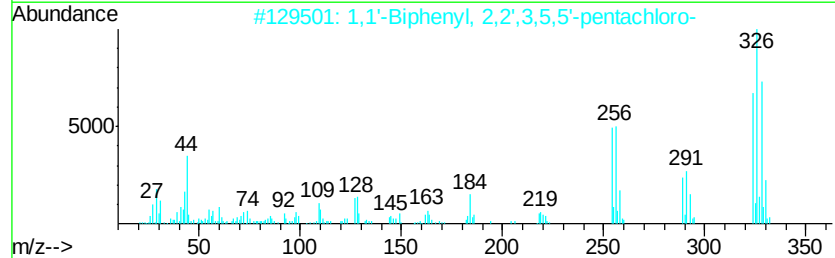
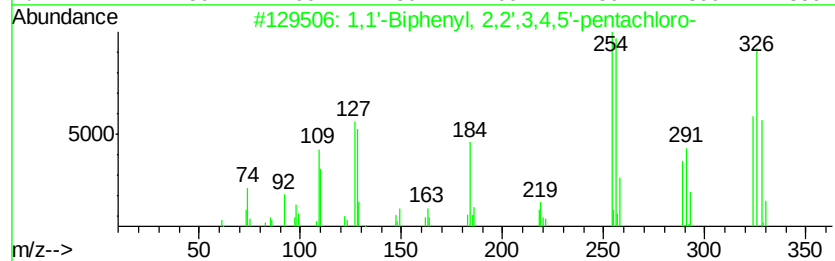
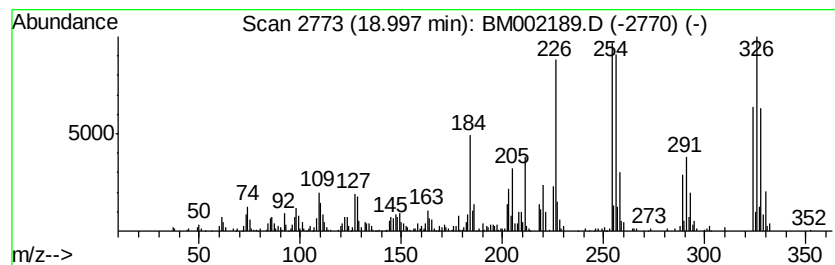
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 1,1'-Biphenyl, 2,2',3,4,5'-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	7.10 ng/ul	516351	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
2		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C01M4

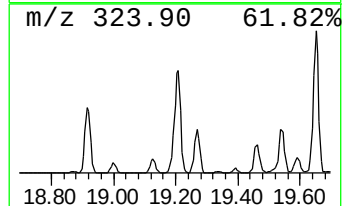
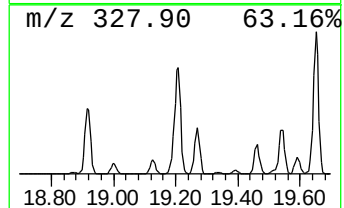
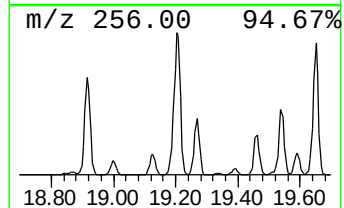
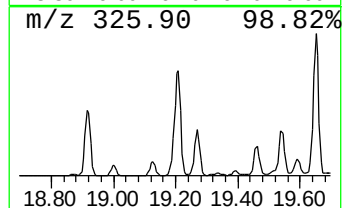
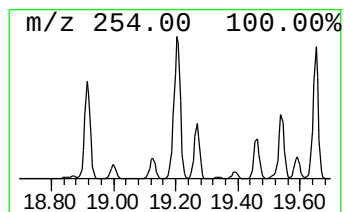
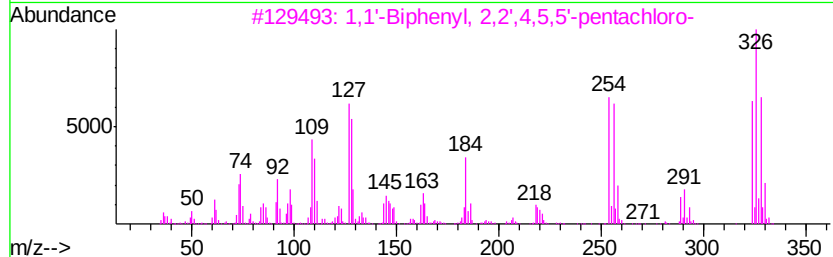
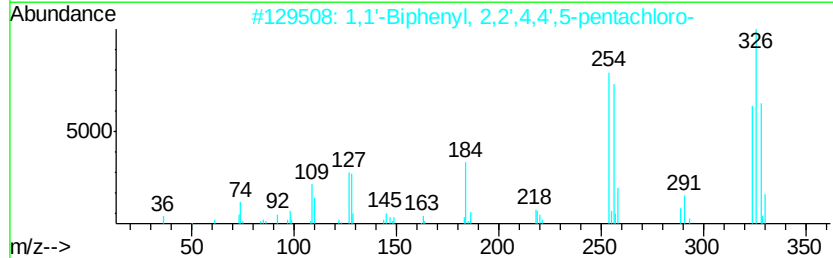
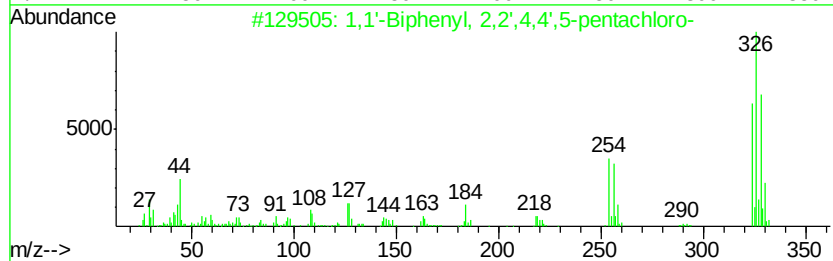
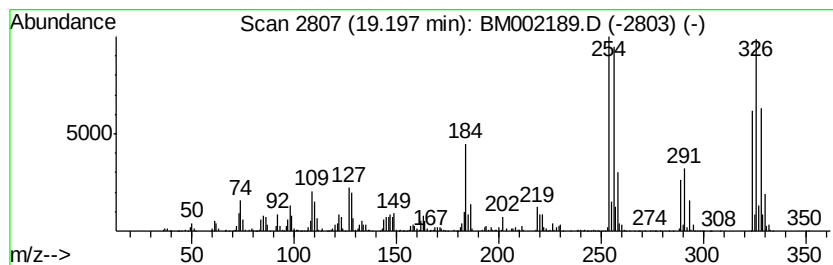
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	8.19 ng/ul	4563940	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
3		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
4		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
5		1,1'-Biphenyl, 2,3,3',4',6-Pentac...	324	C12H5Cl5	074472-35-8	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

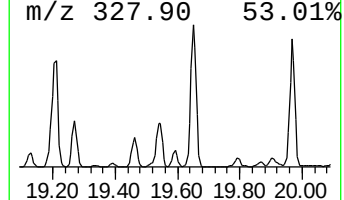
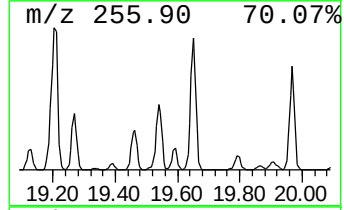
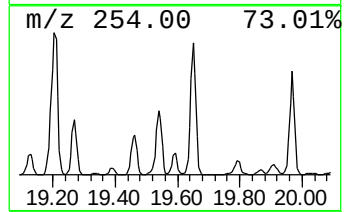
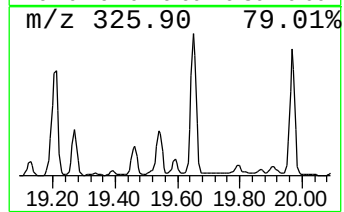
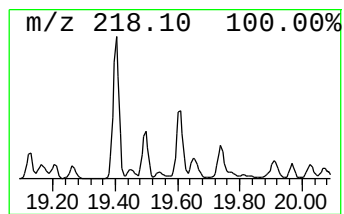
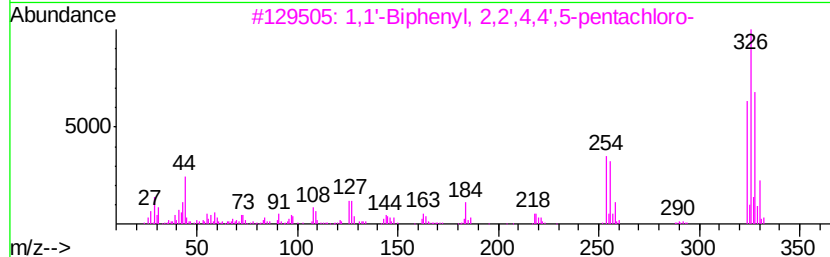
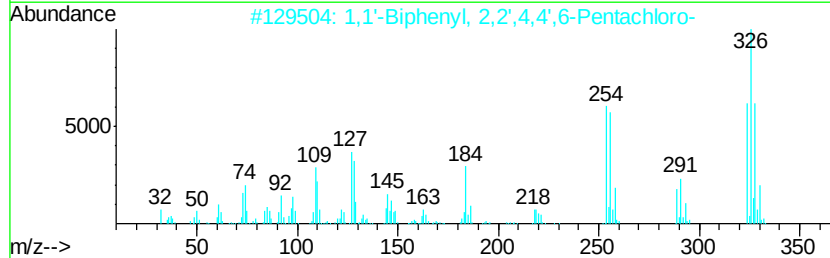
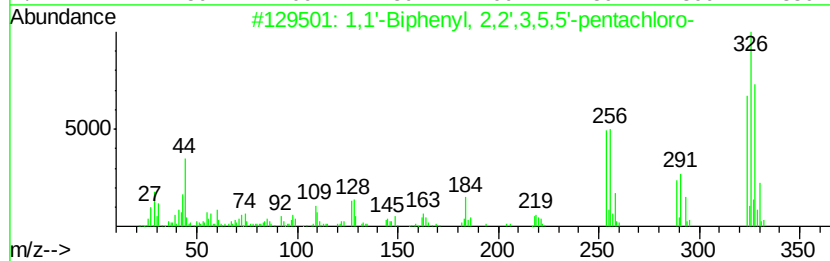
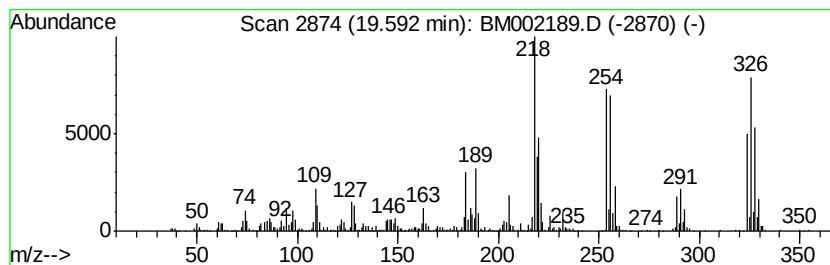
Instrument :
BNA_M
ClientSampled :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.59	2.45 ng/ul	1362380	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97
2	1,1'-Biphenyl,	2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	91
3	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	90
4	1,1'-Biphenyl,	2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	90
5	1,1'-Biphenyl,	2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

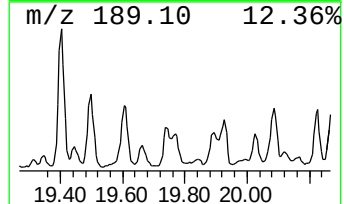
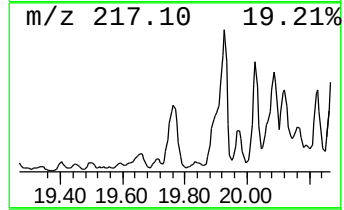
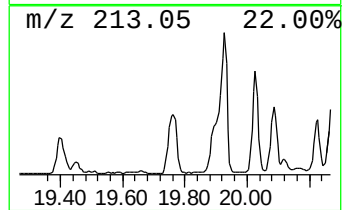
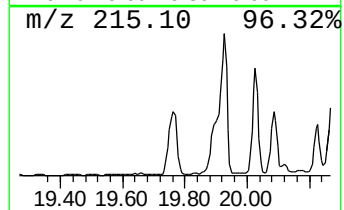
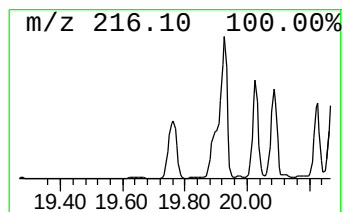
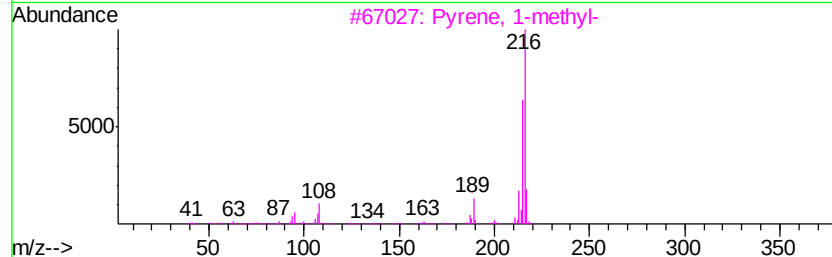
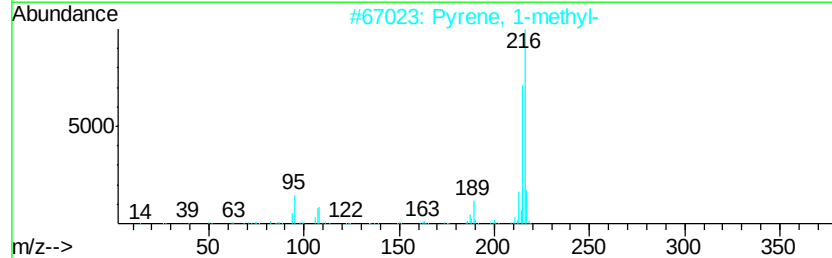
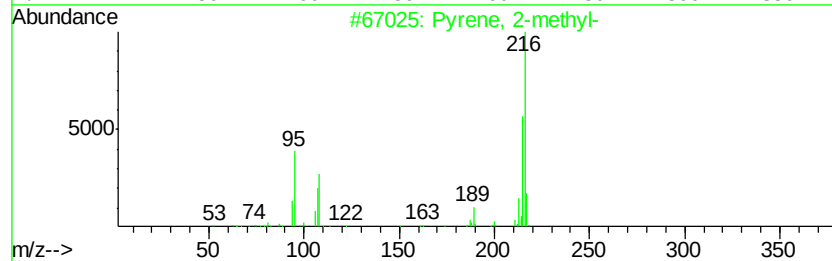
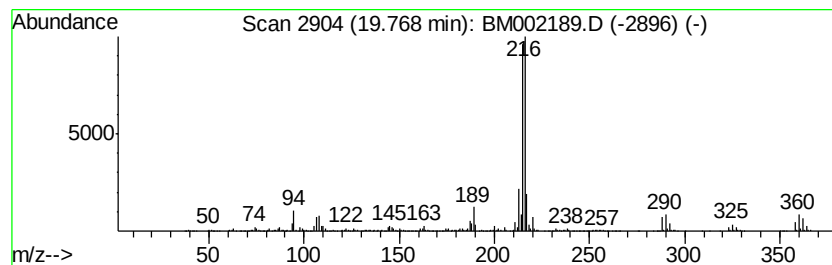
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 Pyrene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	4.55 ng/ul	2535840	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

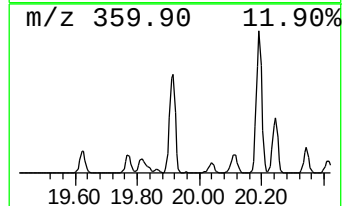
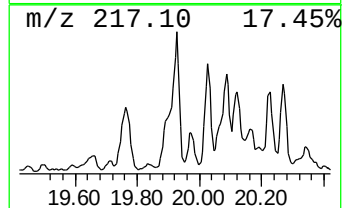
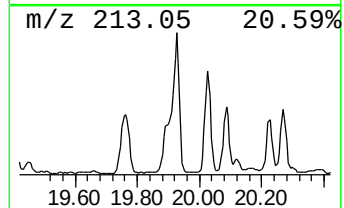
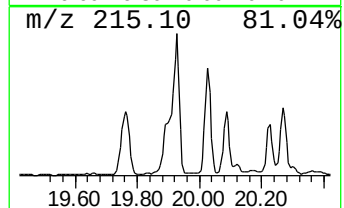
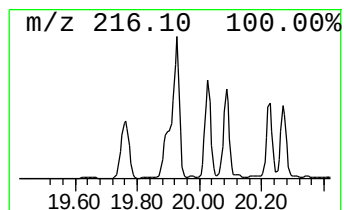
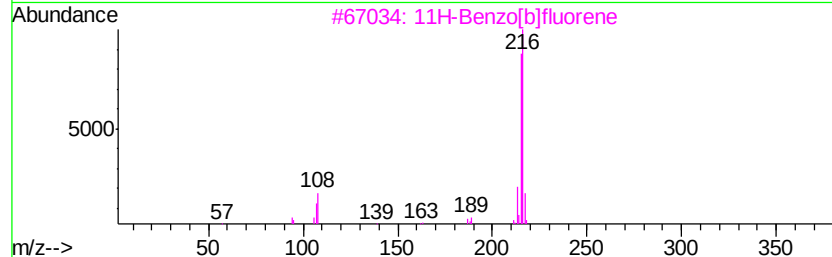
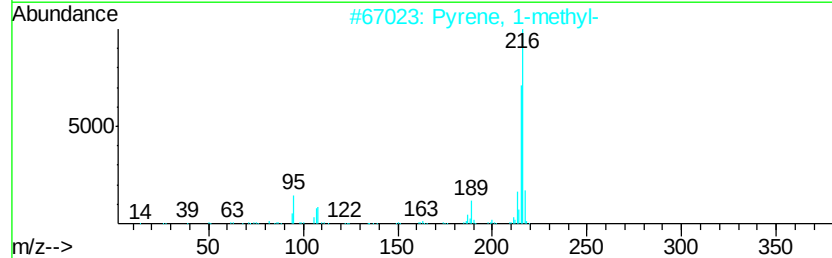
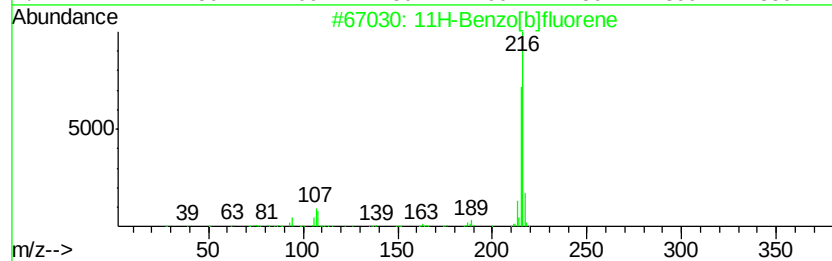
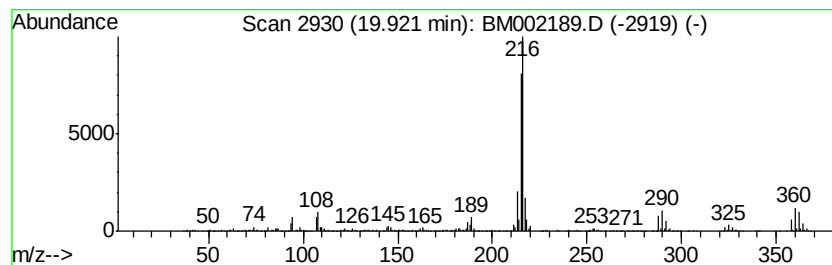
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	8.22 ng/ul	4581150	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 78
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 78
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 70
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 70
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

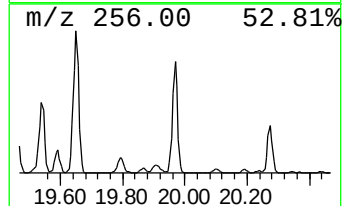
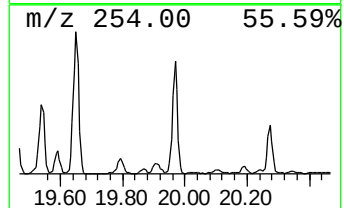
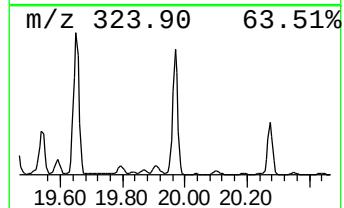
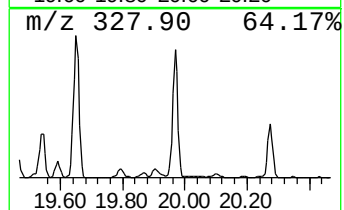
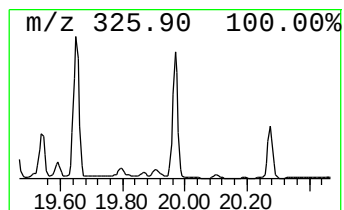
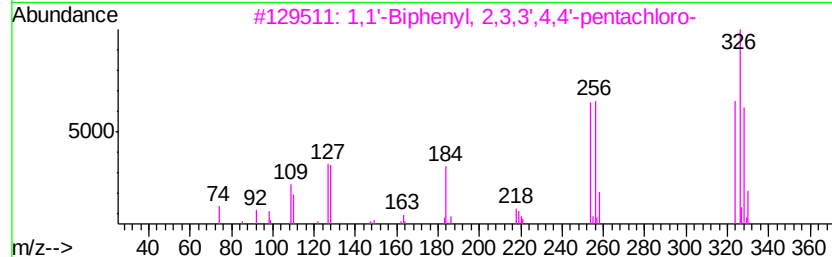
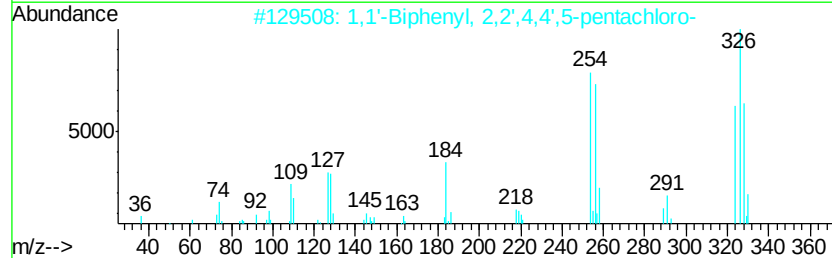
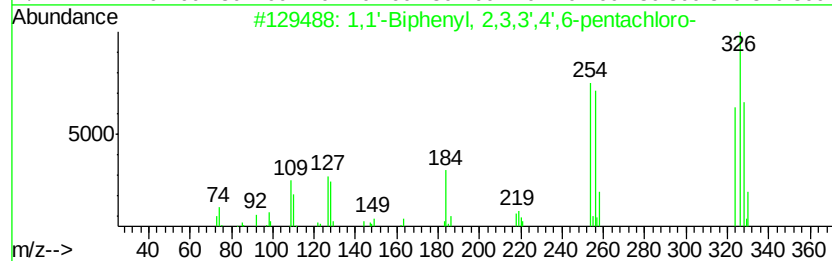
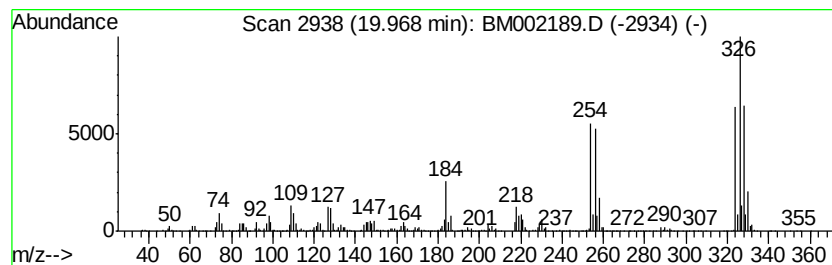
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 37 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	4.93 ng/ul	2746740	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
5		1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

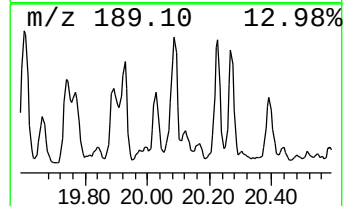
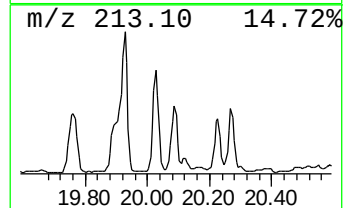
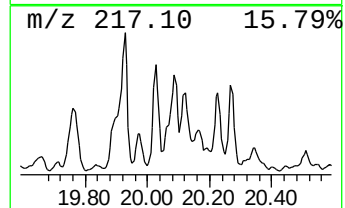
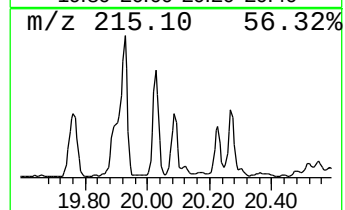
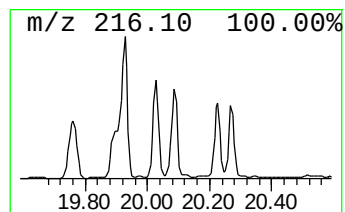
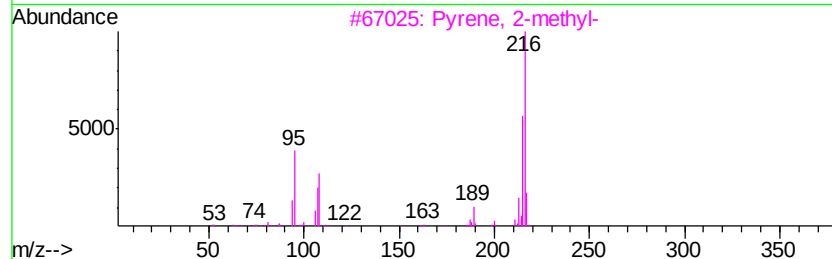
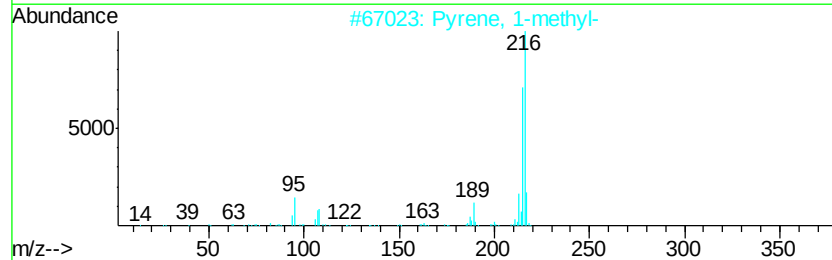
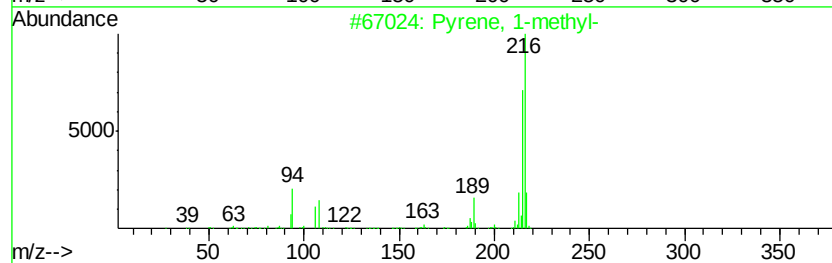
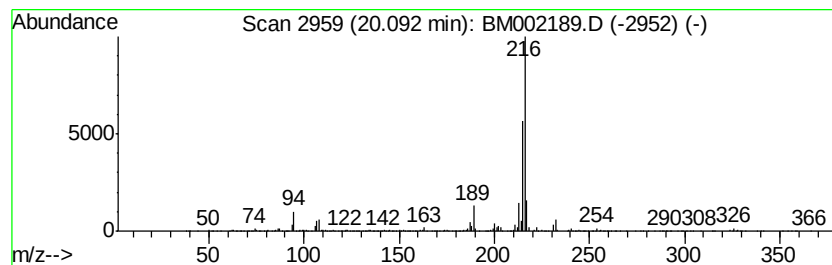
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 Pyrene, 1-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.96 ng/ul	1647370	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216 C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216 C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216 C17H12	033543-31-6	90
5	Pyrene, 2-methyl-	216 C17H12	003442-78-2	89



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

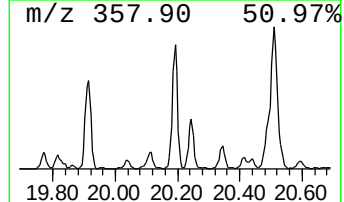
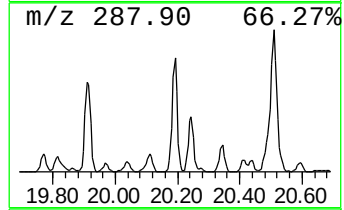
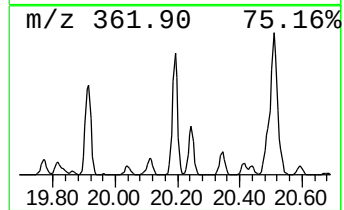
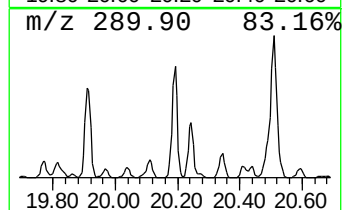
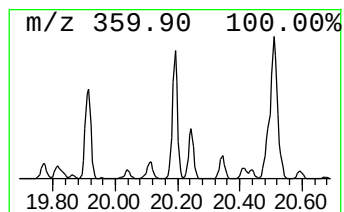
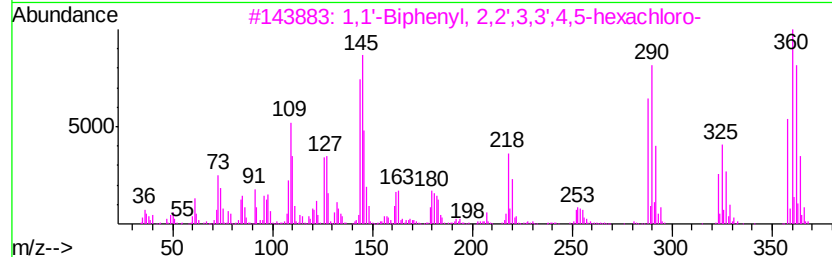
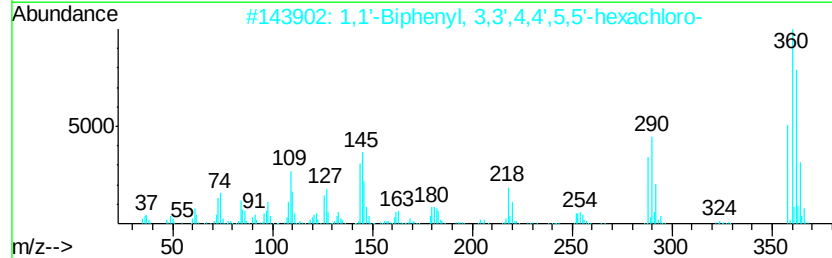
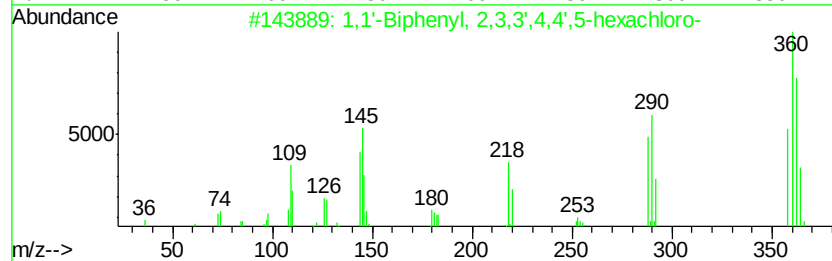
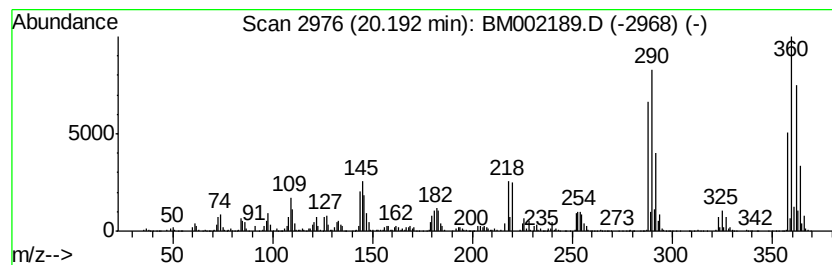
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 40 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	3.34 ng/ul	1861960	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	95
5		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

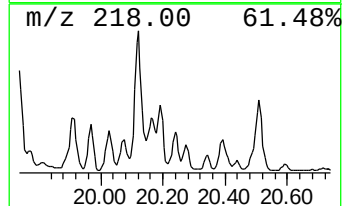
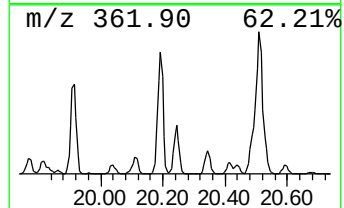
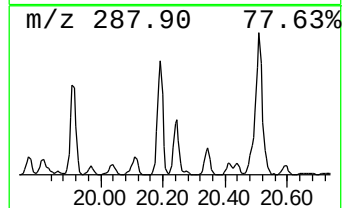
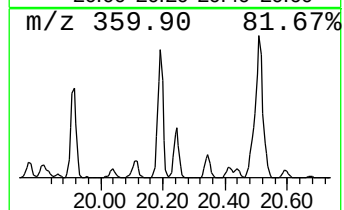
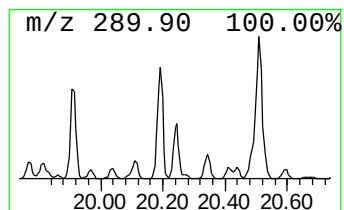
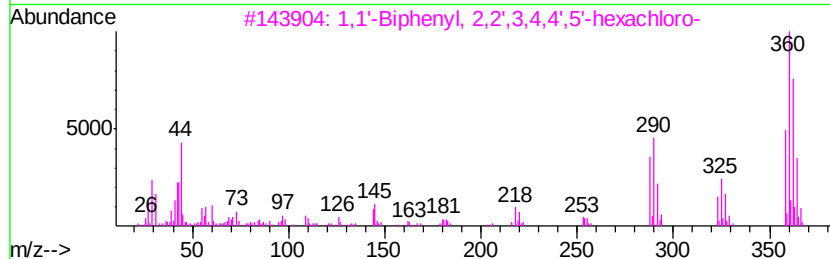
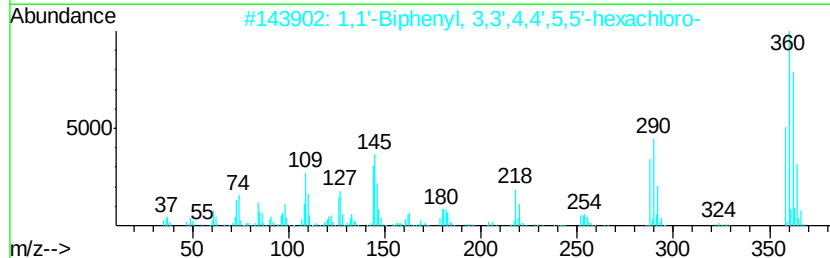
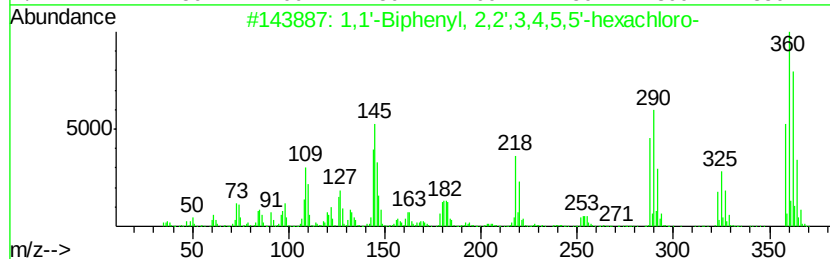
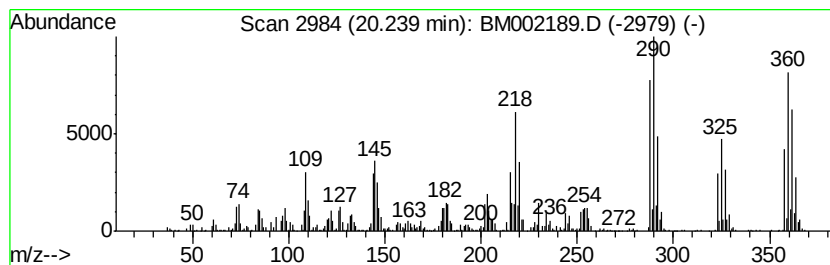
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 41 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	3.07 ng/ul	1707480	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5		1,1'-Biphenyl, 2,2',3,4,4',6'-Hex...	358	C12H4Cl6	056030-56-9	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

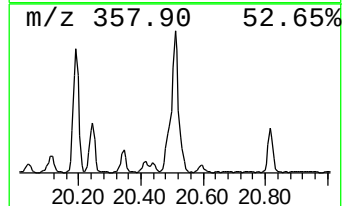
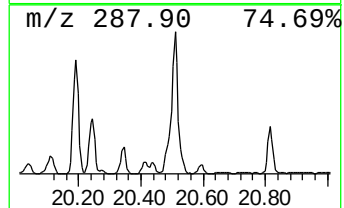
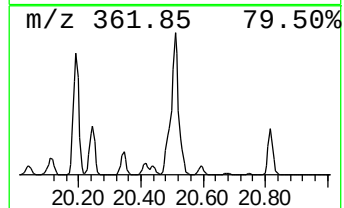
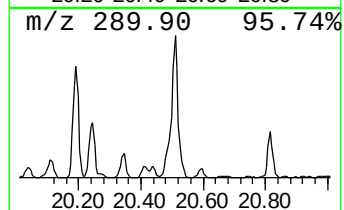
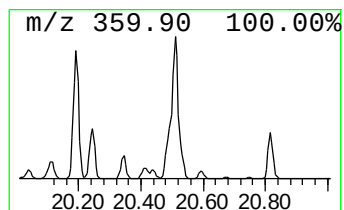
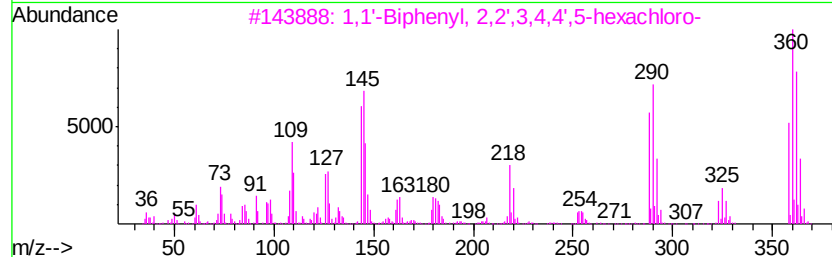
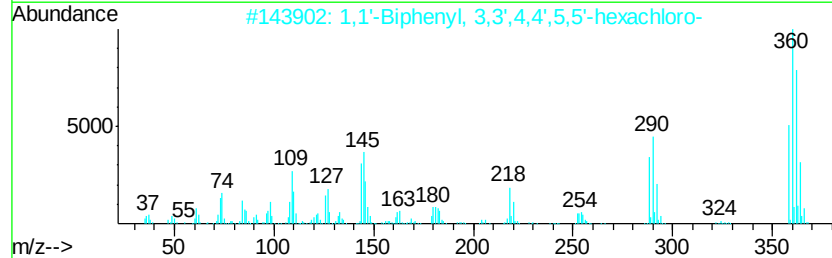
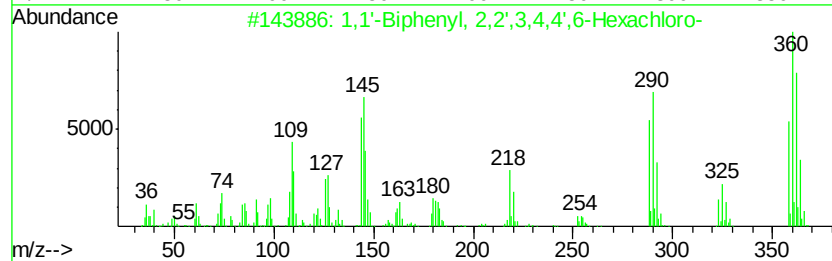
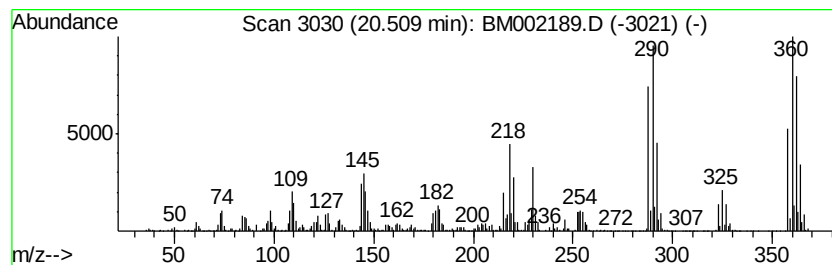
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 43 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.51	6.33 ng/ul	3528070	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
2	1,1'-Biphenyl,	3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl,	2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl,	2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl,	2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

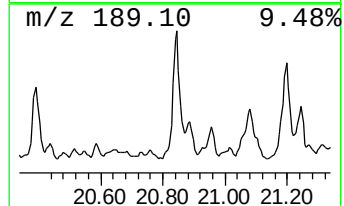
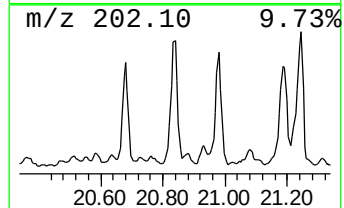
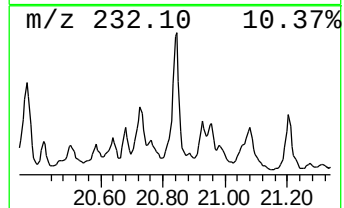
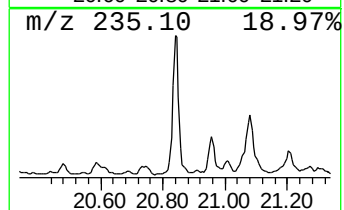
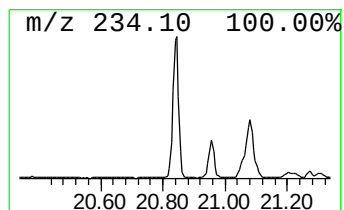
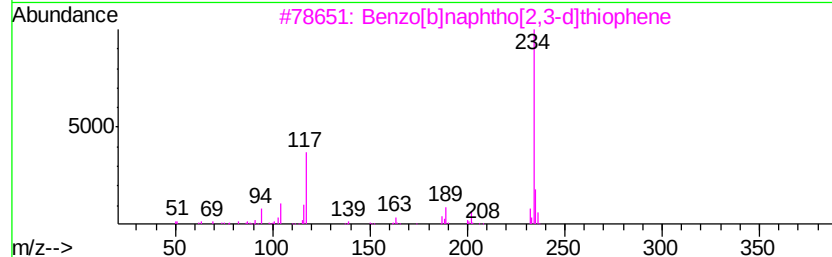
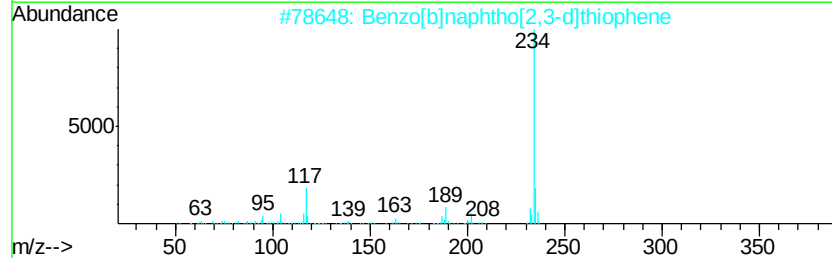
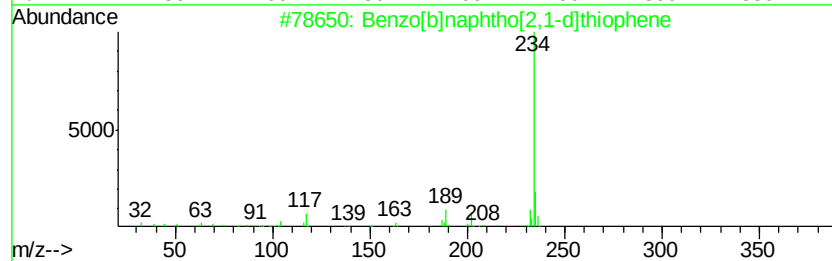
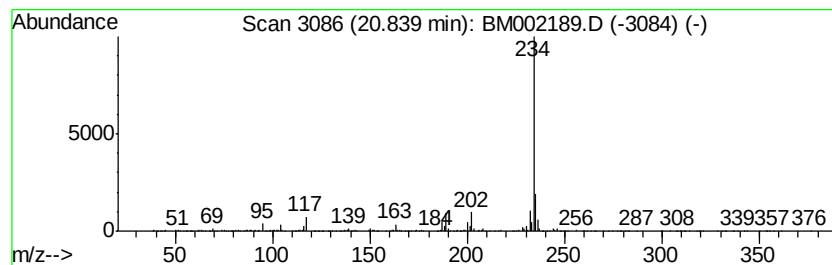
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 44 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.05 ng/ul	1696950	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

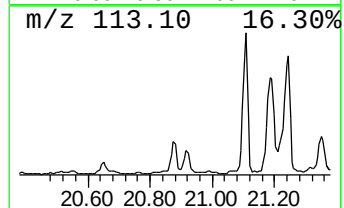
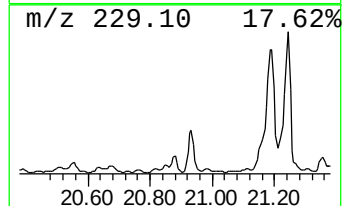
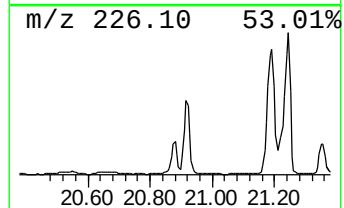
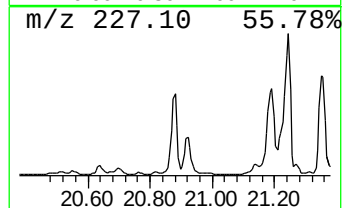
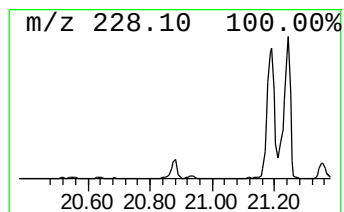
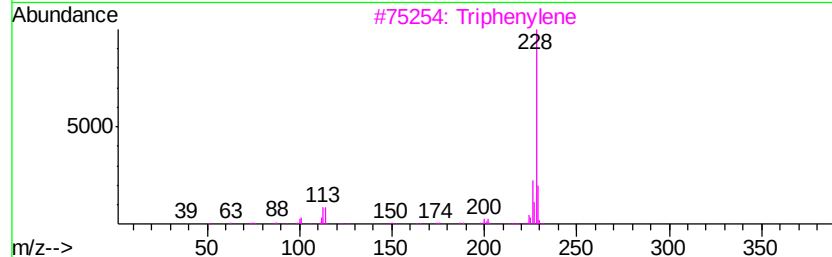
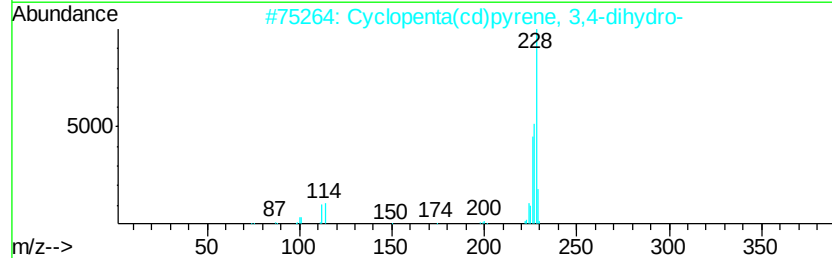
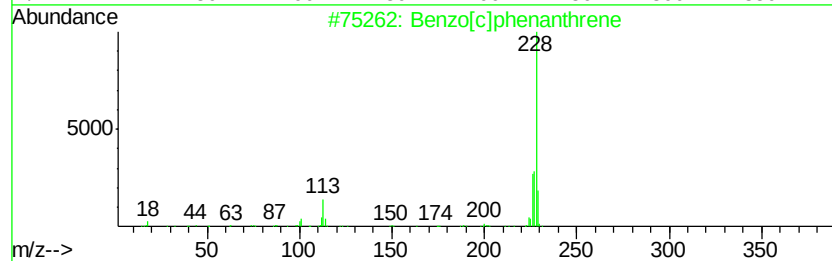
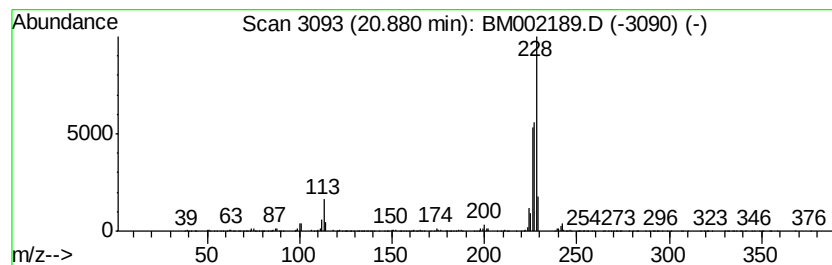
Instrument :
BNA_M
ClientSampleId :
C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 45 Benzo[c]phenanthrene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.52 ng/ul	1403940	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[c]phenanthrene	228 C18H12	000195-19-7	64
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228 C18H12	025732-74-5	64
3	Triphenylene	228 C18H12	000217-59-4	49
4	Triphenylene	228 C18H12	000217-59-4	49
5	Triphenylene	228 C18H12	000217-59-4	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

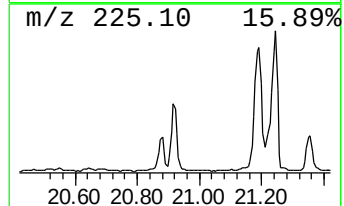
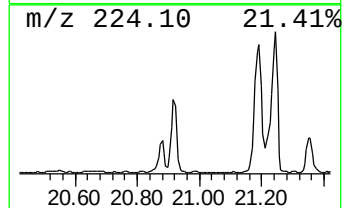
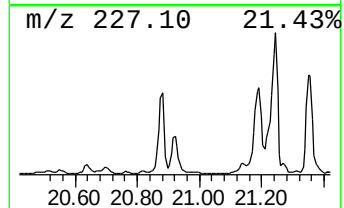
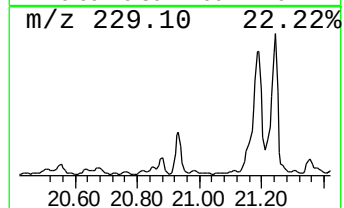
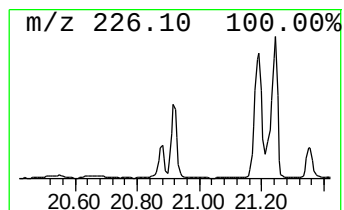
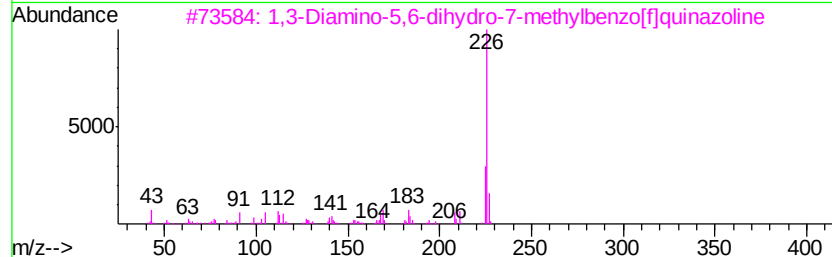
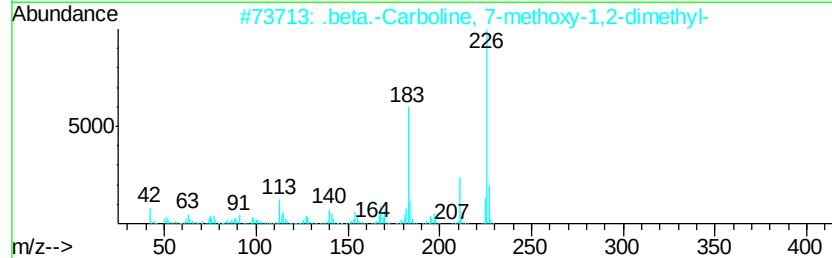
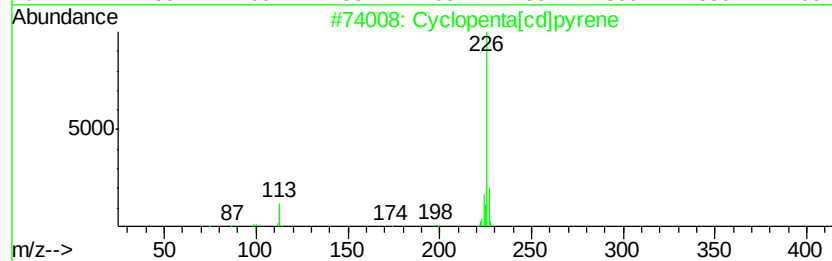
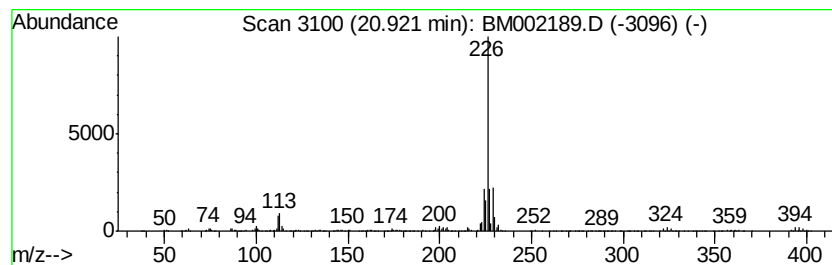
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 Cyclopenta[cd]pyrene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.95 ng/ul	1644190	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
3		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47
4		1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	47
5		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

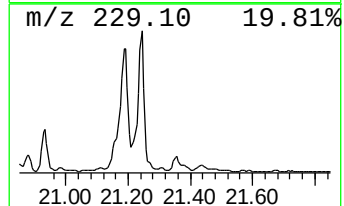
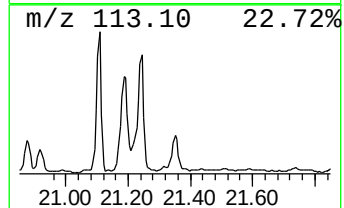
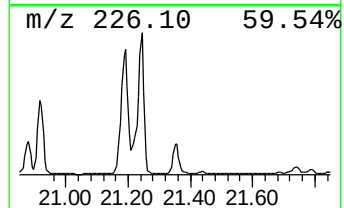
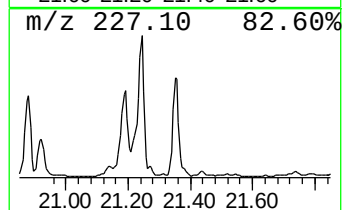
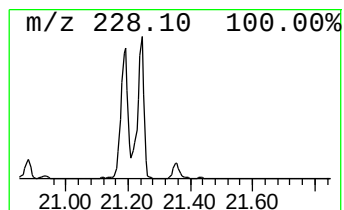
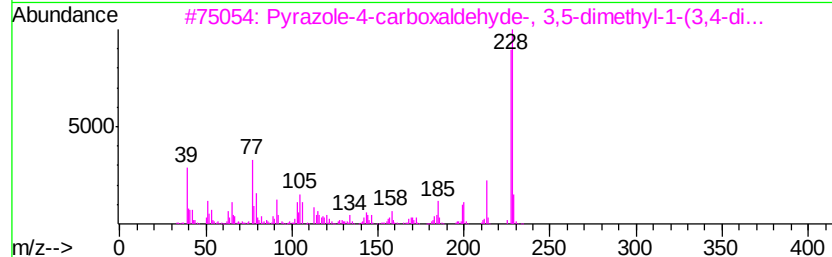
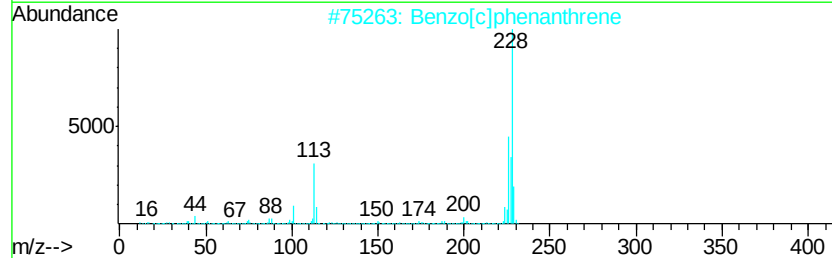
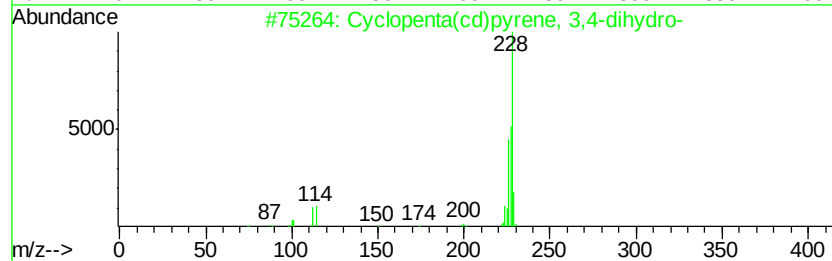
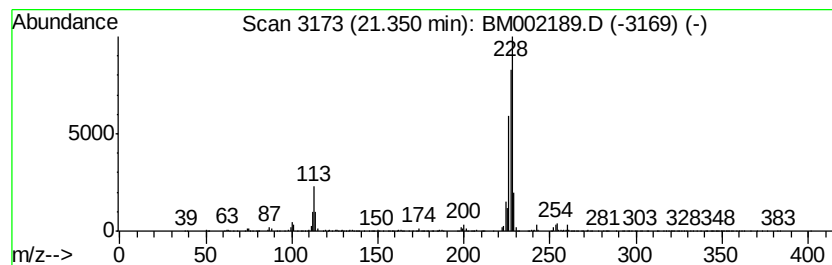
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 47 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	2.64 ng/ul	1472080	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	96
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3			Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4			Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	49
5			Triphenylene	228	C18H12	000217-59-4	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

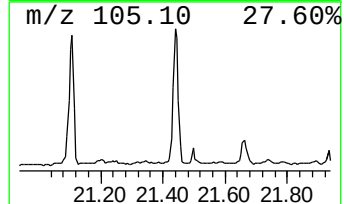
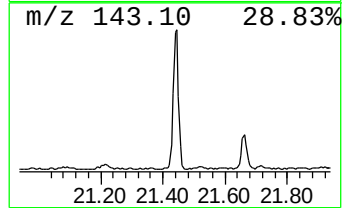
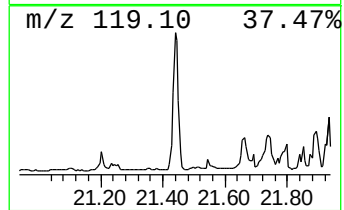
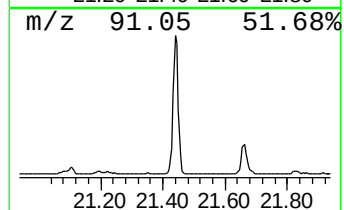
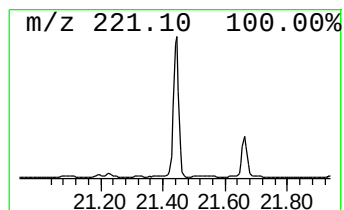
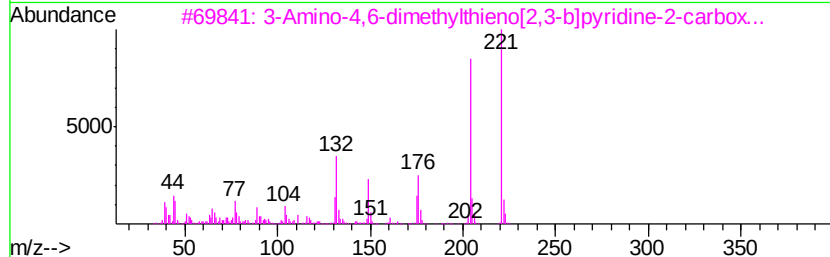
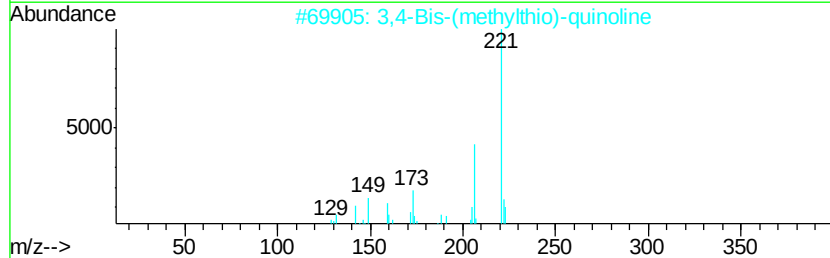
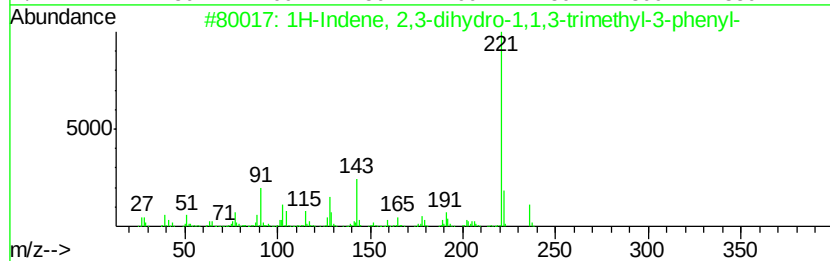
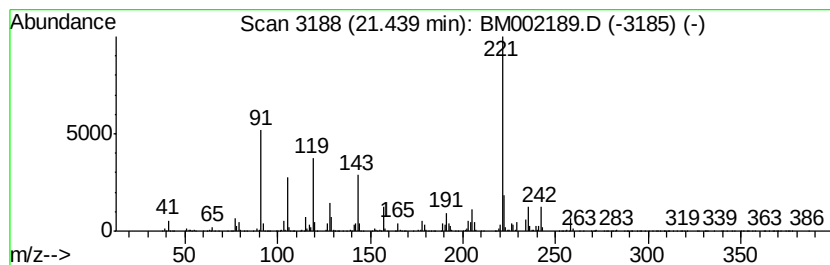
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 48 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.74 ng/ul	2082080	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	52
2		3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	50
3		3-Amino-4,6-dimethylthieno[2,3-b...	221	C10H11N3OS	067795-42-0	47
4		1,3-Cyclohexanedione, 2-[2-[4-(4...	401	C22H28FN3O3	339310-26-8	43
5		Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

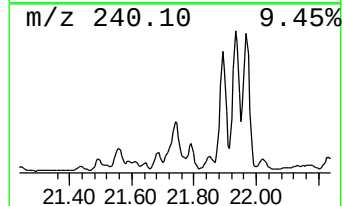
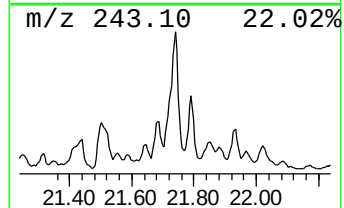
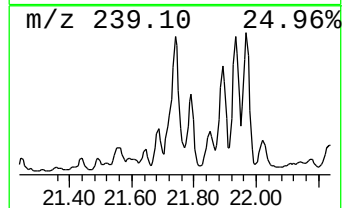
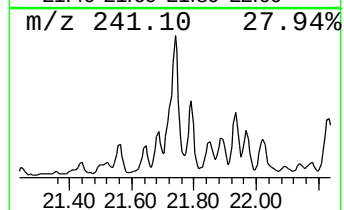
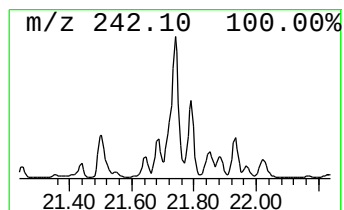
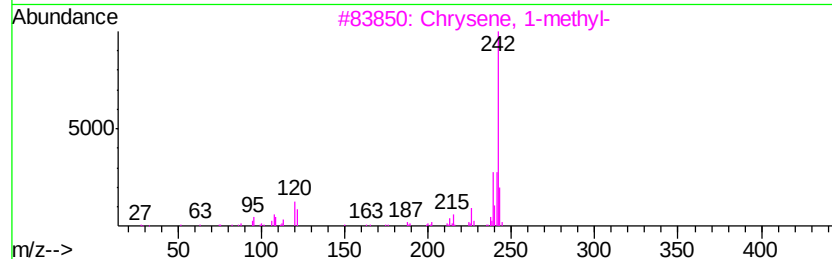
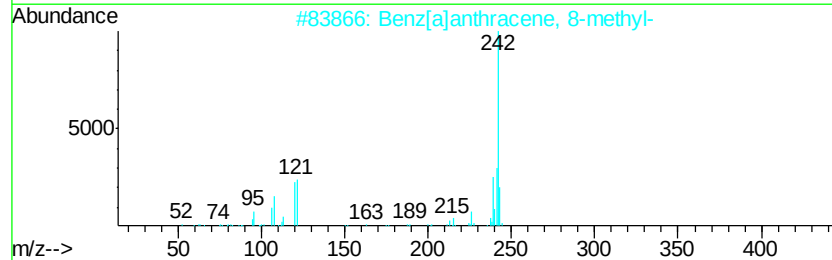
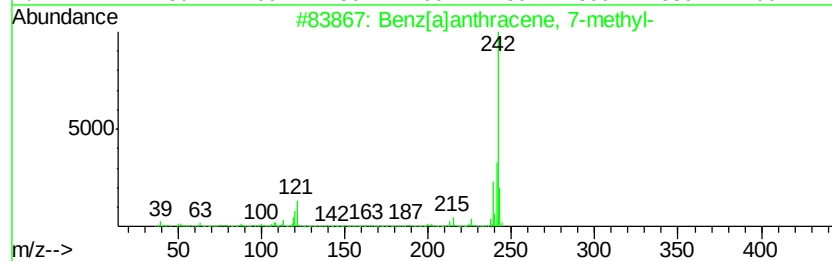
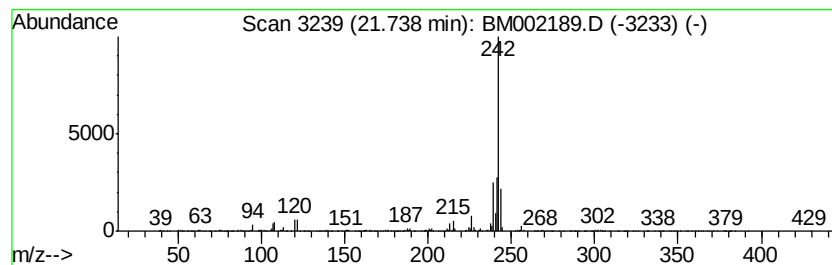
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 49 Benz[a]anthracene, 7-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.76 ng/ul	1535480	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
4			Chrysene, 2-methyl-	242	C19H14	003351-32-4	94
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002189.D
Acq On : 03 Aug 2015 03:20
Operator : TP
Sample : G3095-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M4

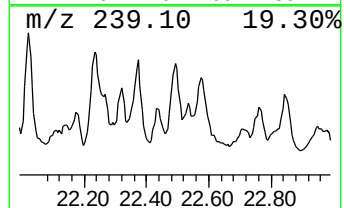
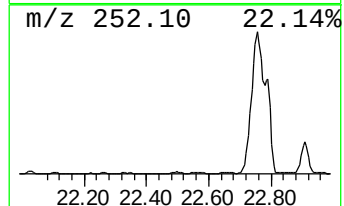
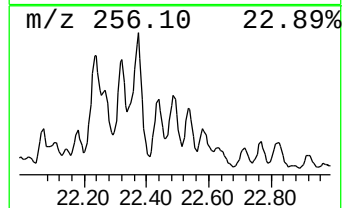
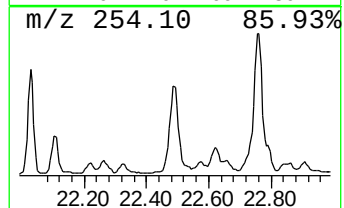
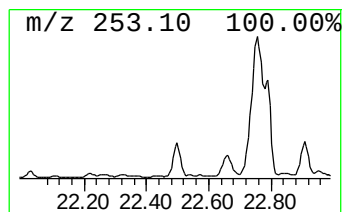
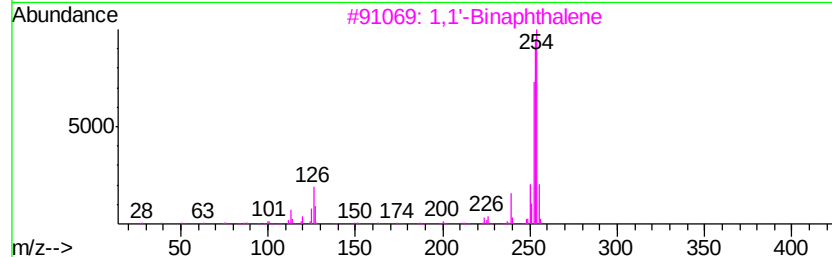
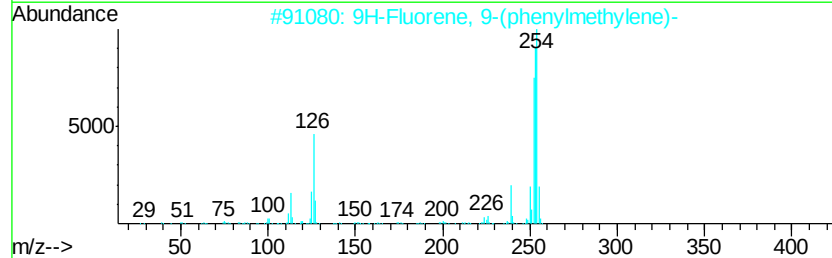
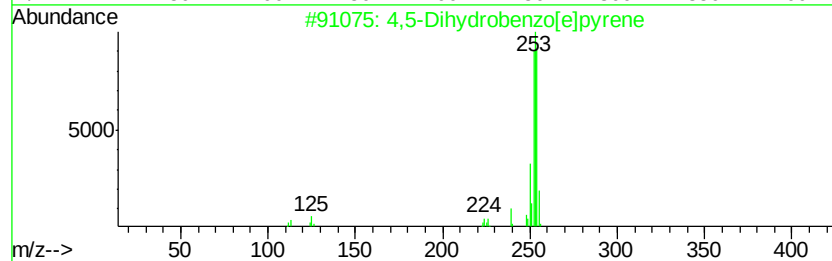
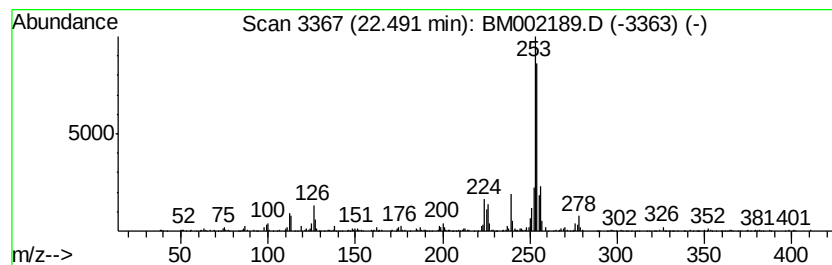
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 50 4,5-Dihydrobenzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	9.97 ng/ul	590779	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	81
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	76
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	64
4		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64
5		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	60



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002189.D
 Acq On : 03 Aug 2015 03:20
 Operator : TP
 Sample : G3095-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01M4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
Dibenzofuran, 4-m...	15.57	3.9	ng/ul	262891	3	14.23	1332980	20.0
2,4,6-Cycloheptat...	15.73	3.4	ng/ul	247026	4	16.99	1454460	20.0
9H-Fluorene, 2-me...	16.29	6.3	ng/ul	460605	4	16.99	1454460	20.0
9H-Fluorene, 1-me...	16.34	3.5	ng/ul	256106	4	16.99	1454460	20.0
Phenol, 4-(2-phen...	16.56	4.1	ng/ul	295614	4	16.99	1454460	20.0
9H-Fluoren-9-one	16.64	5.8	ng/ul	419443	4	16.99	1454460	20.0
Anthracene, 1,2,3...	16.73	5.4	ng/ul	391564	4	16.99	1454460	20.0
Dibenzothiophene	16.80	8.4	ng/ul	607919	4	16.99	1454460	20.0
Acridine	17.18	3.3	ng/ul	242829	4	16.99	1454460	20.0
Anthracene, 9-eth...	17.50	4.0	ng/ul	289270	4	16.99	1454460	20.0
Dibenzothiophene,...	17.56	8.1	ng/ul	589162	4	16.99	1454460	20.0
Dibenzothiophene,...	17.70	5.2	ng/ul	377118	4	16.99	1454460	20.0
Phenanthrene, 1-m...	17.86	25.3	ng/ul	1838600	4	16.99	1454460	20.0
1,1'-Biphenyl, 2,...	18.06	75.3	ng/ul	5478970	4	16.99	1454460	20.0
3-Methylcarbazole	18.17	3.4	ng/ul	249032	4	16.99	1454460	20.0
2-Phenylnapthalene	18.37	14.2	ng/ul	1030180	4	16.99	1454460	20.0
9,10-Anthracenedione	18.42	10.6	ng/ul	771413	4	16.99	1454460	20.0
1,1'-Biphenyl, 2,...	18.52	4.3	ng/ul	309102	4	16.99	1454460	20.0
Phenanthrene, 4,5...	18.62	6.3	ng/ul	461515	4	16.99	1454460	20.0
di-p-Tolylacetylene	18.67	4.2	ng/ul	307005	4	16.99	1454460	20.0
Phenanthrene, 2,5...	18.70	4.9	ng/ul	353942	4	16.99	1454460	20.0
1,1'-Biphenyl, 2,...	18.92	66.0	ng/ul	4797070	4	16.99	1454460	20.0
1,1'-Biphenyl, 2,...	19.00	7.1	ng/ul	516351	4	16.99	1454460	20.0
1,1'-Biphenyl, 2,...	19.20	8.2	ng/ul	4563940	5	21.20	11140000	20.0
1,1'-Biphenyl, 2,...	19.59	2.5	ng/ul	1362380	5	21.20	11140000	20.0
Pyrene, 2-methyl-	19.77	4.5	ng/ul	2535840	5	21.20	11140000	20.0
11H-Benzo[b]fluorene	19.92	8.2	ng/ul	4581150	5	21.20	11140000	20.0
1,1'-Biphenyl, 2,...	19.97	4.9	ng/ul	2746740	5	21.20	11140000	20.0
Pyrene, 1-methyl-	20.09	3.0	ng/ul	1647370	5	21.20	11140000	20.0
1,1'-Biphenyl, 2,...	20.19	3.3	ng/ul	1861960	5	21.20	11140000	20.0
1,1'-Biphenyl, 2,...	20.24	3.1	ng/ul	1707480	5	21.20	11140000	20.0
1,1'-Biphenyl, 2,...	20.51	6.3	ng/ul	3528070	5	21.20	11140000	20.0
Benzo[b]naphtho[2...	20.84	3.0	ng/ul	1696950	5	21.20	11140000	20.0
Benzo[c]phenanthrene	20.88	2.5	ng/ul	1403940	5	21.20	11140000	20.0
Cyclopenta[cd]pyrene	20.92	3.0	ng/ul	1644190	5	21.20	11140000	20.0
Cyclopenta(cd)pyr...	21.35	2.6	ng/ul	1472080	5	21.20	11140000	20.0
1H-Indene, 2,3-di...	21.44	3.7	ng/ul	2082080	5	21.20	11140000	20.0
Benz[a]anthracene...	21.74	2.8	ng/ul	1535480	5	21.20	11140000	20.0
4,5-Dihydrobenzo[...	22.49	10.0	ng/ul	590779	6	23.40	1184660	20.0