

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
 Data File : BG018084.D
 Acq On : 24 Jul 2015 2:42
 Operator : TP/UM
 Sample : G3035-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01K6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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	6.695	677	682	688	rVV	101100	152998	4.94%	0.269%
2	6.854	705	709	716	rVB	79598	124569	4.02%	0.219%
3	7.048	736	742	749	rVB	117872	177802	5.74%	0.313%
4	7.512	815	821	828	rBV	201945	312110	10.08%	0.549%
5	8.229	937	943	951	rBV	136325	211399	6.82%	0.372%
6	8.334	955	961	968	rVB	63085	104831	3.38%	0.185%
7	8.663	1012	1017	1027	rVB	99734	161609	5.22%	0.284%
8	9.386	1133	1140	1147	rBV	67255	106715	3.44%	0.188%
9	9.921	1224	1231	1237	rBV	150753	242331	7.82%	0.427%
10	10.291	1288	1294	1299	rBV	340639	561469	18.12%	0.988%
11	10.344	1299	1303	1312	rVB	64191	101380	3.27%	0.178%
12	10.438	1312	1319	1330	rBV	109370	186758	6.03%	0.329%
13	13.599	1852	1857	1861	rVV	282192	390744	12.61%	0.688%
14	13.646	1861	1865	1870	rVV	155157	204977	6.62%	0.361%
15	13.869	1895	1903	1916	rBV	288702	464709	15.00%	0.818%
16	14.180	1946	1956	1962	rVV2	526714	811910	26.21%	1.429%
17	14.245	1962	1967	1976	rVV	164790	240164	7.75%	0.423%
18	14.398	1988	1993	2004	rBV2	78028	125239	4.04%	0.220%
19	14.580	2020	2024	2032	rVV	85682	132334	4.27%	0.233%
20	15.179	2121	2126	2131	rBV	378935	515911	16.65%	0.908%
21	15.232	2131	2135	2141	rVB	191695	255813	8.26%	0.450%
22	16.754	2390	2394	2402	rVB	99653	155326	5.01%	0.273%
23	16.936	2419	2425	2428	rBV	601023	869341	28.06%	1.530%
24	16.977	2428	2432	2437	rVV	1520149	2135518	68.94%	3.759%
25	17.036	2437	2442	2445	rVV2	373992	577523	18.64%	1.017%
26	17.065	2445	2447	2452	rVV	337354	418643	13.51%	0.737%
27	17.118	2452	2456	2463	rVB3	73459	125001	4.04%	0.220%
28	17.341	2490	2494	2499	rVB	131178	174984	5.65%	0.308%
29	17.541	2521	2528	2534	rVB3	131441	315121	10.17%	0.555%
30	17.665	2544	2549	2555	rVB3	82645	143040	4.62%	0.252%
31	17.811	2567	2574	2578	rVV	219449	376765	12.16%	0.663%
32	17.858	2578	2582	2590	rVV	301792	448999	14.49%	0.790%
33	17.941	2591	2596	2602	rVV2	93564	165504	5.34%	0.291%
34	18.011	2602	2608	2612	rVV3	517436	918636	29.65%	1.617%

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35	18.046	2612	2614	2617	rVV	157186	183660	5.93%	0.323%
36	18.076	2617	2619	2623	rVB	107571	106077	3.42%	0.187%
37	18.117	2623	2626	2630	rBV	73783	92163	2.98%	0.162%
38	18.229	2640	2645	2648	rBV5	74387	113639	3.67%	0.200%
39	18.317	2654	2660	2664	rBV2	173613	398355	12.86%	0.701%
40	18.358	2664	2667	2672	rVB4	74514	122697	3.96%	0.216%
41	18.417	2673	2677	2680	rBV4	48001	75936	2.45%	0.134%
42	18.481	2685	2688	2695	rVB3	86958	114300	3.69%	0.201%
43	18.569	2699	2703	2708	rVB	276779	371455	11.99%	0.654%
44	18.704	2722	2726	2729	rBV2	74433	105715	3.41%	0.186%
45	18.746	2729	2733	2737	rVB	105354	150864	4.87%	0.266%
46	18.798	2738	2742	2746	rBV4	111512	176002	5.68%	0.310%
47	18.875	2751	2755	2764	rVB2	741493	1062443	34.30%	1.870%
48	19.010	2772	2778	2783	rVB	1991041	2616412	84.46%	4.606%
49	19.075	2784	2789	2799	rBV3	499570	803974	25.95%	1.415%
50	19.163	2799	2804	2809	rBV	946106	1187950	38.35%	2.091%
51	19.227	2811	2815	2817	rBV3	125320	151806	4.90%	0.267%
52	19.345	2830	2835	2837	rBV3	743250	1067735	34.47%	1.879%
53	19.374	2837	2840	2845	rVB	1653260	2114312	68.25%	3.722%
54	19.504	2858	2862	2866	rVV	179173	213114	6.88%	0.375%
55	19.551	2867	2870	2873	rVV	116962	163899	5.29%	0.289%
56	19.609	2877	2880	2886	rVB2	611488	803042	25.92%	1.414%
57	19.733	2897	2901	2905	rVB	500158	581133	18.76%	1.023%
58	19.780	2905	2909	2915	rVB3	241413	431475	13.93%	0.760%
59	19.838	2915	2919	2920	rBV3	72700	97214	3.14%	0.171%
60	19.874	2920	2925	2930	rVB	1886695	2425838	78.31%	4.270%
61	19.927	2930	2934	2938	rBV	311370	378851	12.23%	0.667%
62	19.974	2938	2942	2945	rBV	236593	287236	9.27%	0.506%
63	20.003	2945	2947	2949	rVV3	98956	112455	3.63%	0.198%
64	20.032	2949	2952	2955	rVV2	161682	202587	6.54%	0.357%
65	20.073	2955	2959	2963	rVB	282170	360453	11.64%	0.634%
66	20.156	2968	2973	2978	rBV2	2103963	2492131	80.45%	4.387%
67	20.209	2978	2982	2993	rVB3	638769	959687	30.98%	1.689%
68	20.308	2993	2999	3007	rBV4	634987	1033288	33.36%	1.819%
69	20.402	3012	3015	3019	rBV4	137428	171044	5.52%	0.301%
70	20.473	3019	3027	3033	rBV	1471836	2584931	83.44%	4.550%
71	20.520	3033	3035	3040	rVB5	102129	110193	3.56%	0.194%

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72	20.620	3048	3052	3058	rVB	913379	1075366	34.71%	1.893%
73	20.685	3059	3063	3066	rBV	397413	466342	15.05%	0.821%
74	20.779	3075	3079	3084	rBV2	314249	589469	19.03%	1.038%
75	20.837	3084	3089	3092	rVV2	515378	765351	24.71%	1.347%
76	20.890	3093	3098	3101	rVV4	718532	1073243	34.65%	1.889%
77	20.943	3104	3107	3113	rVB	415082	527497	17.03%	0.929%
78	21.002	3113	3117	3119	rBV	212502	261326	8.44%	0.460%
79	21.025	3119	3121	3126	rVV2	175208	234807	7.58%	0.413%
80	21.072	3126	3129	3132	rVV	510133	585849	18.91%	1.031%
81	21.131	3135	3139	3144	rVV3	1293265	2601532	83.98%	4.579%
82	21.178	3144	3147	3154	rVB	2661140	3097797	100.00%	5.453%
83	21.296	3164	3167	3169	rBV	147599	188973	6.10%	0.333%
84	21.484	3190	3199	3204	rBV3	755247	1201204	38.78%	2.114%
85	21.536	3205	3208	3213	rVB3	268996	310172	10.01%	0.546%
86	21.607	3216	3220	3223	rVV2	241711	312233	10.08%	0.550%
87	21.654	3225	3228	3230	rVV	152299	193145	6.23%	0.340%
88	21.677	3230	3232	3237	rVB2	201237	257764	8.32%	0.454%
89	21.736	3239	3242	3246	rVB	157111	186350	6.02%	0.328%
90	21.795	3248	3252	3256	rBV3	278754	398982	12.88%	0.702%
91	21.871	3263	3265	3268	rBV	72288	78794	2.54%	0.139%
92	21.942	3274	3277	3281	rBV5	186719	290517	9.38%	0.511%
93	22.153	3310	3313	3317	rVB5	197804	236772	7.64%	0.417%
94	22.676	3396	3402	3407	rBV	668187	1512694	48.83%	2.663%
95	22.841	3427	3430	3435	rVB	98251	131793	4.25%	0.232%
96	23.140	3477	3481	3486	rBV	283601	473479	15.28%	0.833%
97	23.193	3486	3490	3493	rVV2	227506	353926	11.43%	0.623%
98	23.234	3493	3497	3504	rVB	566901	1051835	33.95%	1.851%
99	23.334	3508	3514	3519	rBV	472793	818054	26.41%	1.440%
100	25.538	3882	3889	3901	rVB	255399	700766	22.62%	1.234%

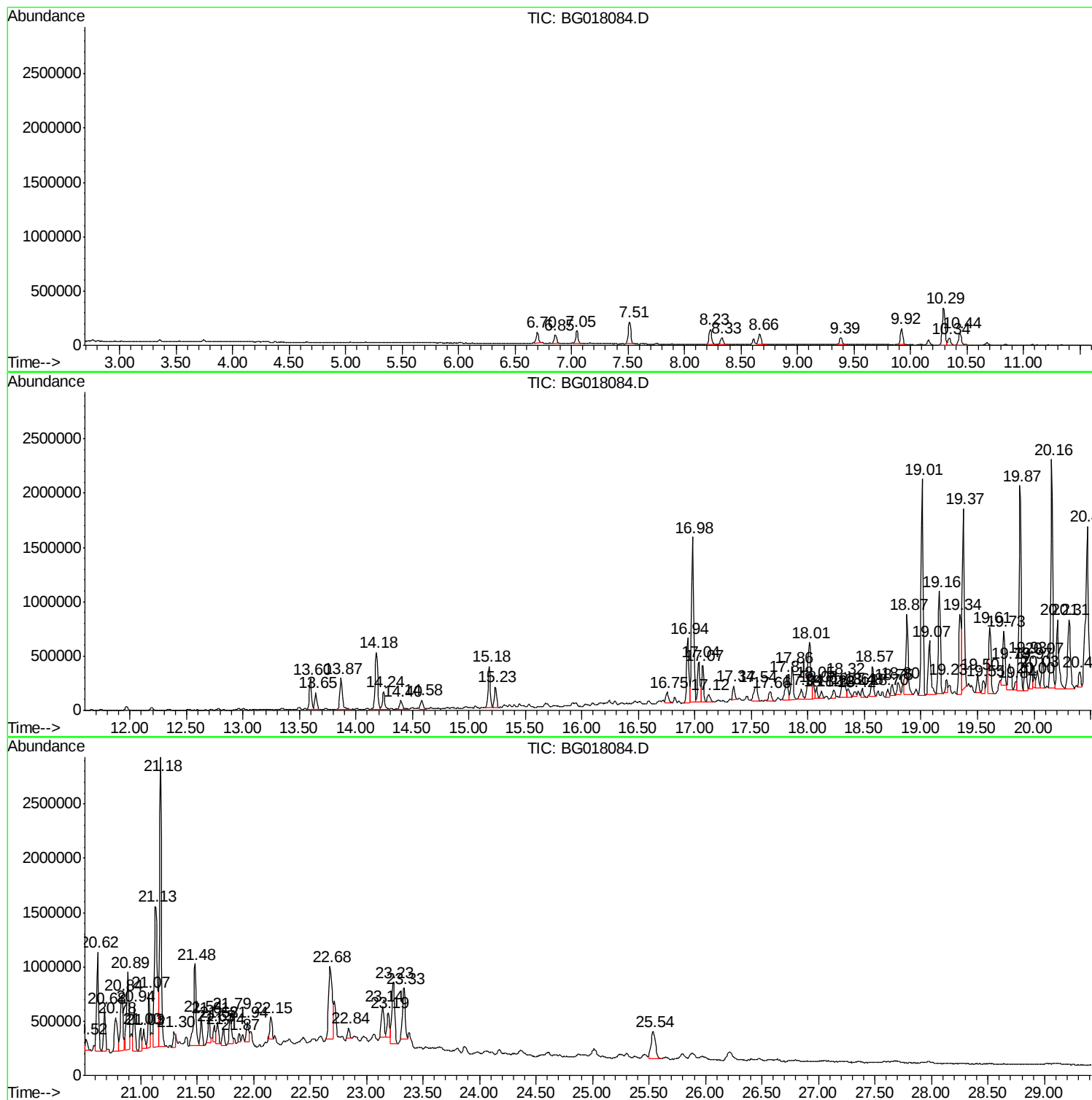
Sum of corrected areas: 56810271

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



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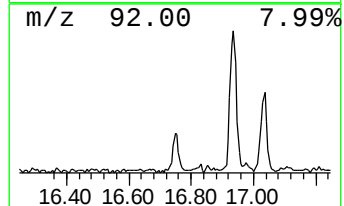
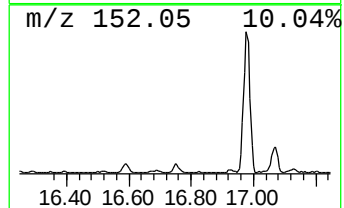
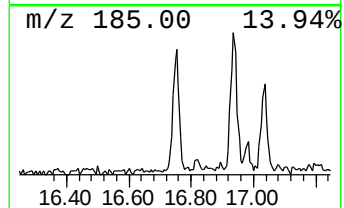
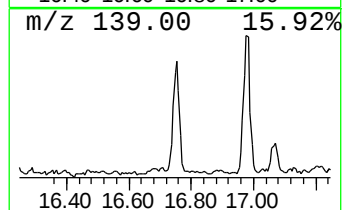
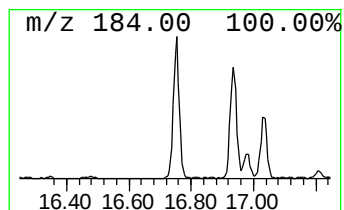
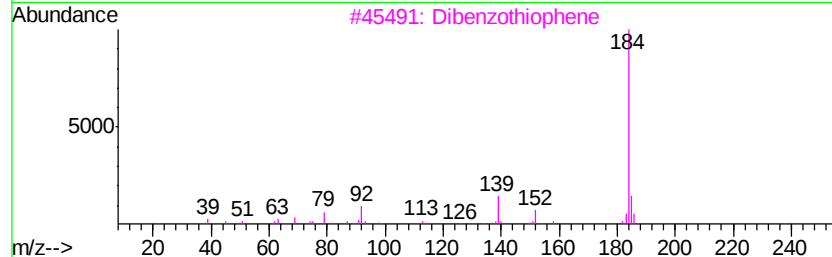
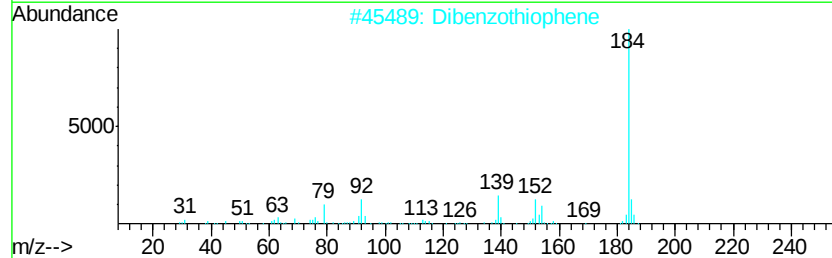
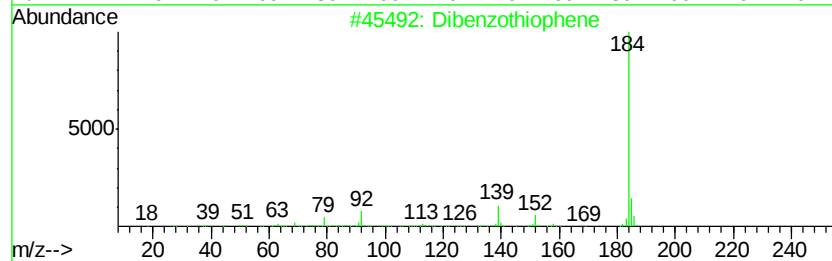
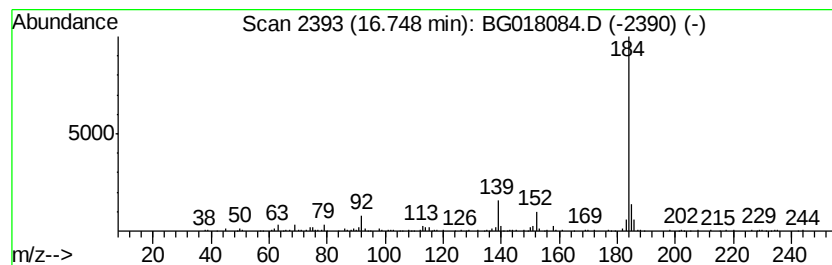
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzothiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	3.57 ng/ul	155326	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Dibenzothiophene	184	C12H8S	000132-65-0	91



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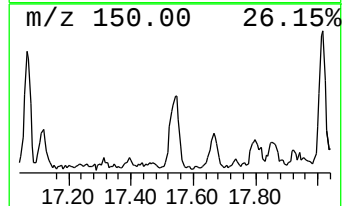
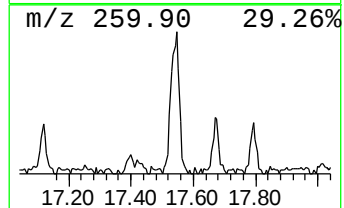
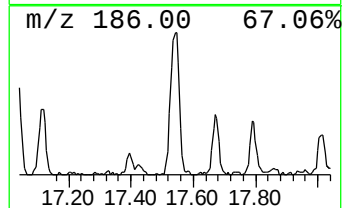
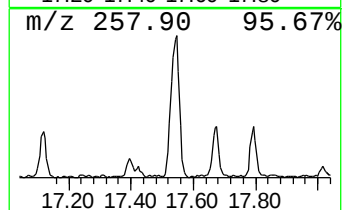
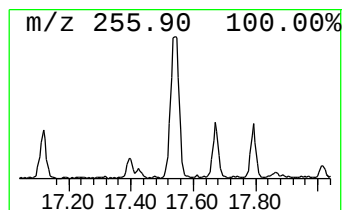
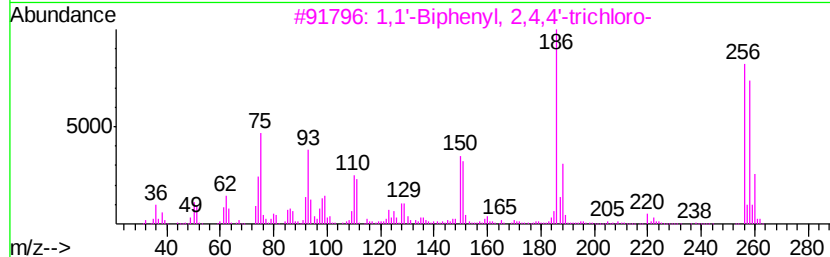
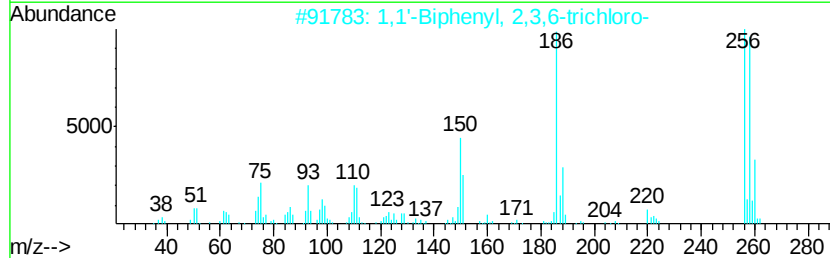
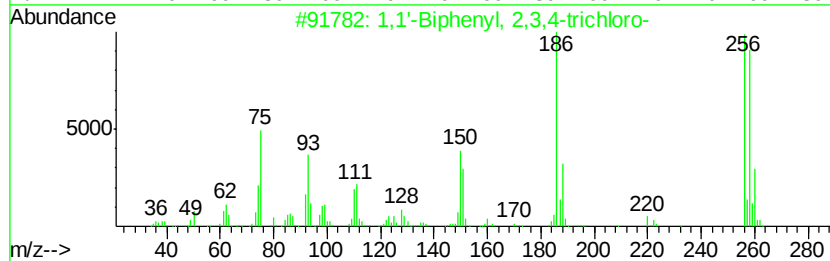
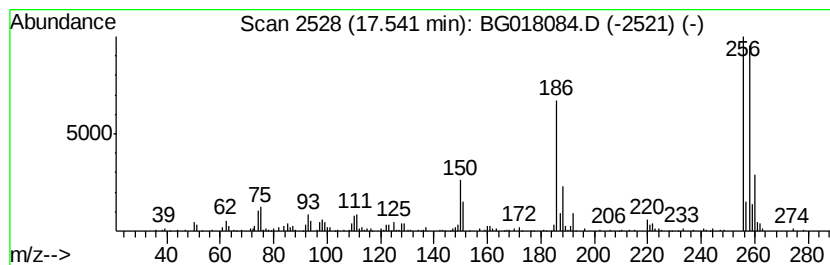
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Peak Number 2 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	7.25 ng/ul	315121	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
2			1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
3			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5			1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99



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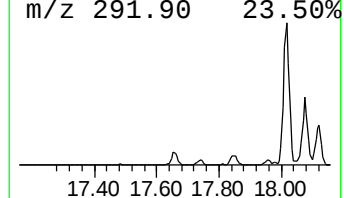
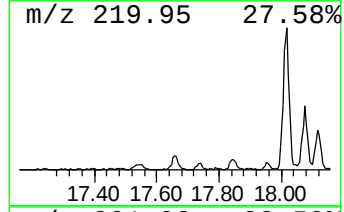
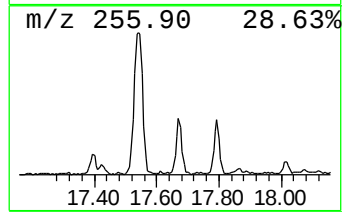
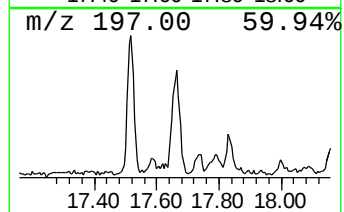
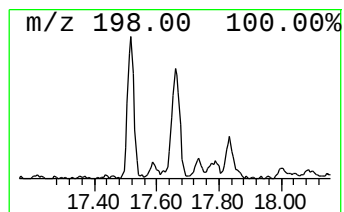
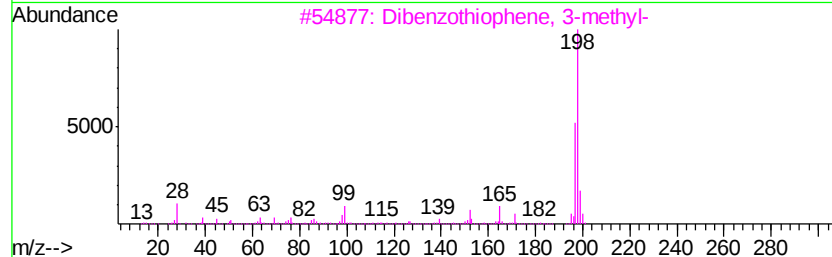
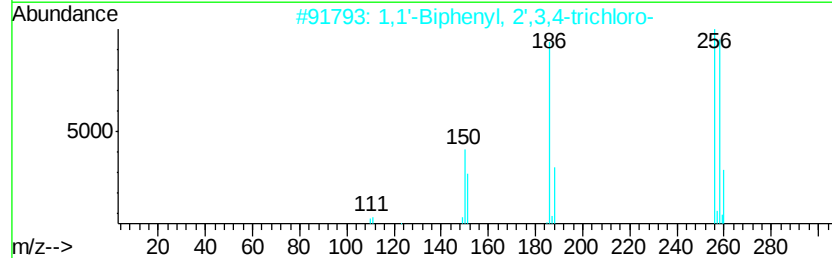
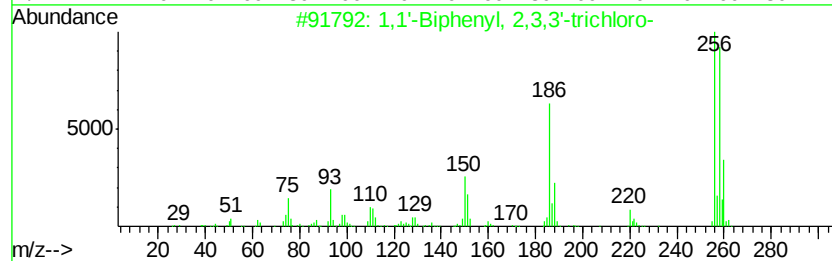
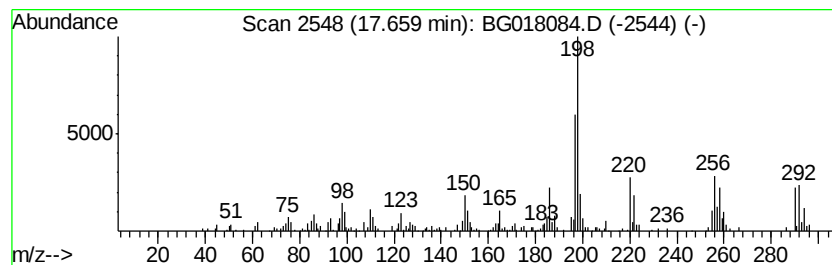
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	3.29 ng/ul	143040	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	93
2		1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	83
3		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	51
4		1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	50
5		1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

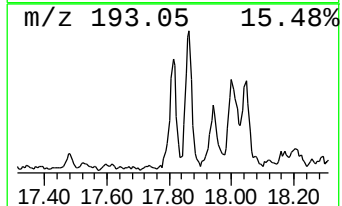
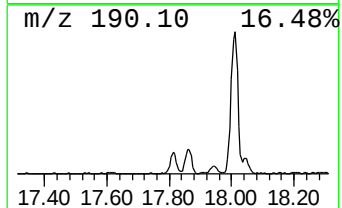
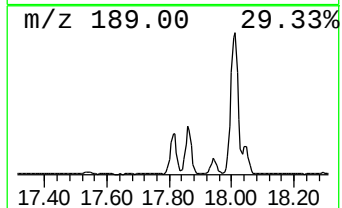
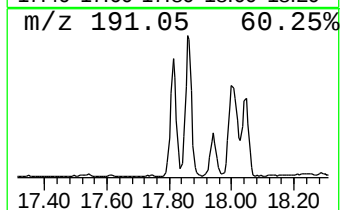
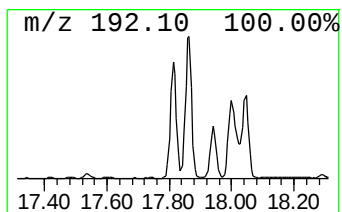
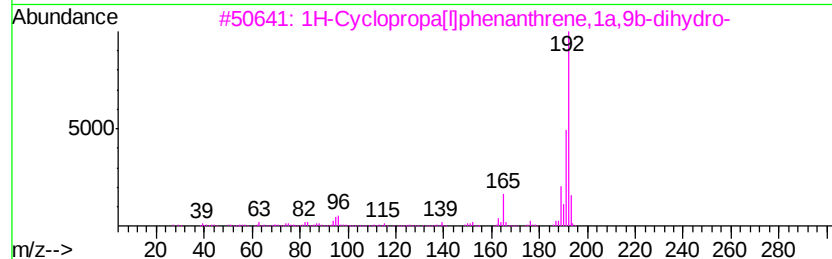
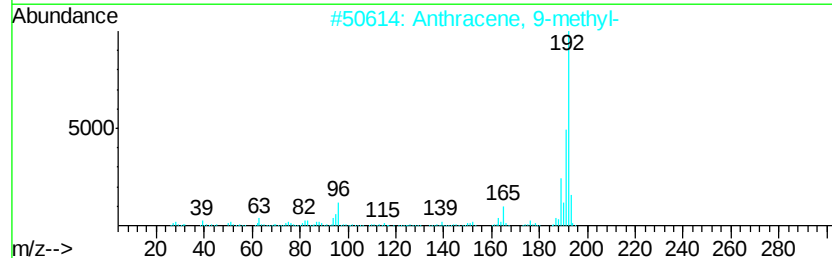
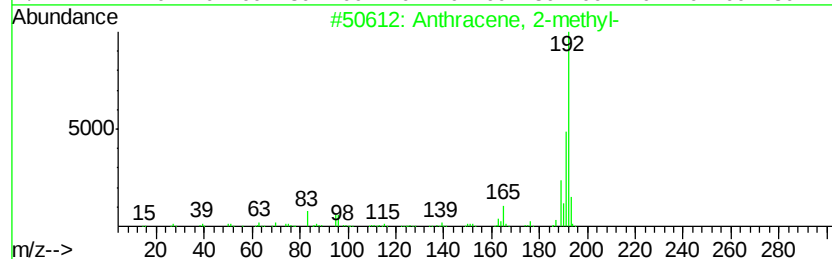
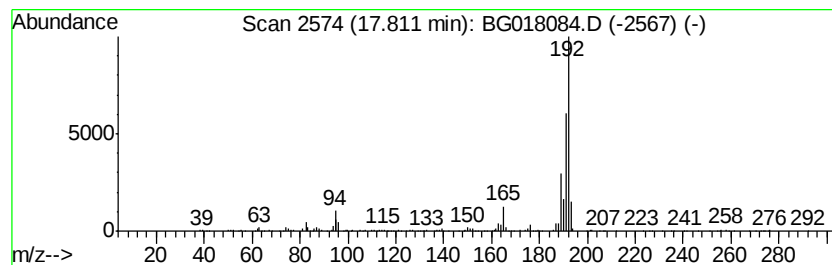
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.81	8.67 ng/ul	376765	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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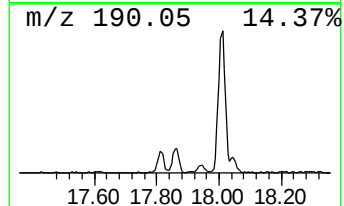
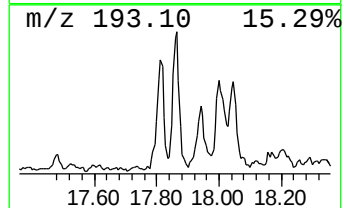
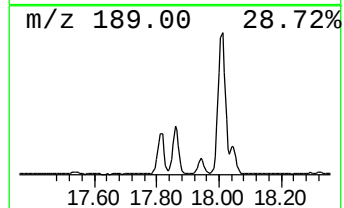
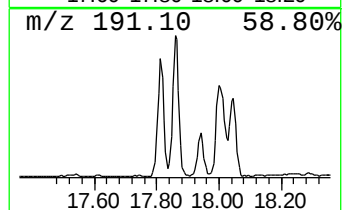
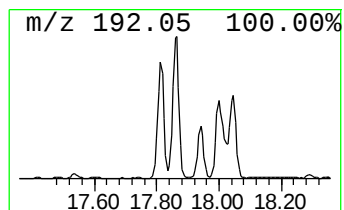
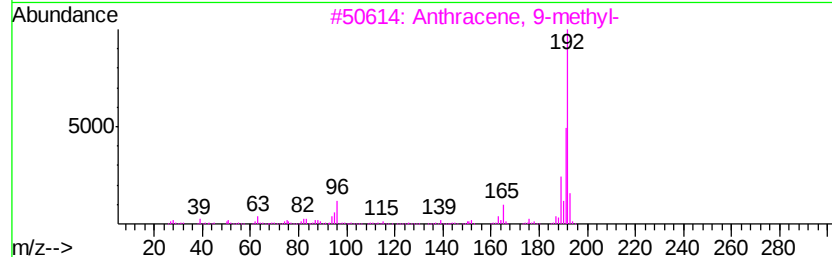
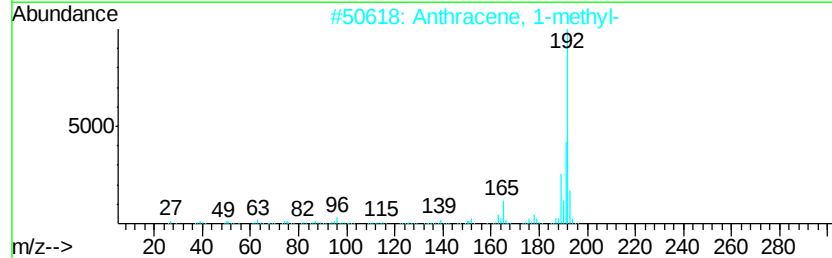
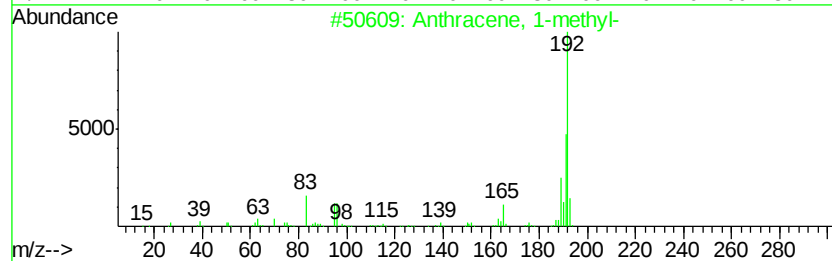
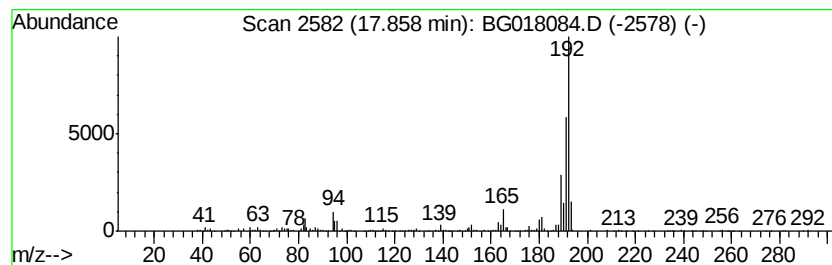
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	10.33 ng/ul	448999	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



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Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
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Sample : G3035-18
Misc :
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Instrument :
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ClientSampleId :
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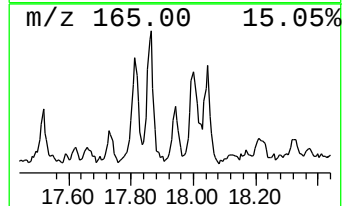
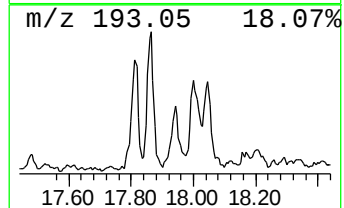
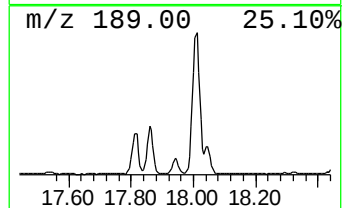
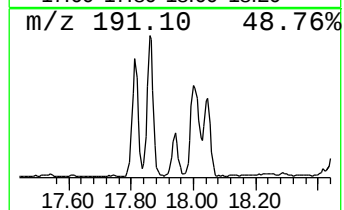
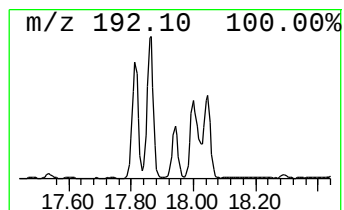
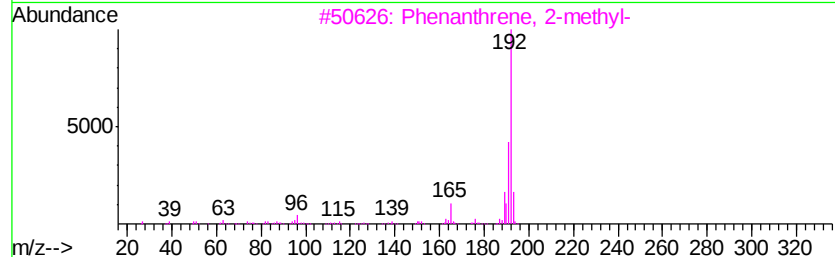
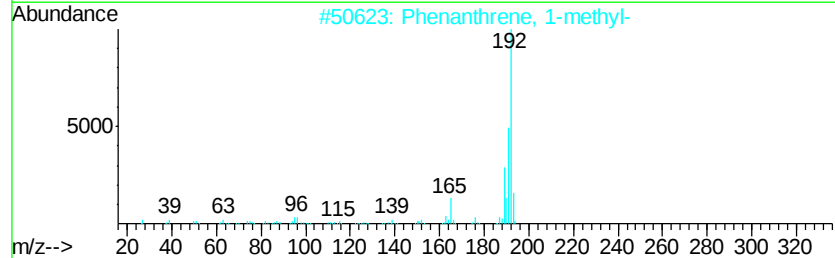
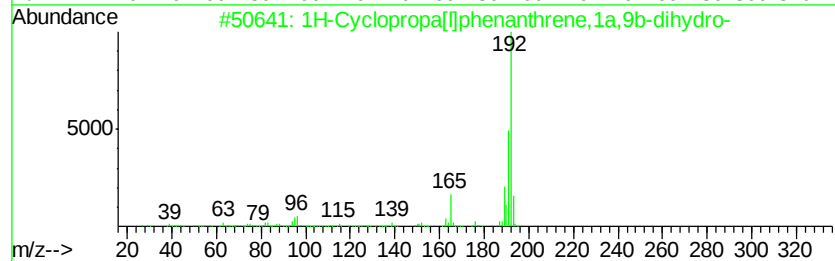
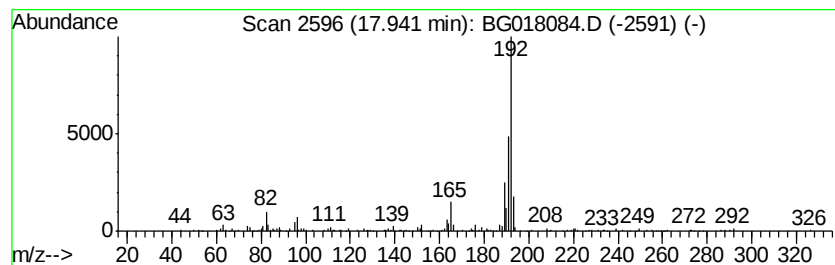
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.81 ng/ul	165504	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
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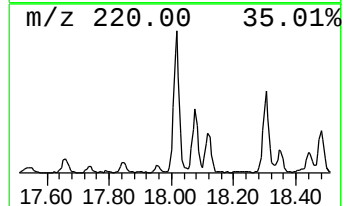
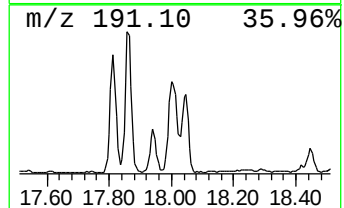
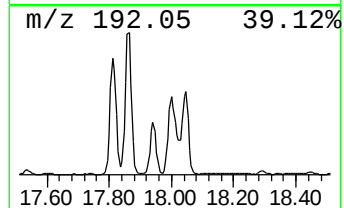
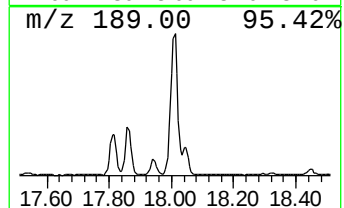
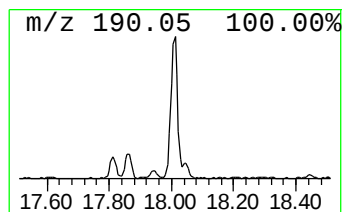
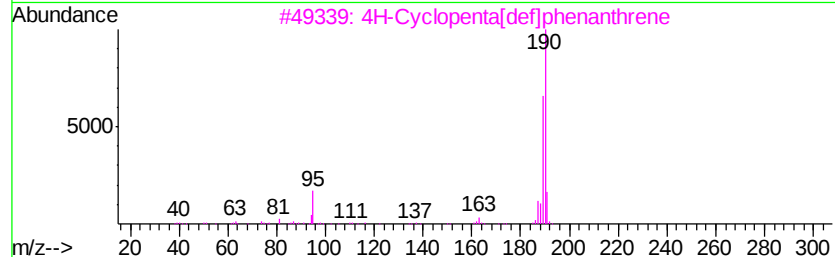
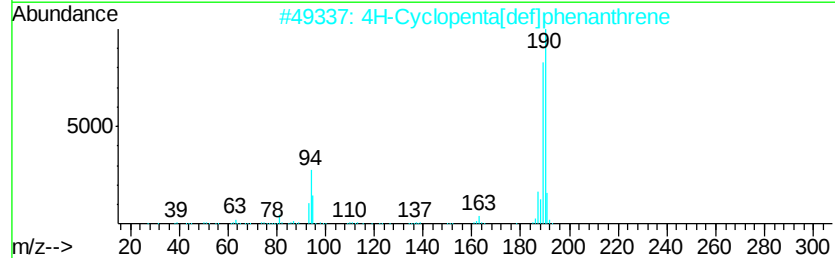
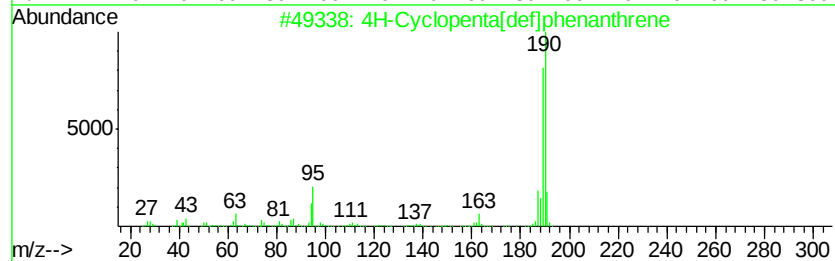
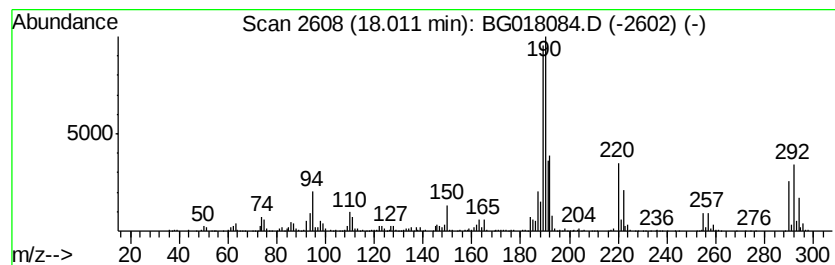
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	21.13 ng/ul	918636	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
5		4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	23



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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Acq On : 24 Jul 2015 2:42
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Sample : G3035-18
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ALS Vial : 25 Sample Multiplier: 1

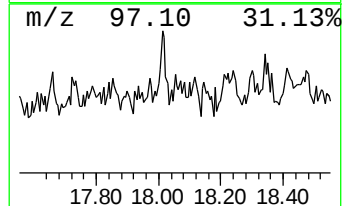
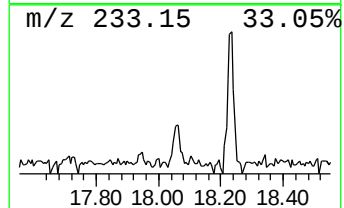
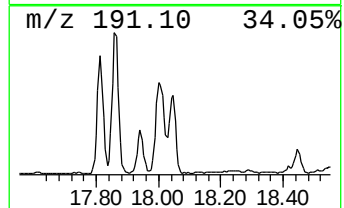
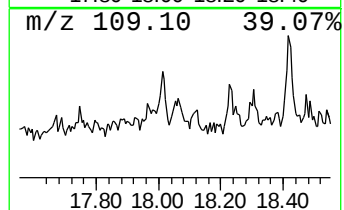
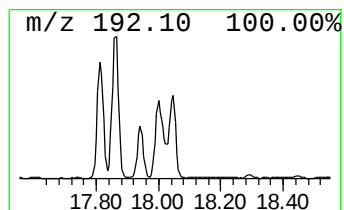
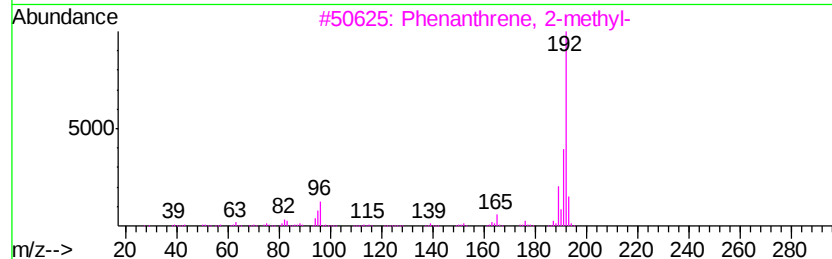
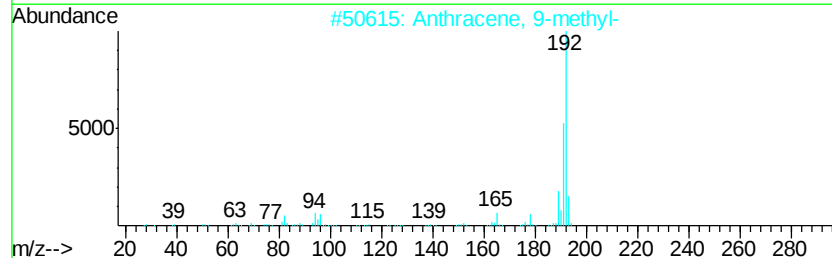
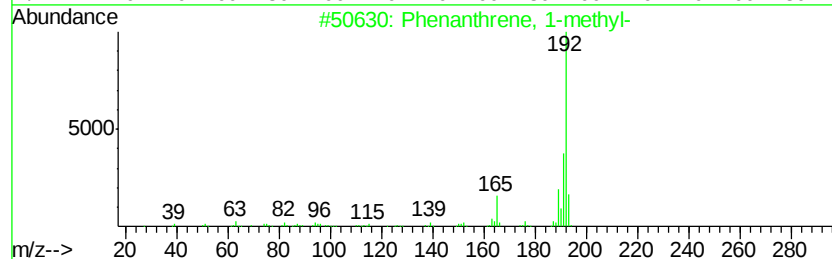
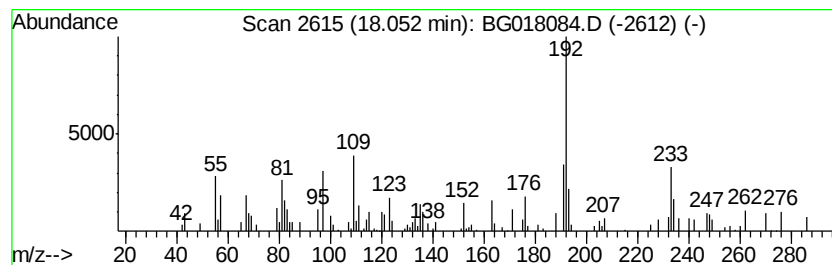
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.05	4.23 ng/ul	183660	Phenanthrene-d10		16.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
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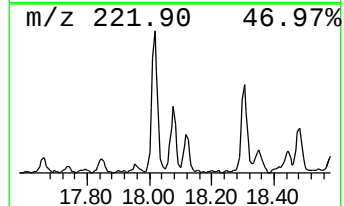
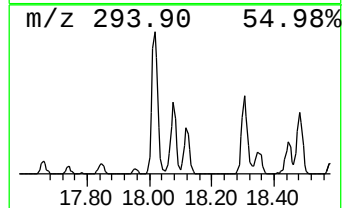
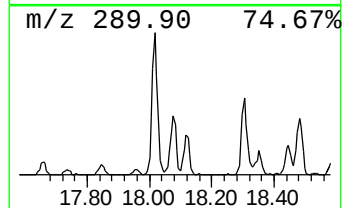
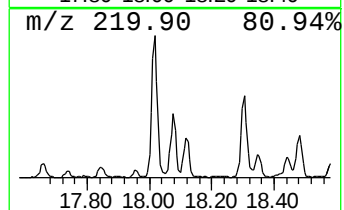
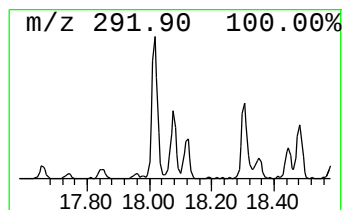
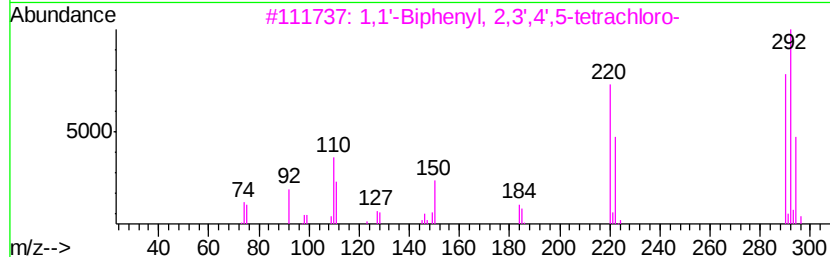
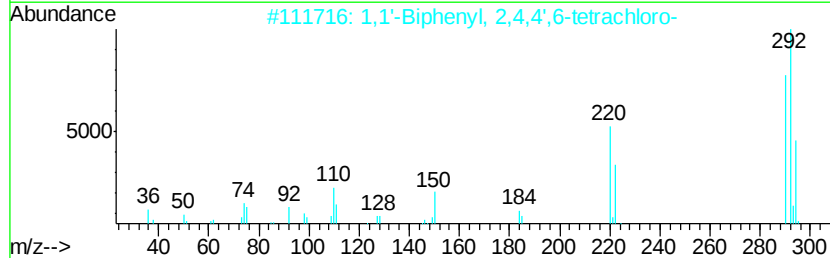
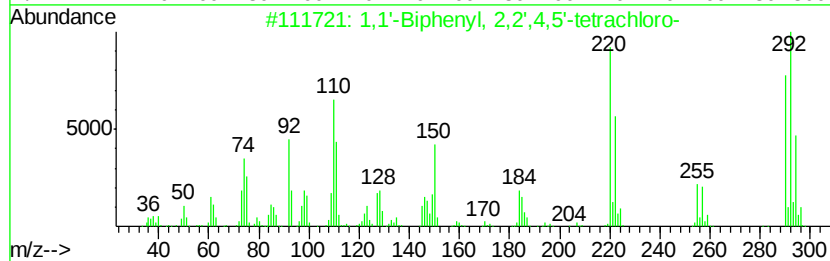
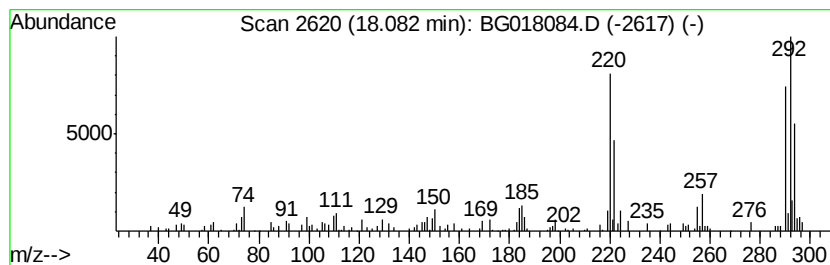
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.44 ng/ul	106077	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96
2		1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	96
3		1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	96
4		1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96
5		1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
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Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

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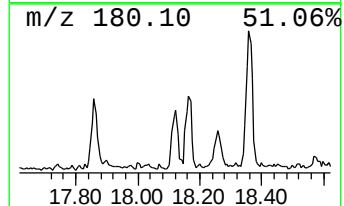
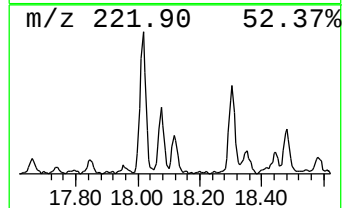
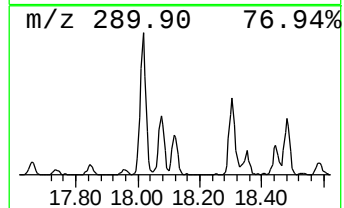
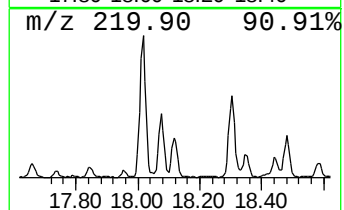
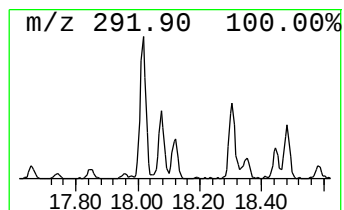
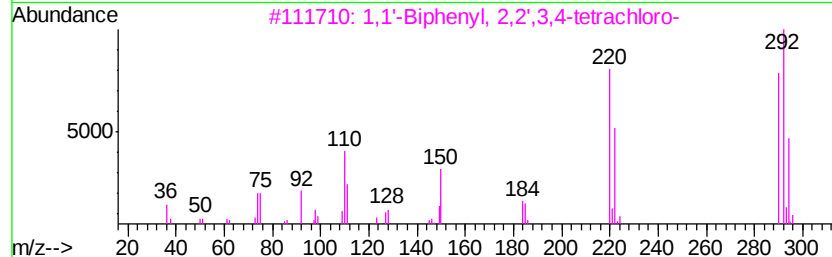
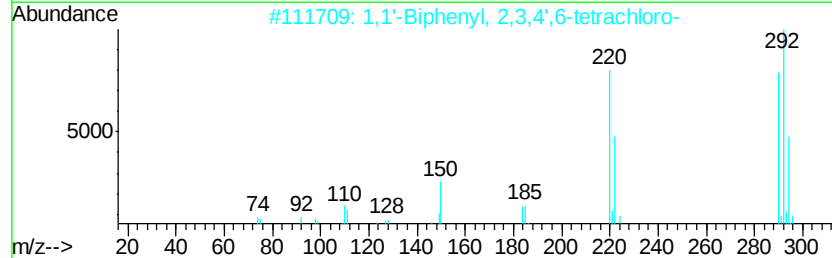
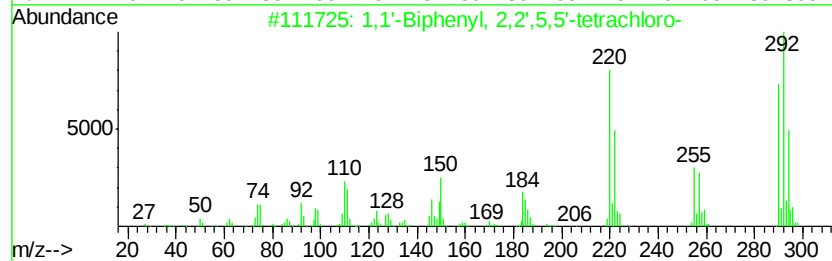
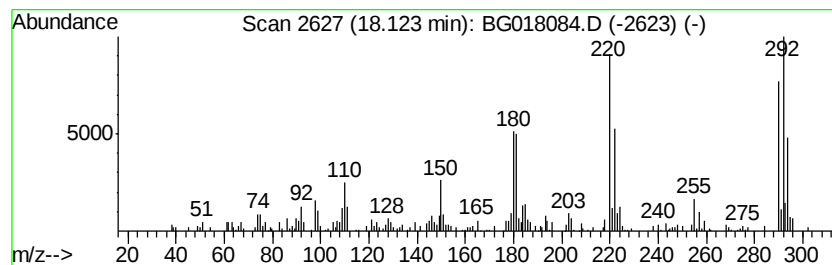
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.12 ng/ul	92163	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	95
2			1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	95
3			1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	95
4			1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	95
5			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01K6

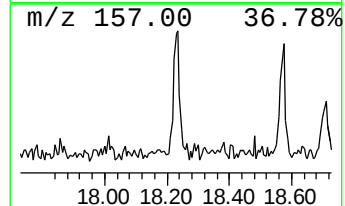
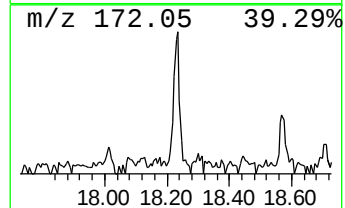
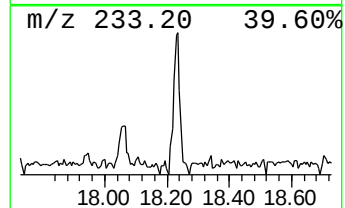
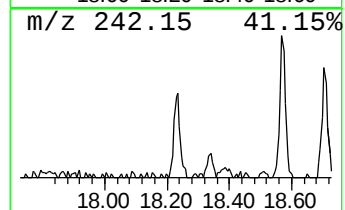
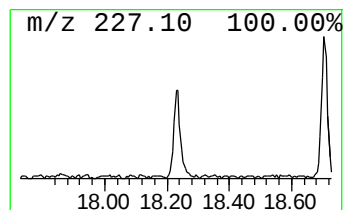
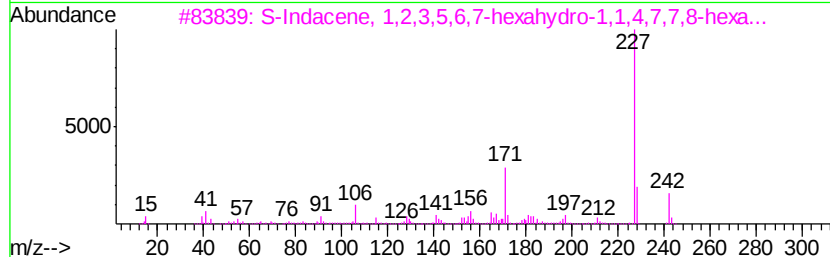
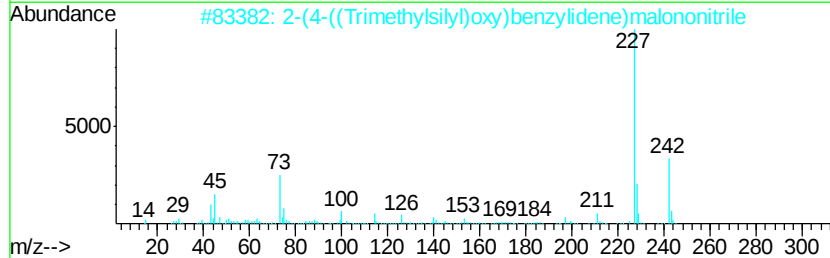
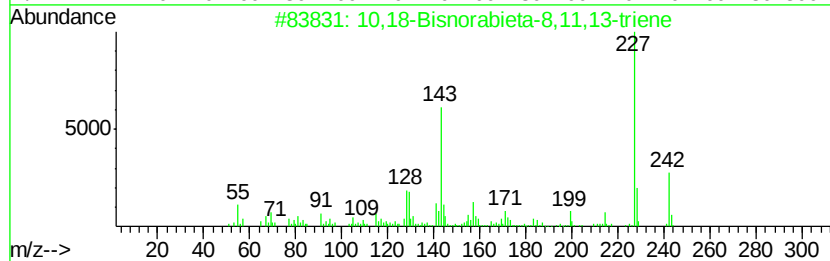
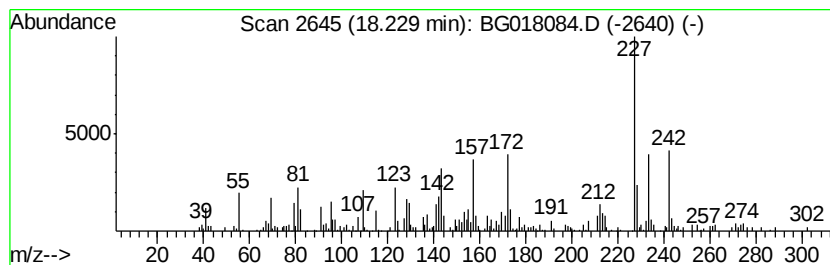
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 10,18-Bisnorabieta-8,11,13-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.61 ng/ul	113639	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	55
2			2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	35
3			S-Indacene, 1,2,3,5,6,7-hexahydr...	242	C18H26	017465-58-6	27
4			3,4(5H)-Dihydro-4,4-5-trimethylp...	269	C17H23N3	1000196-37-4	25
5			Benzo[d]pyrazolo[3,4-b]azepin-3(...	227	C13H13N3O	263550-89-6	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01K6

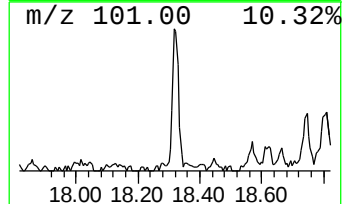
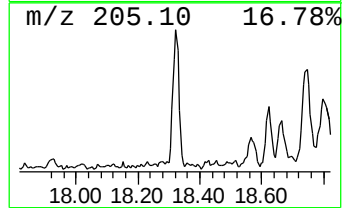
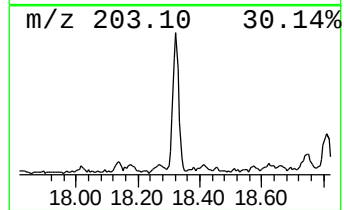
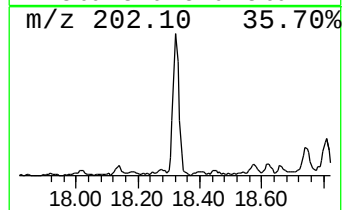
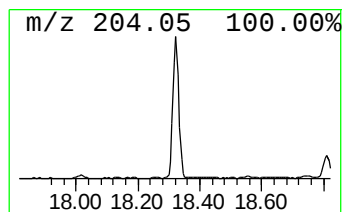
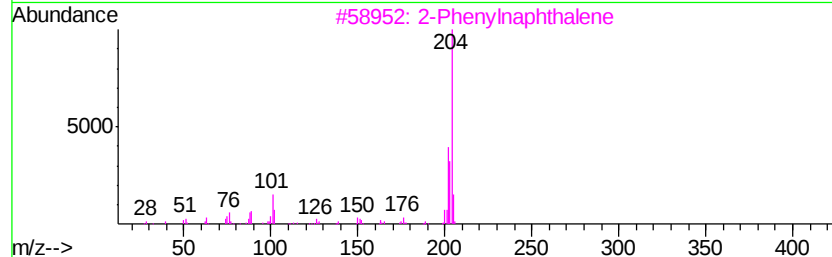
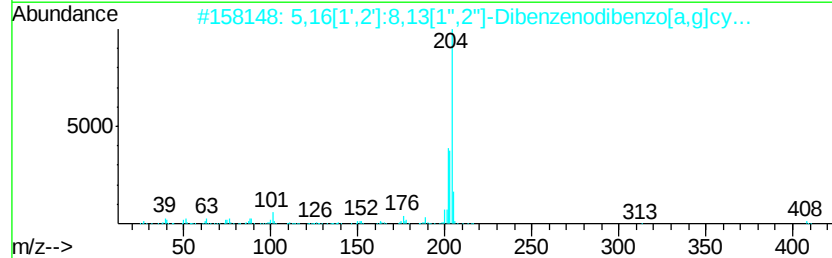
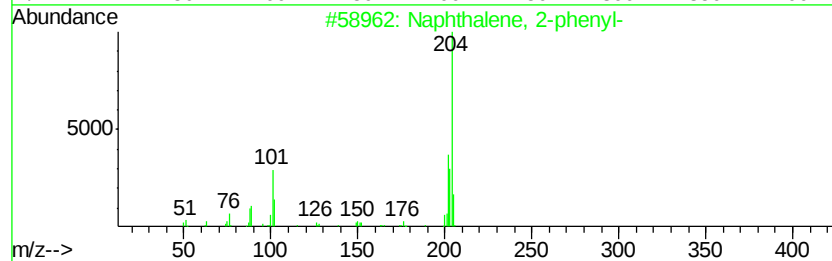
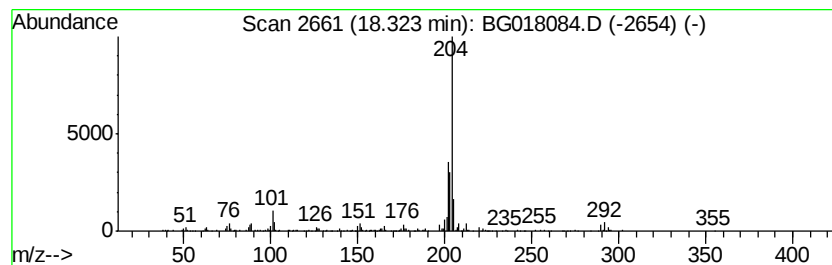
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	9.16 ng/ul	398355	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3		2-Phenylnaphthalene	204	C16H12	035465-71-5	60
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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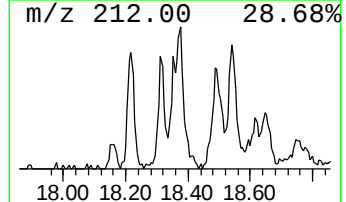
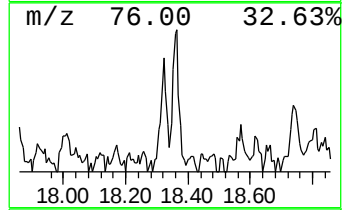
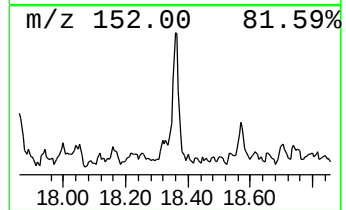
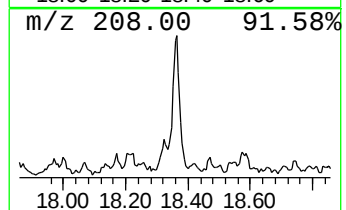
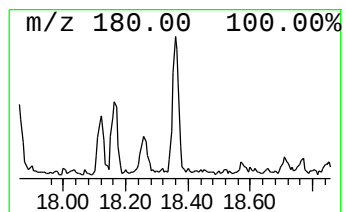
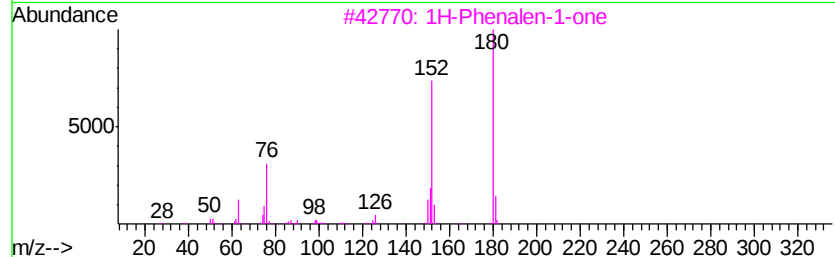
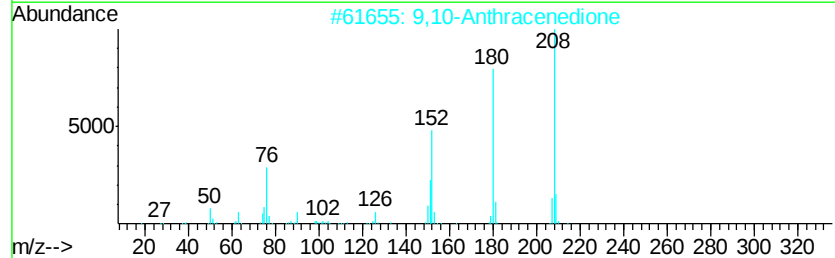
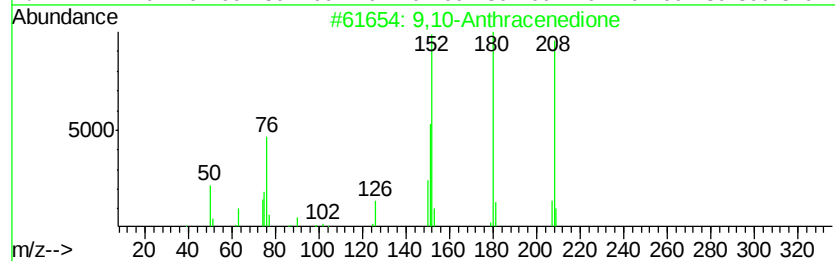
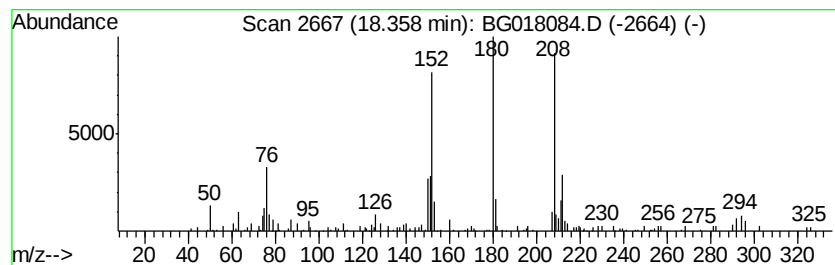
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.82 ng/ul	122697	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	78
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	72
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01K6

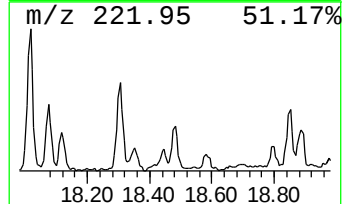
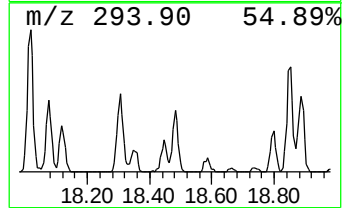
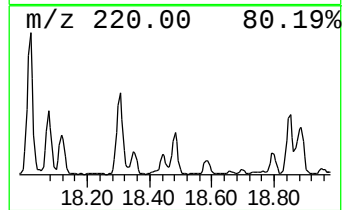
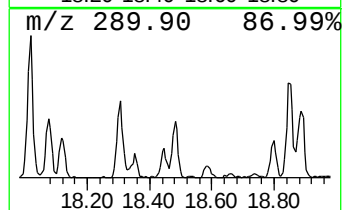
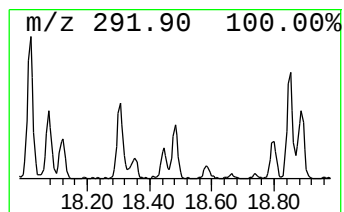
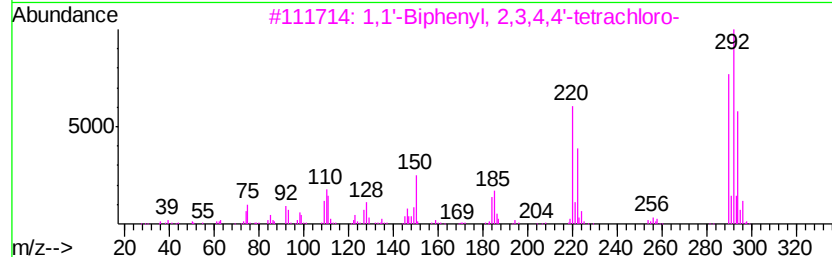
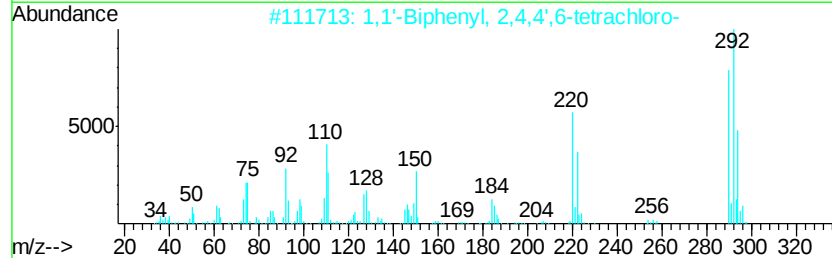
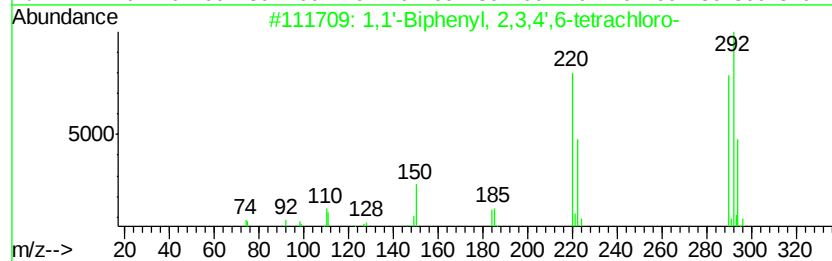
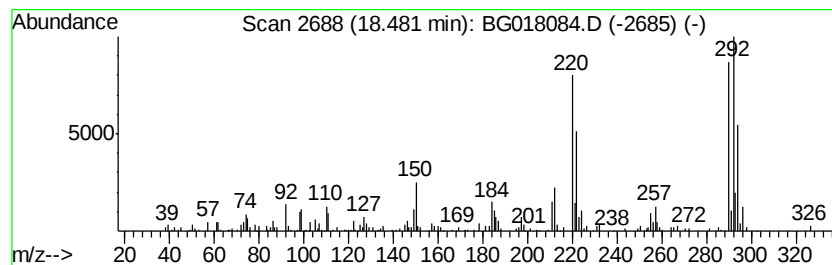
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.63 ng/ul	114300	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	95		
2	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	94		
3	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	94		
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	94		
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	94		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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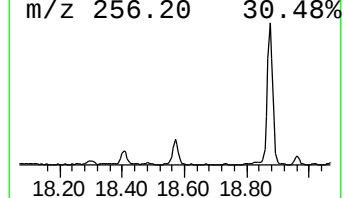
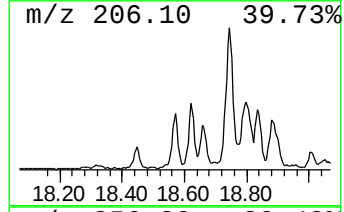
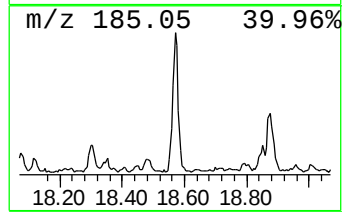
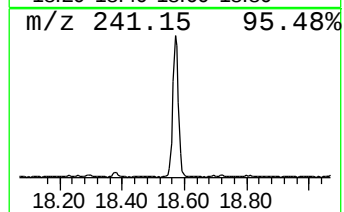
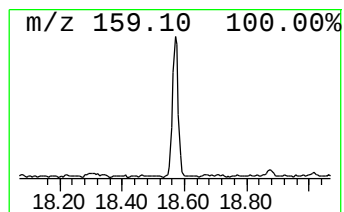
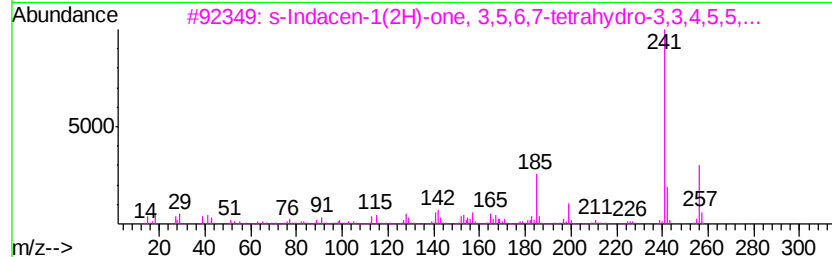
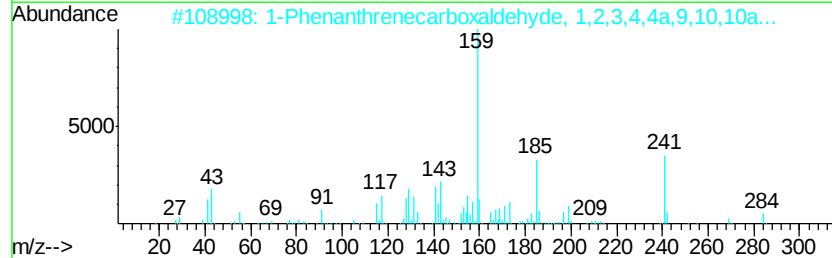
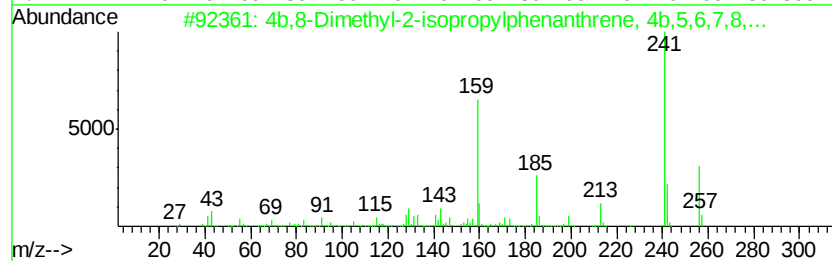
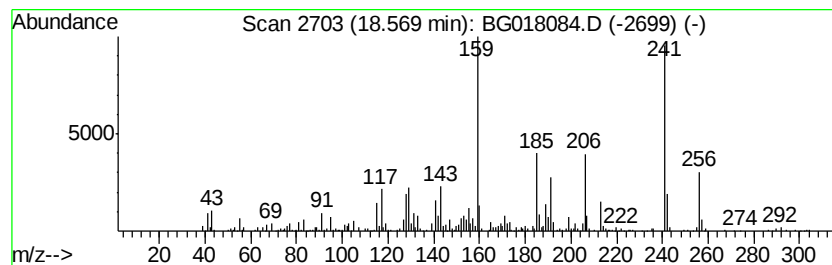
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	8.55 ng/ul	371455	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2			1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	27
3			s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	25
4			Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	18
5			Isoquinoline-4-carbonitrile, 1-e...	256	C15H16N2O2	1000259-91-1	18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
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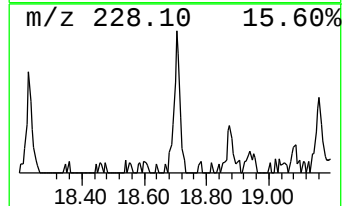
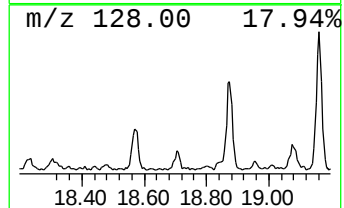
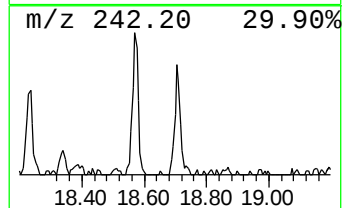
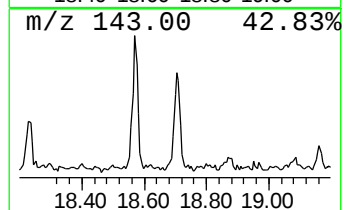
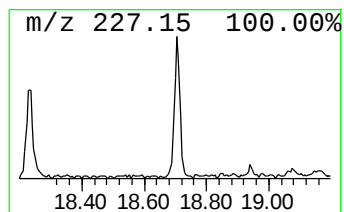
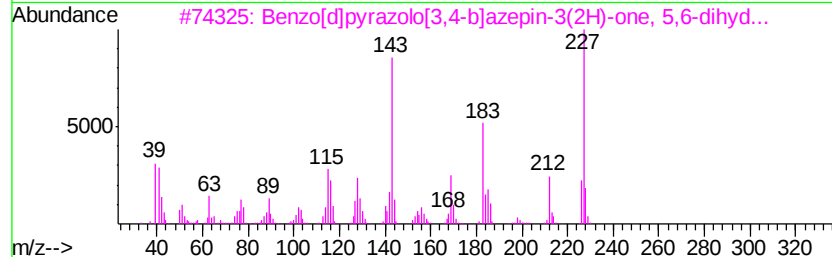
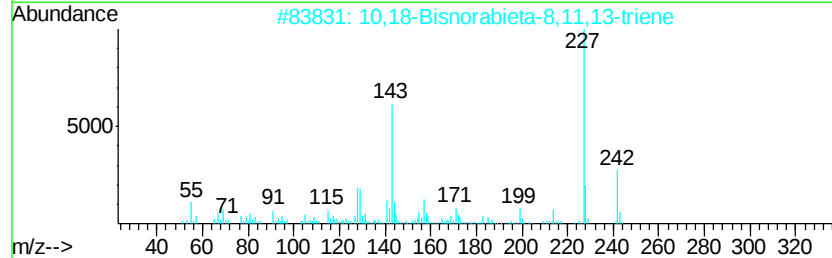
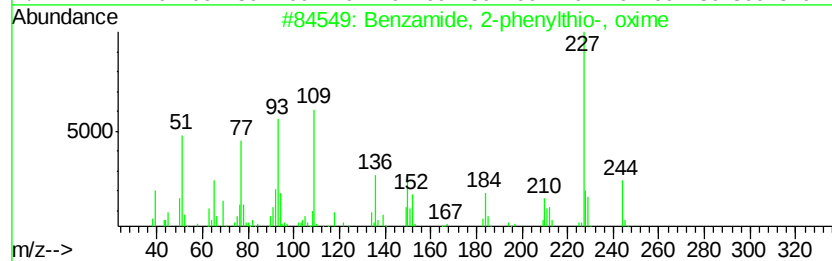
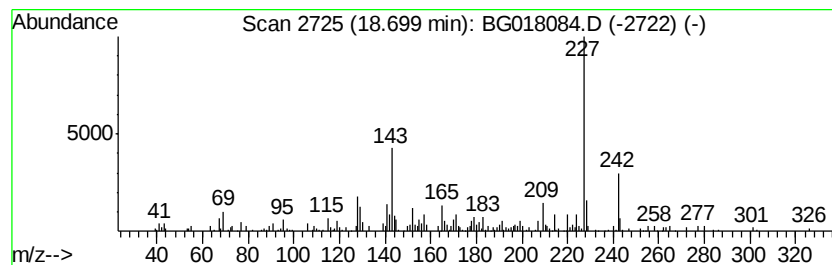
Instrument :
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ClientSampleId :
C01K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzamide, 2-phenylthio-, o... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.70	2.43 ng/ul	105715	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzamide, 2-phenylthio-, oxime	244	C13H12N2OS	117596-54-0	93
2		10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	90
3		Benzo[d]pyrazolo[3,4-b]azepin-3(...	227	C13H13N3O	263550-89-6	49
4		2-(4'-Hydroxyphenyl)-2-(4'-metho...	242	C16H18O2	016530-58-8	46
5		Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
C01K6

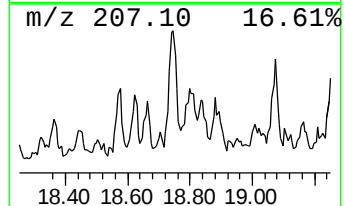
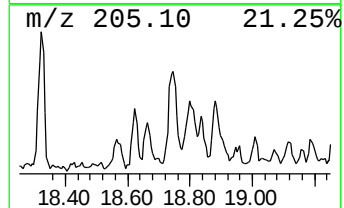
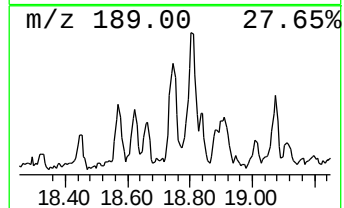
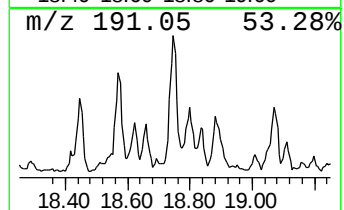
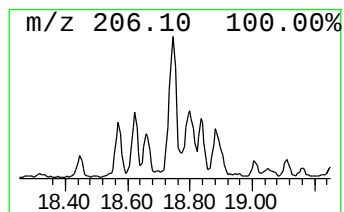
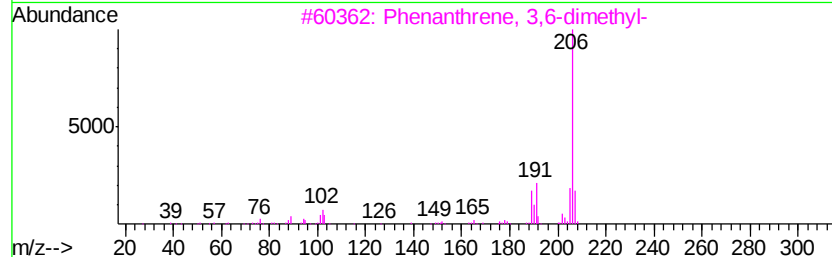
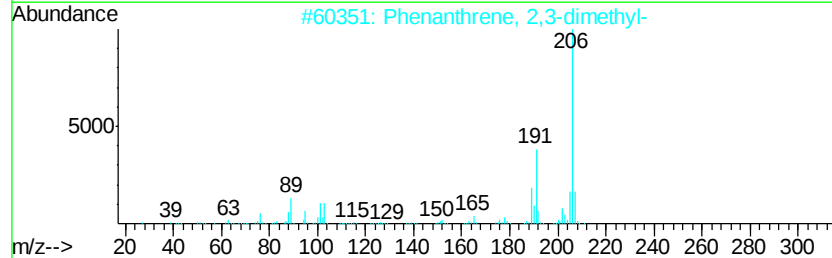
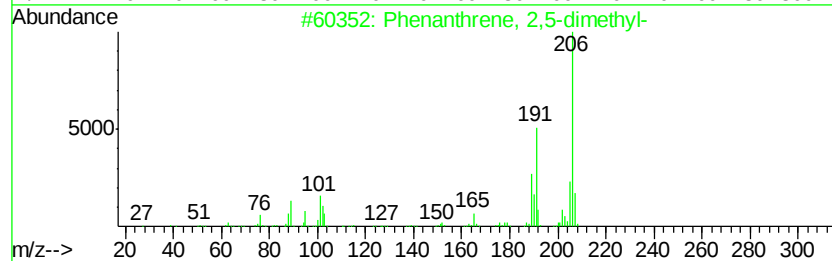
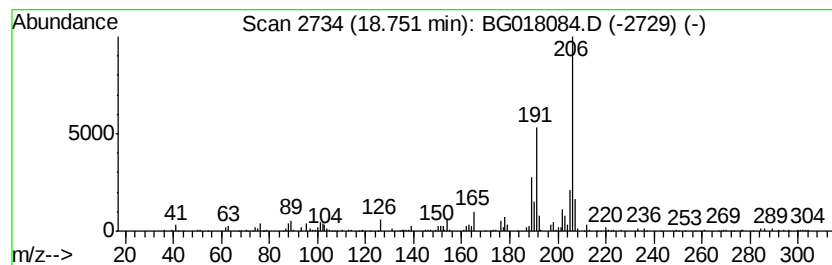
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	3.47 ng/ul	150864	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

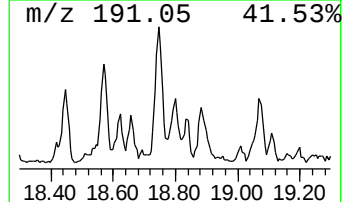
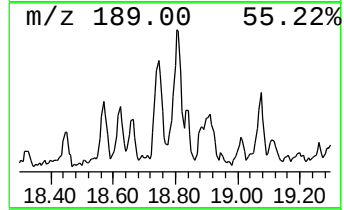
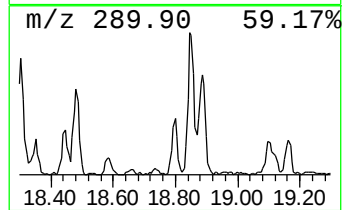
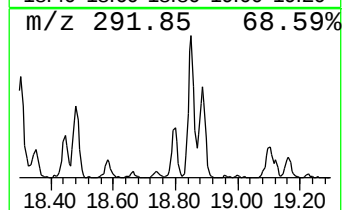
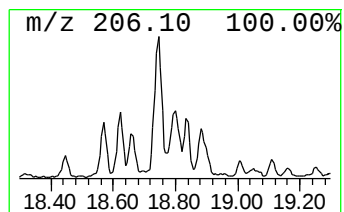
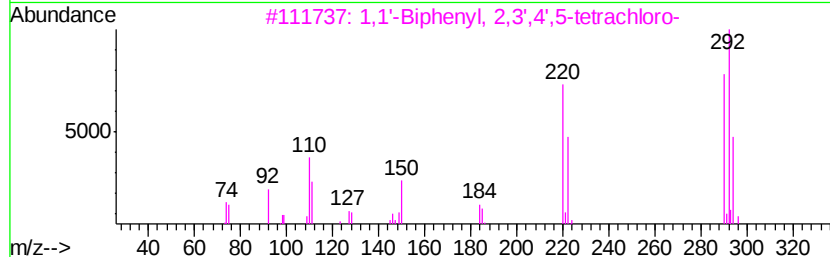
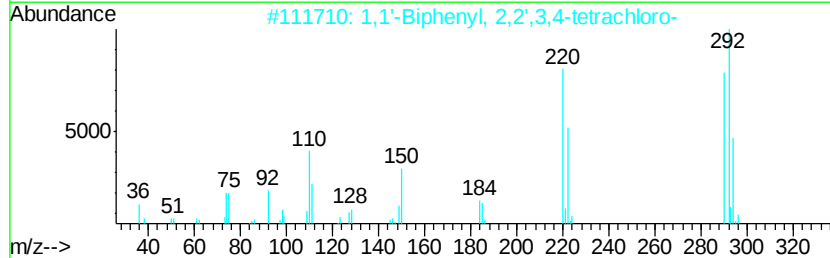
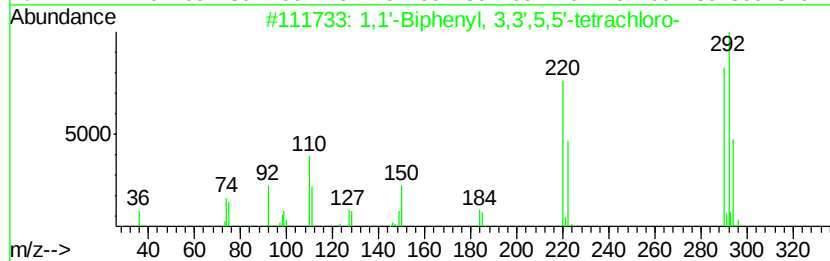
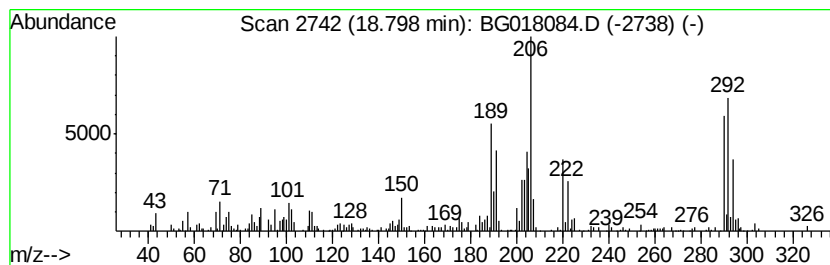
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.80	4.05 ng/ul	176002	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	94
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	94
3	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	94
4	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	94
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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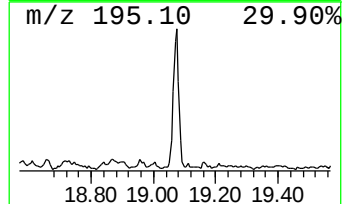
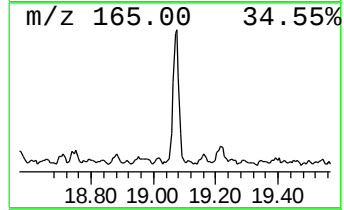
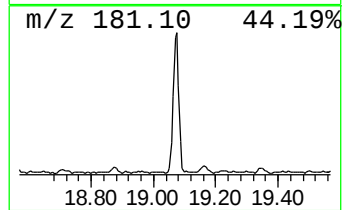
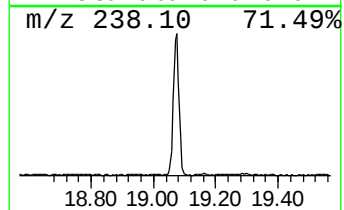
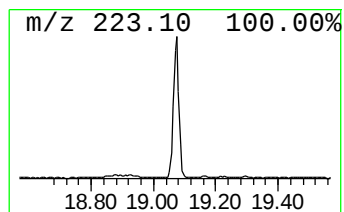
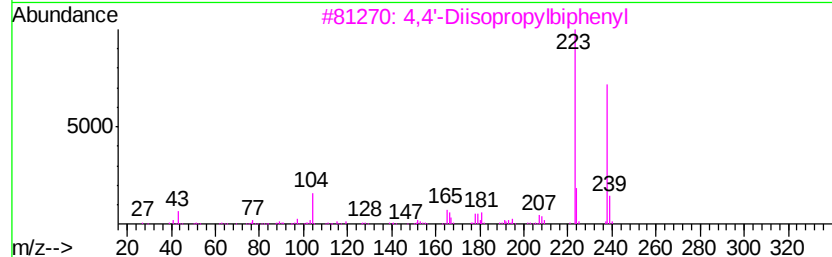
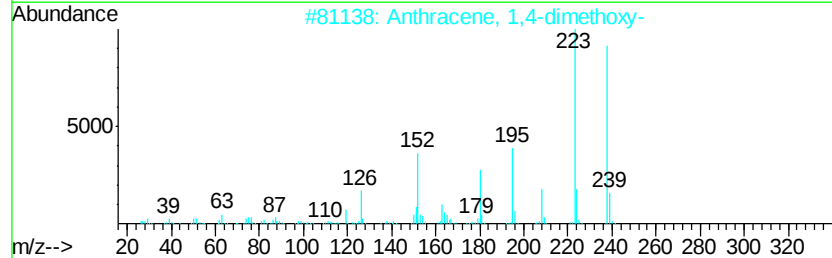
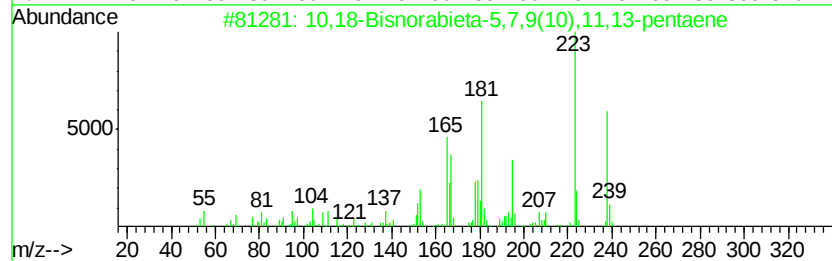
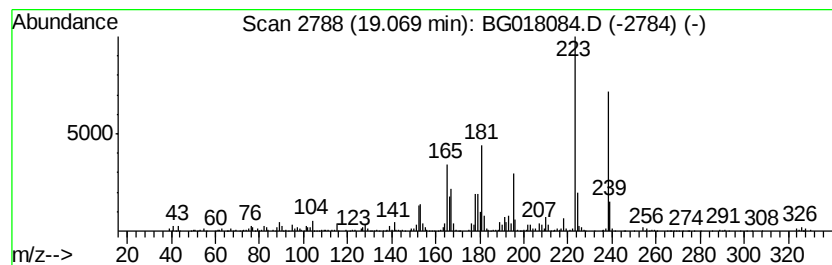
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	6.18 ng/ul	803974	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2			Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	64
3			4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4			4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	52
5			2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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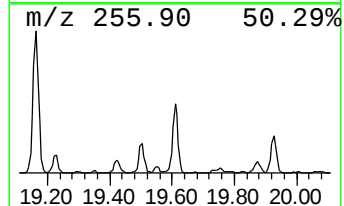
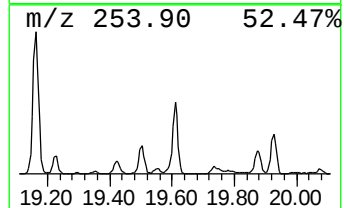
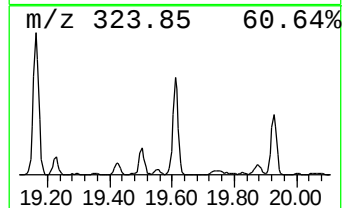
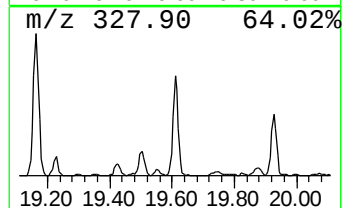
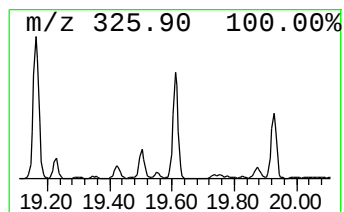
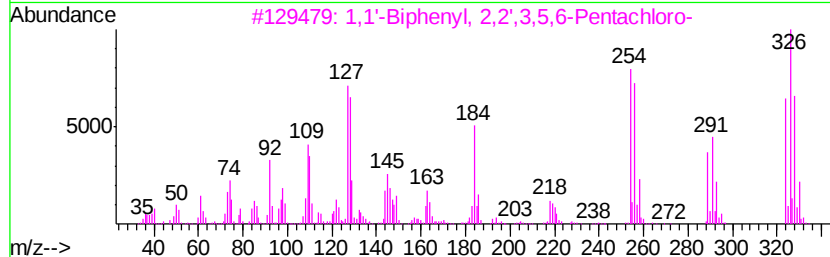
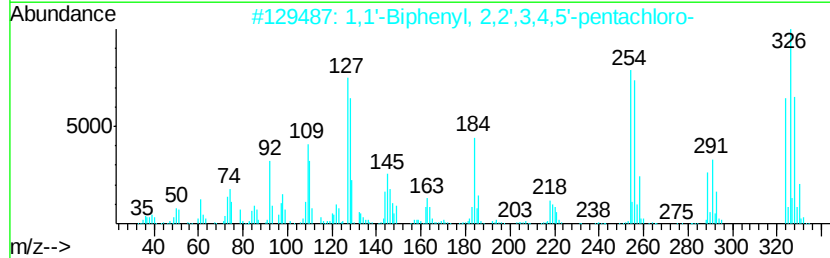
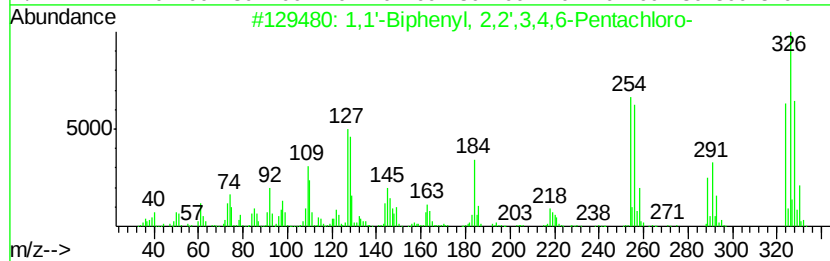
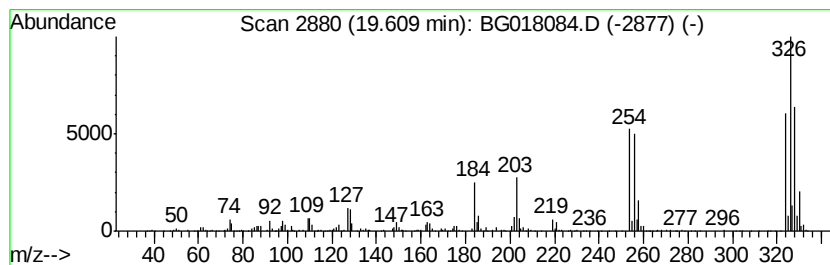
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	6.17 ng/ul	803042	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	98		
2	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	98		
3	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	98		
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	97		
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	97		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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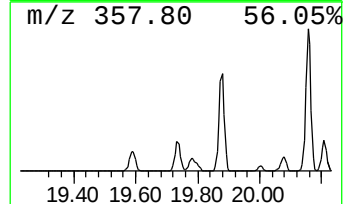
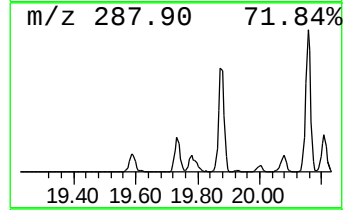
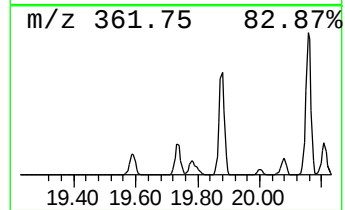
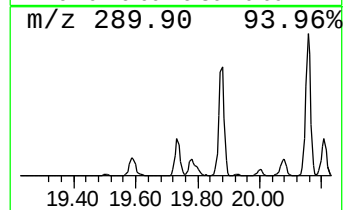
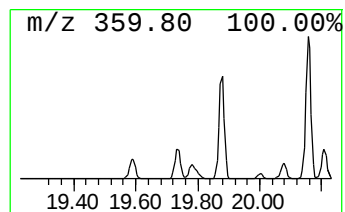
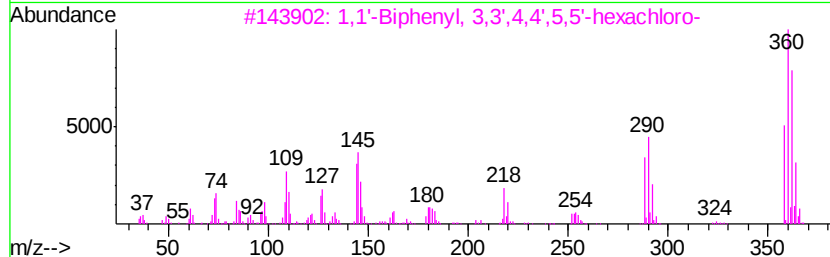
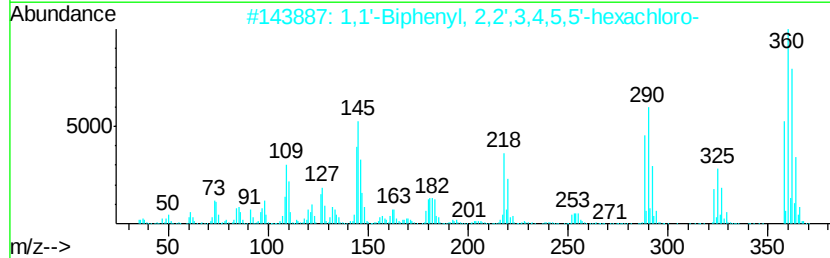
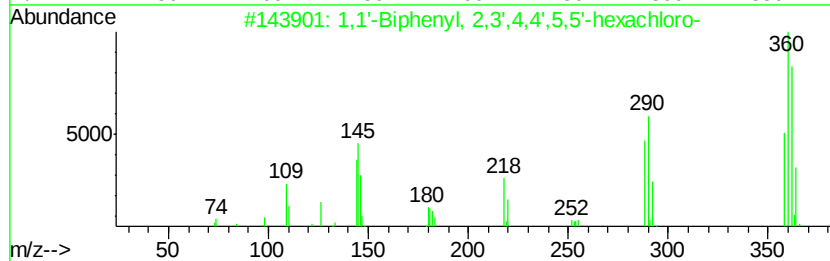
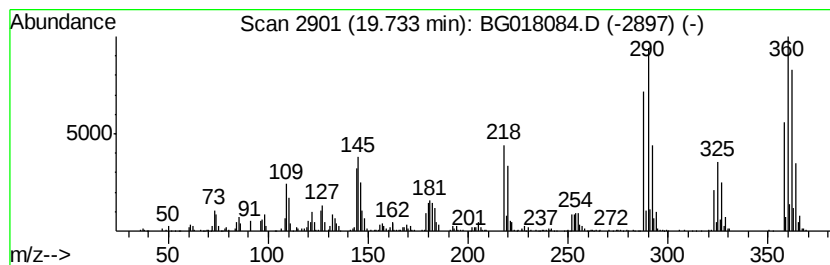
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	4.47 ng/ul	581133	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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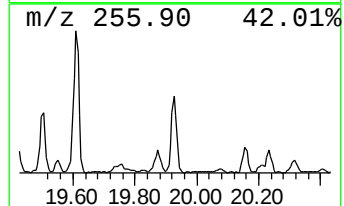
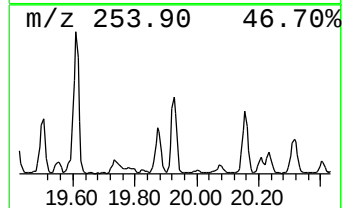
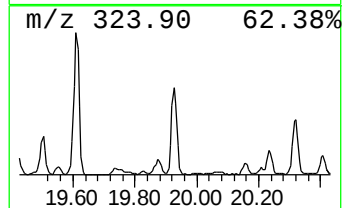
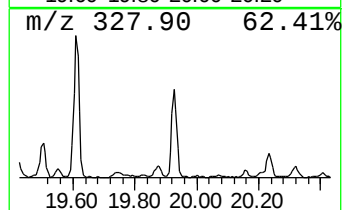
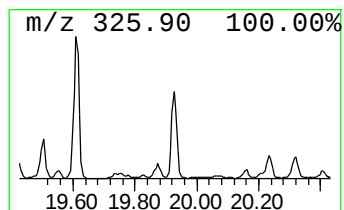
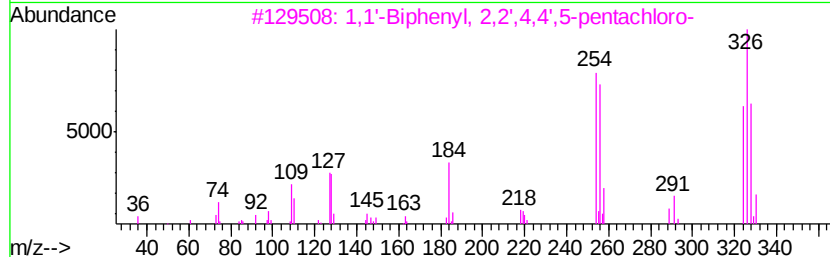
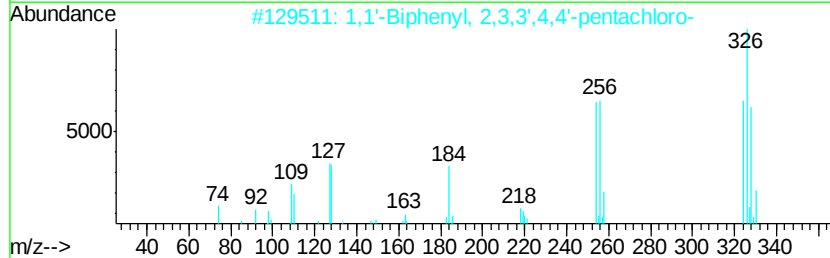
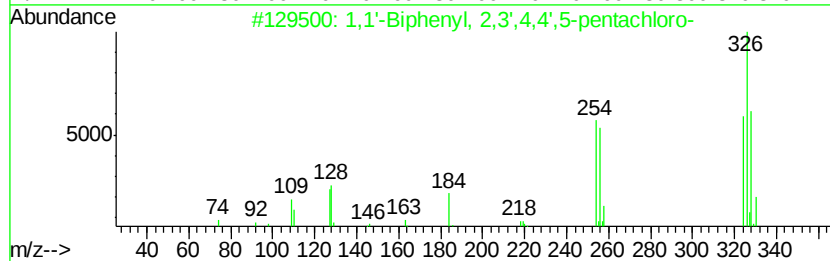
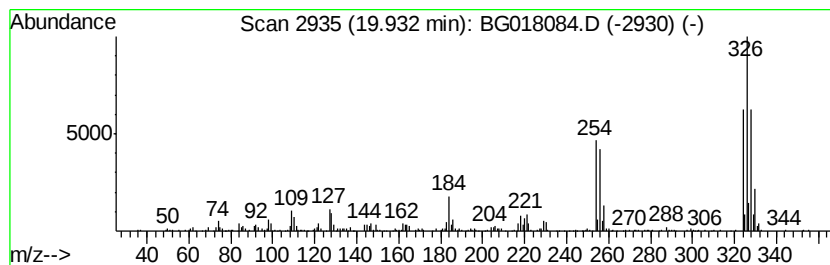
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.91 ng/ul	378851	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5		1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	99



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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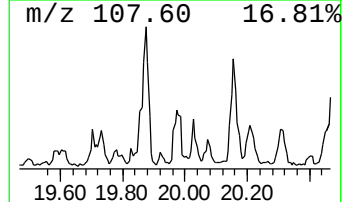
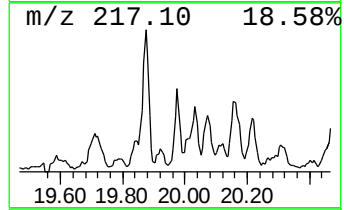
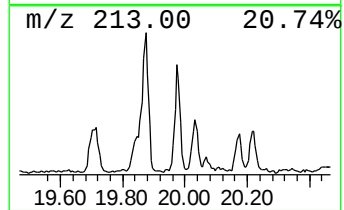
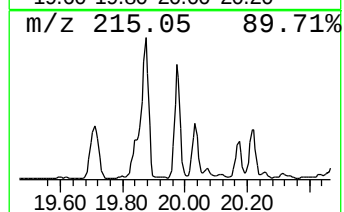
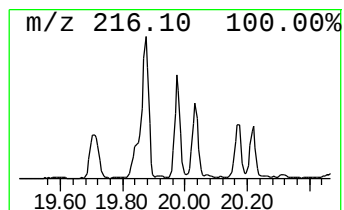
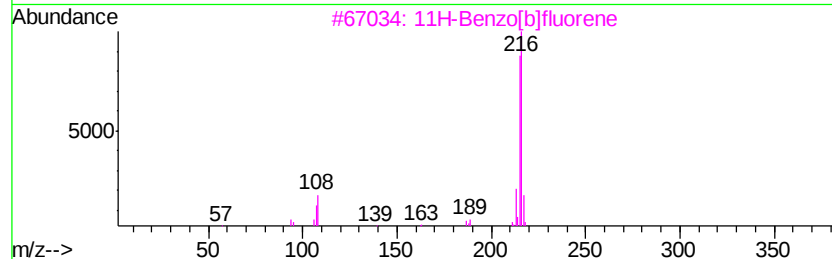
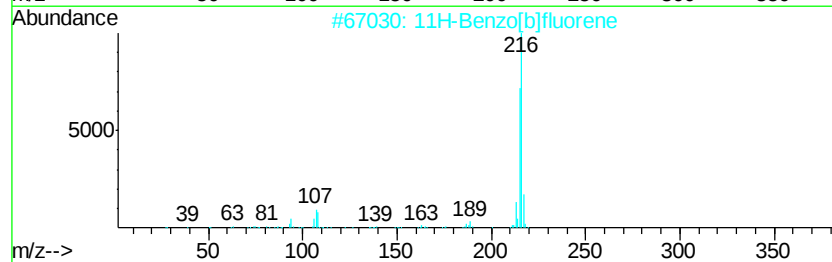
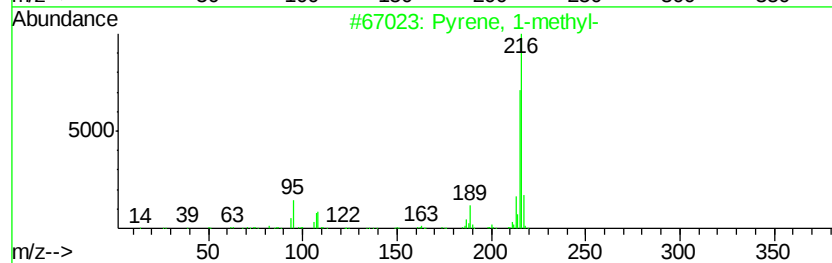
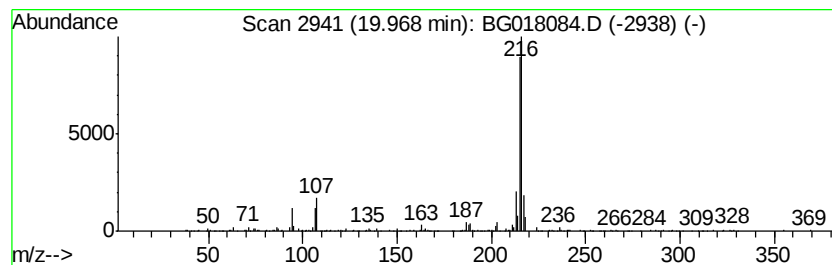
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Pyrene, 1-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.21 ng/ul	287236	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
C01K6

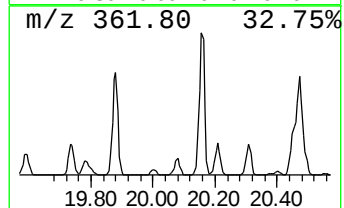
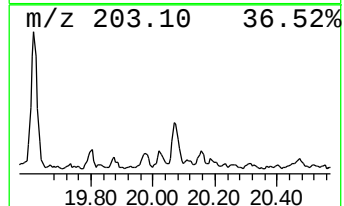
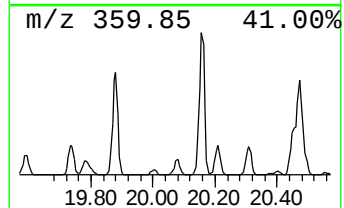
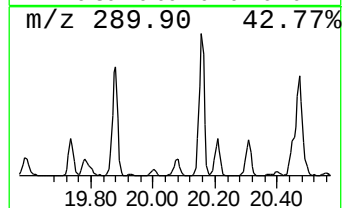
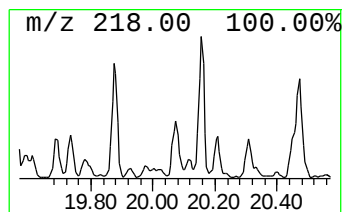
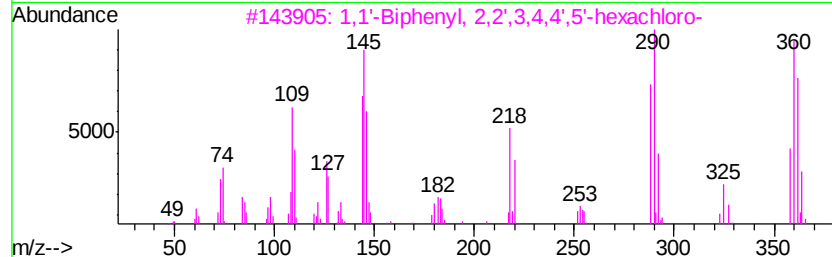
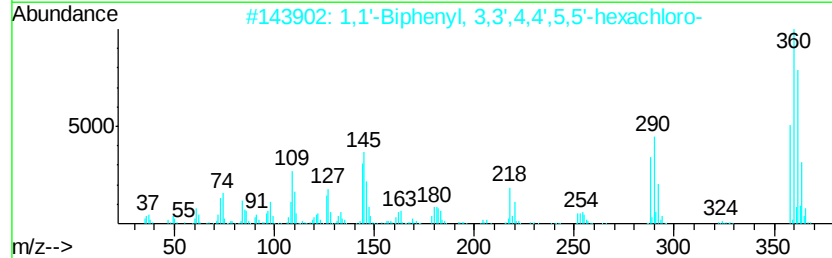
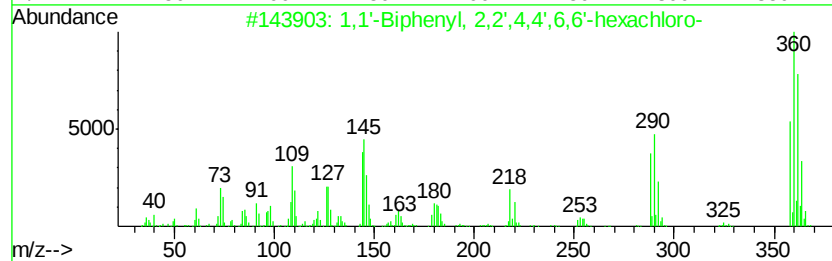
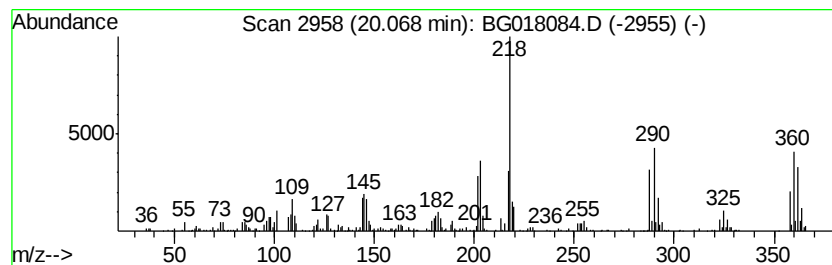
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.77 ng/ul	360453	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	95
3		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95
4		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	95
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018084.D
Acq On : 24 Jul 2015 2:42
Operator : TP/UM
Sample : G3035-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
C01K6

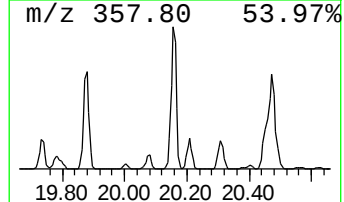
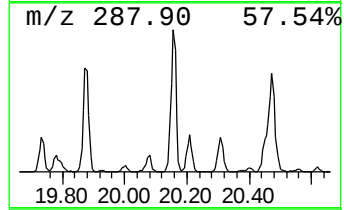
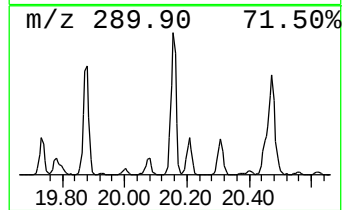
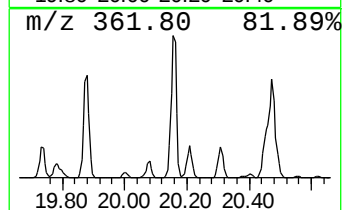
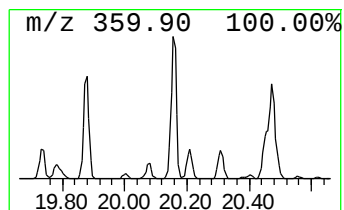
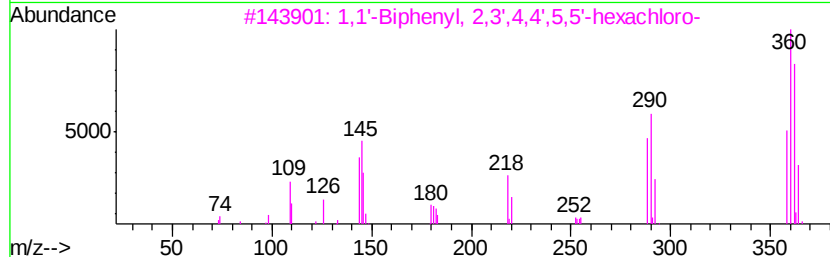
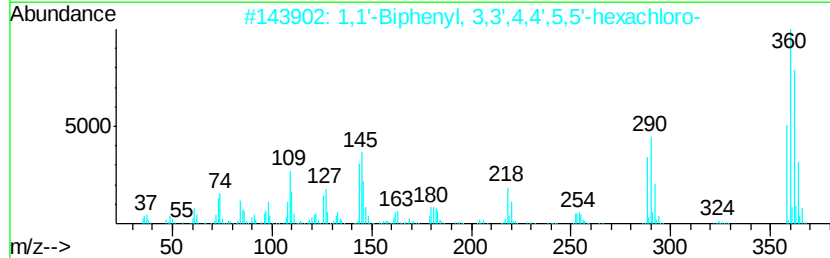
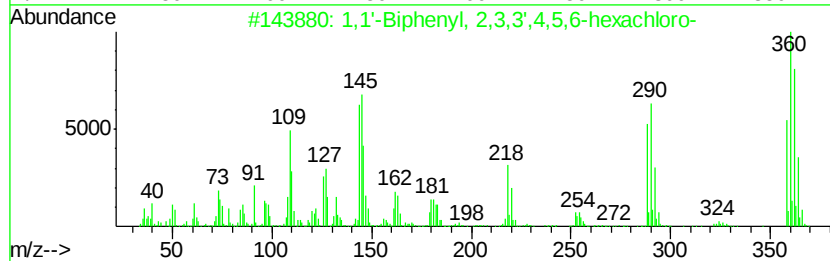
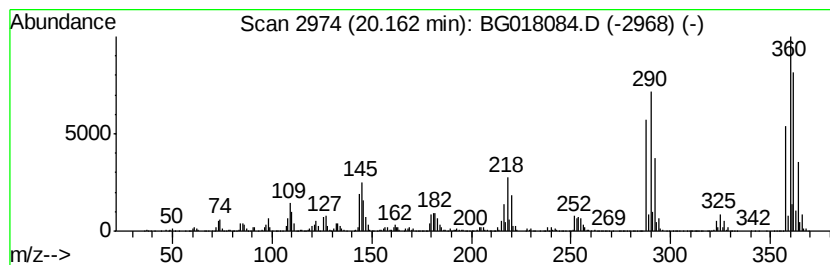
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	19.16 ng/ul	2492130	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4		1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
5		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
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 Acq On : 24 Jul 2015 2:42
 Operator : TP/UM
 Sample : G3035-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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
Dibenzothiophene	16.75	3.6	ng/ul	155326	4	16.94	869341	20.0
1,1'-Biphenyl, 2,...	17.54	7.3	ng/ul	315121	4	16.94	869341	20.0
1,1'-Biphenyl, 2,...	17.66	3.3	ng/ul	143040	4	16.94	869341	20.0
Anthracene, 2-met...	17.81	8.7	ng/ul	376765	4	16.94	869341	20.0
Anthracene, 1-met...	17.86	10.3	ng/ul	448999	4	16.94	869341	20.0
1H-Cyclopropa[l]p...	17.94	3.8	ng/ul	165504	4	16.94	869341	20.0
4H-Cyclopenta[def...	18.01	21.1	ng/ul	918636	4	16.94	869341	20.0
Phenanthrene, 1-m...	18.05	4.2	ng/ul	183660	4	16.94	869341	20.0
1,1'-Biphenyl, 2,...	18.08	2.4	ng/ul	106077	4	16.94	869341	20.0
1,1'-Biphenyl, 2,...	18.12	2.1	ng/ul	92163	4	16.94	869341	20.0
10,18-Bisnorabiet...	18.23	2.6	ng/ul	113639	4	16.94	869341	20.0
Naphthalene, 2-ph...	18.32	9.2	ng/ul	398355	4	16.94	869341	20.0
9,10-Anthracenedione	18.36	2.8	ng/ul	122697	4	16.94	869341	20.0
1,1'-Biphenyl, 2,...	18.48	2.6	ng/ul	114300	4	16.94	869341	20.0
4b,8-Dimethyl-2-i...	18.57	8.6	ng/ul	371455	4	16.94	869341	20.0
Benzamide, 2-phen...	18.70	2.4	ng/ul	105715	4	16.94	869341	20.0
Phenanthrene, 2,5...	18.75	3.5	ng/ul	150864	4	16.94	869341	20.0
1,1'-Biphenyl, 3,...	18.80	4.0	ng/ul	176002	4	16.94	869341	20.0
10,18-Bisnorabiet...	19.07	6.2	ng/ul	803974	5	21.14	2601530	20.0
1,1'-Biphenyl, 2,...	19.61	6.2	ng/ul	803042	5	21.14	2601530	20.0
1,1'-Biphenyl, 2,...	19.73	4.5	ng/ul	581133	5	21.14	2601530	20.0
1,1'-Biphenyl, 2,...	19.93	2.9	ng/ul	378851	5	21.14	2601530	20.0
Pyrene, 1-methyl-	19.97	2.2	ng/ul	287236	5	21.14	2601530	20.0
1,1'-Biphenyl, 2,...	20.07	2.8	ng/ul	360453	5	21.14	2601530	20.0
1,1'-Biphenyl, 2,...	20.16	19.2	ng/ul	2492130	5	21.14	2601530	20.0