

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
 Data File : BG018155.D
 Acq On : 28 Jul 2015 20:22
 Operator : TP/UM
 Sample : G3030-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M0

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	6.700	673	683	695	rVB	120832	212395	3.78%	0.301%
2	6.853	704	709	715	rBV	90145	136241	2.42%	0.193%
3	7.047	736	742	748	rVB	137376	212514	3.78%	0.301%
4	7.511	815	821	829	rBV	151937	234980	4.18%	0.333%
5	8.228	937	943	950	rBV	169790	262434	4.66%	0.372%
6	8.662	1011	1017	1026	rVV	117007	194547	3.46%	0.276%
7	9.385	1134	1140	1147	rBV	107636	175192	3.11%	0.248%
8	9.926	1224	1232	1239	rVB	177020	293298	5.21%	0.415%
9	10.296	1287	1295	1299	rBV	218058	372457	6.62%	0.528%
10	10.343	1299	1303	1310	rVB	55701	88287	1.57%	0.125%
11	10.437	1313	1319	1331	rVB	100012	173890	3.09%	0.246%
12	11.970	1573	1580	1586	rBV	55538	85369	1.52%	0.121%
13	13.598	1852	1857	1862	rVV	305550	434996	7.73%	0.616%
14	13.645	1862	1865	1875	rVV	161991	224878	4.00%	0.319%
15	13.874	1897	1904	1915	rBV	342756	545689	9.70%	0.773%
16	14.185	1947	1957	1962	rBV2	335755	538604	9.57%	0.763%
17	14.250	1962	1968	1975	rVB	408176	593405	10.55%	0.841%
18	14.409	1988	1995	2002	rBV2	105602	183957	3.27%	0.261%
19	14.585	2015	2025	2033	rVB	159377	243396	4.33%	0.345%
20	15.184	2120	2127	2132	rVV	444908	630080	11.20%	0.892%
21	15.237	2132	2136	2142	rVV	325580	471914	8.39%	0.668%
22	15.325	2146	2151	2155	rVV2	60152	108779	1.93%	0.154%
23	15.413	2161	2166	2170	rVV2	204547	348927	6.20%	0.494%
24	15.449	2170	2172	2176	rVV	99911	137306	2.44%	0.194%
25	15.537	2183	2187	2196	rVB	62965	102350	1.82%	0.145%
26	15.684	2207	2212	2220	rVB3	67602	142645	2.54%	0.202%
27	15.925	2247	2253	2262	rVB9	43714	106323	1.89%	0.151%
28	16.471	2339	2346	2351	rBV7	67939	155026	2.76%	0.220%
29	16.594	2363	2367	2373	rVB	111326	154836	2.75%	0.219%
30	16.718	2377	2388	2391	rVV3	235604	433607	7.71%	0.614%
31	16.759	2391	2395	2401	rVV	184245	281083	5.00%	0.398%
32	16.829	2402	2407	2410	rVV	186405	261358	4.65%	0.370%
33	16.865	2410	2413	2419	rVB	84247	108250	1.92%	0.153%
34	16.941	2421	2426	2429	rVV	395769	616791	10.96%	0.874%

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35	16.988	2429	2434	2439	rVV	2751132	4153116	73.82%	5.883%
36	17.041	2439	2443	2446	rVV2	491875	725636	12.90%	1.028%
37	17.076	2446	2449	2453	rVV	774400	994819	17.68%	1.409%
38	17.123	2453	2457	2464	rVB4	150364	278236	4.95%	0.394%
39	17.352	2491	2496	2500	rVB	317722	444348	7.90%	0.629%
40	17.464	2512	2515	2520	rVB3	65139	84186	1.50%	0.119%
41	17.552	2521	2530	2535	rVB2	342017	717710	12.76%	1.017%
42	17.670	2545	2550	2557	rVB3	127556	221934	3.94%	0.314%
43	17.822	2568	2576	2579	rBV2	287175	527993	9.38%	0.748%
44	17.869	2579	2584	2589	rVB	516276	724671	12.88%	1.026%
45	17.928	2590	2594	2596	rBV	251544	331110	5.89%	0.469%
46	18.016	2604	2609	2613	rBV3	742527	1191726	21.18%	1.688%
47	18.051	2613	2615	2618	rVV	177706	216393	3.85%	0.307%
48	18.081	2618	2620	2624	rVB	139845	149669	2.66%	0.212%
49	18.122	2624	2627	2631	rBV	128773	162049	2.88%	0.230%
50	18.328	2655	2662	2665	rBV2	257162	533126	9.48%	0.755%
51	18.369	2665	2669	2674	rVB2	180691	283821	5.04%	0.402%
52	18.451	2680	2683	2686	rBV	88280	99155	1.76%	0.140%
53	18.486	2686	2689	2694	rVB2	98121	122294	2.17%	0.173%
54	18.574	2701	2704	2709	rVB2	101553	143465	2.55%	0.203%
55	18.627	2710	2713	2717	rVV	64637	83956	1.49%	0.119%
56	18.809	2740	2744	2748	rBV3	99749	172838	3.07%	0.245%
57	18.856	2749	2752	2754	rVV2	116865	167064	2.97%	0.237%
58	18.886	2754	2757	2766	rVB2	288782	522258	9.28%	0.740%
59	19.027	2774	2781	2786	rBV	3734489	5626028	100.00%	7.969%
60	19.086	2787	2791	2795	rBV3	164421	266564	4.74%	0.378%
61	19.168	2801	2805	2810	rBV2	315742	437114	7.77%	0.619%
62	19.232	2813	2816	2819	rBV4	115625	168508	3.00%	0.239%
63	19.362	2832	2838	2839	rBV	1324328	1909999	33.95%	2.705%
64	19.391	2839	2843	2851	rVV	3072745	4900036	87.10%	6.941%
65	19.456	2851	2854	2860	rVB2	162745	226492	4.03%	0.321%
66	19.509	2860	2863	2866	rBV2	119531	129712	2.31%	0.184%
67	19.561	2868	2872	2877	rBV	258370	369198	6.56%	0.523%
68	19.620	2878	2882	2888	rVB2	443236	644022	11.45%	0.912%
69	19.714	2892	2898	2903	rBV3	207297	510055	9.07%	0.722%
70	19.761	2904	2906	2910	rVB	88394	99415	1.77%	0.141%
71	19.843	2916	2920	2922	rBV2	173637	263001	4.67%	0.373%

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72	19.885	2923	2927	2931	rVB	748169	1010837	17.97%	1.432%
73	19.932	2931	2935	2940	rBV	275463	365578	6.50%	0.518%
74	19.984	2940	2944	2948	rVV	504467	626733	11.14%	0.888%
75	20.043	2948	2954	2957	rVV2	315024	548247	9.74%	0.777%
76	20.078	2957	2960	2964	rVB	214799	272885	4.85%	0.387%
77	20.161	2971	2974	2976	rBV	185062	222351	3.95%	0.315%
78	20.231	2981	2986	2994	rVB2	206955	459983	8.18%	0.652%
79	20.296	2995	2997	3003	rBV3	98871	139860	2.49%	0.198%
80	20.478	3026	3028	3031	rVB2	162895	137489	2.44%	0.195%
81	20.631	3051	3054	3061	rVB	345739	491263	8.73%	0.696%
82	20.795	3077	3082	3086	rBV3	423867	728808	12.95%	1.032%
83	20.836	3086	3089	3092	rVV	402993	497374	8.84%	0.705%
84	20.883	3092	3097	3101	rVV2	420764	848036	15.07%	1.201%
85	20.930	3102	3105	3115	rVB	372843	574394	10.21%	0.814%
86	21.083	3128	3131	3133	rBV	273472	286709	5.10%	0.406%
87	21.142	3136	3141	3146	rVV3	2686155	4678832	83.16%	6.627%
88	21.195	3146	3150	3159	rVB	2452570	3372381	59.94%	4.777%
89	21.306	3165	3169	3175	rBV	586382	789747	14.04%	1.119%
90	21.412	3185	3187	3191	rVB	262539	302443	5.38%	0.428%
91	21.465	3192	3196	3201	rVV2	297080	495539	8.81%	0.702%
92	21.741	3241	3243	3249	rVB	305965	393700	7.00%	0.558%
93	21.806	3250	3254	3258	rBV2	460462	674498	11.99%	0.955%
94	22.705	3400	3407	3411	rBV	1889886	4295528	76.35%	6.084%
95	22.863	3430	3434	3441	rVB	376521	593026	10.54%	0.840%
96	23.169	3481	3486	3491	rBV	919925	1729530	30.74%	2.450%
97	23.269	3497	3503	3510	rVB	1739678	3159933	56.17%	4.476%
98	23.404	3522	3526	3535	rVB	578740	1103290	19.61%	1.563%
99	25.584	3889	3897	3909	rVB	770827	2258742	40.15%	3.199%
100	26.271	4007	4014	4034	rVB	485866	1673374	29.74%	2.370%

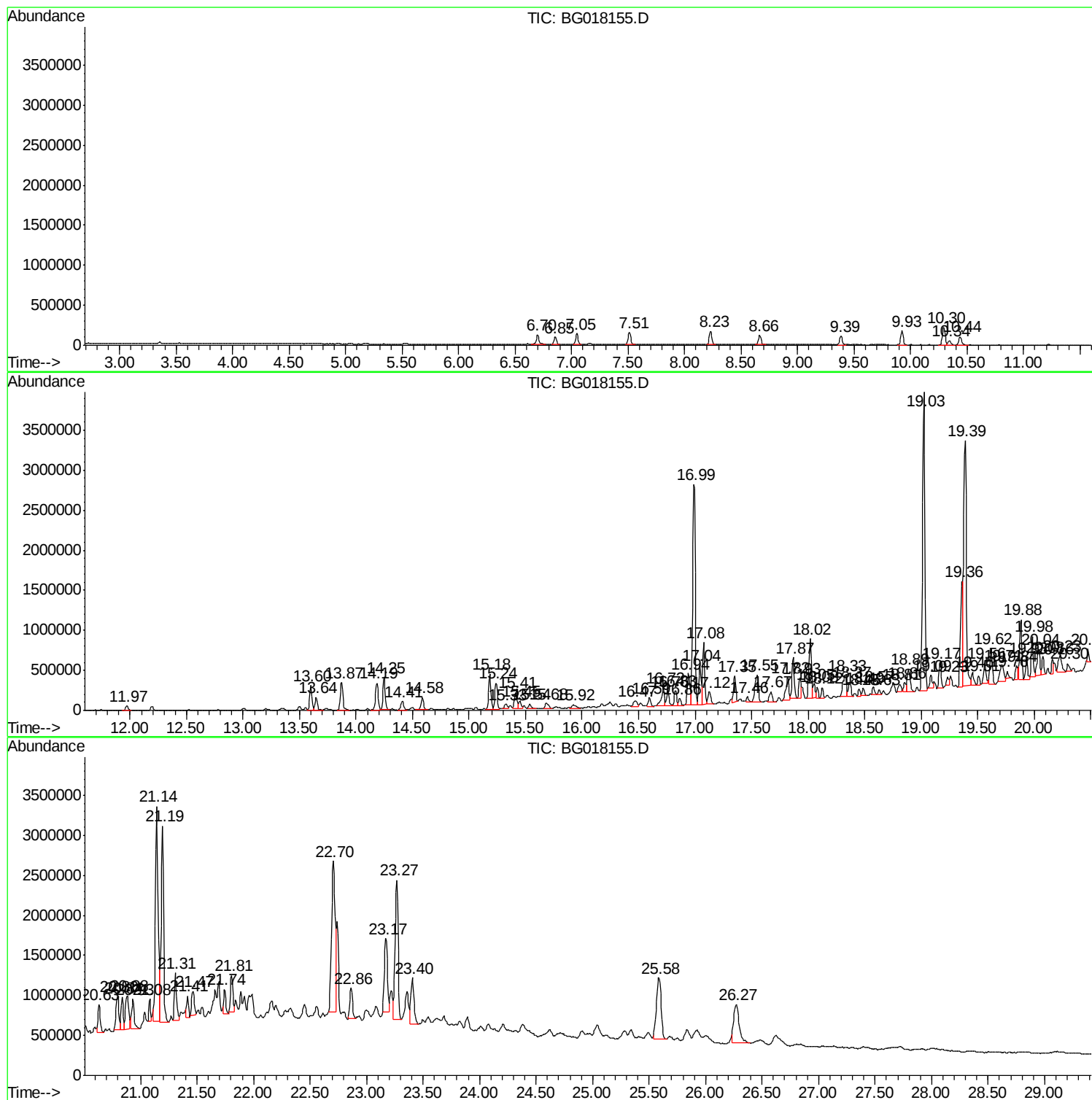
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



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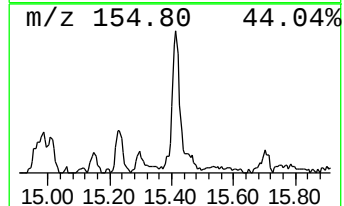
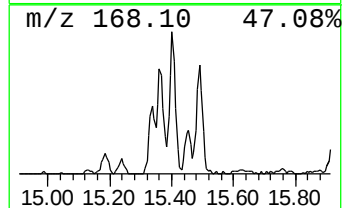
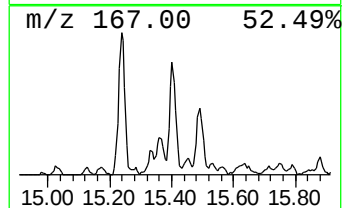
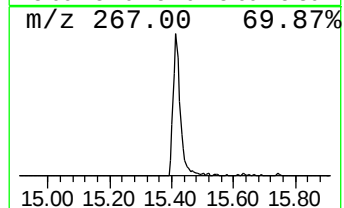
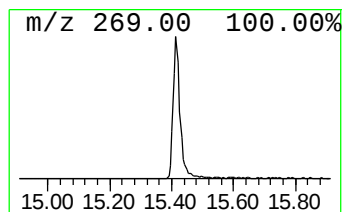
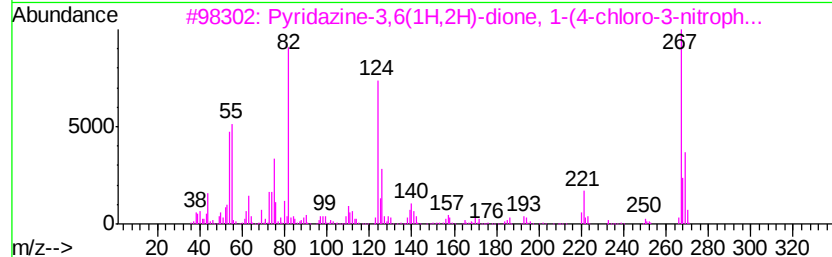
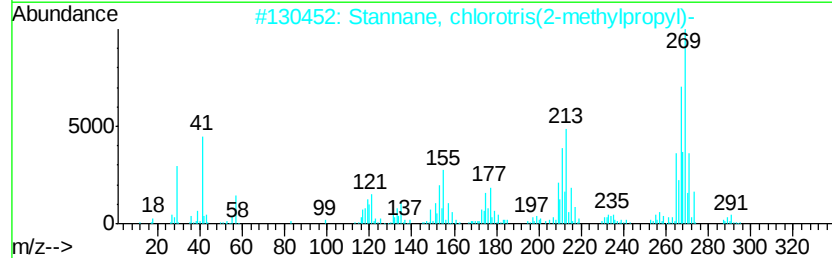
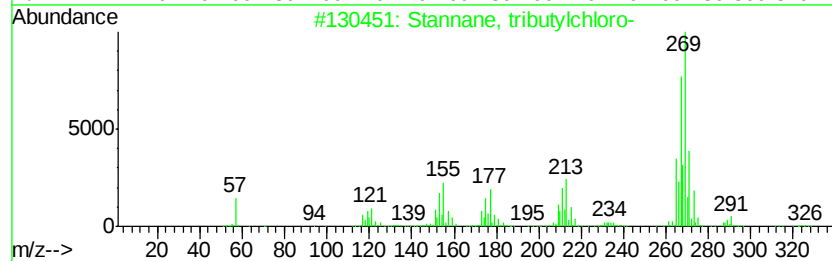
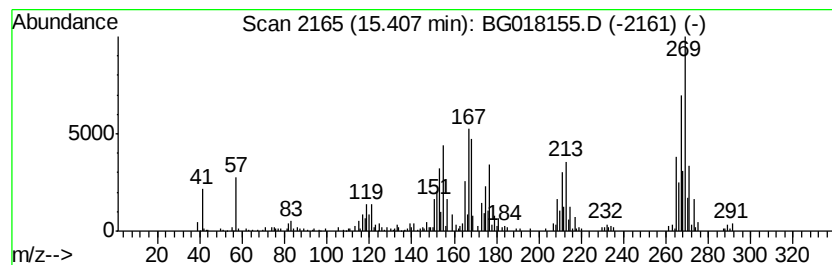
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Stannane, tributylchloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	12.96 ng/ul	348927	Acenaphthene-d10	14.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Stannane, tributylchloro-	326	C12H27ClSn	001461-22-9 91
2	Stannane, chlorotris(2-methylpro...	326	C12H27ClSn	007342-38-3 91
3	Pvridazine-3,6(1H,2H)-dione, 1-(...	267	C10H6ClN3O4	1000272-74-8 38
4	Cobalt, bis(1-ethylborinato)-	269	C14H20B2Co	1000151-48-2 35
5	Crinan-11-ol, 1,2-didehydro-3-me...	301	C17H19NO4	000639-41-8 25



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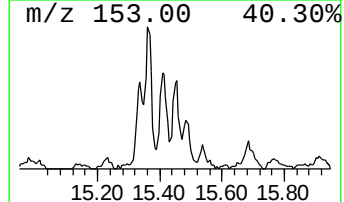
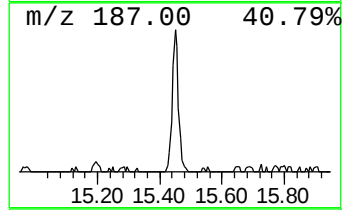
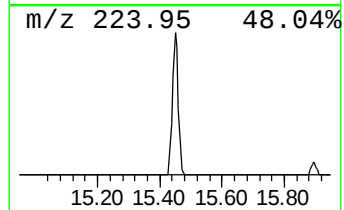
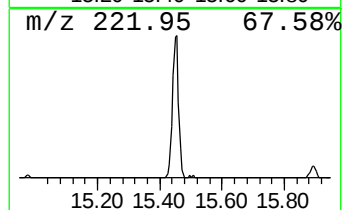
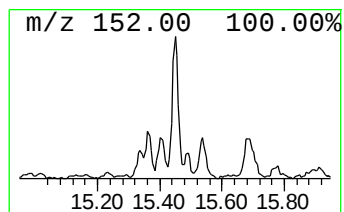
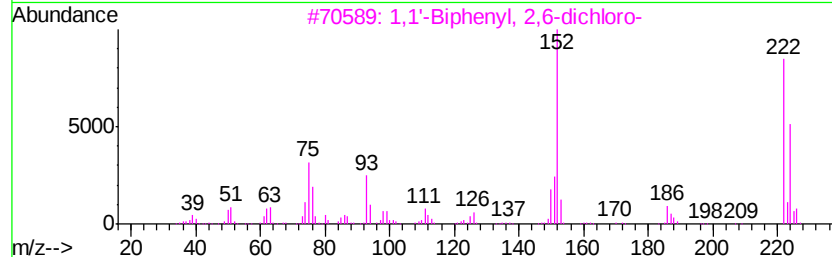
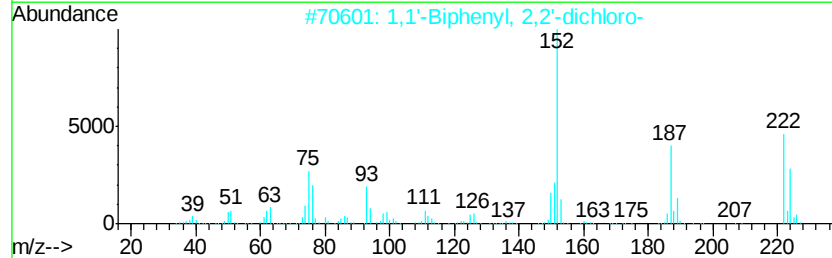
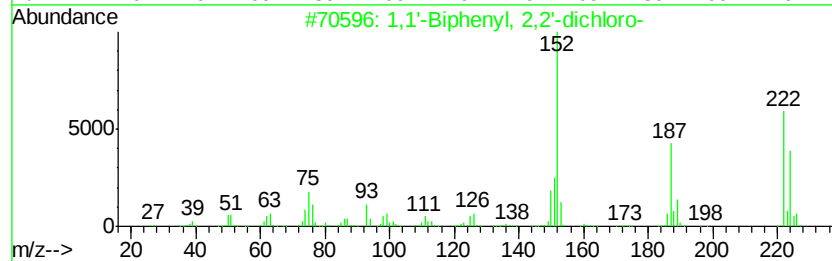
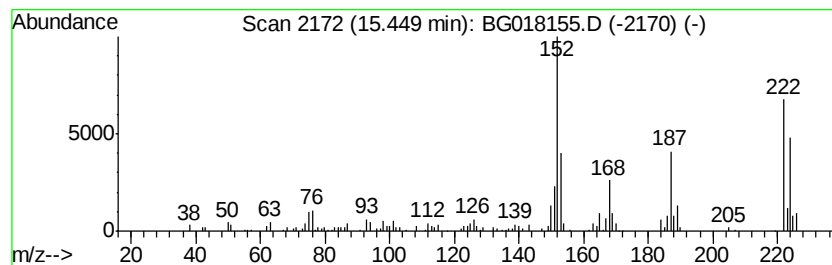
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	5.10 ng/ul	137306	Acenaphthene-d10	14.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94
2			1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93
3			1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	92
4			1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	92
5			1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	91



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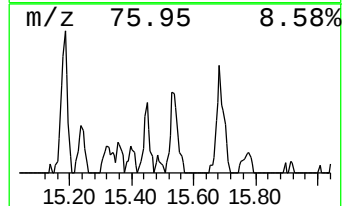
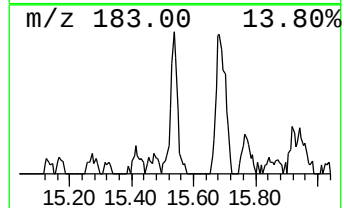
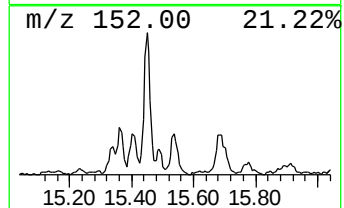
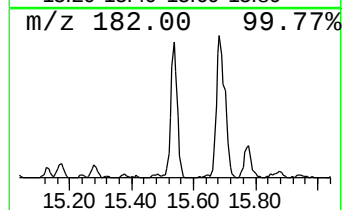
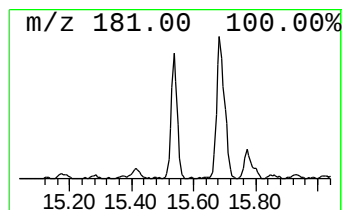
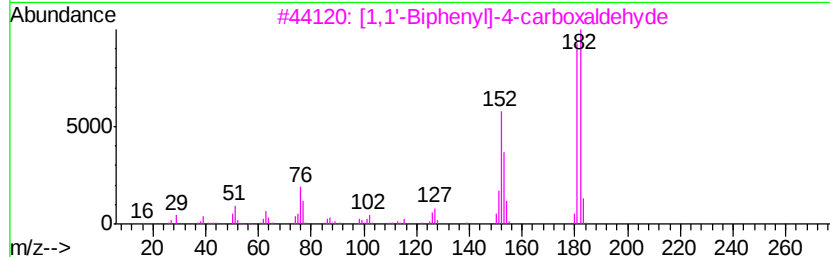
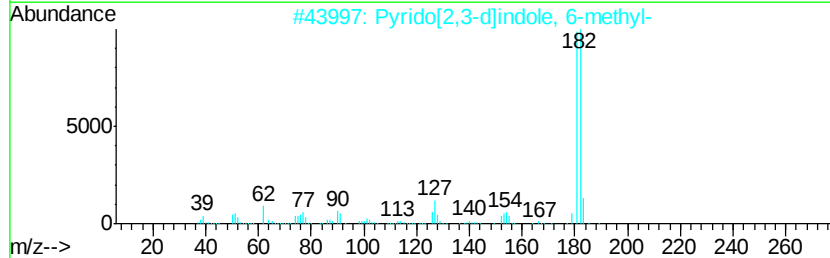
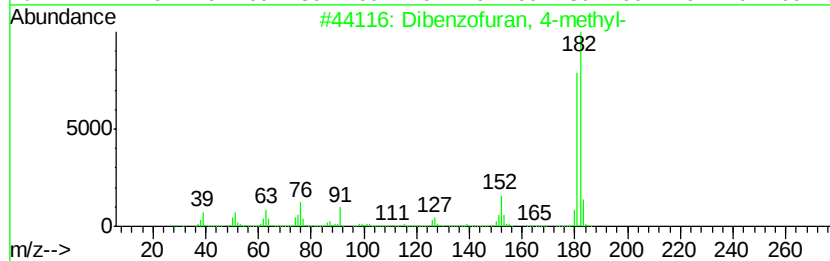
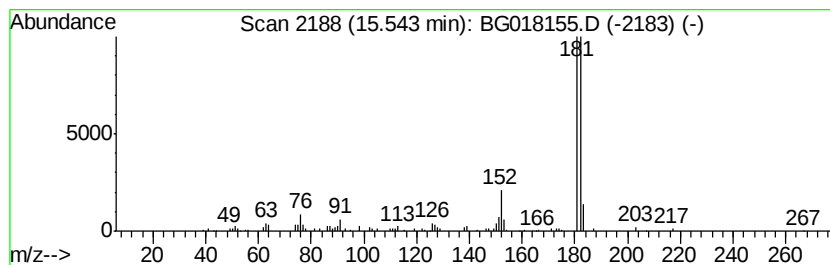
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.80 ng/ul	102350	Acenaphthene-d10	14.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	80
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72



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Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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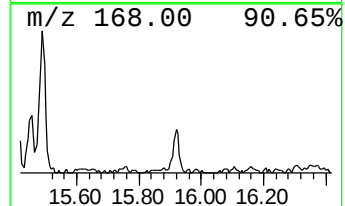
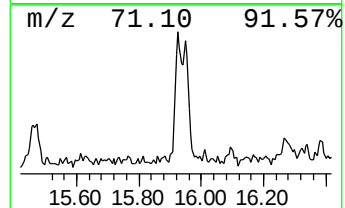
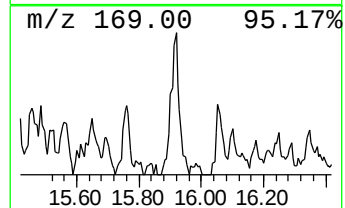
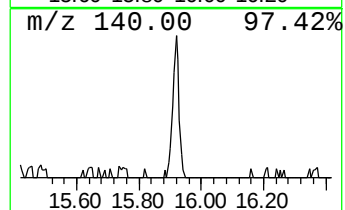
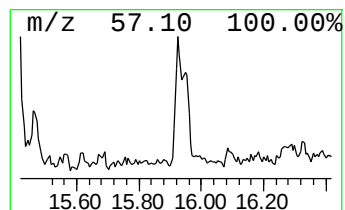
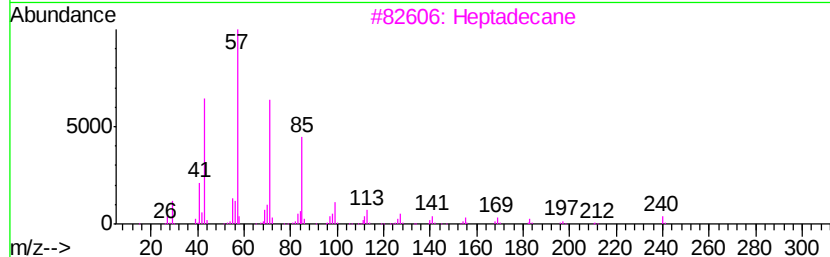
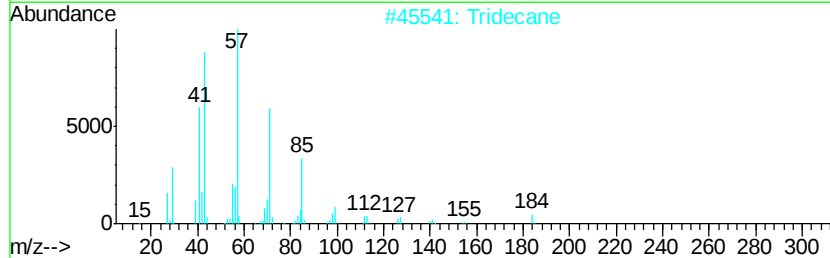
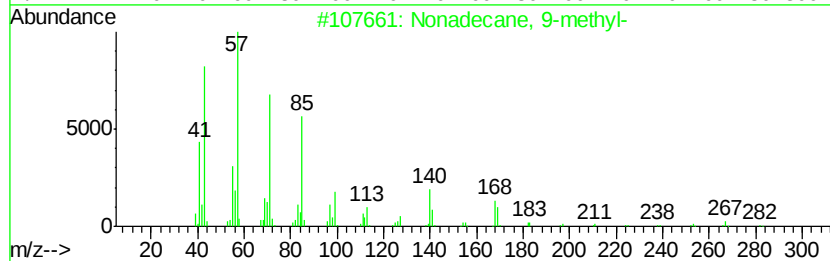
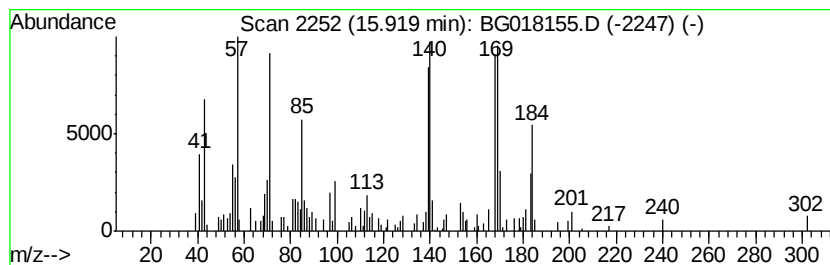
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.45 ng/ul	106323	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58
2		Tridecane	184	C13H28	000629-50-5	43
3		Heptadecane	240	C17H36	000629-78-7	38
4		Dodecane	170	C12H26	000112-40-3	30
5		Octane, 2-methyl-	128	C9H20	003221-61-2	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
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ClientSampleId :
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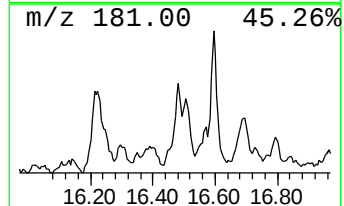
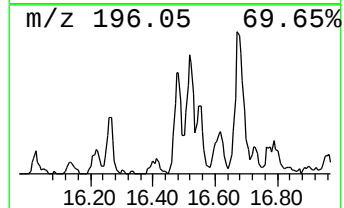
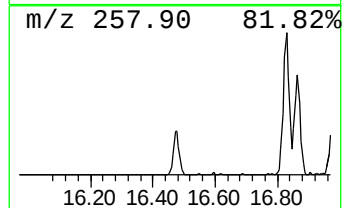
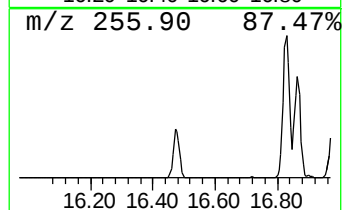
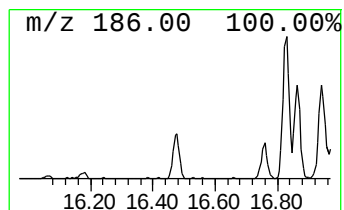
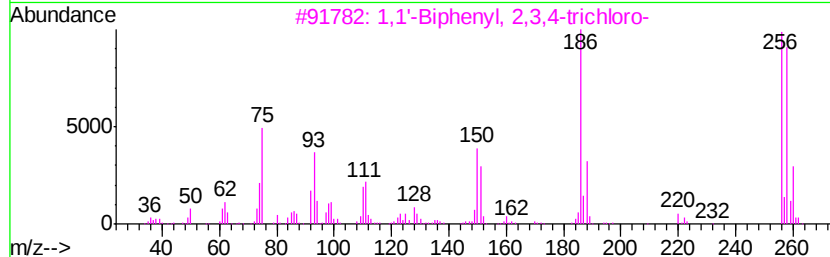
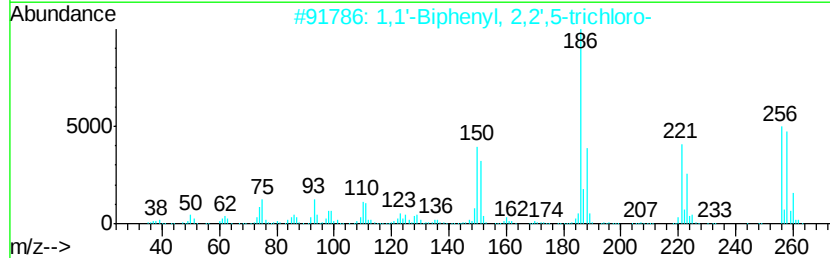
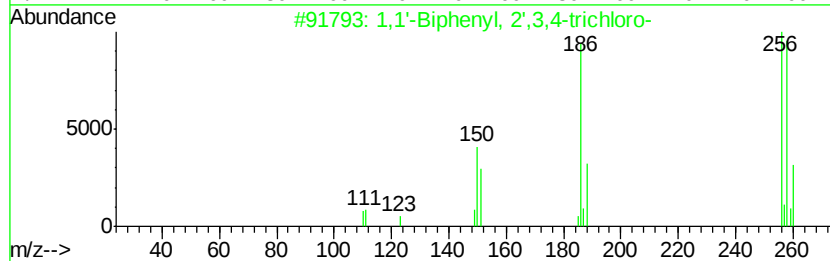
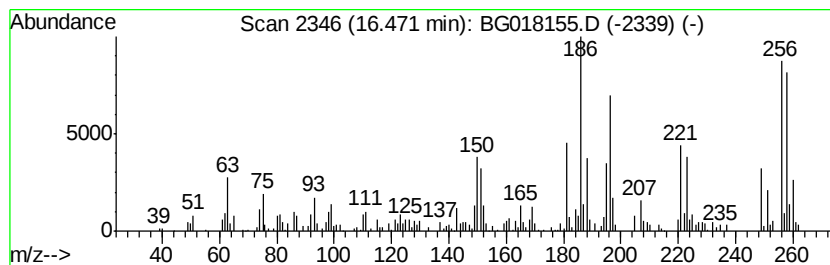
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	5.03 ng/ul	155026	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
2			1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	91
3			1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	91
4			1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	90
5			1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
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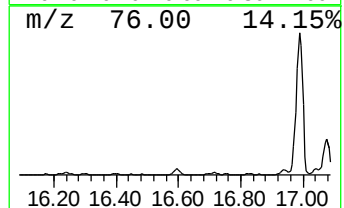
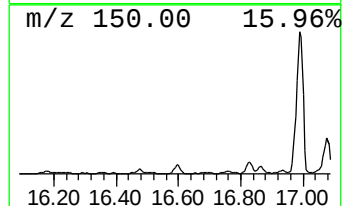
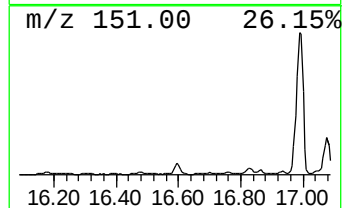
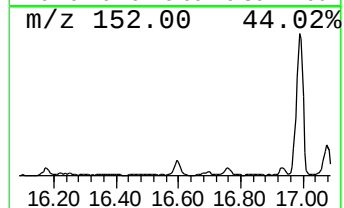
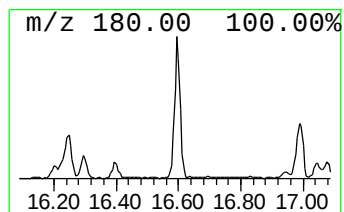
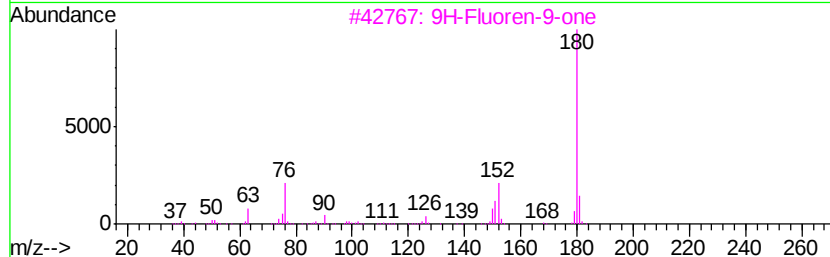
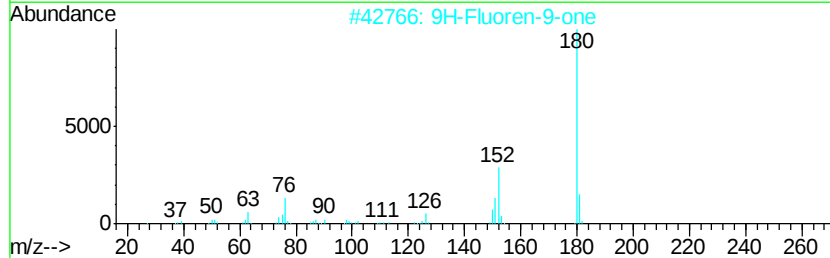
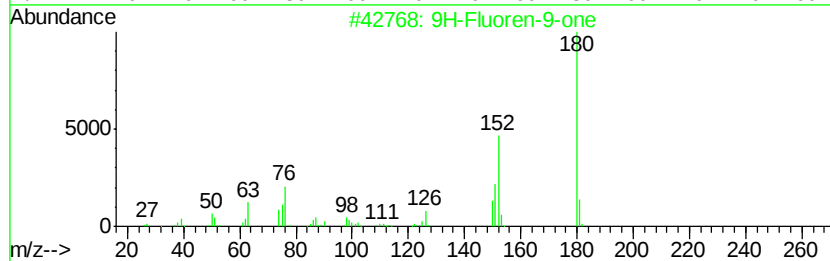
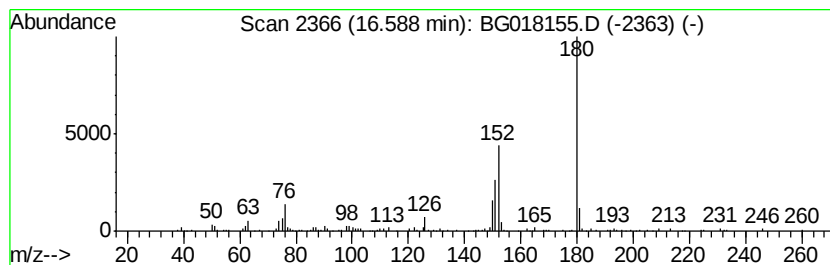
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	5.02 ng/ul	154836	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
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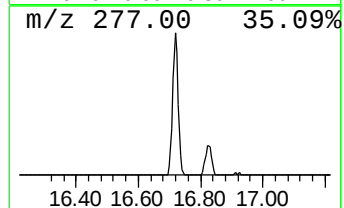
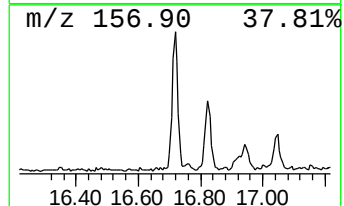
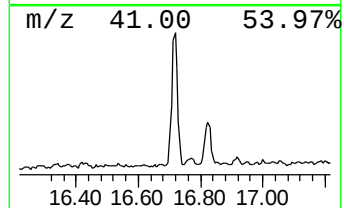
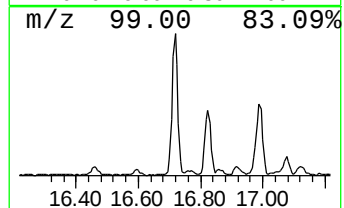
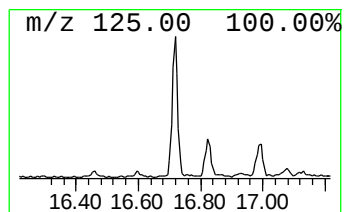
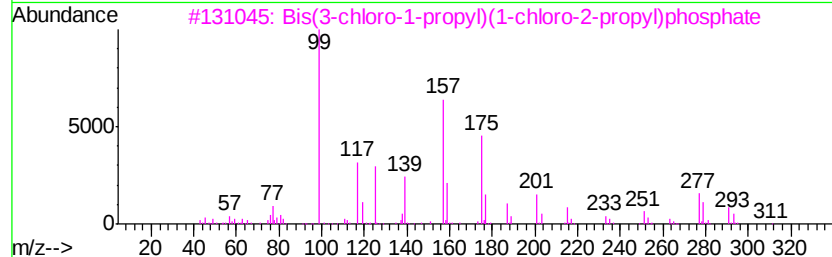
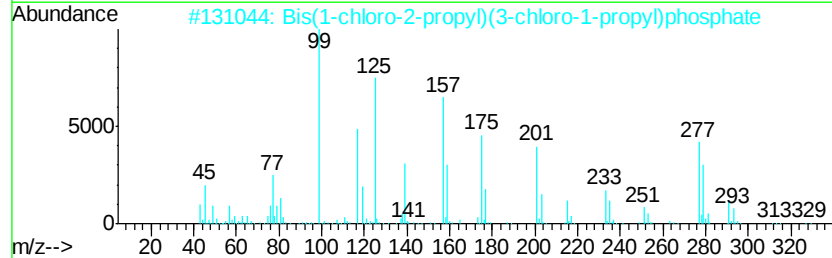
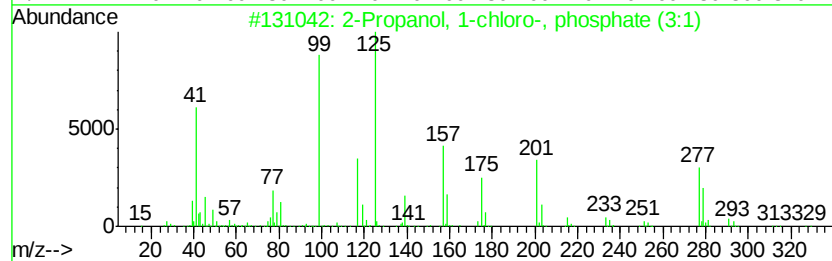
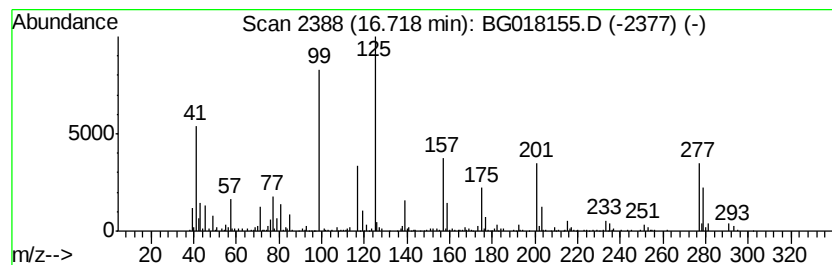
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 2-Propanol, 1-chloro-, phos... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	14.06 ng/ul	433607	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	95
2		Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	35
3		Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	27
4		2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	25
5		Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
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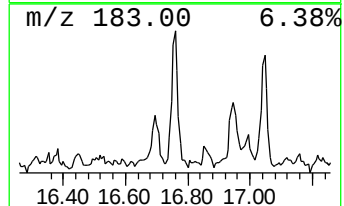
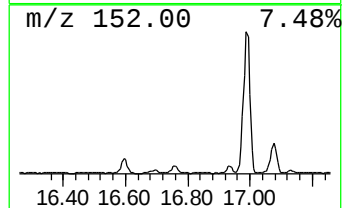
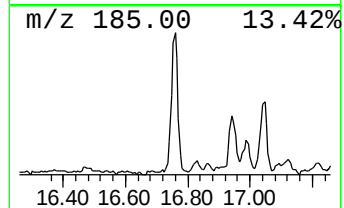
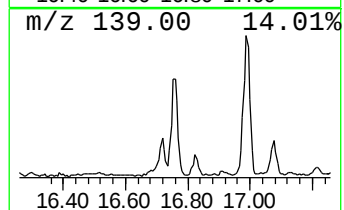
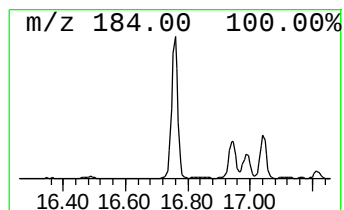
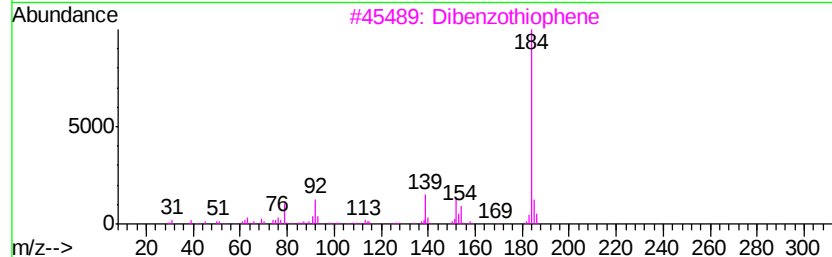
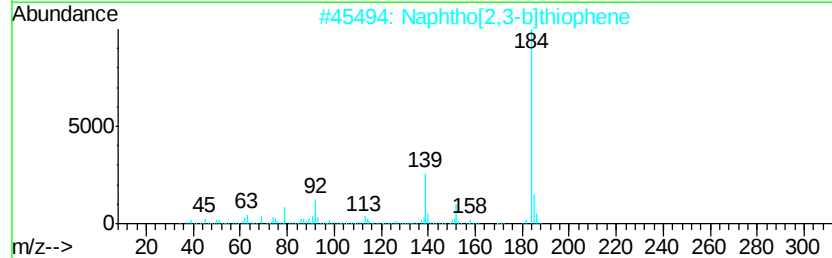
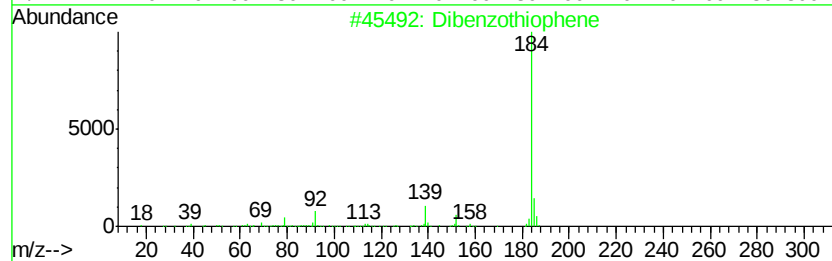
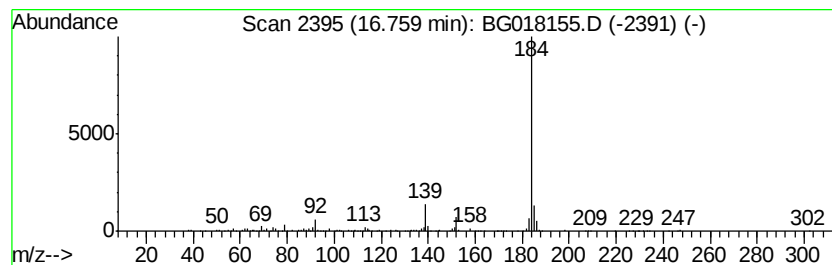
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	9.11 ng/ul	281083	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	91
4		Dibenzothiophene	184	C12H8S	000132-65-0	86
5		Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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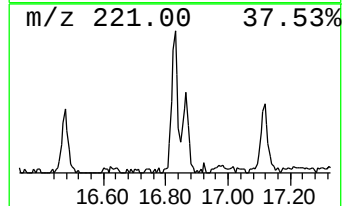
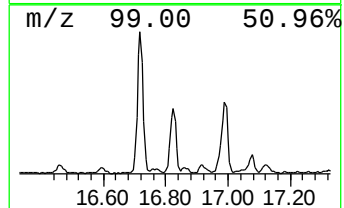
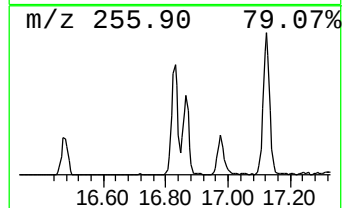
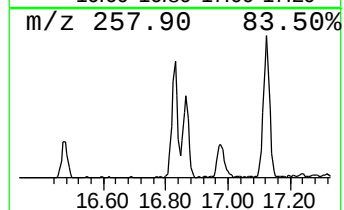
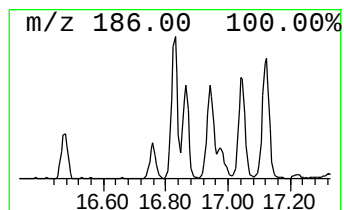
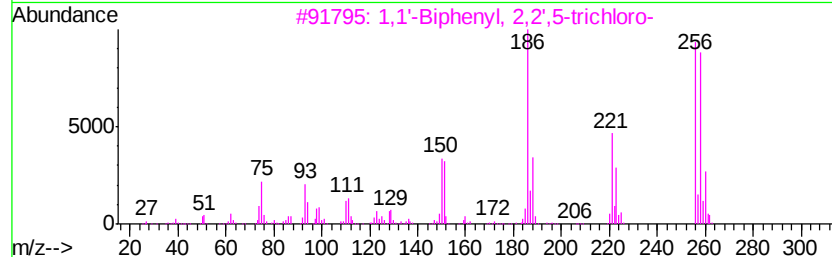
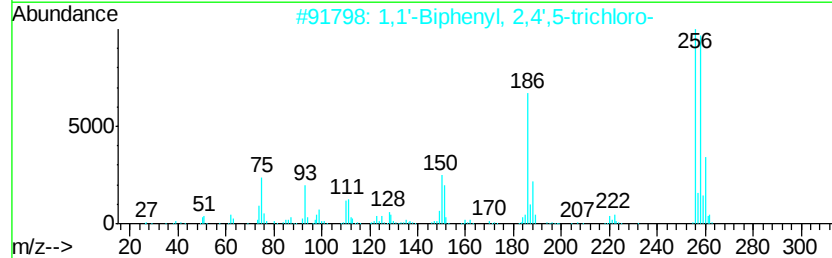
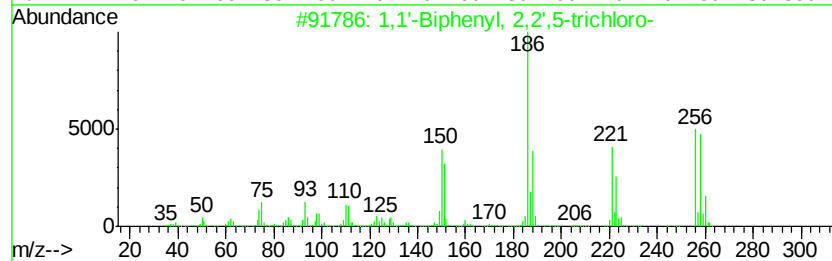
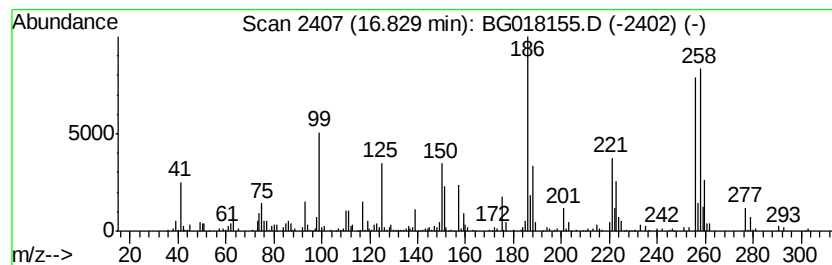
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	8.47 ng/ul	261358	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2			1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
3			1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	95
4			1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	93
5			1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
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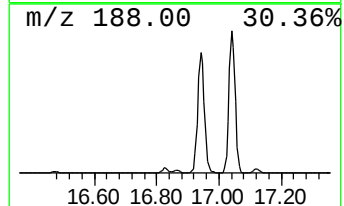
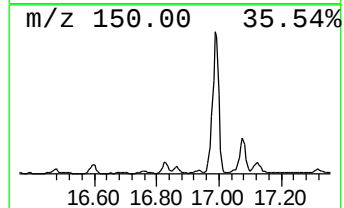
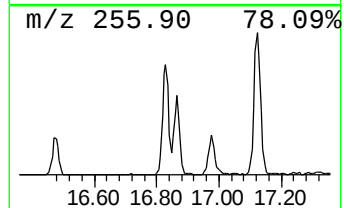
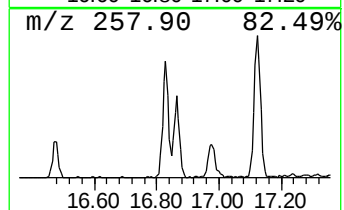
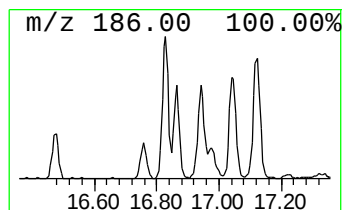
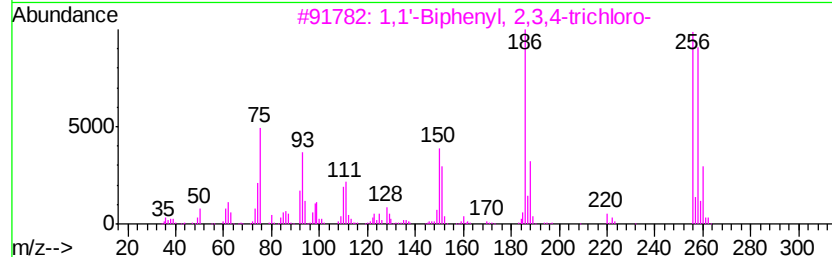
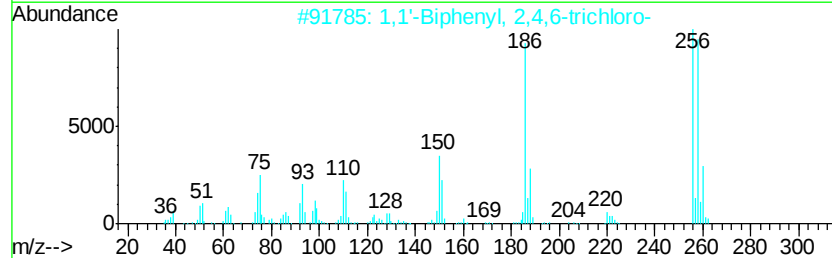
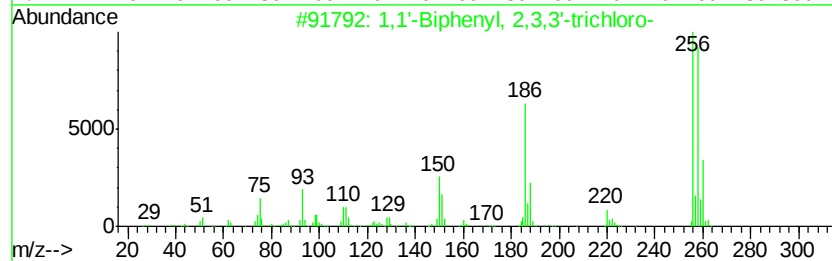
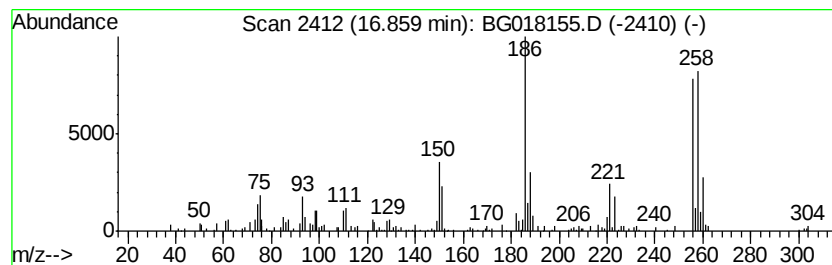
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	3.51 ng/ul	108250	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	95
2			1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	94
3			1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	94
4			1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	94
5			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M0

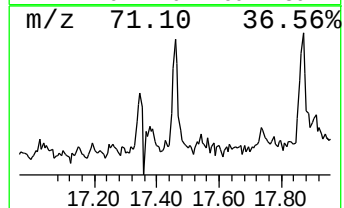
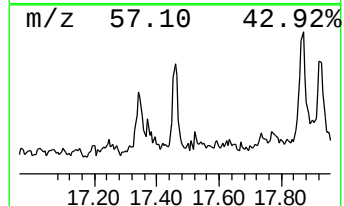
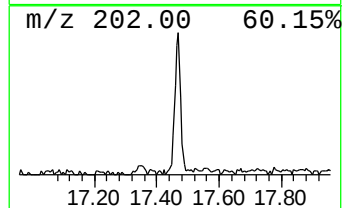
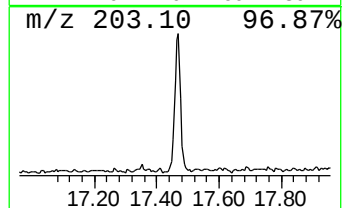
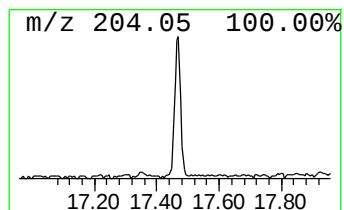
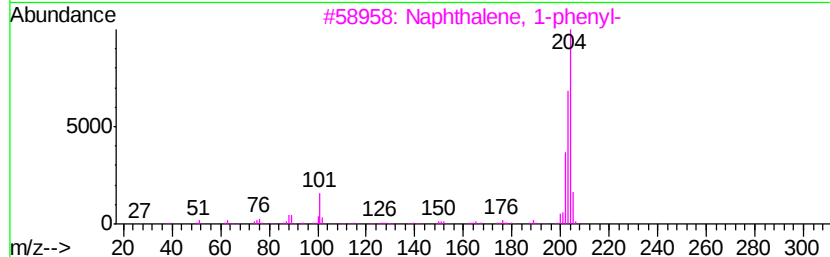
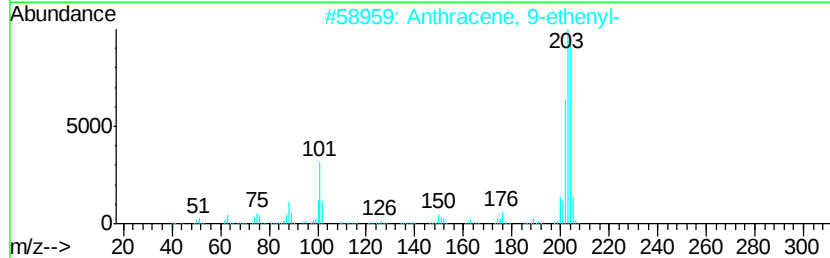
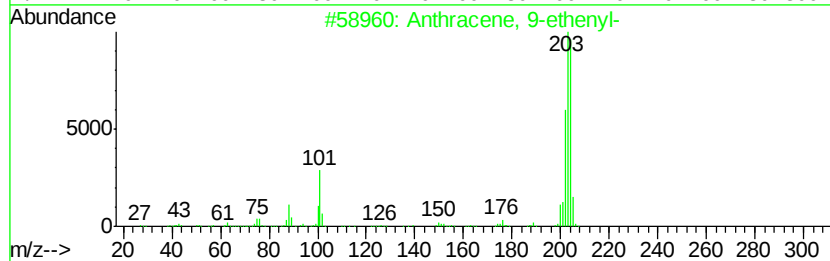
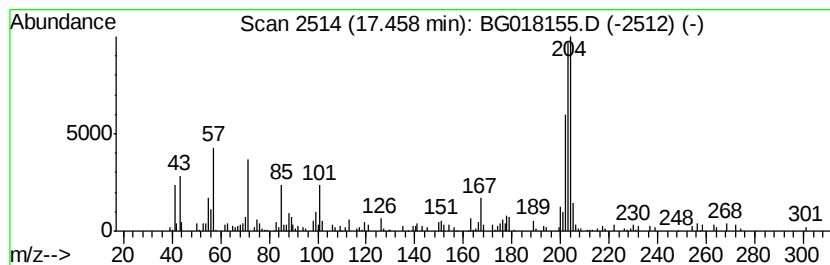
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Anthracene, 9-ethenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	2.73 ng/ul	84186	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92
4			1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	89
5			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
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Misc :
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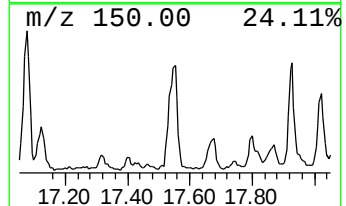
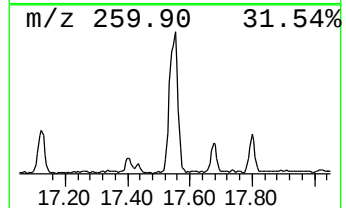
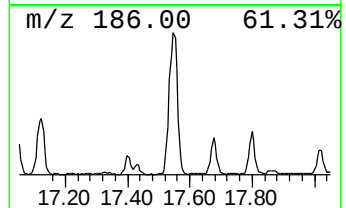
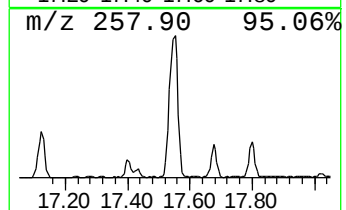
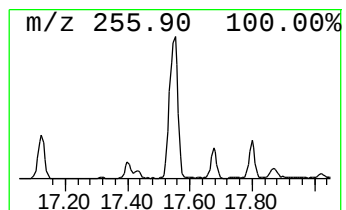
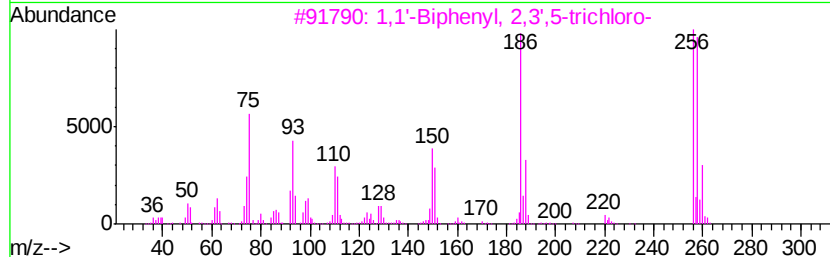
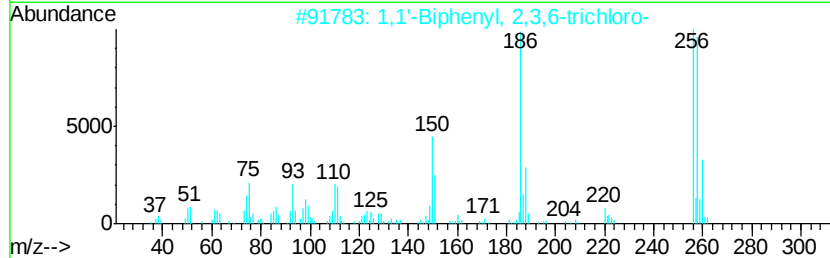
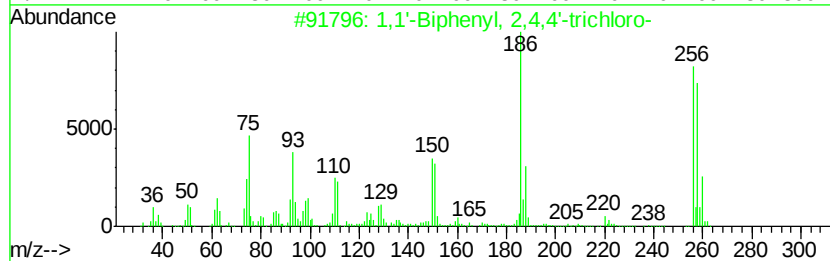
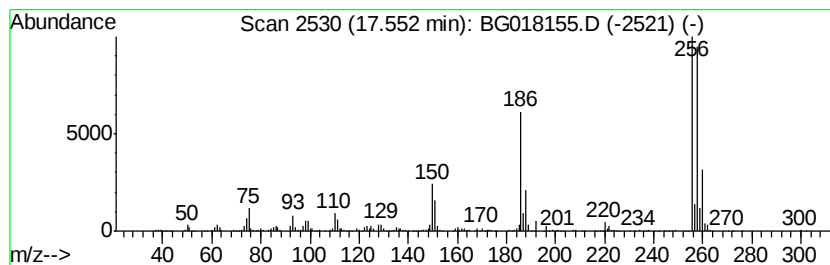
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	23.27 ng/ul	717710	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2		1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
3		1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98
4		1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
5		1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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Acq On : 28 Jul 2015 20:22
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Misc :
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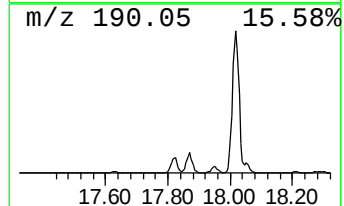
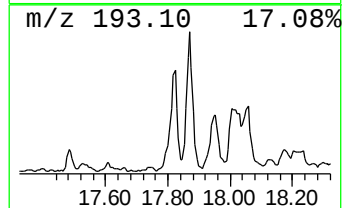
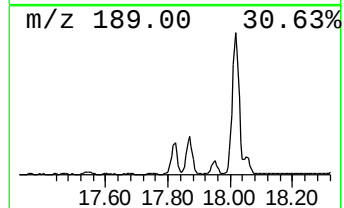
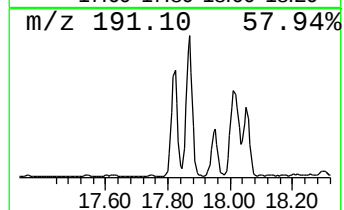
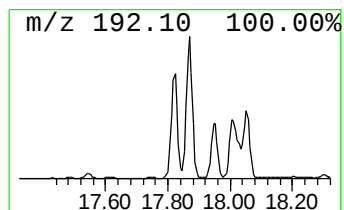
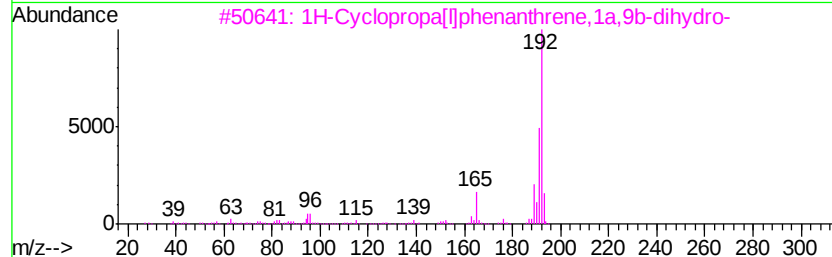
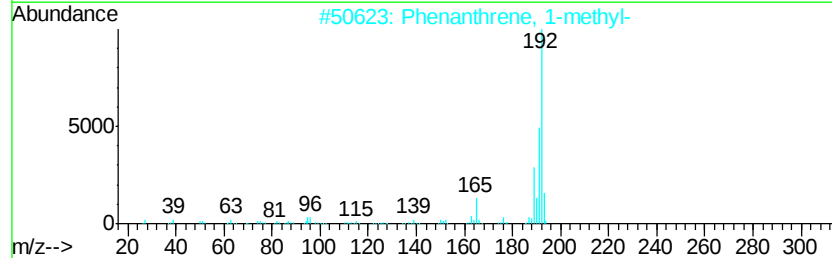
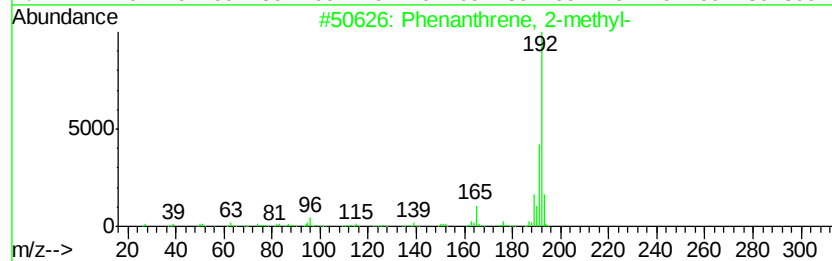
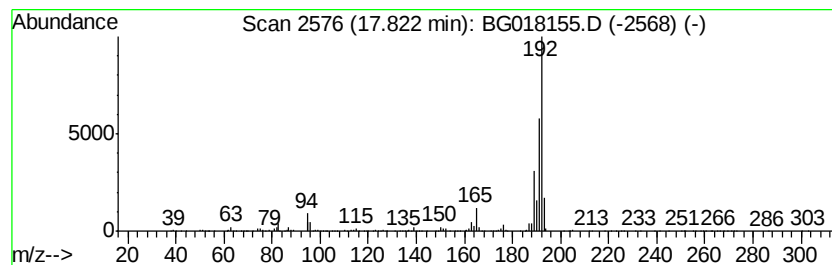
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.82	17.12 ng/ul	527993	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
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Sample : G3030-03
Misc :
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Instrument :
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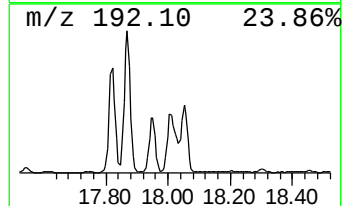
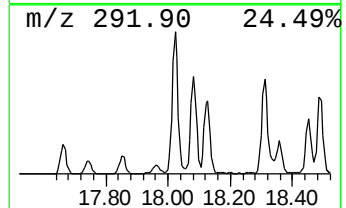
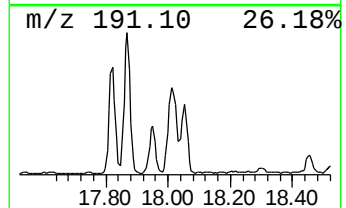
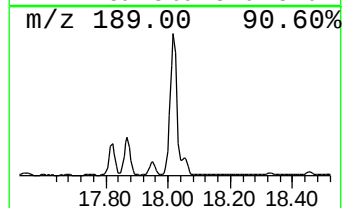
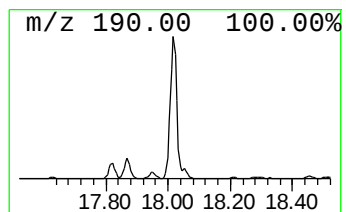
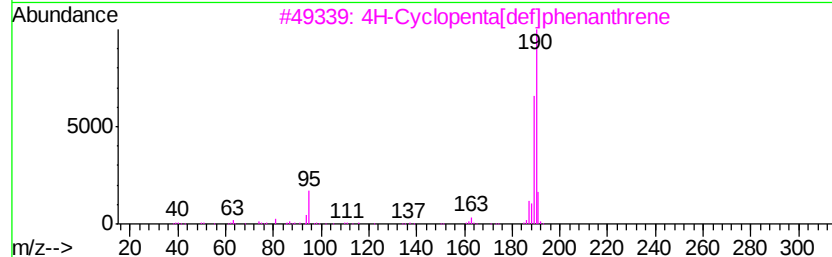
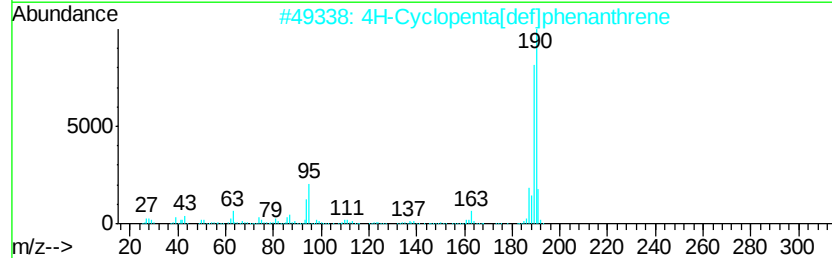
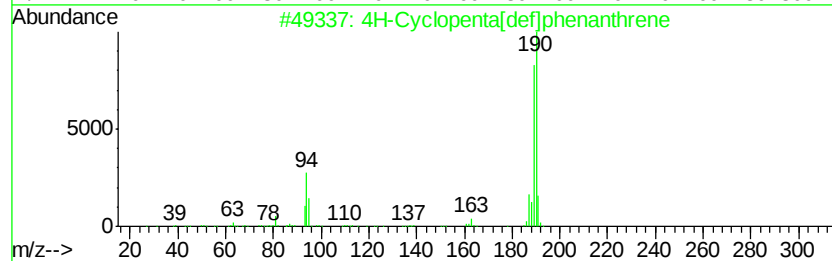
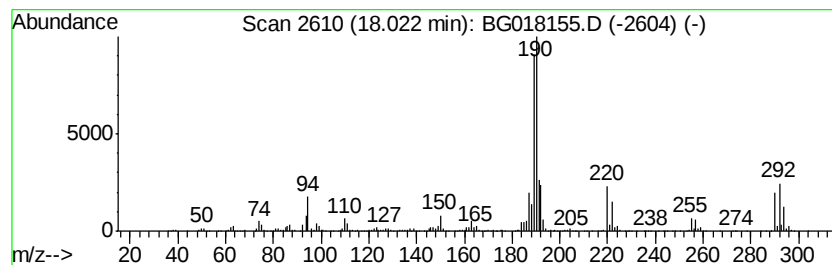
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	38.64 ng/ul	1191730	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
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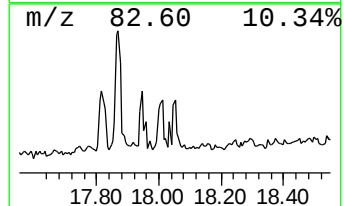
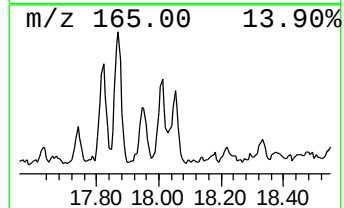
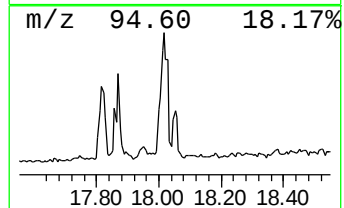
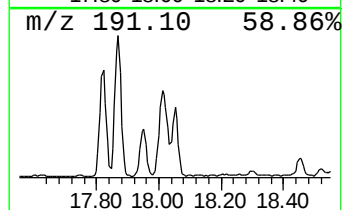
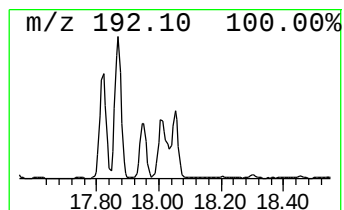
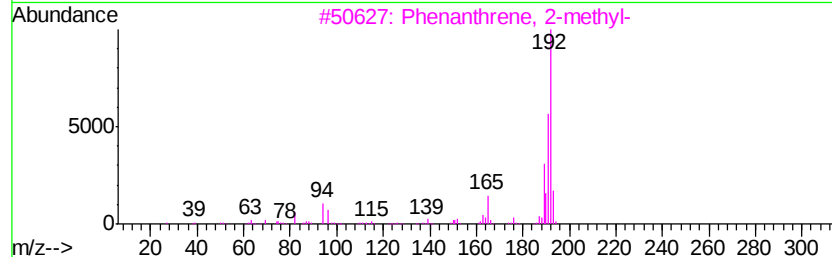
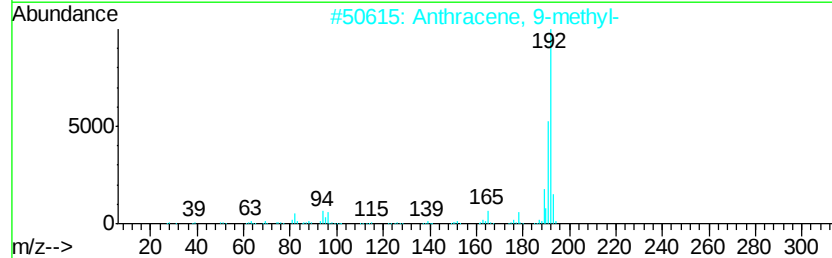
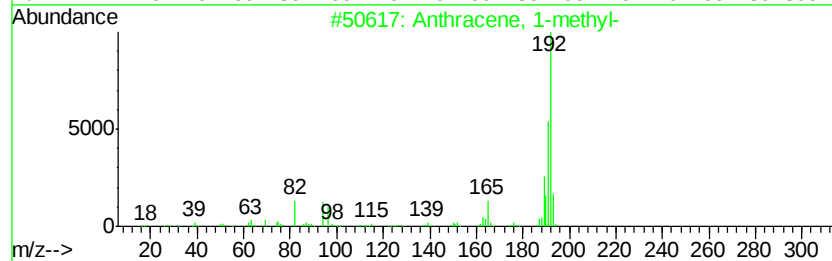
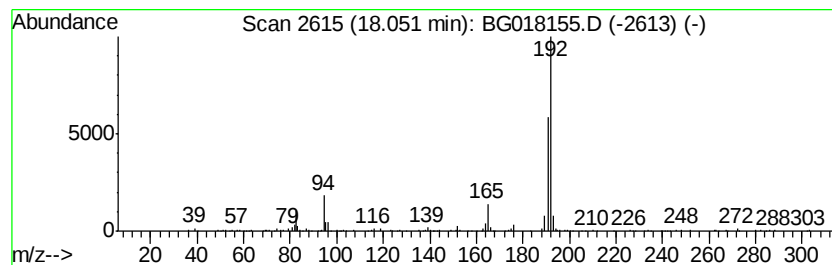
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	7.02 ng/ul	216393	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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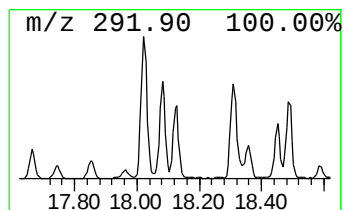
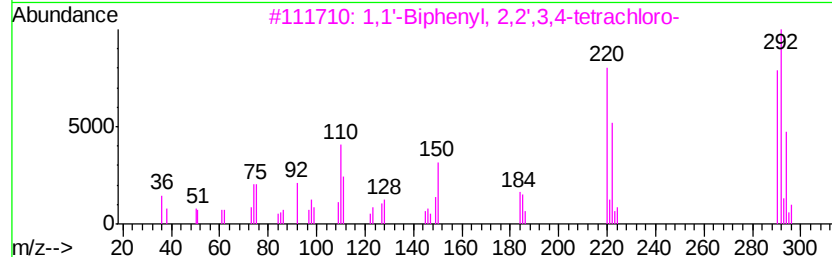
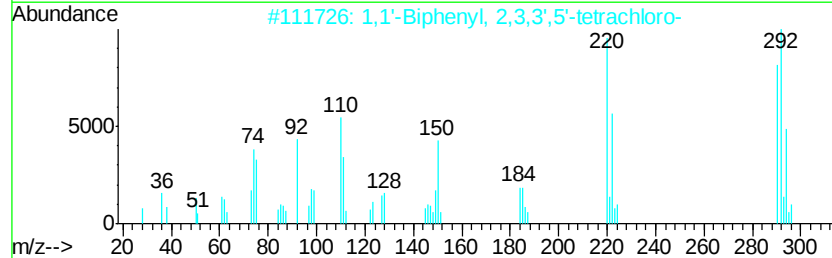
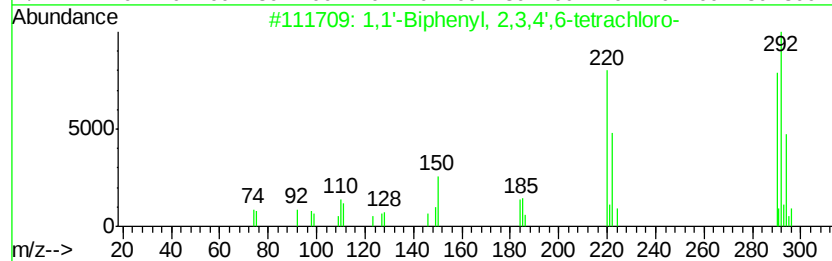
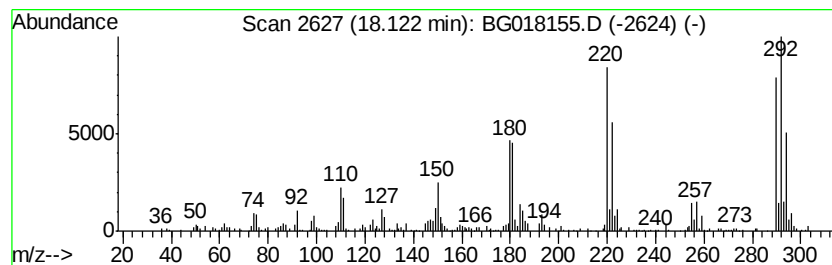
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	5.25 ng/ul	162049	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	99
2	1,1'	-Biphenyl,	2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'	-Biphenyl,	2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'	-Biphenyl,	2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'	-Biphenyl,	3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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Sample : G3030-03
Misc :
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ClientSampleId :
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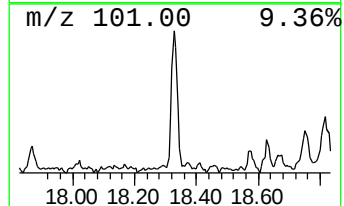
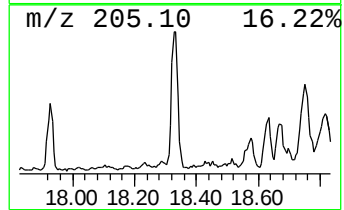
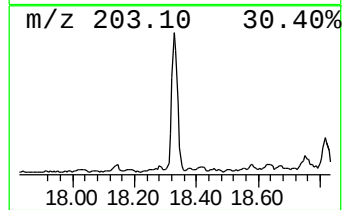
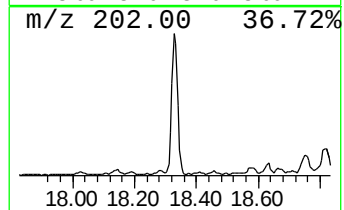
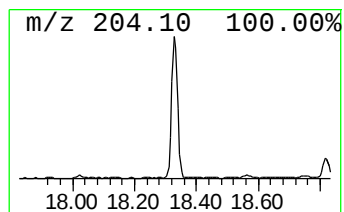
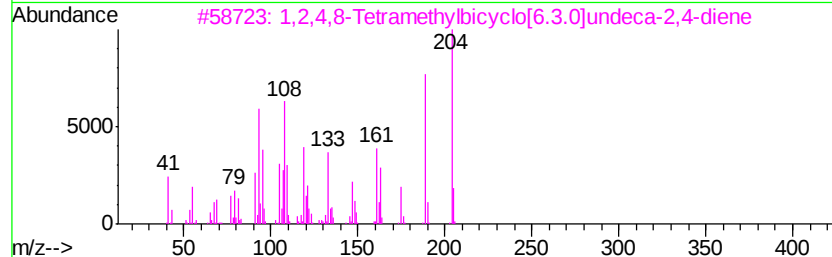
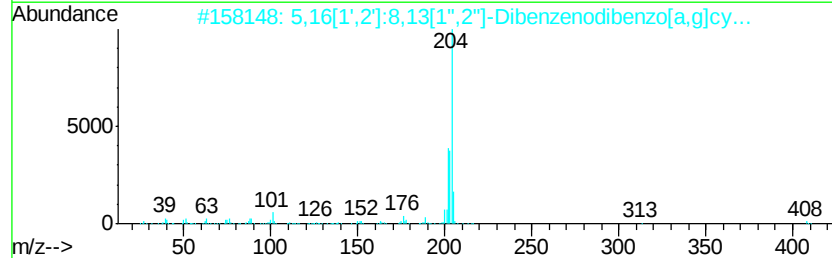
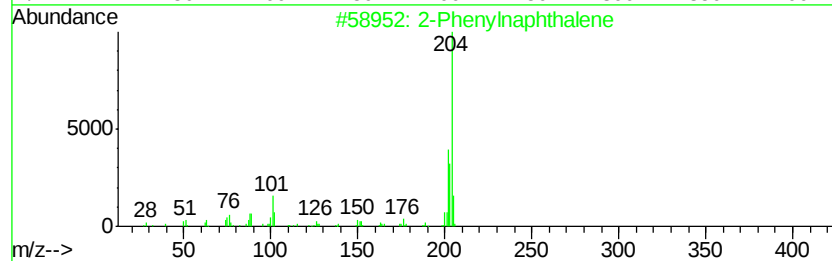
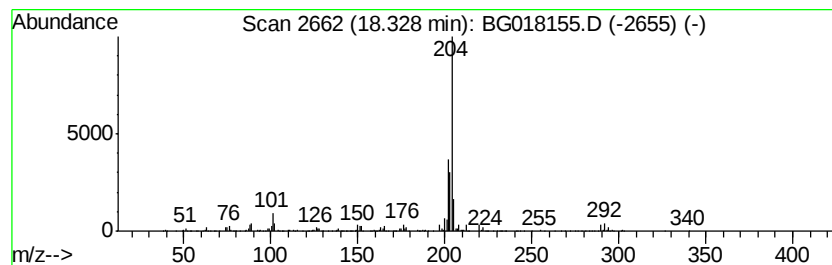
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 2-Phenylnaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	17.29 ng/ul	533126	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2		5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3		1,2,4,8-Tetramethylbicvclo[6.3.0]...	204	C15H24	137235-51-9	86
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M0

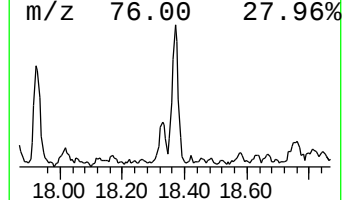
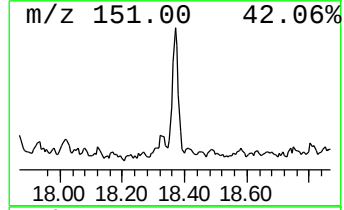
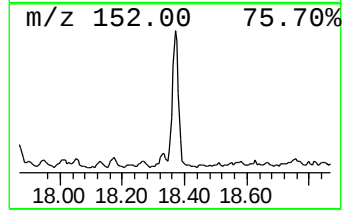
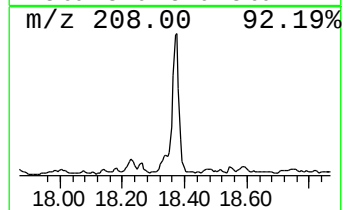
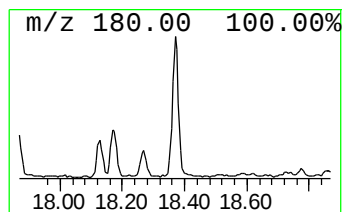
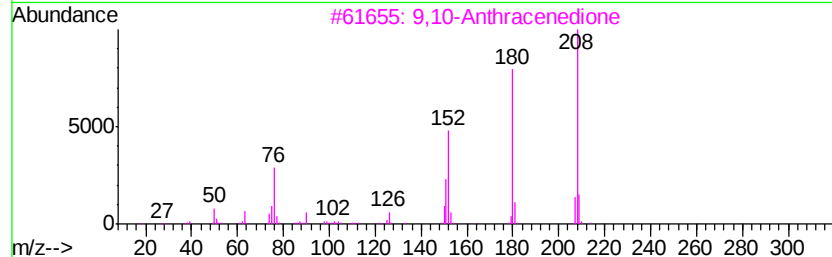
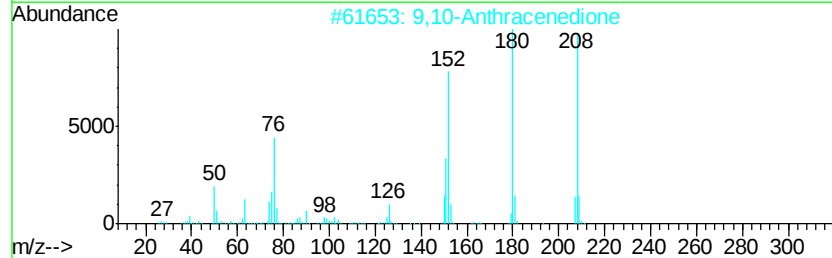
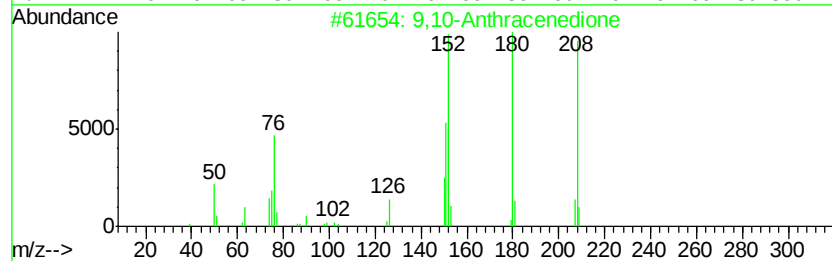
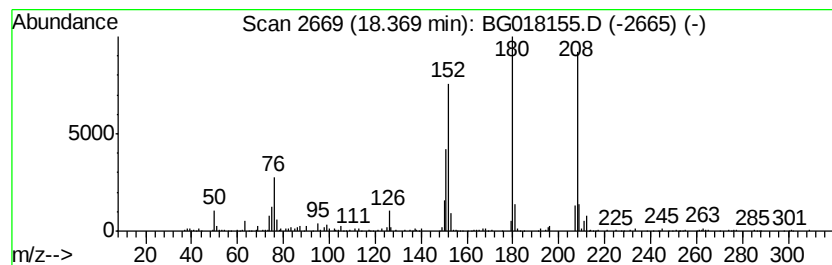
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	9.20 ng/ul	283821	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4		Benzo[cl]cinoline	180	C12H8N2	000230-17-1	86
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
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ClientSampleId :
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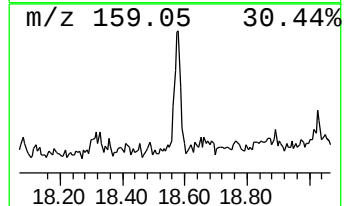
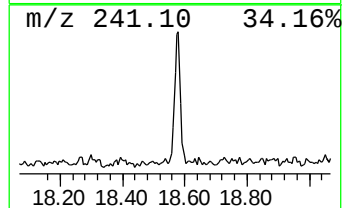
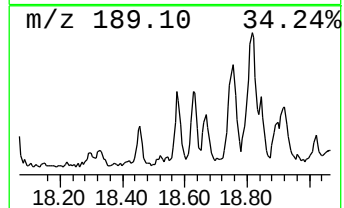
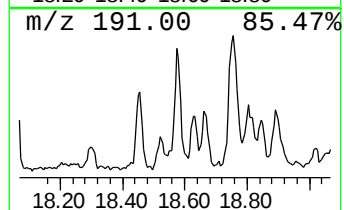
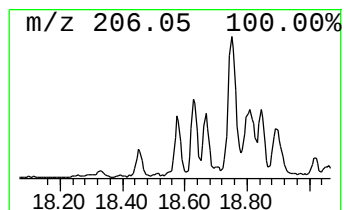
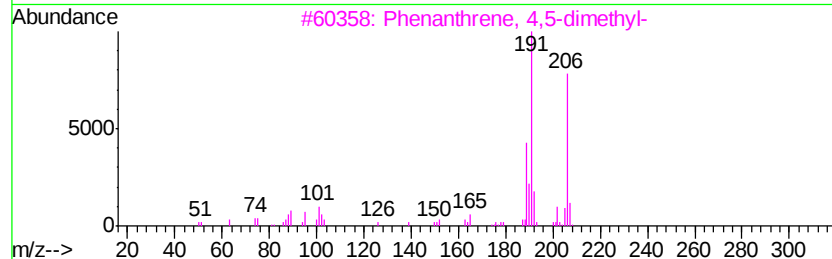
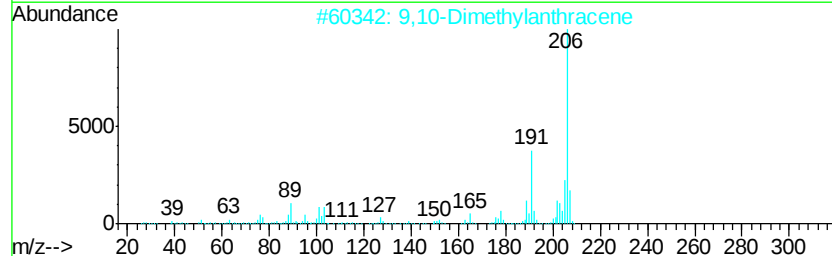
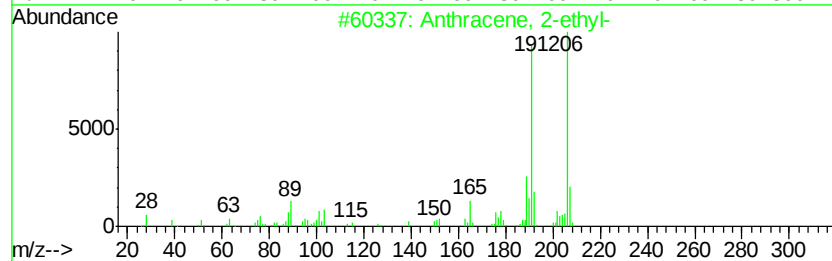
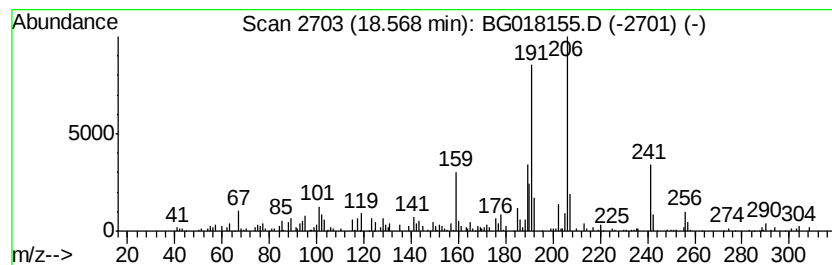
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Anthracene, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.65 ng/ul	143465	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	81
3		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	72
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	72
5		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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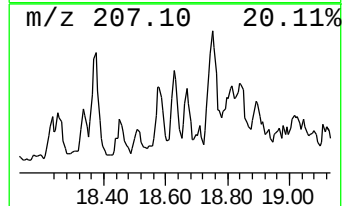
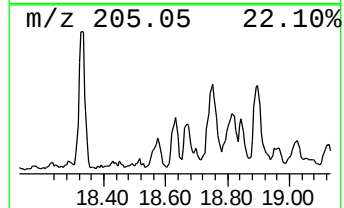
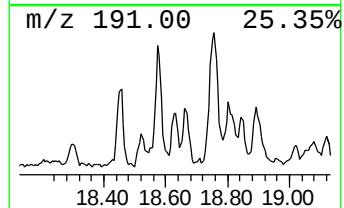
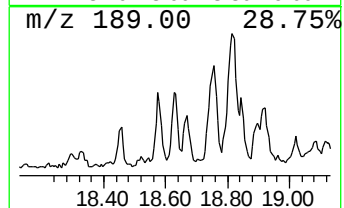
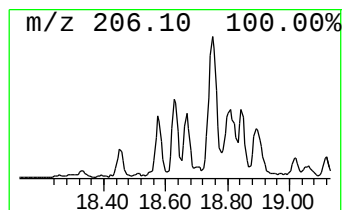
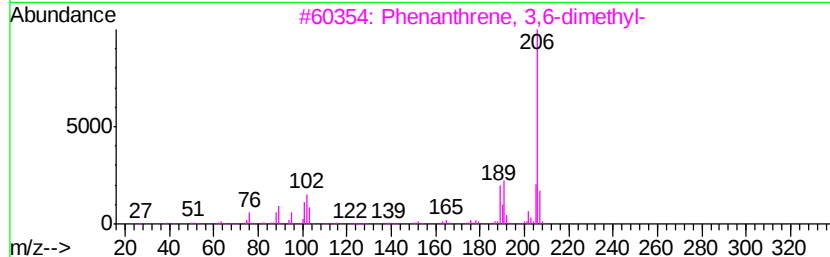
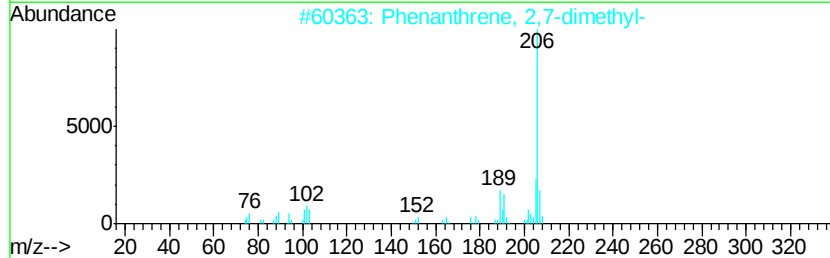
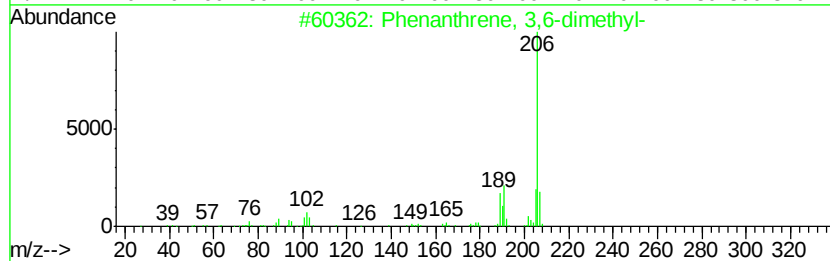
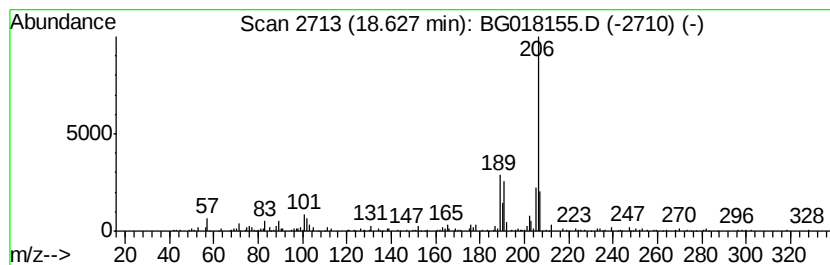
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.72 ng/ul	83956	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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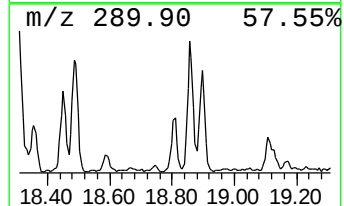
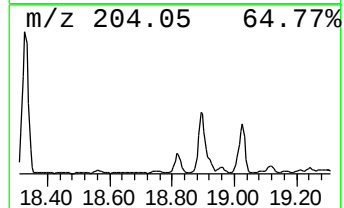
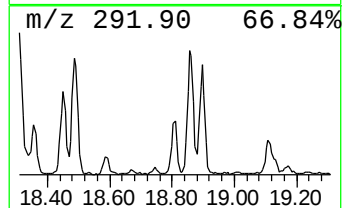
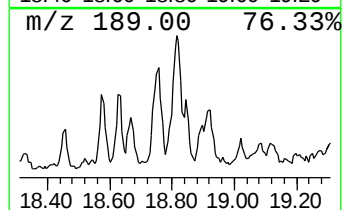
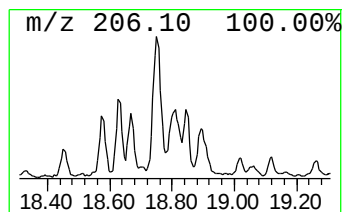
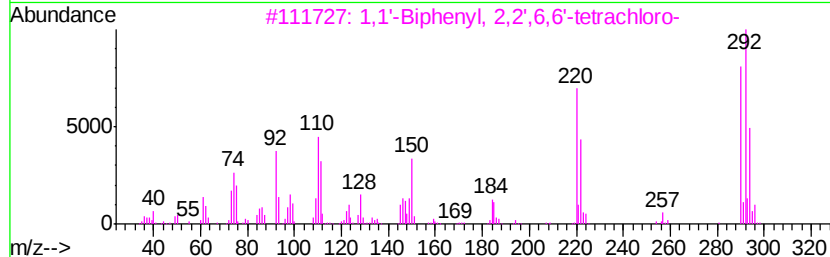
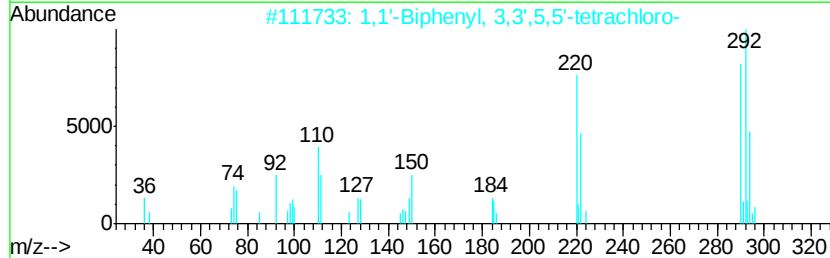
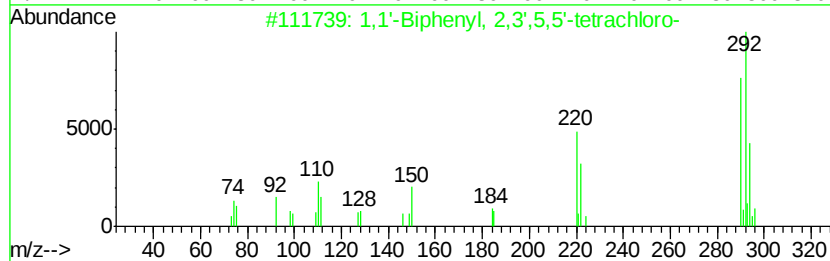
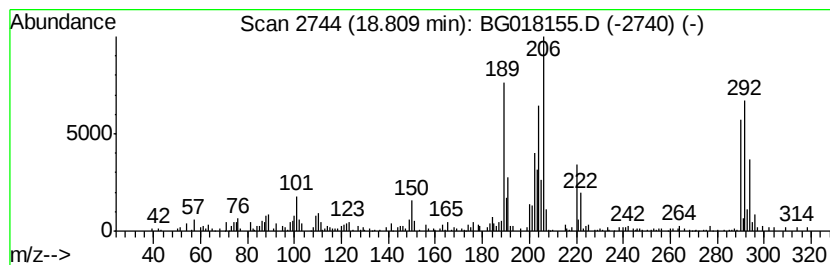
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	5.60 ng/ul	172838	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	93
2			1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	78
3			1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	76
4			1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	76
5			1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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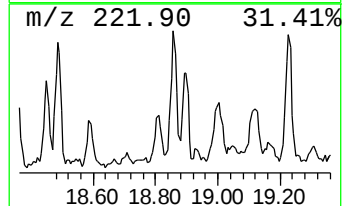
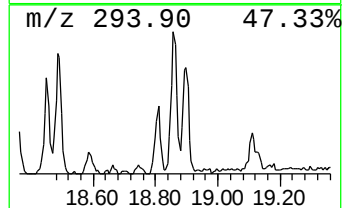
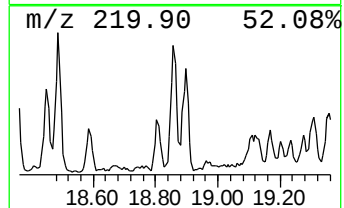
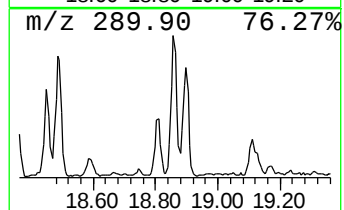
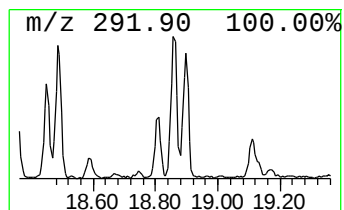
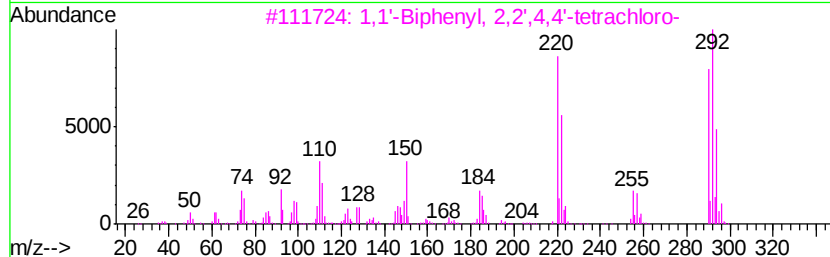
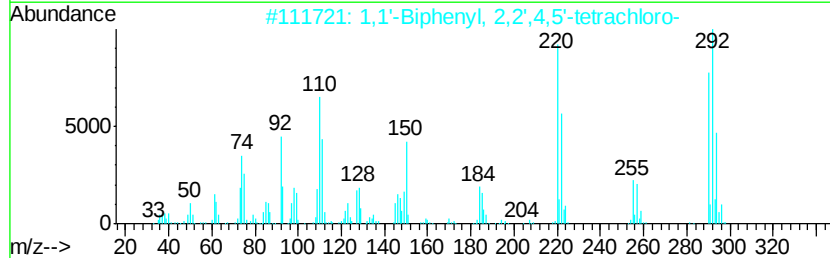
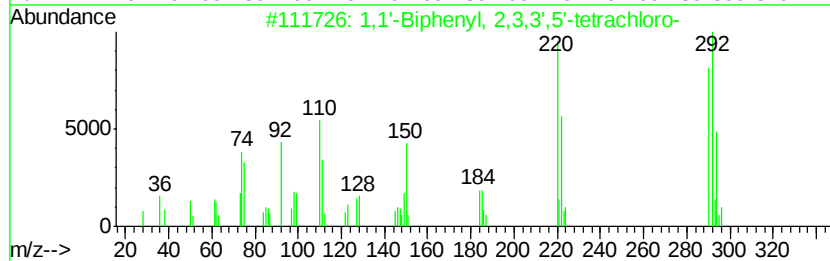
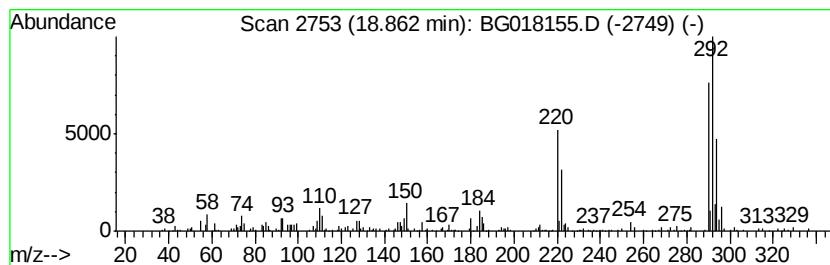
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	5.42 ng/ul	167064	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2			1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
3			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
4			1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96
5			1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId :
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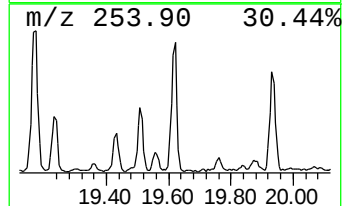
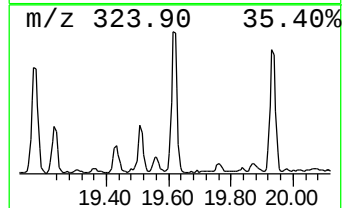
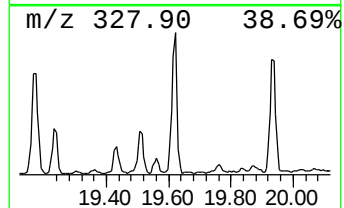
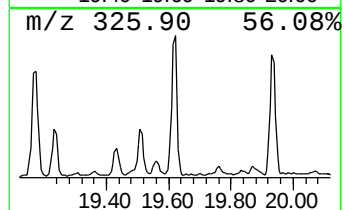
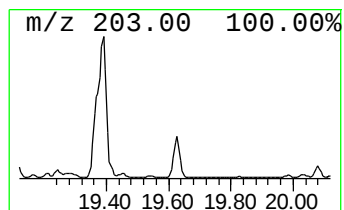
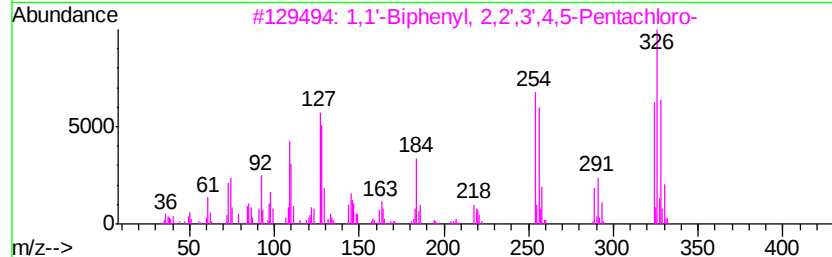
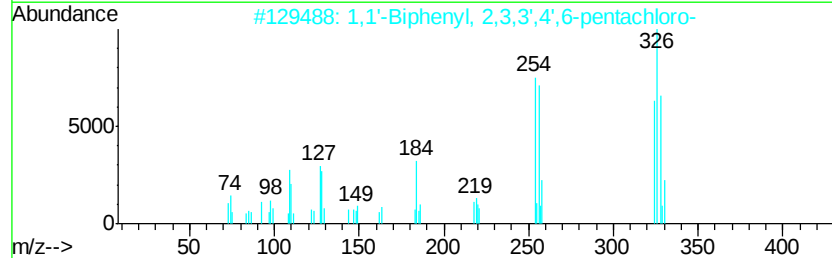
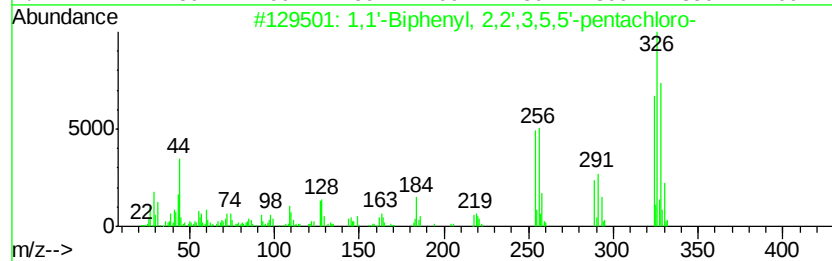
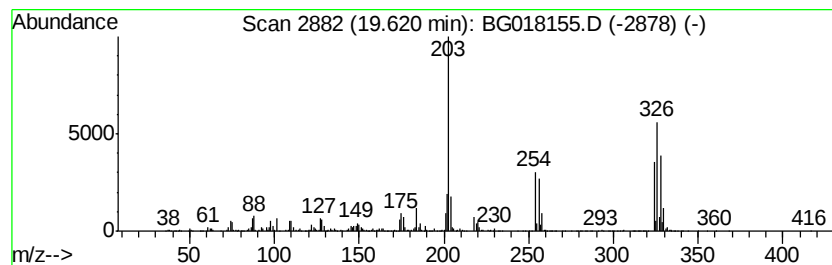
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.75 ng/ul	644022	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97
2		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	97
3		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
5		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	92



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018155.D
Acq On : 28 Jul 2015 20:22
Operator : TP/UM
Sample : G3030-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M0

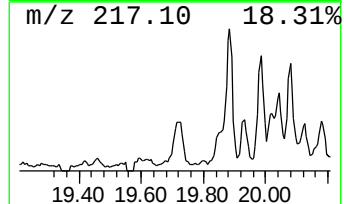
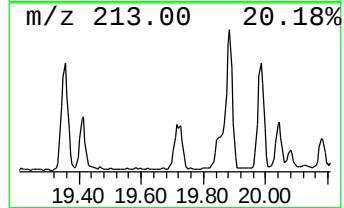
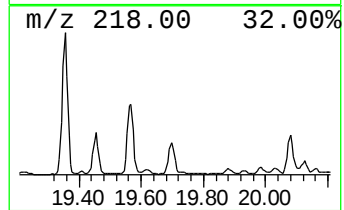
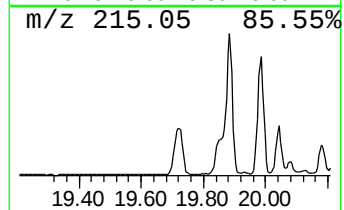
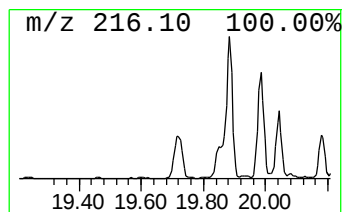
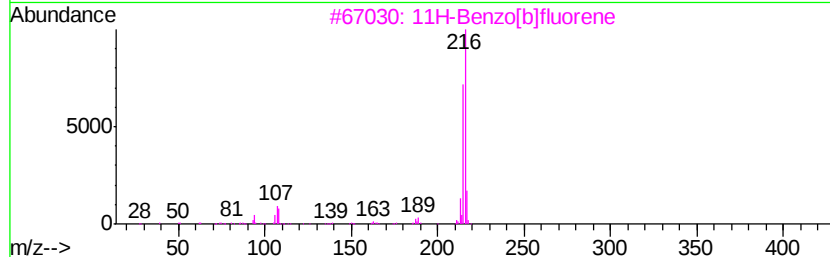
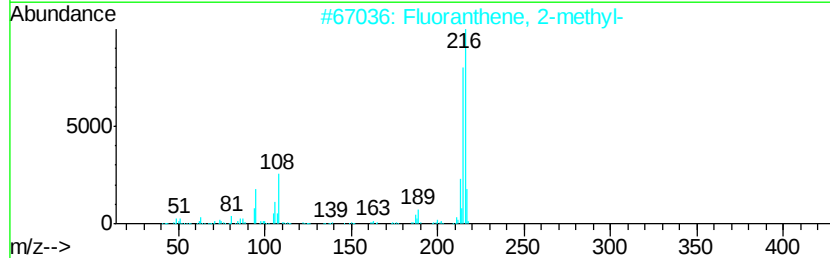
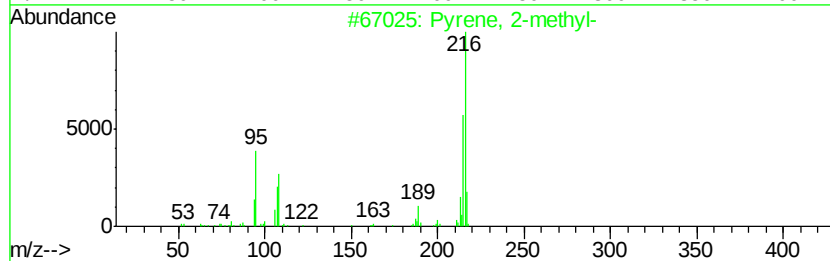
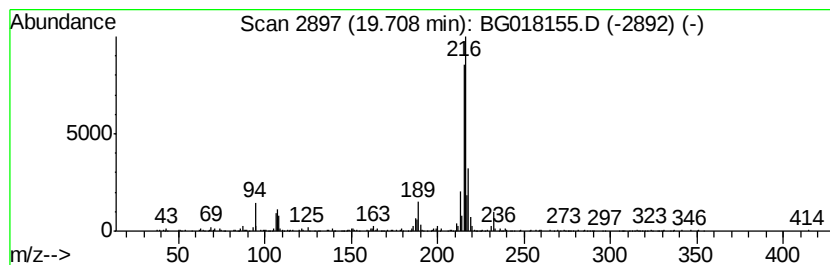
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Pyrene, 2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.18 ng/ul	510055	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018155.D
 Acq On : 28 Jul 2015 20:22
 Operator : TP/UM
 Sample : G3030-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M0

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
Stannane, tributyl...	15.41	13.0	ng/ul	348927	3	14.19	538604	20.0
1,1'-Biphenyl, 2,...	15.45	5.1	ng/ul	137306	3	14.19	538604	20.0
Dibenzofuran, 4-m...	15.54	3.8	ng/ul	102350	3	14.19	538604	20.0
(DEL) Alkane: Str...	15.92	3.5	ng/ul	106323	4	16.94	616791	20.0
1,1'-Biphenyl, 2'...	16.47	5.0	ng/ul	155026	4	16.94	616791	20.0
9H-Fluoren-9-one	16.59	5.0	ng/ul	154836	4	16.94	616791	20.0
2-Propanol, 1-chl...	16.72	14.1	ng/ul	433607	4	16.94	616791	20.0
Dibenzothiophene	16.76	9.1	ng/ul	281083	4	16.94	616791	20.0
1,1'-Biphenyl, 2,...	16.83	8.5	ng/ul	261358	4	16.94	616791	20.0
1,1'-Biphenyl, 2,...	16.86	3.5	ng/ul	108250	4	16.94	616791	20.0
Anthracene, 9-eth...	17.46	2.7	ng/ul	84186	4	16.94	616791	20.0
1,1'-Biphenyl, 2,...	17.55	23.3	ng/ul	717710	4	16.94	616791	20.0
Phenanthrene, 2-m...	17.82	17.1	ng/ul	527993	4	16.94	616791	20.0
4H-Cyclopenta[def...	18.02	38.6	ng/ul	1191730	4	16.94	616791	20.0
Anthracene, 1-met...	18.05	7.0	ng/ul	216393	4	16.94	616791	20.0
1,1'-Biphenyl, 3,...	18.08	4.8	ng/ul	149669	4	16.94	616791	20.0
1,1'-Biphenyl, 2,...	18.12	5.3	ng/ul	162049	4	16.94	616791	20.0
2-Phenylanthracene	18.33	17.3	ng/ul	533126	4	16.94	616791	20.0
9,10-Anthracenedione	18.37	9.2	ng/ul	283821	4	16.94	616791	20.0
Anthracene, 2-ethyl-	18.57	4.7	ng/ul	143465	4	16.94	616791	20.0
Phenanthrene, 3,6...	18.63	2.7	ng/ul	83956	4	16.94	616791	20.0
1,1'-Biphenyl, 2,...	18.81	5.6	ng/ul	172838	4	16.94	616791	20.0
1,1'-Biphenyl, 2,...	18.86	5.4	ng/ul	167064	4	16.94	616791	20.0
1,1'-Biphenyl, 2,...	19.62	2.8	ng/ul	644022	5	21.15	4678830	20.0
Pyrene, 2-methyl-	19.71	2.2	ng/ul	510055	5	21.15	4678830	20.0