

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018259.D
 Acq On : 4 Aug 2015 18:55
 Operator : UM/TP
 Sample : G3095-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M5

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-BG073115.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	2.931	38	41	46	rVB5	6544	11119	1.15%	0.070%
2	3.272	95	99	106	rVB4	11316	16771	1.73%	0.106%
3	3.454	126	130	133	rBV4	8886	12970	1.34%	0.082%
4	6.650	668	674	682	rBV	126827	202285	20.87%	1.277%
5	6.791	693	698	704	rVB	82748	121359	12.52%	0.766%
6	6.985	725	731	739	rBV	132738	202285	20.87%	1.277%
7	7.449	804	810	818	rVB	213562	326065	33.64%	2.059%
8	7.996	899	903	907	rBV5	2686	4861	0.50%	0.031%
9	8.178	929	934	942	rBV	145800	236807	24.43%	1.495%
10	8.278	949	951	955	rVB3	3482	4231	0.44%	0.027%
11	8.607	999	1007	1013	rBV	117645	195605	20.18%	1.235%
12	9.059	1081	1084	1090	rBV2	2648	4971	0.51%	0.031%
13	9.324	1123	1129	1135	rBV	119117	195720	20.19%	1.236%
14	9.870	1216	1222	1231	rVB	181280	294013	30.33%	1.856%
15	10.099	1257	1261	1264	rBV3	3010	4139	0.43%	0.026%
16	10.234	1276	1284	1290	rBV	304907	502643	51.86%	3.174%
17	10.281	1290	1292	1300	rVB2	5515	7582	0.78%	0.048%
18	10.381	1303	1309	1316	rVV	73117	125929	12.99%	0.795%
19	10.610	1345	1348	1354	rVB4	3660	6067	0.63%	0.038%
20	11.909	1563	1569	1575	rVV4	5029	10711	1.11%	0.068%
21	12.144	1605	1609	1612	rVB3	2483	4162	0.43%	0.026%
22	12.720	1704	1707	1712	rBV3	5993	8950	0.92%	0.057%
23	12.955	1744	1747	1752	rVB	5551	6598	0.68%	0.042%
24	13.284	1798	1803	1804	rBV	3158	4353	0.45%	0.027%
25	13.542	1842	1847	1852	rVV	301643	428521	44.21%	2.706%
26	13.595	1852	1856	1861	rVV	173450	235862	24.33%	1.489%
27	13.683	1864	1871	1874	rBV2	2529	5012	0.52%	0.032%
28	13.818	1886	1894	1899	rBV	321650	467554	48.24%	2.952%
29	14.047	1928	1933	1938	rBV2	5343	7888	0.81%	0.050%
30	14.130	1940	1947	1954	rVV2	494313	737534	76.09%	4.657%
31	14.188	1954	1957	1964	rVB3	6557	11537	1.19%	0.073%
32	14.376	1984	1989	1997	rBV	114725	166068	17.13%	1.049%
33	14.506	2008	2011	2014	rBV4	8906	13480	1.39%	0.085%
34	14.858	2068	2071	2073	rBV2	3822	4052	0.42%	0.026%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
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35	14.946	2081	2086	2087	rBV4	3262	4659	0.48%	0.029%
36	15.005	2092	2096	2103	rVB3	11450	14809	1.53%	0.093%
37	15.128	2111	2117	2123	rBV	420926	564780	58.27%	3.566%
38	15.187	2124	2127	2128	rVV2	5671	5850	0.60%	0.037%
39	15.205	2128	2130	2133	rVB3	6998	6834	0.71%	0.043%
40	15.270	2137	2141	2151	rBV	142112	198633	20.49%	1.254%
41	15.411	2160	2165	2169	rBV4	4582	10104	1.04%	0.064%
42	15.640	2198	2204	2210	rVB6	5148	11352	1.17%	0.072%
43	15.869	2239	2243	2251	rVB4	19038	32200	3.32%	0.203%
44	16.421	2332	2337	2341	rBV3	27790	40965	4.23%	0.259%
45	16.544	2354	2358	2361	rBV5	8718	12148	1.25%	0.077%
46	16.621	2368	2371	2373	rBV3	8067	9775	1.01%	0.062%
47	16.668	2375	2379	2383	rVB4	17719	23183	2.39%	0.146%
48	16.768	2392	2396	2400	rBV6	5477	8046	0.83%	0.051%
49	16.803	2400	2402	2405	rBV4	7320	8221	0.85%	0.052%
50	16.885	2410	2416	2421	rBV	648438	925274	95.46%	5.842%
51	16.926	2421	2423	2428	rVB	76560	89475	9.23%	0.565%
52	16.985	2428	2433	2438	rBV2	429979	589378	60.80%	3.721%
53	17.073	2444	2448	2452	rVV6	15632	21632	2.23%	0.137%
54	17.132	2456	2458	2461	rBV4	4847	5410	0.56%	0.034%
55	17.273	2478	2482	2484	rBV4	20450	30867	3.18%	0.195%
56	17.408	2501	2505	2508	rBV3	17342	22168	2.29%	0.140%
57	17.496	2512	2520	2526	rVB6	34929	62426	6.44%	0.394%
58	17.608	2534	2539	2545	rVB3	67865	99050	10.22%	0.625%
59	17.684	2548	2552	2557	rBV2	67186	86415	8.92%	0.546%
60	17.761	2559	2565	2568	rBV6	13872	25535	2.63%	0.161%
61	17.808	2569	2573	2578	rVV3	61442	83907	8.66%	0.530%
62	17.872	2581	2584	2586	rBV	10566	10771	1.11%	0.068%
63	17.966	2595	2600	2603	rBV4	48011	73024	7.53%	0.461%
64	18.025	2606	2610	2613	rVV4	45091	55051	5.68%	0.348%
65	18.066	2613	2617	2630	rVB	110503	169450	17.48%	1.070%
66	18.237	2643	2646	2651	rBV5	42423	67376	6.95%	0.425%
67	18.395	2670	2673	2676	rBV4	18224	19867	2.05%	0.125%
68	18.495	2688	2690	2695	rBV5	12250	18556	1.91%	0.117%
69	18.683	2718	2722	2728	rBV8	19660	49688	5.13%	0.314%
70	18.824	2742	2746	2753	rVB3	135414	199467	20.58%	1.259%
71	18.912	2757	2761	2764	rBV4	36283	42473	4.38%	0.268%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

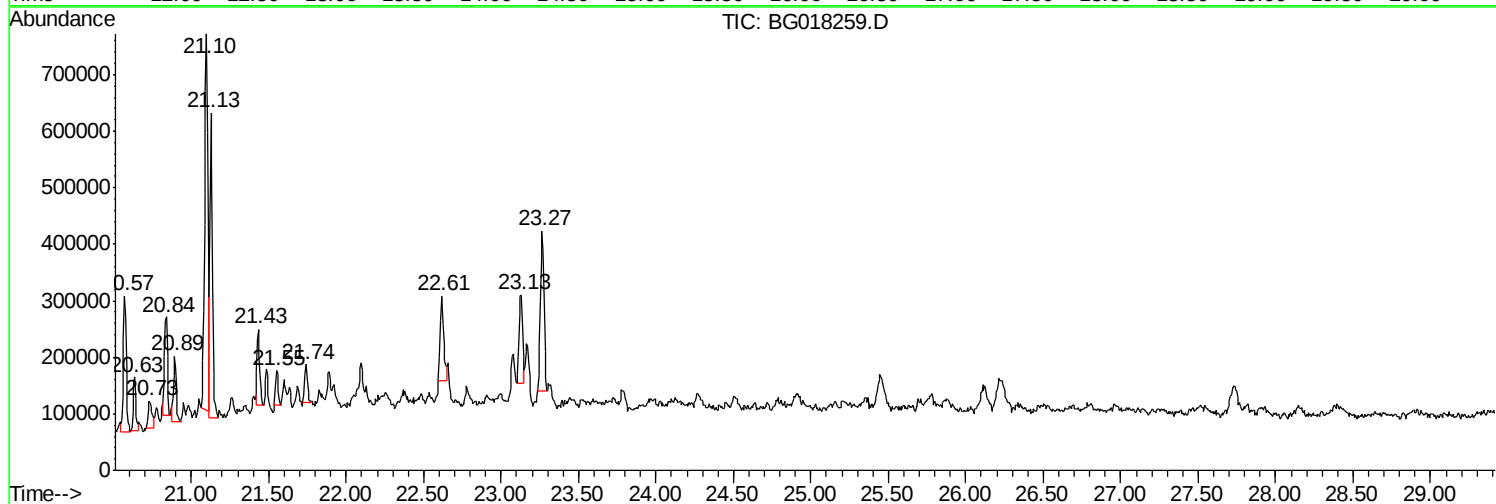
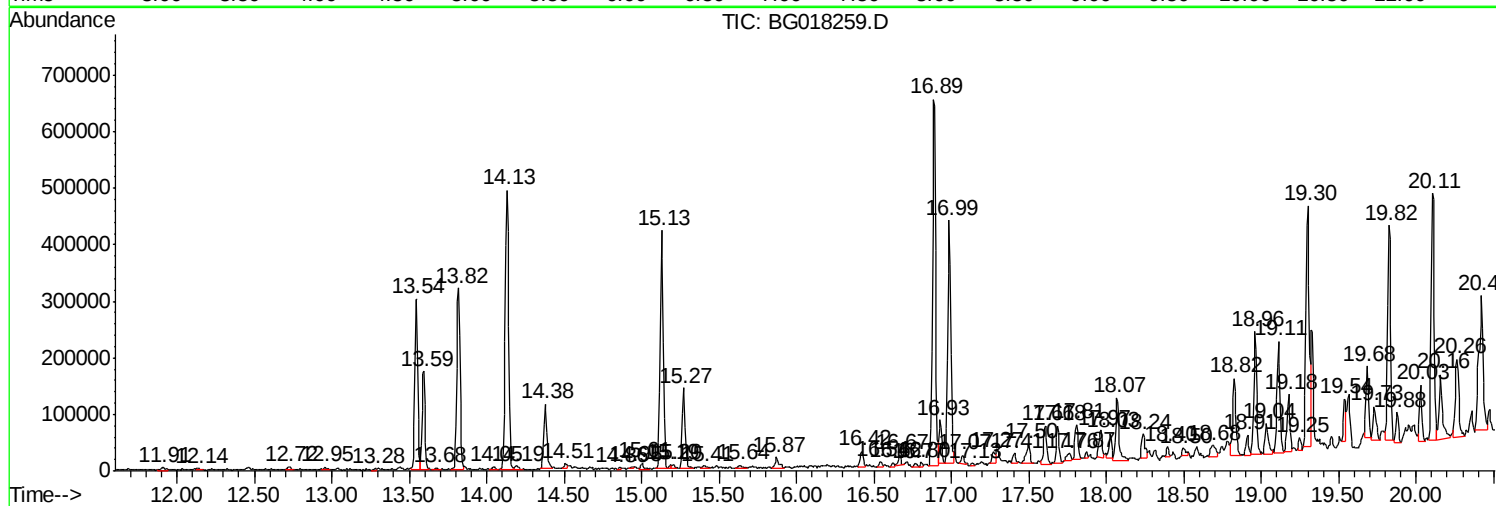
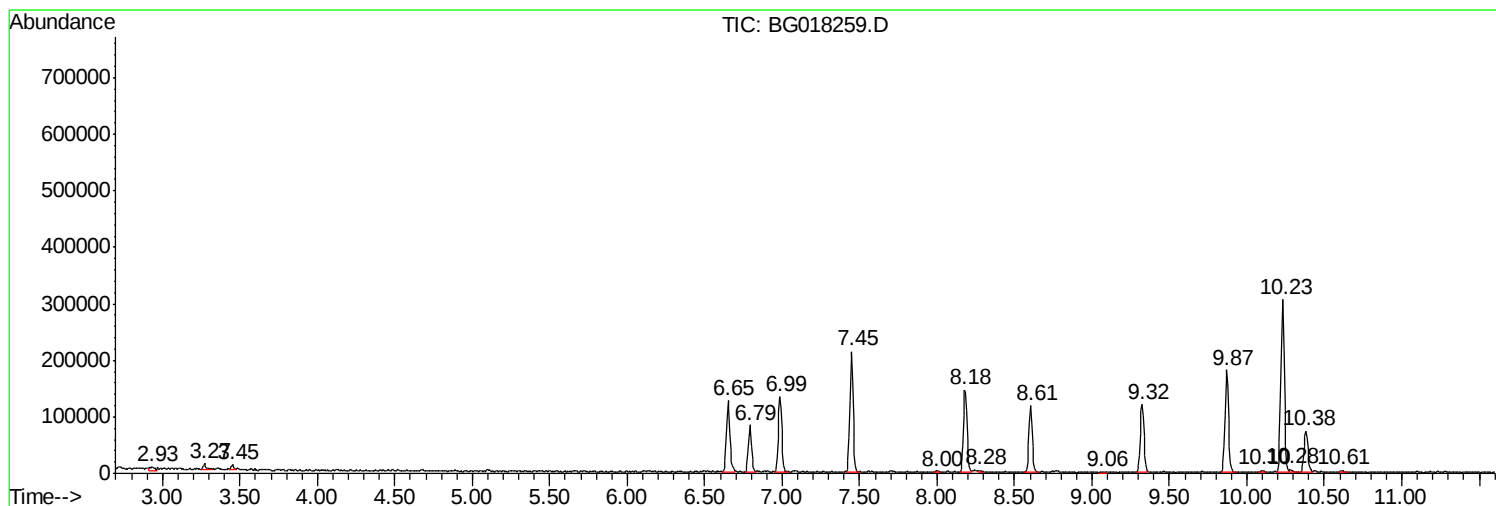
72	18.959	2764	2769	2775	rVB	216449	283499	29.25%	1.790%
73	19.036	2778	2782	2788	rBV6	52561	82128	8.47%	0.519%
74	19.112	2790	2795	2801	rBV2	197287	276203	28.49%	1.744%
75	19.177	2801	2806	2810	rBV2	101718	128790	13.29%	0.813%
76	19.247	2816	2818	2821	rVB4	22150	21184	2.19%	0.134%
77	19.300	2822	2827	2830	rBV	426875	620433	64.01%	3.917%
78	19.535	2864	2867	2869	rBV	75505	86777	8.95%	0.548%
79	19.682	2889	2892	2896	rVB2	126567	155648	16.06%	0.983%
80	19.729	2897	2900	2906	rVB6	60859	89107	9.19%	0.563%
81	19.823	2912	2916	2921	rVB	380567	487516	50.29%	3.078%
82	19.876	2922	2925	2929	rVB4	53121	64956	6.70%	0.410%
83	20.029	2948	2951	2955	rVB2	100729	114097	11.77%	0.720%
84	20.105	2960	2964	2969	rVV2	436527	565533	58.34%	3.571%
85	20.158	2969	2973	2984	rVV4	113920	178748	18.44%	1.129%
86	20.264	2987	2991	2999	rVB4	137301	216429	22.33%	1.366%
87	20.422	3011	3018	3024	rBV	238084	448141	46.23%	2.829%
88	20.569	3039	3043	3049	rVB4	239835	303112	31.27%	1.914%
89	20.634	3050	3054	3058	rBV2	95221	114251	11.79%	0.721%
90	20.728	3067	3070	3075	rBV3	47399	86232	8.90%	0.544%
91	20.839	3085	3089	3093	rVB3	174167	226728	23.39%	1.431%
92	20.892	3095	3098	3104	rVB4	116621	147308	15.20%	0.930%
93	21.098	3127	3133	3136	rBV2	663249	969320	100.00%	6.120%
94	21.127	3136	3138	3146	rVB2	538792	611510	63.09%	3.861%
95	21.433	3187	3190	3196	rVB2	133860	172737	17.82%	1.091%
96	21.550	3208	3210	3215	rVB6	61878	67100	6.92%	0.424%
97	21.738	3239	3242	3248	rBV5	66701	90782	9.37%	0.573%
98	22.614	3388	3391	3397	rBV	150347	247186	25.50%	1.561%
99	23.131	3474	3479	3482	rBV	157217	244602	25.23%	1.544%
100	23.266	3497	3502	3507	rVB	283010	452034	46.63%	2.854%

Sum of corrected areas: 15838614

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



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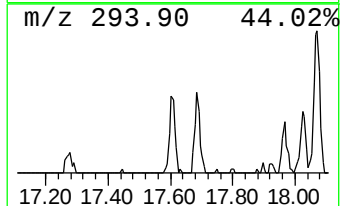
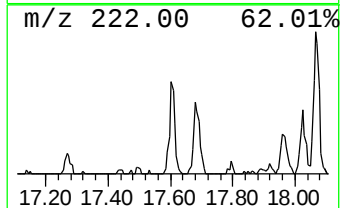
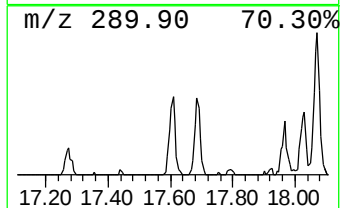
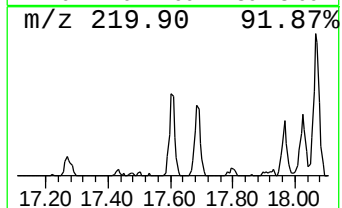
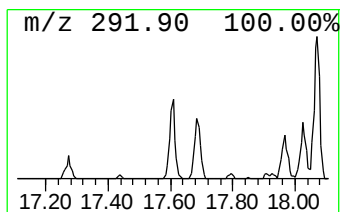
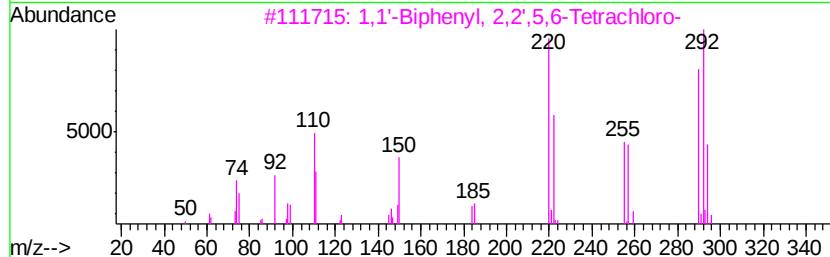
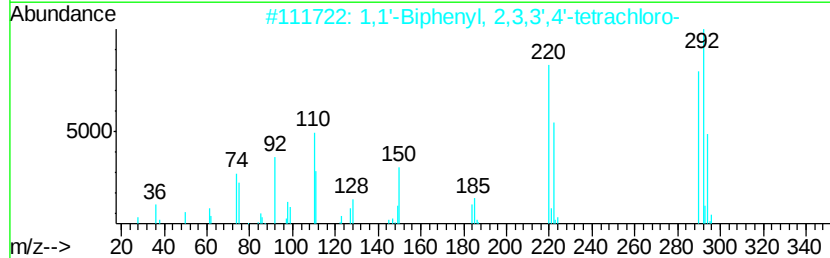
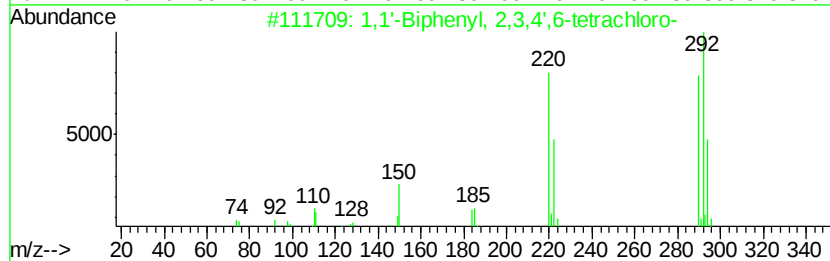
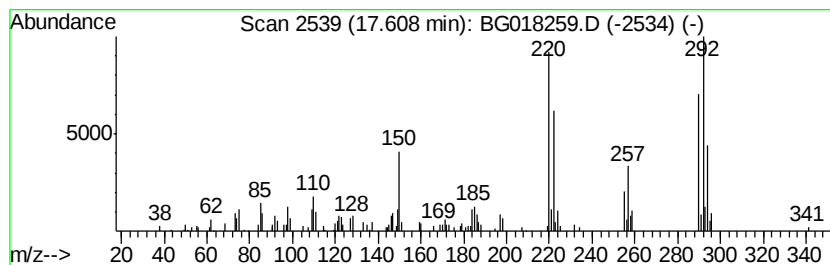
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.61	2.14 ng/ul	99050	Phenanthrene-d10	16.89	
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',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	97
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	94



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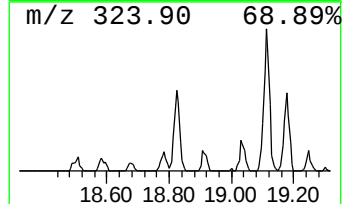
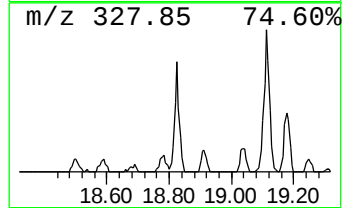
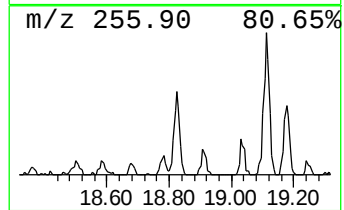
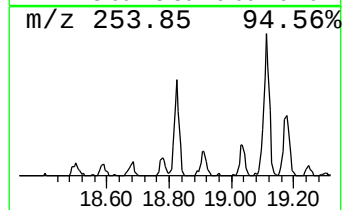
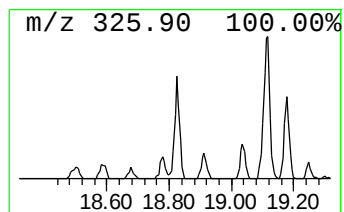
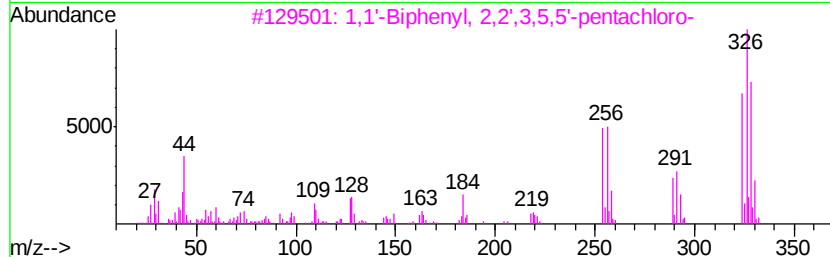
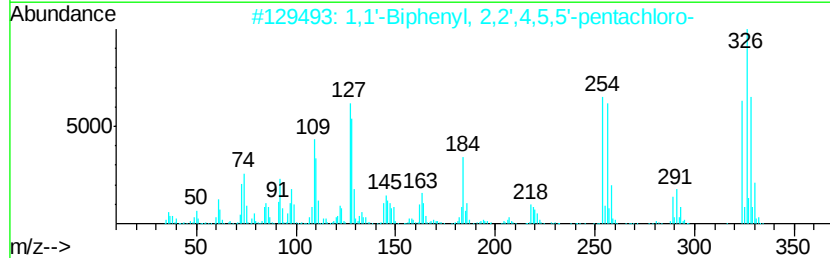
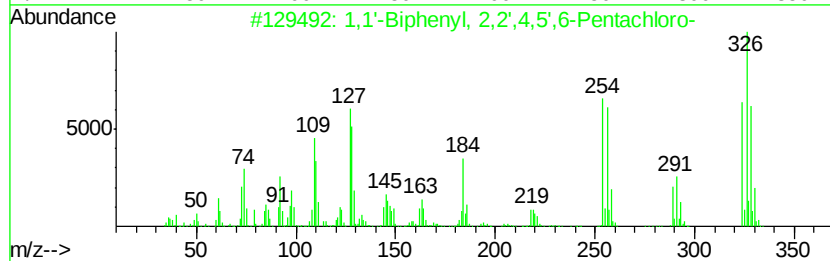
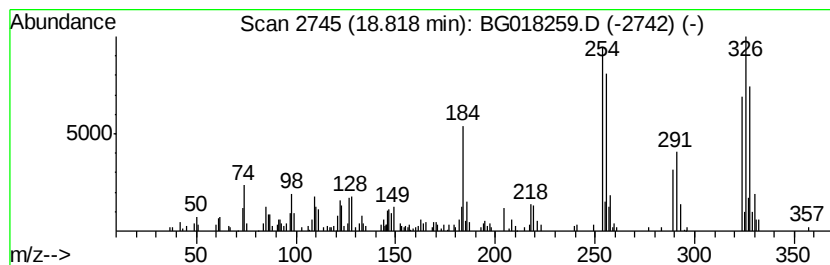
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	4.31 ng/ul	199467	Phenanthrene-d10	16.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	96
2		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
3		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
4		1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	94
5		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94



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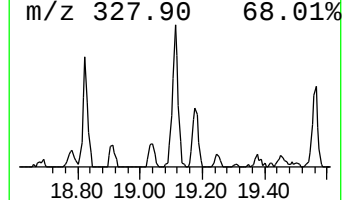
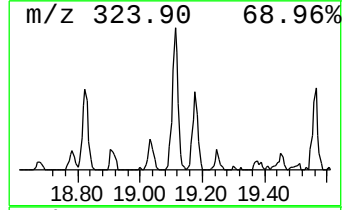
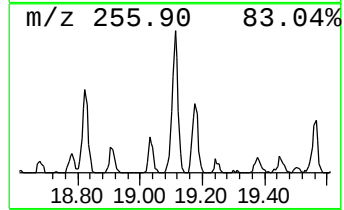
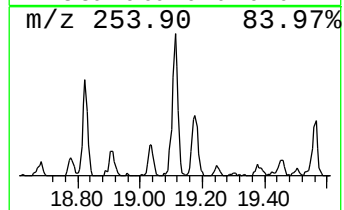
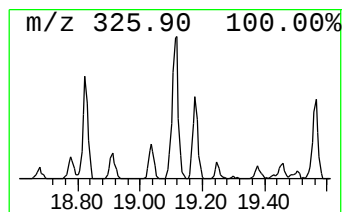
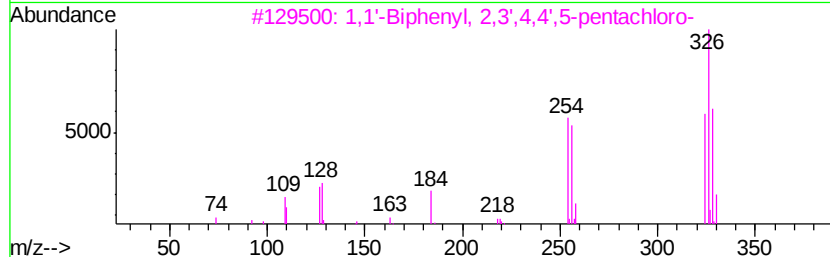
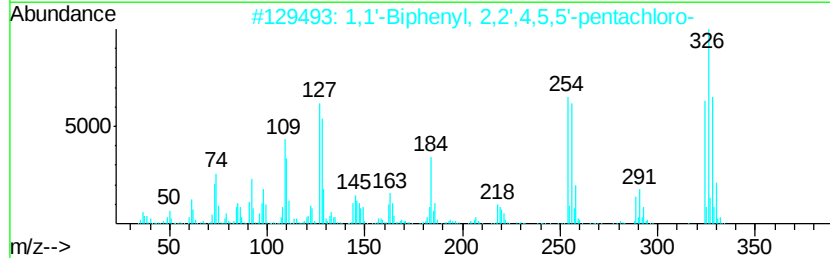
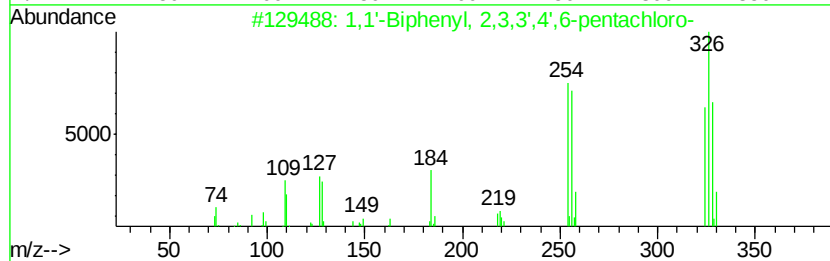
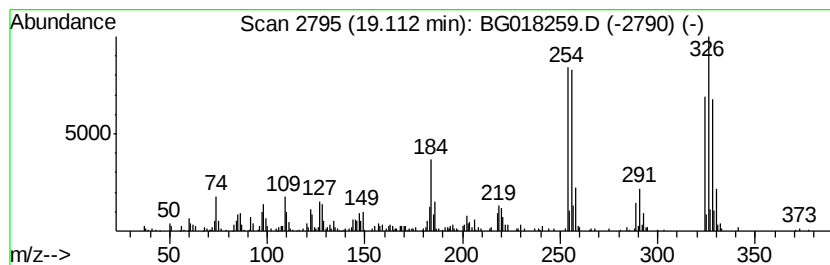
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	5.70 ng/ul	276203	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
3		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
5		1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018259.D
Acq On : 4 Aug 2015 18:55
Operator : UM/TP
Sample : G3095-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5

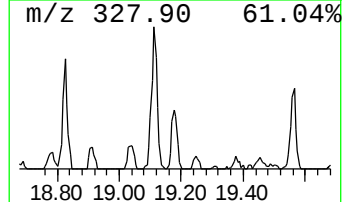
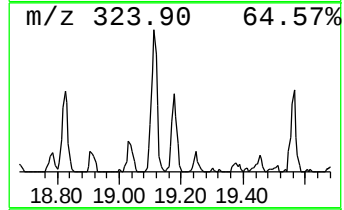
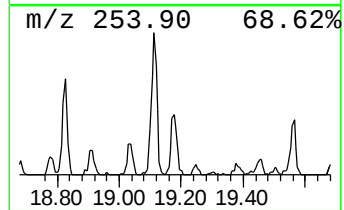
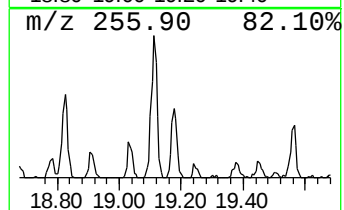
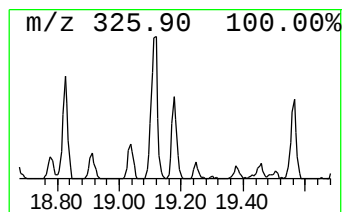
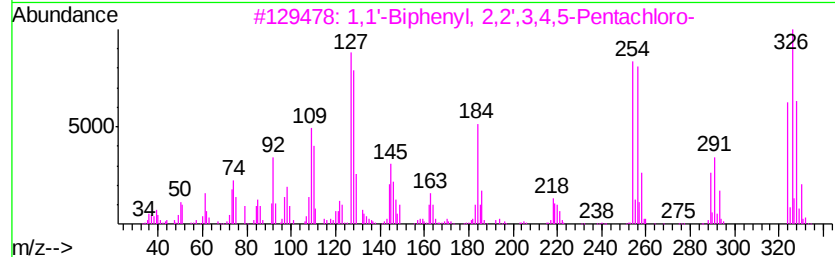
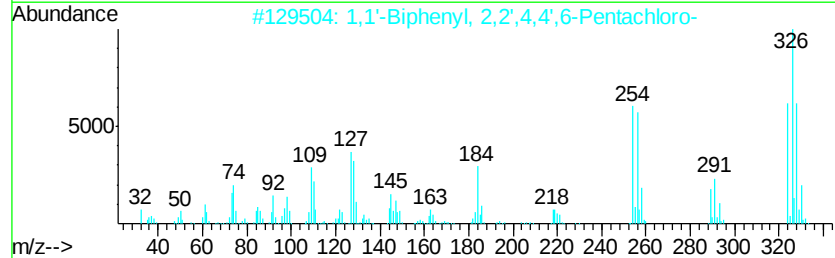
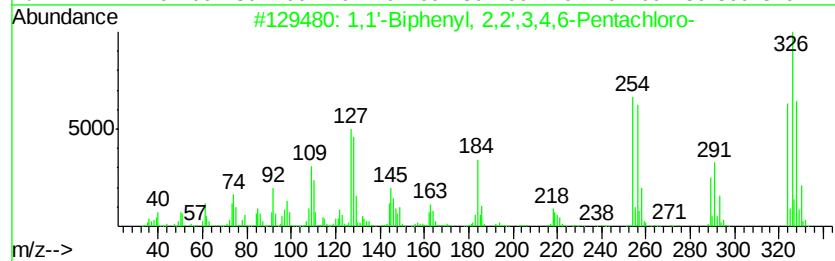
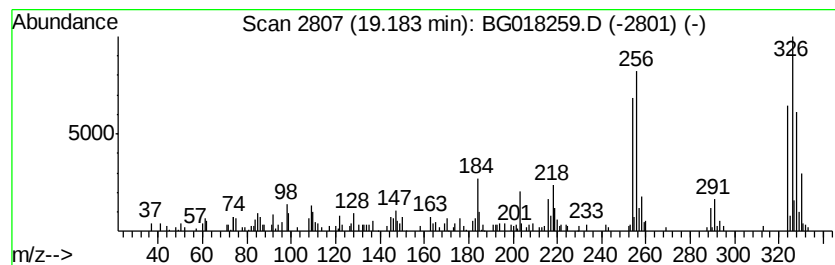
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	2.66 ng/ul	128790	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	94
2		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94
3		1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	94
4		1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	94
5		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018259.D
Acq On : 4 Aug 2015 18:55
Operator : UM/TP
Sample : G3095-21
Misc :
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BNA_G
ClientSampleId :
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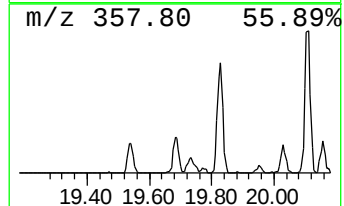
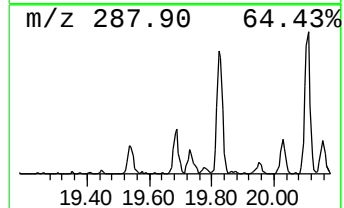
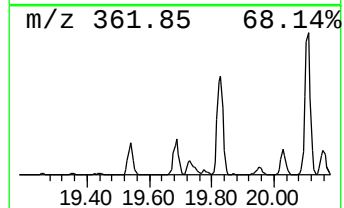
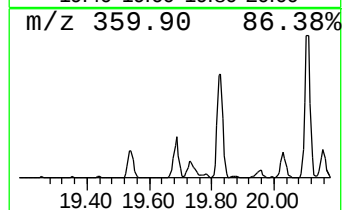
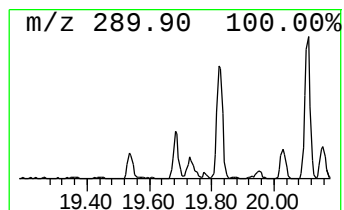
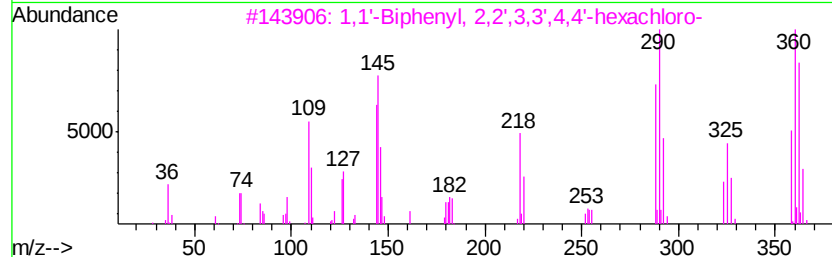
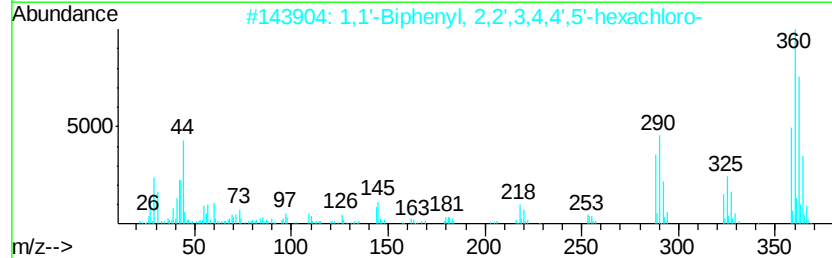
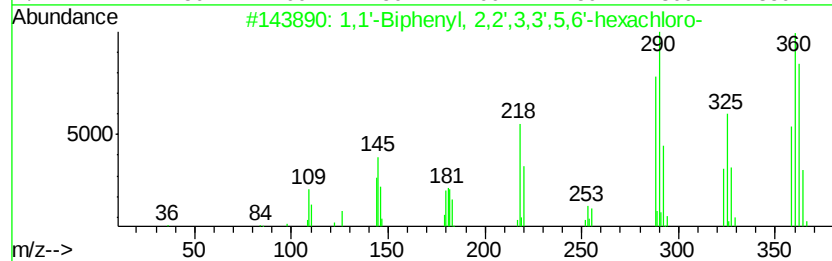
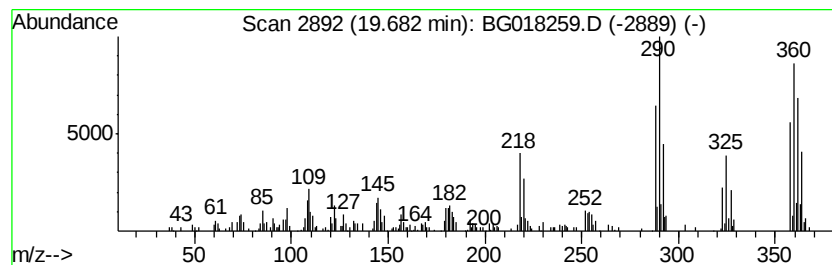
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	3.21 ng/ul	155648	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	99
2		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
4		1,1'-Biphenyl, 2,2',3,4,4',5',6'-he...	358	C12H4Cl6	038380-04-0	96
5		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018259.D
Acq On : 4 Aug 2015 18:55
Operator : UM/TP
Sample : G3095-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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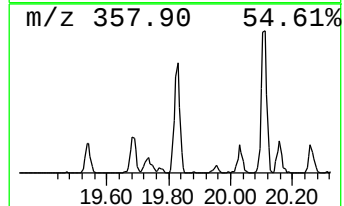
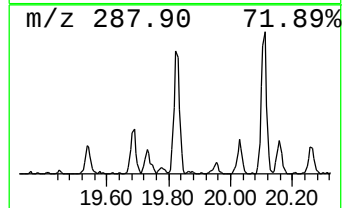
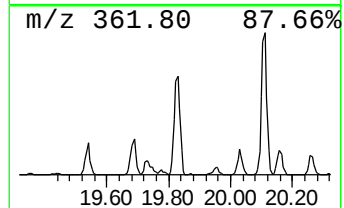
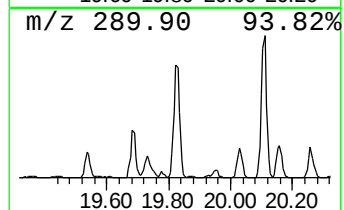
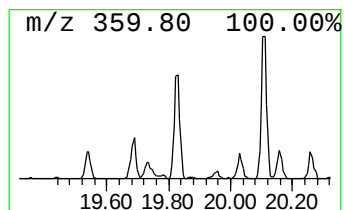
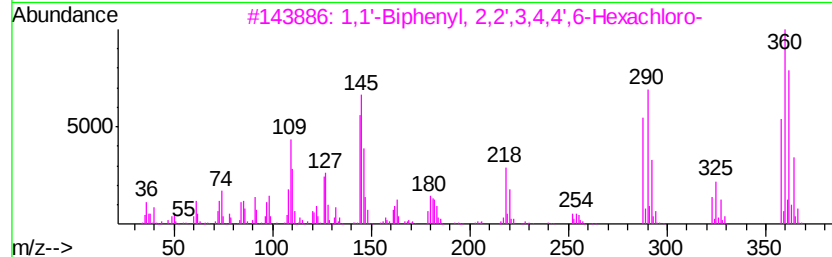
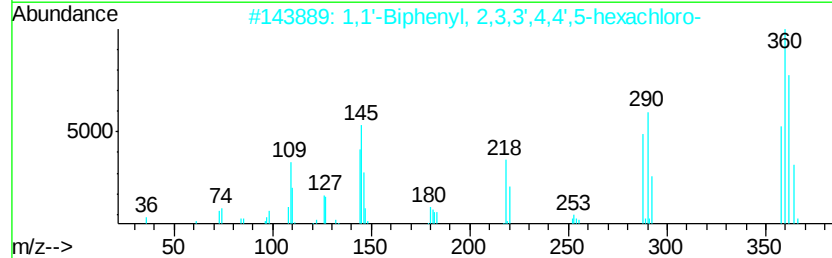
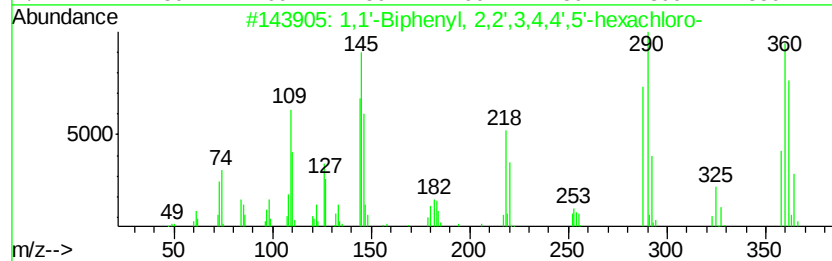
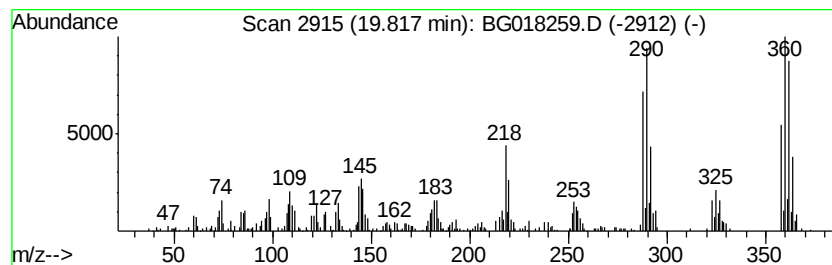
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	10.06 ng/ul	487516	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	98
2		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	98
3		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	97
4		1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	96
5		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018259.D
Acq On : 4 Aug 2015 18:55
Operator : UM/TP
Sample : G3095-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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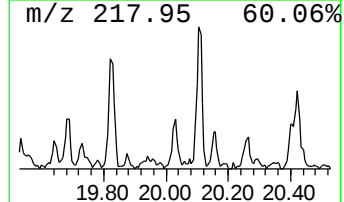
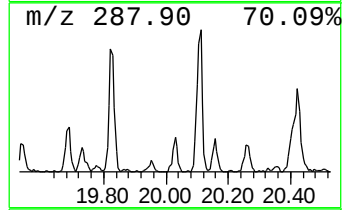
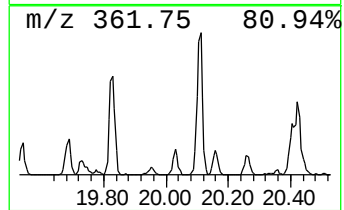
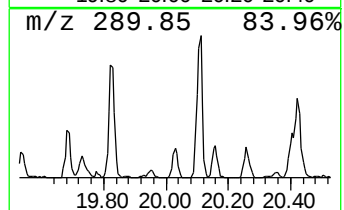
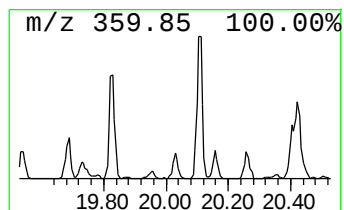
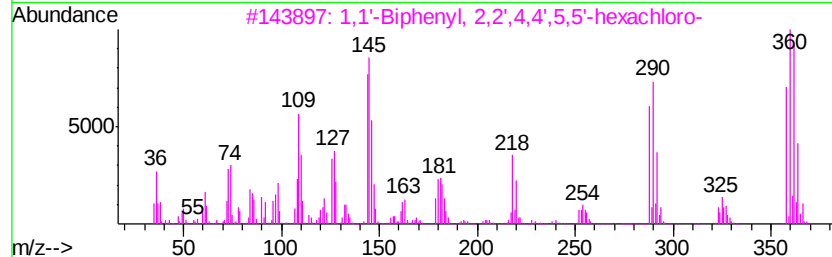
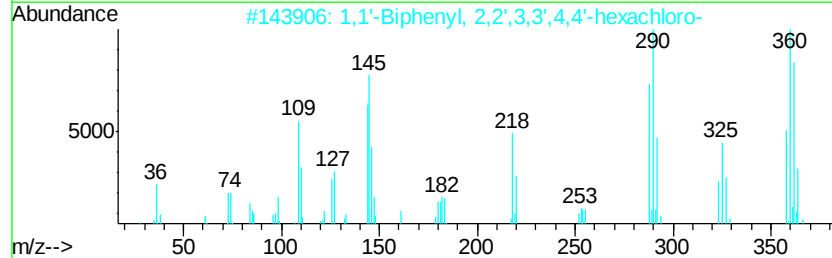
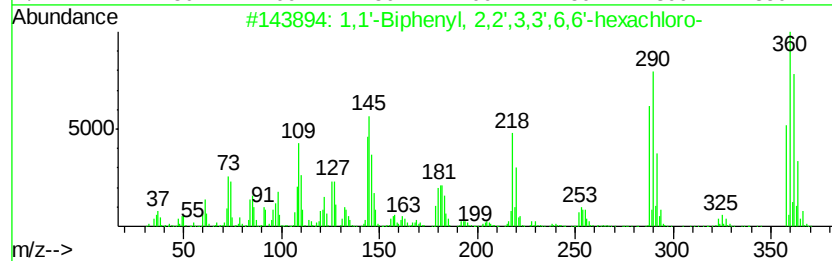
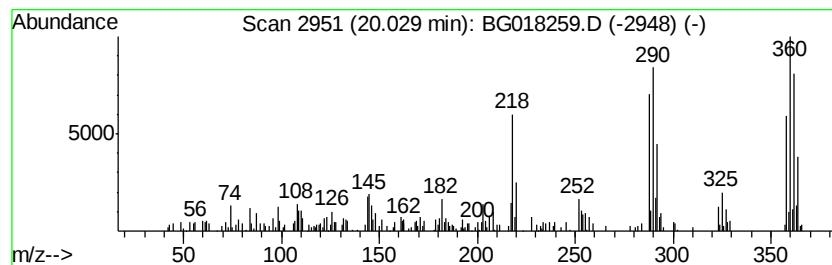
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.35 ng/ul	114097	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	95
2		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	94
3		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	93
4		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	93
5		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018259.D
Acq On : 4 Aug 2015 18:55
Operator : UM/TP
Sample : G3095-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C01M5

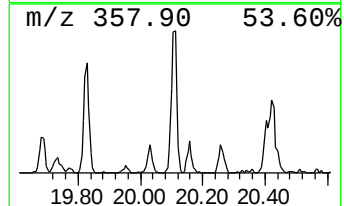
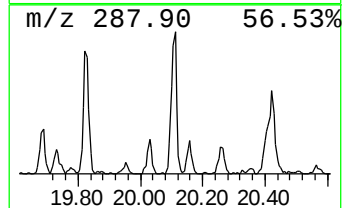
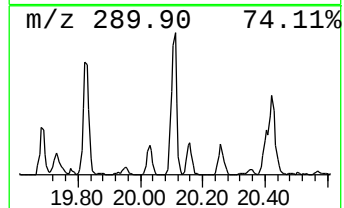
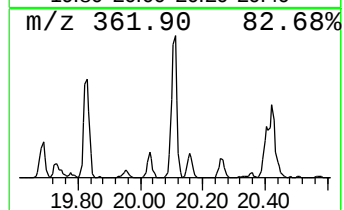
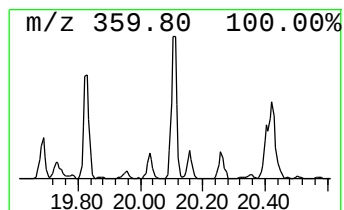
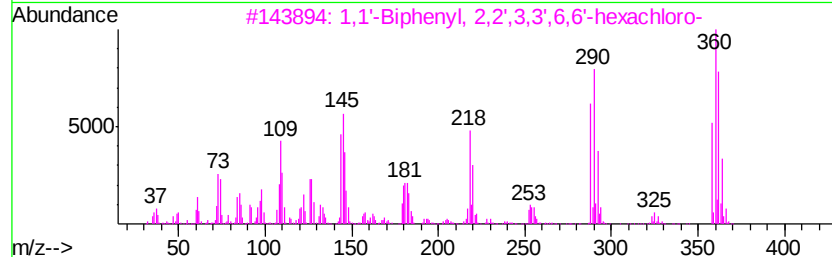
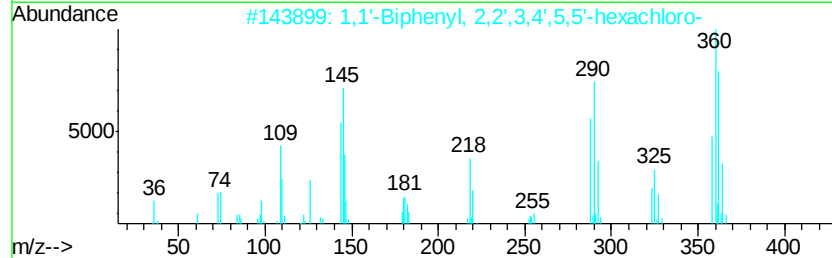
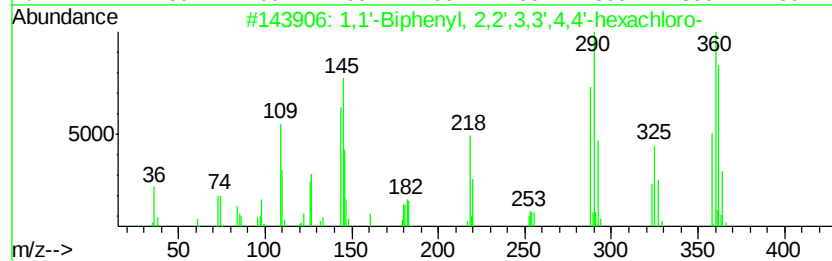
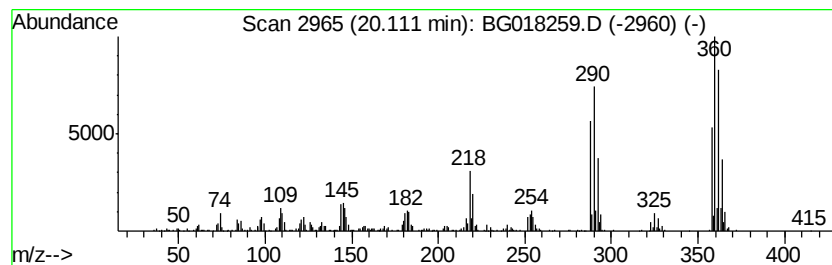
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	11.67 ng/ul	565533	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96
2		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96
3		1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	96
4		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	95
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018259.D
Acq On : 4 Aug 2015 18:55
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Sample : G3095-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampled :
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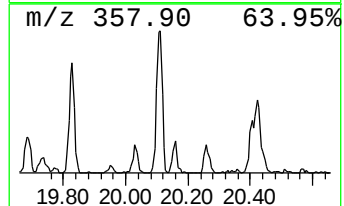
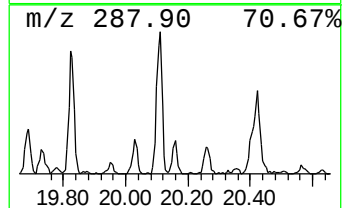
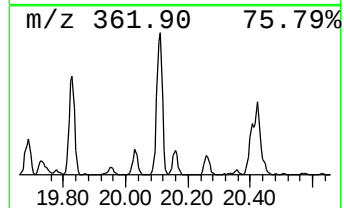
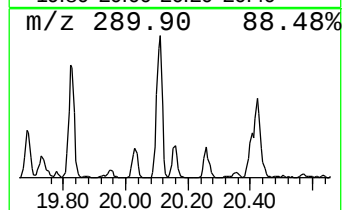
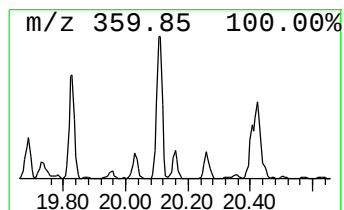
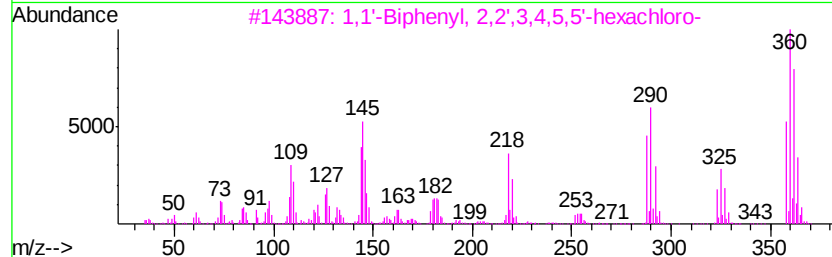
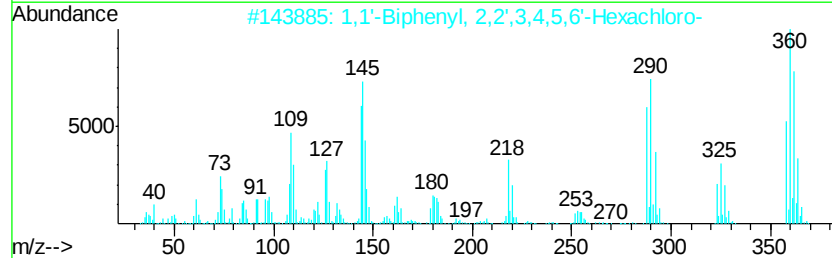
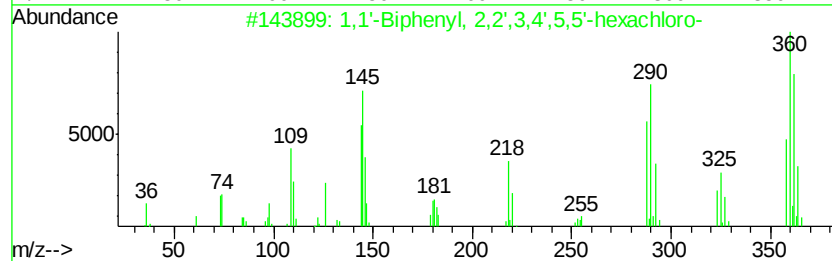
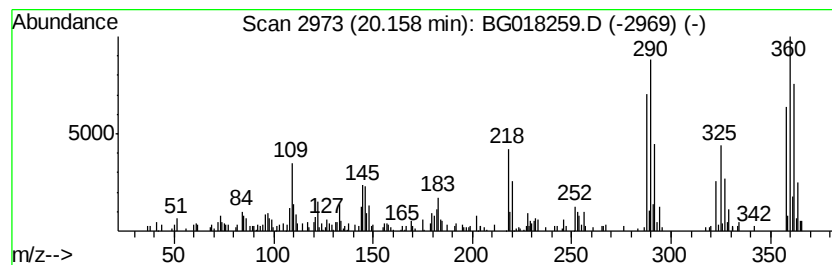
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	3.69 ng/ul	178748	Chrysene-d12	21.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96		
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	94		
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	94		
4	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	94		
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	94		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
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Sample : G3095-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5

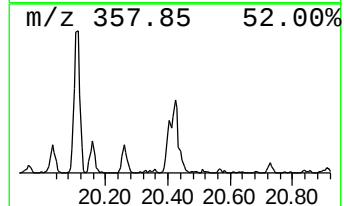
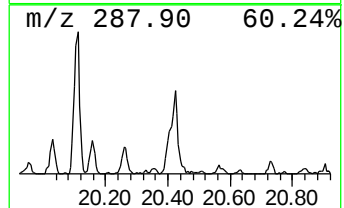
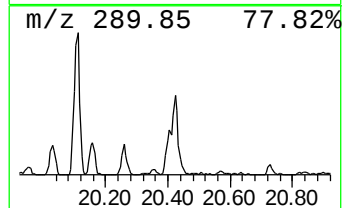
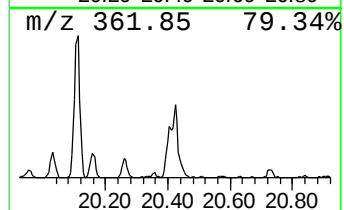
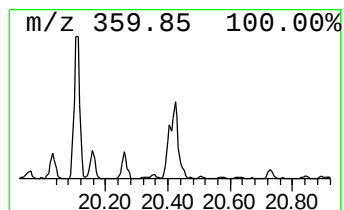
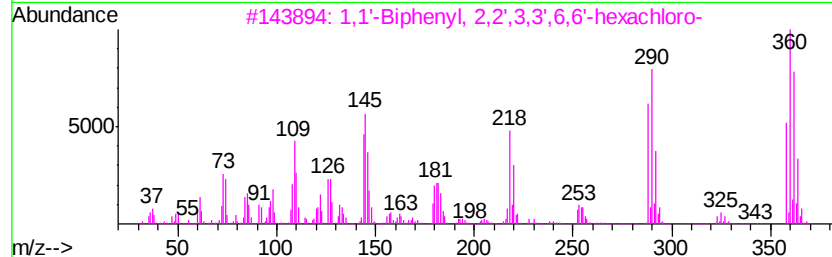
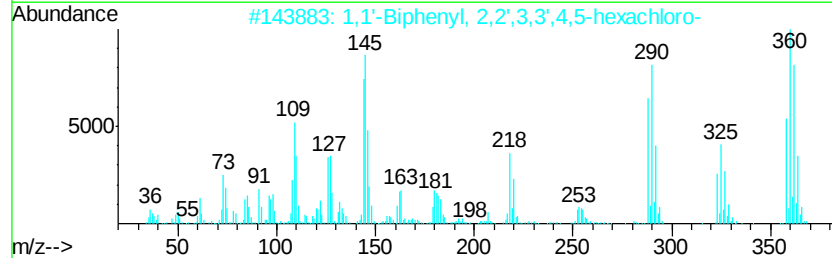
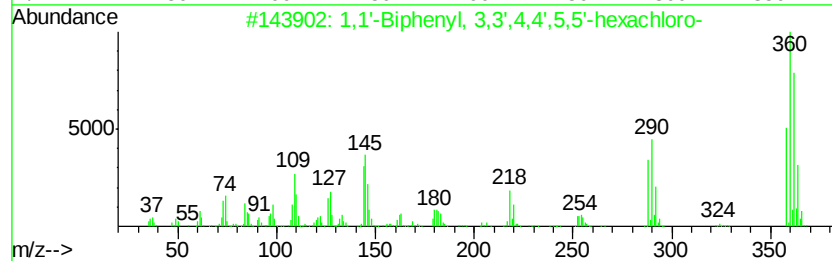
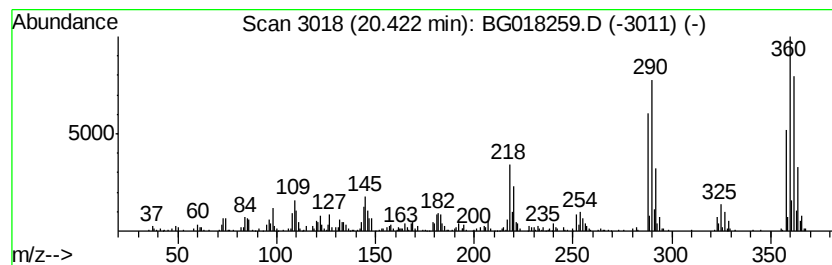
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	9.25 ng/ul	448141	Chrysene-d12	21.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	96		
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96		
3	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	96		
4	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	95		
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	95		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018259.D
Acq On : 4 Aug 2015 18:55
Operator : UM/TP
Sample : G3095-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5

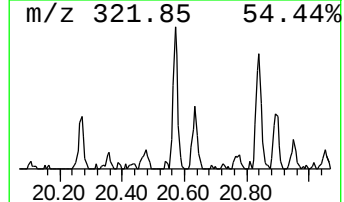
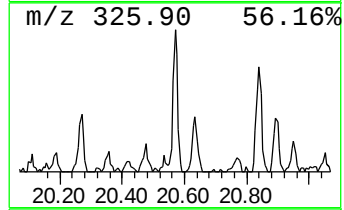
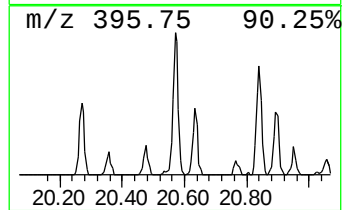
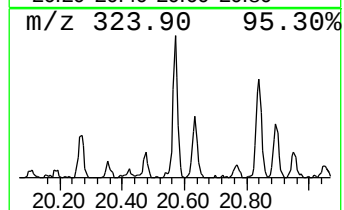
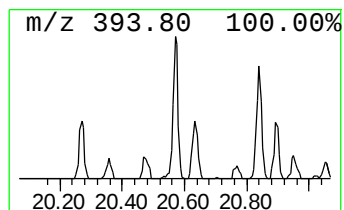
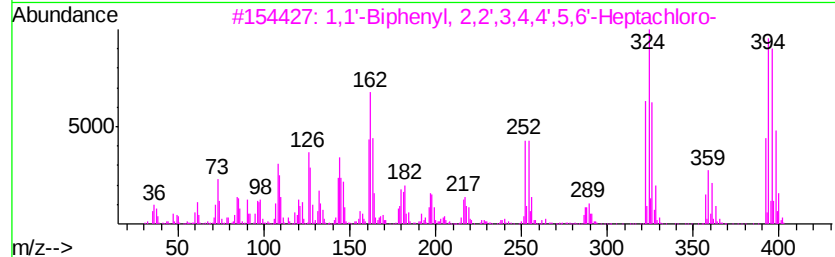
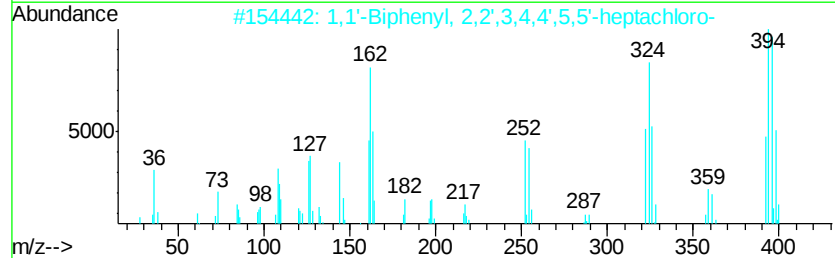
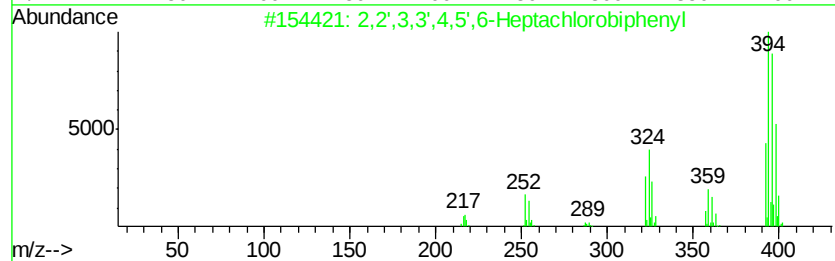
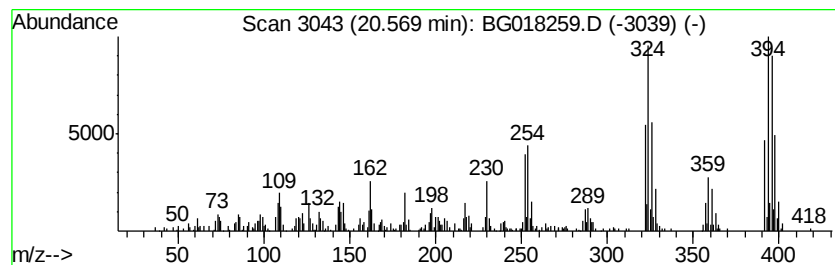
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	6.25 ng/ul	303112	Chrysene-d12	21.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99		
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99		
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	96		
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	96		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018259.D
Acq On : 4 Aug 2015 18:55
Operator : UM/TP
Sample : G3095-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5

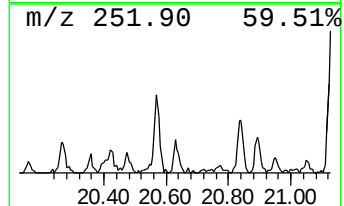
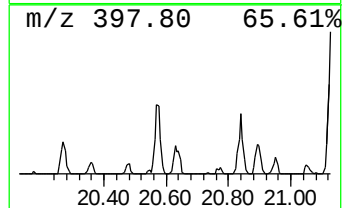
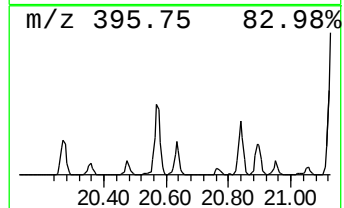
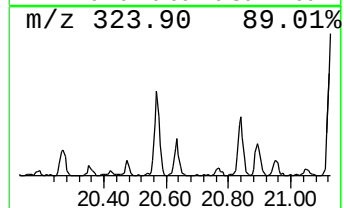
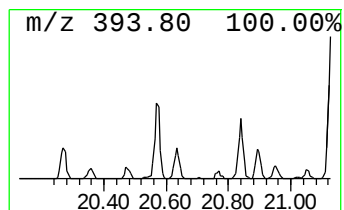
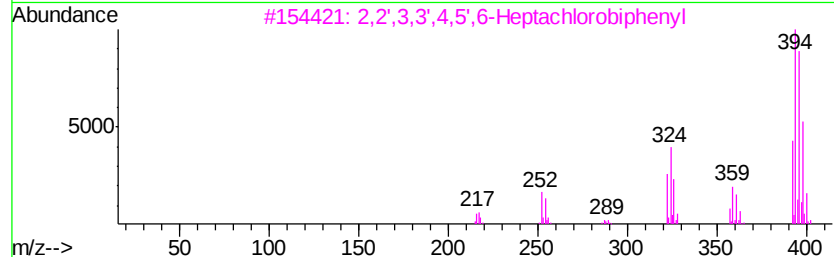
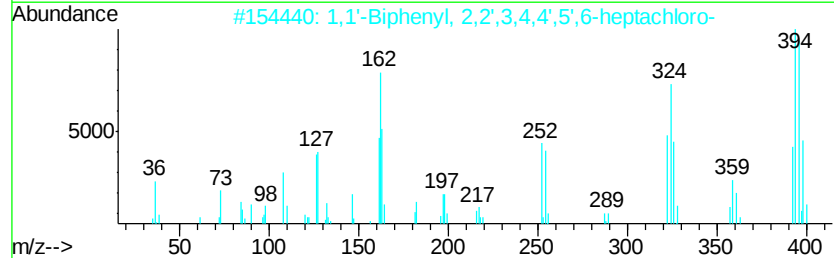
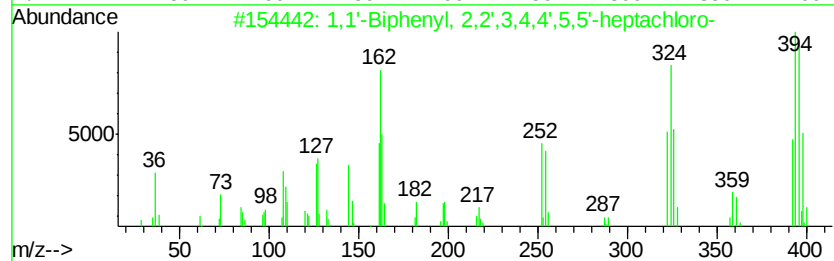
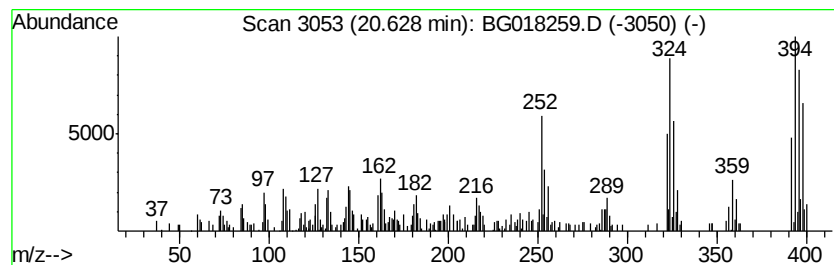
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	2.36 ng/ul	114251	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	94
2		1,1'-Biphenyl, 2,2',3,4,4',5',6'-...	392	C12H3Cl7	052663-69-1	94
3		2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	91
4		1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	90
5		1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	89



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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
1,1'-Biphenyl, 2,...	17.61	2.1	ng/ul	99050	4	16.89	925274	20.0
1,1'-Biphenyl, 2,...	18.82	4.3	ng/ul	199467	4	16.89	925274	20.0
1,1'-Biphenyl, 2,...	19.11	5.7	ng/ul	276203	5	21.10	969320	20.0
1,1'-Biphenyl, 2,...	19.18	2.7	ng/ul	128790	5	21.10	969320	20.0
1,1'-Biphenyl, 2,...	19.68	3.2	ng/ul	155648	5	21.10	969320	20.0
1,1'-Biphenyl, 2,...	19.82	10.1	ng/ul	487516	5	21.10	969320	20.0
1,1'-Biphenyl, 2,...	20.03	2.4	ng/ul	114097	5	21.10	969320	20.0
1,1'-Biphenyl, 2,...	20.11	11.7	ng/ul	565533	5	21.10	969320	20.0
1,1'-Biphenyl, 2,...	20.16	3.7	ng/ul	178748	5	21.10	969320	20.0
1,1'-Biphenyl, 3,...	20.42	9.3	ng/ul	448141	5	21.10	969320	20.0
2,2',3,3',4,5',6-...	20.57	6.3	ng/ul	303112	5	21.10	969320	20.0
1,1'-Biphenyl, 2,...	20.63	2.4	ng/ul	114251	5	21.10	969320	20.0