

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
 Data File : BG018286.D
 Acq On : 6 Aug 2015 00:22
 Operator : UM/TP
 Sample : G3095-21RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M5RE

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.245	93	95	101	rVB2	11220	15914	1.56%	0.103%
2	3.428	123	126	132	rBV2	10819	15227	1.49%	0.098%
3	3.633	157	161	163	rBV2	4165	5118	0.50%	0.033%
4	3.721	171	176	178	rBV2	2660	4140	0.41%	0.027%
5	4.191	254	256	261	rVB3	3438	4836	0.47%	0.031%
6	5.449	467	470	474	rVV3	3293	4358	0.43%	0.028%
7	6.636	667	672	682	rVV	137994	223174	21.84%	1.439%
8	6.777	690	696	702	rBV	98695	141820	13.88%	0.915%
9	6.970	723	729	735	rBV	156068	235800	23.08%	1.521%
10	7.064	741	745	751	rVB3	3227	7594	0.74%	0.049%
11	7.429	801	807	813	rVV	244931	384985	37.68%	2.483%
12	8.169	927	933	940	rBV2	161211	261753	25.62%	1.688%
13	8.586	997	1004	1012	rVB	141132	236080	23.11%	1.523%
14	8.757	1026	1033	1035	rBV3	4200	5601	0.55%	0.036%
15	9.309	1119	1127	1132	rBV	143855	236508	23.15%	1.525%
16	9.855	1213	1220	1230	rVB	216088	345765	33.84%	2.230%
17	10.084	1254	1259	1265	rVB5	5593	8710	0.85%	0.056%
18	10.214	1275	1281	1287	rBV	366364	584568	57.21%	3.770%
19	10.267	1287	1290	1296	rVB2	8711	12425	1.22%	0.080%
20	10.366	1296	1307	1313	rBV	78492	142242	13.92%	0.917%
21	10.601	1341	1347	1350	rBV2	3929	6027	0.59%	0.039%
22	11.659	1525	1527	1532	rVB	3347	5310	0.52%	0.034%
23	11.894	1564	1567	1573	rVB3	4722	8327	0.81%	0.054%
24	12.129	1600	1607	1608	rBV2	5072	7750	0.76%	0.050%
25	12.446	1656	1661	1663	rVV2	4118	7079	0.69%	0.046%
26	12.711	1700	1706	1710	rVB3	7925	10691	1.05%	0.069%
27	12.940	1741	1745	1748	rVB3	7441	7237	0.71%	0.047%
28	13.022	1758	1759	1763	rVV2	4786	4923	0.48%	0.032%
29	13.428	1823	1828	1833	rBV3	5669	9742	0.95%	0.063%
30	13.486	1833	1838	1839	rBV	5596	5047	0.49%	0.033%
31	13.533	1839	1846	1850	rBV	348223	499831	48.92%	3.224%
32	13.574	1850	1853	1859	rVB	195739	268534	26.28%	1.732%
33	13.804	1882	1892	1903	rBV	363699	551320	53.96%	3.556%
34	14.033	1928	1931	1933	rVV2	6299	7209	0.71%	0.046%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
 Data File : BG018286.D
 Acq On : 6 Aug 2015 00:22
 Operator : UM/TP
 Sample : G3095-21RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M5RE

Integration Parameters: LSCINT.P

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

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

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

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

35	14.115	1937	1945	1953	rBV2	578462	859489	84.12%	5.543%
36	14.174	1953	1955	1959	rVB	8180	9213	0.90%	0.059%
37	14.368	1983	1988	1996	rVV	117065	174761	17.10%	1.127%
38	14.503	2006	2011	2012	rBV4	12329	15523	1.52%	0.100%
39	14.603	2026	2028	2032	rVB	4779	4834	0.47%	0.031%
40	14.785	2057	2059	2065	rBV2	3976	7682	0.75%	0.050%
41	14.926	2077	2083	2088	rVB3	6818	11032	1.08%	0.071%
42	14.990	2090	2094	2098	rVB4	10711	15562	1.52%	0.100%
43	15.114	2108	2115	2121	rBV	458652	655783	64.18%	4.230%
44	15.173	2121	2125	2126	rBV3	5140	5095	0.50%	0.033%
45	15.261	2135	2140	2149	rBV	160608	219004	21.43%	1.413%
46	15.396	2161	2163	2166	rVB4	6882	5298	0.52%	0.034%
47	15.466	2173	2175	2178	rBV2	5042	4231	0.41%	0.027%
48	15.701	2213	2215	2221	rVB6	5337	6345	0.62%	0.041%
49	15.854	2237	2241	2244	rBV3	19756	28969	2.84%	0.187%
50	16.148	2287	2291	2292	rBV4	5259	6807	0.67%	0.044%
51	16.230	2302	2305	2308	rBV5	4706	4278	0.42%	0.028%
52	16.406	2331	2335	2342	rVB4	29619	35205	3.45%	0.227%
53	16.530	2352	2356	2360	rBV5	11442	18766	1.84%	0.121%
54	16.653	2373	2377	2381	rBV4	21481	27787	2.72%	0.179%
55	16.753	2392	2394	2398	rVB4	5556	5689	0.56%	0.037%
56	16.794	2398	2401	2403	rBV4	4576	5659	0.55%	0.036%
57	16.876	2409	2415	2419	rBV2	680145	1021767	100.00%	6.590%
58	16.912	2419	2421	2426	rVB	81617	99362	9.72%	0.641%
59	16.970	2426	2431	2436	rBV2	460906	648212	63.44%	4.181%
60	17.053	2442	2445	2453	rVB10	19983	34246	3.35%	0.221%
61	17.111	2453	2455	2458	rBV4	4844	4941	0.48%	0.032%
62	17.253	2475	2479	2482	rBV4	25182	40065	3.92%	0.258%
63	17.388	2500	2502	2505	rBV3	13762	16731	1.64%	0.108%
64	17.482	2511	2518	2523	rVB5	35399	64247	6.29%	0.414%
65	17.587	2533	2536	2542	rVB2	78447	108430	10.61%	0.699%
66	17.670	2546	2550	2555	rBV2	68428	86297	8.45%	0.557%
67	17.728	2558	2560	2562	rBV3	11424	11797	1.15%	0.076%
68	17.793	2567	2571	2578	rVB3	61342	92546	9.06%	0.597%
69	17.952	2593	2598	2602	rBV6	53946	79512	7.78%	0.513%
70	18.010	2605	2608	2611	rVV3	42532	52727	5.16%	0.340%
71	18.052	2611	2615	2622	rVB2	120812	154906	15.16%	0.999%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
 Data File : BG018286.D
 Acq On : 6 Aug 2015 00:22
 Operator : UM/TP
 Sample : G3095-21RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M5RE

Integration Parameters: LSCINT.P

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

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

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

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

72	18.222	2640	2644	2649	rBV6	36174	61501	6.02%	0.397%
73	18.416	2674	2677	2680	rBV4	13384	15473	1.51%	0.100%
74	18.486	2685	2689	2696	rVV10	20056	46449	4.55%	0.300%
75	18.810	2740	2744	2754	rVB2	138269	207865	20.34%	1.341%
76	18.892	2755	2758	2763	rVB7	38688	47972	4.70%	0.309%
77	18.945	2763	2767	2773	rBV	231194	313518	30.68%	2.022%
78	19.021	2777	2780	2787	rVB4	59549	74451	7.29%	0.480%
79	19.097	2788	2793	2800	rVB2	202181	277339	27.14%	1.789%
80	19.162	2800	2804	2810	rBV3	106787	140230	13.72%	0.904%
81	19.285	2820	2825	2828	rBV	454988	620085	60.69%	3.999%
82	19.526	2862	2866	2868	rBV2	67862	97091	9.50%	0.626%
83	19.673	2887	2891	2895	rVV2	130100	155530	15.22%	1.003%
84	19.714	2895	2898	2904	rVB6	64798	91183	8.92%	0.588%
85	19.808	2910	2914	2920	rVB	363368	461673	45.18%	2.978%
86	20.014	2946	2949	2954	rVB2	89591	104859	10.26%	0.676%
87	20.096	2958	2963	2968	rBV	448737	568244	55.61%	3.665%
88	20.143	2968	2971	2975	rBV4	78002	103959	10.17%	0.670%
89	20.249	2986	2989	2997	rVB3	133831	191090	18.70%	1.232%
90	20.337	3002	3004	3008	rBV5	38595	44801	4.38%	0.289%
91	20.408	3010	3016	3022	rVB2	208546	374782	36.68%	2.417%
92	20.555	3038	3041	3047	rVB2	202916	250910	24.56%	1.618%
93	20.619	3049	3052	3056	rBV5	69736	79275	7.76%	0.511%
94	20.825	3084	3087	3091	rVB2	152339	178938	17.51%	1.154%
95	20.878	3094	3096	3102	rVB6	91390	112791	11.04%	0.727%
96	21.083	3126	3131	3134	rBV2	498734	687585	67.29%	4.435%
97	21.113	3134	3136	3144	rVB2	396814	479202	46.90%	3.091%
98	21.418	3185	3188	3193	rVB4	106489	129585	12.68%	0.836%
99	22.599	3386	3389	3394	rBV	128130	202398	19.81%	1.305%
100	23.245	3495	3499	3505	rVB2	279825	467477	45.75%	3.015%

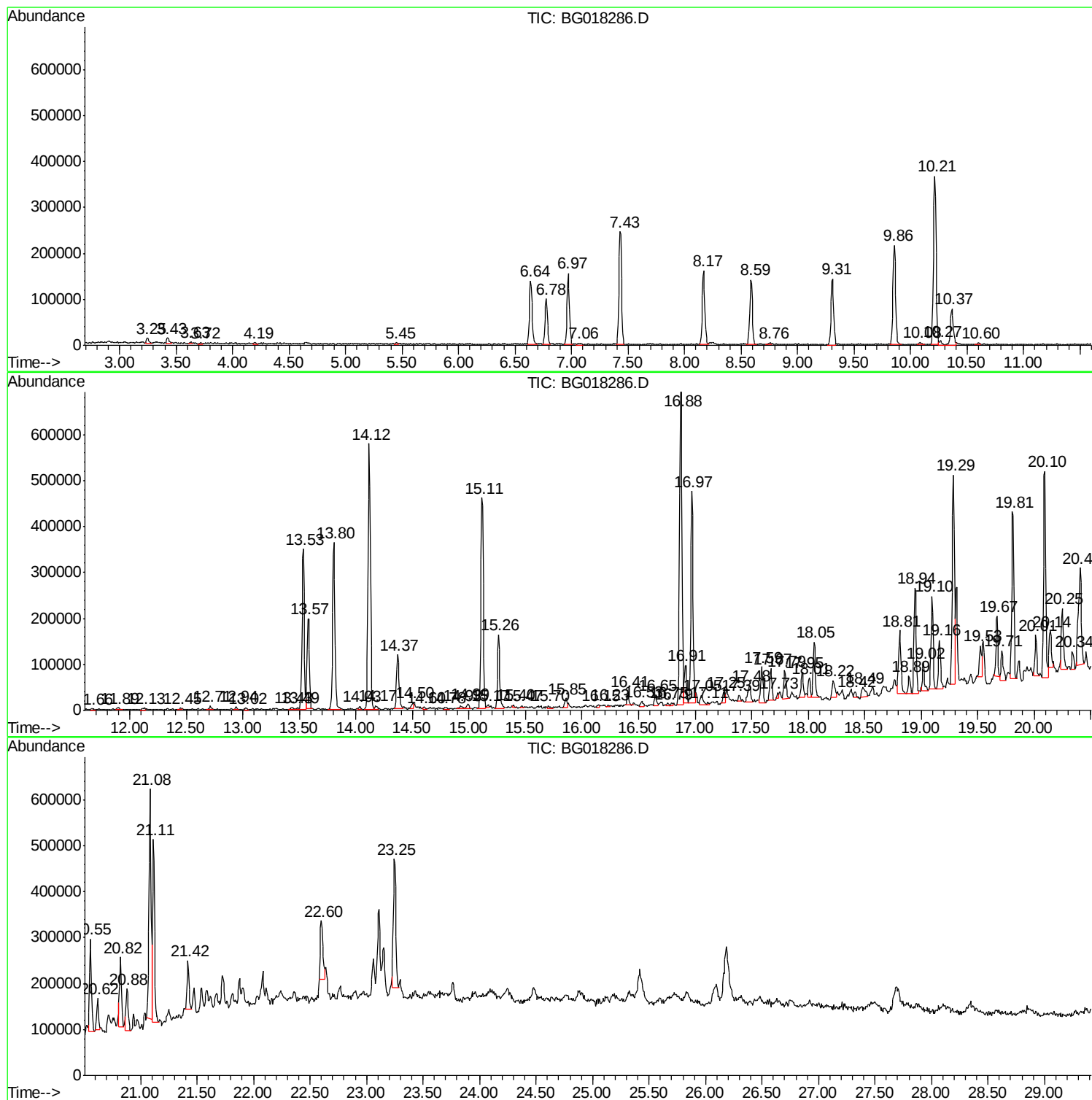
Sum of corrected areas: 15504699

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C01M5RE

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

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

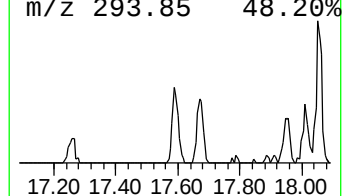
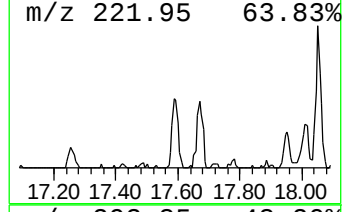
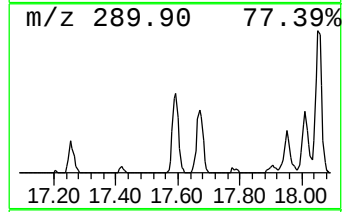
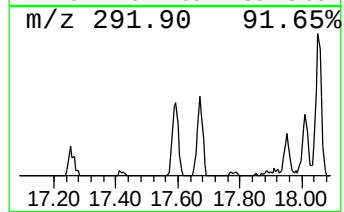
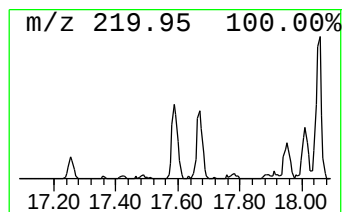
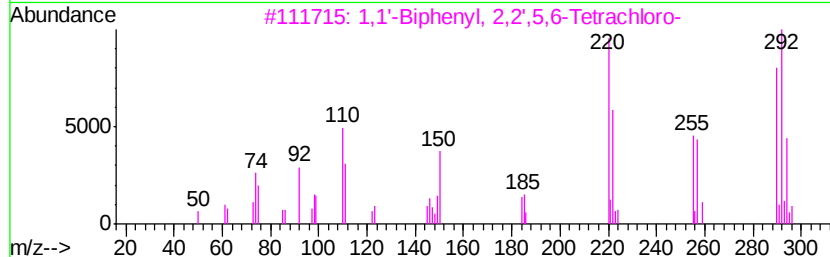
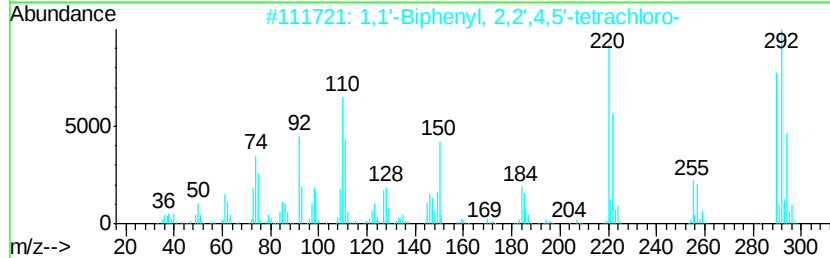
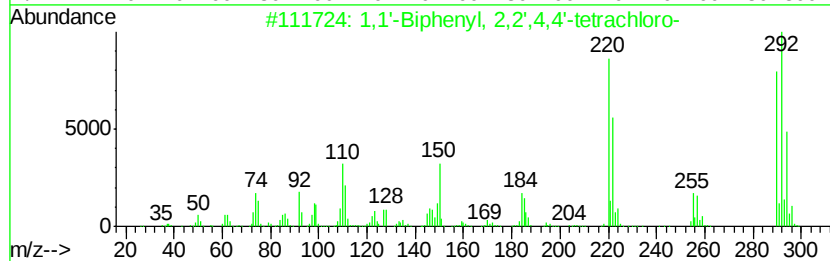
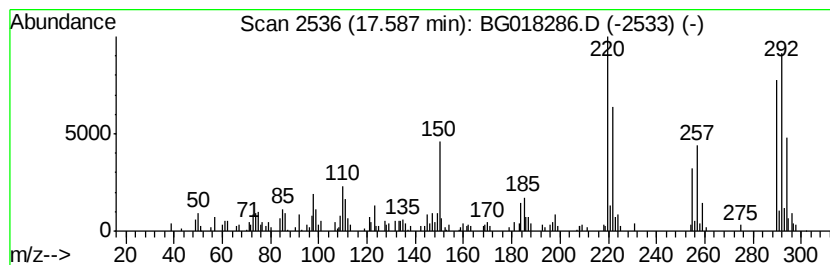
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	2.12 ng/ul	108430	Phenanthrene-d10	16.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2			1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
3			1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	98
4			1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	98
5			1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

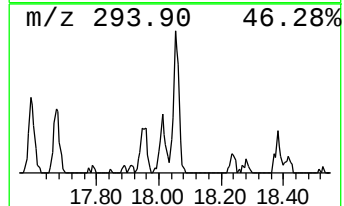
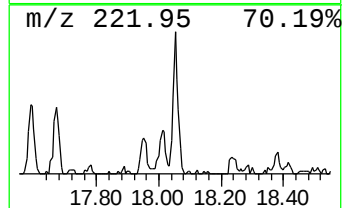
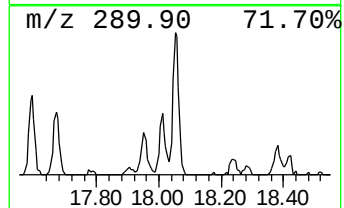
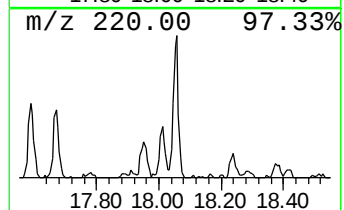
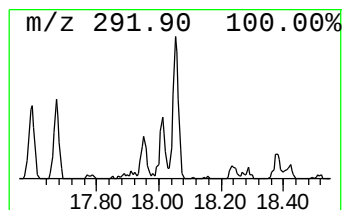
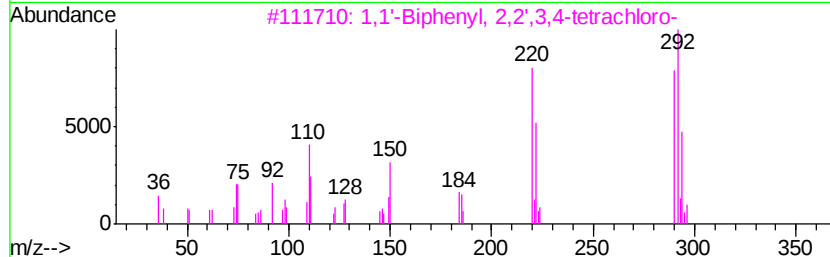
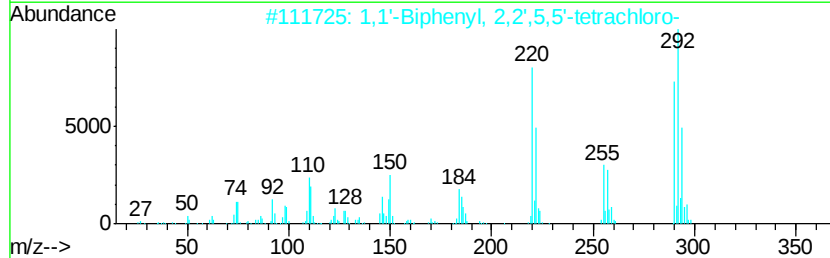
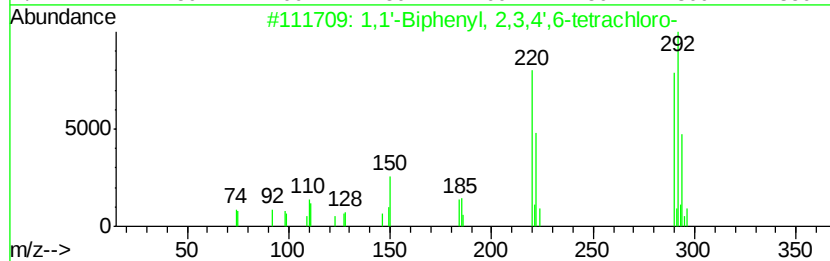
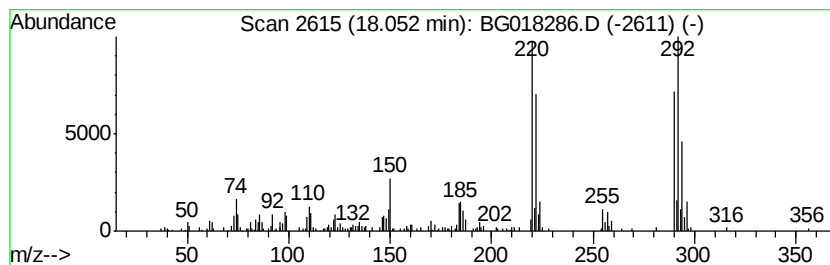
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.03 ng/ul	154906	Phenanthrene-d10	16.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96
2			1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	96
3			1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	96
4			1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	96
5			1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

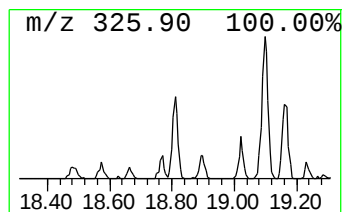
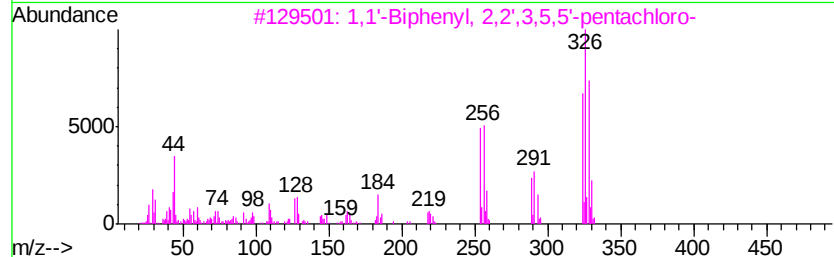
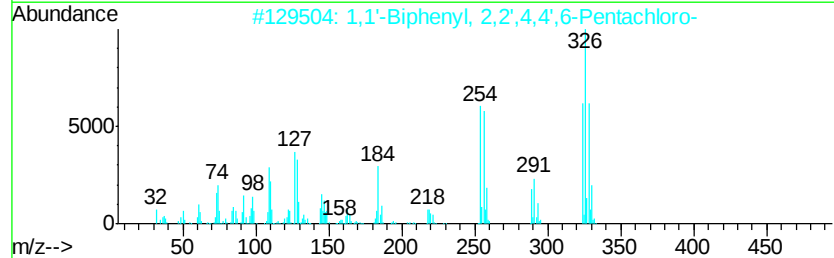
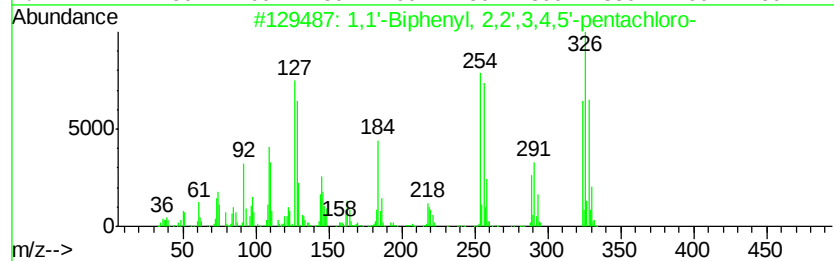
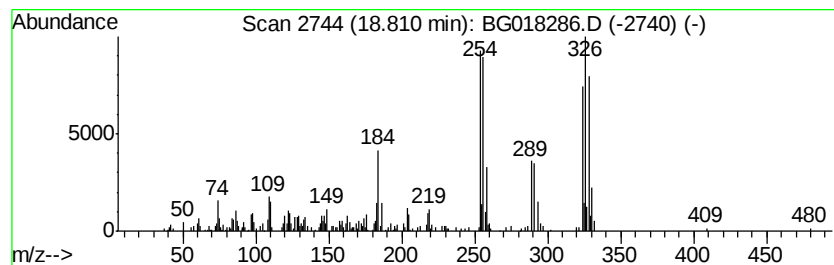
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	4.07 ng/ul	207865	Phenanthrene-d10	16.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	95
2		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
3		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
4		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	94
5		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

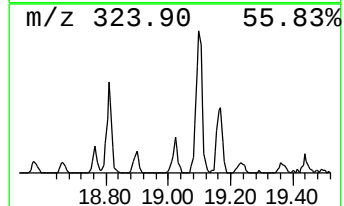
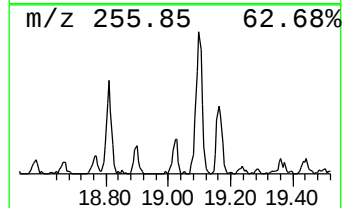
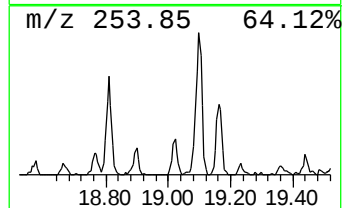
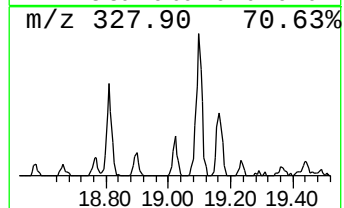
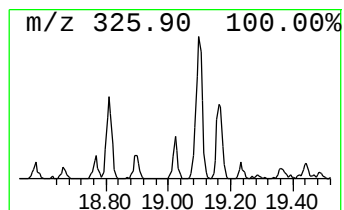
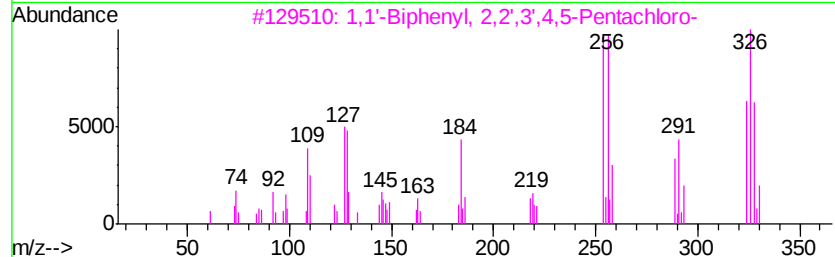
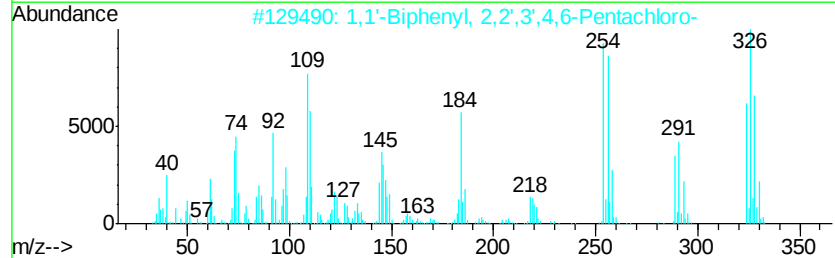
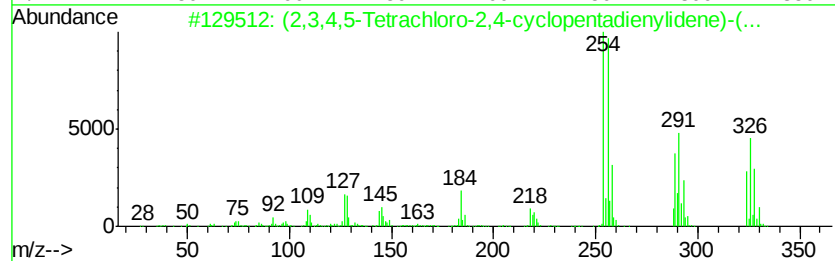
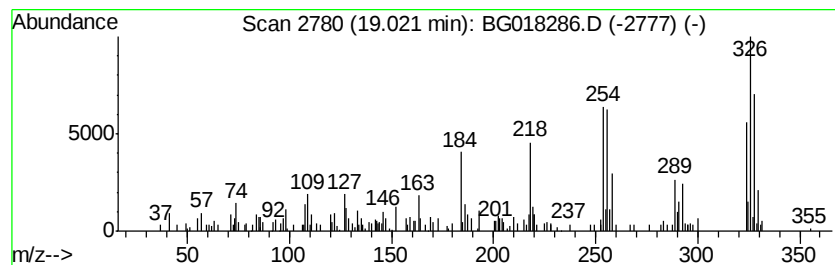
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (2,3,4,5-Tetrachloro-2,4-cy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	2.17 ng/ul	74451	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	94
2		1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	93
3		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	93
4		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	91
5		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

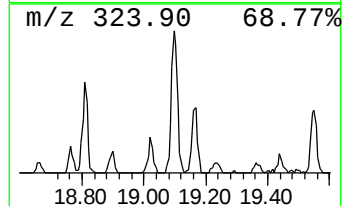
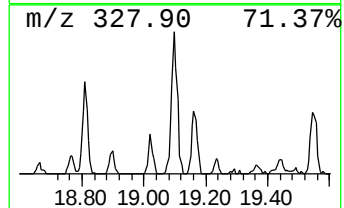
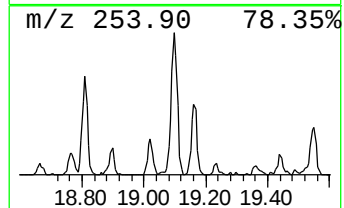
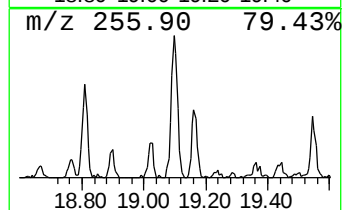
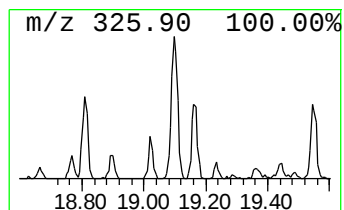
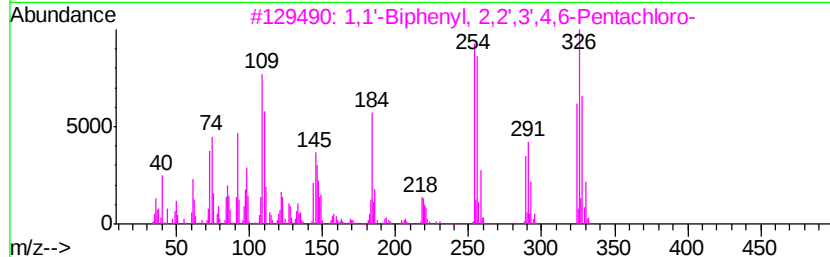
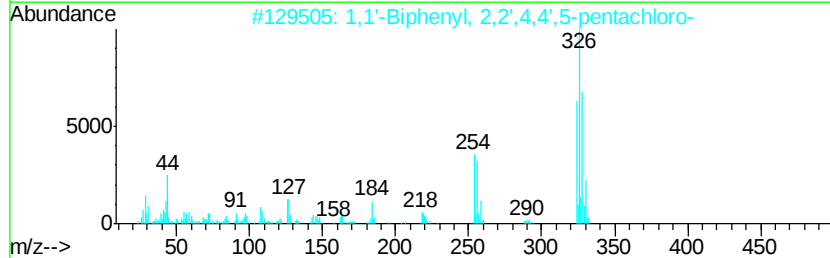
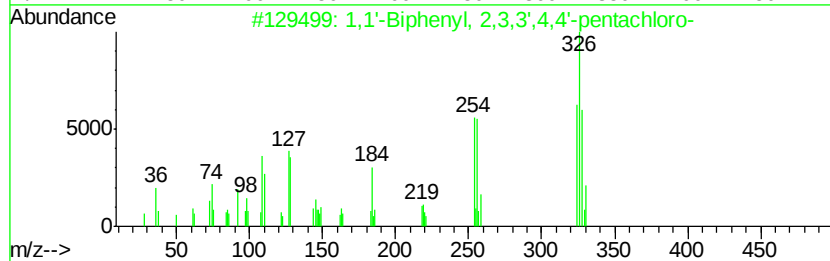
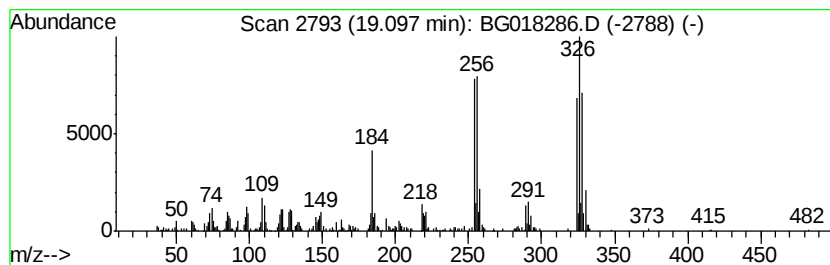
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	8.07 ng/ul	277339	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
3		1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95
4		1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95
5		1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

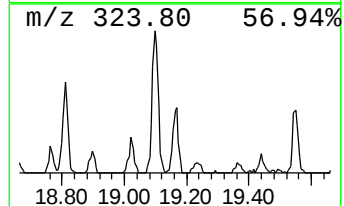
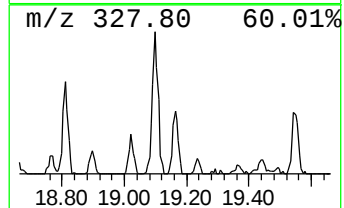
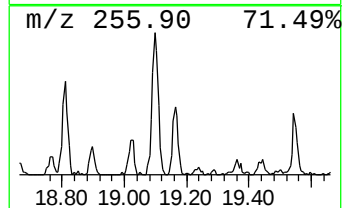
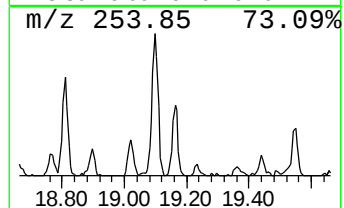
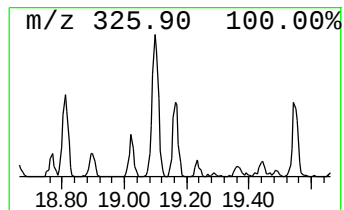
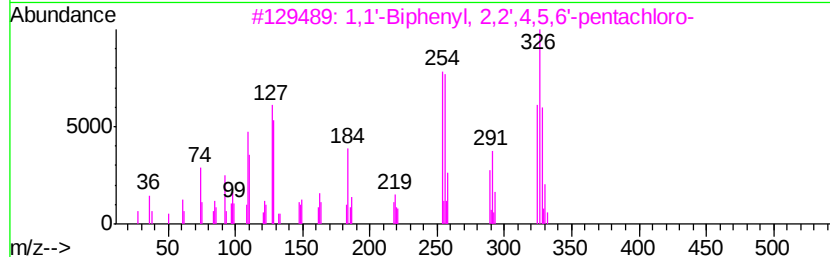
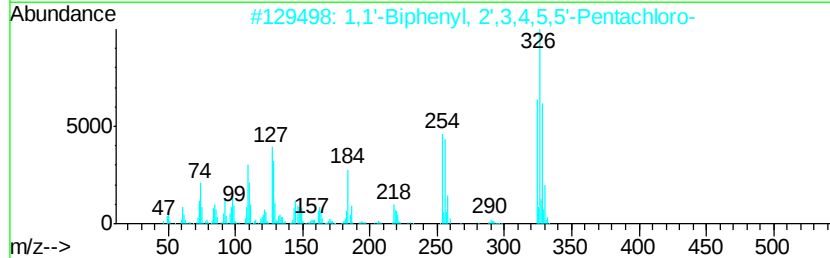
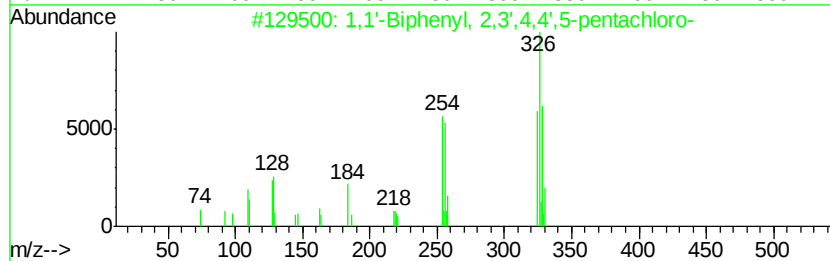
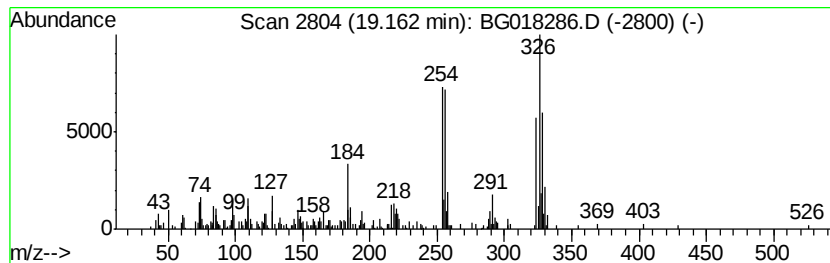
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	4.08 ng/ul	140230	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
2		1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95
3		1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	95
4		1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	95
5		1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

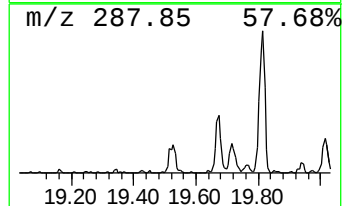
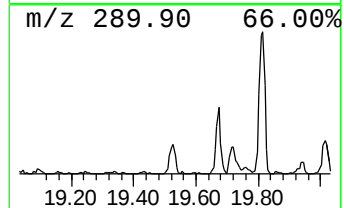
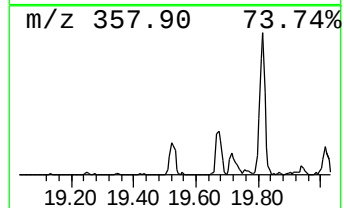
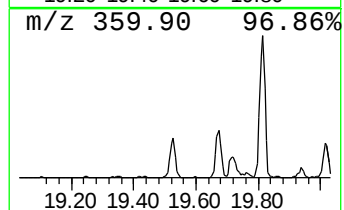
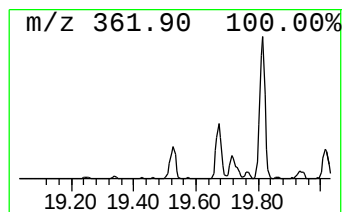
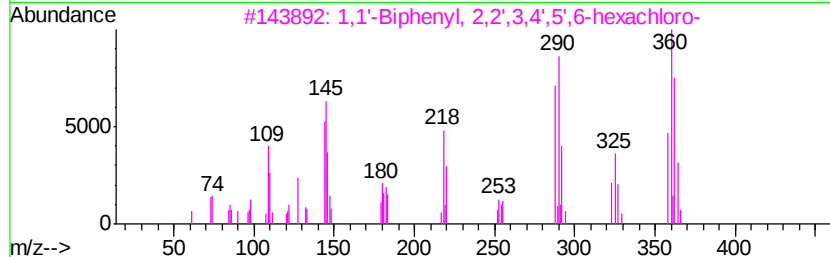
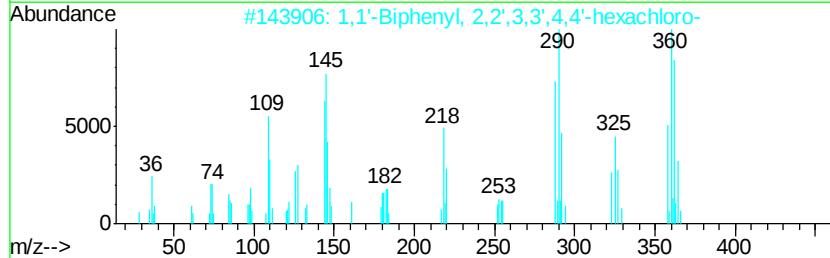
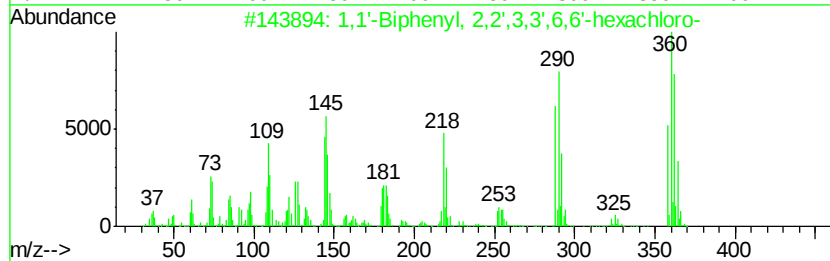
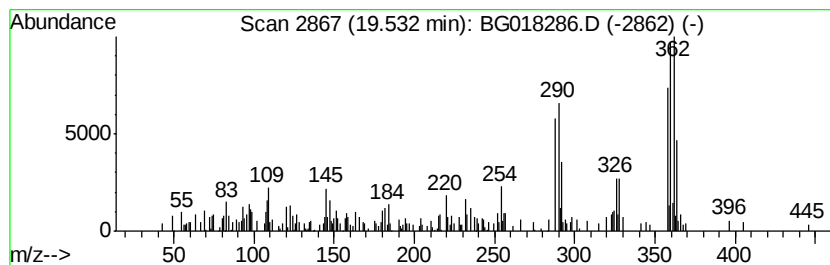
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.82 ng/ul	97091	Chrysene-d12	21.08

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	96
2		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96
3		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	95
4		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95
5		1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

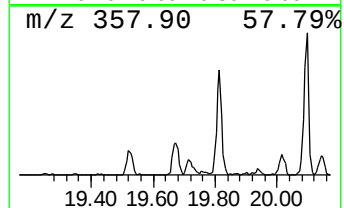
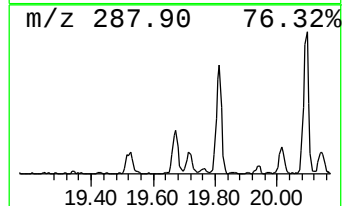
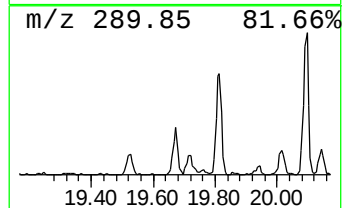
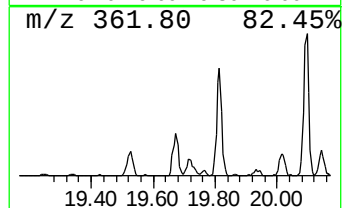
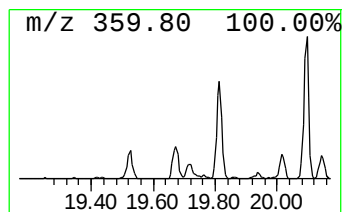
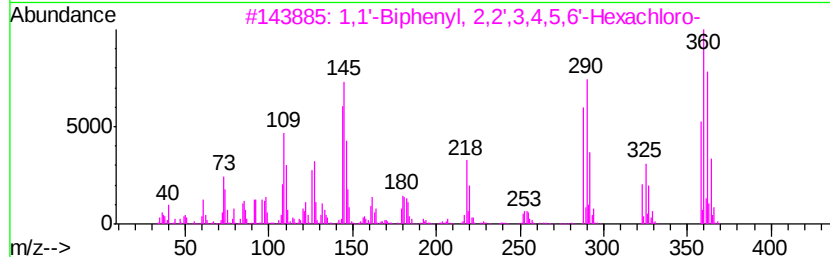
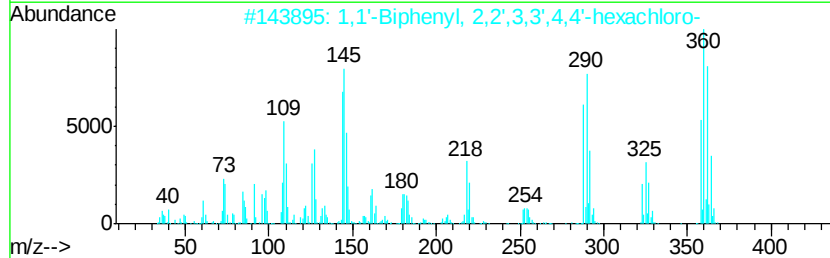
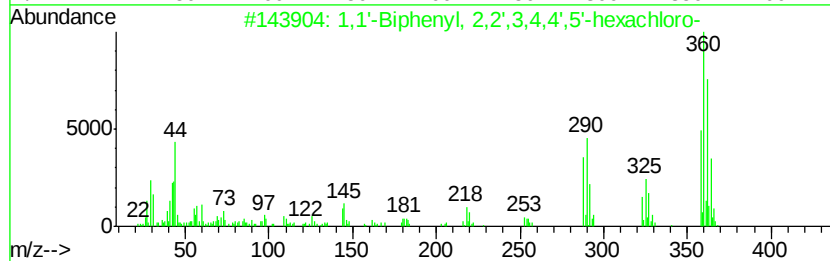
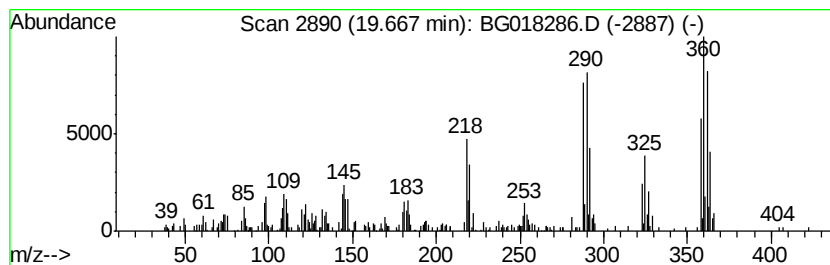
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	4.52 ng/ul	155530	Chrysene-d12	21.08

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	96
2		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	95
3		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	95
4		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	94
5		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

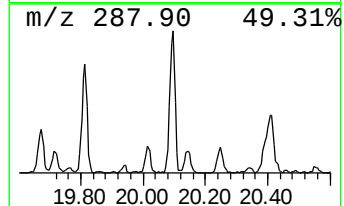
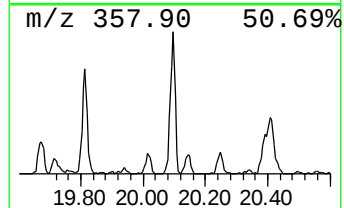
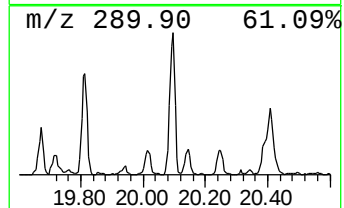
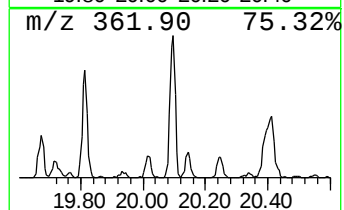
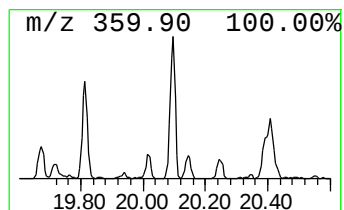
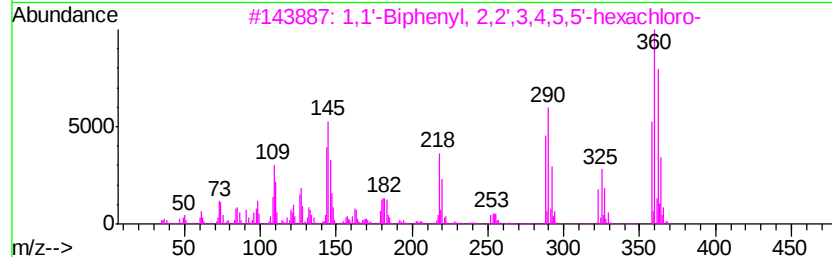
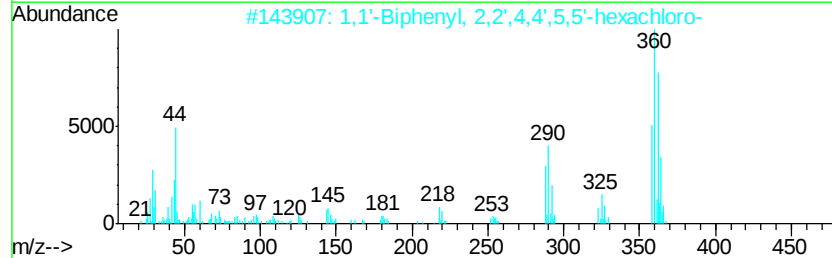
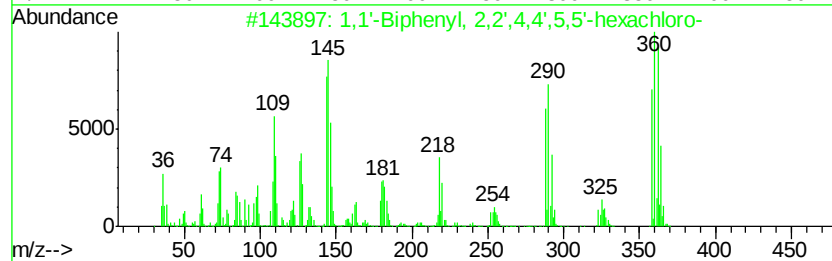
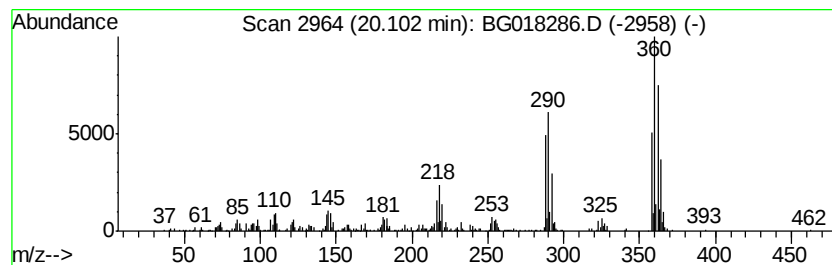
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	16.53 ng/ul	568244	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	97
2		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	95
3		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	94
4		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	94
5		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

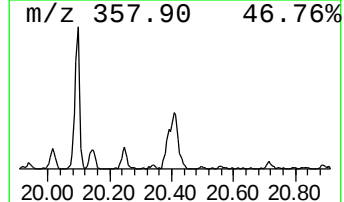
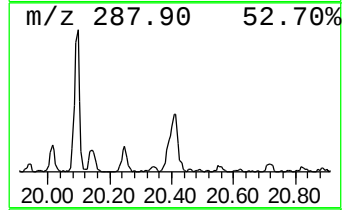
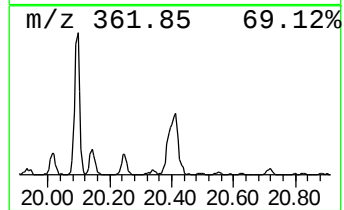
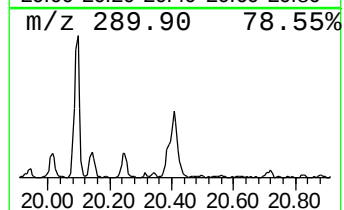
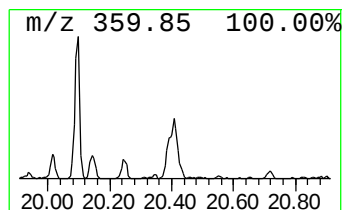
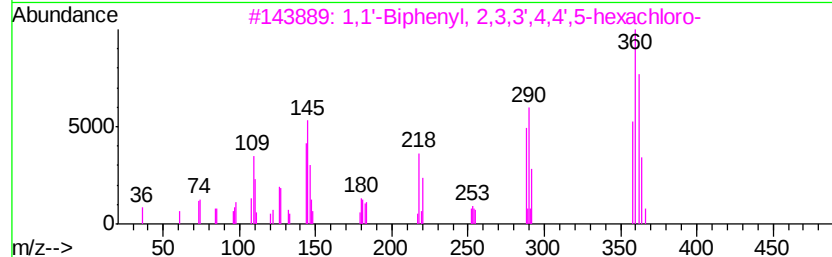
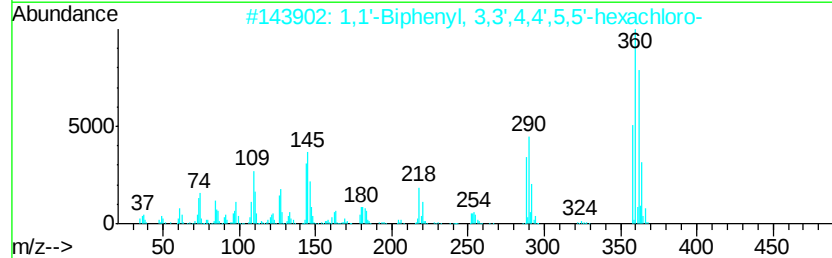
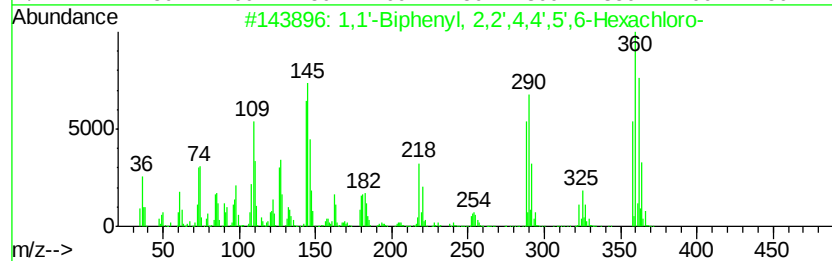
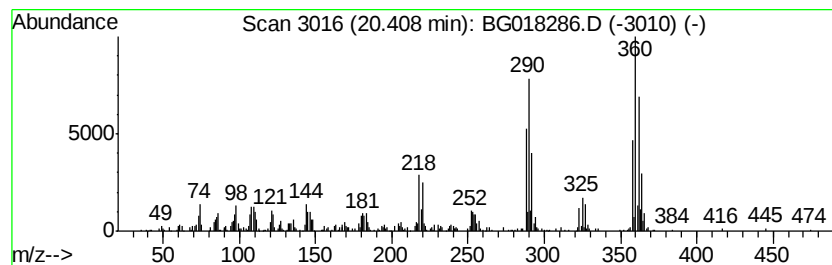
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	10.90 ng/ul	374782	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	96
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	96
3		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	95
4		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	94
5		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

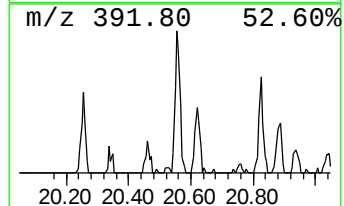
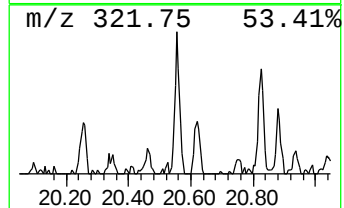
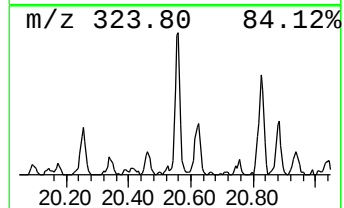
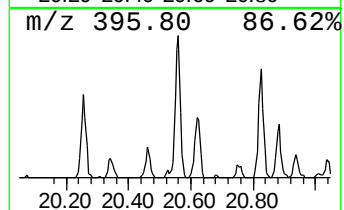
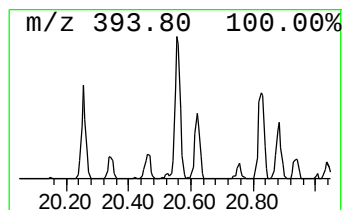
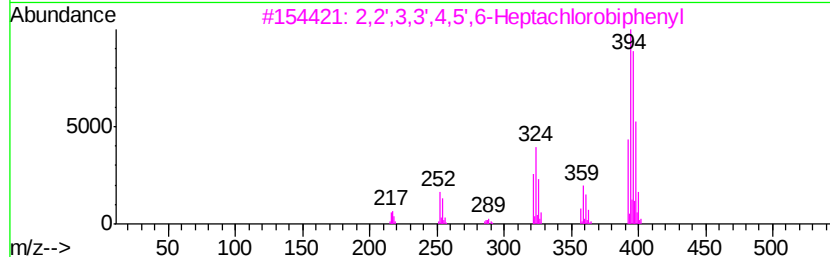
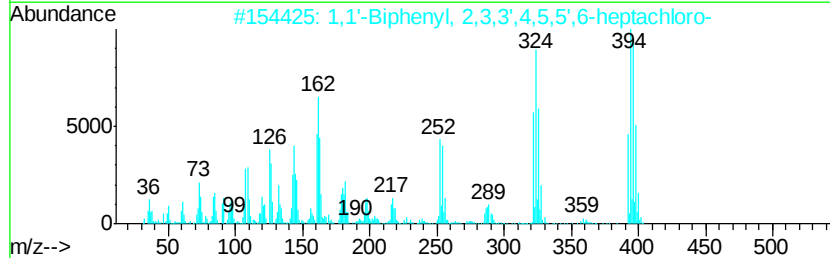
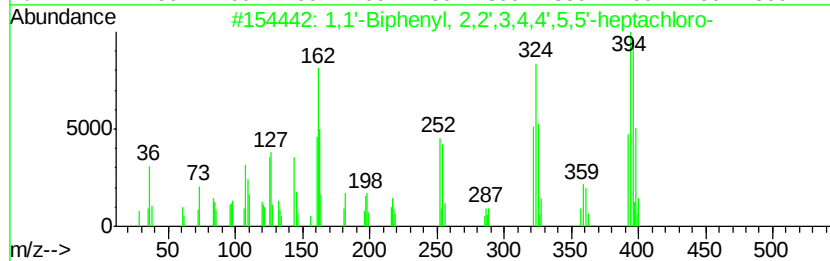
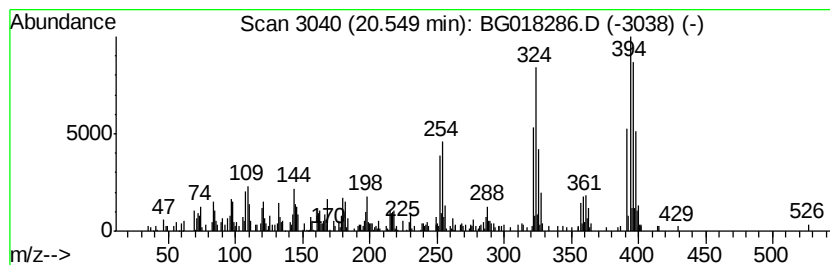
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	7.30 ng/ul	250910	Chrysene-d12	21.08

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	96
2		1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	96
3		2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	95
4		1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	94
5		1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018286.D
Acq On : 6 Aug 2015 00:22
Operator : UM/TP
Sample : G3095-21RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M5RE

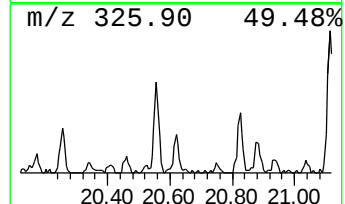
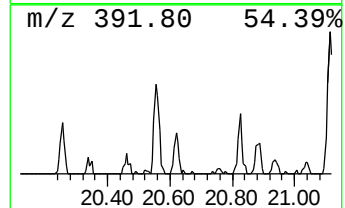
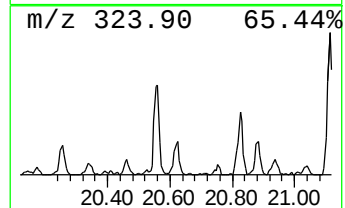
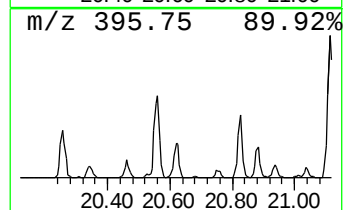
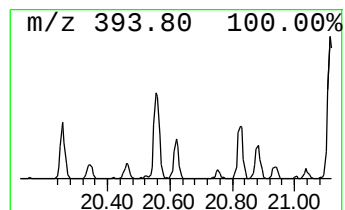
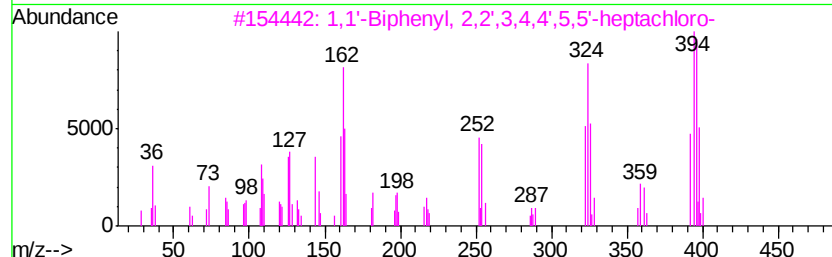
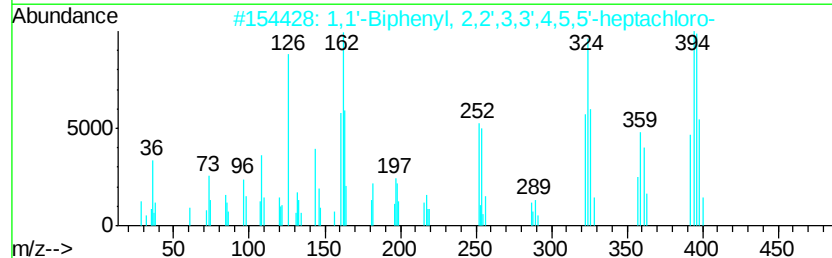
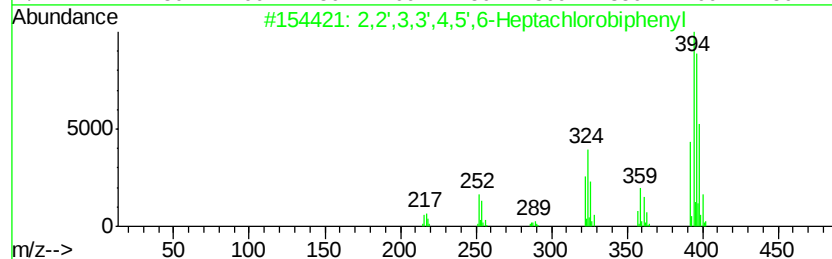
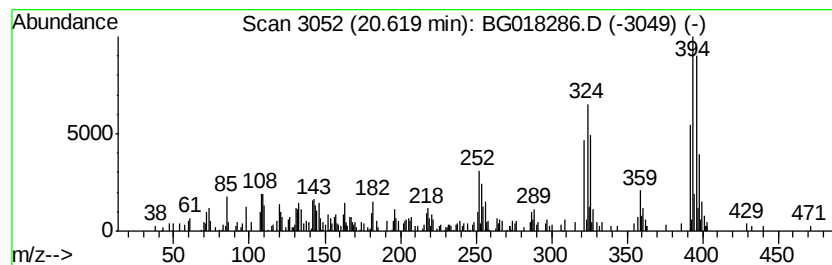
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	2.31 ng/ul	79275	Chrysene-d12	21.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	96		
2	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	94		
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	94		
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	93		
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	93		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018286.D
 Acq On : 6 Aug 2015 00:22
 Operator : UM/TP
 Sample : G3095-21RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M5RE

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, 2,...	17.59	2.1	ng/ul	108430	4	16.88	1021770	20.0
1,1'-Biphenyl, 2,...	18.05	3.0	ng/ul	154906	4	16.88	1021770	20.0
1,1'-Biphenyl, 2,...	18.81	4.1	ng/ul	207865	4	16.88	1021770	20.0
(2,3,4,5-Tetrachl...	19.02	2.2	ng/ul	74451	5	21.08	687585	20.0
1,1'-Biphenyl, 2,...	19.10	8.1	ng/ul	277339	5	21.08	687585	20.0
1,1'-Biphenyl, 2,...	19.16	4.1	ng/ul	140230	5	21.08	687585	20.0
1,1'-Biphenyl, 2,...	19.53	2.8	ng/ul	97091	5	21.08	687585	20.0
1,1'-Biphenyl, 2,...	19.67	4.5	ng/ul	155530	5	21.08	687585	20.0
1,1'-Biphenyl, 2,...	20.10	16.5	ng/ul	568244	5	21.08	687585	20.0
1,1'-Biphenyl, 2,...	20.41	10.9	ng/ul	374782	5	21.08	687585	20.0
1,1'-Biphenyl, 2,...	20.55	7.3	ng/ul	250910	5	21.08	687585	20.0
2,2',3,3',4,5',6-...	20.62	2.3	ng/ul	79275	5	21.08	687585	20.0