

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
 Data File : BG018346.D
 Acq On : 10 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3136-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01X8

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-BG080915.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	3.222	58	65	68	rBV9	11500	19999	0.86%	0.049%
2	4.039	201	204	209	rVV6	11560	16629	0.72%	0.041%
3	6.089	547	553	557	rBV8	7159	14047	0.61%	0.034%
4	6.747	660	665	670	rVB8	5659	11303	0.49%	0.028%
5	7.059	715	718	724	rBV7	8503	14212	0.61%	0.035%
6	7.235	742	748	757	rVV	201392	364765	15.73%	0.889%
7	7.399	769	776	783	rBV2	150947	256689	11.07%	0.626%
8	7.611	805	812	820	rVB	190838	334151	14.41%	0.814%
9	8.075	883	891	899	rBV	492578	861760	37.16%	2.100%
10	8.639	983	987	994	rVB8	9174	19888	0.86%	0.048%
11	8.774	1004	1010	1018	rVV	204446	342004	14.75%	0.833%
12	8.909	1027	1033	1039	rBV	12719	31301	1.35%	0.076%
13	9.232	1082	1088	1094	rVV	188024	323514	13.95%	0.788%
14	9.397	1112	1116	1119	rBV6	12291	18528	0.80%	0.045%
15	9.720	1166	1171	1174	rBV7	9331	14720	0.63%	0.036%
16	9.808	1182	1186	1191	rVB6	15036	22868	0.99%	0.056%
17	9.955	1202	1211	1218	rBV2	145102	286917	12.37%	0.699%
18	10.067	1225	1230	1234	rBV7	20513	38894	1.68%	0.095%
19	10.502	1295	1304	1313	rVB	250528	463002	19.96%	1.128%
20	10.884	1358	1369	1376	rBV	822815	1531566	66.04%	3.732%
21	11.007	1385	1390	1400	rVB2	126678	260230	11.22%	0.634%
22	11.383	1449	1454	1458	rVB7	12305	21772	0.94%	0.053%
23	11.442	1462	1464	1472	rVB10	8721	13526	0.58%	0.033%
24	11.530	1472	1479	1484	rBV5	25208	63687	2.75%	0.155%
25	11.594	1487	1490	1493	rVB5	11573	13925	0.60%	0.034%
26	11.653	1497	1500	1505	rVB7	8950	13013	0.56%	0.032%
27	11.724	1507	1512	1515	rVB6	9940	14763	0.64%	0.036%
28	11.794	1519	1524	1532	rVB6	14399	31753	1.37%	0.077%
29	11.906	1534	1543	1546	rBV2	40576	62327	2.69%	0.152%
30	12.164	1582	1587	1592	rBV8	13382	28144	1.21%	0.069%
31	12.294	1606	1609	1613	rBV5	14974	16773	0.72%	0.041%
32	12.493	1639	1643	1644	rBV3	11608	14199	0.61%	0.035%
33	12.523	1646	1648	1655	rVB5	34545	61829	2.67%	0.151%
34	12.617	1655	1664	1669	rBV5	18389	55617	2.40%	0.136%

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35	12.746	1682	1686	1694	rVB10	19220	38390	1.66%	0.094%
36	12.922	1712	1716	1719	rBV5	14411	22757	0.98%	0.055%
37	13.063	1737	1740	1744	rVB6	15971	17497	0.75%	0.043%
38	13.151	1752	1755	1758	rVB5	13617	15277	0.66%	0.037%
39	13.240	1766	1770	1776	rVB2	61205	89269	3.85%	0.218%
40	13.310	1776	1782	1787	rVB7	32370	67505	2.91%	0.165%
41	13.498	1810	1814	1815	rVV3	26667	28578	1.23%	0.070%
42	13.522	1815	1818	1825	rVB5	42176	80211	3.46%	0.195%
43	13.592	1827	1830	1831	rBV2	13905	14783	0.64%	0.036%
44	13.686	1844	1846	1851	rBV6	10779	16014	0.69%	0.039%
45	13.968	1891	1894	1895	rBV2	17496	21230	0.92%	0.052%
46	14.097	1911	1916	1920	rBV	433611	650428	28.04%	1.585%
47	14.144	1920	1924	1928	rVV	235541	375059	16.17%	0.914%
48	14.180	1928	1930	1935	rVB2	98204	126220	5.44%	0.308%
49	14.227	1935	1938	1945	rVB9	25458	55857	2.41%	0.136%
50	14.391	1961	1966	1972	rBV	444546	649998	28.03%	1.584%
51	14.532	1986	1990	1996	rVB3	91412	140860	6.07%	0.343%
52	14.591	1996	2000	2007	rBV5	57098	113013	4.87%	0.275%
53	14.697	2009	2018	2025	rBV2	1303771	2229691	96.14%	5.434%
54	14.761	2027	2029	2031	rBV2	21794	17723	0.76%	0.043%
55	14.879	2044	2049	2055	rBV2	110075	186675	8.05%	0.455%
56	15.026	2070	2074	2078	rBV4	35365	58368	2.52%	0.142%
57	15.096	2083	2086	2090	rVB2	65360	88275	3.81%	0.215%
58	15.220	2103	2107	2111	rBV3	49301	69024	2.98%	0.168%
59	15.490	2150	2153	2158	rVV6	46032	63206	2.73%	0.154%
60	15.543	2159	2162	2166	rVB	60930	75706	3.26%	0.184%
61	15.684	2181	2186	2192	rVB	538519	825928	35.61%	2.013%
62	15.743	2192	2196	2199	rBV3	45525	68215	2.94%	0.166%
63	15.948	2226	2231	2237	rVB2	323742	470503	20.29%	1.147%
64	16.430	2305	2313	2318	rBV2	270323	494854	21.34%	1.206%
65	16.671	2350	2354	2358	rVB2	108985	154102	6.64%	0.376%
66	16.970	2401	2405	2409	rBV3	102244	148274	6.39%	0.361%
67	17.194	2441	2443	2447	rVB	70931	70490	3.04%	0.172%
68	17.253	2449	2453	2458	rVB2	160243	223267	9.63%	0.544%
69	17.317	2460	2464	2467	rVV	189442	249263	10.75%	0.607%
70	17.352	2467	2470	2475	rVB2	171968	218851	9.44%	0.533%
71	17.441	2479	2485	2489	rBV2	1480237	2319293	100.00%	5.652%

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72	17.482	2489	2492	2496	rVV	397654	558527	24.08%	1.361%
73	17.540	2497	2502	2507	rVV2	482737	770588	33.23%	1.878%
74	17.611	2511	2514	2522	rVB4	139809	233223	10.06%	0.568%
75	18.034	2581	2586	2592	rVB2	288481	602339	25.97%	1.468%
76	18.163	2604	2608	2612	rVB4	151787	234653	10.12%	0.572%
77	18.328	2633	2636	2640	rBV5	169152	227078	9.79%	0.553%
78	18.504	2662	2666	2671	rBV2	879401	1183686	51.04%	2.885%
79	18.563	2673	2676	2680	rVV	471192	633684	27.32%	1.544%
80	18.610	2681	2684	2690	rVB3	275887	391701	16.89%	0.955%
81	18.786	2711	2714	2720	rBV2	348918	483814	20.86%	1.179%
82	19.321	2800	2805	2807	rBV	740784	1088507	46.93%	2.653%
83	19.350	2807	2810	2818	rVB3	1017296	1521435	65.60%	3.708%
84	19.485	2829	2833	2837	rBV	634947	877280	37.83%	2.138%
85	19.626	2853	2857	2862	rVB	1430942	1933667	83.37%	4.712%
86	19.691	2864	2868	2872	rBV	686361	893792	38.54%	2.178%
87	19.820	2886	2890	2893	rBV2	590510	910100	39.24%	2.218%
88	19.849	2893	2895	2898	rVV	553487	639866	27.59%	1.559%
89	19.885	2899	2901	2905	rVB	391641	420523	18.13%	1.025%
90	19.961	2911	2914	2918	rVB	438162	519404	22.39%	1.266%
91	20.073	2929	2933	2940	rVB2	1371341	2102390	90.65%	5.123%
92	20.126	2940	2942	2947	rVB	235362	265111	11.43%	0.646%
93	20.243	2959	2962	2967	rVB2	505640	693238	29.89%	1.689%
94	20.331	2973	2977	2981	rBV5	688054	1031088	44.46%	2.513%
95	20.384	2982	2986	2990	rVB	1041842	1310183	56.49%	3.193%
96	20.607	3020	3024	3028	rBV	681169	883844	38.11%	2.154%
97	20.931	3076	3079	3083	rVB	533733	591170	25.49%	1.441%
98	21.025	3093	3095	3101	rVB	391702	526093	22.68%	1.282%
99	21.089	3103	3106	3113	rVB3	835034	1231167	53.08%	3.000%
100	21.712	3207	3212	3217	rBV	1150566	2064427	89.01%	5.031%

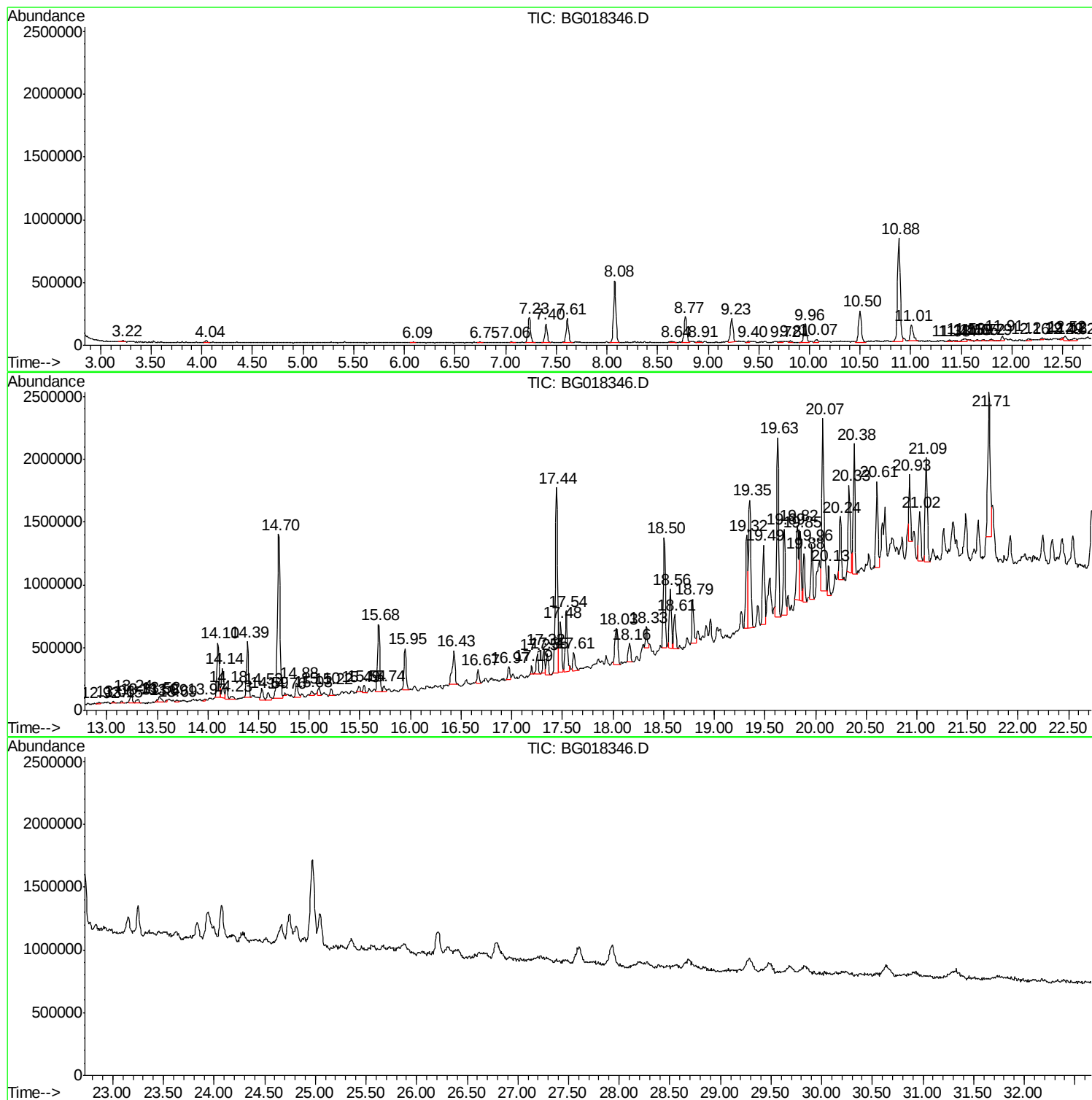
Sum of corrected areas: 41035547

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



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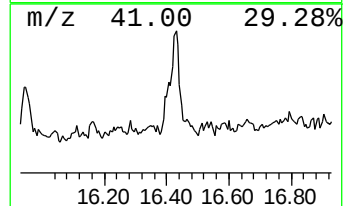
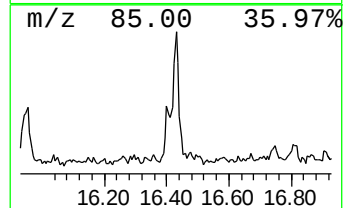
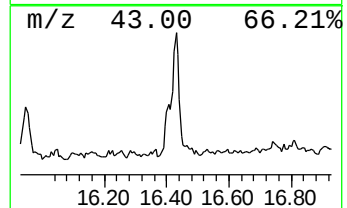
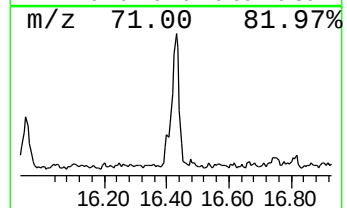
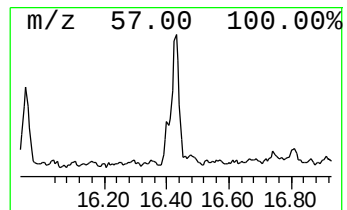
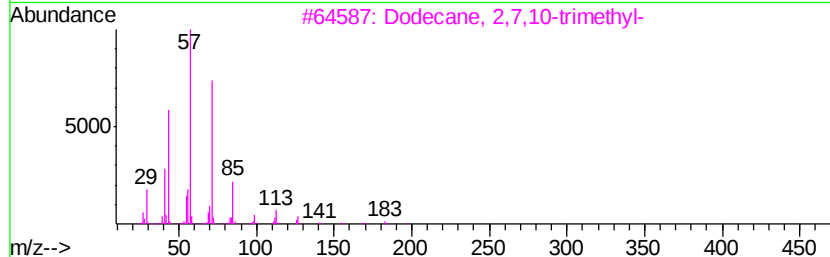
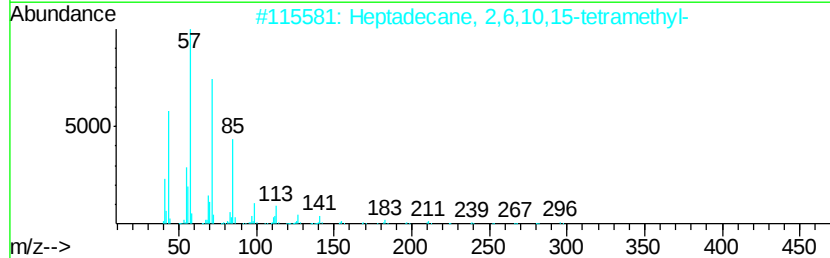
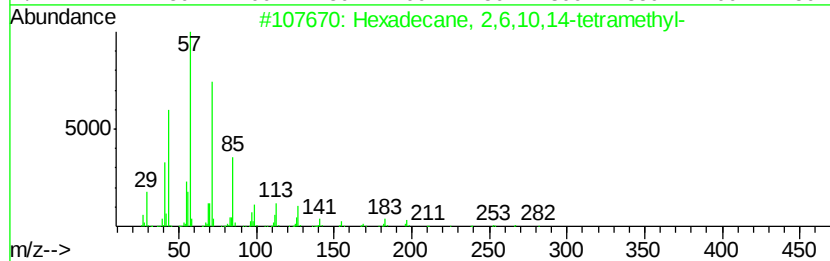
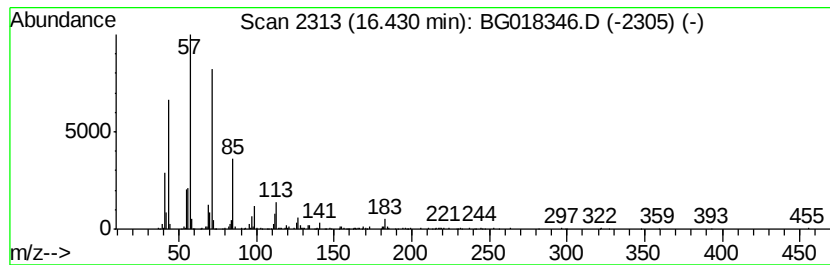
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	4.27 ng/ul	494854	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	80



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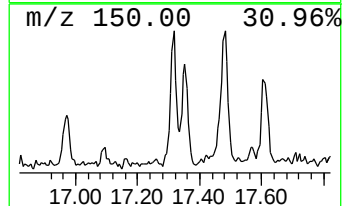
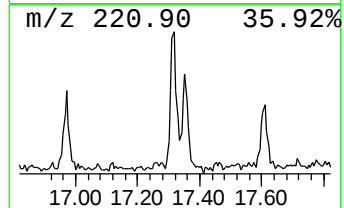
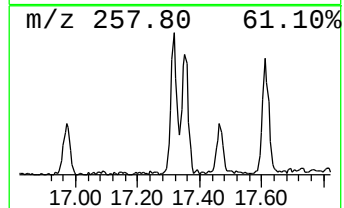
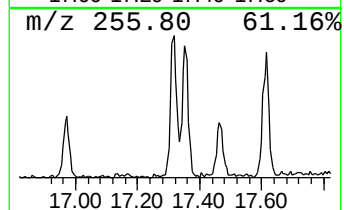
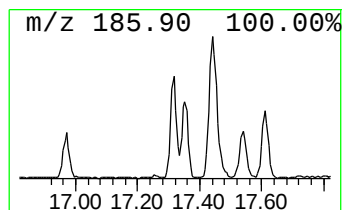
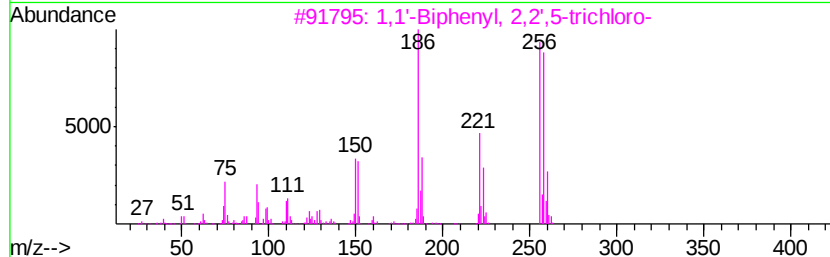
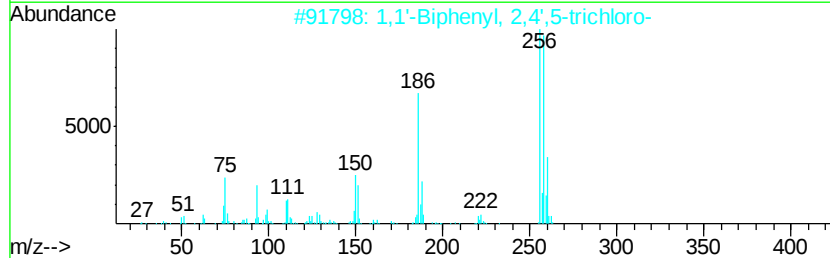
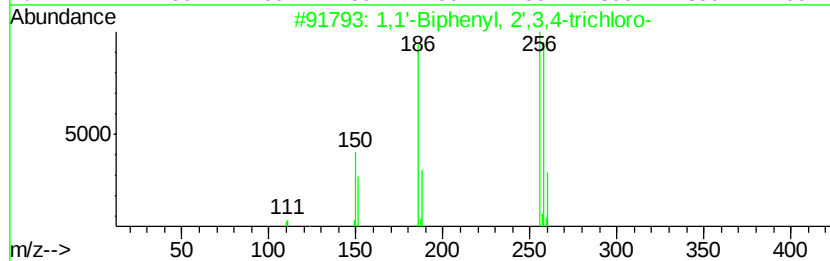
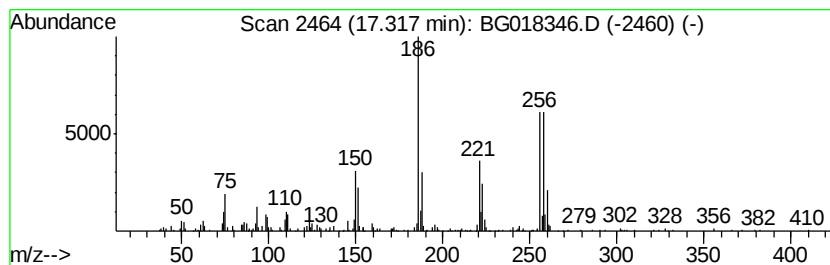
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	2.15 ng/ul	249263	Phenanthrene-d10	17.44

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, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
3			1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	92
4			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	90
5			1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	87



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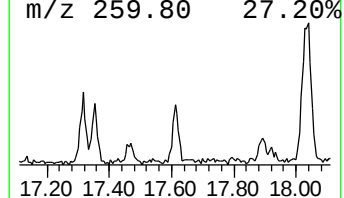
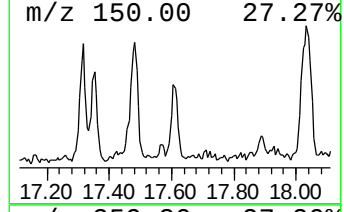
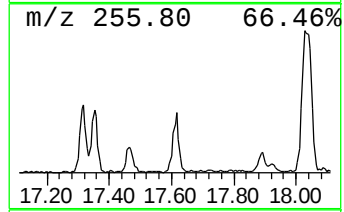
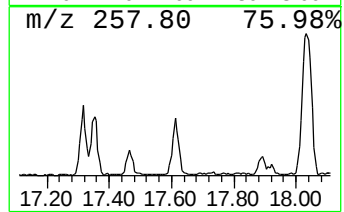
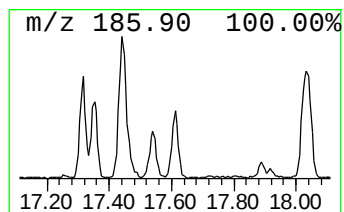
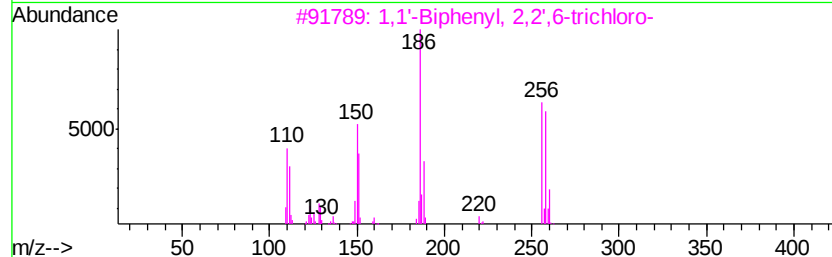
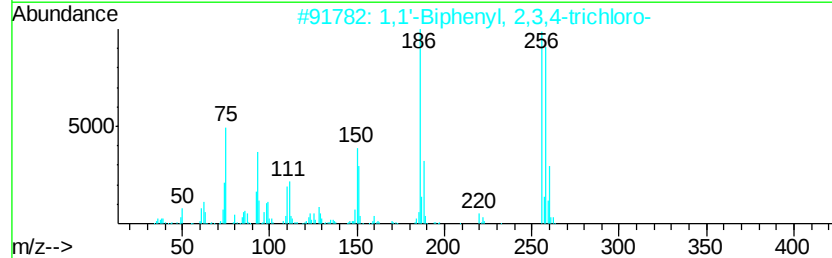
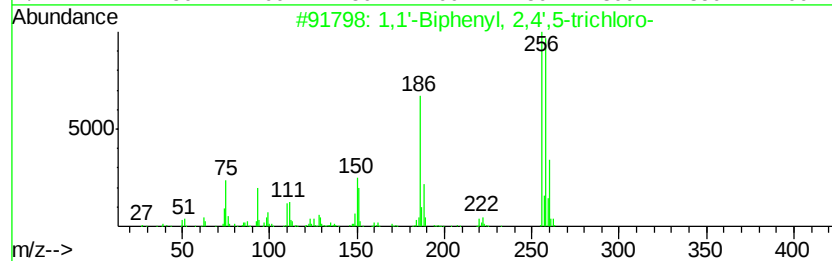
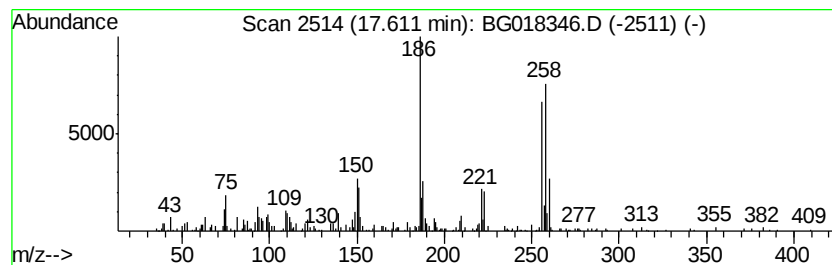
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Peak Number 3 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	2.01 ng/ul	233223	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	93
2		1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	91
3		1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	90
4		1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	90
5		1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01X8

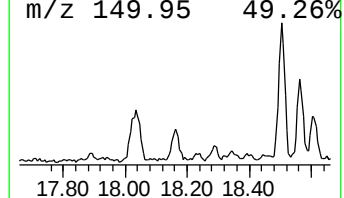
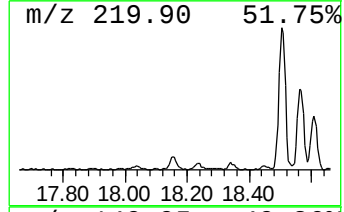
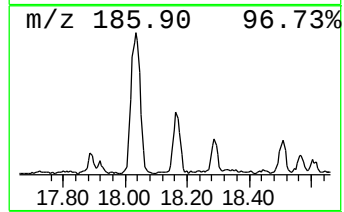
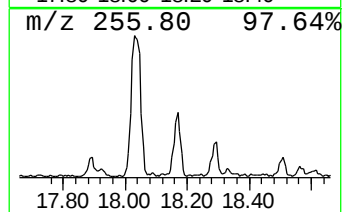
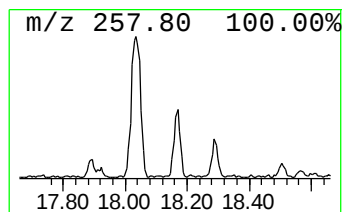
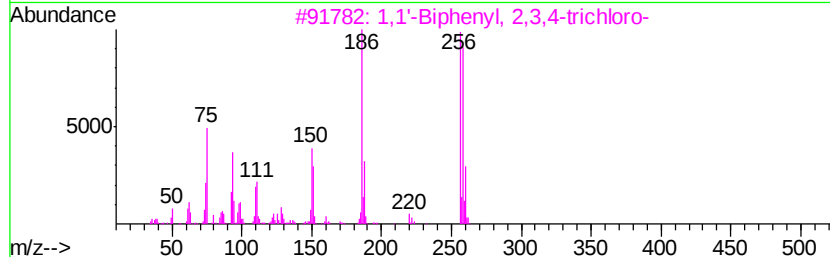
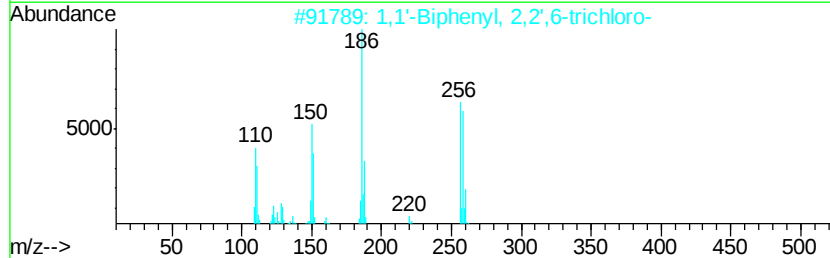
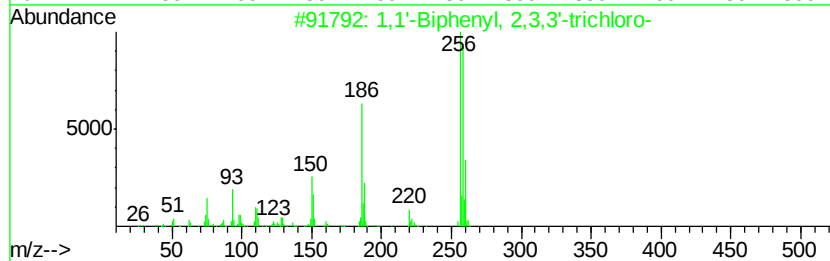
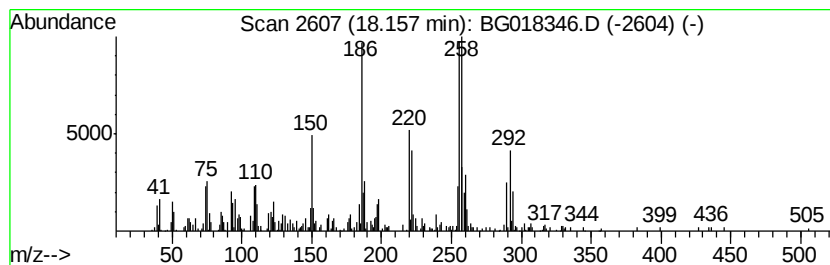
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.02 ng/ul	234653	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	95
2		1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	93
3		1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	93
4		1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	93
5		1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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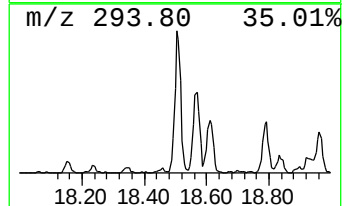
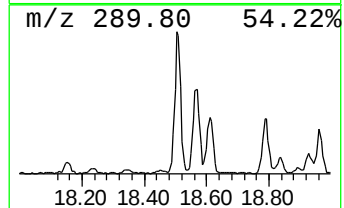
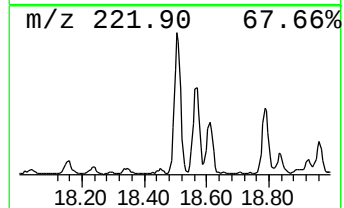
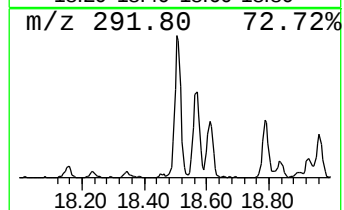
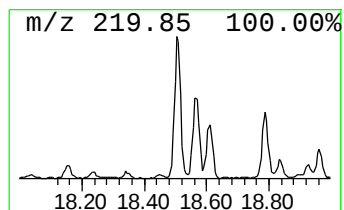
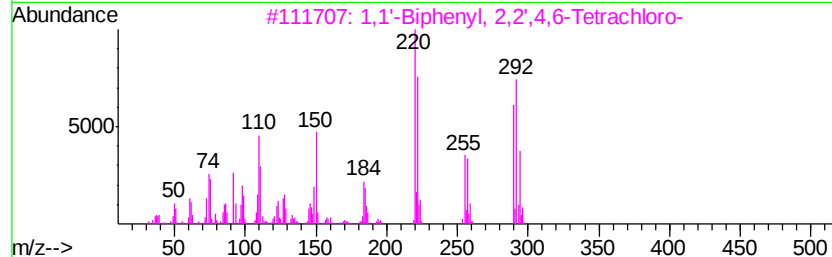
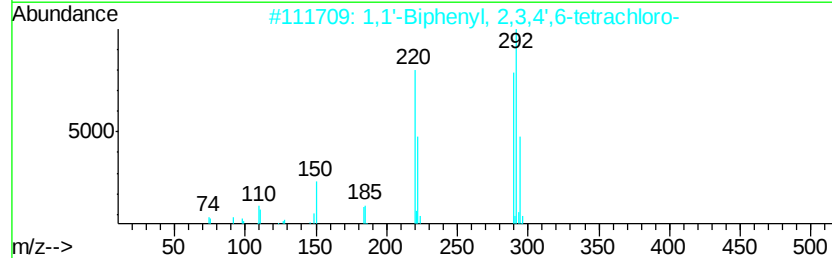
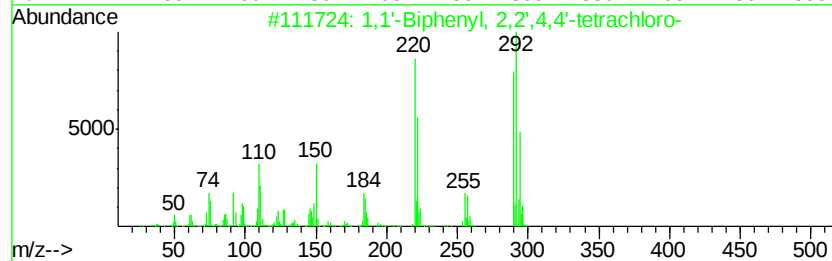
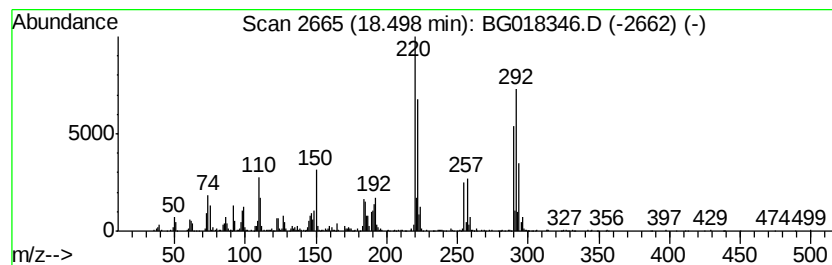
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	10.21 ng/ul	1183690	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3		1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
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BNA_G
ClientSampleId :
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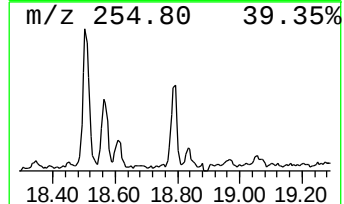
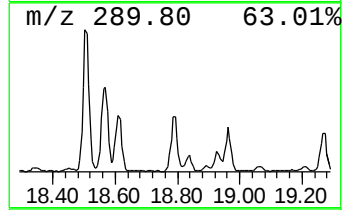
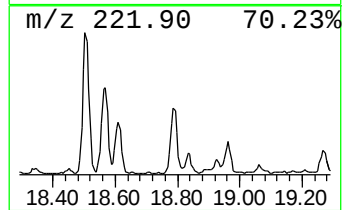
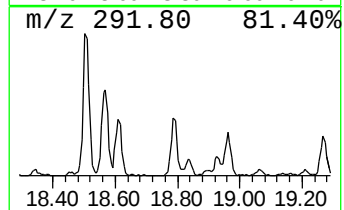
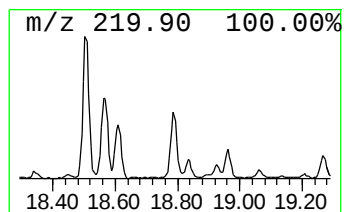
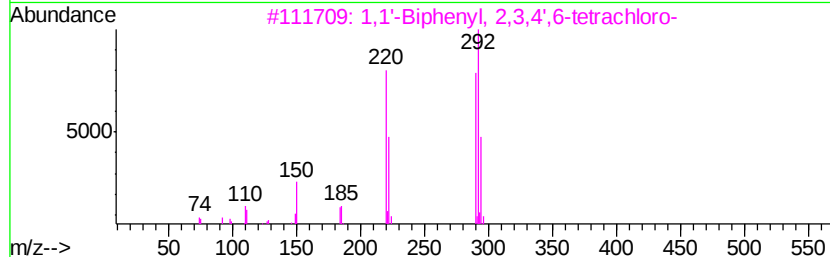
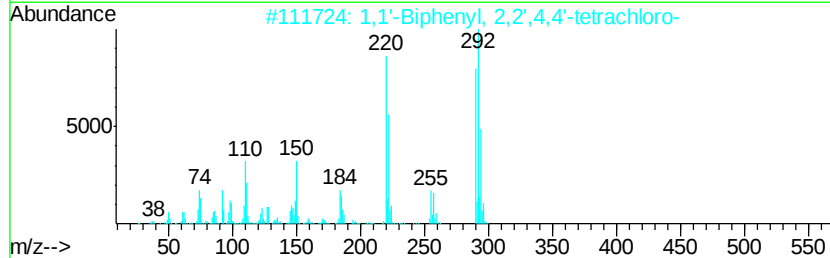
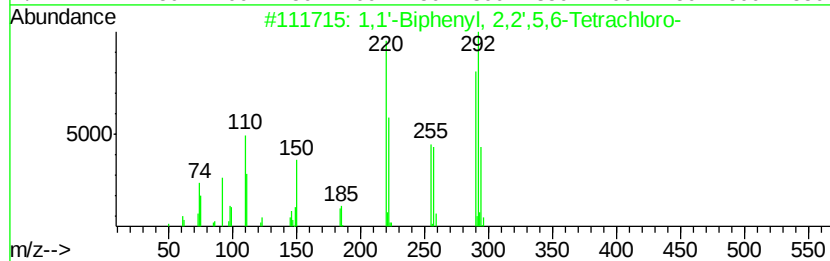
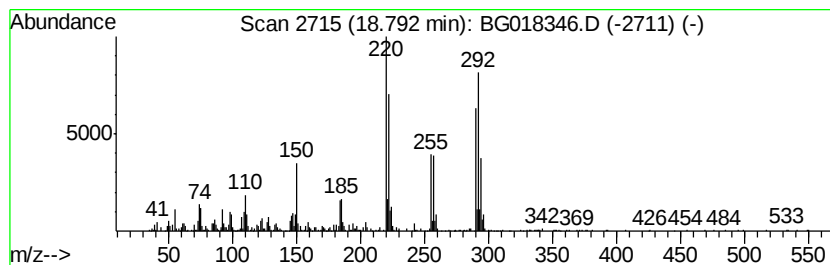
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	4.17 ng/ul	483814	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
2			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3			1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4			1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5			1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

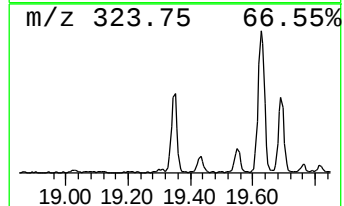
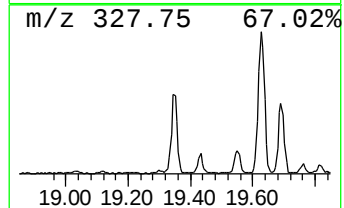
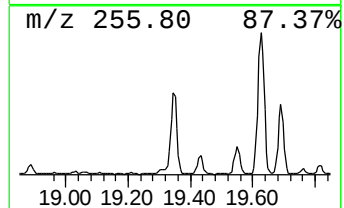
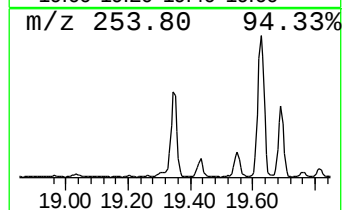
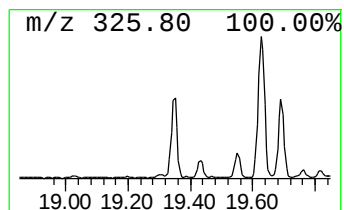
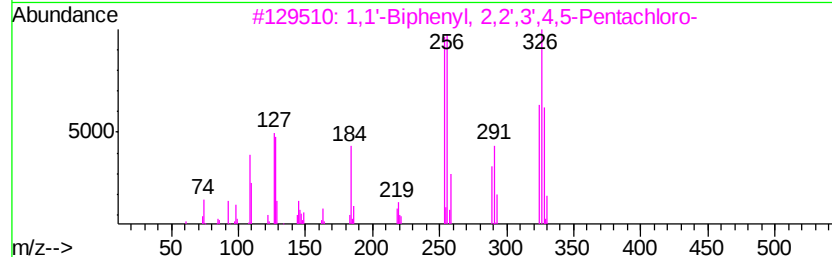
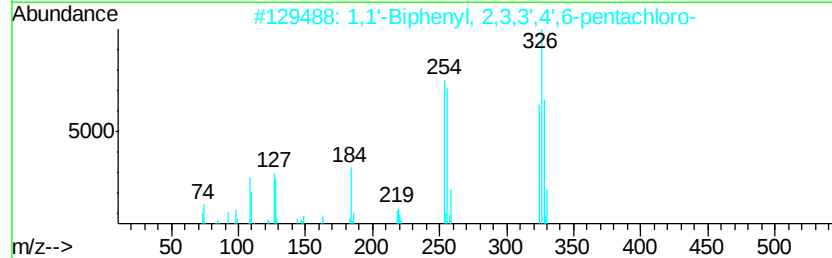
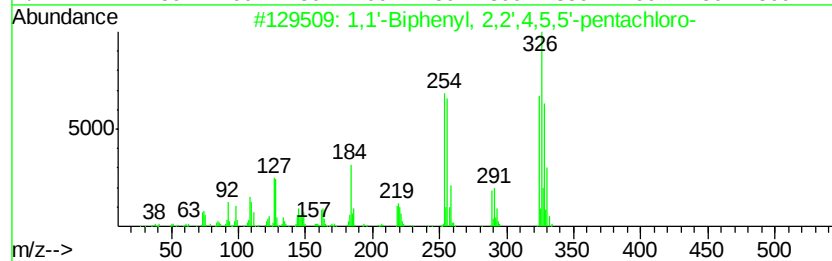
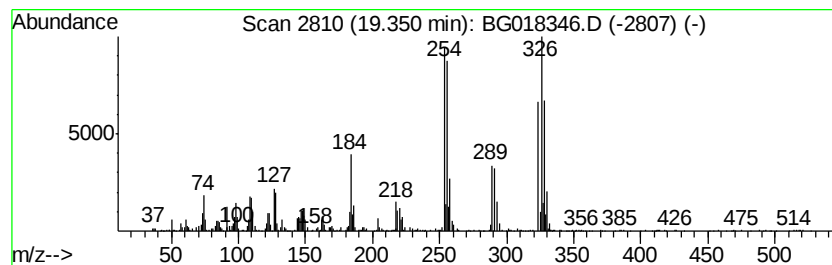
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.35	13.12 ng/ul	1521440	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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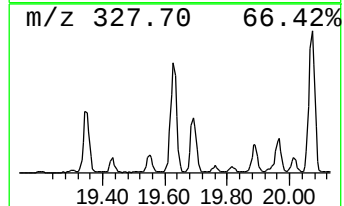
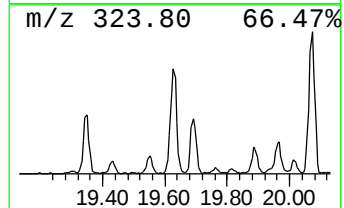
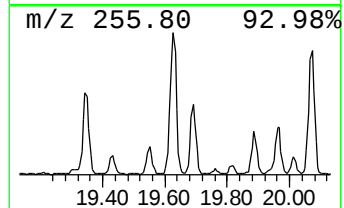
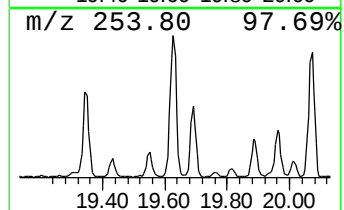
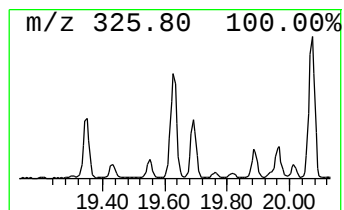
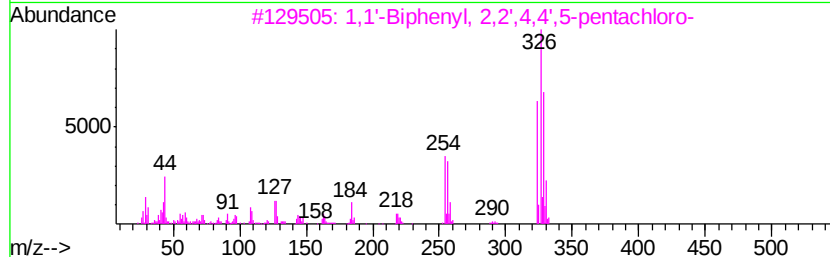
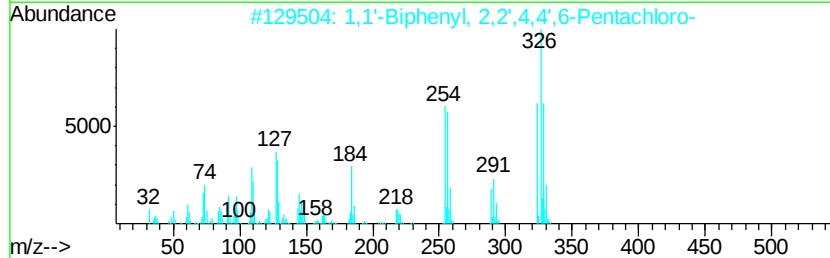
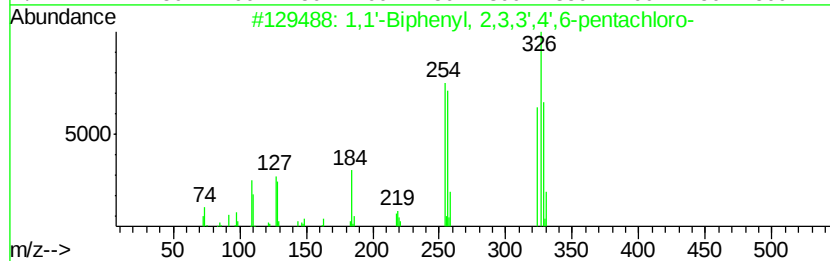
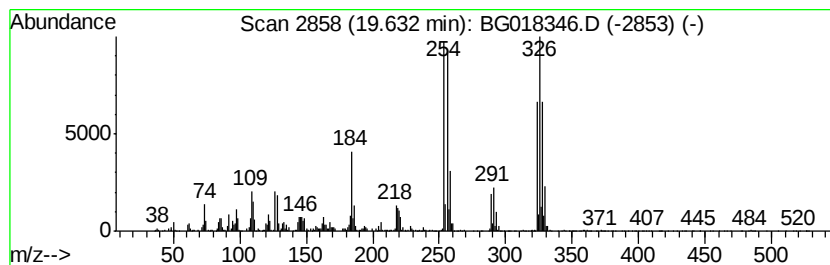
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	18.73 ng/ul	1933670	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
4		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
5		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
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Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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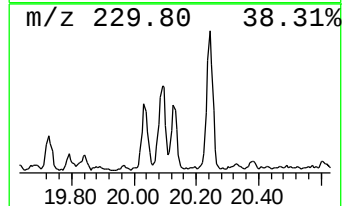
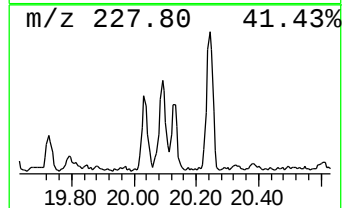
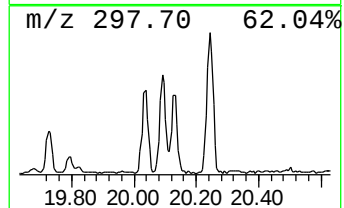
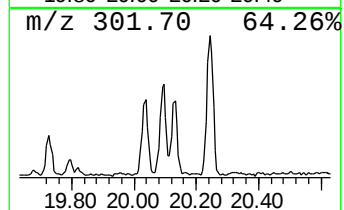
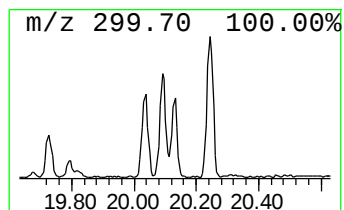
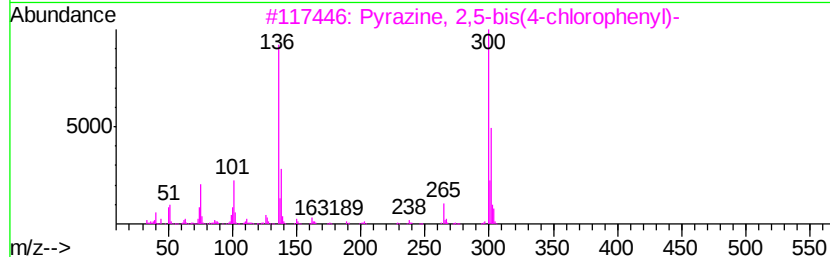
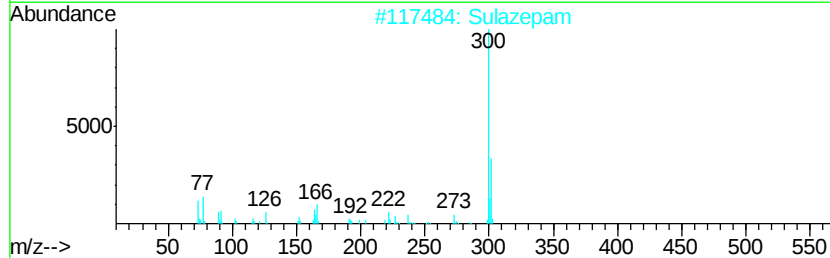
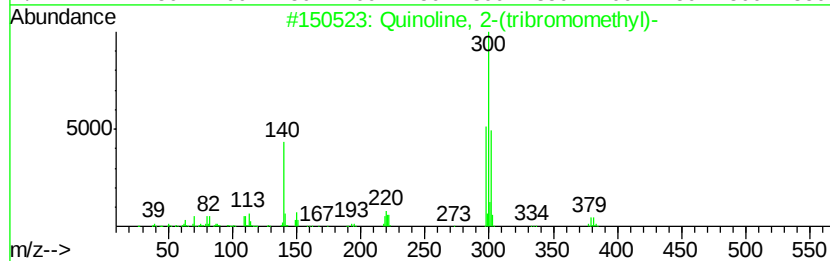
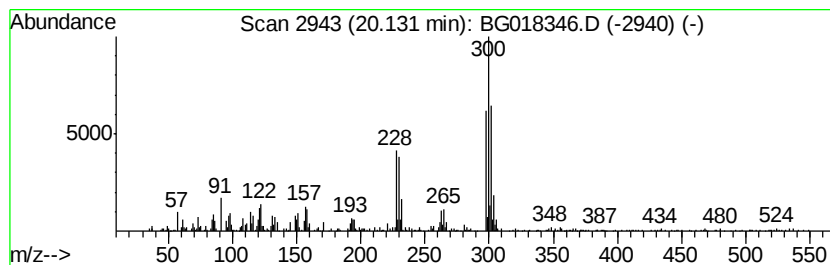
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	2.57 ng/ul	265111	Chrysene-d12	21.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Quinoline, 2-(tribromomethyl)-	377	C10H6Br3N	000613-53-6	37
2			Sulazepam	300	C16H13ClN2S	002898-13-7	30
3			Pyrazine, 2,5-bis(4-chlorophenyl)-	300	C16H10Cl2N2	074376-33-3	25
4			Acetophenone, 4'-bromo-2-[3-(p-b...	497	C23H17Br2NO2	021326-93-2	25
5			10H-Phenothiaphosphine, 7-chloro...	300	C12H7ClF02PS	054934-84-8	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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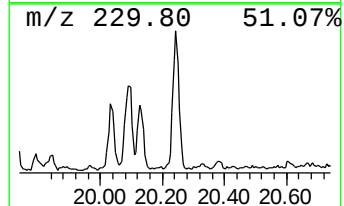
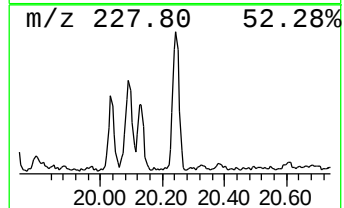
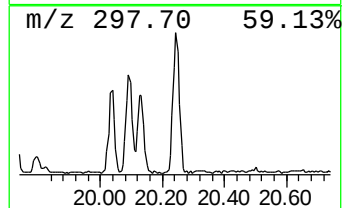
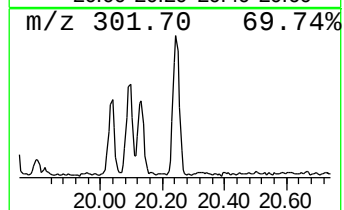
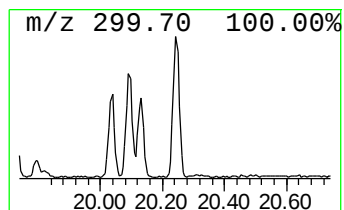
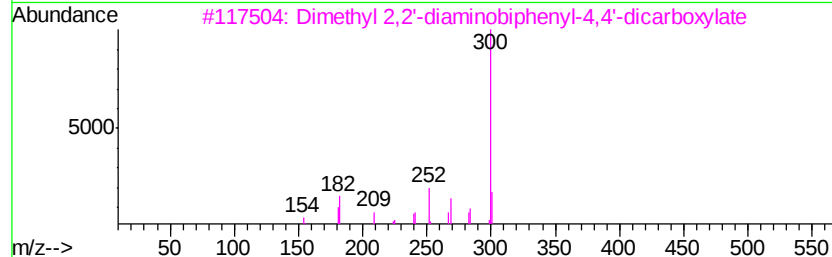
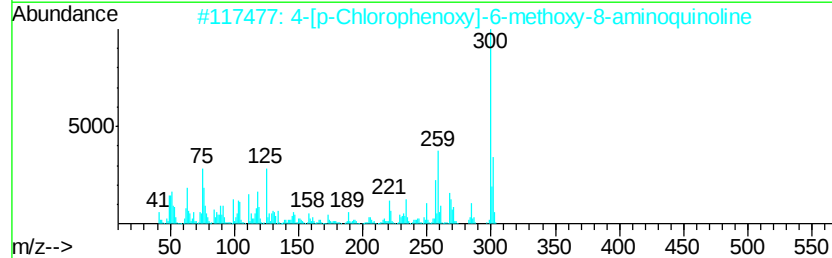
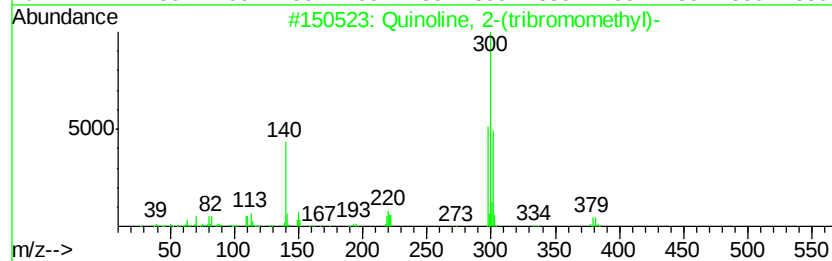
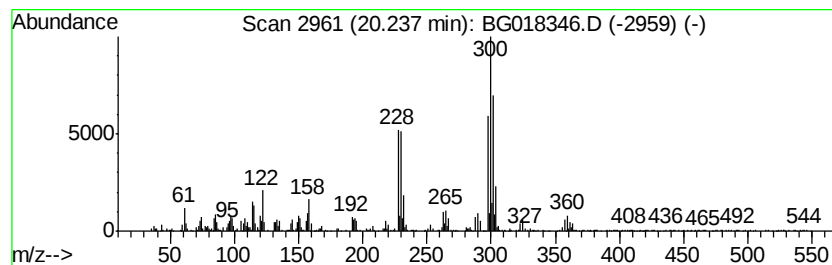
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	6.72 ng/ul	693238	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinoline, 2-(tribromomethyl)-	377	C10H6Br3N	000613-53-6	43
2		4-[p-Chlorophenoxy]-6-methoxy-8-...	300	C16H13ClN2O2	063456-90-6	27
3		Dimethyl 2,2'-diaminobiphenyl-4,...	300	C16H16N2O4	023933-57-5	14
4		Imidazo[1,2-b]1,2,4-triazine, 6-...	300	C19H16N4	309740-69-0	14
5		Acridin-9-yl-(3-methoxy-phenyl)-...	300	C20H16N2O	075775-67-6	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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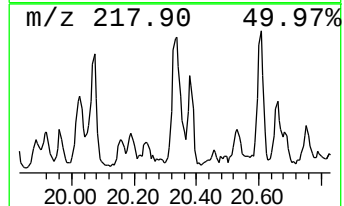
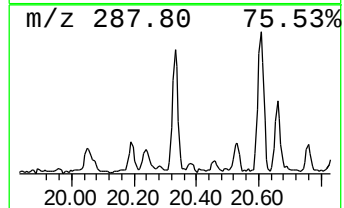
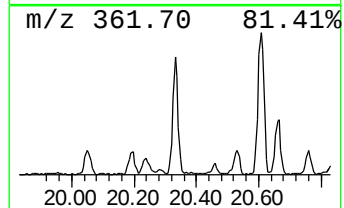
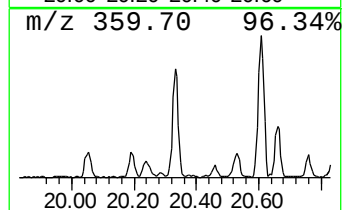
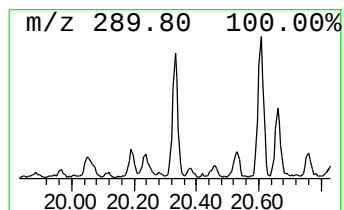
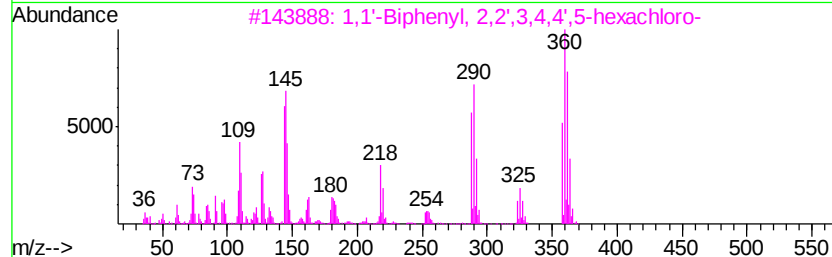
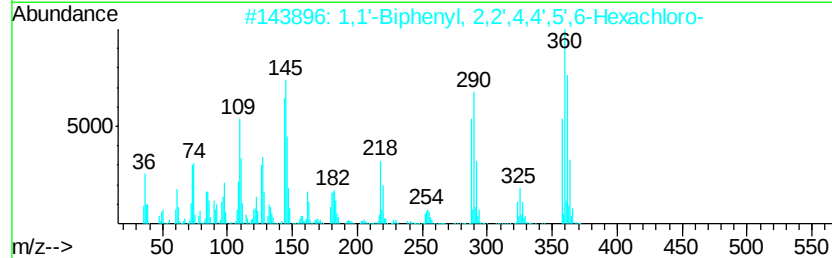
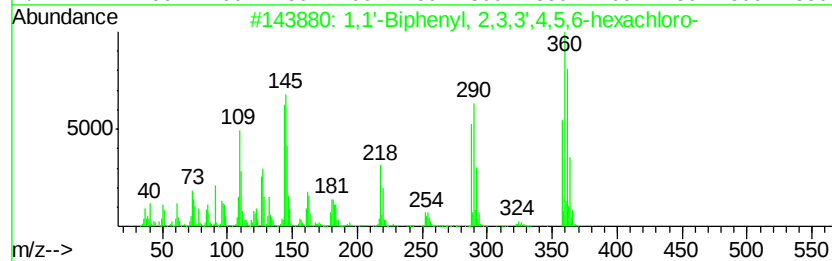
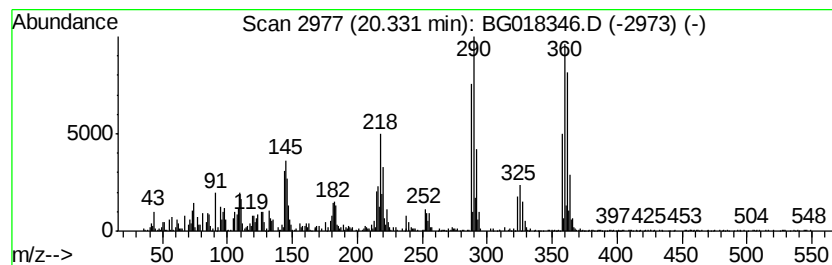
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	9.99 ng/ul	1031090	Chrysene-d12	21.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl	2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'	-Biphenyl	2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	1,1'	-Biphenyl	2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'	-Biphenyl	2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'	-Biphenyl	2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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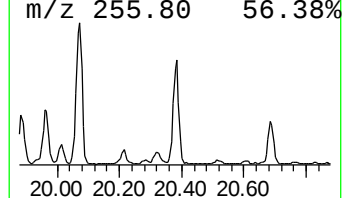
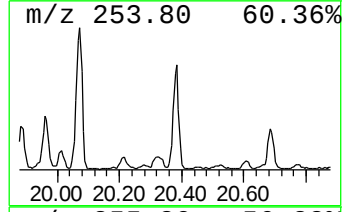
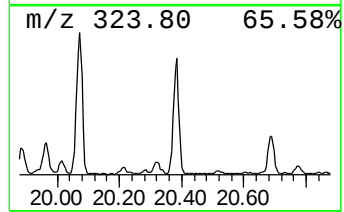
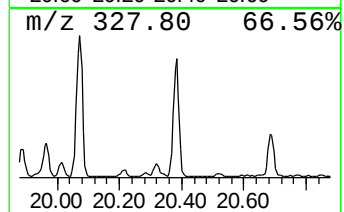
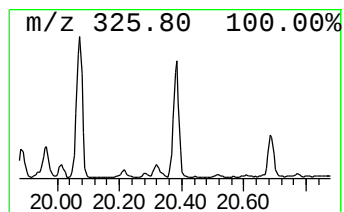
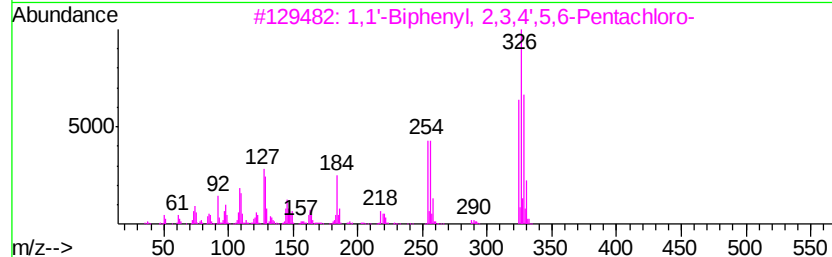
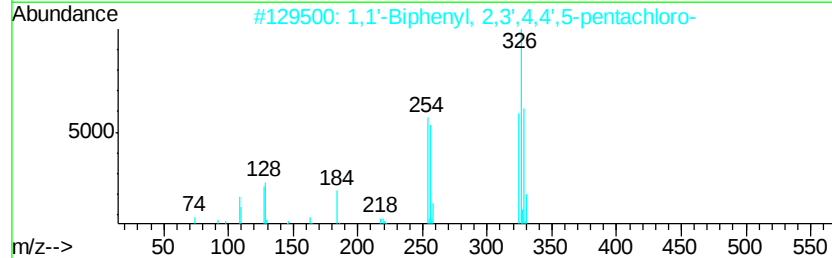
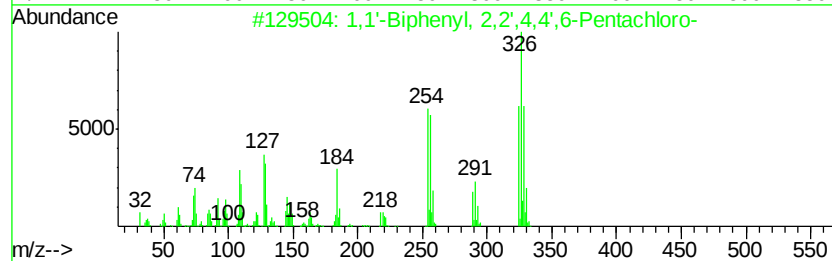
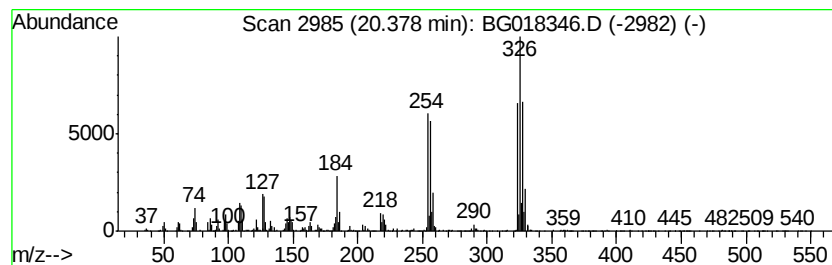
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	12.69 ng/ul	1310180	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
2		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
3		1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96
4		1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
5		1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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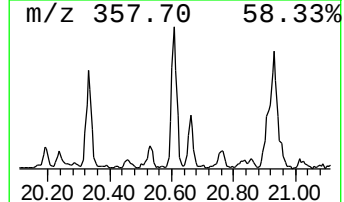
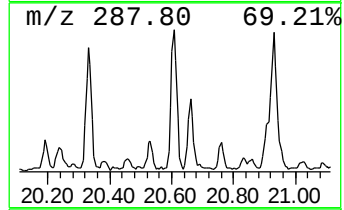
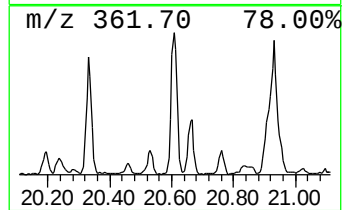
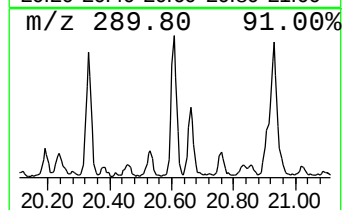
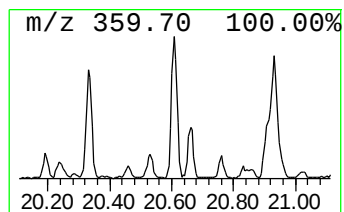
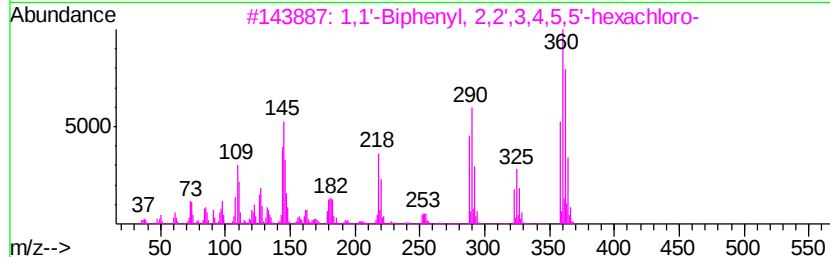
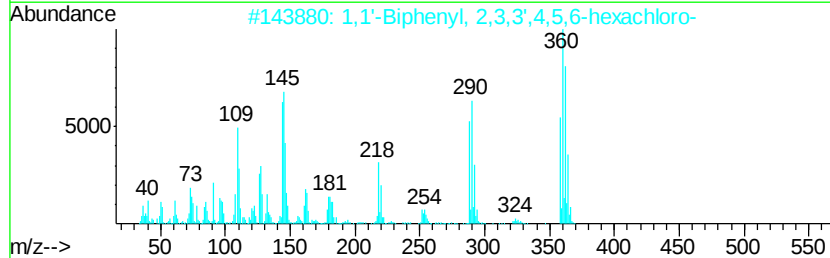
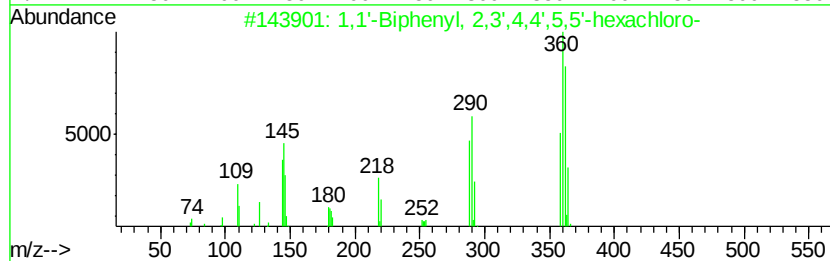
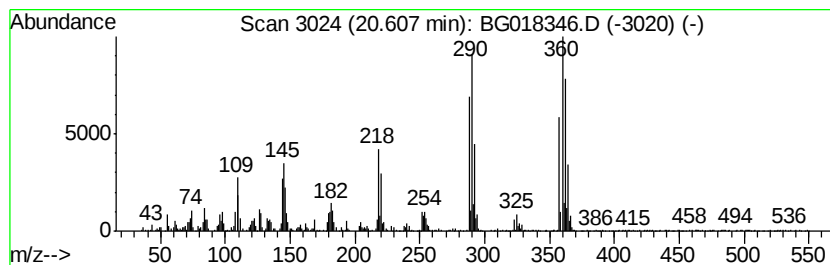
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	8.56 ng/ul	883844	Chrysene-d12	21.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	98	
2	1,1'	-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	97	
3	1,1'	-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	96	
4	1,1'	-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96	
5	1,1'	-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
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Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

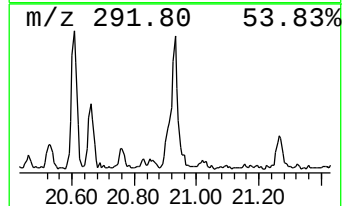
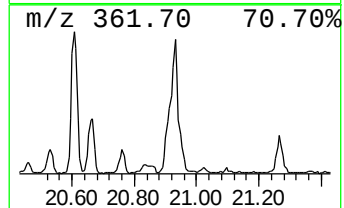
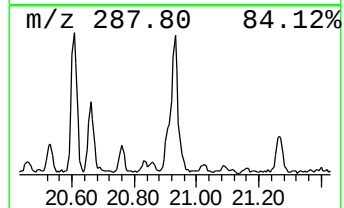
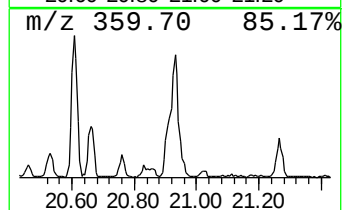
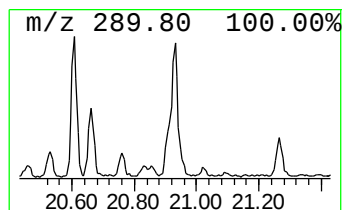
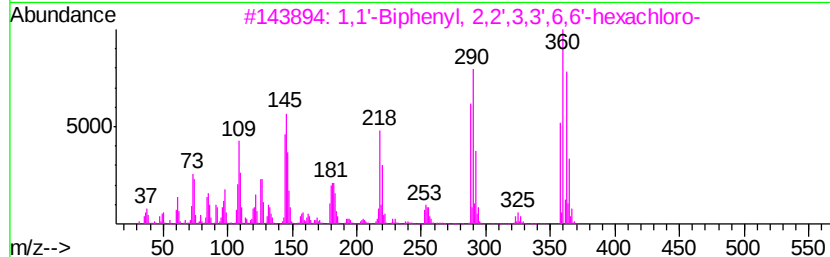
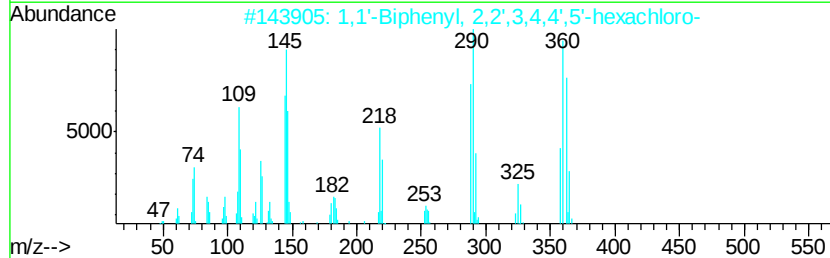
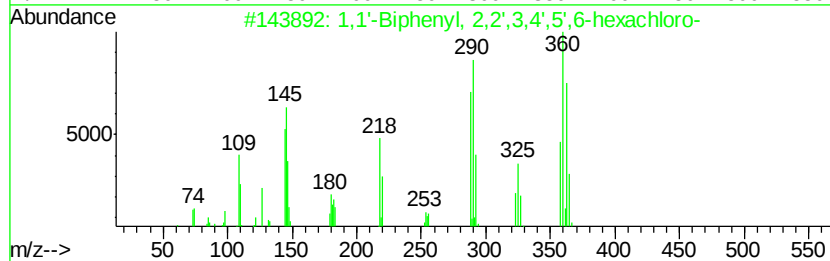
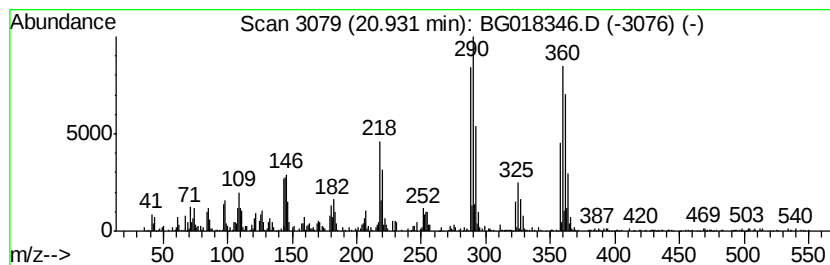
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.93	5.73 ng/ul	591170	Chrysene-d12	21.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96
2	1,1'	-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	96
3	1,1'	-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	95
4	1,1'	-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	95
5	1,1'	-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018346.D
Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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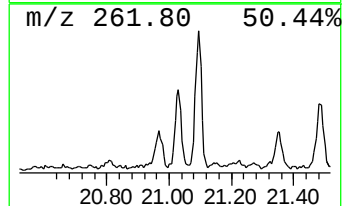
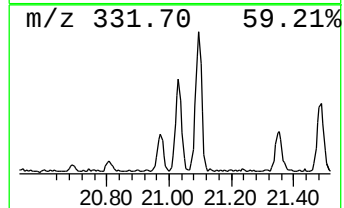
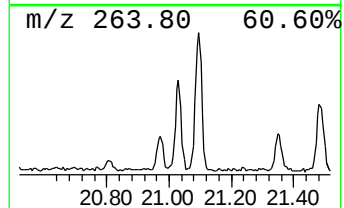
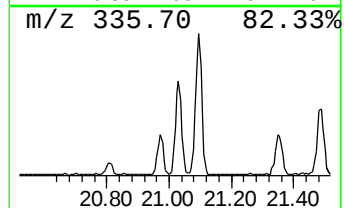
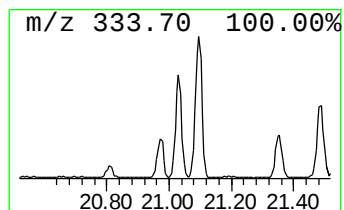
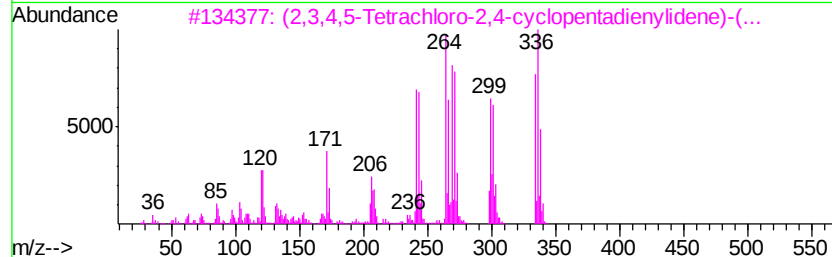
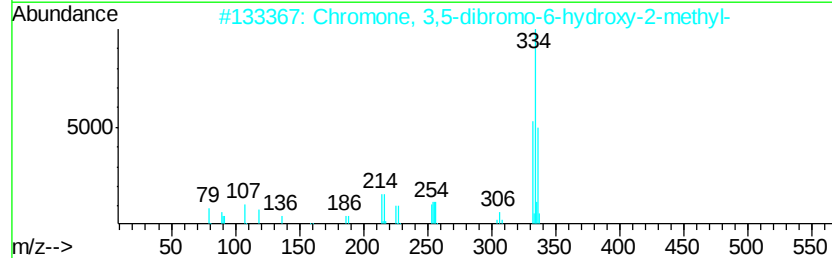
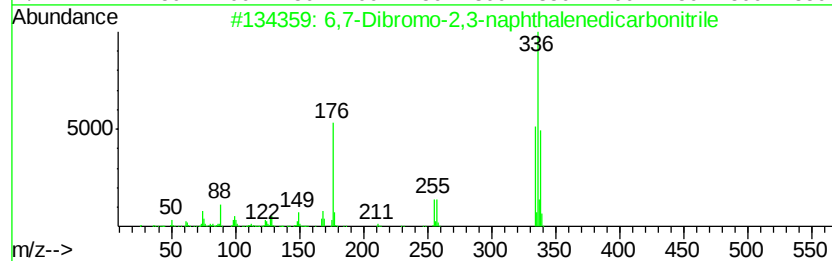
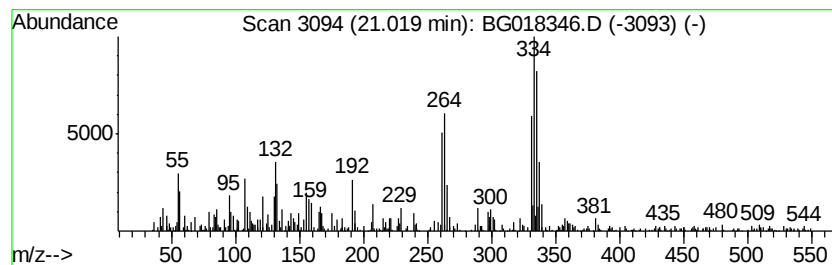
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	5.10 ng/ul	526093	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,7-Dibromo-2,3-naphthalenedicar...	334	C12H4Br2N2	074815-81-9	38
2		Chromone, 3,5-dibromo-6-hydroxy-...	332	C10H6Br2O3	030095-77-3	30
3		(2,3,4,5-Tetrachloro-2,4-cyclope...	334	C13H6Cl4O2	1000243-99-3	25
4		1,3,5-Triazine-2,4,6-triamine, N...	336	C17H20N8	033933-65-2	11
5		3-Amino-7-[4-chlorophenylsulfony...	336	C13H9ClN4O3S	1000214-55-5	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
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Acq On : 10 Aug 2015 2:06
Operator : UM/TP
Sample : G3136-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

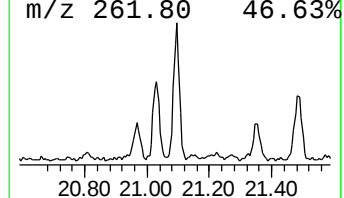
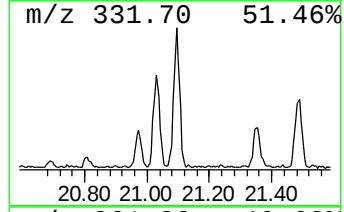
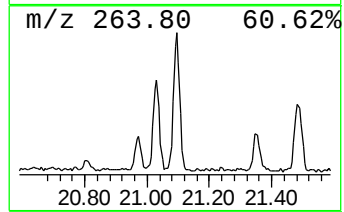
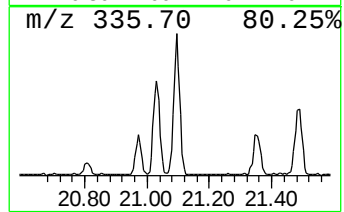
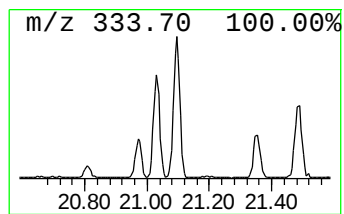
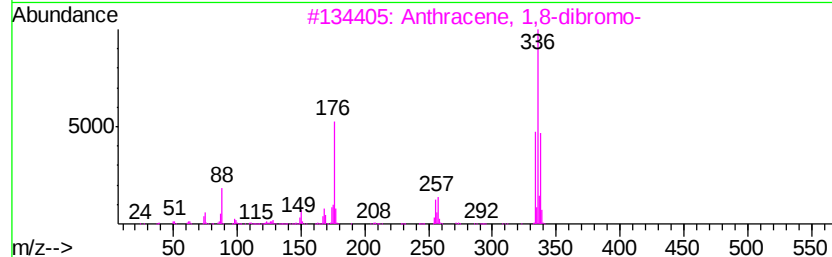
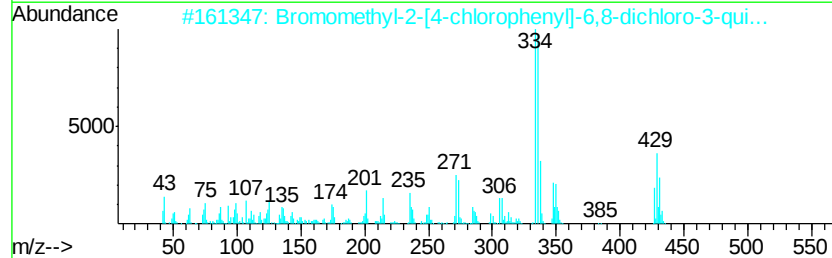
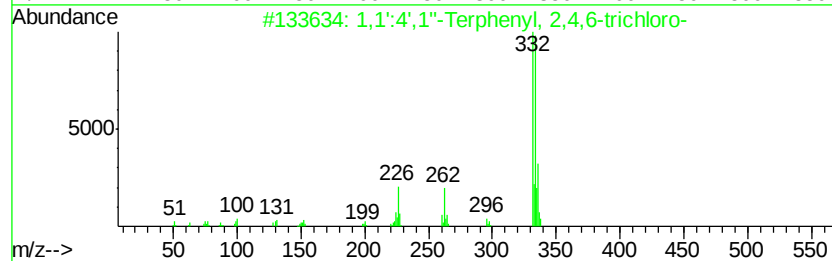
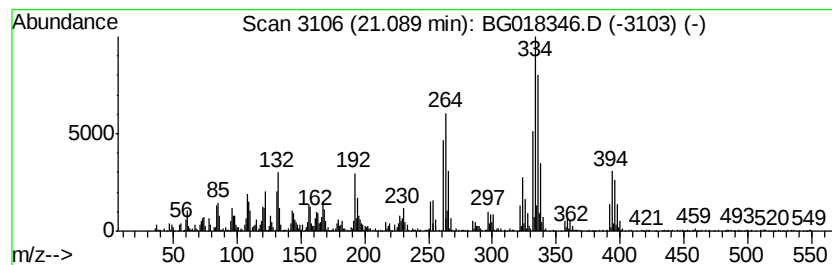
Instrument :
BNA_G
ClientSampleId :
C01X8

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.09	11.93 ng/ul	1231170	Chrysene-d12	21.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1':4',1''-Terphenyl, 2,4,6-tri...	332	C18H11Cl3	057346-61-9	22
2	Bromomethyl-2-[4-chlorophenyl]-6...	427	C17H9BrCl3NO	1000254-06-5	17
3	Anthracene, 1,8-dibromo-	334	C14H8Br2	131276-24-9	14
4	Benzoicamide,2-amino-4-(dimethyl...	391	C19H26ClN3O2Si	133728-32-2	12
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	334	C12F10	000434-90-2	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
 Data File : BG018346.D
 Acq On : 10 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3136-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01X8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
(DEL) Alkane: Str...	16.43	4.3	ng/ul	494854	4	17.44	2319290	20.0
1,1'-Biphenyl, 2'...	17.32	2.1	ng/ul	249263	4	17.44	2319290	20.0
1,1'-Biphenyl, 2,...	17.61	2.0	ng/ul	233223	4	17.44	2319290	20.0
1,1'-Biphenyl, 2,...	18.16	2.0	ng/ul	234653	4	17.44	2319290	20.0
1,1'-Biphenyl, 2,...	18.50	10.2	ng/ul	1183690	4	17.44	2319290	20.0
1,1'-Biphenyl, 2,...	18.61	3.4	ng/ul	391701	4	17.44	2319290	20.0
1,1'-Biphenyl, 2,...	18.79	4.2	ng/ul	483814	4	17.44	2319290	20.0
1,1'-Biphenyl, 2,...	19.35	13.1	ng/ul	1521440	4	17.44	2319290	20.0
1,1'-Biphenyl, 2,...	19.63	18.7	ng/ul	1933670	5	21.71	2064430	20.0
unknown-01	20.13	2.6	ng/ul	265111	5	21.71	2064430	20.0
unknown-02	20.24	6.7	ng/ul	693238	5	21.71	2064430	20.0
1,1'-Biphenyl, 2,...	20.33	10.0	ng/ul	1031090	5	21.71	2064430	20.0
1,1'-Biphenyl, 2,...	20.38	12.7	ng/ul	1310180	5	21.71	2064430	20.0
1,1'-Biphenyl, 2,...	20.61	8.6	ng/ul	883844	5	21.71	2064430	20.0
1,1'-Biphenyl, 2,...	20.93	5.7	ng/ul	591170	5	21.71	2064430	20.0
unknown-03	21.02	5.1	ng/ul	526093	5	21.71	2064430	20.0
unknown-04	21.09	11.9	ng/ul	1231170	5	21.71	2064430	20.0