

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002182.D
 Acq On : 02 Aug 2015 23:06
 Operator : TP
 Sample : G3095-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01Q7

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_M\METHODS\SOM02.2-EPA-BM072715.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	3.351	109	113	119	rVB	13590	17655	0.81%	0.055%
2	5.063	400	404	410	rBB	15677	19849	0.91%	0.062%
3	5.193	422	426	435	rBB	12184	23752	1.08%	0.074%
4	5.545	481	486	494	rBB2	32423	61975	2.83%	0.194%
5	6.040	565	570	575	rBV	17104	23832	1.09%	0.075%
6	6.745	685	690	699	rVB2	62659	117006	5.34%	0.366%
7	6.892	710	715	720	rBV	50926	78636	3.59%	0.246%
8	7.092	743	749	757	rBB	64243	98653	4.50%	0.309%
9	7.198	763	767	772	rVB	28894	39944	1.82%	0.125%
10	7.557	822	828	836	rVV	345454	545570	24.89%	1.706%
11	7.663	840	846	851	rVB	14470	21478	0.98%	0.067%
12	8.186	931	935	941	rBB3	11689	17697	0.81%	0.055%
13	8.281	945	951	959	rBB	75094	113656	5.18%	0.355%
14	8.651	1008	1014	1018	rBB3	11529	15337	0.70%	0.048%
15	8.716	1019	1025	1031	rBV	68639	115124	5.25%	0.360%
16	8.769	1031	1034	1039	rVB	13601	18109	0.83%	0.057%
17	9.233	1108	1113	1117	rVB2	13080	18545	0.85%	0.058%
18	9.439	1140	1148	1152	rBV	56794	92105	4.20%	0.288%
19	9.551	1162	1167	1171	rBB2	9991	14221	0.65%	0.044%
20	9.745	1195	1200	1206	rVV7	9247	17446	0.80%	0.055%
21	9.980	1234	1240	1247	rVV	76499	121891	5.56%	0.381%
22	10.345	1292	1302	1307	rVV	509217	849211	38.74%	2.656%
23	10.392	1307	1310	1317	rVB2	26651	45194	2.06%	0.141%
24	10.492	1322	1327	1332	rBV	33810	54077	2.47%	0.169%
25	12.016	1581	1586	1593	rBB	20868	31948	1.46%	0.100%
26	13.039	1754	1760	1767	rVB2	11615	20287	0.93%	0.063%
27	13.539	1840	1845	1850	rBV2	11142	17275	0.79%	0.054%
28	13.639	1857	1862	1866	rVV	185027	246806	11.26%	0.772%
29	13.686	1866	1870	1876	rVV	81098	109956	5.02%	0.344%
30	13.916	1903	1909	1913	rVV	206595	308337	14.07%	0.964%
31	13.951	1913	1915	1921	rVB3	43025	57854	2.64%	0.181%
32	14.121	1940	1944	1948	rVV	17257	20589	0.94%	0.064%
33	14.227	1953	1962	1970	rVV2	779666	1236710	56.42%	3.868%
34	14.292	1970	1973	1981	rVB2	26706	39463	1.80%	0.123%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Title : SVOA CALIBRATION

35	14.463	1996	2002	2010	rVV	104954	156618	7.14%	0.490%
36	14.627	2022	2030	2034	rBV2	24331	37392	1.71%	0.117%
37	15.015	2090	2096	2099	rBV4	10096	16485	0.75%	0.052%
38	15.057	2099	2103	2105	rBV	23915	31049	1.42%	0.097%
39	15.227	2126	2132	2137	rBV	270810	376975	17.20%	1.179%
40	15.280	2137	2141	2145	rVV2	22479	31506	1.44%	0.099%
41	15.486	2172	2176	2181	rVB4	43252	63431	2.89%	0.198%
42	15.574	2187	2191	2196	rBV4	13110	23058	1.05%	0.072%
43	15.698	2208	2212	2214	rBV4	9700	16427	0.75%	0.051%
44	15.962	2249	2257	2262	rBV7	46466	120193	5.48%	0.376%
45	16.121	2282	2284	2289	rVV4	16047	25316	1.15%	0.079%
46	16.180	2292	2294	2296	rVV2	17030	20604	0.94%	0.064%
47	16.209	2297	2299	2304	rVB2	28040	38616	1.76%	0.121%
48	16.327	2315	2319	2325	rVB2	67078	98212	4.48%	0.307%
49	16.386	2326	2329	2334	rBV5	16917	26484	1.21%	0.083%
50	16.509	2343	2350	2354	rBV3	94887	186732	8.52%	0.584%
51	16.580	2359	2362	2368	rVB	60964	83963	3.83%	0.263%
52	16.739	2385	2389	2393	rBV2	63756	86735	3.96%	0.271%
53	16.786	2394	2397	2404	rVB2	40935	69929	3.19%	0.219%
54	16.856	2404	2409	2412	rBV2	158672	223979	10.22%	0.701%
55	16.892	2412	2415	2419	rVB	68256	87907	4.01%	0.275%
56	16.980	2424	2430	2434	rBV	1022544	1544719	70.47%	4.832%
57	17.021	2434	2437	2442	rVV	372581	494737	22.57%	1.547%
58	17.080	2442	2447	2450	rVV	287766	411765	18.78%	1.288%
59	17.109	2450	2452	2455	rVV	90776	110425	5.04%	0.345%
60	17.156	2455	2460	2468	rVB2	256071	398798	18.19%	1.247%
61	17.433	2503	2507	2510	rBV	68763	94654	4.32%	0.296%
62	17.468	2510	2513	2517	rVB4	65031	80923	3.69%	0.253%
63	17.586	2526	2533	2538	rVB	687171	1255747	57.29%	3.928%
64	17.692	2547	2551	2558	rVB3	208946	367867	16.78%	1.151%
65	17.774	2562	2565	2570	rVB2	50958	65243	2.98%	0.204%
66	17.827	2570	2574	2578	rBV	226727	335540	15.31%	1.050%
67	17.880	2580	2583	2586	rBV	96024	111752	5.10%	0.350%
68	17.945	2592	2594	2598	rBV	62495	70907	3.23%	0.222%
69	17.986	2598	2601	2606	rVV3	74333	100005	4.56%	0.313%
70	18.051	2607	2612	2618	rVV	752493	1091851	49.81%	3.415%
71	18.109	2618	2622	2626	rVV	446670	590396	26.93%	1.847%

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Integration Parameters: LSCINT.P

Integrator: RTE
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72	18.151	2626	2629	2636	rVB2	289995	407408	18.59%	1.274%
73	18.339	2656	2661	2666	rBV2	506352	753558	34.38%	2.357%
74	18.386	2666	2669	2675	rVV2	155808	234043	10.68%	0.732%
75	18.445	2676	2679	2681	rVV	108388	126109	5.75%	0.394%
76	18.474	2682	2684	2687	rVV	133891	161480	7.37%	0.505%
77	18.515	2687	2691	2695	rVB	320926	387111	17.66%	1.211%
78	18.833	2742	2745	2748	rBV2	81598	92819	4.23%	0.290%
79	18.886	2750	2754	2755	rVV2	266152	354709	16.18%	1.109%
80	18.903	2755	2757	2767	rVB3	500023	816270	37.24%	2.553%
81	18.992	2769	2772	2776	rVB	115086	132328	6.04%	0.414%
82	19.050	2778	2782	2787	rVB	705479	892141	40.70%	2.790%
83	19.192	2801	2806	2812	rVB	708937	1013621	46.24%	3.170%
84	19.256	2814	2817	2821	rVB	263611	291433	13.30%	0.912%
85	19.315	2823	2827	2833	rVB	765715	906228	41.34%	2.835%
86	19.386	2835	2839	2842	rBV2	447286	712625	32.51%	2.229%
87	19.415	2842	2844	2848	rVB	512779	553607	25.26%	1.732%
88	19.533	2861	2864	2868	rVB	235152	265183	12.10%	0.829%
89	19.645	2879	2883	2889	rVB2	567336	748182	34.13%	2.340%
90	19.903	2924	2927	2933	rVB3	478689	621293	28.34%	1.943%
91	19.962	2933	2937	2943	rVB	397956	490199	22.36%	1.533%
92	20.186	2971	2975	2979	rBV	493220	577398	26.34%	1.806%
93	20.321	2994	2998	3003	rBV	1041755	1321100	60.27%	4.132%
94	20.368	3003	3006	3011	rVB	760364	862560	39.35%	2.698%
95	20.503	3027	3029	3039	rVB2	430566	573974	26.18%	1.795%
96	20.880	3090	3093	3096	rBV	371789	456048	20.80%	1.426%
97	21.097	3127	3130	3134	rBV	933467	969715	44.24%	3.033%
98	21.192	3140	3146	3150	rBV2	1256052	2192021	100.00%	6.856%
99	21.403	3179	3182	3185	rBV	388860	436275	19.90%	1.365%
100	23.385	3515	3519	3525	rVB2	599987	1044242	47.64%	3.266%

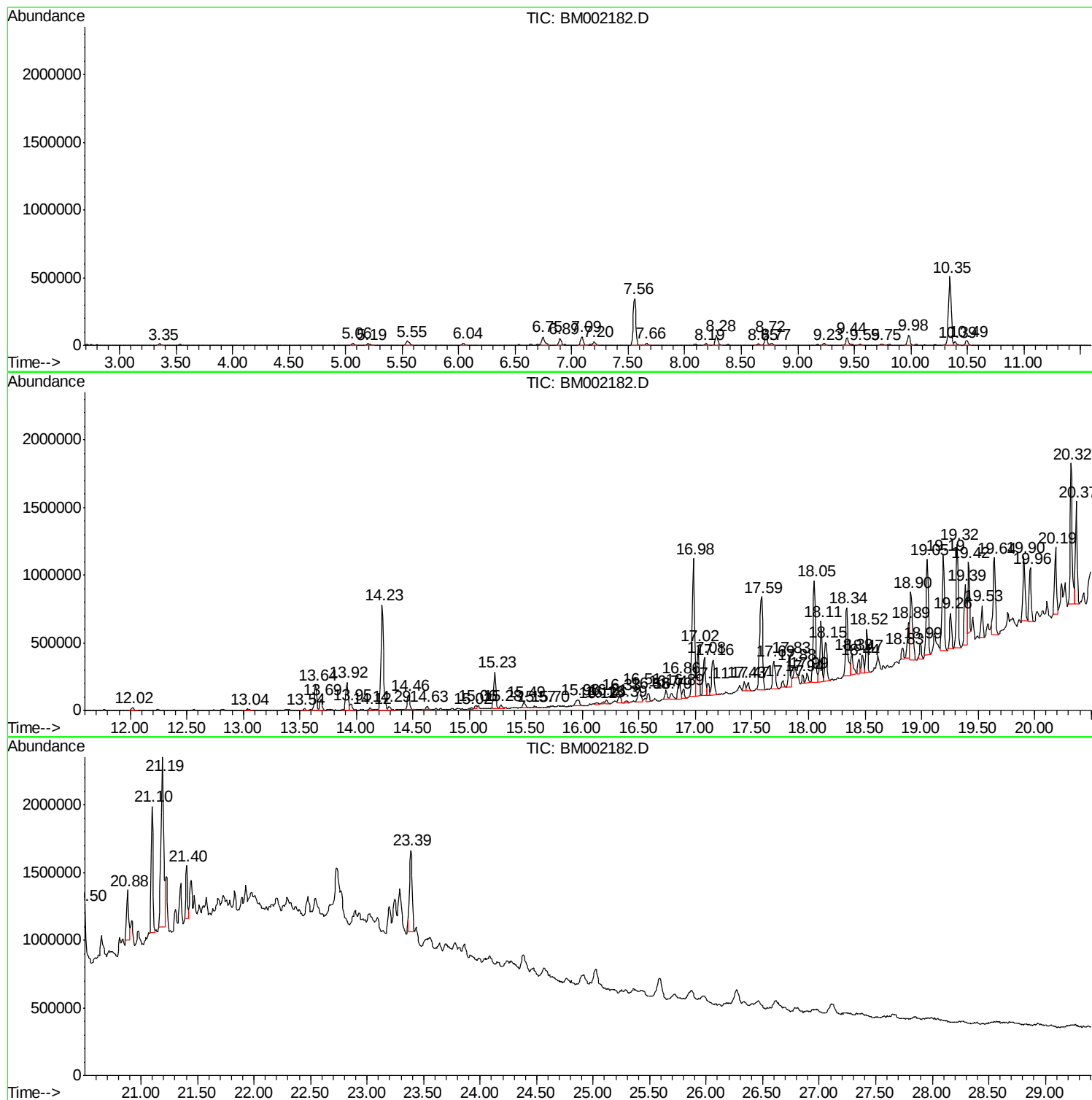
Sum of corrected areas: 31970808

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C01Q7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



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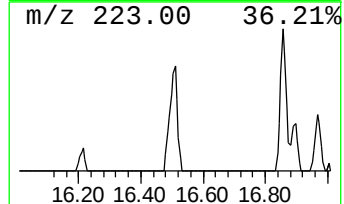
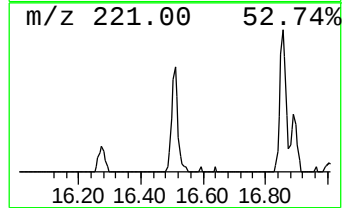
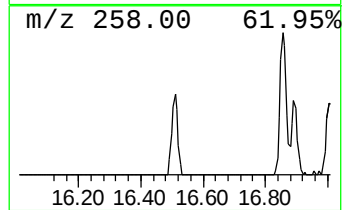
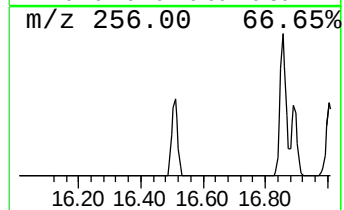
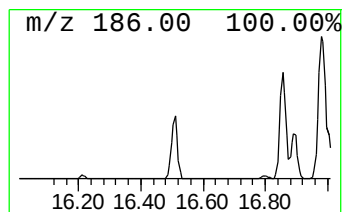
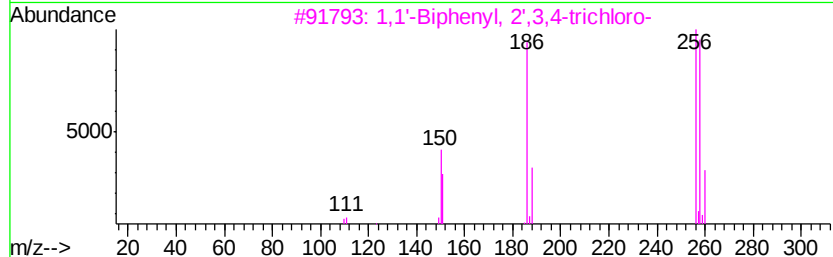
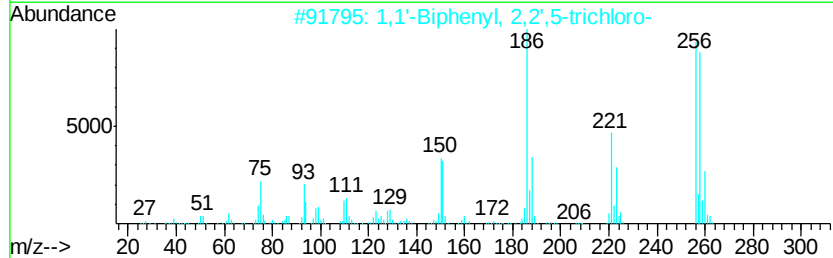
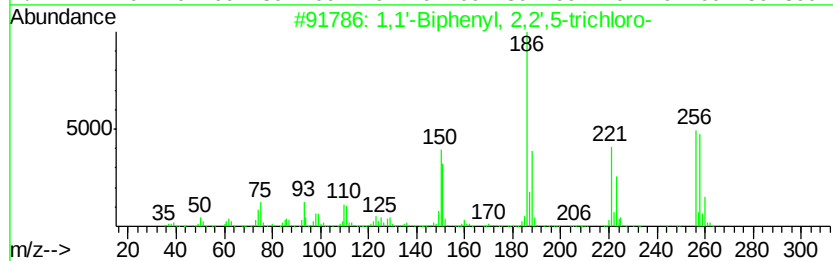
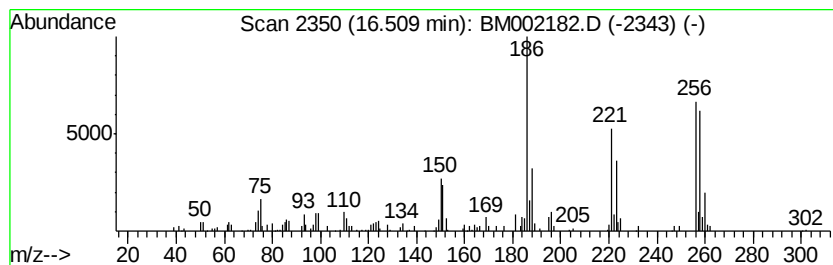
Instrument :
BNA_M
ClientSampleId :
C01Q7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.			
16.51	2.42 ng/ul	186732	Phenanthrene-d10	16.98			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'	-Biphenyl,	2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	97
3	1,1'	-Biphenyl,	2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
4	1,1'	-Biphenyl,	2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94
5	1,1'	-Biphenyl,	2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	94



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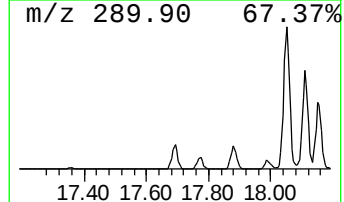
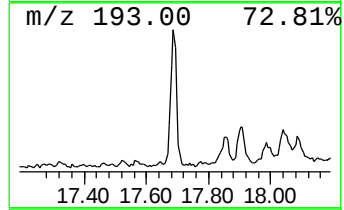
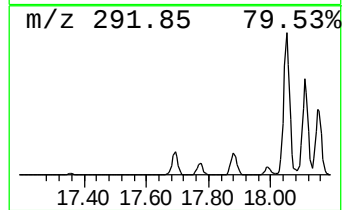
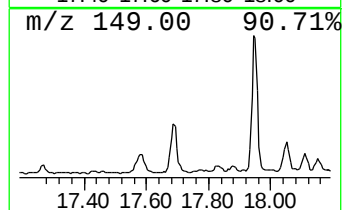
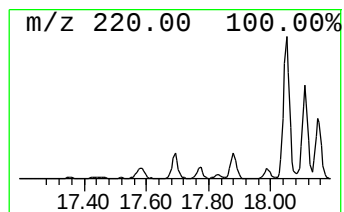
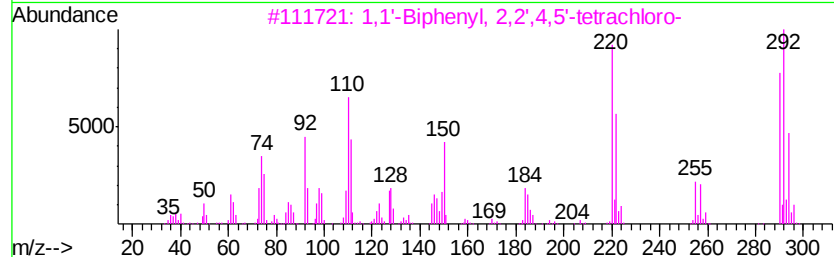
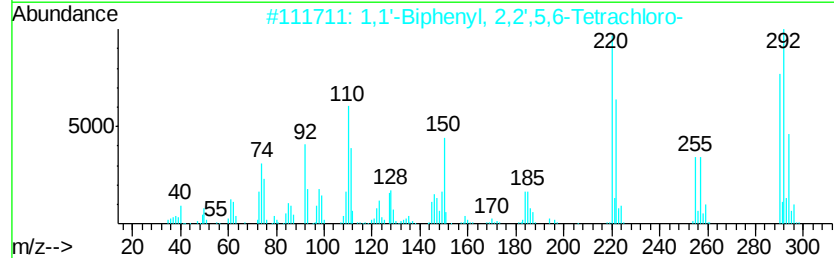
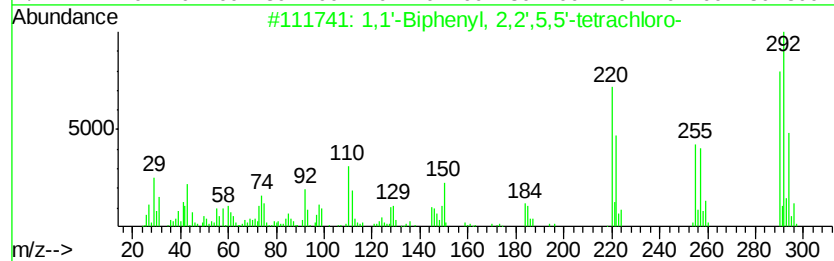
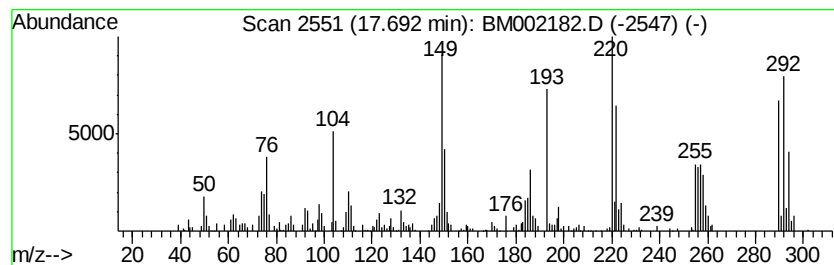
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	4.76 ng/ul	367867	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	97
2		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	97
3		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96
4		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	96
5		1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	95



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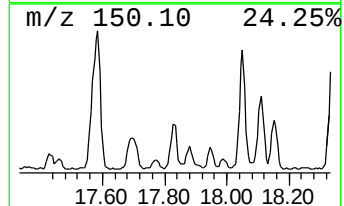
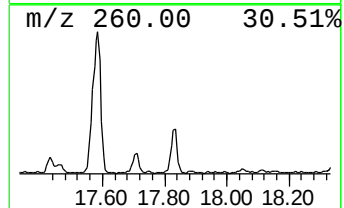
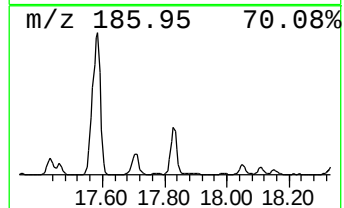
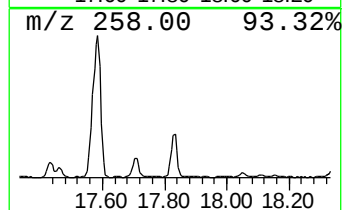
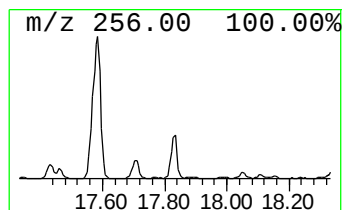
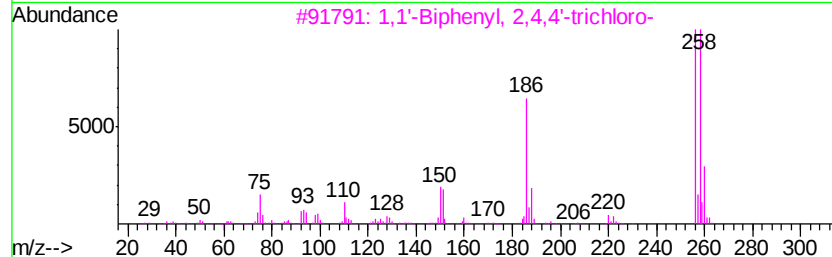
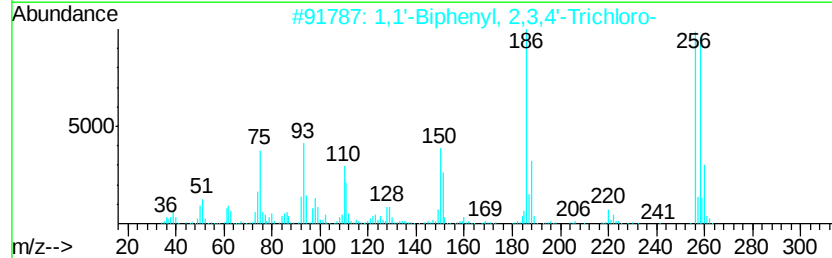
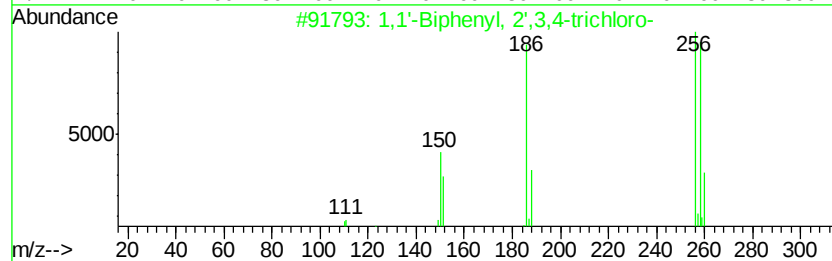
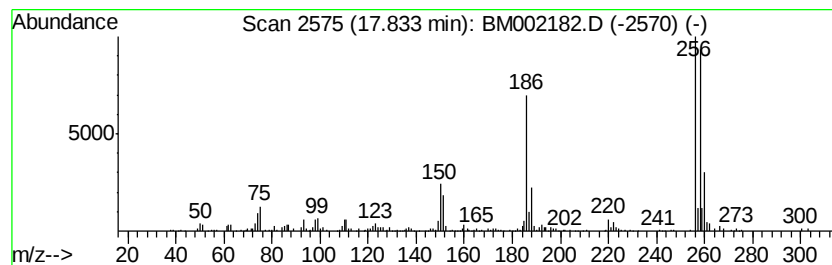
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.34 ng/ul	335540	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
2			1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	97
3			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
4			1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	96
5			1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q7

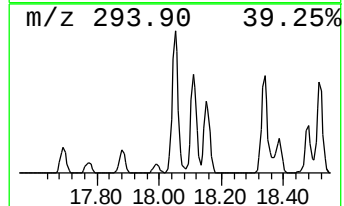
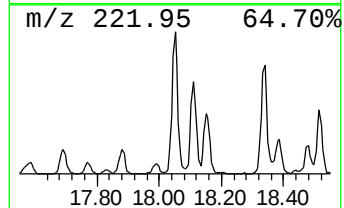
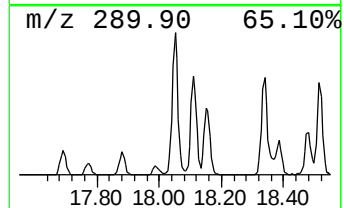
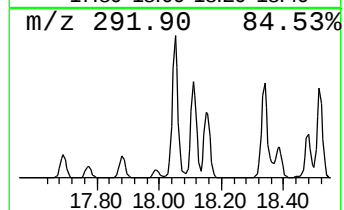
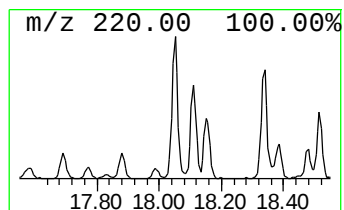
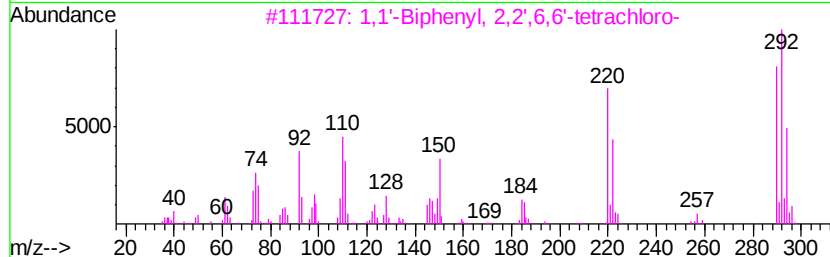
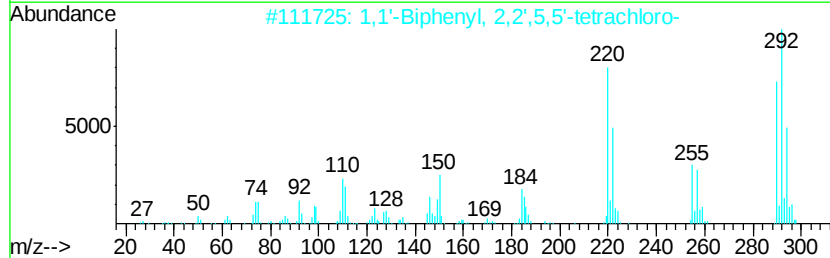
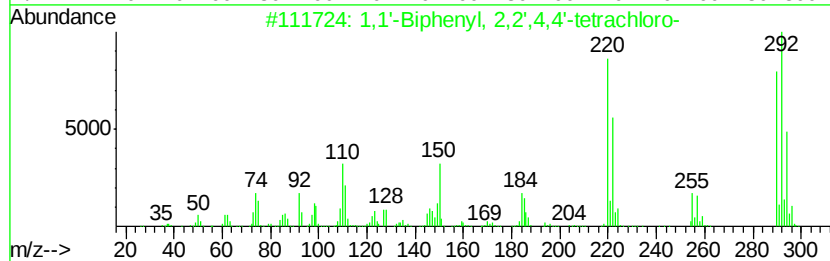
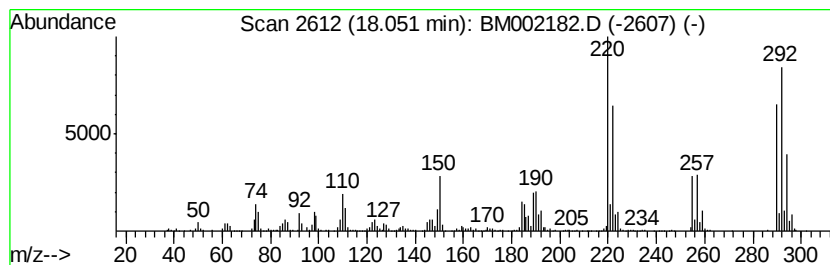
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	14.14 ng/ul	1091850	Phenanthrene-d10	16.98

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, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5		1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C01Q7

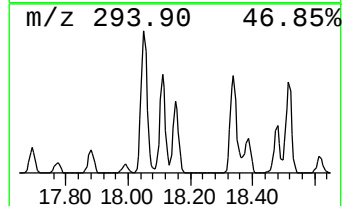
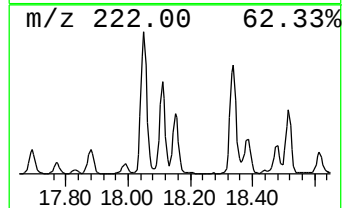
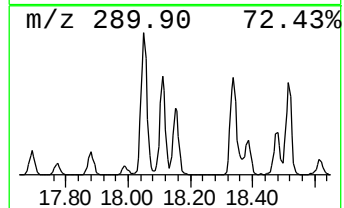
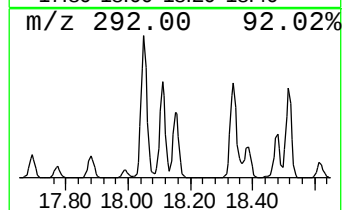
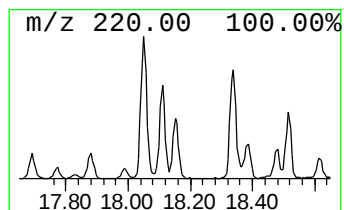
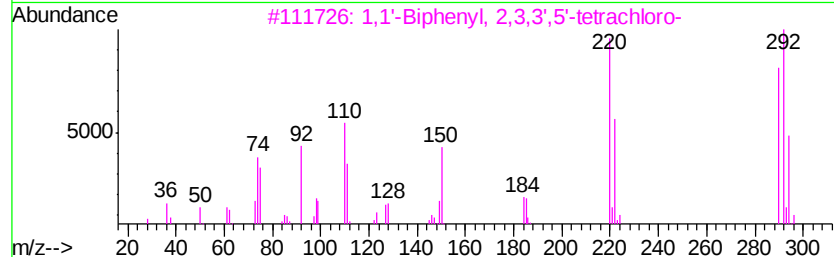
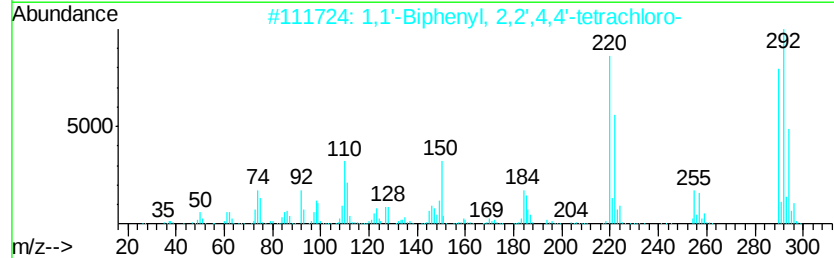
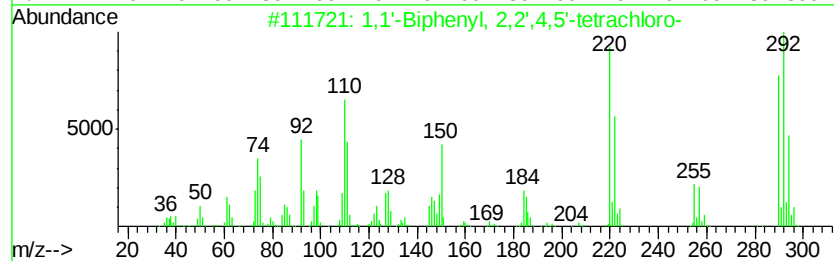
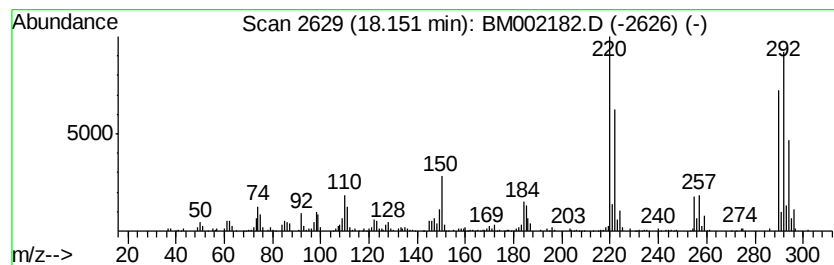
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	5.27 ng/ul	407408	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3			1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4			1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5			1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
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Instrument :
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ClientSampleId :
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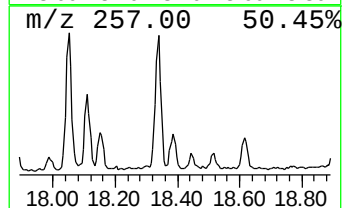
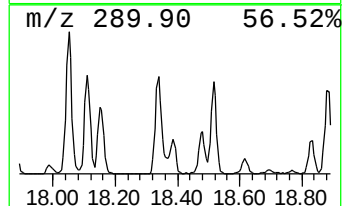
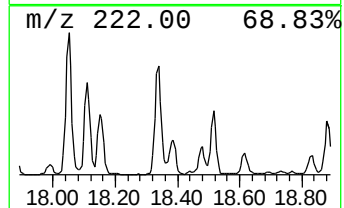
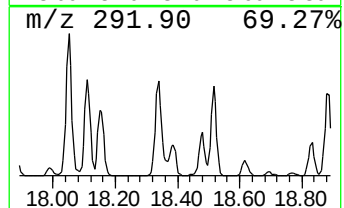
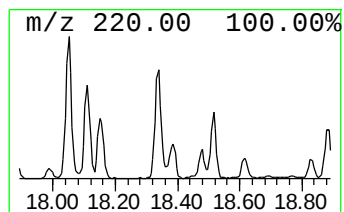
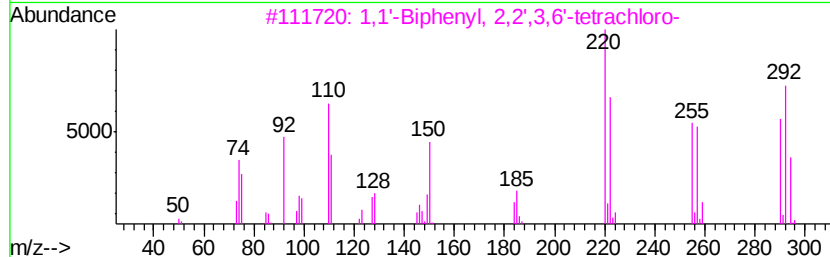
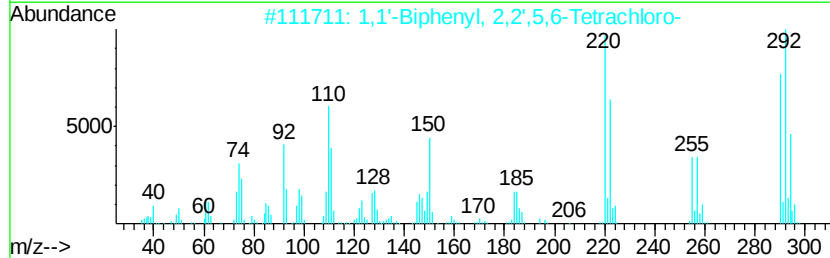
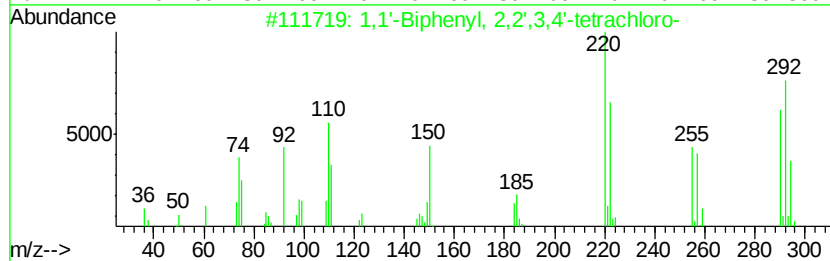
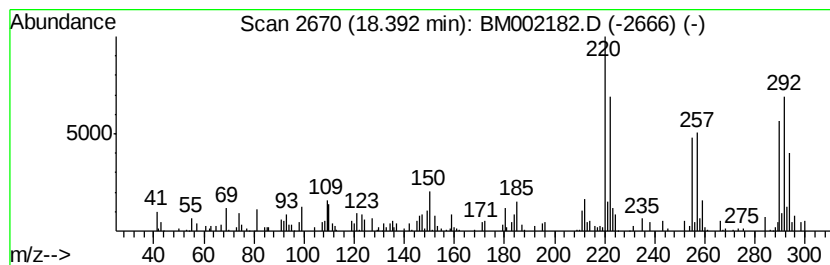
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3,4'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.03 ng/ul	234043	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
2			1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	97
3			1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	96
4			1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96
5			1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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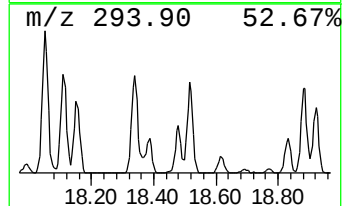
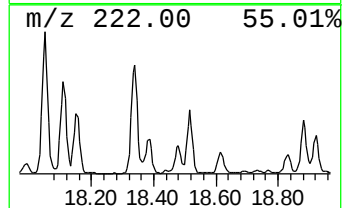
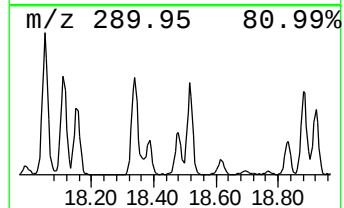
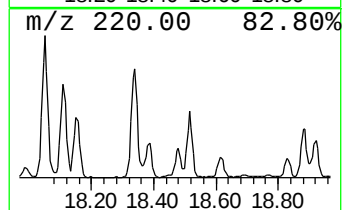
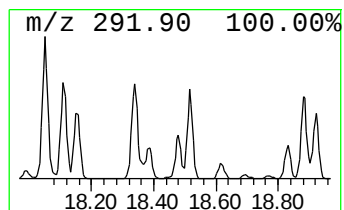
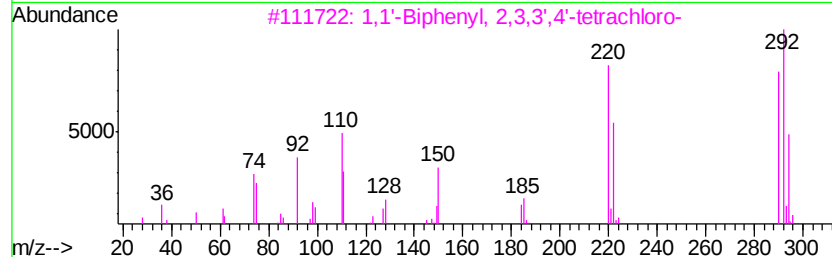
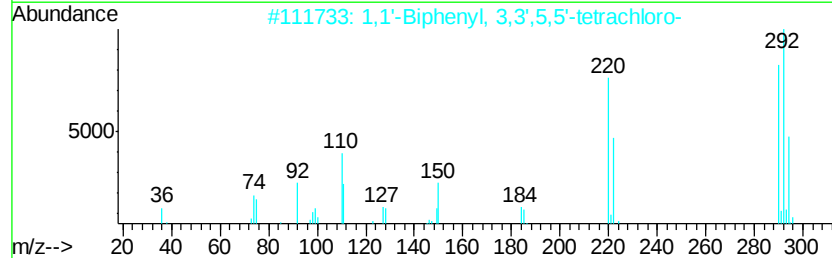
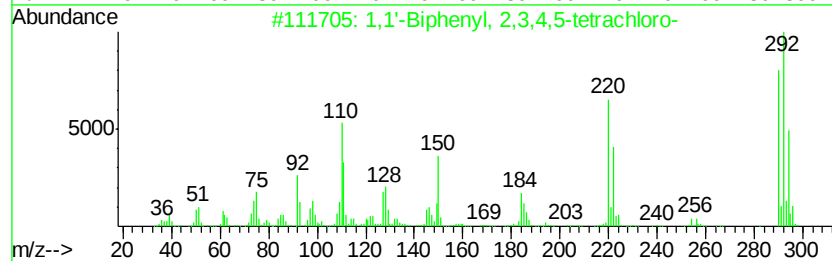
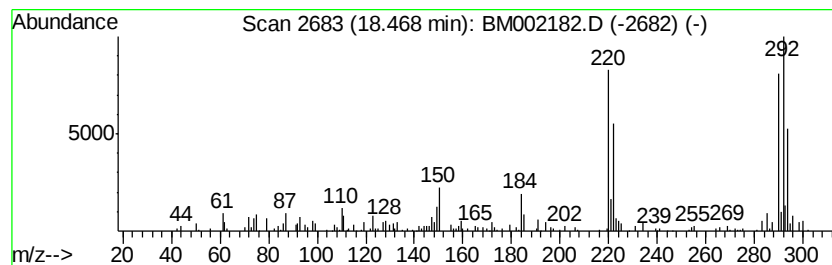
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,3,4,5-tetr... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.09 ng/ul	161480	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	95
2			1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95
3			1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	95
4			1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	95
5			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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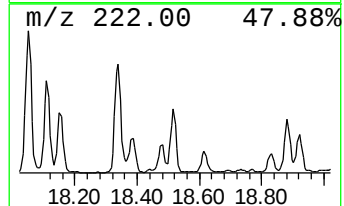
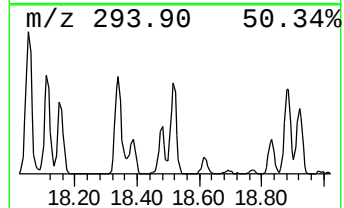
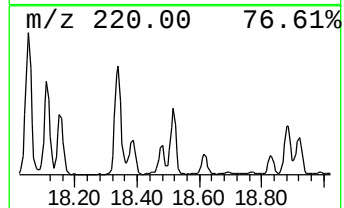
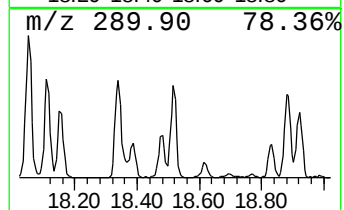
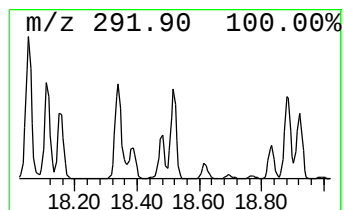
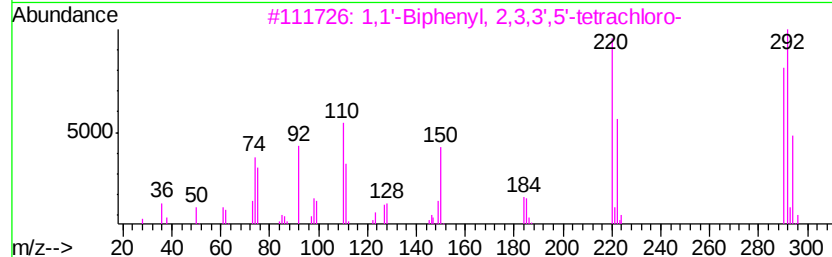
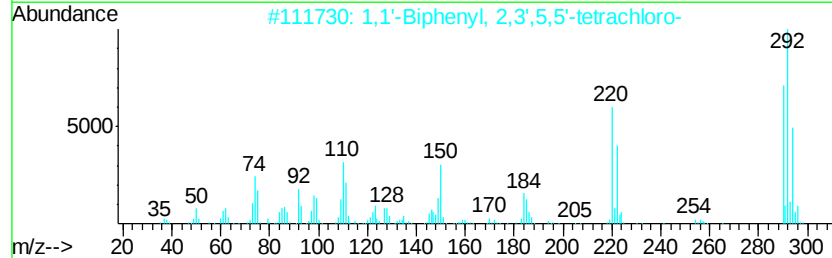
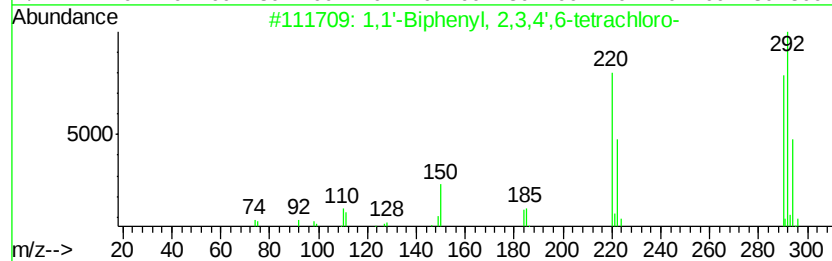
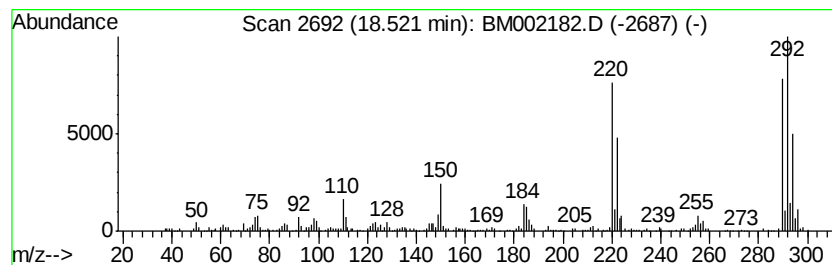
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	5.01 ng/ul	387111	Phenanthrene-d10	16.98

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',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99		
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99		
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99		
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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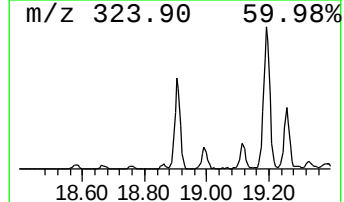
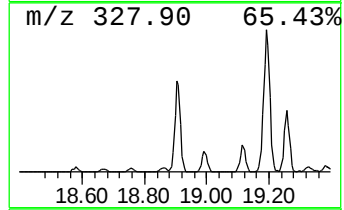
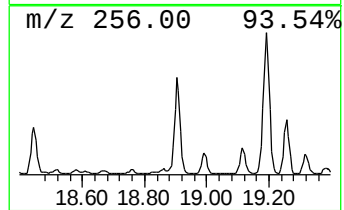
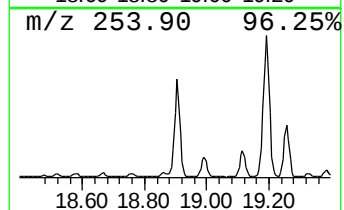
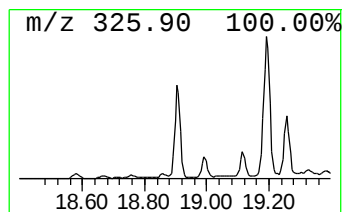
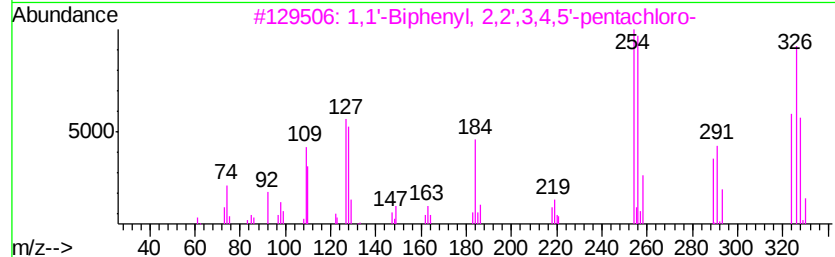
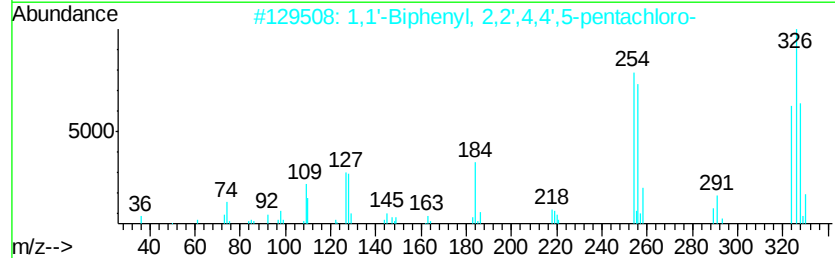
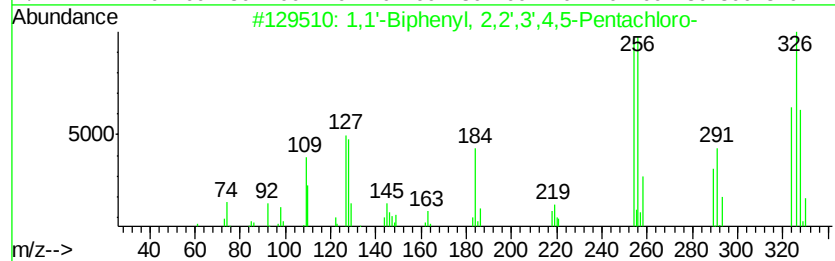
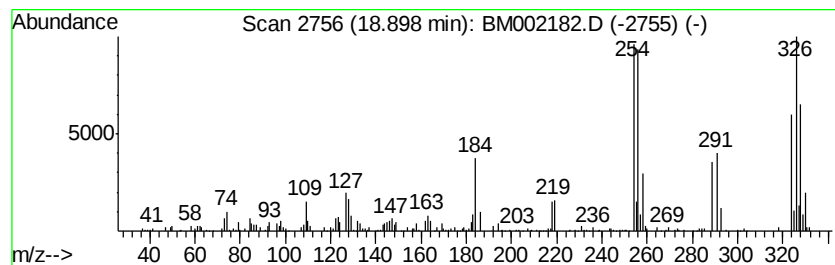
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	10.57 ng/ul	816270	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3		1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	98
4		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
5		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01Q7

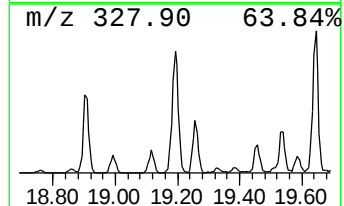
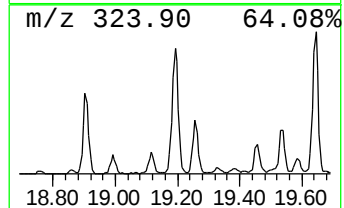
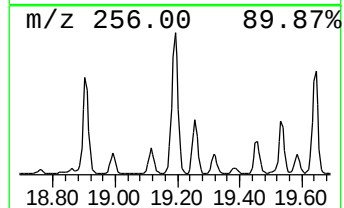
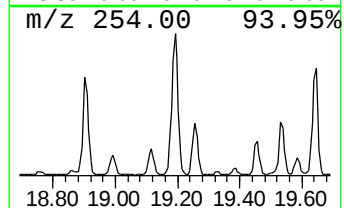
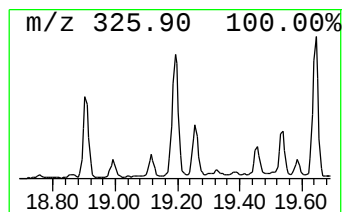
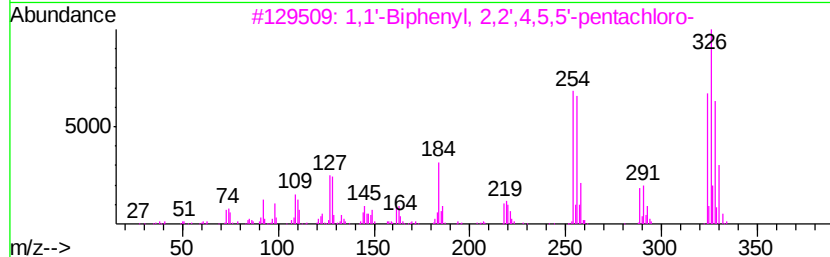
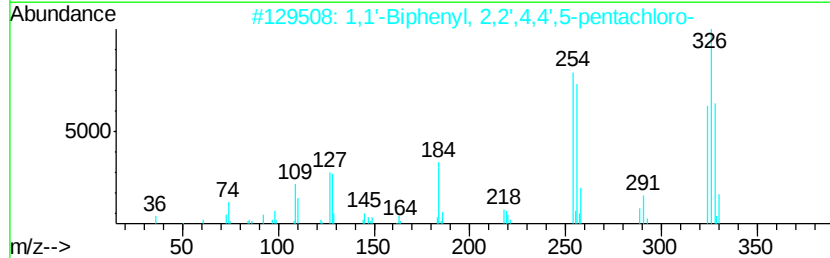
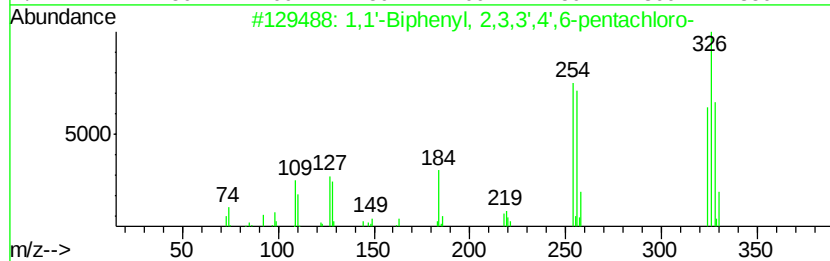
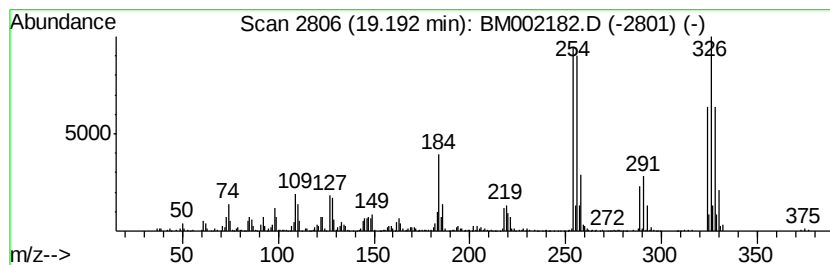
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	9.25 ng/ul	1013620	Chrysene-d12	21.19

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',5-penta...	324	C12H5Cl5	038380-01-7	99
3		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
4		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
5		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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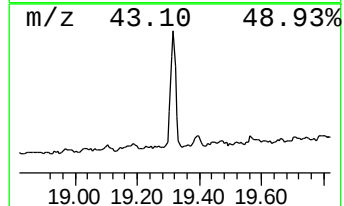
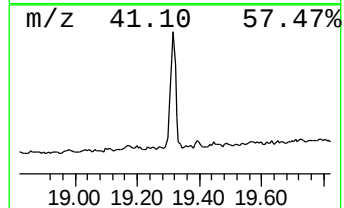
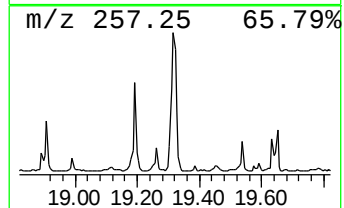
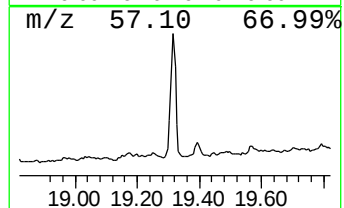
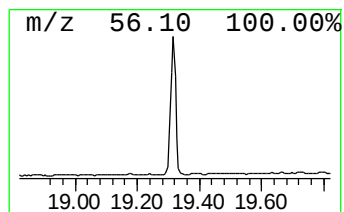
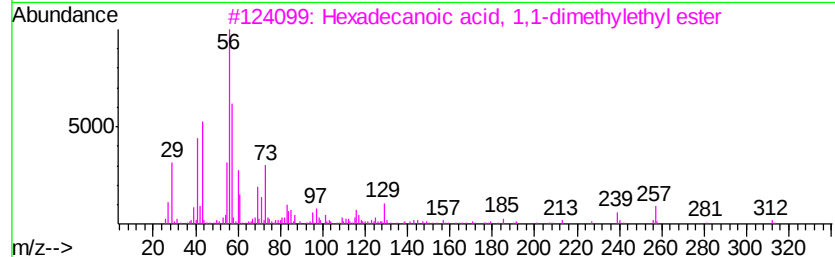
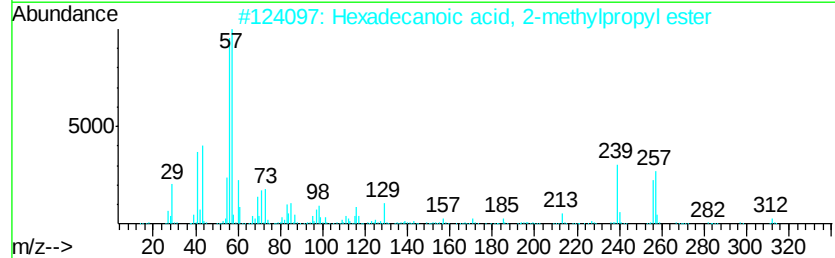
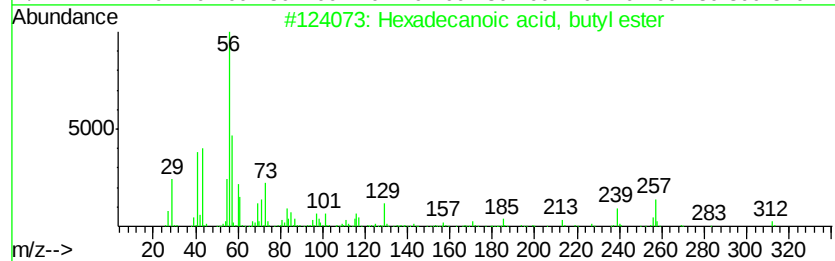
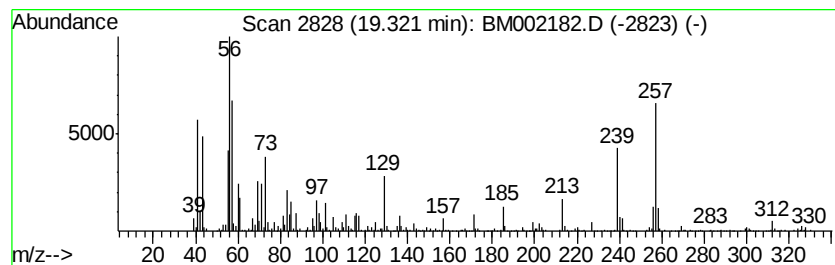
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	8.27 ng/ul	906228	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
2		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	93
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
4		Benz[c]acridine, 7,8-dimethyl-	257	C19H15N	003518-01-2	43
5		Eicosanoic acid	312	C20H40O2	000506-30-9	40



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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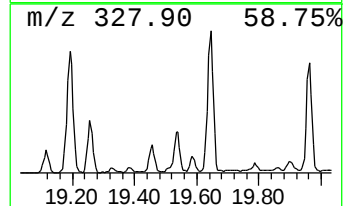
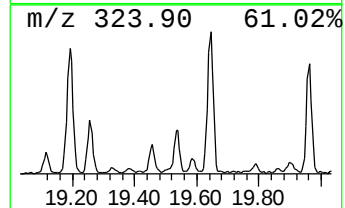
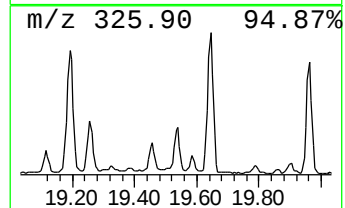
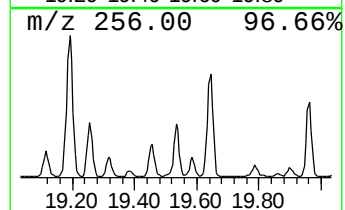
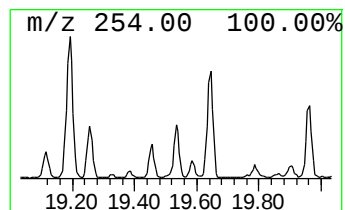
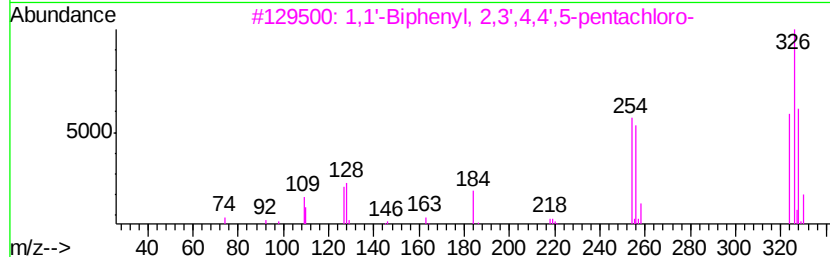
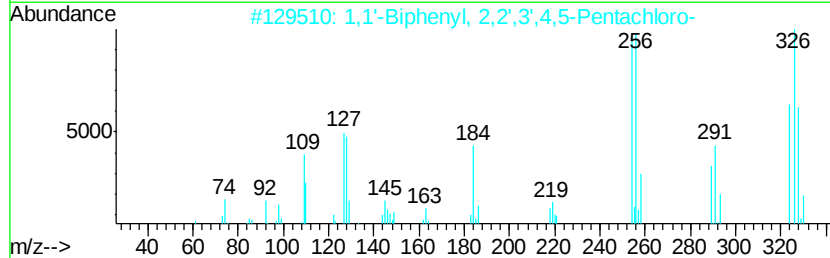
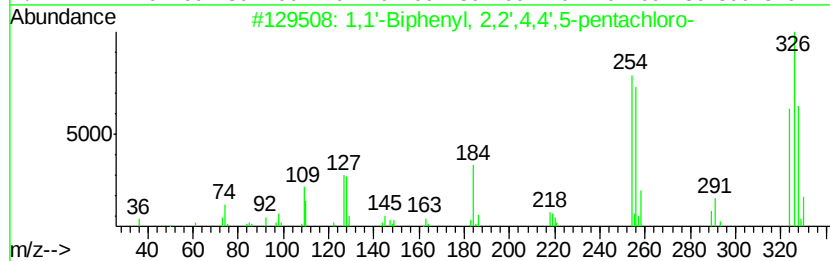
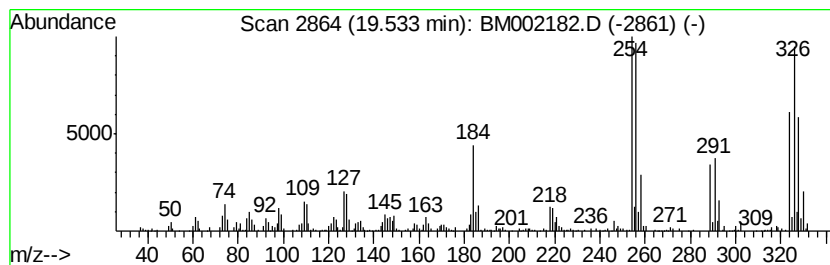
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.42 ng/ul	265183	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96		
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96		
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95		
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95		
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
Operator : TP
Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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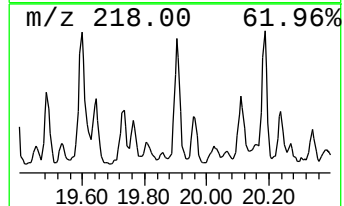
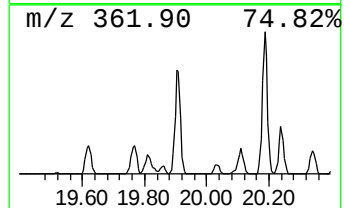
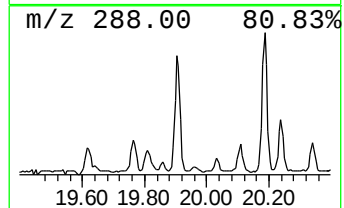
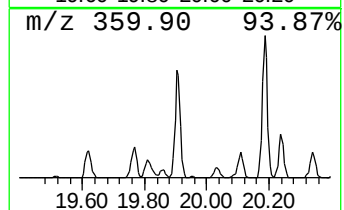
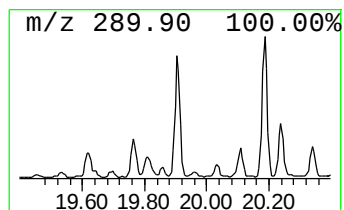
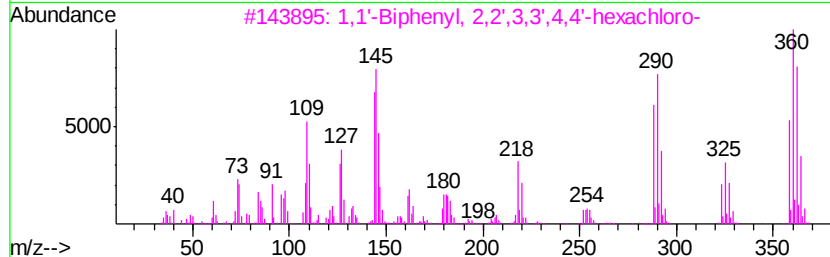
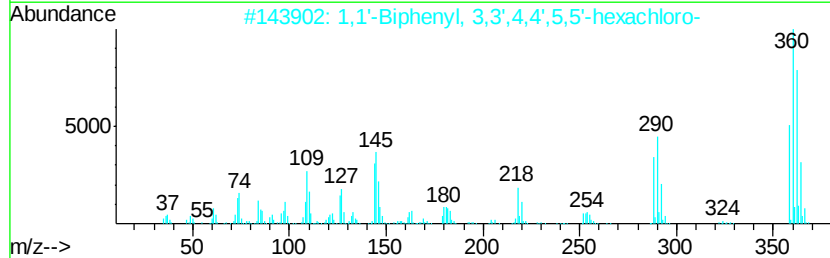
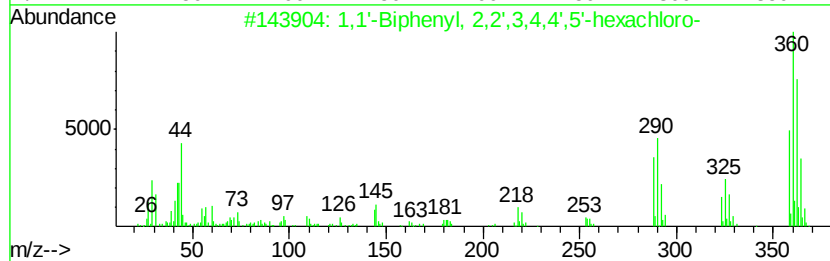
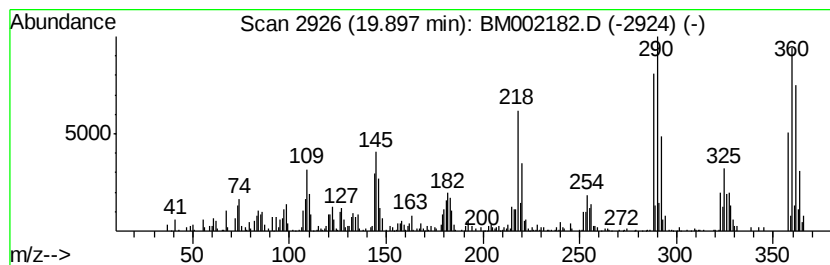
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	5.67 ng/ul	621293	Chrysene-d12	21.19

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	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
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Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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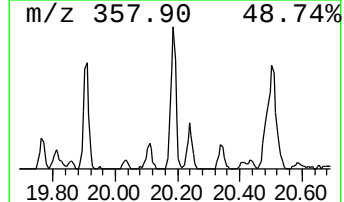
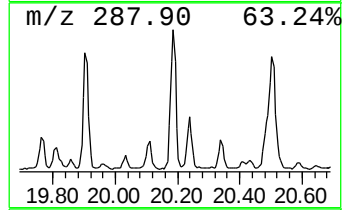
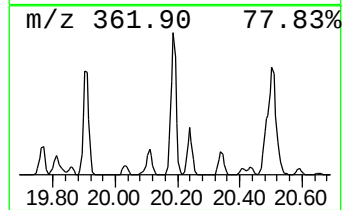
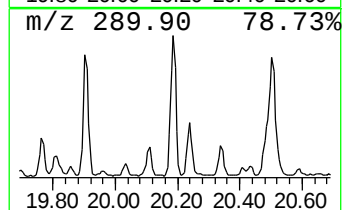
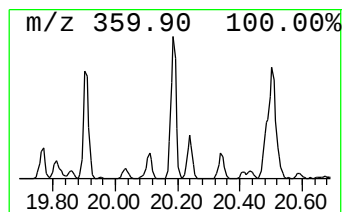
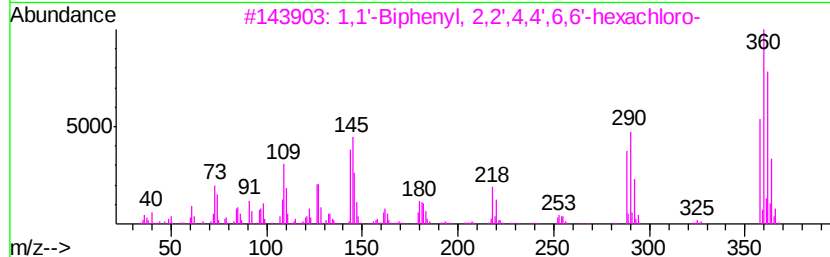
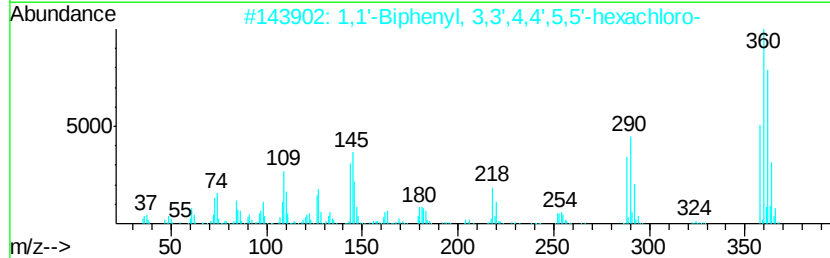
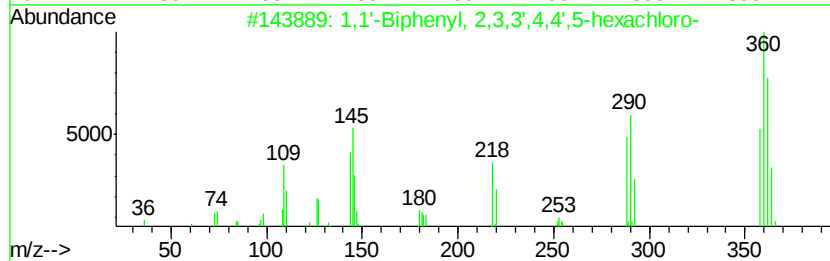
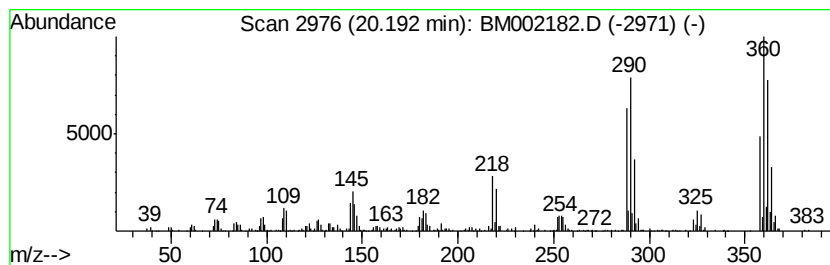
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	5.27 ng/ul	577398	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
4		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
5		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
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Sample : G3095-03
Misc :
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Instrument :
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ClientSampleId :
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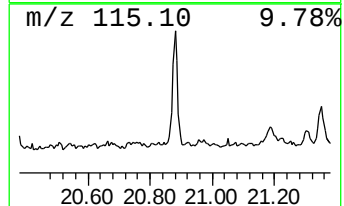
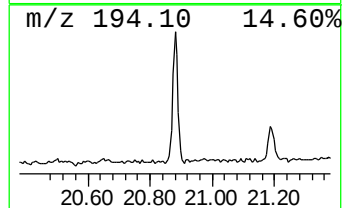
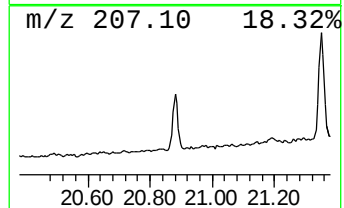
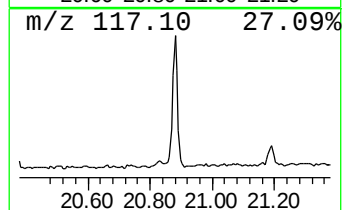
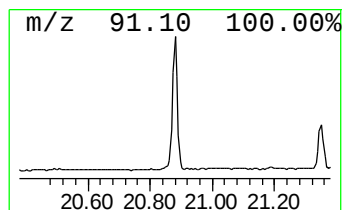
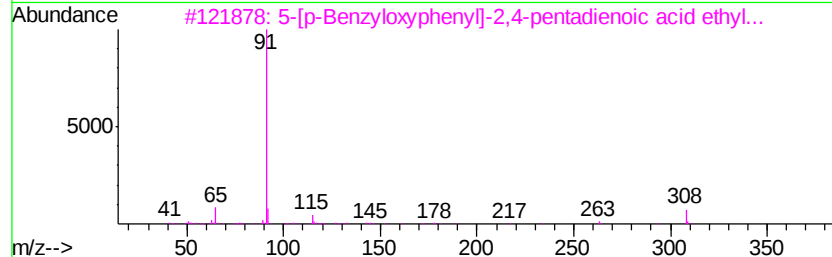
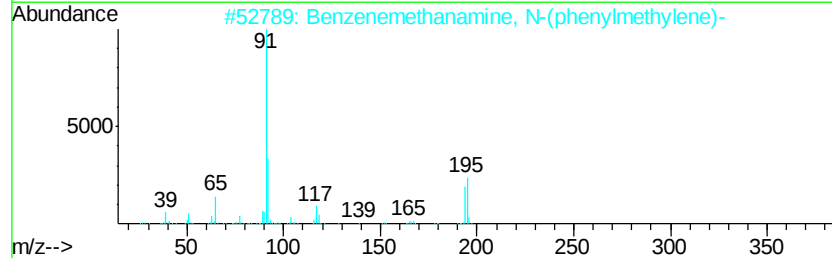
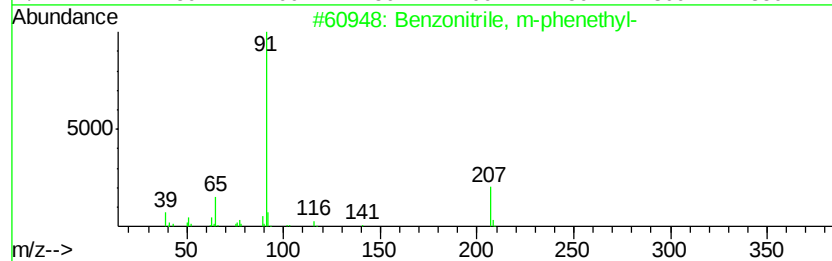
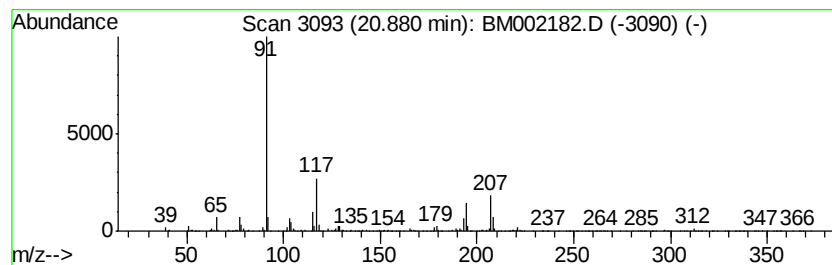
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	4.16 ng/ul	456048	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	22
2		Benzenemethanamine, N-(phenylmet...	195	C14H13N	000780-25-6	17
3		5-[p-Benzyloxyphenyl]-2,4-pentad...	308	C20H20O3	015542-29-7	14
4		Phenol, 2-(phenylmethoxy)-	200	C13H12O2	006272-38-4	11
5		Benzaldehyde, 4-benzyloxy-3-meth...	287	C15H13NO5	002450-27-3	10



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002182.D
Acq On : 02 Aug 2015 23:06
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Sample : G3095-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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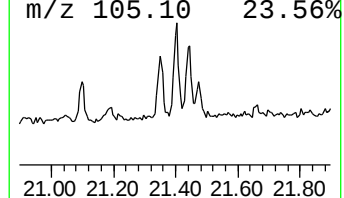
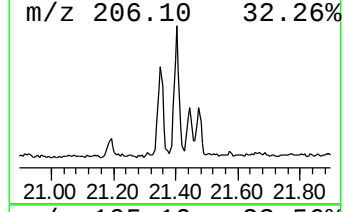
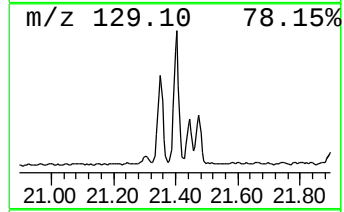
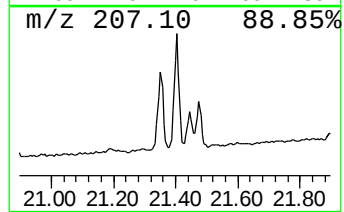
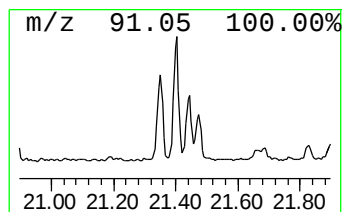
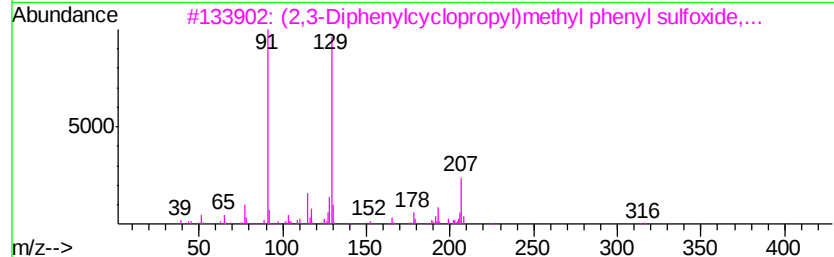
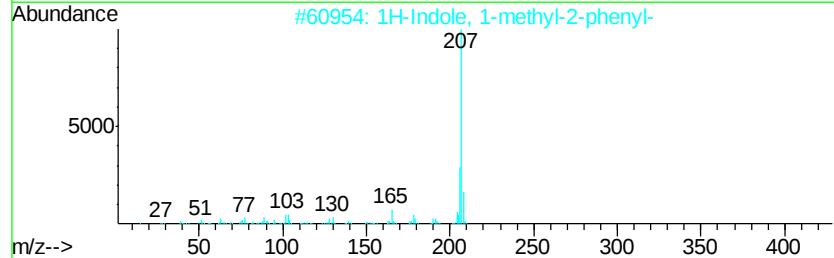
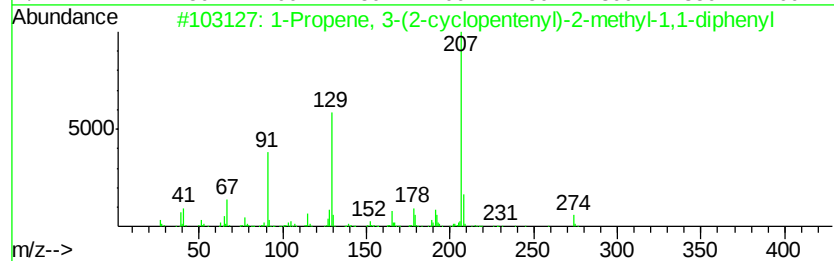
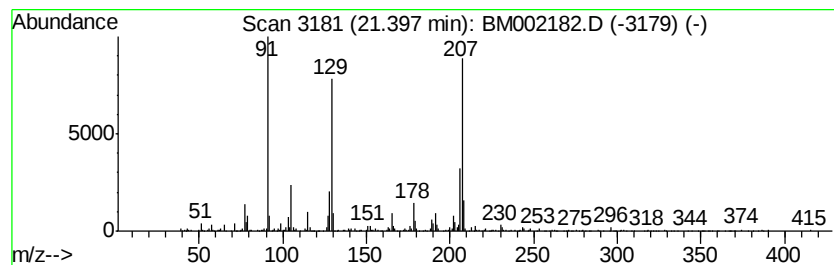
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 1-Propene, 3-(2-cyclopenten... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	3.98 ng/ul	436275	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	78
2		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	50
3		(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	49
4		1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	46
5		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002182.D
 Acq On : 02 Aug 2015 23:06
 Operator : TP
 Sample : G3095-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01Q7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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,...	16.51	2.4	ng/ul	186732	4	16.98	1544720	20.0
1,1'-Biphenyl, 2,...	17.69	4.8	ng/ul	367867	4	16.98	1544720	20.0
1,1'-Biphenyl, 2'...	17.83	4.3	ng/ul	335540	4	16.98	1544720	20.0
1,1'-Biphenyl, 2,...	18.05	14.1	ng/ul	1091850	4	16.98	1544720	20.0
1,1'-Biphenyl, 2,...	18.15	5.3	ng/ul	407408	4	16.98	1544720	20.0
1,1'-Biphenyl, 2,...	18.39	3.0	ng/ul	234043	4	16.98	1544720	20.0
1,1'-Biphenyl, 2,...	18.47	2.1	ng/ul	161480	4	16.98	1544720	20.0
1,1'-Biphenyl, 2,...	18.52	5.0	ng/ul	387111	4	16.98	1544720	20.0
1,1'-Biphenyl, 2,...	18.90	10.6	ng/ul	816270	4	16.98	1544720	20.0
1,1'-Biphenyl, 2,...	19.19	9.3	ng/ul	1013620	5	21.19	2192020	20.0
1,1'-Biphenyl, 2,...	19.26	2.7	ng/ul	291433	5	21.19	2192020	20.0
Hexadecanoic acid...	19.32	8.3	ng/ul	906228	5	21.19	2192020	20.0
1,1'-Biphenyl, 2,...	19.53	2.4	ng/ul	265183	5	21.19	2192020	20.0
1,1'-Biphenyl, 2,...	19.90	5.7	ng/ul	621293	5	21.19	2192020	20.0
1,1'-Biphenyl, 2,...	20.19	5.3	ng/ul	577398	5	21.19	2192020	20.0
unknown-01	20.88	4.2	ng/ul	456048	5	21.19	2192020	20.0
1-Propene, 3-(2-c...	21.40	4.0	ng/ul	436275	5	21.19	2192020	20.0