

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008576.D
 Acq On : 15 Nov 2019 03:32
 Operator : JU
 Sample : K5819-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ9

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.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	3.075	11	15	17	rBV2	76931	77557	0.46%	0.039%
2	3.099	17	19	21	rVV3	31040	33331	0.20%	0.017%
3	3.122	21	23	26	rVV	54416	46446	0.27%	0.023%
4	3.158	26	29	34	rVB	1055249	1072853	6.30%	0.542%
5	3.481	76	84	90	rVB2	74400	115512	0.68%	0.058%
6	3.846	142	146	153	rBV3	28680	39883	0.23%	0.020%
7	3.934	155	161	167	rBV2	33976	68493	0.40%	0.035%
8	4.375	231	236	241	rBV	41518	54545	0.32%	0.028%
9	4.564	263	268	272	rBV2	23509	29397	0.17%	0.015%
10	4.758	295	301	304	rVB2	15848	22859	0.13%	0.012%
11	6.158	533	539	545	rBV2	25787	41279	0.24%	0.021%
12	6.834	649	654	660	rVB3	11949	17875	0.10%	0.009%
13	7.046	684	690	693	rBV5	11705	19088	0.11%	0.010%
14	7.205	712	717	725	rVB6	10547	23425	0.14%	0.012%
15	7.634	782	790	797	rBV	1721388	2731892	16.05%	1.381%
16	7.781	811	815	820	rVB2	29654	40690	0.24%	0.021%
17	10.110	1204	1211	1218	rVB5	17729	32742	0.19%	0.017%
18	10.393	1252	1259	1269	rVB	2205921	3650571	21.44%	1.846%
19	14.257	1909	1916	1924	rBV	3240656	4695701	27.58%	2.374%
20	14.592	1969	1973	1979	rVB4	11955	17219	0.10%	0.009%
21	15.998	2207	2212	2213	rBV5	10426	17204	0.10%	0.009%
22	16.322	2263	2267	2272	rVB7	19714	27836	0.16%	0.014%
23	16.539	2300	2304	2306	rBV5	26843	32848	0.19%	0.017%
24	16.575	2306	2310	2314	rVV2	101482	149519	0.88%	0.076%
25	16.616	2314	2317	2320	rVV3	27555	39089	0.23%	0.020%
26	16.657	2320	2324	2330	rVB	86037	119499	0.70%	0.060%
27	16.781	2339	2345	2348	rBV4	15008	29958	0.18%	0.015%
28	16.886	2358	2363	2367	rBV3	47443	64282	0.38%	0.033%
29	16.922	2367	2369	2373	rVB3	25220	29297	0.17%	0.015%
30	16.998	2375	2382	2388	rBV	3600214	5089585	29.89%	2.574%
31	17.092	2395	2398	2402	rBV3	18234	23434	0.14%	0.012%
32	17.186	2409	2414	2420	rVB3	161752	246848	1.45%	0.125%
33	17.404	2447	2451	2454	rBV6	12826	25115	0.15%	0.013%
34	17.463	2457	2461	2464	rBV5	34524	51399	0.30%	0.026%

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 Title : SVOA CALIBRATION

35	17.610	2479	2486	2493	rVB	387706	690374	4.05%	0.349%
36	17.722	2501	2505	2513	rVB4	162623	250123	1.47%	0.126%
37	17.804	2516	2519	2521	rVV3	21289	24181	0.14%	0.012%
38	17.857	2523	2528	2533	rVV2	200291	291037	1.71%	0.147%
39	17.910	2533	2537	2544	rVB6	74997	134844	0.79%	0.068%
40	18.028	2553	2557	2560	rBV5	35558	47795	0.28%	0.024%
41	18.080	2560	2566	2571	rVV	6164364	7919893	46.52%	4.005%
42	18.139	2571	2576	2580	rVV	1442979	1795898	10.55%	0.908%
43	18.186	2580	2584	2588	rVB	311513	420301	2.47%	0.213%
44	18.363	2609	2614	2619	rBV	2574448	3452793	20.28%	1.746%
45	18.410	2619	2622	2627	rVV	215061	289686	1.70%	0.146%
46	18.463	2627	2631	2635	rVV3	74955	129542	0.76%	0.066%
47	18.504	2635	2638	2641	rVV	228355	315079	1.85%	0.159%
48	18.539	2641	2644	2649	rVV	856862	1108215	6.51%	0.560%
49	18.604	2651	2655	2658	rVV5	121905	205874	1.21%	0.104%
50	18.645	2658	2662	2668	rVB	186199	253270	1.49%	0.128%
51	18.792	2683	2687	2692	rBV5	97146	140834	0.83%	0.071%
52	18.851	2692	2697	2701	rVV	1009800	1376721	8.09%	0.696%
53	18.910	2701	2707	2708	rVV	2466326	3465880	20.36%	1.753%
54	18.939	2708	2712	2718	rVB2	8454309	11786175	69.23%	5.960%
55	19.022	2721	2726	2730	rBV	1221668	1531314	8.99%	0.774%
56	19.145	2742	2747	2754	rBV2	2180758	3375300	19.82%	1.707%
57	19.222	2754	2760	2766	rVV	11660364	17025741	100.00%	8.609%
58	19.286	2766	2771	2778	rVV	4385620	5432175	31.91%	2.747%
59	19.357	2779	2783	2787	rVV	149963	206474	1.21%	0.104%
60	19.410	2788	2792	2797	rVB	601824	736111	4.32%	0.372%
61	19.480	2799	2804	2810	rVV	3391486	4292622	25.21%	2.171%
62	19.563	2810	2818	2822	rVV	5704251	7310666	42.94%	3.697%
63	19.610	2822	2826	2829	rVV	1921277	2319968	13.63%	1.173%
64	19.669	2829	2836	2841	rVV	11701236	15910788	93.45%	8.045%
65	19.710	2841	2843	2847	rVB	172202	185387	1.09%	0.094%
66	19.798	2853	2858	2863	rBV3	1461096	3239773	19.03%	1.638%
67	19.839	2863	2865	2870	rVV2	978696	1489160	8.75%	0.753%
68	19.886	2870	2873	2876	rVV	640689	775215	4.55%	0.392%
69	19.933	2876	2881	2885	rVV2	5779814	7792311	45.77%	3.940%
70	19.986	2885	2890	2895	rVB	10150604	12200040	71.66%	6.169%
71	20.063	2898	2903	2907	rBV	664964	831524	4.88%	0.420%

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72	20.139	2908	2916	2922	rVB2	1131561	1963539	11.53%	0.993%
73	20.216	2924	2929	2933	rBV	6635356	8117121	47.68%	4.104%
74	20.269	2933	2938	2939	rVV	3171843	3927943	23.07%	1.986%
75	20.292	2939	2942	2947	rVB	4435843	5224458	30.69%	2.642%
76	20.369	2950	2955	2961	rBV3	1610867	2227362	13.08%	1.126%
77	20.439	2962	2967	2969	rBV	593112	867891	5.10%	0.439%
78	20.463	2969	2971	2974	rVV2	715021	696297	4.09%	0.352%
79	20.533	2974	2983	2990	rVV	7773400	13277424	77.98%	6.714%
80	20.586	2990	2992	2994	rVV3	107097	97193	0.57%	0.049%
81	20.616	2994	2997	3001	rVB	540028	587297	3.45%	0.297%
82	20.680	3004	3008	3014	rVB2	864723	1065223	6.26%	0.539%
83	20.745	3015	3019	3026	rBV2	489058	610714	3.59%	0.309%
84	20.833	3030	3034	3039	rBV	2614909	3038854	17.85%	1.537%
85	20.880	3039	3042	3046	rBV5	88583	113224	0.67%	0.057%
86	20.951	3049	3054	3058	rBV2	922738	1243237	7.30%	0.629%
87	21.004	3059	3063	3069	rVB3	530761	676885	3.98%	0.342%
88	21.057	3069	3072	3074	rBV	301999	388653	2.28%	0.197%
89	21.086	3074	3077	3081	rVV	1210153	1360392	7.99%	0.688%
90	21.133	3082	3085	3088	rVV	281404	364154	2.14%	0.184%
91	21.192	3091	3095	3099	rVV	3501889	4347503	25.53%	2.198%
92	21.239	3099	3103	3109	rVB	1803559	2249075	13.21%	1.137%
93	21.480	3140	3144	3150	rBV	573860	754346	4.43%	0.381%
94	21.545	3151	3155	3161	rVB	1059919	1403096	8.24%	0.709%
95	21.604	3163	3165	3172	rVB7	198805	211218	1.24%	0.107%
96	21.674	3174	3177	3179	rBV3	213393	225883	1.33%	0.114%
97	21.821	3200	3202	3210	rVB	238995	327783	1.93%	0.166%
98	22.774	3361	3364	3368	rVB	504508	607716	3.57%	0.307%
99	23.368	3460	3465	3473	rVB	2359806	4260875	25.03%	2.155%

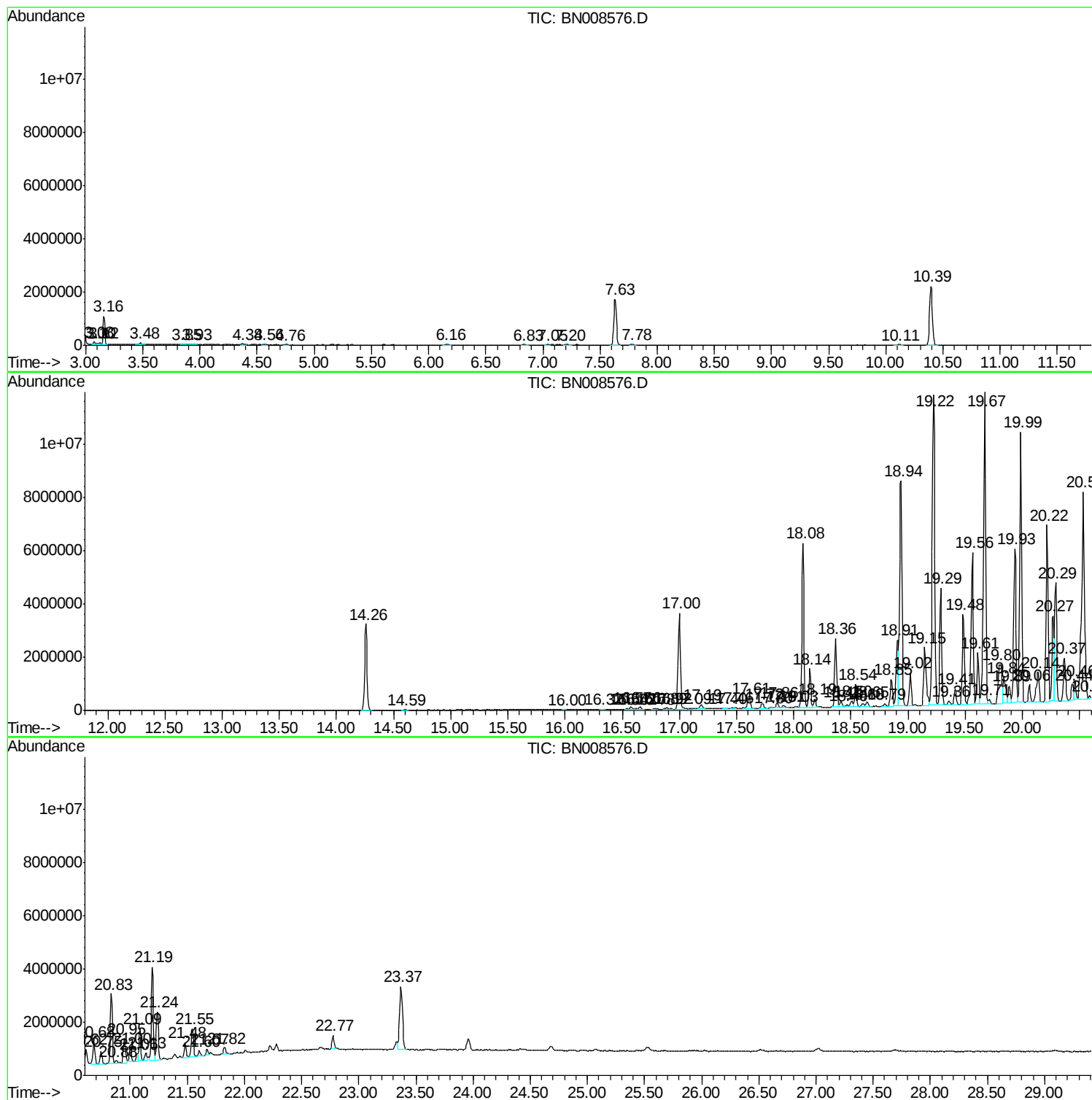
Sum of corrected areas: 197765711

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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
C0A29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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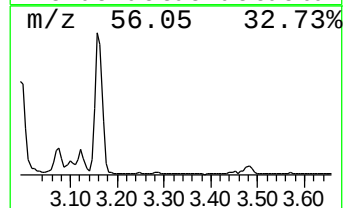
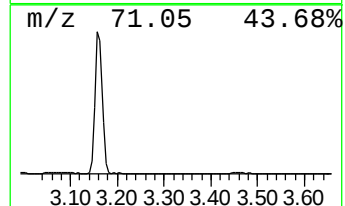
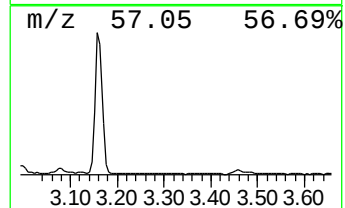
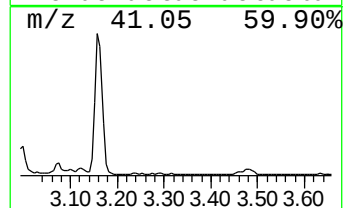
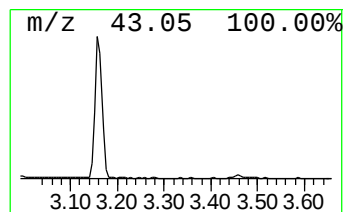
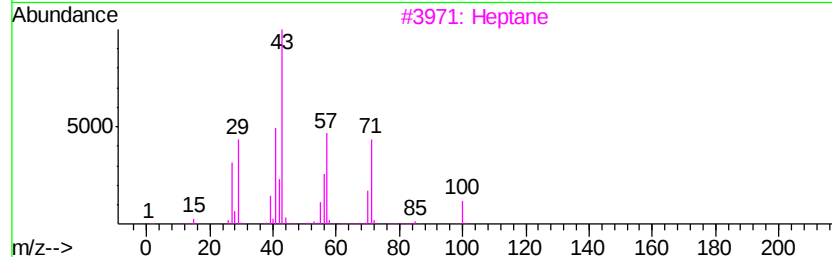
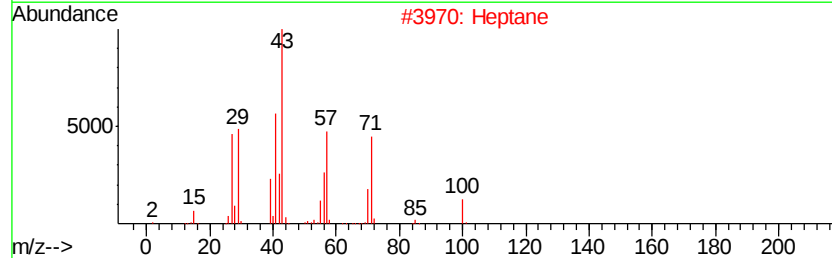
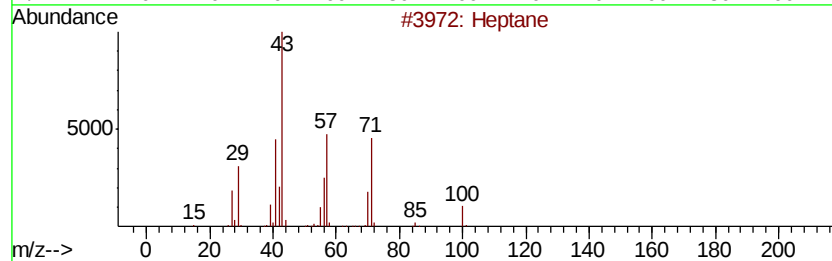
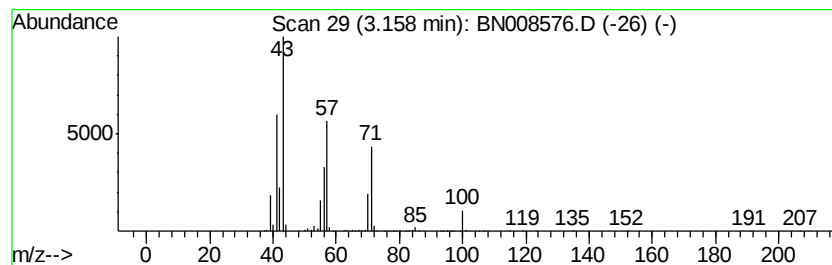
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	7.85 ng/ul	1072850	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	91
3		Heptane	100	C7H16	000142-82-5	91
4		Heptane	100	C7H16	000142-82-5	72
5		Octane	114	C8H18	000111-65-9	59



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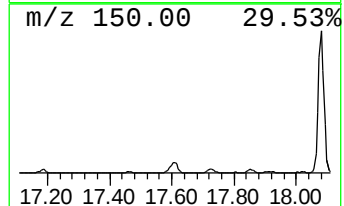
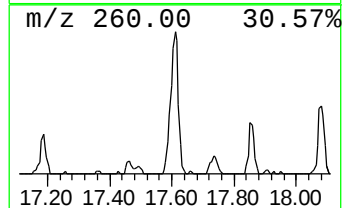
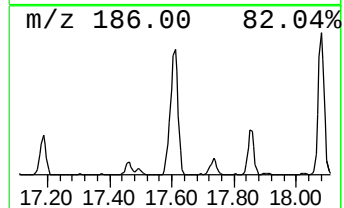
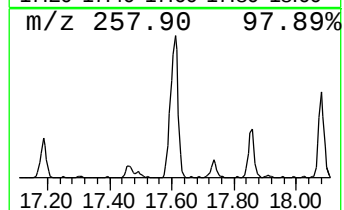
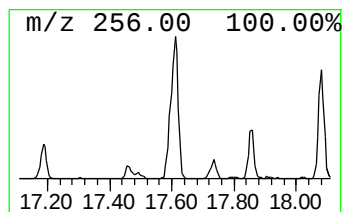
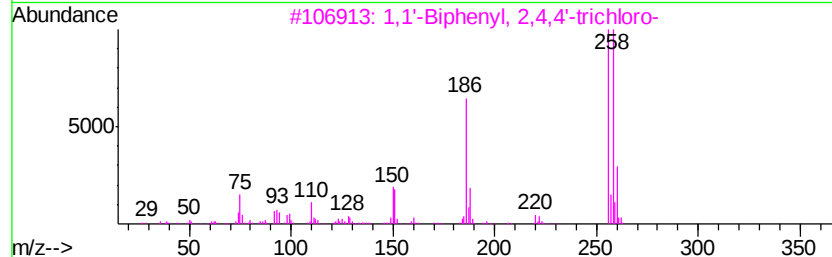
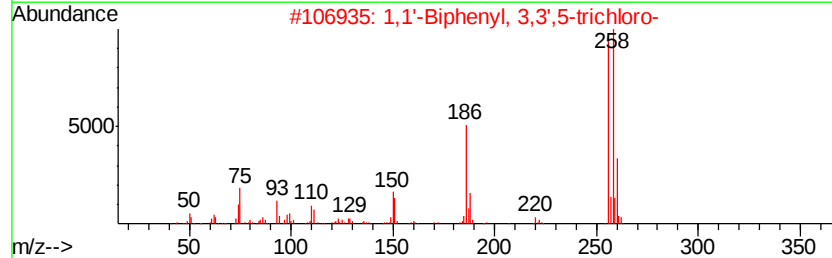
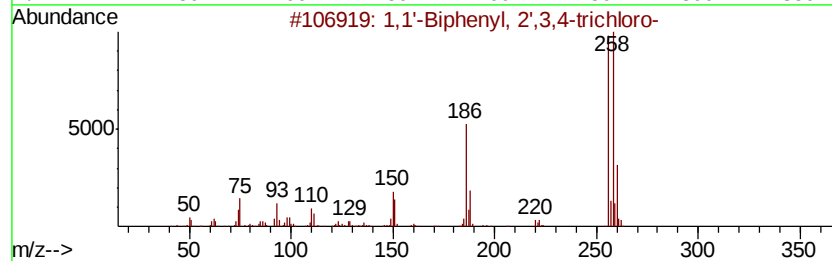
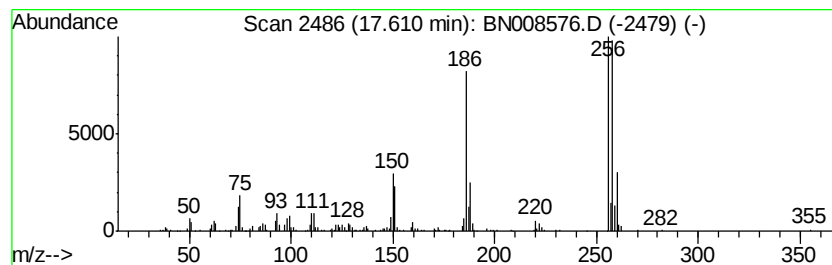
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	2.71 ng/ul	690374	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2		1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
3		1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4		1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
5		1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	98



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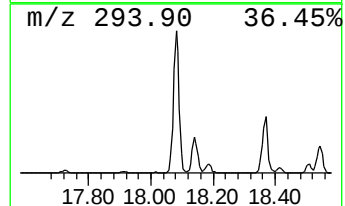
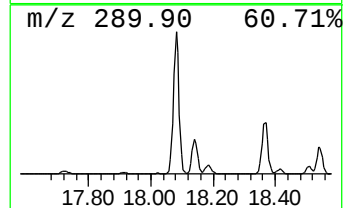
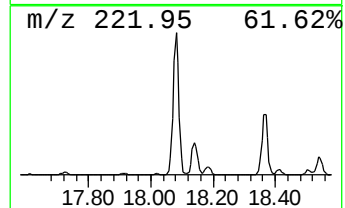
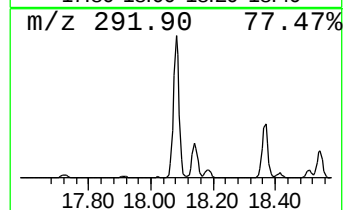
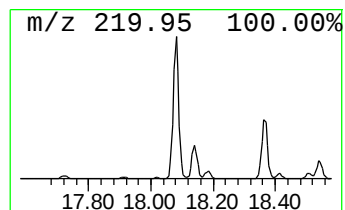
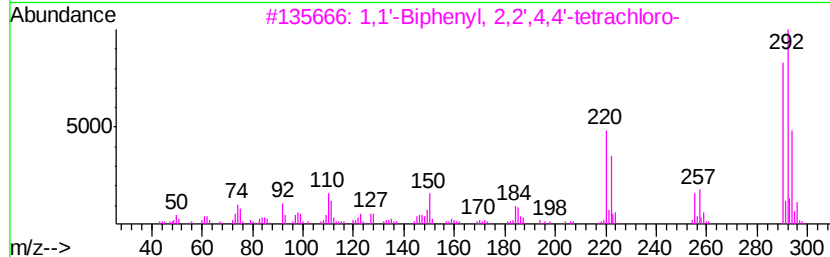
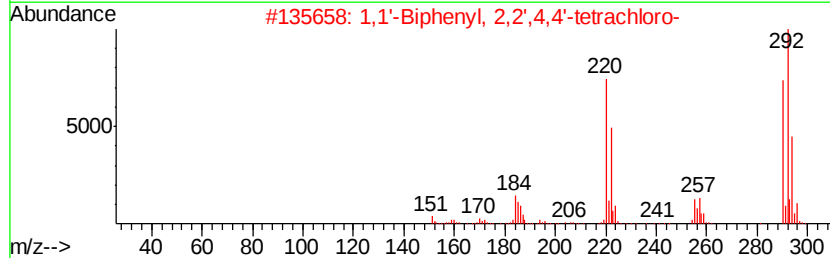
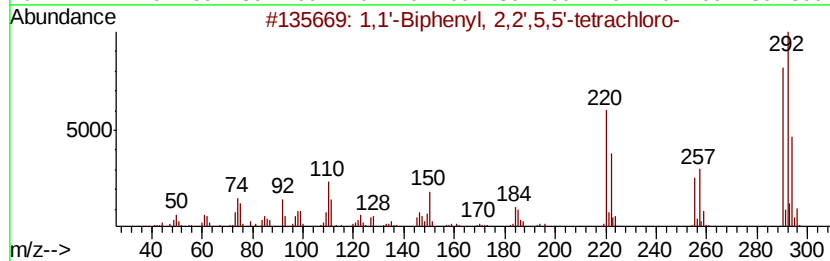
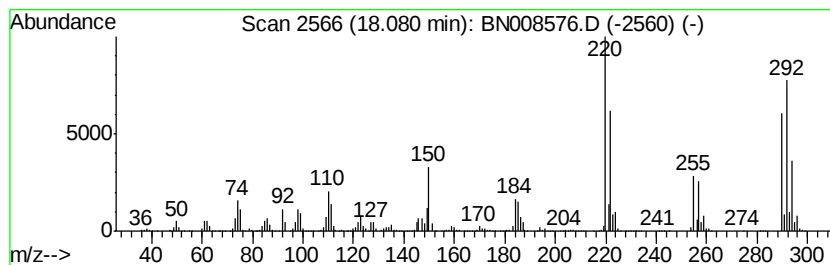
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	31.12 ng/ul	7919890	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5		2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99



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Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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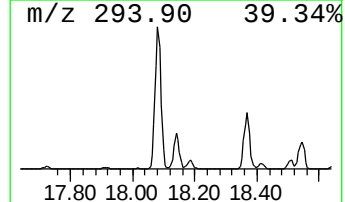
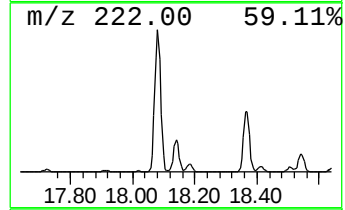
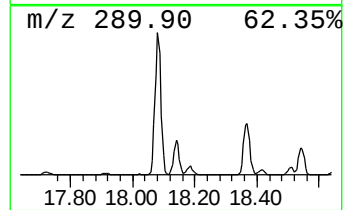
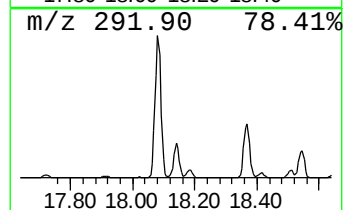
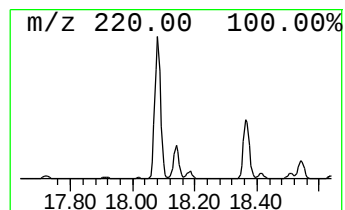
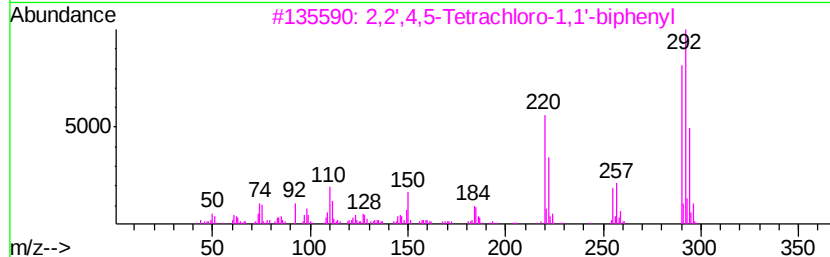
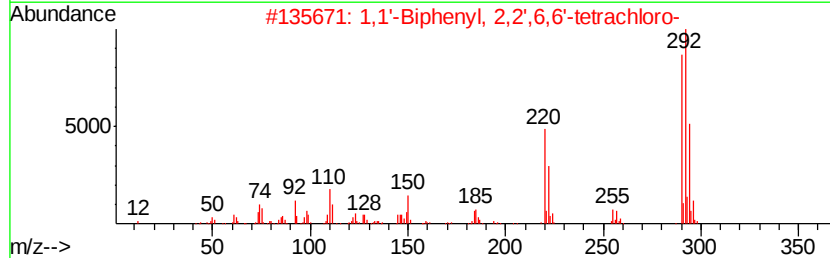
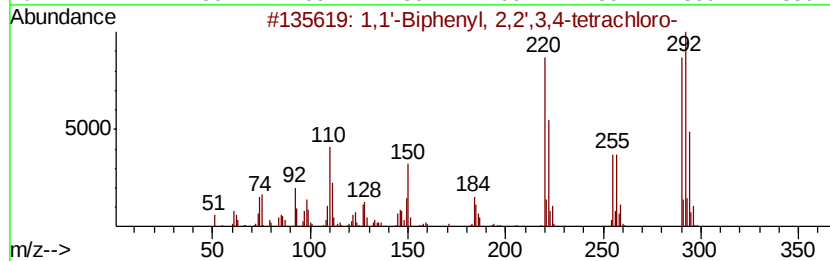
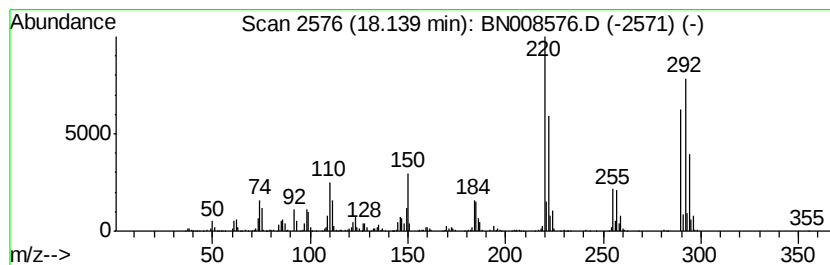
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	7.06 ng/ul	1795900	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
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Instrument :
BNA_N
ClientSampleId :
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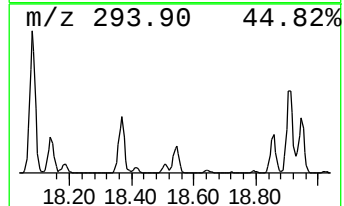
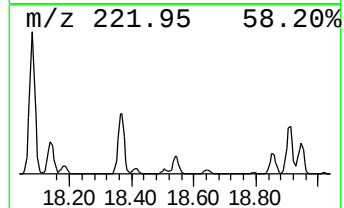
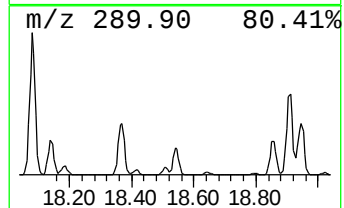
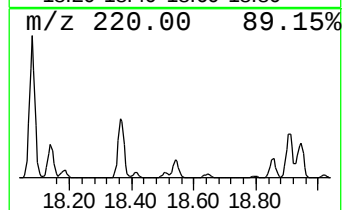
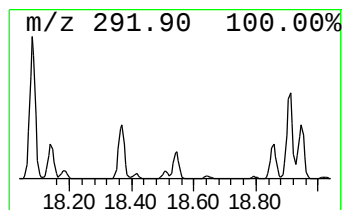
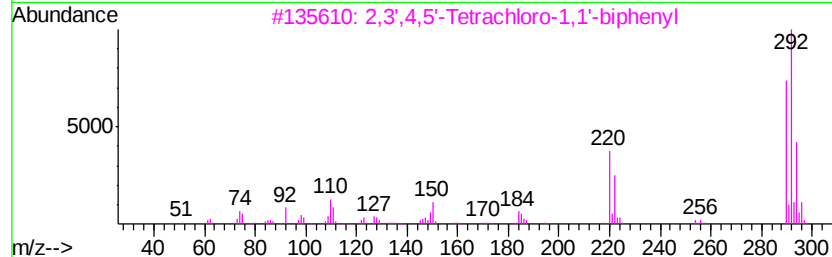
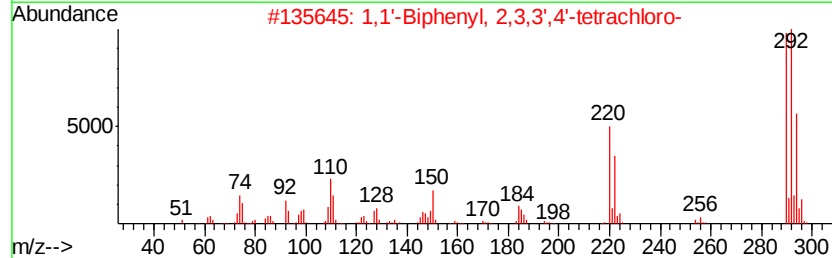
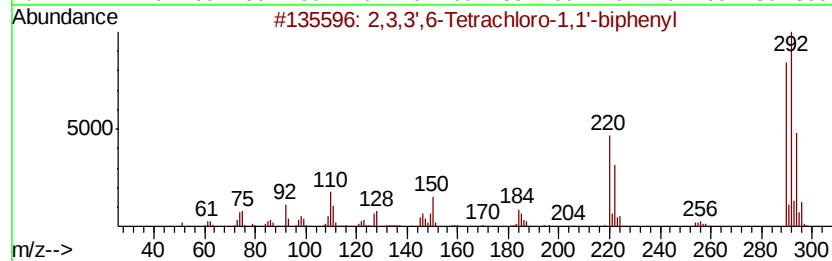
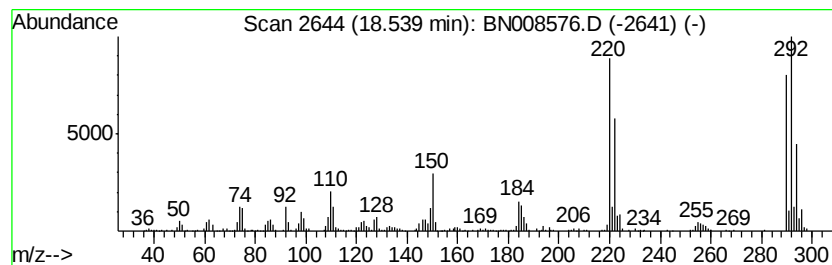
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	4.35 ng/ul	1108220	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99		
2	1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	290	C12H6Cl4	041464-43-1	99		
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99		
4	1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	290	C12H6Cl4	033284-52-5	99		
5	1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	290	C12H6Cl4	041464-49-7	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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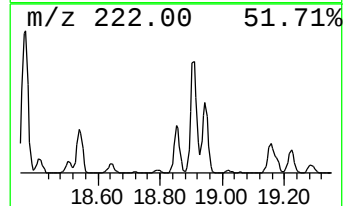
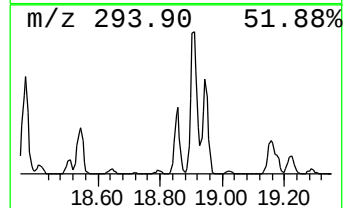
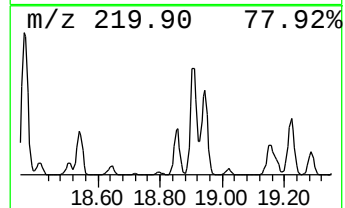
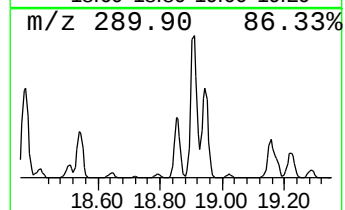
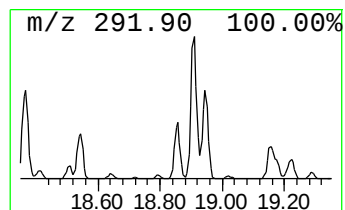
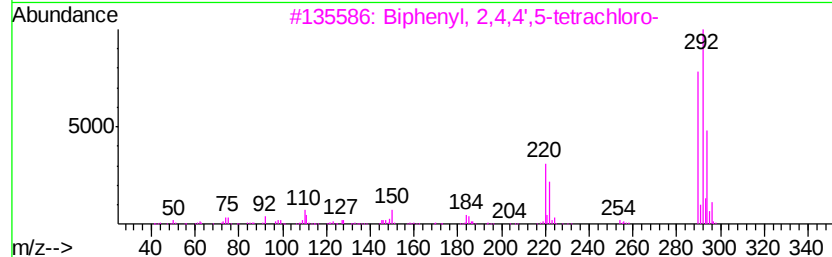
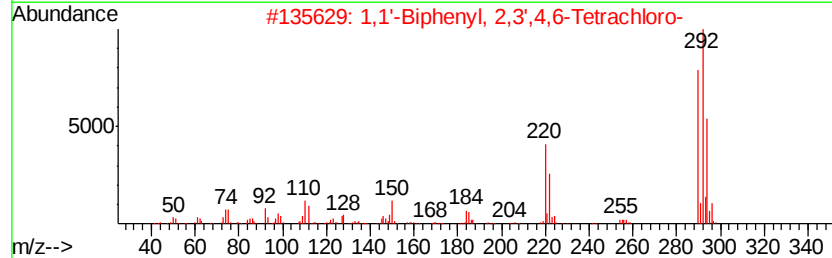
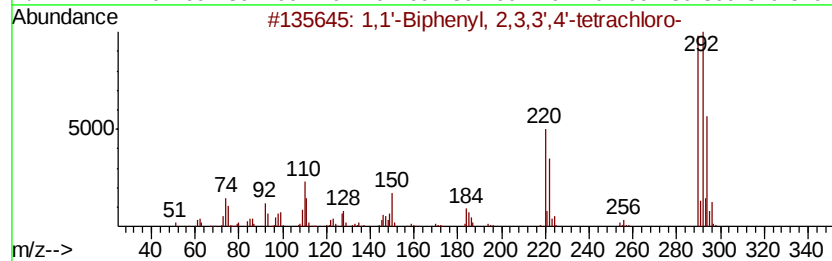
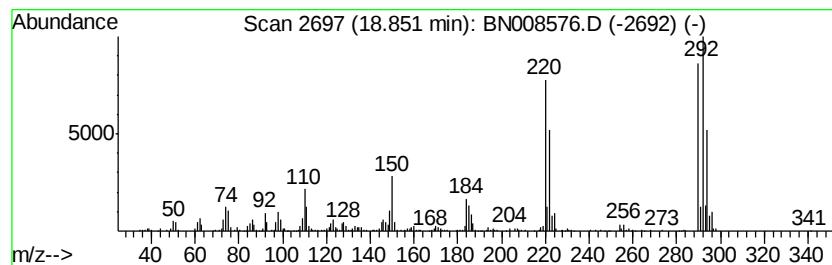
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	5.41 ng/ul	1376720	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2			1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3			Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4			2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
5			1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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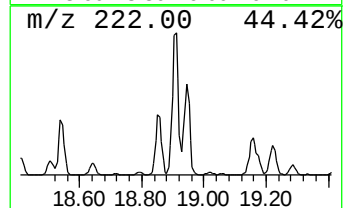
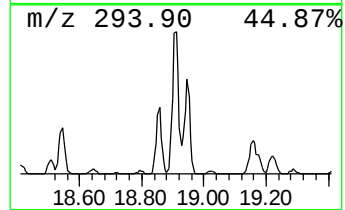
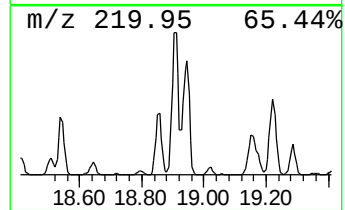
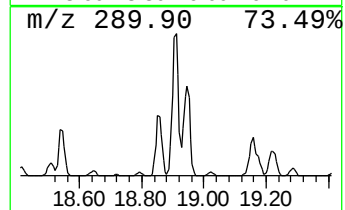
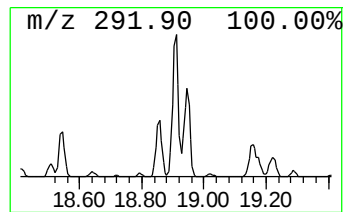
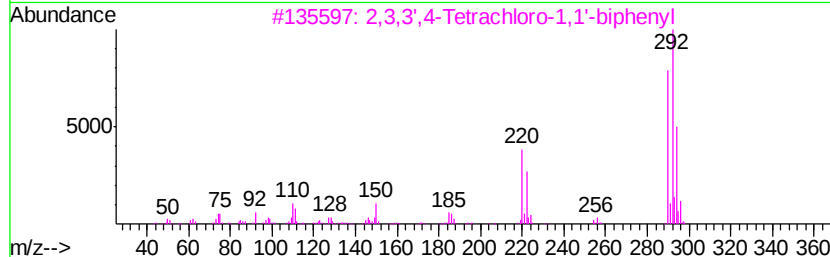
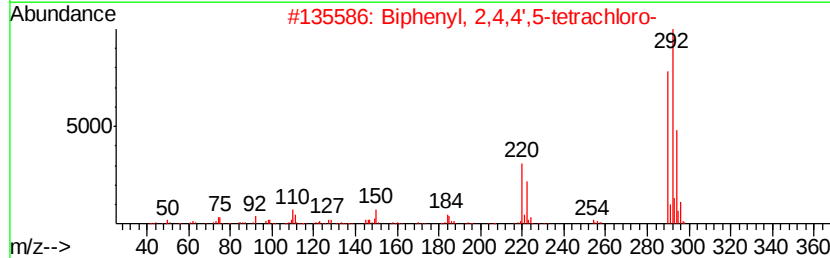
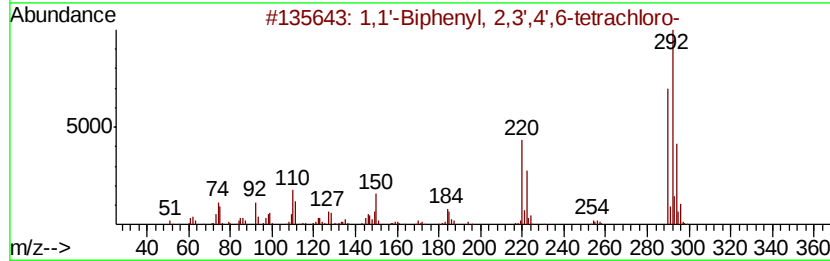
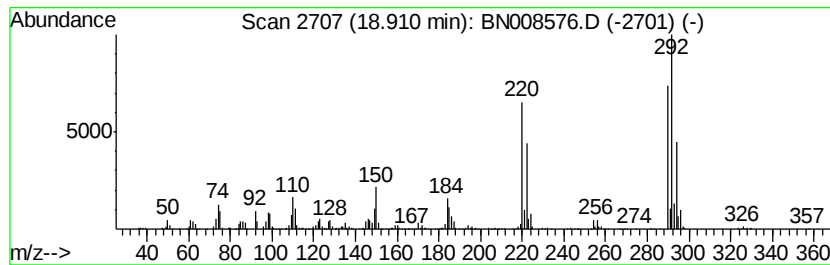
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	13.62 ng/ul	3465880	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2		Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3		2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
4		3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5		2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
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Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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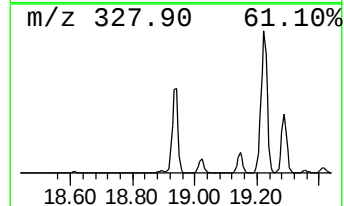
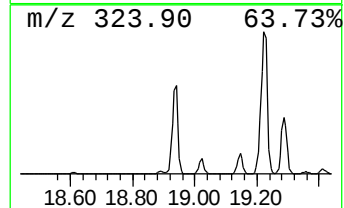
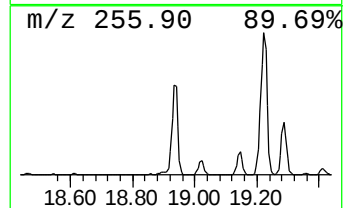
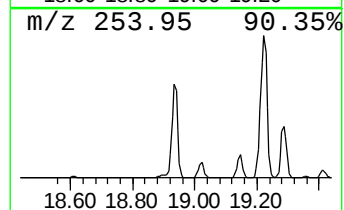
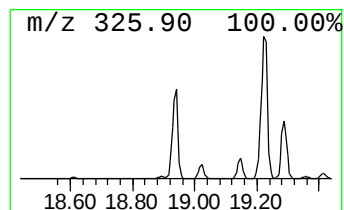
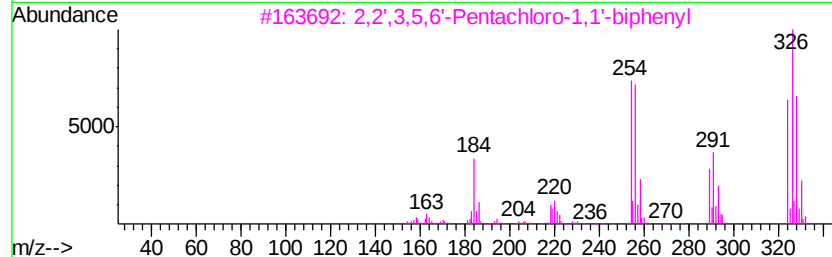
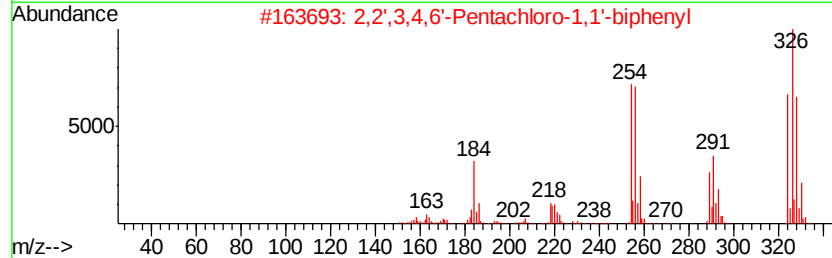
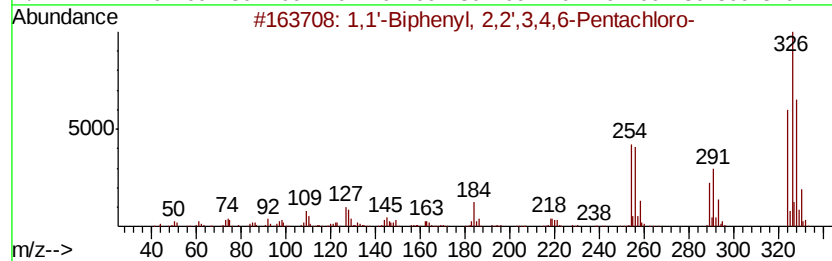
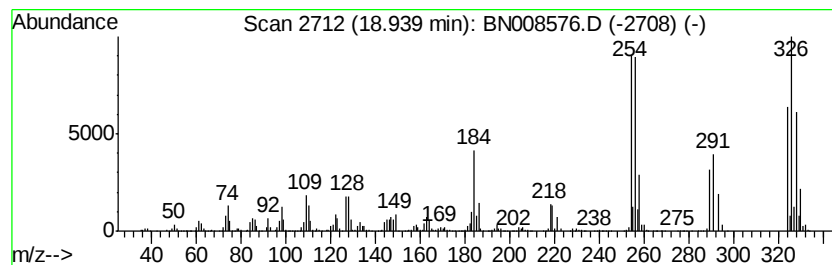
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	46.31 ng/ul	11786200	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2		2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3		2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
4		1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
5		1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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Acq On : 15 Nov 2019 03:32
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Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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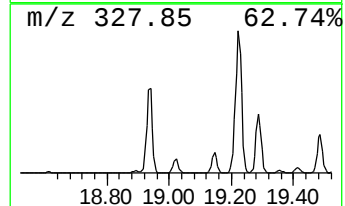
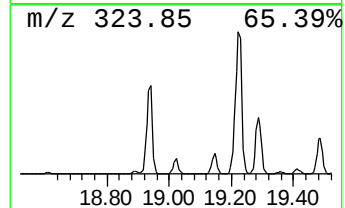
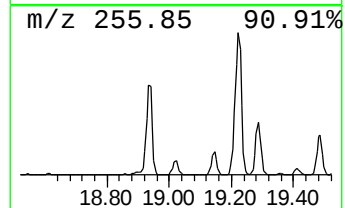
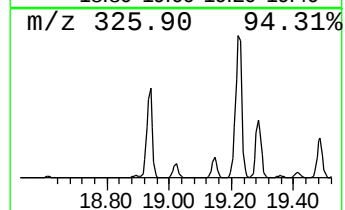
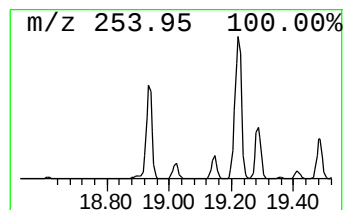
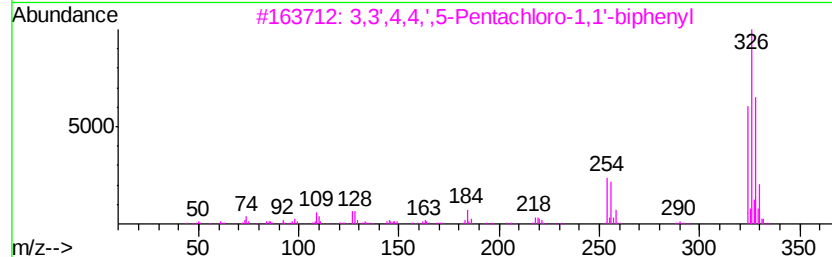
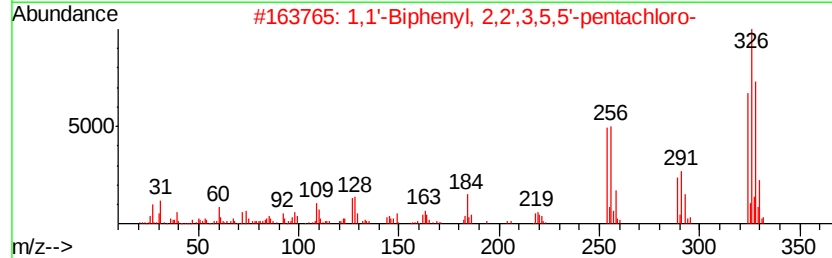
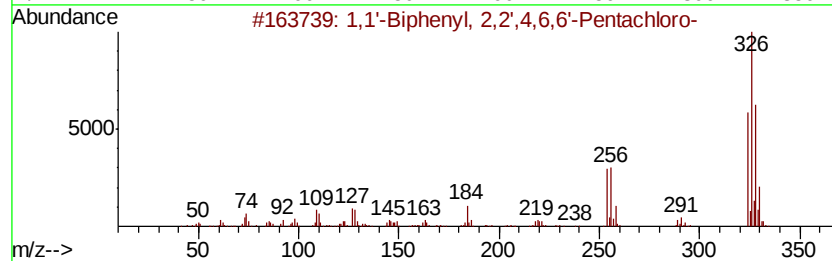
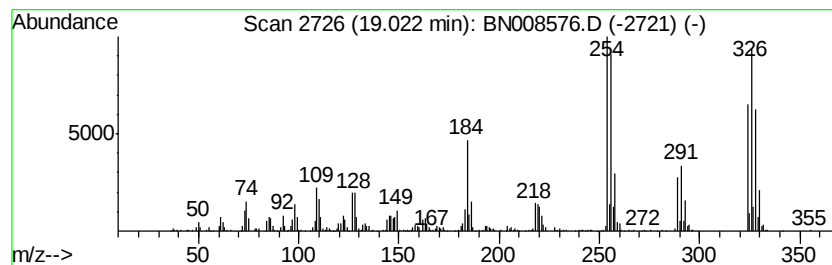
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	6.02 ng/ul	1531310	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',4,6,6'	Penta...	324	C12H5Cl5	056558-16-8	99
2	1,1'	-Biphenyl, 2,2',3,5,5'	penta...	324	C12H5Cl5	052663-61-3	99
3	3,3',4,4',5-Pentachloro-1,1'-bi			324	C12H5Cl5	057465-28-8	99
4	1,1'	-Biphenyl, 2,2',4,5,5'	penta...	324	C12H5Cl5	037680-73-2	99
5	2,2',3,4',5-Pentachloro-1,1'-bip			324	C12H5Cl5	068194-07-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

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ClientSampleId :
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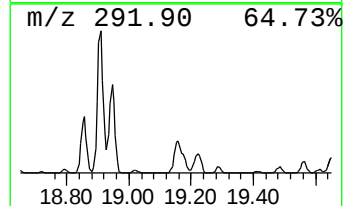
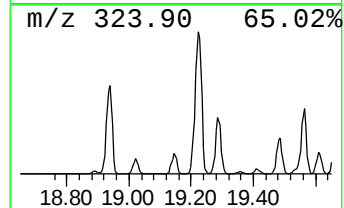
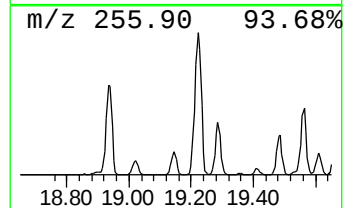
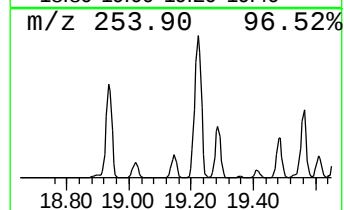
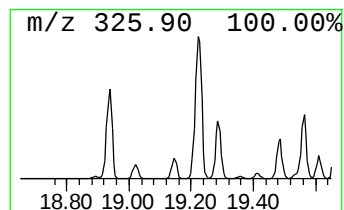
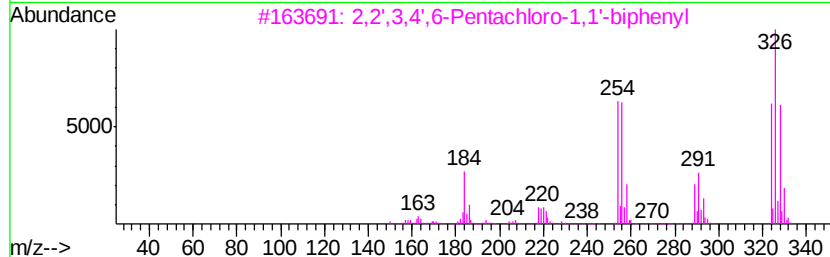
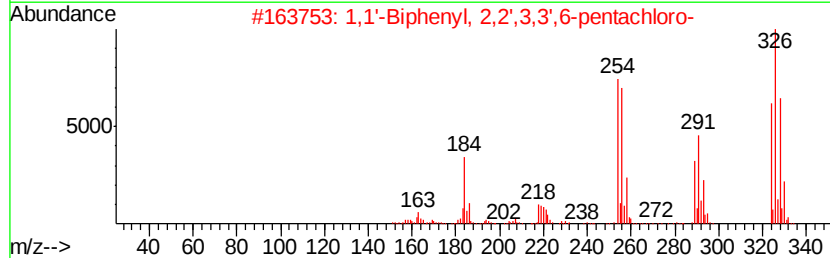
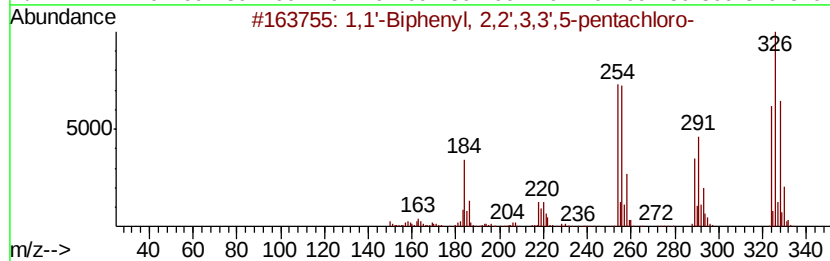
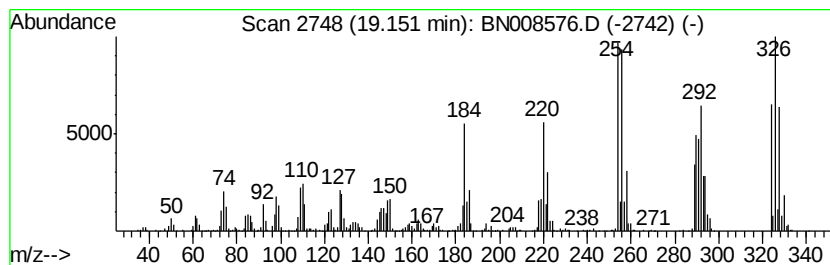
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	15.53 ng/ul	3375300	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2		1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3		2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
4		1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5		2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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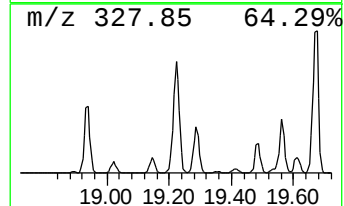
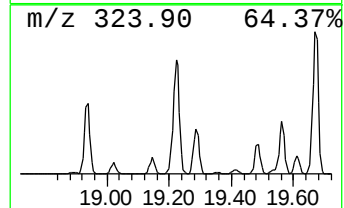
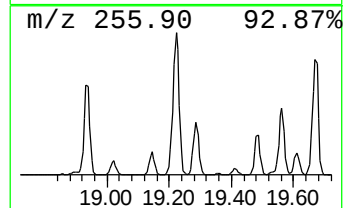
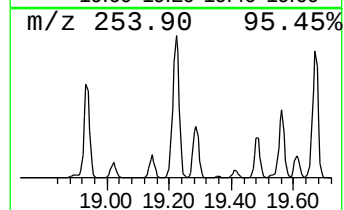
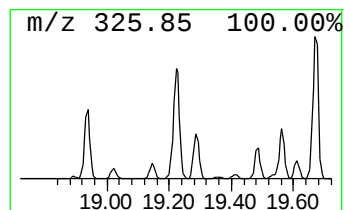
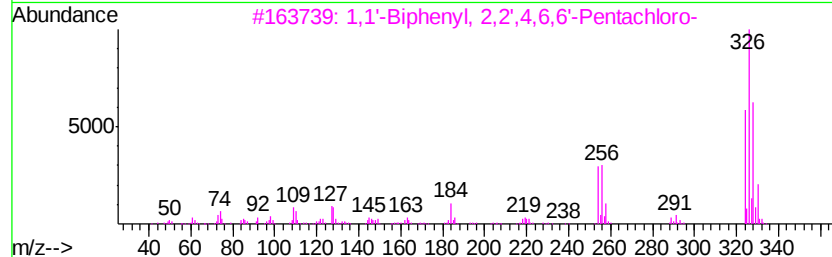
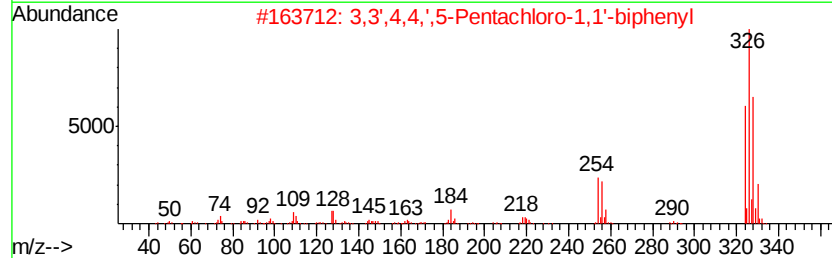
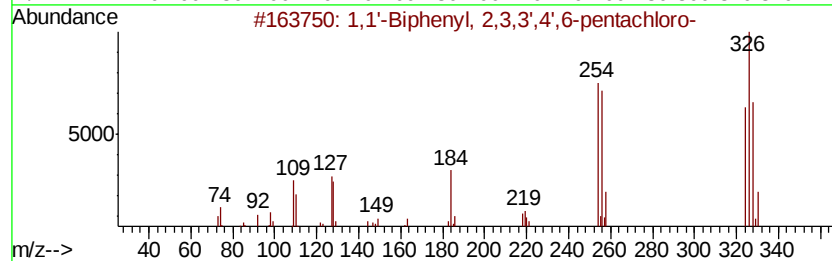
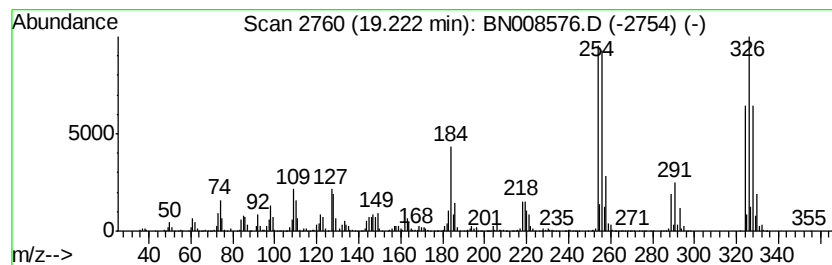
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	78.32 ng/ul	17025700	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		3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
3		1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4		2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
5		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
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Instrument :
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ClientSampleId :
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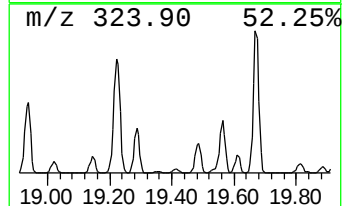
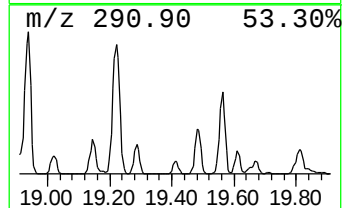
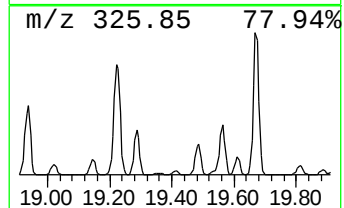
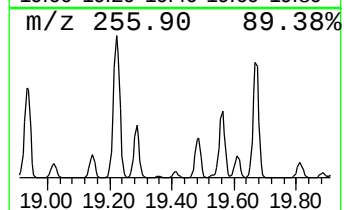
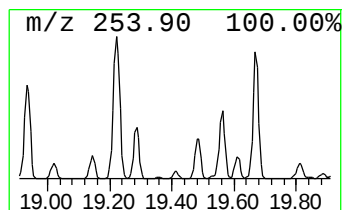
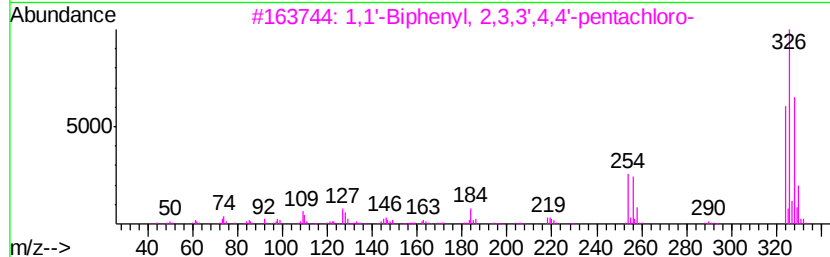
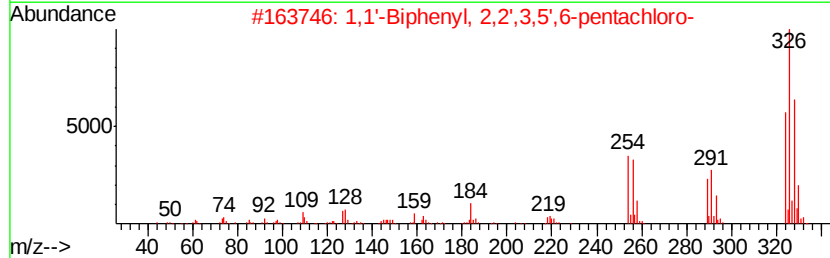
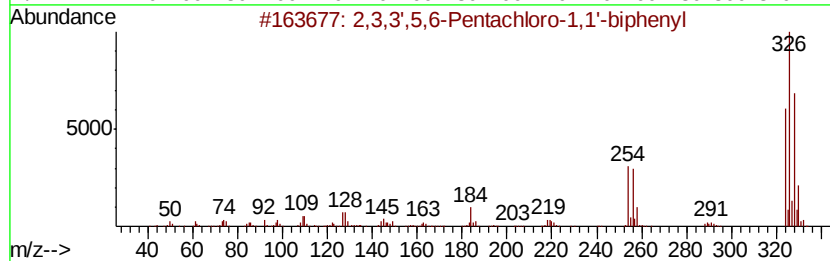
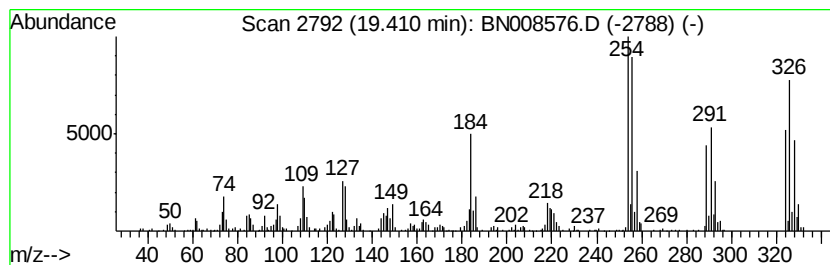
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	3.39 ng/ul	736111	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
2		1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
5		2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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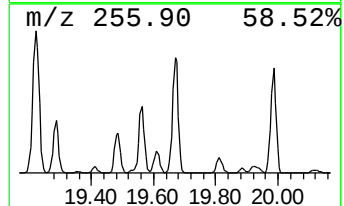
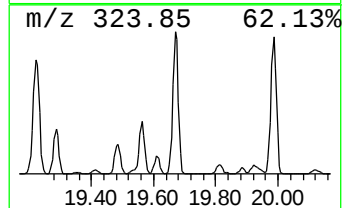
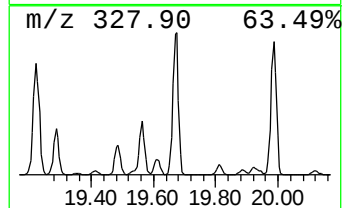
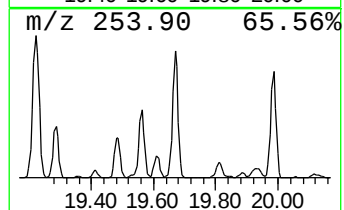
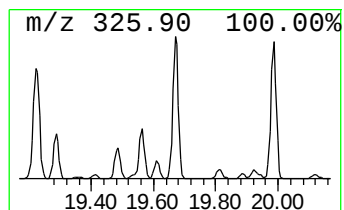
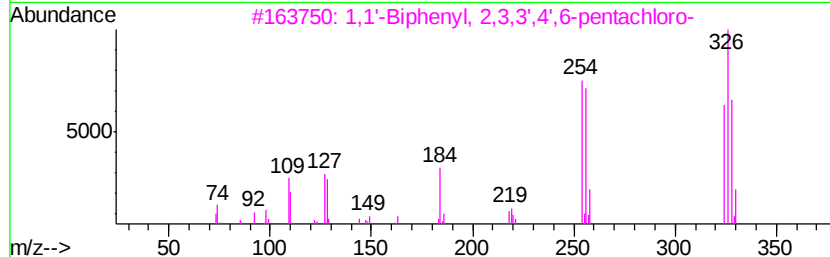
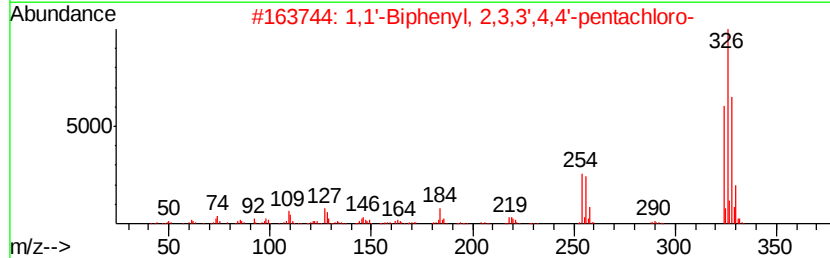
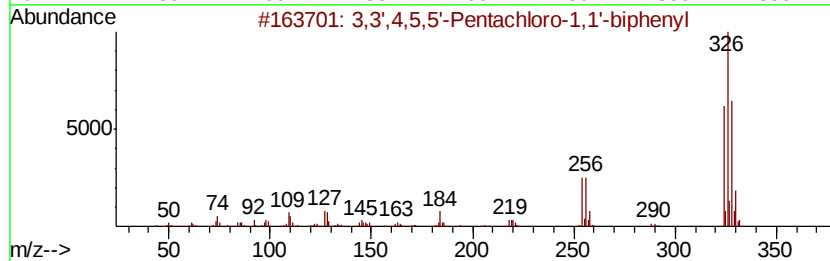
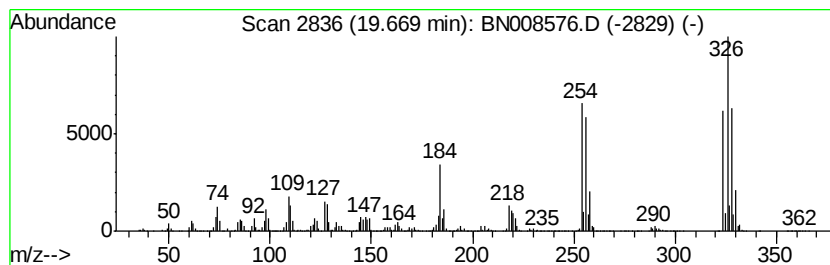
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 3,3',4,5,5'-Pentachloro-1,1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	73.20 ng/ul	15910800	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
2		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
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Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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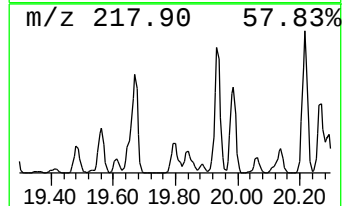
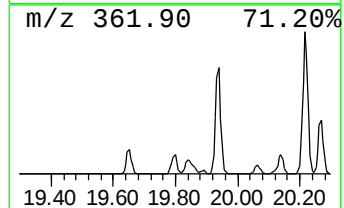
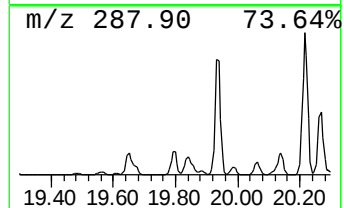
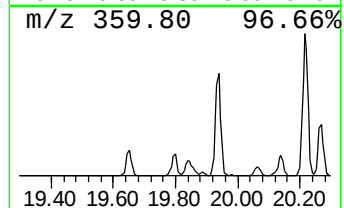
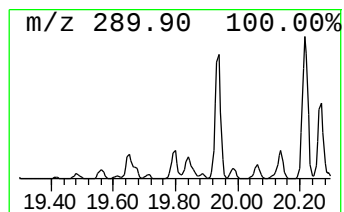
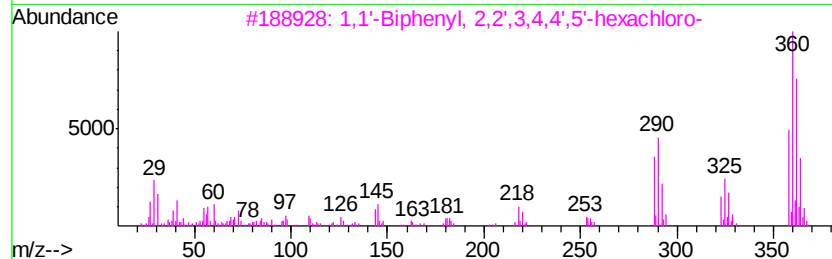
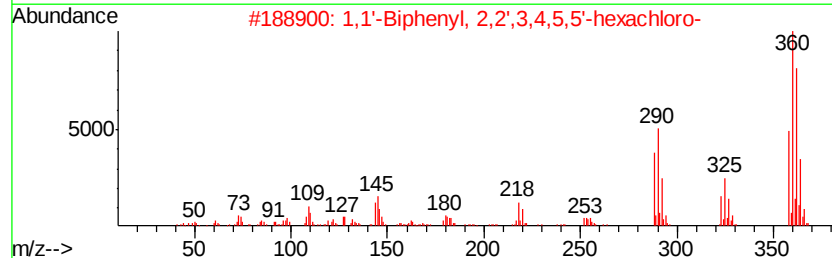
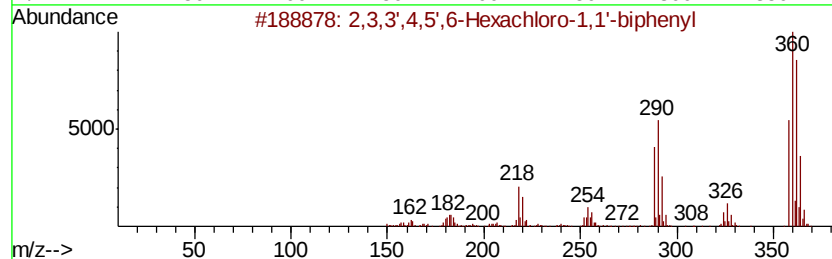
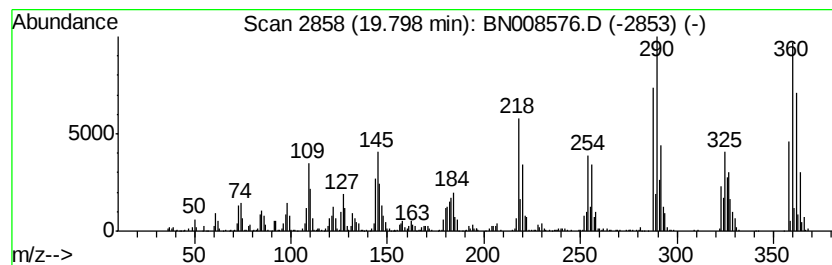
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	14.90 ng/ul	3239770	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4		2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
5		2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
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Sample : K5819-01
Misc :
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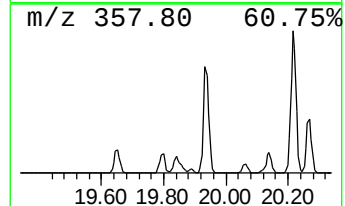
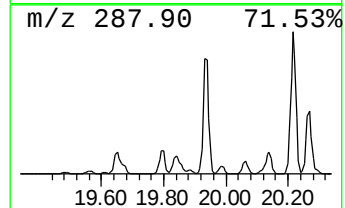
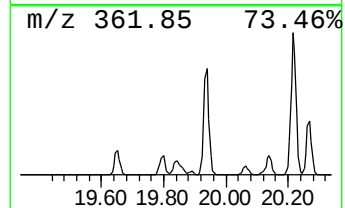
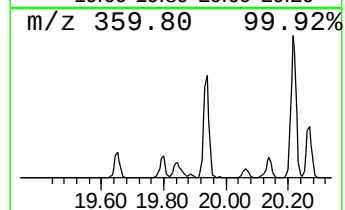
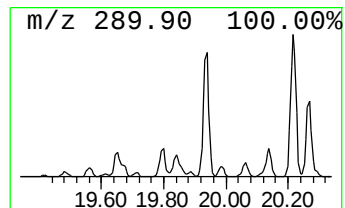
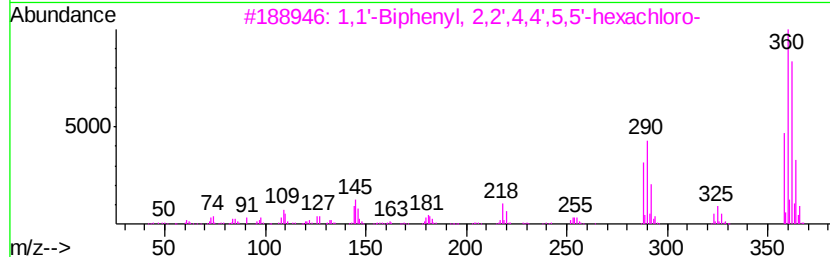
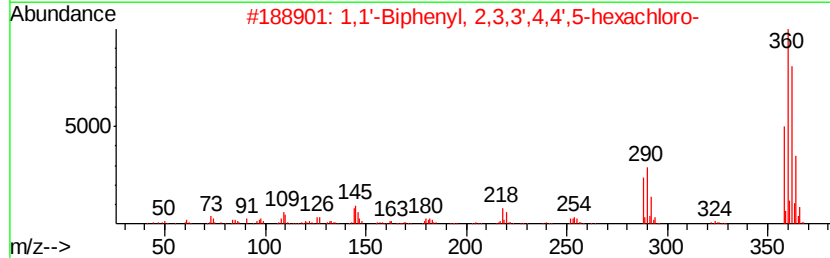
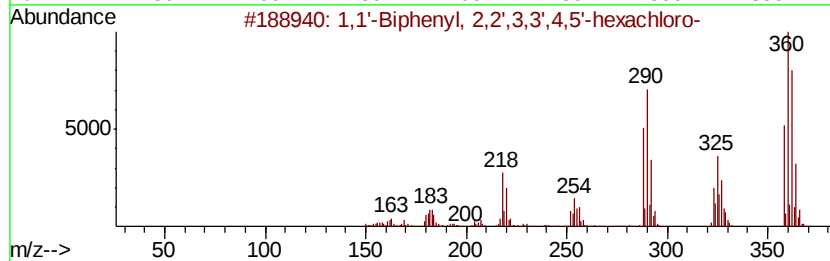
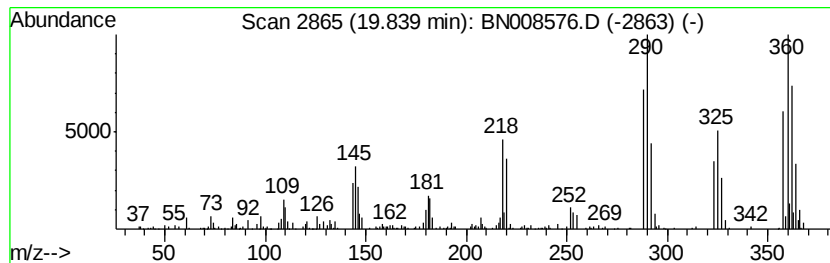
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	6.85 ng/ul	1489160	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
2		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
5		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

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ClientSampleId :
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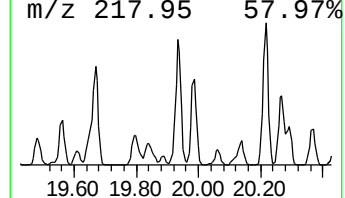
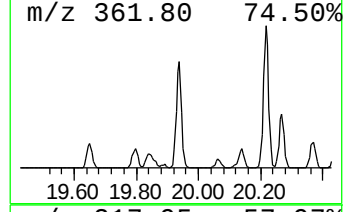
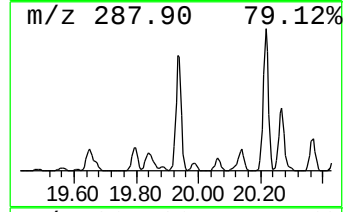
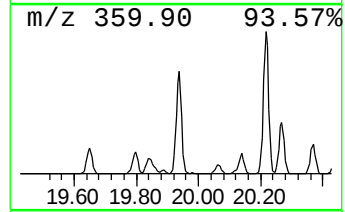
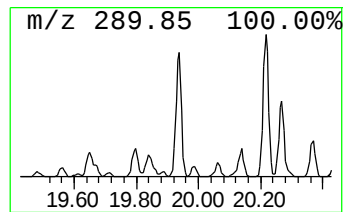
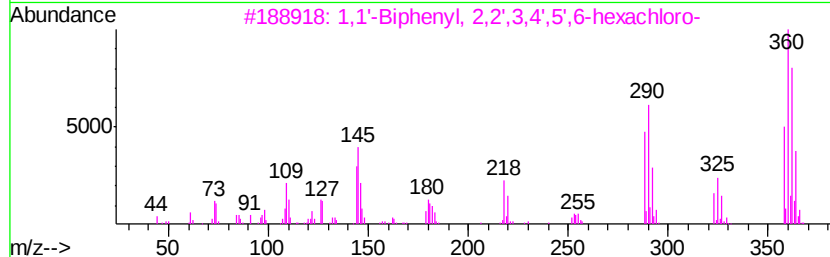
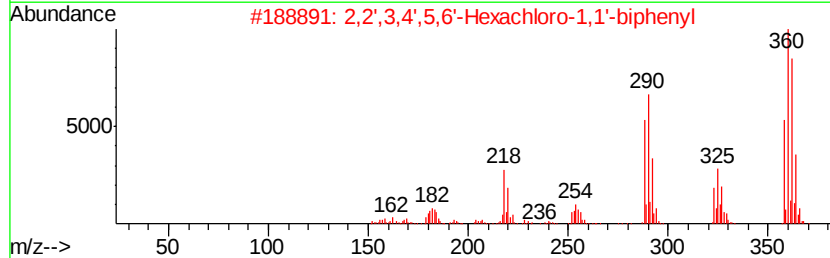
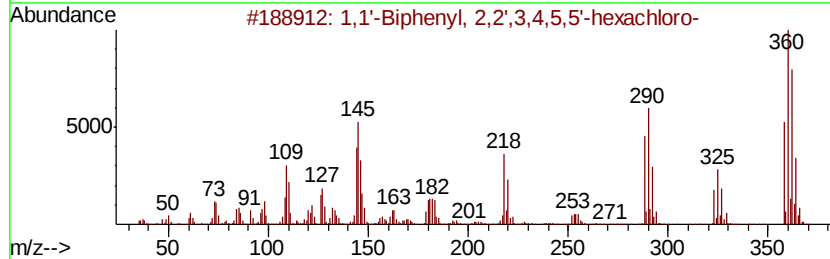
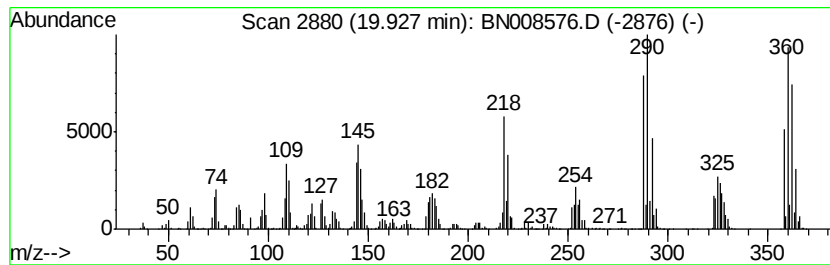
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	35.85 ng/ul	7792310	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2		2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
3		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5		2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ9

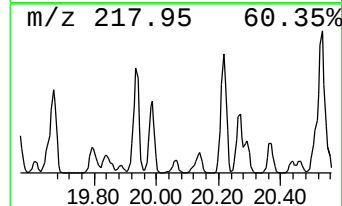
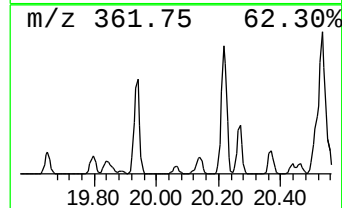
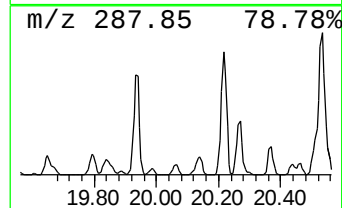
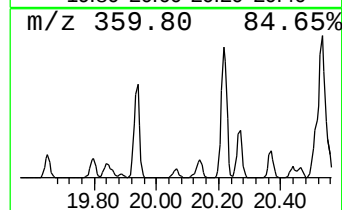
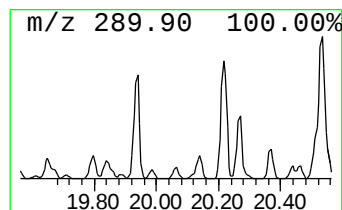
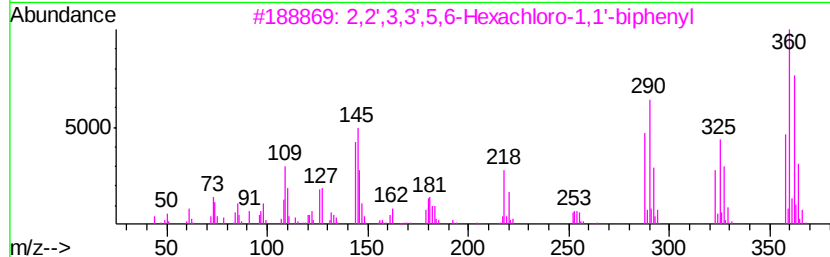
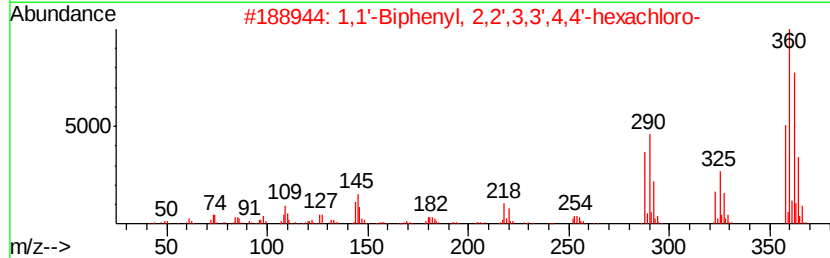
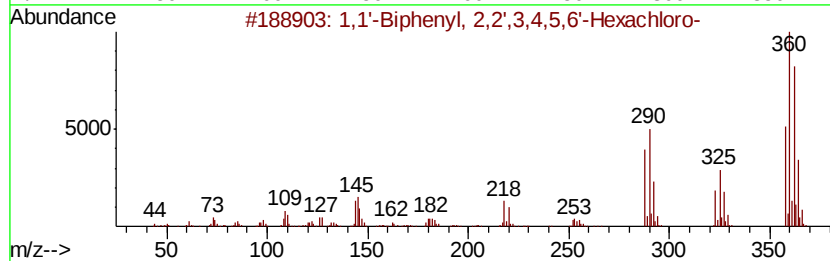
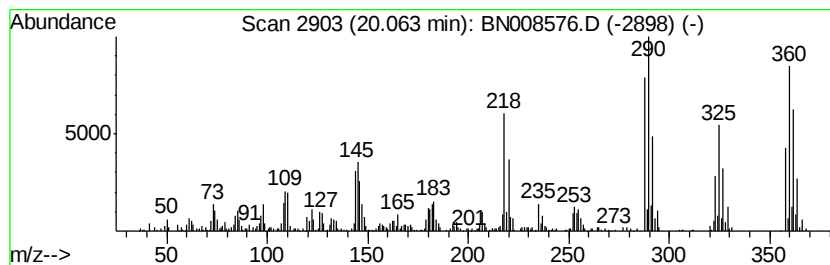
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.83 ng/ul	831524	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3		2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
4		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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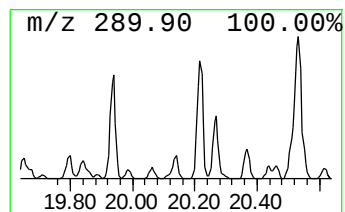
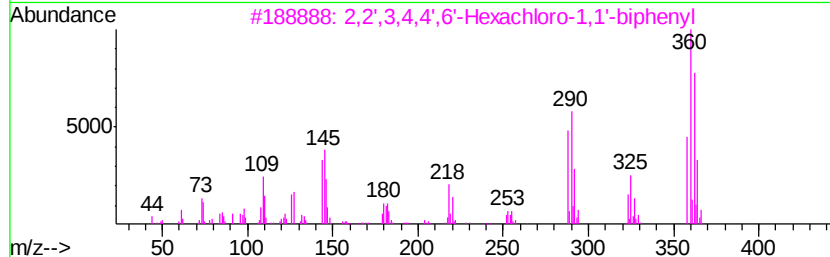
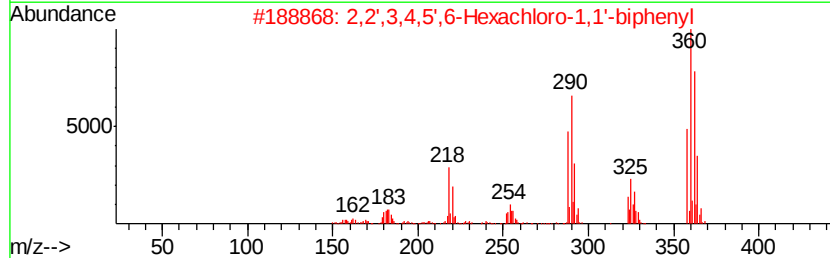
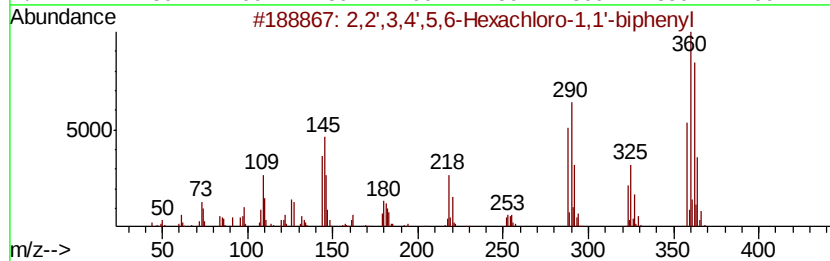
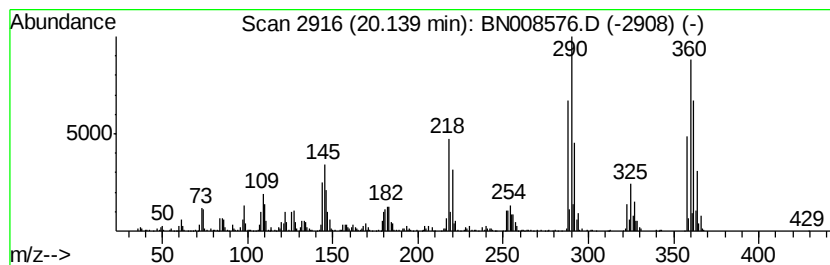
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	9.03 ng/ul	1963540	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99		
2	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99		
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99		
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99		
5	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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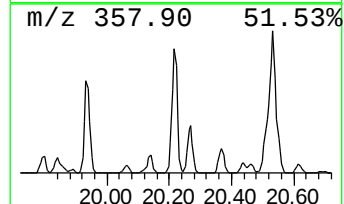
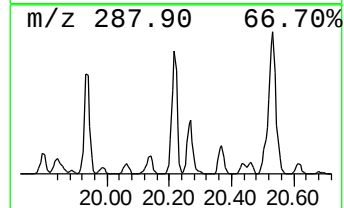
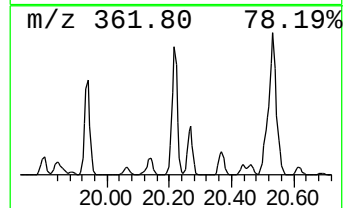
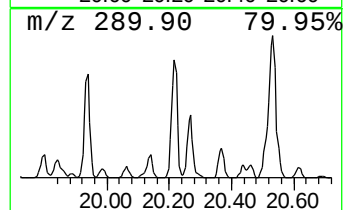
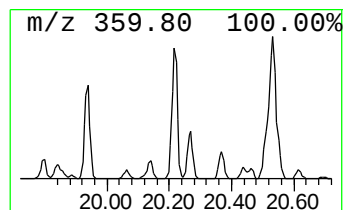
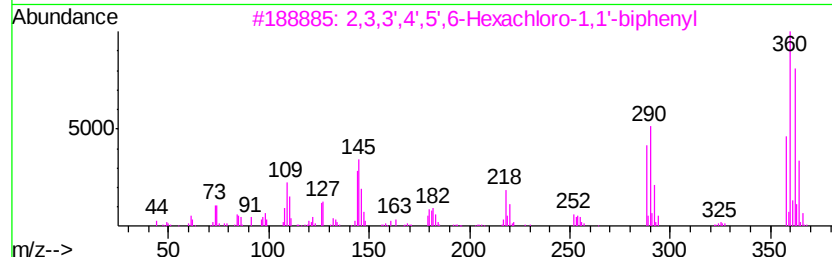
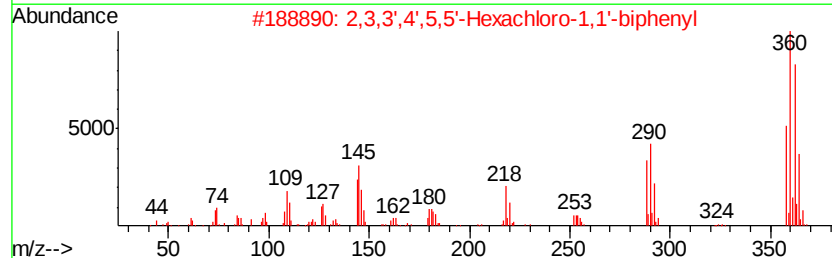
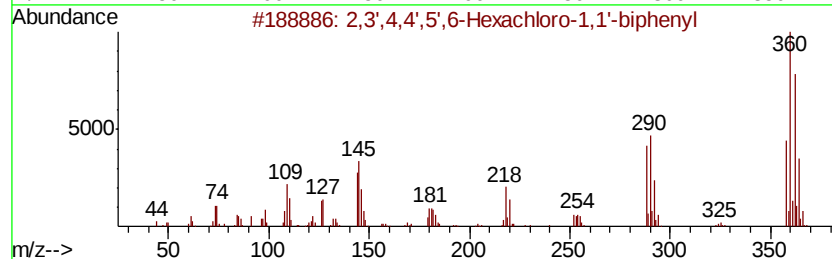
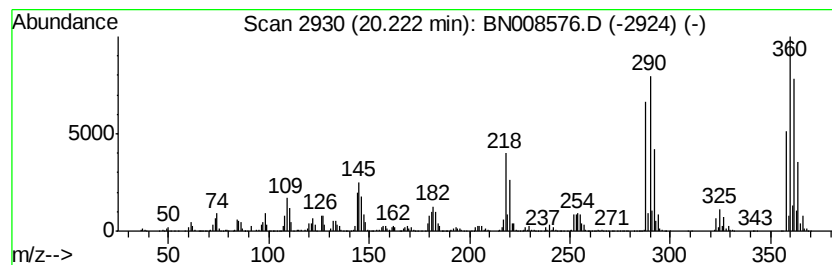
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	37.34 ng/ul	8117120	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
3		2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4		2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
5		2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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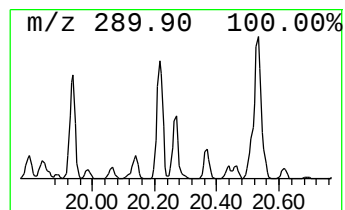
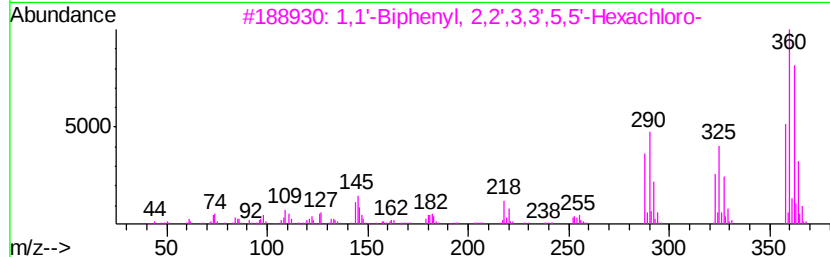
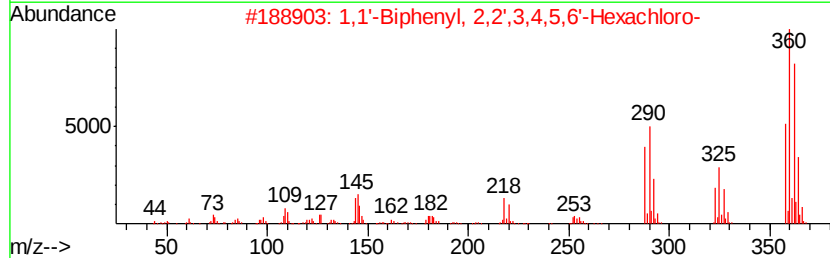
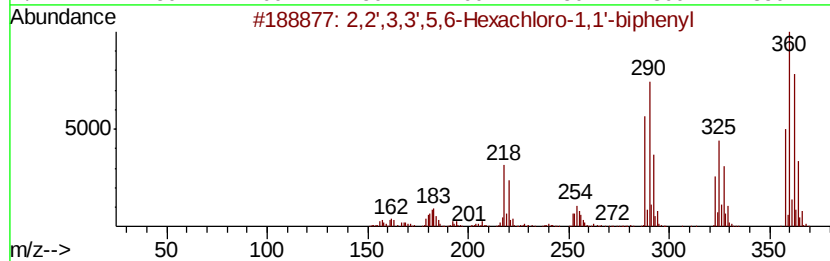
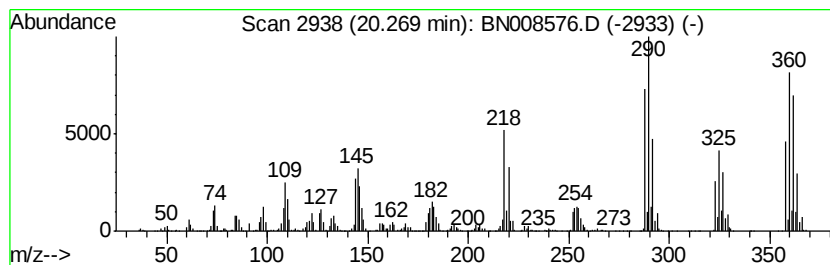
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	18.07 ng/ul	3927940	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
2		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
4		2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
5		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
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Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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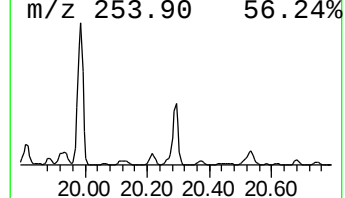
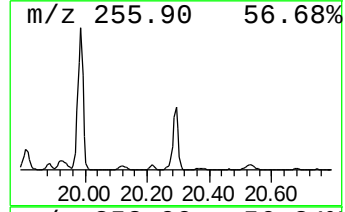
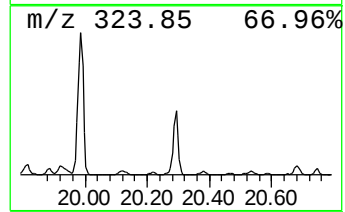
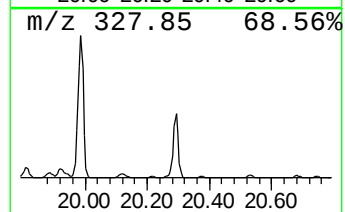
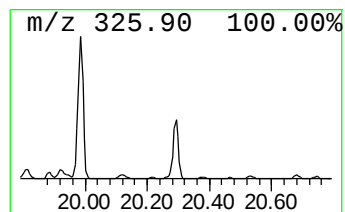
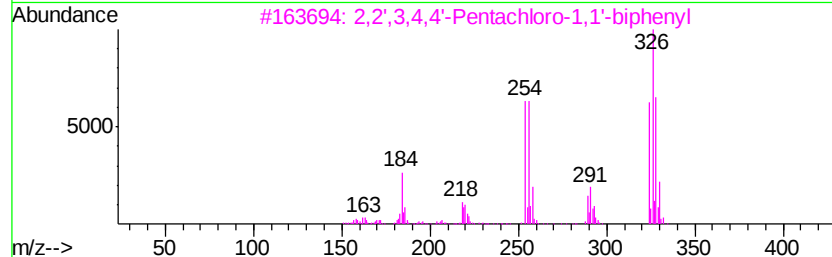
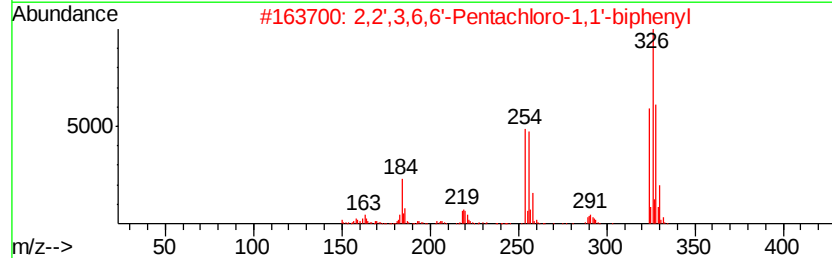
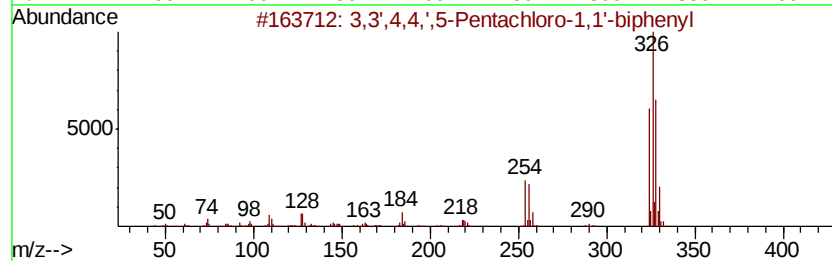
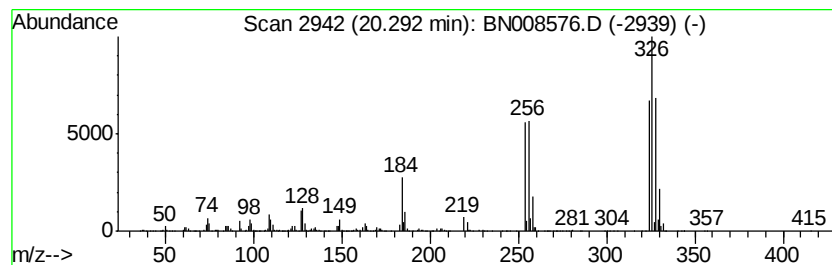
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 3,3',4,4',5-Pentachloro-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	24.03 ng/ul	5224460	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	95
2		2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95
3		2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	95
4		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
5		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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Acq On : 15 Nov 2019 03:32
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Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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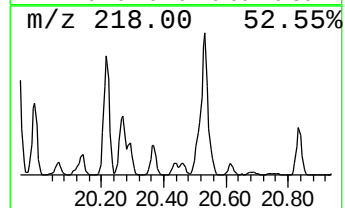
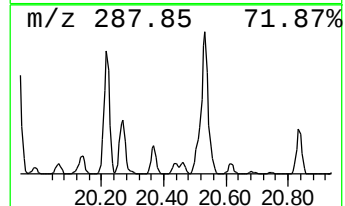
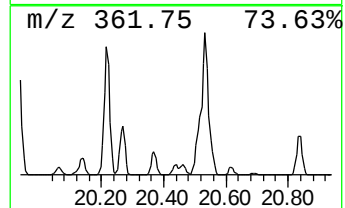
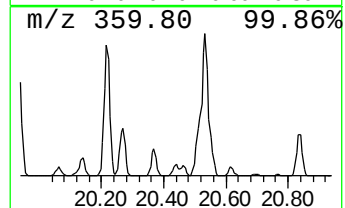
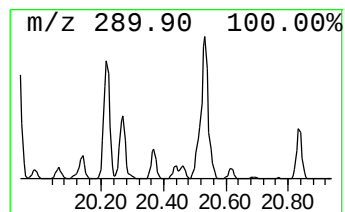
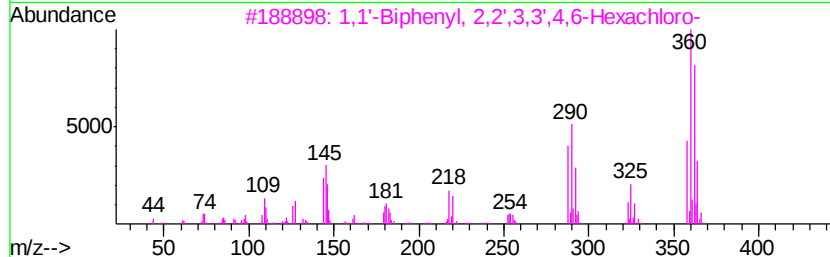
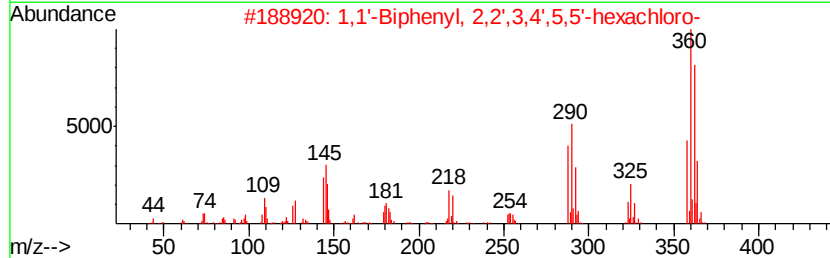
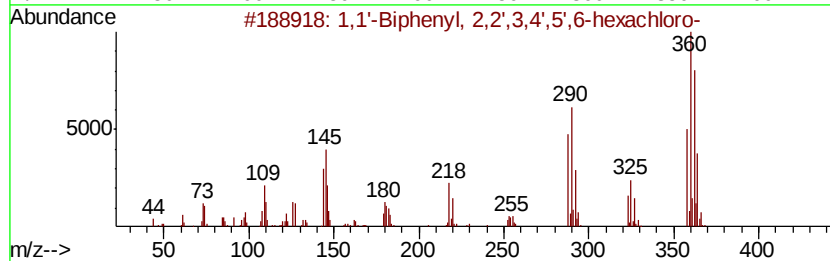
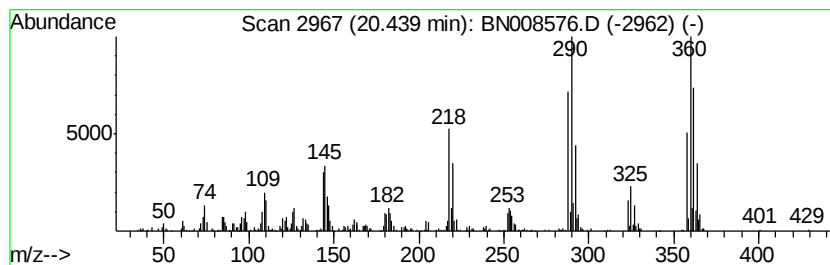
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.99 ng/ul	867891	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3		1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4		2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
5		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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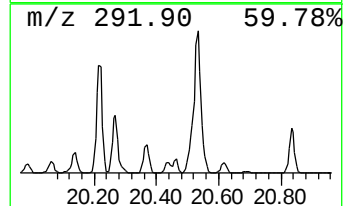
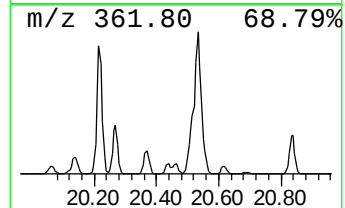
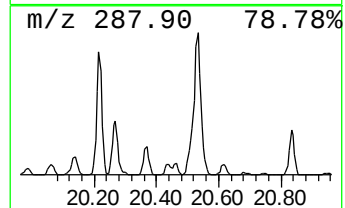
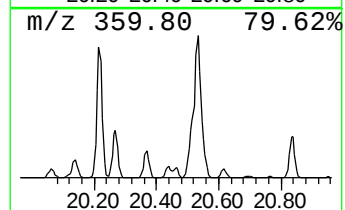
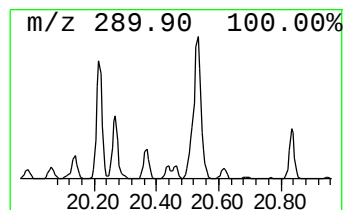
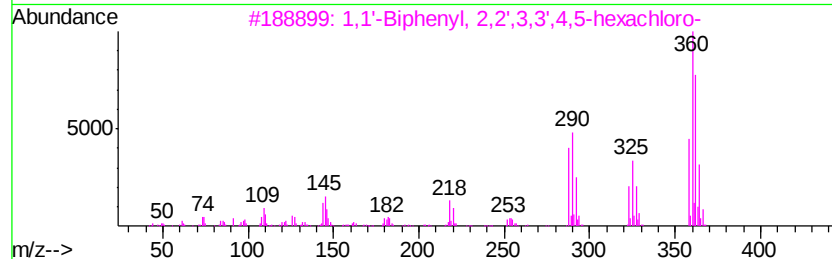
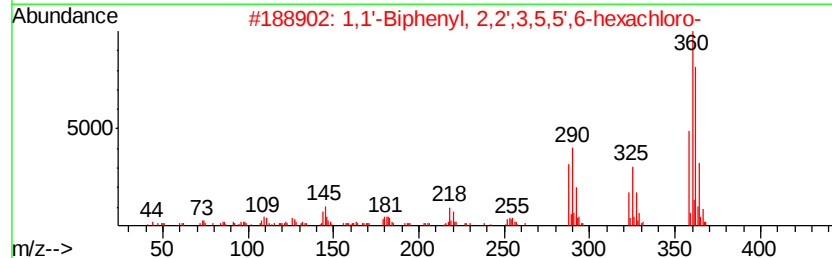
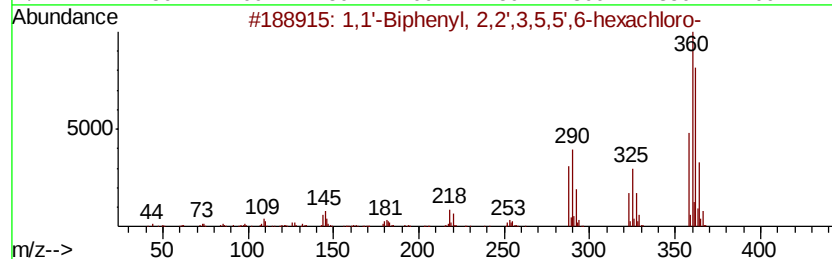
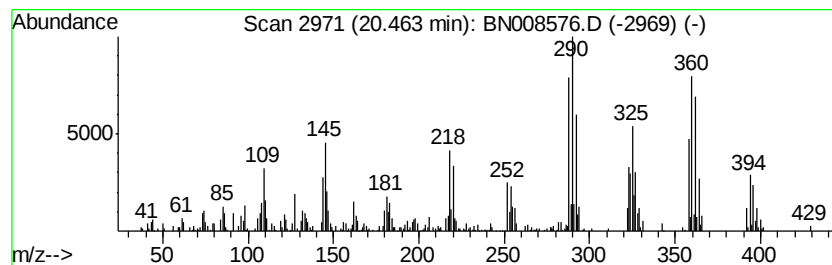
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	3.20 ng/ul	696297	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
2		1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
3		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5		2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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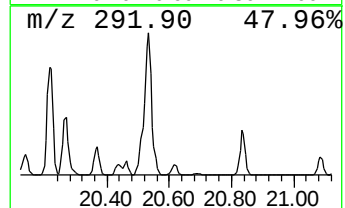
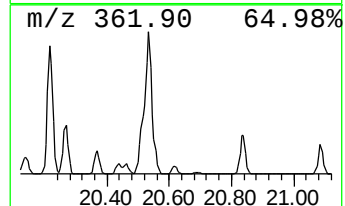
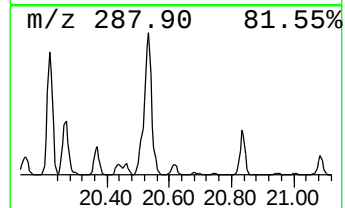
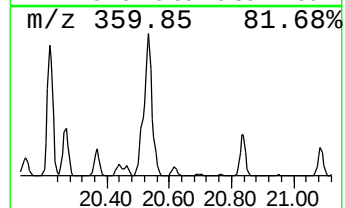
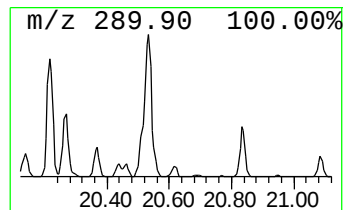
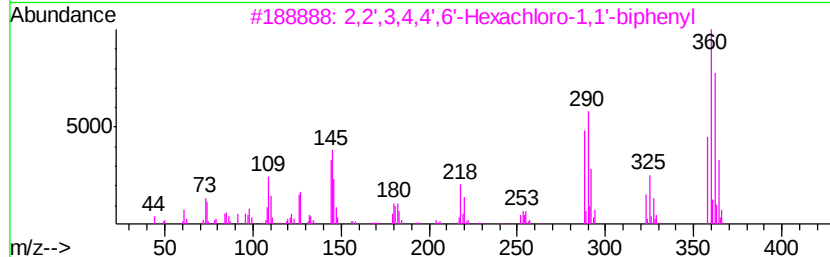
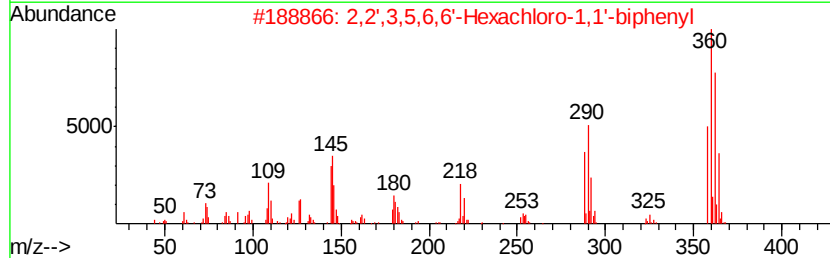
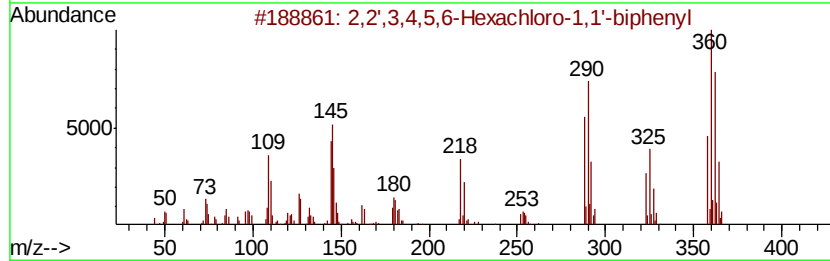
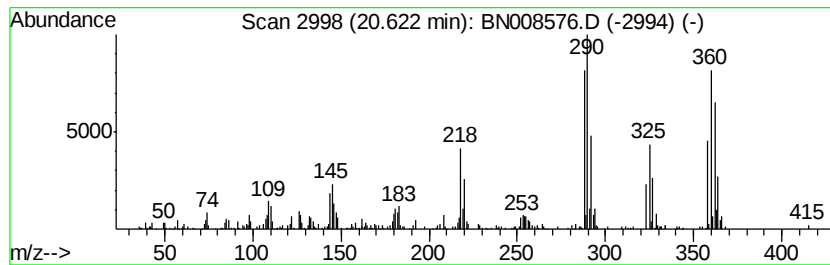
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	2.70 ng/ul	587297	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2		2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
3		2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4		2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
5		1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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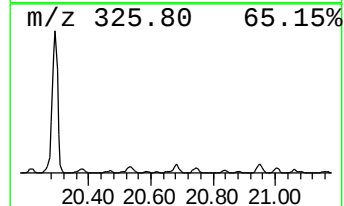
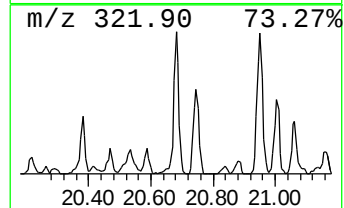
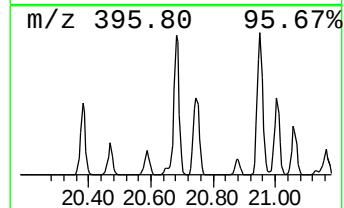
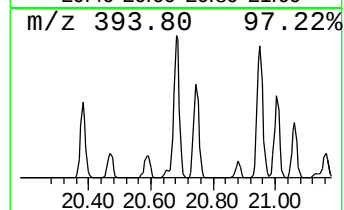
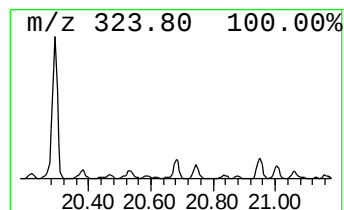
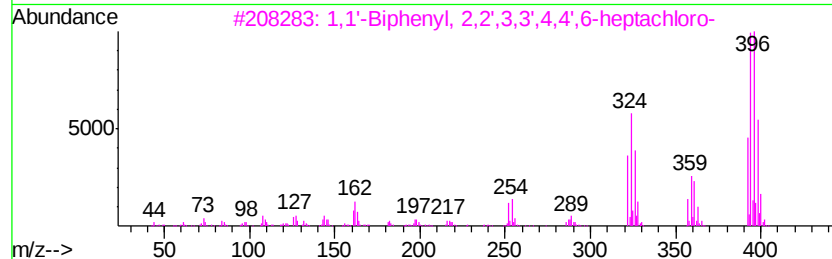
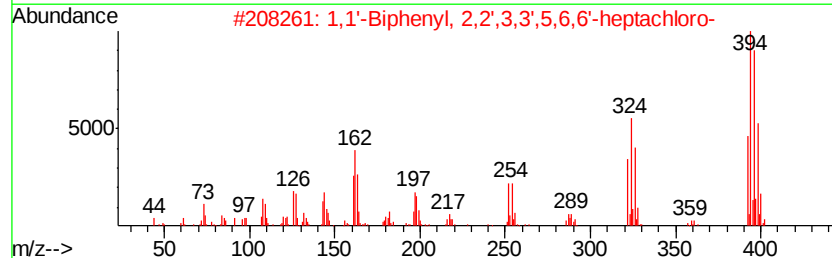
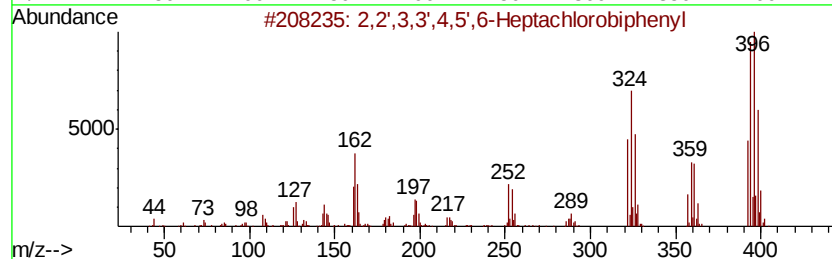
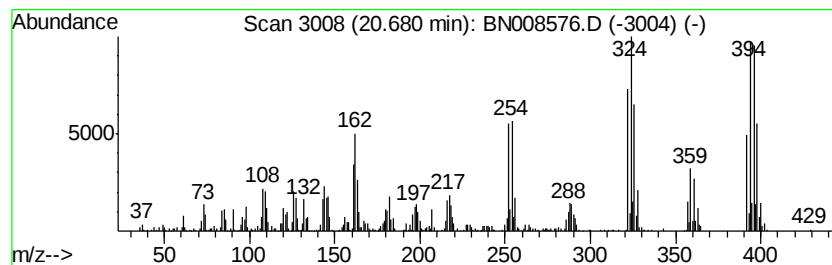
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	4.90 ng/ul	1065220	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
2	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99		
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99		
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99		
5	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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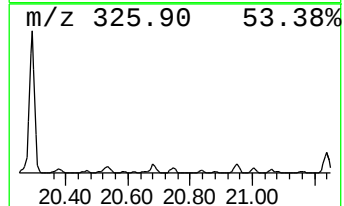
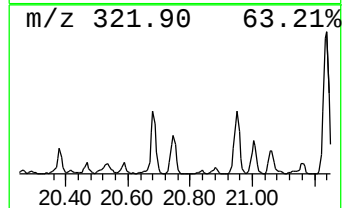
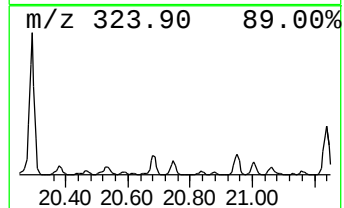
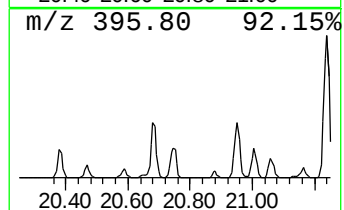
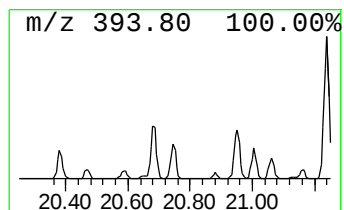
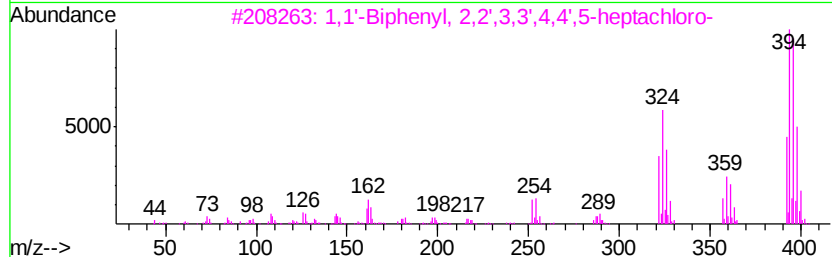
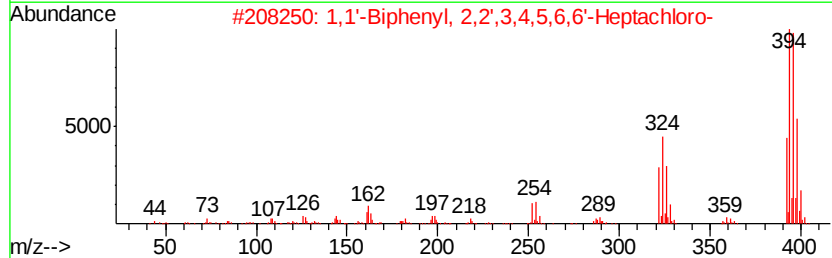
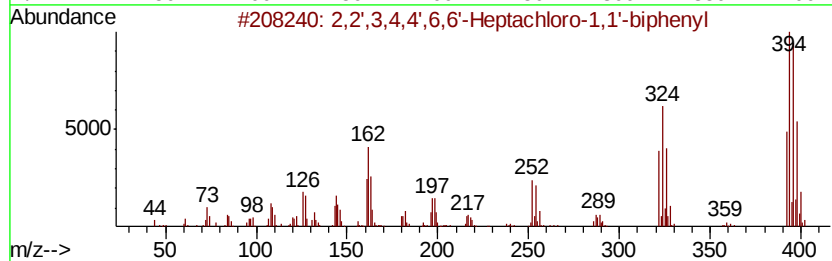
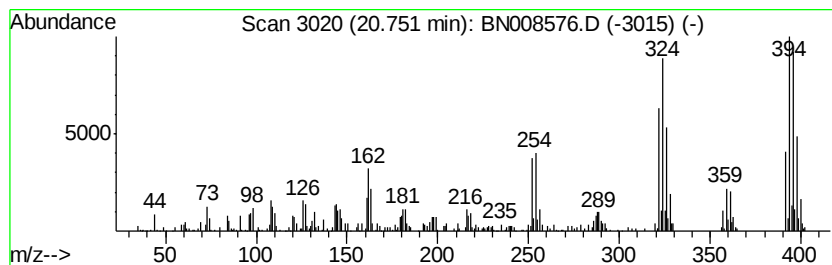
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 2,2',3,4,4',6,6'-Heptachlor... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.81 ng/ul	610714	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99		
2	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99		
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99		
4	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99		
5	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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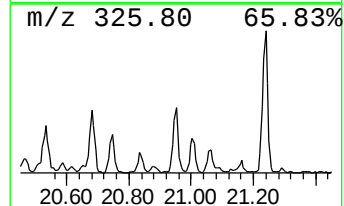
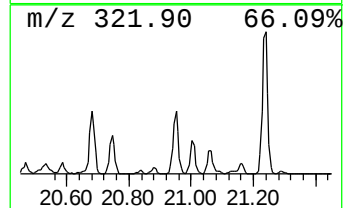
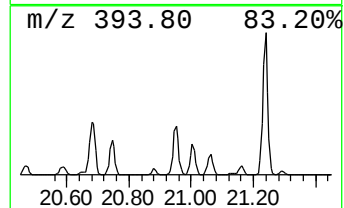
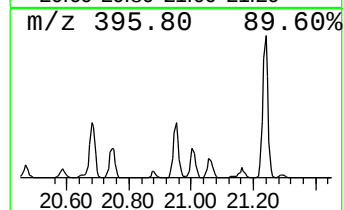
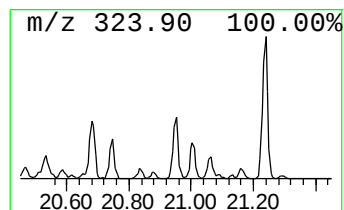
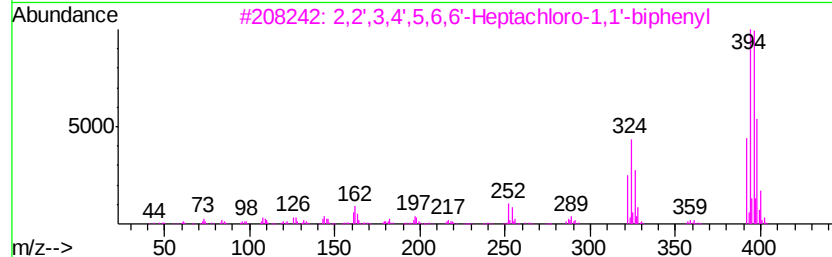
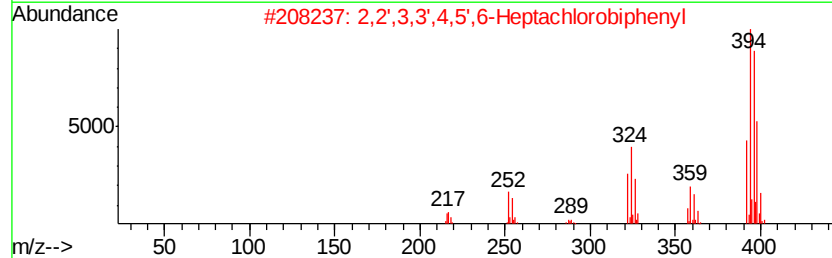
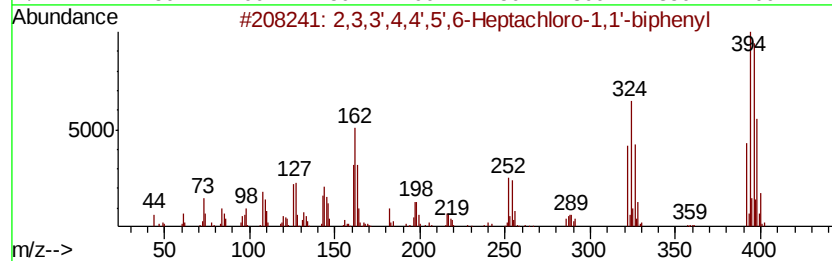
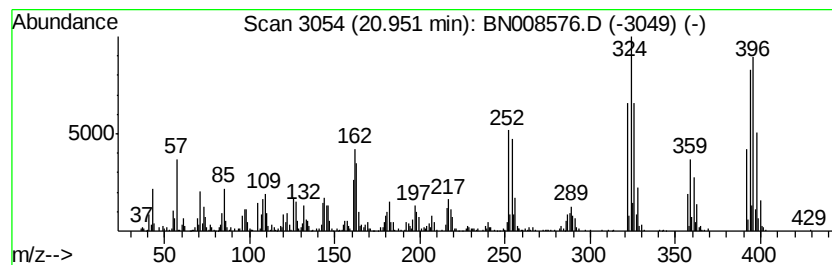
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 2,3,3',4,4',5',6-Heptachlor... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.72 ng/ul	1243240	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99		
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
3	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99		
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99		
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
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Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

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ClientSampleId :
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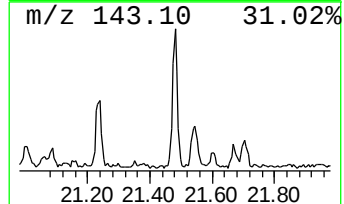
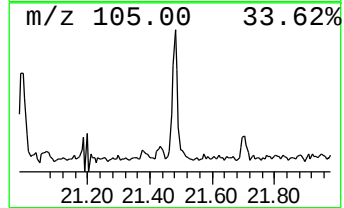
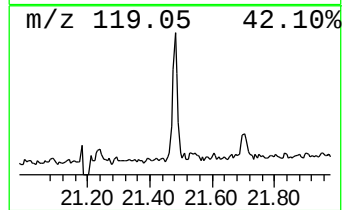
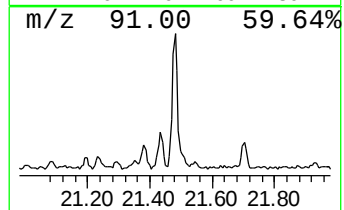
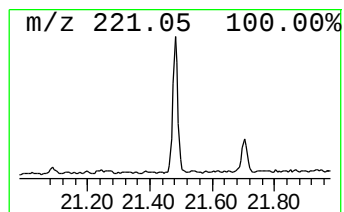
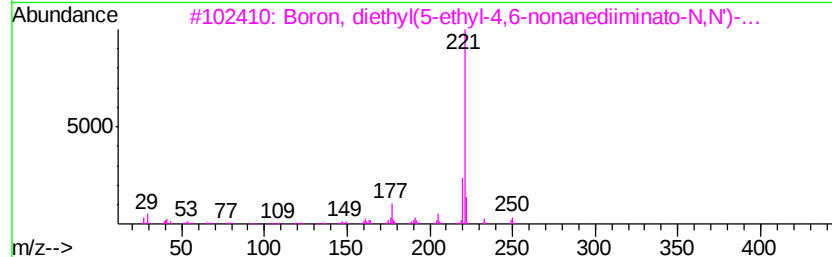
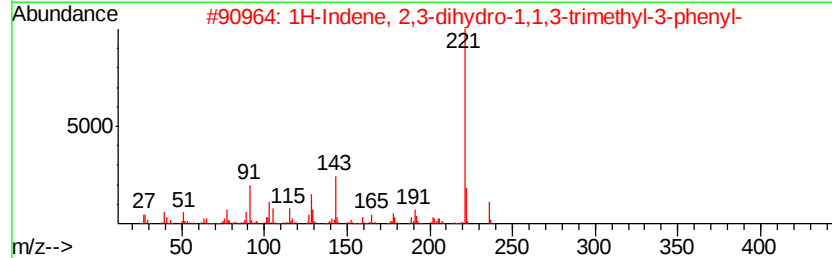
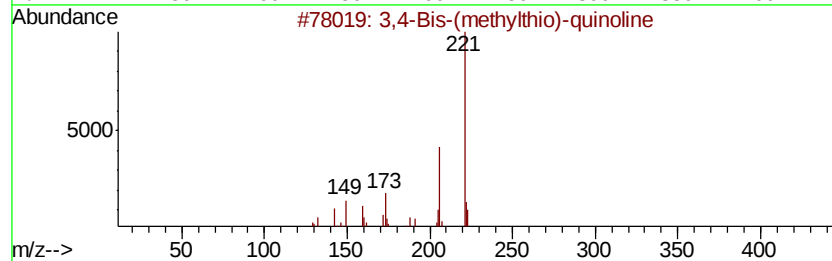
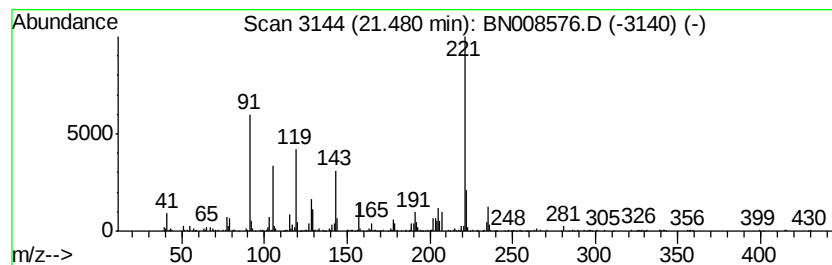
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 3,4-Bis-(methylthio)-quinoline Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	3.47 ng/ul	754346	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	53
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	47
3			Boron, diethyl(5-ethyl-4,6-nonan...	250	C15H31BN2	136705-03-8	43
4			4-Hydroxy-beta-phenylcinnamonitrile	221	C15H11NO	016281-90-6	38
5			2,6-Piperidinedione, 4-[[2-butyl...	347	C19H30BN04	055429-44-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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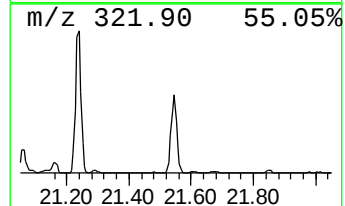
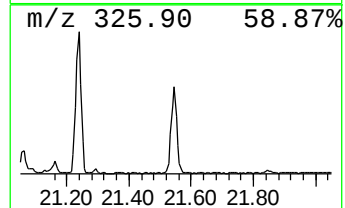
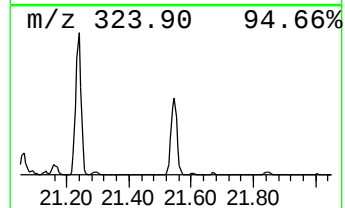
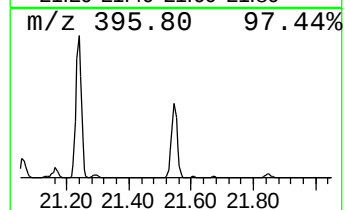
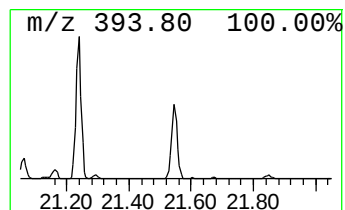
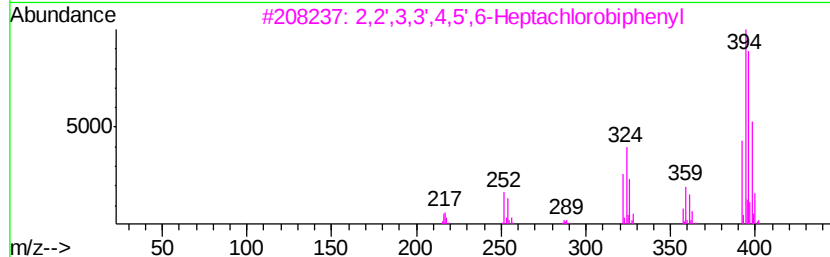
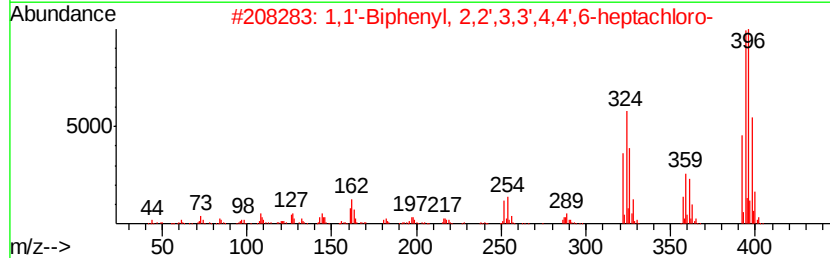
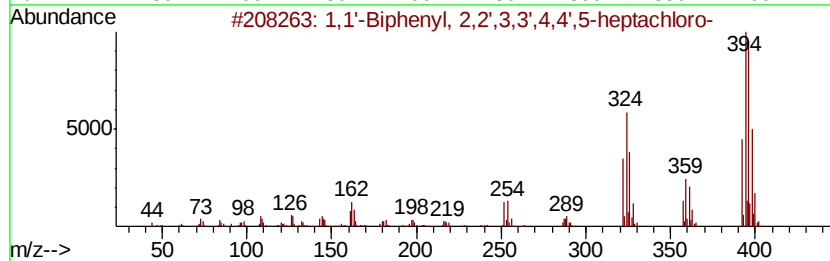
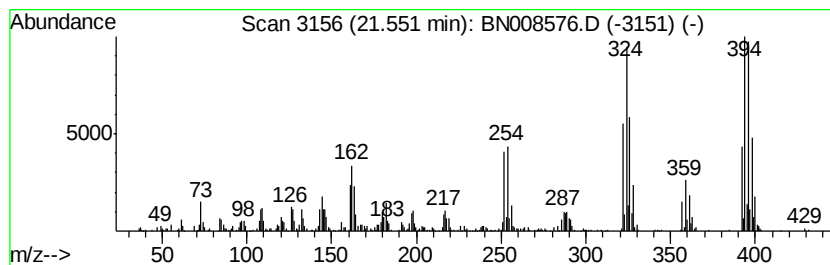
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	6.45 ng/ul	1403100	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
2	1,1'	-Biphenyl,	2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
3	2,2',3,3',4,5',6-Heptachlorobiph...			392	C12H3Cl7	040186-70-7	99
4	1,1'-Biphenyl,	2,3,3',4,4',5,6-H...		392	C12H3Cl7	041411-64-7	99
5	1,1'-Biphenyl,	2,2',3,4',5,5',6-...		392	C12H3Cl7	052663-68-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008576.D
Acq On : 15 Nov 2019 03:32
Operator : JU
Sample : K5819-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ9

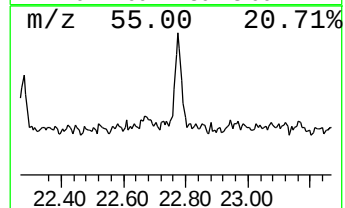
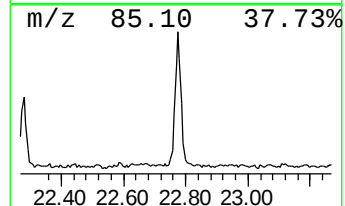
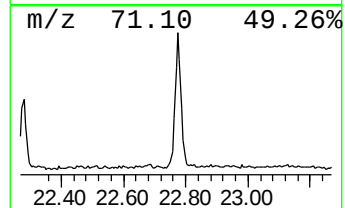
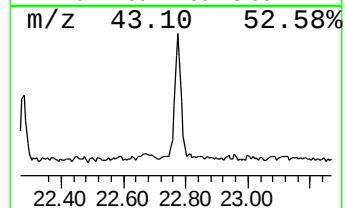
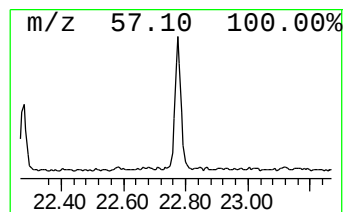
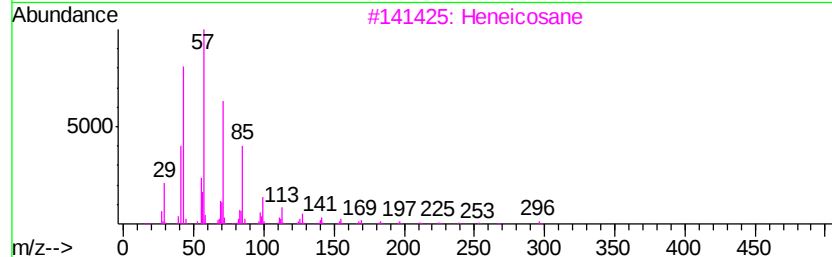
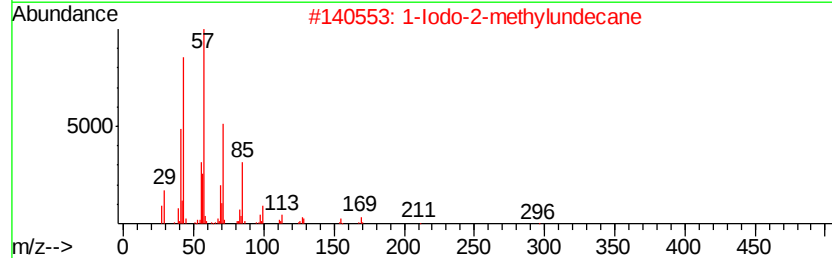
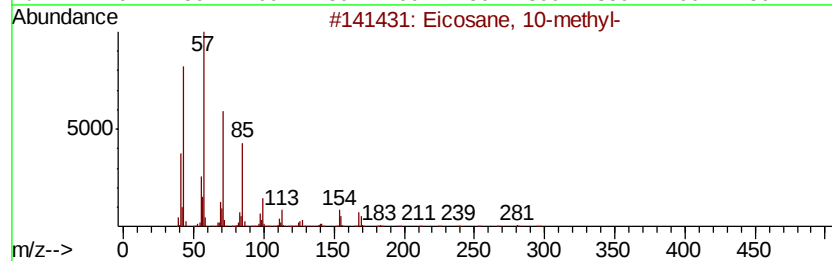
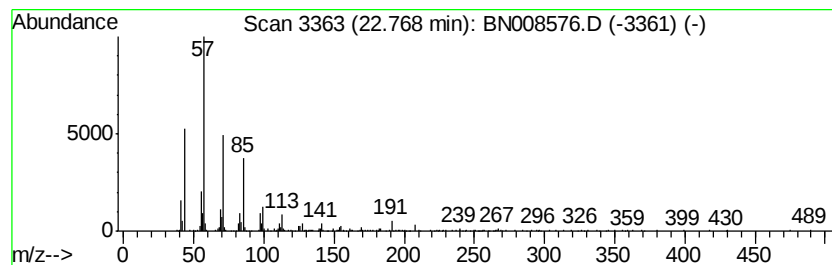
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.85 ng/ul	607716	Perylene-d12	23.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
3			Heneicosane	296	C21H44	000629-94-7	92
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
 Data File : BN008576.D
 Acq On : 15 Nov 2019 03:32
 Operator : JU
 Sample : K5819-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.16	7.8	ng/ul	1072850	1	7.63	2731890	20.0
1,1'-Biphenyl, 2'...	17.61	2.7	ng/ul	690374	4	17.00	5089590	20.0
1,1'-Biphenyl, 2,...	18.08	31.1	ng/ul	7919890	4	17.00	5089590	20.0
1,1'-Biphenyl, 2,...	18.14	7.1	ng/ul	1795900	4	17.00	5089590	20.0
2,3,3',6-Tetrachl...	18.54	4.3	ng/ul	1108220	4	17.00	5089590	20.0
1,1'-Biphenyl, 2,...	18.85	5.4	ng/ul	1376720	4	17.00	5089590	20.0
1,1'-Biphenyl, 2,...	18.91	13.6	ng/ul	3465880	4	17.00	5089590	20.0
1,1'-Biphenyl, 2,...	18.94	46.3	ng/ul	11786200	4	17.00	5089590	20.0
1,1'-Biphenyl, 2,...	19.02	6.0	ng/ul	1531310	4	17.00	5089590	20.0
1,1'-Biphenyl, 2,...	19.15	15.5	ng/ul	3375300	5	21.19	4347500	20.0
1,1'-Biphenyl, 2,...	19.22	78.3	ng/ul	17025700	5	21.19	4347500	20.0
2,3,3',5,6-Pentac...	19.41	3.4	ng/ul	736111	5	21.19	4347500	20.0
3,3',4,5,5'-Penta...	19.67	73.2	ng/ul	15910800	5	21.19	4347500	20.0
2,3,3',4,5',6-Hex...	19.80	14.9	ng/ul	3239770	5	21.19	4347500	20.0
1,1'-Biphenyl, 2,...	19.84	6.8	ng/ul	1489160	5	21.19	4347500	20.0
1,1'-Biphenyl, 2,...	19.93	35.9	ng/ul	7792310	5	21.19	4347500	20.0
1,1'-Biphenyl, 2,...	20.06	3.8	ng/ul	831524	5	21.19	4347500	20.0
2,2',3,4',5,6-Hex...	20.14	9.0	ng/ul	1963540	5	21.19	4347500	20.0
2,3',4,4',5',6-He...	20.22	37.3	ng/ul	8117120	5	21.19	4347500	20.0
2,2',3,3',5,6-Hex...	20.27	18.1	ng/ul	3927940	5	21.19	4347500	20.0
3,3',4,4',5-Pent...	20.29	24.0	ng/ul	5224460	5	21.19	4347500	20.0
1,1'-Biphenyl, 2,...	20.44	4.0	ng/ul	867891	5	21.19	4347500	20.0
1,1'-Biphenyl, 2,...	20.46	3.2	ng/ul	696297	5	21.19	4347500	20.0
2,2',3,4,5,6-Hexa...	20.62	2.7	ng/ul	587297	5	21.19	4347500	20.0
2,2',3,3',4,5',6-...	20.68	4.9	ng/ul	1065220	5	21.19	4347500	20.0
2,2',3,4,4',6,6'-...	20.75	2.8	ng/ul	610714	5	21.19	4347500	20.0
2,3,3',4,4',5',6-...	20.95	5.7	ng/ul	1243240	5	21.19	4347500	20.0
2,2',3,5,6,6'-Hex...	21.09	6.3	ng/ul	1360390	5	21.19	4347500	20.0
3,4-Bis-(methylth...	21.48	3.5	ng/ul	754346	5	21.19	4347500	20.0
1,1'-Biphenyl, 2,...	21.55	6.5	ng/ul	1403100	5	21.19	4347500	20.0
(DEL) Alkane: Str...	22.77	2.9	ng/ul	607716	6	23.37	4260880	20.0