

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023900.D
 Acq On : 02 Feb 2023 12:10
 Operator : CG/JU
 Sample : 01362-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4488

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\SFAM-EPA-BN020123.M
 Title : SVOA CALIBRATION

Signal : TIC: BN023900.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.664	95	98	112	rBV	561350	816598	0.54%	0.092%
2	6.328	543	551	557	rVB	115440	174783	0.12%	0.020%
3	7.022	658	669	673	rBV	783755	1211577	0.81%	0.137%
4	7.063	673	676	685	rVB	211666	325240	0.22%	0.037%
5	7.187	690	697	709	rBV	642524	956360	0.64%	0.108%
6	7.381	723	730	740	rBV	818587	1246309	0.83%	0.141%
7	7.493	740	749	756	rVB	184473	285411	0.19%	0.032%
8	7.852	800	810	814	rBV	725423	1212796	0.81%	0.137%
9	7.887	814	816	825	rVV2	350821	477359	0.32%	0.054%
10	8.569	927	932	941	rVB	870352	1364362	0.91%	0.154%
11	9.022	1003	1009	1015	rVV	700514	1115726	0.74%	0.126%
12	9.540	1092	1097	1105	rVB	107185	167393	0.11%	0.019%
13	9.746	1122	1132	1144	rBV	593383	965805	0.64%	0.109%
14	10.281	1217	1223	1233	rVB	862428	1412781	0.94%	0.160%
15	10.657	1275	1287	1293	rVV	848862	1464714	0.97%	0.166%
16	10.804	1305	1312	1321	rVB	786096	1272028	0.85%	0.144%
17	12.857	1656	1661	1666	rBV	1062353	1357550	0.90%	0.154%
18	12.916	1666	1671	1676	rVB	1891090	2434023	1.62%	0.276%
19	12.998	1682	1685	1689	rVB	166974	208203	0.14%	0.024%
20	13.151	1705	1711	1715	rBV	1719334	2299896	1.53%	0.260%
21	13.187	1715	1717	1722	rVV	345810	386314	0.26%	0.044%
22	13.340	1733	1743	1747	rVV2	3979484	7512233	4.99%	0.851%
23	13.375	1747	1749	1758	rVB	572860	655418	0.44%	0.074%
24	13.916	1836	1841	1857	rBV	886063	1587603	1.06%	0.180%
25	14.198	1883	1889	1894	rBV	1488116	2092444	1.39%	0.237%
26	14.398	1917	1923	1929	rBV	465286	601312	0.40%	0.068%
27	14.481	1929	1937	1938	rBV	1105789	1432744	0.95%	0.162%
28	14.504	1938	1941	1942	rVV2	1616067	1993585	1.32%	0.226%
29	14.534	1942	1946	1951	rVV	3864483	5379455	3.57%	0.609%
30	14.593	1951	1956	1959	rVV	1360633	2104799	1.40%	0.238%
31	14.628	1959	1962	1974	rVV	4734096	7097101	4.72%	0.804%
32	14.716	1974	1977	1986	rVB	148234	219215	0.15%	0.025%
33	14.822	1988	1995	2005	rBV7	102886	348458	0.23%	0.039%
34	15.351	2077	2085	2099	rBV	2420058	9827048	6.53%	1.113%
35	15.463	2099	2104	2108	rBV	2190853	5006504	3.33%	0.567%
36	15.563	2115	2121	2142	rVB	4748380	22348503	14.85%	2.530%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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 Title : SVOA CALIBRATION

37	15.722	2142	2148	2151	rBV	3127077	6285126	4.18%	0.712%
38	15.881	2151	2175	2176	rBV4	25159315	150479445	100.00%	17.037%
39	16.034	2195	2201	2204	rBV3	277442	549944	0.37%	0.062%
40	16.198	2211	2229	2230	rBV2	28663710	125454469	83.37%	14.204%
41	16.275	2237	2242	2247	rVB	4328047	5127546	3.41%	0.581%
42	16.351	2249	2255	2260	rVV	2955904	5155555	3.43%	0.584%
43	16.410	2260	2265	2275	rVV4	7027296	14865671	9.88%	1.683%
44	16.534	2275	2286	2301	rVV	22459930	55604051	36.95%	6.295%
45	16.645	2301	2305	2317	rVB2	932684	1803017	1.20%	0.204%
46	16.810	2322	2333	2340	rBV	6840169	14996218	9.97%	1.698%
47	16.875	2340	2344	2356	rVB	2810096	5934419	3.94%	0.672%
48	17.063	2370	2376	2384	rVB4	155684	373523	0.25%	0.042%
49	17.198	2384	2399	2406	rBV	14501699	46716735	31.05%	5.289%
50	17.269	2406	2411	2425	rVV4	6397366	21912113	14.56%	2.481%
51	17.381	2425	2430	2435	rVB	695962	1217938	0.81%	0.138%
52	17.457	2435	2443	2457	rVB	9291362	22467563	14.93%	2.544%
53	17.604	2463	2468	2470	rBV	288933	440785	0.29%	0.050%
54	17.728	2482	2489	2491	rBV2	3590090	6578615	4.37%	0.745%
55	17.892	2505	2517	2529	rBV3	22658002	77507592	51.51%	8.775%
56	18.010	2529	2537	2545	rVV2	10923466	25606812	17.02%	2.899%
57	18.069	2545	2547	2551	rVV	1435571	2182652	1.45%	0.247%
58	18.128	2551	2557	2563	rVV	7630156	17444188	11.59%	1.975%
59	18.181	2563	2566	2579	rVB	3106198	6116390	4.06%	0.692%
60	18.286	2579	2584	2588	rBV	561476	1162443	0.77%	0.132%
61	18.345	2588	2594	2600	rVV	6482866	15655522	10.40%	1.772%
62	18.404	2600	2604	2608	rVV	6581268	14730678	9.79%	1.668%
63	18.451	2608	2612	2630	rVB	8997273	19827952	13.18%	2.245%
64	18.628	2635	2642	2647	rBV3	4419366	10940826	7.27%	1.239%
65	18.669	2647	2649	2655	rVB2	2139006	3368828	2.24%	0.381%
66	18.733	2655	2660	2662	rBV	3154330	5275072	3.51%	0.597%
67	18.763	2663	2665	2668	rVV2	2439590	3469519	2.31%	0.393%
68	18.804	2668	2672	2684	rVB	6756892	15481723	10.29%	1.753%
69	18.904	2684	2689	2697	rVB2	1013288	2010253	1.34%	0.228%
70	18.975	2697	2701	2707	rVB2	333154	614737	0.41%	0.070%
71	19.045	2708	2713	2718	rBV3	283102	576084	0.38%	0.065%
72	19.110	2718	2724	2728	rBV	2173068	4403205	2.93%	0.499%
73	19.163	2728	2733	2735	rBV	2408572	4075812	2.71%	0.461%
74	19.269	2748	2751	2760	rVB	378666	755119	0.50%	0.085%
75	19.380	2766	2770	2771	rBV	275177	346788	0.23%	0.039%
76	19.463	2781	2784	2792	rVB3	424453	858894	0.57%	0.097%

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77	19.663	2812	2818	2829	rBV	980625	2805924	1.86%	0.318%
78	20.010	2873	2877	2890	rVB	207125	521630	0.35%	0.059%
79	21.157	3066	3072	3073	rBV2	3377102	5349243	3.55%	0.606%
80	21.392	3102	3112	3113	rBV	22757714	59748676	39.71%	6.765%
81	21.674	3158	3160	3162	rBV	352116	340980	0.23%	0.039%
82	21.698	3162	3164	3171	rVB	581686	627080	0.42%	0.071%
83	21.857	3188	3191	3198	rVB	568605	724525	0.48%	0.082%
84	22.610	3316	3319	3326	rVB	345974	461618	0.31%	0.052%
85	23.733	3504	3510	3517	rBV	1619127	3104441	2.06%	0.351%
86	23.874	3529	3534	3539	rVB2	1034542	1834060	1.22%	0.208%

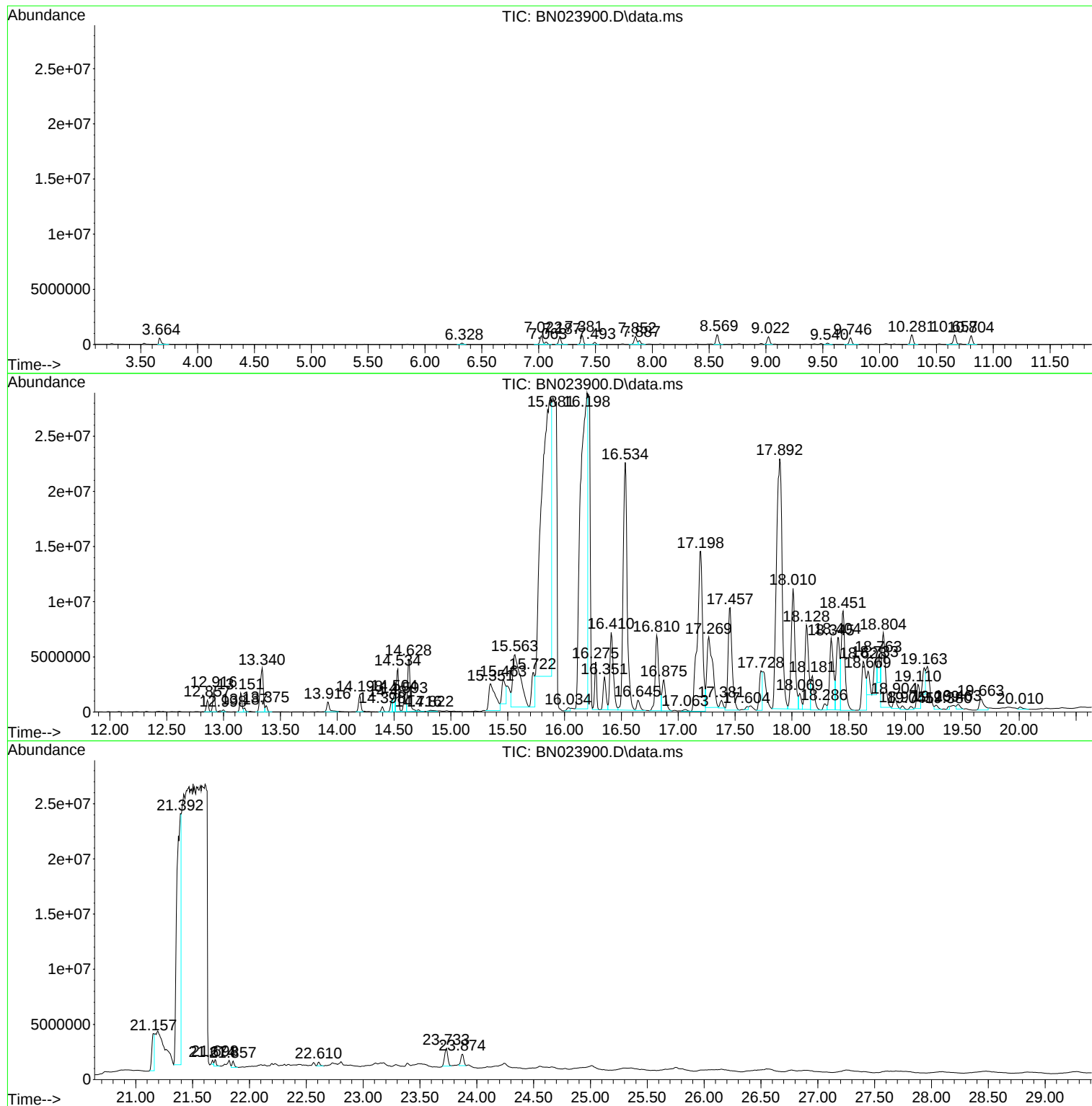
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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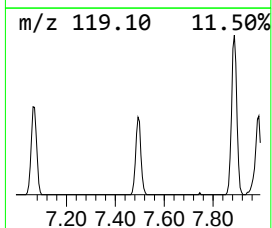
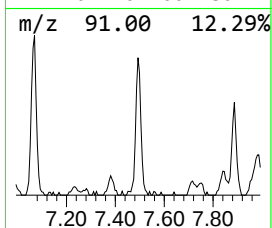
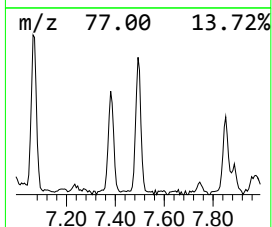
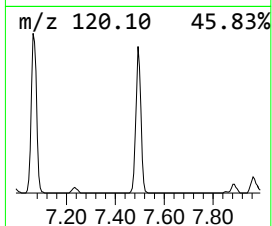
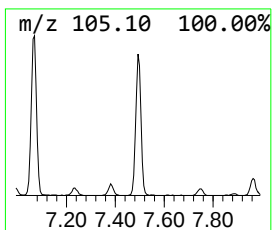
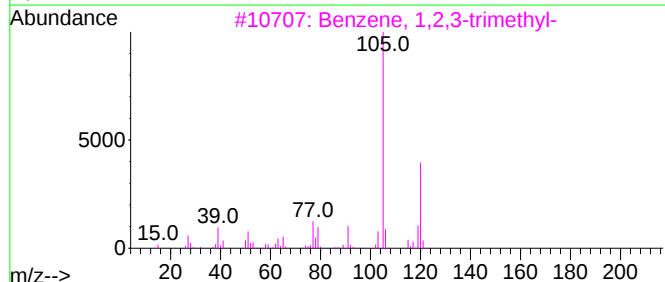
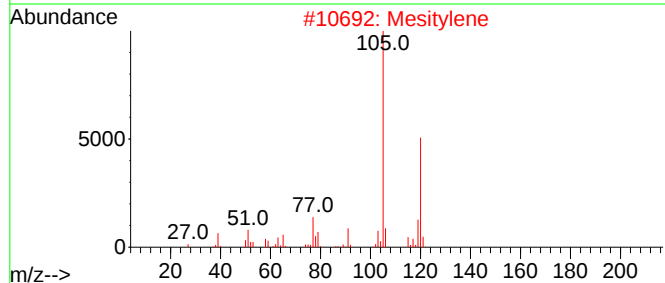
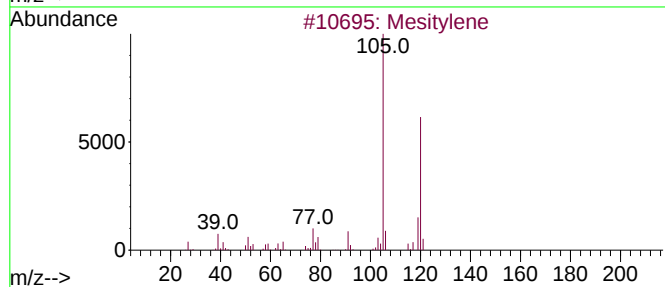
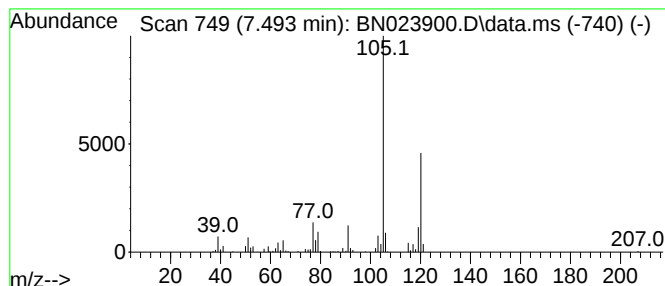
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Mesitylene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.493	4.71 ng/ul	285411	1,4-Dichlorobenzene-d4	7.852

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Mesitylene	120	C9H12	000108-67-8	97
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



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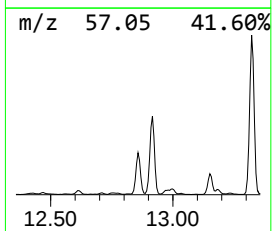
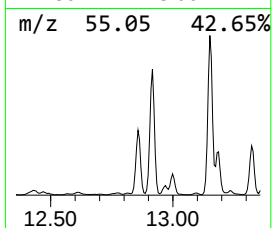
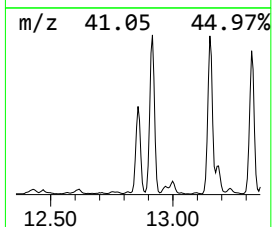
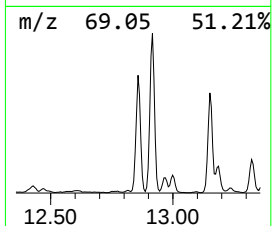
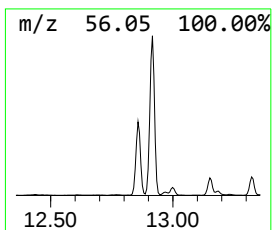
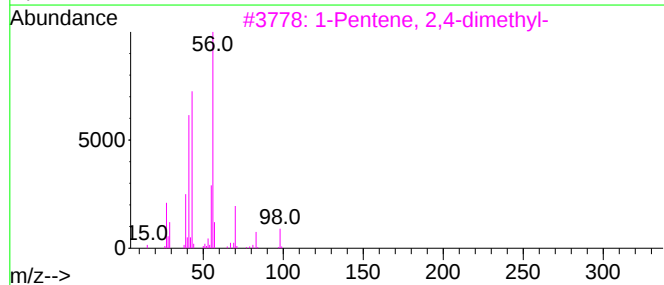
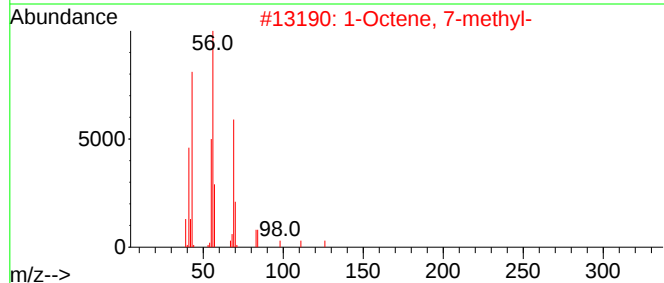
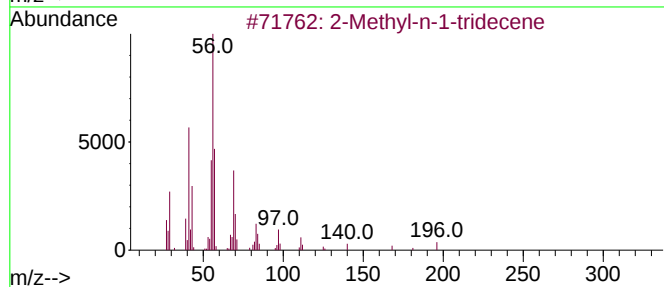
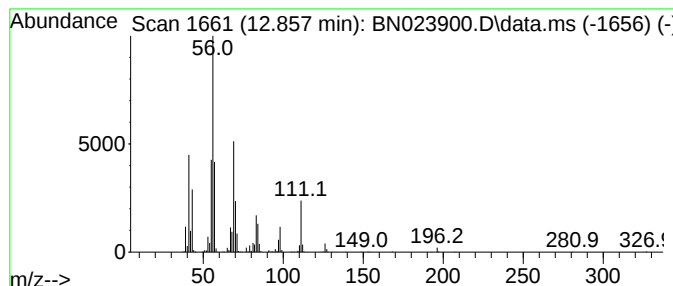
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.857	13.62 ng/ul	1357550	Acenaphthene-d10	14.504	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	64
2	1-Octene, 7-methyl-	126	C9H18	013151-06-9	62
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	52
4	Cyclobutane, 1,2-diethyl-, trans-	112	C8H16	019341-98-1	50
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	50



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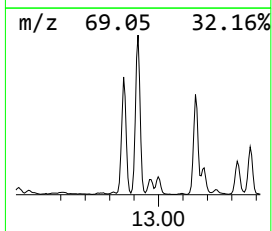
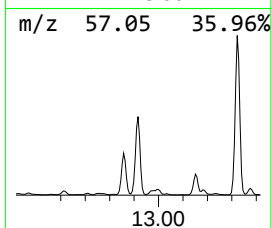
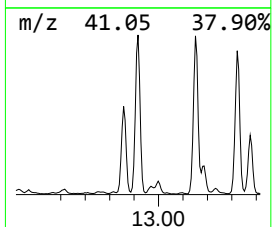
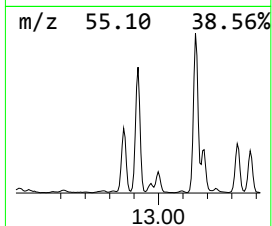
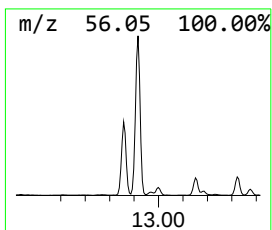
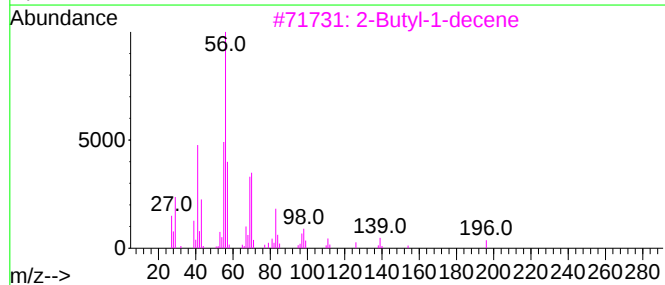
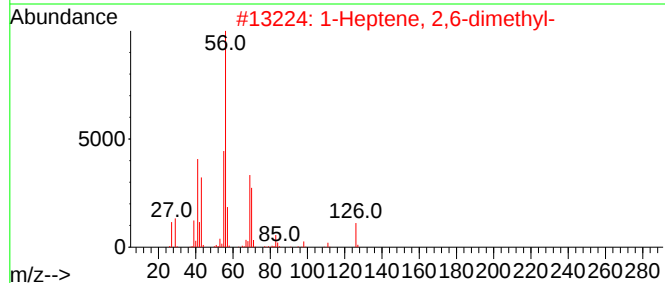
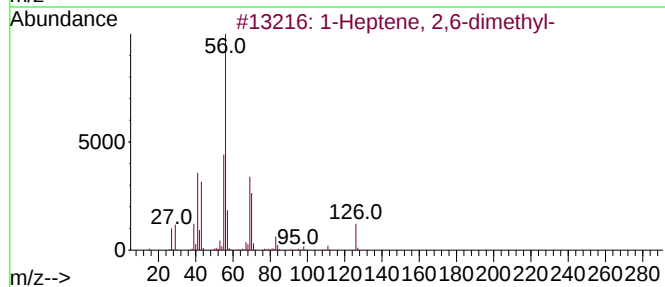
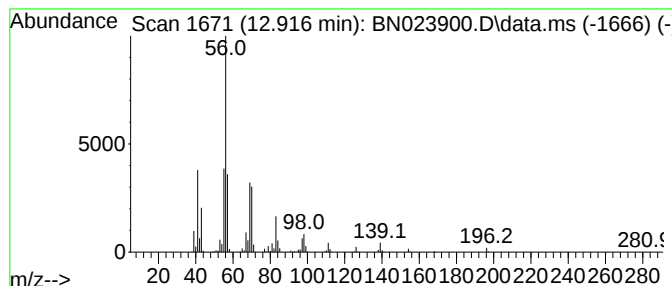
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.916	24.42 ng/ul	2434020	Acenaphthene-d10		14.504	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Heptene, 2,6-dimethyl-		126	C9H18	003074-78-0	64
2	1-Heptene, 2,6-dimethyl-		126	C9H18	003074-78-0	64
3	2-Butyl-1-decene		196	C14H28	051655-65-3	64
4	Cyclobutanone, 3,3-dimethyl-		98	C6H10O	001192-33-2	59
5	1-Decene, 2-methyl-		154	C11H22	013151-27-4	59



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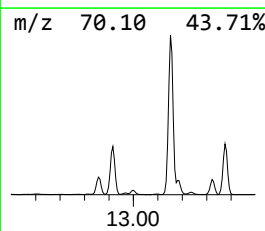
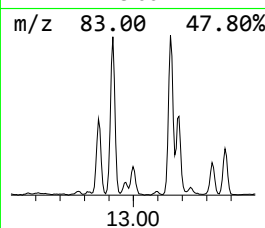
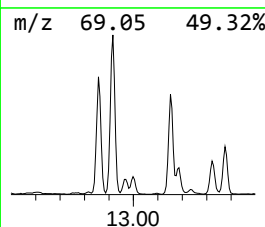
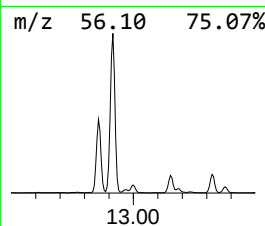
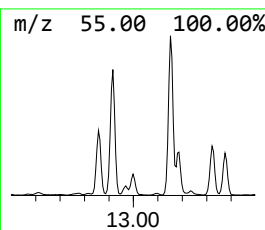
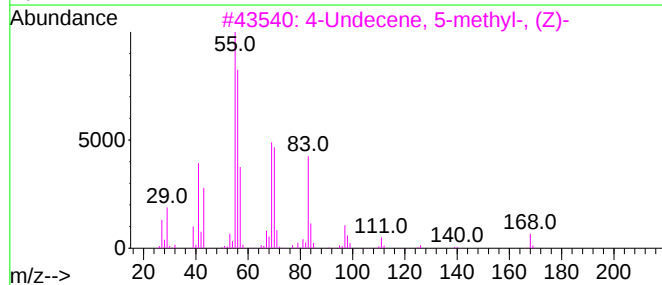
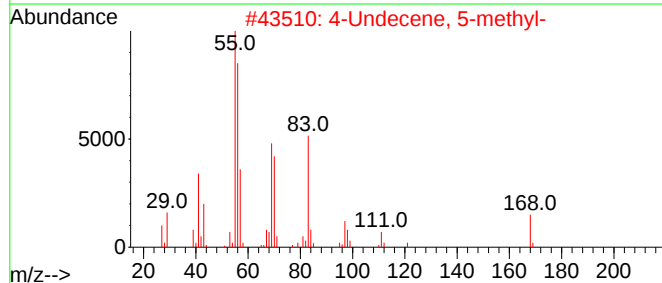
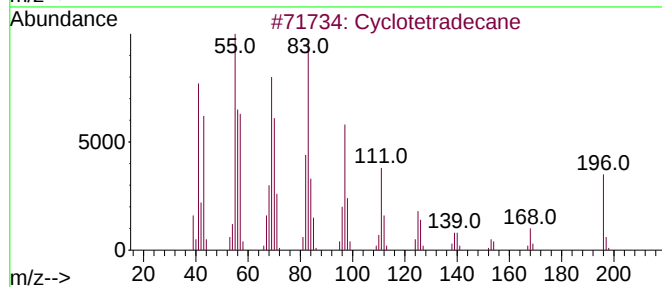
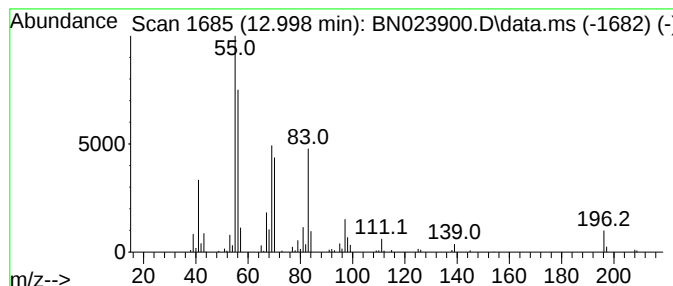
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic12.999 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.999	2.09 ng/ul	208203	Acenaphthene-d10	14.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	86
2			4-Undecene, 5-methyl-	168	C12H24	020634-43-9	78
3			4-Undecene, 5-methyl-, (Z)-	168	C12H24	074630-69-6	78
4			Nonane, 2,8-dimethyl-4-methylene-	168	C12H24	007323-15-1	64
5			Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

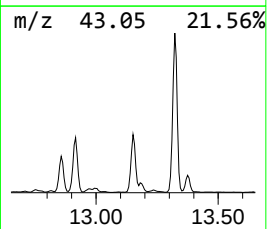
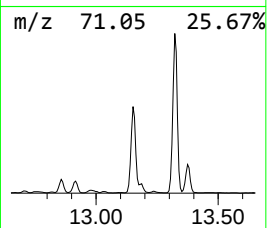
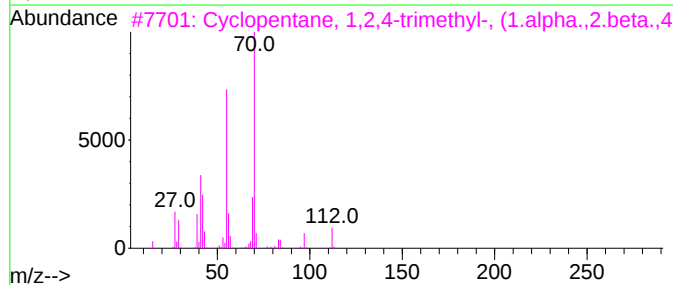
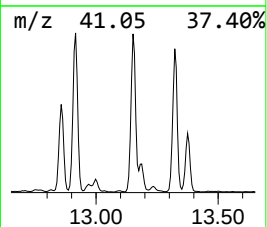
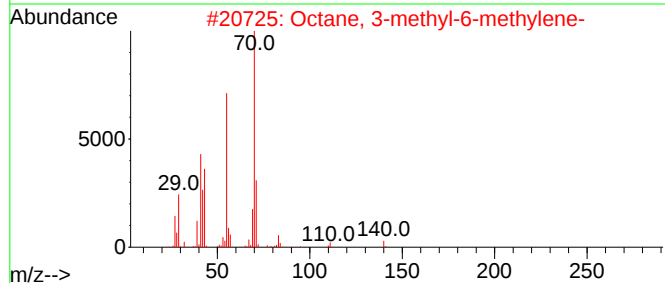
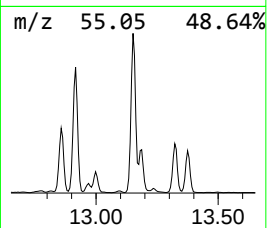
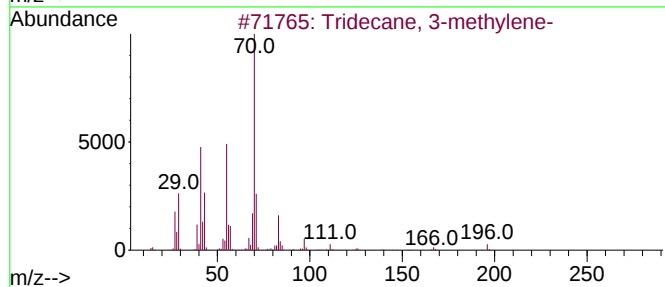
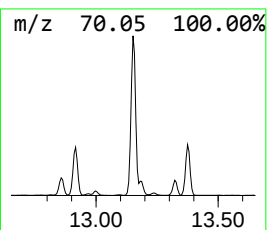
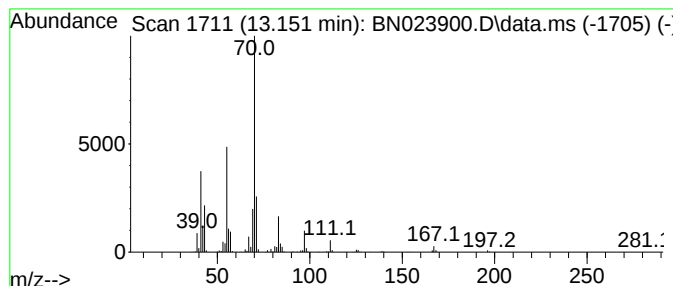
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.151	23.07 ng/ul	2299900	Acenaphthene-d10	14.504	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	90
2	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	72
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	64
4	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	64
5	2-Undecene, 3-methyl-, (E)-	168	C12H24	074630-47-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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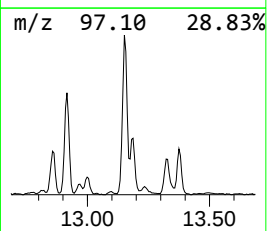
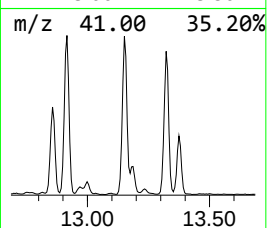
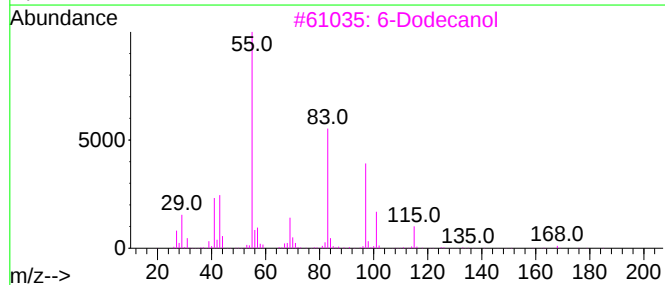
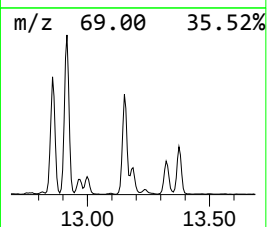
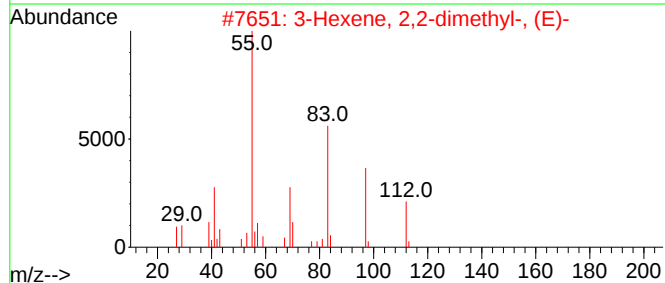
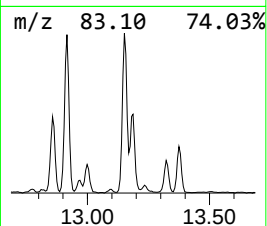
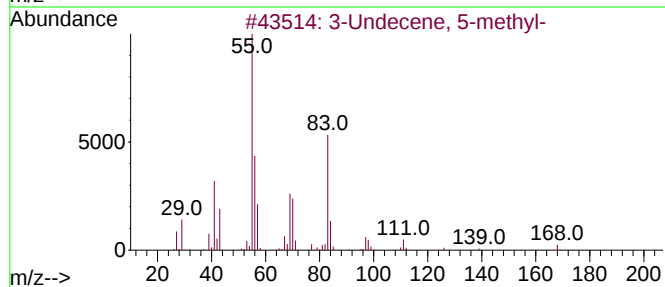
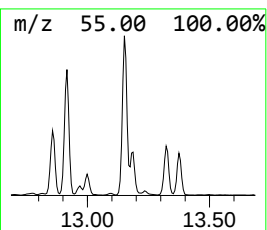
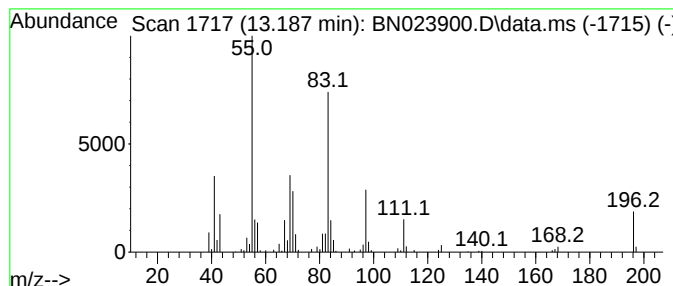
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.187	3.88 ng/ul	386314	Acenaphthene-d10	14.504

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	72
2		3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	59
3		6-Dodecanol	186	C12H26O	006836-38-0	53
4		1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	50
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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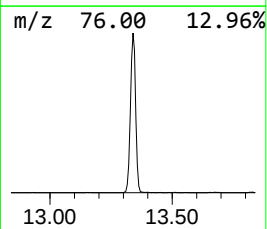
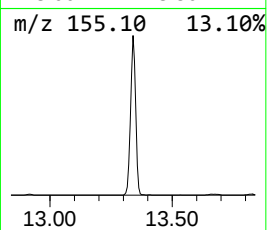
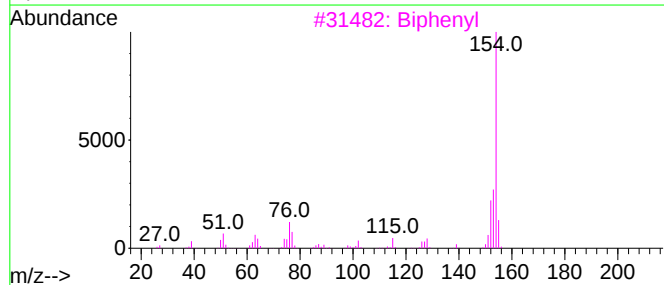
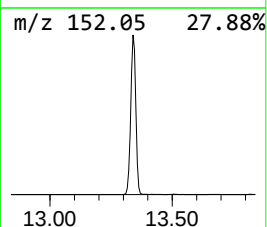
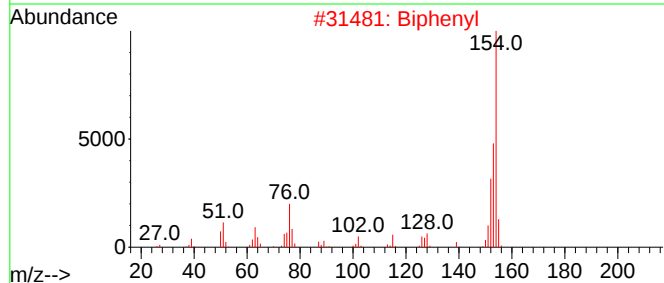
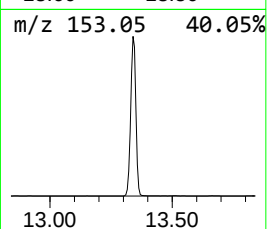
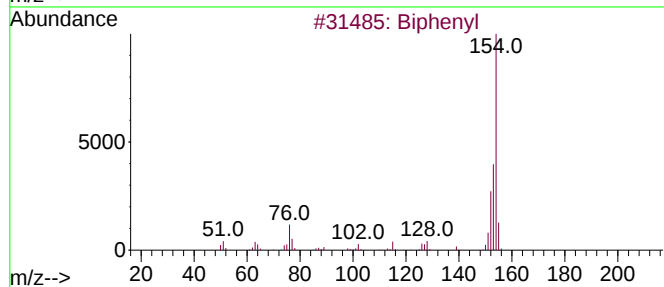
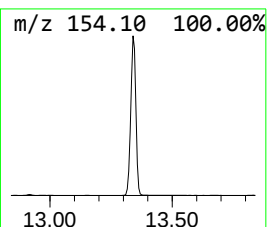
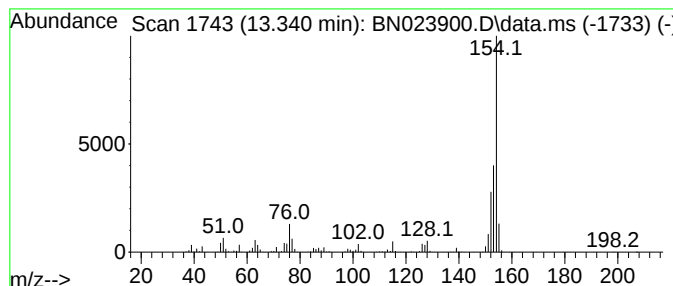
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Biphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.340	75.36 ng/ul	7512230	Acenaphthene-d10	14.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl			154	C12H10	000092-52-4	95
2	Biphenyl			154	C12H10	000092-52-4	93
3	Biphenyl			154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-			154	C12H10	000827-54-3	91
5	Naphthalene, 2-ethenyl-			154	C12H10	000827-54-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

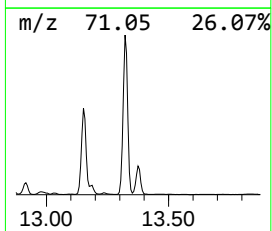
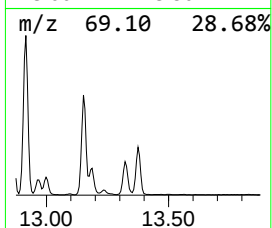
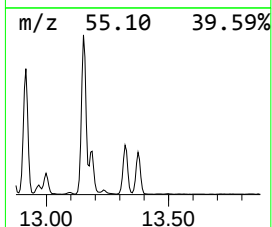
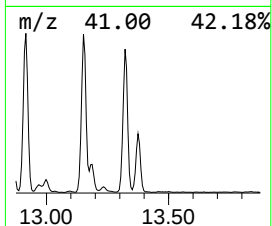
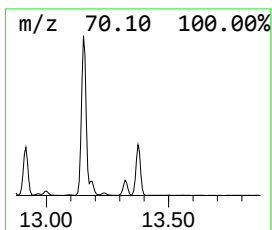
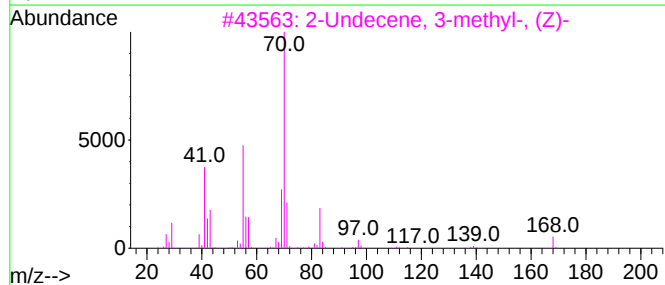
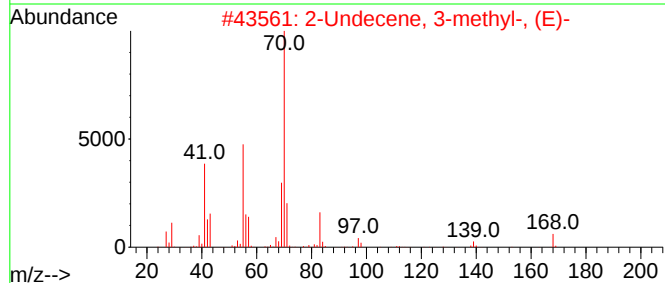
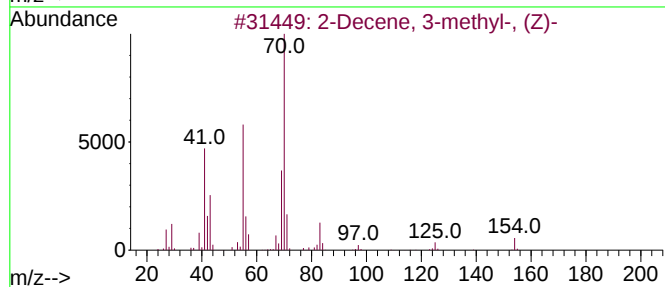
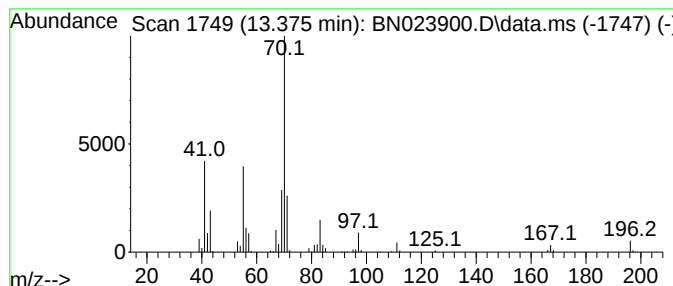
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.375	6.58 ng/ul	655418	Acenaphthene-d10			14.504
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Decene, 3-methyl-, (Z)-		154	C11H22	074630-26-5	72
2	2-Undecene, 3-methyl-, (E)-		168	C12H24	074630-47-0	64
3	2-Undecene, 3-methyl-, (Z)-		168	C12H24	057024-90-5	64
4	2-Nonene, 3-methyl-, (E)-		140	C10H20	017003-99-5	64
5	Undecane, 3-methylene-		168	C12H24	071138-64-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

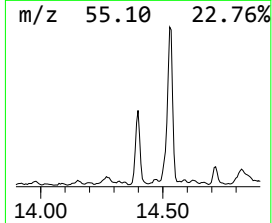
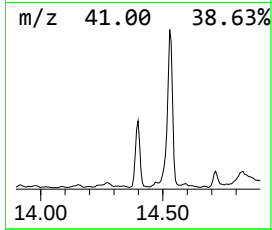
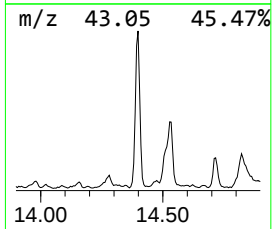
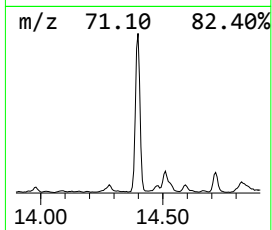
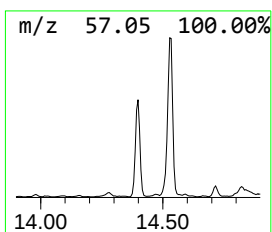
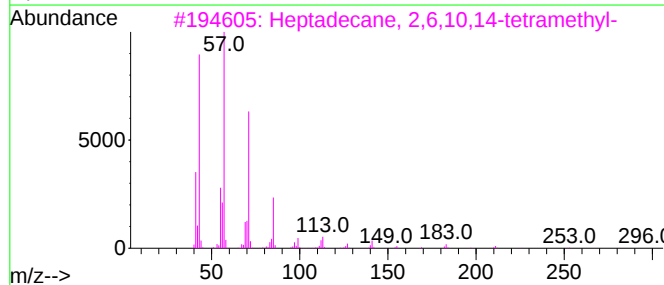
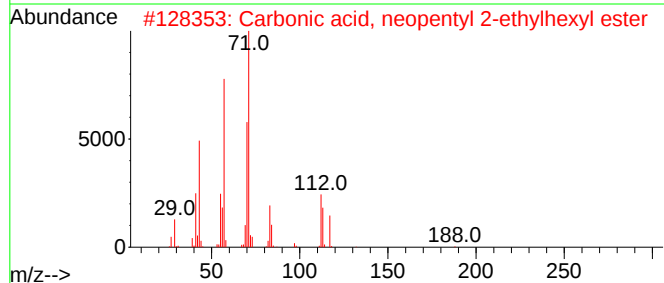
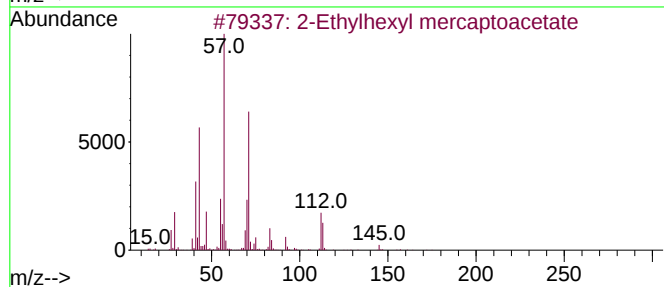
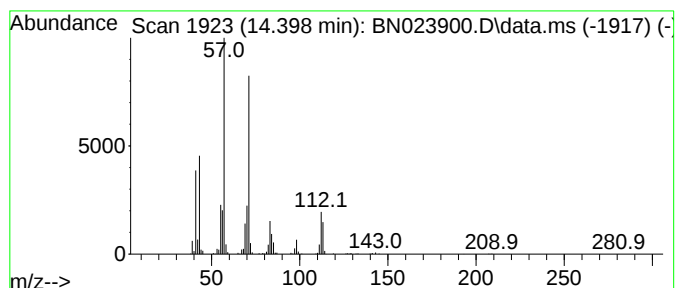
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2-Ethylhexyl mercaptoacetate Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.398	6.03 ng/ul	601312	Acenaphthene-d10	14.504	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
2	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	72
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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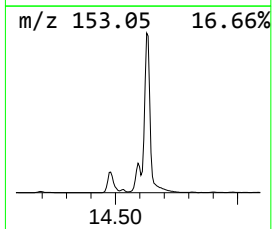
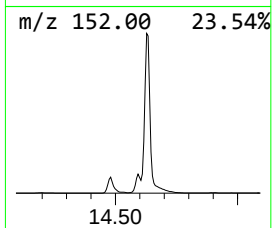
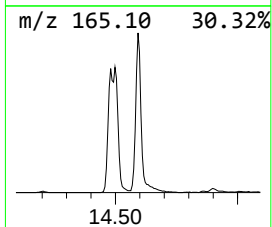
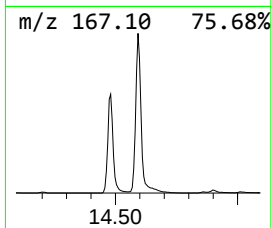
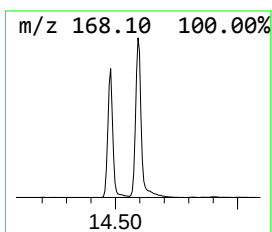
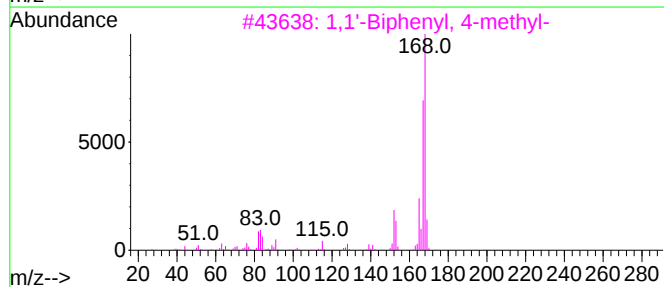
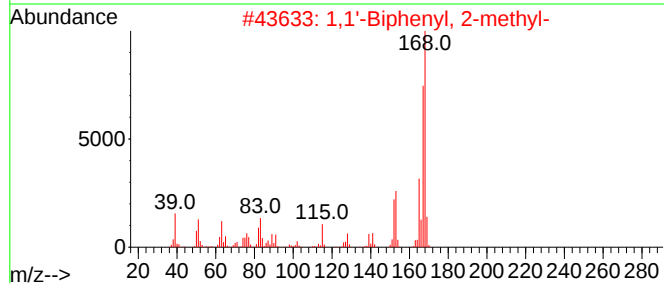
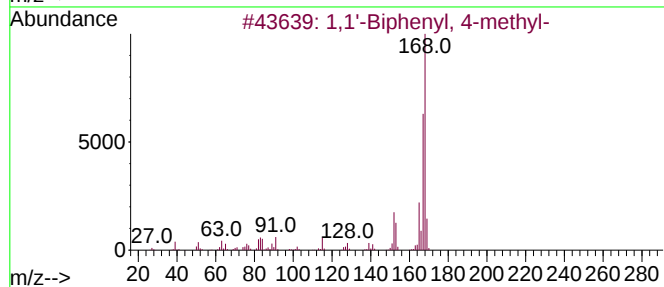
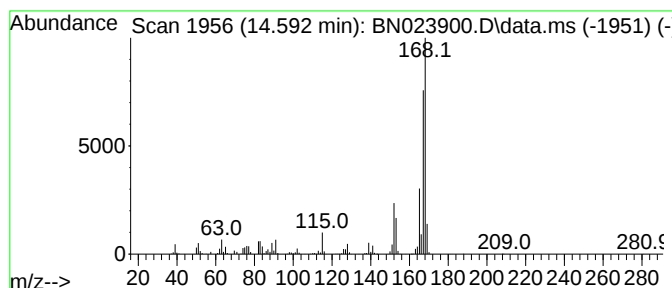
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,1'-Biphenyl, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.592	21.12 ng/ul	2104800	Acenaphthene-d10		14.504
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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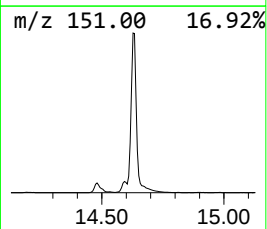
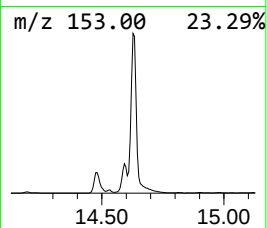
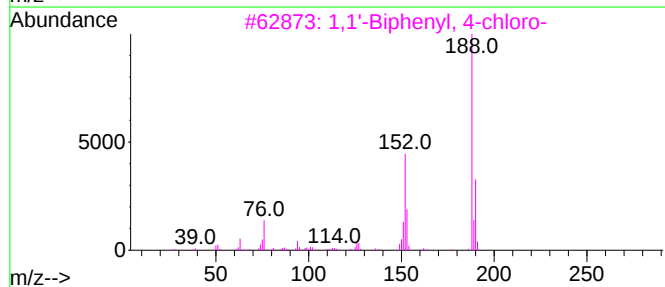
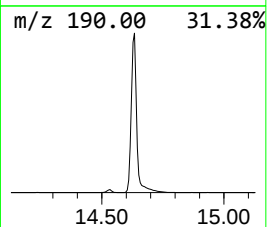
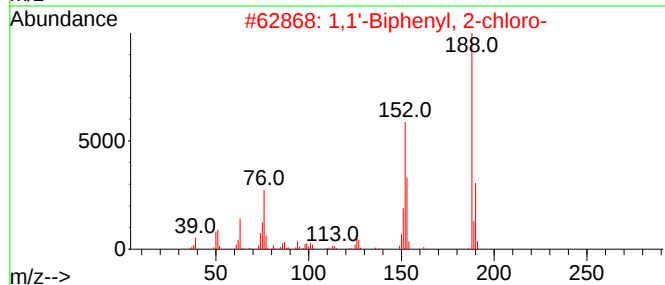
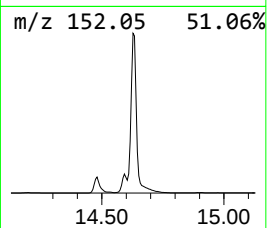
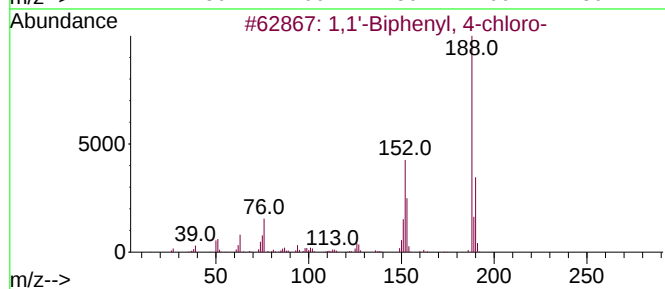
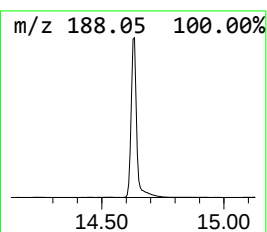
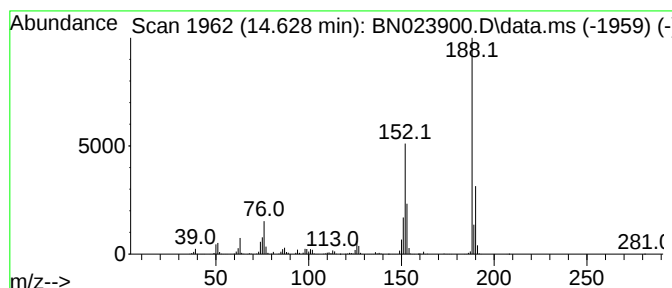
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1,1'-Biphenyl, 4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.628	71.20 ng/ul	7097100	Acenaphthene-d10	14.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	98
2	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	97
3	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	95
4	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	94
5	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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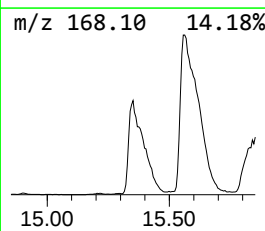
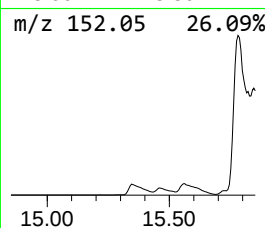
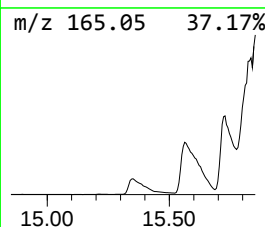
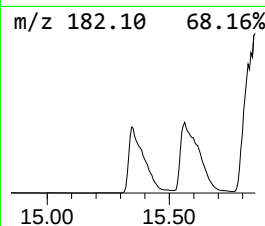
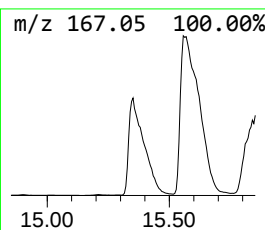
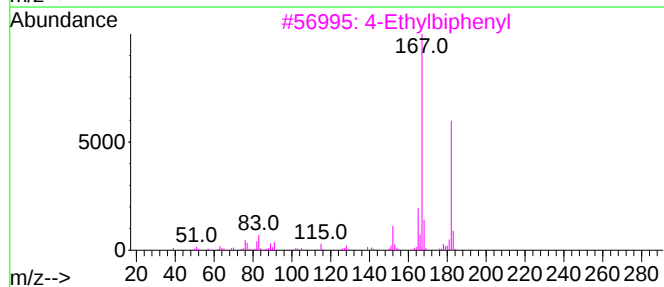
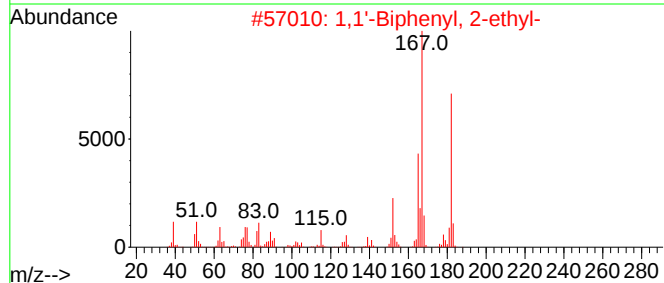
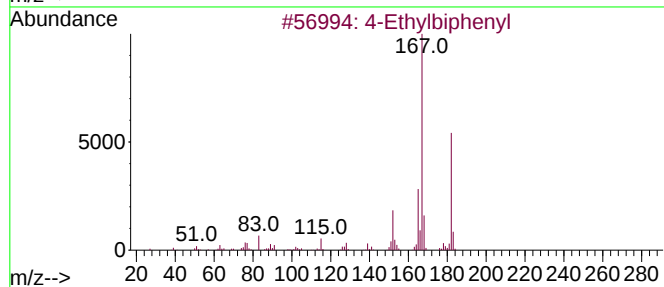
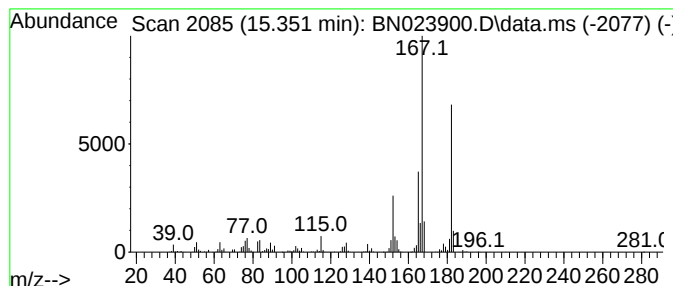
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4-Ethylbiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	98.59 ng/ul	9827050	Acenaphthene-d10	14.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethylbiphenyl	182	C14H14	005707-44-8	95
2			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	95
3			4-Ethylbiphenyl	182	C14H14	005707-44-8	90
4			Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	86
5			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

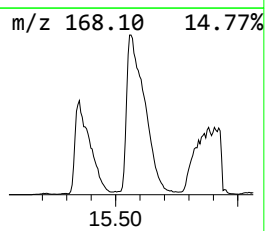
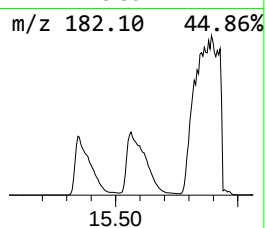
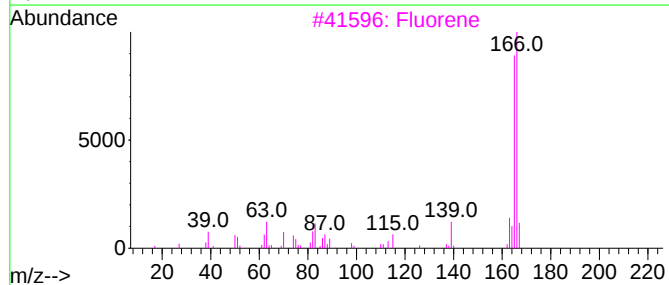
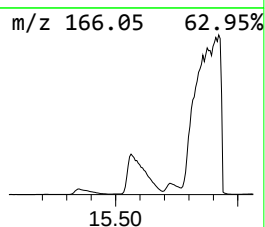
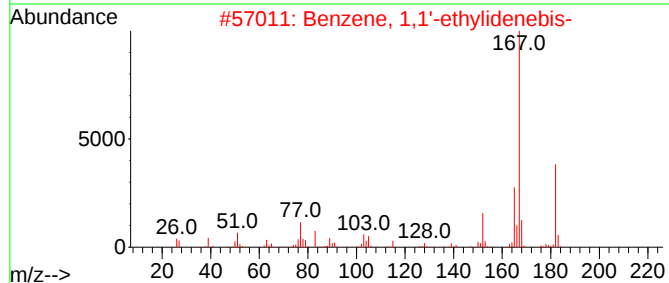
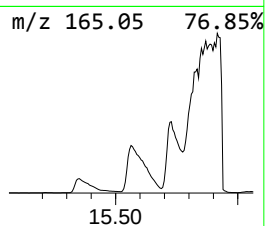
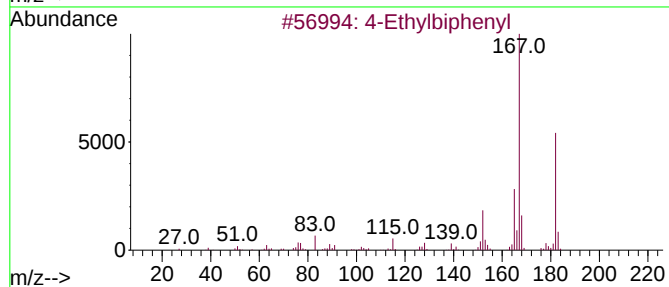
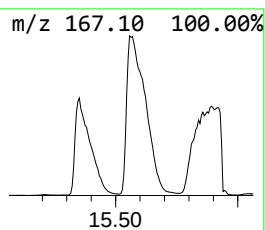
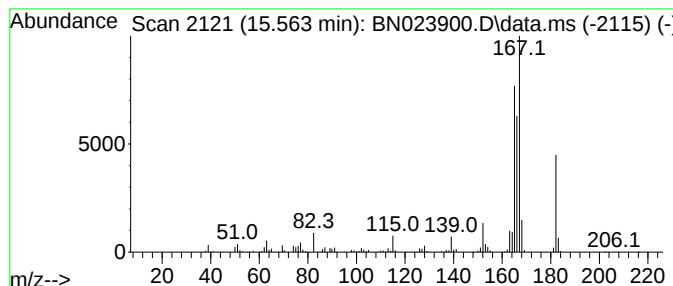
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1,1'-ethylidenebis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.563	224.20 ng/ul	22348500	Acenaphthene-d10	14.504	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	53
2	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	53
3	Fluorene	166	C13H10	000086-73-7	50
4	Fluorene	166	C13H10	000086-73-7	50
5	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

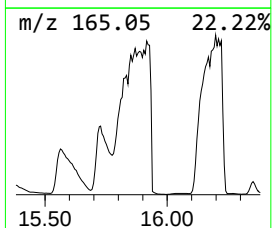
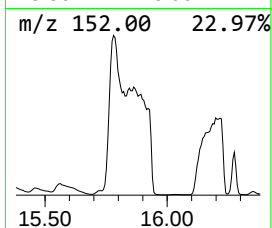
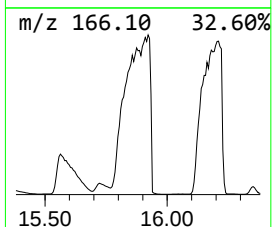
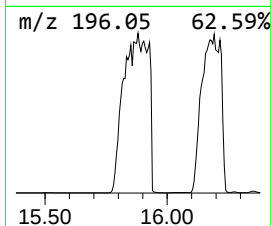
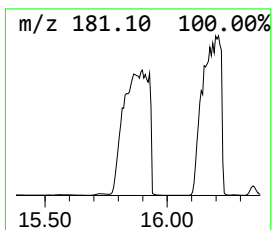
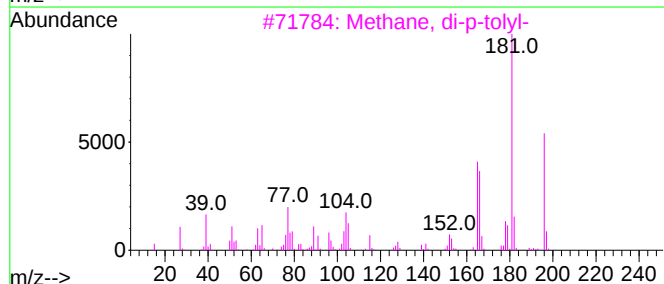
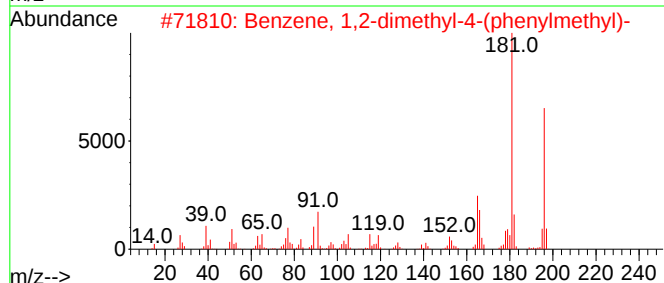
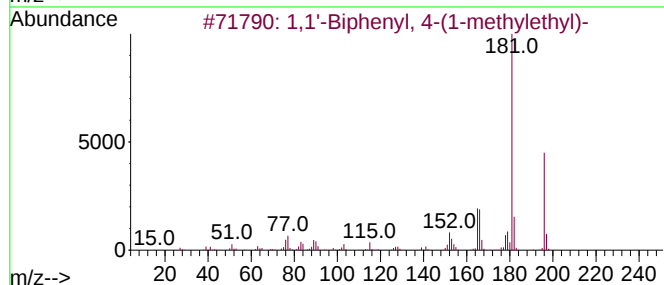
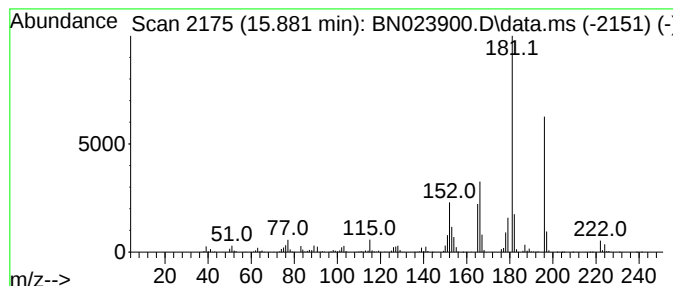
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.881	1509.64 ng/ul	150479000	Acenaphthene-d10	14.504	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	87
2	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	83
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	72
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	72
5	Acenaphthene, 5-acetyl-	196	C14H12O	010047-18-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
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Sample : 01362-12
Misc :
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Instrument :
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ClientSampleId :
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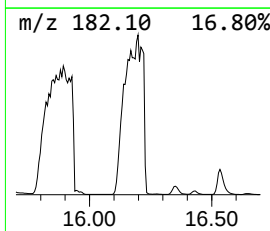
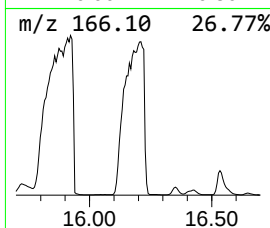
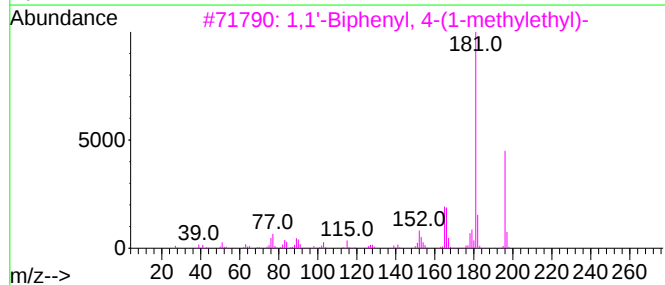
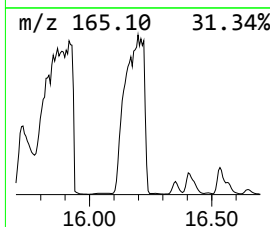
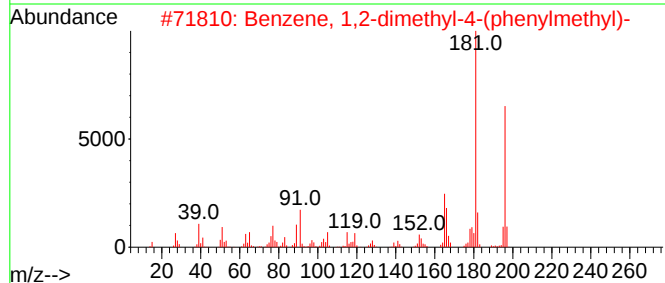
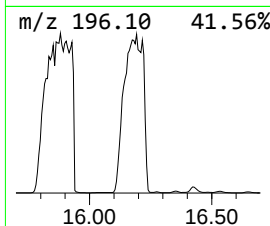
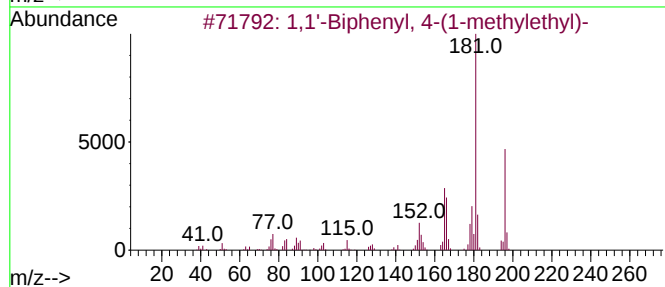
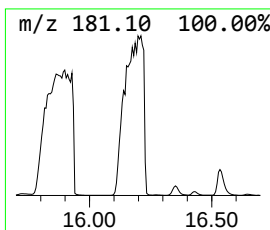
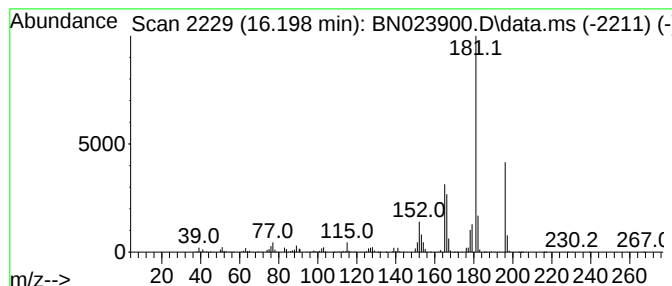
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1,2-dimethyl-4-(ph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	114.51 ng/ul	125454000	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94		
2	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	94		
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94		
4	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	91		
5	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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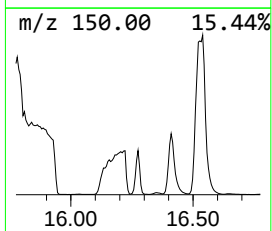
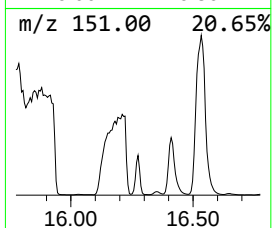
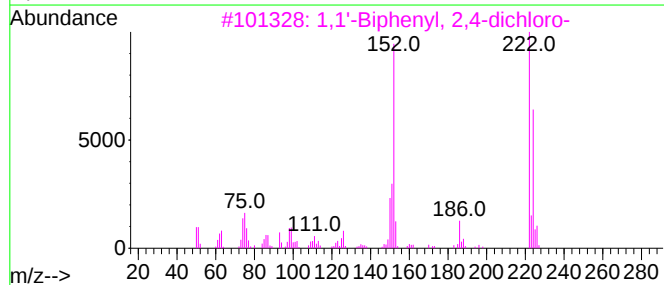
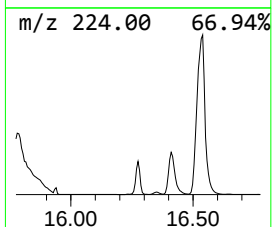
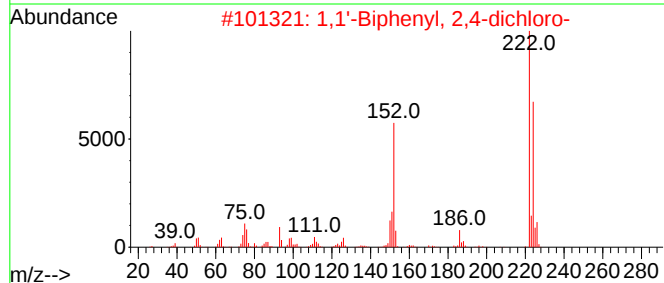
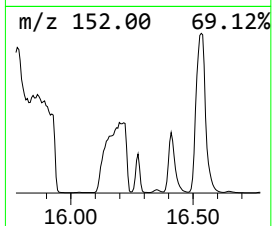
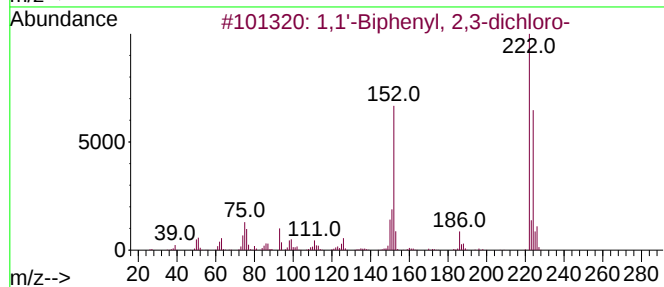
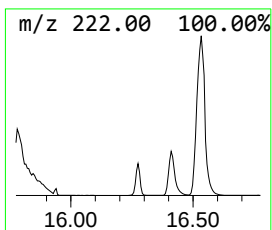
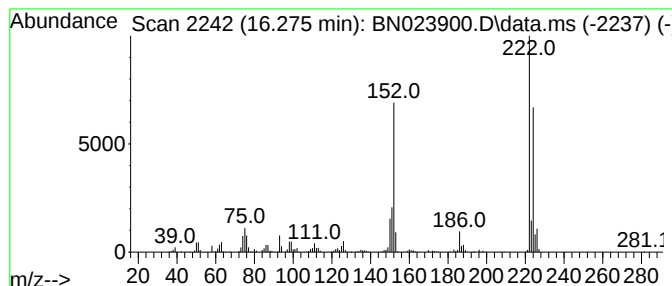
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	4.68 ng/ul	5127550	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99		
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98		
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98		
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98		
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Acq On : 02 Feb 2023 12:10
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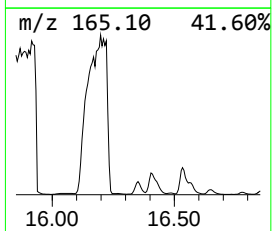
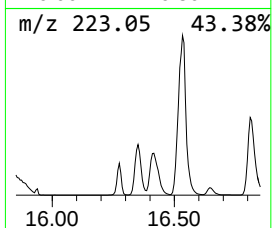
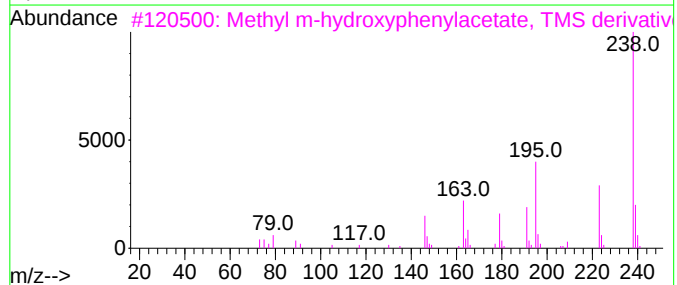
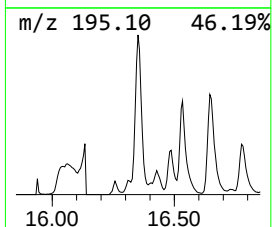
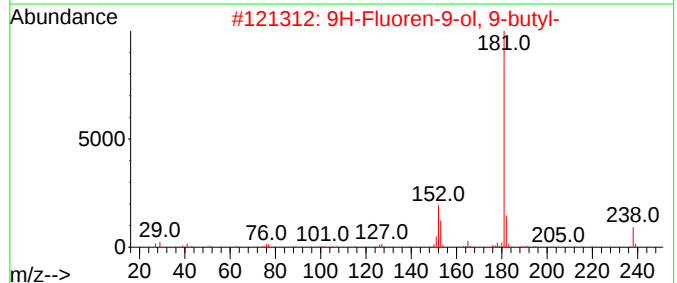
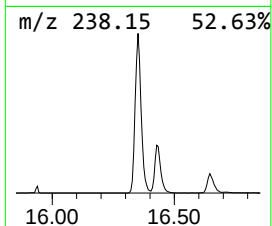
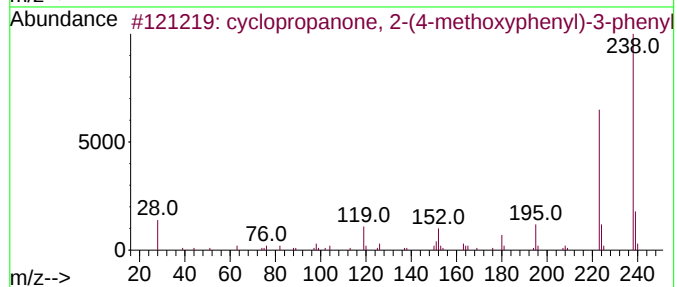
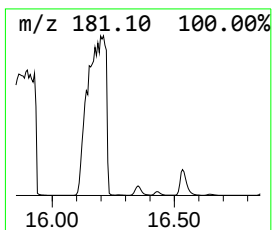
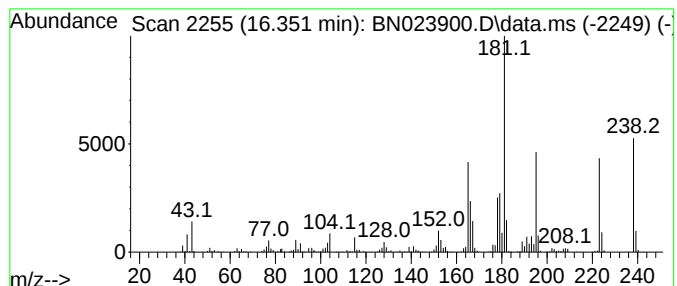
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BNA_N
ClientSampleId :
A4488

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.351	4.71 ng/ul	5155560	Phenanthrene-d10	17.298	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclopropanone, 2-(4-methoxyphen...	238	C16H14O2	1000401-16-2	38
2	9H-Fluoren-9-ol, 9-butyl-	238	C17H18O	005806-10-0	38
3	Methyl m-hydroxyphenylacetate, T...	238	C12H18O3Si	027798-61-4	27
4	1,11,11-Trimethyl-1,2,3,4-tetra...	238	C16H18N2	1000210-51-9	25
5	Benzoic acid, 2-amino-3-methoxy-...	181	C9H11NO3	005121-34-6	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4488

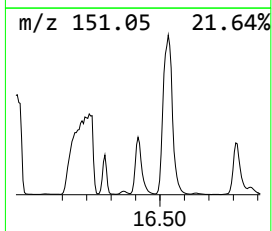
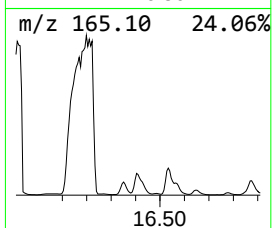
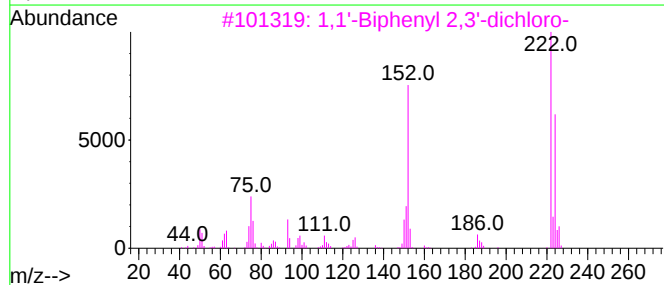
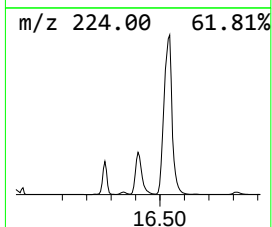
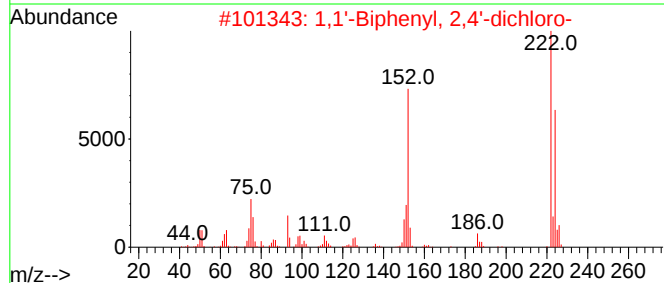
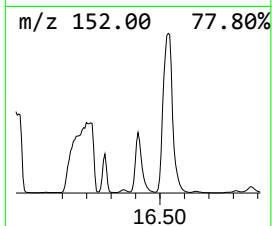
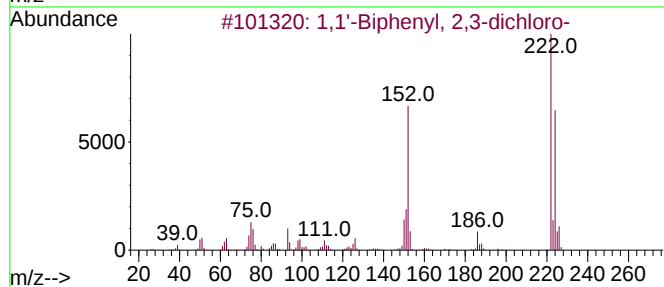
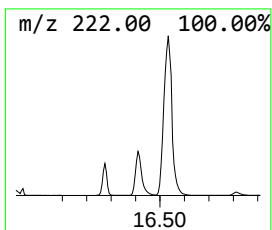
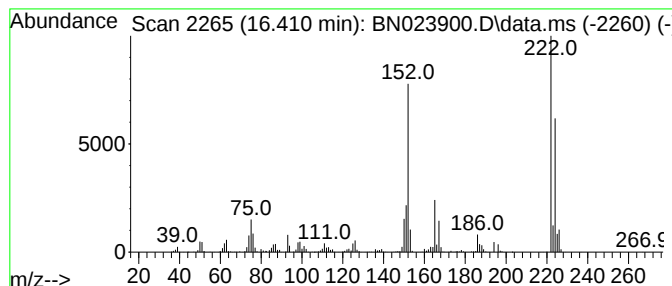
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	13.57 ng/ul	14865700	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-			222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 2,4'-dichloro-			222	C12H8Cl2	034883-43-7	98
3	1,1'-Biphenyl 2,3'-dichloro-			222	C12H8Cl2	025569-80-6	98
4	1,1'-Biphenyl, 2,5-dichloro-			222	C12H8Cl2	034883-39-1	98
5	1,1'-Biphenyl, 2,4-dichloro-			222	C12H8Cl2	033284-50-3	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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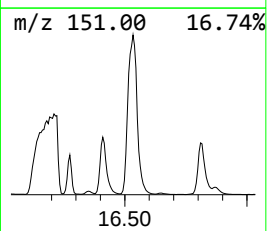
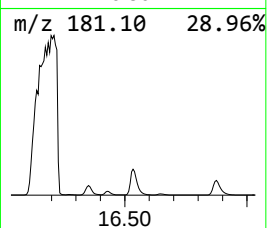
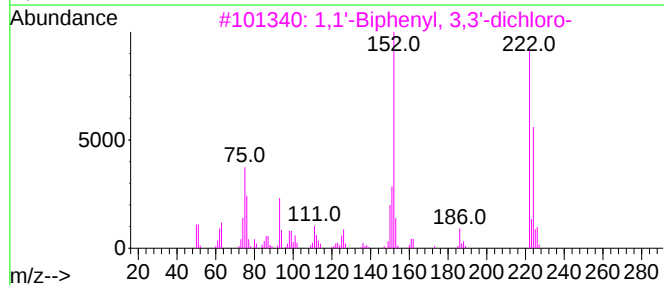
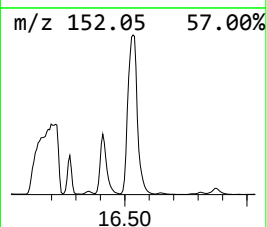
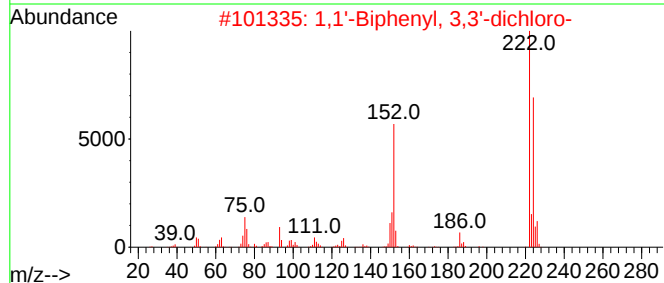
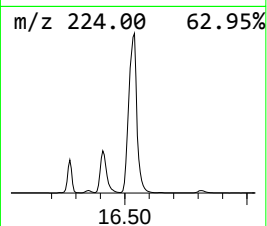
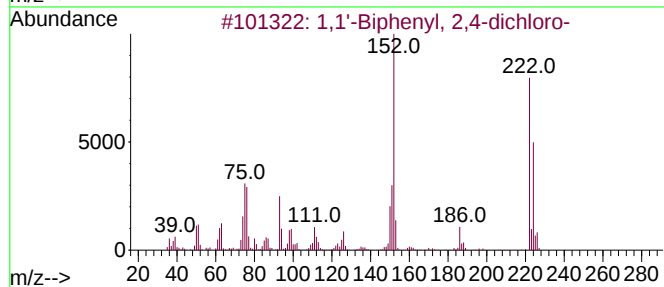
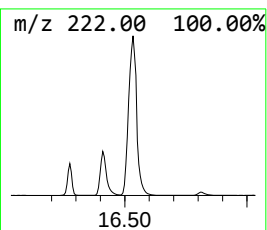
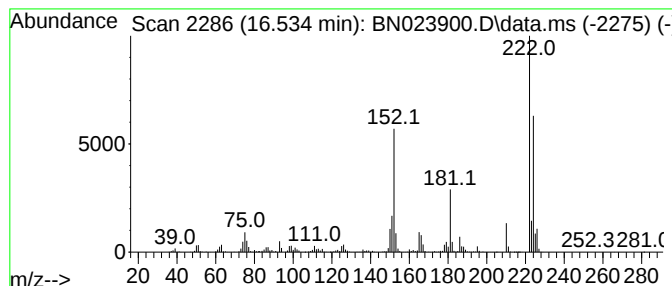
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.534	50.75 ng/ul	55604100	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	97		
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97		
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97		
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	97		
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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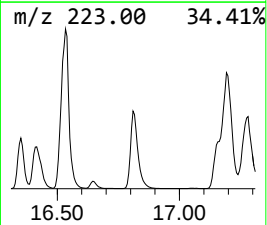
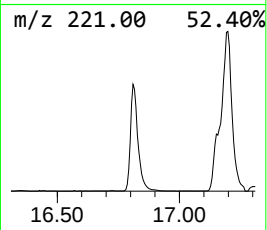
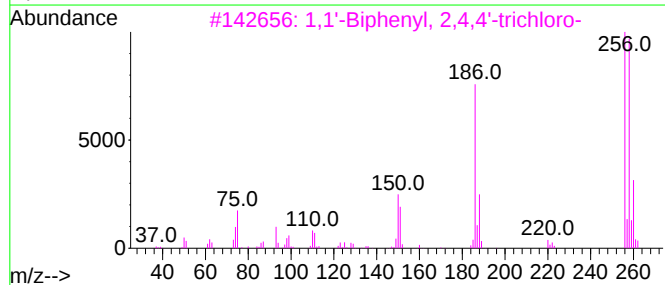
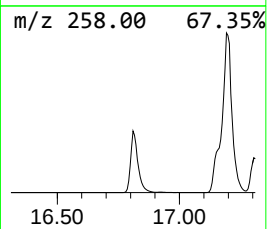
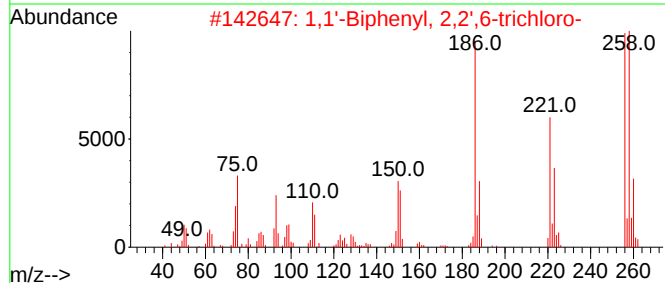
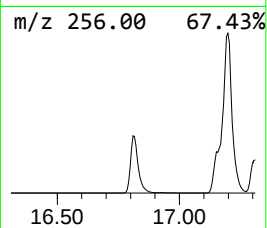
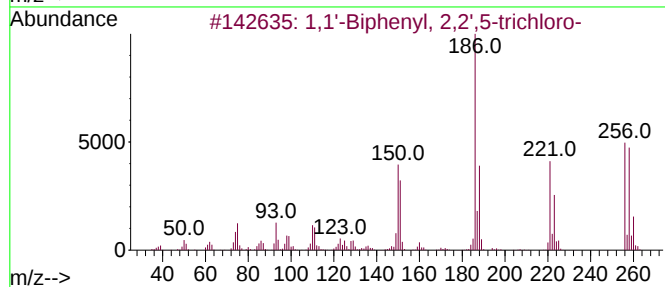
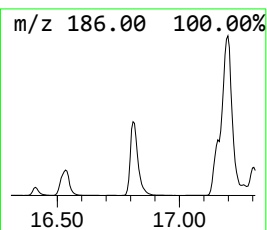
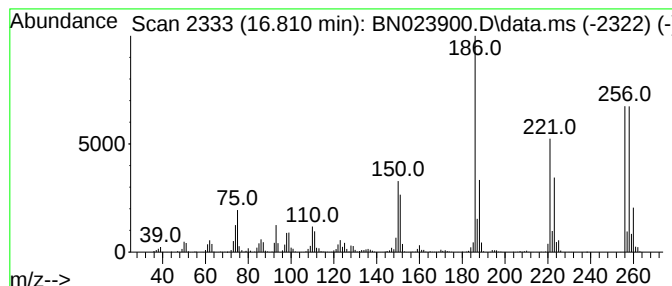
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.810	13.69 ng/ul	14996200	Phenanthrene-d10	17.298

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',6-trichloro-	256	C12H7Cl3	038444-73-4	99		
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98		
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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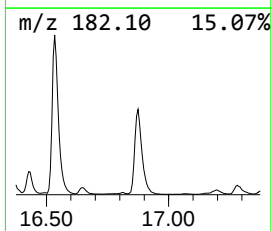
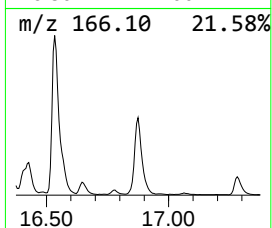
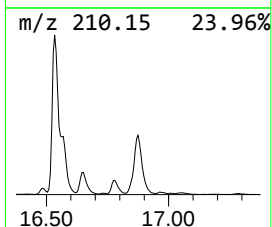
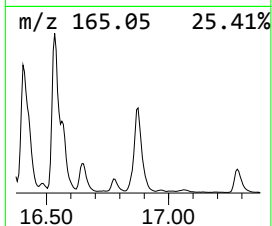
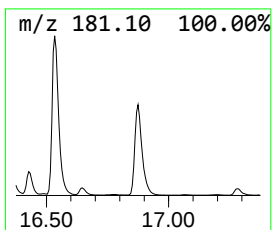
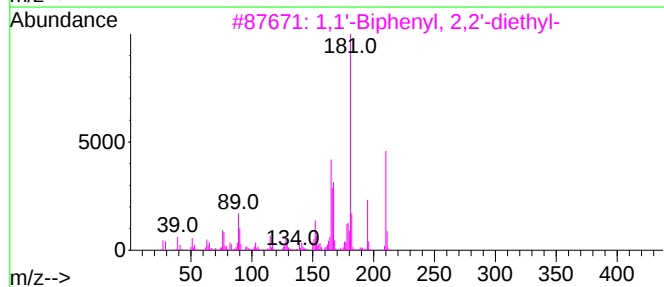
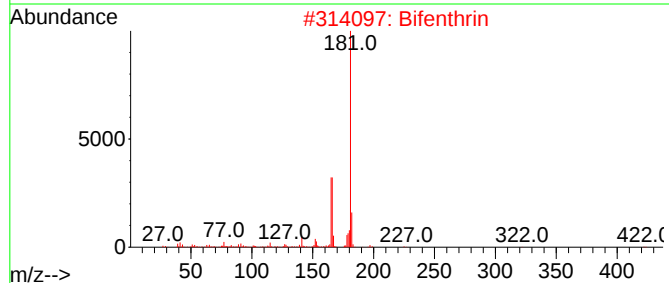
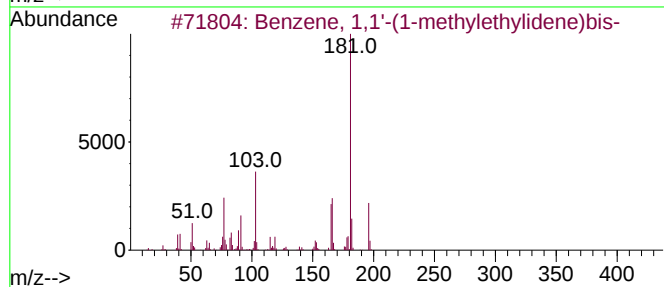
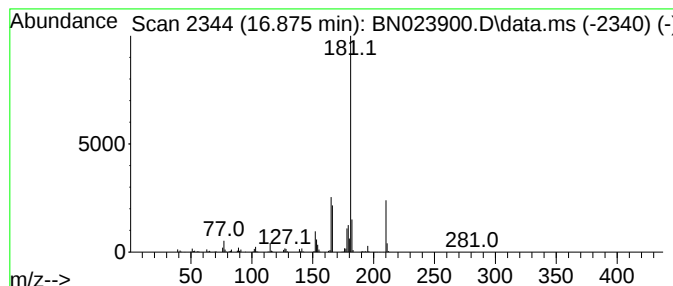
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Benzene, 1,1'-(1-methylethy... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	5.42 ng/ul	5934420	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	59
2			Bifenthrin	422	C23H22ClF3O2	082657-04-3	59
3			1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	58
4			Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	56
5			2,2-diphenylpropionic acid, 2,2,...	308	C17H15F3O2	1000376-56-7	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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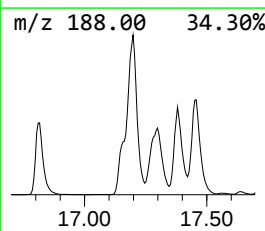
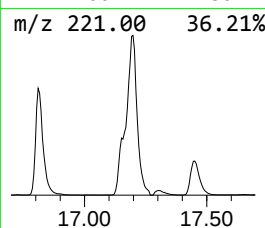
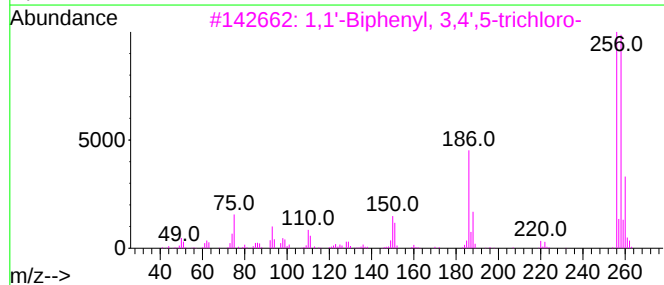
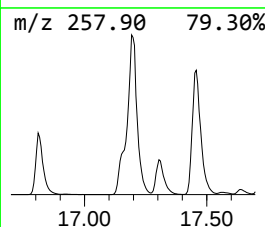
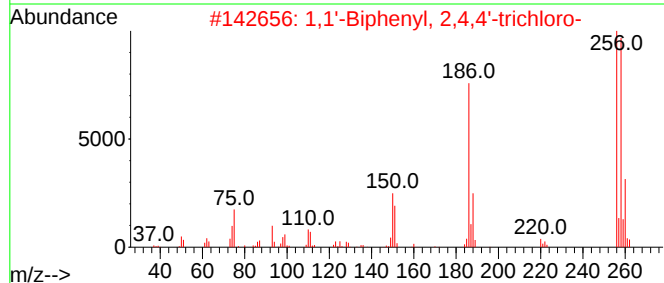
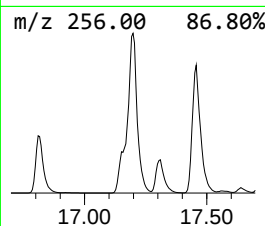
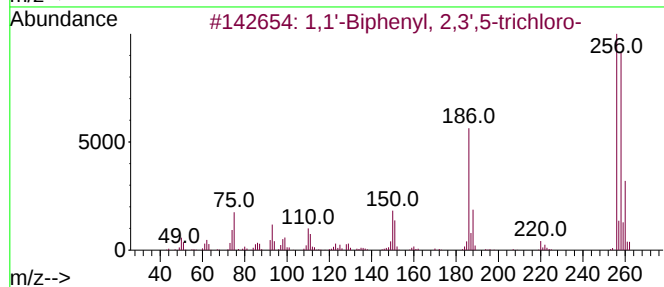
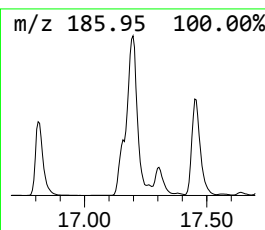
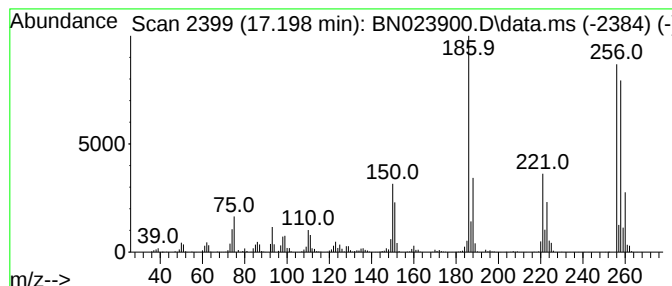
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	42.64 ng/ul	46716700	Phenanthrene-d10	17.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99	
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99	
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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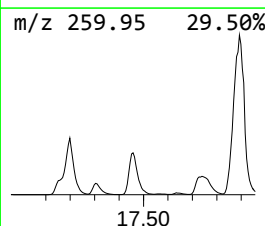
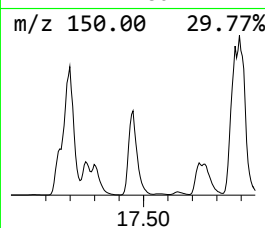
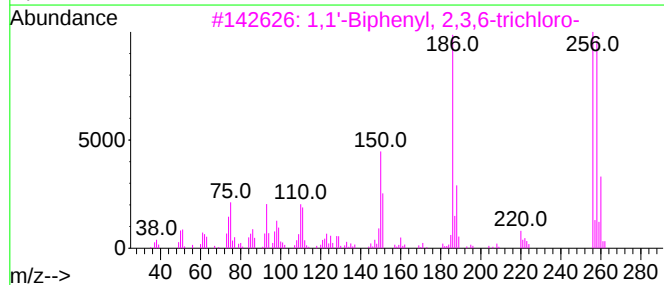
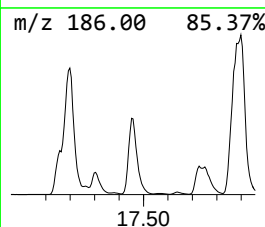
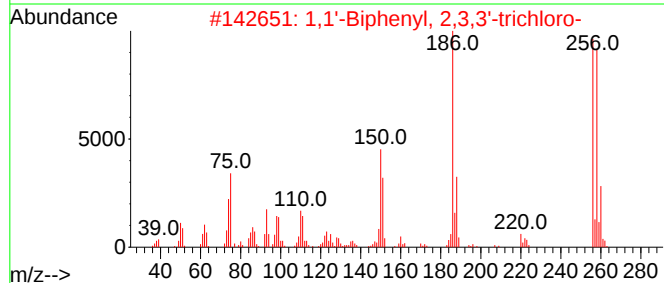
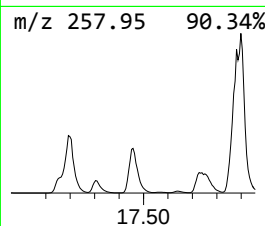
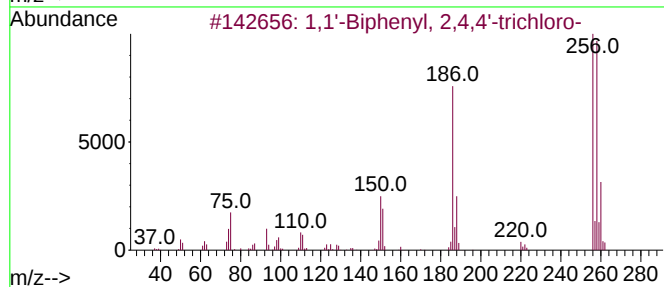
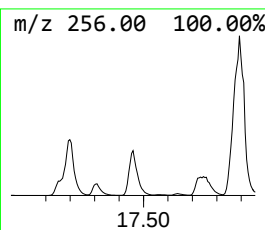
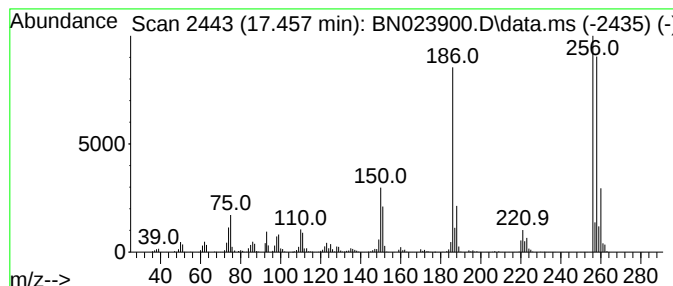
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.457	20.51 ng/ul	22467600	Phenanthrene-d10	17.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99	
3	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99	
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98	
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4488

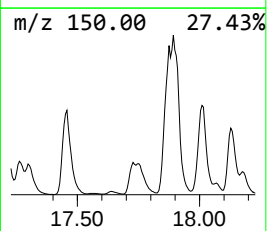
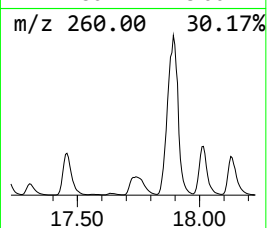
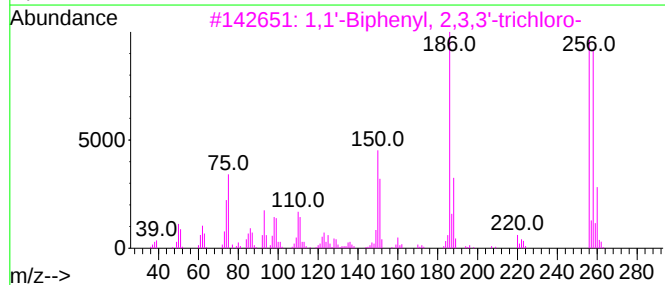
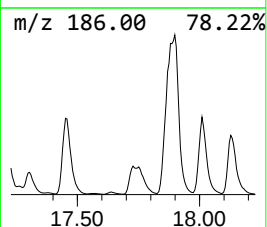
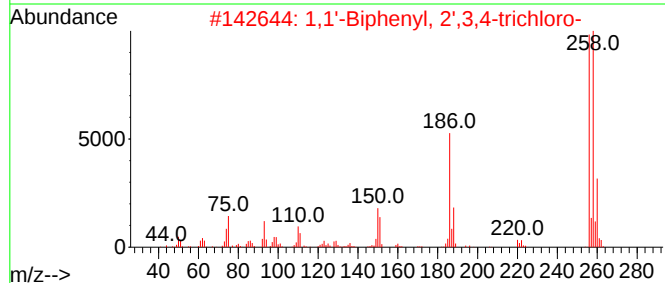
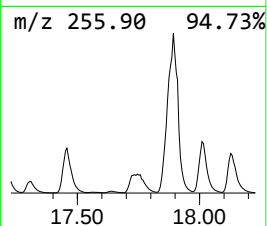
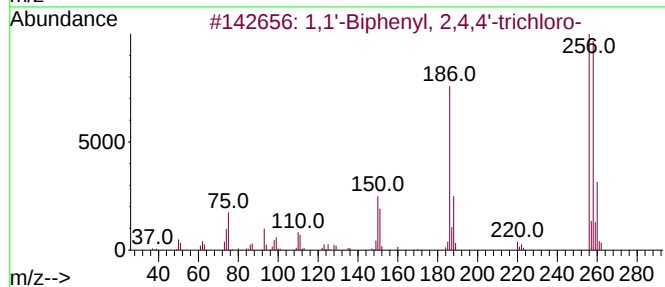
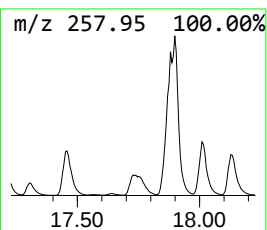
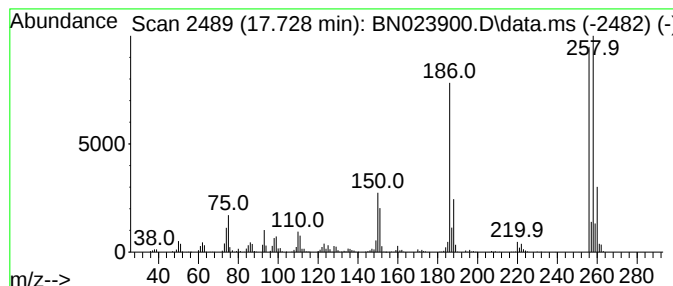
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.728	6.00 ng/ul	6578620	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99		
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4488

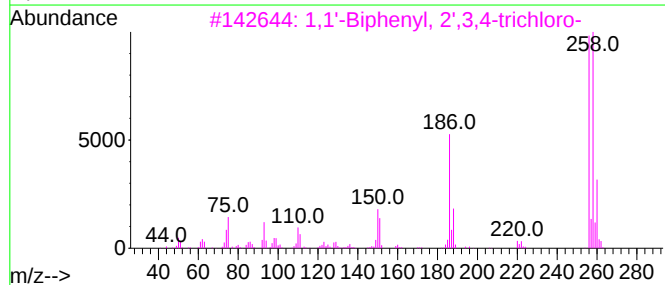
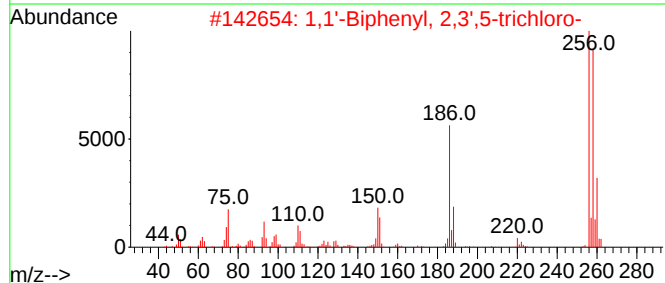
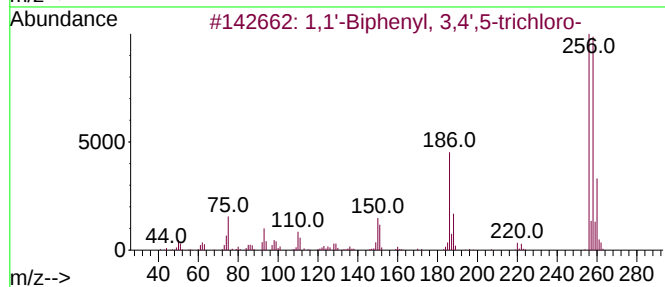
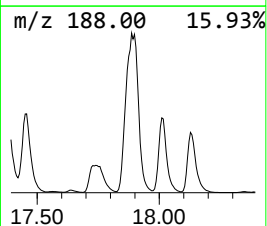
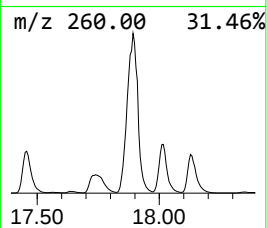
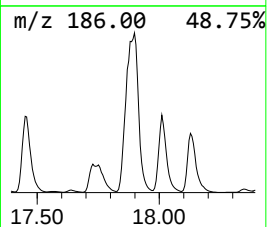
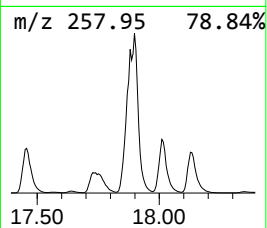
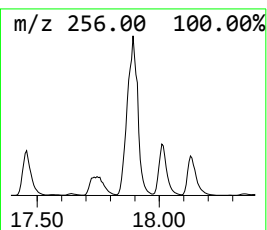
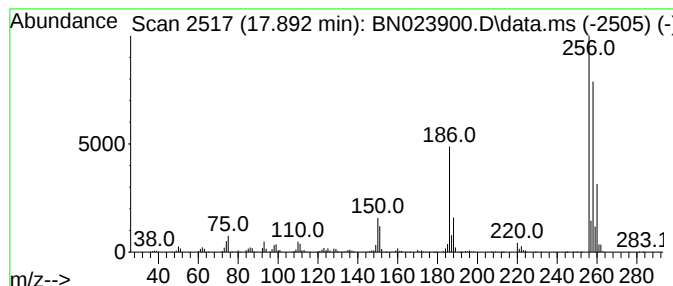
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	70.74 ng/ul	77507600	Phenanthrene-d10	17.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99	
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99	
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99	
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99	
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4488

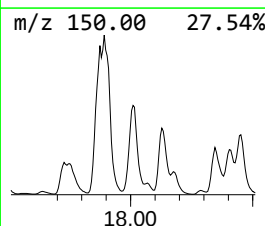
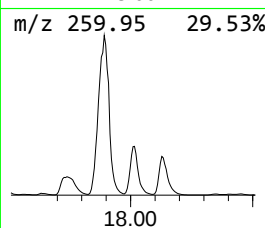
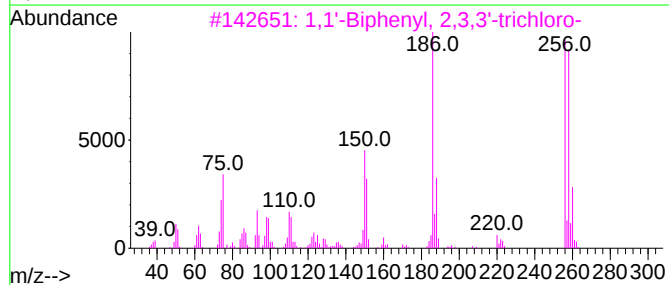
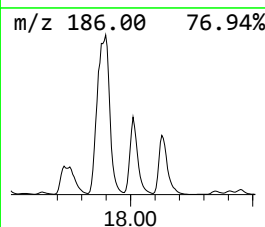
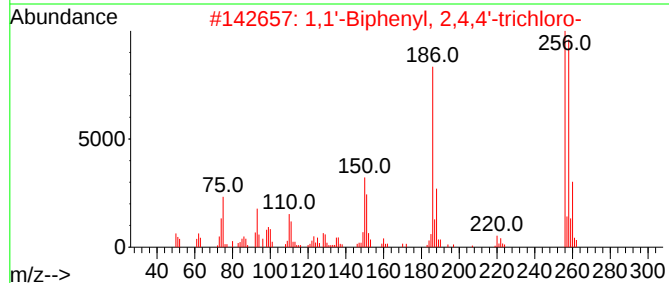
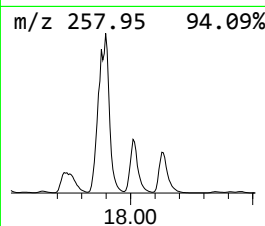
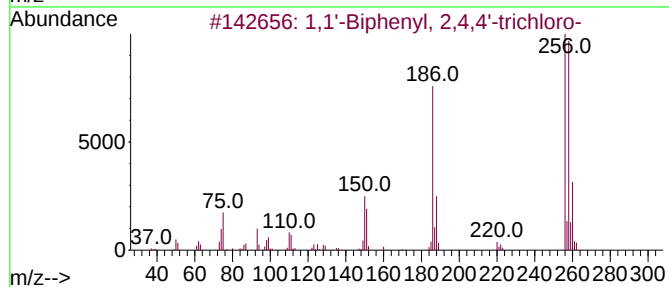
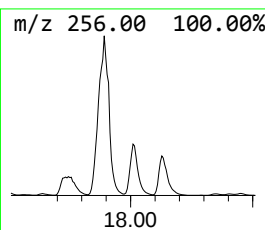
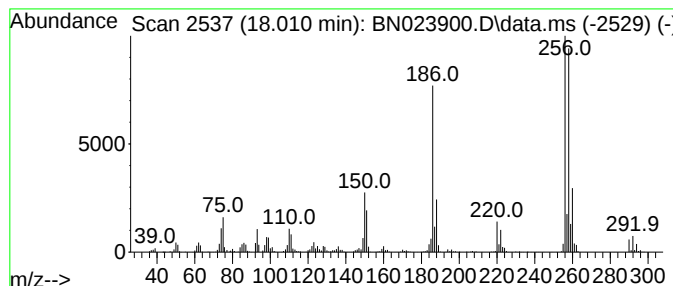
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	23.37 ng/ul	25606800	Phenanthrene-d10	17.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99	
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99	
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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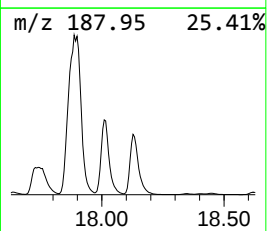
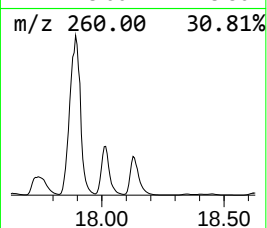
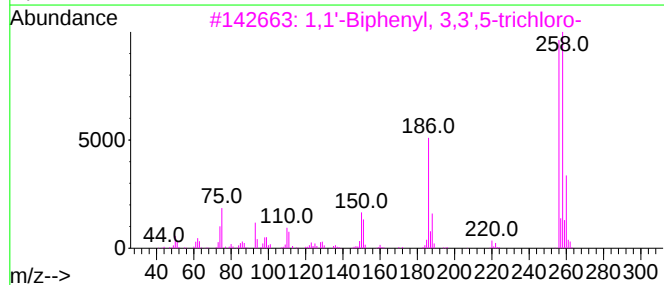
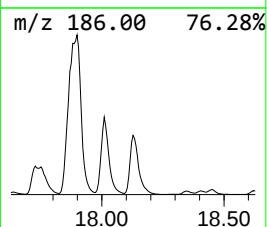
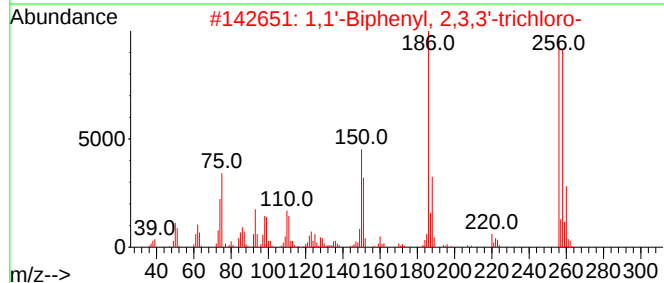
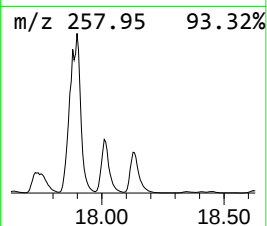
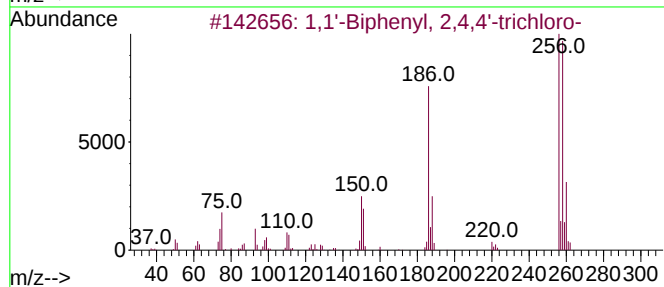
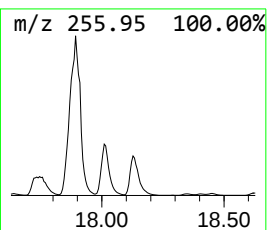
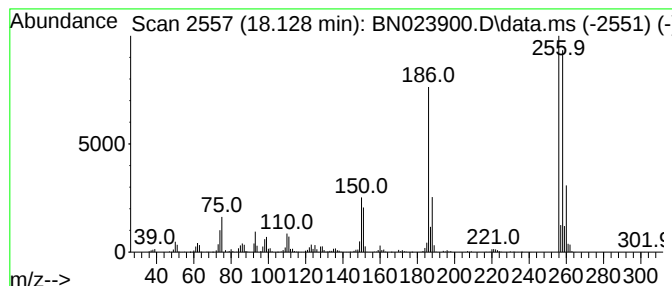
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	15.92 ng/ul	17444200	Phenanthrene-d10	17.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97	
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96	
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	96	
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	96	
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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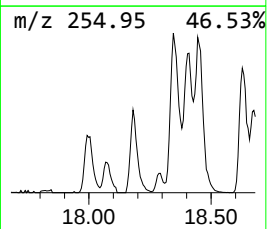
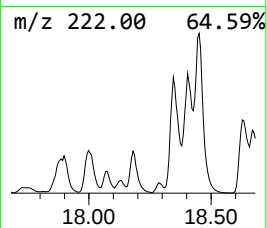
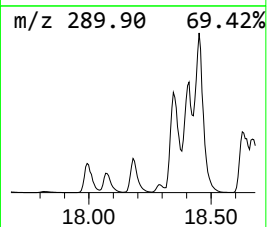
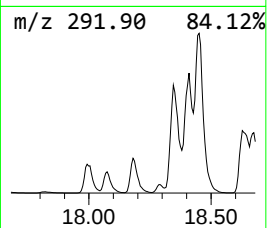
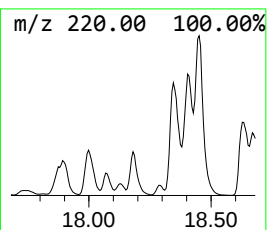
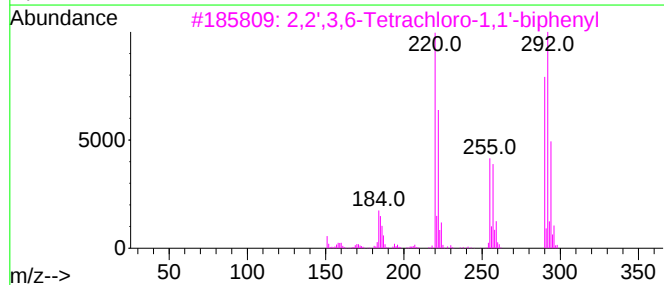
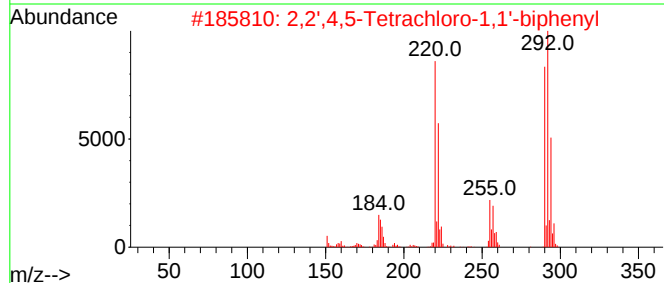
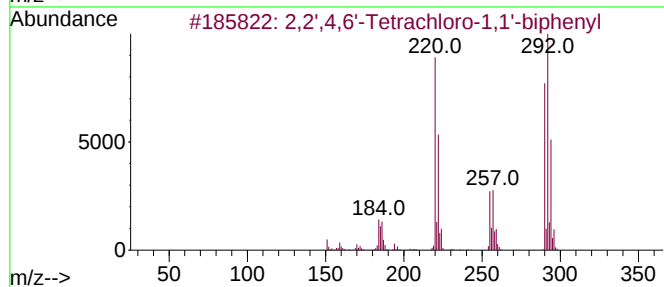
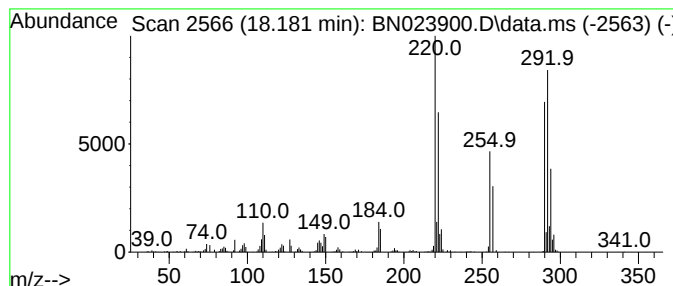
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	5.58 ng/ul	6116390	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99		
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98		
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	96		
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	95		
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	95		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

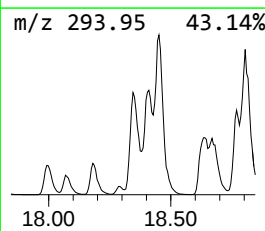
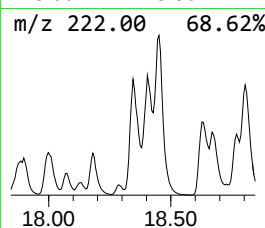
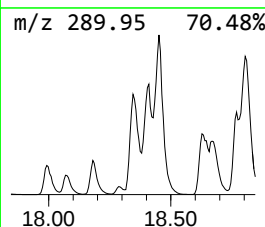
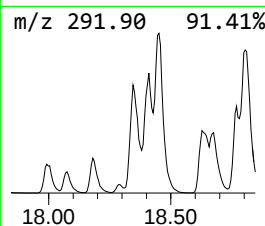
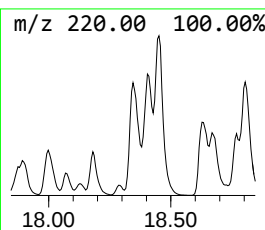
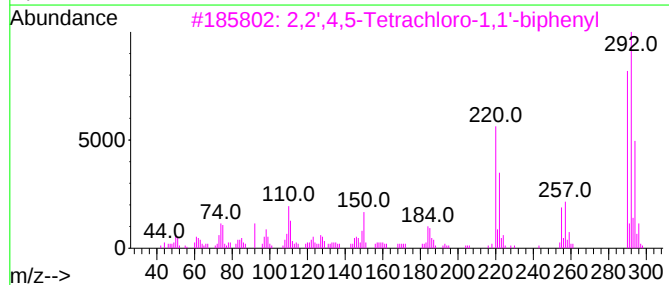
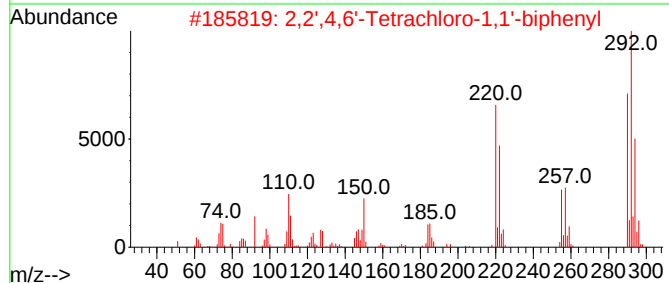
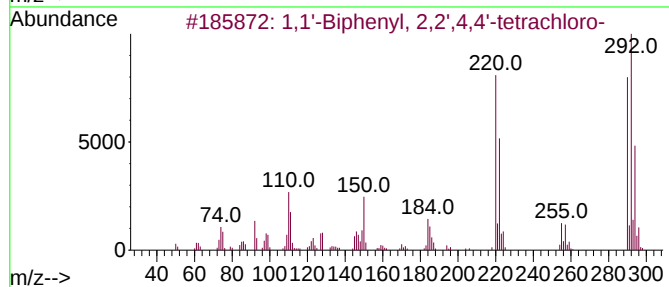
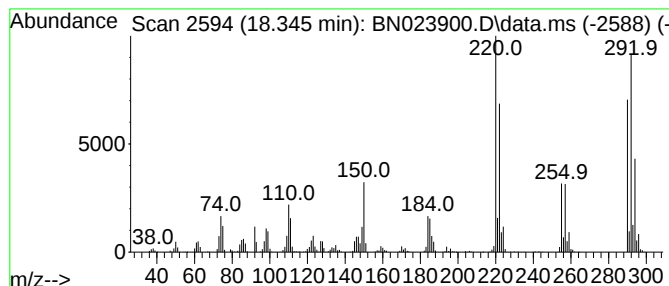
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.345	14.29 ng/ul	15655500	Phenanthrene-d10	17.298		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4		002437-79-8	99
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4		068194-04-7	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	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4		036559-22-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

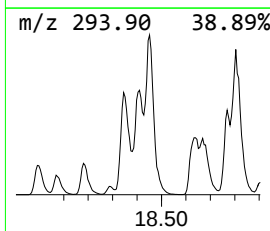
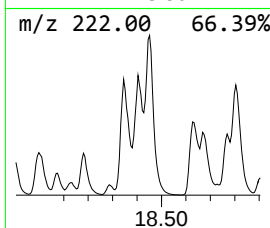
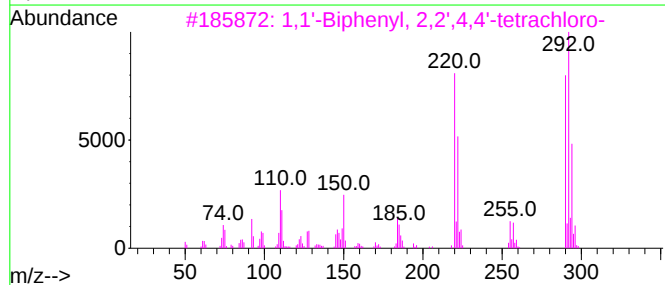
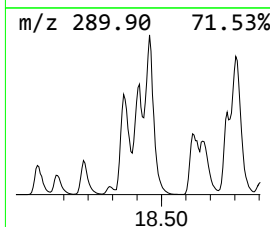
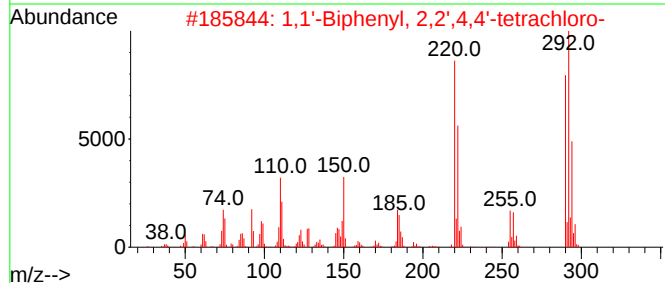
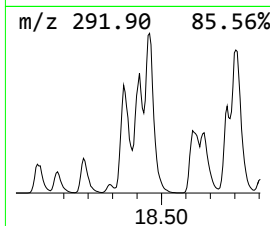
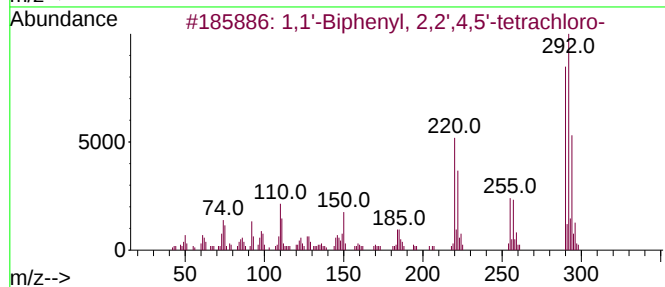
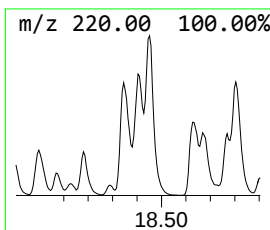
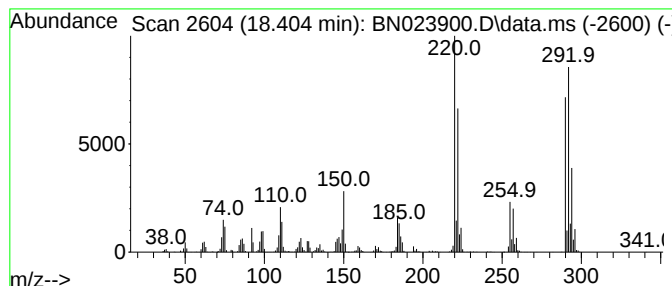
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.404	13.45 ng/ul	14730700	Phenanthrene-d10	17.298		
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, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99	
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

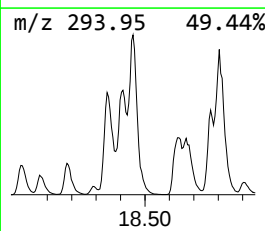
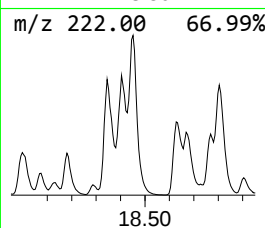
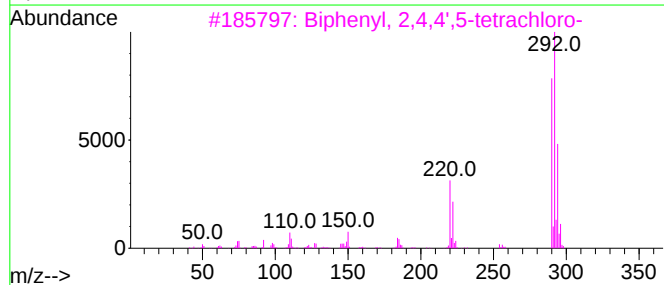
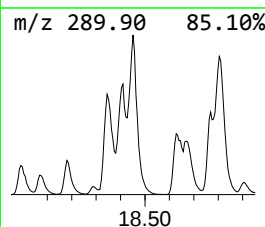
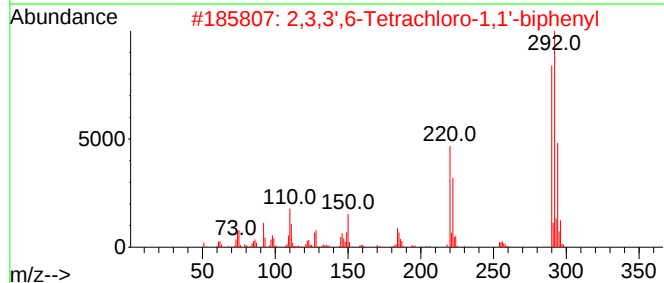
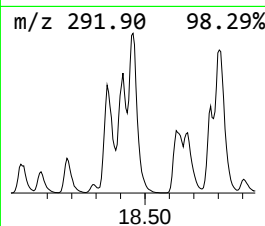
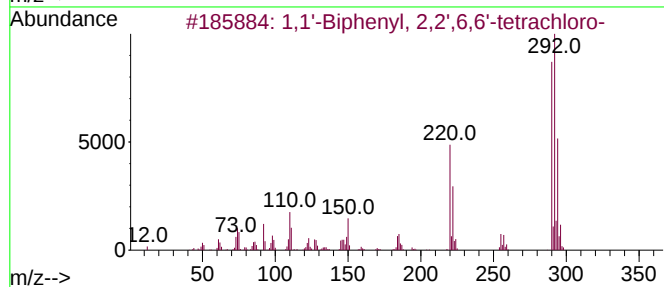
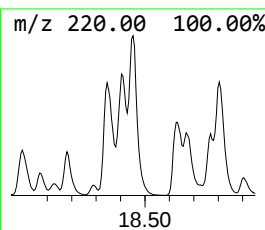
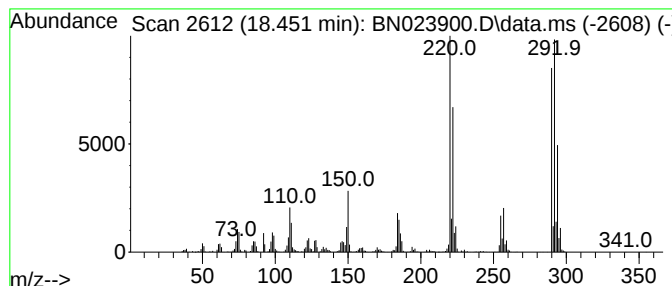
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.451	18.10 ng/ul	19828000	Phenanthrene-d10		17.298	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2		2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3		Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

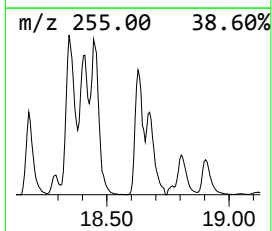
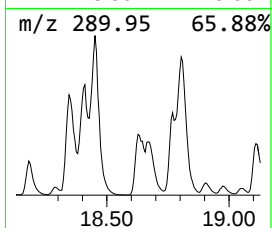
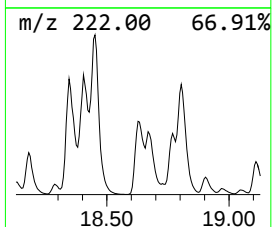
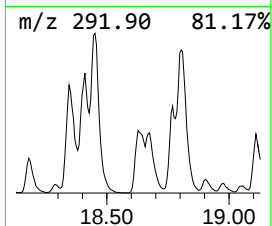
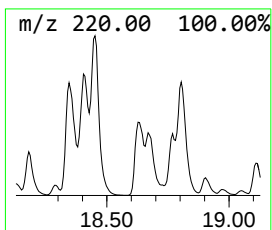
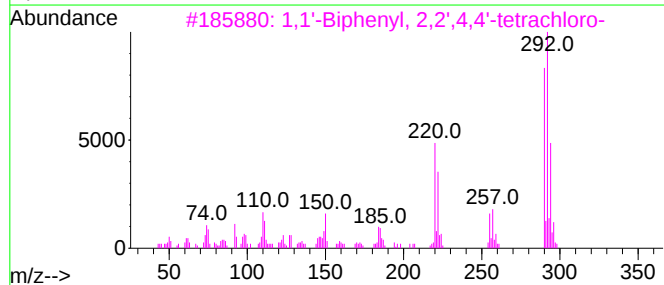
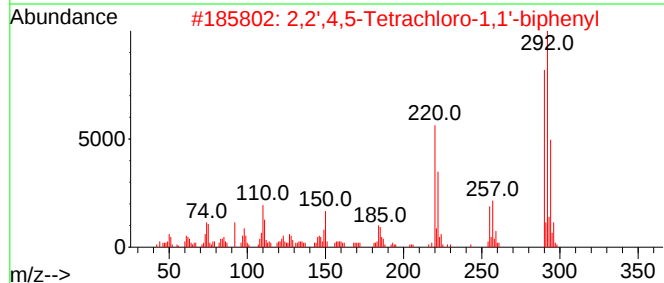
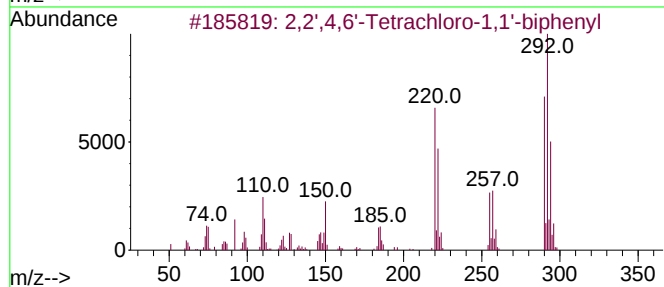
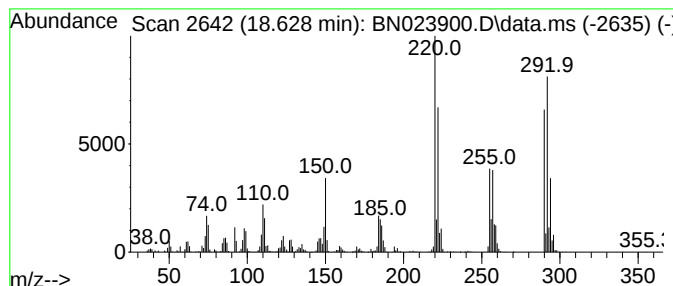
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.628	9.99 ng/ul	10940800	Phenanthrene-d10	17.298		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4		068194-04-7	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4		070362-47-9	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	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4		041464-41-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

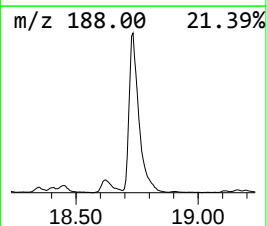
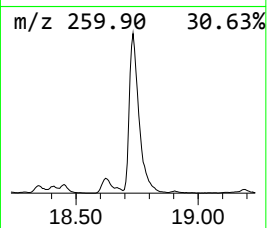
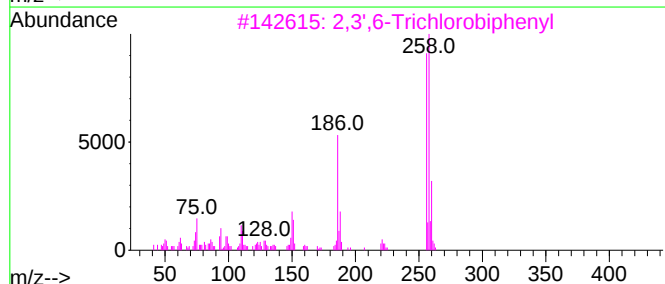
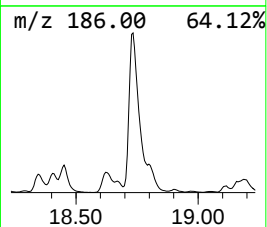
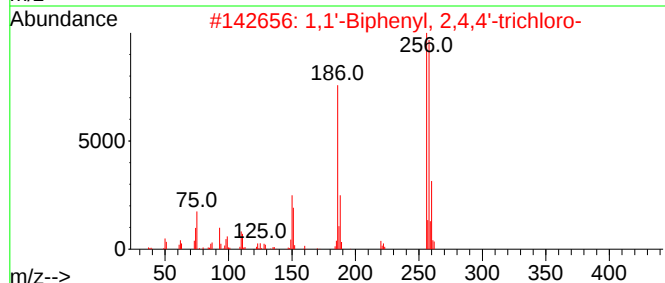
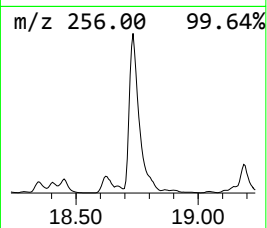
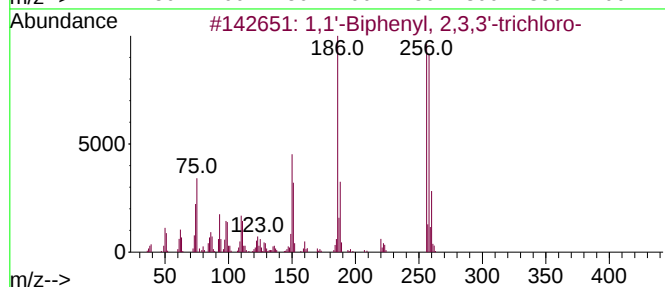
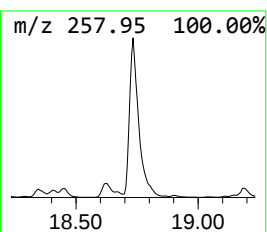
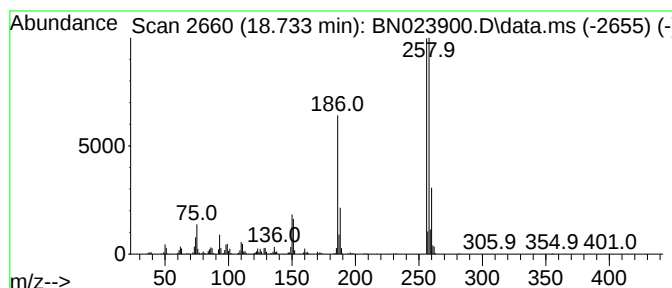
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 2,3',6-Trichlorobiphenyl Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.733	4.81 ng/ul	5275070	Phenanthrene-d10		17.298	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-		256	C12H7Cl3	038444-84-7	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-		256	C12H7Cl3	007012-37-5	96
3	2,3',6-Trichlorobiphenyl		256	C12H7Cl3	038444-76-7	94
4	1,1'-Biphenyl, 3,3',5-trichloro-		256	C12H7Cl3	038444-87-0	94
5	2,4',6-Trichloro-1,1'-biphenyl		256	C12H7Cl3	038444-77-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

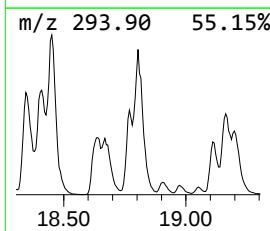
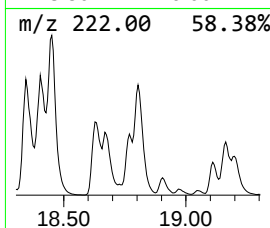
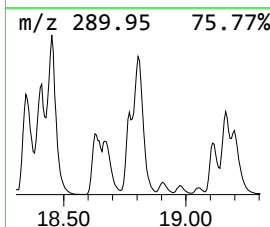
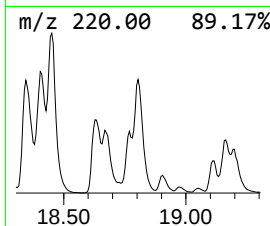
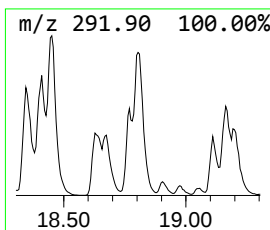
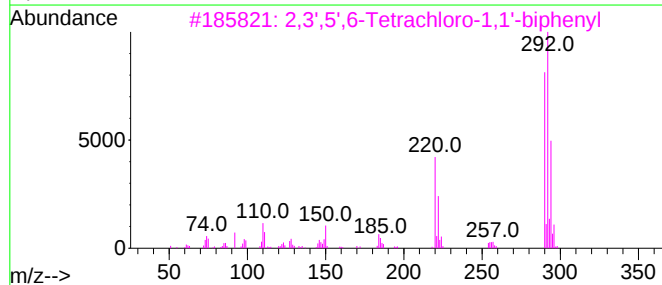
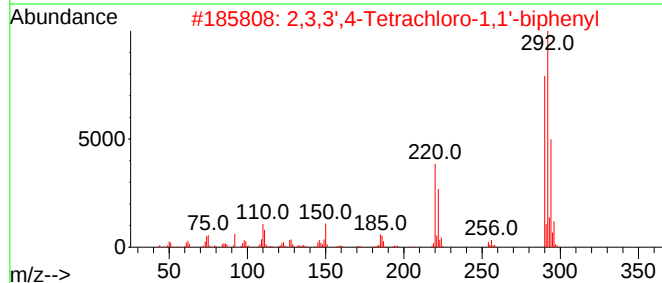
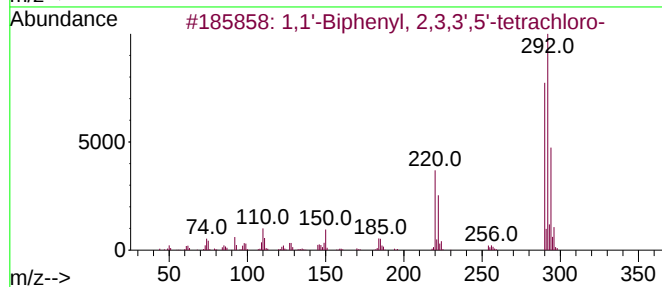
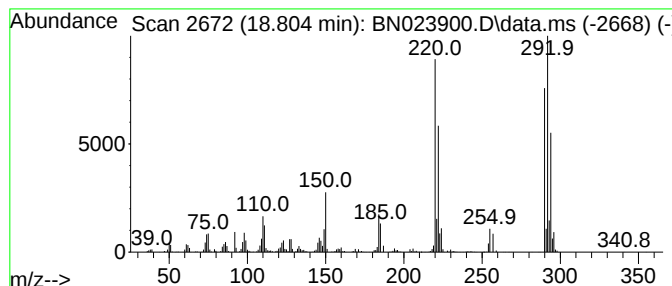
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.804	14.13 ng/ul	15481700	Phenanthrene-d10	17.298
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290 C12H6Cl4	041464-49-7	99
2	2,3,3',4-Tetrachloro-1,1'-biphenyl	290 C12H6Cl4	074338-24-2	99
3	2,3',5',6-Tetrachloro-1,1'-biphenyl	290 C12H6Cl4	074338-23-1	99
4	Biphenyl, 2,4,4',5-tetrachloro-	290 C12H6Cl4	032690-93-0	99
5	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290 C12H6Cl4	033025-41-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023900.D
Acq On : 02 Feb 2023 12:10
Operator : CG/JU
Sample : 01362-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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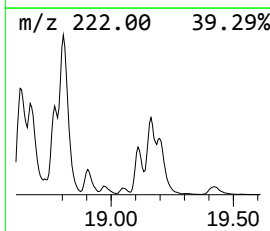
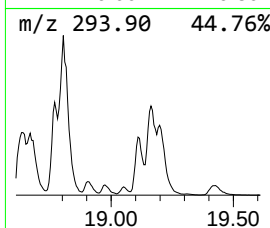
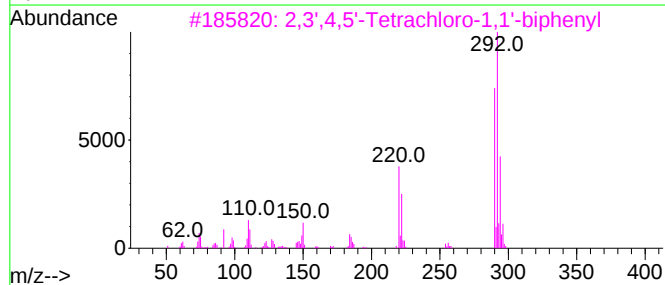
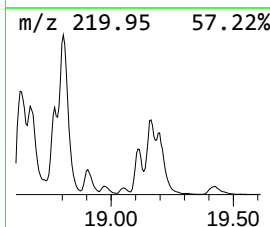
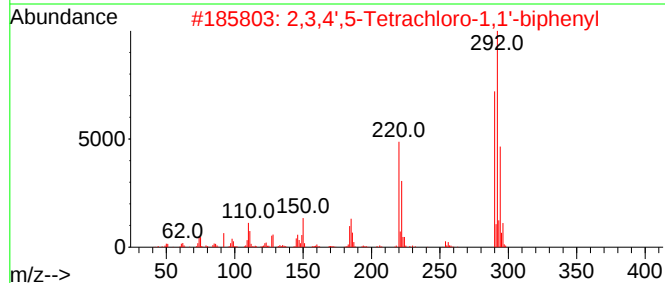
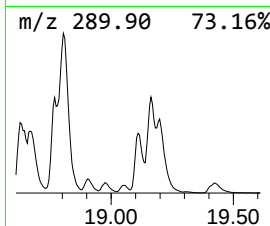
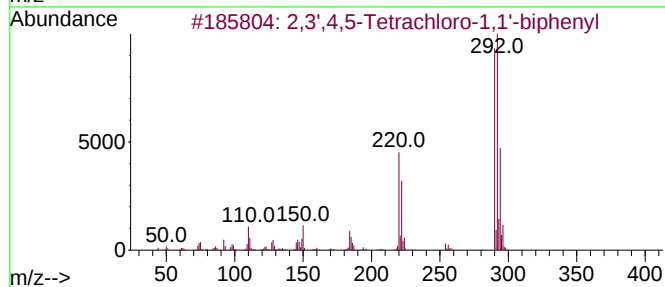
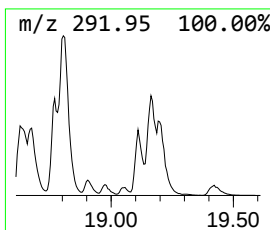
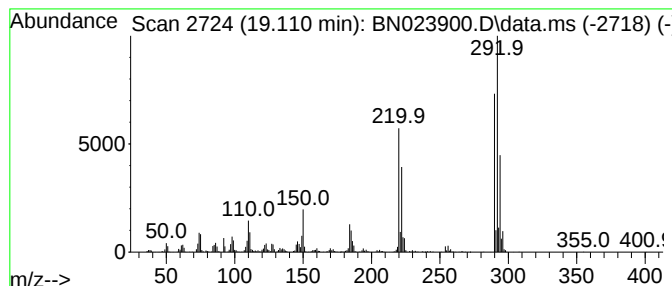
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	4.02 ng/ul	4403210	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99		
2	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99		
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99		
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99		
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023900.D
 Acq On : 02 Feb 2023 12:10
 Operator : CG/JU
 Sample : 01362-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Mesitylene	7.493	4.7	ng/ul	285411	1	7.852	1212800	20.0
(DEL) Alkane: S...	12.857	13.6	ng/ul	1357550	3	14.504	1993590	20.0
(DEL) Alkane: S...	12.916	24.4	ng/ul	2434020	3	14.504	1993590	20.0
(DEL) Alkane: C...	12.999	2.1	ng/ul	208203	3	14.504	1993590	20.0
(DEL) Alkane: S...	13.151	23.1	ng/ul	2299900	3	14.504	1993590	20.0
(DEL) Alkane: S...	13.187	3.9	ng/ul	386314	3	14.504	1993590	20.0
Biphenyl	13.340	75.4	ng/ul	7512230	3	14.504	1993590	20.0
(DEL) Alkane: S...	13.375	6.6	ng/ul	655418	3	14.504	1993590	20.0
2-Ethylhexyl me...	14.398	6.0	ng/ul	601312	3	14.504	1993590	20.0
1,1'-Biphenyl, ...	14.592	21.1	ng/ul	2104800	3	14.504	1993590	20.0
1,1'-Biphenyl, ...	14.628	71.2	ng/ul	7097100	3	14.504	1993590	20.0
4-Ethylbiphenyl	15.351	98.6	ng/ul	9827050	3	14.504	1993590	20.0
Benzene, 1,1'-e...	15.563	224.2	ng/ul	22348500	3	14.504	1993590	20.0
1,1'-Biphenyl, ...	15.881	1509.6	ng/ul	150479000	3	14.504	1993590	20.0
Benzene, 1,2-di...	16.198	114.5	ng/ul	125454000	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	16.275	4.7	ng/ul	5127550	4	17.298	21912100	20.0
unknown-01	16.351	4.7	ng/ul	5155560	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	16.410	13.6	ng/ul	14865700	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	16.534	50.8	ng/ul	55604100	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	16.810	13.7	ng/ul	14996200	4	17.298	21912100	20.0
Benzene, 1,1'-(...	16.875	5.4	ng/ul	5934420	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	17.198	42.6	ng/ul	46716700	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	17.457	20.5	ng/ul	22467600	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	17.728	6.0	ng/ul	6578620	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	17.892	70.7	ng/ul	77507600	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	18.010	23.4	ng/ul	25606800	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	18.128	15.9	ng/ul	17444200	4	17.298	21912100	20.0
2,2',4,6'-Tetra...	18.181	5.6	ng/ul	6116390	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	18.345	14.3	ng/ul	15655500	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	18.404	13.4	ng/ul	14730700	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	18.451	18.1	ng/ul	19828000	4	17.298	21912100	20.0
2,2',4,5-Tetrac...	18.628	10.0	ng/ul	10940800	4	17.298	21912100	20.0
2,3',6-Trichlor...	18.733	4.8	ng/ul	5275070	4	17.298	21912100	20.0
1,1'-Biphenyl, ...	18.804	14.1	ng/ul	15481700	4	17.298	21912100	20.0
2,3',4,5-Tetrac...	19.110	4.0	ng/ul	4403210	4	17.298	21912100	20.0