LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	6	10	20	rVB	593456	647118	46.13%	3.354%
2	3.716	61	64	65	rBV2	3456	3341	0.24%	0.017%
3	3.746	65	69	74	rVB3	18734	23148	1.65%	0.120%
4	4.227	148	151	154	rVB	4353	4649	0.33%	0.024%
5	4.974	275	278	283	rBV	1939	3121	0.22%	0.016%
6	8.058	796	803	812	rBV	263454	451567	32.19%	2.341%
7	10.737	1252	1259	1267	rVB4	25052	45179	3.22%	0.234%
8	10.873	1273	1282	1290	rBV	320616	585853	41.76%	3.037%
9	11.131	1322	1326	1330	rBV	2886	3803	0.27%	0.020%
10	11.249	1342	1346	1347	rBV	4931	4399	0.31%	0.023%
11	11.354	1359	1364	1368	rVB4	2775	3765	0.27%	0.020%
12	13.475	1720	1725	1727	rBV3	1761	2955	0.21%	0.015%
13	14.022	1811	1818	1819	rBV4	2102	3575	0.25%	0.019%
14	14.521	1900	1903	1908	rVB4	5603	5687	0.41%	0.029%
15	14.580	1908	1913	1914	rBV3	3004	3810	0.27%	0.020%
16	14.692	1922	1932	1941	rBV	495108	809517	57.71%	4.196%
17	14.874	1958	1963	1966	rBV7	3041	4641	0.33%	0.024%
18	15.079	1995	1998	2001	rVV3	3818	3642	0.26%	0.019%
19	15.109	2001	2003	2005	rVB3	3537	3496	0.25%	0.018%
20	15.414	2053	2055	2059	rVB4	2495	3278	0.23%	0.017%
21	15.461	2059	2063	2064	rBV4	3124	3553	0.25%	0.018%
22	15.479	2064	2066	2071	rVB5	3453	4983	0.36%	0.026%
23	15.561	2077	2080	2081	rBV3	3457	3441	0.25%	0.018%
24	15.620	2087	2090	2091	rBV3	3584	3056	0.22%	0.016%
25	15.685	2097	2101	2103	rBV4	3562	3860	0.28%	0.020%
26	15.726	2105	2108	2109	rBV3	3132	2940	0.21%	0.015%
27	15.814	2121	2123	2126	rVV4	4464	3698	0.26%	0.019%
28	15.937	2139	2144	2147	rBV7	4502	6713	0.48%	0.035%
29	15.967	2147	2149	2153	rBV5	2875	4306	0.31%	0.022%
30	16.172	2180	2184	2186	rBV5	4297	6988	0.50%	0.036%
31	16.254	2196	2198	2201	rBV4	4385	3893	0.28%	0.020%
32	16.284	2201	2203	2206	rBV3	3437	3681	0.26%	0.019%
33	16.472	2233	2235	2237	rVB3	4390	3701	0.26%	0.019%
34	16.495	2237	2239	2241	rBV3	4710	4446	0.32%	0.023%

LSC Area Percent Report

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Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

35	16.601	2255	2257	2258	rVB2	5727	2912	0.21%	0.015%
36	16.630	2258	2262	2265	rBV6	3981	5612	0.40%	0.029%
37	16.713	2274	2276	2278	rBV3	3782	4559	0.32%	0.024%
38	16.883	2303	2305	2307	rBV3	3972	3549	0.25%	0.018%
39	16.959	2314	2318	2323	rBV8	12481	21162	1.51%	0.110%
40	17.306	2373	2377	2381	rBV7	20350	31106	2.22%	0.161%
41	17.435	2392	2399	2404	rBV	569914	917686	65.42%	4.757%
42	17.477	2404	2406	2412	rVB	37528	45199	3.22%	0.234%
43	17.612	2423	2429	2432	rBV3	41537	67690	4.83%	0.351%
44	18.035	2494	2501	2506	rBV	149967	249998	17.82%	1.296%
45	18.146	2516	2520	2527	rBV9	30033	51923	3.70%	0.269%
46	18.199	2527	2529	2532	rBV4	7186	7904	0.56%	0.041%
47	18.281	2539	2543	2547	rBV3	30519	48210	3.44%	0.250%
48	18.334	2549	2552	2559	rVB9	24918	42804	3.05%	0.222%
49	18.499	2575	2580	2585	rBV	143230	185482	13.22%	0.961%
50	18.558	2585	2590	2594	rVV	82395	116600	8.31%	0.604%
51	18.605	2594	2598	2602	rVB4	44138	65337	4.66%	0.339%
52	18.781	2624	2628	2633	rBV2	80168	114681	8.17%	0.594%
53	18.881	2641	2645	2648	rBV2	42243	53000	3.78%	0.275%
54	18.916	2648	2651	2654	rVV2	32668	42357	3.02%	0.220%
55	18.957	2654	2658	2664	rVB2	68603	94129	6.71%	0.488%
56	19.263	2705	2710	2714	rBV2	53184	78241	5.58%	0.406%
57	19.339	2714	2723	2732	rVB3	323243	587756	41.90%	3.046%
58	19.480	2744	2747	2753	rVB	43625	62727	4.47%	0.325%
59	19.556	2754	2760	2763	rVV4	57751	135184	9.64%	0.701%
60	19.621	2766	2771	2778	rVV	428300	547504	39.03%	2.838%
61	19.680	2778	2781	2786	rVB6	27923	36683	2.61%	0.190%
62	19.880	2812	2815	2818	rBV5	26317	28803	2.05%	0.149%
63	19.956	2824	2828	2833	rVB3	76781	92270	6.58%	0.478%
64	20.062	2839	2846	2851	rVB2	229736	448120	31.94%	2.323%
65	20.185	2862	2867	2871	rBV	263260	342407	24.41%	1.775%
66	20.226	2871	2874	2880	rVB3	108455	186875	13.32%	0.969%
67	20.326	2885	2891	2895	rBV	807929	1032264	73.58%	5.350%
68	20.373	2895	2899	2905	rVB2	122428	156297	11.14%	0.810%
69	20.450	2909	2912	2916	rVV6	39173	55728	3.97%	0.289%
70	20.520	2920	2924	2930	rVV2	124023	164185	11.70%	0.851%
71	20.596	2932	2937	2942	rVV	1108735	1367974	97.52%	7.090%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

72	20.655	2942	2947	2959	rVB2	287123	409475	29.19%	2.122%
73	20.755	2959	2964	2972	rBV3	295334	497127	35.44%	2.577%
74	20.855	2977	2981	2984	rVV6	72308	109126	7.78%	0.566%
75	20.920	2984	2992	2999	rVV	712512	1402831	100.00%	7.271%
76	20.972	2999	3001	3004	rVV4	64601	73462	5.24%	0.381%
77	21.014	3005	3008	3010	rVV4	33751	40032	2.85%	0.207%
78	21.078	3014	3019	3024	rVV2	372521	507323	36.16%	2.630%
79	21.149	3026	3031	3037	rVB2	221606	296174	21.11%	1.535%
80	21.254	3045	3049	3053	rBV3	82740	111364	7.94%	0.577%
81	21.296	3053	3056	3061	rVB6	34414	49678	3.54%	0.257%
82	21.384	3066	3071	3077	rVB	313007	450842	32.14%	2.337%
83	21.448	3077	3082	3089	rVB2	192078	284512	20.28%	1.475%
84	21.513	3089	3093	3096	rBV4	106761	158826	11.32%	0.823%
85	21.542	3096	3098	3106	rVV4	67525	99527	7.09%	0.516%
86	21.636	3110	3114	3118	rVB6	43747	57535	4.10%	0.298%
87	21.701	3119	3125	3127	rVV	608387	971865	69.28%	5.037%
88	21.730	3127	3130	3138	rVB	813163	1276970	91.03%	6.619%
89	22.142	3194	3200	3208	rBV2	332632	615745	43.89%	3.192%
90	22.224	3210	3214	3220	rVB6	92285	156045	11.12%	0.809%
91	22.318	3225	3230	3237	rVB4	130194	213704	15.23%	1.108%
92	22.806	3309	3313	3318	rBV8	34686	56068	4.00%	0.291%
93	23.129	3362	3368	3375	rBV5	100698	188254	13.42%	0.976%
94	23.799	3478	3482	3486	rBV7	15621	27529	1.96%	0.143%
95	24.933	3666	3675	3688	rVB2	365591	1040945	74.20%	5.395%
96	25.920	3841	3843	3844	rBV2	8424	6974	0.50%	0.036%
97	28.834	4337	4339	4342	rBV4	7481	5159	0.37%	0.027%
98	29.909	4520	4522	4524	rVB3	7393	4012	0.29%	0.021%
99	30.796	4671	4673	4674	rBV2	7209	6775	0.48%	0.035%
100	31.742	4832	4834	4836	rBV3	6428	4572	0.33%	0.024%

Sum of corrected areas: 19293172

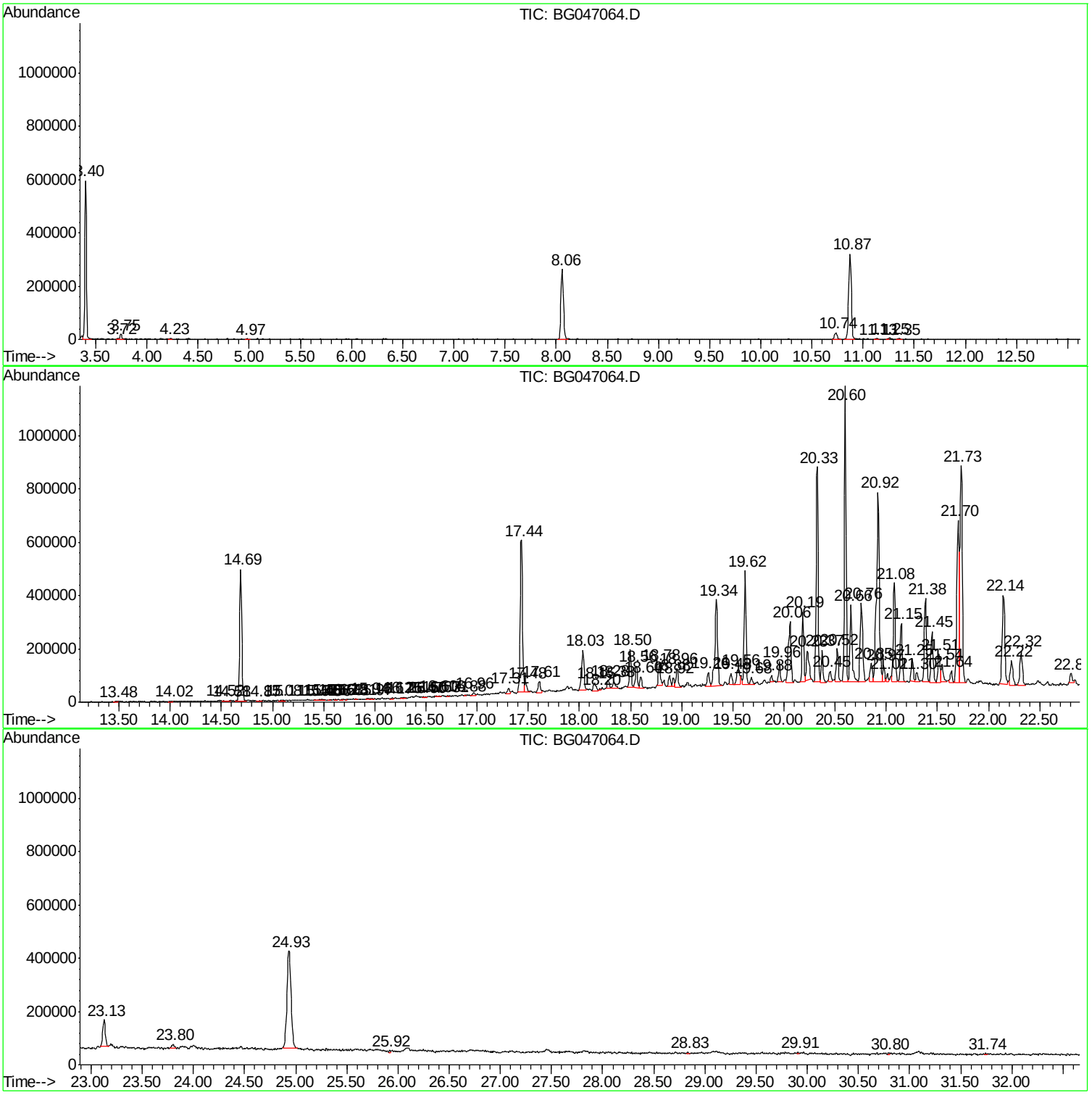
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
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Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

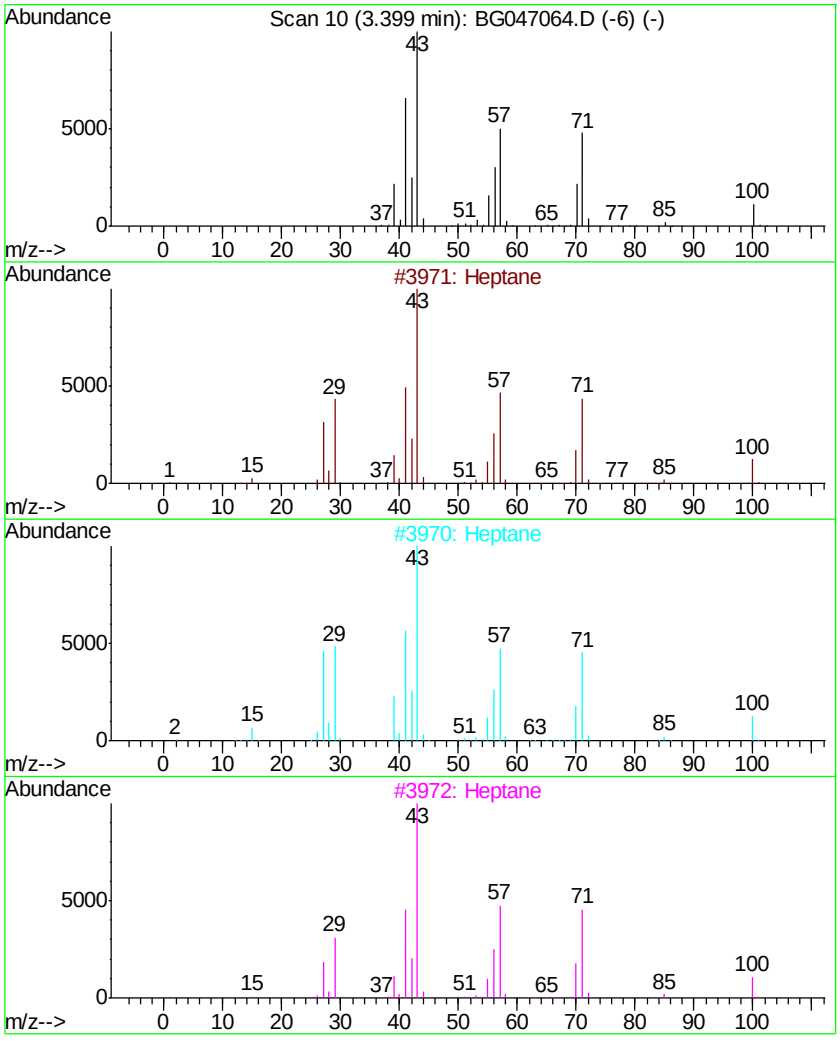
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

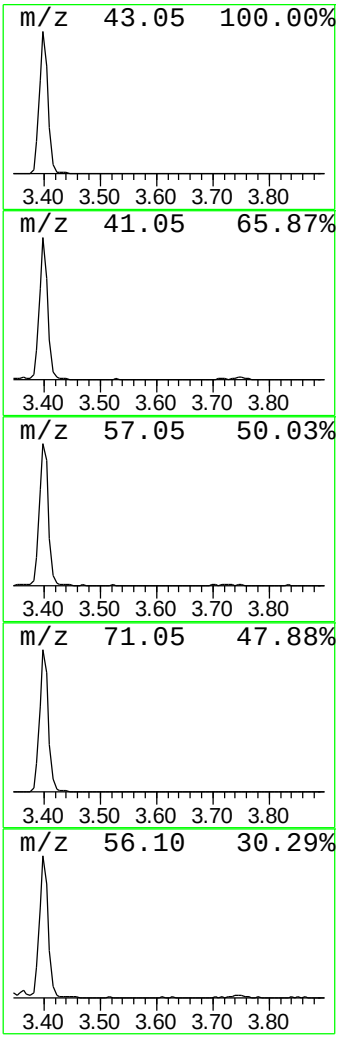
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	28.66 ng/ul	647118	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	86
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	47





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Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
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Instrument : BNA_G
ClientSampleId : C0AH9

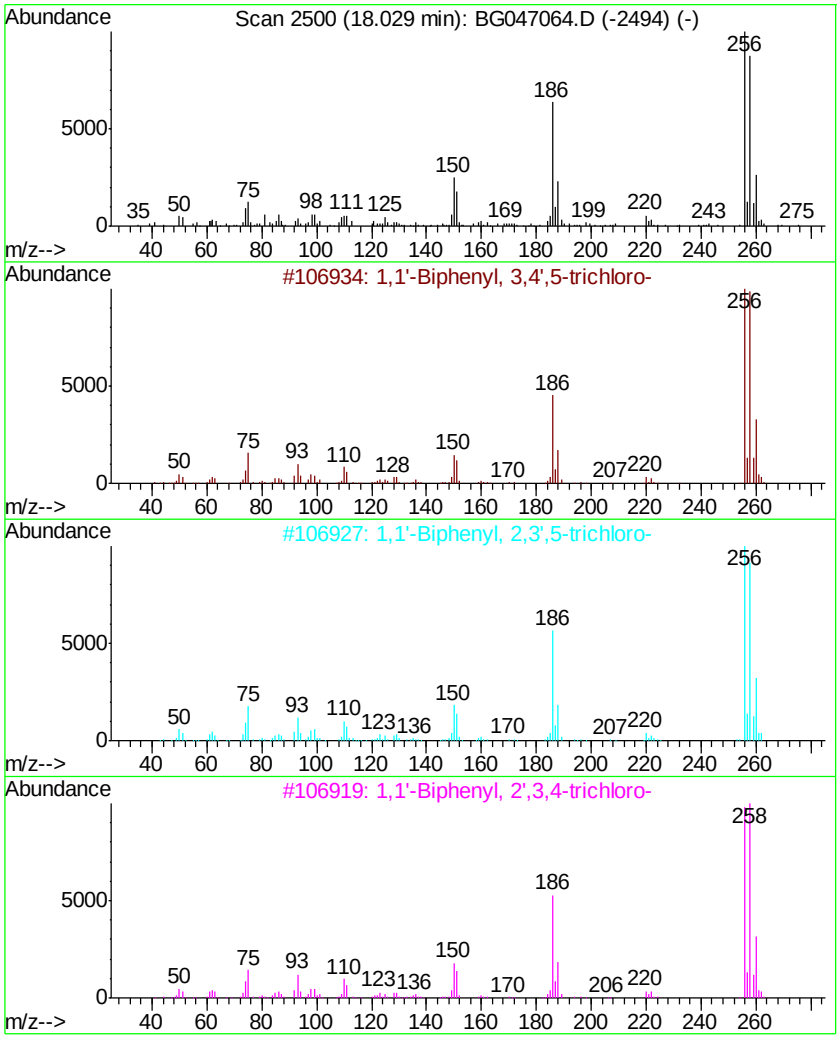
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

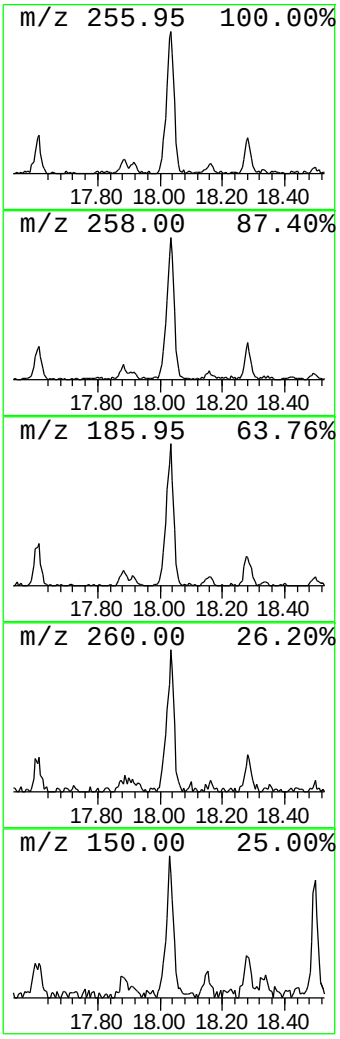
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	5.45 ng/ul	249998	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	96
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	96
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	96
5	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	96





Library Search Compound Report

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Acq On : 23 Oct 2020 13:52
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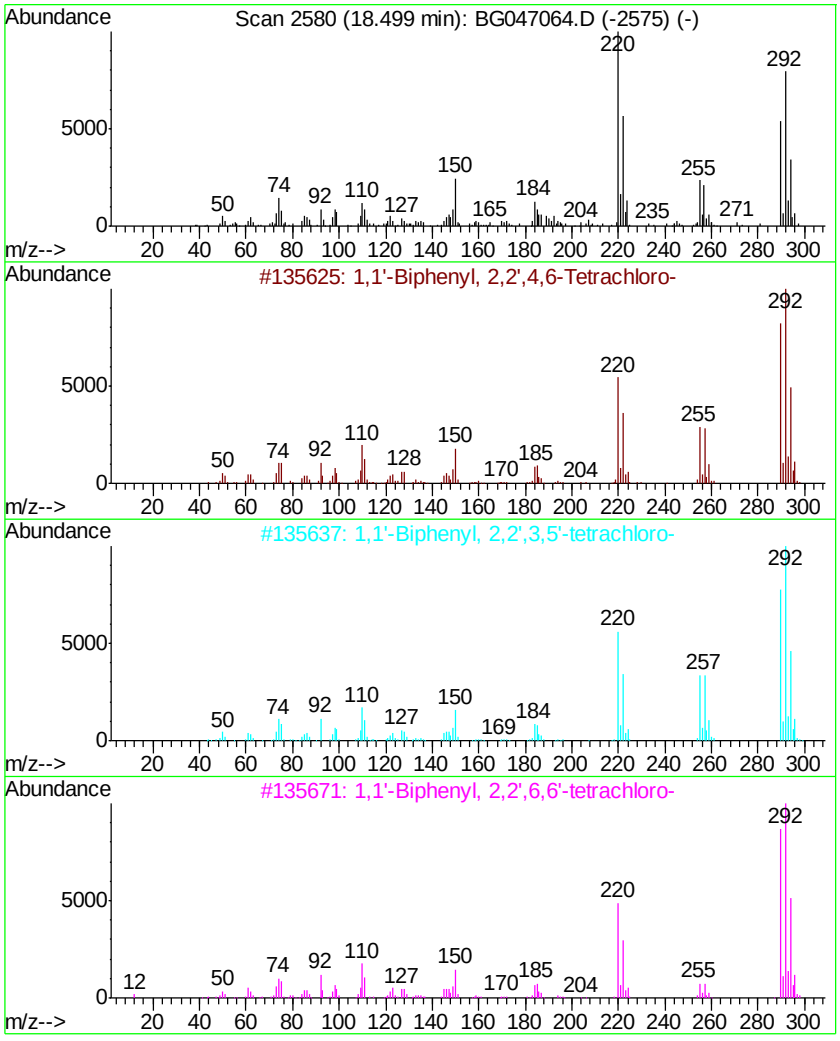
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

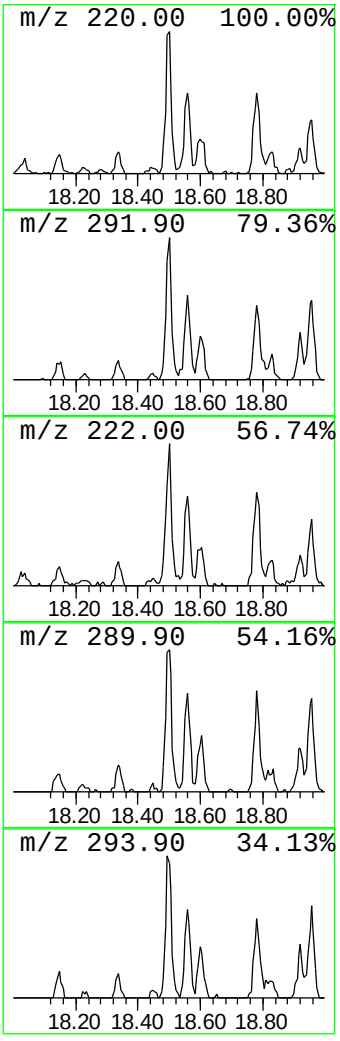
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.04 ng/ul	185482	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	98
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97





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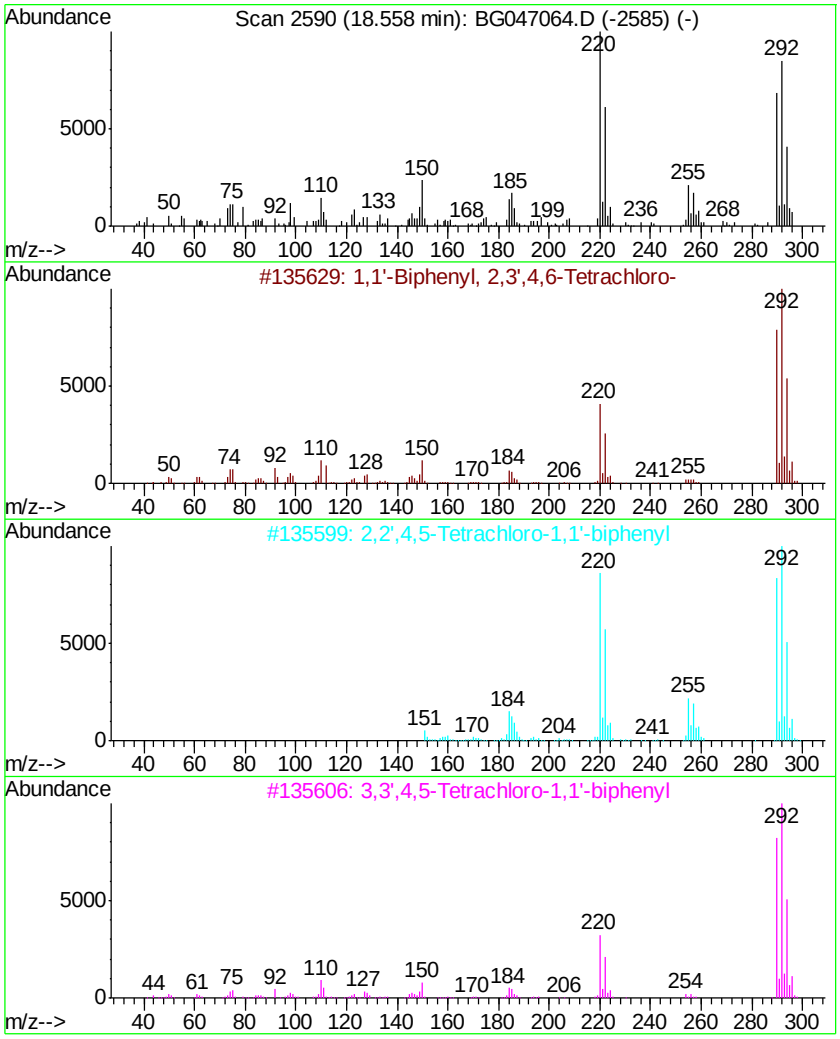
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

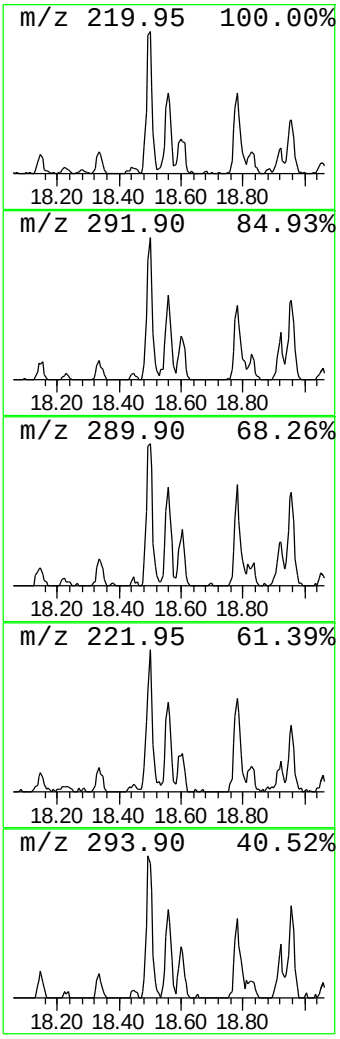
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.54 ng/ul	116600	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	2,3,4,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	054230-22-7	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





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Data File : BG047064.D
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

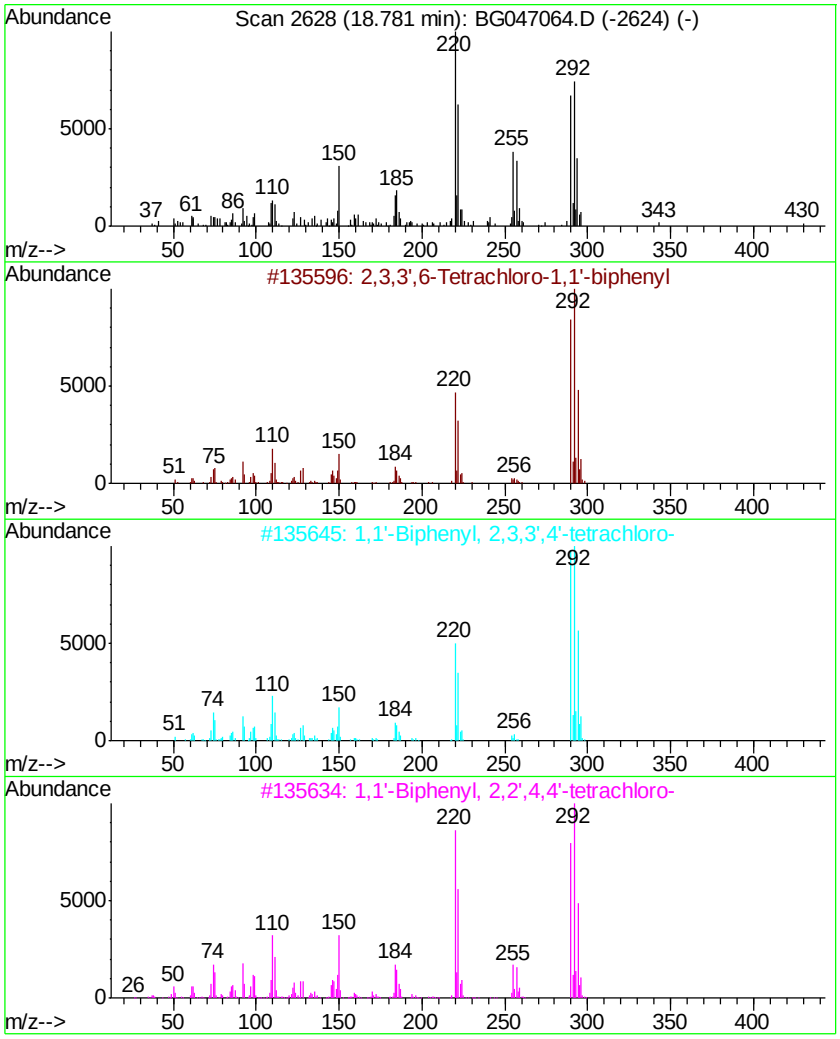
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

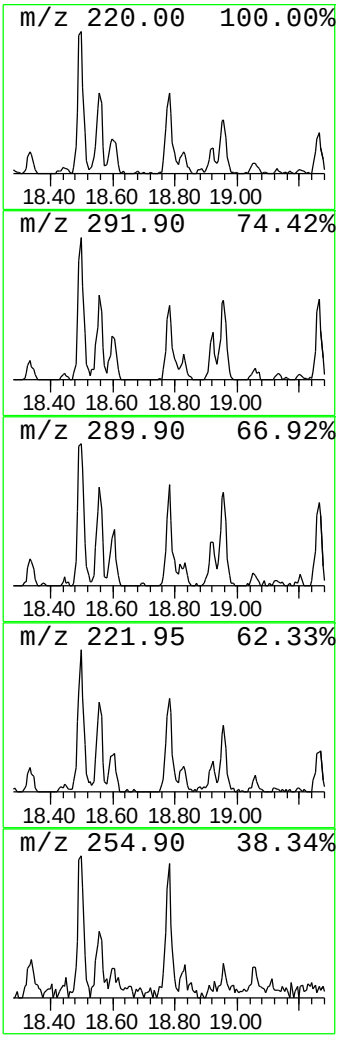
****

Peak Number 5 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	2.50 ng/ul	114681	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99





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Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

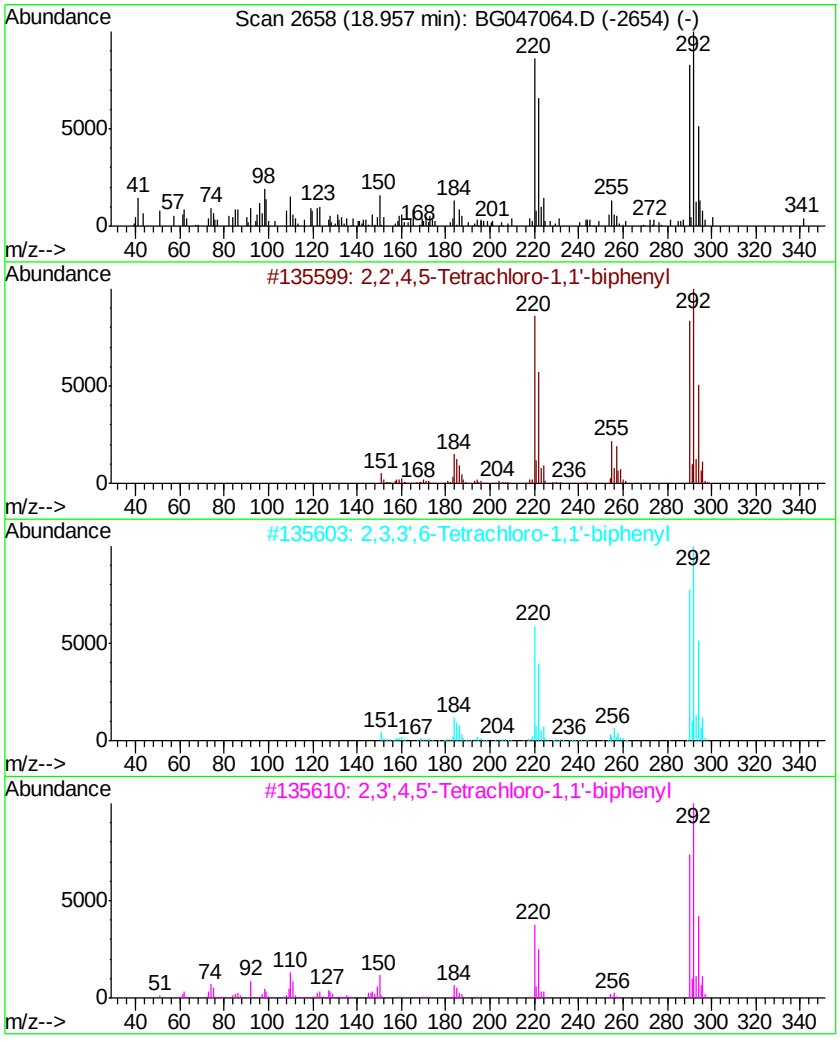
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

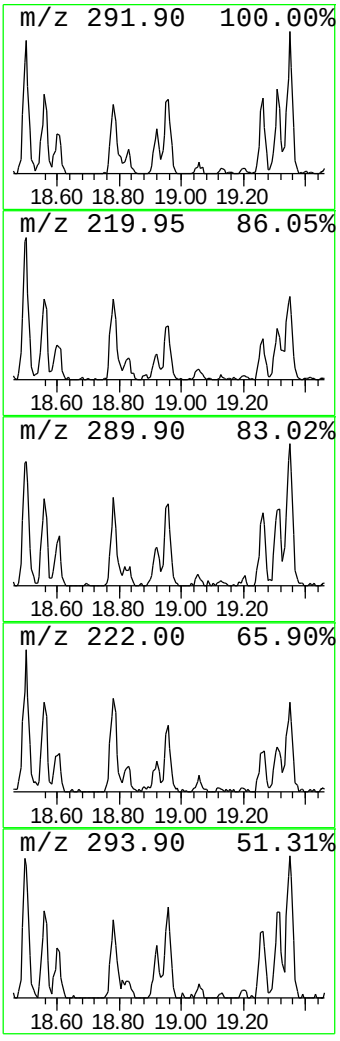
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.05 ng/ul	94129	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	94
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	94
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	93
4	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	93
5	2,3,4,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	054230-22-7	93





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Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

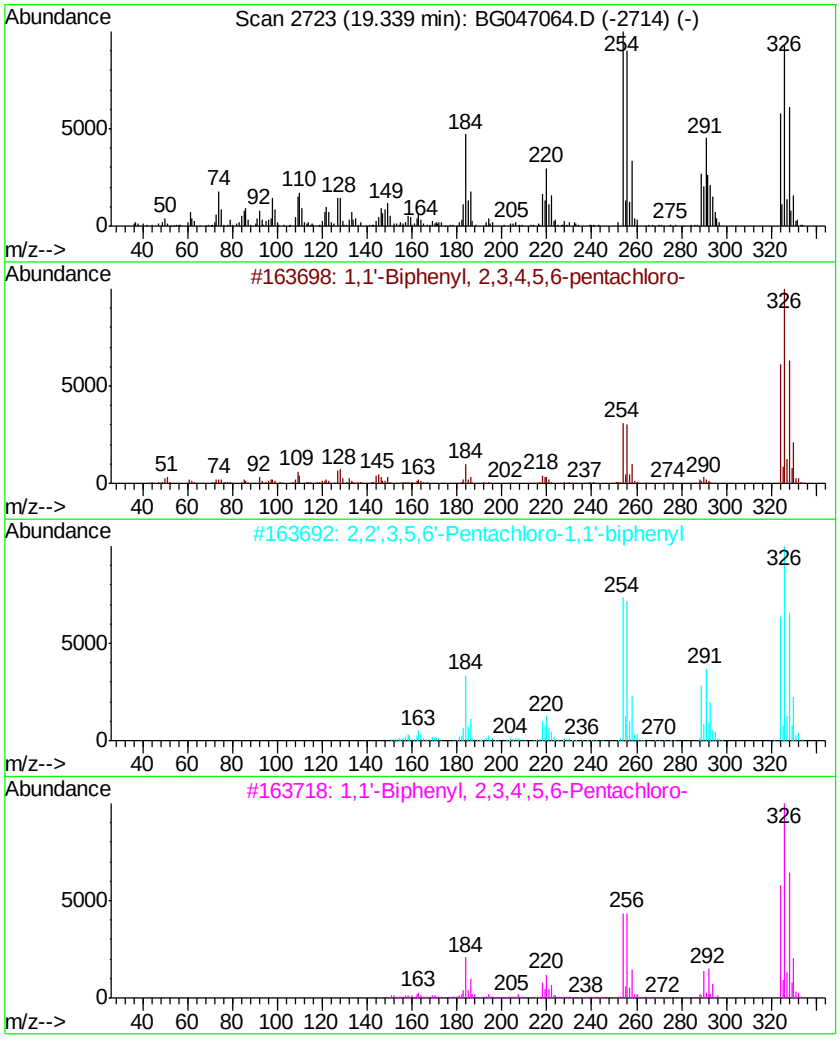
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

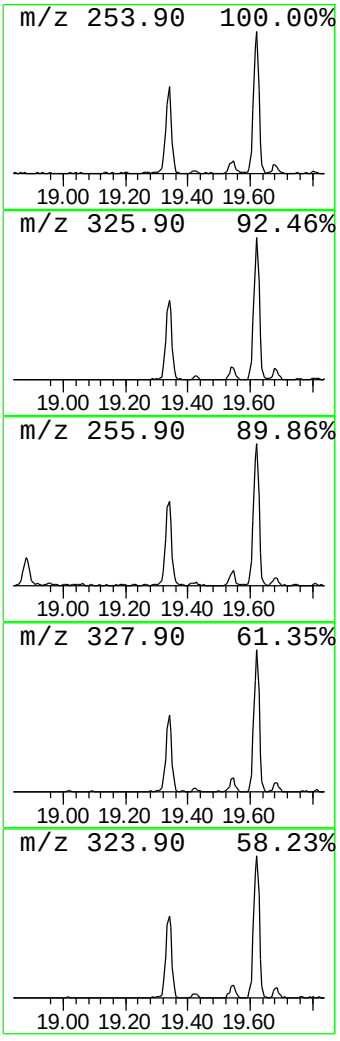
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	12.81 ng/ul	587756	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	99
2	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
3	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99





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Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

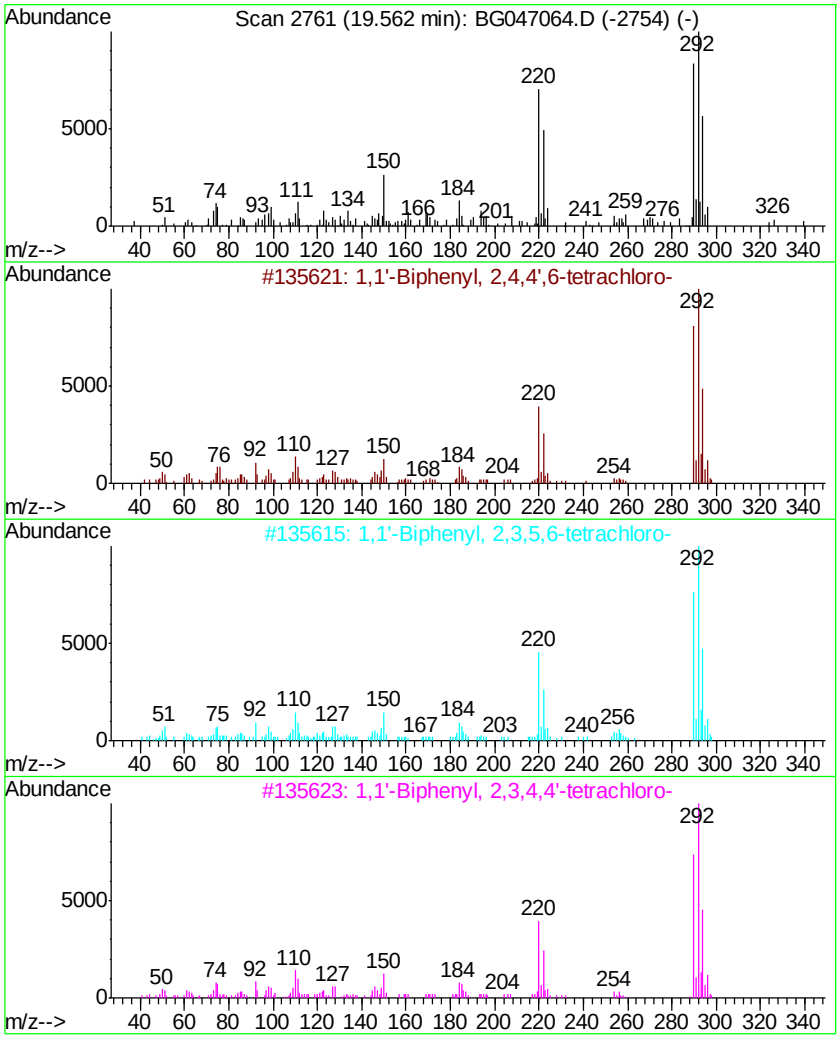
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

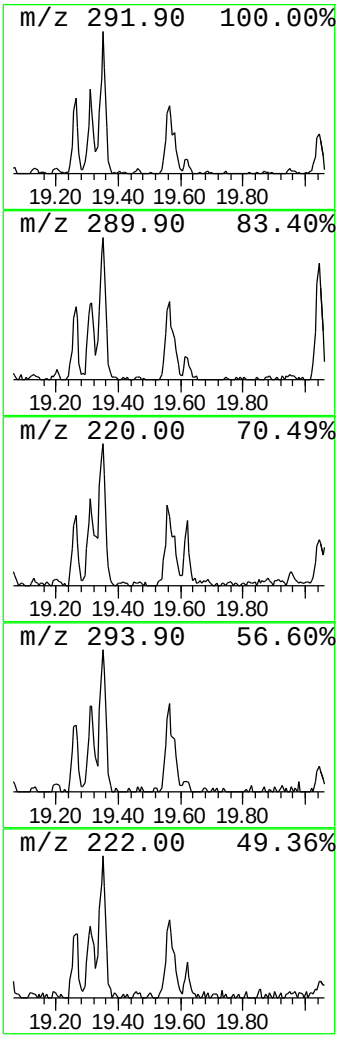
****

Peak Number 8 1,1'-Biphenyl, 2,4,4',6-tet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.95 ng/ul	135184	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
2	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	99
3	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
4	2,3,4,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	054230-22-7	99
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
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Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

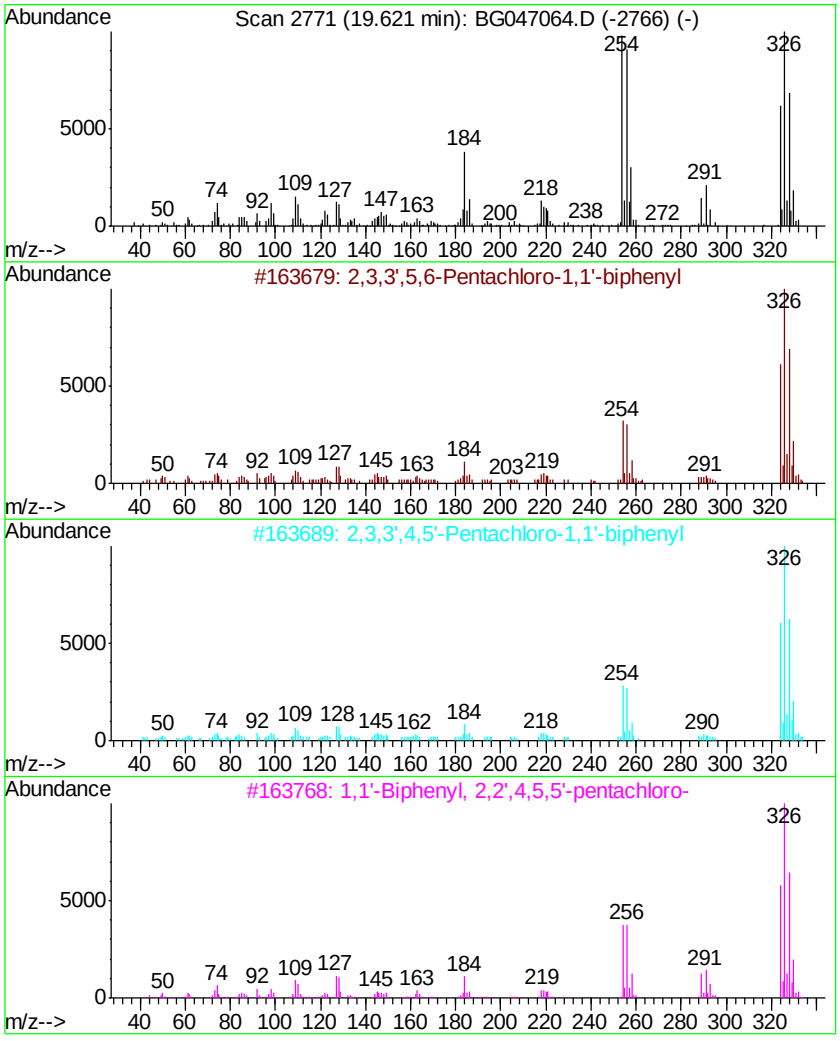
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

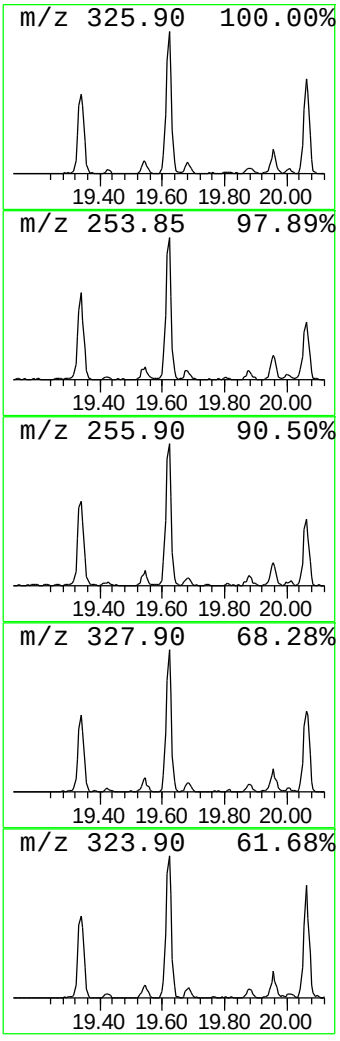
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	11.27 ng/ul	547504	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	98
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	96
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96





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Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

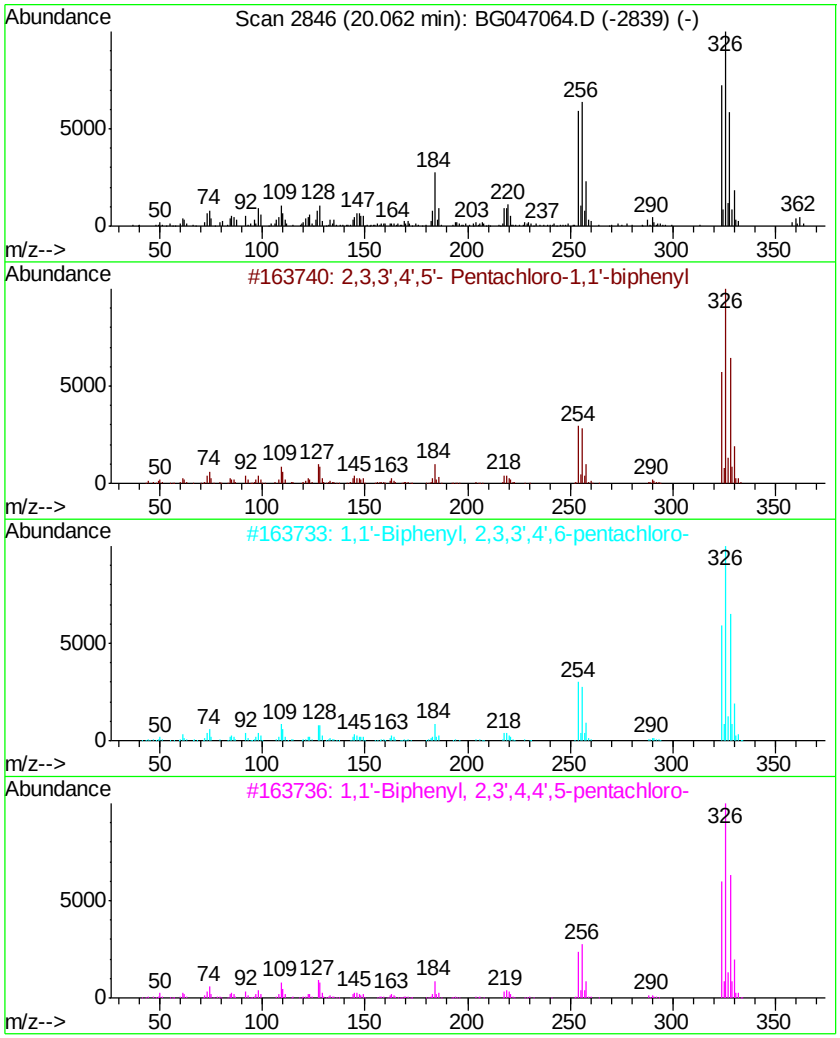
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

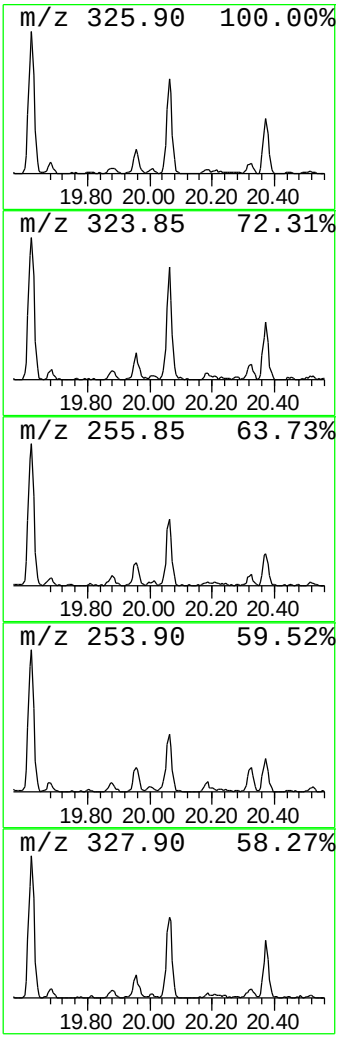
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,3,3',4',5'- Pentachloro-1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	9.22 ng/ul	448120	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	98
5	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

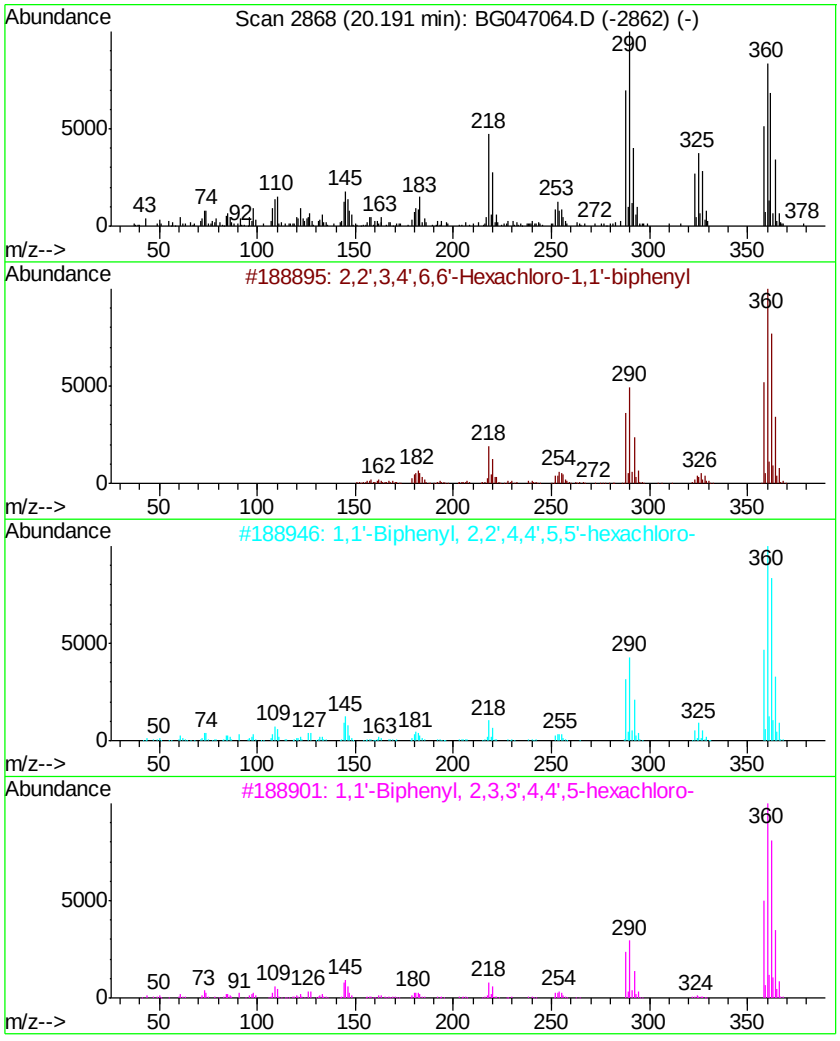
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

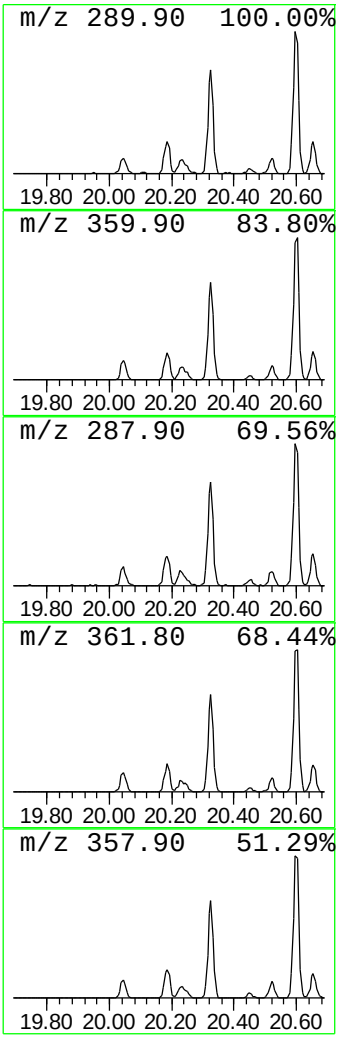
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,2',3,4',6,6'-Hexachloro-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	7.05 ng/ul	342407	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99





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Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

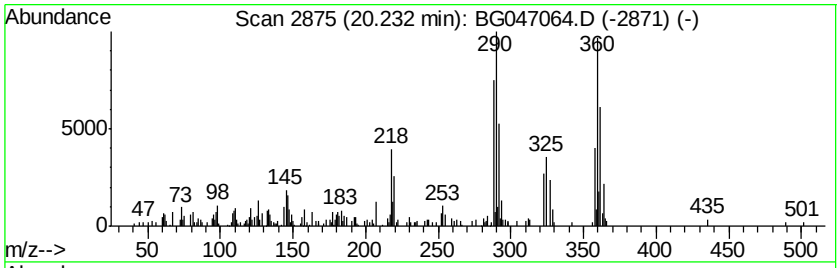
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

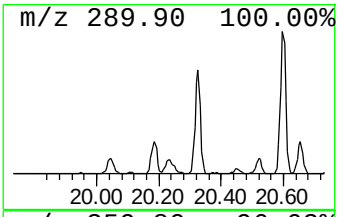
****

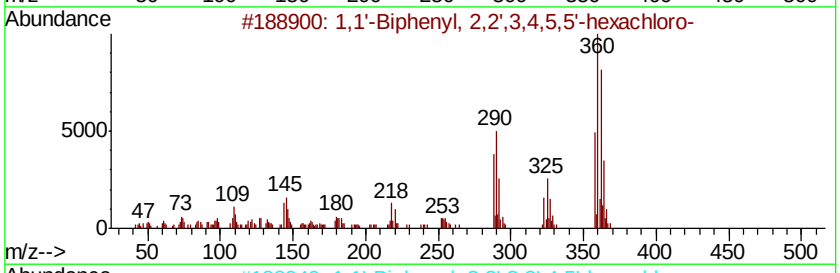
Peak Number 12 unknown-01 Concentration Rank 20

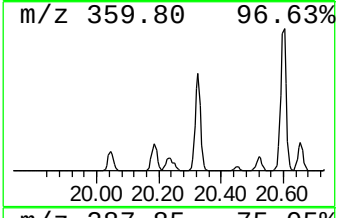
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	3.85 ng/ul	186875	Chrysene-d12	21.70

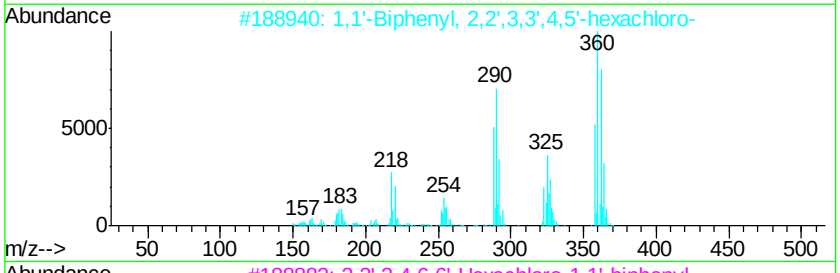
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
4	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99
5	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99

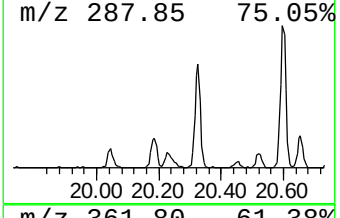


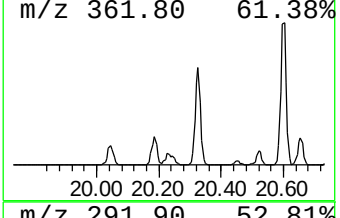


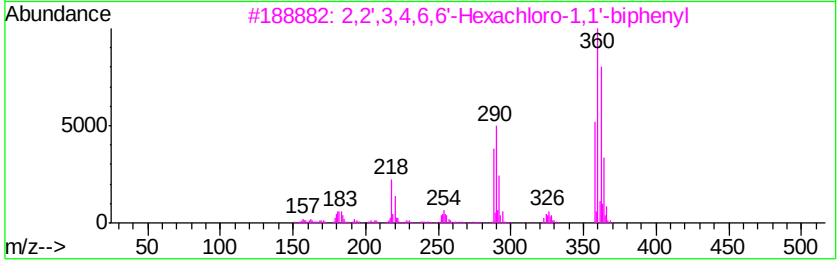


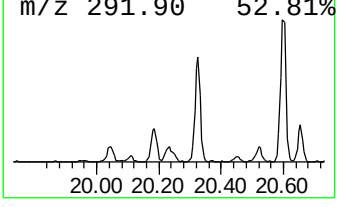












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

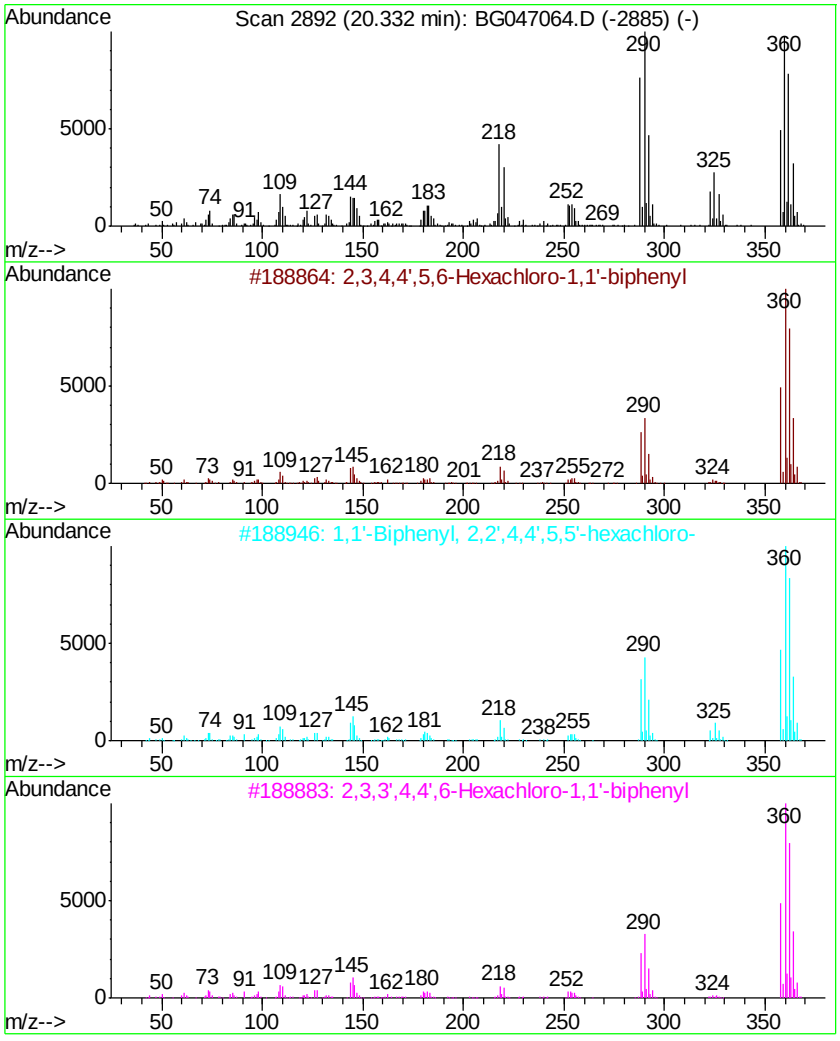
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

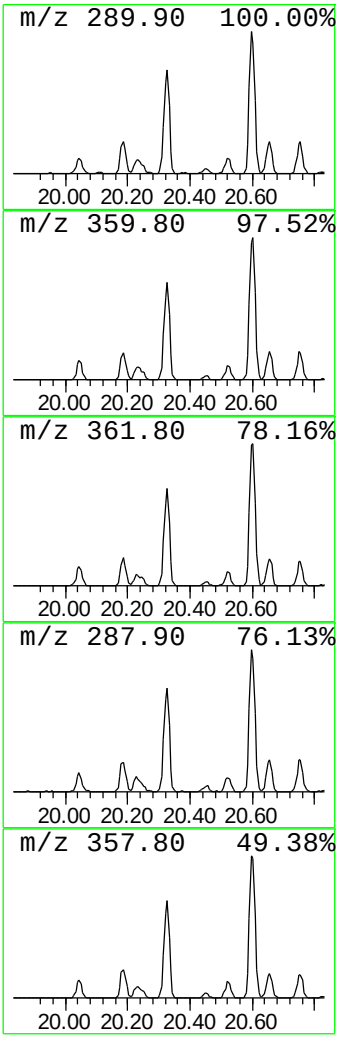
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	21.24 ng/ul	1032260	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

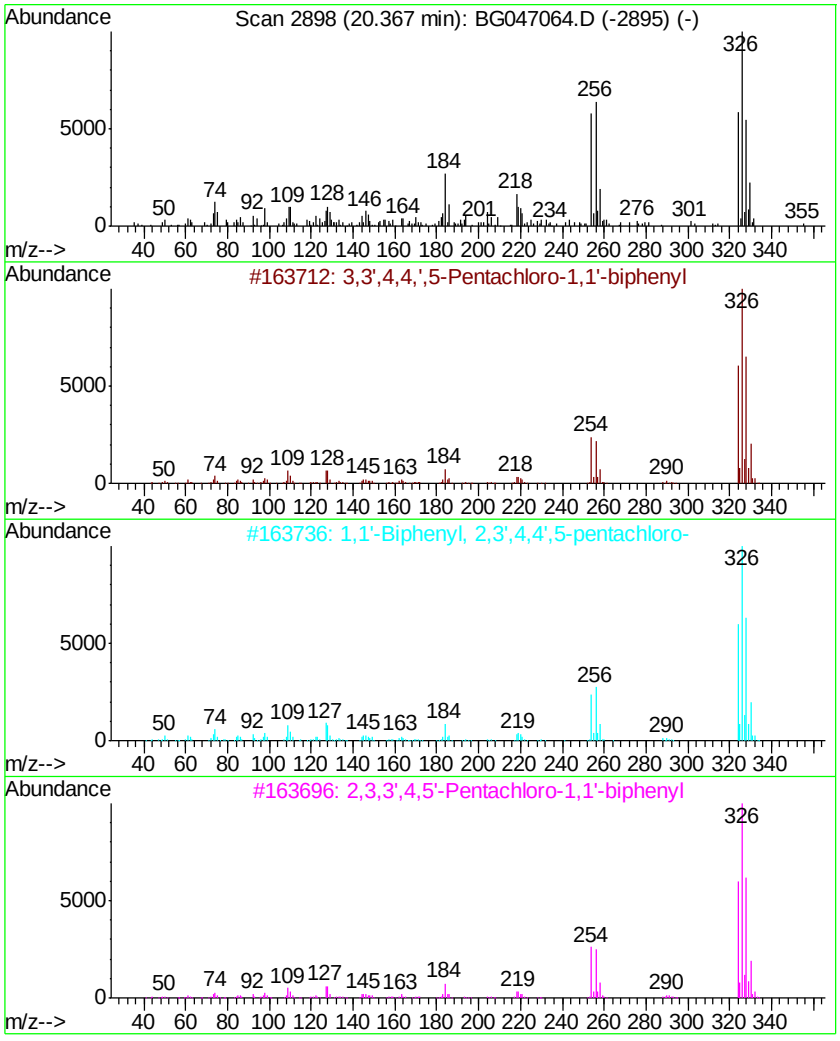
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

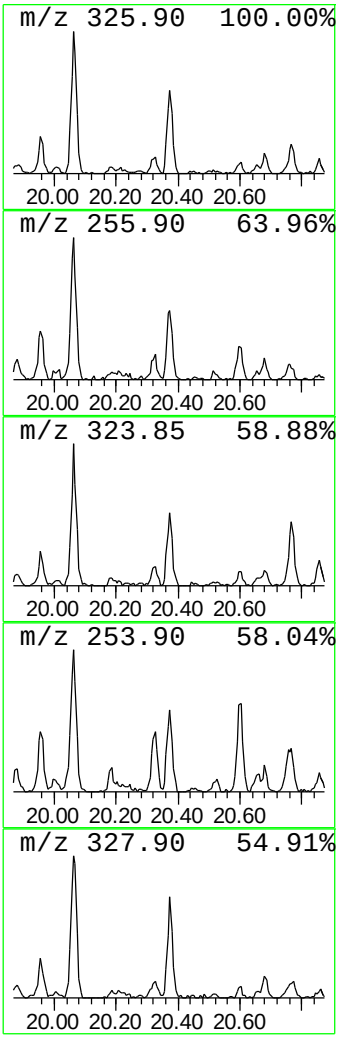
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3,3',4,4',5-Pentachloro-1,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	3.22 ng/ul	156297	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	97
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	96
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96





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Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

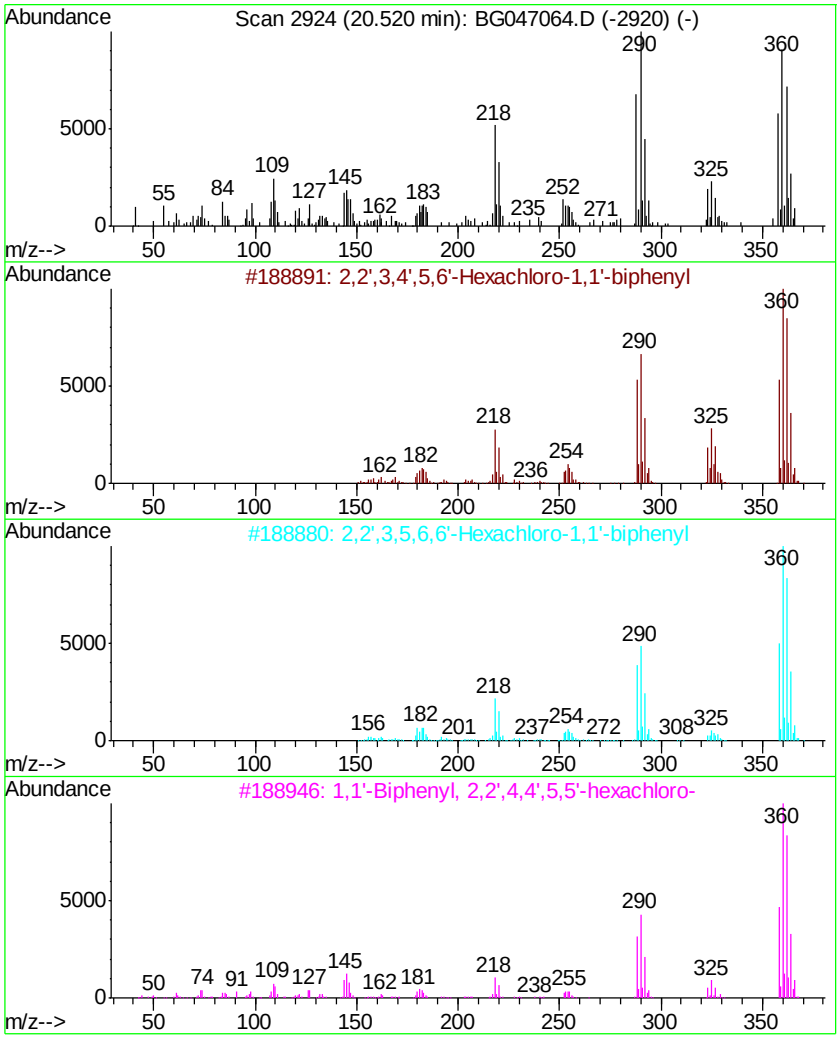
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

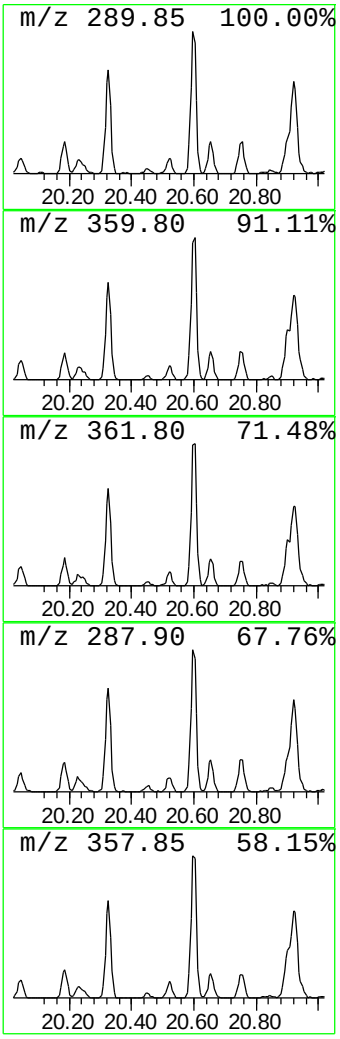
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	3.38 ng/ul	164185	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
2	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99





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Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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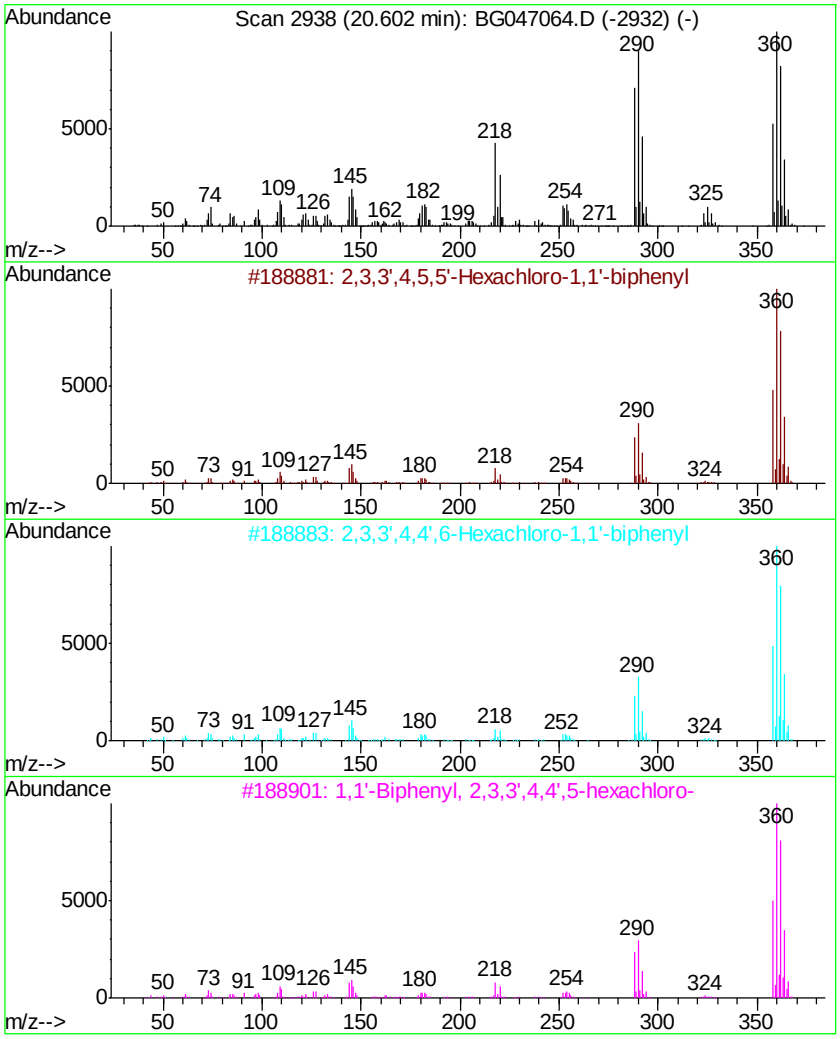
Quant Title : SVOA CALIBRATION

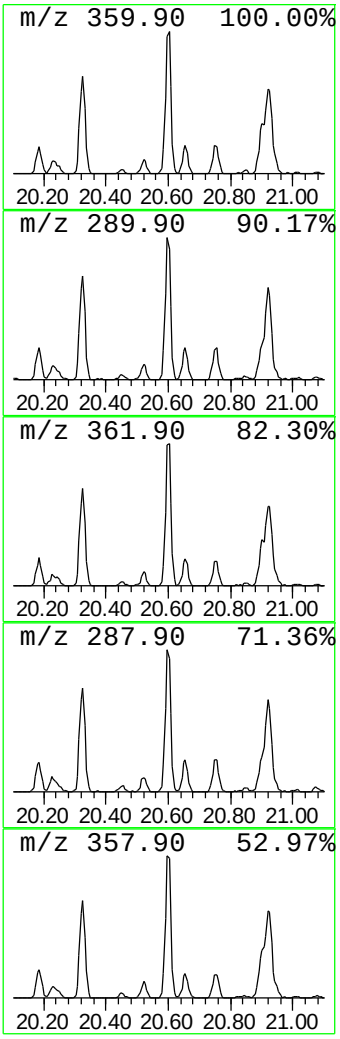
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	28.15 ng/ul	1367970	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
2	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99





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Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

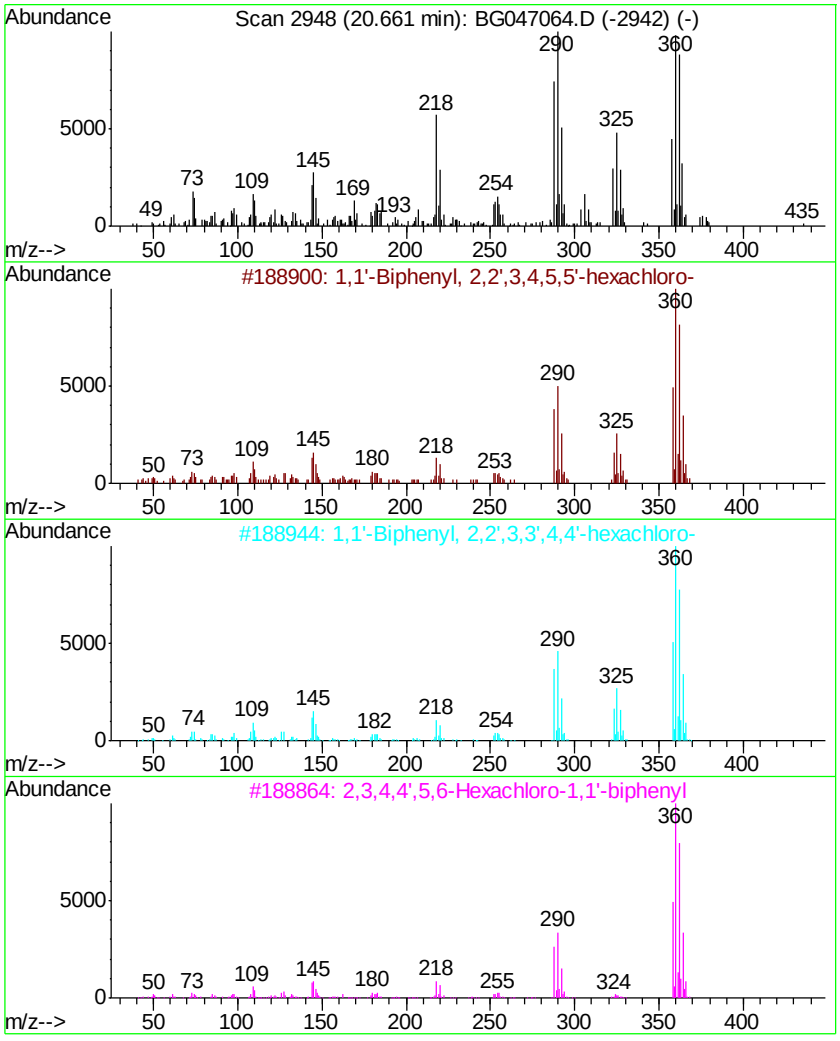
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

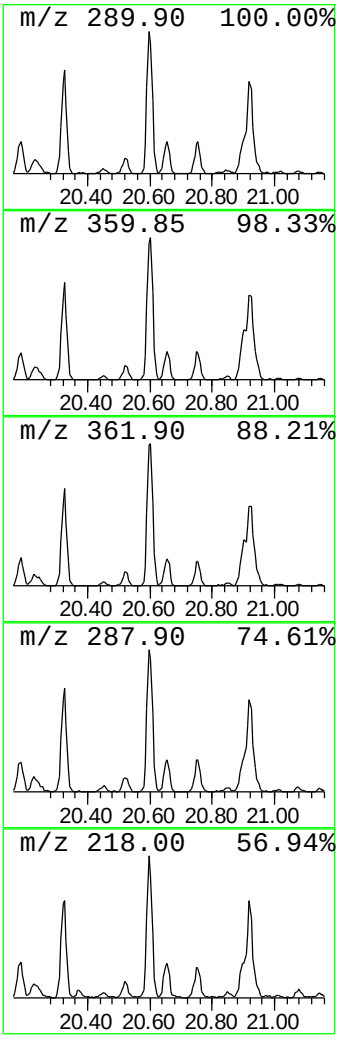
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	8.43 ng/ul	409475	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

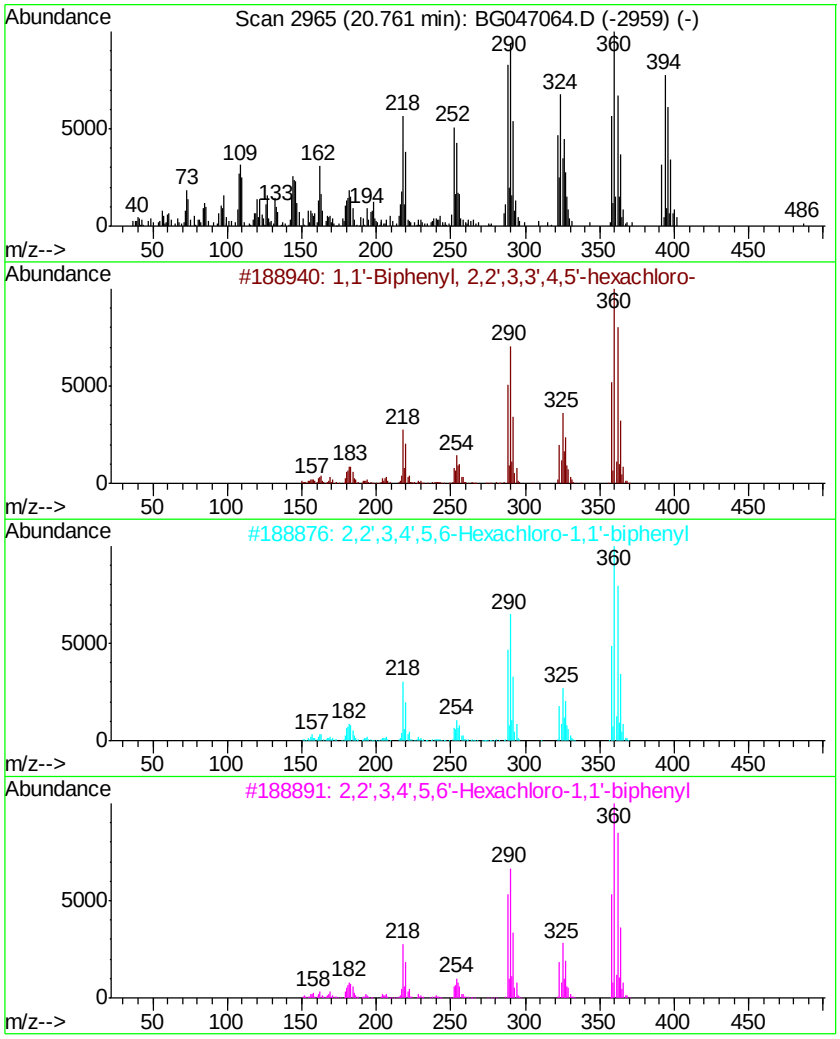
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

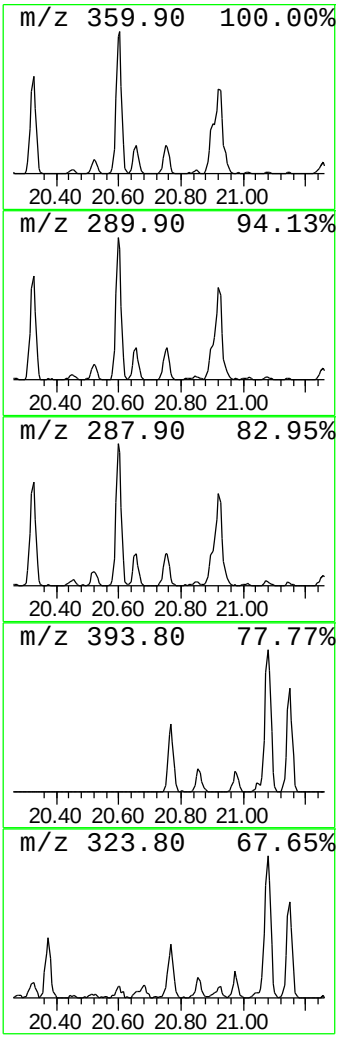
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	10.23 ng/ul	497127	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
4	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

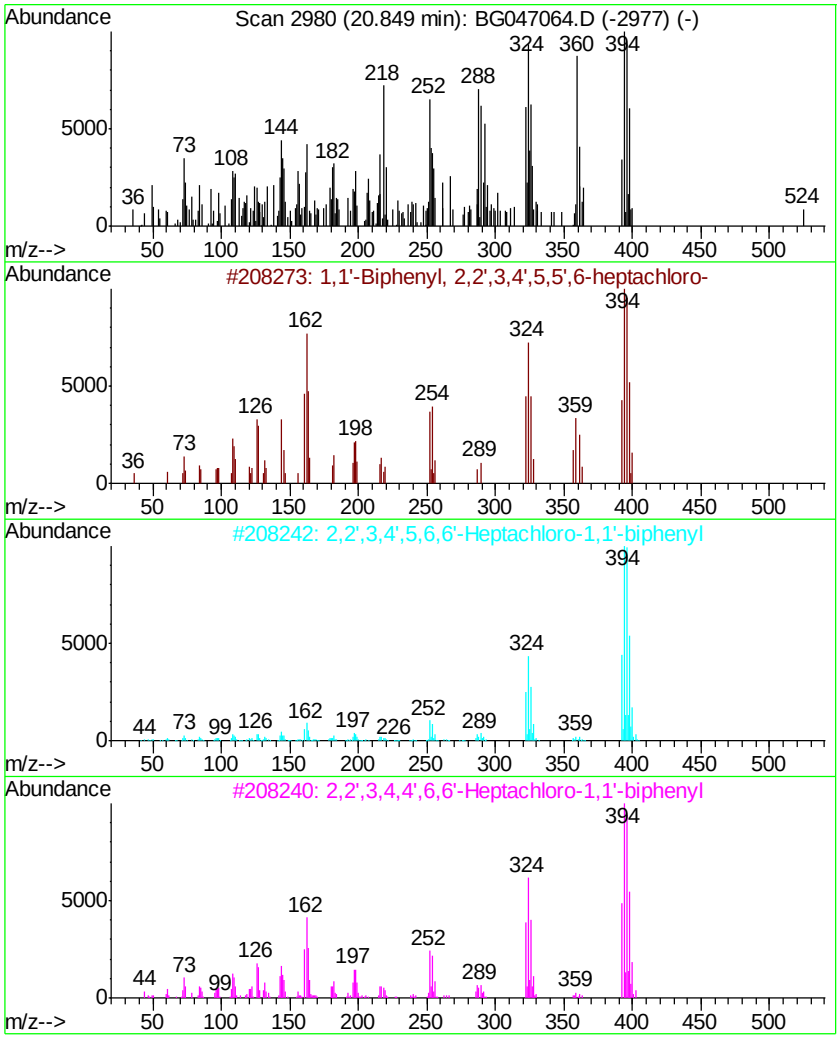
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

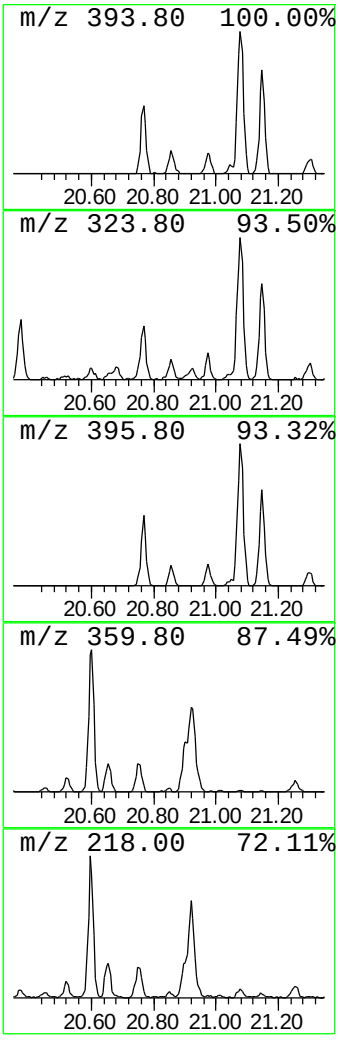
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.25 ng/ul	109126	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	94
2	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	93
3	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	93
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	93
5	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	93





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Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

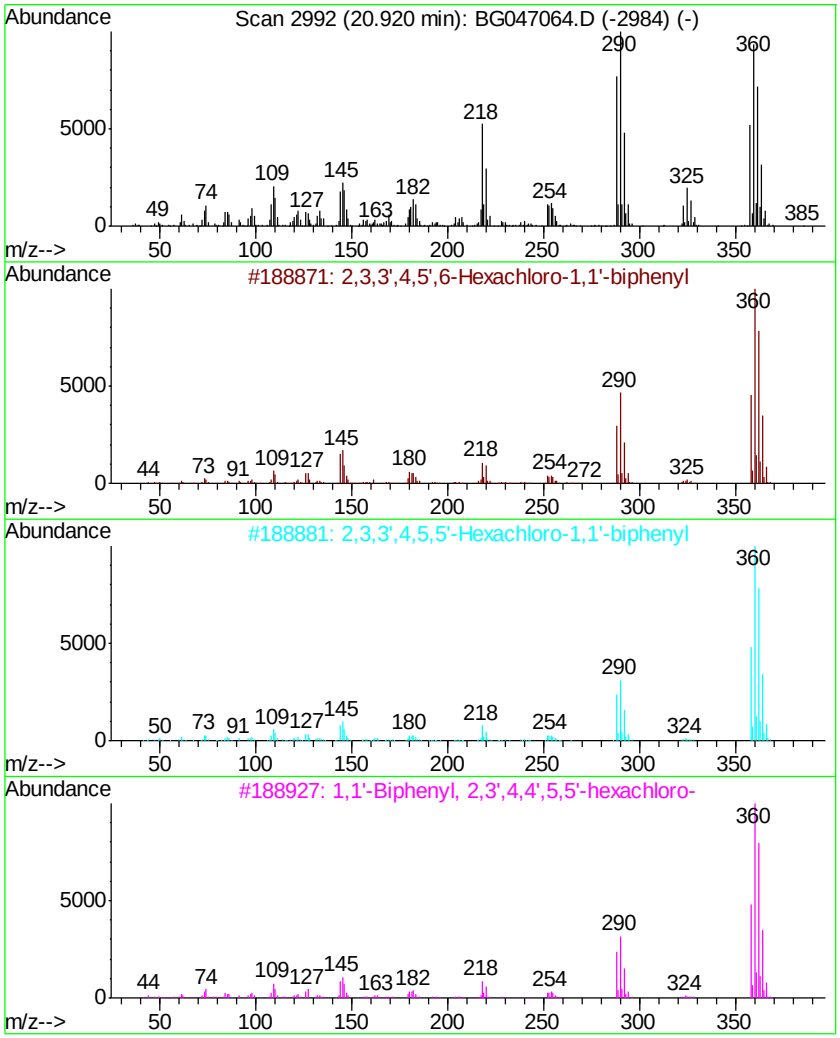
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

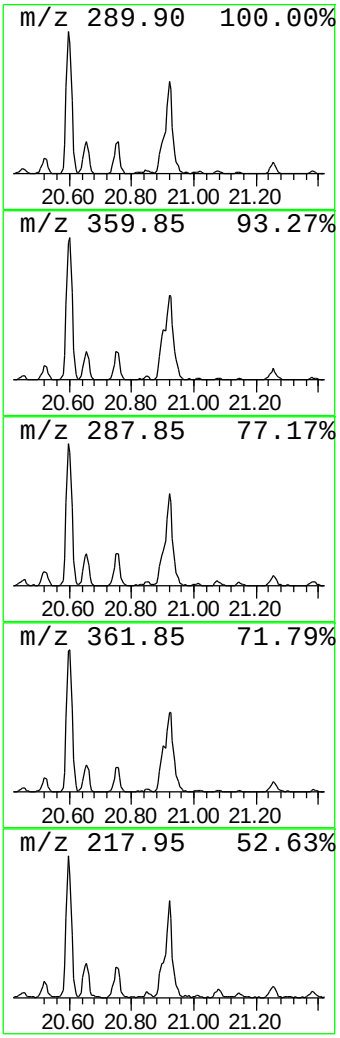
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	28.87 ng/ul	1402830	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





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Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

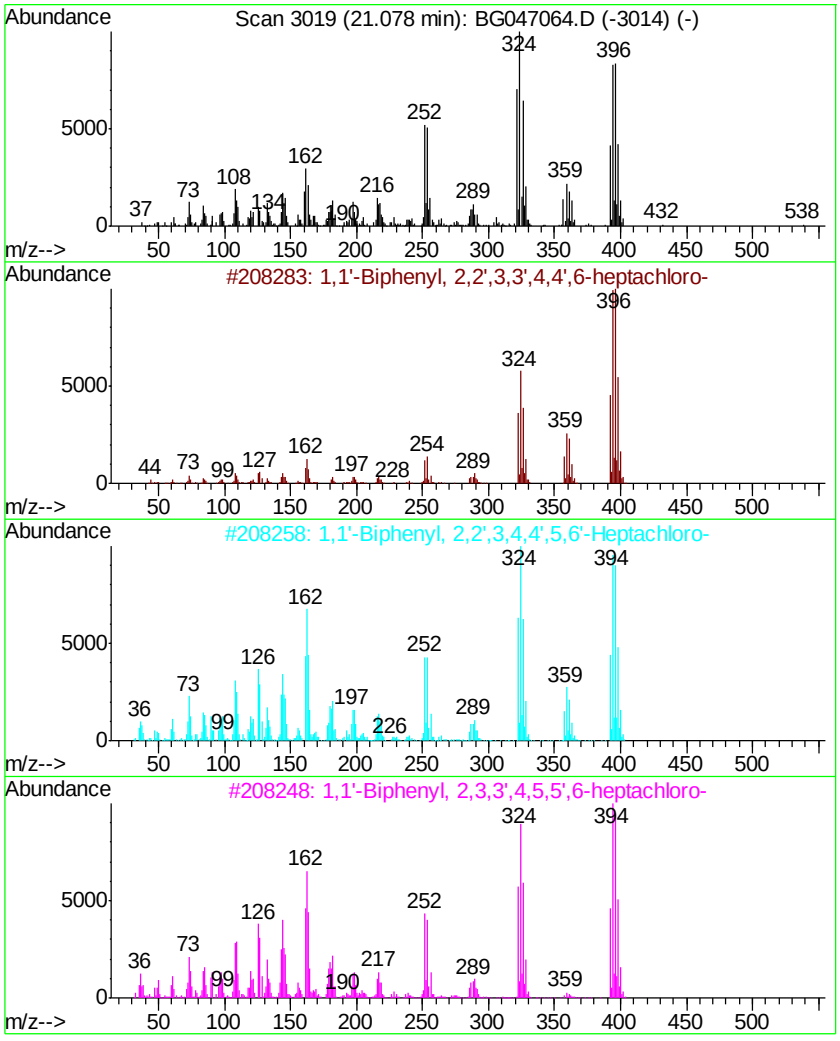
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

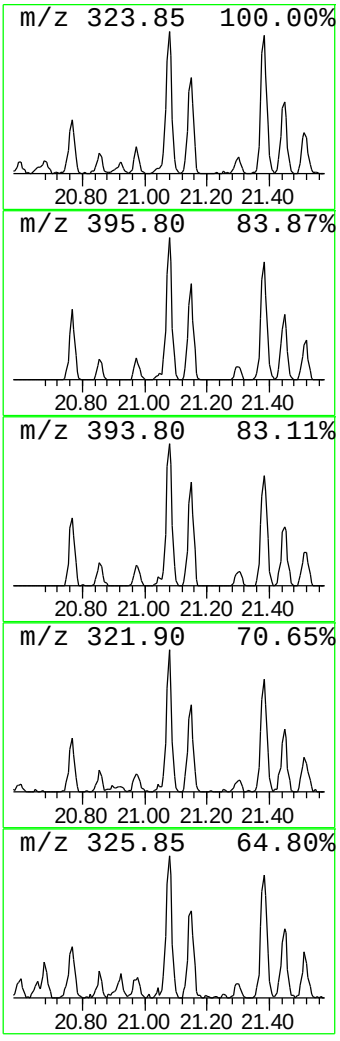
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	10.44 ng/ul	507323	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
3	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	96
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	96





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Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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Quant Title : SVOA CALIBRATION

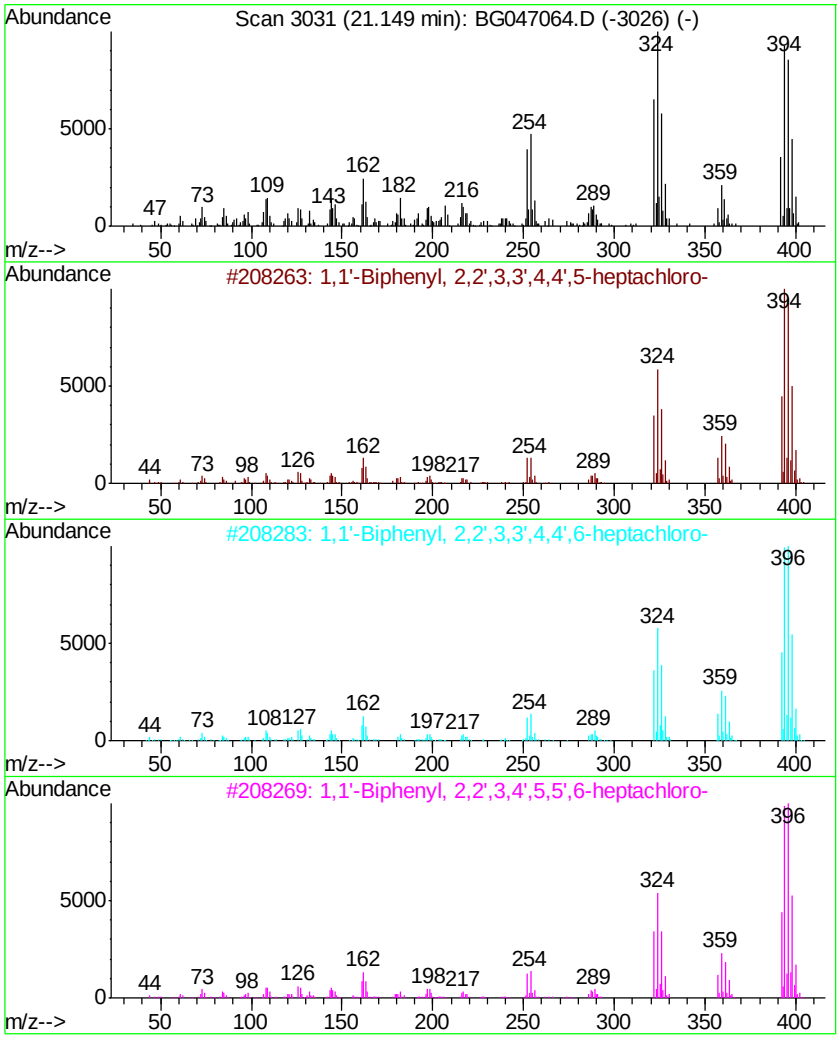
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

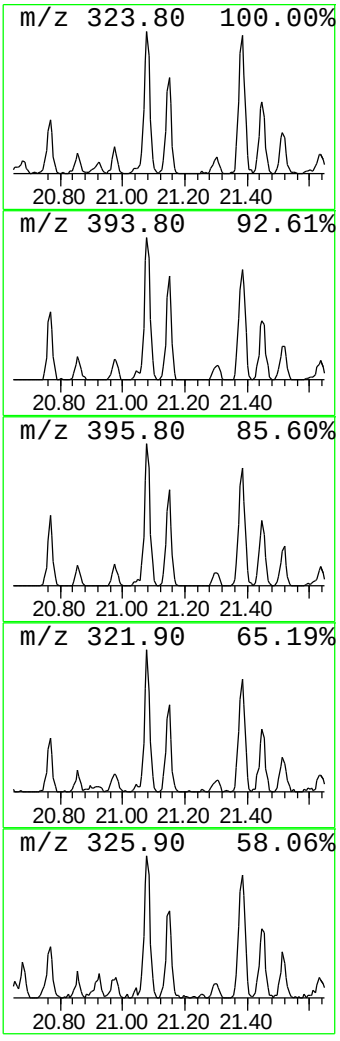
****

Peak Number 22 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	6.09 ng/ul	296174	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99





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Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

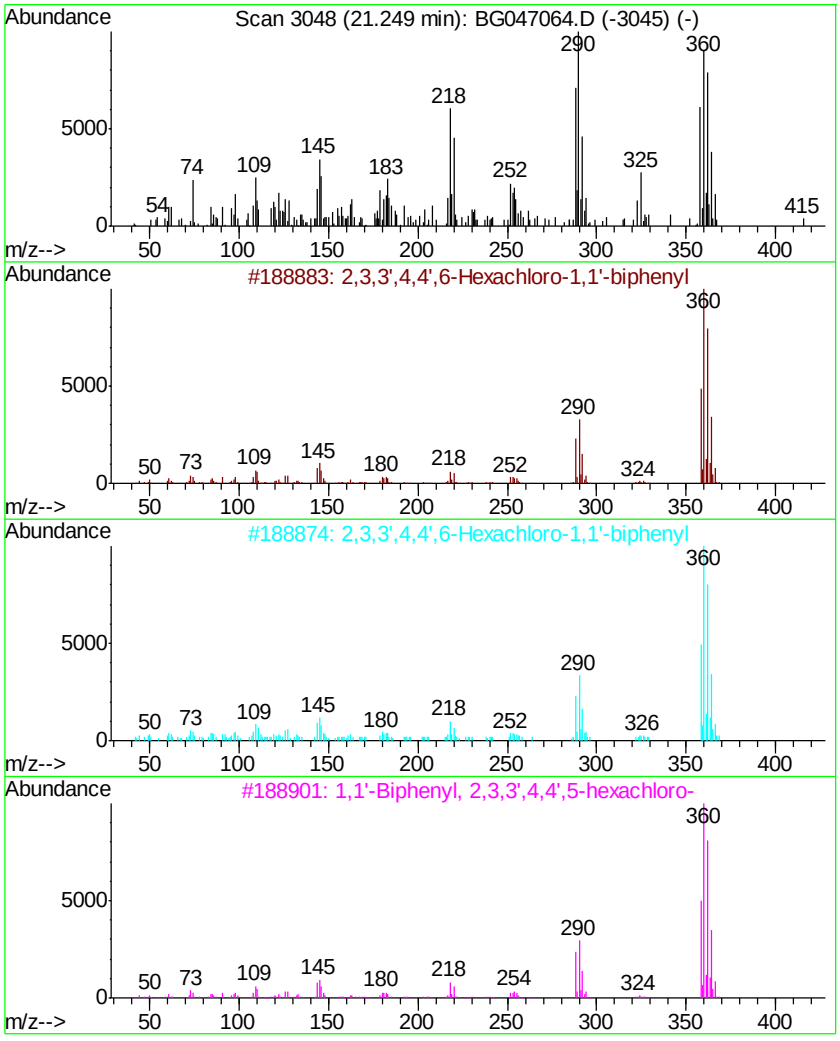
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

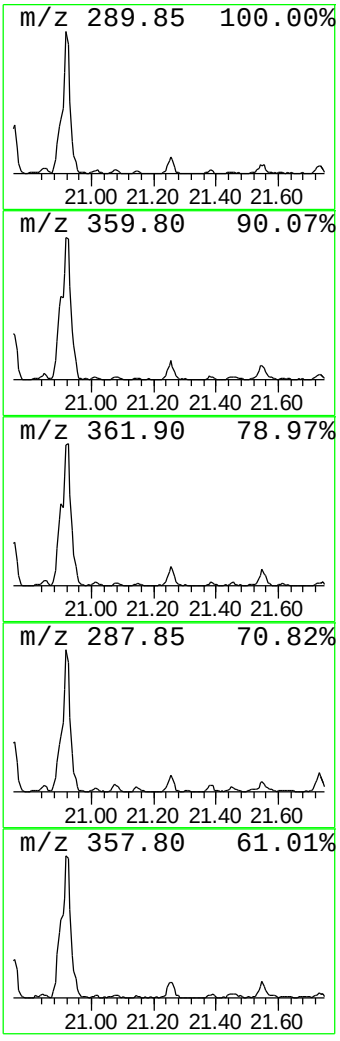
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,3,3',4,4',6-Hexachloro-1,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	2.29 ng/ul	111364	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
2	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99





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Operator : CG/JU
Sample : L4451-17
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

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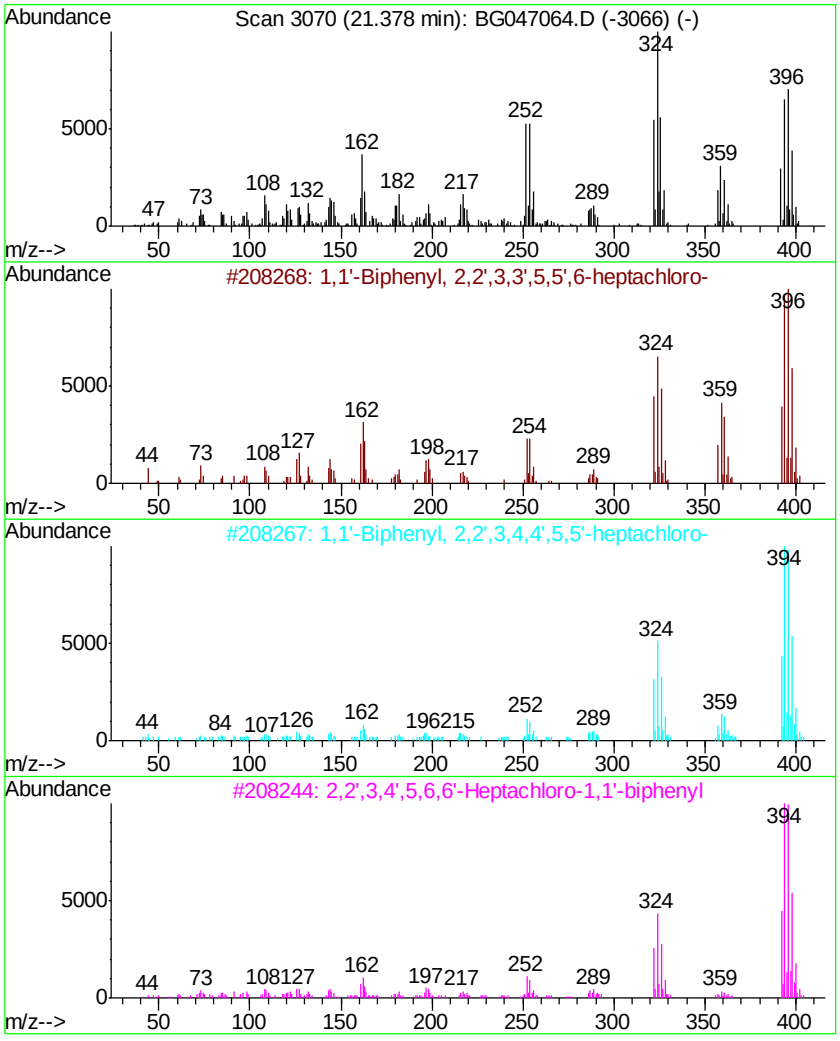
Quant Title : SVOA CALIBRATION

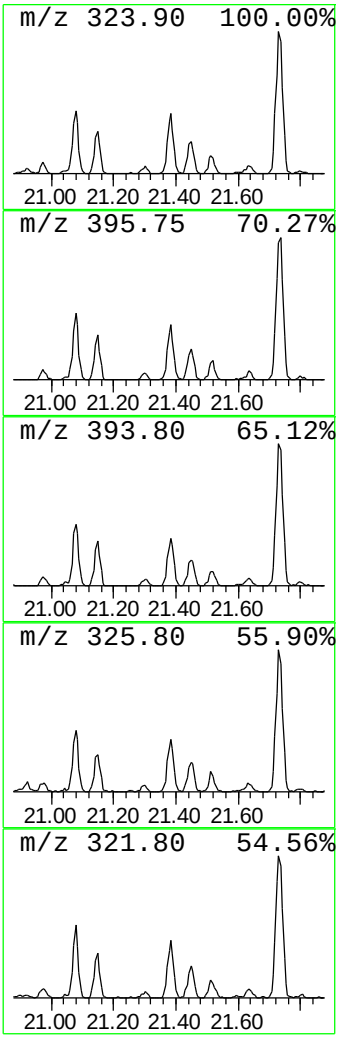
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	9.28 ng/ul	450842	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





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Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

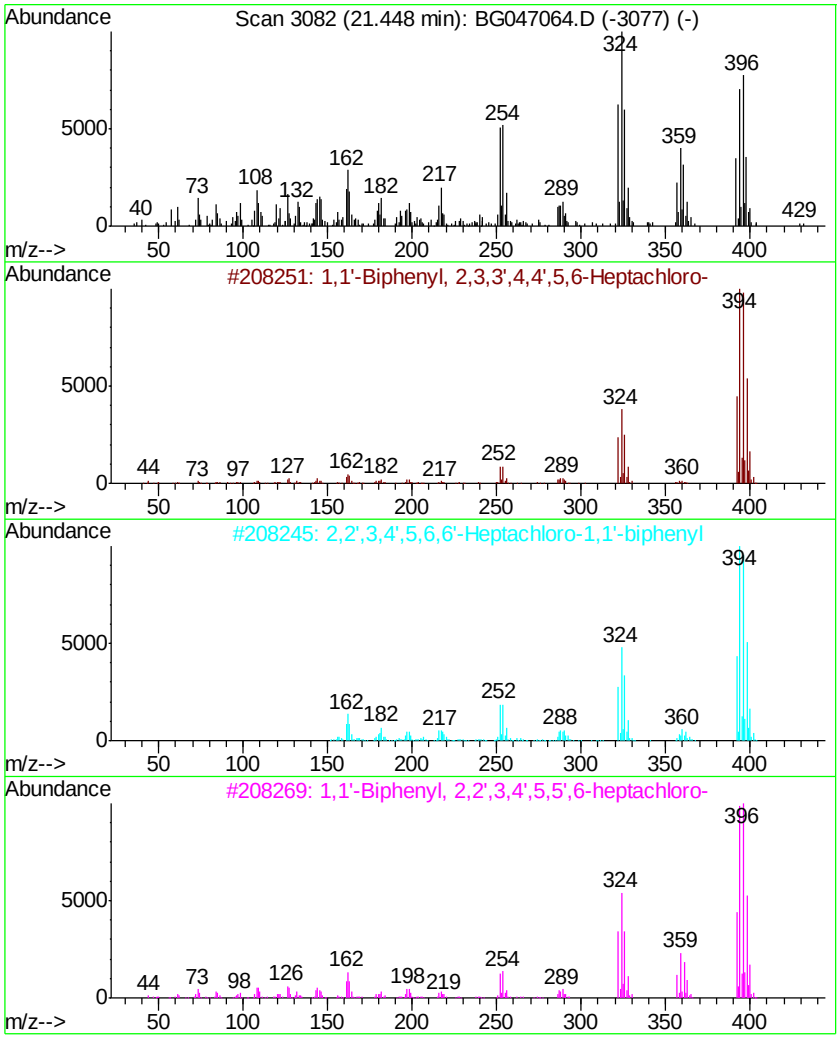
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

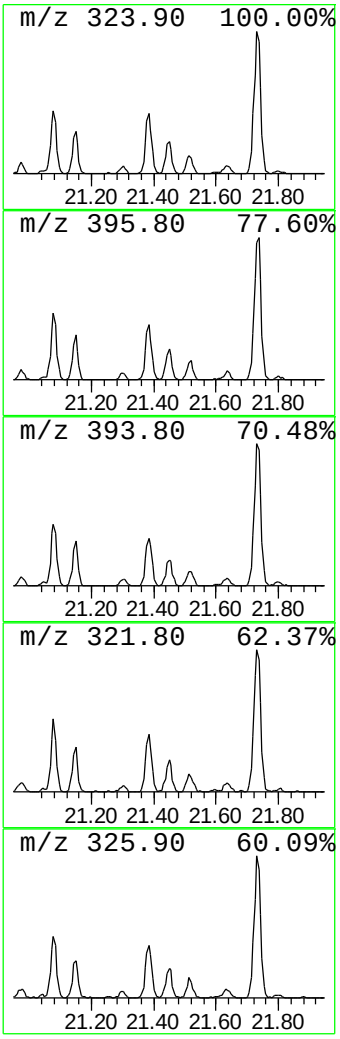
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	5.85 ng/ul	284512	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
2	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99





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Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

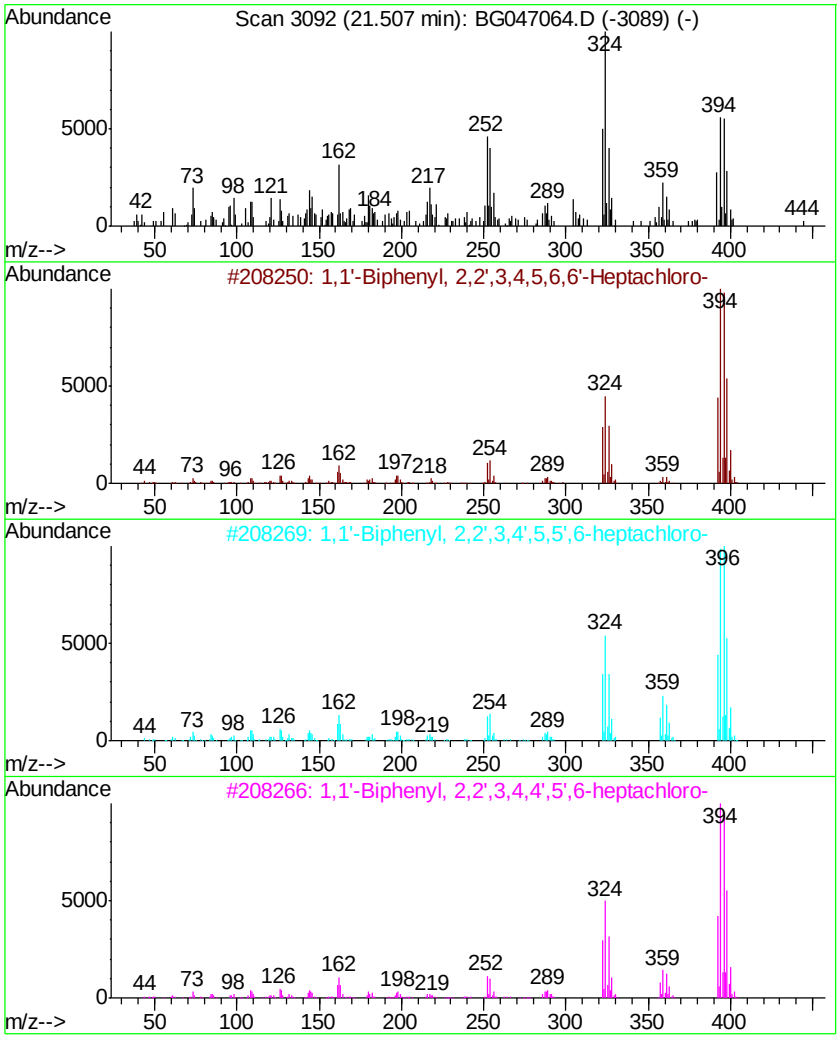
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

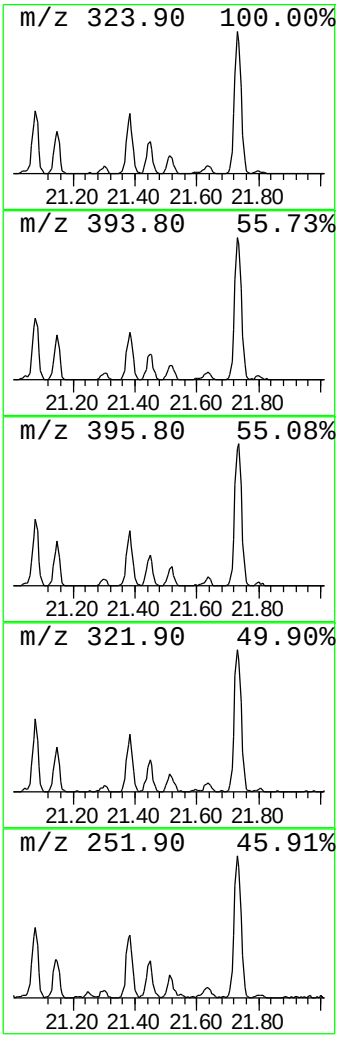
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	3.27 ng/ul	158826	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
2	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





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Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

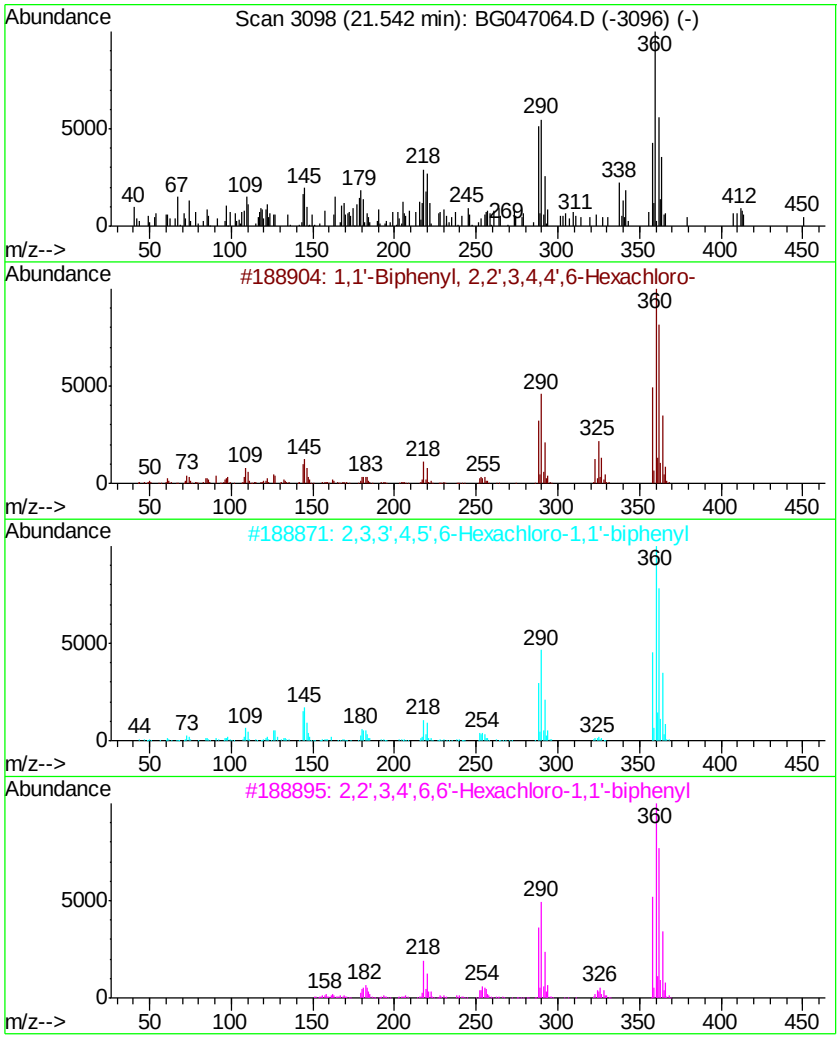
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

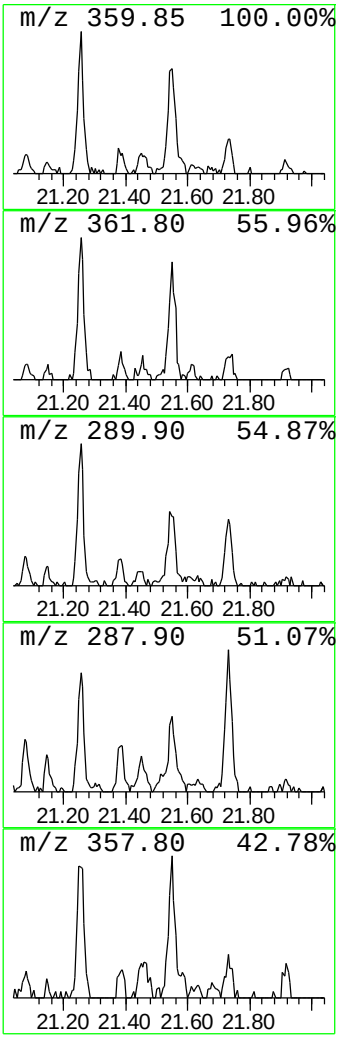
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.05 ng/ul	99527	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	93
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	93
3	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	93
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	93
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

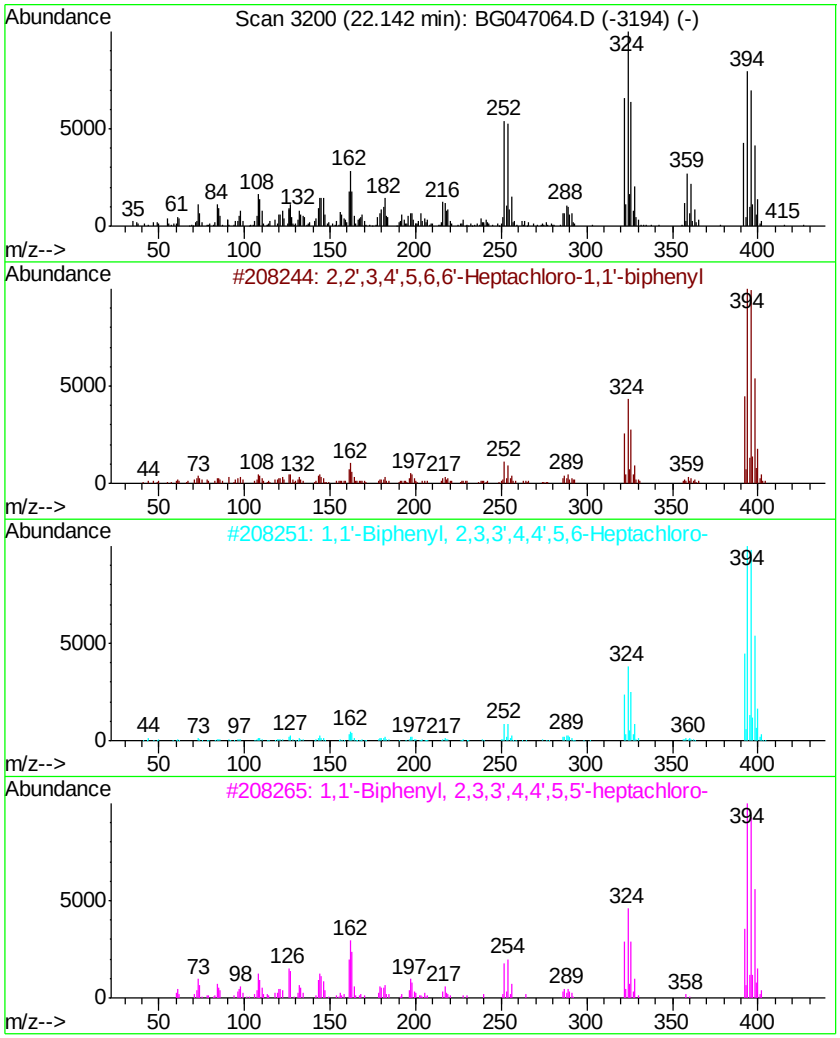
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

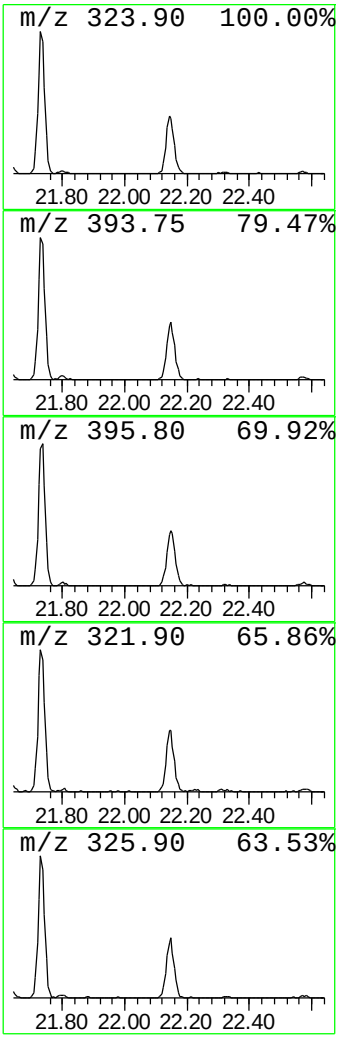
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	12.67 ng/ul	615745	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

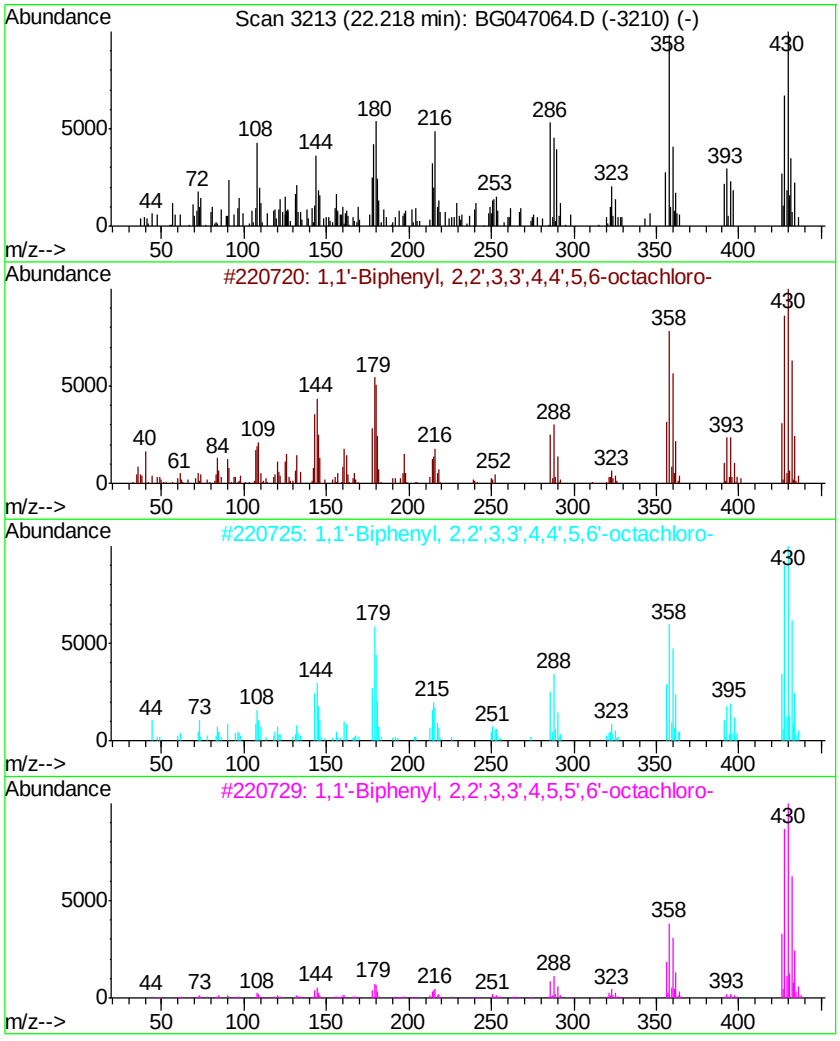
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

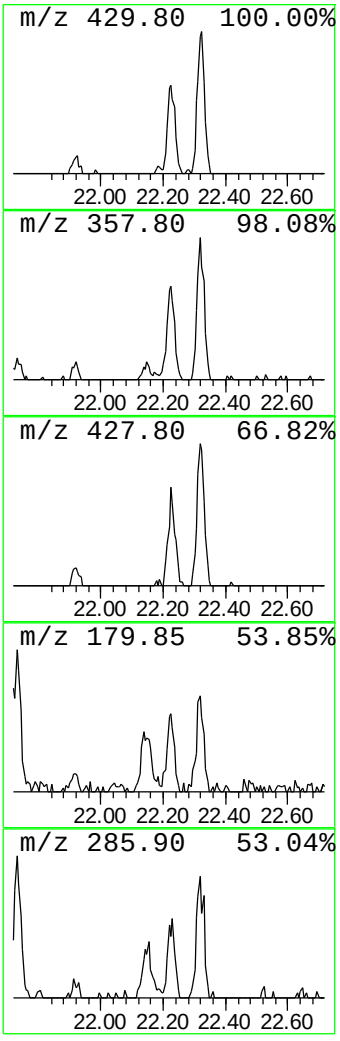
****

Peak Number 29 unknown-03 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	3.21 ng/ul	156045	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	94
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	93
3	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	91
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	91
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

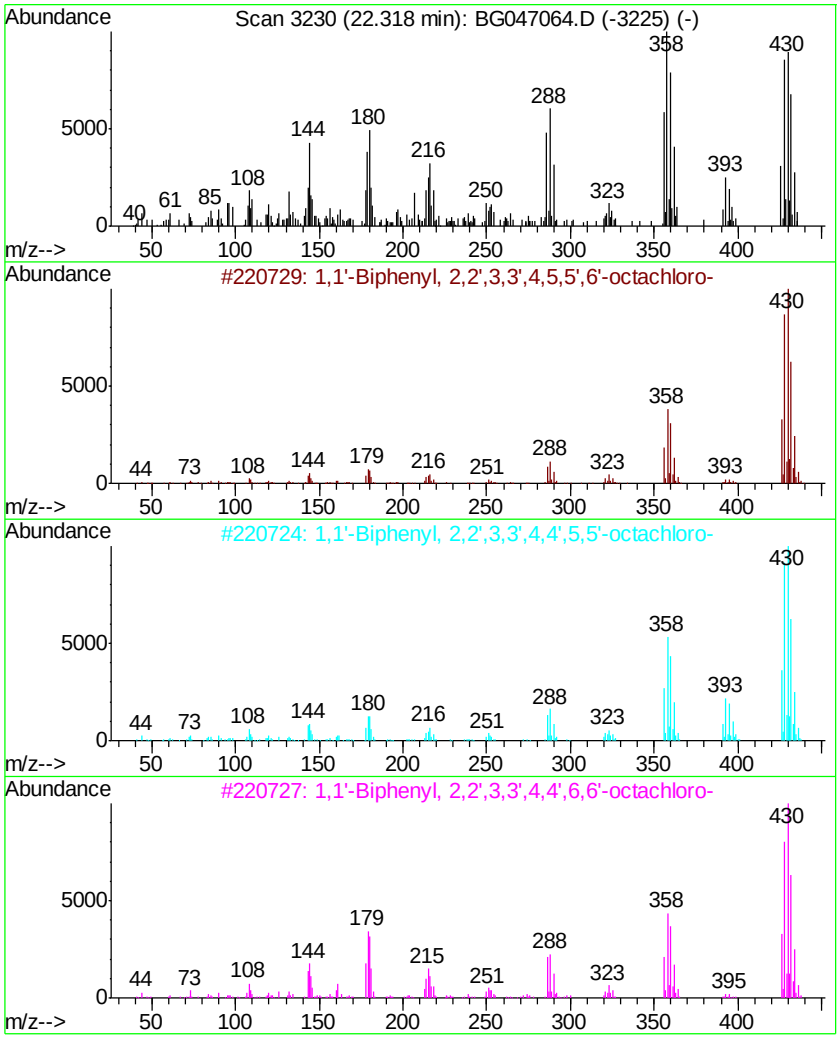
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

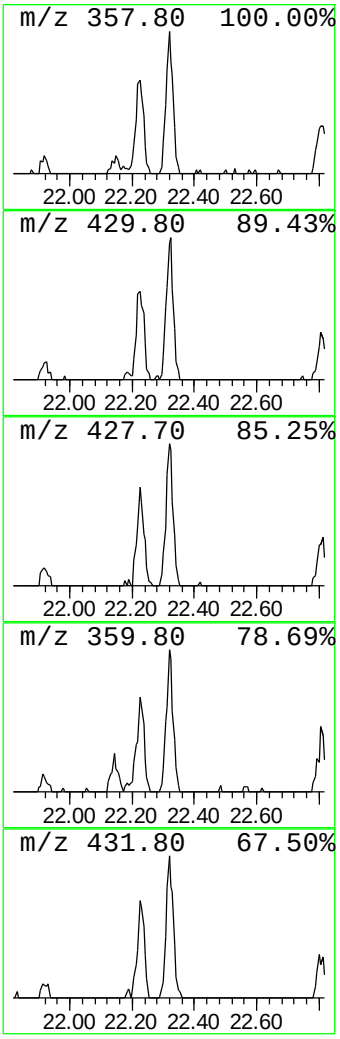
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	4.40 ng/ul	213704	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	99
5	1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

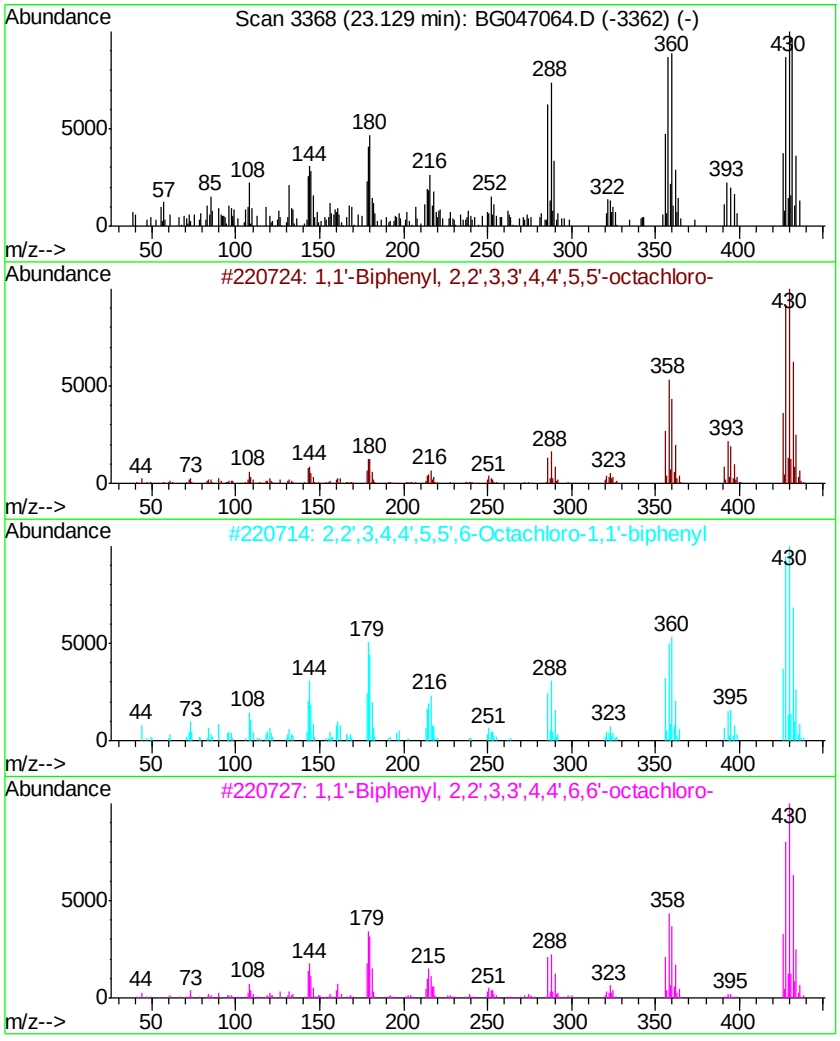
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

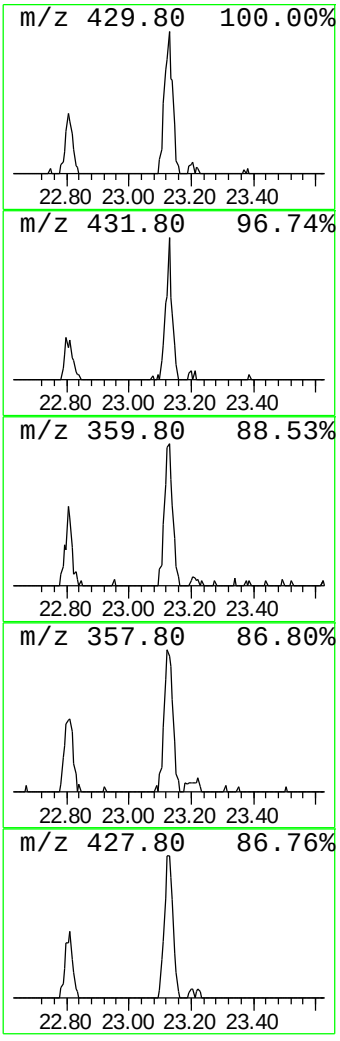
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	3.87 ng/ul	188254	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
2	2,2',3,4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	052663-76-0	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	99
5	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102220\
Data File : BG047064.D
Acq On : 23 Oct 2020 13:52
Operator : CG/JU
Sample : L4451-17
Misc : GCMS CONFIRMATION
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.40	28.7	ng/ul	647118	1	8.06	451567	20.0
1,1'-Biphenyl, 3,...	18.03	5.5	ng/ul	249998	4	17.44	917686	20.0
1,1'-Biphenyl, 2,...	18.50	4.0	ng/ul	185482	4	17.44	917686	20.0
1,1'-Biphenyl, 2,...	18.56	2.5	ng/ul	116600	4	17.44	917686	20.0
2,3,3',6-Tetrachl...	18.78	2.5	ng/ul	114681	4	17.44	917686	20.0
2,2',4,5-Tetrachl...	18.96	2.0	ng/ul	94129	4	17.44	917686	20.0
1,1'-Biphenyl, 2,...	19.34	12.8	ng/ul	587756	4	17.44	917686	20.0
1,1'-Biphenyl, 2,...	19.56	3.0	ng/ul	135184	4	17.44	917686	20.0
2,3,3',5,6-Pentac...	19.62	11.3	ng/ul	547504	5	21.70	971865	20.0
2,3,3',4',5'- Pen...	20.06	9.2	ng/ul	448120	5	21.70	971865	20.0
2,2',3,4',6,6'-He...	20.19	7.0	ng/ul	342407	5	21.70	971865	20.0
unknown-01	20.23	3.9	ng/ul	186875	5	21.70	971865	20.0
2,3,4,4',5,6-Hexa...	20.33	21.2	ng/ul	1032260	5	21.70	971865	20.0
3,3',4,4,',5-Pent...	20.37	3.2	ng/ul	156297	5	21.70	971865	20.0
2,2',3,4',5,6'-He...	20.52	3.4	ng/ul	164185	5	21.70	971865	20.0
2,3,3',4,5,5'-Hex...	20.60	28.1	ng/ul	1367970	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	20.66	8.4	ng/ul	409475	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	20.76	10.2	ng/ul	497127	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	20.85	2.3	ng/ul	109126	5	21.70	971865	20.0
2,3,3',4,5',6-Hex...	20.92	28.9	ng/ul	1402830	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	21.08	10.4	ng/ul	507323	5	21.70	971865	20.0
unknown-02	21.15	6.1	ng/ul	296174	5	21.70	971865	20.0
2,3,3',4,4',6-Hex...	21.25	2.3	ng/ul	111364	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	21.38	9.3	ng/ul	450842	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	21.45	5.8	ng/ul	284512	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	21.51	3.3	ng/ul	158826	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	21.54	2.0	ng/ul	99527	5	21.70	971865	20.0
2,2',3,4',5,6,6'-...	22.14	12.7	ng/ul	615745	5	21.70	971865	20.0
unknown-03	22.22	3.2	ng/ul	156045	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	22.32	4.4	ng/ul	213704	5	21.70	971865	20.0
1,1'-Biphenyl, 2,...	23.13	3.9	ng/ul	188254	5	21.70	971865	20.0