LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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	3.391	5	9	17	rVB	445892	484597	37.20%	2.776%
2	3.549	32	36	39	rVV	1628	2051	0.16%	0.012%
3	3.585	39	42	44	rVB	2436	2902	0.22%	0.017%
4	3.696	58	61	63	rVV	1781	1974	0.15%	0.011%
5	3.737	63	68	74	rVV3	12479	18873	1.45%	0.108%
6	4.125	130	134	137	rVB2	1829	2546	0.20%	0.015%
7	4.213	145	149	153	rVV	3691	5433	0.42%	0.031%
8	4.666	224	226	230	rVB2	1947	1847	0.14%	0.011%
9	4.842	253	256	260	rVB	1470	1802	0.14%	0.010%
10	6.381	513	518	520	rVB	1340	1817	0.14%	0.010%
11	7.492	704	707	709	rVB2	2345	2142	0.16%	0.012%
12	8.056	796	803	810	rBV	192846	324333	24.89%	1.858%
13	8.191	822	826	829	rBV	2229	2795	0.21%	0.016%
14	10.864	1274	1281	1294	rVB	236592	421725	32.37%	2.416%
15	12.286	1520	1523	1526	rBV	1387	1998	0.15%	0.011%
16	12.844	1613	1618	1620	rBV	1238	1924	0.15%	0.011%
17	13.391	1708	1711	1712	rBV2	1611	1915	0.15%	0.011%
18	13.438	1714	1719	1723	rVV	1490	2285	0.18%	0.013%
19	13.544	1733	1737	1740	rBV	2071	2475	0.19%	0.014%
20	14.301	1863	1866	1868	rBV2	1731	2013	0.15%	0.012%
21	14.689	1925	1932	1939	rBV	417154	644727	49.49%	3.693%
22	16.123	2173	2176	2179	rBV3	1845	2262	0.17%	0.013%
23	17.222	2358	2363	2365	rBV3	2584	3115	0.24%	0.018%
24	17.433	2391	2399	2408	rBV	555333	848471	65.13%	4.860%
25	17.598	2425	2427	2431	rVB3	1474	1814	0.14%	0.010%
26	18.032	2499	2501	2503	rVV2	2259	2506	0.19%	0.014%
27	18.144	2514	2520	2526	rVB3	7409	11198	0.86%	0.064%
28	18.244	2535	2537	2540	rBV2	1776	1850	0.14%	0.011%
29	18.338	2549	2553	2557	rVV4	4875	5943	0.46%	0.034%
30	18.497	2574	2580	2585	rVV	472472	615730	47.26%	3.527%
31	18.555	2585	2590	2594	rVV	118497	156527	12.01%	0.897%
32	18.596	2594	2597	2605	rVB3	26946	36152	2.77%	0.207%
33	18.667	2605	2609	2610	rBV2	3104	2890	0.22%	0.017%
34	18.779	2623	2628	2633	rVV	210001	269879	20.72%	1.546%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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	18.826	2633	2636	2640	rVB4	11974	16233	1.25%	0.093%
36	18.920	2649	2652	2654	rBV3	15885	18068	1.39%	0.103%
37	18.955	2654	2658	2663	rVB2	71532	89902	6.90%	0.515%
38	19.019	2666	2669	2672	rBV4	6997	8308	0.64%	0.048%
39	19.055	2672	2675	2679	rVV3	11369	15346	1.18%	0.088%
40	19.119	2683	2686	2687	rBV3	2393	2234	0.17%	0.013%
41	19.202	2696	2700	2701	rBV3	7602	7787	0.60%	0.045%
42	19.260	2705	2710	2713	rBV	100542	127318	9.77%	0.729%
43	19.313	2713	2719	2720	rVV	166424	236604	18.16%	1.355%
44	19.337	2720	2723	2733	rVV2	565918	859394	65.96%	4.923%
45	19.419	2733	2737	2744	rVB2	101549	134686	10.34%	0.771%
46	19.542	2753	2758	2766	rBV4	140690	248827	19.10%	1.425%
47	19.619	2766	2771	2777	rVV	1022296	1302813	100.00%	7.462%
48	19.683	2777	2782	2788	rVV	393478	501762	38.51%	2.874%
49	19.754	2791	2794	2798	rVB5	17321	20389	1.56%	0.117%
50	19.807	2799	2803	2808	rBV4	42633	57040	4.38%	0.327%
51	19.877	2810	2815	2820	rBV	286430	352098	27.03%	2.017%
52	19.954	2820	2828	2833	rVV	412596	578002	44.37%	3.311%
53	20.007	2833	2837	2840	rVV	176178	218614	16.78%	1.252%
54	20.065	2840	2847	2853	rVB	896130	1267049	97.25%	7.258%
55	20.136	2858	2859	2861	rVB2	3640	1798	0.14%	0.010%
56	20.206	2861	2871	2879	rBV4	112507	305448	23.45%	1.750%
57	20.277	2879	2883	2886	rVV2	49197	60192	4.62%	0.345%
58	20.324	2886	2891	2895	rVV2	339911	483318	37.10%	2.768%
59	20.371	2895	2899	2906	rVB	917069	1152446	88.46%	6.601%
60	20.453	2906	2913	2916	rBV7	36400	57785	4.44%	0.331%
61	20.518	2918	2924	2929	rVB3	86638	140920	10.82%	0.807%
62	20.559	2929	2931	2932	rBV2	4837	3296	0.25%	0.019%
63	20.600	2933	2938	2943	rVV	428700	533921	40.98%	3.058%
64	20.653	2943	2947	2949	rBV3	213387	283000	21.72%	1.621%
65	20.676	2949	2951	2959	rVB	404077	497799	38.21%	2.851%
66	20.753	2959	2964	2970	rBV3	89123	132714	10.19%	0.760%
67	20.823	2972	2976	2978	rVV3	50023	70044	5.38%	0.401%
68	20.847	2978	2980	2984	rVV5	43940	51920	3.99%	0.297%
69	20.923	2984	2993	3000	rVV	529382	961602	73.81%	5.508%
70	21.011	3004	3008	3013	rBV5	44457	53873	4.14%	0.309%
71	21.076	3016	3019	3026	rVB9	23839	30778	2.36%	0.176%

LSC Area Percent Report

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Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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

72	21.140	3028	3030	3036	rBV6	11557	16745	1.29%	0.096%
73	21.252	3044	3049	3056	rVB2	163307	247321	18.98%	1.417%
74	21.381	3067	3071	3077	rVB8	23627	33480	2.57%	0.192%
75	21.446	3079	3082	3086	rVB5	13322	18294	1.40%	0.105%
76	21.546	3095	3099	3104	rVB3	77638	115374	8.86%	0.661%
77	21.605	3107	3109	3115	rVV7	19352	30400	2.33%	0.174%
78	21.699	3119	3125	3137	rBV	599101	1059762	81.34%	6.070%
79	22.145	3196	3201	3208	rVB6	37153	68082	5.23%	0.390%
80	22.574	3272	3274	3275	rBV2	6366	4663	0.36%	0.027%
81	22.968	3339	3341	3343	rBV3	7047	6370	0.49%	0.036%
82	23.549	3438	3440	3443	rVB4	7680	8213	0.63%	0.047%
83	24.072	3527	3529	3531	rBV3	5207	4854	0.37%	0.028%
84	24.307	3567	3569	3570	rBV2	6432	4511	0.35%	0.026%
85	24.748	3642	3644	3645	rBV2	7630	3779	0.29%	0.022%
86	24.942	3665	3677	3688	rBV2	335102	988077	75.84%	5.660%
87	25.124	3706	3708	3710	rBV3	6313	6596	0.51%	0.038%
88	25.635	3793	3795	3796	rBV2	5635	4833	0.37%	0.028%
89	27.762	4155	4157	4159	rVB3	8119	6662	0.51%	0.038%
90	28.138	4220	4221	4223	rBV2	9086	6096	0.47%	0.035%
91	28.191	4227	4230	4232	rBV4	6072	7718	0.59%	0.044%
92	28.232	4235	4237	4239	rBV3	6064	6063	0.47%	0.035%
93	28.538	4288	4289	4290	rBV	5157	2397	0.18%	0.014%
94	29.454	4443	4445	4449	rVB4	7832	7803	0.60%	0.045%
95	29.490	4449	4451	4453	rBV2	4923	3830	0.29%	0.022%
96	30.306	4588	4590	4592	rBV3	5256	4504	0.35%	0.026%
97	31.217	4743	4745	4746	rBV2	5127	3433	0.26%	0.020%
98	31.957	4868	4871	4872	rBV2	5700	6326	0.49%	0.036%
99	32.104	4894	4896	4899	rBV4	6263	5045	0.39%	0.029%
100	32.133	4899	4901	4902	rBV2	5588	3391	0.26%	0.019%

Sum of corrected areas: 17458461

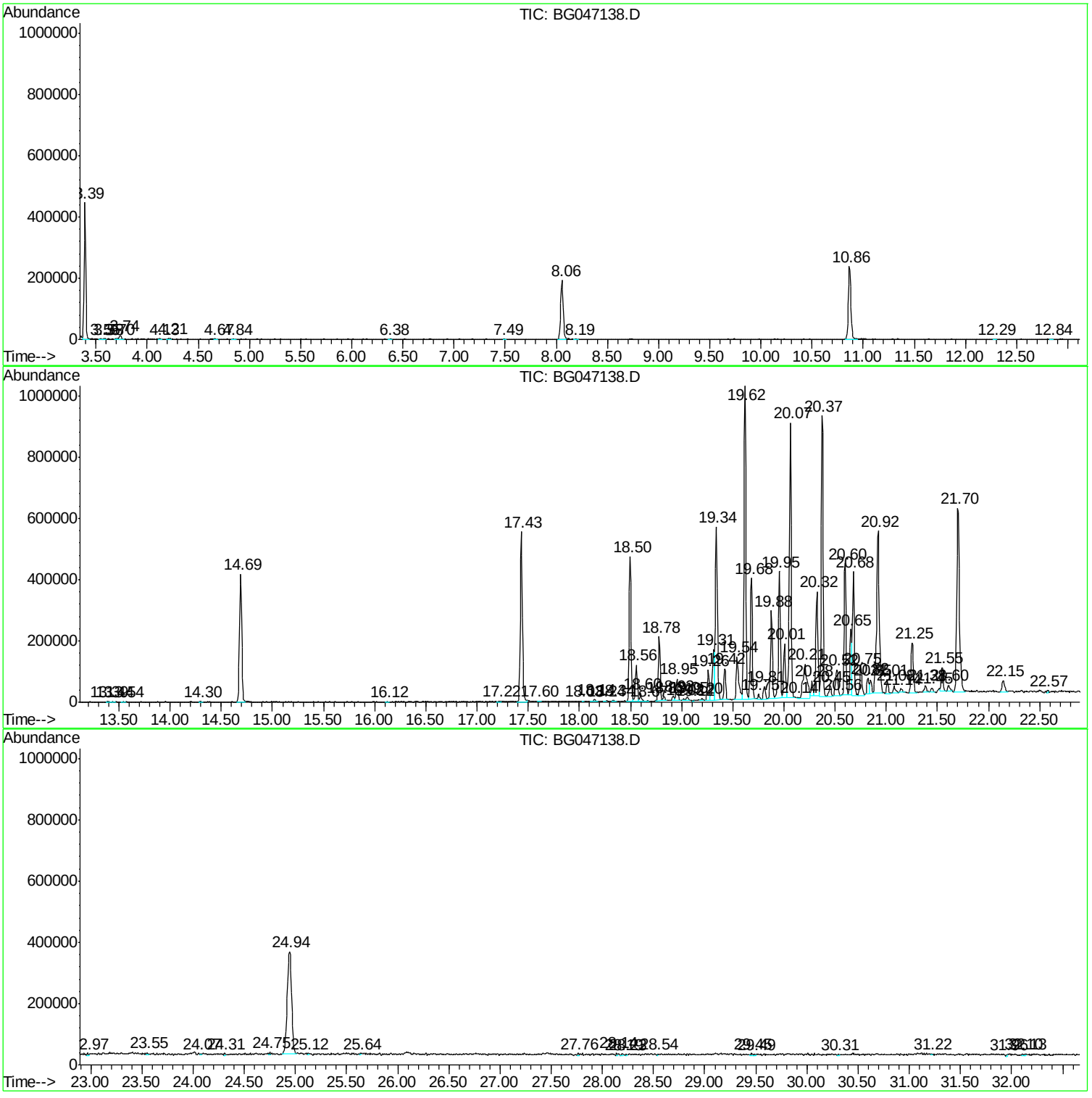
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

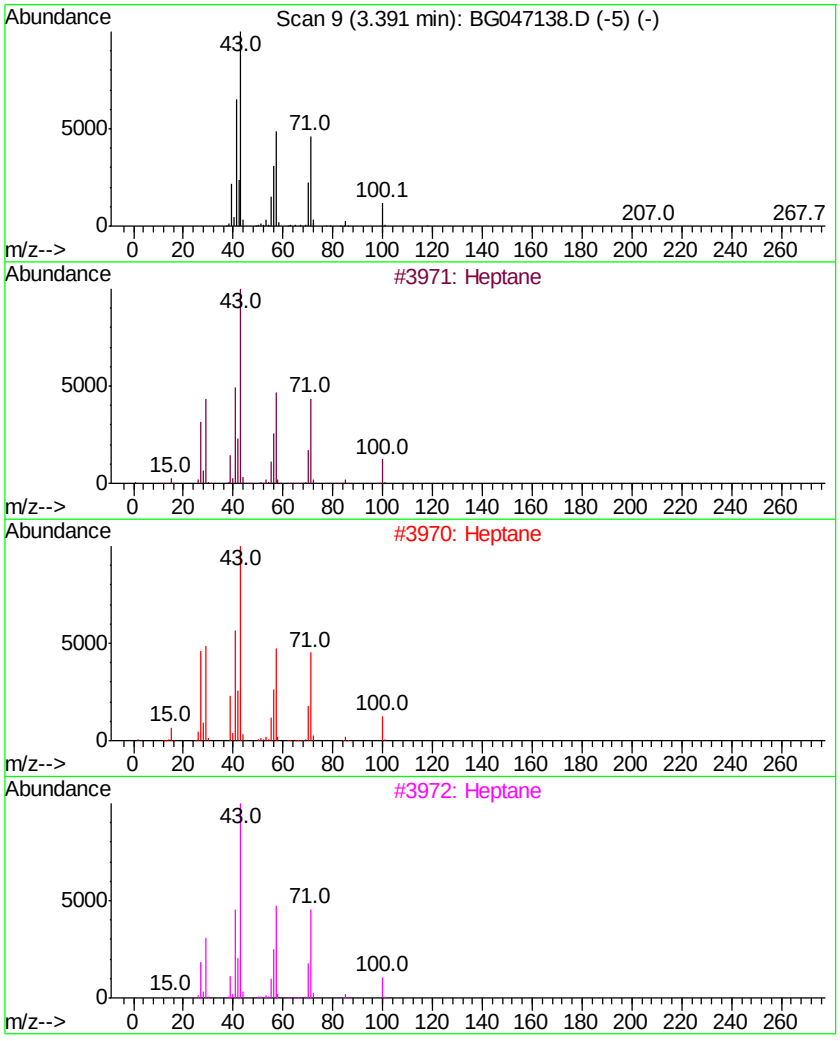
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

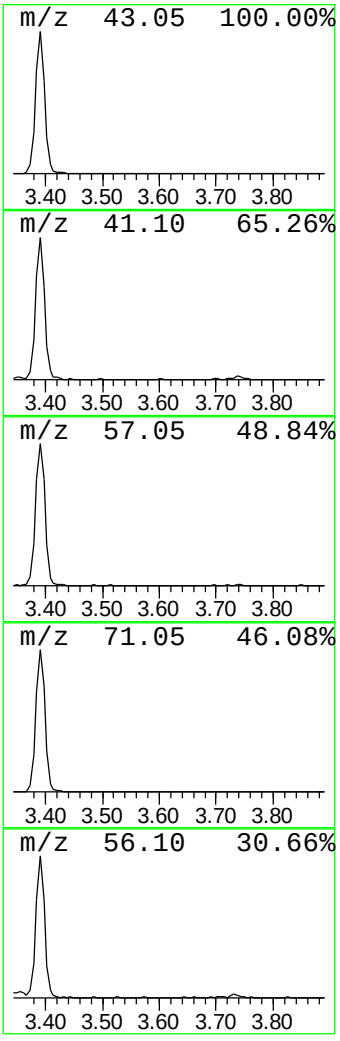
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	29.88 ng/ul	484597	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	83
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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

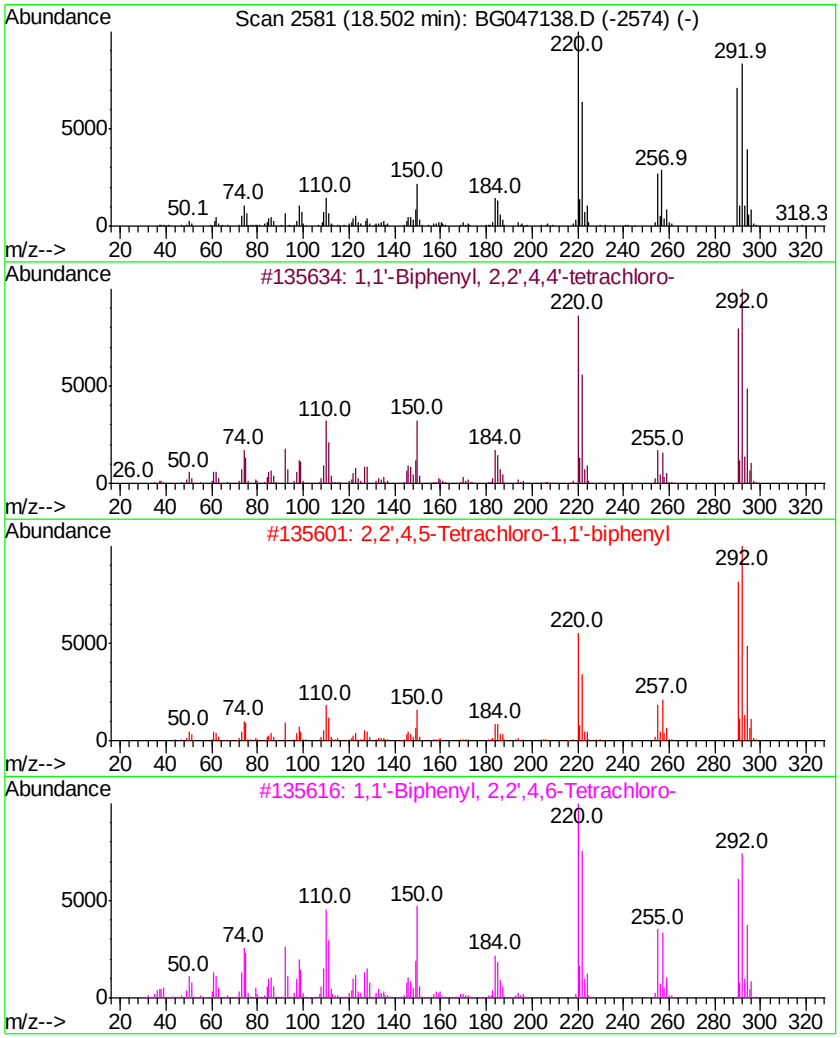
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

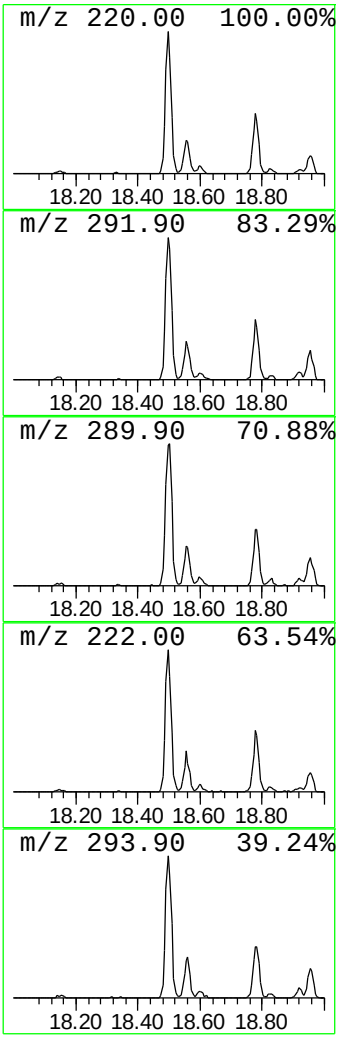
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	14.51 ng/ul	615730	Phenanthrene-d10	17.43

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',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
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Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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

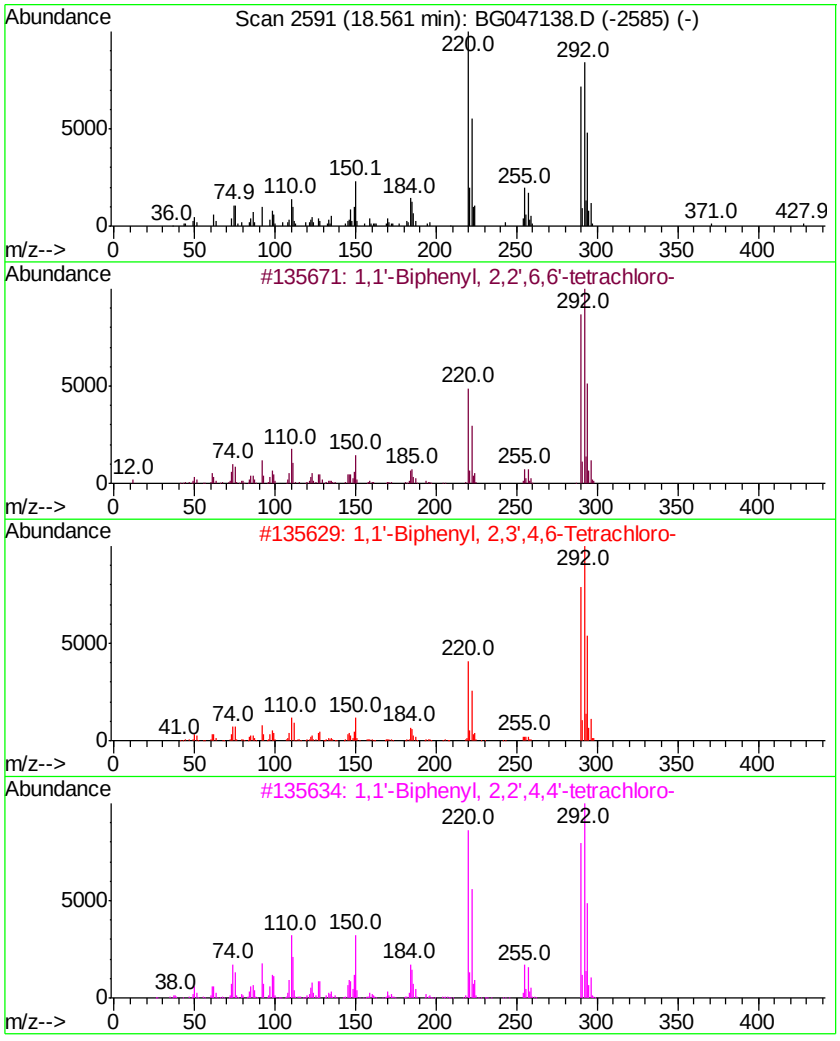
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

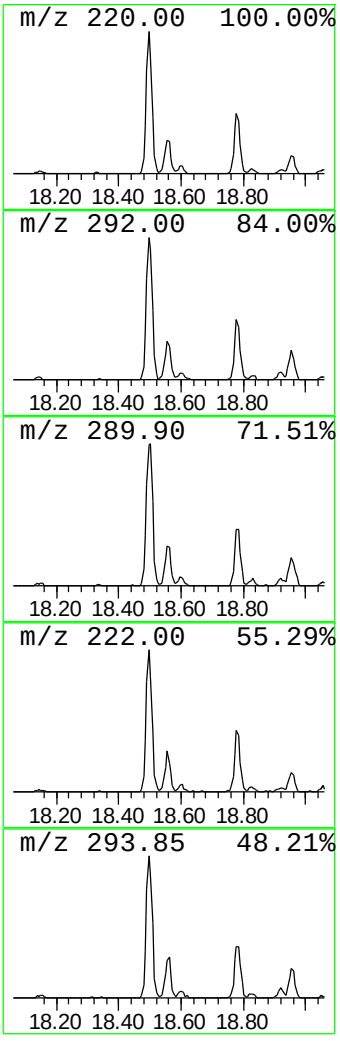
****

Peak Number 3 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.69 ng/ul	156527	Phenanthrene-d10	17.43

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	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	98





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

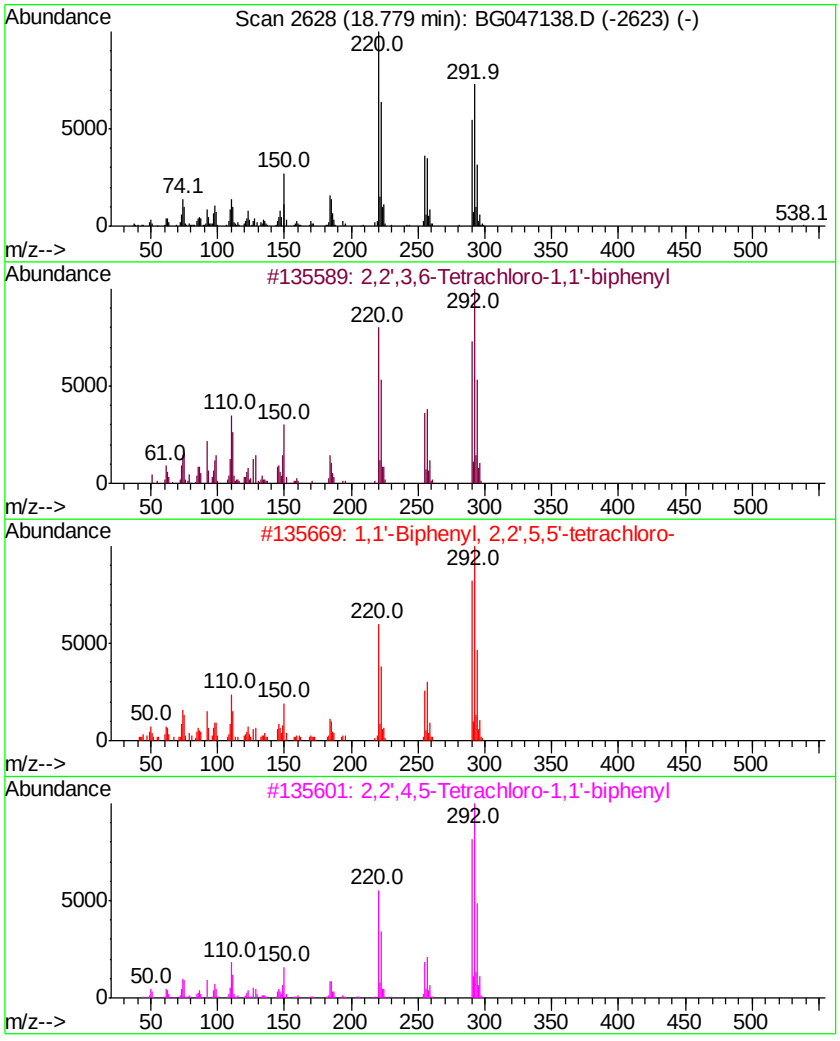
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

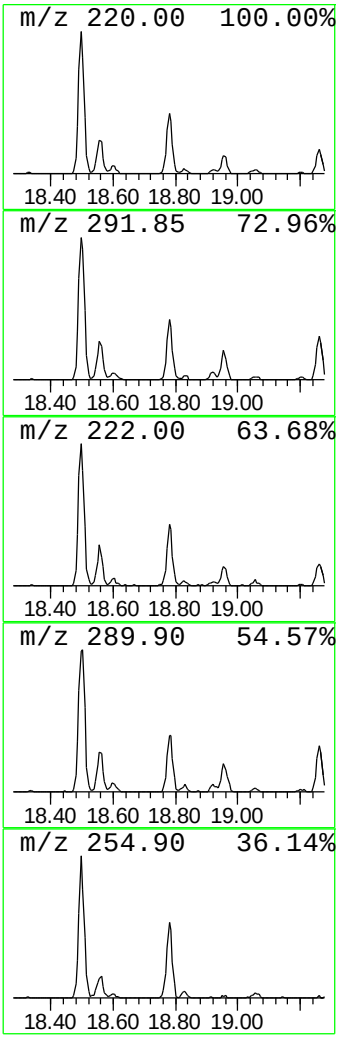
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	6.36 ng/ul	269879	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	96
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	96
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	96
4	1,1'-Biphenyl, 2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	95
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	95





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Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

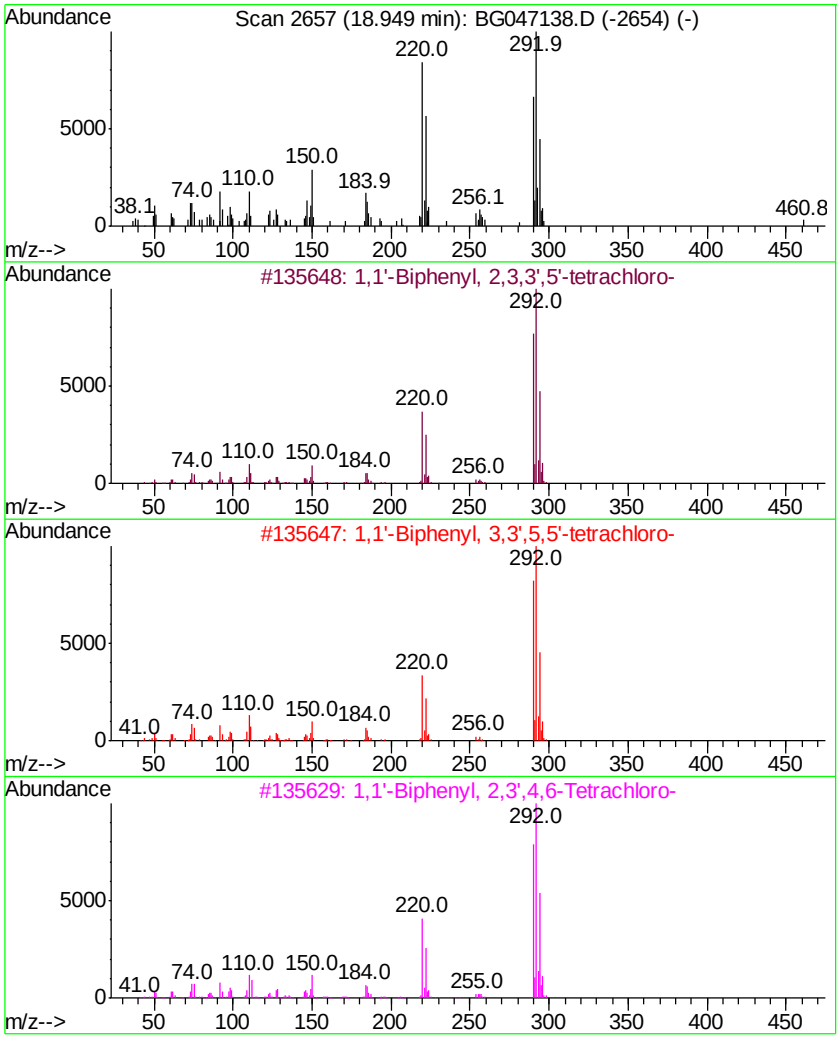
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

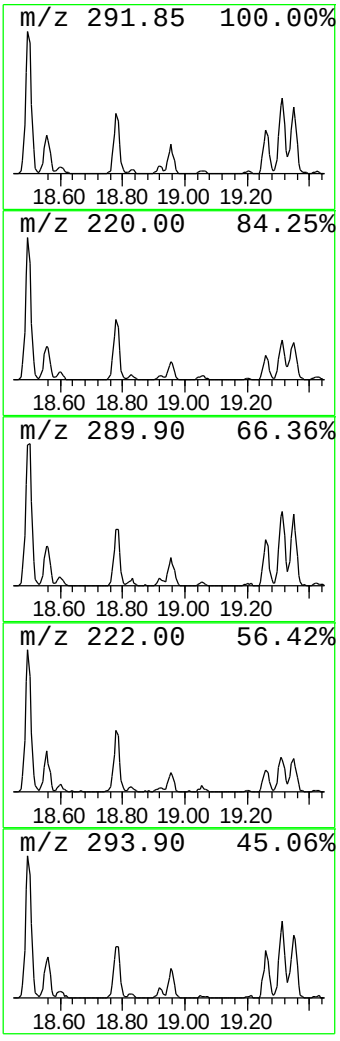
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.12 ng/ul	89902	Phenanthrene-d10	17.43

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	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
5	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99





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Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

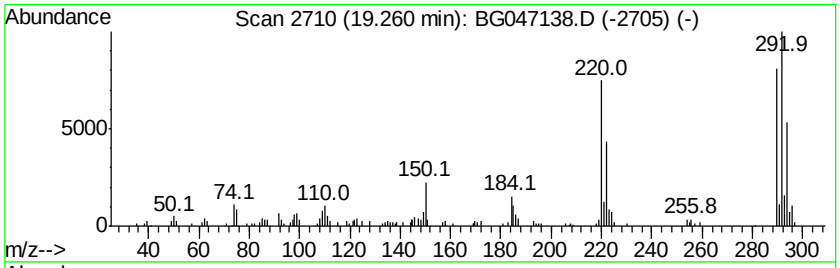
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

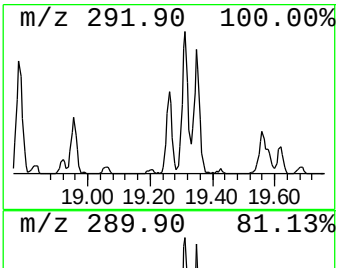
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

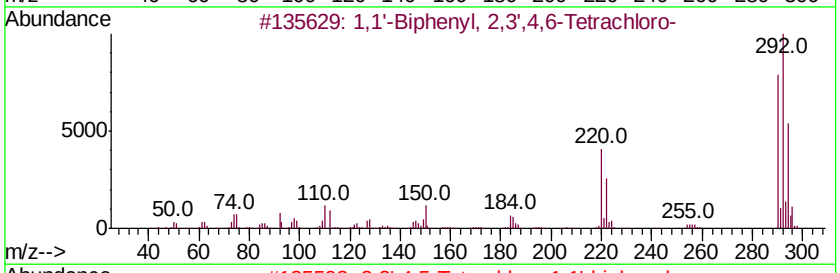
****
Peak Number 6 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 23

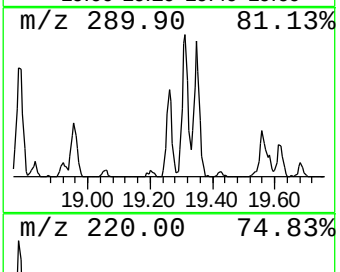
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.00 ng/ul	127318	Phenanthrene-d10	17.43

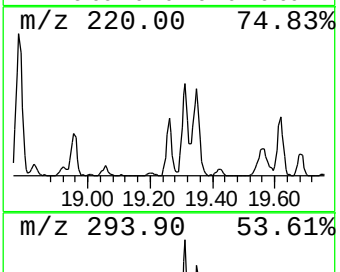
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
2	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98

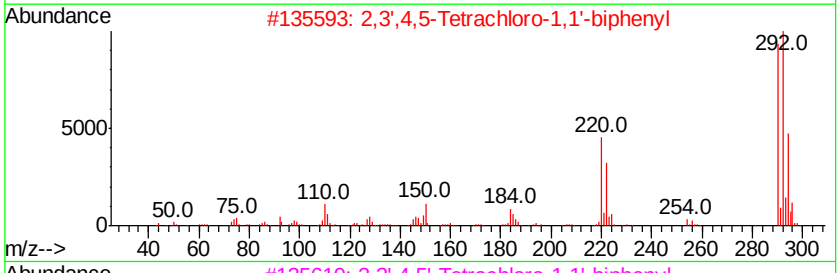


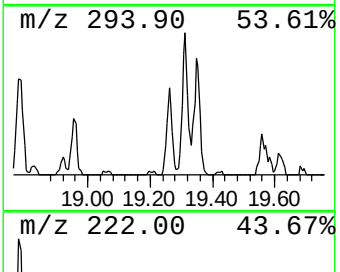


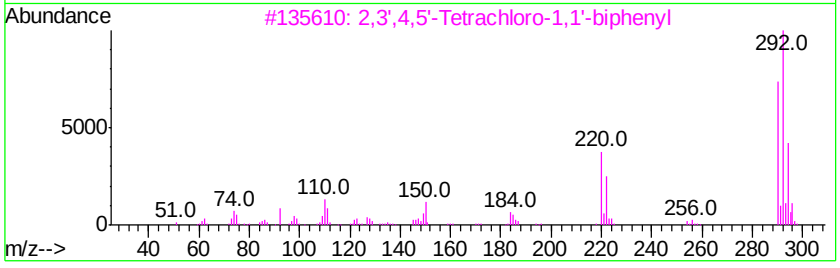


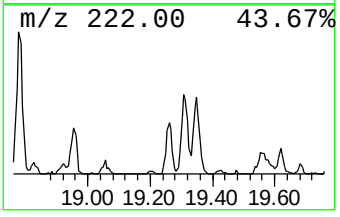












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Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

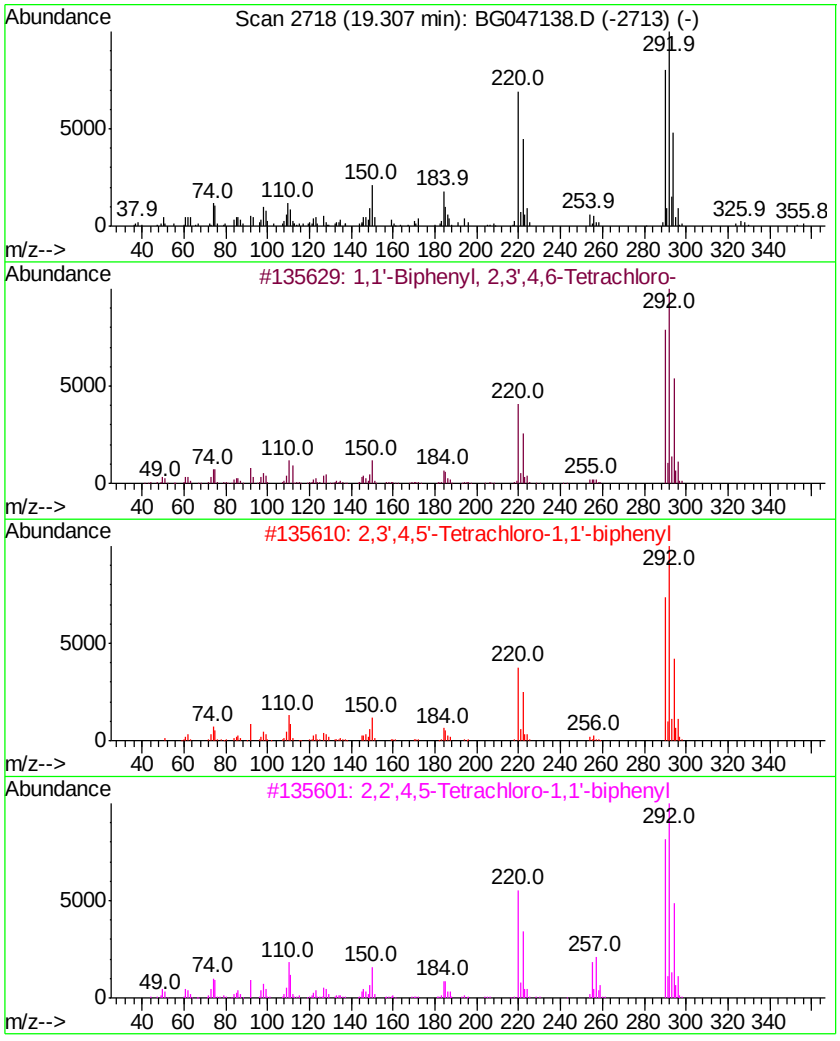
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

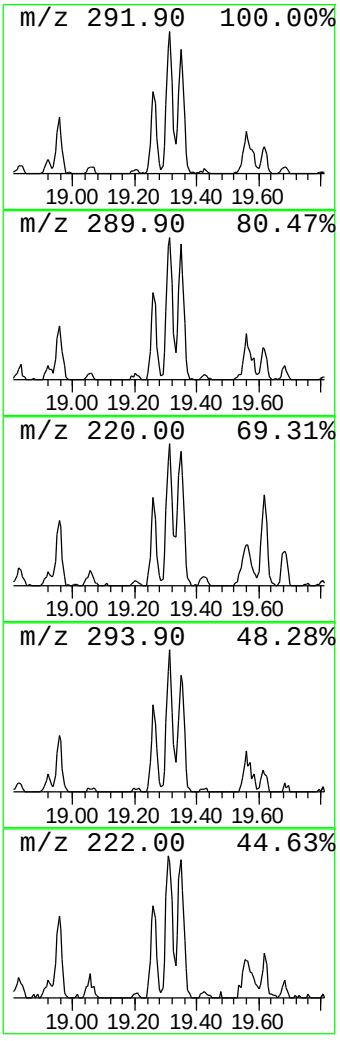
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	5.58 ng/ul	236604	Phenanthrene-d10	17.43

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	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

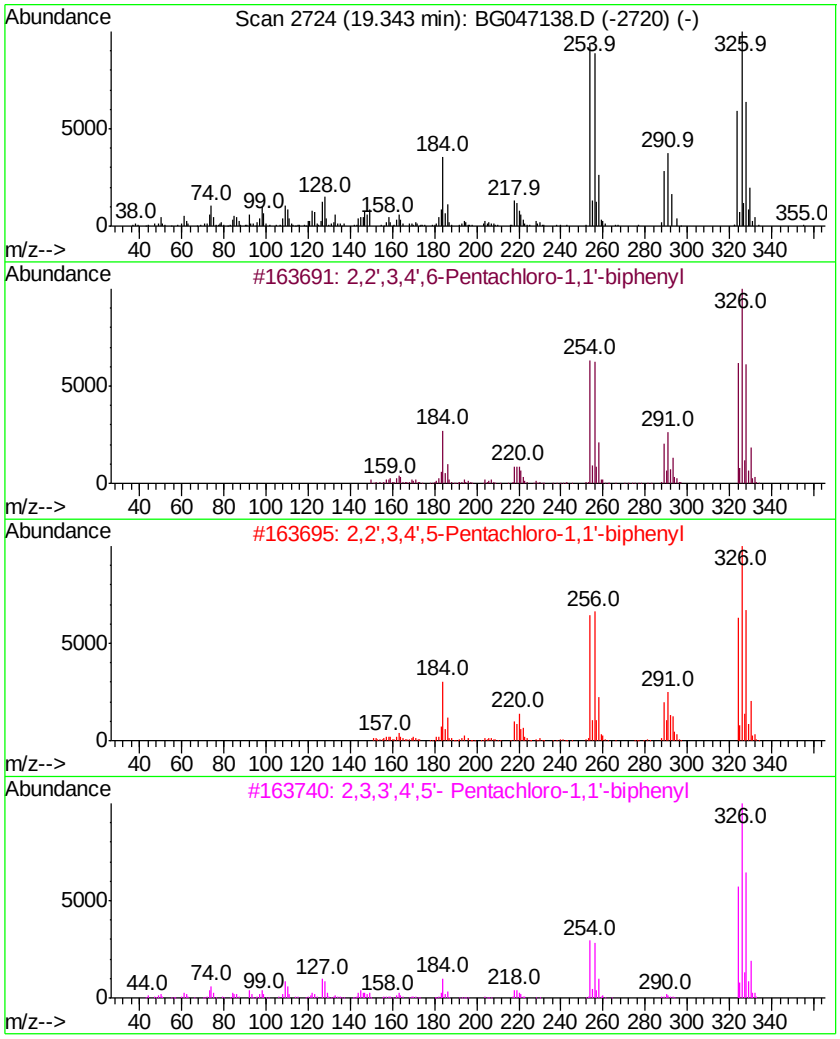
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

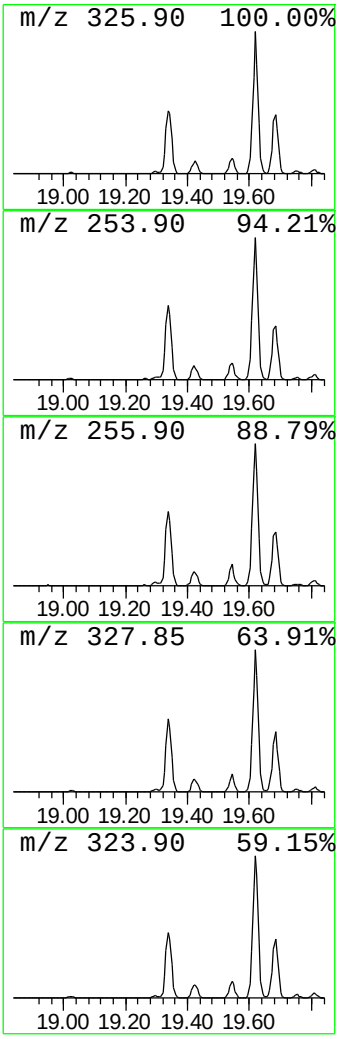
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	20.26 ng/ul	859394	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
2	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

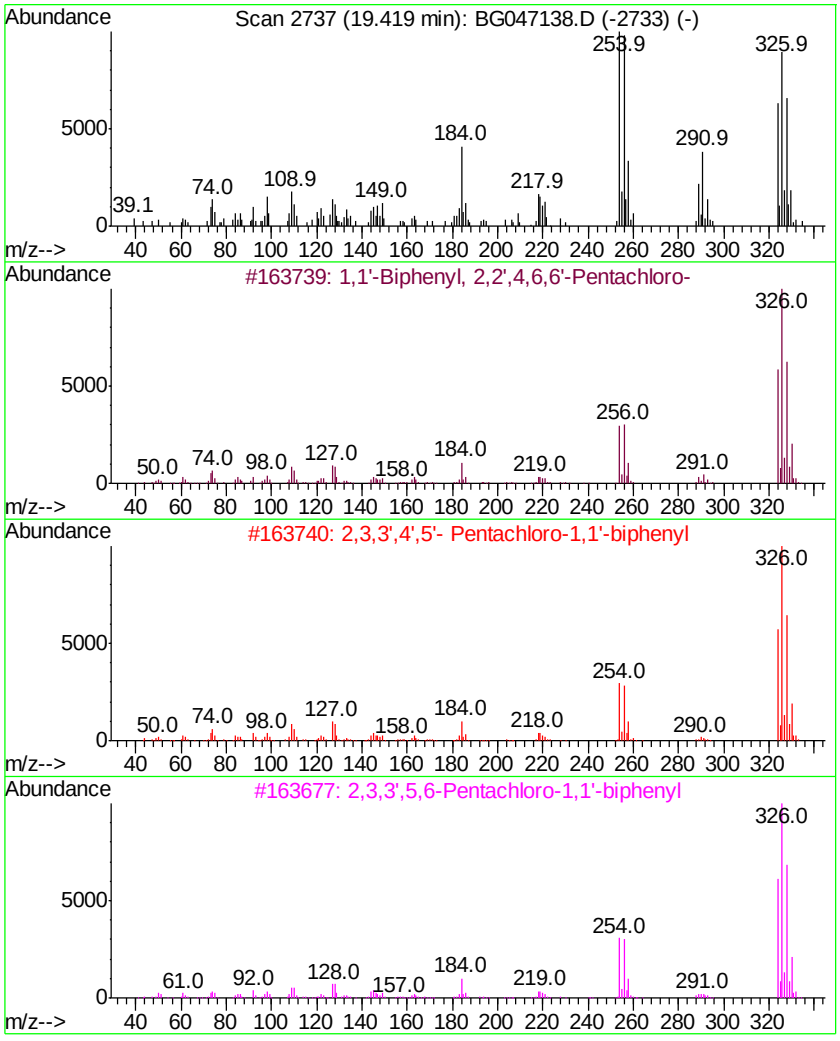
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

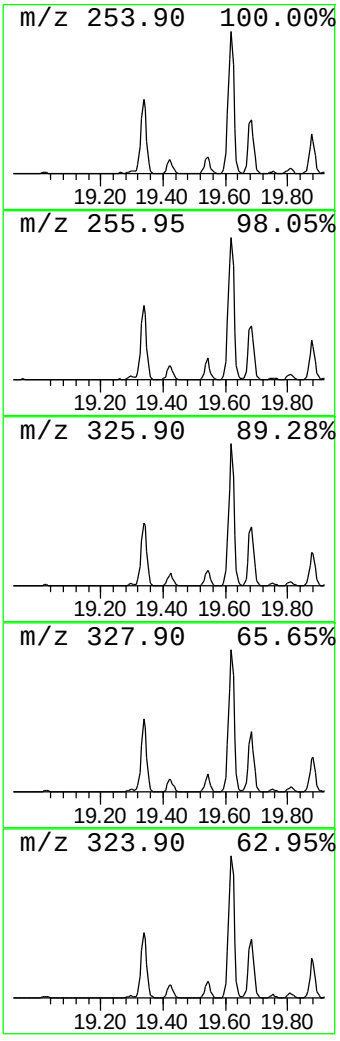
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	3.17 ng/ul	134686	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
4	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99





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Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

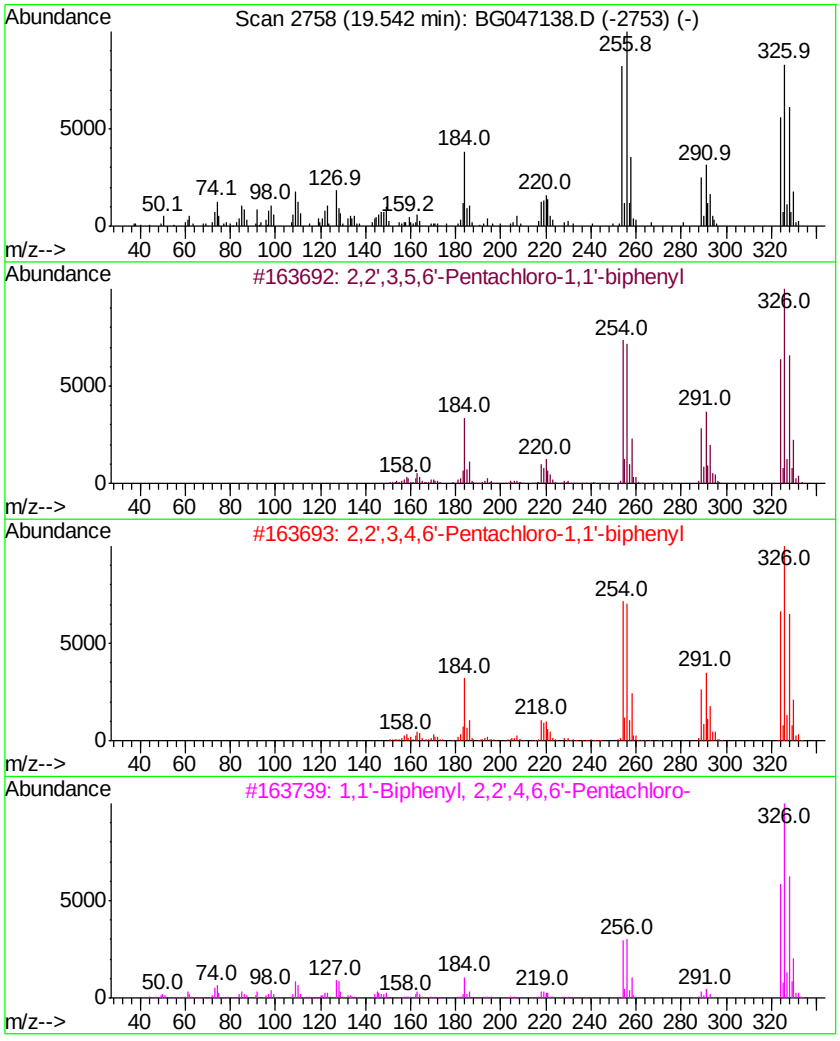
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

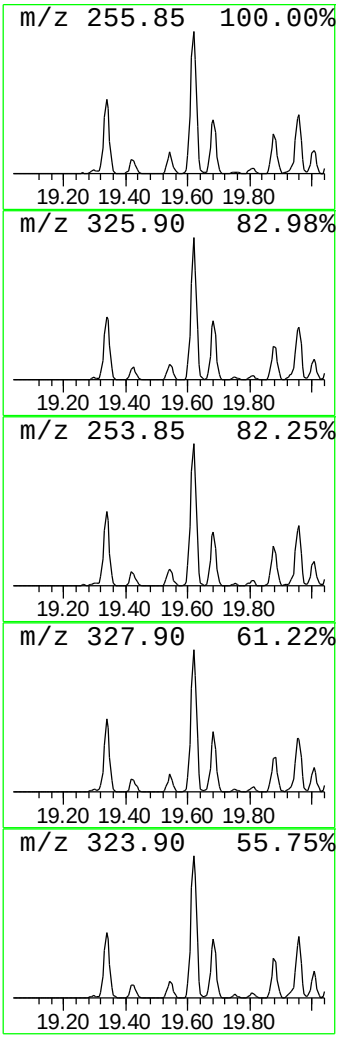
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	5.87 ng/ul	248827	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99





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Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

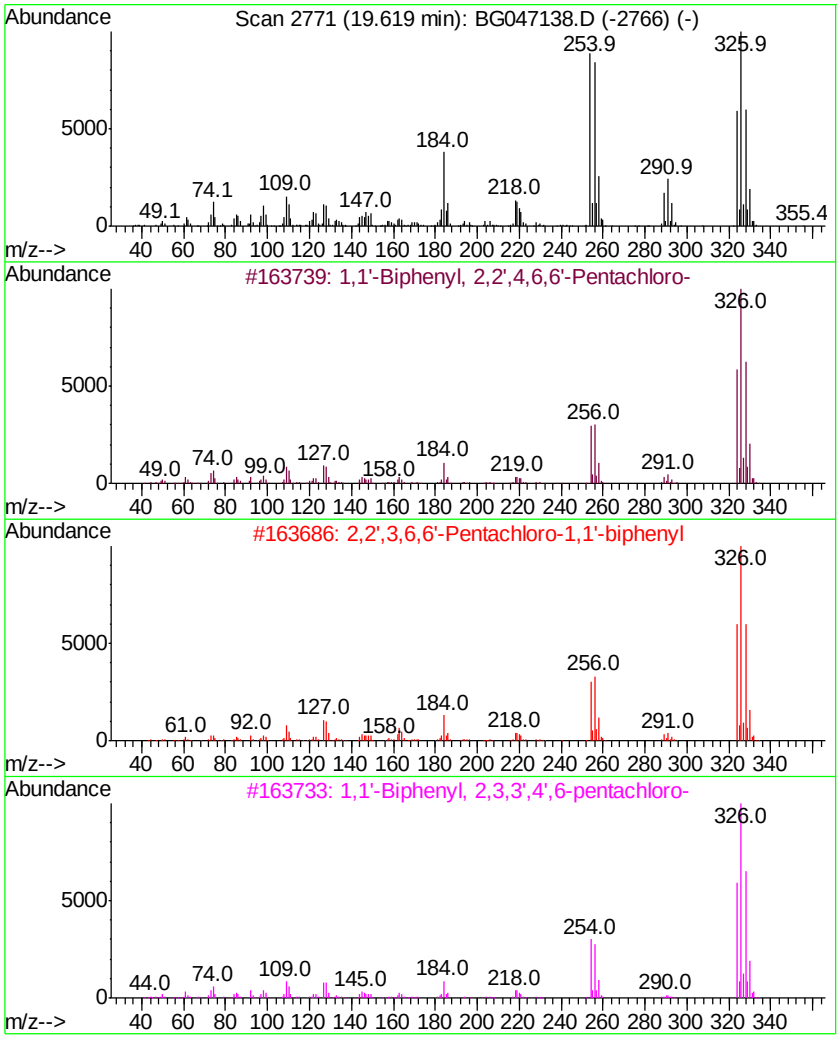
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

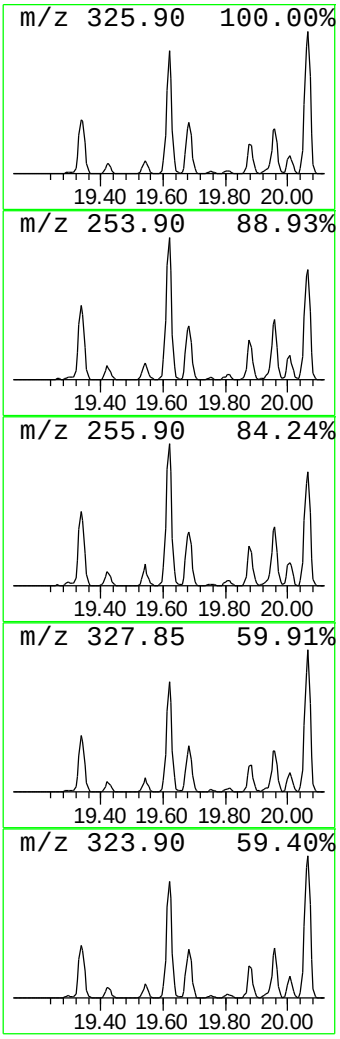
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	24.59 ng/ul	1302810	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	96





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Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

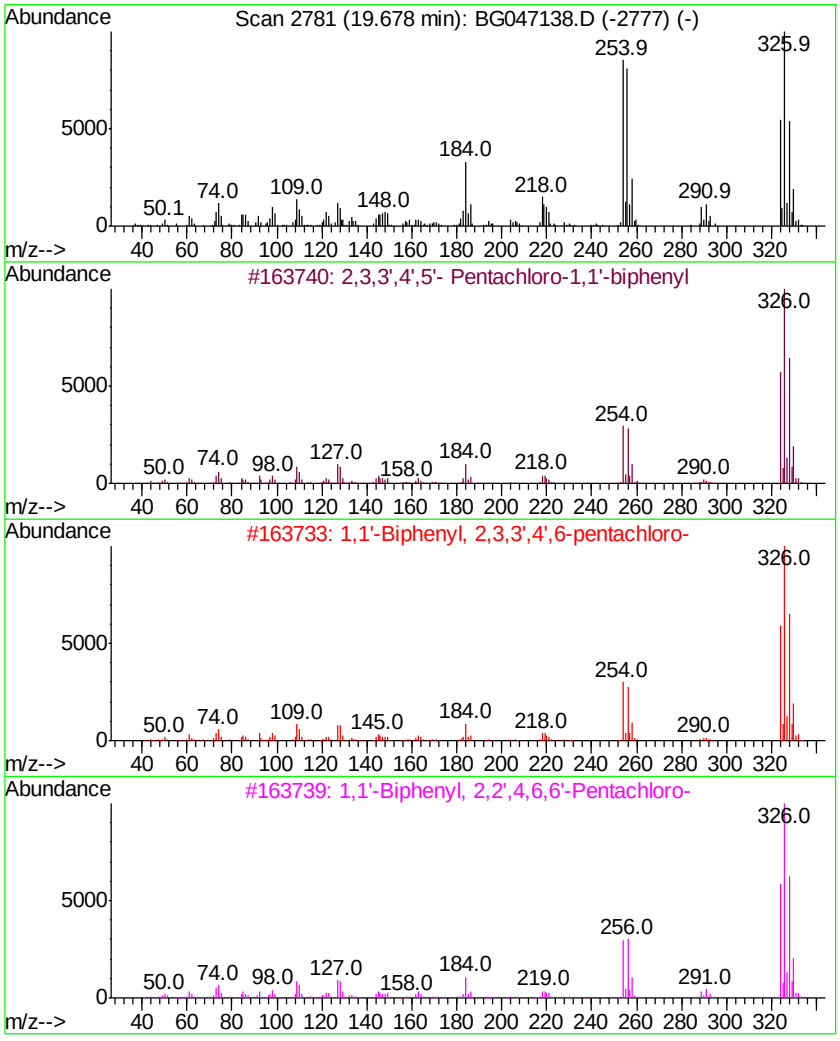
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

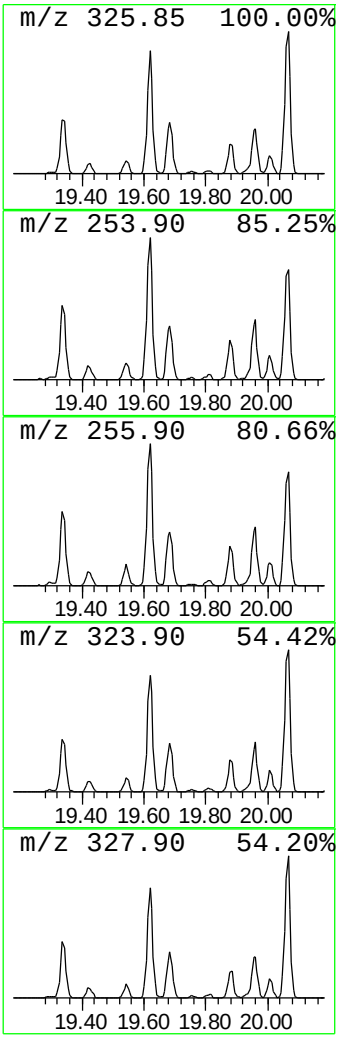
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2,3,3',4',5'- Pentachloro-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	9.47 ng/ul	501762	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, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
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Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

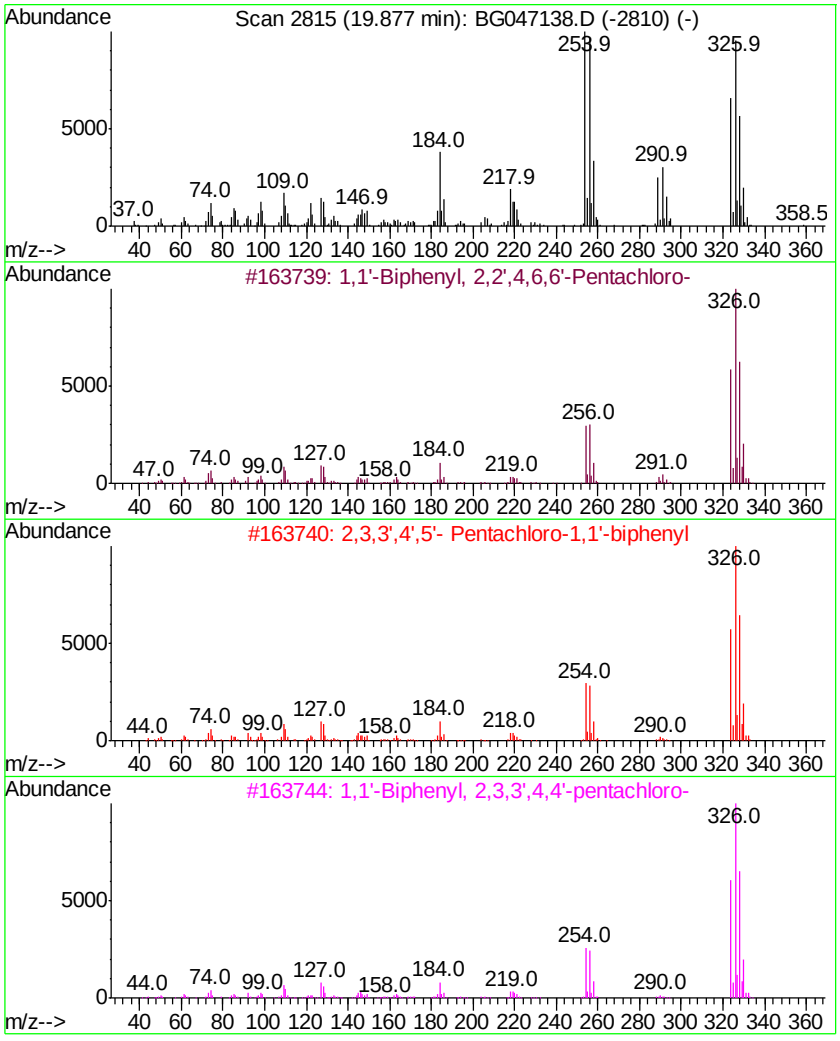
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

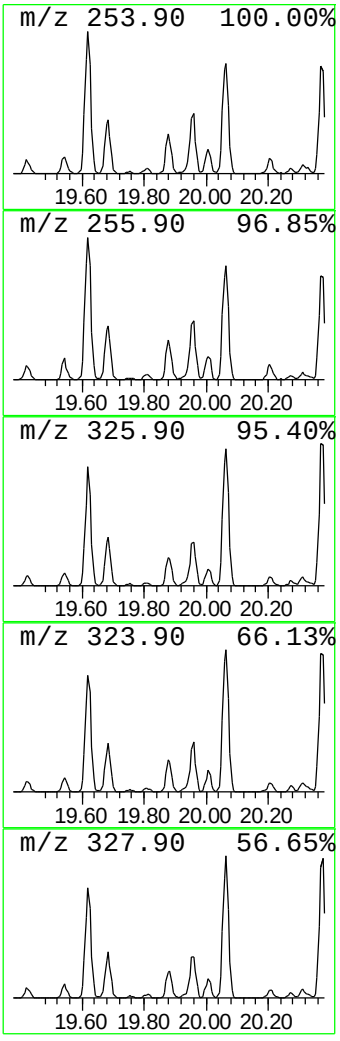
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	6.64 ng/ul	352098	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99





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Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

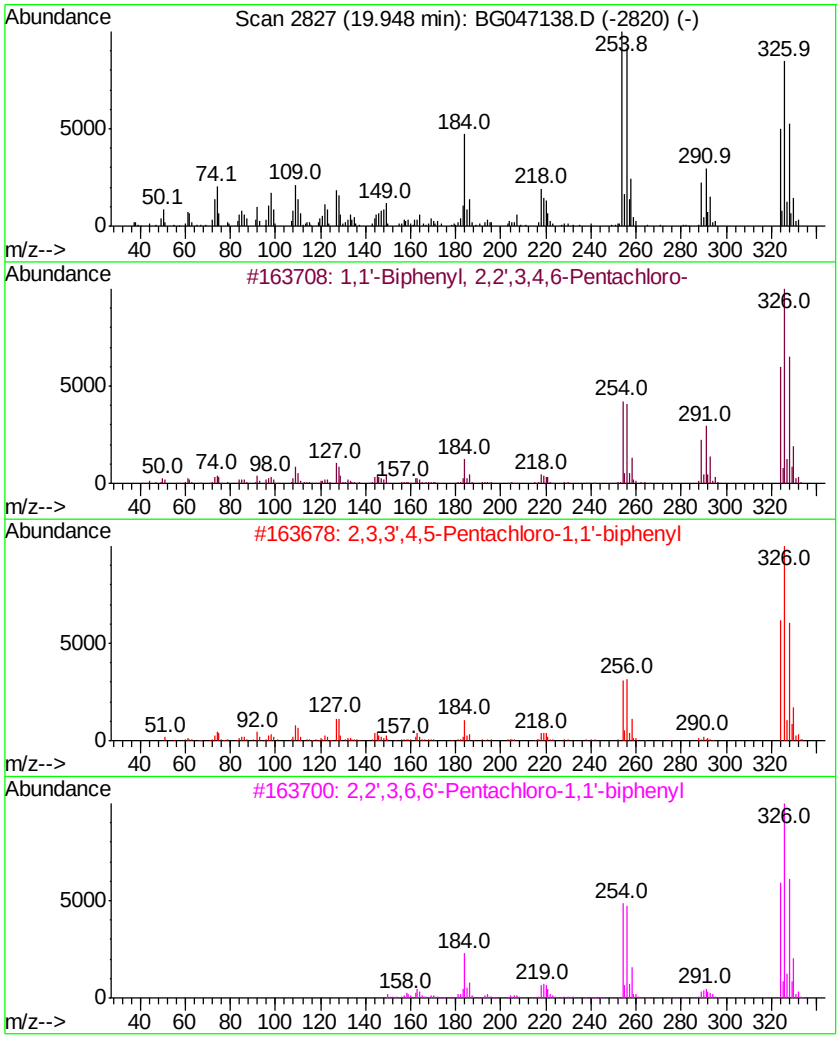
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

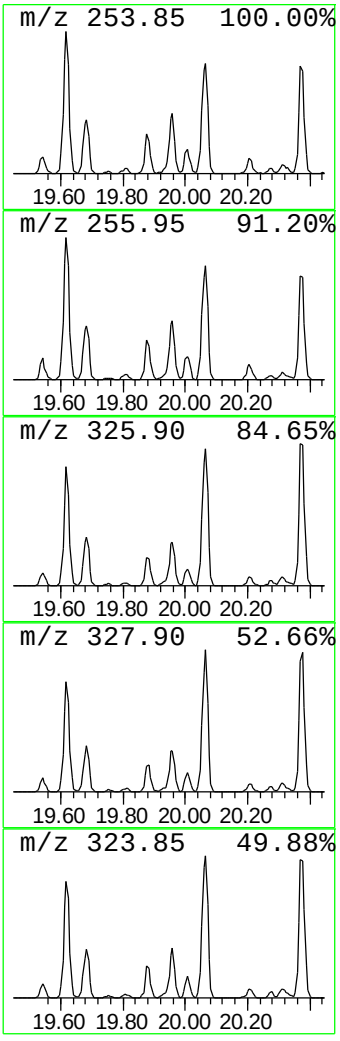
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	10.91 ng/ul	578002	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





Library Search Compound Report

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Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

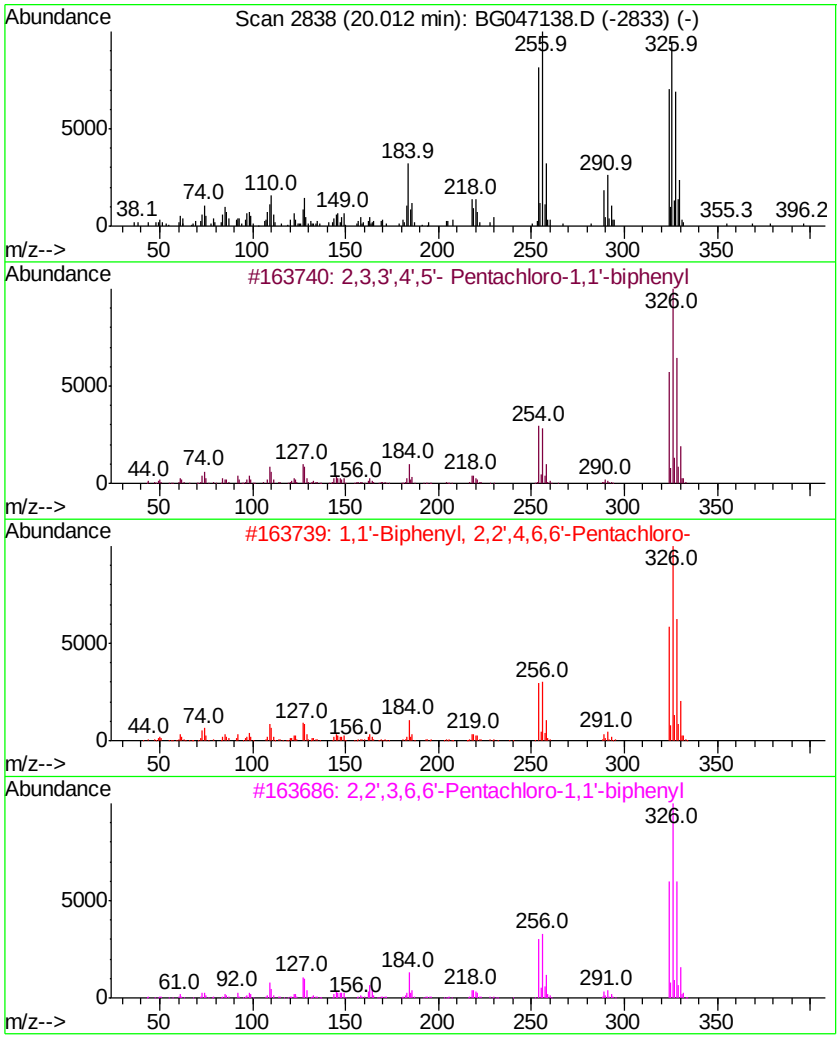
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

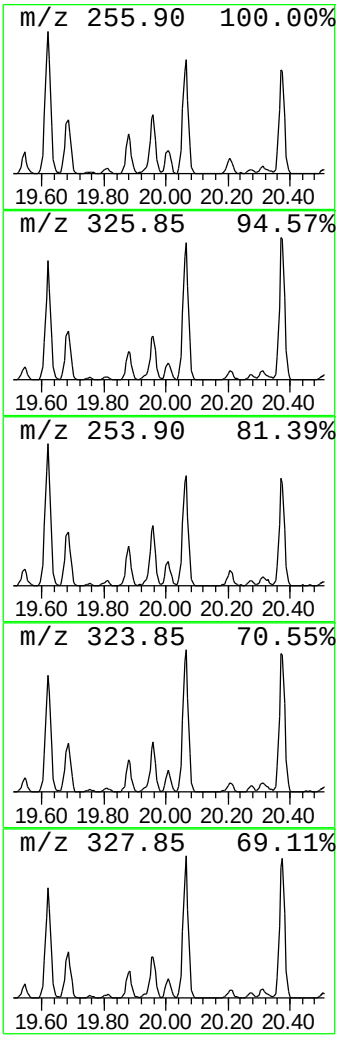
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	4.13 ng/ul	218614	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, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99





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Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

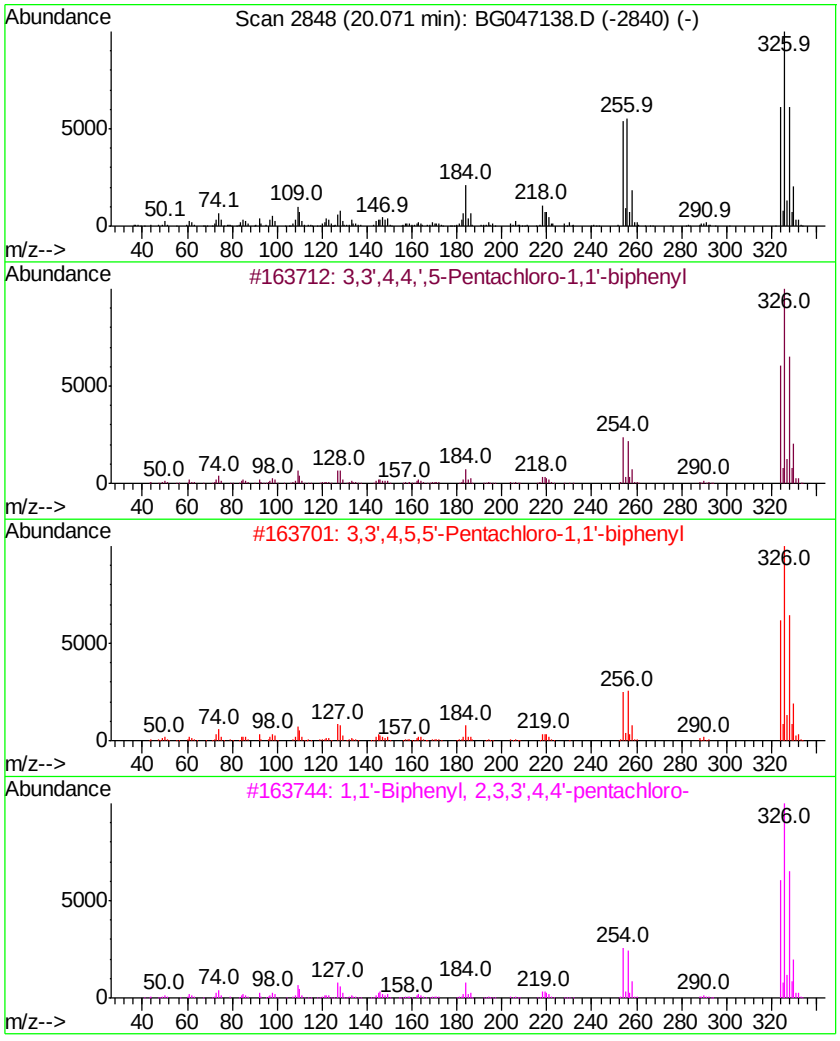
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

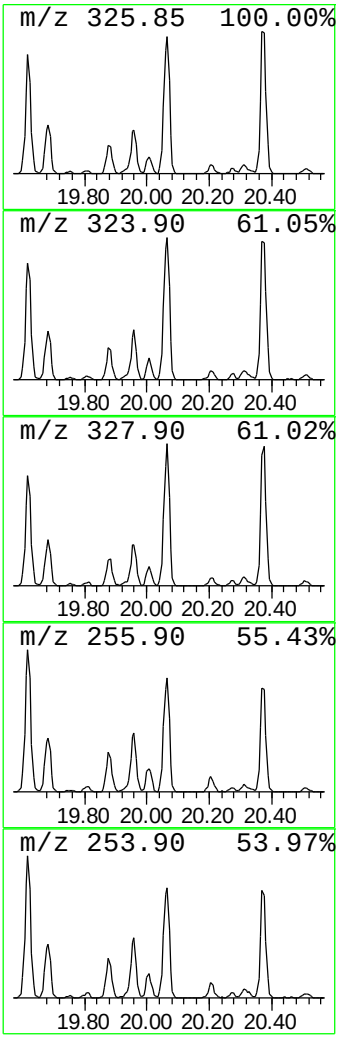
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	23.91 ng/ul	1267050	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	97
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	96
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96





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Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

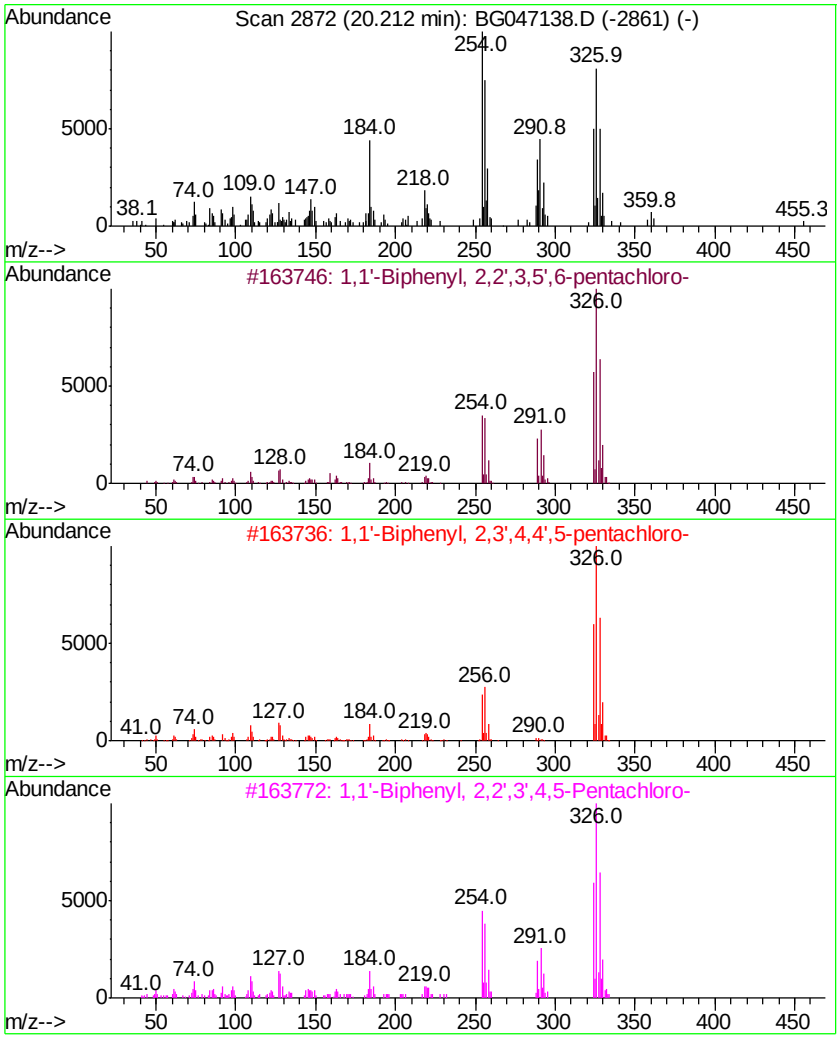
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

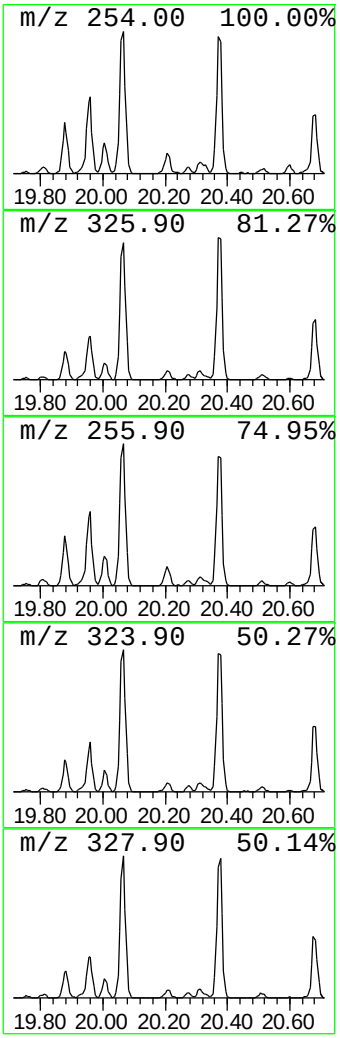
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',3,5',6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	5.76 ng/ul	305448	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

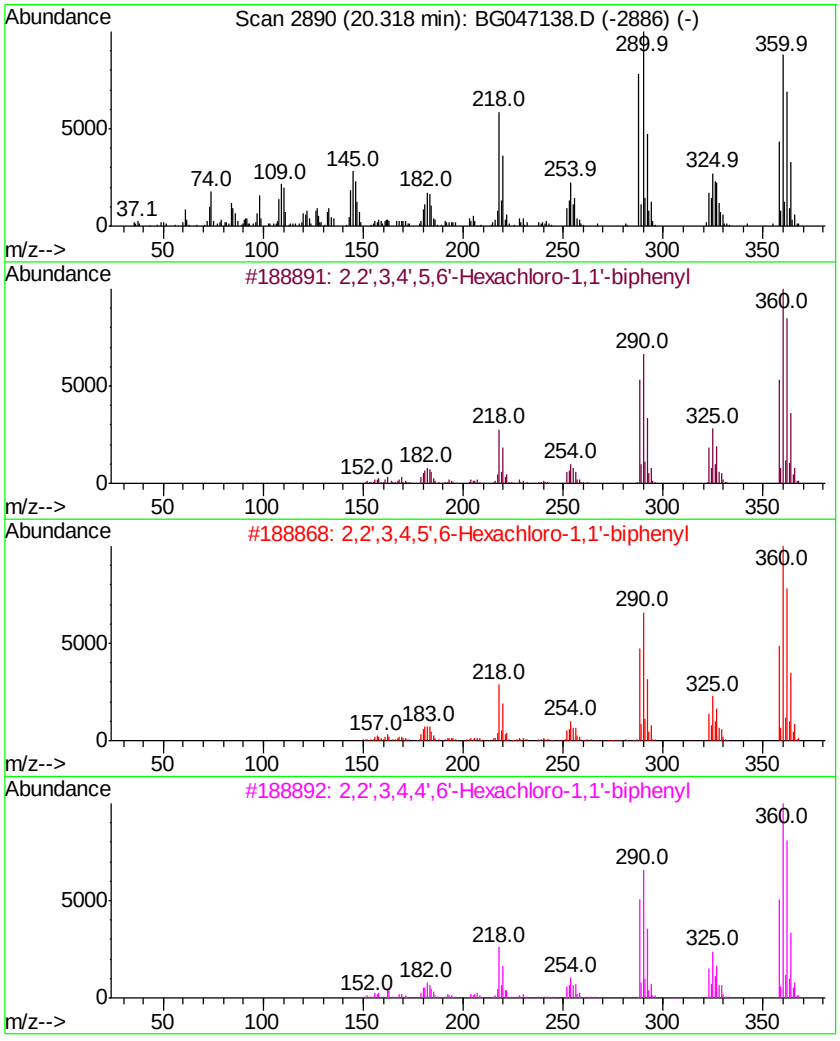
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

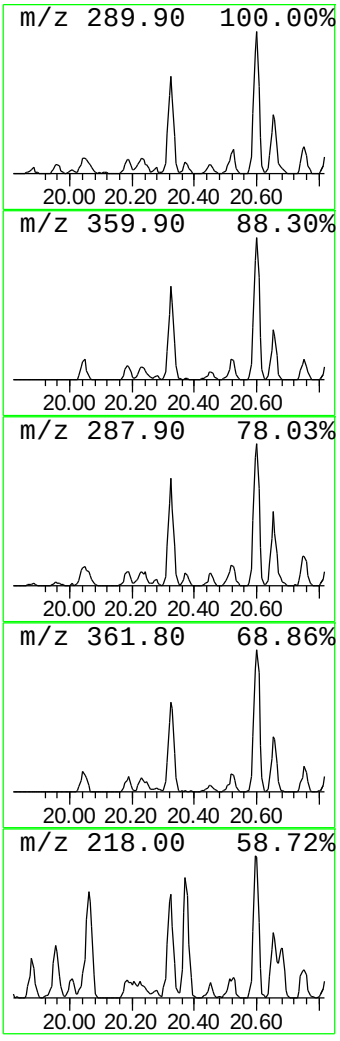
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	9.12 ng/ul	483318	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',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

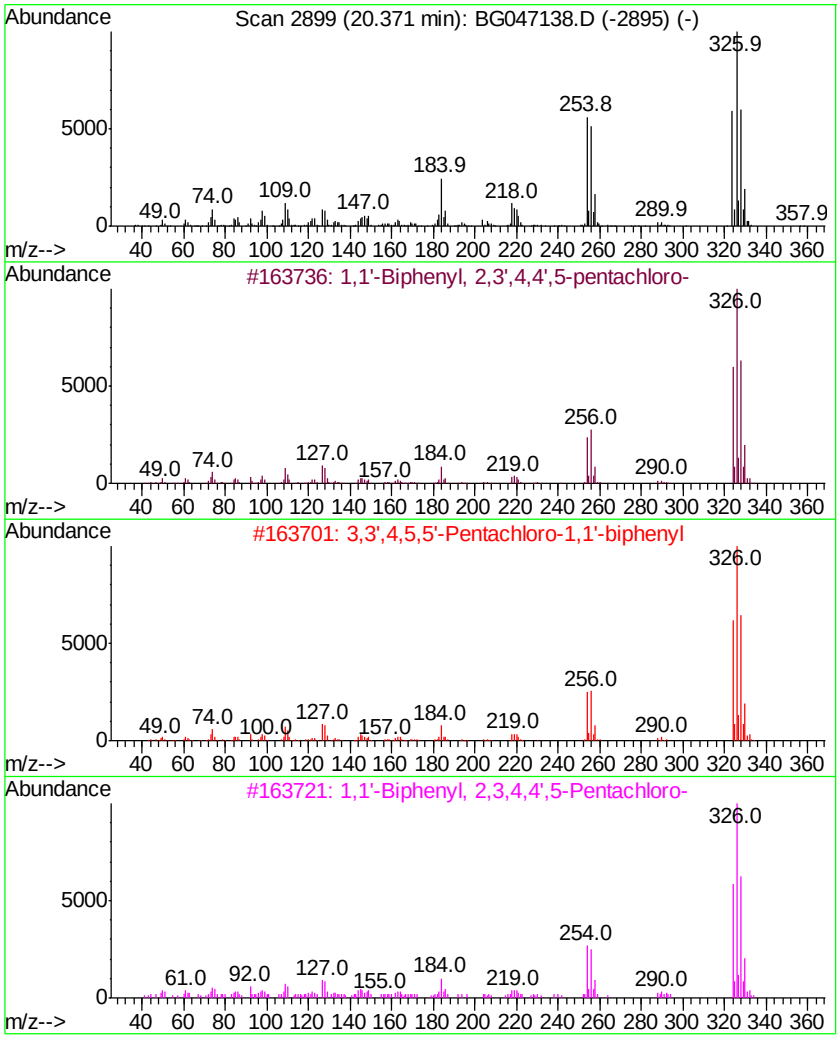
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

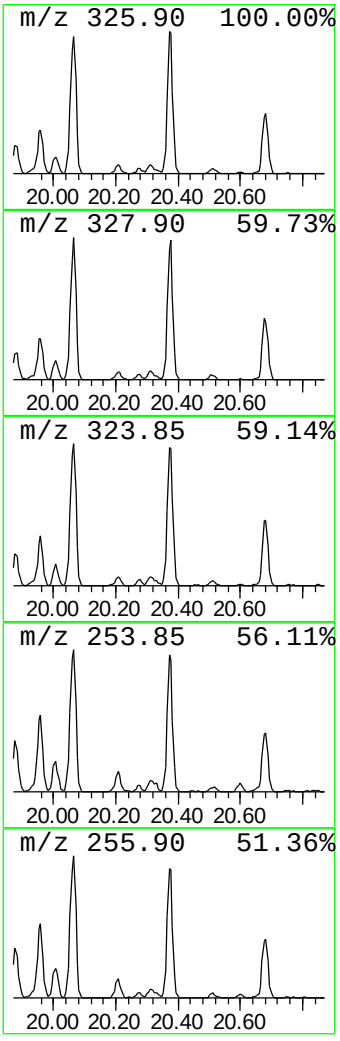
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	21.75 ng/ul	1152450	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
3	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	98
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

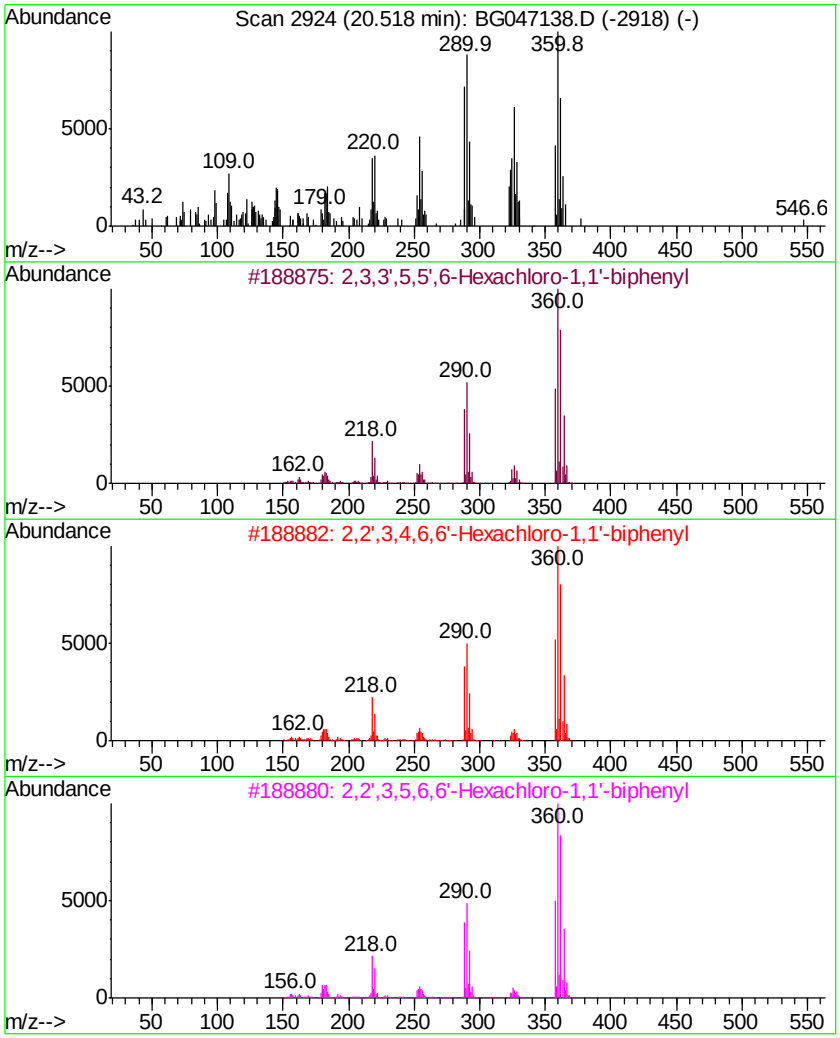
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

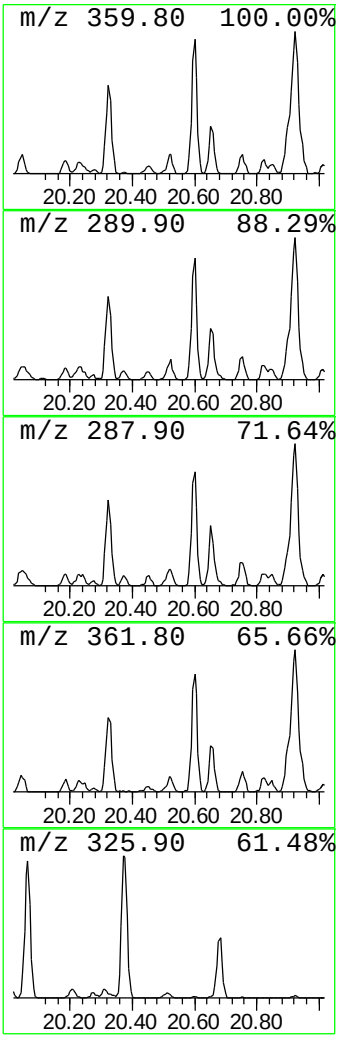
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,3,3',5,5',6-Hexachloro-1,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	2.66 ng/ul	140920	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
2	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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

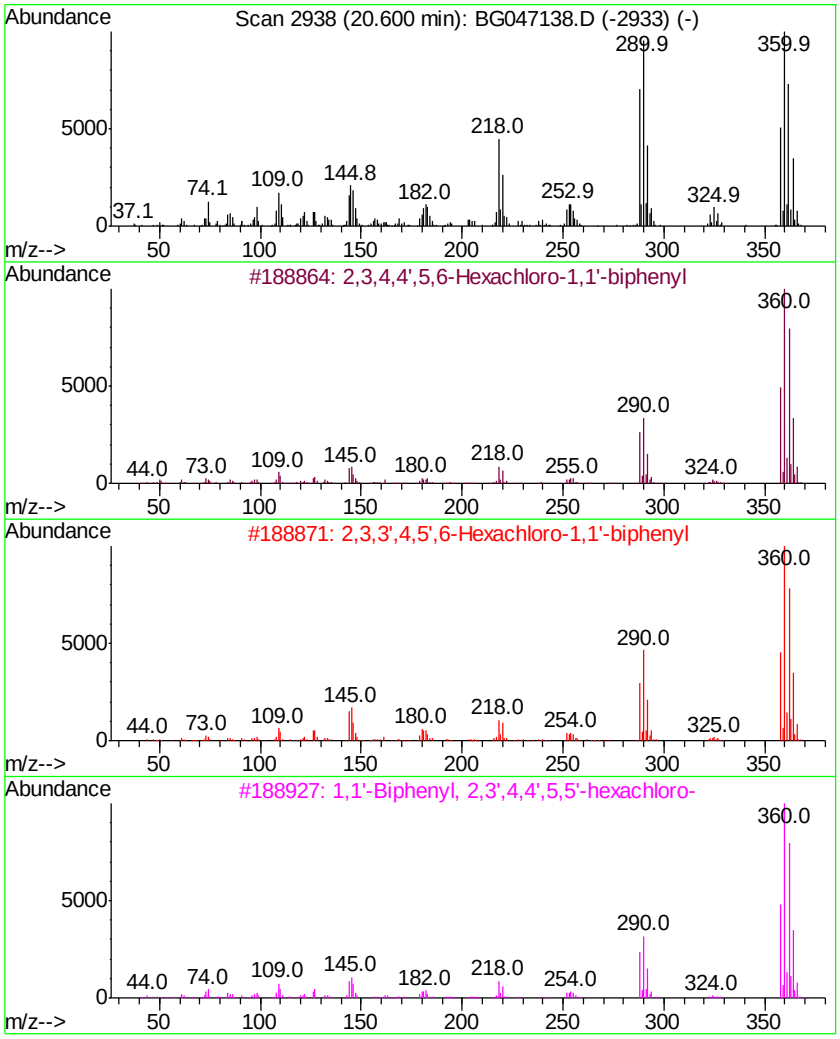
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

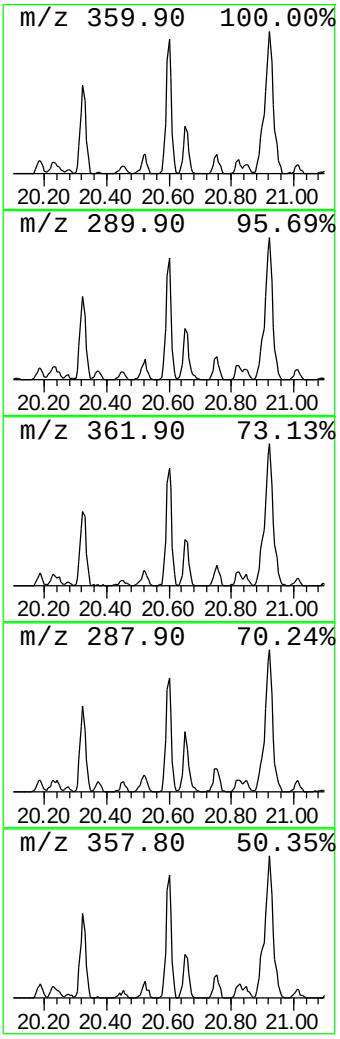
****

Peak Number 21 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	10.08 ng/ul	533921	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	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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

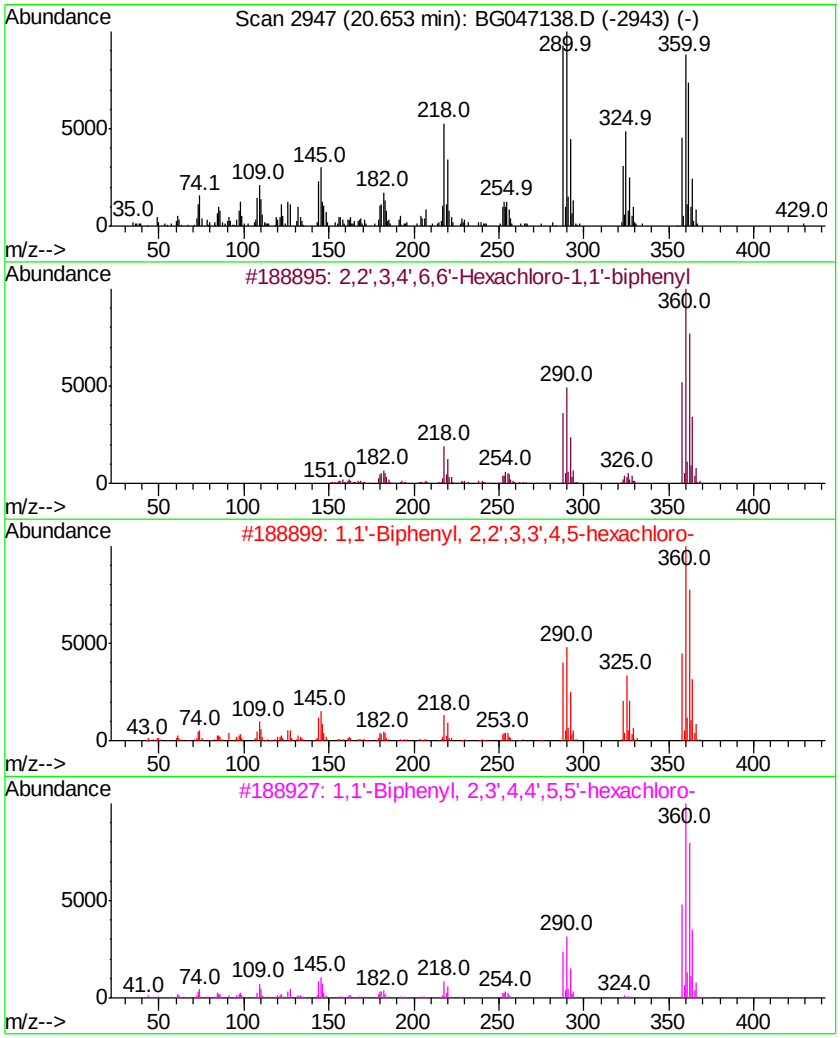
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

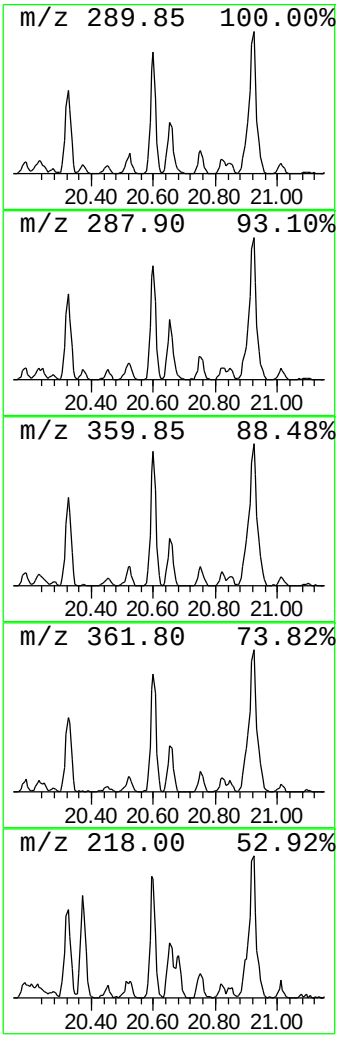
****

Peak Number 22 2,2',3,4',6,6'-Hexachloro-1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	5.34 ng/ul	283000	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',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





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Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

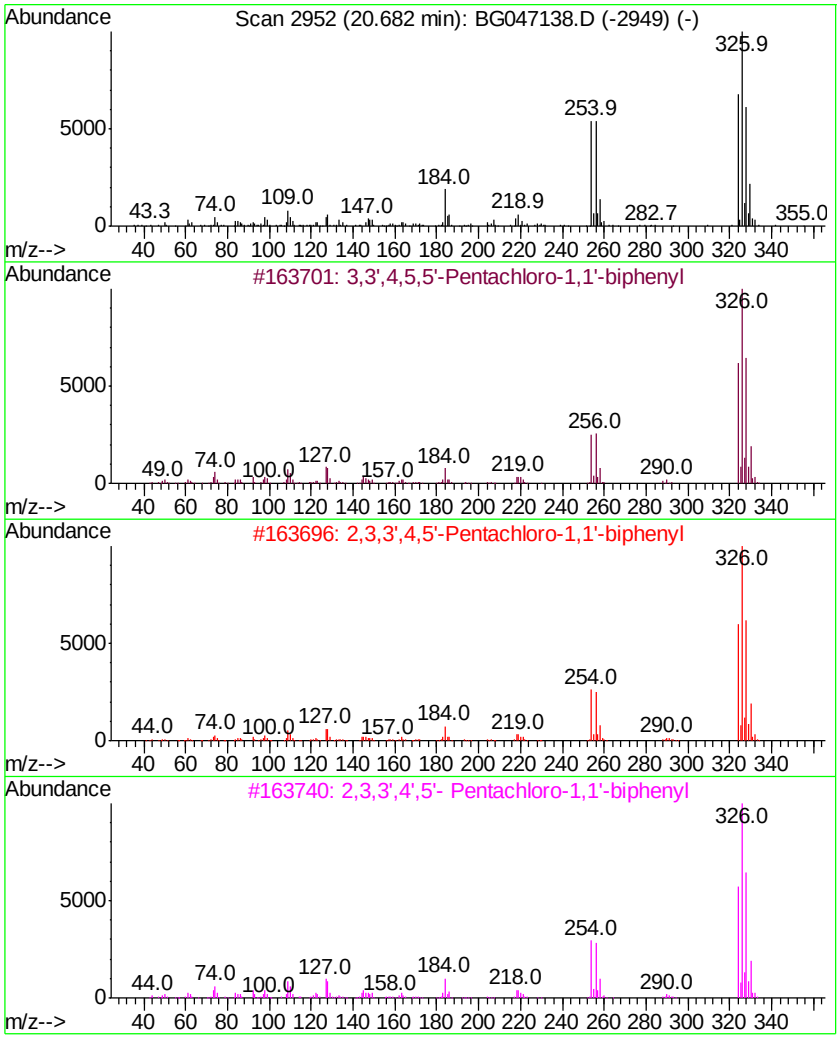
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

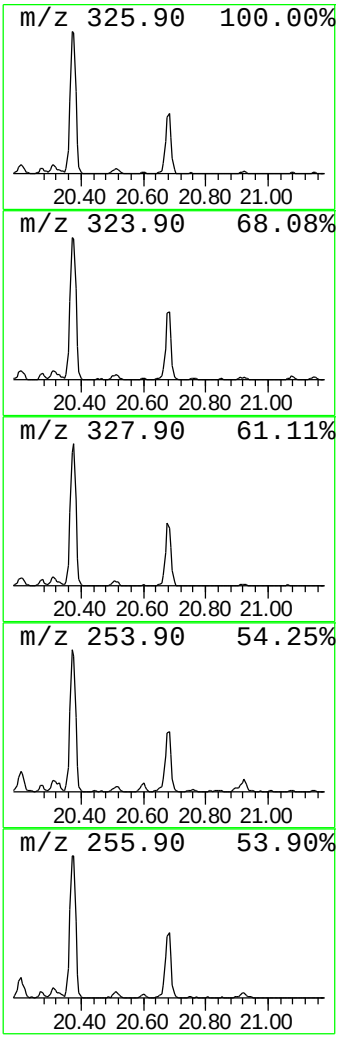
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 3,3',4,5,5'-Pentachloro-1,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	9.39 ng/ul	497799	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	95
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	95
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	95
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95
5	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95





Library Search Compound Report

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Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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

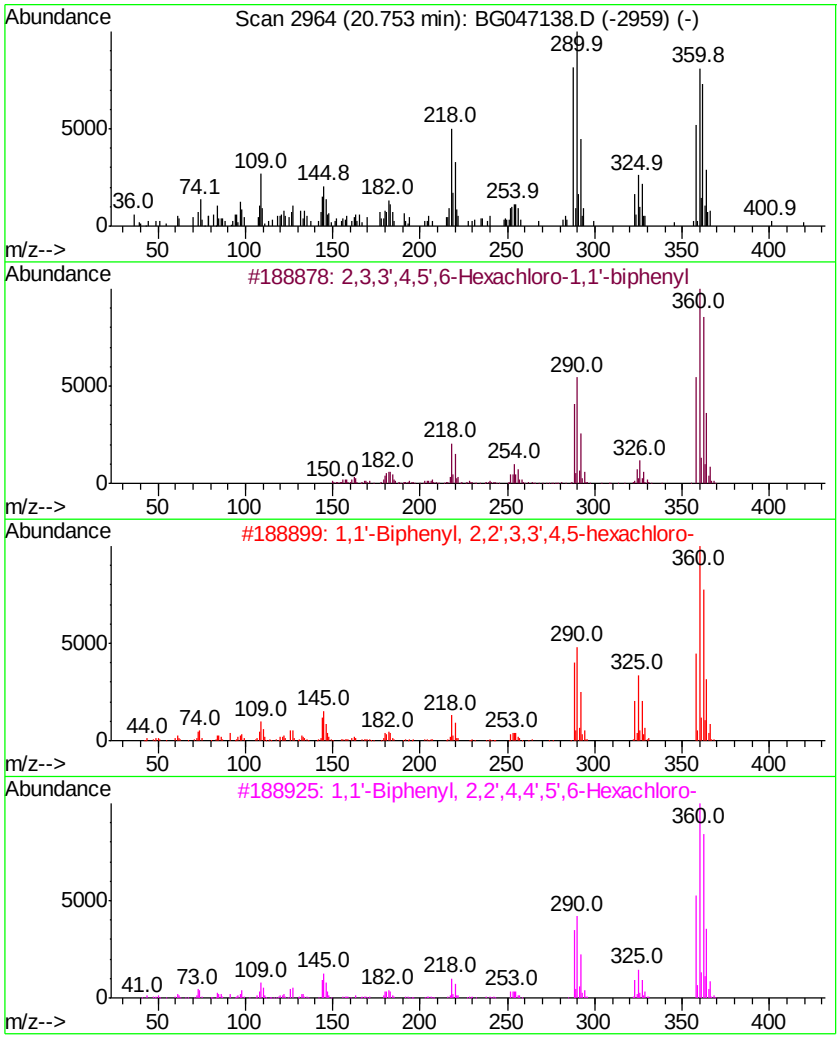
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

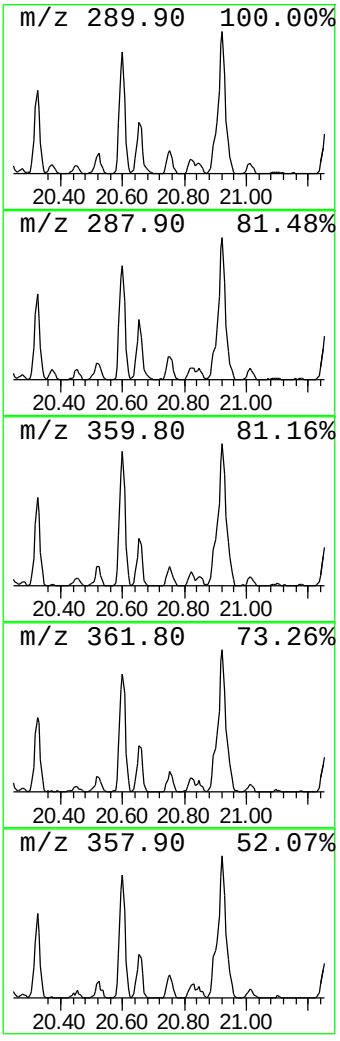
****

Peak Number 24 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.50 ng/ul	132714	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	98
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	97
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	96
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	96
5	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	95





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Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

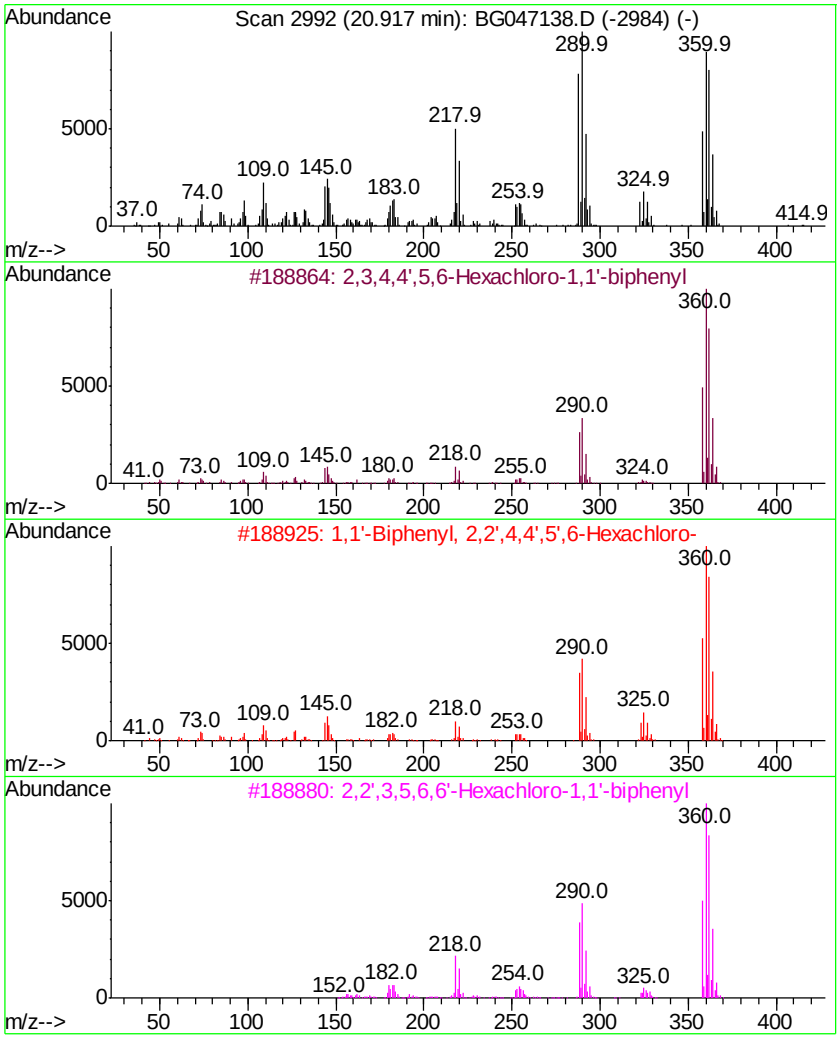
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

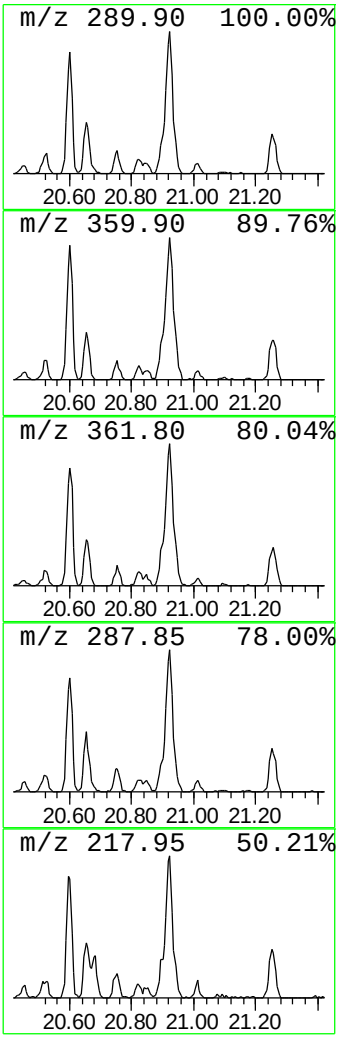
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	18.15 ng/ul	961602	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',6-He...	358	C12H4Cl6	060145-22-4	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

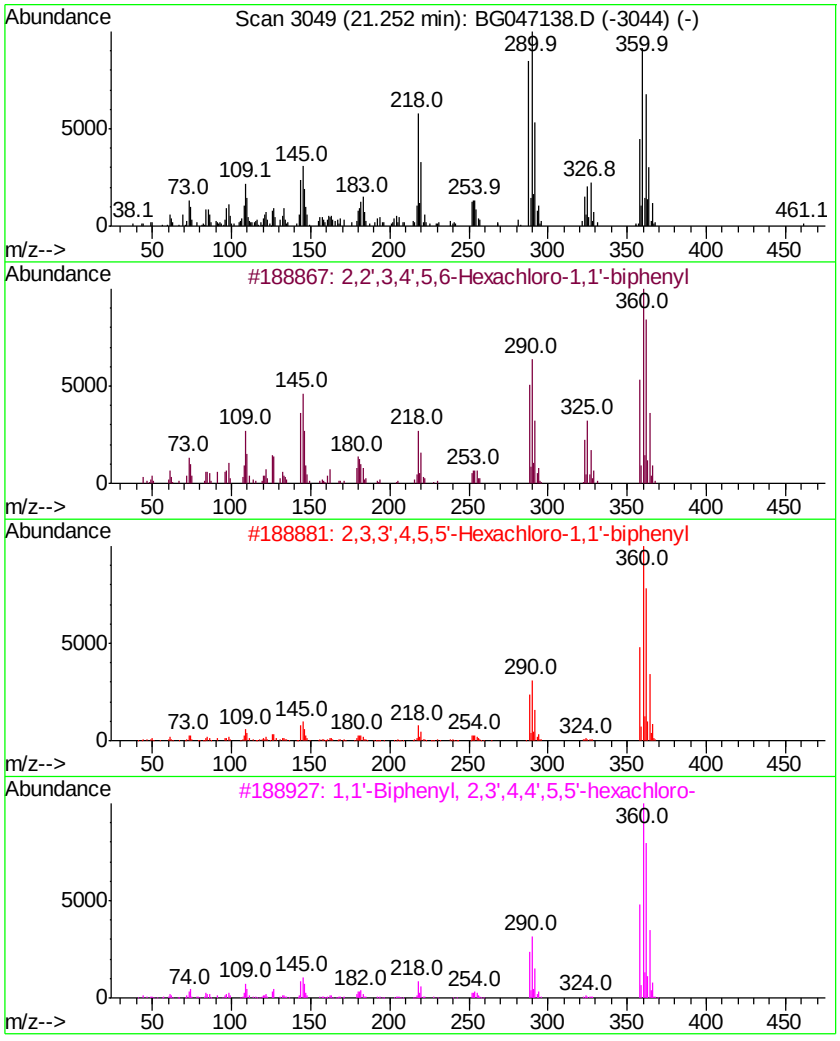
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

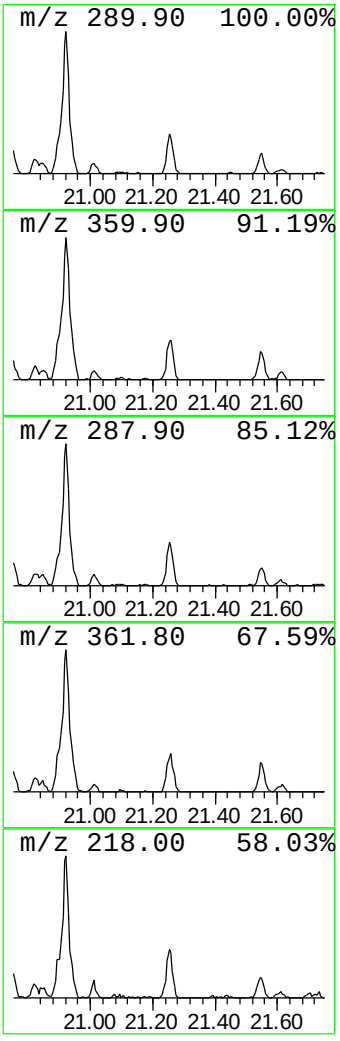
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	4.67 ng/ul	247321	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
2	2,3,3',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',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

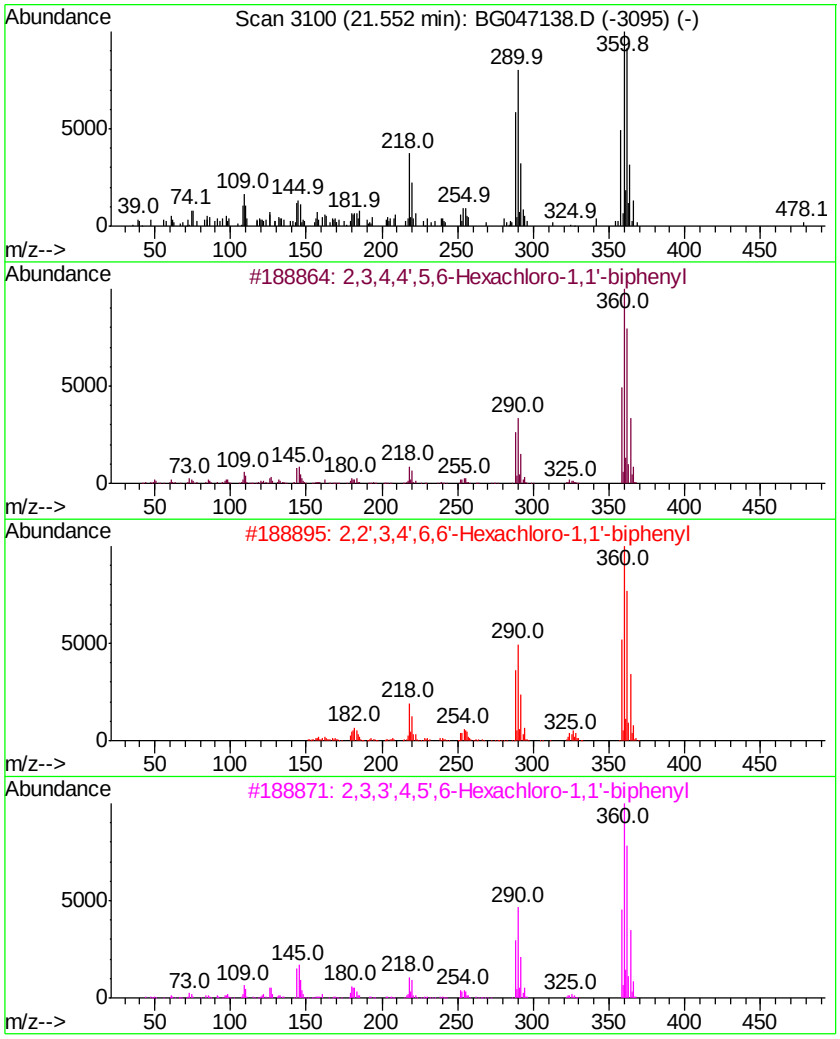
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

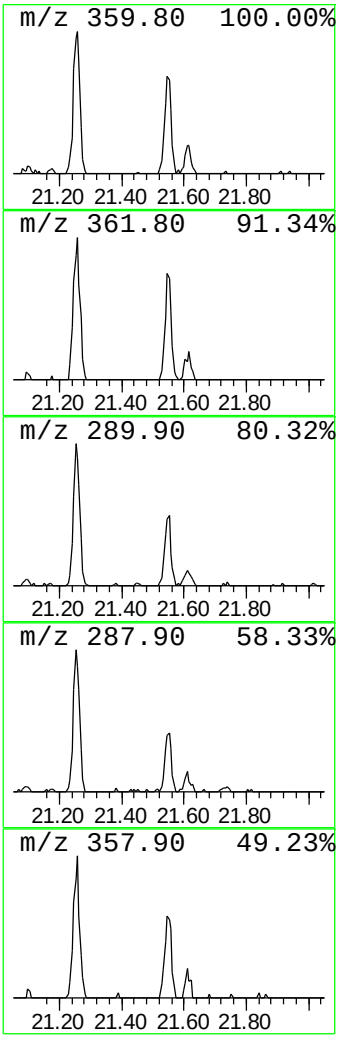
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.18 ng/ul	115374	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	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047138.D
Acq On : 30 Oct 2020 4:06
Operator : CG/JU
Sample : L4506-02
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF6

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...	3.39	29.9	ng/ul	484597	1	8.06	324333	20.0
1,1'-Biphenyl, 2,...	18.50	14.5	ng/ul	615730	4	17.43	848471	20.0
1,1'-Biphenyl, 2,...	18.56	3.7	ng/ul	156527	4	17.43	848471	20.0
2,2',3,6-Tetrachl...	18.78	6.4	ng/ul	269879	4	17.43	848471	20.0
1,1'-Biphenyl, 2,...	18.95	2.1	ng/ul	89902	4	17.43	848471	20.0
1,1'-Biphenyl, 2,...	19.26	3.0	ng/ul	127318	4	17.43	848471	20.0
2,3',4,5'-Tetrach...	19.31	5.6	ng/ul	236604	4	17.43	848471	20.0
2,2',3,4',6-Penta...	19.34	20.3	ng/ul	859394	4	17.43	848471	20.0
1,1'-Biphenyl, 2,...	19.42	3.2	ng/ul	134686	4	17.43	848471	20.0
2,2',3,5,6'-Penta...	19.54	5.9	ng/ul	248827	4	17.43	848471	20.0
2,2',3,6,6'-Penta...	19.62	24.6	ng/ul	1302810	5	21.70	1059760	20.0
2,3,3',4',5'- Pen...	19.68	9.5	ng/ul	501762	5	21.70	1059760	20.0
1,1'-Biphenyl, 2,...	19.88	6.6	ng/ul	352098	5	21.70	1059760	20.0
1,1'-Biphenyl, 2,...	19.95	10.9	ng/ul	578002	5	21.70	1059760	20.0
1,1'-Biphenyl, 2,...	20.01	4.1	ng/ul	218614	5	21.70	1059760	20.0
3,3',4,4,',5-Pent...	20.07	23.9	ng/ul	1267050	5	21.70	1059760	20.0
1,1'-Biphenyl, 2,...	20.21	5.8	ng/ul	305448	5	21.70	1059760	20.0
2,2',3,4',5,6'-He...	20.32	9.1	ng/ul	483318	5	21.70	1059760	20.0
1,1'-Biphenyl, 2,...	20.37	21.8	ng/ul	1152450	5	21.70	1059760	20.0
2,3,3',5,5',6-Hex...	20.52	2.7	ng/ul	140920	5	21.70	1059760	20.0
2,3,4,4',5,6-Hexa...	20.60	10.1	ng/ul	533921	5	21.70	1059760	20.0
2,2',3,4',6,6'-He...	20.65	5.3	ng/ul	283000	5	21.70	1059760	20.0
3,3',4,5,5'-Penta...	20.68	9.4	ng/ul	497799	5	21.70	1059760	20.0
2,3,3',4,5',6-Hex...	20.75	2.5	ng/ul	132714	5	21.70	1059760	20.0
1,1'-Biphenyl, 2,...	20.92	18.1	ng/ul	961602	5	21.70	1059760	20.0
2,2',3,4',5,6-Hex...	21.25	4.7	ng/ul	247321	5	21.70	1059760	20.0
1,1'-Biphenyl, 2,...	21.55	2.2	ng/ul	115374	5	21.70	1059760	20.0