LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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	4	9	19	rVB	512749	563173	46.43%	3.991%
2	3.708	56	63	64	rBV2	3327	4695	0.39%	0.033%
3	3.738	64	68	73	rVB2	14967	20431	1.68%	0.145%
4	3.826	80	83	86	rVB2	1376	1497	0.12%	0.011%
5	4.114	129	132	134	rBV3	1478	1571	0.13%	0.011%
6	4.219	147	150	154	rBV2	3208	3241	0.27%	0.023%
7	4.595	211	214	217	rBV	991	1467	0.12%	0.010%
8	4.654	221	224	229	rVV2	6593	8596	0.71%	0.061%
9	4.701	229	232	233	rVB	1631	1449	0.12%	0.010%
10	4.854	252	258	260	rVB	1053	1789	0.15%	0.013%
11	5.212	316	319	322	rVB	1783	1590	0.13%	0.011%
12	5.547	375	376	382	rVB2	1885	2564	0.21%	0.018%
13	5.953	443	445	448	rVB	1363	1502	0.12%	0.011%
14	5.982	448	450	453	rBV	1726	1860	0.15%	0.013%
15	6.064	462	464	467	rBV	1431	1789	0.15%	0.013%
16	6.593	552	554	557	rVB	1276	1575	0.13%	0.011%
17	7.310	673	676	680	rVB	1279	1671	0.14%	0.012%
18	7.474	700	704	708	rVB2	855	1375	0.11%	0.010%
19	8.050	796	802	816	rVB	242301	410579	33.85%	2.910%
20	8.185	821	825	829	rBV4	2868	4423	0.36%	0.031%
21	8.414	860	864	867	rVB4	1291	1438	0.12%	0.010%
22	9.120	982	984	990	rBV4	873	1669	0.14%	0.012%
23	9.196	993	997	999	rBV2	1944	2588	0.21%	0.018%
24	9.907	1114	1118	1122	rBV	1423	2440	0.20%	0.017%
25	10.865	1274	1281	1290	rBV	307516	550732	45.41%	3.903%
26	11.129	1322	1326	1332	rVB2	1002	1379	0.11%	0.010%
27	11.352	1359	1364	1365	rBV	947	1408	0.12%	0.010%
28	12.621	1577	1580	1584	rBV	1204	1754	0.14%	0.012%
29	13.362	1704	1706	1709	rBV	915	1410	0.12%	0.010%
30	14.026	1816	1819	1823	rBV	989	1526	0.13%	0.011%
31	14.372	1876	1878	1881	rBV	1079	1399	0.12%	0.010%
32	14.684	1924	1931	1942	rBV2	536663	829233	68.37%	5.876%
33	16.382	2216	2220	2222	rBV2	1750	2320	0.19%	0.016%
34	16.828	2292	2296	2297	rVB2	1457	1506	0.12%	0.011%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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	16.899	2305	2308	2315	rVB2	1969	4064	0.34%	0.029%
36	16.951	2315	2317	2318	rBV	1930	1703	0.14%	0.012%
37	17.157	2350	2352	2354	rBV	1609	1815	0.15%	0.013%
38	17.222	2359	2363	2367	rBV2	2519	4234	0.35%	0.030%
39	17.310	2373	2378	2382	rVV3	3937	5850	0.48%	0.041%
40	17.339	2382	2383	2386	rVB2	2249	2030	0.17%	0.014%
41	17.433	2392	2399	2411	rBV	664852	1017141	83.86%	7.208%
42	17.604	2422	2428	2432	rBV4	12108	18693	1.54%	0.132%
43	17.633	2432	2433	2437	rVB2	1776	1675	0.14%	0.012%
44	17.880	2471	2475	2478	rBV4	4600	6407	0.53%	0.045%
45	17.915	2479	2481	2483	rVB3	3361	2324	0.19%	0.016%
46	18.033	2493	2501	2506	rBV	57035	111140	9.16%	0.788%
47	18.085	2508	2510	2514	rVB2	2605	2711	0.22%	0.019%
48	18.144	2516	2520	2527	rVB4	12294	22957	1.89%	0.163%
49	18.215	2530	2532	2534	rBV2	2760	2807	0.23%	0.020%
50	18.279	2539	2543	2548	rVV3	21836	32125	2.65%	0.228%
51	18.332	2548	2552	2557	rVB4	12281	16909	1.39%	0.120%
52	18.438	2567	2570	2574	rBV3	4013	6269	0.52%	0.044%
53	18.497	2574	2580	2586	rVV	267829	360310	29.71%	2.553%
54	18.555	2586	2590	2594	rVV	82879	109531	9.03%	0.776%
55	18.597	2594	2597	2602	rVB2	32529	42829	3.53%	0.304%
56	18.644	2602	2605	2606	rBV2	2047	1822	0.15%	0.013%
57	18.779	2623	2628	2633	rBV	133602	189293	15.61%	1.341%
58	18.826	2633	2636	2642	rVB4	20536	28112	2.32%	0.199%
59	18.879	2642	2645	2648	rBV4	7943	11760	0.97%	0.083%
60	18.920	2648	2652	2654	rVV4	19579	29034	2.39%	0.206%
61	18.955	2654	2658	2663	rVB	62410	84293	6.95%	0.597%
62	19.026	2663	2670	2671	rBV5	5832	9038	0.75%	0.064%
63	19.055	2671	2675	2679	rVB6	11980	17140	1.41%	0.121%
64	19.196	2698	2699	2705	rBV4	4968	4429	0.37%	0.031%
65	19.261	2705	2710	2713	rBV	57927	72129	5.95%	0.511%
66	19.308	2713	2718	2720	rVV	134819	203682	16.79%	1.443%
67	19.337	2720	2723	2731	rVB2	387111	542788	44.75%	3.846%
68	19.419	2731	2737	2742	rBV2	62146	90263	7.44%	0.640%
69	19.484	2745	2748	2751	rVB3	5617	7527	0.62%	0.053%
70	19.543	2751	2758	2766	rBV4	90144	176054	14.52%	1.248%
71	19.613	2766	2770	2776	rVB	614553	824415	67.97%	5.842%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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	19.684	2776	2782	2787	rBV	216504	282578	23.30%	2.002%
73	19.731	2787	2790	2792	rBV3	15159	19127	1.58%	0.136%
74	19.807	2799	2803	2807	rBV7	33408	44675	3.68%	0.317%
75	19.877	2810	2815	2820	rVV2	173579	224322	18.49%	1.590%
76	19.954	2821	2828	2833	rVV	280317	375077	30.92%	2.658%
77	20.001	2833	2836	2840	rVV	99238	124294	10.25%	0.881%
78	20.060	2840	2846	2851	rVB	636795	830032	68.43%	5.882%
79	20.183	2863	2867	2868	rBV3	47136	55946	4.61%	0.396%
80	20.318	2885	2890	2895	rBV2	259641	359000	29.60%	2.544%
81	20.371	2895	2899	2908	rVB	584884	700973	57.79%	4.967%
82	20.447	2908	2912	2917	rBV7	33377	47991	3.96%	0.340%
83	20.518	2919	2924	2930	rVB6	61772	100366	8.27%	0.711%
84	20.594	2932	2937	2942	rBV	312085	386244	31.85%	2.737%
85	20.653	2942	2947	2949	rBV	154971	230674	19.02%	1.635%
86	20.677	2949	2951	2957	rVB	254634	273178	22.52%	1.936%
87	20.747	2959	2963	2970	rVB6	71536	112899	9.31%	0.800%
88	20.823	2972	2976	2978	rBV4	34367	52846	4.36%	0.374%
89	20.917	2984	2992	3000	rBV	379371	678117	55.91%	4.805%
90	21.011	3004	3008	3011	rBV4	26688	36073	2.97%	0.256%
91	21.252	3044	3049	3055	rVB2	116653	164060	13.53%	1.163%
92	21.540	3095	3098	3103	rVB3	55589	73267	6.04%	0.519%
93	21.699	3119	3125	3137	rVB2	686984	1212886	100.00%	8.595%
94	23.990	3512	3515	3524	rVB5	28536	58532	4.83%	0.415%
95	24.936	3667	3676	3688	rVB	419208	1165362	96.08%	8.258%

Sum of corrected areas: 14111461

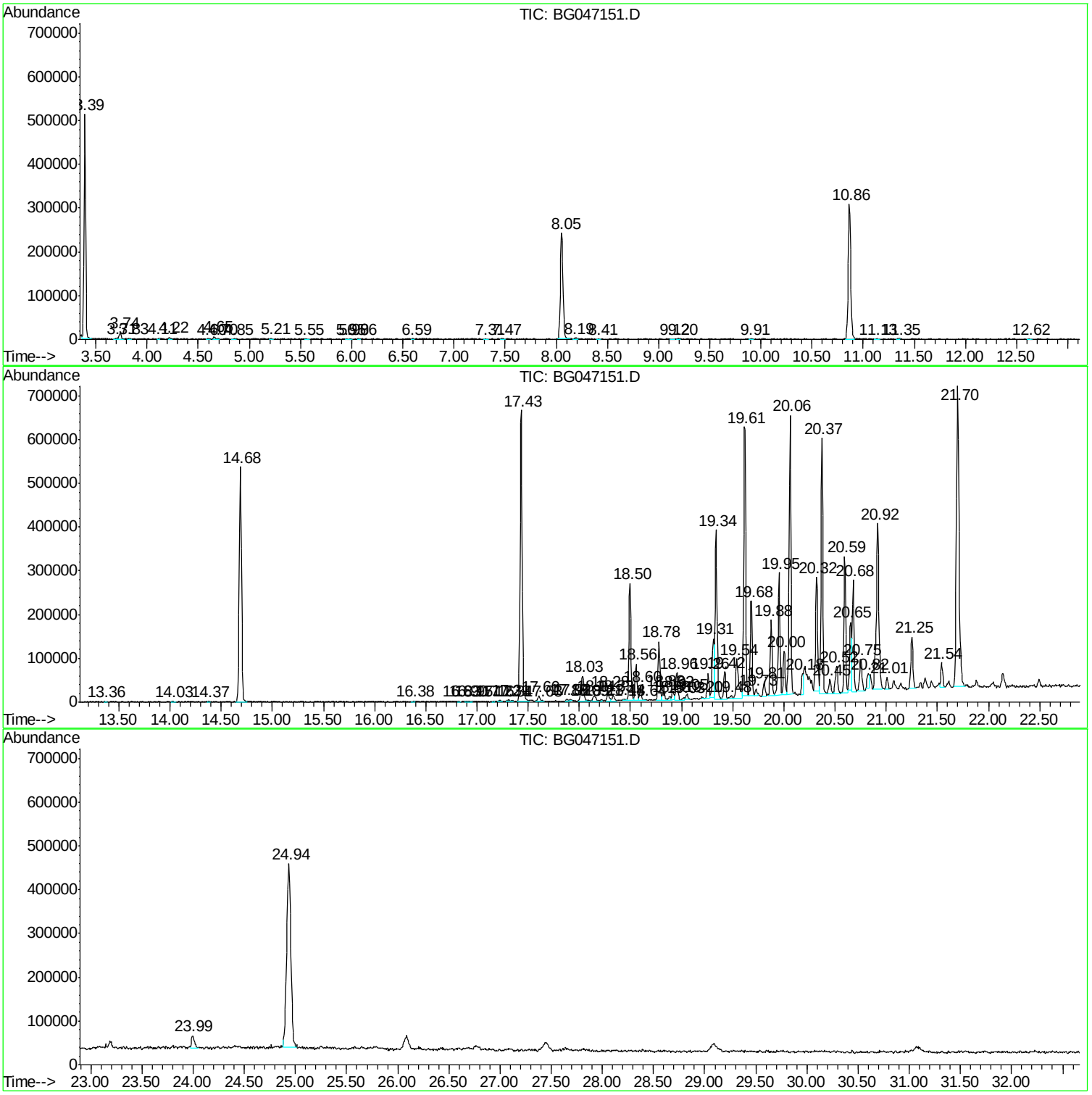
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF2

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 : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

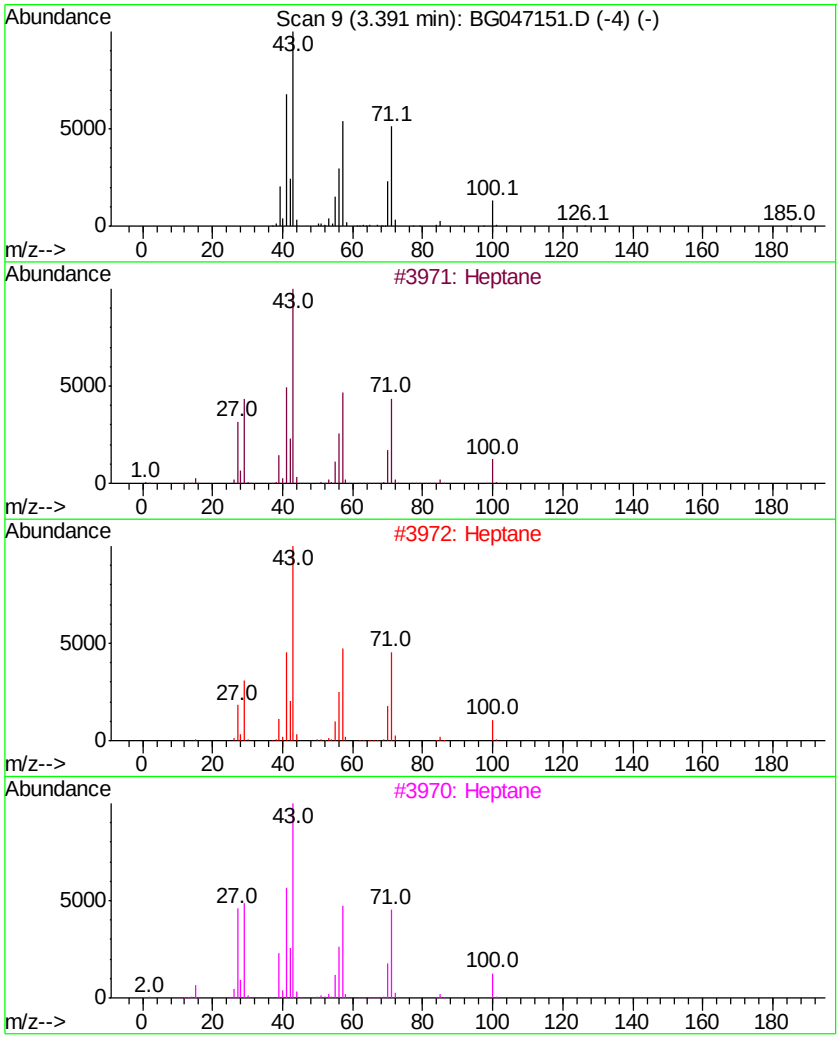
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

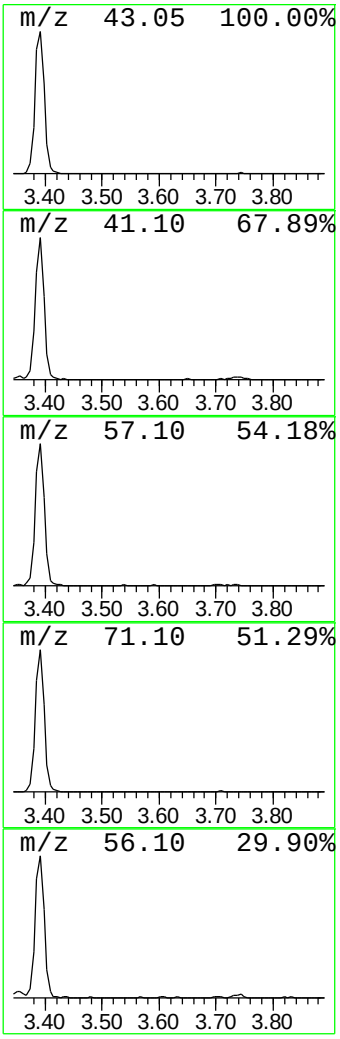
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	27.43 ng/ul	563173	1,4-Dichlorobenzene-d4	8.05

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	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

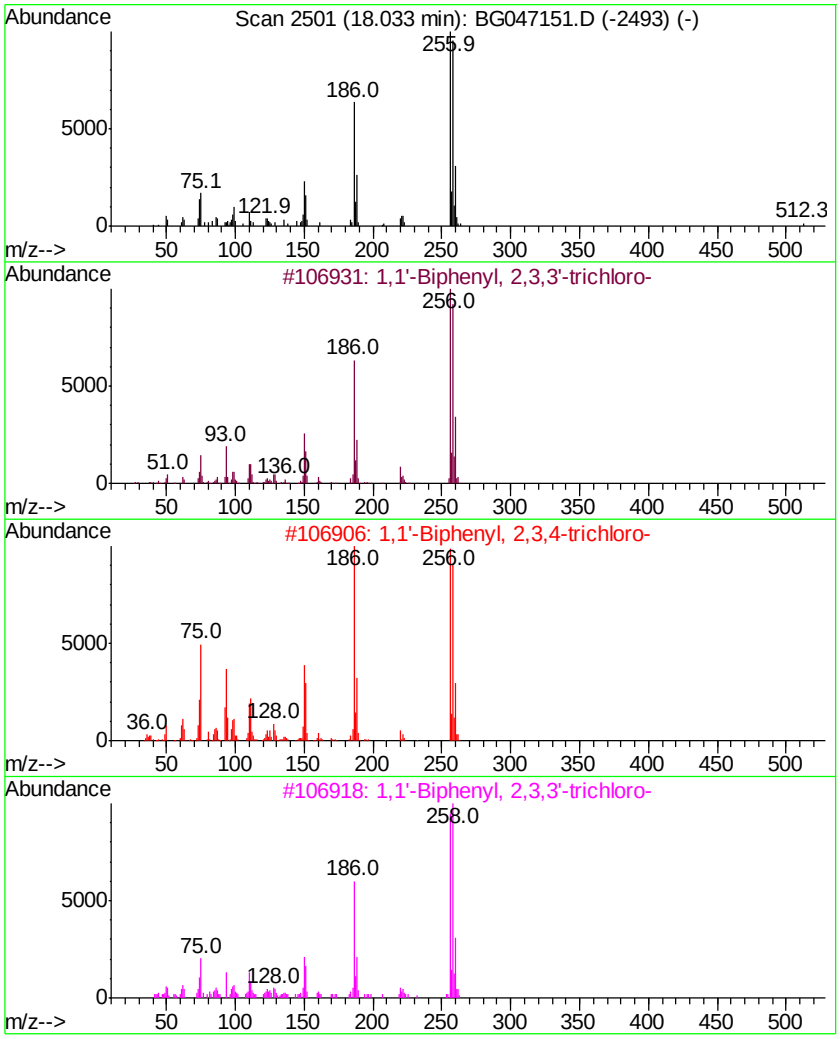
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

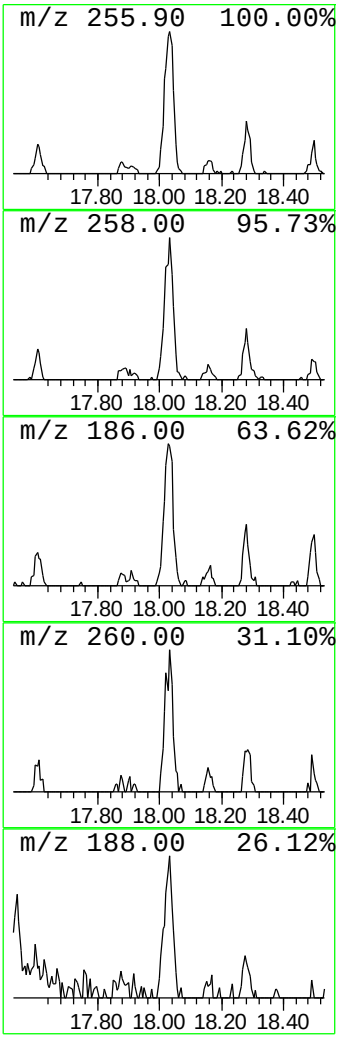
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.19 ng/ul	111140	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	95
2	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	95
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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

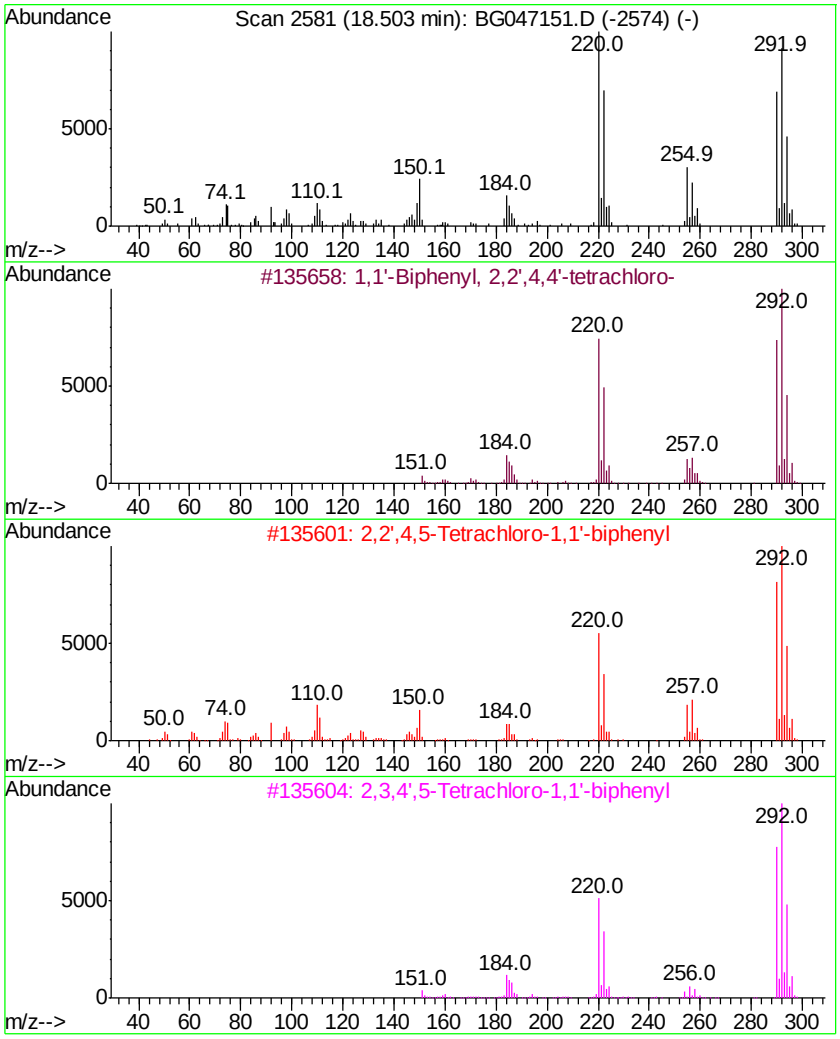
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

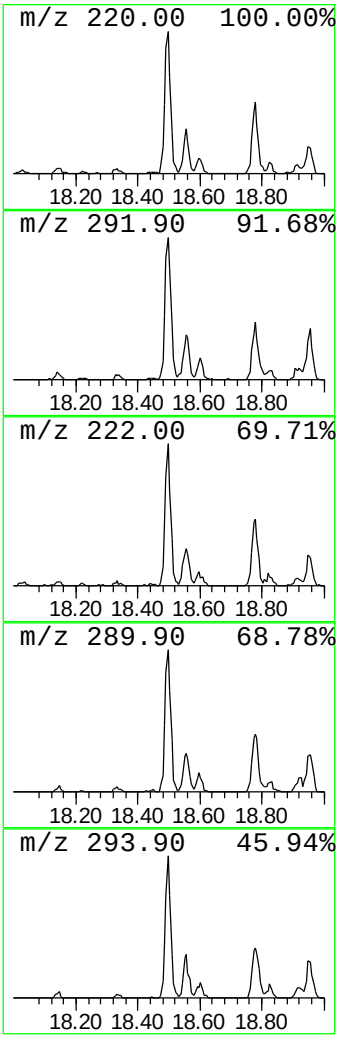
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	7.08 ng/ul	360310	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	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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

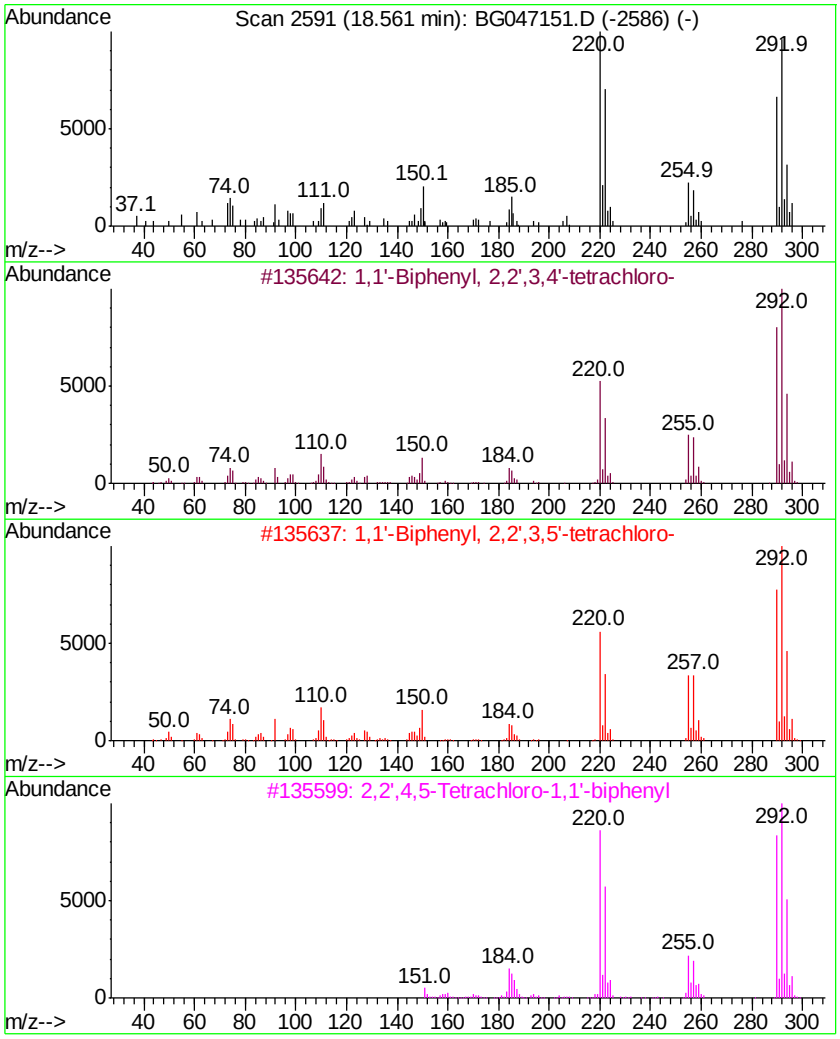
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

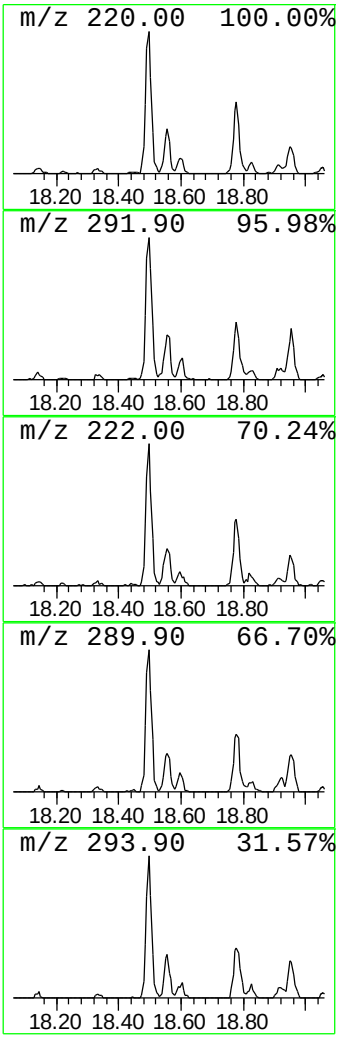
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.15 ng/ul	109531	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	98
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	98
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97
4	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	95
5	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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

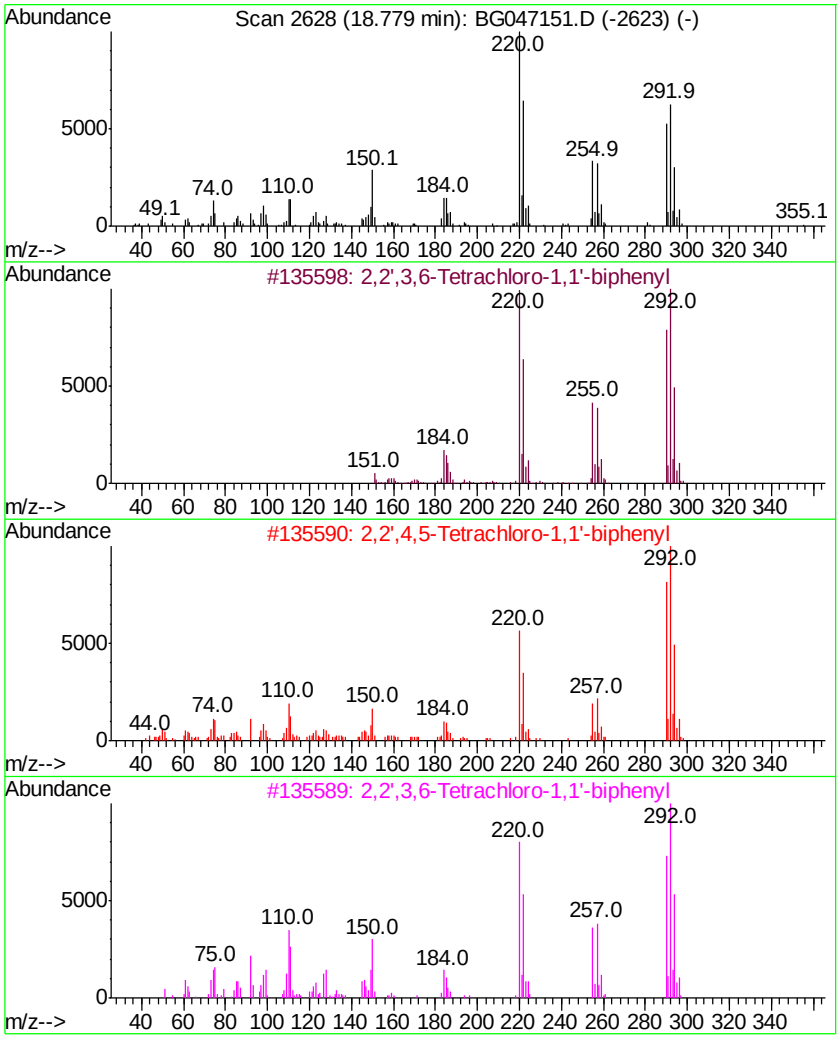
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

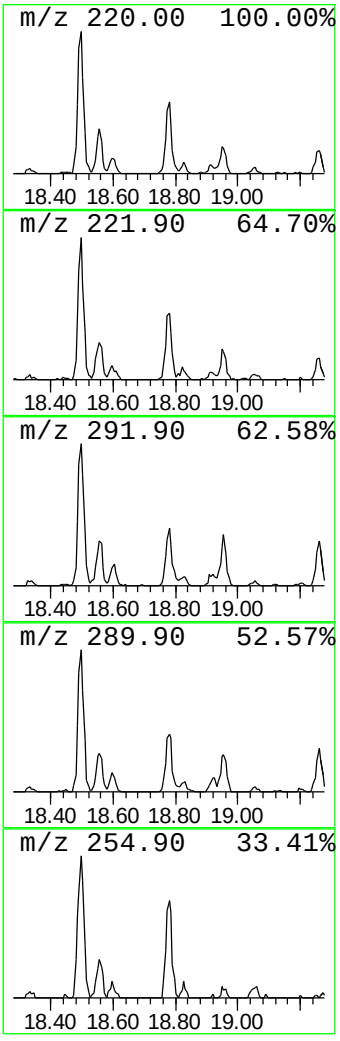
****

Peak Number 5 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	3.72 ng/ul	189293	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	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





Library Search Compound Report

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Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

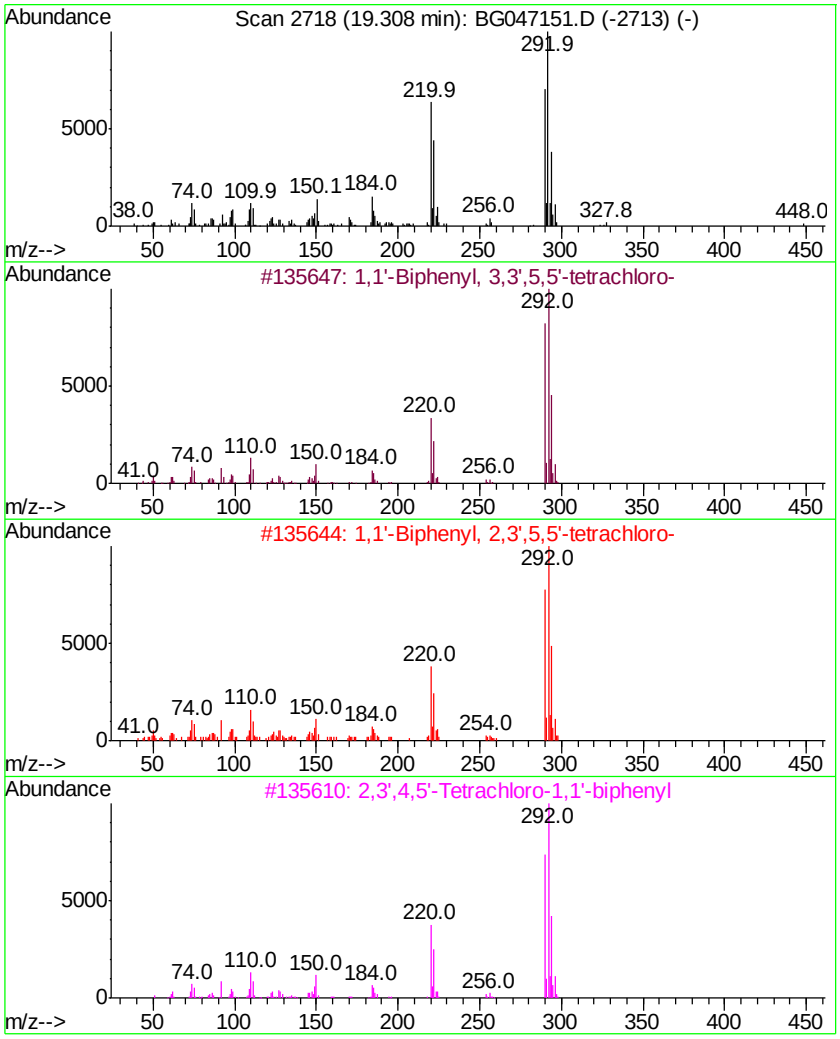
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

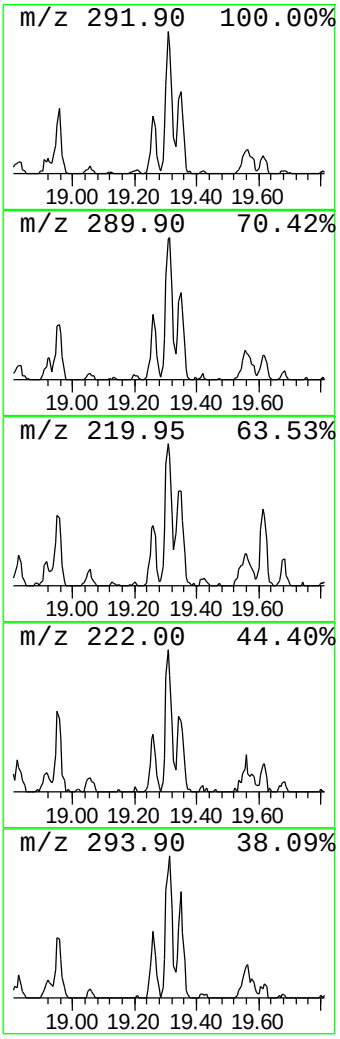
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	4.00 ng/ul	203682	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	98
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	98
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	98
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	98
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	98





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Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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Quant Title : SVOA CALIBRATION

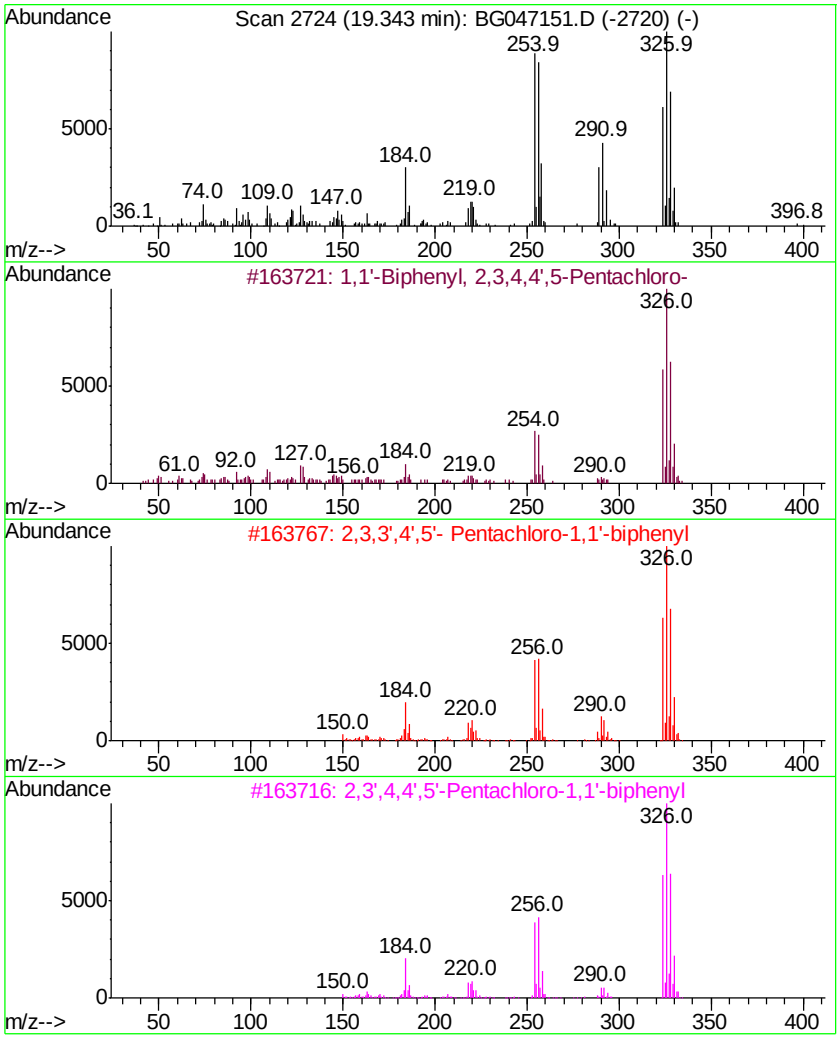
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

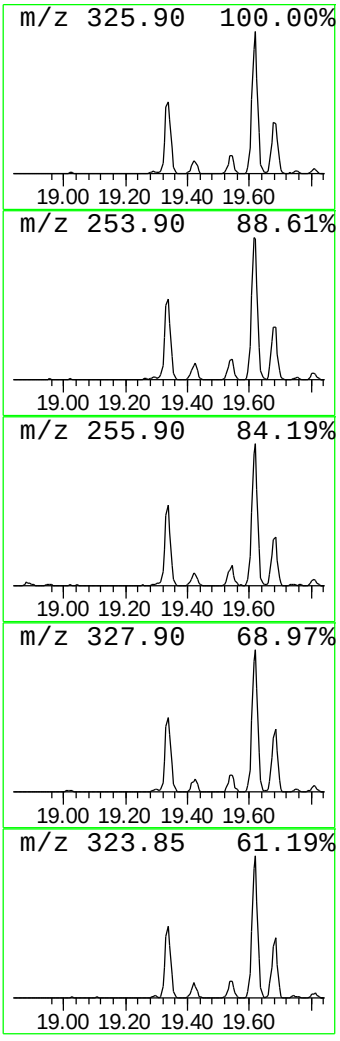
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	10.67 ng/ul	542788	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	98
4	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	98
5	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	98





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Operator : CG/JU
Sample : L4505-02
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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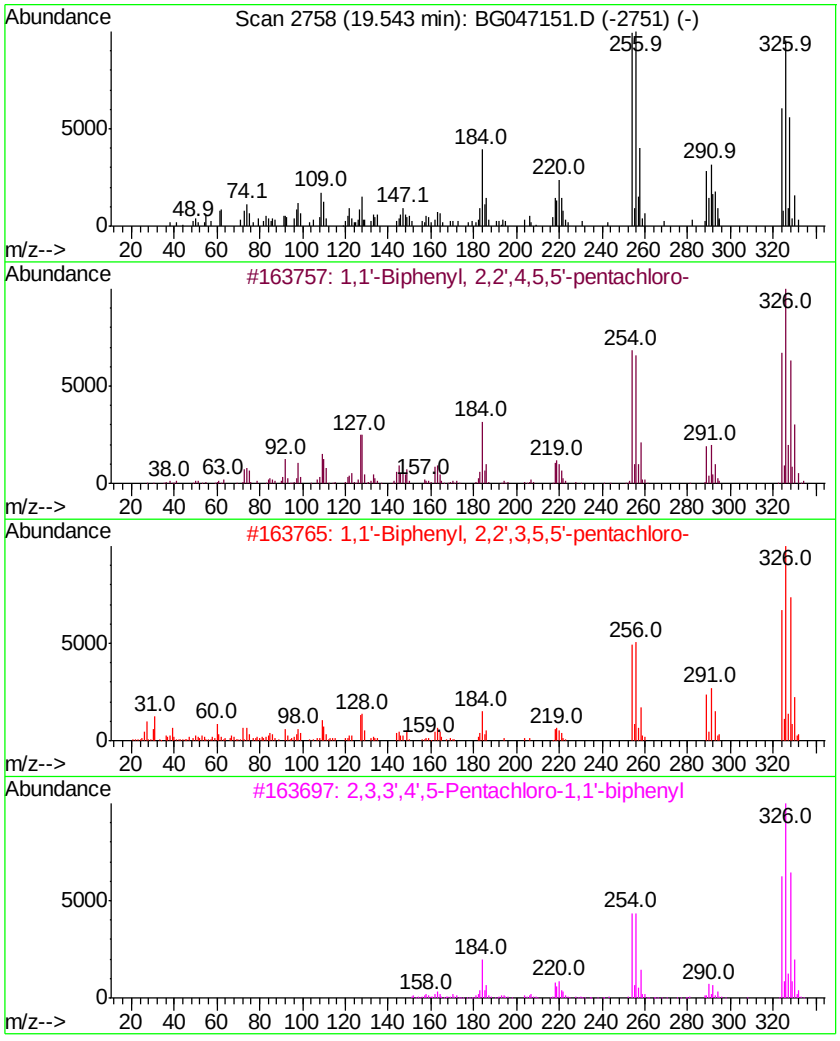
Quant Title : SVOA CALIBRATION

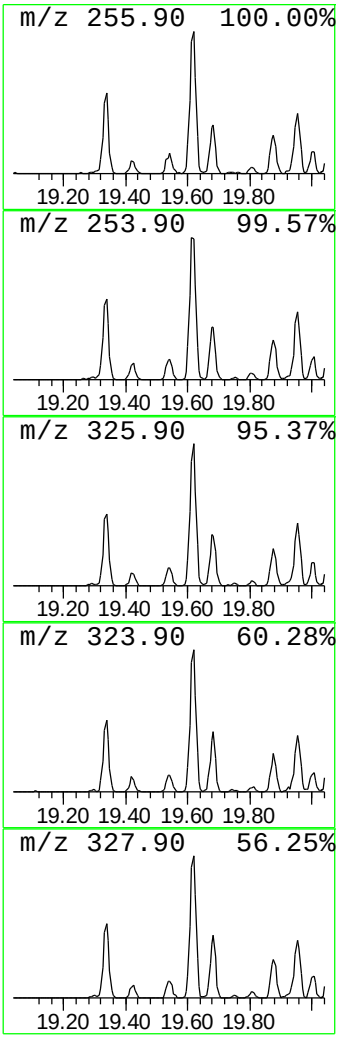
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.46 ng/ul	176054	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
3	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	95
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	94
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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

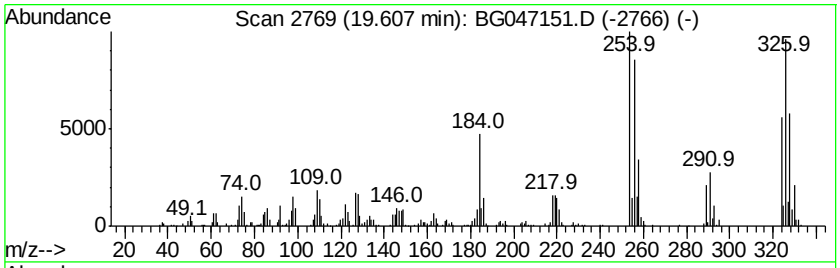
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

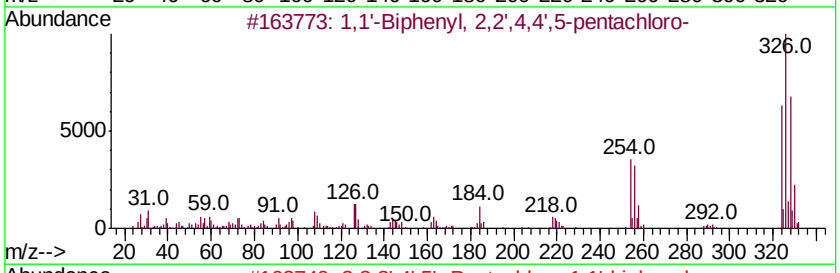
****

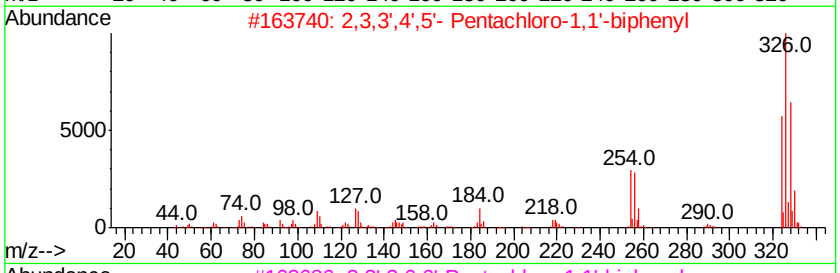
Peak Number 9 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 3

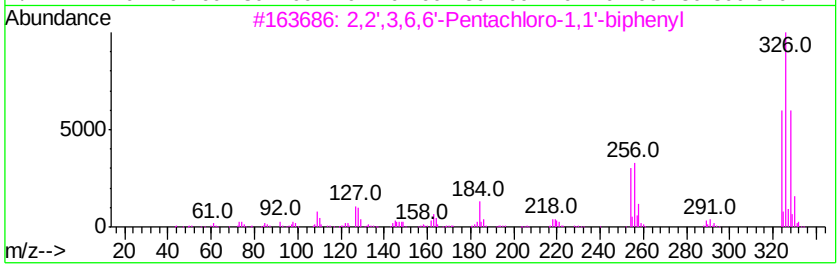
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	13.59 ng/ul	824415	Chrysene-d12	21.70

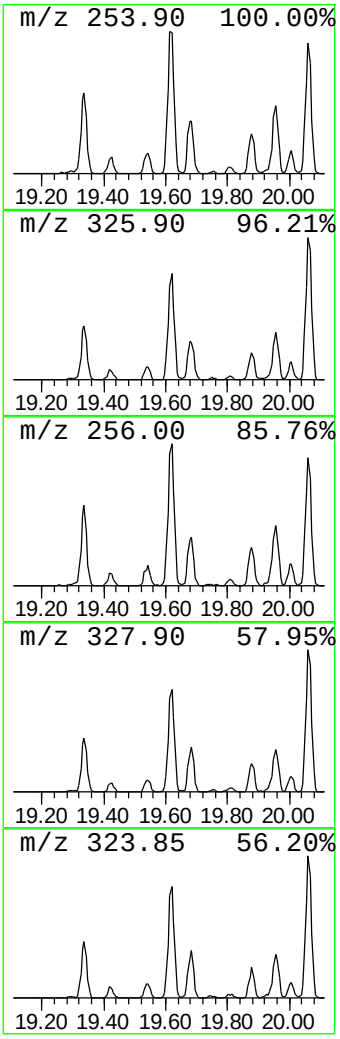
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	98











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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

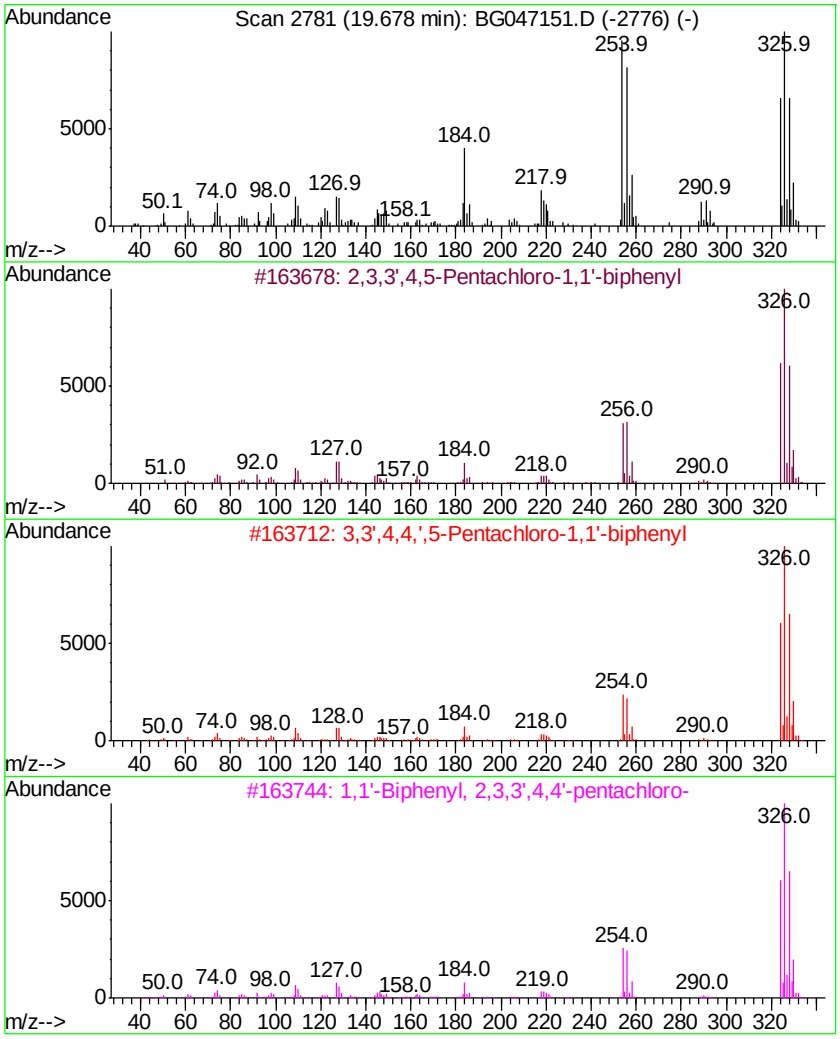
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

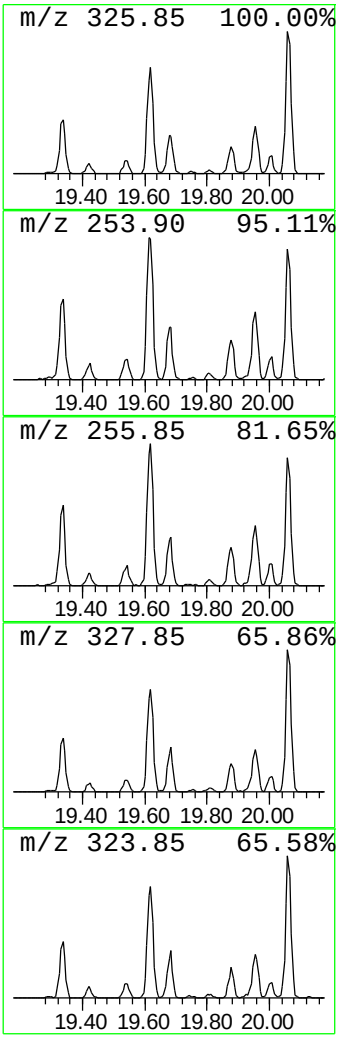
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	4.66 ng/ul	282578	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98
2	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
4	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	97
5	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	97





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Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

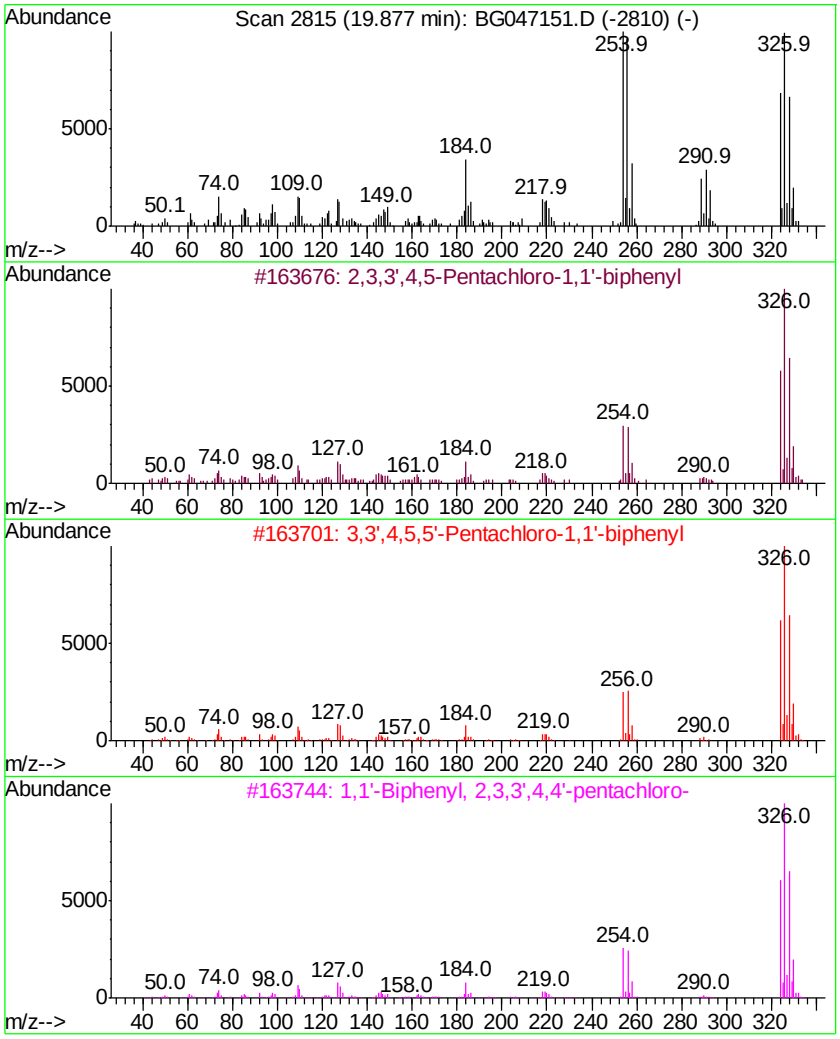
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

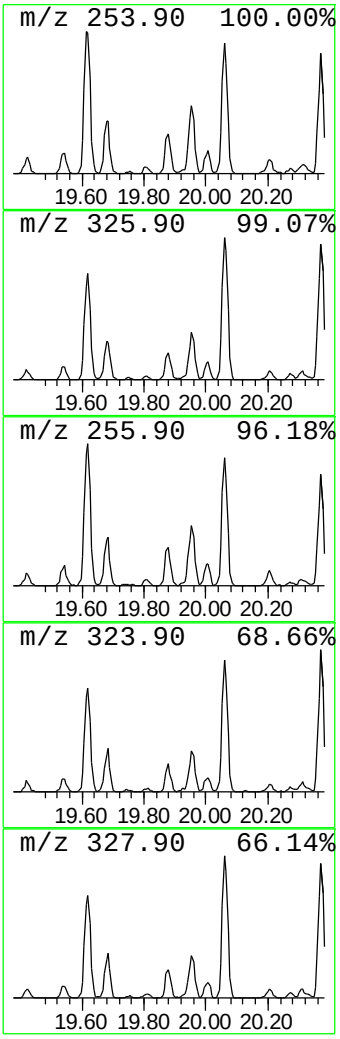
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 3,3',4,5,5'-Pentachloro-1,1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	3.70 ng/ul	224322	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99





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Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

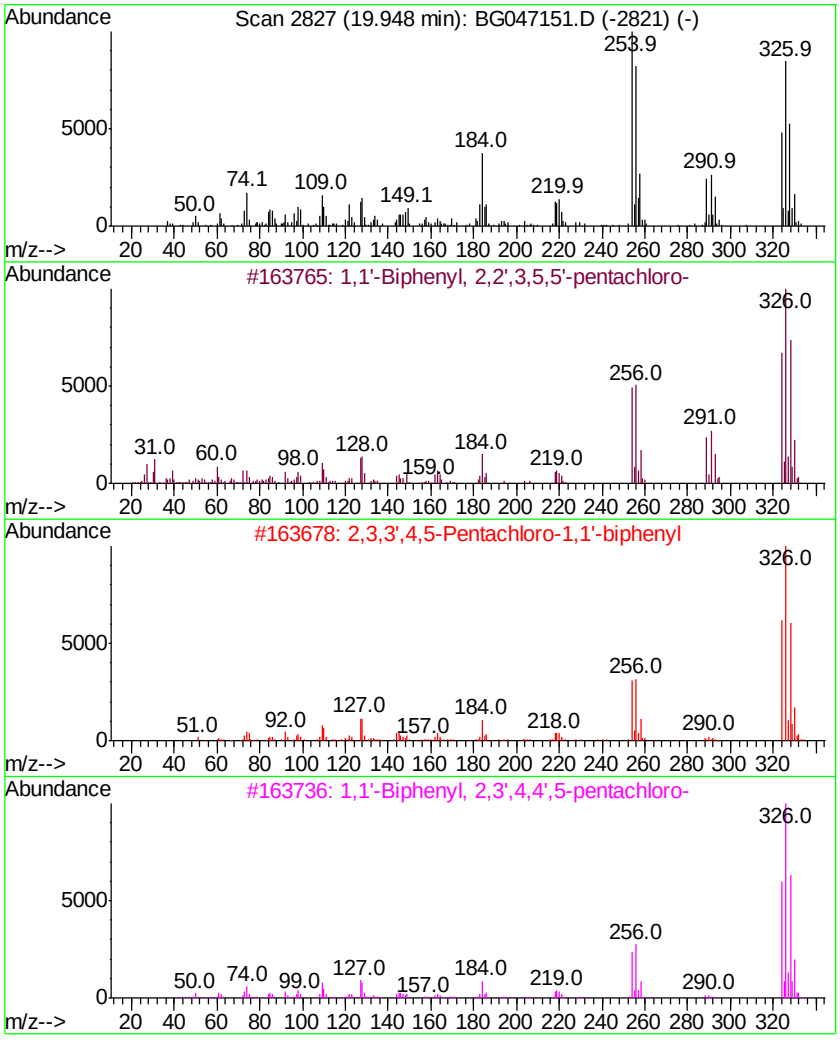
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

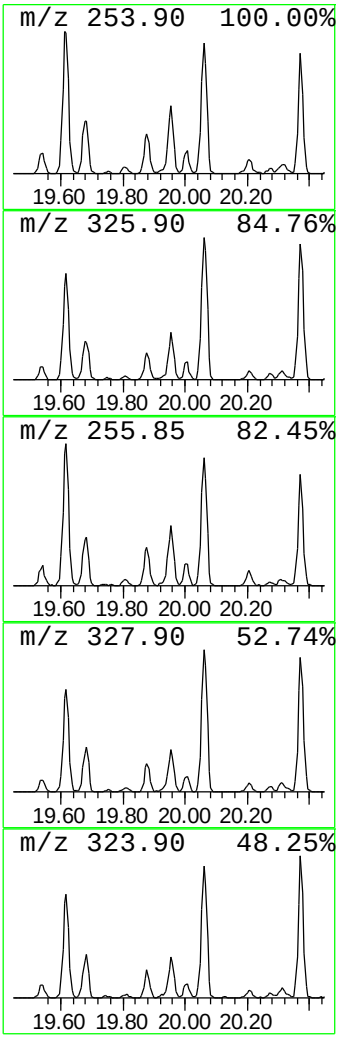
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	6.18 ng/ul	375077	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

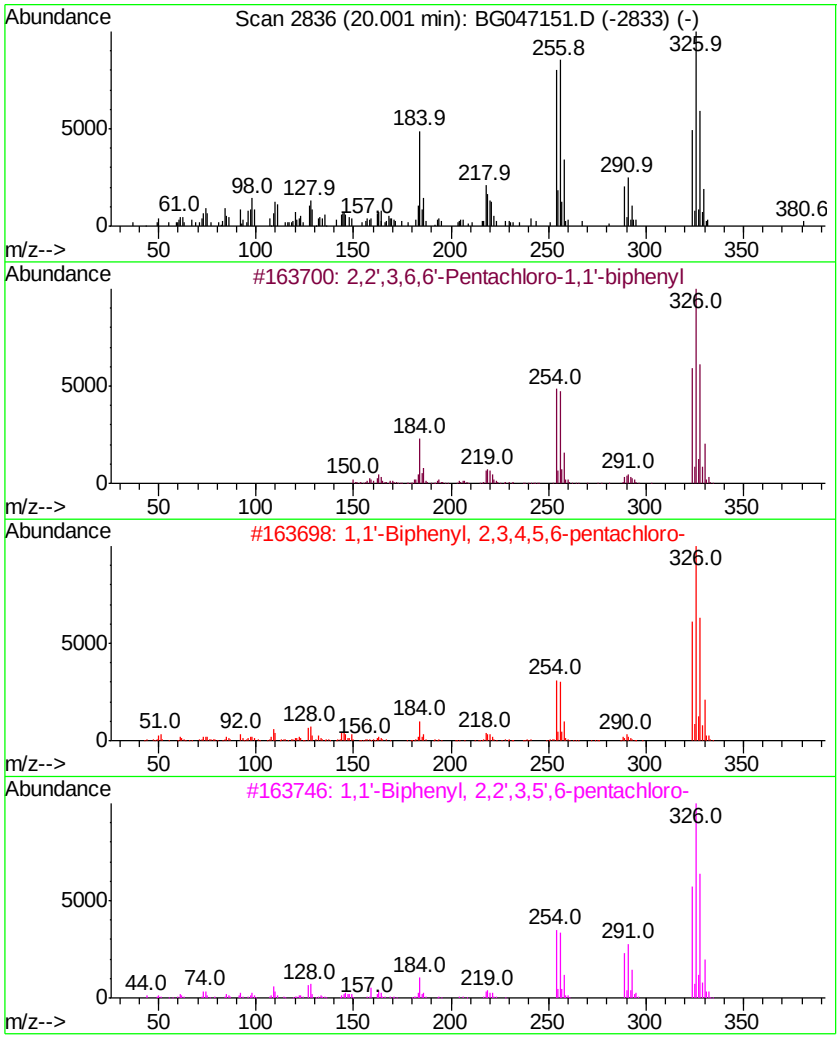
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

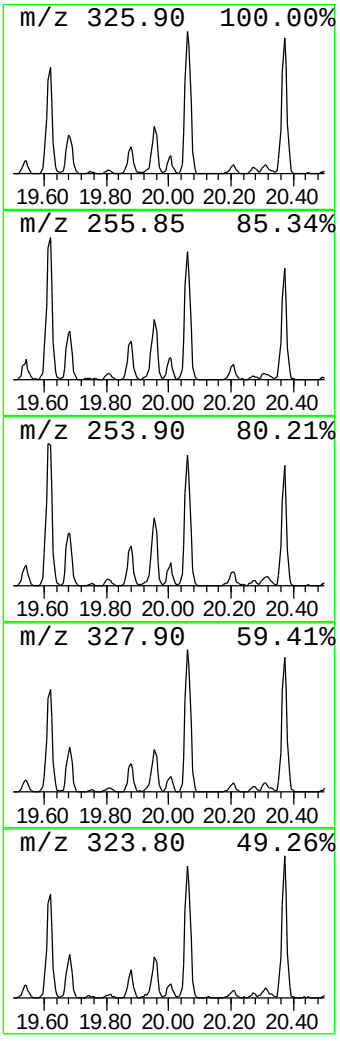
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.05 ng/ul	124294	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	99
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	97
4	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96





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Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

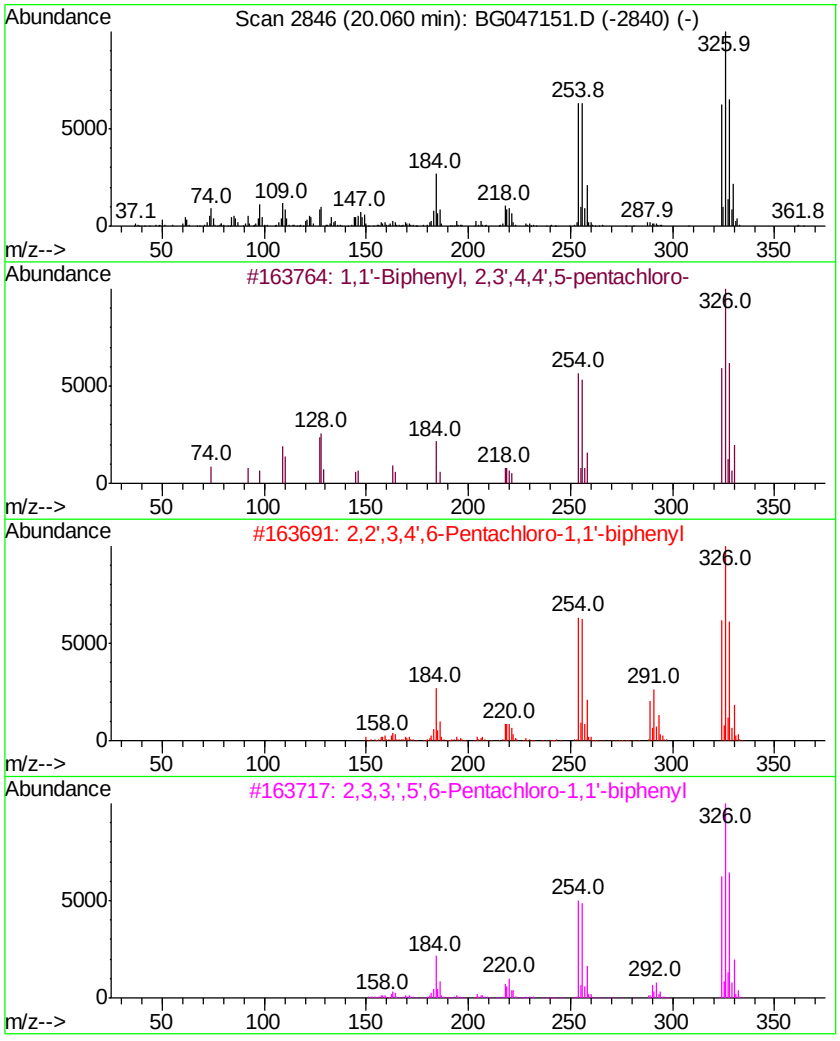
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

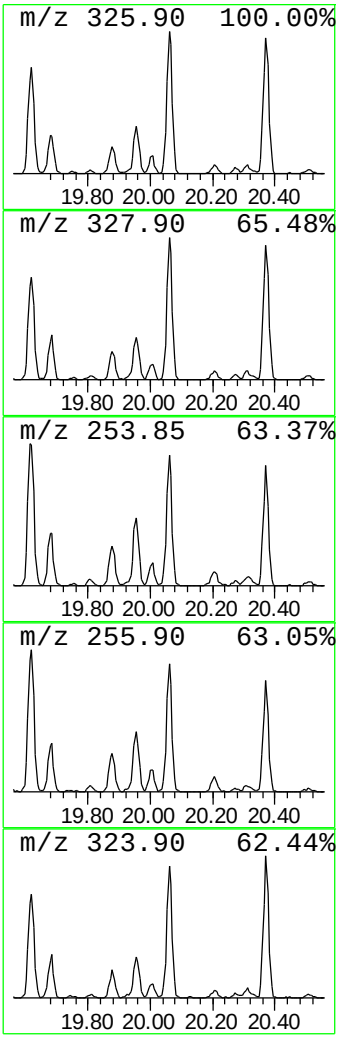
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	13.69 ng/ul	830032	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	96
2	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96
3	2,3,3,',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	96
4	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96
5	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	96





Library Search Compound Report

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Data File : BG047151.D
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Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

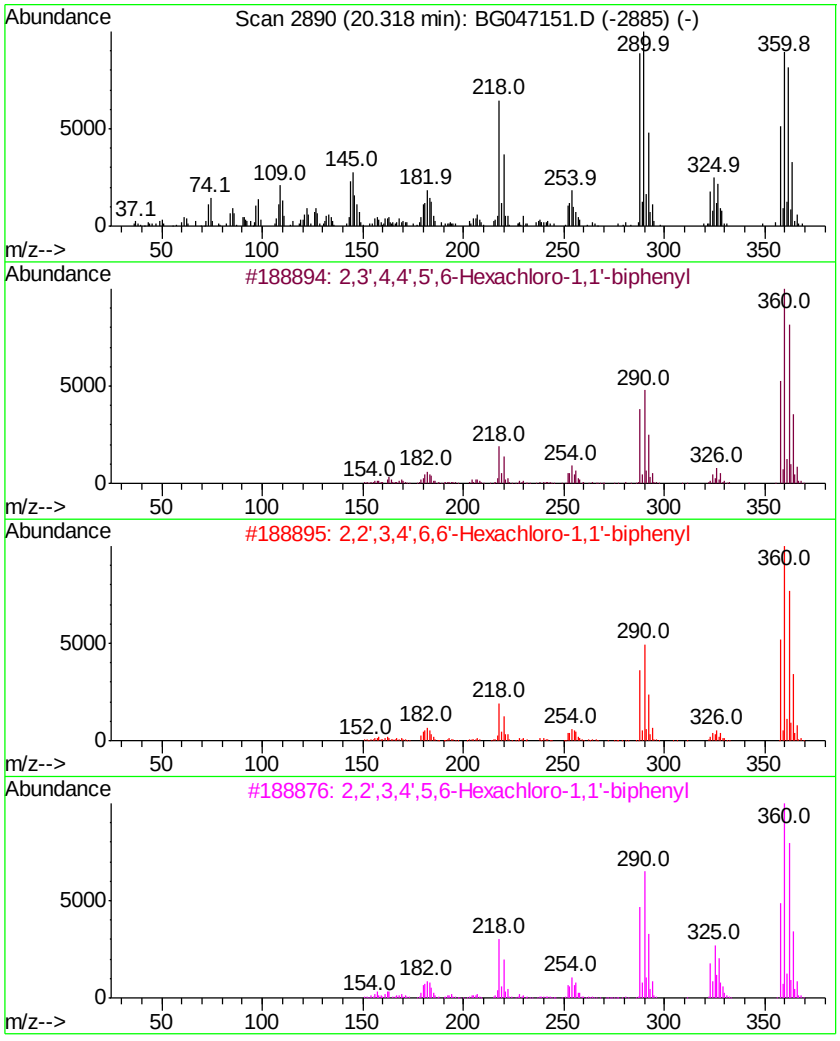
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

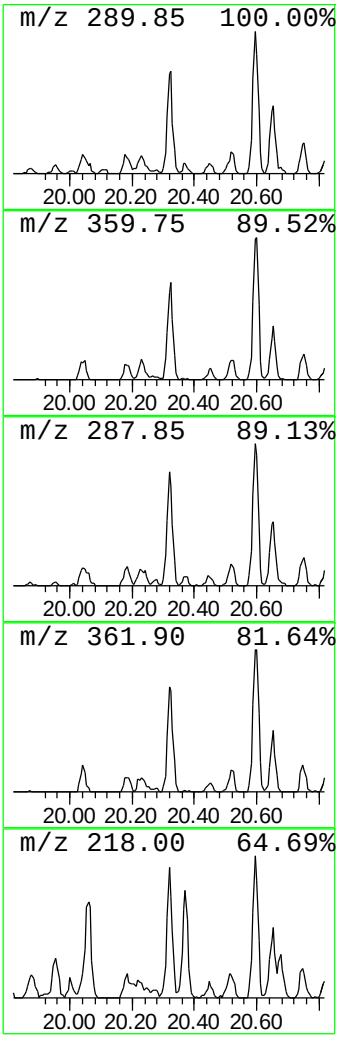
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	5.92 ng/ul	359000	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
4	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99





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Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

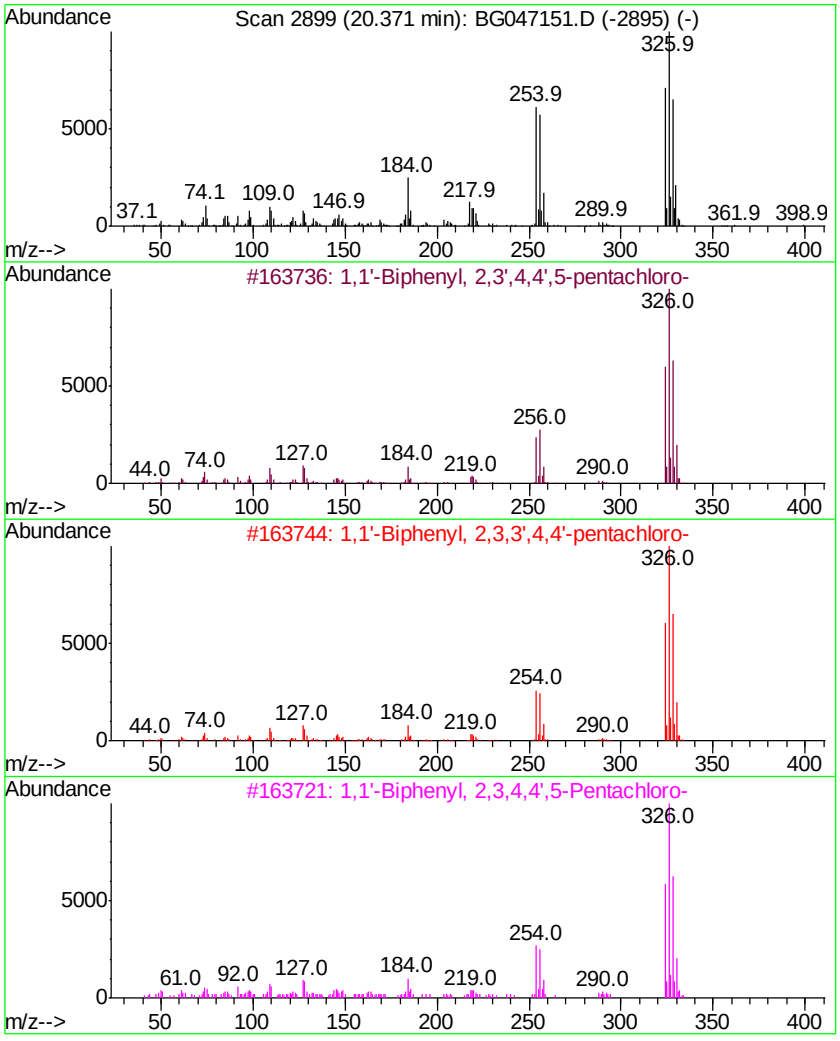
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

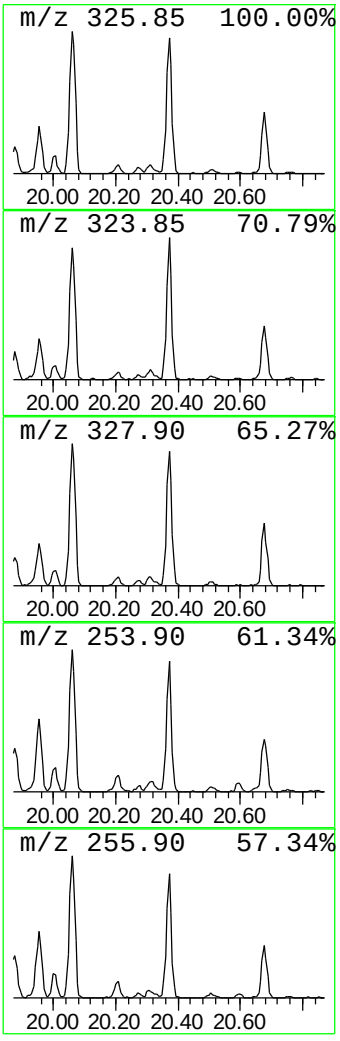
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	11.56 ng/ul	700973	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	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98
3	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	98
4	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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

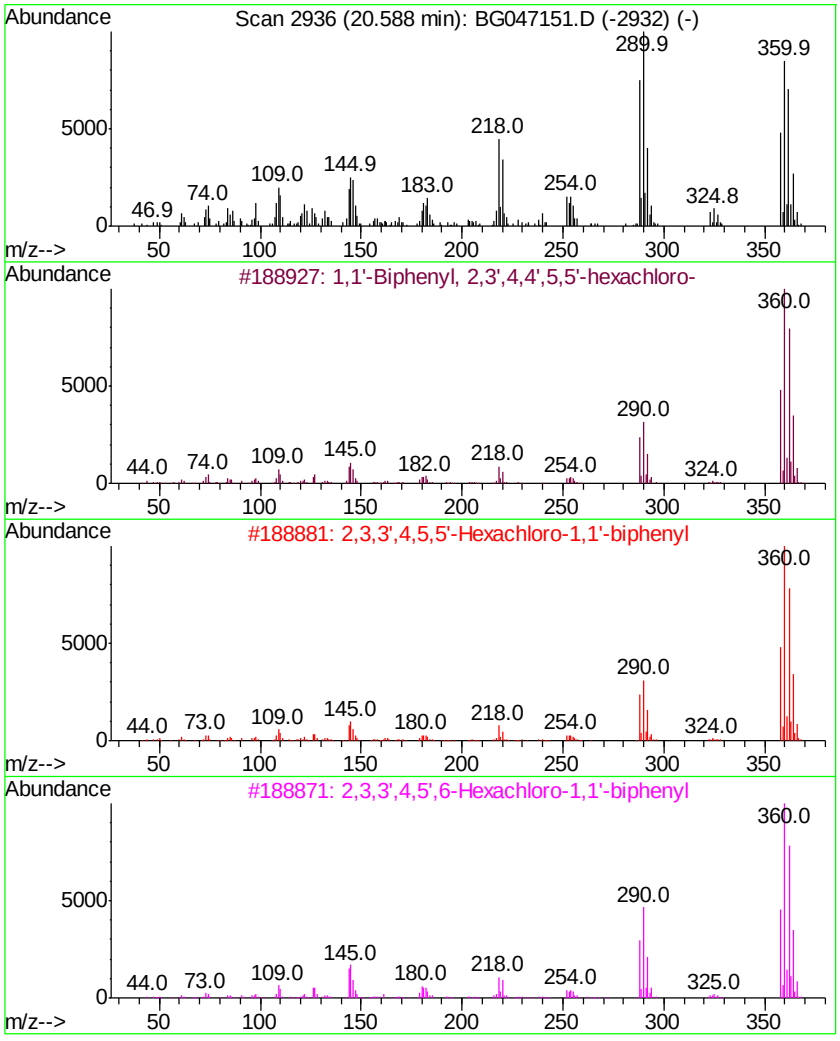
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

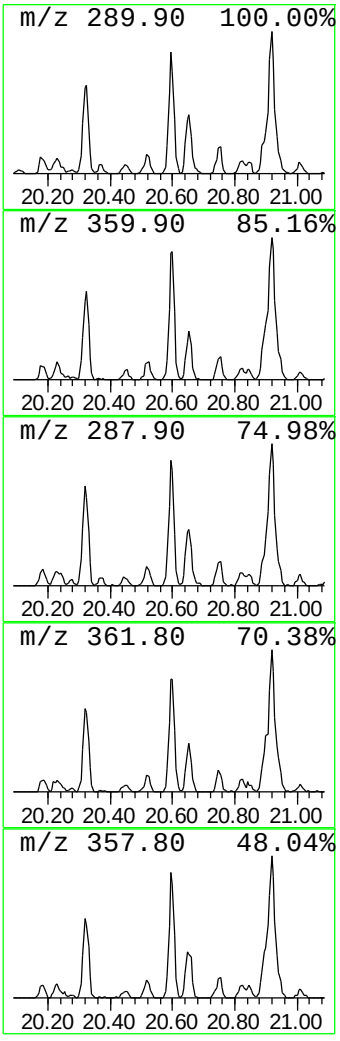
****

Peak Number 17 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	6.37 ng/ul	386244	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	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	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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

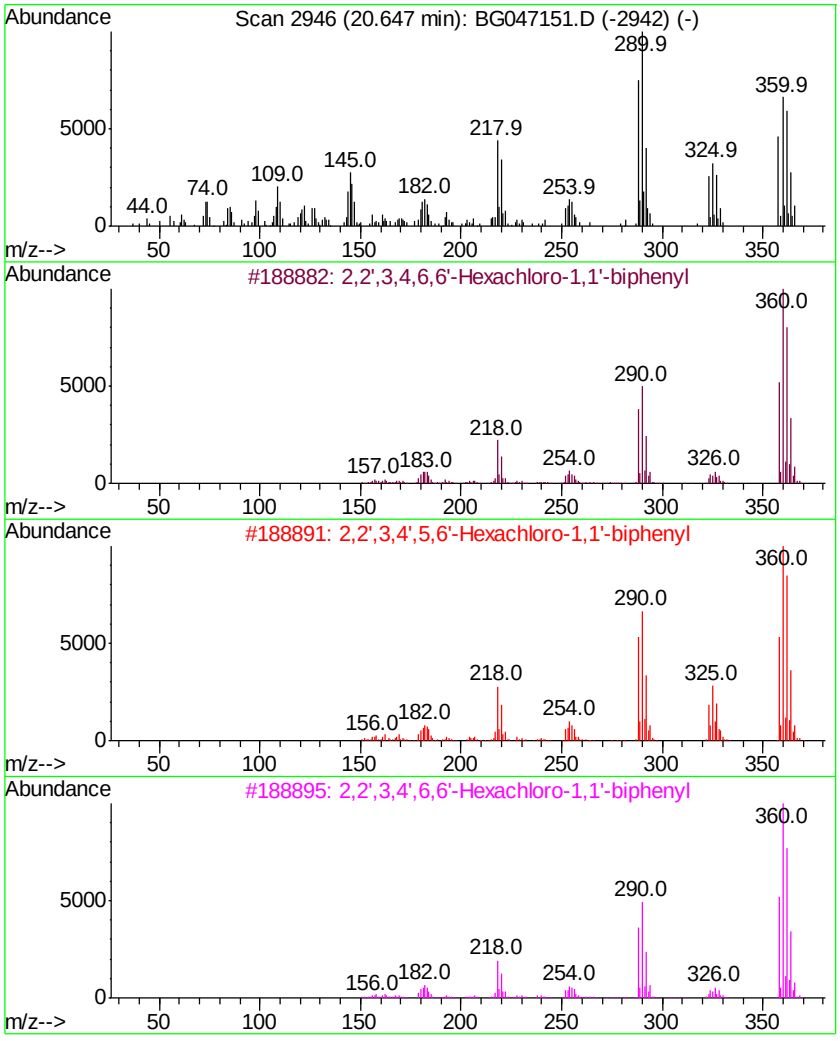
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

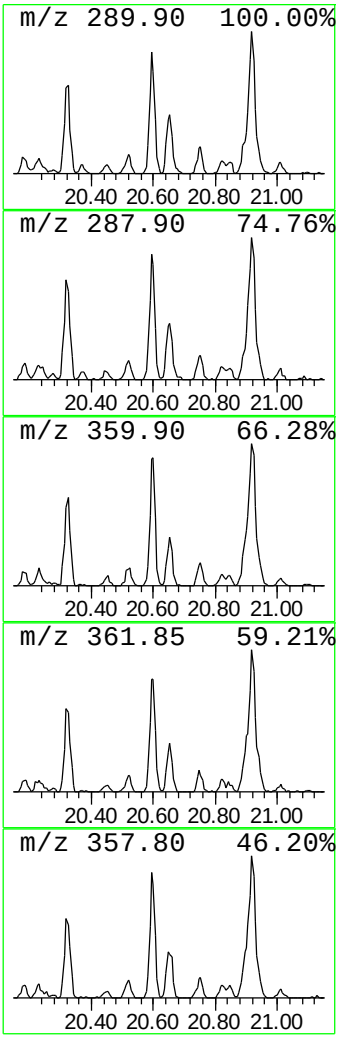
****

Peak Number 18 2,2',3,4,6,6'-Hexachloro-1,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	3.80 ng/ul	230674	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
2	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
3	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
4	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	98
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

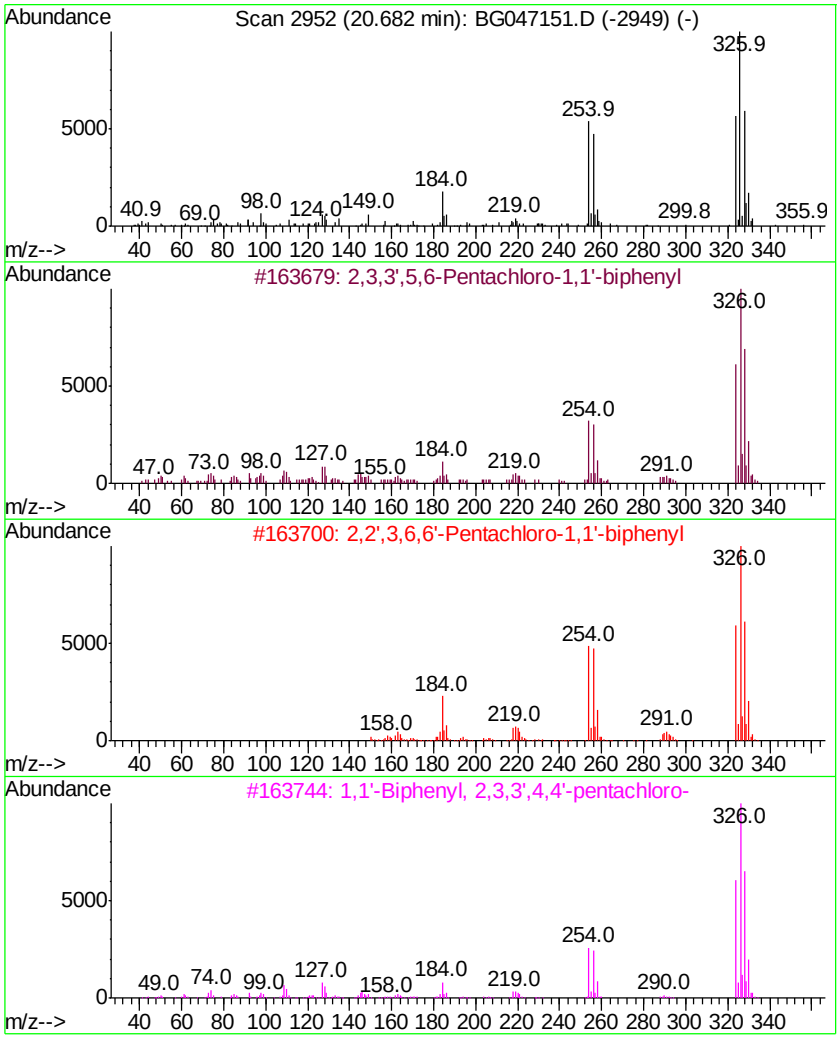
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

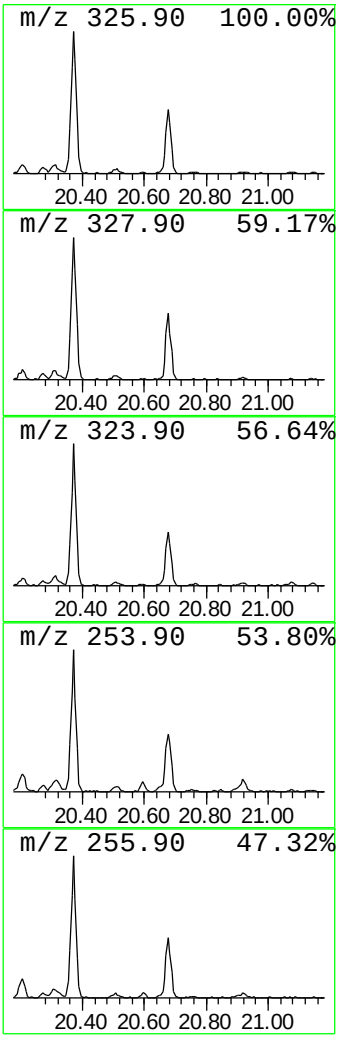
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	4.50 ng/ul	273178	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	96
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	95
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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

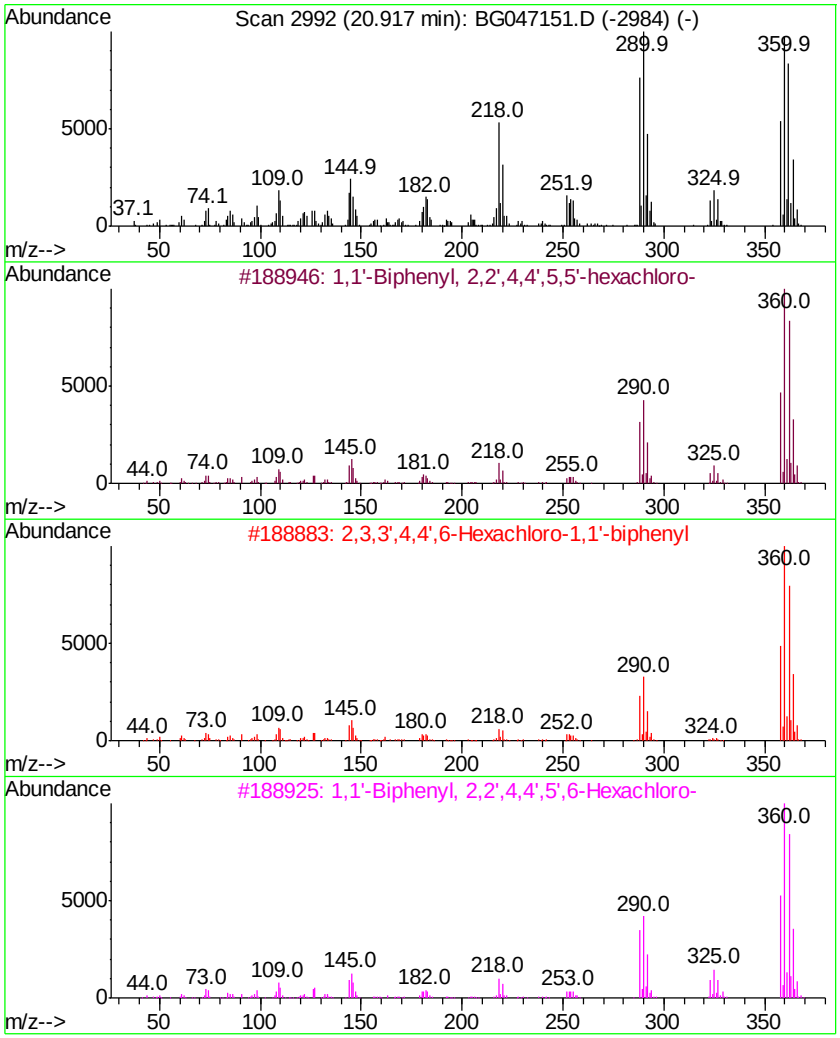
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

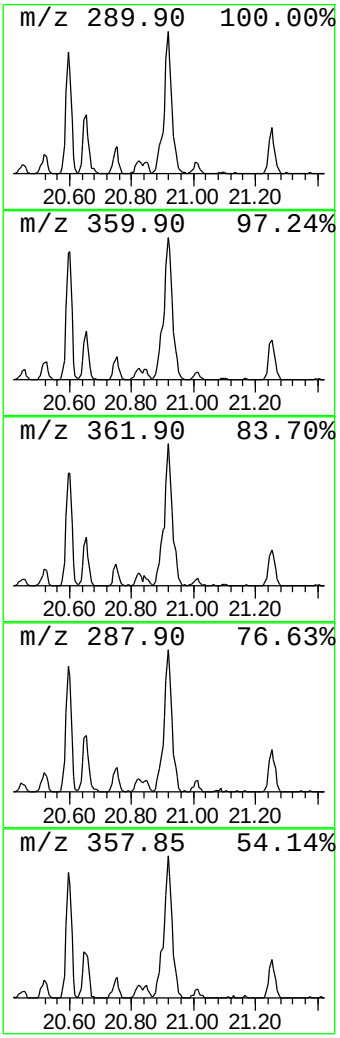
****

Peak Number 20 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	11.18 ng/ul	678117	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
2	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

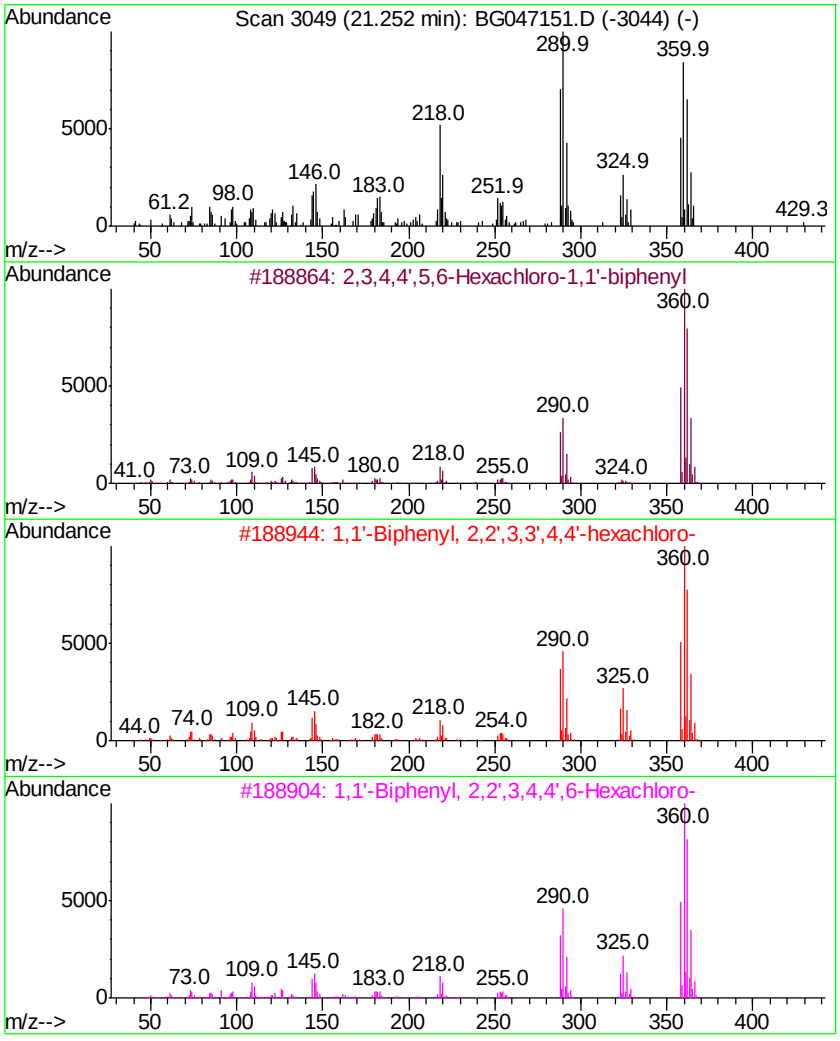
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

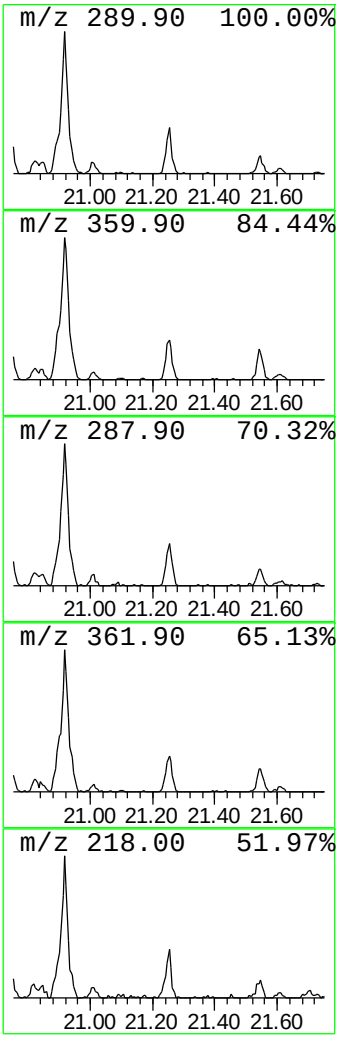
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	2.71 ng/ul	164060	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',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047151.D
Acq On : 30 Oct 2020 12:51
Operator : CG/JU
Sample : L4505-02
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF2

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	27.4	ng/ul	563173	1	8.05	410579	20.0
1,1'-Biphenyl, 2,...	18.03	2.2	ng/ul	111140	4	17.43	1017140	20.0
1,1'-Biphenyl, 2,...	18.50	7.1	ng/ul	360310	4	17.43	1017140	20.0
1,1'-Biphenyl, 2,...	18.56	2.1	ng/ul	109531	4	17.43	1017140	20.0
2,2',3,6-Tetrachl...	18.78	3.7	ng/ul	189293	4	17.43	1017140	20.0
1,1'-Biphenyl, 3,...	19.31	4.0	ng/ul	203682	4	17.43	1017140	20.0
1,1'-Biphenyl, 2,...	19.34	10.7	ng/ul	542788	4	17.43	1017140	20.0
1,1'-Biphenyl, 2,...	19.54	3.5	ng/ul	176054	4	17.43	1017140	20.0
1,1'-Biphenyl, 2,...	19.61	13.6	ng/ul	824415	5	21.70	1212890	20.0
2,3,3',4,5-Pentac...	19.68	4.7	ng/ul	282578	5	21.70	1212890	20.0
3,3',4,5,5'-Penta...	19.88	3.7	ng/ul	224322	5	21.70	1212890	20.0
1,1'-Biphenyl, 2,...	19.95	6.2	ng/ul	375077	5	21.70	1212890	20.0
2,2',3,6,6'-Penta...	20.00	2.0	ng/ul	124294	5	21.70	1212890	20.0
1,1'-Biphenyl, 2,...	20.06	13.7	ng/ul	830032	5	21.70	1212890	20.0
2,3',4,4',5',6-He...	20.32	5.9	ng/ul	359000	5	21.70	1212890	20.0
1,1'-Biphenyl, 2,...	20.37	11.6	ng/ul	700973	5	21.70	1212890	20.0
1,1'-Biphenyl, 2,...	20.59	6.4	ng/ul	386244	5	21.70	1212890	20.0
2,2',3,4,6,6'-Hex...	20.65	3.8	ng/ul	230674	5	21.70	1212890	20.0
2,3,3',5,6-Pentac...	20.68	4.5	ng/ul	273178	5	21.70	1212890	20.0
1,1'-Biphenyl, 2,...	20.92	11.2	ng/ul	678117	5	21.70	1212890	20.0
2,3,4,4',5,6-Hexa...	21.25	2.7	ng/ul	164060	5	21.70	1212890	20.0