LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047164.D
Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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	3.385	4	8	20	rVB	441268	529799	47.61%	4.448%
2	3.491	22	26	29	rVB	1631	2519	0.23%	0.021%
3	3.544	33	35	39	rVB2	1386	1652	0.15%	0.014%
4	3.696	60	61	63	rBV2	2107	1559	0.14%	0.013%
5	3.738	65	68	74	rVB3	13119	17746	1.59%	0.149%
6	3.790	74	77	79	rBV	1649	1668	0.15%	0.014%
7	3.949	101	104	106	rBV	1743	1443	0.13%	0.012%
8	3.973	106	108	112	rVB	1669	1493	0.13%	0.013%
9	4.061	121	123	125	rBV2	1576	1636	0.15%	0.014%
10	4.213	145	149	152	rBV	3632	4338	0.39%	0.036%
11	4.313	165	166	171	rBV	1491	2134	0.19%	0.018%
12	4.625	216	219	221	rBV	1241	1458	0.13%	0.012%
13	4.654	221	224	228	rVB3	3158	4525	0.41%	0.038%
14	5.054	288	292	293	rBV2	1457	1778	0.16%	0.015%
15	5.289	325	332	333	rBV	1160	1561	0.14%	0.013%
16	5.418	352	354	357	rBV2	1218	1505	0.14%	0.013%
17	6.246	492	495	498	rBV	1223	1516	0.14%	0.013%
18	7.286	668	672	675	rVB	1503	1501	0.13%	0.013%
19	8.050	793	802	815	rBV	193963	336580	30.25%	2.826%
20	8.144	817	818	823	rVB2	1136	1627	0.15%	0.014%
21	8.649	902	904	909	rBV2	1504	1669	0.15%	0.014%
22	8.726	915	917	921	rVB	1587	1719	0.15%	0.014%
23	10.195	1166	1167	1173	rVB	1166	1490	0.13%	0.013%
24	10.295	1181	1184	1188	rVB	1214	1502	0.13%	0.013%
25	10.741	1257	1260	1263	rVB2	1100	1347	0.12%	0.011%
26	10.865	1273	1281	1291	rBV	236170	442331	39.75%	3.714%
27	10.959	1295	1297	1299	rVB2	1569	1355	0.12%	0.011%
28	11.734	1425	1429	1431	rBV	1260	1586	0.14%	0.013%
29	12.322	1526	1529	1532	rVB2	1482	1624	0.15%	0.014%
30	12.933	1631	1633	1637	rBV2	1340	1952	0.18%	0.016%
31	13.538	1735	1736	1740	rBV	1355	1337	0.12%	0.011%
32	13.655	1755	1756	1759	rBV	1448	1348	0.12%	0.011%
33	14.372	1873	1878	1880	rBV2	1348	1525	0.14%	0.013%
34	14.478	1891	1896	1897	rBV	1153	1377	0.12%	0.012%

LSC Area Percent Report

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Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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	14.625	1919	1921	1924	rVB	1376	1329	0.12%	0.011%
36	14.684	1924	1931	1944	rBV	460527	699324	62.85%	5.872%
37	14.919	1968	1971	1973	rBV2	1270	1510	0.14%	0.013%
38	15.130	2004	2007	2011	rBV2	1002	1387	0.12%	0.012%
39	16.399	2220	2223	2225	rBV3	1376	1719	0.15%	0.014%
40	16.446	2228	2231	2234	rVB2	1116	1407	0.13%	0.012%
41	16.998	2322	2325	2329	rBV2	2249	3482	0.31%	0.029%
42	17.069	2333	2337	2340	rBV2	1744	2217	0.20%	0.019%
43	17.345	2382	2384	2387	rBV	1462	1492	0.13%	0.013%
44	17.427	2392	2398	2405	rBV	587522	886394	79.66%	7.443%
45	17.533	2414	2416	2420	rVB3	2741	2476	0.22%	0.021%
46	17.627	2430	2432	2437	rVB3	2345	3169	0.28%	0.027%
47	18.027	2497	2500	2501	rBV3	2701	3082	0.28%	0.026%
48	18.080	2506	2509	2510	rBV2	1890	2068	0.19%	0.017%
49	18.144	2517	2520	2524	rBV4	3283	4494	0.40%	0.038%
50	18.285	2541	2544	2545	rBV2	4105	2847	0.26%	0.024%
51	18.326	2550	2551	2554	rVV	2696	2285	0.21%	0.019%
52	18.491	2574	2579	2586	rBV	200576	283941	25.52%	2.384%
53	18.550	2586	2589	2594	rVV2	45475	60637	5.45%	0.509%
54	18.597	2594	2597	2600	rVB4	9522	10671	0.96%	0.090%
55	18.644	2604	2605	2608	rBV	2263	1912	0.17%	0.016%
56	18.773	2622	2627	2633	rBV	91574	123748	11.12%	1.039%
57	18.826	2633	2636	2640	rVB2	5614	6542	0.59%	0.055%
58	18.914	2648	2651	2653	rBV3	6273	7627	0.69%	0.064%
59	18.949	2653	2657	2665	rVB3	29562	42344	3.81%	0.356%
60	19.020	2665	2669	2670	rBV2	5389	5812	0.52%	0.049%
61	19.055	2674	2675	2679	rVB3	7162	4638	0.42%	0.039%
62	19.125	2686	2687	2690	rVB2	2991	2353	0.21%	0.020%
63	19.155	2690	2692	2693	rBV2	1656	1593	0.14%	0.013%
64	19.190	2697	2698	2701	rVV3	2619	2942	0.26%	0.025%
65	19.255	2705	2709	2713	rVV	37279	51440	4.62%	0.432%
66	19.331	2713	2722	2729	rVV2	334749	608835	54.71%	5.112%
67	19.419	2732	2737	2741	rVB2	50448	66281	5.96%	0.557%
68	19.478	2745	2747	2752	rVB5	4696	5959	0.54%	0.050%
69	19.537	2752	2757	2765	rBV5	79183	134096	12.05%	1.126%
70	19.613	2765	2770	2776	rVV	545614	726676	65.31%	6.102%
71	19.678	2776	2781	2785	rVB	192178	241802	21.73%	2.030%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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	19.807	2799	2803	2807	rBV5	26560	34484	3.10%	0.290%
73	19.872	2810	2814	2820	rVV3	147572	193860	17.42%	1.628%
74	19.954	2820	2828	2832	rVV	248028	328629	29.53%	2.759%
75	20.001	2832	2836	2840	rVV2	84427	110135	9.90%	0.925%
76	20.060	2840	2846	2851	rVB	545980	722587	64.94%	6.067%
77	20.183	2862	2867	2868	rBV4	41902	54766	4.92%	0.460%
78	20.201	2868	2870	2872	rVV2	25334	29131	2.62%	0.245%
79	20.271	2879	2882	2885	rBV3	21917	21421	1.93%	0.180%
80	20.318	2885	2890	2894	rBV3	218162	294227	26.44%	2.470%
81	20.365	2894	2898	2904	rVB	474736	592157	53.22%	4.972%
82	20.442	2908	2911	2917	rVB7	21876	30025	2.70%	0.252%
83	20.518	2918	2924	2930	rVB7	50280	86050	7.73%	0.723%
84	20.594	2932	2937	2942	rBV	273516	329991	29.66%	2.771%
85	20.647	2942	2946	2948	rBV	142856	177650	15.97%	1.492%
86	20.677	2948	2951	2955	rVB	210469	255412	22.95%	2.145%
87	20.747	2959	2963	2969	rBV3	60056	79771	7.17%	0.670%
88	20.818	2971	2975	2977	rBV4	27281	37811	3.40%	0.317%
89	20.917	2983	2992	2999	rVB	318264	580081	52.13%	4.871%
90	21.006	3004	3007	3010	rBV4	24662	29822	2.68%	0.250%
91	21.076	3015	3019	3022	rBV5	16244	23942	2.15%	0.201%
92	21.246	3044	3048	3053	rVB3	100756	142346	12.79%	1.195%
93	21.370	3067	3069	3075	rVB6	17233	24367	2.19%	0.205%
94	21.434	3078	3080	3084	rBV5	13514	17644	1.59%	0.148%
95	21.540	3094	3098	3105	rVB3	46220	69405	6.24%	0.583%
96	21.611	3106	3110	3117	rVB10	13826	24874	2.24%	0.209%
97	21.699	3118	3125	3134	rBV	625453	1112739	100.00%	9.343%
98	22.140	3196	3200	3206	rVB7	26786	41649	3.74%	0.350%
99	23.996	3511	3516	3523	rVB4	29808	65009	5.84%	0.546%
100	24.930	3665	3675	3687	rVB3	365809	1009055	90.68%	8.472%

Sum of corrected areas: 11909771

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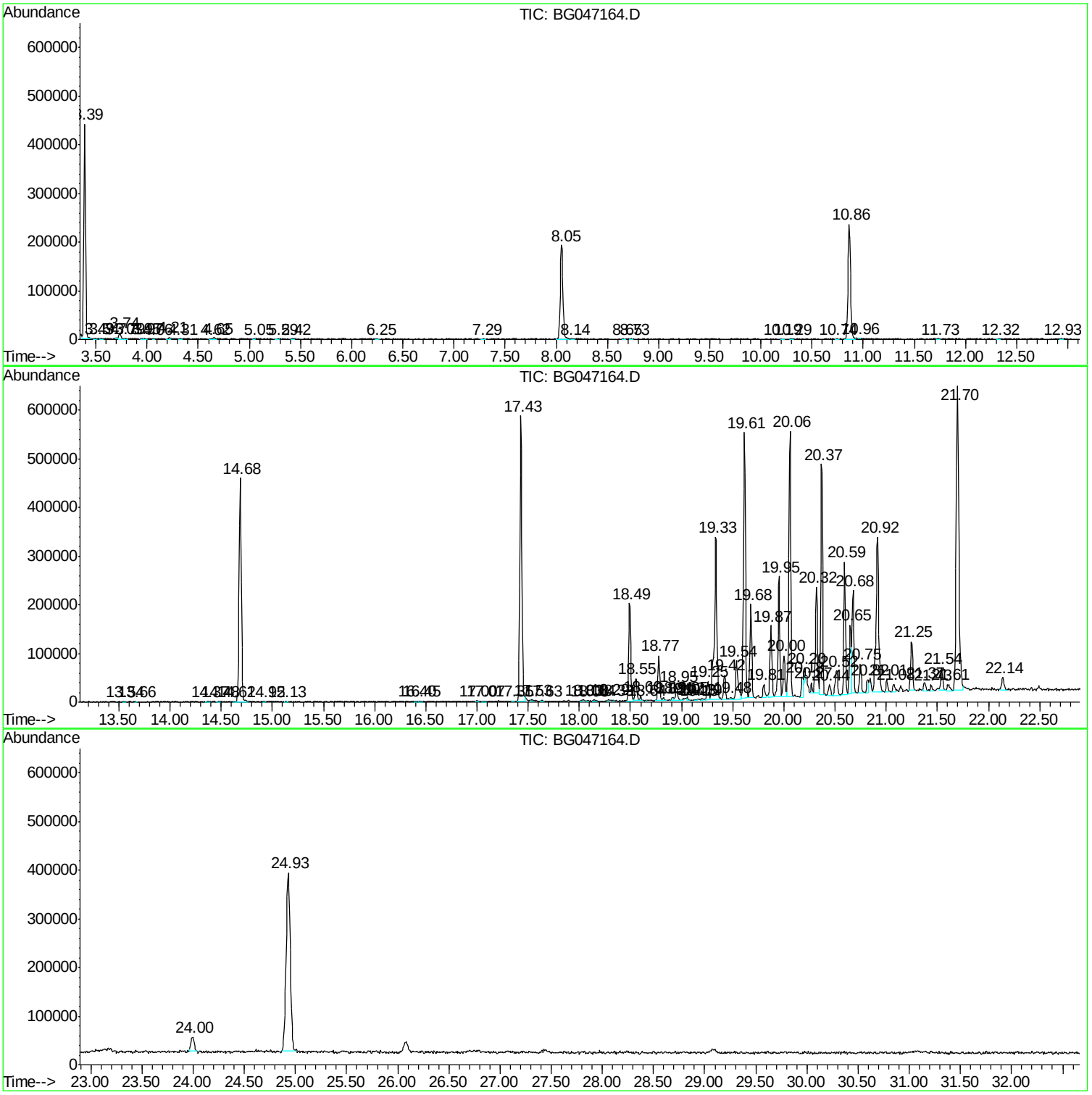
Data File : BG047164.D
Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BG8

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\
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Acq On : 30 Oct 2020 21:36
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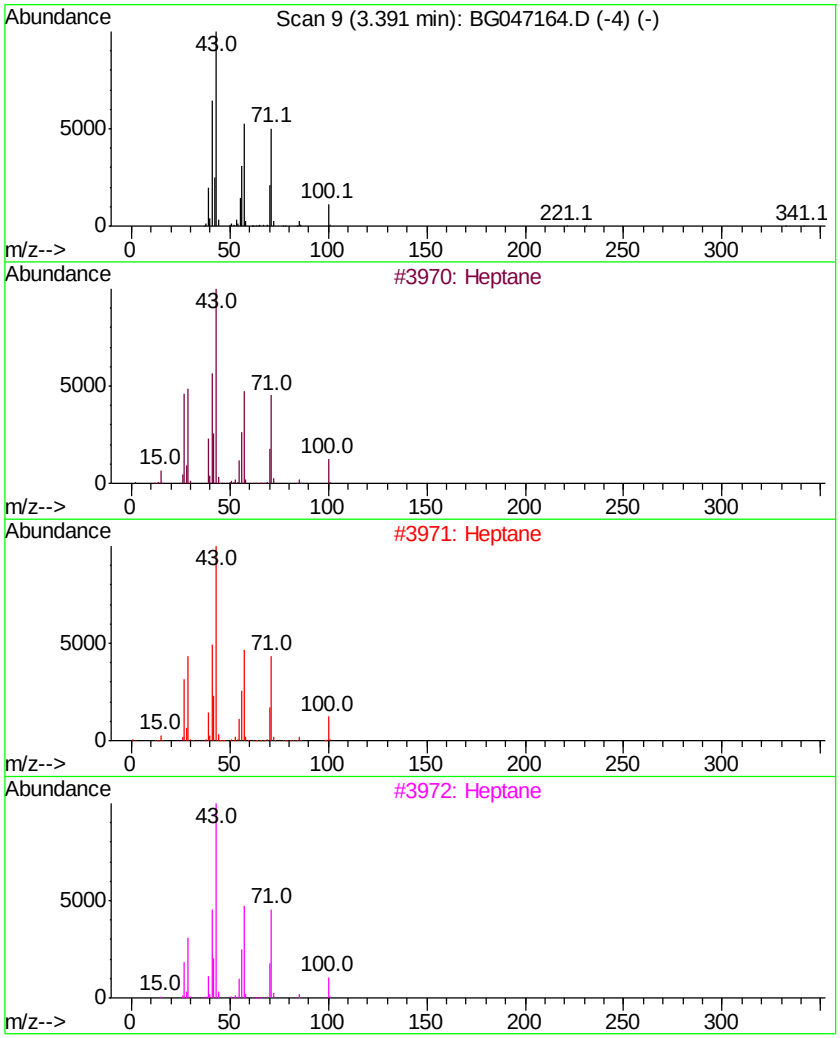
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

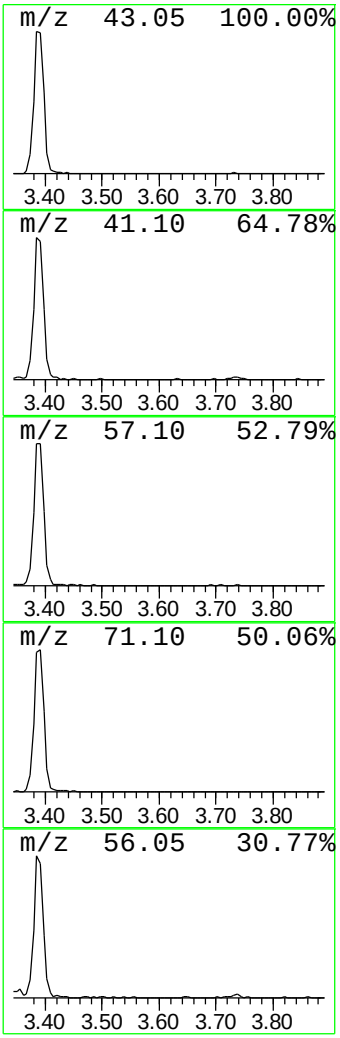
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	31.48 ng/ul	529799	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	86
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047164.D
Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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

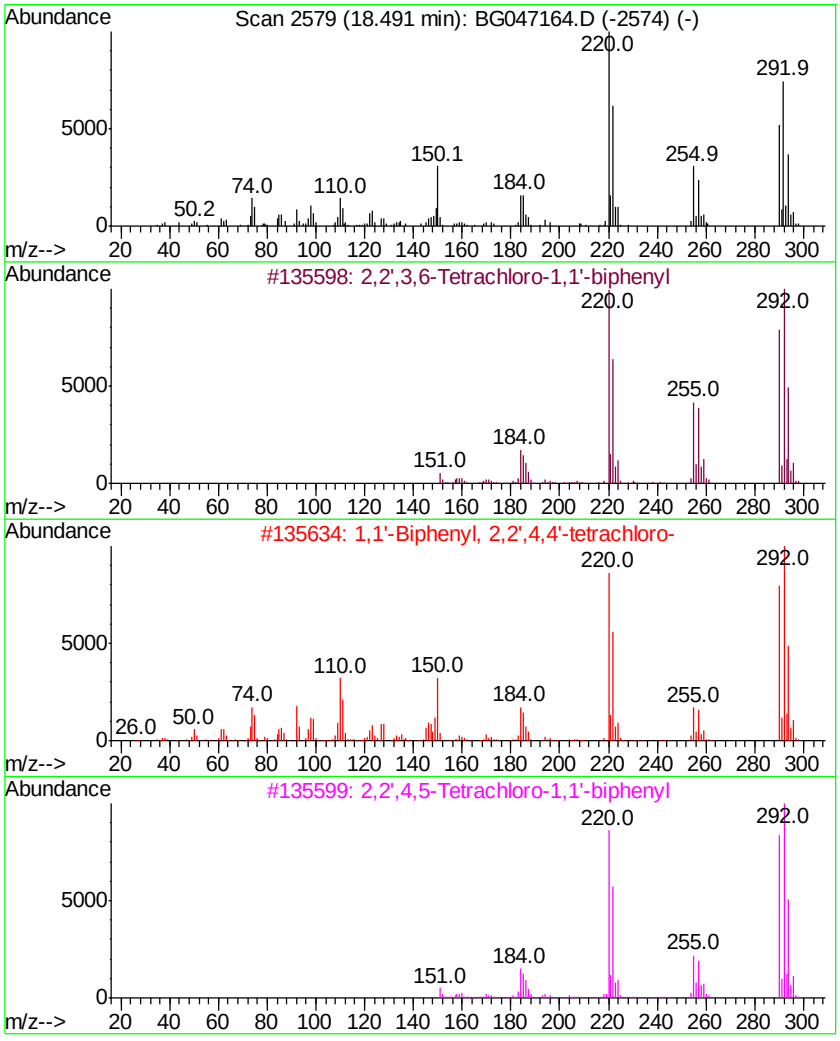
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

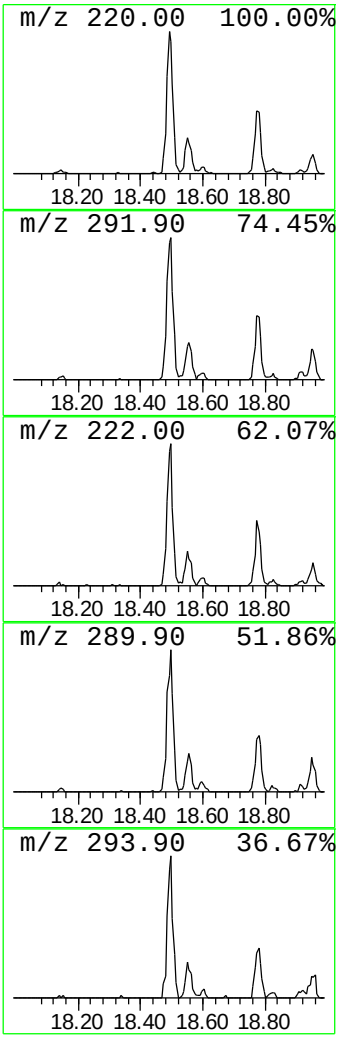
****

Peak Number 2 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	6.41 ng/ul	283941	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	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Library Search Compound Report

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Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

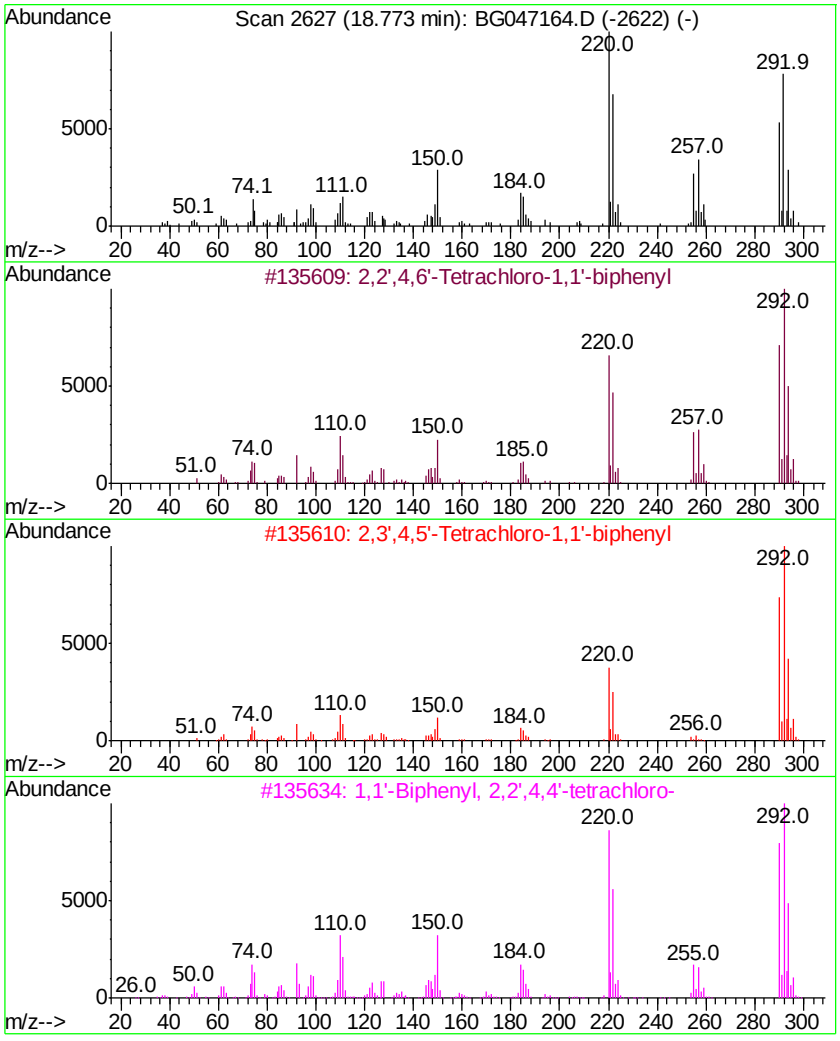
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

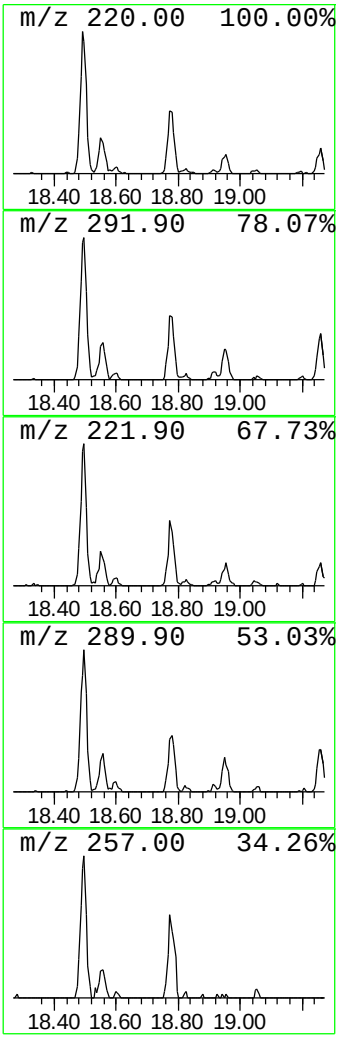
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.79 ng/ul	123748	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98





Library Search Compound Report

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ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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Quant Title : SVOA CALIBRATION

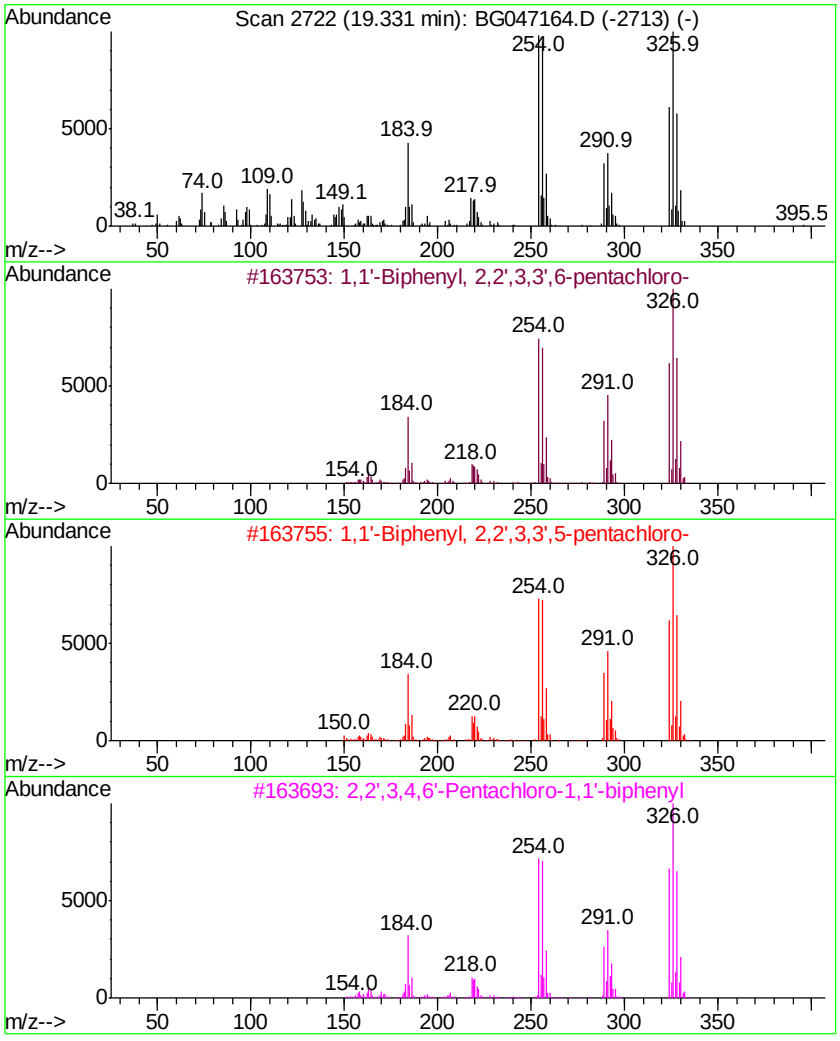
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

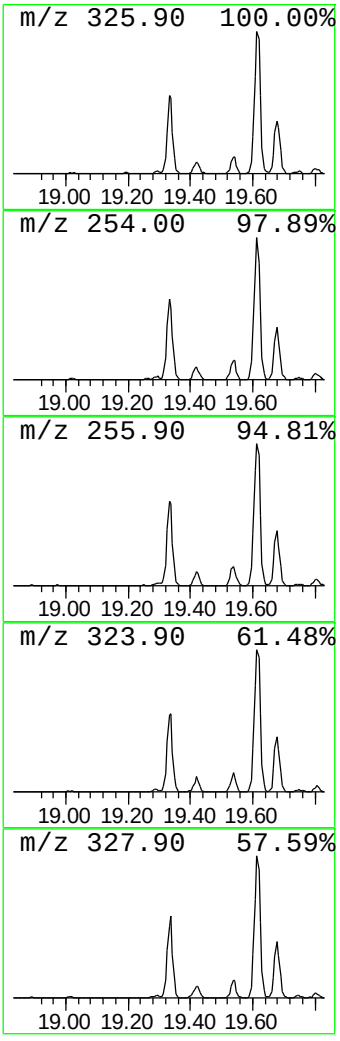
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	13.74 ng/ul	608835	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	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 : BG047164.D
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Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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

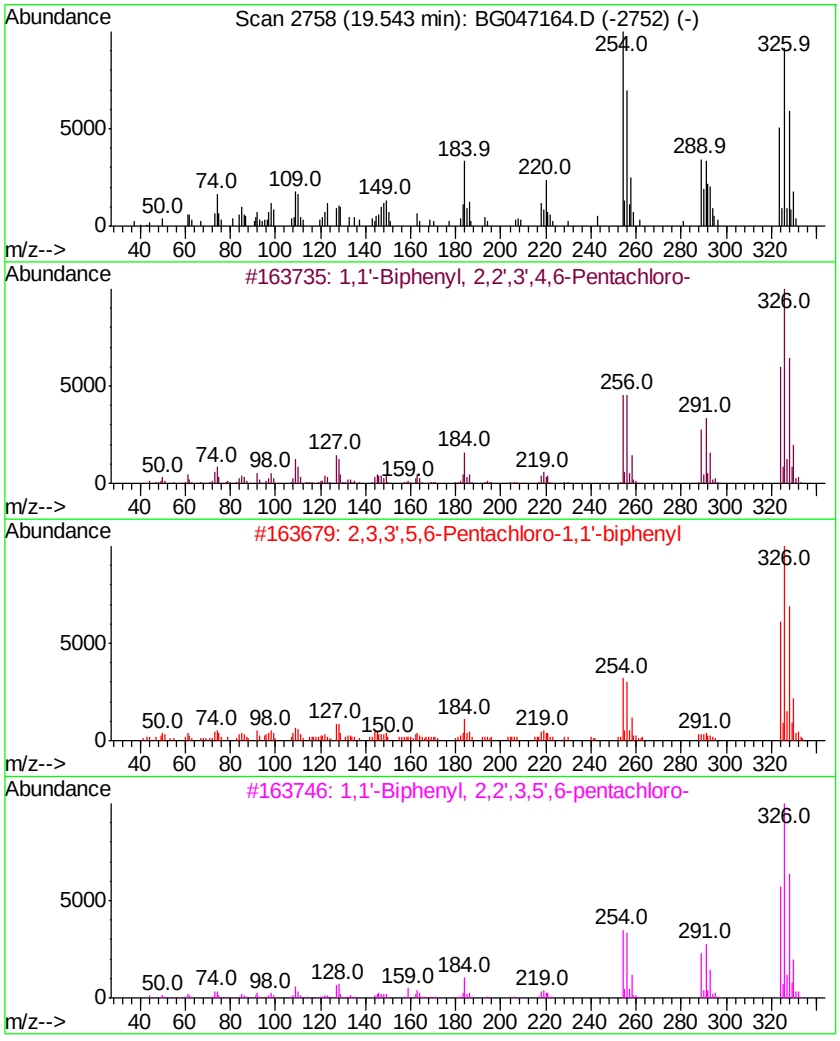
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

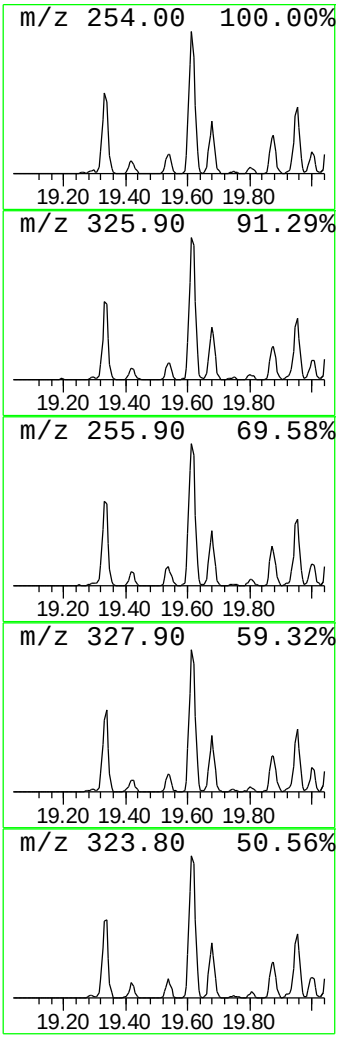
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.03 ng/ul	134096	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99





Library Search Compound Report

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Data File : BG047164.D
Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

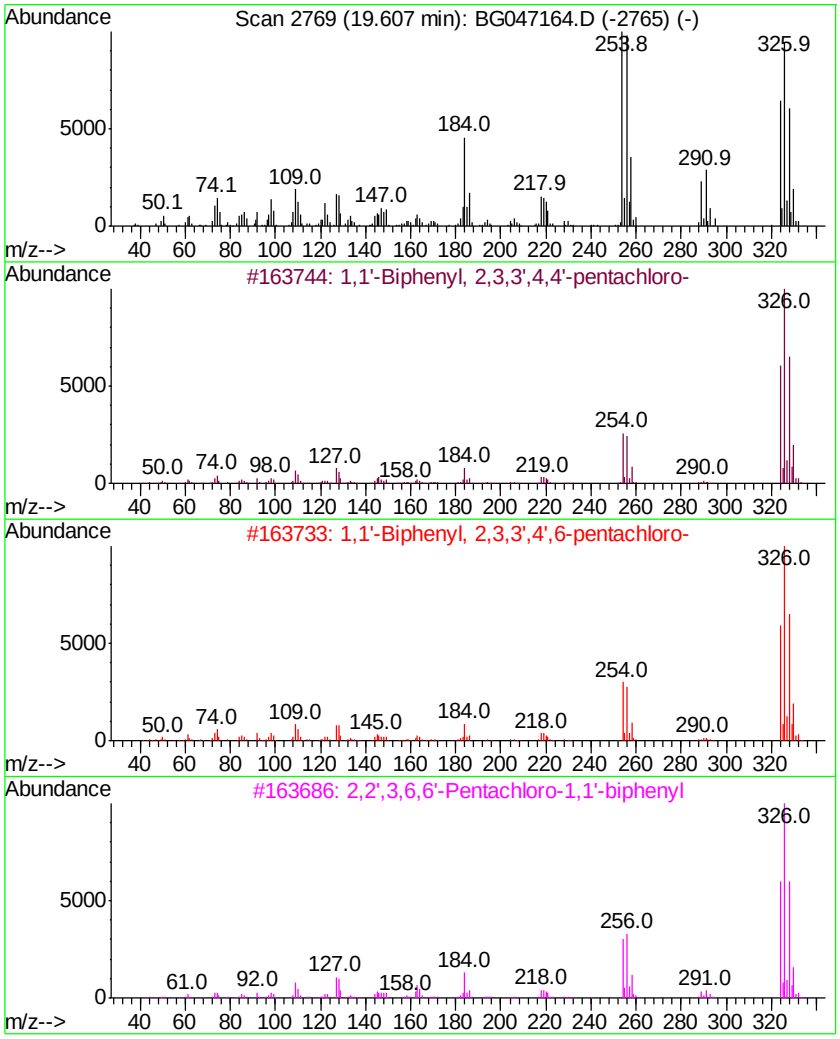
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

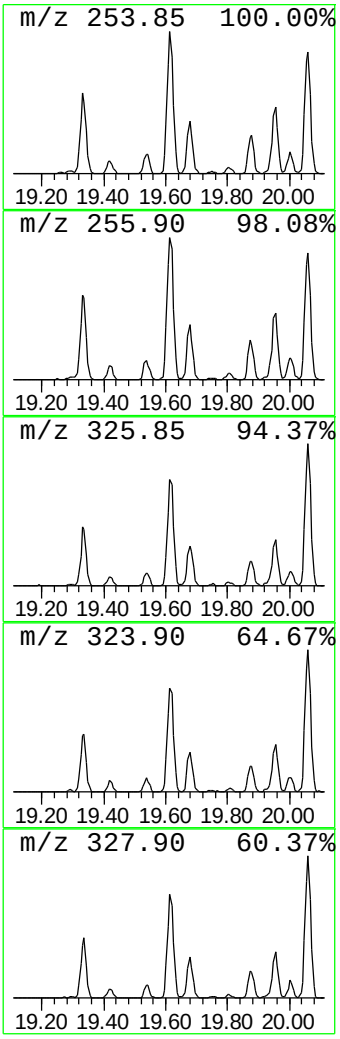
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	13.06 ng/ul	726676	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	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 : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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

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

****

Peak Number 7 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	4.35 ng/ul	241802	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
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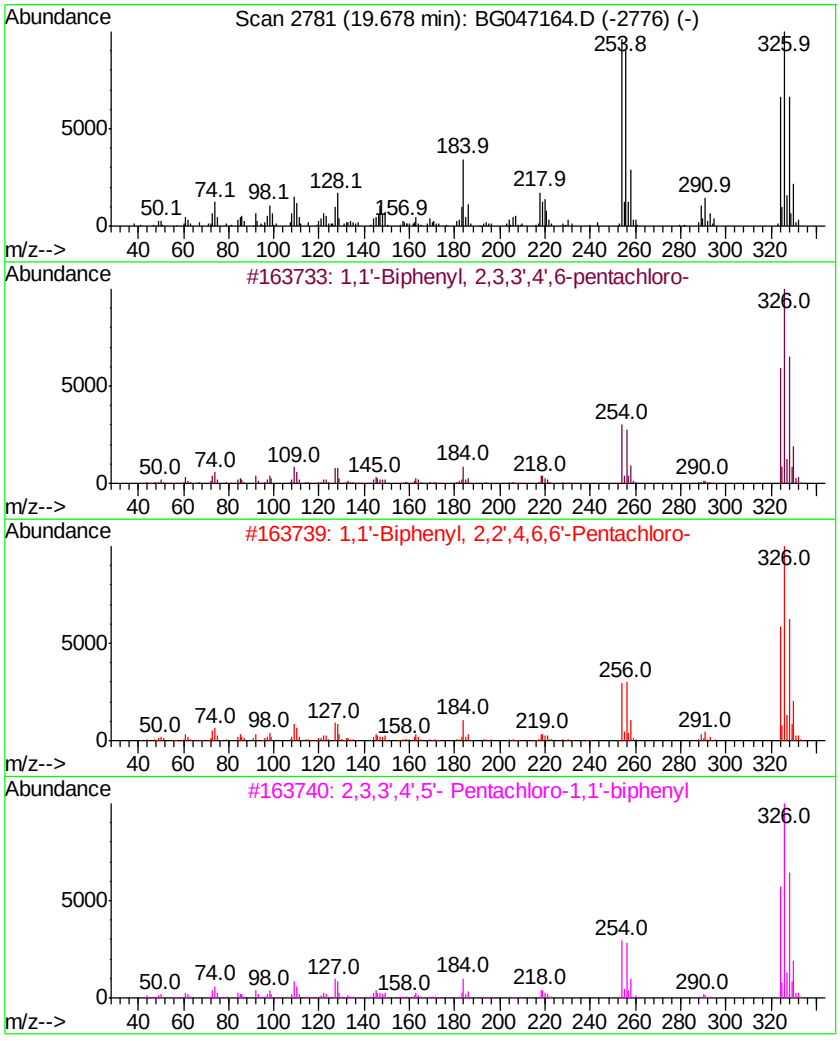

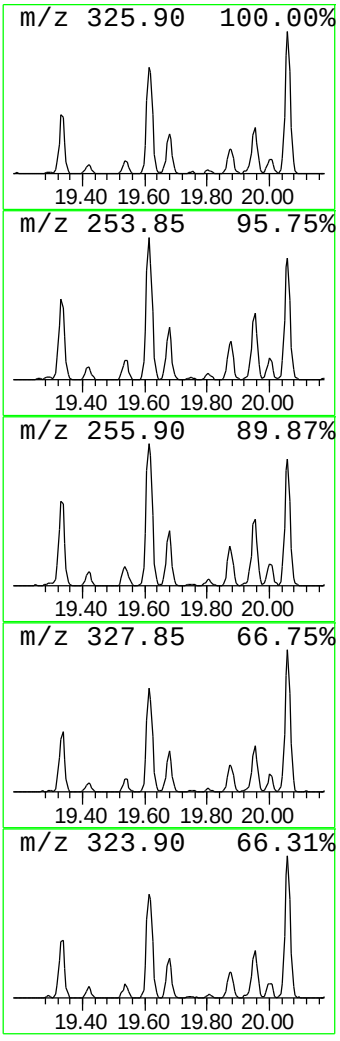

Library Search Compound Report

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Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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Quant Title : SVOA CALIBRATION

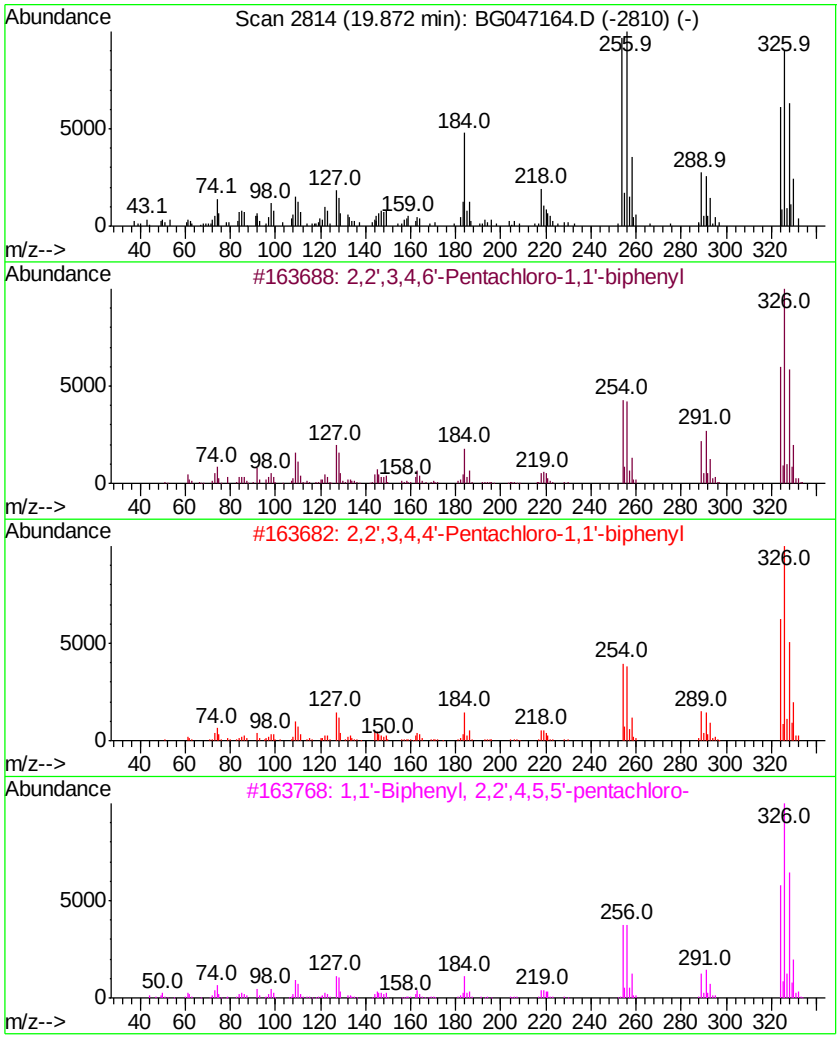
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

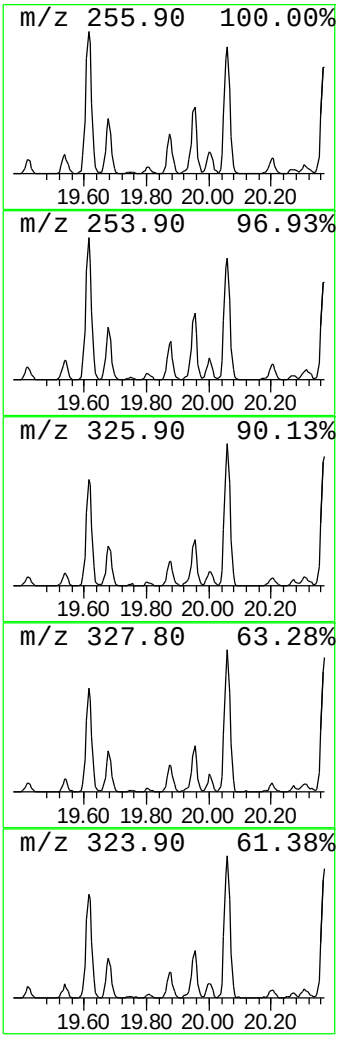
****

Peak Number 8 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	3.48 ng/ul	193860	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98





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Data File : BG047164.D
Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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

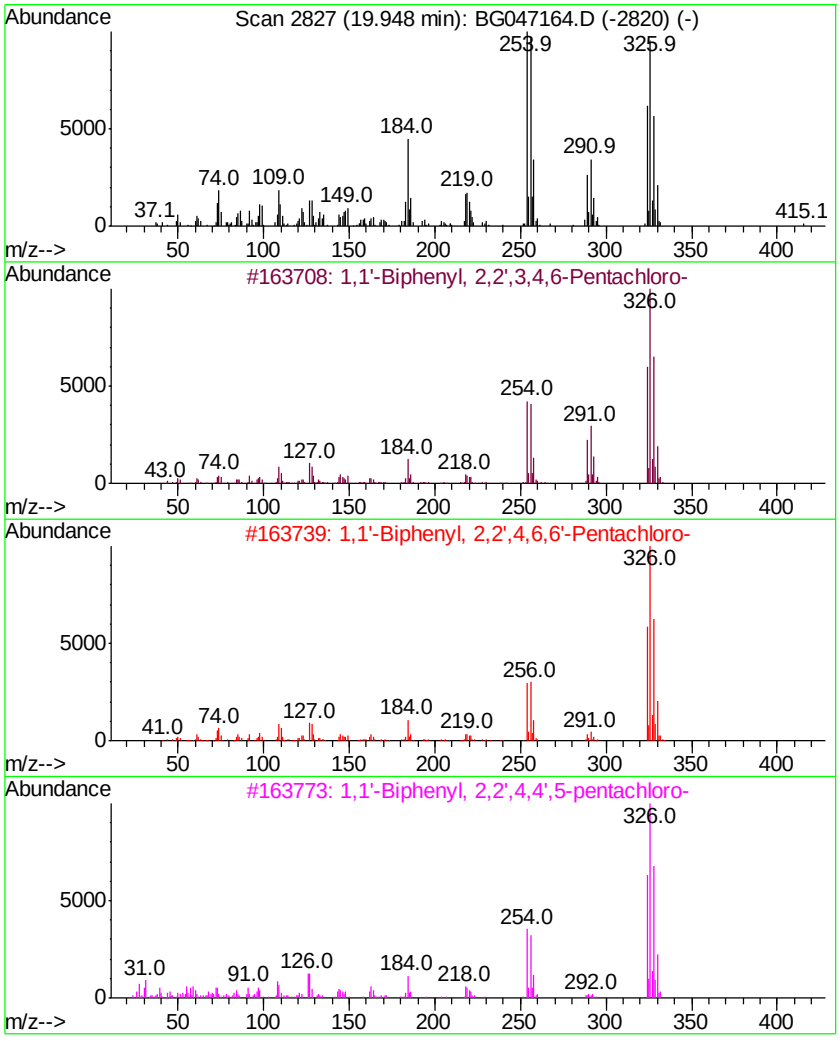
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

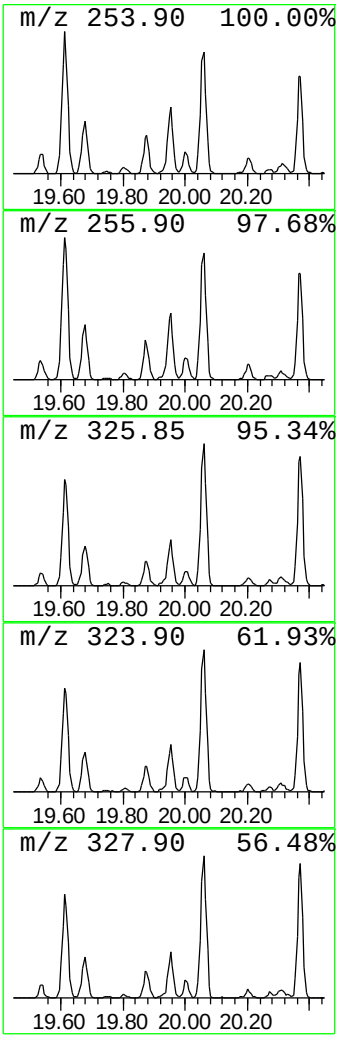
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	5.91 ng/ul	328629	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	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99





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Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

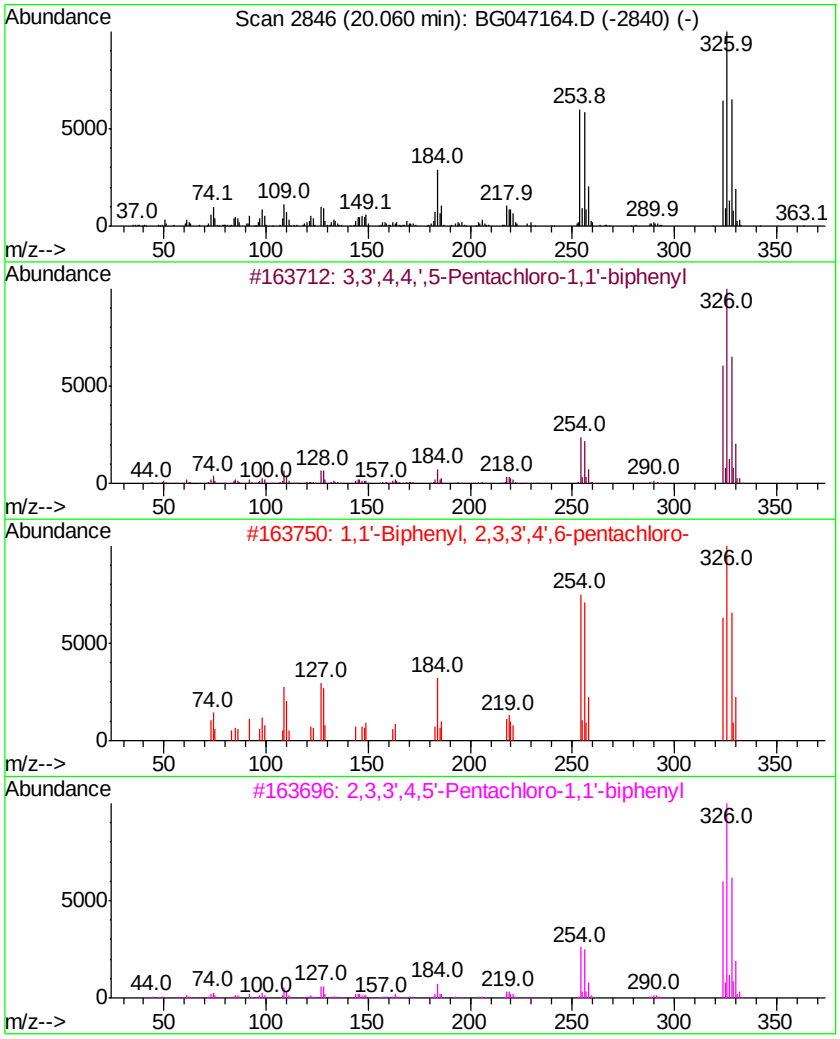
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

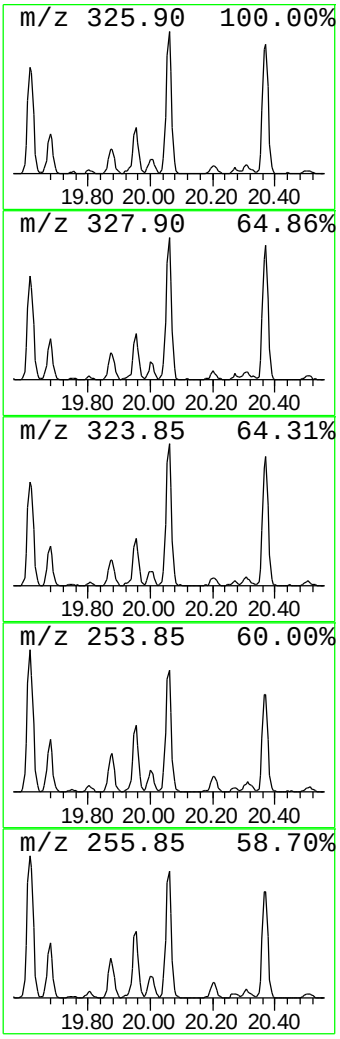
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	12.99 ng/ul	722587	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	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	97





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Data File : BG047164.D
Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

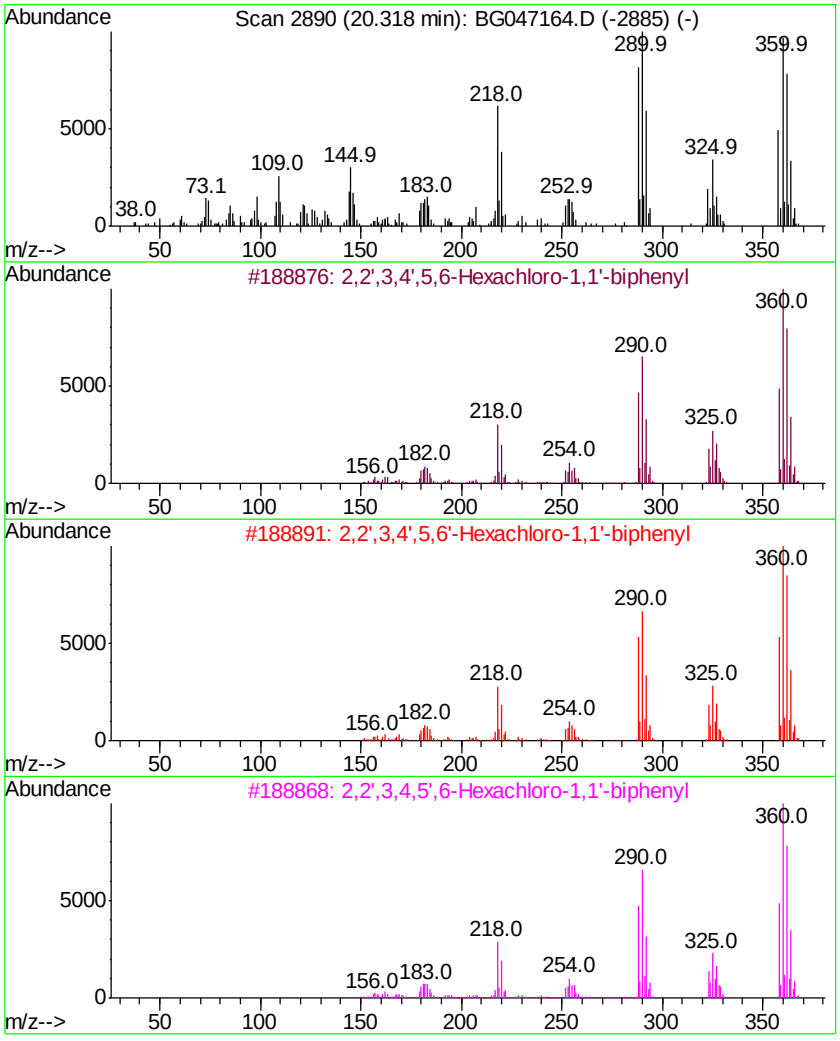
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

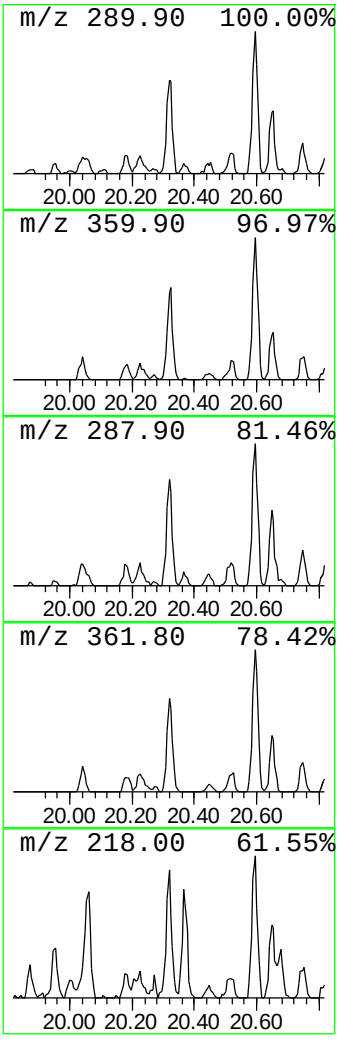
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	5.29 ng/ul	294227	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	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
3	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99





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Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

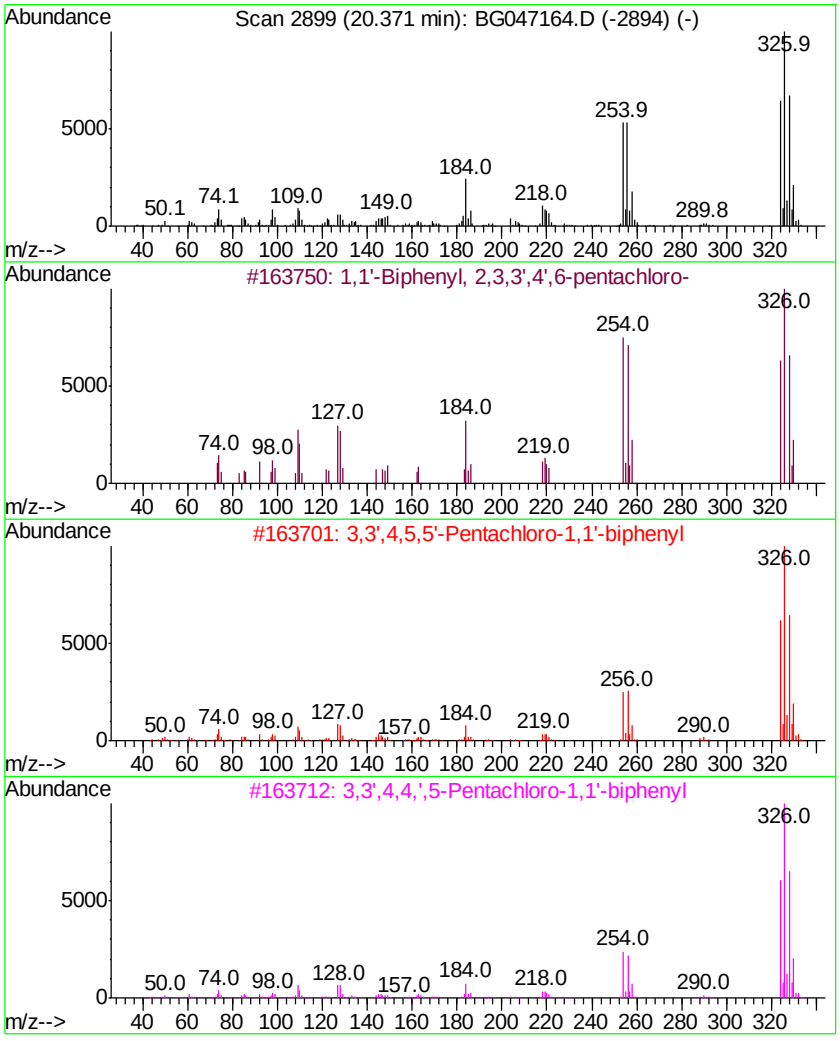
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

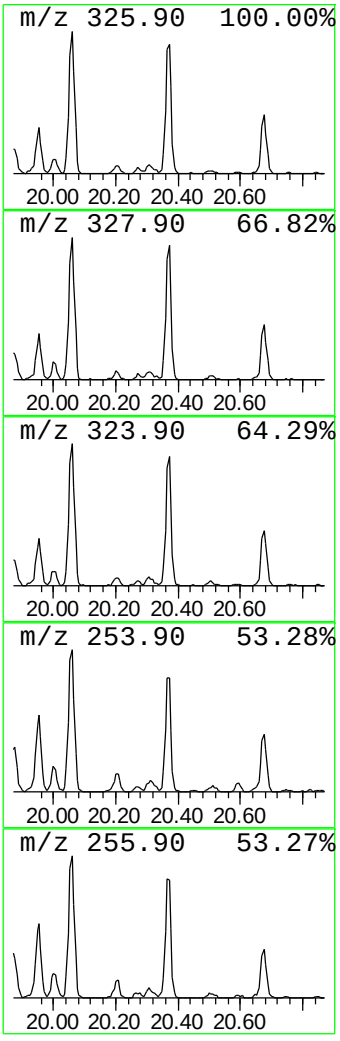
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	10.64 ng/ul	592157	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





Library Search Compound Report

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Data File : BG047164.D
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Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

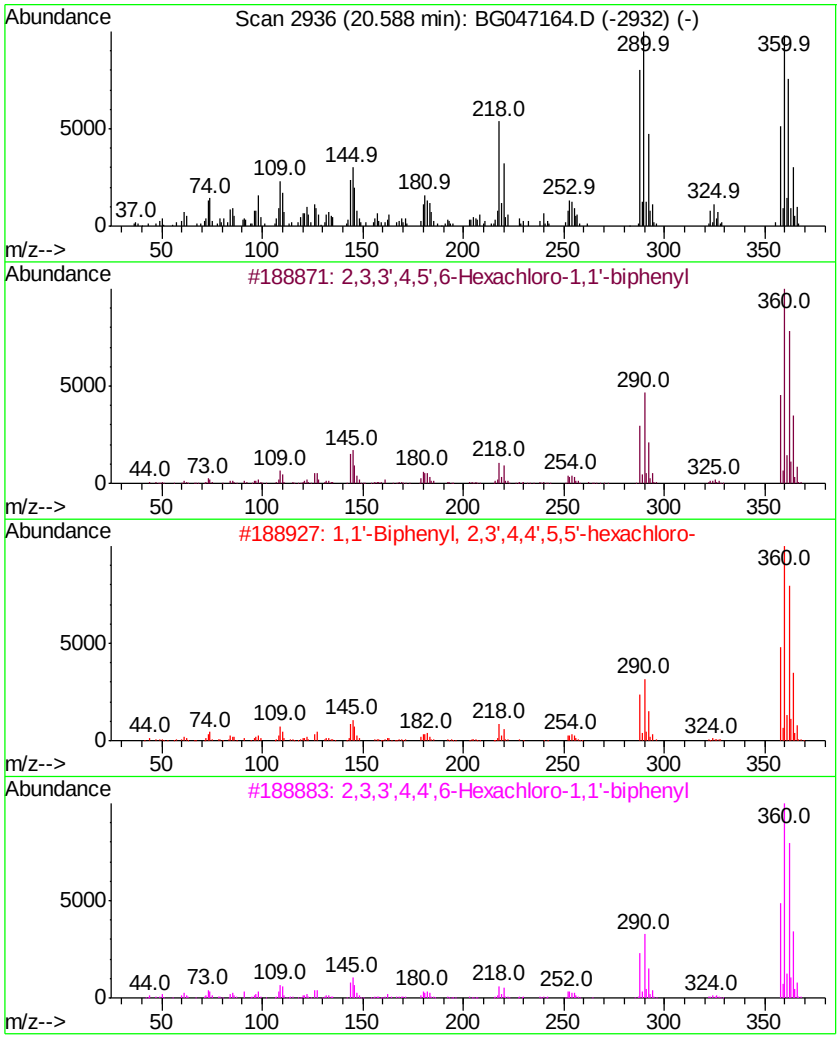
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

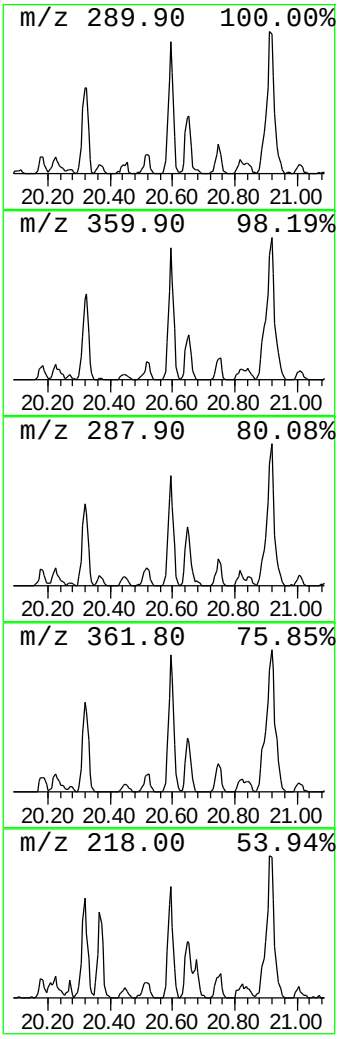
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	5.93 ng/ul	329991	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	97





Library Search Compound Report

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Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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

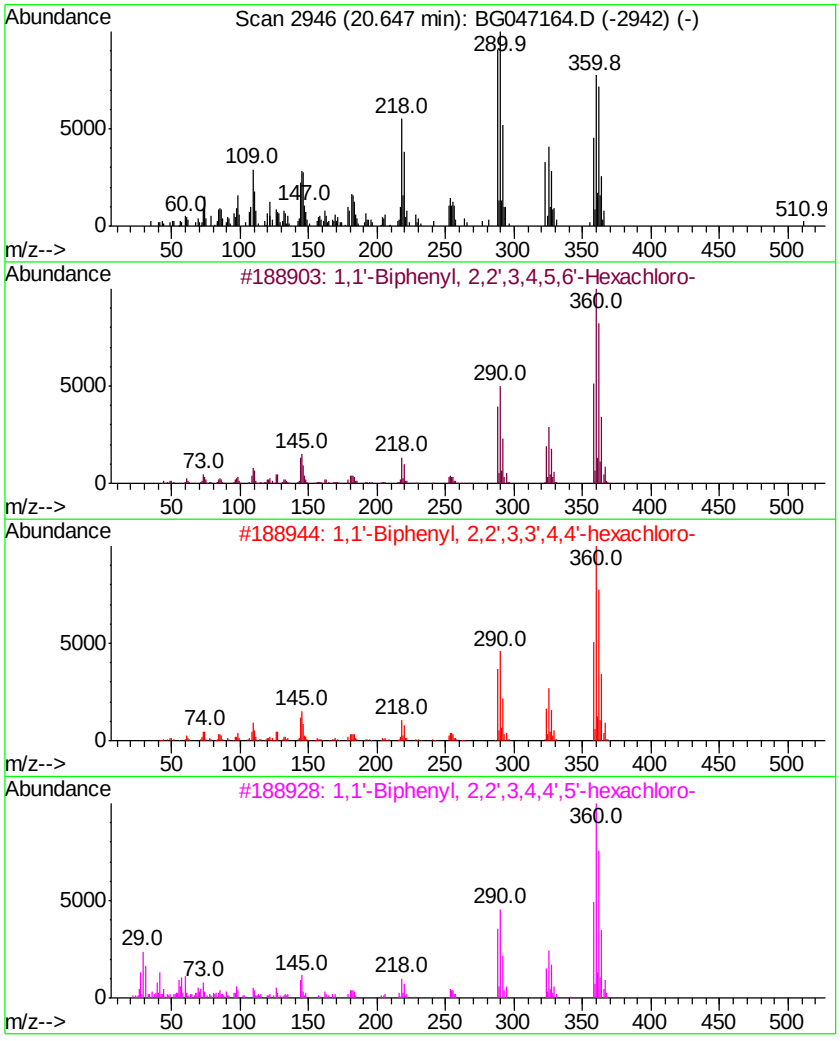
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

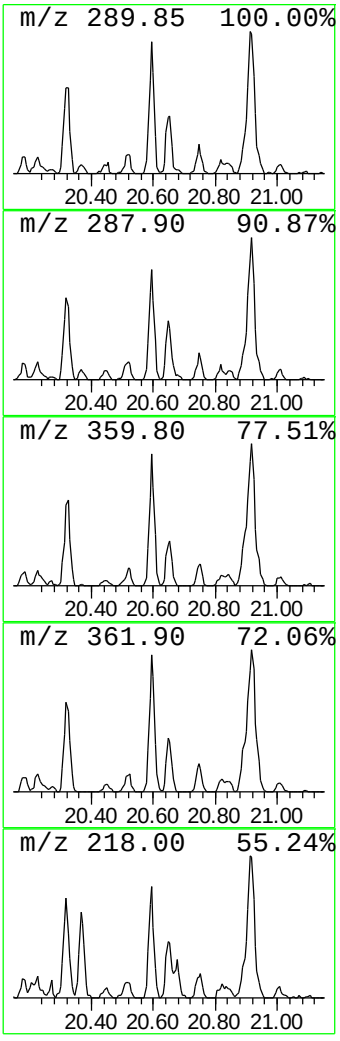
****

Peak Number 14 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	3.19 ng/ul	177650	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	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





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Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

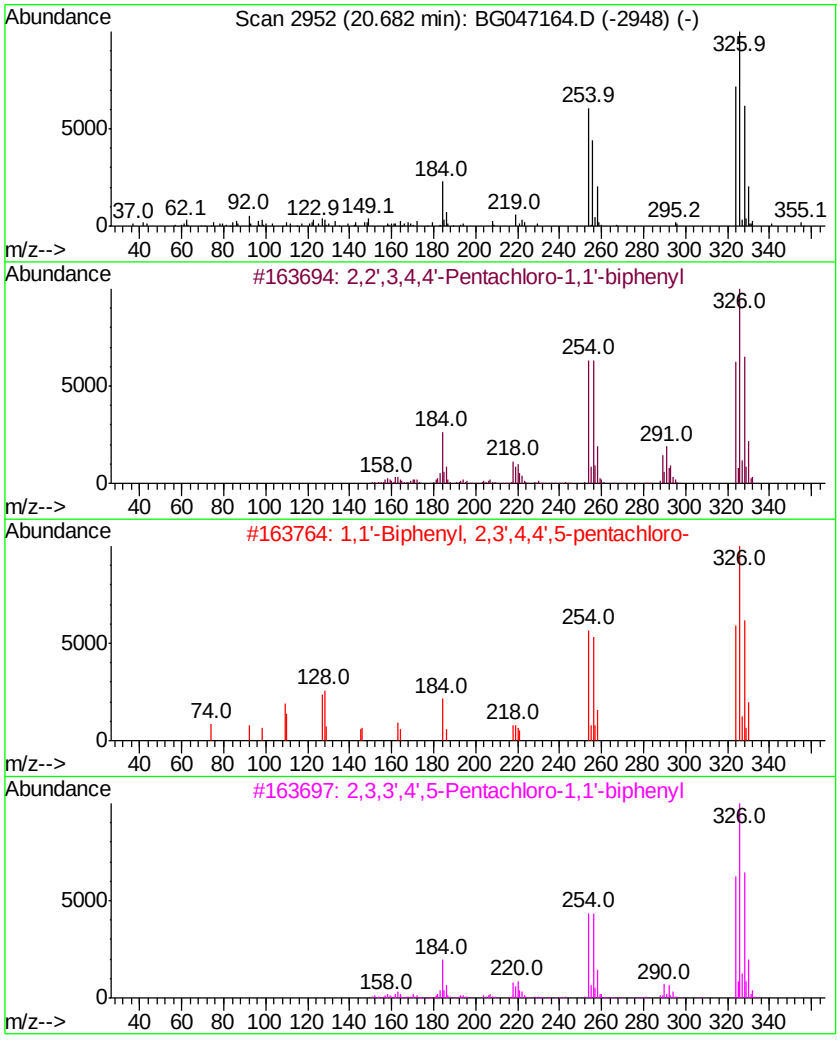
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

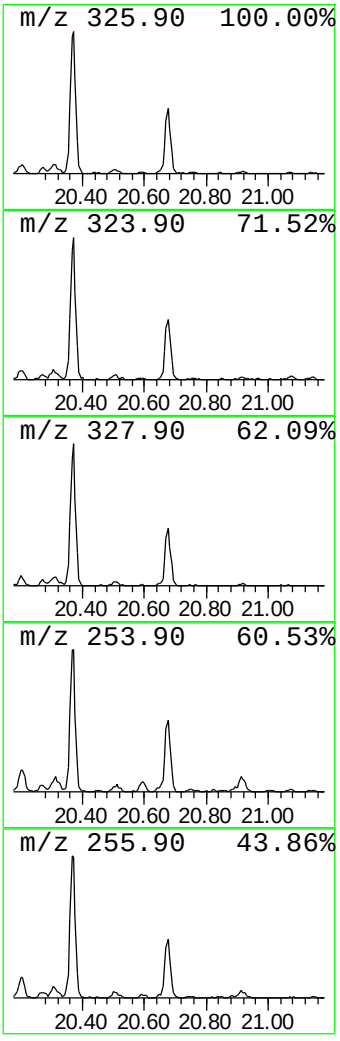
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,2',3,4,4'-Pentachloro-1,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	4.59 ng/ul	255412	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	95
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
3	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	95
4	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	95
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047164.D
Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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

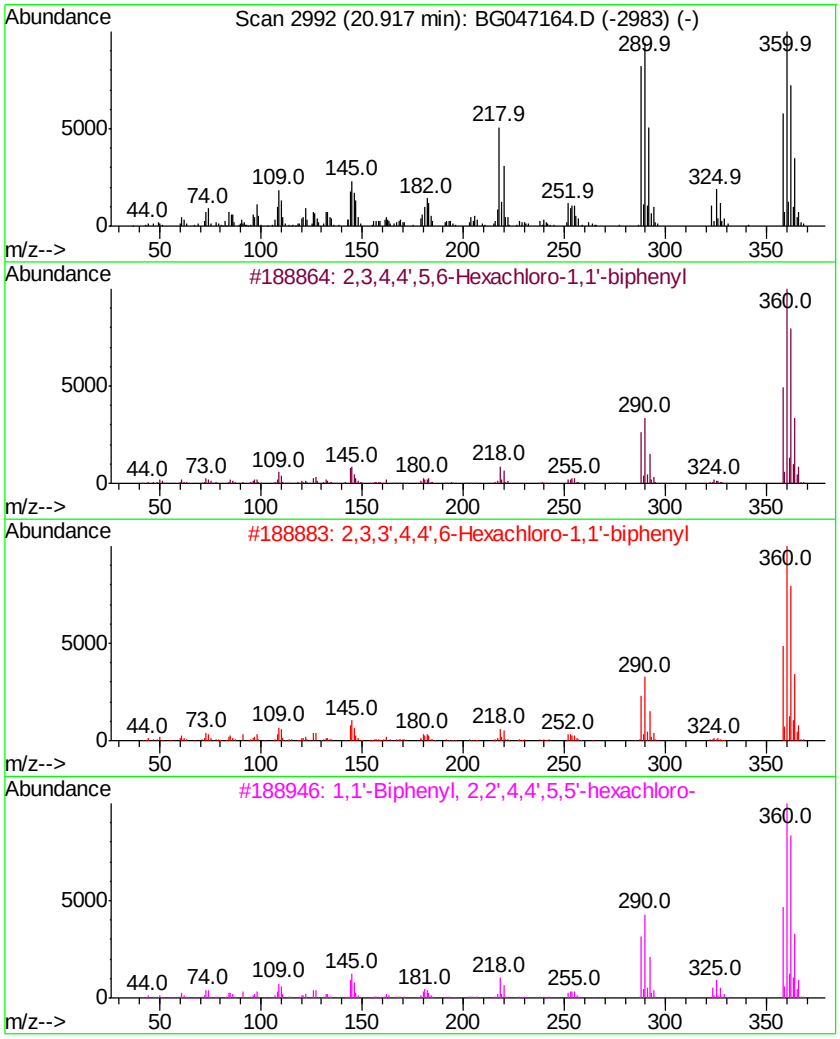
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

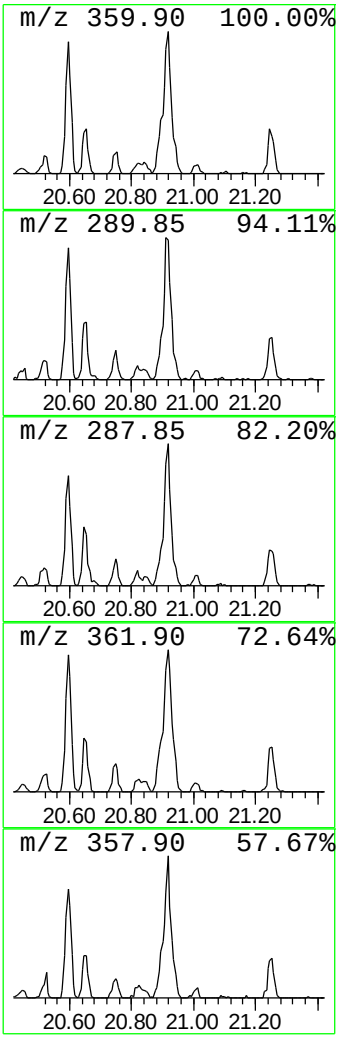
****

Peak Number 16 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	10.43 ng/ul	580081	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',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047164.D
Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

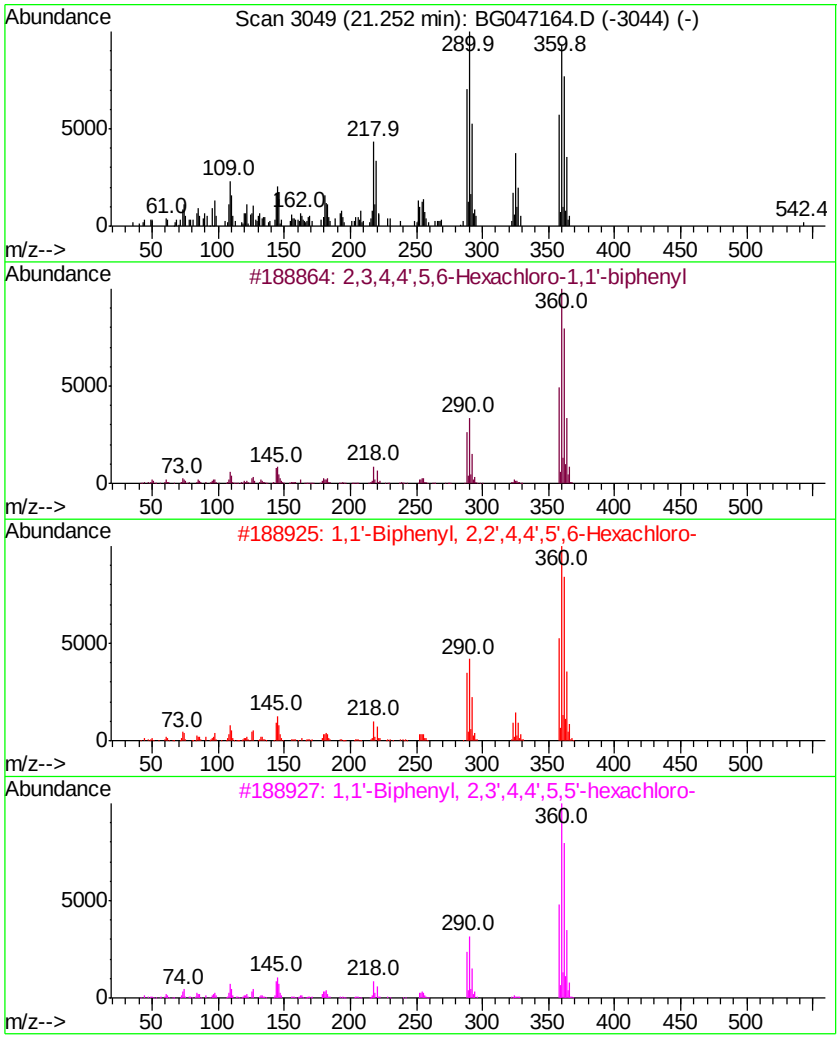
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

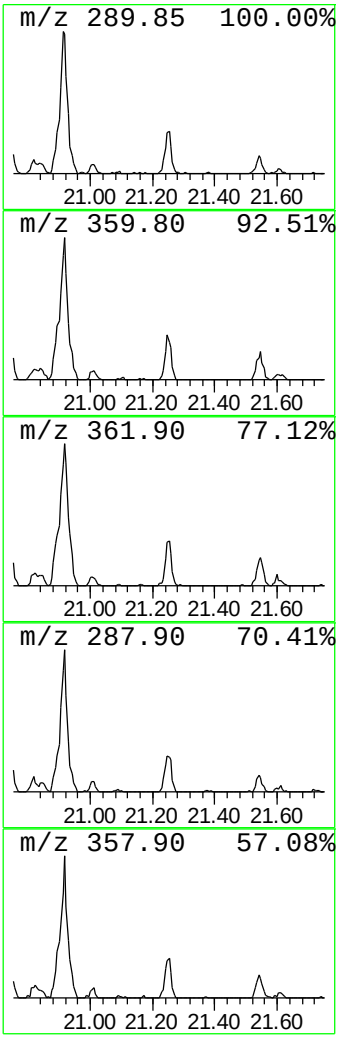
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	2.56 ng/ul	142346	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	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047164.D
Acq On : 30 Oct 2020 21:36
Operator : CG/JU
Sample : L4505-09
Misc : GCMS CONFIRMATION
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BG8

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	31.5	ng/ul	529799	1	8.05	336580	20.0
2,2',3,6-Tetrachl...	18.49	6.4	ng/ul	283941	4	17.43	886394	20.0
2,2',4,6'-Tetrach...	18.77	2.8	ng/ul	123748	4	17.43	886394	20.0
1,1'-Biphenyl, 2,...	19.33	13.7	ng/ul	608835	4	17.43	886394	20.0
1,1'-Biphenyl, 2,...	19.54	3.0	ng/ul	134096	4	17.43	886394	20.0
1,1'-Biphenyl, 2,...	19.61	13.1	ng/ul	726676	5	21.70	1112740	20.0
1,1'-Biphenyl, 2,...	19.68	4.3	ng/ul	241802	5	21.70	1112740	20.0
2,2',3,4,6'-Penta...	19.87	3.5	ng/ul	193860	5	21.70	1112740	20.0
1,1'-Biphenyl, 2,...	19.95	5.9	ng/ul	328629	5	21.70	1112740	20.0
3,3',4,4,',5-Pent...	20.06	13.0	ng/ul	722587	5	21.70	1112740	20.0
2,2',3,4',5,6-Hex...	20.32	5.3	ng/ul	294227	5	21.70	1112740	20.0
3,3',4,5,5'-Penta...	20.37	10.6	ng/ul	592157	5	21.70	1112740	20.0
2,3,3',4,5',6-Hex...	20.59	5.9	ng/ul	329991	5	21.70	1112740	20.0
1,1'-Biphenyl, 2,...	20.65	3.2	ng/ul	177650	5	21.70	1112740	20.0
2,2',3,4,4'-Penta...	20.68	4.6	ng/ul	255412	5	21.70	1112740	20.0
2,3,4,4',5,6-Hexa...	20.92	10.4	ng/ul	580081	5	21.70	1112740	20.0
1,1'-Biphenyl, 2,...	21.25	2.6	ng/ul	142346	5	21.70	1112740	20.0