LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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	3.387	4	8	17	rVB	418645	458846	40.67%	4.421%
2	3.580	40	41	45	rVB2	1924	1796	0.16%	0.017%
3	3.704	58	62	64	rBV	3916	3345	0.30%	0.032%
4	3.733	64	67	73	rVB3	11746	16170	1.43%	0.156%
5	3.904	93	96	97	rBV3	1677	1679	0.15%	0.016%
6	4.109	129	131	137	rVB2	1848	3055	0.27%	0.029%
7	4.209	144	148	153	rBV2	3497	3867	0.34%	0.037%
8	4.362	172	174	177	rVB	1799	1664	0.15%	0.016%
9	4.656	221	224	228	rVB2	2051	2418	0.21%	0.023%
10	4.773	240	244	246	rBV2	1894	1683	0.15%	0.016%
11	4.973	276	278	283	rVB2	1660	2558	0.23%	0.025%
12	5.067	291	294	298	rVB2	2652	2711	0.24%	0.026%
13	5.519	368	371	373	rBV2	1923	2148	0.19%	0.021%
14	5.625	387	389	392	rBV	1550	1494	0.13%	0.014%
15	5.702	399	402	404	rVB2	1440	1527	0.14%	0.015%
16	6.530	540	543	547	rVB2	1935	2529	0.22%	0.024%
17	6.642	561	562	566	rVB	1789	1551	0.14%	0.015%
18	7.270	667	669	673	rVB2	1653	1613	0.14%	0.016%
19	7.464	700	702	703	rBV	1755	1368	0.12%	0.013%
20	7.535	712	714	721	rVB2	2064	3035	0.27%	0.029%
21	7.617	723	728	731	rBV2	1991	3065	0.27%	0.030%
22	7.699	738	742	747	rVB2	2028	3895	0.35%	0.038%
23	7.764	747	753	754	rBV	1193	1854	0.16%	0.018%
24	8.052	794	802	810	rBV	197637	335947	29.77%	3.237%
25	8.187	821	825	830	rVB2	4433	5653	0.50%	0.054%
26	8.357	850	854	857	rVB2	1501	1875	0.17%	0.018%
27	8.821	930	933	937	rBV2	1323	1521	0.13%	0.015%
28	8.939	950	953	954	rBV	1414	1375	0.12%	0.013%
29	9.509	1047	1050	1053	rVB	1282	1516	0.13%	0.015%
30	10.672	1245	1248	1251	rBV	1543	1425	0.13%	0.014%
31	10.860	1273	1280	1292	rBV	253078	471786	41.81%	4.545%
32	11.142	1324	1328	1329	rBV	1289	1521	0.13%	0.015%
33	12.499	1558	1559	1564	rBV2	1125	1353	0.12%	0.013%
34	13.757	1769	1773	1776	rBV	1068	2012	0.18%	0.019%

LSC Area Percent Report

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Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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	14.415	1880	1885	1886	rBV	978	1445	0.13%	0.014%
36	14.427	1886	1887	1893	rVB	993	1522	0.13%	0.015%
37	14.685	1924	1931	1938	rBV2	488074	761945	67.53%	7.341%
38	15.919	2139	2141	2143	rVB	1639	1474	0.13%	0.014%
39	16.066	2165	2166	2169	rBV	1358	1481	0.13%	0.014%
40	16.113	2171	2174	2177	rBV2	1725	1962	0.17%	0.019%
41	16.289	2200	2204	2205	rBV2	1455	1959	0.17%	0.019%
42	16.536	2244	2246	2251	rBV	1283	1720	0.15%	0.017%
43	16.824	2293	2295	2298	rVB2	1767	1636	0.14%	0.016%
44	16.883	2303	2305	2309	rVB	3277	3431	0.30%	0.033%
45	16.959	2314	2318	2320	rBV2	2963	4330	0.38%	0.042%
46	17.000	2320	2325	2331	rVB6	14202	24927	2.21%	0.240%
47	17.082	2337	2339	2342	rVB2	2056	1874	0.17%	0.018%
48	17.306	2371	2377	2381	rVB4	4055	6308	0.56%	0.061%
49	17.341	2381	2383	2384	rBV	2027	1415	0.13%	0.014%
50	17.429	2390	2398	2409	rBV	613324	946546	83.89%	9.119%
51	17.529	2413	2415	2417	rVB3	2372	2254	0.20%	0.022%
52	17.623	2426	2431	2437	rVB7	8759	15594	1.38%	0.150%
53	17.723	2447	2448	2451	rVB3	2985	1629	0.14%	0.016%
54	17.846	2465	2469	2470	rBV2	1800	2177	0.19%	0.021%
55	17.946	2484	2486	2487	rBV2	3338	2018	0.18%	0.019%
56	18.028	2494	2500	2504	rBV5	8649	17478	1.55%	0.168%
57	18.087	2508	2510	2515	rVB5	7408	9760	0.86%	0.094%
58	18.122	2515	2516	2517	rBV	2895	1897	0.17%	0.018%
59	18.140	2517	2519	2522	rVV4	4465	4593	0.41%	0.044%
60	18.193	2526	2528	2529	rBV2	2045	1640	0.15%	0.016%
61	18.287	2540	2544	2548	rBV7	8981	15316	1.36%	0.148%
62	18.492	2574	2579	2585	rVB	159656	205993	18.26%	1.985%
63	18.551	2585	2589	2593	rVV2	42436	56291	4.99%	0.542%
64	18.598	2593	2597	2602	rVB8	10157	14632	1.30%	0.141%
65	18.774	2622	2627	2632	rBV2	69745	95267	8.44%	0.918%
66	18.827	2632	2636	2640	rVV6	6199	8164	0.72%	0.079%
67	18.951	2654	2657	2661	rVB2	27501	30010	2.66%	0.289%
68	19.015	2666	2668	2672	rBV4	10364	12266	1.09%	0.118%
69	19.192	2696	2698	2701	rBV4	5876	5958	0.53%	0.057%
70	19.256	2706	2709	2712	rVV2	35375	49703	4.40%	0.479%
71	19.303	2713	2717	2719	rVV2	102904	143325	12.70%	1.381%

LSC Area Percent Report

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Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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	19.333	2719	2722	2729	rVB2	235793	335831	29.76%	3.235%
73	19.421	2732	2737	2740	rVV3	38336	47384	4.20%	0.456%
74	19.538	2753	2757	2765	rBV6	53277	96026	8.51%	0.925%
75	19.615	2765	2770	2776	rVV	379396	503497	44.62%	4.851%
76	19.679	2776	2781	2785	rVB	138907	177864	15.76%	1.714%
77	19.726	2785	2789	2793	rBV3	15864	22035	1.95%	0.212%
78	19.803	2799	2802	2806	rBV6	20064	24922	2.21%	0.240%
79	19.873	2810	2814	2819	rVV	113029	133550	11.84%	1.287%
80	19.950	2822	2827	2832	rVV2	175857	232504	20.61%	2.240%
81	20.002	2832	2836	2839	rVV2	60536	74645	6.62%	0.719%
82	20.055	2839	2845	2851	rVB	368375	509652	45.17%	4.910%
83	20.179	2863	2866	2868	rBV4	26392	35410	3.14%	0.341%
84	20.267	2879	2881	2884	rVB4	13909	12798	1.13%	0.123%
85	20.320	2885	2890	2894	rBV3	152689	210225	18.63%	2.025%
86	20.367	2894	2898	2904	rVB	334407	423094	37.50%	4.076%
87	20.443	2908	2911	2916	rBV3	42207	52196	4.63%	0.503%
88	20.502	2917	2921	2922	rBV3	38745	49380	4.38%	0.476%
89	20.596	2932	2937	2941	rVB	181222	236034	20.92%	2.274%
90	20.649	2941	2946	2948	rBV2	97127	133319	11.82%	1.284%
91	20.672	2948	2950	2957	rVV	149550	178594	15.83%	1.721%
92	20.749	2959	2963	2970	rVV7	44218	77179	6.84%	0.744%
93	20.819	2972	2975	2978	rVV4	28103	43485	3.85%	0.419%
94	20.890	2982	2987	2989	rVV2	195790	291791	25.86%	2.811%
95	20.913	2989	2991	2999	rVB2	228514	310565	27.52%	2.992%
96	21.007	3004	3007	3012	rBV6	18377	22503	1.99%	0.217%
97	21.248	3044	3048	3052	rVB3	62385	83964	7.44%	0.809%
98	21.542	3095	3098	3103	rVB5	33186	40270	3.57%	0.388%
99	21.695	3118	3124	3139	rBV	658875	1128333	100.00%	10.870%
100	24.932	3666	3675	3687	rVB	375809	1083051	95.99%	10.434%

Sum of corrected areas: 10379896

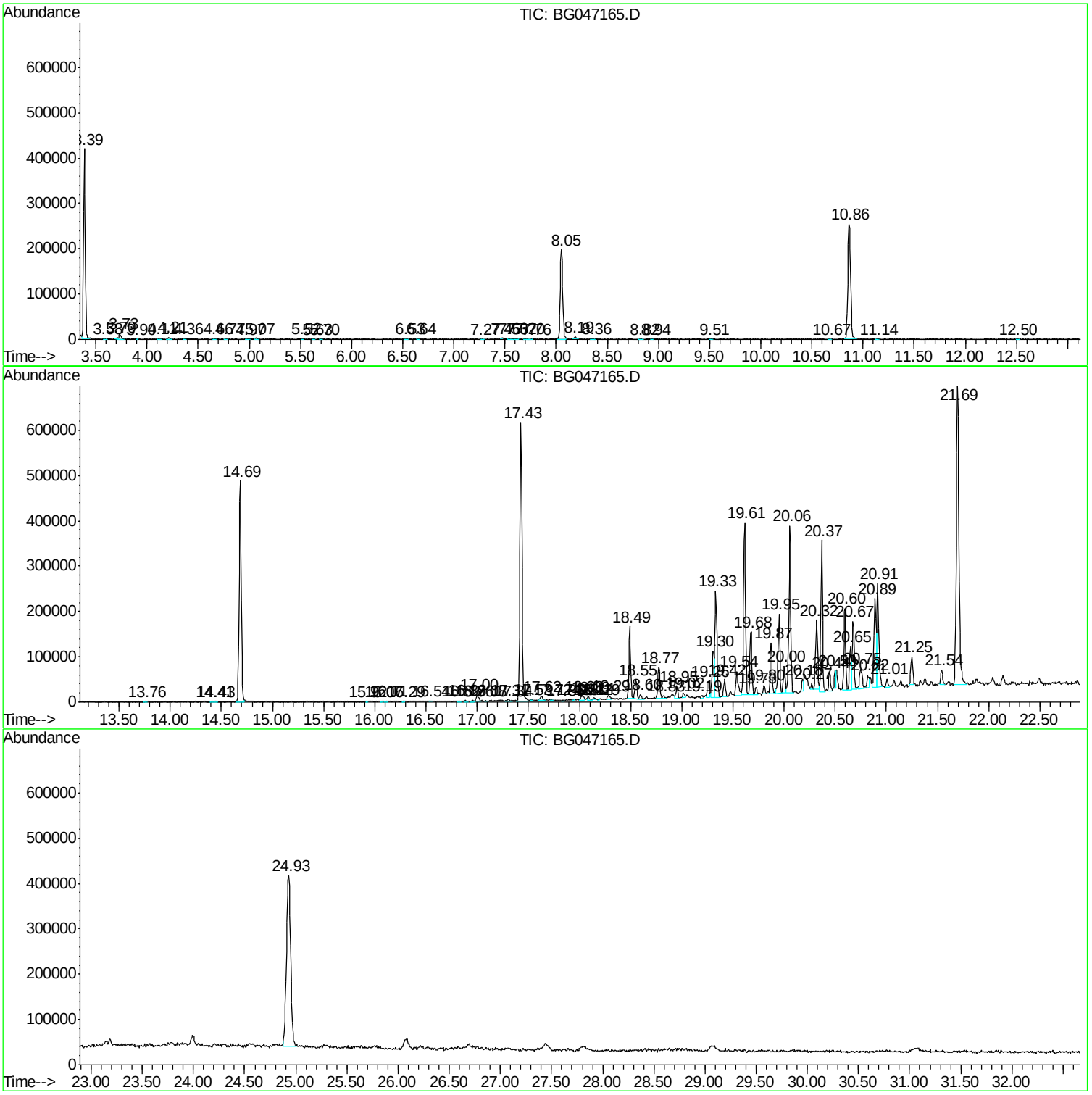
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BL2

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 : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

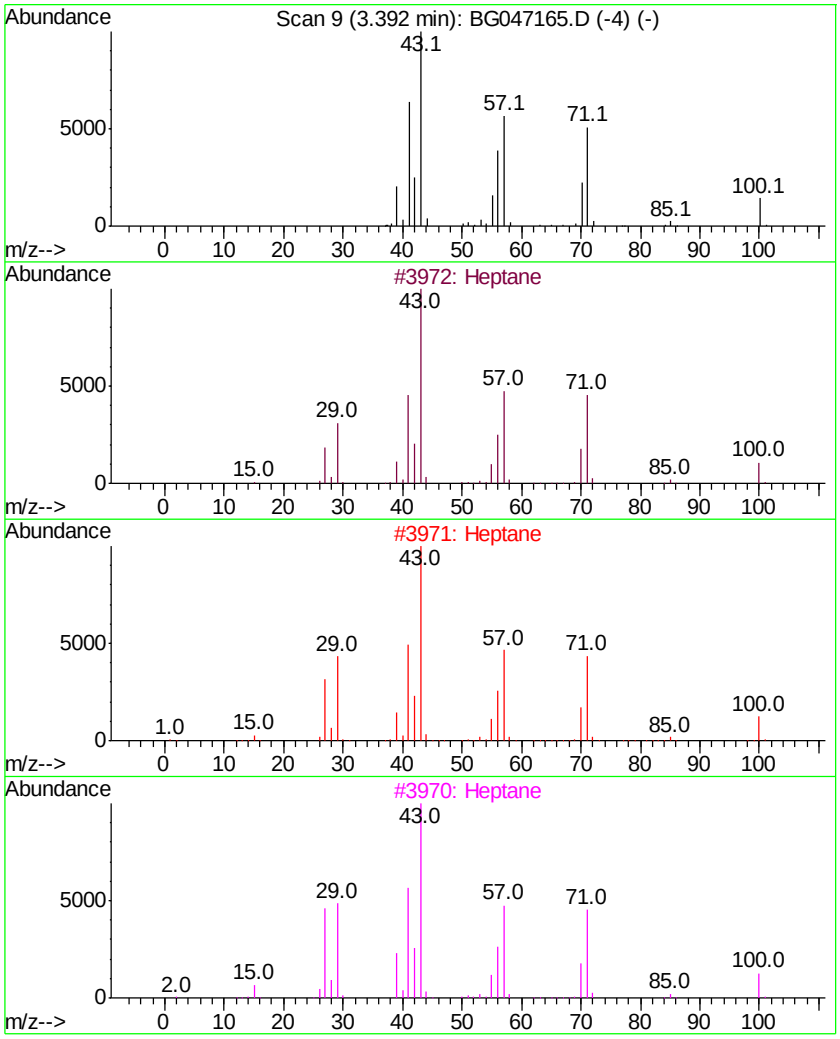
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

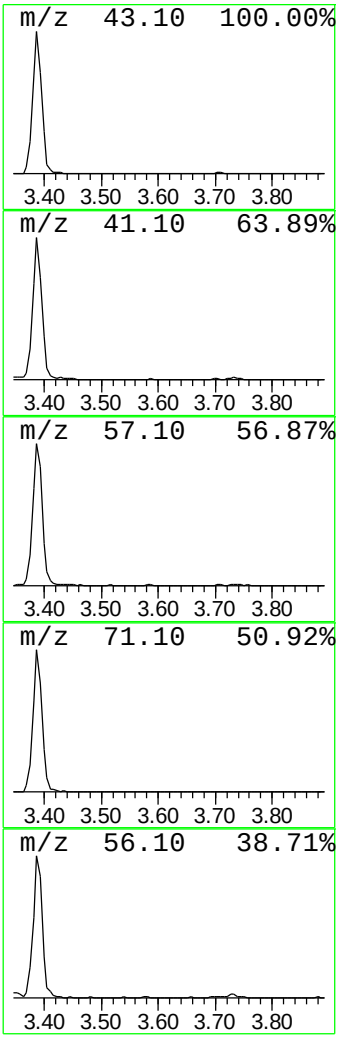
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	27.32 ng/ul	458846	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	90
5	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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

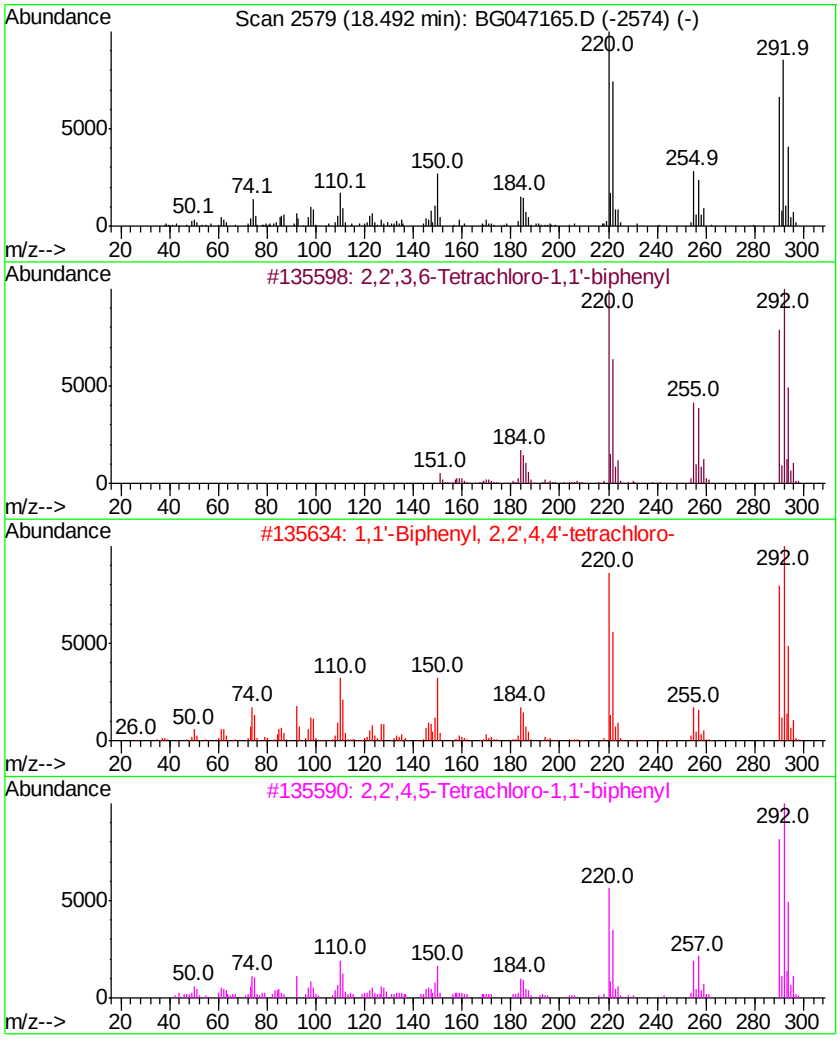
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

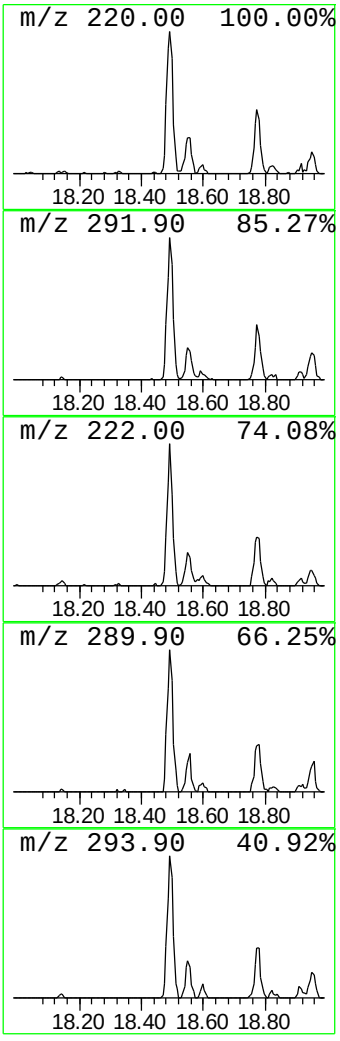
****

Peak Number 2 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.35 ng/ul	205993	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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

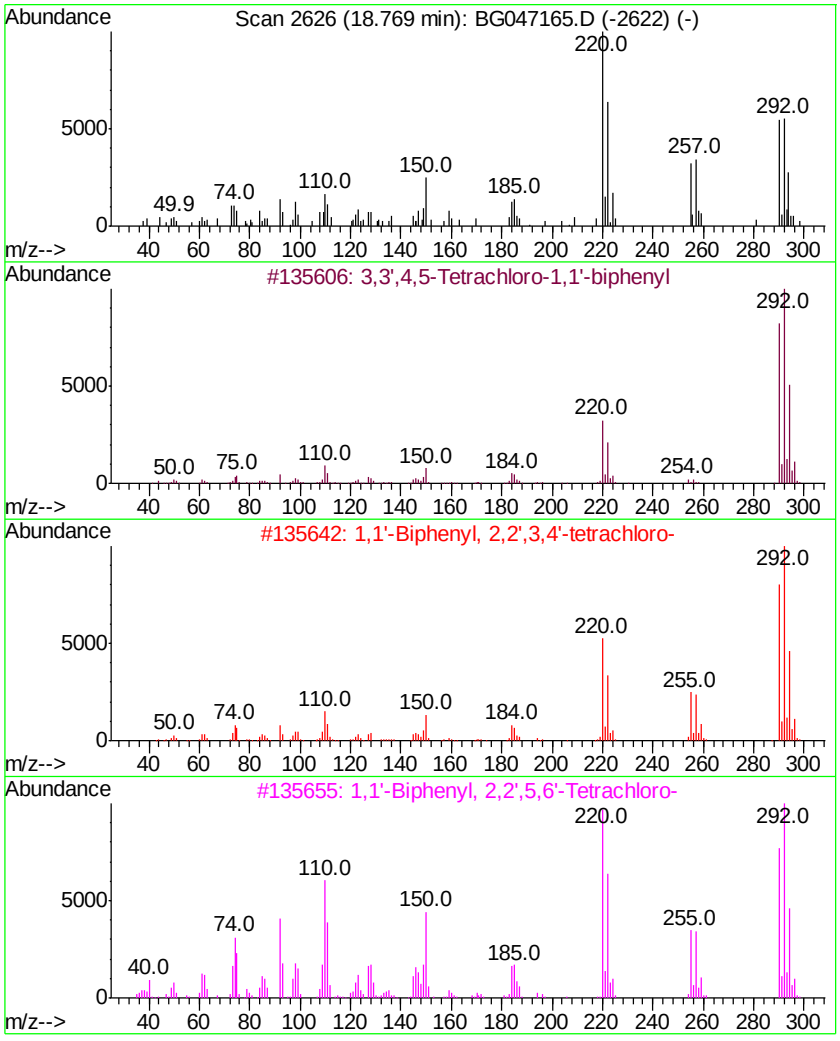
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

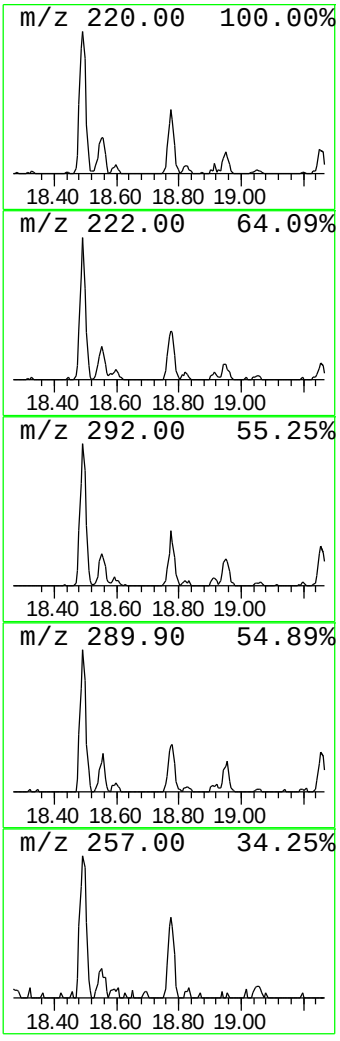
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.01 ng/ul	95267	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
2	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	98
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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

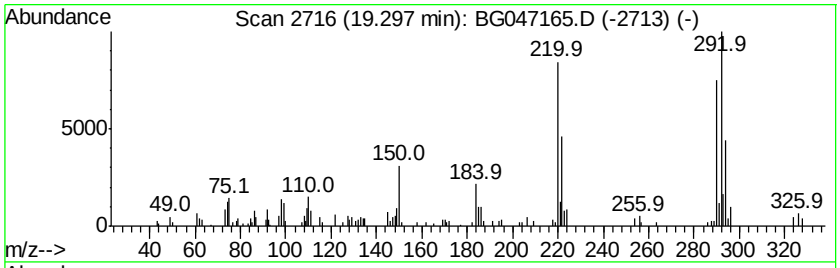
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

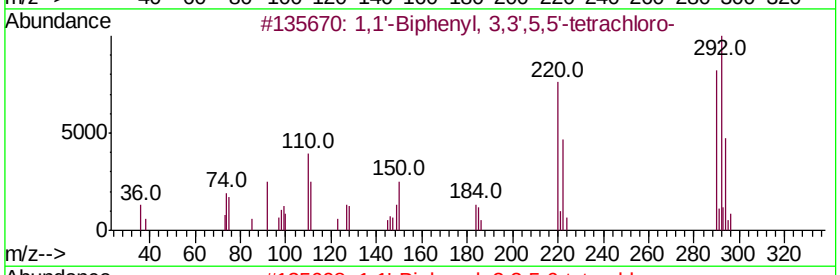
****

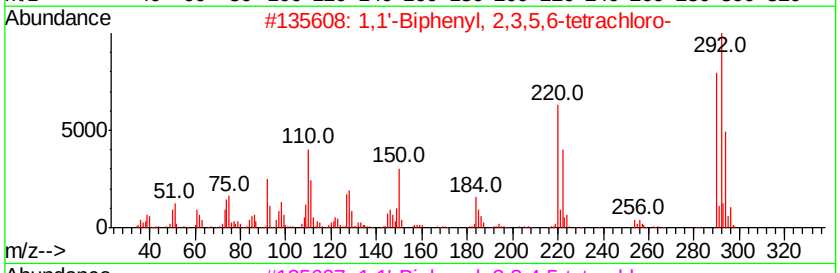
Peak Number 4 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 14

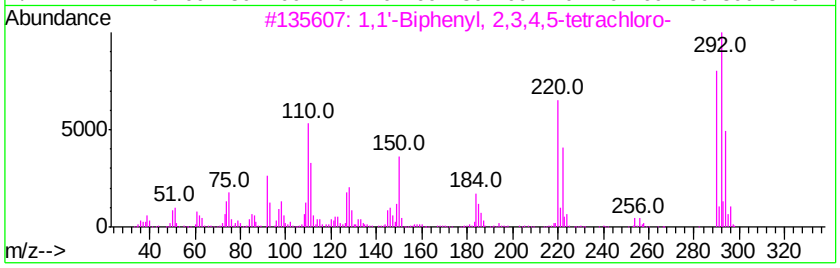
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	3.03 ng/ul	143325	Phenanthrene-d10	17.43

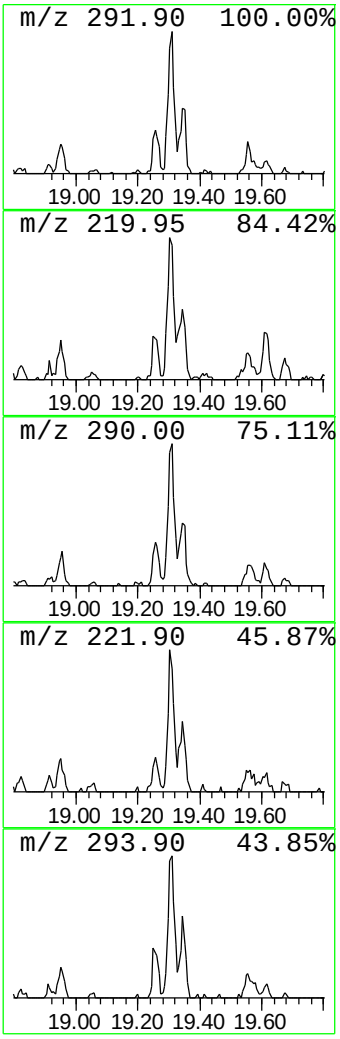
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96
2	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	96
3	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	95
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	95
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	95











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Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	7.10 ng/ul	335831	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	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
4	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	98
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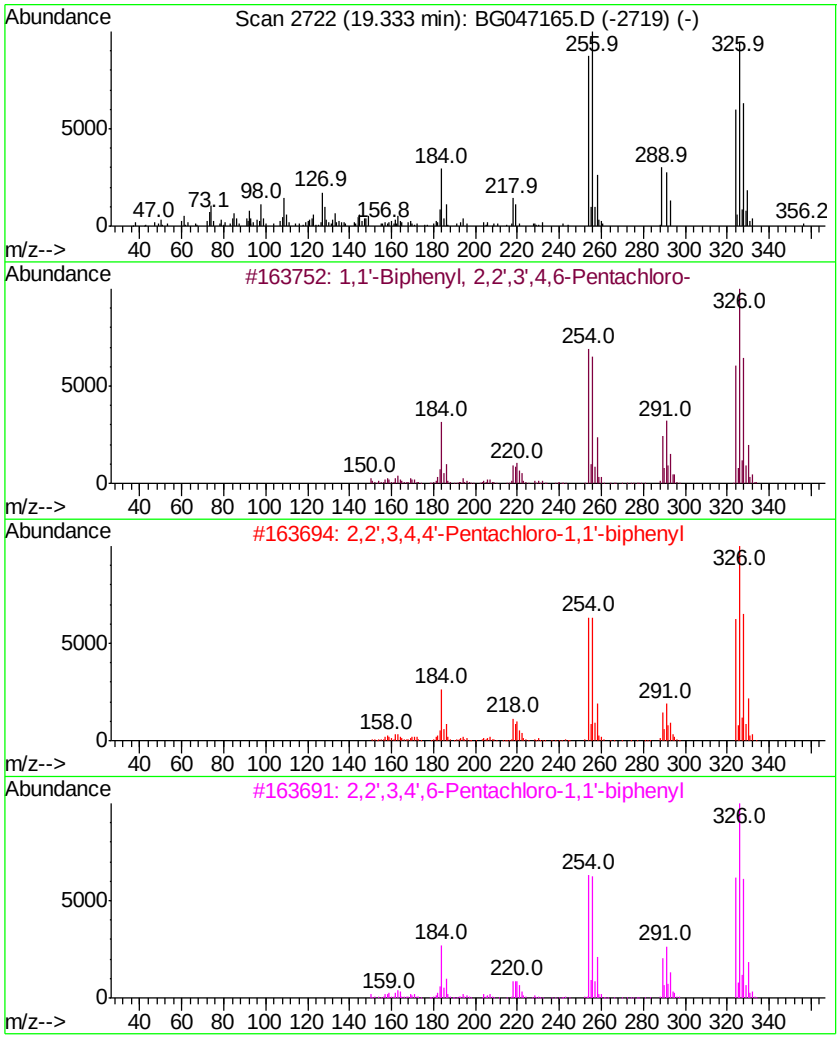

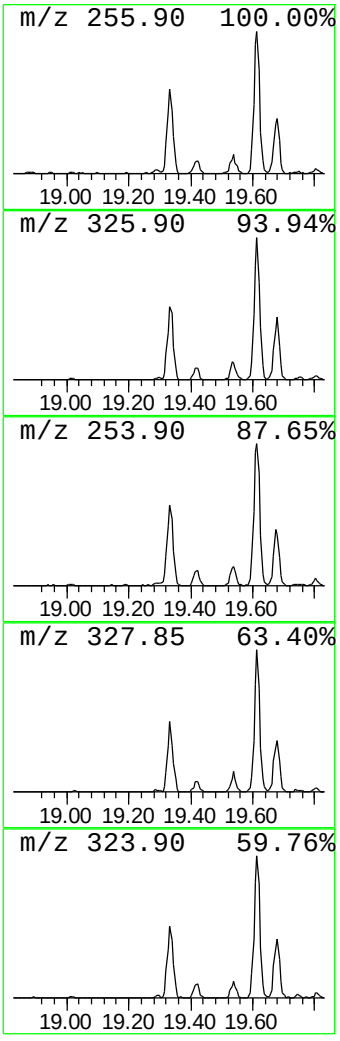

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Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

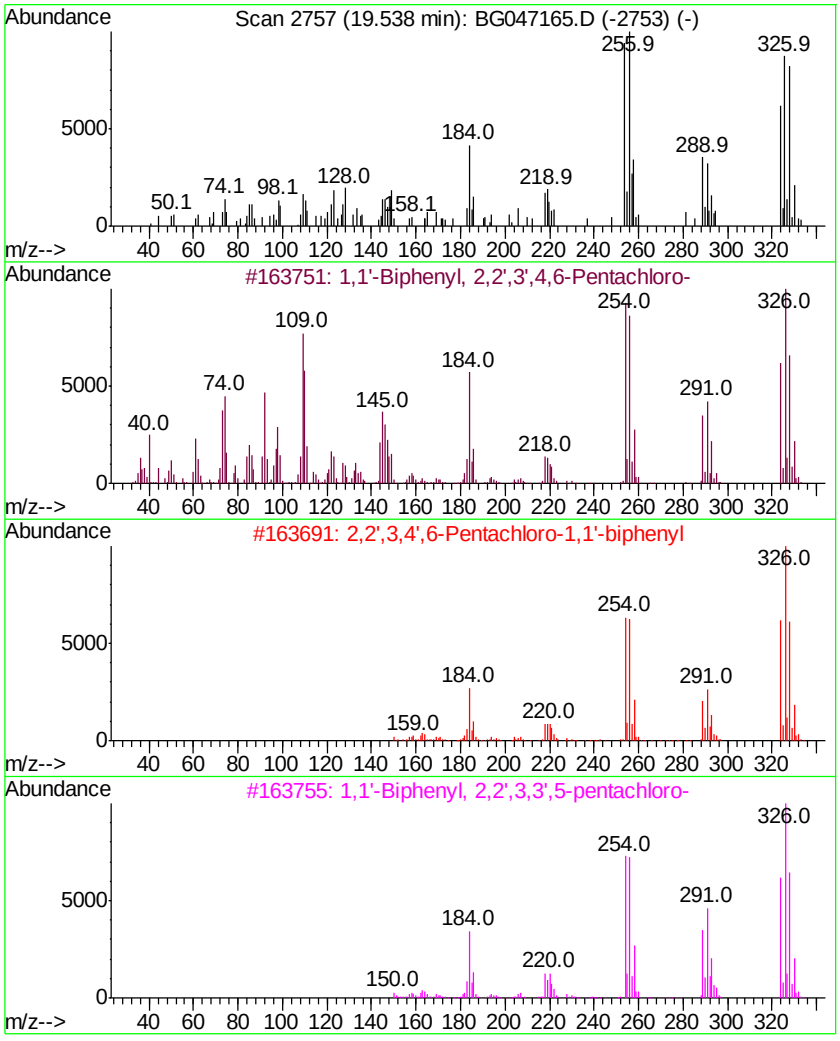
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

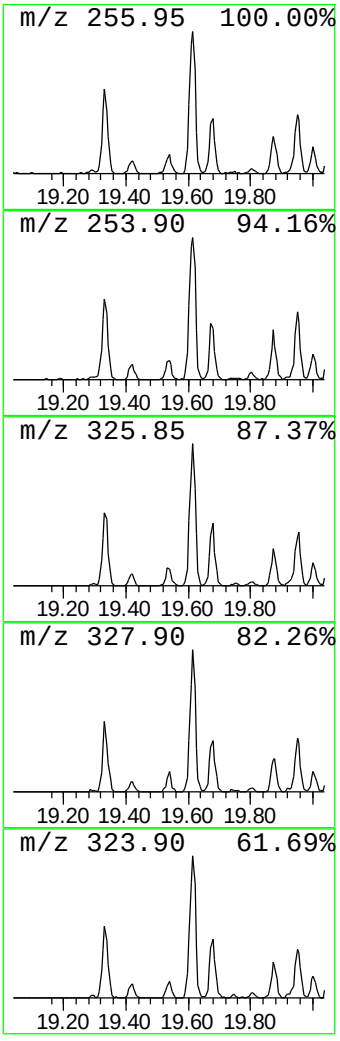
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.03 ng/ul	96026	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	98
2	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	98
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	96
4	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	96
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95





Library Search Compound Report

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Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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

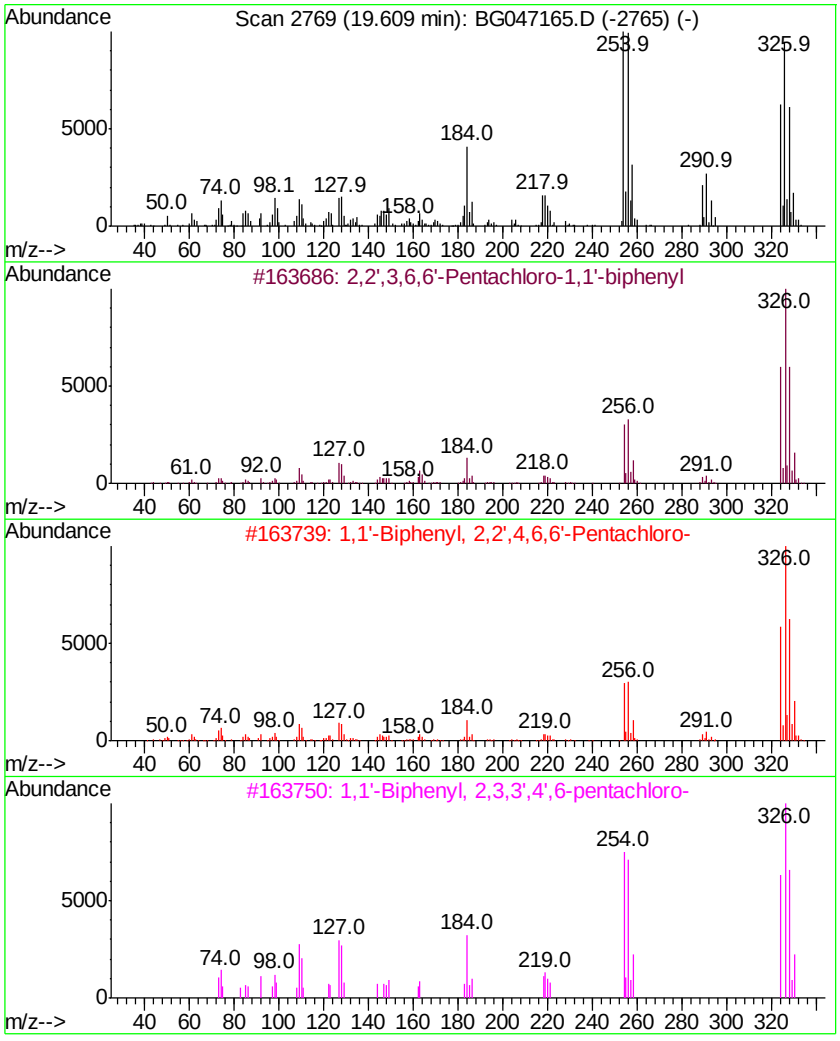
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

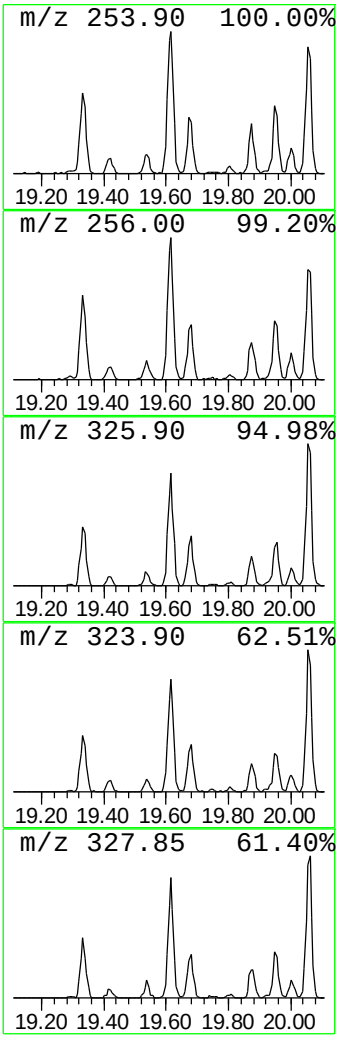
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	8.92 ng/ul	503497	Chrysene-d12	21.69

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, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
4	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	96
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95





Library Search Compound Report

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Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

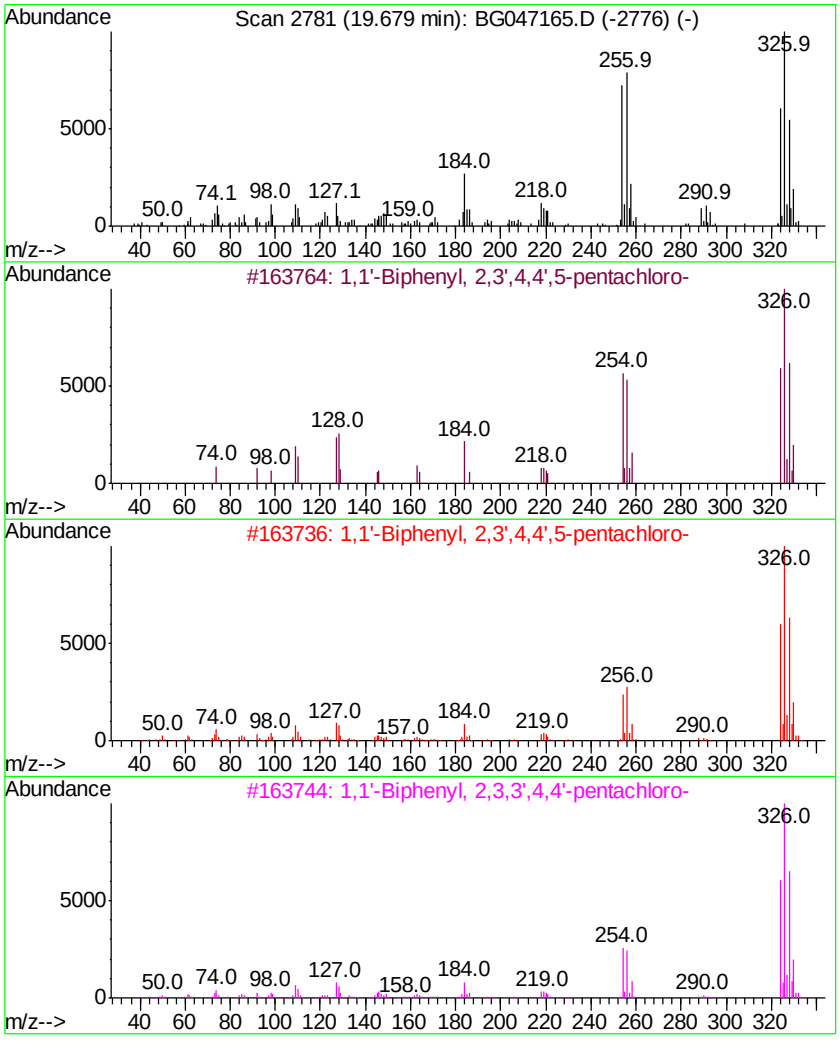
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

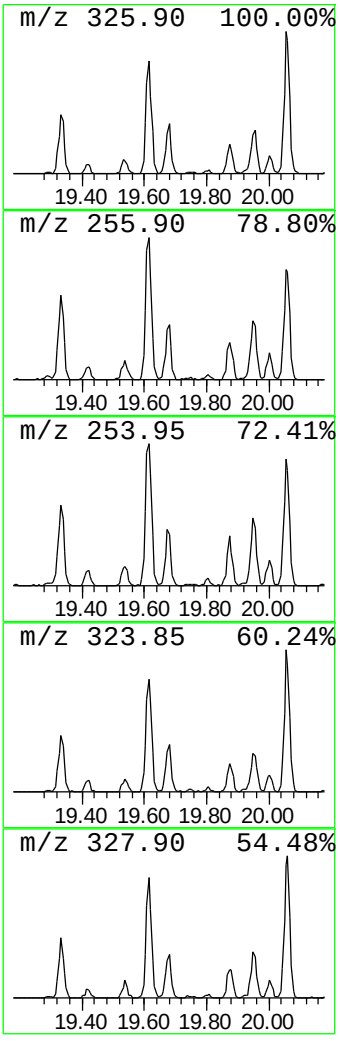
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	3.15 ng/ul	177864	Chrysene-d12	21.69

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	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

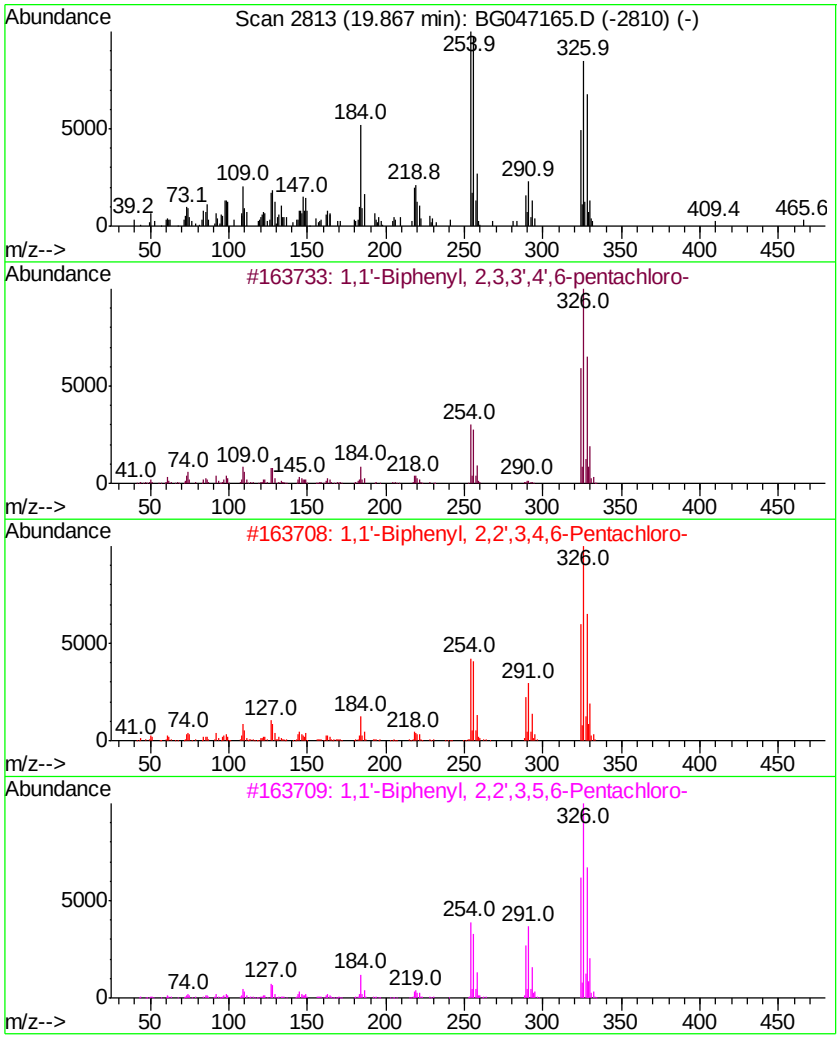
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

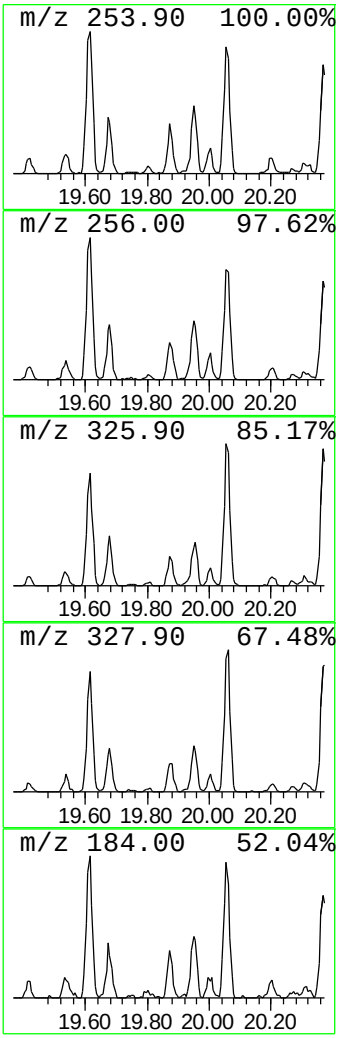
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.37 ng/ul	133550	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	97
3	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	96
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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

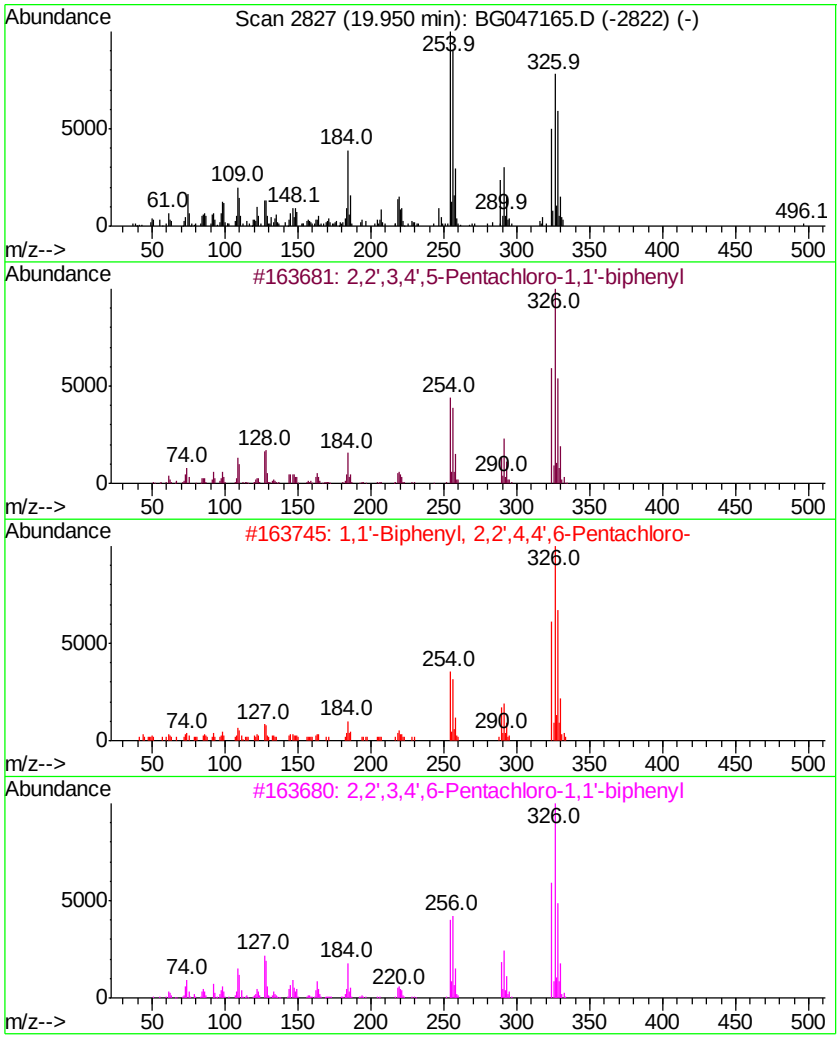
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

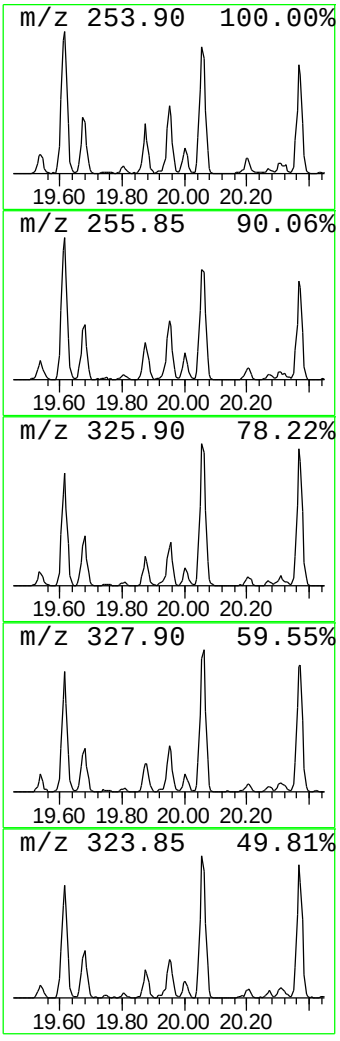
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	4.12 ng/ul	232504	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
2	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98





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Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

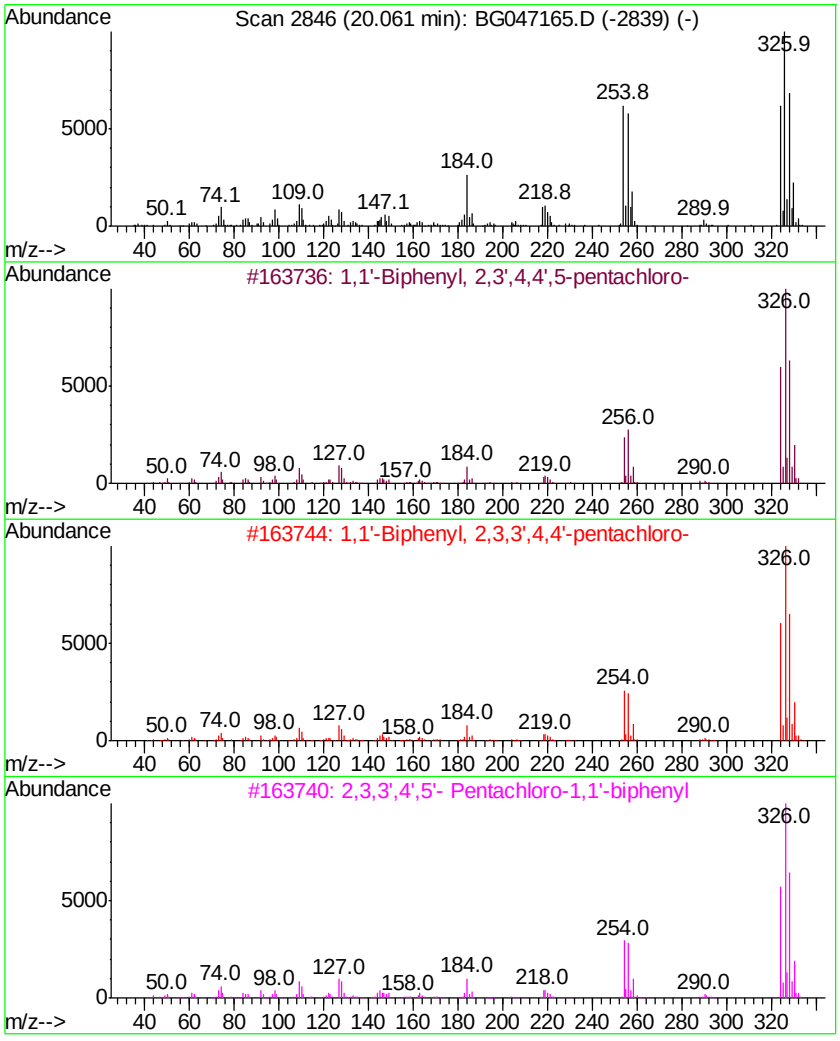
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

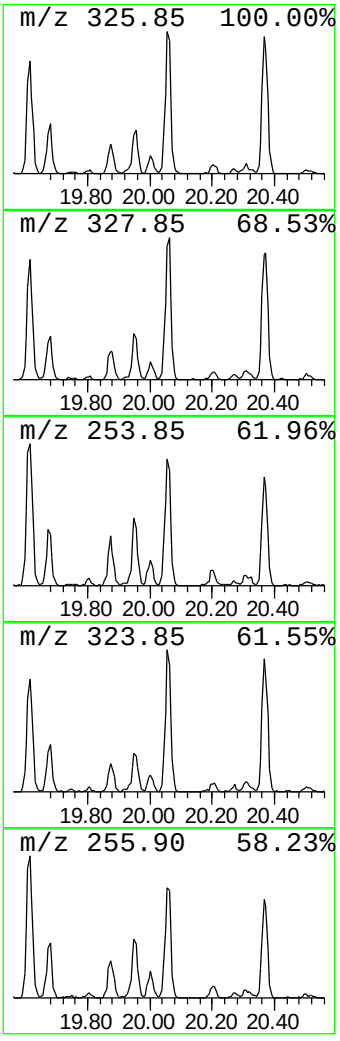
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	9.03 ng/ul	509652	Chrysene-d12	21.69

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	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	97
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	96
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

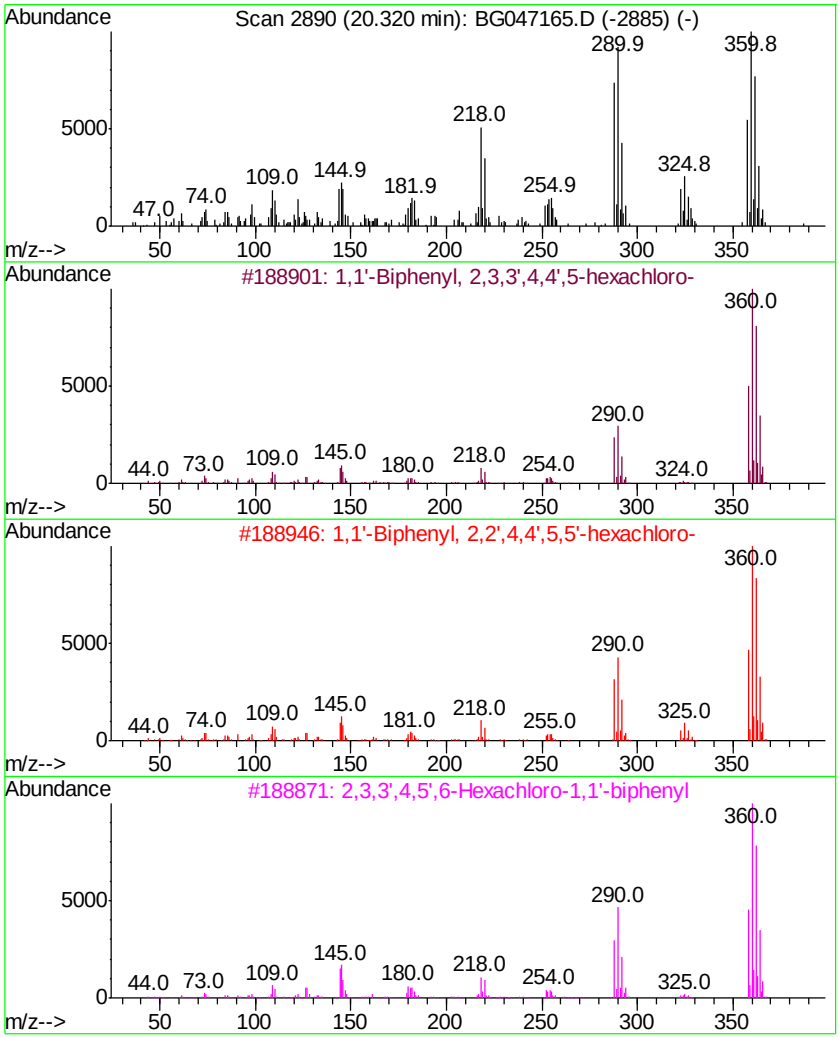
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

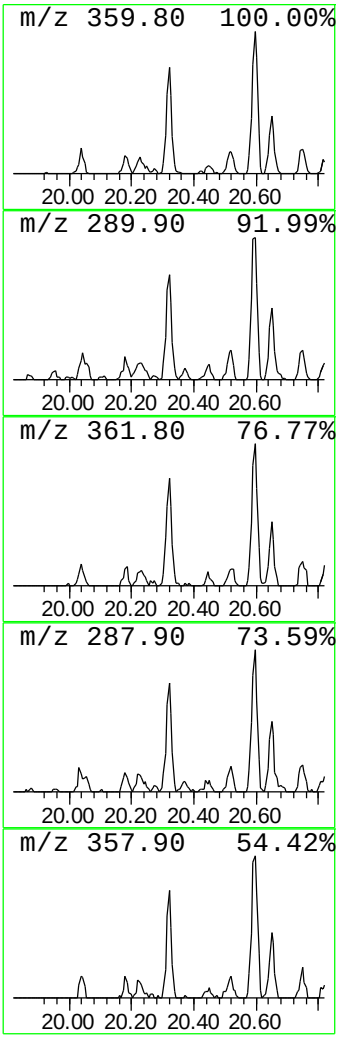
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	3.73 ng/ul	210225	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

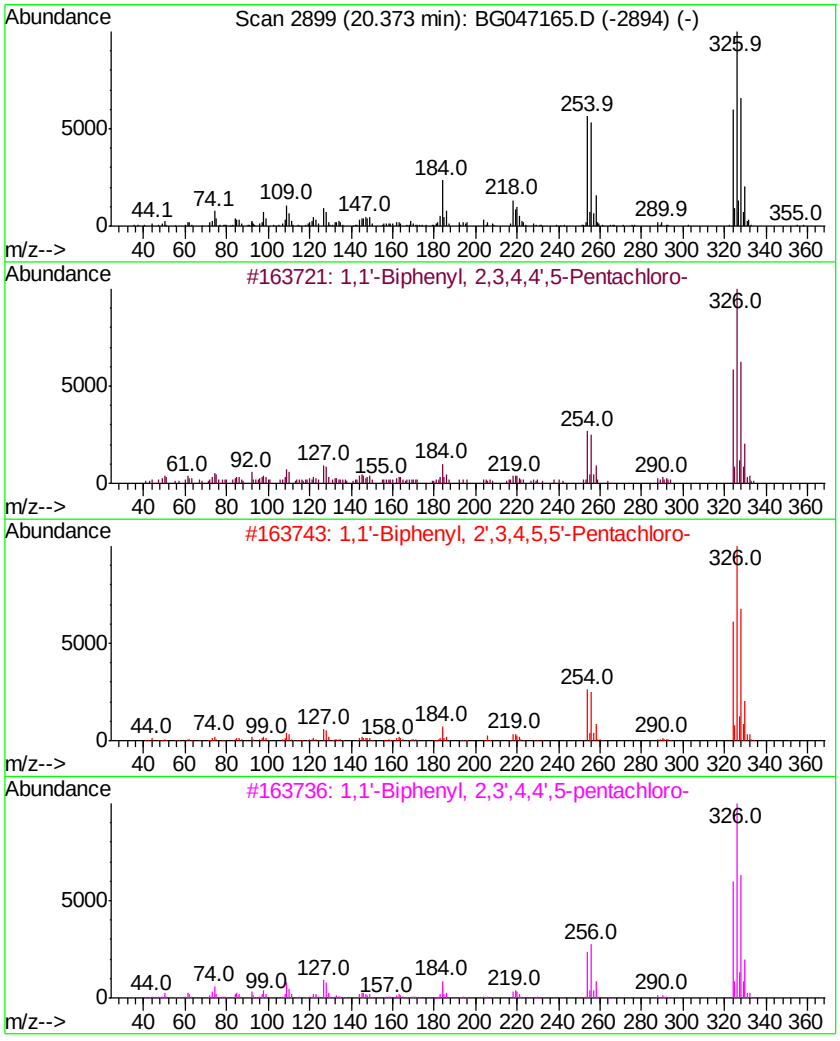
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

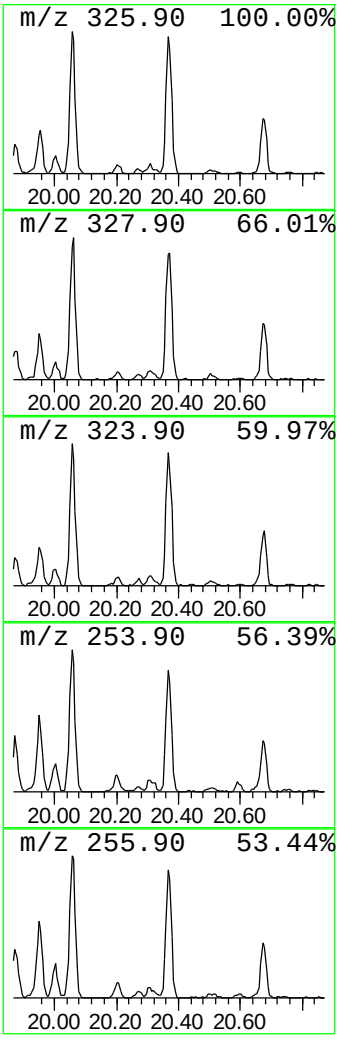
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,3,4,4',5-P... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	7.50 ng/ul	423094	Chrysene-d12	21.69

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	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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

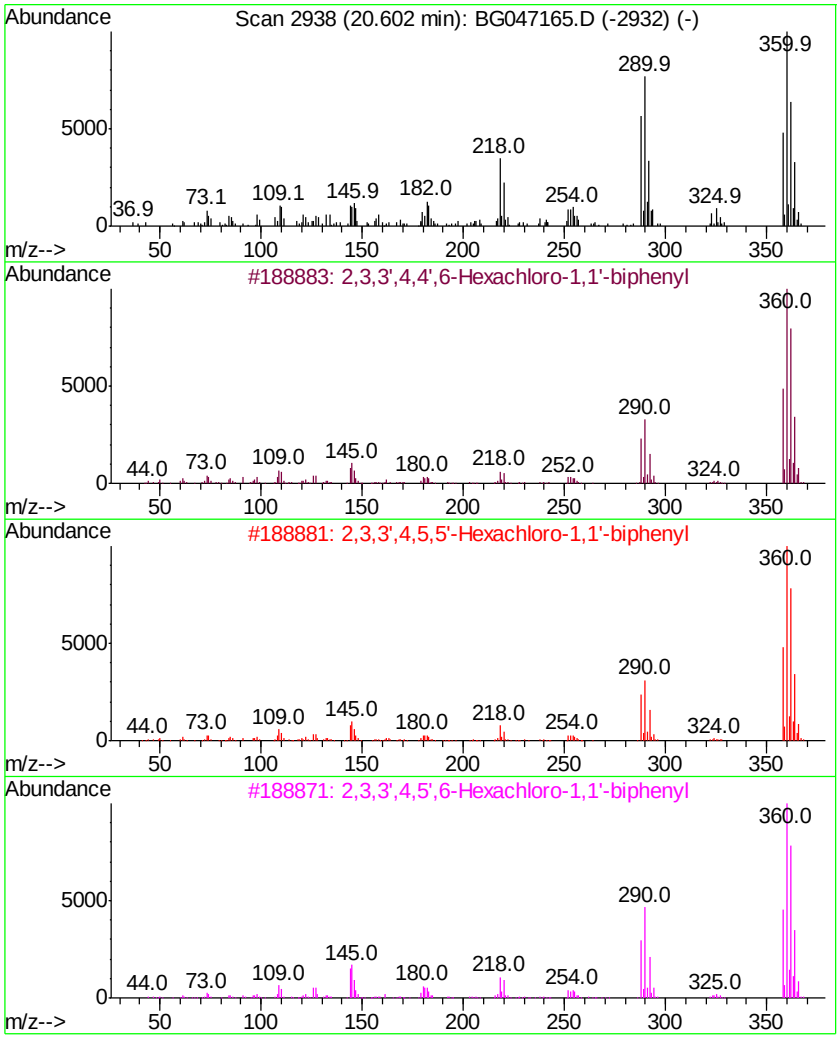
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

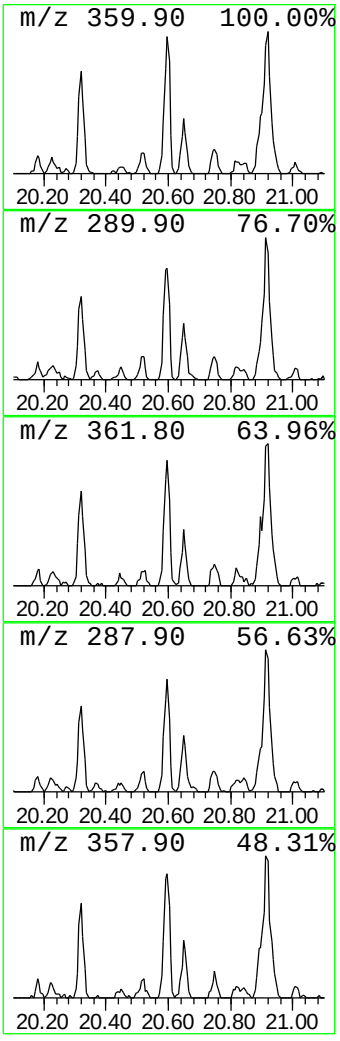
****

Peak Number 14 2,3,3',4,4',6-Hexachloro-1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	4.18 ng/ul	236034	Chrysene-d12	21.69

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

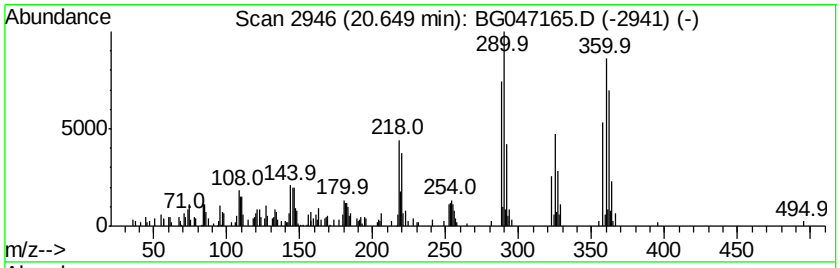
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

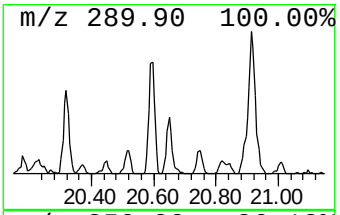
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

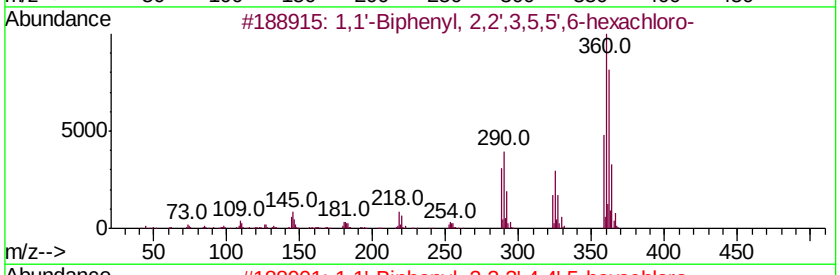
****
Peak Number 15 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 16

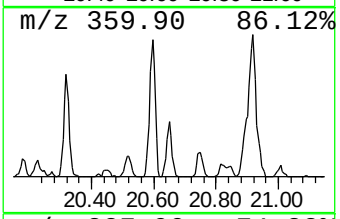
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	2.36 ng/ul	133319	Chrysene-d12	21.69

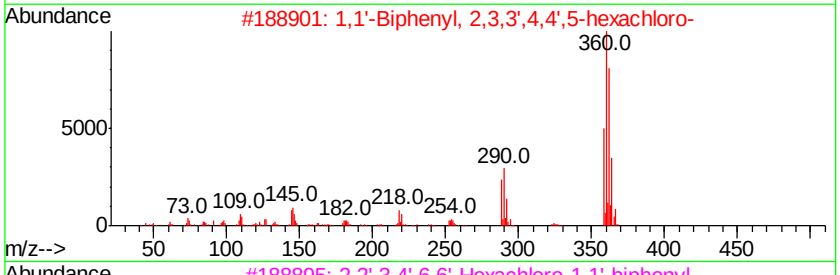
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99

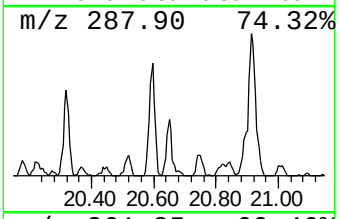


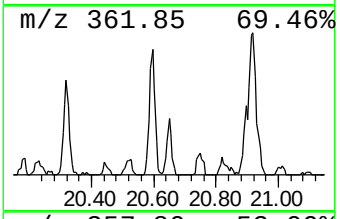


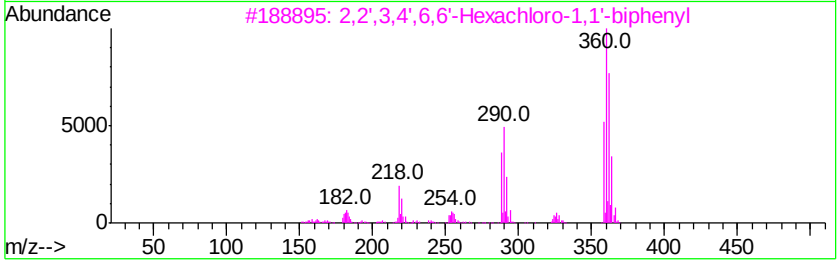


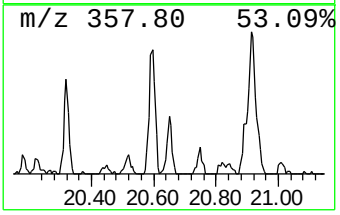












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Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

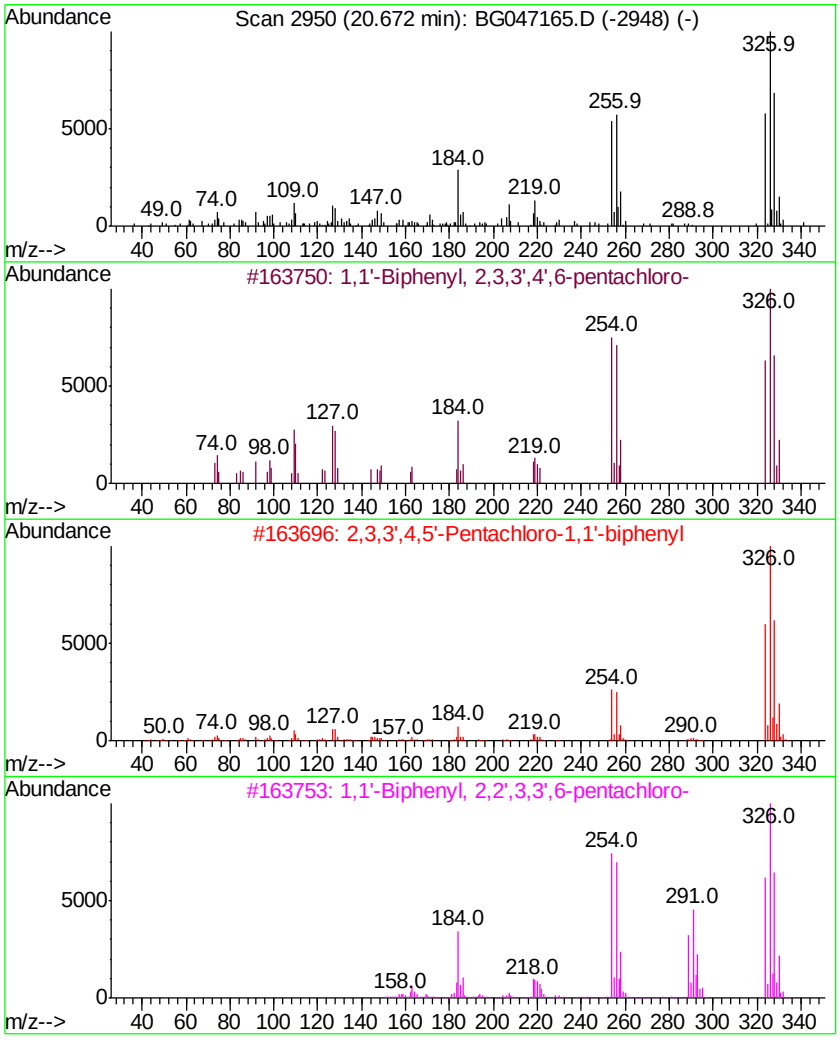
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

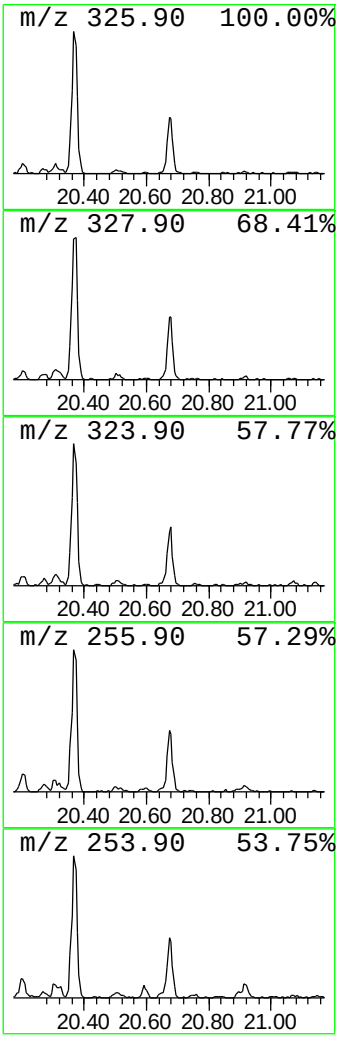
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2,3,3',4,5'-Pentachloro-1,1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	3.17 ng/ul	178594	Chrysene-d12	21.69

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	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	95
3	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	95
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

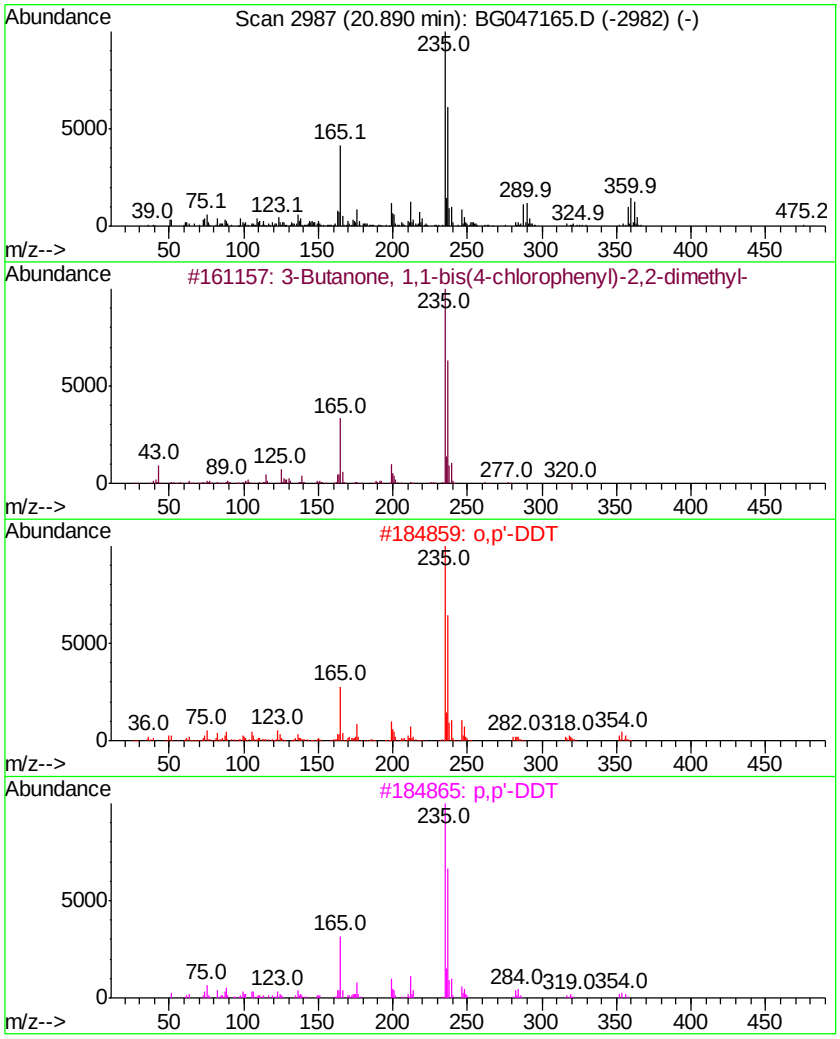
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

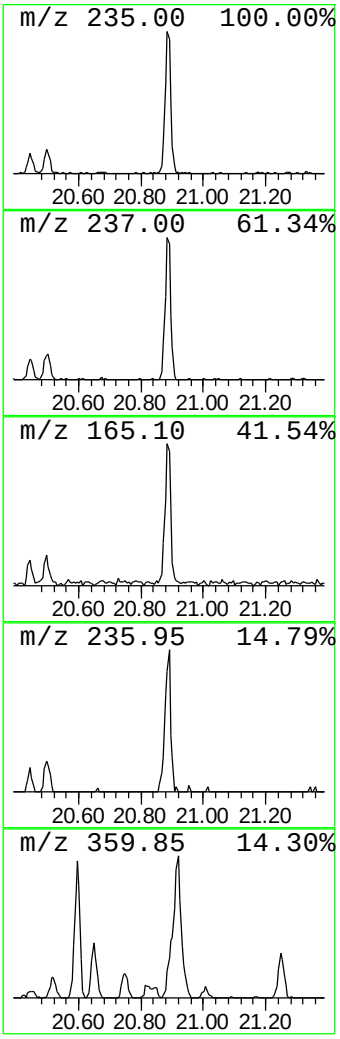
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-Butanone, 1,1-bis(4-chlor... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.17 ng/ul	291791	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	98
2	o,p'-DDT	352	C14H9Cl5	000789-02-6	97
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	95
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	93
5	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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

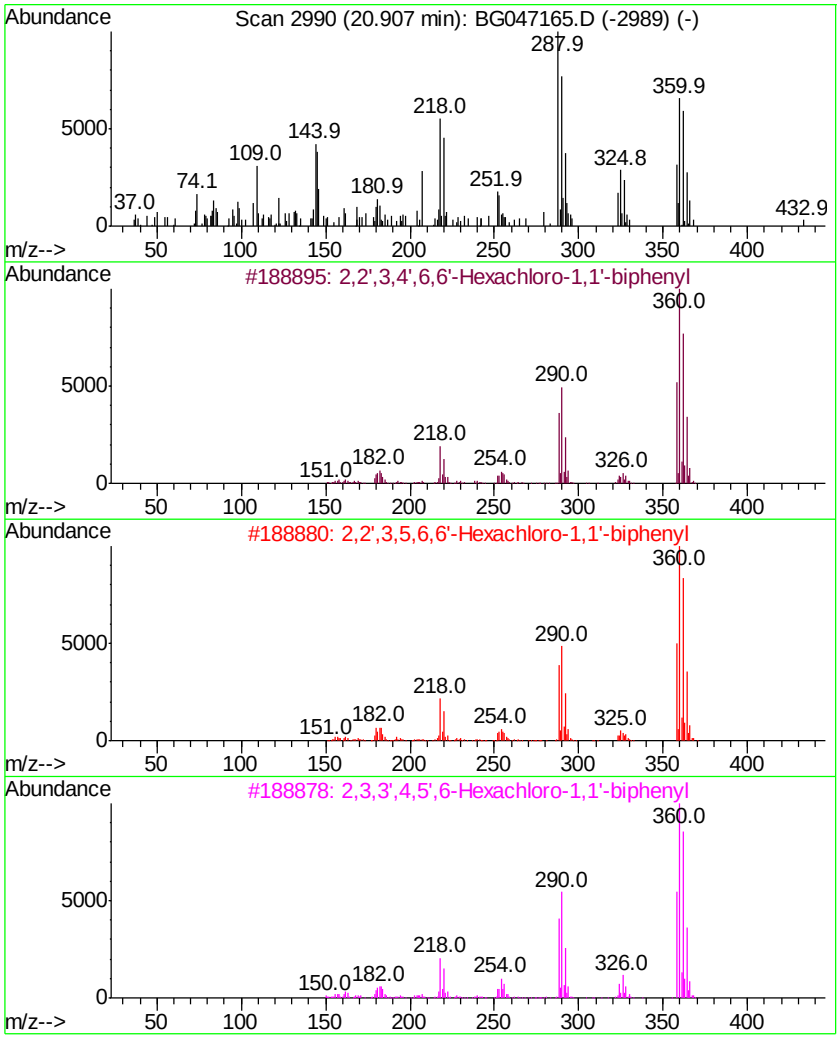
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

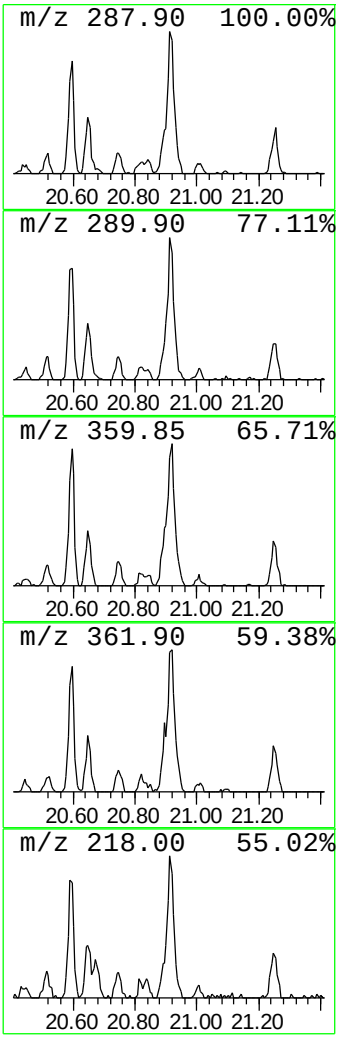
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.50 ng/ul	310565	Chrysene-d12	21.69

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	96
2	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	96
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	96
4	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	95
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047165.D
Acq On : 30 Oct 2020 22:17
Operator : CG/JU
Sample : L4507-01
Misc : GCMS CONFIRMATION
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL2

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	27.3	ng/ul	458846	1	8.05	335947	20.0
2,2',3,6-Tetrachl...	18.49	4.3	ng/ul	205993	4	17.43	946546	20.0
3,3',4,5-Tetrachl...	18.77	2.0	ng/ul	95267	4	17.43	946546	20.0
1,1'-Biphenyl, 3,...	19.30	3.0	ng/ul	143325	4	17.43	946546	20.0
1,1'-Biphenyl, 2,...	19.33	7.1	ng/ul	335831	4	17.43	946546	20.0
2,2',3,4',6-Penta...	19.54	2.0	ng/ul	96026	4	17.43	946546	20.0
2,2',3,6,6'-Penta...	19.61	8.9	ng/ul	503497	5	21.69	1128330	20.0
1,1'-Biphenyl, 2,...	19.68	3.1	ng/ul	177864	5	21.69	1128330	20.0
1,1'-Biphenyl, 2,...	19.87	2.4	ng/ul	133550	5	21.69	1128330	20.0
2,2',3,4',5-Penta...	19.95	4.1	ng/ul	232504	5	21.69	1128330	20.0
1,1'-Biphenyl, 2,...	20.06	9.0	ng/ul	509652	5	21.69	1128330	20.0
1,1'-Biphenyl, 2,...	20.32	3.7	ng/ul	210225	5	21.69	1128330	20.0
1,1'-Biphenyl, 2,...	20.37	7.5	ng/ul	423094	5	21.69	1128330	20.0
2,3,3',4,4',6-Hex...	20.60	4.2	ng/ul	236034	5	21.69	1128330	20.0
1,1'-Biphenyl, 2,...	20.65	2.4	ng/ul	133319	5	21.69	1128330	20.0
2,3,3',4,5'-Penta...	20.67	3.2	ng/ul	178594	5	21.69	1128330	20.0
3-Butanone, 1,1-b...	20.89	5.2	ng/ul	291791	5	21.69	1128330	20.0
2,2',3,4',6,6'-He...	20.91	5.5	ng/ul	310565	5	21.69	1128330	20.0