LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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	3.390	5	9	18	rVB	432309	483263	41.60%	4.845%
2	3.449	18	19	24	rBV2	2194	2176	0.19%	0.022%
3	3.707	62	63	65	rBV2	1938	1654	0.14%	0.017%
4	3.736	65	68	74	rVB2	11535	16032	1.38%	0.161%
5	4.112	130	132	134	rBV	1398	1487	0.13%	0.015%
6	4.212	144	149	153	rVB3	3095	4559	0.39%	0.046%
7	4.624	216	219	222	rBV	1173	1462	0.13%	0.015%
8	5.147	304	308	310	rBV	1064	1516	0.13%	0.015%
9	6.057	459	463	466	rVB2	1420	1666	0.14%	0.017%
10	6.098	466	470	472	rBV2	990	1378	0.12%	0.014%
11	6.474	531	534	536	rBV	1466	1554	0.13%	0.016%
12	7.743	744	750	751	rBV2	1091	1972	0.17%	0.020%
13	8.055	796	803	813	rBV	198615	343305	29.55%	3.442%
14	9.024	962	968	970	rBV	1315	1756	0.15%	0.018%
15	9.077	975	977	980	rBV	1375	1541	0.13%	0.015%
16	9.318	1016	1018	1022	rBV	1201	1718	0.15%	0.017%
17	10.288	1181	1183	1188	rBV2	1126	1440	0.12%	0.014%
18	10.546	1225	1227	1228	rBV	2211	1361	0.12%	0.014%
19	10.863	1273	1281	1292	rBV	260378	473448	40.75%	4.746%
20	11.098	1319	1321	1324	rBV	1218	1423	0.12%	0.014%
21	11.122	1324	1325	1328	rVB2	2208	1599	0.14%	0.016%
22	11.768	1431	1435	1437	rVB	1421	1775	0.15%	0.018%
23	12.708	1593	1595	1600	rVB	1297	1383	0.12%	0.014%
24	13.754	1770	1773	1777	rVB2	1182	1675	0.14%	0.017%
25	14.682	1925	1931	1941	rBV	468481	761186	65.52%	7.631%
26	15.006	1981	1986	1987	rVB2	1774	1910	0.16%	0.019%
27	15.323	2036	2040	2043	rVB	1051	1337	0.12%	0.013%
28	15.417	2053	2056	2059	rBV2	1007	1393	0.12%	0.014%
29	15.887	2132	2136	2140	rVB2	1120	1729	0.15%	0.017%
30	16.386	2217	2221	2222	rBV2	1837	1944	0.17%	0.019%
31	16.580	2252	2254	2256	rBV	1926	1426	0.12%	0.014%
32	16.727	2276	2279	2283	rVB3	2565	3022	0.26%	0.030%
33	16.991	2322	2324	2326	rBV	1413	1529	0.13%	0.015%
34	17.050	2329	2334	2335	rVV3	1543	2629	0.23%	0.026%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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	17.068	2335	2337	2340	rVB3	1538	1654	0.14%	0.017%
36	17.221	2360	2363	2365	rBV2	1997	2109	0.18%	0.021%
37	17.332	2379	2382	2386	rVB	1380	1923	0.17%	0.019%
38	17.432	2393	2399	2411	rBV	640052	970010	83.49%	9.725%
39	17.526	2413	2415	2416	rBV	2472	2157	0.19%	0.022%
40	17.573	2422	2423	2425	rBV	1725	1564	0.13%	0.016%
41	17.808	2460	2463	2464	rVB	1480	1374	0.12%	0.014%
42	17.826	2464	2466	2468	rBV2	1966	1373	0.12%	0.014%
43	17.979	2490	2492	2495	rVB	1624	1666	0.14%	0.017%
44	18.037	2495	2502	2506	rBV3	7184	15130	1.30%	0.152%
45	18.108	2512	2514	2517	rVB2	1792	1738	0.15%	0.017%
46	18.143	2517	2520	2522	rBV3	3493	3848	0.33%	0.039%
47	18.278	2540	2543	2544	rBV2	4058	3442	0.30%	0.035%
48	18.313	2548	2549	2551	rVV2	2757	1856	0.16%	0.019%
49	18.343	2552	2554	2558	rVB2	2065	2061	0.18%	0.021%
50	18.425	2566	2568	2570	rBV	2165	2304	0.20%	0.023%
51	18.496	2575	2580	2585	rVV	121657	159154	13.70%	1.596%
52	18.554	2587	2590	2594	rVV3	29702	37453	3.22%	0.375%
53	18.595	2594	2597	2602	rVB5	8187	11809	1.02%	0.118%
54	18.672	2606	2610	2611	rBV3	2087	1798	0.15%	0.018%
55	18.689	2611	2613	2616	rBV2	2127	1421	0.12%	0.014%
56	18.778	2624	2628	2633	rBV2	54143	75652	6.51%	0.758%
57	18.825	2633	2636	2640	rVV4	4896	5566	0.48%	0.056%
58	18.907	2648	2650	2651	rBV	5338	3760	0.32%	0.038%
59	18.954	2654	2658	2662	rVB2	19461	27067	2.33%	0.271%
60	18.989	2662	2664	2665	rBV2	1544	1343	0.12%	0.013%
61	19.054	2673	2675	2678	rVB2	4478	3849	0.33%	0.039%
62	19.101	2681	2683	2684	rBV2	3021	2070	0.18%	0.021%
63	19.195	2696	2699	2702	rBV4	3810	4573	0.39%	0.046%
64	19.259	2702	2710	2713	rVV2	25757	38828	3.34%	0.389%
65	19.306	2713	2718	2720	rVV	82999	119315	10.27%	1.196%
66	19.336	2720	2723	2729	rVV2	220907	303879	26.16%	3.046%
67	19.418	2732	2737	2742	rVB3	31977	42845	3.69%	0.430%
68	19.536	2754	2757	2765	rBV5	49393	88434	7.61%	0.887%
69	19.612	2765	2770	2777	rVB	351534	475530	40.93%	4.767%
70	19.682	2777	2782	2786	rBV	116189	154231	13.27%	1.546%
71	19.724	2786	2789	2793	rBV2	14838	16632	1.43%	0.167%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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	19.806	2800	2803	2806	rBV4	24361	28625	2.46%	0.287%
73	19.876	2811	2815	2820	rVV2	101217	143995	12.39%	1.444%
74	19.953	2824	2828	2832	rVV2	169680	219528	18.90%	2.201%
75	20.000	2832	2836	2840	rVV2	53476	74829	6.44%	0.750%
76	20.058	2840	2846	2851	rVB	364059	478832	41.21%	4.800%
77	20.182	2863	2867	2868	rBV3	32703	35246	3.03%	0.353%
78	20.270	2879	2882	2885	rVB4	15913	18541	1.60%	0.186%
79	20.323	2885	2891	2895	rBV2	160835	225634	19.42%	2.262%
80	20.370	2895	2899	2905	rVB	317386	400283	34.45%	4.013%
81	20.446	2909	2912	2917	rVB6	16576	23402	2.01%	0.235%
82	20.517	2919	2924	2929	rVB6	36457	58228	5.01%	0.584%
83	20.593	2933	2937	2942	rVB	193803	233255	20.08%	2.338%
84	20.652	2942	2947	2949	rBV	95943	139570	12.01%	1.399%
85	20.675	2949	2951	2956	rVB2	147452	160449	13.81%	1.609%
86	20.752	2960	2964	2970	rVB5	49068	79332	6.83%	0.795%
87	20.822	2972	2976	2978	rBV4	23899	33652	2.90%	0.337%
88	20.916	2984	2992	3001	rVB	231369	422097	36.33%	4.232%
89	21.010	3005	3008	3012	rVB5	20099	22873	1.97%	0.229%
90	21.251	3045	3049	3054	rVB3	72282	102973	8.86%	1.032%
91	21.380	3068	3071	3074	rVB5	12131	13205	1.14%	0.132%
92	21.545	3096	3099	3103	rVB6	38381	49303	4.24%	0.494%
93	21.698	3119	3125	3138	rBV2	674765	1161824	100.00%	11.648%
94	22.144	3197	3201	3208	rVB10	20707	36530	3.14%	0.366%
95	24.935	3665	3676	3688	rVB2	382350	1093829	94.15%	10.966%

Sum of corrected areas: 9974701

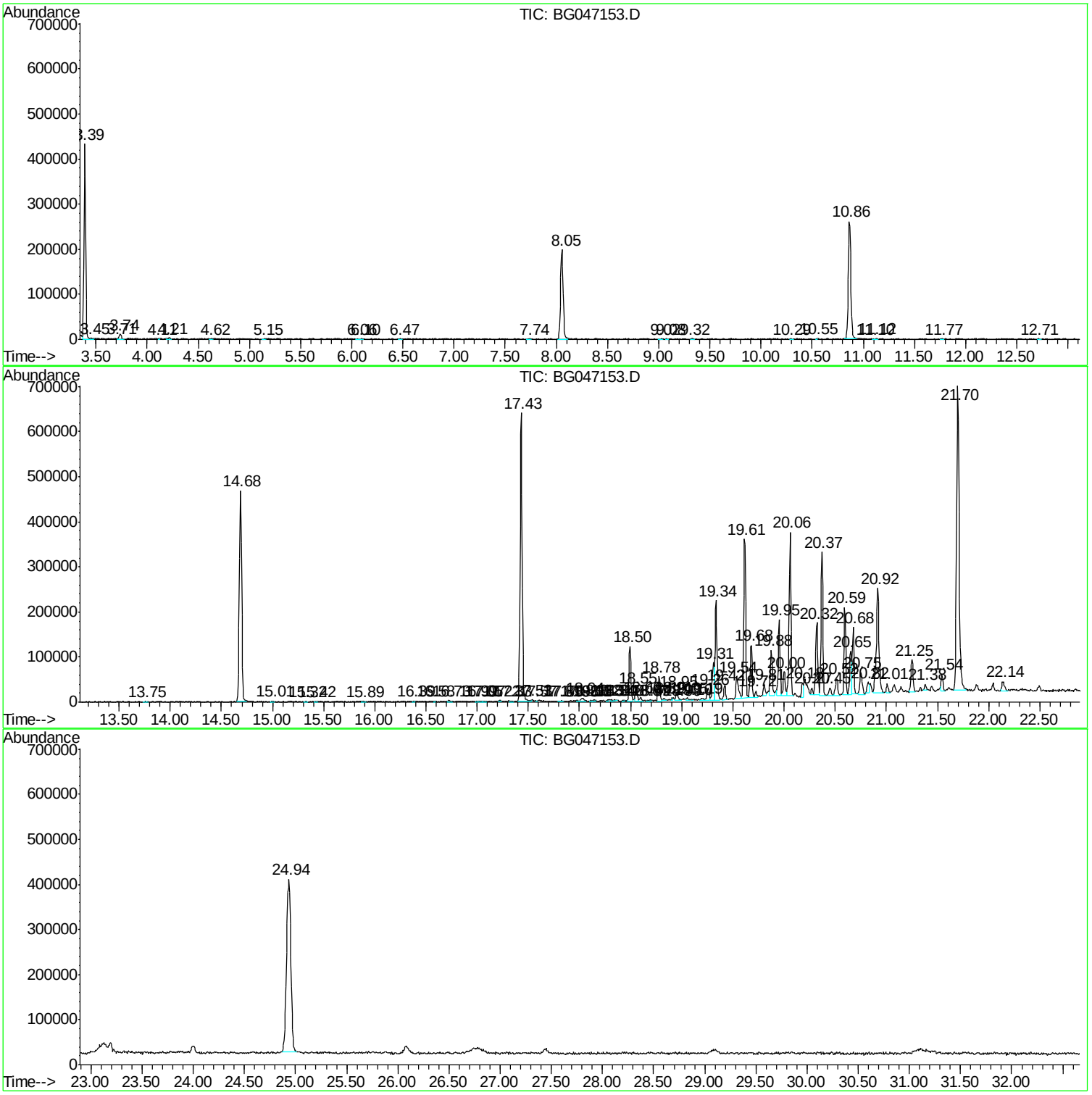
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF1

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 : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

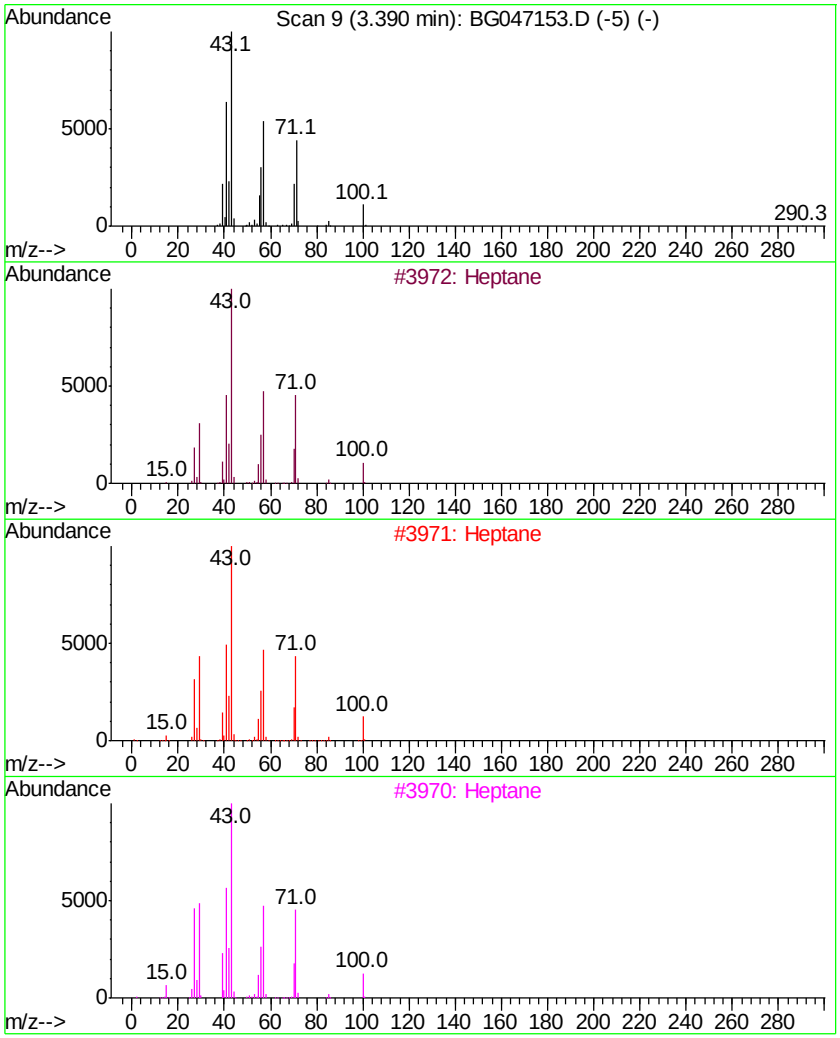
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

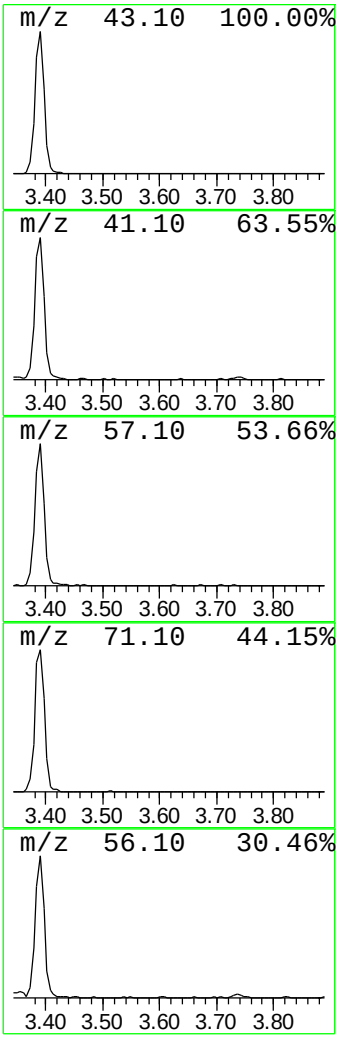
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	28.15 ng/ul	483263	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	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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

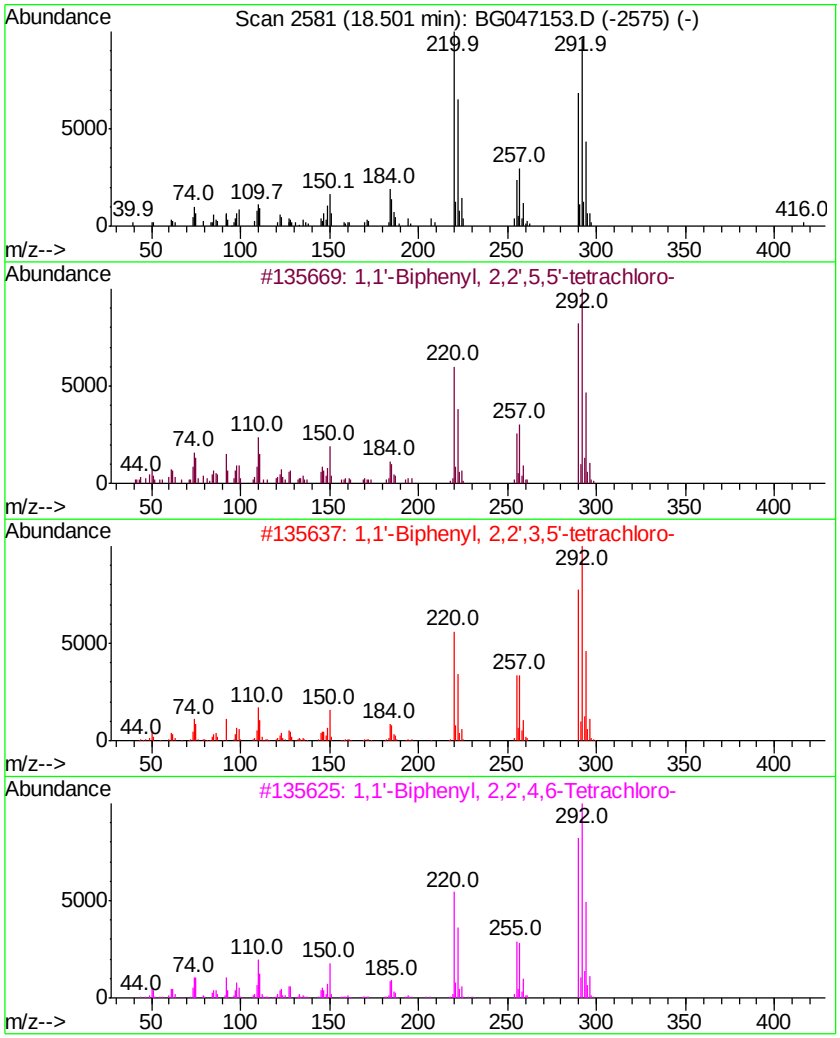
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

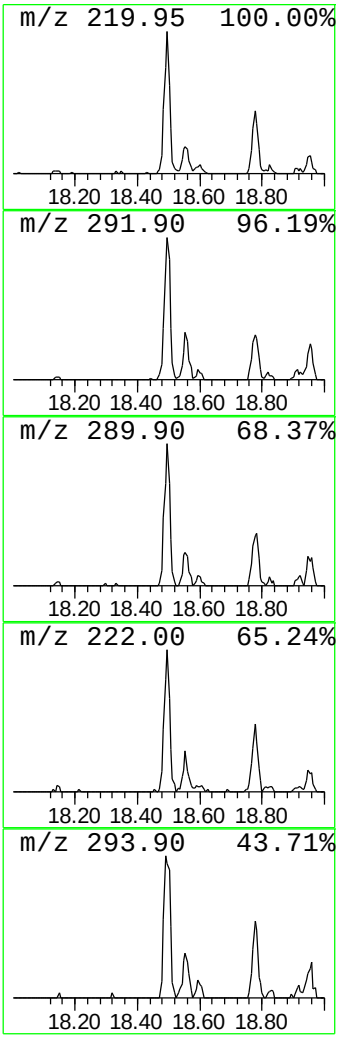
****

Peak Number 2 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.28 ng/ul	159154	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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

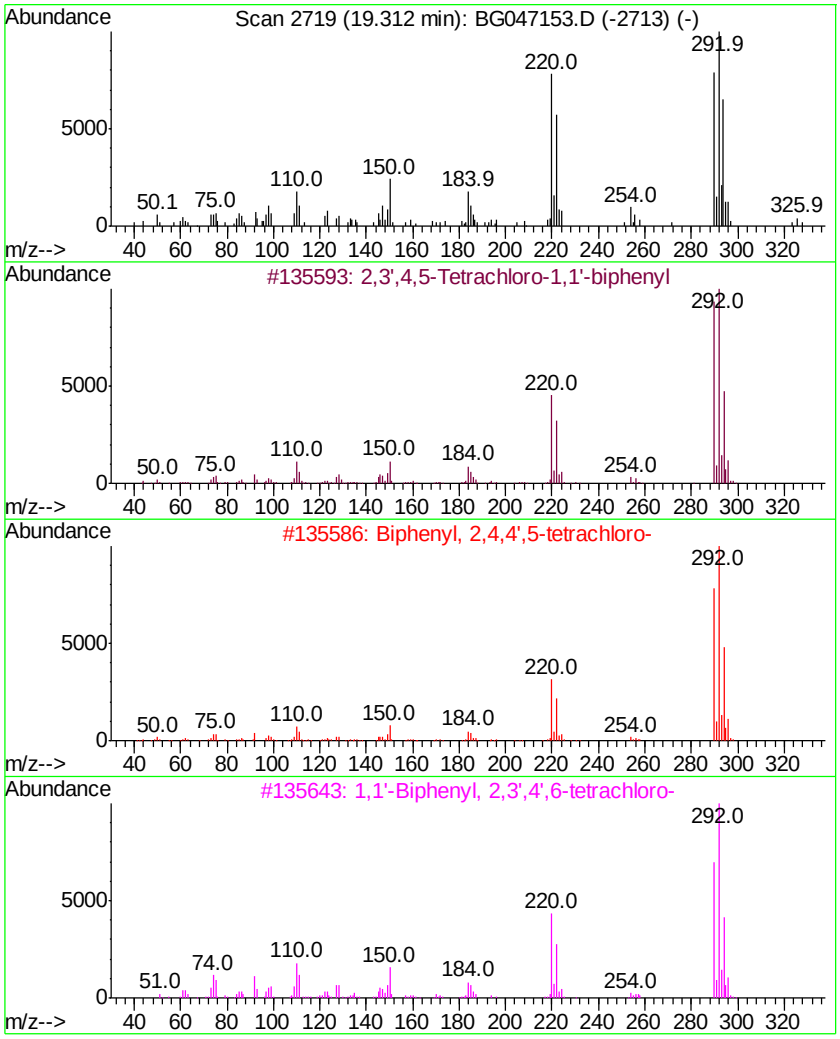
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

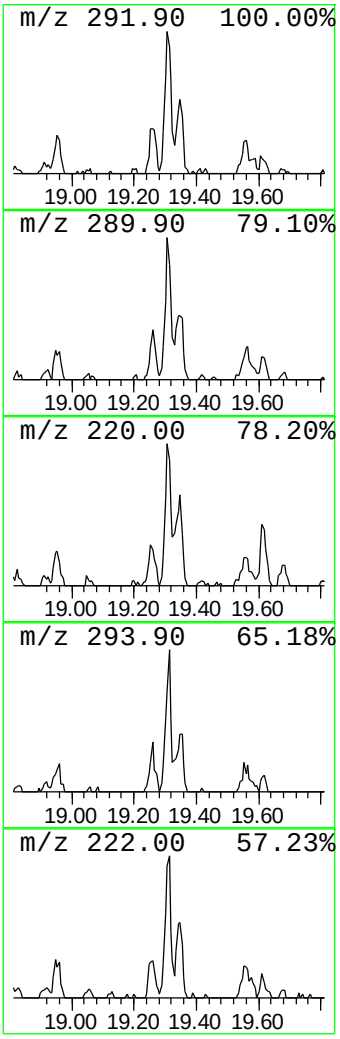
****

Peak Number 3 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.46 ng/ul	119315	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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

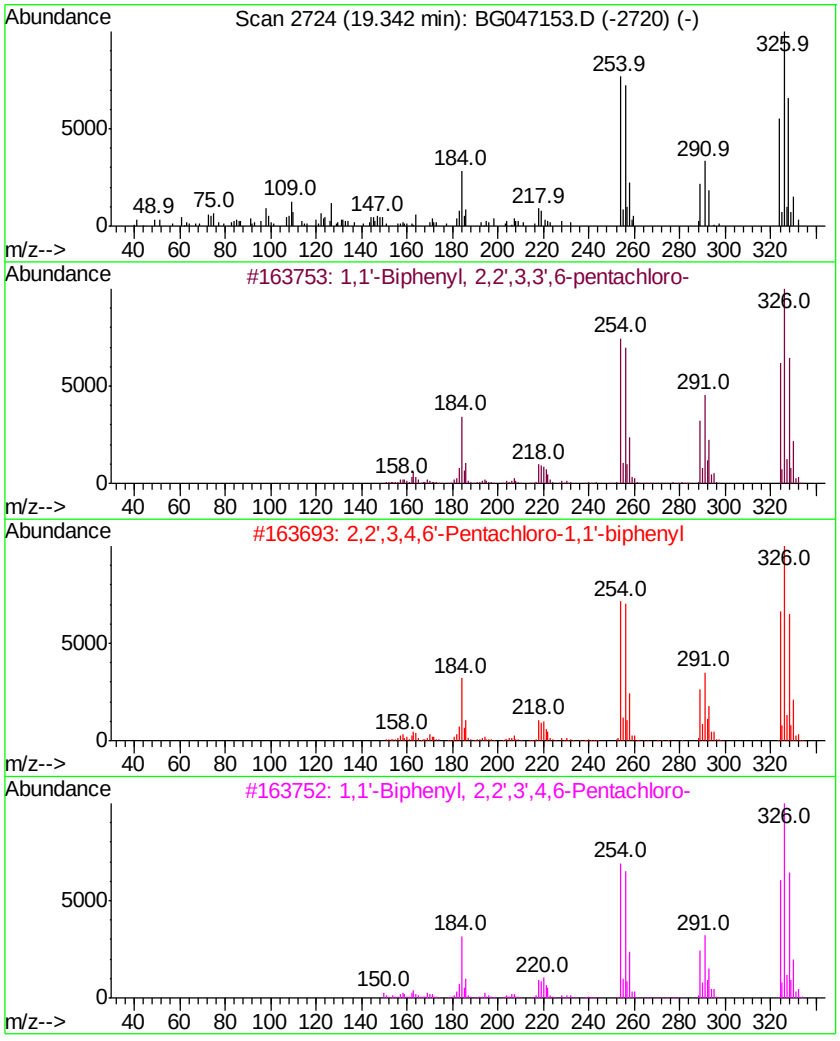
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

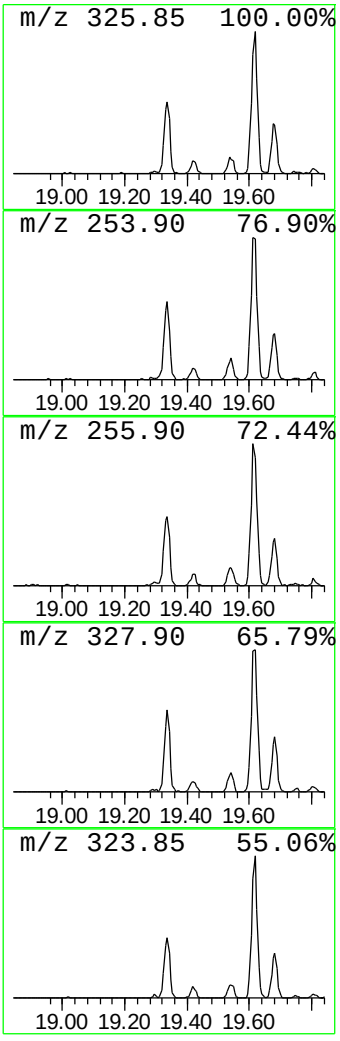
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	6.27 ng/ul	303879	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	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
4	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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

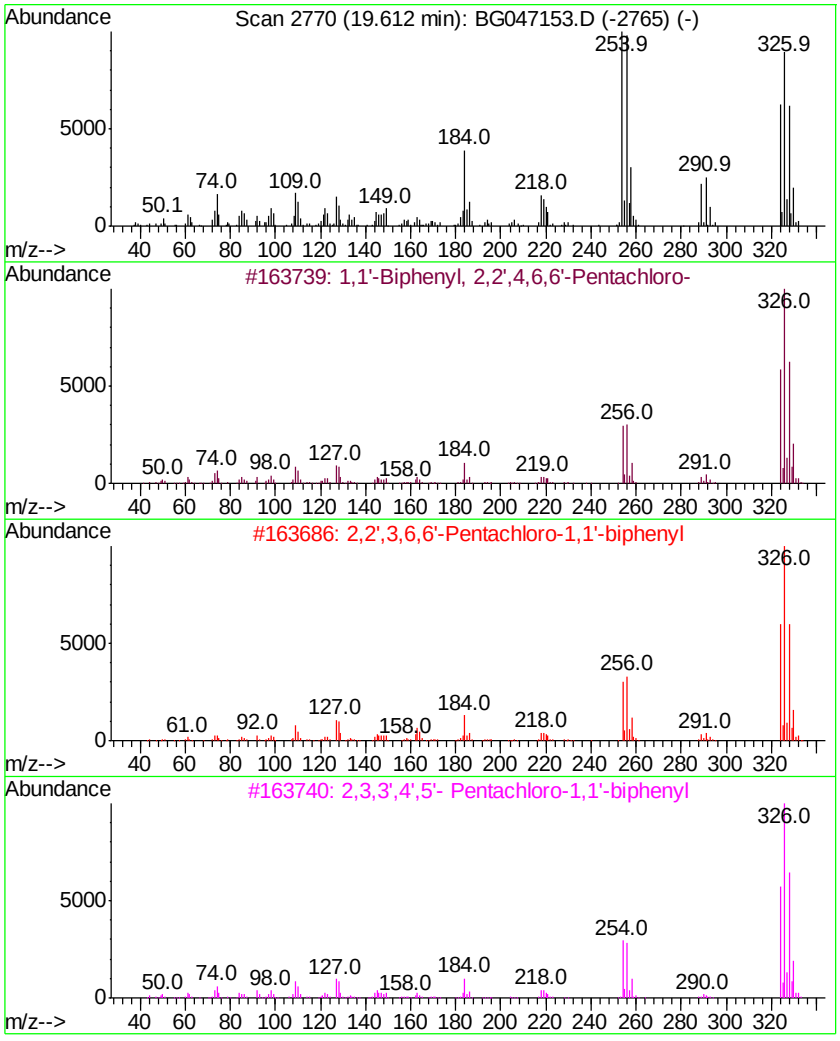
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

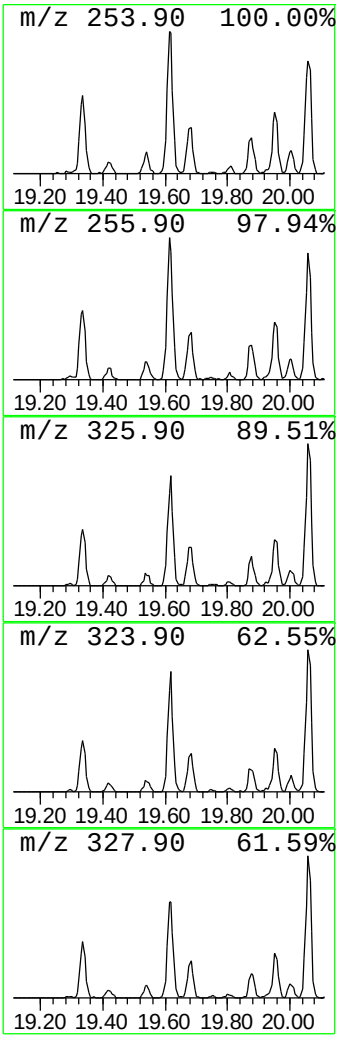
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	8.19 ng/ul	475530	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	95
4	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	95
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95





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Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

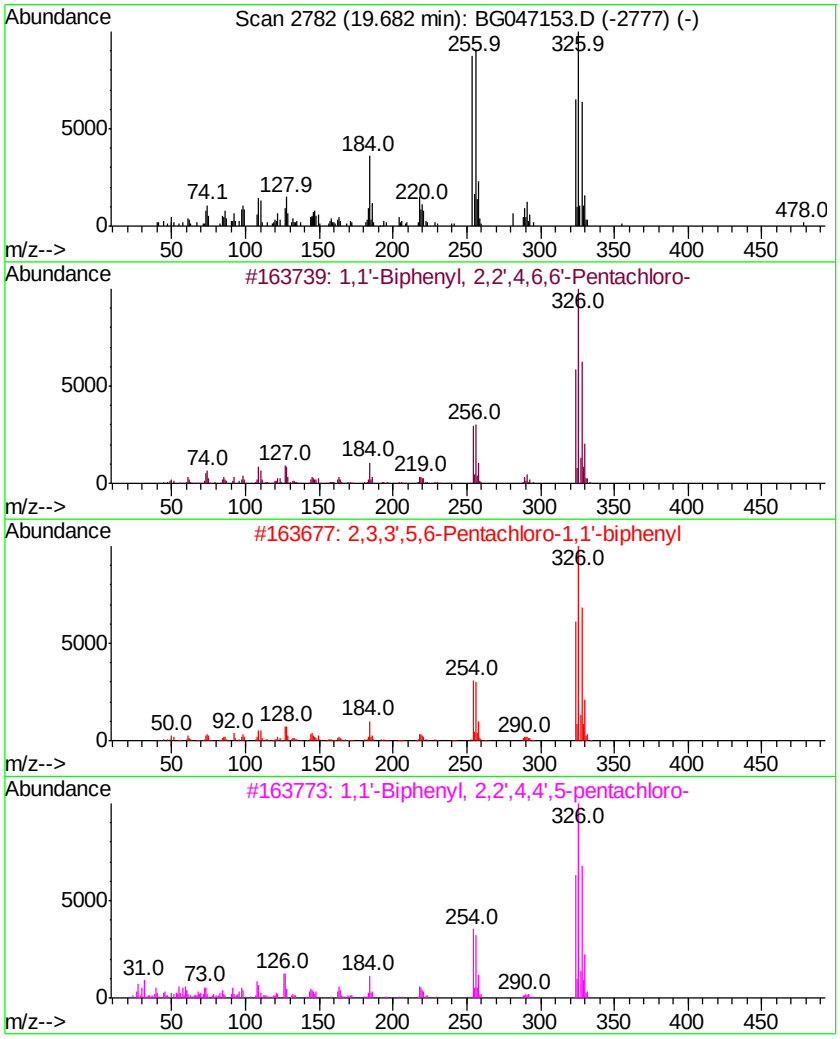
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

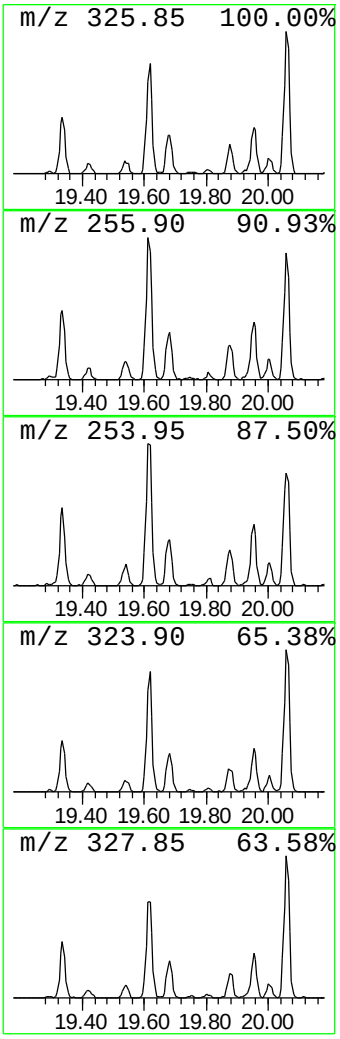
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.65 ng/ul	154231	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	98





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Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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Quant Title : SVOA CALIBRATION

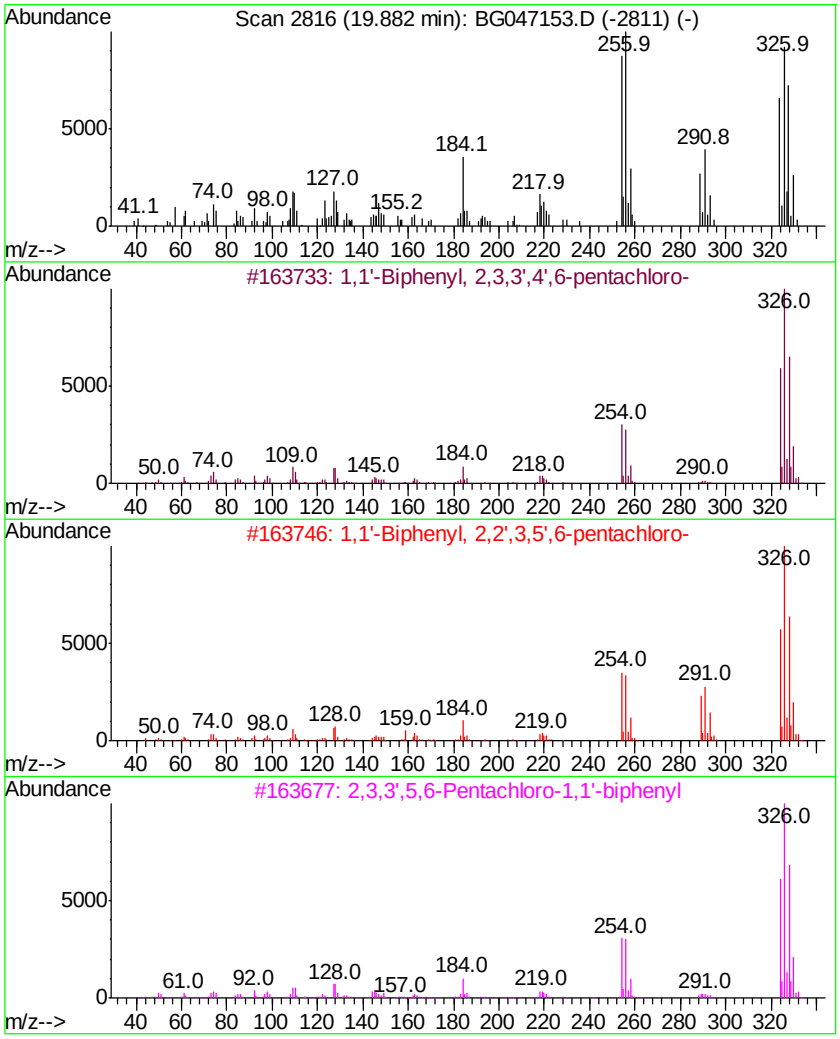
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

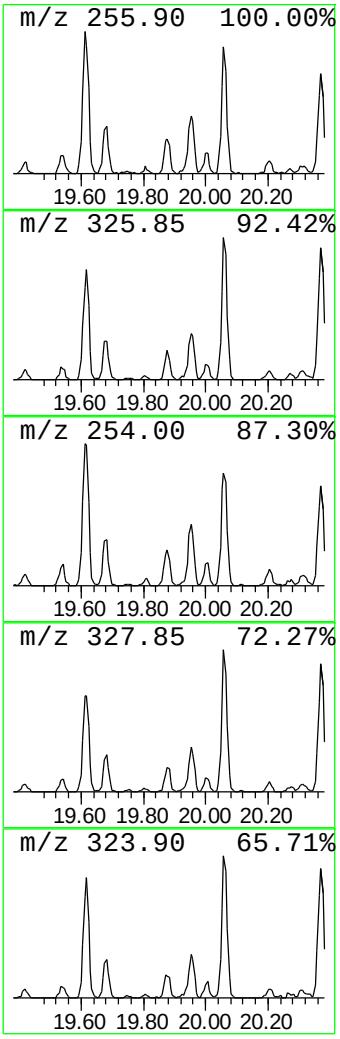
****

Peak Number 7 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.48 ng/ul	143995	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',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	96
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96





Library Search Compound Report

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Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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Quant Title : SVOA CALIBRATION

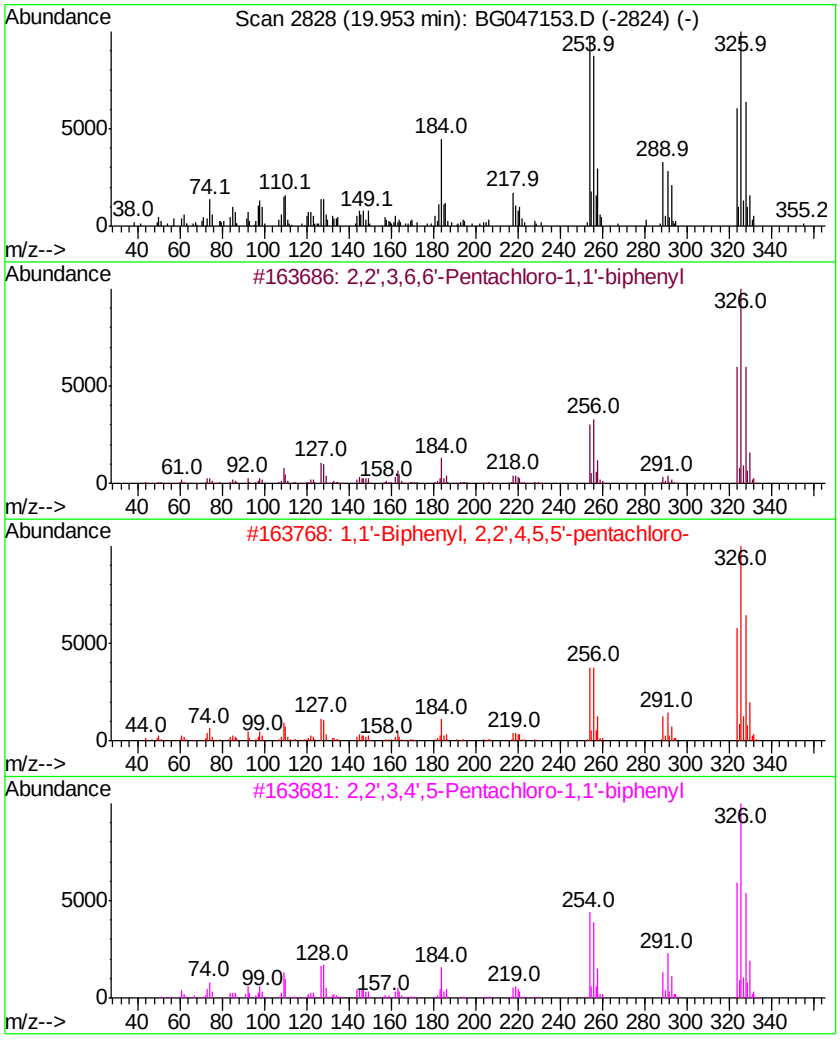
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

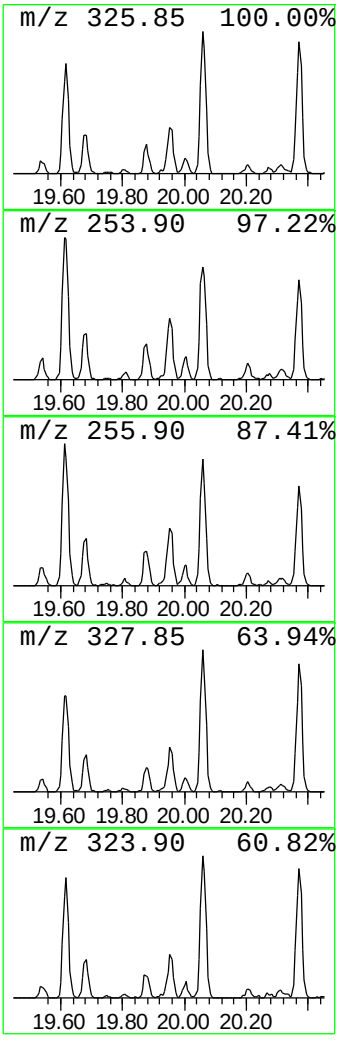
****

Peak Number 8 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	3.78 ng/ul	219528	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, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





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Data File : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

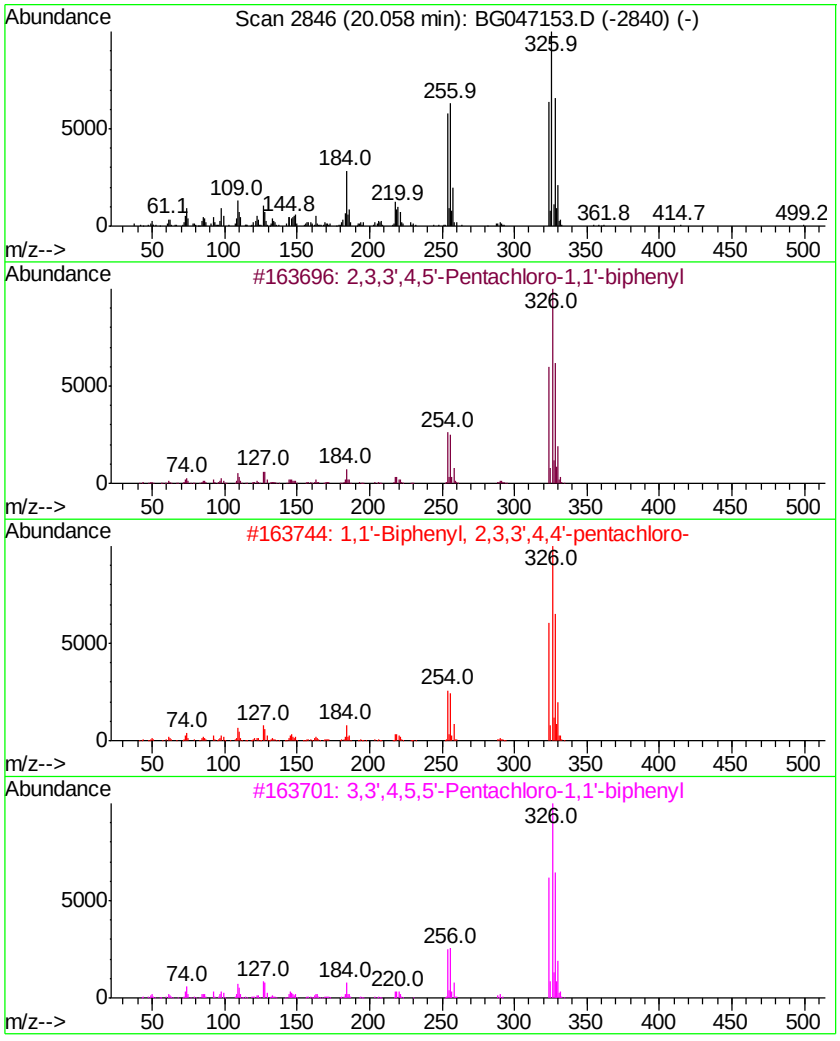
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

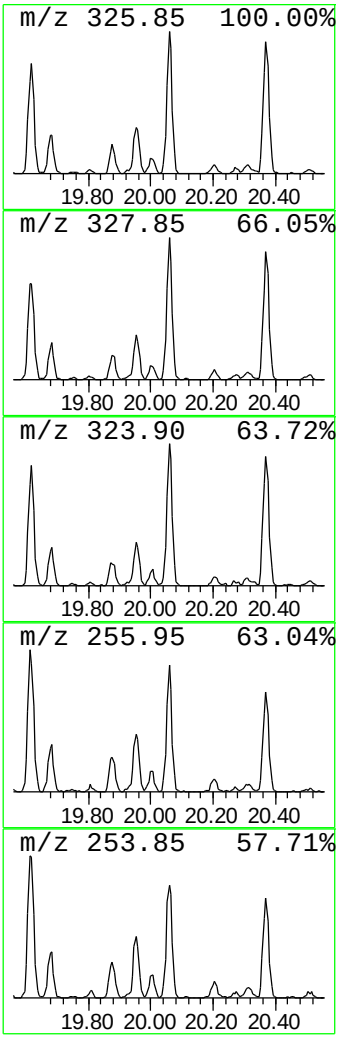
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	8.24 ng/ul	478832	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	97
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	96
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96





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Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

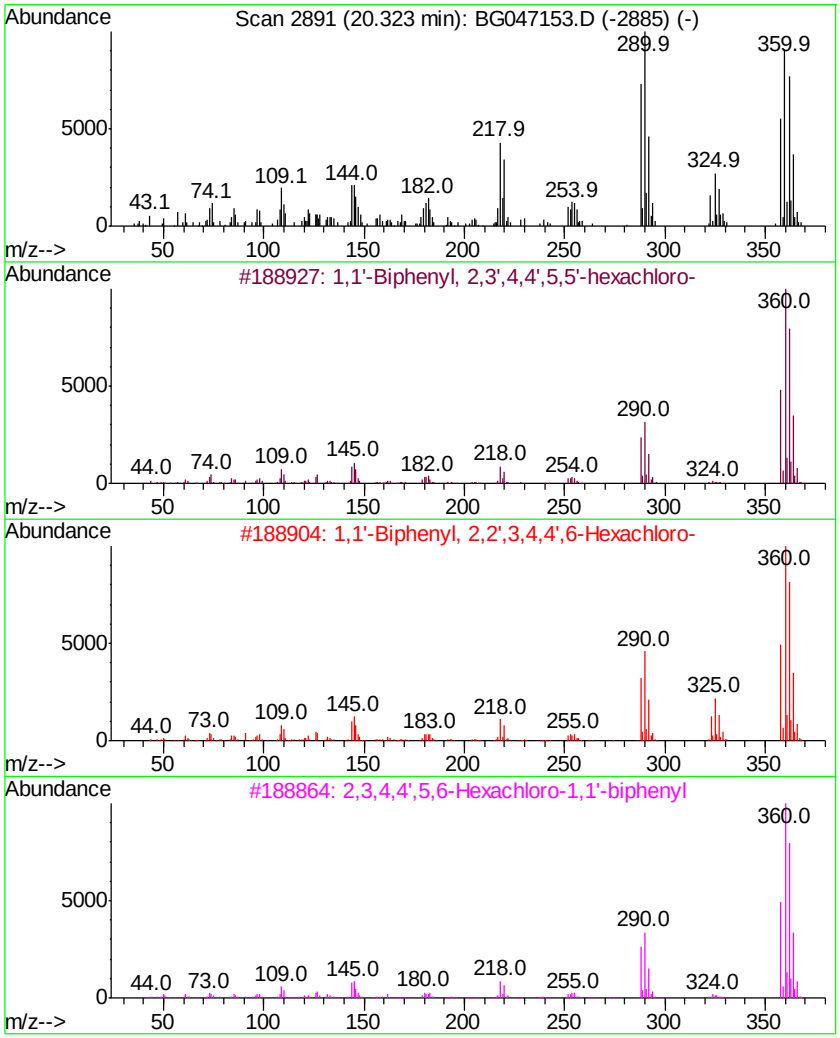
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

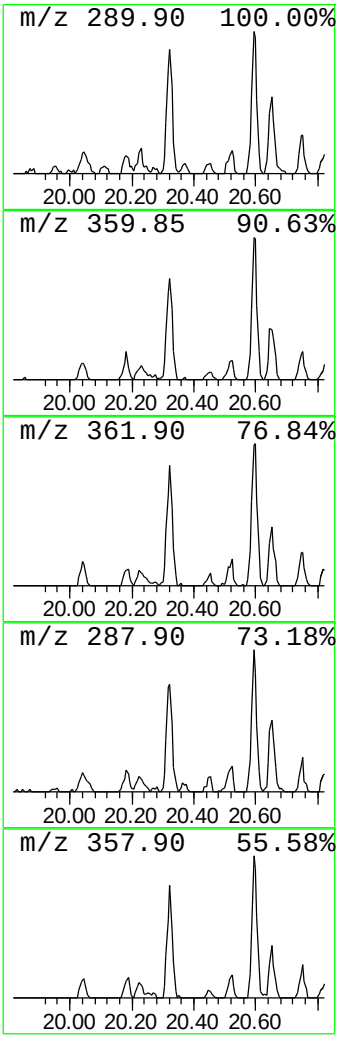
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	3.88 ng/ul	225634	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	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
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Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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

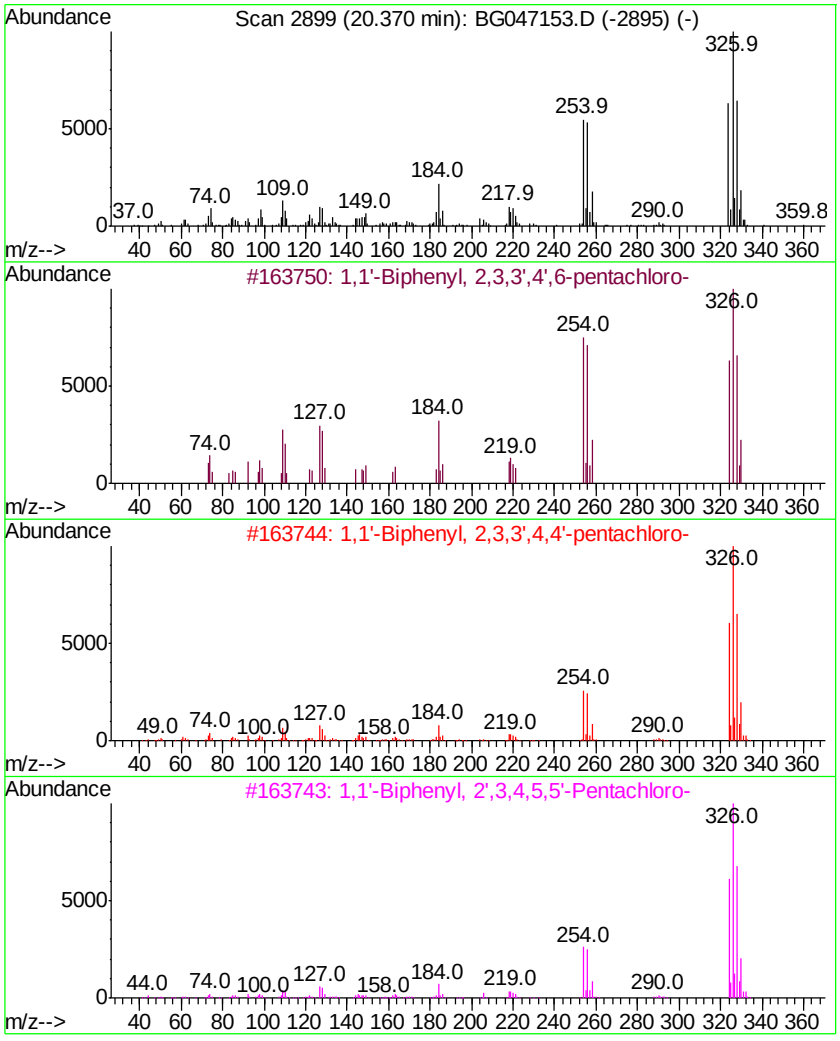
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

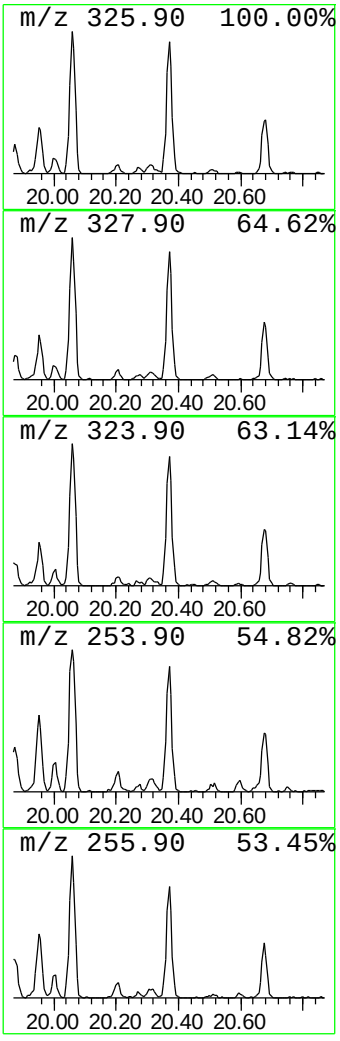
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	6.89 ng/ul	400283	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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	97
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
5	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	96





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Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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

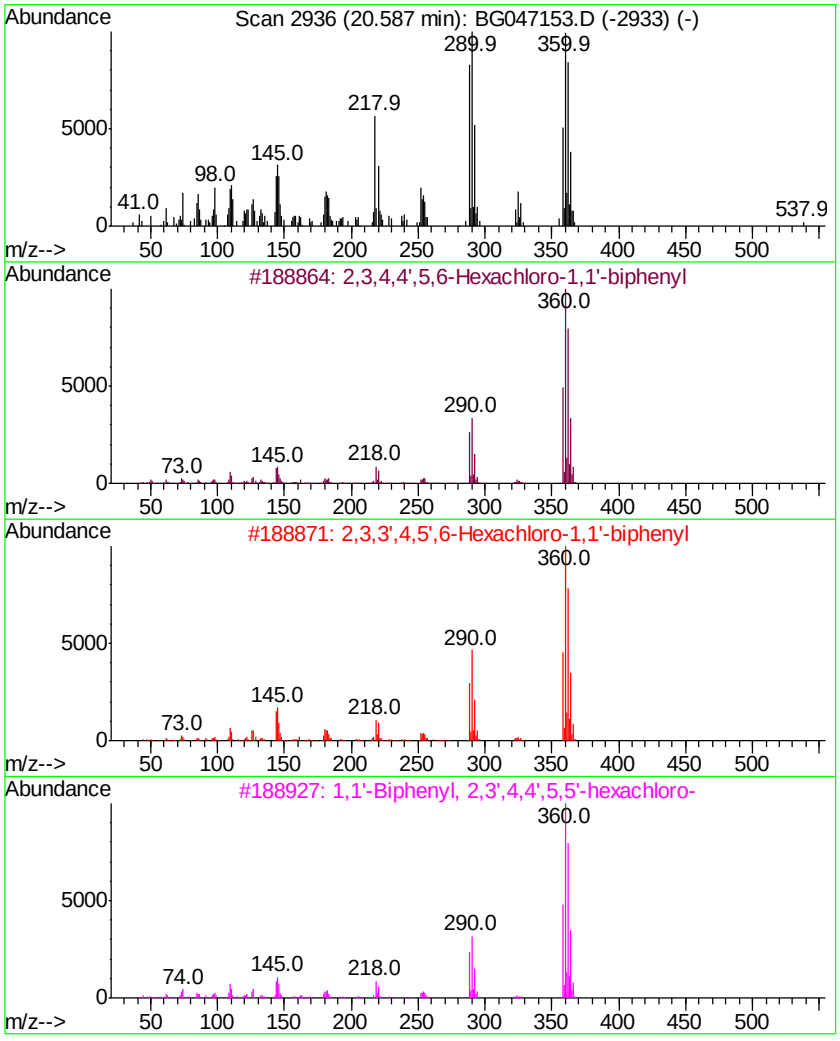
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

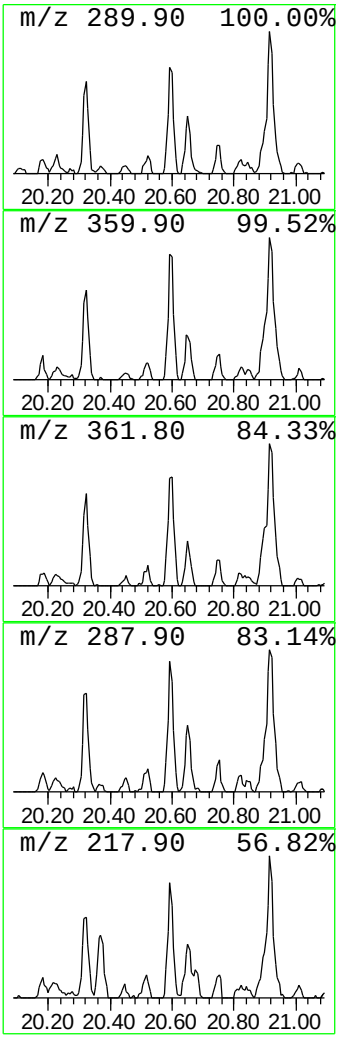
****

Peak Number 12 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	4.02 ng/ul	233255	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99





Library Search Compound Report

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Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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Quant Title : SVOA CALIBRATION

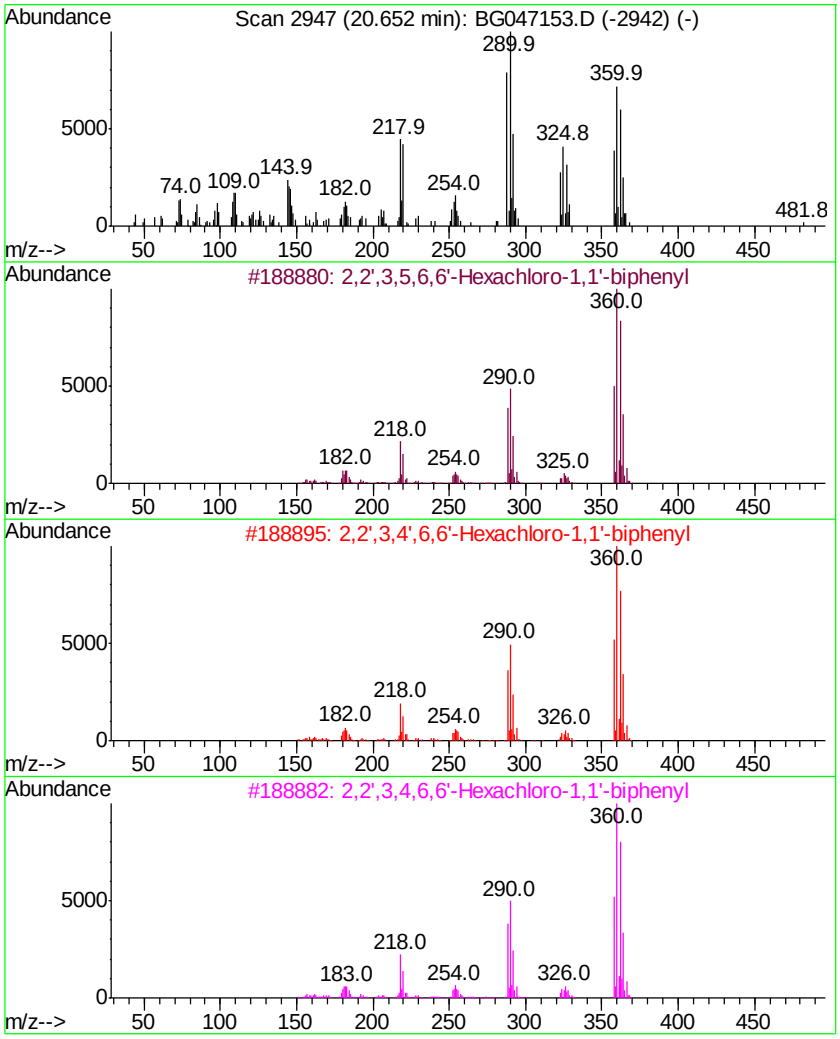
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

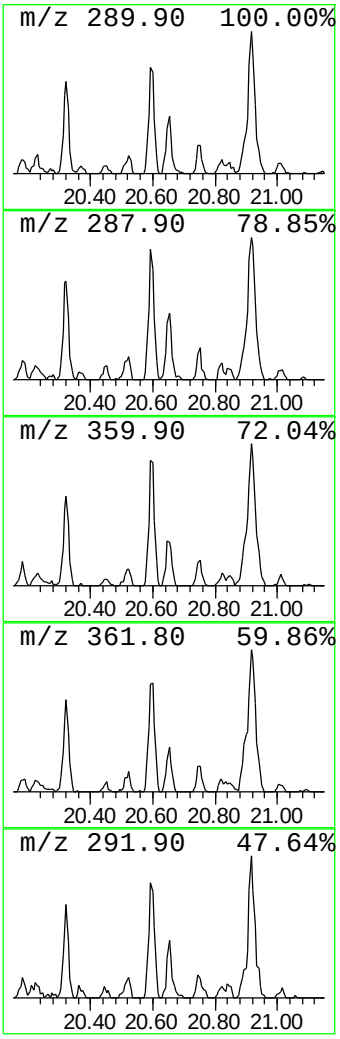
****

Peak Number 13 2,2',3,5,6,6'-Hexachloro-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	2.40 ng/ul	139570	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
2	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	98
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	98





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Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

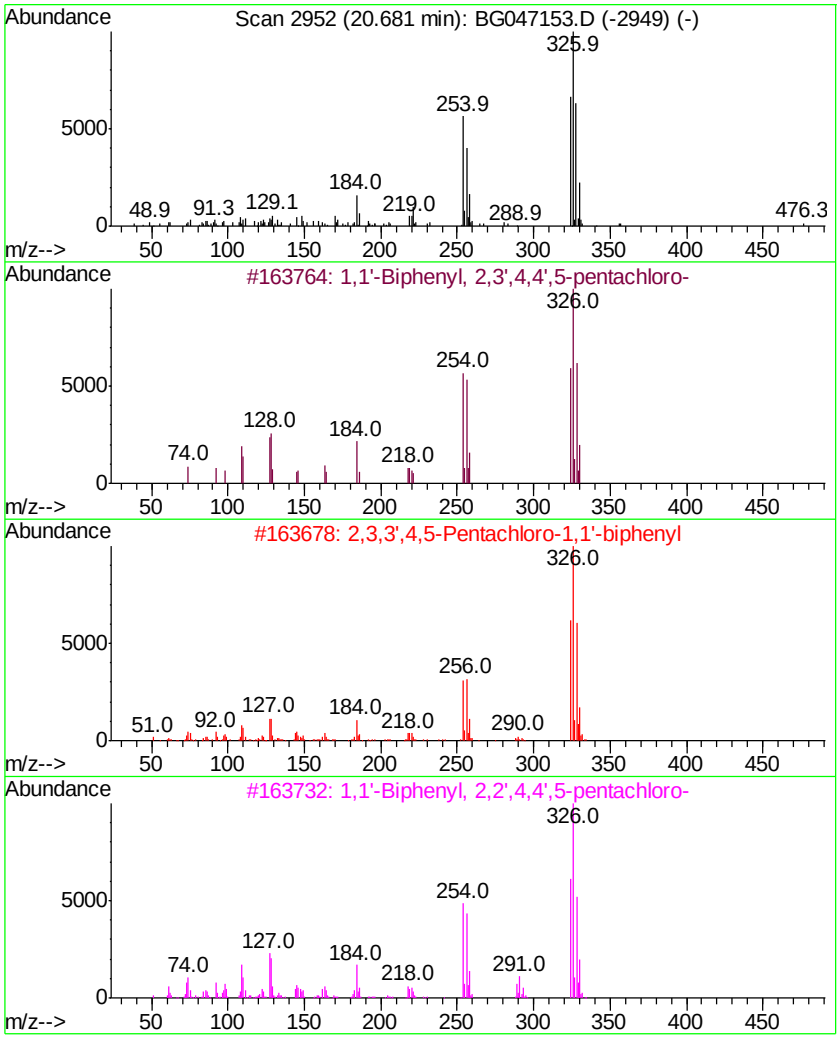
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

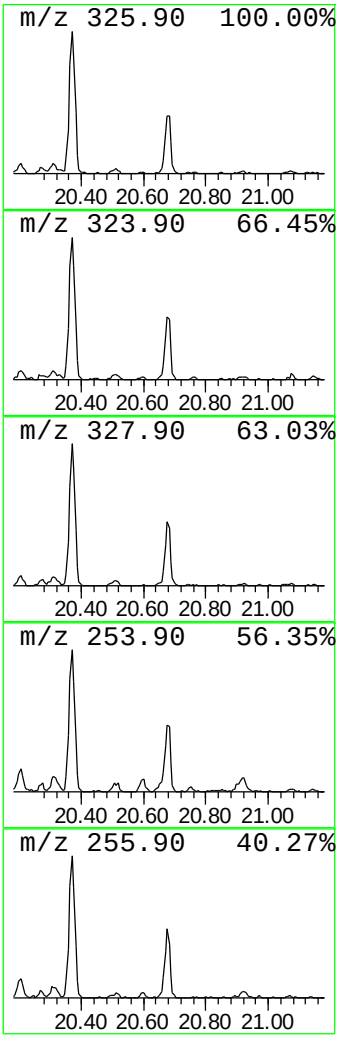
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	2.76 ng/ul	160449	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	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	96
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
4	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	95
5	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	95





Library Search Compound Report

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Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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

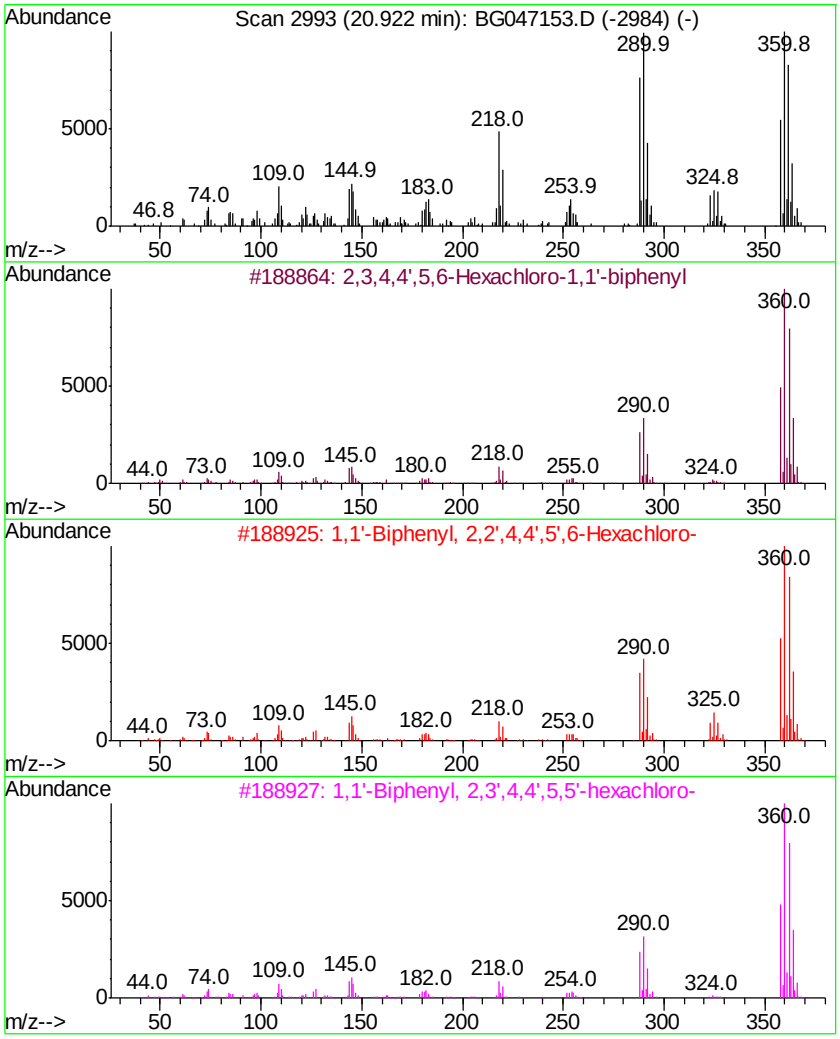
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

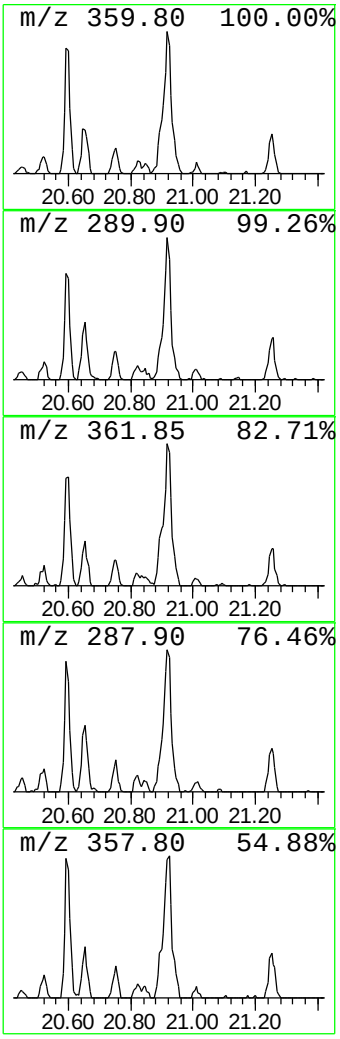
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	7.27 ng/ul	422097	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 : BG047153.D
Acq On : 30 Oct 2020 14:11
Operator : CG/JU
Sample : L4505-01
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF1

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	28.1	ng/ul	483263	1	8.05	343305	20.0
1,1'-Biphenyl, 2,...	18.50	3.3	ng/ul	159154	4	17.43	970010	20.0
2,3',4,5-Tetrachl...	19.31	2.5	ng/ul	119315	4	17.43	970010	20.0
1,1'-Biphenyl, 2,...	19.34	6.3	ng/ul	303879	4	17.43	970010	20.0
1,1'-Biphenyl, 2,...	19.61	8.2	ng/ul	475530	5	21.70	1161820	20.0
2,3,3',5,6-Pentac...	19.68	2.6	ng/ul	154231	5	21.70	1161820	20.0
1,1'-Biphenyl, 2,...	19.88	2.5	ng/ul	143995	5	21.70	1161820	20.0
2,2',3,6,6'-Penta...	19.95	3.8	ng/ul	219528	5	21.70	1161820	20.0
2,3,3',4,5'-Penta...	20.06	8.2	ng/ul	478832	5	21.70	1161820	20.0
1,1'-Biphenyl, 2,...	20.32	3.9	ng/ul	225634	5	21.70	1161820	20.0
1,1'-Biphenyl, 2,...	20.37	6.9	ng/ul	400283	5	21.70	1161820	20.0
2,3,4,4',5,6-Hexa...	20.59	4.0	ng/ul	233255	5	21.70	1161820	20.0
2,2',3,5,6,6'-Hex...	20.65	2.4	ng/ul	139570	5	21.70	1161820	20.0
1,1'-Biphenyl, 2,...	20.68	2.8	ng/ul	160449	5	21.70	1161820	20.0
2,3,3',4,4',6-Hex...	20.92	7.3	ng/ul	422097	5	21.70	1161820	20.0