LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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	3.402	6	11	21	rVB	621096	707748	70.12%	7.739%
2	3.714	61	64	66	rBV3	2888	3039	0.30%	0.033%
3	3.743	66	69	76	rVB2	17177	24754	2.45%	0.271%
4	3.796	76	78	80	rBV	1539	1795	0.18%	0.020%
5	3.961	103	106	109	rVB2	1293	1529	0.15%	0.017%
6	4.078	123	126	131	rVB	1580	2449	0.24%	0.027%
7	4.131	131	135	138	rBV2	2031	2880	0.29%	0.031%
8	4.225	147	151	155	rBV4	4317	7021	0.70%	0.077%
9	4.454	188	190	194	rVB	1225	1553	0.15%	0.017%
10	4.489	194	196	198	rBV	1351	1547	0.15%	0.017%
11	4.695	229	231	236	rVB	1626	1583	0.16%	0.017%
12	5.688	397	400	403	rVB	1788	1574	0.16%	0.017%
13	6.569	545	550	552	rVB	1522	1978	0.20%	0.022%
14	6.975	615	619	620	rVB	1524	1533	0.15%	0.017%
15	6.987	620	621	625	rBV	1404	1828	0.18%	0.020%
16	7.198	653	657	658	rBV	2031	1808	0.18%	0.020%
17	8.062	797	804	810	rBV	247861	414437	41.06%	4.532%
18	9.766	1093	1094	1099	rVB	1424	1518	0.15%	0.017%
19	9.918	1117	1120	1124	rBV	1394	2150	0.21%	0.024%
20	10.729	1253	1258	1259	rBV	1279	1812	0.18%	0.020%
21	10.870	1273	1282	1290	rBV	302799	543257	53.82%	5.941%
22	11.299	1351	1355	1359	rBV	1570	1800	0.18%	0.020%
23	11.340	1359	1362	1364	rBV2	2294	2350	0.23%	0.026%
24	11.546	1394	1397	1400	rBV2	864	1547	0.15%	0.017%
25	11.634	1410	1412	1414	rBV	1600	1625	0.16%	0.018%
26	11.746	1426	1431	1433	rVB	996	1586	0.16%	0.017%
27	14.689	1924	1932	1944	rBV2	462631	743610	73.67%	8.132%
28	14.783	1946	1948	1951	rVB	1565	1500	0.15%	0.016%
29	15.195	2016	2018	2019	rBV	2590	1529	0.15%	0.017%
30	15.529	2072	2075	2078	rVB2	1771	1655	0.16%	0.018%
31	15.700	2103	2104	2107	rBV2	1782	1533	0.15%	0.017%
32	15.735	2107	2110	2113	rVV2	1314	2360	0.23%	0.026%
33	15.923	2140	2142	2143	rVV	2661	1759	0.17%	0.019%
34	15.941	2143	2145	2148	rVV3	2472	2800	0.28%	0.031%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
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Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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	15.994	2151	2154	2155	rBV2	1736	2028	0.20%	0.022%
36	16.035	2158	2161	2166	rVB3	1784	2889	0.29%	0.032%
37	16.223	2190	2193	2196	rBV3	2099	2841	0.28%	0.031%
38	16.352	2212	2215	2218	rBV	2316	3015	0.30%	0.033%
39	16.387	2218	2221	2222	rVV2	2085	2313	0.23%	0.025%
40	16.417	2225	2226	2228	rVB2	3637	1774	0.18%	0.019%
41	16.540	2242	2247	2248	rBV3	2306	3202	0.32%	0.035%
42	16.728	2276	2279	2280	rBV2	2275	1564	0.15%	0.017%
43	16.757	2282	2284	2287	rBV2	1931	1610	0.16%	0.018%
44	16.781	2287	2288	2291	rBV3	2304	1701	0.17%	0.019%
45	16.834	2295	2297	2300	rVB	2228	1529	0.15%	0.017%
46	16.887	2300	2306	2309	rBV5	2508	3868	0.38%	0.042%
47	16.922	2309	2312	2315	rBV4	1292	1666	0.17%	0.018%
48	16.963	2315	2319	2324	rVB2	17966	24481	2.43%	0.268%
49	17.045	2331	2333	2336	rVB2	2033	1712	0.17%	0.019%
50	17.251	2367	2368	2370	rBV2	2019	1750	0.17%	0.019%
51	17.298	2374	2376	2377	rBV	2975	1612	0.16%	0.018%
52	17.351	2380	2385	2388	rVB6	4248	5728	0.57%	0.063%
53	17.433	2392	2399	2405	rBV	526337	828815	82.11%	9.063%
54	17.603	2425	2428	2435	rVB2	22974	33012	3.27%	0.361%
55	17.880	2472	2475	2478	rBV4	11102	16398	1.62%	0.179%
56	17.915	2478	2481	2486	rVB4	14616	20444	2.03%	0.224%
57	17.968	2488	2490	2494	rBV3	3991	2657	0.26%	0.029%
58	18.032	2494	2501	2509	rBV	330099	465576	46.13%	5.091%
59	18.097	2509	2512	2513	rBV3	3098	3527	0.35%	0.039%
60	18.144	2516	2520	2528	rVB4	40151	66377	6.58%	0.726%
61	18.220	2528	2533	2538	rBV4	11591	20288	2.01%	0.222%
62	18.279	2538	2543	2548	rBV2	102857	148712	14.73%	1.626%
63	18.332	2548	2552	2559	rVB2	47156	71441	7.08%	0.781%
64	18.444	2567	2571	2575	rBV5	14032	20589	2.04%	0.225%
65	18.497	2575	2580	2586	rVV2	190353	265514	26.30%	2.903%
66	18.555	2586	2590	2595	rVV	153118	213540	21.16%	2.335%
67	18.602	2595	2598	2604	rVB	72272	94222	9.33%	1.030%
68	18.779	2623	2628	2633	rBV	166616	250901	24.86%	2.744%
69	18.826	2633	2636	2641	rVV	69630	95704	9.48%	1.047%
70	18.878	2641	2645	2649	rVV2	24566	34555	3.42%	0.378%
71	18.920	2649	2652	2654	rVV2	35214	46397	4.60%	0.507%

LSC Area Percent Report

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Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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	18.955	2654	2658	2663	rVB	137535	179438	17.78%	1.962%
73	19.055	2671	2675	2680	rVB2	34847	47554	4.71%	0.520%
74	19.125	2685	2687	2690	rVB3	6622	6836	0.68%	0.075%
75	19.260	2705	2710	2714	rBV	100432	131087	12.99%	1.433%
76	19.313	2714	2719	2720	rVV2	44670	60803	6.02%	0.665%
77	19.349	2720	2725	2731	rVB3	216795	334746	33.16%	3.661%
78	19.419	2734	2737	2741	rBV5	14602	19449	1.93%	0.213%
79	19.478	2745	2747	2753	rVB	27417	37845	3.75%	0.414%
80	19.560	2755	2761	2767	rVV3	104350	218597	21.66%	2.390%
81	19.619	2767	2771	2777	rVV2	95202	128971	12.78%	1.410%
82	19.683	2778	2782	2787	rVB3	32480	39713	3.93%	0.434%
83	19.730	2787	2790	2794	rBV4	10977	13185	1.31%	0.144%
84	19.807	2801	2803	2805	rBV3	10306	9050	0.90%	0.099%
85	19.877	2812	2815	2820	rVB7	24685	34772	3.44%	0.380%
86	19.954	2825	2828	2832	rVV5	39787	51638	5.12%	0.565%
87	20.007	2834	2837	2841	rVV6	22125	28757	2.85%	0.314%
88	20.059	2841	2846	2851	rVV	74739	106799	10.58%	1.168%
89	20.106	2851	2854	2858	rVB5	15286	20919	2.07%	0.229%
90	20.183	2864	2867	2869	rBV4	16145	18885	1.87%	0.207%
91	20.324	2887	2891	2895	rBV5	60351	79327	7.86%	0.867%
92	20.371	2896	2899	2905	rVB3	57747	68455	6.78%	0.749%
93	20.594	2933	2937	2942	rVB	75416	92510	9.17%	1.012%
94	20.653	2944	2947	2949	rVV4	26145	33968	3.37%	0.371%
95	20.676	2949	2951	2955	rVB4	34104	41028	4.06%	0.449%
96	20.917	2990	2992	2999	rVB6	58901	77653	7.69%	0.849%
97	21.076	3017	3019	3024	rVB6	31081	32240	3.19%	0.353%
98	21.381	3068	3071	3077	rVB8	26371	34417	3.41%	0.376%
99	21.699	3119	3125	3140	rVB2	553579	1009370	100.00%	11.038%
100	24.930	3667	3675	3686	rVB2	327750	929263	92.06%	10.162%

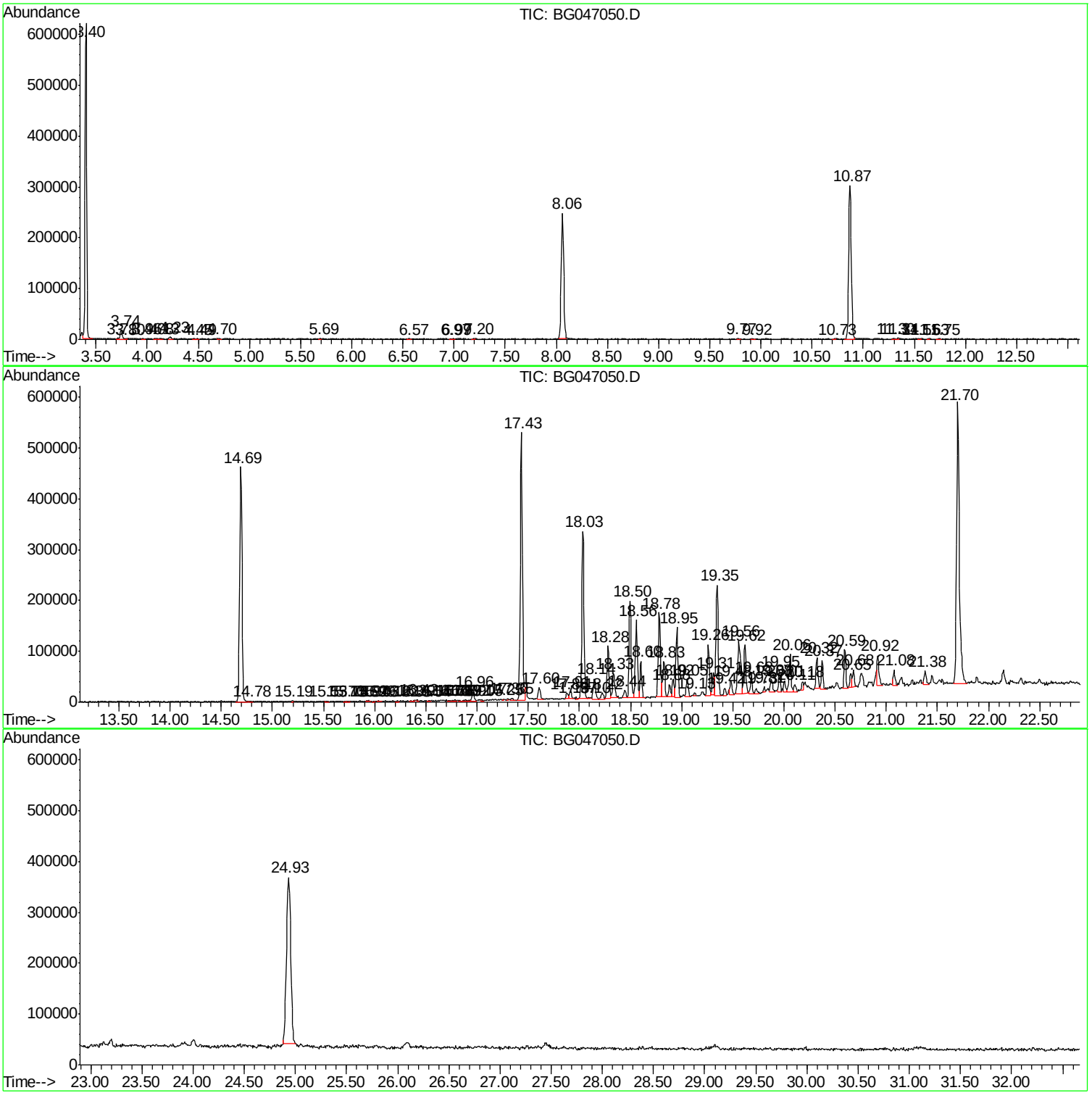
Sum of corrected areas: 9144674

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE8

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\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
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Instrument : BNA_G
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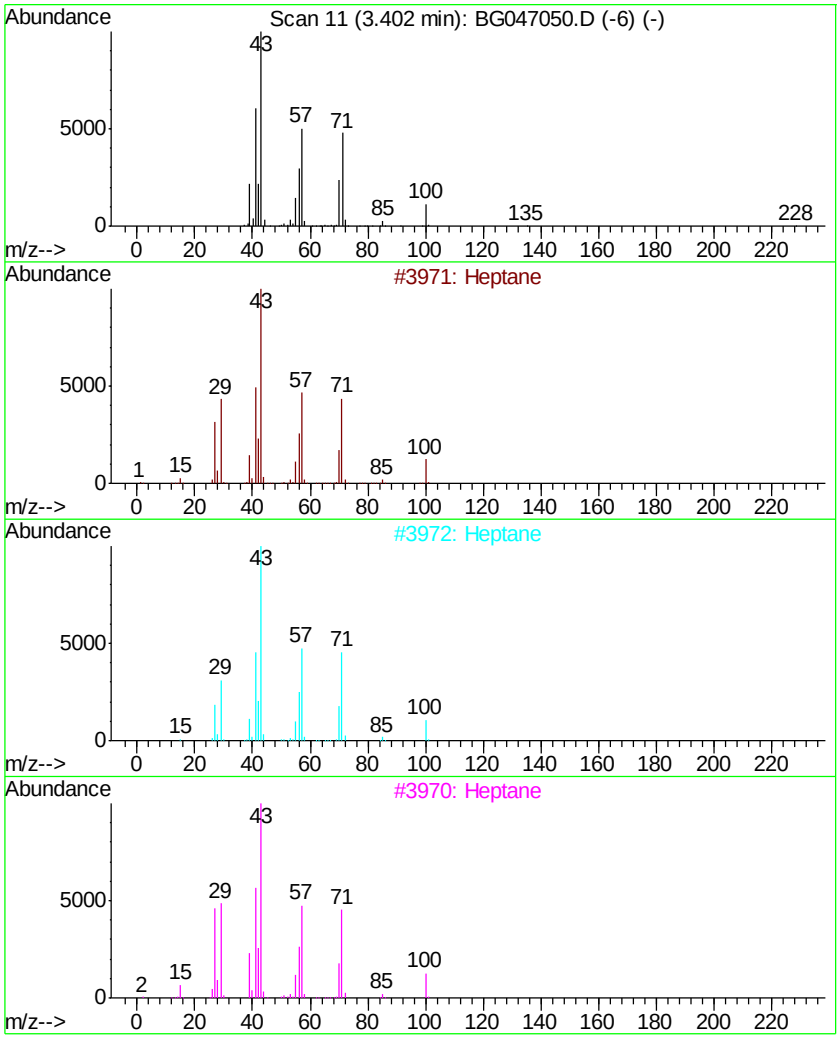
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

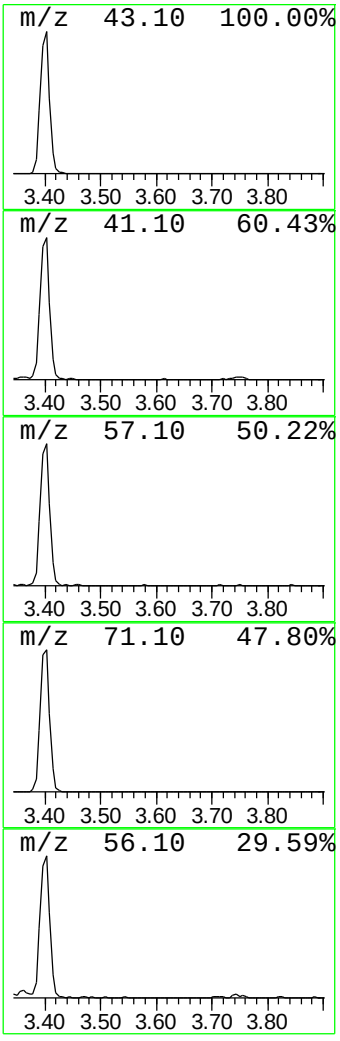
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	34.15 ng/ul	707748	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	80
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

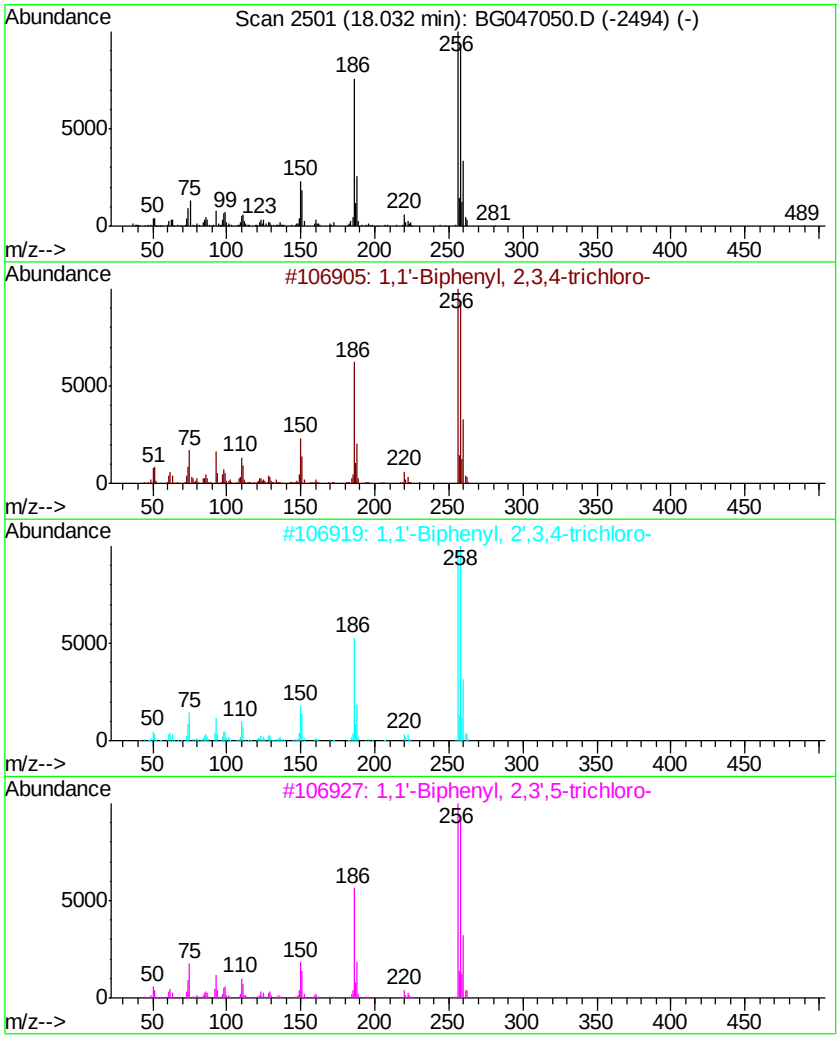
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

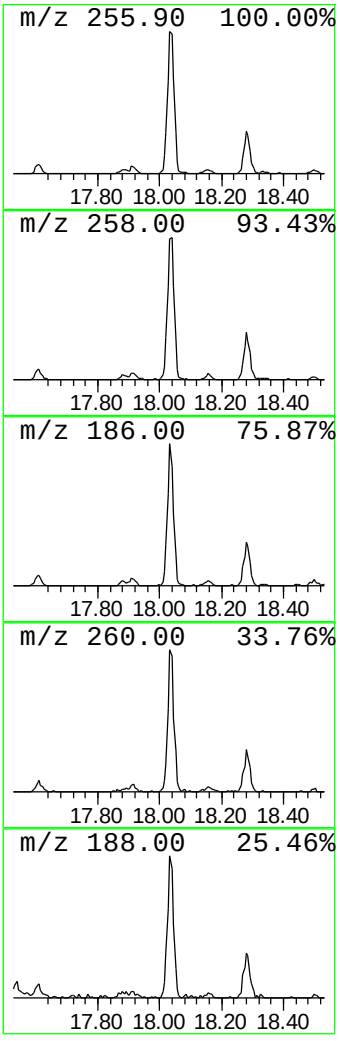
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	11.23 ng/ul	465576	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	96
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
5	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	95





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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

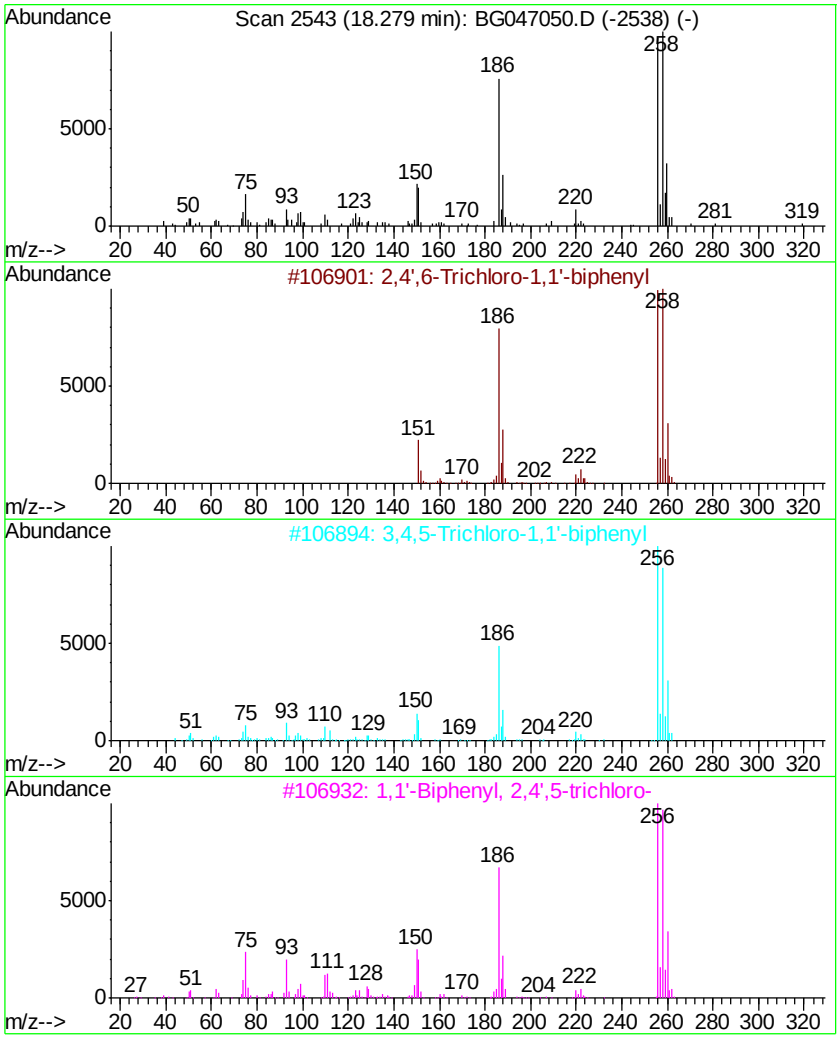
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

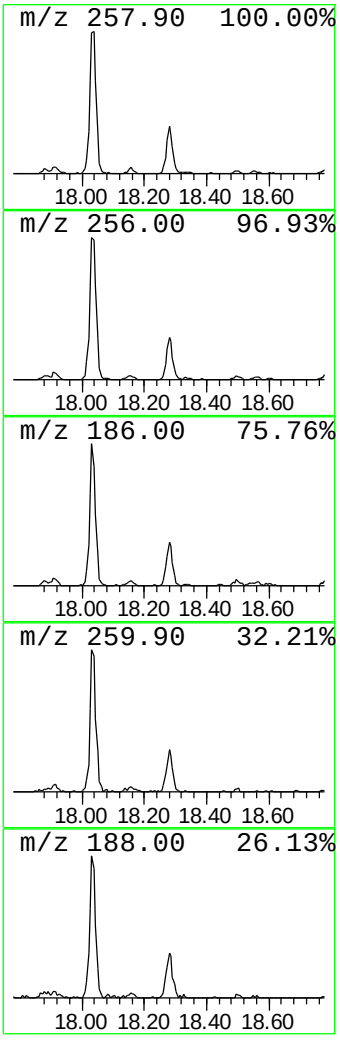
****

Peak Number 3 2,4',6-Trichloro-1,1'-biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.59 ng/ul	148712	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	97
2	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	96
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94
5	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

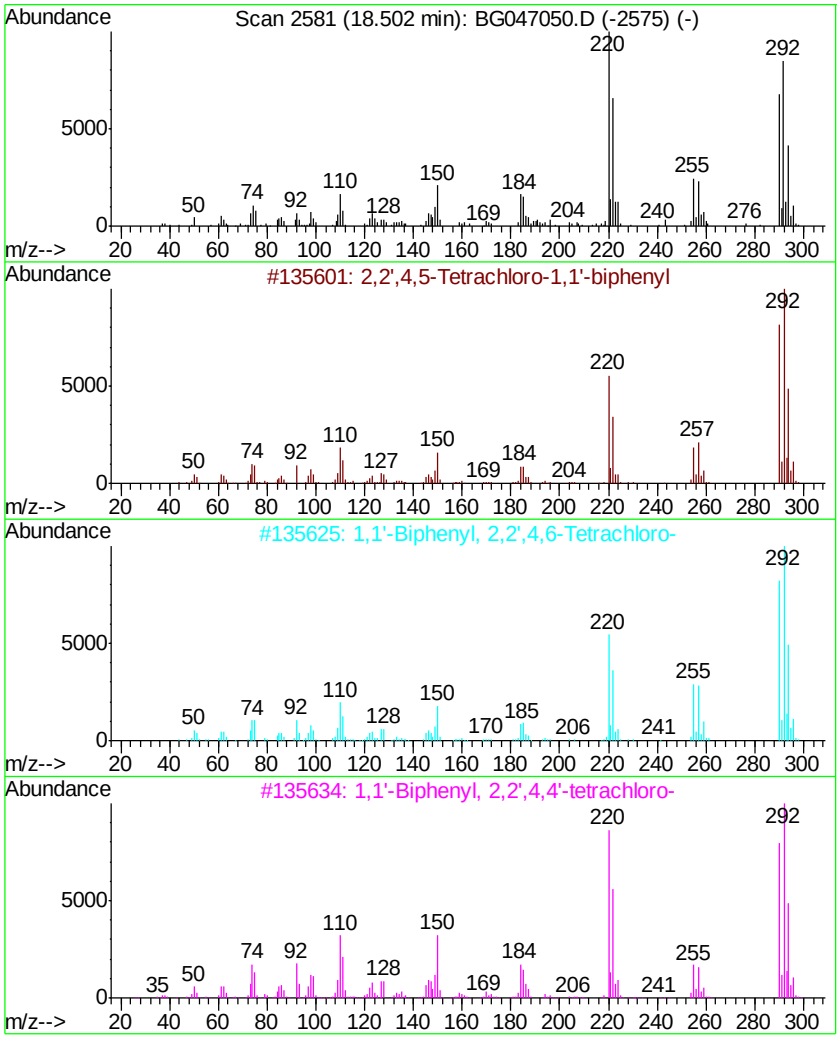
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

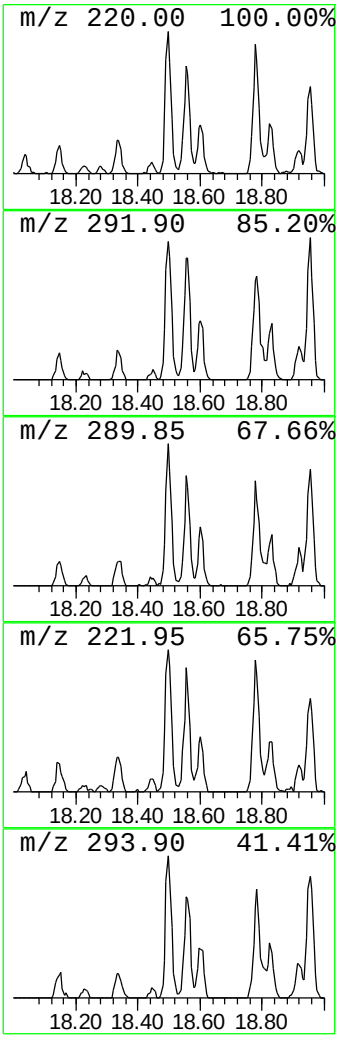
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	6.41 ng/ul	265514	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98





Library Search Compound Report

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Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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

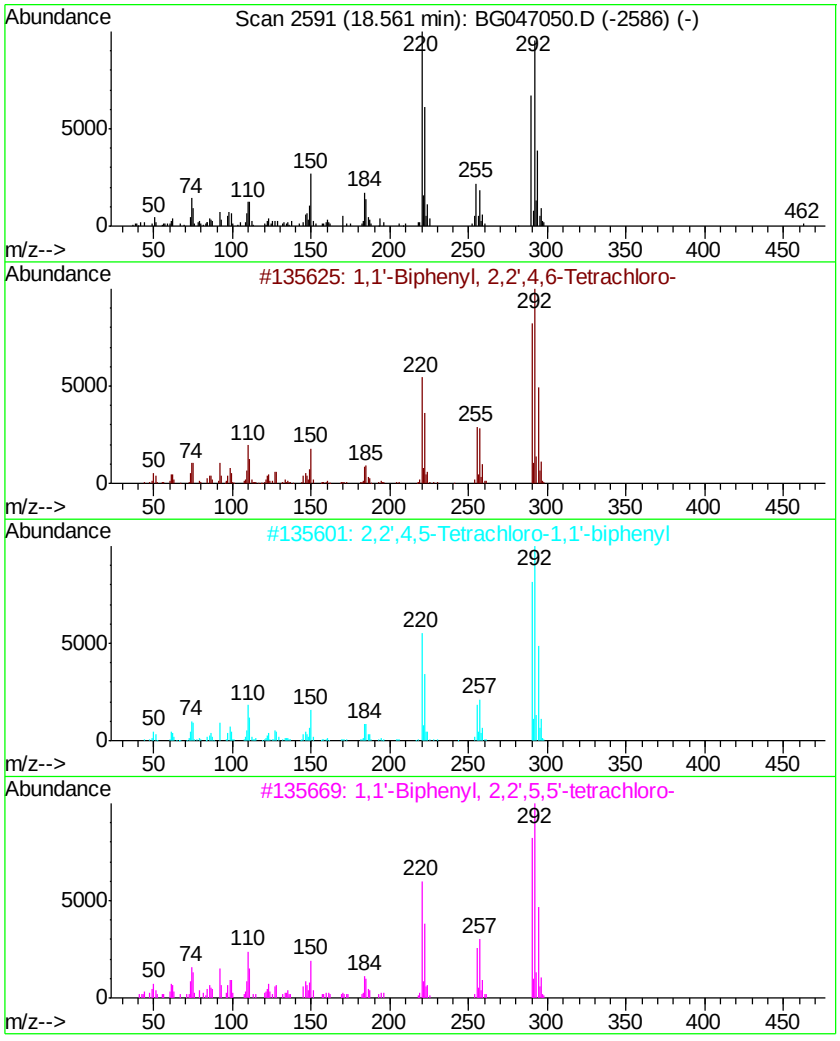
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

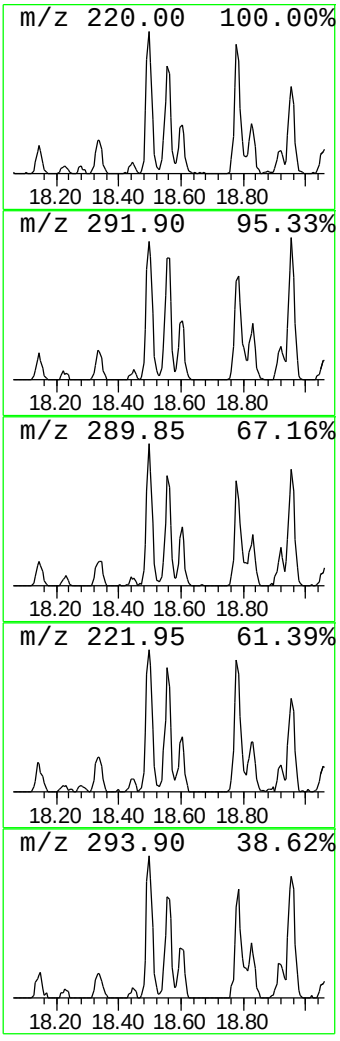
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	5.15 ng/ul	213540	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

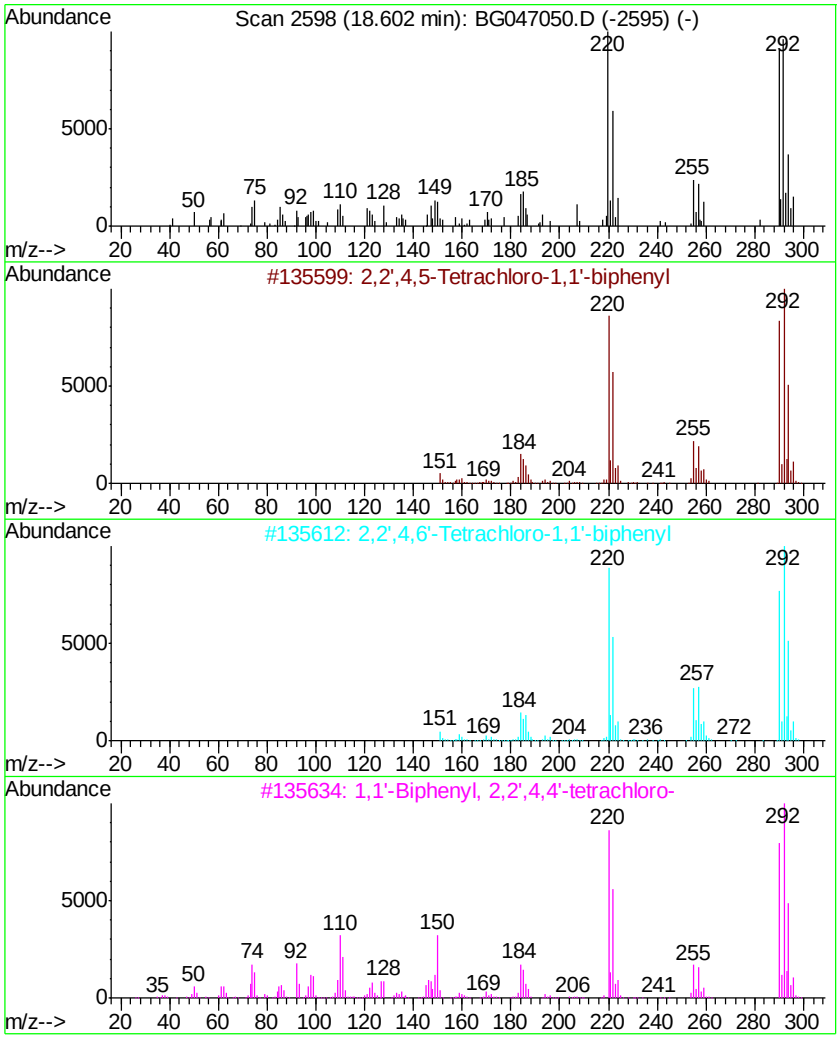
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

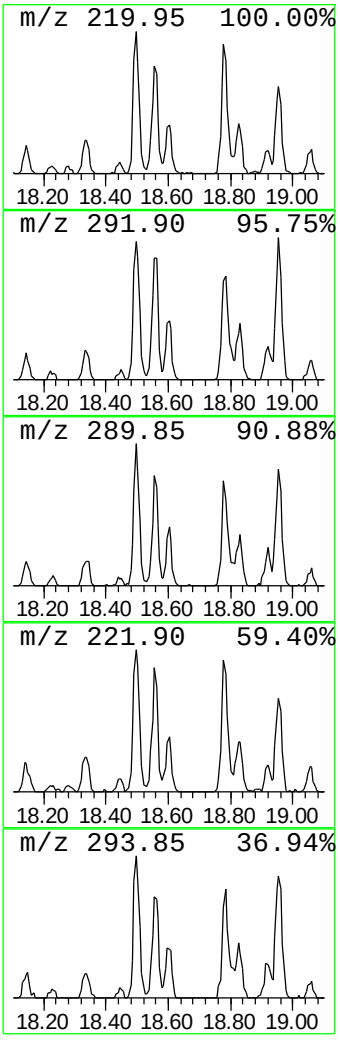
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.27 ng/ul	94222	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	96
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	96
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96





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Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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

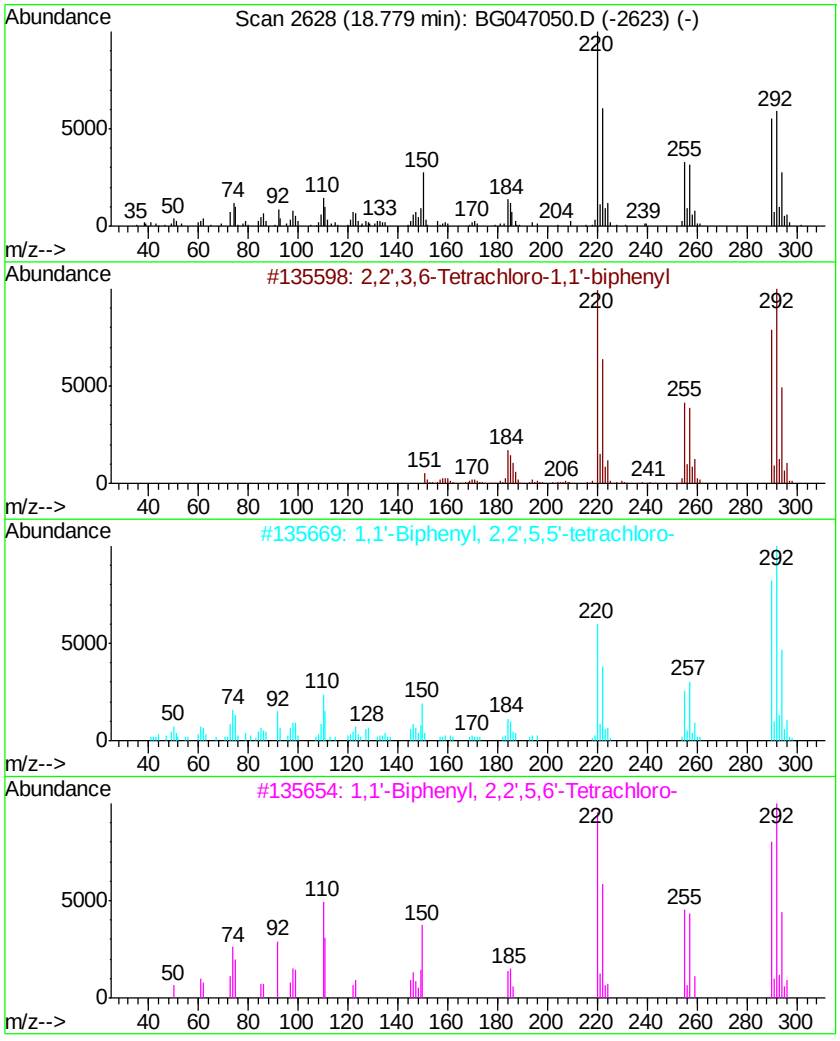
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

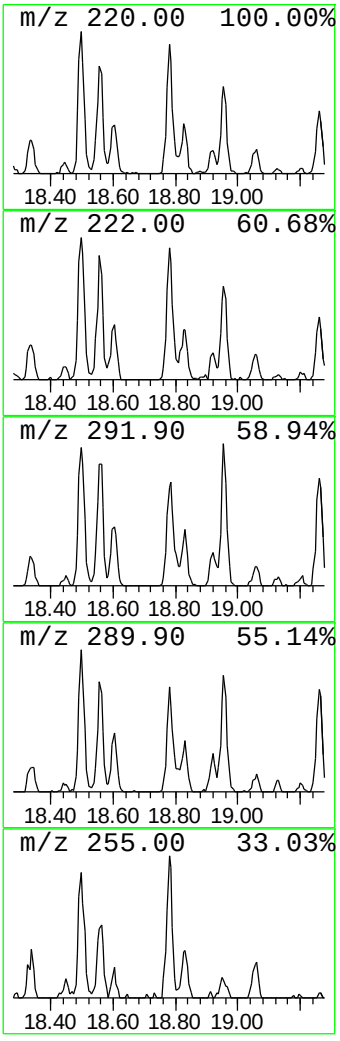
****

Peak Number 7 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	6.05 ng/ul	250901	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',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

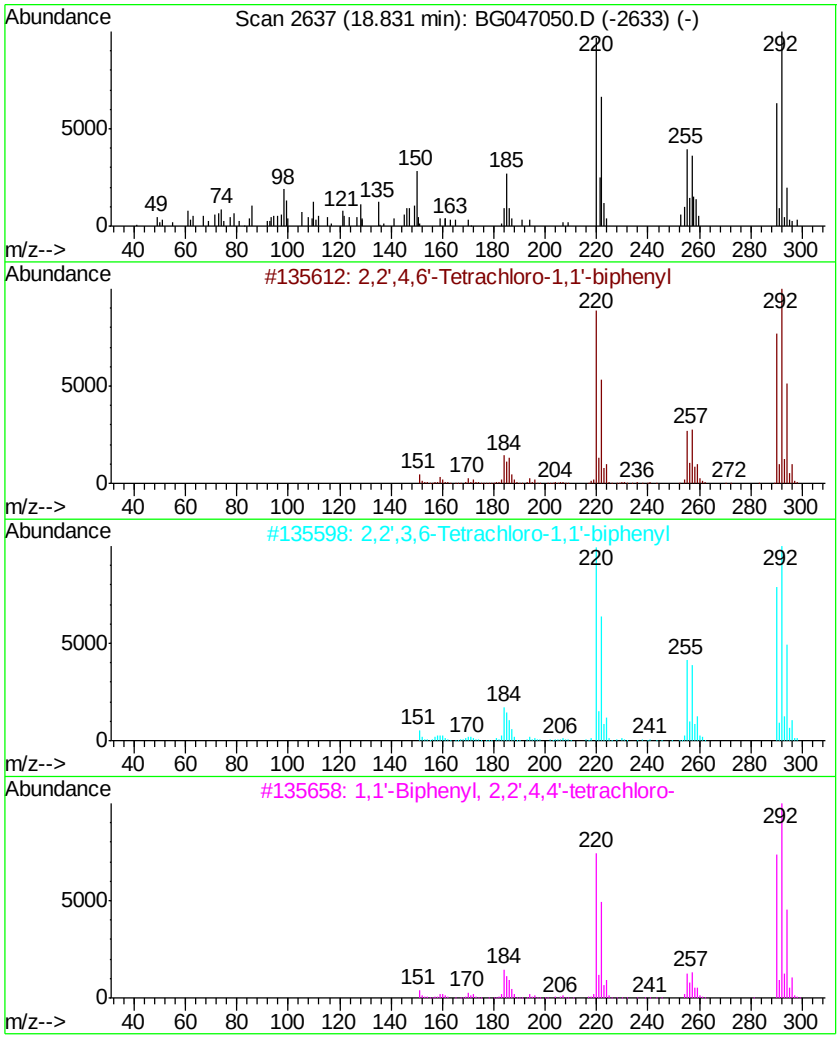
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

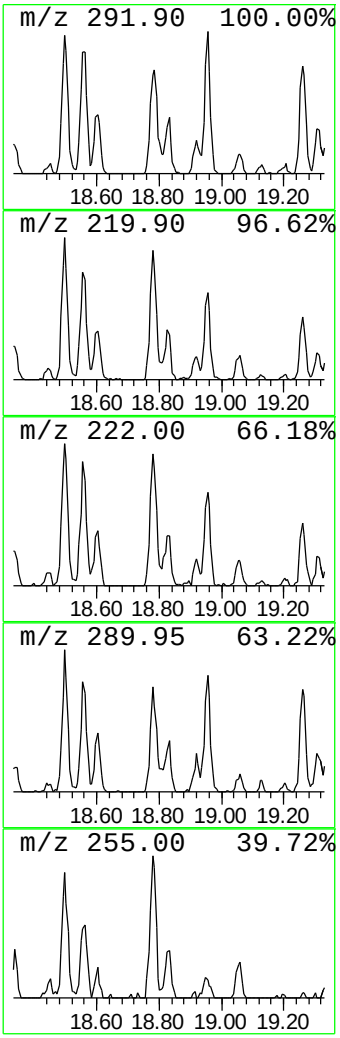
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.31 ng/ul	95704	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	95
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	93
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	91
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	91
5	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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

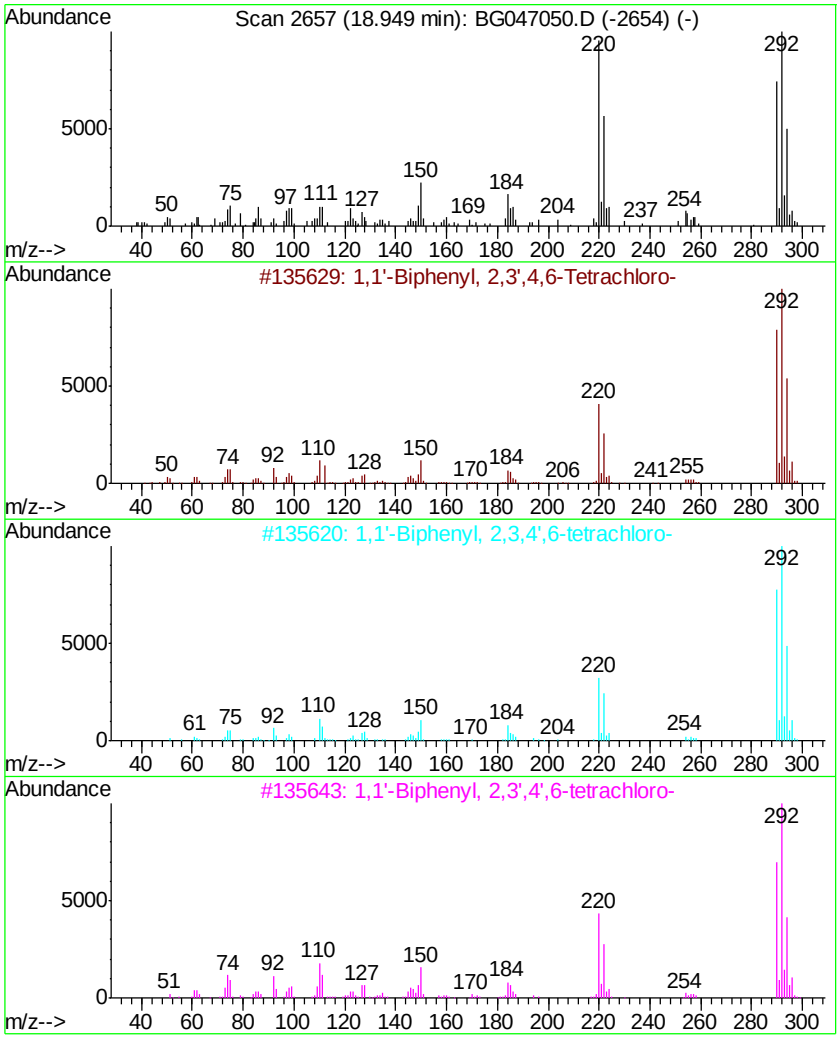
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

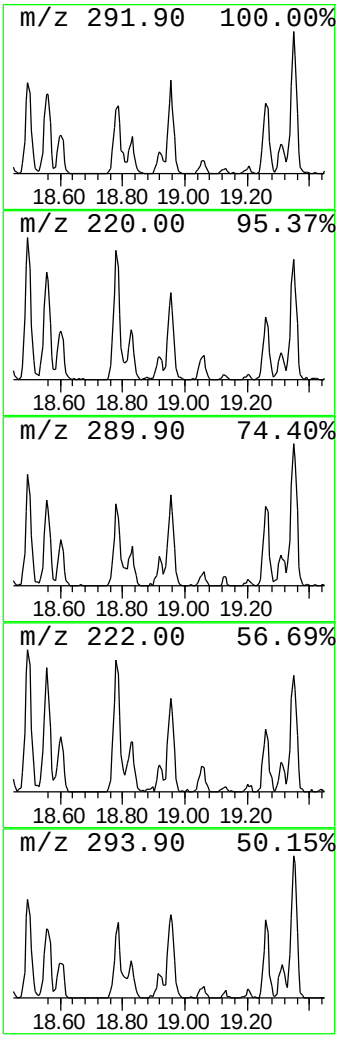
****

Peak Number 9 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	4.33 ng/ul	179438	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	98
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	98





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Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

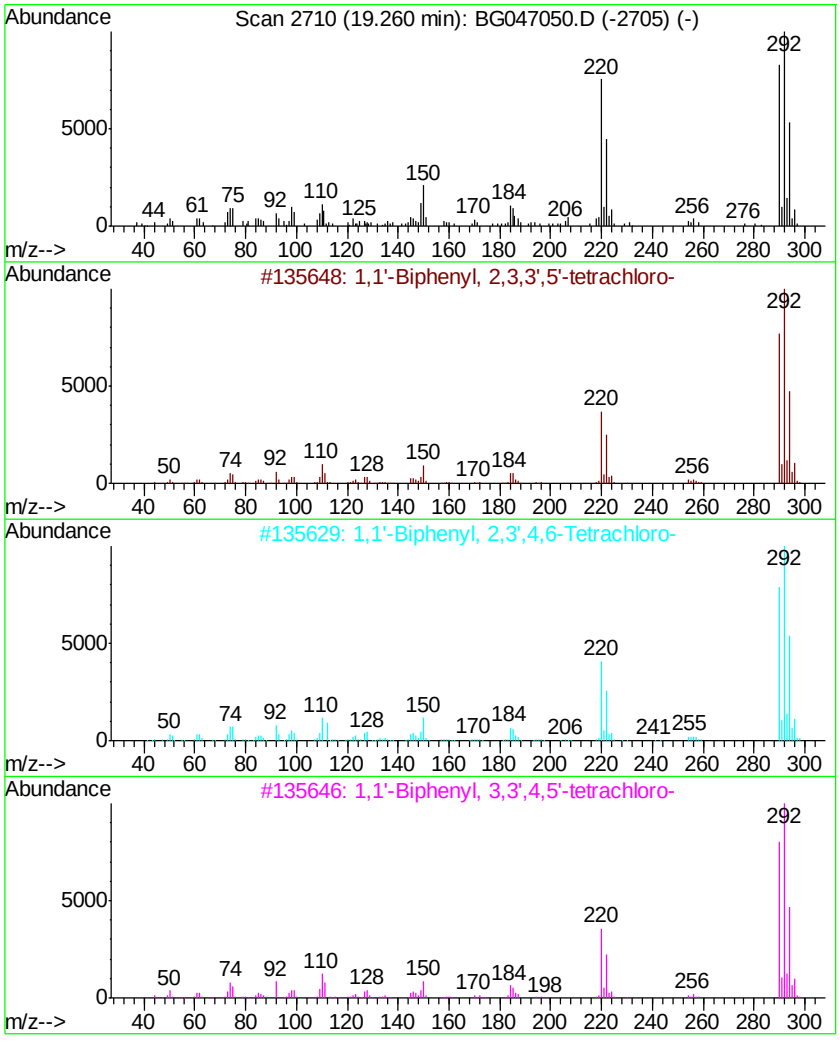
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

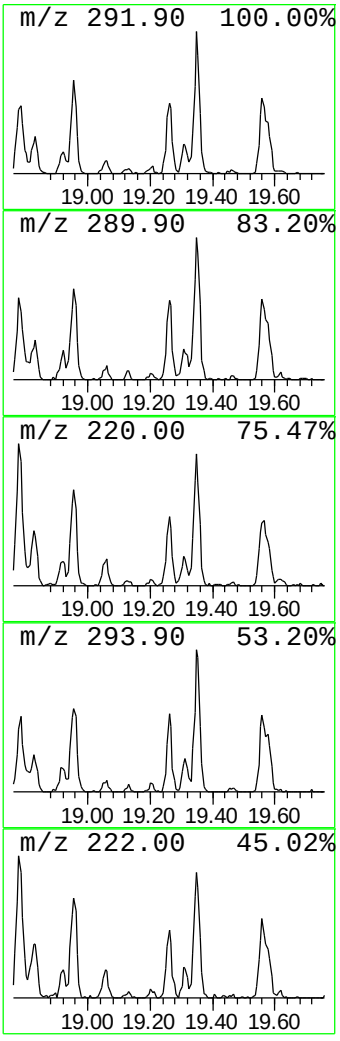
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.16 ng/ul	131087	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	98
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	98
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

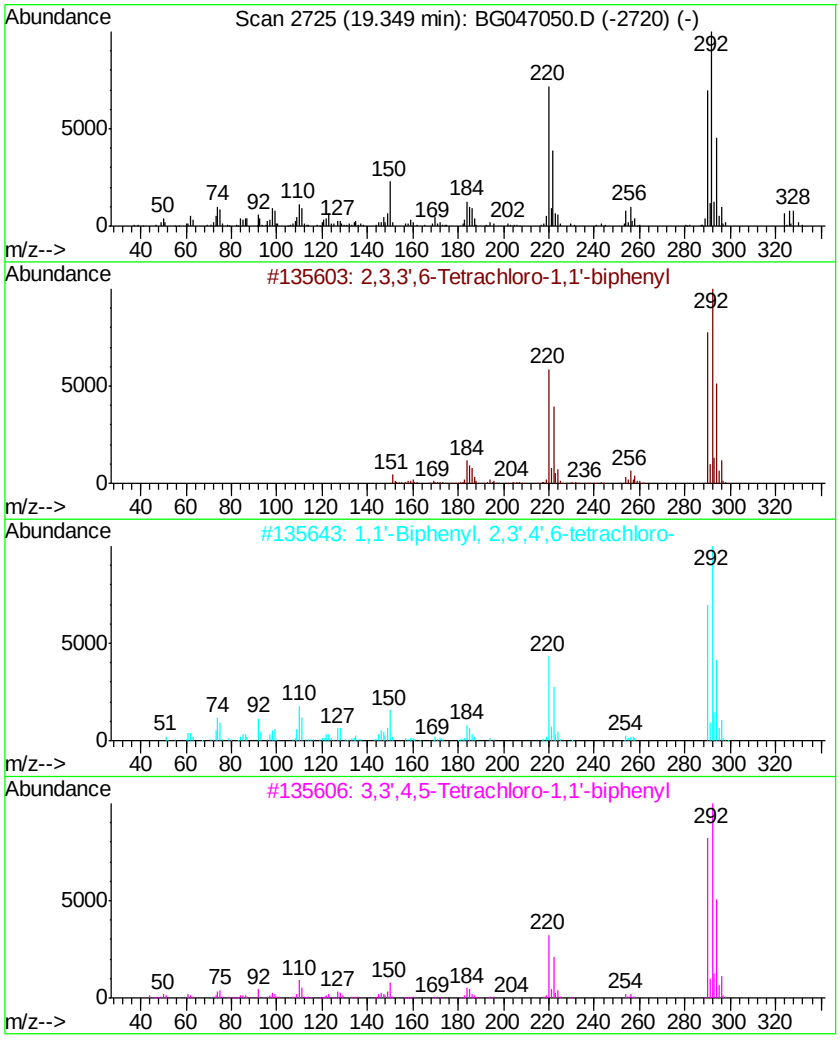
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

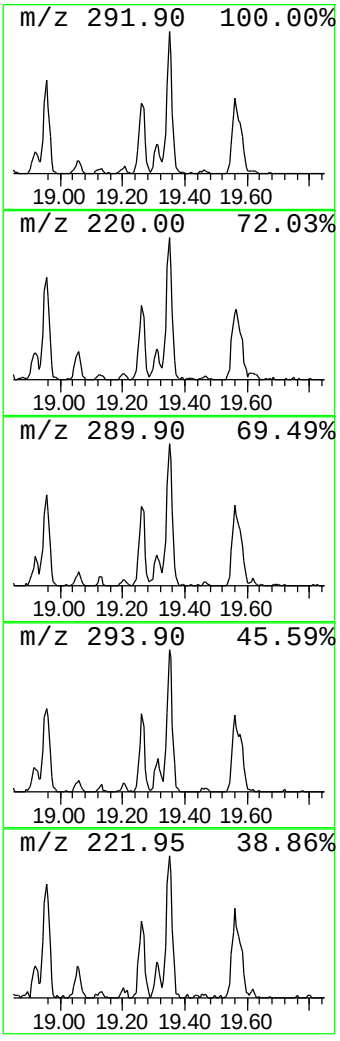
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	8.08 ng/ul	334746	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
5	3,4,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-50-4	99





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Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

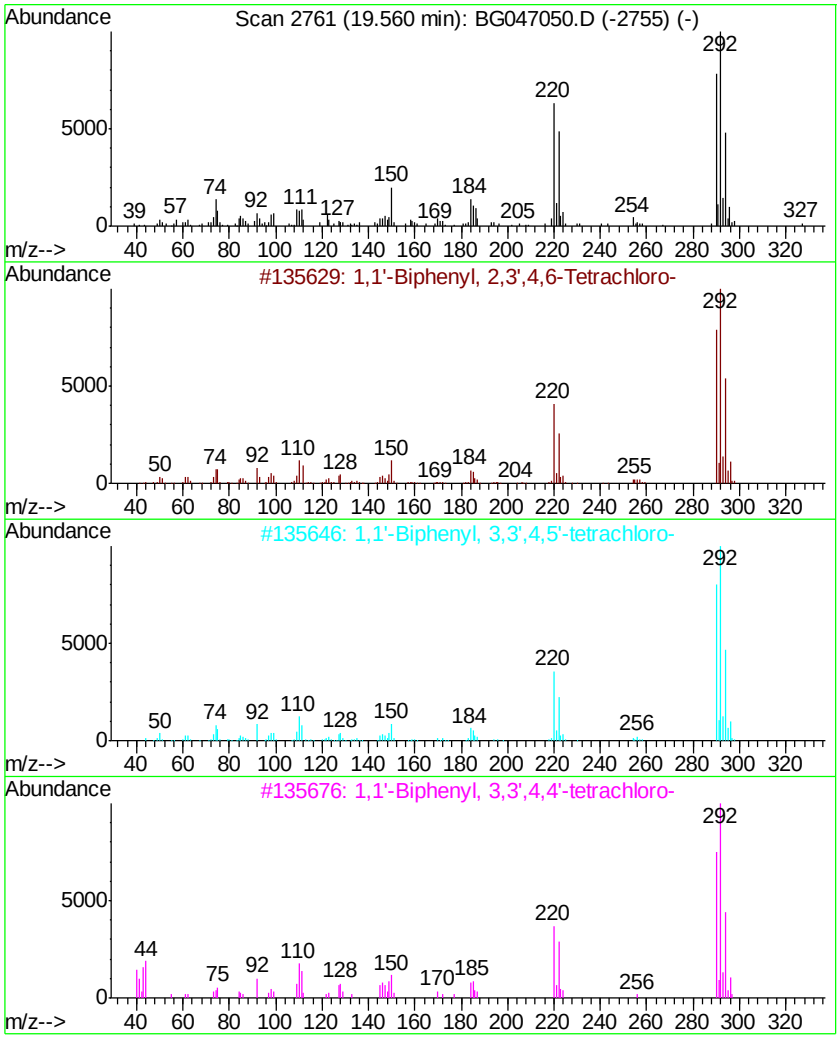
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

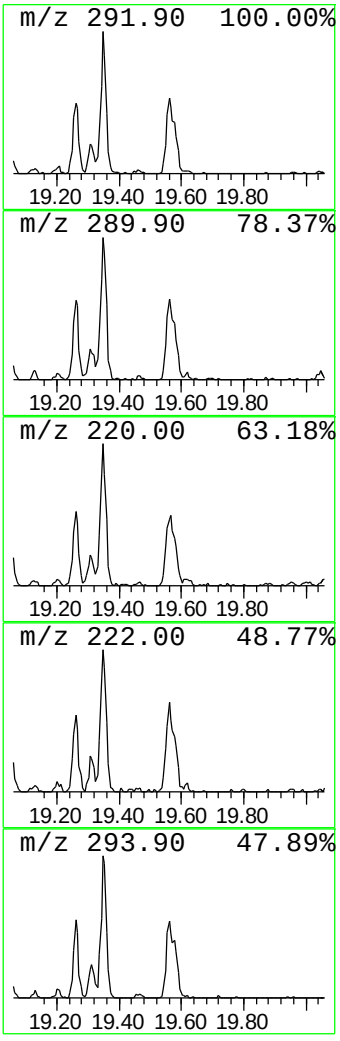
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	5.27 ng/ul	218597	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	97
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	97
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	96
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	96





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Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

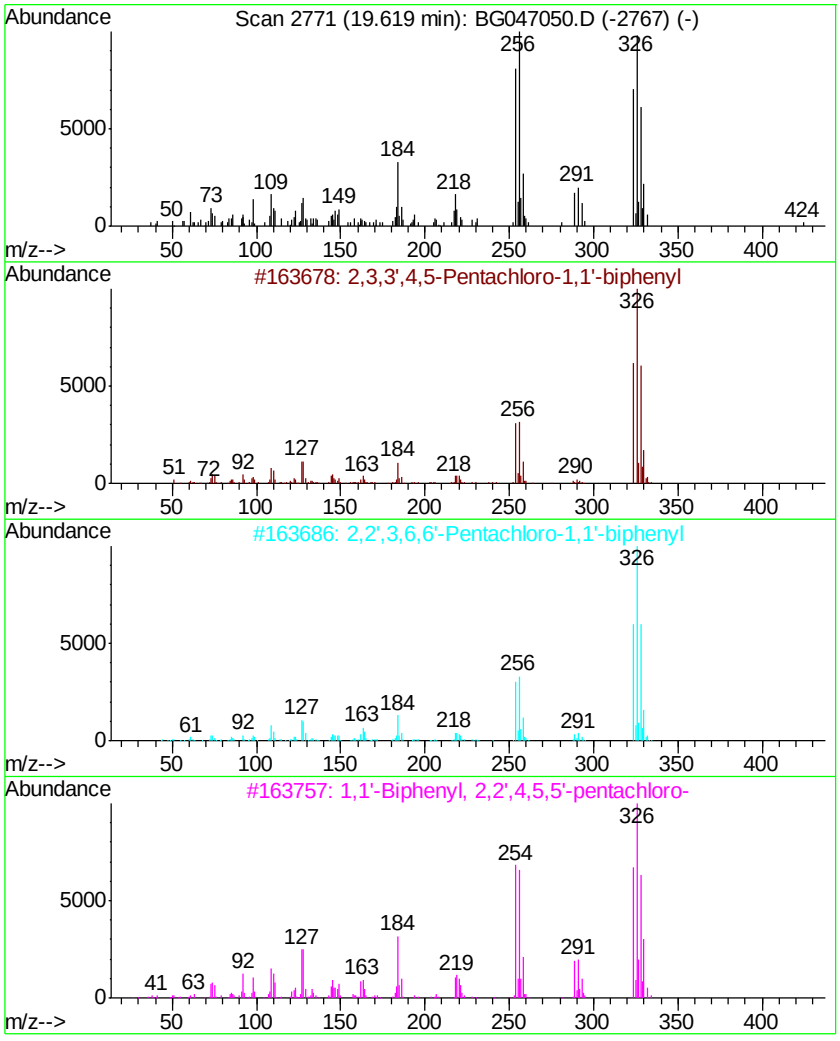
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

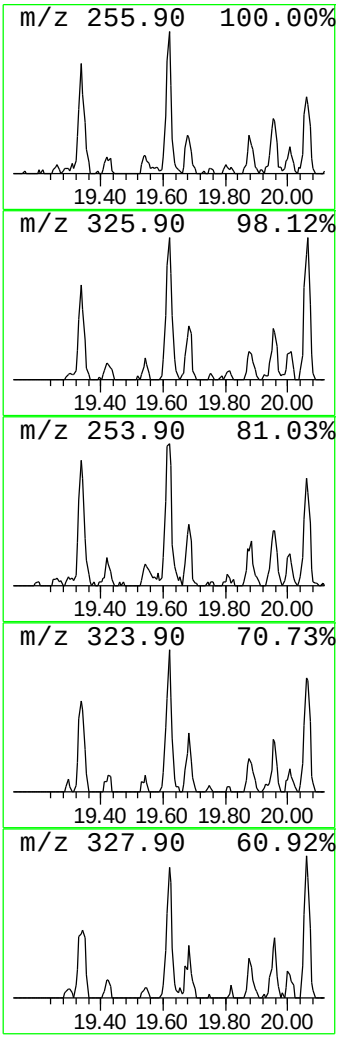
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.56 ng/ul	128971	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

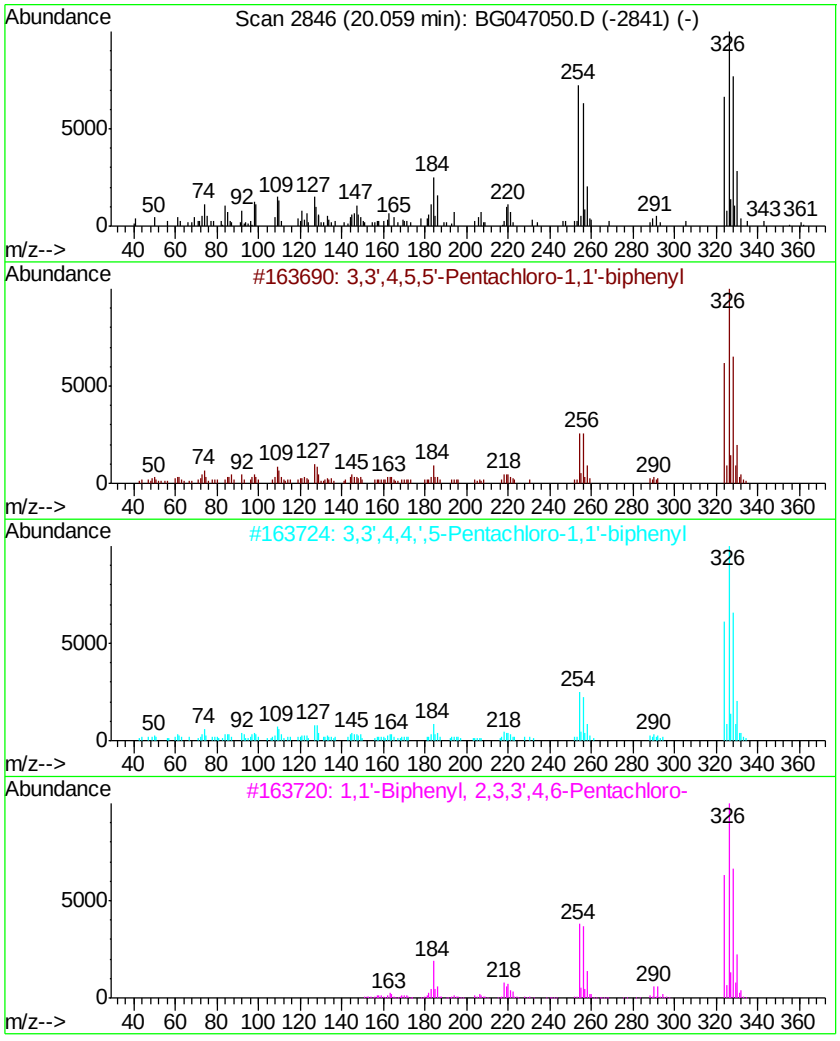
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

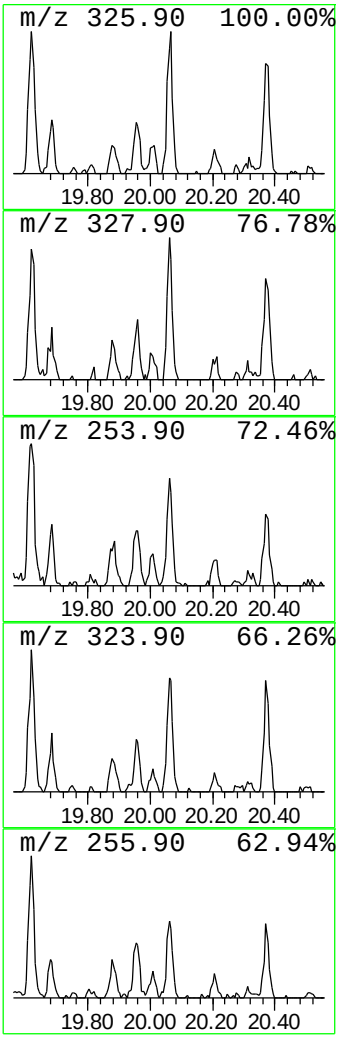
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.12 ng/ul	106799	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	98
2	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	98
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	97
5	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102220\
Data File : BG047050.D
Acq On : 23 Oct 2020 3:49
Operator : CG/JU
Sample : L4449-10
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE8

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...	3.40	34.1	ng/ul	707748	1	8.06	414437	20.0
1,1'-Biphenyl, 2,...	18.03	11.2	ng/ul	465576	4	17.43	828815	20.0
2,4',6-Trichloro-...	18.28	3.6	ng/ul	148712	4	17.43	828815	20.0
2,2',4,5-Tetrachl...	18.50	6.4	ng/ul	265514	4	17.43	828815	20.0
1,1'-Biphenyl, 2,...	18.56	5.2	ng/ul	213540	4	17.43	828815	20.0
1,1'-Biphenyl, 2,...	18.60	2.3	ng/ul	94222	4	17.43	828815	20.0
2,2',3,6-Tetrachl...	18.78	6.0	ng/ul	250901	4	17.43	828815	20.0
2,2',4,6'-Tetrach...	18.83	2.3	ng/ul	95704	4	17.43	828815	20.0
2,3,4',5-Tetrachl...	18.95	4.3	ng/ul	179438	4	17.43	828815	20.0
1,1'-Biphenyl, 2,...	19.26	3.2	ng/ul	131087	4	17.43	828815	20.0
2,3,3',6-Tetrachl...	19.35	8.1	ng/ul	334746	4	17.43	828815	20.0
1,1'-Biphenyl, 2,...	19.56	5.3	ng/ul	218597	4	17.43	828815	20.0
2,3,3',4,5-Pentac...	19.62	2.6	ng/ul	128971	5	21.70	1009370	20.0
3,3',4,5,5'-Penta...	20.06	2.1	ng/ul	106799	5	21.70	1009370	20.0