LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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	3.367	3	5	6	rVB	5477	3202	0.34%	0.023%
2	3.402	6	11	19	rVB	566343	631730	67.95%	4.635%
3	3.719	62	65	66	rBV2	2075	1824	0.20%	0.013%
4	3.748	66	70	76	rVB2	16002	21890	2.35%	0.161%
5	3.842	82	86	89	rVB3	2014	2848	0.31%	0.021%
6	3.884	89	93	96	rBV3	1207	1770	0.19%	0.013%
7	3.954	104	105	112	rBV2	1408	3065	0.33%	0.022%
8	4.119	131	133	135	rBV	1455	1656	0.18%	0.012%
9	4.224	143	151	154	rBV3	4450	7936	0.85%	0.058%
10	4.330	167	169	173	rVB	1358	1703	0.18%	0.012%
11	4.418	181	184	187	rVB	1453	1890	0.20%	0.014%
12	4.589	211	213	217	rVB	1606	1951	0.21%	0.014%
13	4.788	243	247	248	rVB2	1571	1649	0.18%	0.012%
14	4.877	257	262	264	rBV	1687	2010	0.22%	0.015%
15	5.200	314	317	320	rVB3	1428	1863	0.20%	0.014%
16	5.399	349	351	356	rVB	1556	2263	0.24%	0.017%
17	6.610	554	557	561	rVV	1031	1728	0.19%	0.013%
18	7.403	684	692	693	rBV2	1883	1860	0.20%	0.014%
19	7.761	749	753	755	rBV	1307	1749	0.19%	0.013%
20	8.061	796	804	812	rBV	239981	401464	43.18%	2.945%
21	8.372	854	857	859	rBV	2081	2011	0.22%	0.015%
22	9.424	1035	1036	1041	rBV2	1512	1974	0.21%	0.014%
23	10.734	1253	1259	1264	rBV4	9379	17079	1.84%	0.125%
24	10.870	1273	1282	1294	rBV	294157	527610	56.75%	3.871%
25	11.011	1305	1306	1311	rVB	1831	2334	0.25%	0.017%
26	11.157	1328	1331	1334	rVB	1835	1943	0.21%	0.014%
27	11.193	1334	1337	1340	rBV	1308	1793	0.19%	0.013%
28	11.257	1340	1348	1354	rBV4	4247	9068	0.98%	0.067%
29	12.521	1558	1563	1566	rBV2	1685	2845	0.31%	0.021%
30	13.490	1725	1728	1730	rBV2	1590	1919	0.21%	0.014%
31	13.754	1767	1773	1774	rBV2	1575	2474	0.27%	0.018%
32	14.019	1814	1818	1820	rVB2	1533	2022	0.22%	0.015%
33	14.524	1900	1904	1906	rBV3	1553	2089	0.22%	0.015%
34	14.689	1923	1932	1939	rBV2	463685	725547	78.04%	5.323%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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	14.765	1943	1945	1949	rVB	1671	2206	0.24%	0.016%
36	15.053	1993	1994	1996	rBV	3420	2373	0.26%	0.017%
37	15.211	2020	2021	2024	rVB	2061	1767	0.19%	0.013%
38	15.329	2039	2041	2043	rVB	1842	1627	0.18%	0.012%
39	15.400	2051	2053	2056	rBV	1983	2462	0.26%	0.018%
40	15.482	2065	2067	2070	rBV2	2608	2810	0.30%	0.021%
41	15.646	2094	2095	2098	rVB3	2658	2340	0.25%	0.017%
42	15.670	2098	2099	2101	rBV	2824	2090	0.22%	0.015%
43	15.729	2105	2109	2111	rBV3	3579	4482	0.48%	0.033%
44	15.793	2119	2120	2124	rBV3	2958	2808	0.30%	0.021%
45	15.828	2124	2126	2128	rVB2	2706	2506	0.27%	0.018%
46	15.893	2135	2137	2140	rVB3	2337	1969	0.21%	0.014%
47	15.928	2140	2143	2144	rBV3	3596	2614	0.28%	0.019%
48	16.163	2182	2183	2184	rBV	3707	2311	0.25%	0.017%
49	16.298	2204	2206	2209	rBV4	3510	3356	0.36%	0.025%
50	16.328	2209	2211	2212	rBV2	3037	2191	0.24%	0.016%
51	16.451	2230	2232	2234	rVB3	3098	1619	0.17%	0.012%
52	16.786	2287	2289	2292	rVB4	6579	5557	0.60%	0.041%
53	16.851	2298	2300	2301	rBV2	4265	2951	0.32%	0.022%
54	17.309	2374	2378	2380	rBV5	8396	12850	1.38%	0.094%
55	17.432	2392	2399	2404	rBV	514179	827923	89.05%	6.074%
56	17.474	2404	2406	2412	rVB	65003	83343	8.96%	0.611%
57	17.609	2425	2429	2434	rBV2	43013	58433	6.29%	0.429%
58	18.032	2495	2501	2507	rBV	250213	392743	42.25%	2.881%
59	18.143	2516	2520	2526	rVB8	32625	54159	5.83%	0.397%
60	18.278	2539	2543	2549	rBV3	63903	95103	10.23%	0.698%
61	18.337	2550	2553	2559	rVB5	36590	53518	5.76%	0.393%
62	18.496	2575	2580	2585	rBV2	201572	279261	30.04%	2.049%
63	18.555	2586	2590	2594	rVV	138854	199737	21.48%	1.465%
64	18.602	2594	2598	2604	rVB	71448	101381	10.90%	0.744%
65	18.778	2624	2628	2633	rBV2	141676	209650	22.55%	1.538%
66	18.825	2634	2636	2641	rVB2	57481	72755	7.83%	0.534%
67	18.878	2641	2645	2648	rBV	59817	76828	8.26%	0.564%
68	18.919	2649	2652	2655	rVV2	59895	84675	9.11%	0.621%
69	18.954	2655	2658	2665	rVB	129605	173094	18.62%	1.270%
70	19.260	2706	2710	2714	rBV2	109287	135115	14.53%	0.991%
71	19.313	2715	2719	2720	rVV	94440	114198	12.28%	0.838%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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	19.342	2720	2724	2732	rVB3	307548	521558	56.10%	3.826%
73	19.483	2744	2748	2753	rVB	68241	93014	10.00%	0.682%
74	19.559	2755	2761	2767	rVV4	114081	255328	27.46%	1.873%
75	19.618	2767	2771	2778	rVV	280153	366679	39.44%	2.690%
76	19.683	2779	2782	2788	rVB5	39251	52407	5.64%	0.384%
77	19.877	2812	2815	2821	rVB7	39335	48444	5.21%	0.355%
78	19.953	2825	2828	2832	rVB2	69512	88991	9.57%	0.653%
79	20.059	2840	2846	2851	rVB2	173548	296305	31.87%	2.174%
80	20.182	2863	2867	2871	rBV3	134322	184184	19.81%	1.351%
81	20.229	2872	2875	2882	rVV6	61244	114931	12.36%	0.843%
82	20.323	2886	2891	2896	rVV2	450062	562801	60.54%	4.129%
83	20.370	2896	2899	2904	rVB	104858	134621	14.48%	0.988%
84	20.523	2921	2925	2929	rVB3	67799	90785	9.77%	0.666%
85	20.599	2933	2938	2943	rVB	580659	712504	76.64%	5.227%
86	20.652	2943	2947	2950	rBV	150547	202689	21.80%	1.487%
87	20.752	2960	2964	2970	rVB3	143130	244856	26.34%	1.796%
88	20.917	2984	2992	2999	rBV	368838	754123	81.12%	5.533%
89	21.075	3015	3019	3024	rVB	185056	257889	27.74%	1.892%
90	21.146	3027	3031	3037	rVB3	113454	152674	16.42%	1.120%
91	21.251	3046	3049	3054	rBV4	45814	62808	6.76%	0.461%
92	21.381	3066	3071	3077	rBV2	164682	241469	25.97%	1.772%
93	21.445	3078	3082	3089	rVB2	96831	152025	16.35%	1.115%
94	21.510	3090	3093	3097	rBV4	49002	77004	8.28%	0.565%
95	21.698	3119	3125	3128	rBV2	543894	929679	100.00%	6.821%
96	22.145	3195	3201	3209	rVB3	180264	335406	36.08%	2.461%
97	22.227	3210	3215	3221	rVB8	48021	81461	8.76%	0.598%
98	22.321	3226	3231	3236	rVV4	66511	104079	11.20%	0.764%
99	23.126	3364	3368	3377	rVB10	54100	112681	12.12%	0.827%
100	24.935	3667	3676	3688	rVB2	338486	927625	99.78%	6.805%

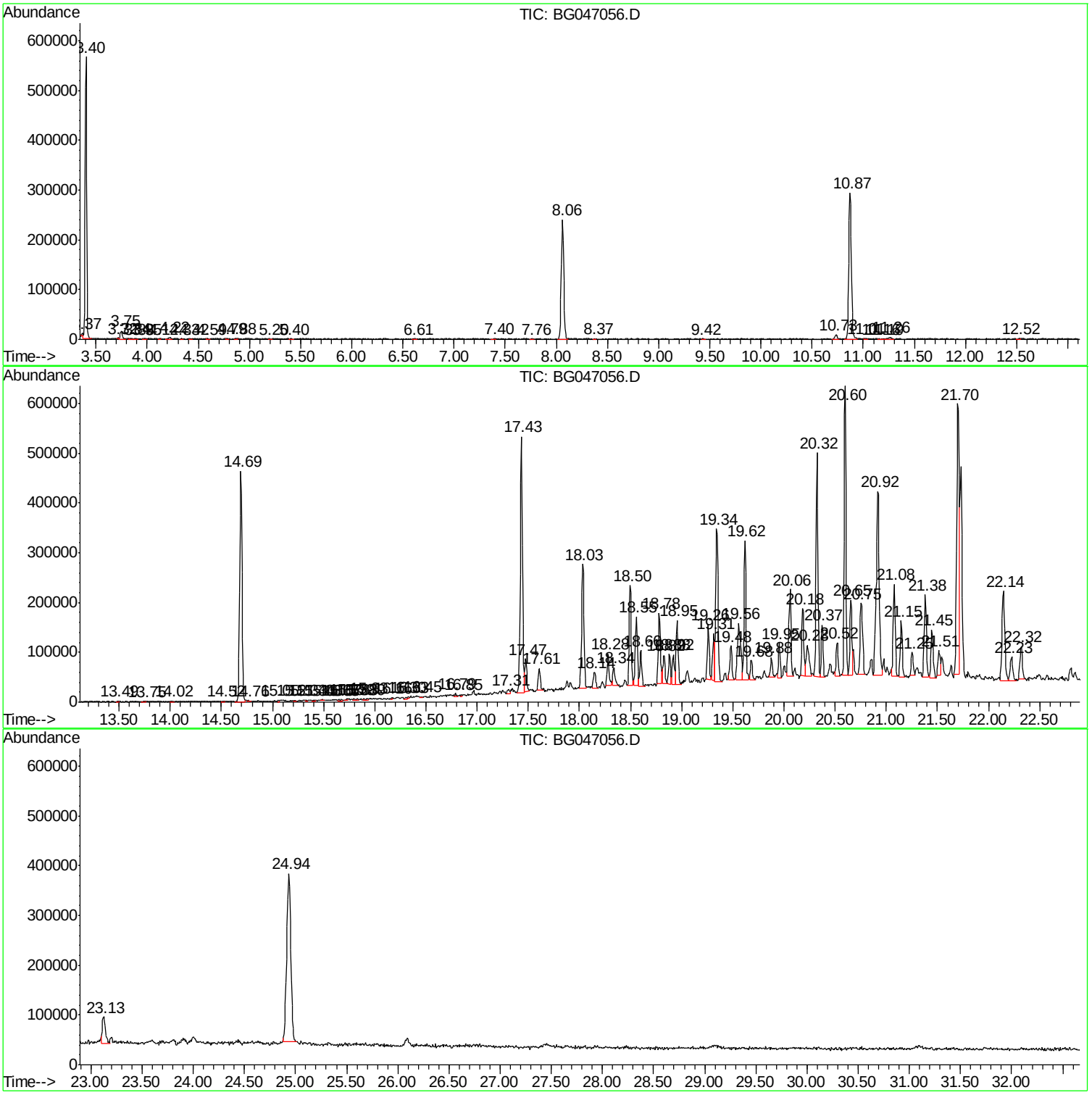
Sum of corrected areas: 13630584

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG0

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 : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

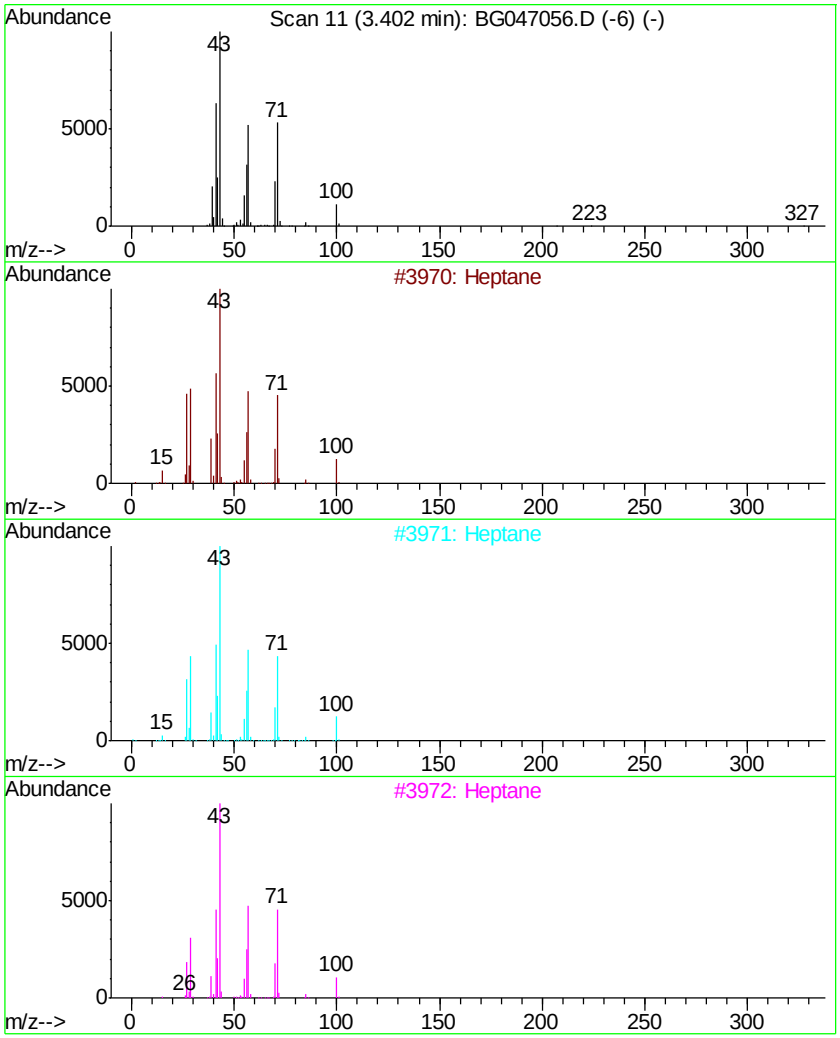
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

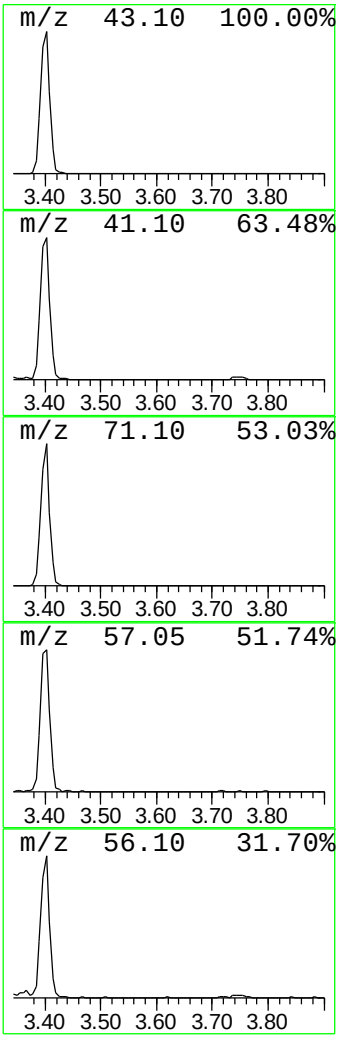
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	31.47 ng/ul	631730	1,4-Dichlorobenzene-d4	8.06

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\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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

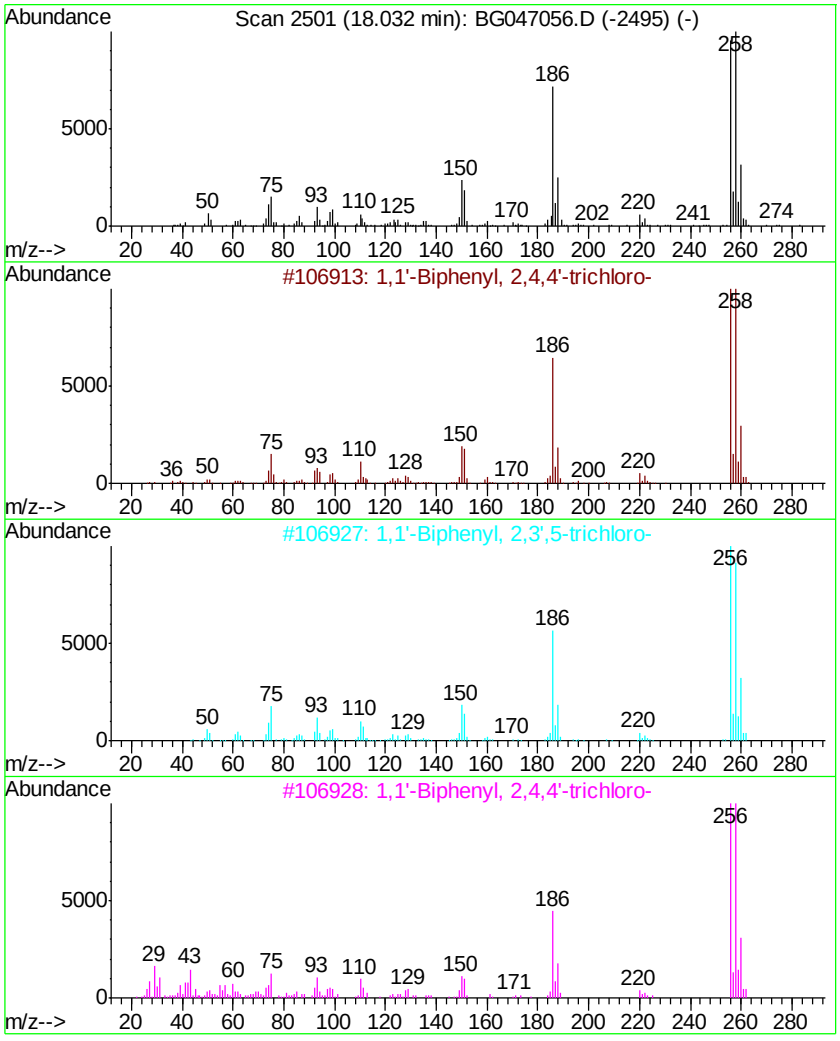
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

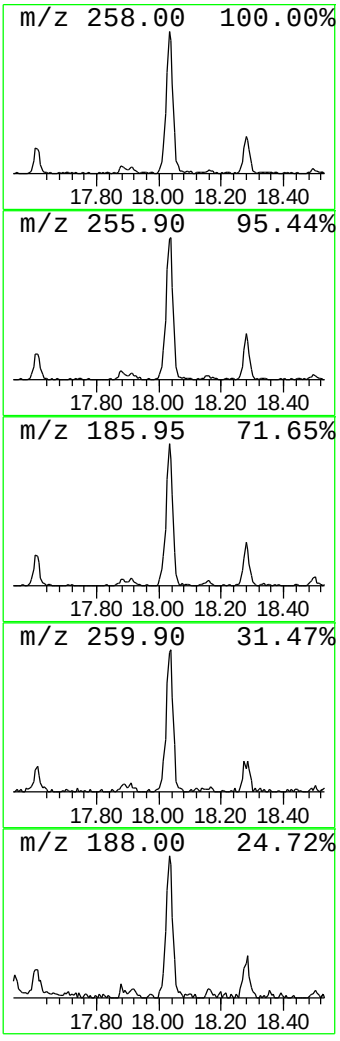
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	9.49 ng/ul	392743	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	96
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96
5	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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

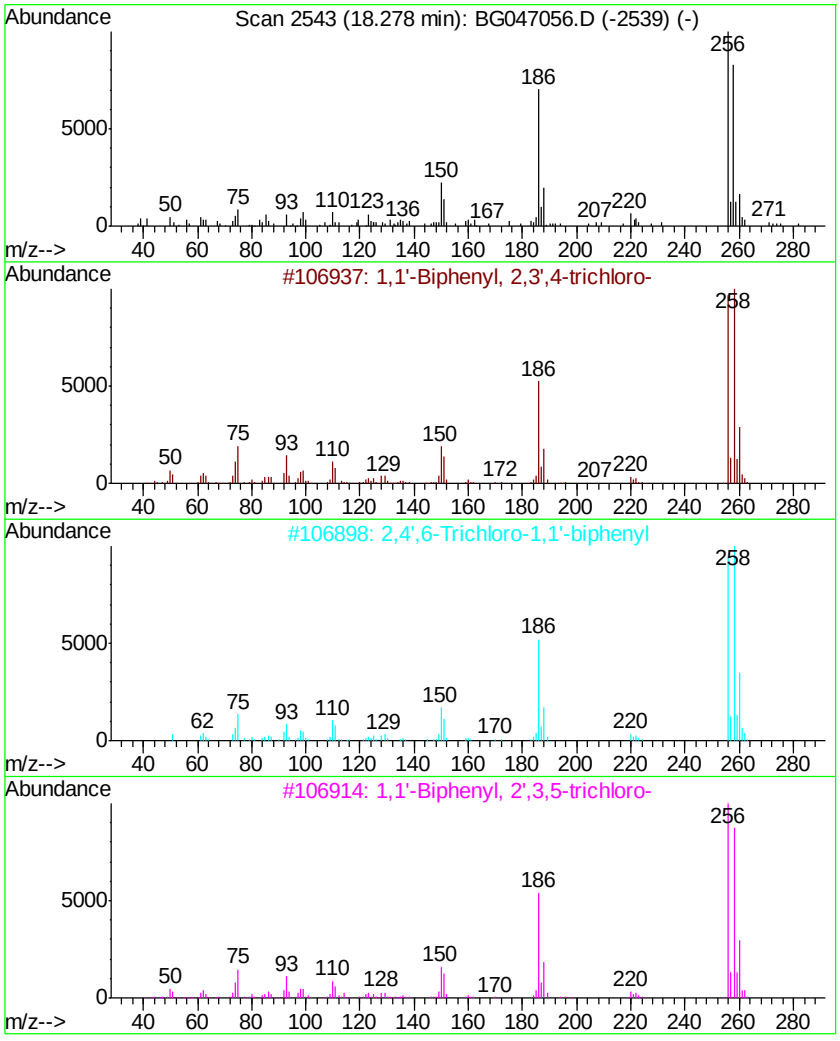
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

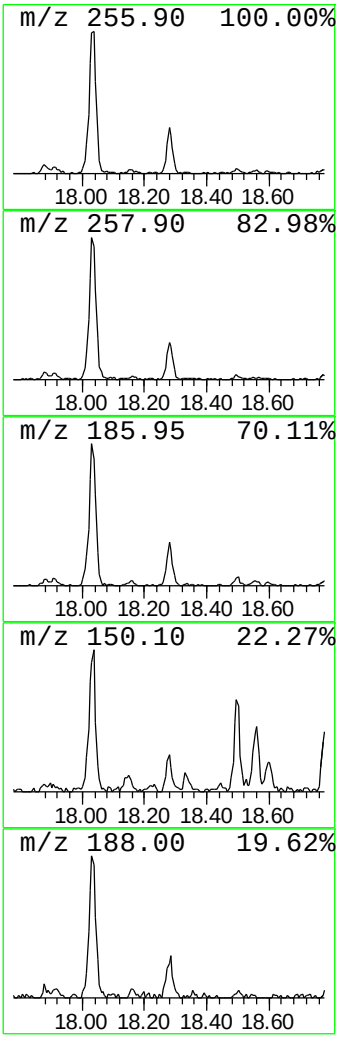
****

Peak Number 3 1,1'-Biphenyl, 2,3',4-trich... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.30 ng/ul	95103	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	95
2	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	94
3	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	94
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	94
5	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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

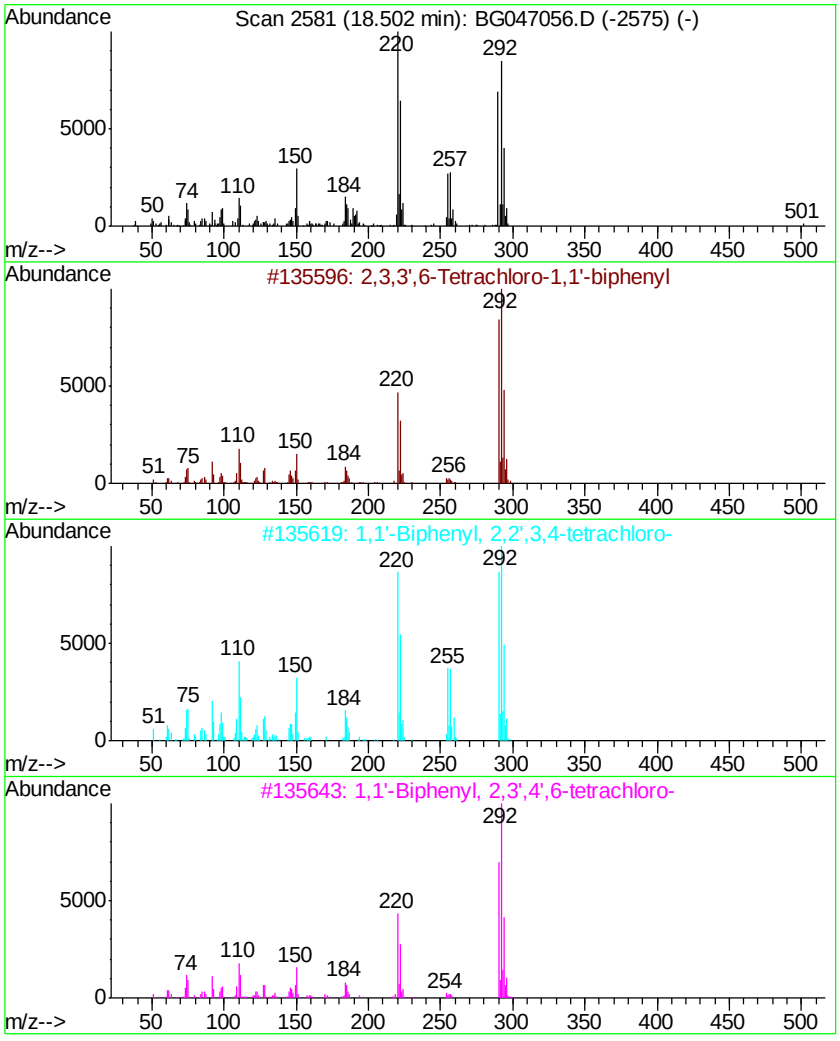
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

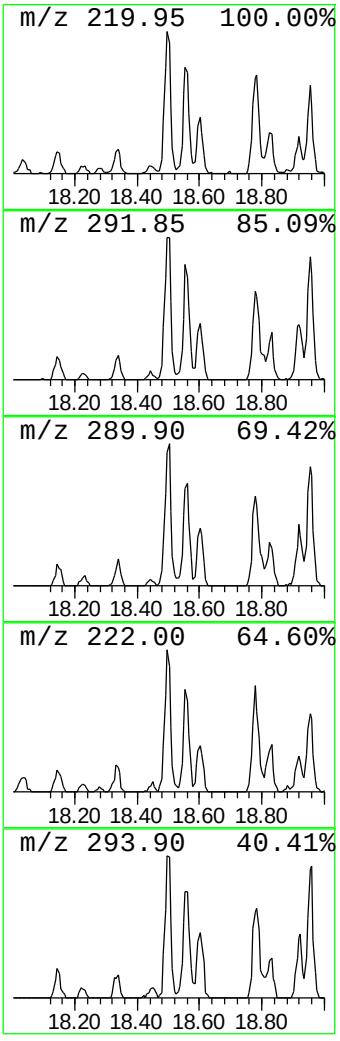
****

Peak Number 4 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	6.75 ng/ul	279261	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, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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

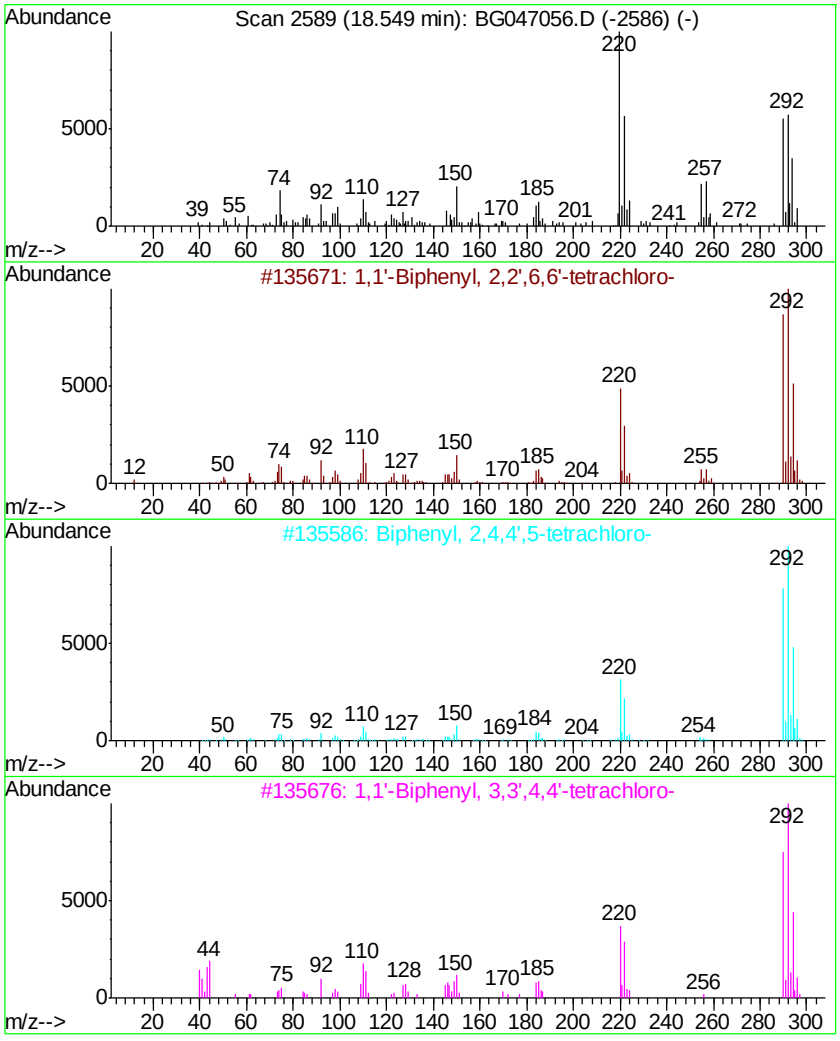
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

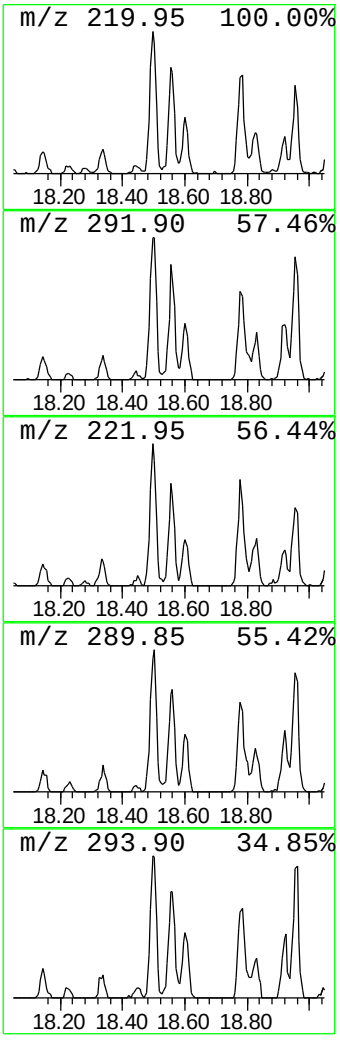
****

Peak Number 5 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.83 ng/ul	199737	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	98
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95





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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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Quant Title : SVOA CALIBRATION

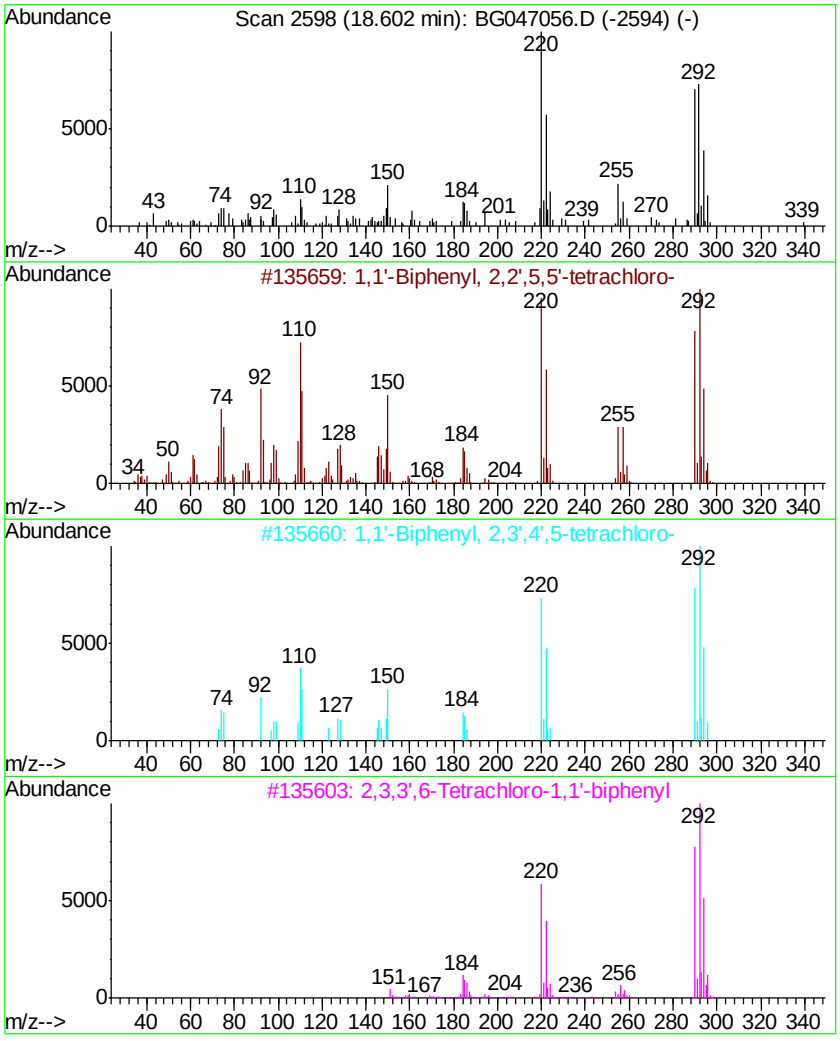
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

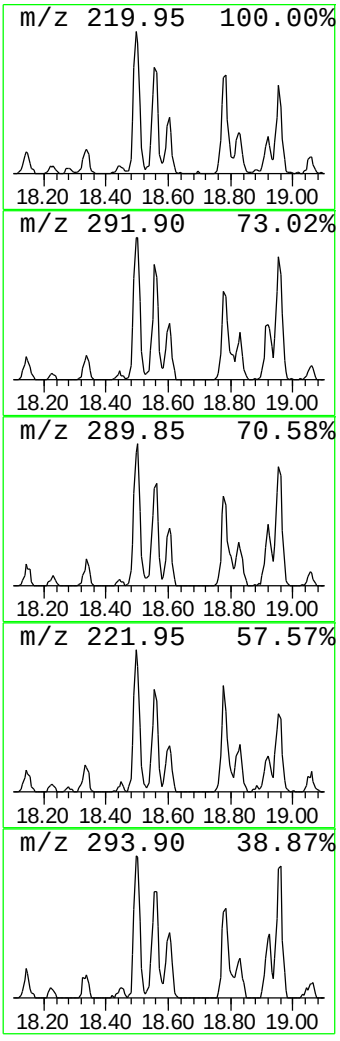
****

Peak Number 6 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.45 ng/ul	101381	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	94
2	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	94
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	93
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	93
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	93





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Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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Quant Title : SVOA CALIBRATION

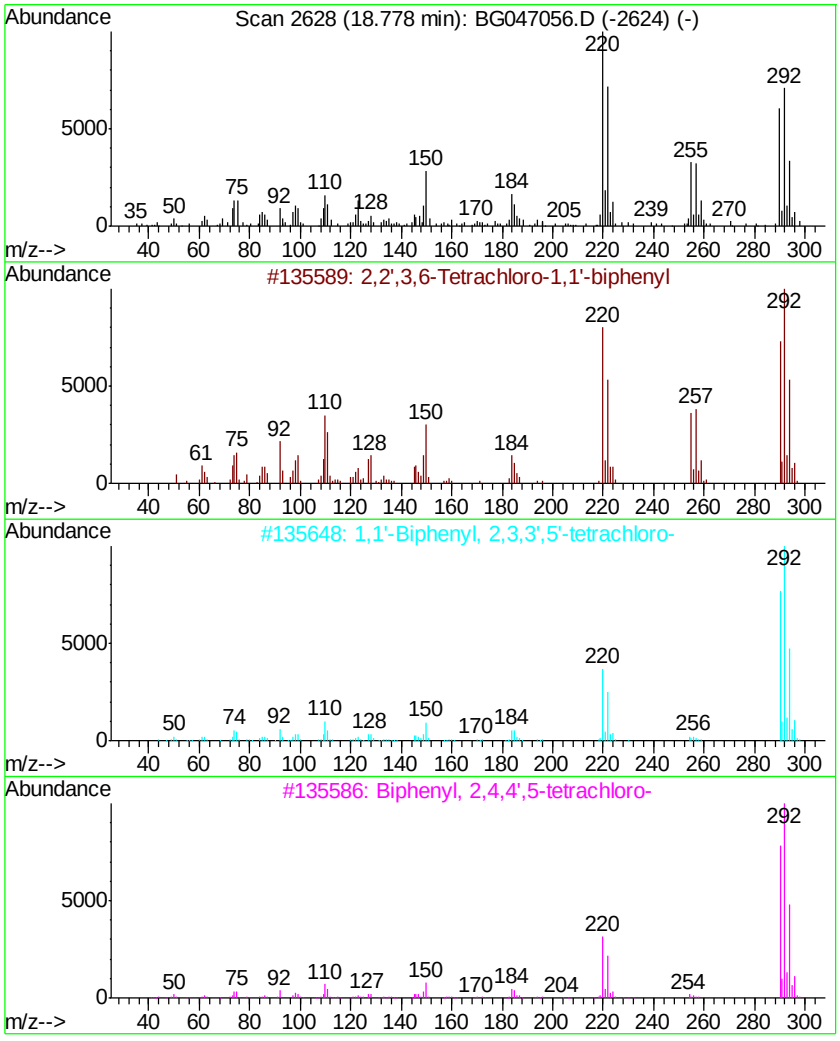
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

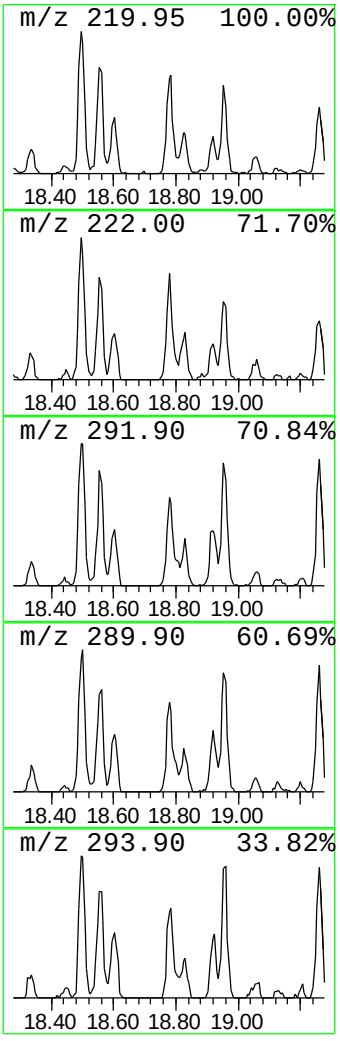
****

Peak Number 7 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	5.06 ng/ul	209650	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, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99





Library Search Compound Report

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Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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Quant Title : SVOA CALIBRATION

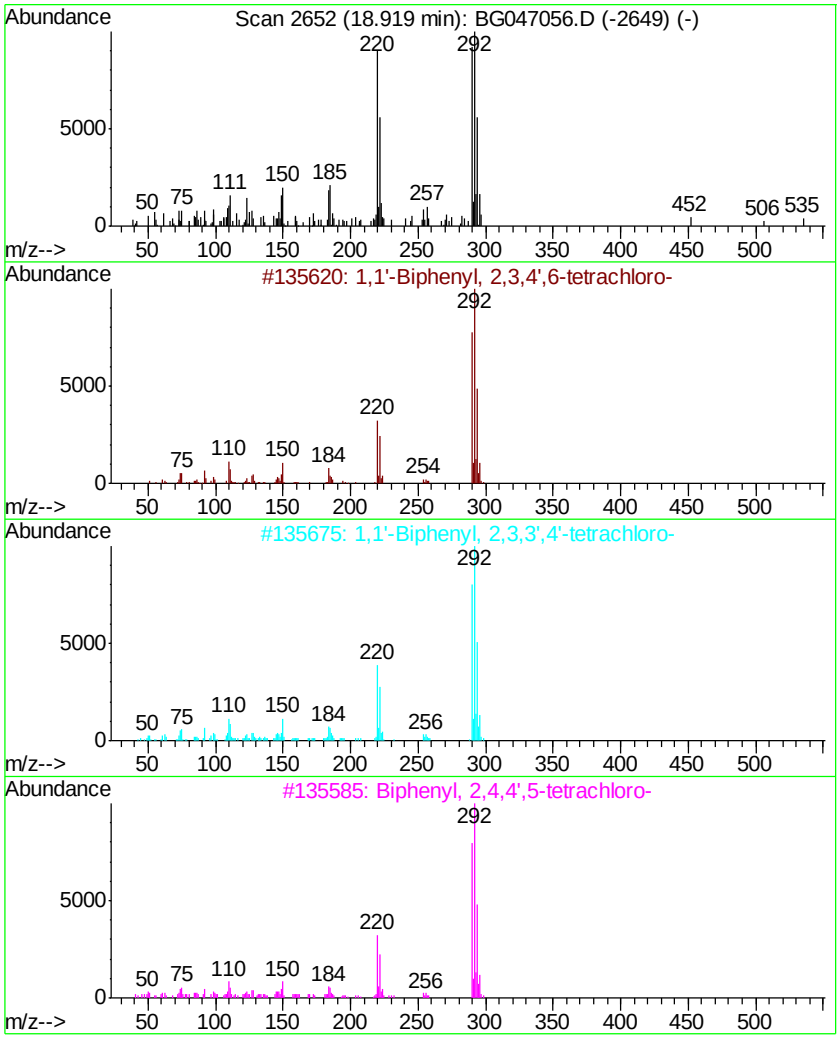
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

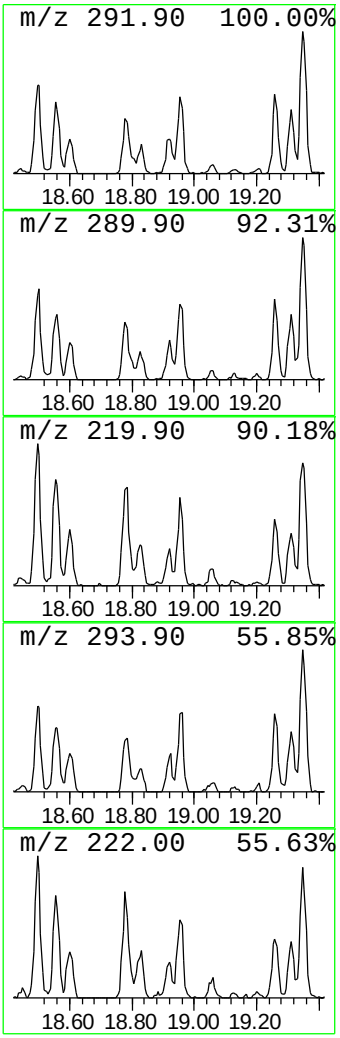
****

Peak Number 8 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.05 ng/ul	84675	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	95
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	95
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95
5	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	95





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Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

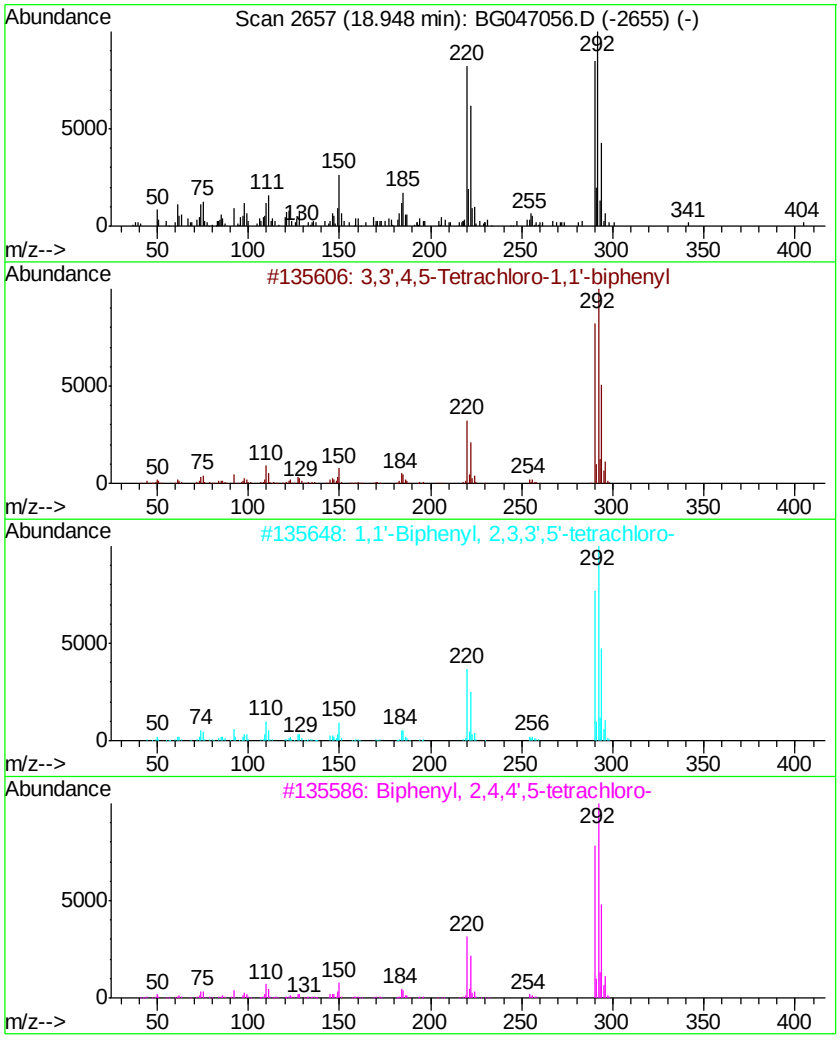
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

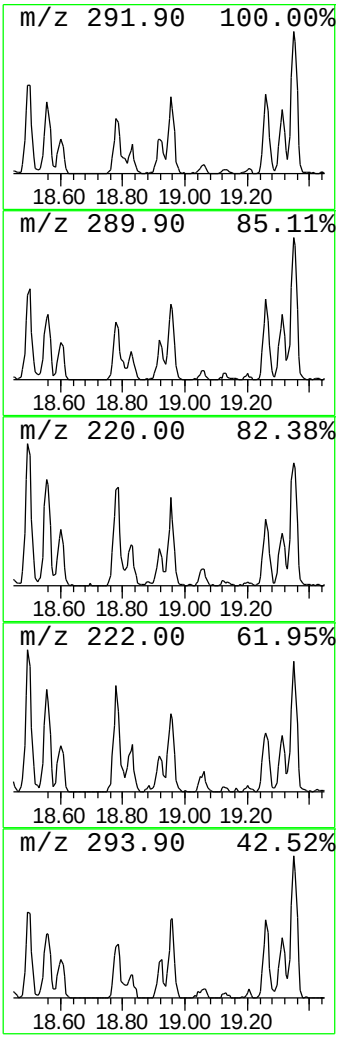
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	4.18 ng/ul	173094	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, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	98





Library Search Compound Report

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Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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Quant Title : SVOA CALIBRATION

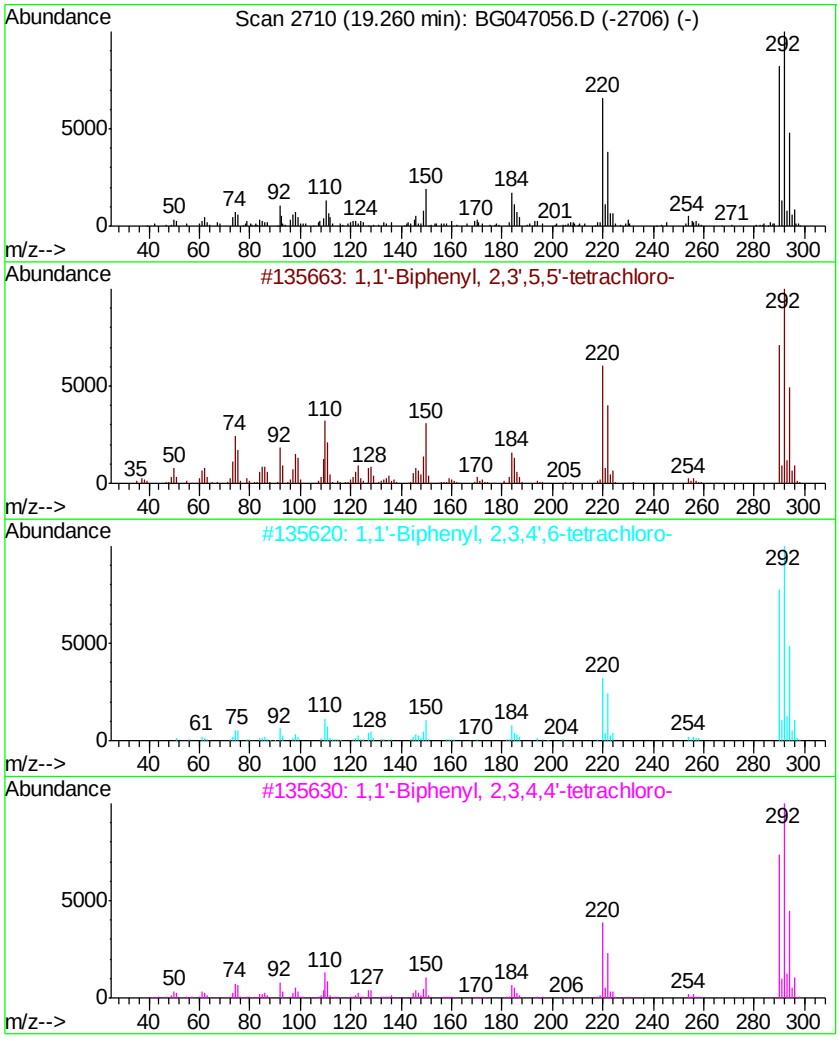
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

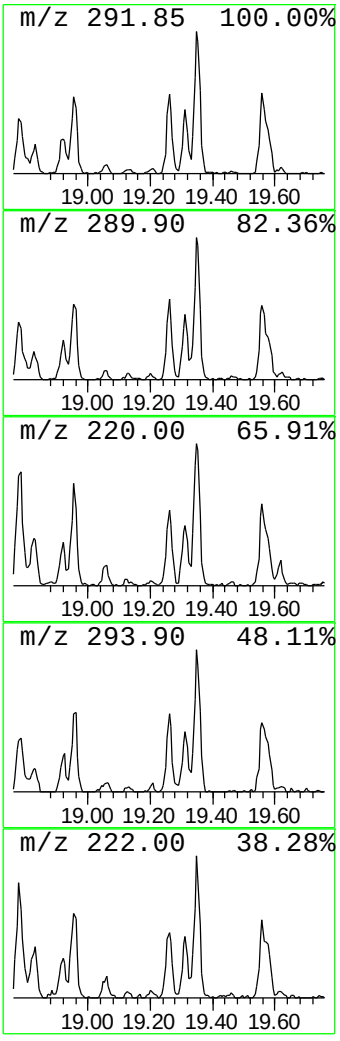
****

Peak Number 10 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.26 ng/ul	135115	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96
3	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	96
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	95
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95





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Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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

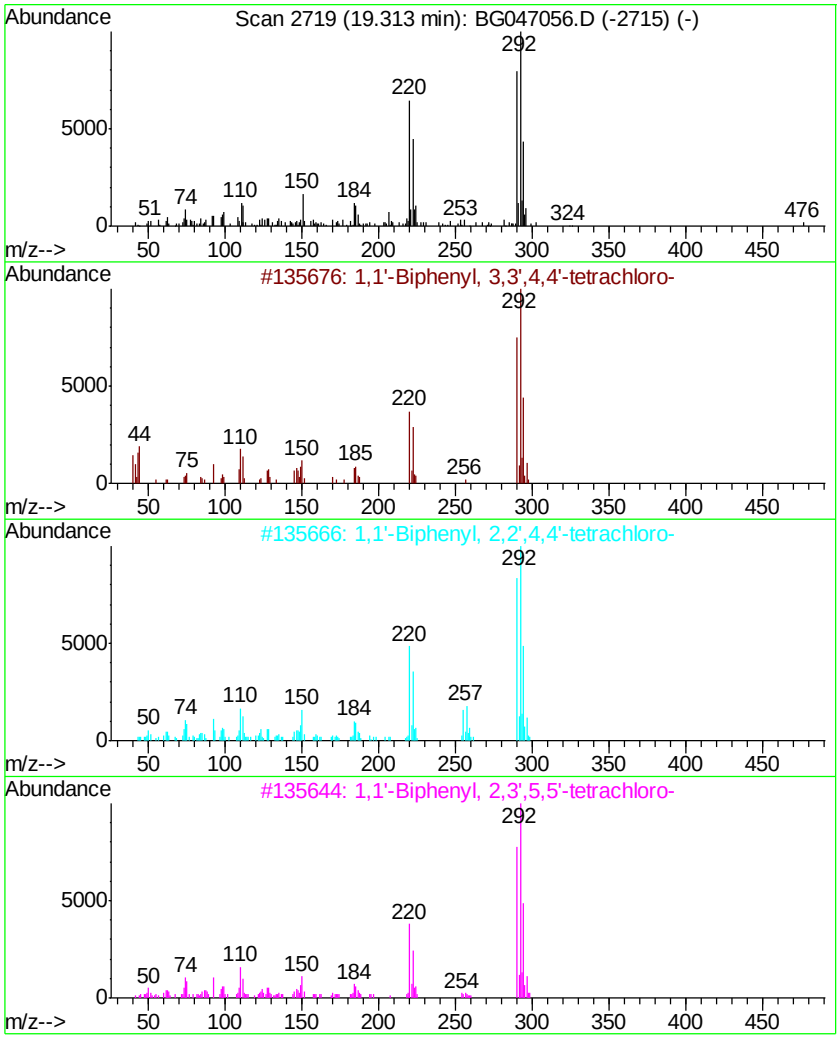
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

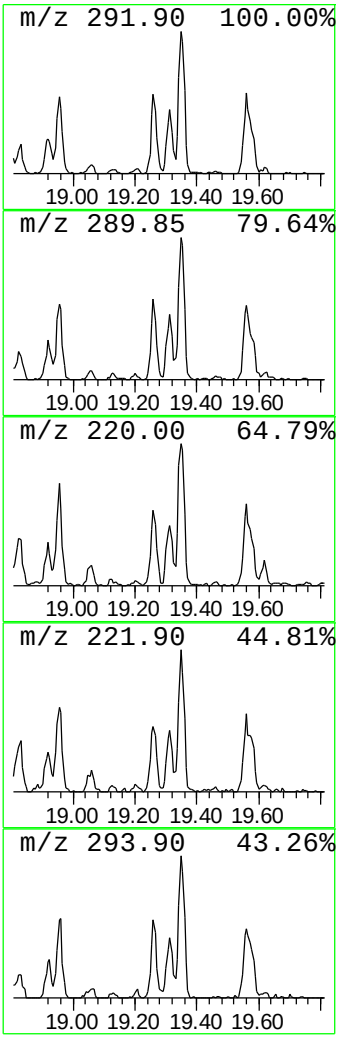
****

Peak Number 11 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.76 ng/ul	114198	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98





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Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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

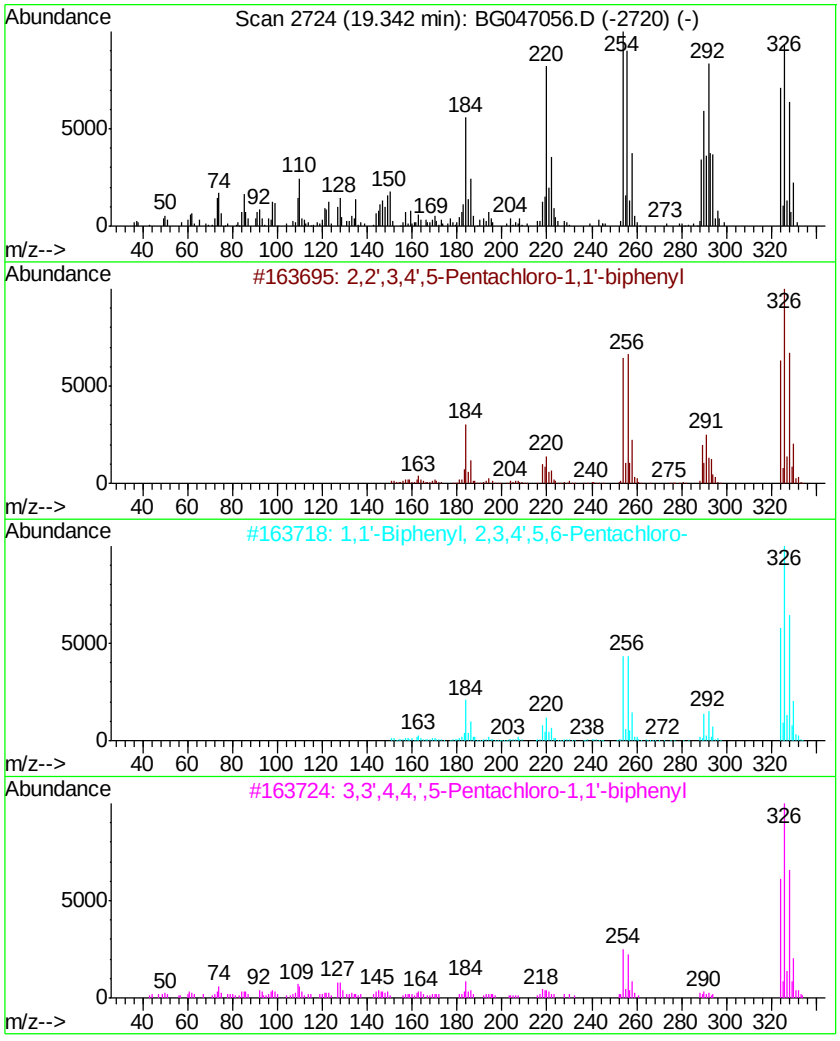
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

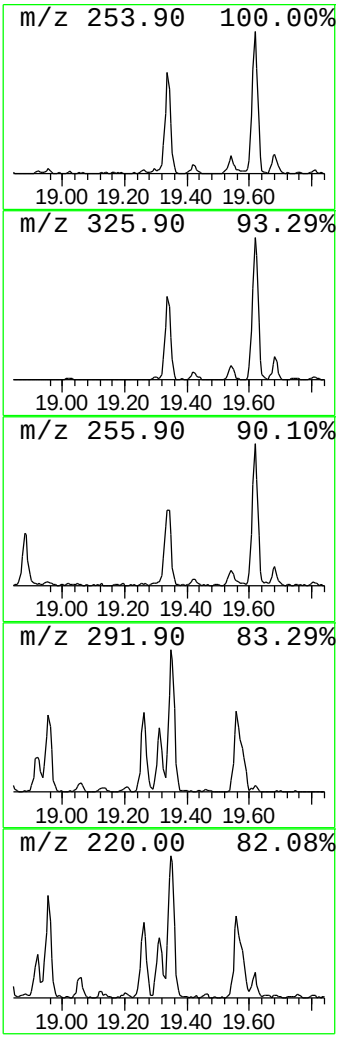
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	12.60 ng/ul	521558	Phenanthrene-d10	17.43

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, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	97
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97
4	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	95
5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	94





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Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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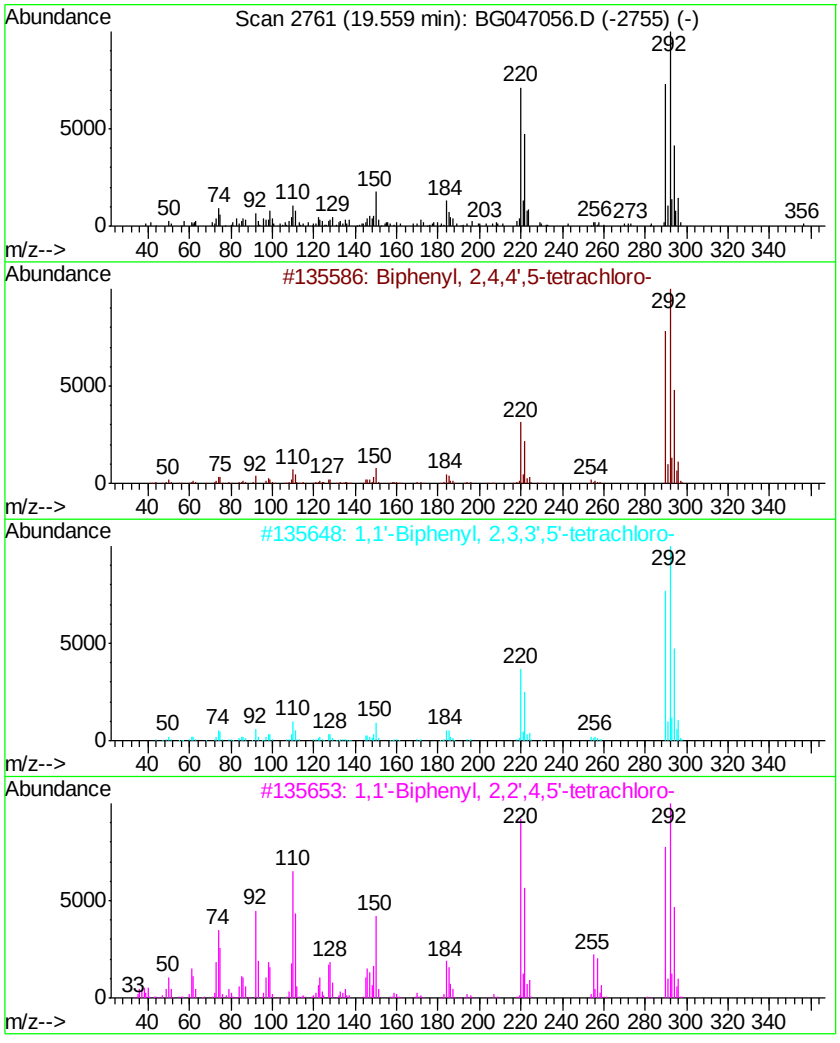
Quant Title : SVOA CALIBRATION

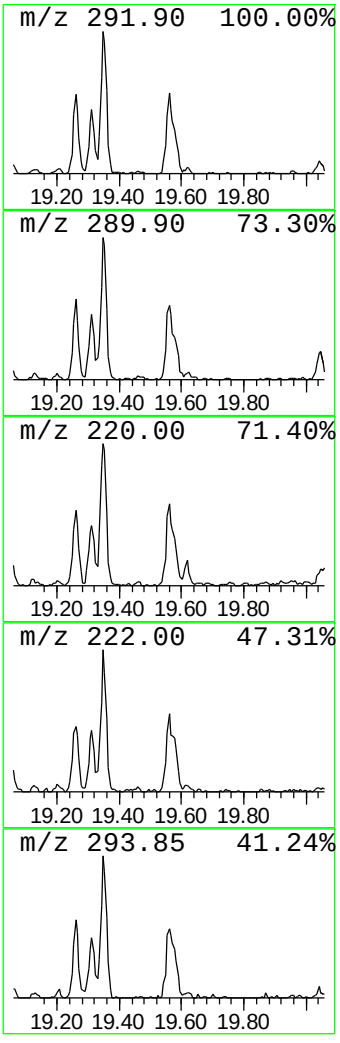
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	6.17 ng/ul	255328	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99





Library Search Compound Report

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Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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

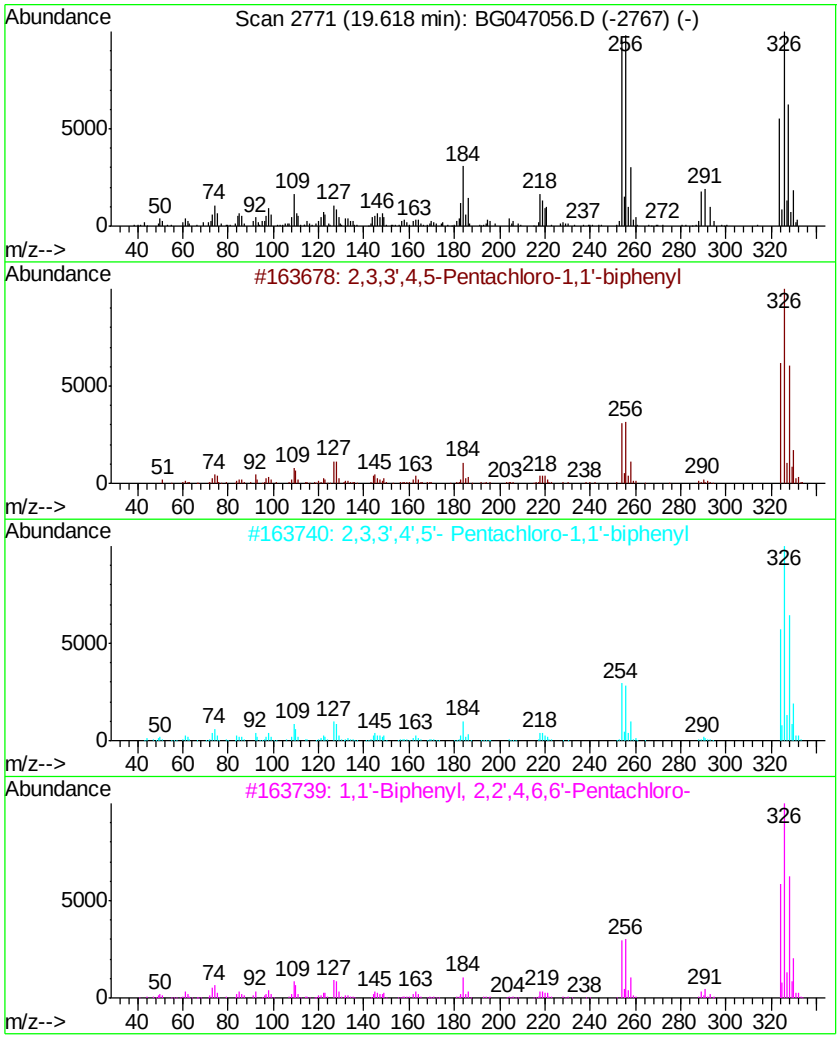
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

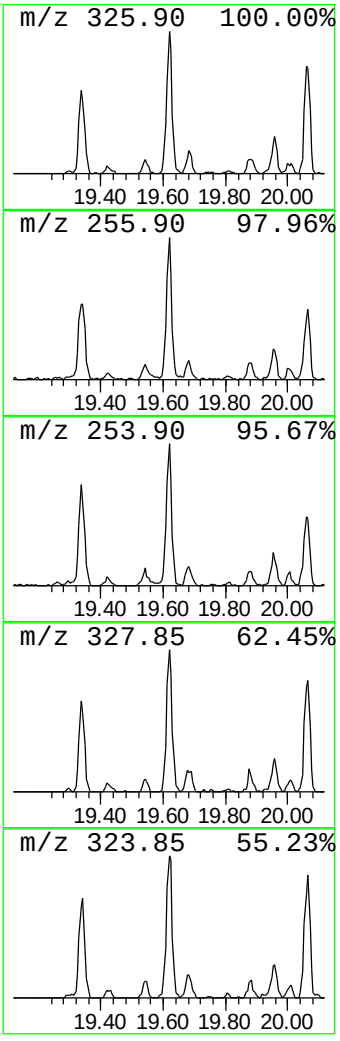
****

Peak Number 14 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	7.89 ng/ul	366679	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99





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Data File : BG047056.D
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Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

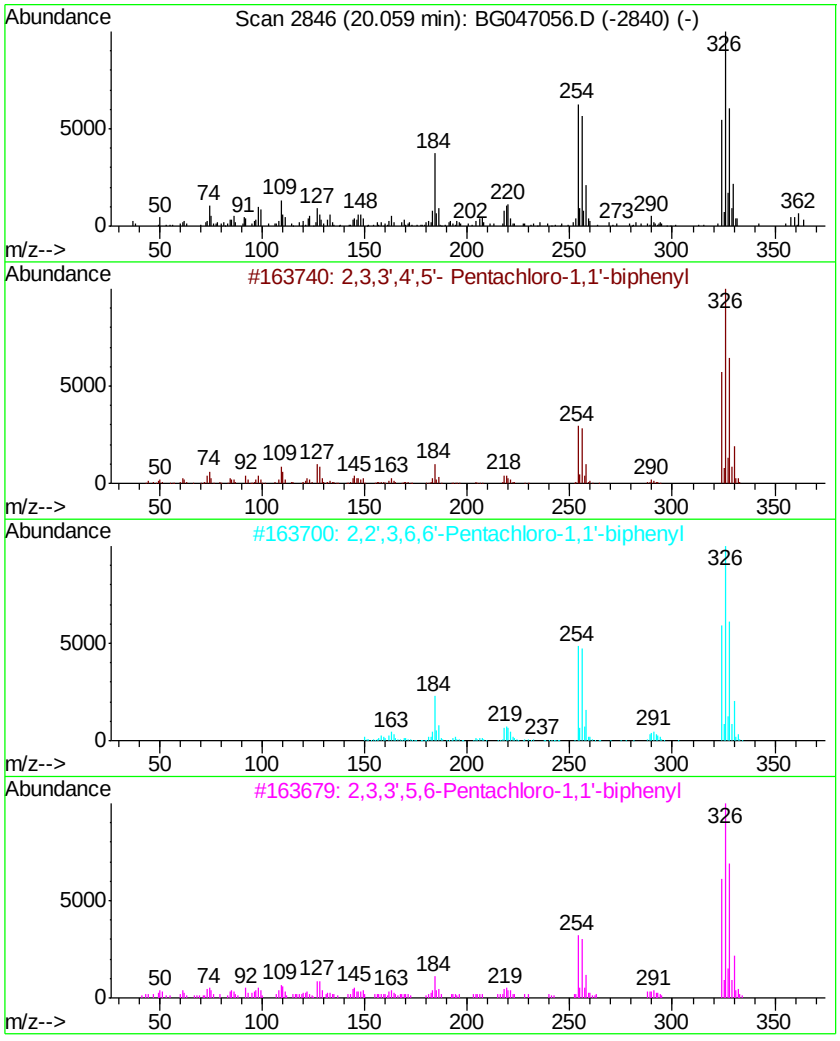
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

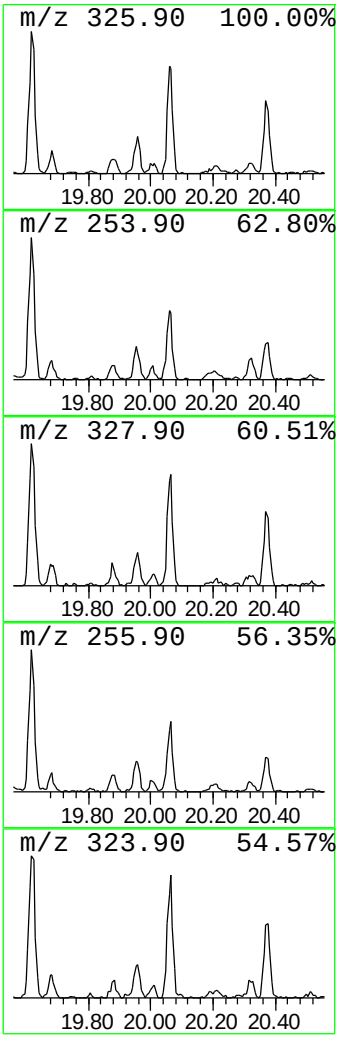
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	6.37 ng/ul	296305	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	98
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	96
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
5	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	96





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Data File : BG047056.D
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Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

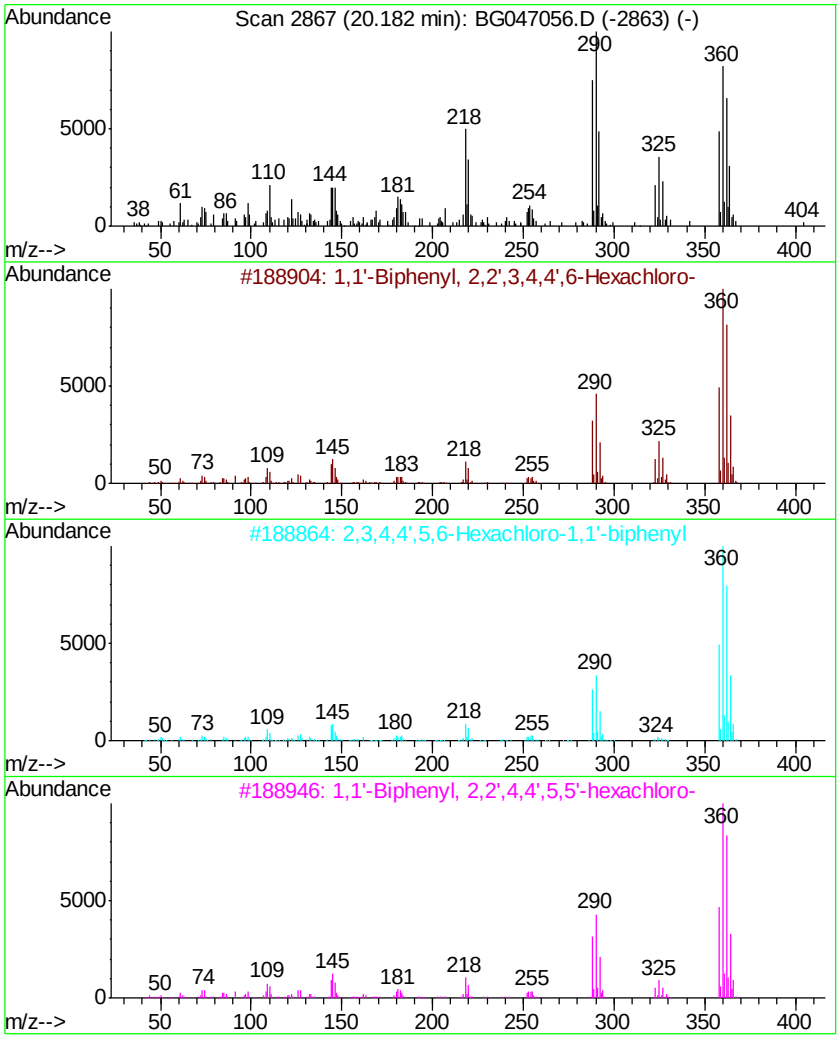
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

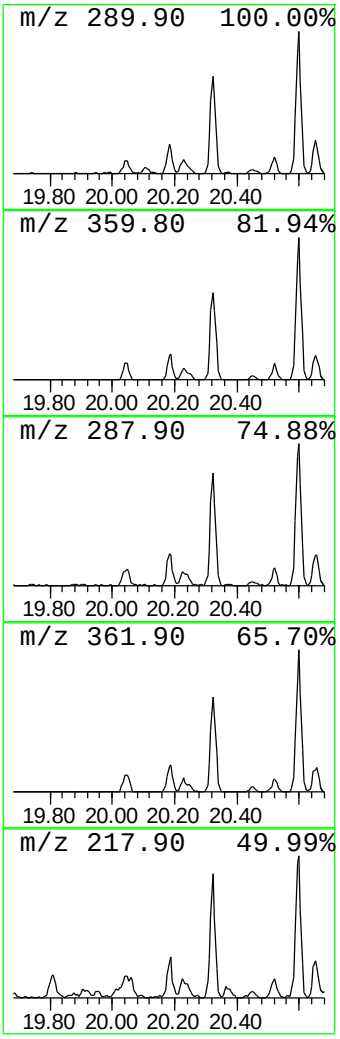
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	3.96 ng/ul	184184	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	97
4	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	97
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	97





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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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Quant Title : SVOA CALIBRATION

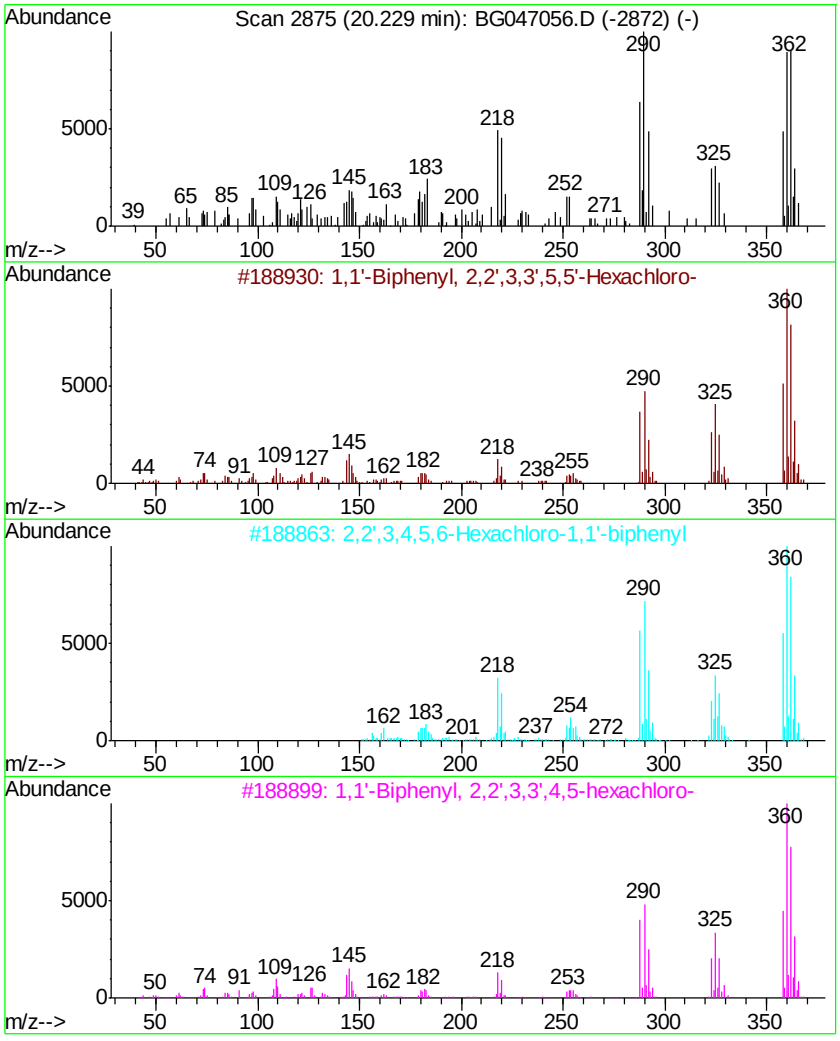
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

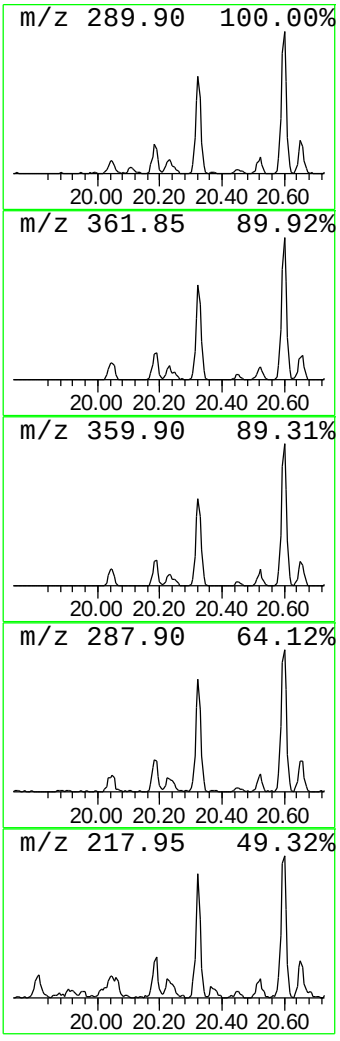
****

Peak Number 17 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.47 ng/ul	114931	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	98
2	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	97
3	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	97
4	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	96
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	96





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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

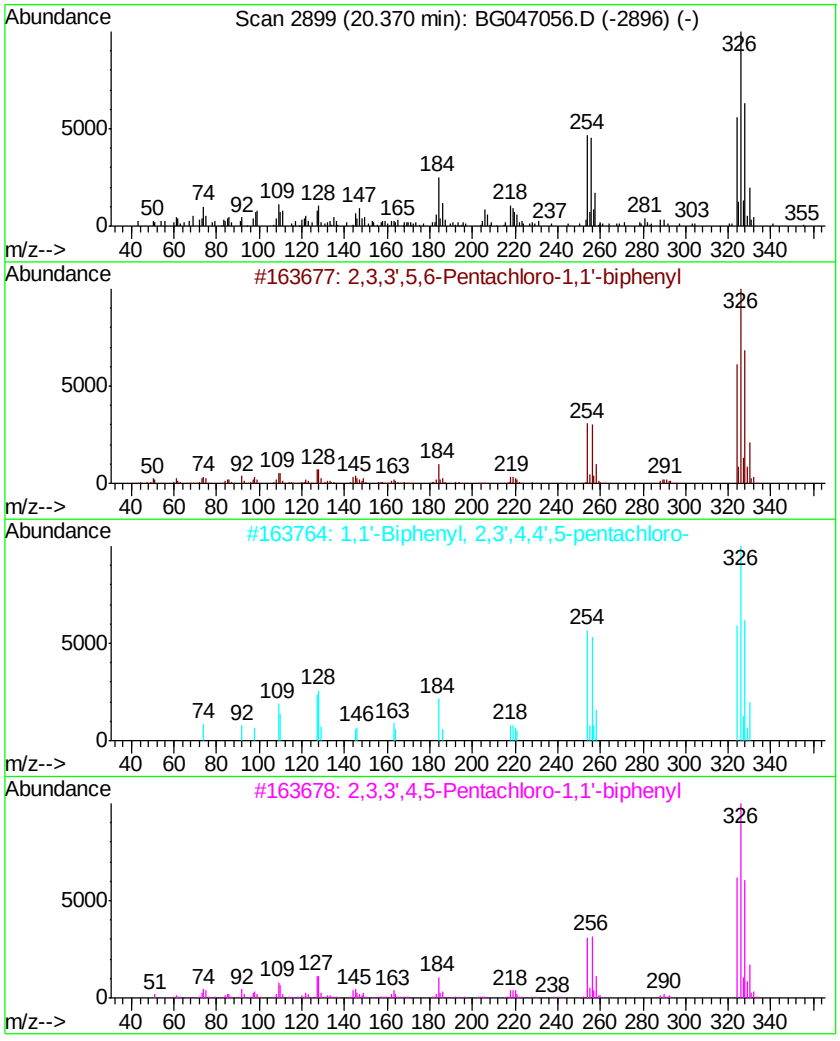
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

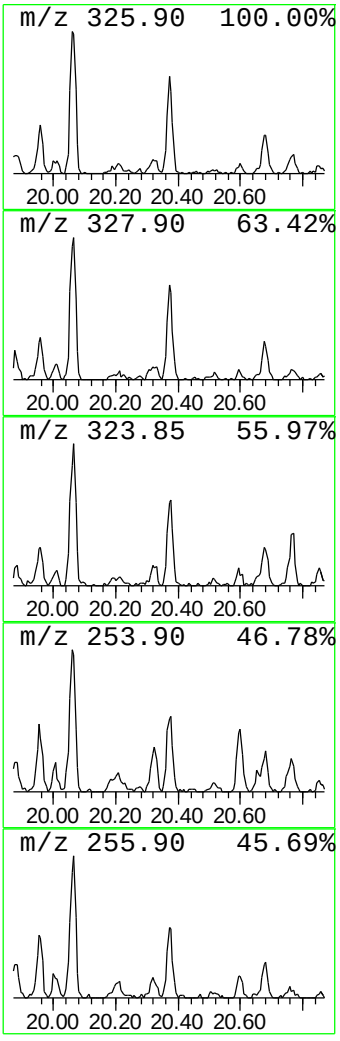
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.90 ng/ul	134621	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	97
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	96
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96





Library Search Compound Report

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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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

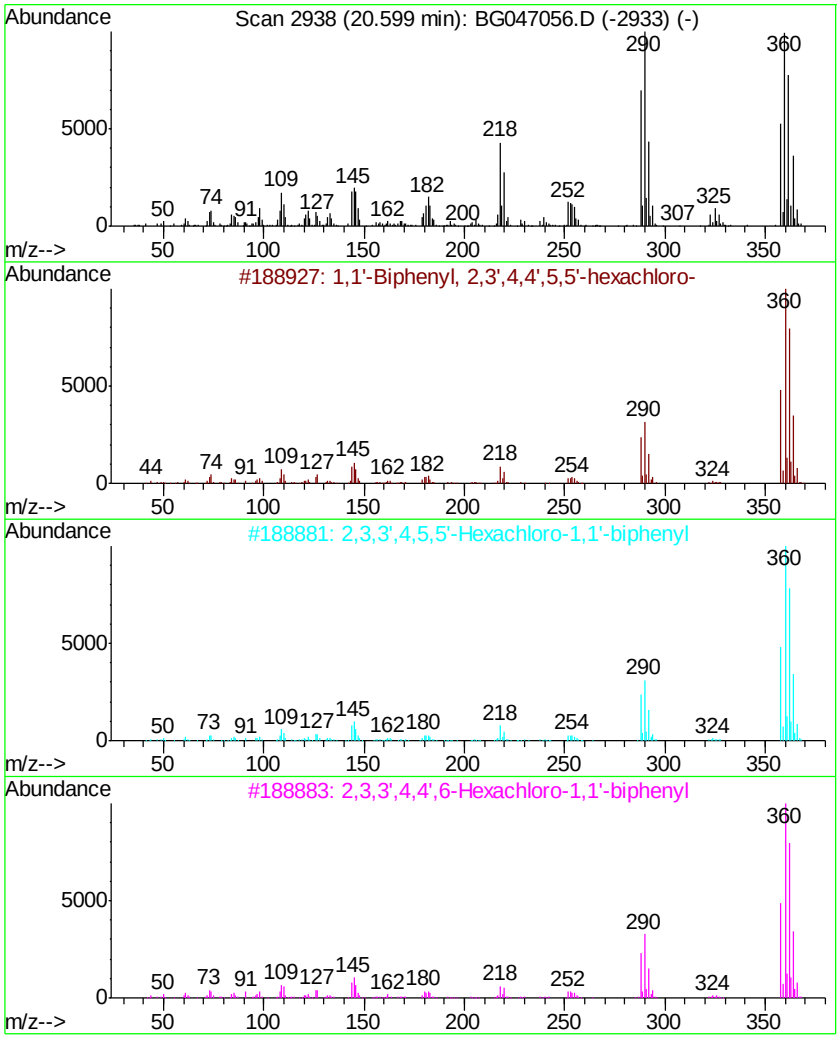
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

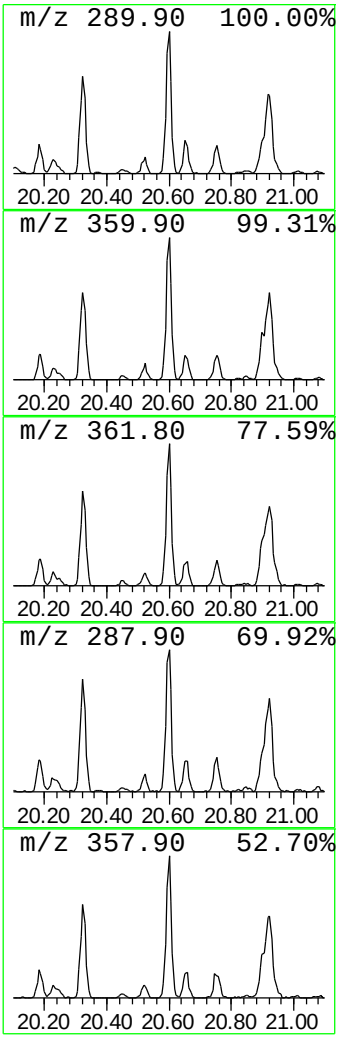
****

Peak Number 20 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	15.33 ng/ul	712504	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99





Library Search Compound Report

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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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Quant Title : SVOA CALIBRATION

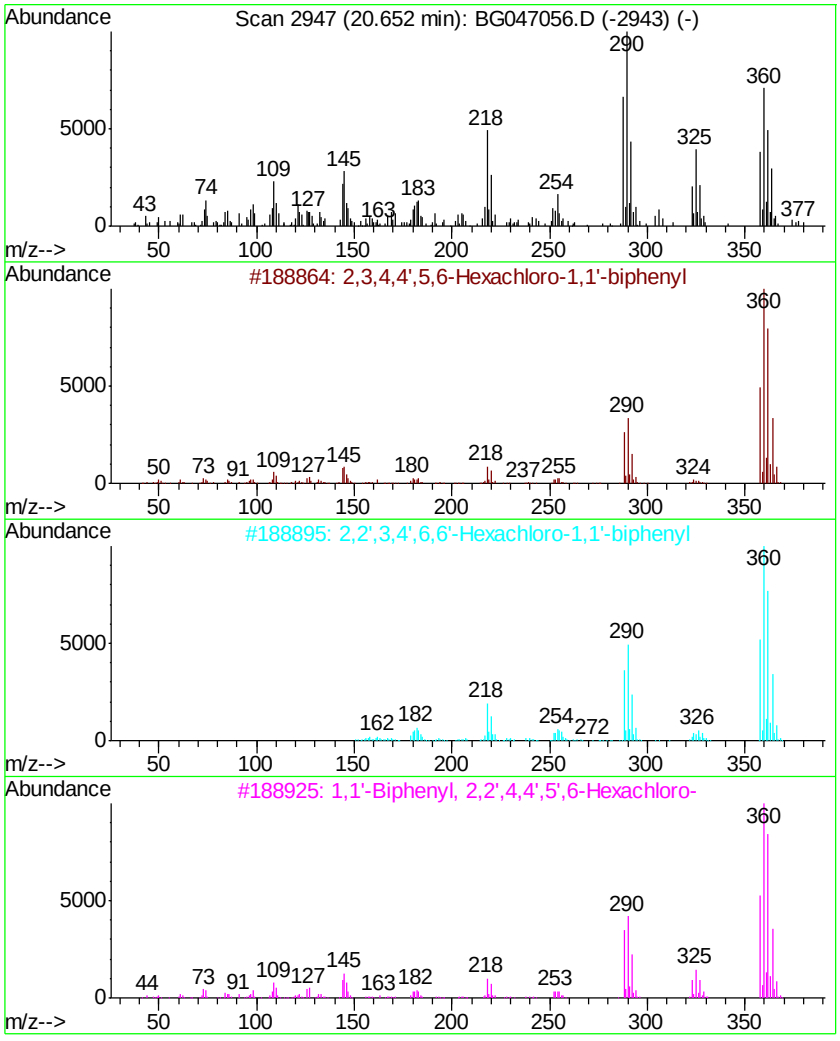
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

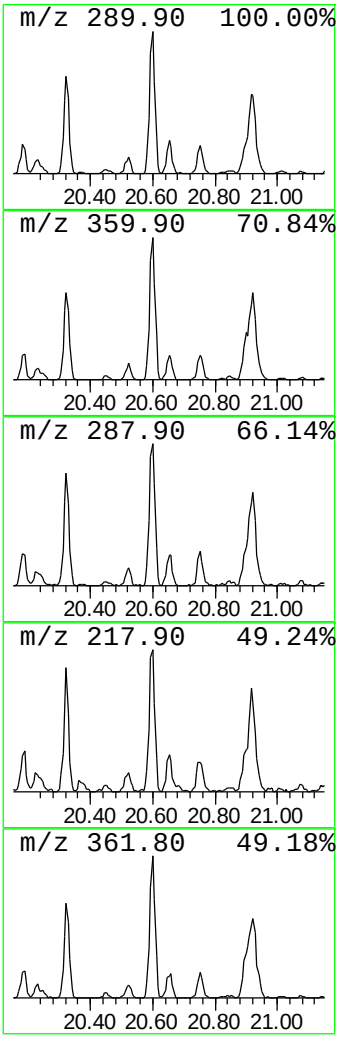
****

Peak Number 21 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	4.36 ng/ul	202689	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	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

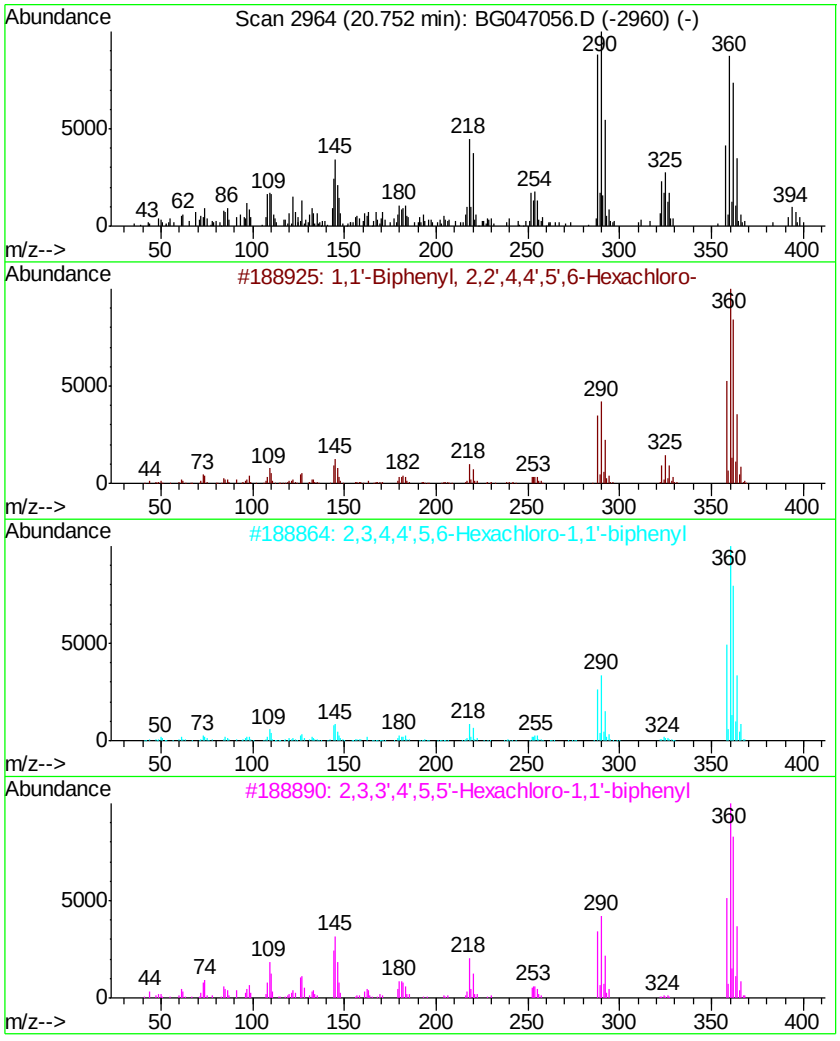
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

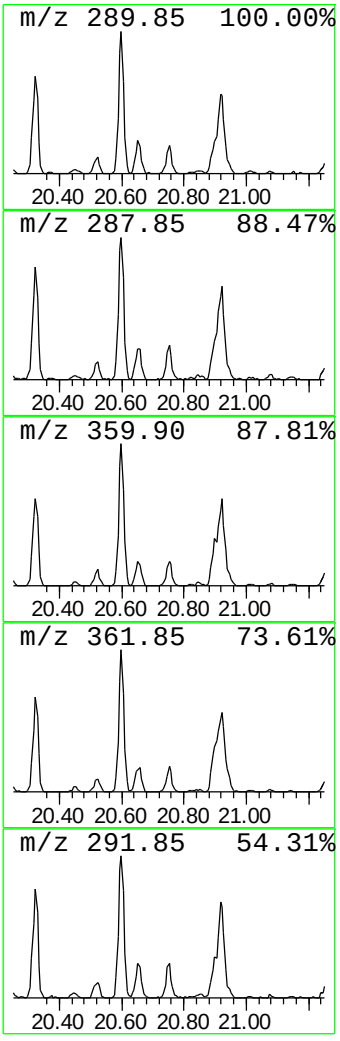
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	5.27 ng/ul	244856	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99





Library Search Compound Report

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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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Quant Title : SVOA CALIBRATION

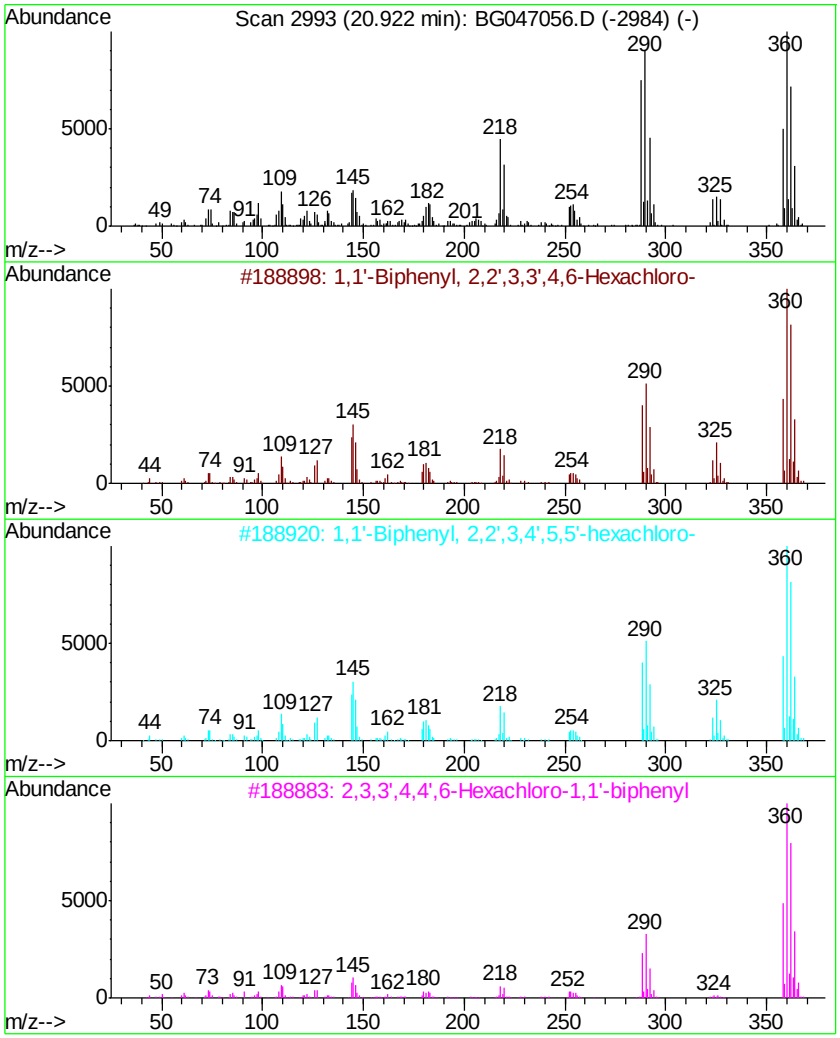
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

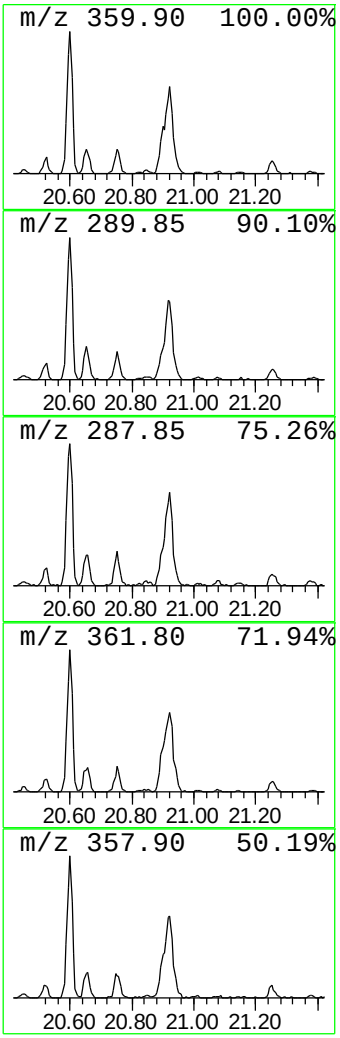
****

Peak Number 23 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	16.22 ng/ul	754123	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	98
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	96





Library Search Compound Report

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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

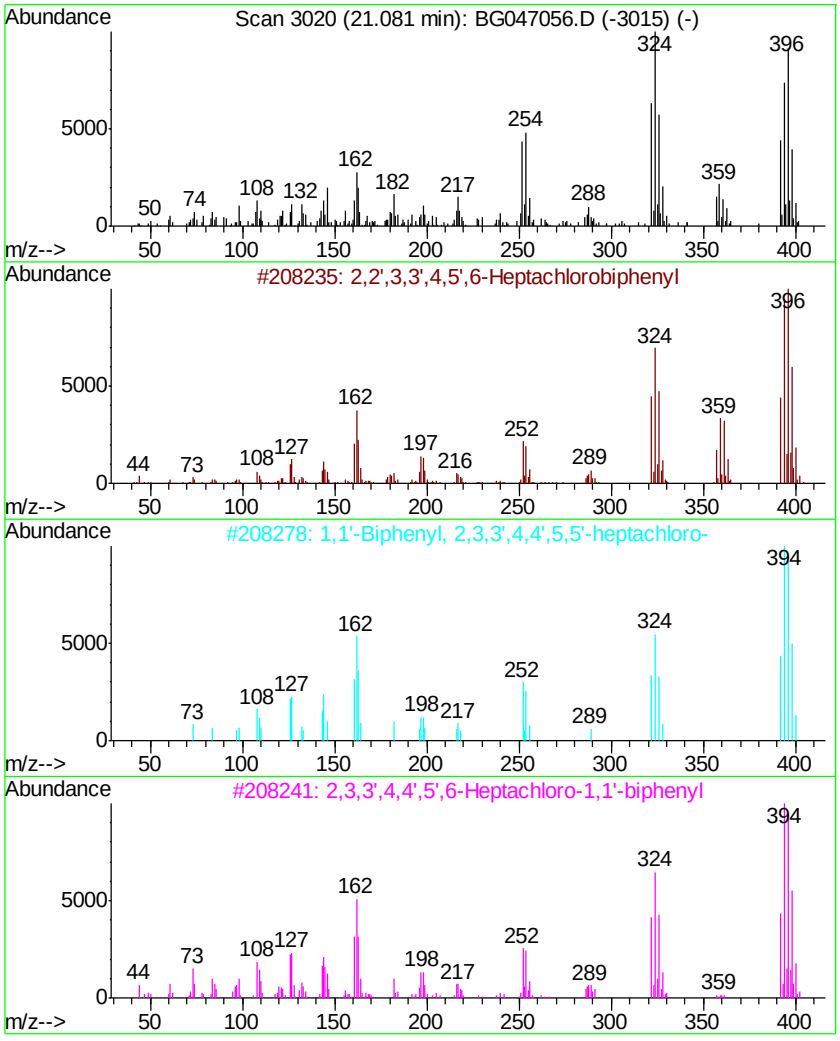
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

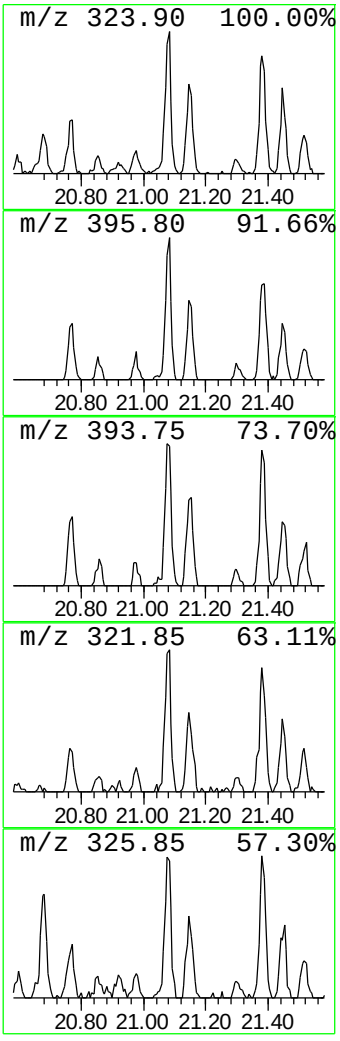
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.55 ng/ul	257889	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
3	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
5	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99





Library Search Compound Report

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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

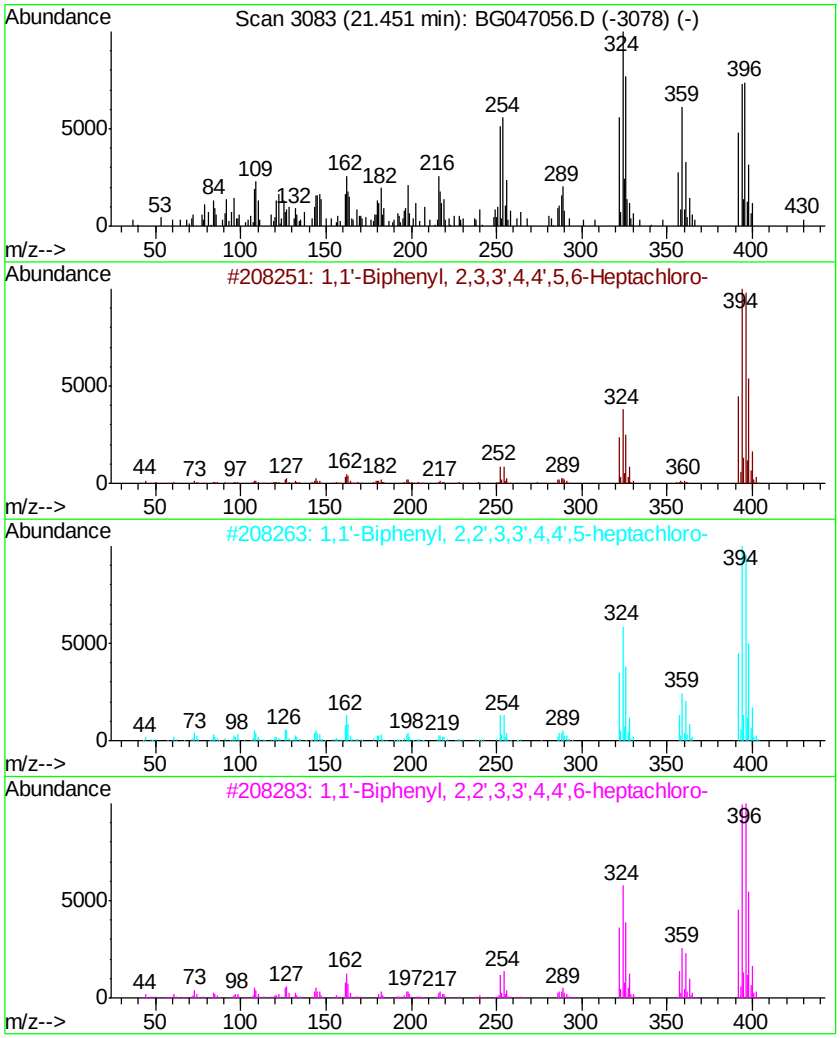
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

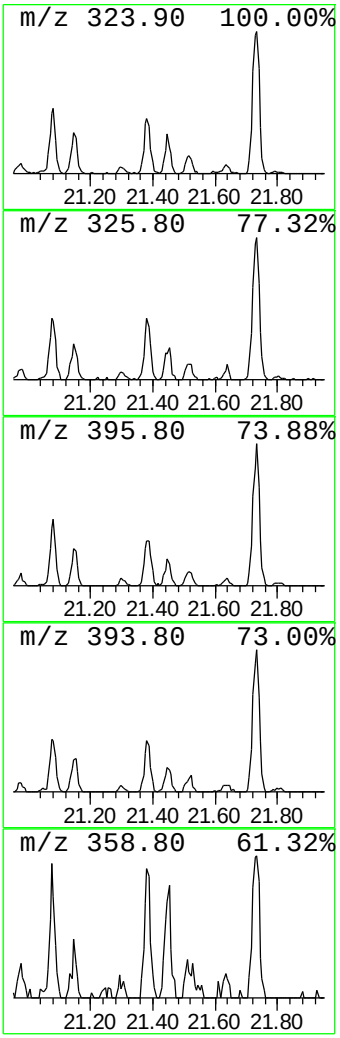
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.27 ng/ul	152025	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	98
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	98
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	96
4	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	96
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	95





Library Search Compound Report

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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

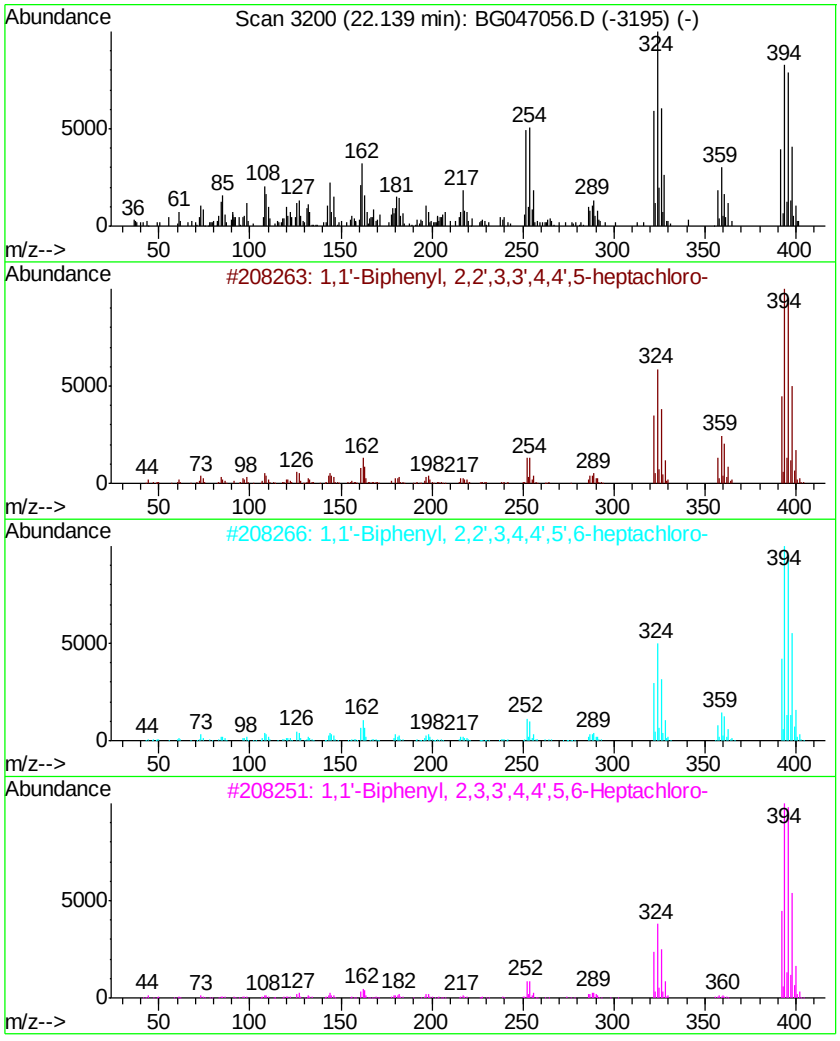
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

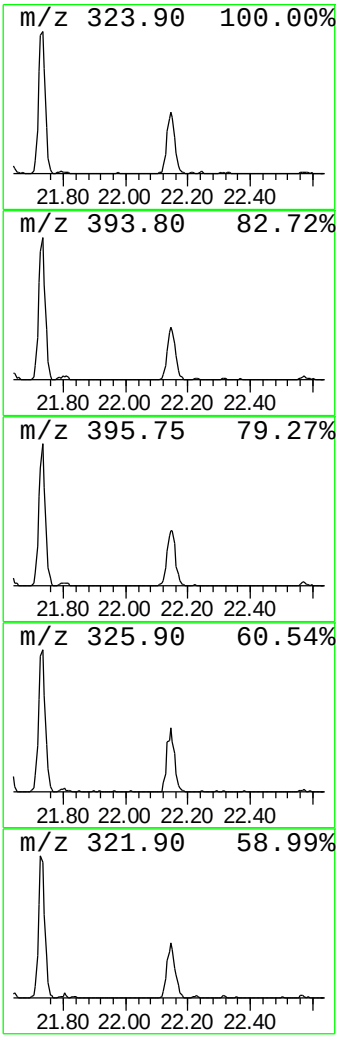
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	7.22 ng/ul	335406	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
2	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99





Library Search Compound Report

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Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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

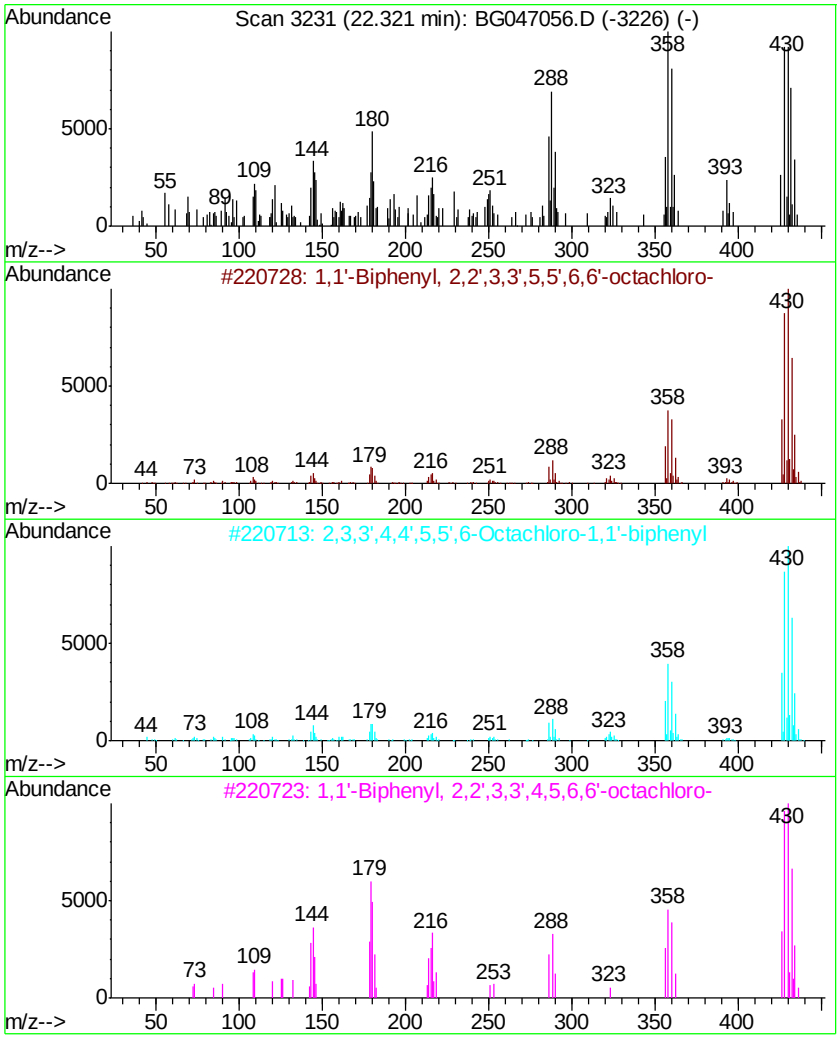
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

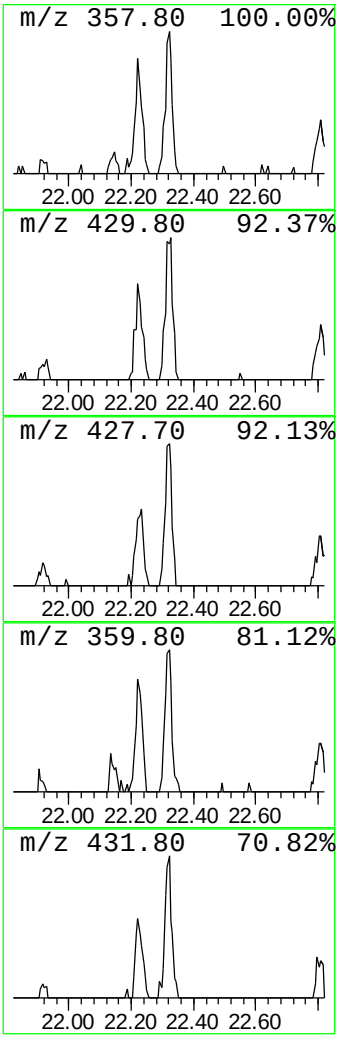
****

Peak Number 29 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.24 ng/ul	104079	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	95
2	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	95
3	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	94
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	93
5	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

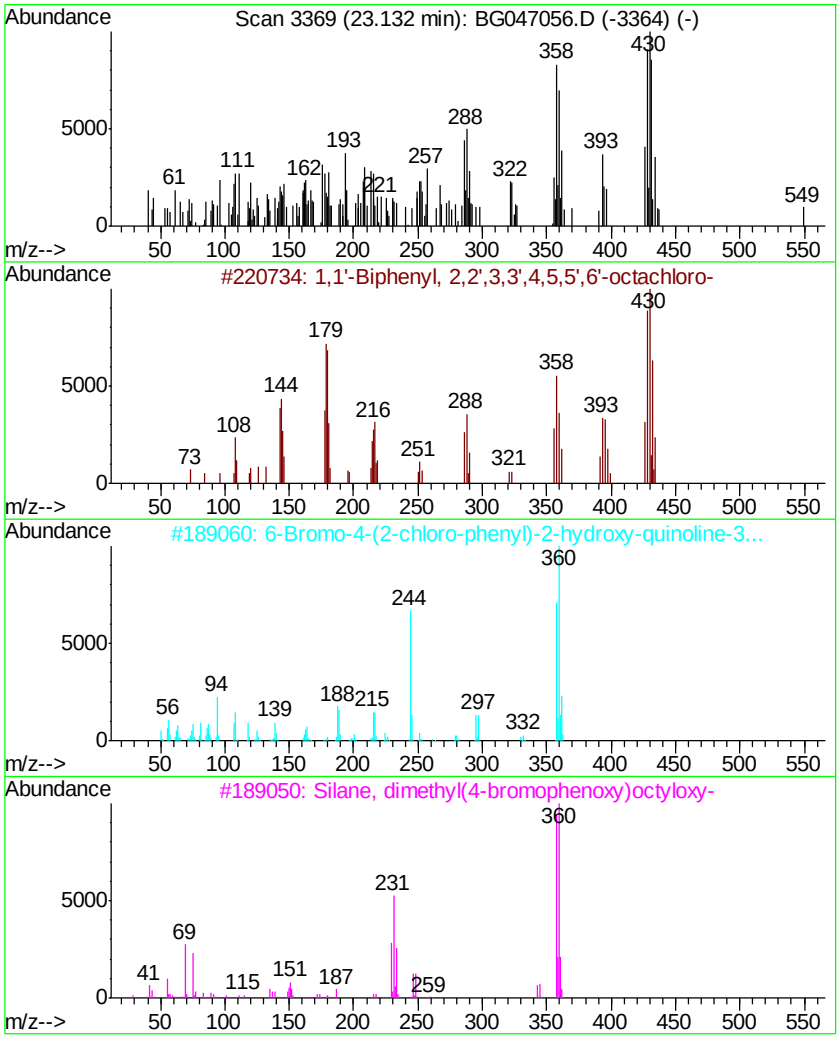
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

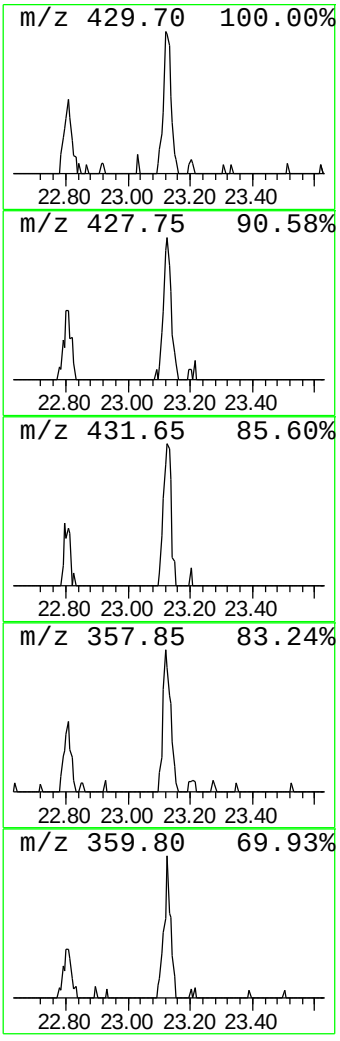
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	2.42 ng/ul	112681	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	58
2	6-Bromo-4-(2-chloro-phenyl)-2-hy...	358	C16H8BrClN2O	284663-85-0	25
3	Silane, dimethyl(4-bromophenoxy)...	358	C16H27BrO2Si	1000347-11-2	18
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	14
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102220\
Data File : BG047056.D
Acq On : 23 Oct 2020 7:50
Operator : CG/JU
Sample : L4451-06
Misc : GCMS CONFIRMATION
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG0

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	31.5	ng/ul	631730	1	8.06	401464	20.0
1,1'-Biphenyl, 2,...	18.03	9.5	ng/ul	392743	4	17.43	827923	20.0
1,1'-Biphenyl, 2,...	18.28	2.3	ng/ul	95103	4	17.43	827923	20.0
2,3,3',6-Tetrachl...	18.50	6.8	ng/ul	279261	4	17.43	827923	20.0
1,1'-Biphenyl, 2,...	18.55	4.8	ng/ul	199737	4	17.43	827923	20.0
1,1'-Biphenyl, 2,...	18.60	2.5	ng/ul	101381	4	17.43	827923	20.0
2,2',3,6-Tetrachl...	18.78	5.1	ng/ul	209650	4	17.43	827923	20.0
1,1'-Biphenyl, 2,...	18.92	2.0	ng/ul	84675	4	17.43	827923	20.0
3,3',4,5-Tetrachl...	18.95	4.2	ng/ul	173094	4	17.43	827923	20.0
1,1'-Biphenyl, 2,...	19.26	3.3	ng/ul	135115	4	17.43	827923	20.0
1,1'-Biphenyl, 3,...	19.31	2.8	ng/ul	114198	4	17.43	827923	20.0
2,2',3,4',5-Penta...	19.34	12.6	ng/ul	521558	4	17.43	827923	20.0
Biphenyl, 2,4,4',...	19.56	6.2	ng/ul	255328	4	17.43	827923	20.0
2,3,3',4,5-Pentac...	19.62	7.9	ng/ul	366679	5	21.70	929679	20.0
2,3,3',4',5'- Pen...	20.06	6.4	ng/ul	296305	5	21.70	929679	20.0
1,1'-Biphenyl, 2,...	20.18	4.0	ng/ul	184184	5	21.70	929679	20.0
1,1'-Biphenyl, 2,...	20.23	2.5	ng/ul	114931	5	21.70	929679	20.0
2,3,3',5,6-Pentac...	20.37	2.9	ng/ul	134621	5	21.70	929679	20.0
1,1'-Biphenyl, 2,...	20.60	15.3	ng/ul	712504	5	21.70	929679	20.0
2,3,4,4',5,6-Hexa...	20.65	4.4	ng/ul	202689	5	21.70	929679	20.0
1,1'-Biphenyl, 2,...	20.75	5.3	ng/ul	244856	5	21.70	929679	20.0
1,1'-Biphenyl, 2,...	20.92	16.2	ng/ul	754123	5	21.70	929679	20.0
2,2',3,3',4,5',6-...	21.08	5.5	ng/ul	257889	5	21.70	929679	20.0
1,1'-Biphenyl, 2,...	21.45	3.3	ng/ul	152025	5	21.70	929679	20.0
1,1'-Biphenyl, 2,...	22.14	7.2	ng/ul	335406	5	21.70	929679	20.0
1,1'-Biphenyl, 2,...	22.32	2.2	ng/ul	104079	5	21.70	929679	20.0
1,1'-Biphenyl, 2,...	23.13	2.4	ng/ul	112681	5	21.70	929679	20.0