LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

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	3.392	4	9	17	rVB	507765	578956	46.31%	5.010%
2	3.492	24	26	30	rVB3	2428	2626	0.21%	0.023%
3	3.709	57	63	64	rBV3	3854	4783	0.38%	0.041%
4	3.738	64	68	75	rVB	14915	21881	1.75%	0.189%
5	3.826	81	83	87	rVB	2112	2157	0.17%	0.019%
6	4.109	128	131	132	rBV	1781	1650	0.13%	0.014%
7	4.214	144	149	151	rBV2	6196	6467	0.52%	0.056%
8	4.332	166	169	172	rBV	1341	1898	0.15%	0.016%
9	5.025	283	287	289	rBV2	1158	1482	0.12%	0.013%
10	5.066	292	294	297	rVV2	1913	2033	0.16%	0.018%
11	5.342	338	341	344	rBV	1011	1645	0.13%	0.014%
12	5.436	355	357	361	rBV2	1482	1960	0.16%	0.017%
13	5.701	398	402	404	rBV	1829	2098	0.17%	0.018%
14	6.535	541	544	551	rVB2	3395	4471	0.36%	0.039%
15	7.375	684	687	692	rBV2	1409	2267	0.18%	0.020%
16	8.051	795	802	812	rBV	243157	408551	32.68%	3.535%
17	8.116	812	813	817	rVV	3042	2174	0.17%	0.019%
18	8.192	821	826	831	rVB2	4049	6531	0.52%	0.057%
19	10.636	1240	1242	1244	rBV	1583	1623	0.13%	0.014%
20	10.865	1273	1281	1290	rBV	291326	535910	42.87%	4.637%
21	10.924	1290	1291	1296	rVB2	2409	2398	0.19%	0.021%
22	11.206	1336	1339	1342	rVB2	1196	1676	0.13%	0.015%
23	11.335	1357	1361	1366	rVB3	2317	2730	0.22%	0.024%
24	14.032	1818	1820	1824	rBV2	1611	2256	0.18%	0.020%
25	14.109	1831	1833	1836	rVB	1530	1614	0.13%	0.014%
26	14.150	1836	1840	1841	rBV	1086	1535	0.12%	0.013%
27	14.684	1923	1931	1941	rBV2	528488	822911	65.83%	7.120%
28	14.996	1980	1984	1989	rVB2	4242	6479	0.52%	0.056%
29	15.043	1989	1992	1996	rBV	1040	1861	0.15%	0.016%
30	15.072	1996	1997	2001	rBV	1504	1566	0.13%	0.014%
31	15.601	2083	2087	2090	rBV	1230	1540	0.12%	0.013%
32	16.241	2192	2196	2199	rVB	1522	2050	0.16%	0.018%
33	16.382	2217	2220	2221	rBV2	1638	1862	0.15%	0.016%
34	16.400	2221	2223	2226	rVB3	3813	3610	0.29%	0.031%

LSC Area Percent Report

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Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

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	16.564	2248	2251	2252	rBV3	1383	1487	0.12%	0.013%
36	16.823	2292	2295	2297	rBV3	1244	1503	0.12%	0.013%
37	17.040	2327	2332	2333	rBV2	1433	1784	0.14%	0.015%
38	17.087	2337	2340	2343	rBV3	1324	1776	0.14%	0.015%
39	17.170	2352	2354	2358	rBV2	1682	1919	0.15%	0.017%
40	17.217	2358	2362	2367	rVB3	2037	3169	0.25%	0.027%
41	17.428	2390	2398	2411	rBV	666562	1019561	81.56%	8.822%
42	17.528	2413	2415	2417	rBV	2998	2688	0.22%	0.023%
43	17.604	2426	2428	2430	rVB3	2560	2067	0.17%	0.018%
44	17.933	2482	2484	2488	rVB2	2365	2295	0.18%	0.020%
45	18.027	2493	2500	2504	rBV5	8415	17587	1.41%	0.152%
46	18.080	2506	2509	2510	rBV3	1564	1750	0.14%	0.015%
47	18.098	2510	2512	2516	rVB2	2016	2040	0.16%	0.018%
48	18.145	2516	2520	2522	rBV3	2807	3299	0.26%	0.029%
49	18.280	2539	2543	2546	rBV4	4236	7355	0.59%	0.064%
50	18.315	2548	2549	2551	rBV2	2706	1661	0.13%	0.014%
51	18.492	2573	2579	2585	rBV	141262	187204	14.98%	1.620%
52	18.550	2585	2589	2593	rVV4	32131	44753	3.58%	0.387%
53	18.592	2593	2596	2602	rVB6	8920	15619	1.25%	0.135%
54	18.774	2623	2627	2633	rBV2	63140	84910	6.79%	0.735%
55	18.821	2633	2635	2638	rVV2	4445	5571	0.45%	0.048%
56	18.879	2641	2645	2646	rBV2	1915	2767	0.22%	0.024%
57	18.915	2646	2651	2652	rVV2	7727	8508	0.68%	0.074%
58	18.950	2653	2657	2661	rVV2	24250	32079	2.57%	0.278%
59	19.003	2664	2666	2667	rBV2	1759	1782	0.14%	0.015%
60	19.050	2670	2674	2679	rVV5	4138	7134	0.57%	0.062%
61	19.091	2679	2681	2683	rVB2	2065	1675	0.13%	0.014%
62	19.255	2705	2709	2713	rBV2	25921	31659	2.53%	0.274%
63	19.302	2713	2717	2719	rVV	102706	138193	11.05%	1.196%
64	19.332	2719	2722	2730	rVB2	235190	333732	26.70%	2.888%
65	19.414	2732	2736	2741	rVB3	36764	46936	3.75%	0.406%
66	19.473	2743	2746	2752	rBV2	16638	24085	1.93%	0.208%
67	19.537	2752	2757	2765	rBV3	63960	108550	8.68%	0.939%
68	19.614	2765	2770	2776	rVB	399411	532936	42.63%	4.611%
69	19.678	2776	2781	2785	rBV	140896	184050	14.72%	1.593%
70	19.720	2785	2788	2792	rBV2	35512	42012	3.36%	0.364%
71	19.808	2799	2803	2805	rBV3	23911	26340	2.11%	0.228%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

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	19.837	2805	2808	2810	rVV4	8239	8159	0.65%	0.071%
73	19.872	2810	2814	2820	rVB	112258	137360	10.99%	1.189%
74	19.949	2821	2827	2832	rVB	178153	245466	19.64%	2.124%
75	20.002	2832	2836	2839	rBV2	66704	81549	6.52%	0.706%
76	20.055	2839	2845	2851	rVB	398081	552899	44.23%	4.784%
77	20.184	2863	2867	2868	rBV3	28988	37546	3.00%	0.325%
78	20.201	2868	2870	2878	rVV7	45863	86579	6.93%	0.749%
79	20.272	2879	2882	2885	rVV5	20264	22605	1.81%	0.196%
80	20.319	2885	2890	2894	rVV3	181139	257570	20.60%	2.229%
81	20.366	2894	2898	2906	rVB	382511	469664	37.57%	4.064%
82	20.442	2908	2911	2916	rVB7	18694	30348	2.43%	0.263%
83	20.513	2918	2923	2928	rVB6	43086	70783	5.66%	0.612%
84	20.595	2932	2937	2941	rBV	210448	264361	21.15%	2.287%
85	20.648	2941	2946	2948	rBV3	105086	147693	11.81%	1.278%
86	20.671	2948	2950	2955	rVV	158974	192169	15.37%	1.663%
87	20.754	2959	2964	2969	rVB5	58437	105722	8.46%	0.915%
88	20.824	2971	2976	2983	rBV7	39318	84396	6.75%	0.730%
89	20.912	2983	2991	3000	rVB	260150	500478	40.04%	4.331%
90	21.006	3005	3007	3012	rVB6	23927	23629	1.89%	0.204%
91	21.247	3044	3048	3053	rVB3	80964	111013	8.88%	0.961%
92	21.329	3060	3062	3066	rVB5	17912	19732	1.58%	0.171%
93	21.535	3095	3097	3103	rVB5	35107	50454	4.04%	0.437%
94	21.694	3118	3124	3139	rVB2	745563	1250072	100.00%	10.817%
95	21.882	3153	3156	3162	rVB	27401	35642	2.85%	0.308%
96	22.140	3195	3200	3205	rBV9	20705	37030	2.96%	0.320%
97	22.487	3256	3259	3266	rVB3	29133	48565	3.88%	0.420%
98	23.985	3510	3514	3524	rVB3	50091	107749	8.62%	0.932%
99	24.925	3664	3674	3685	rBV	422312	1200061	96.00%	10.384%

Sum of corrected areas: 11556981

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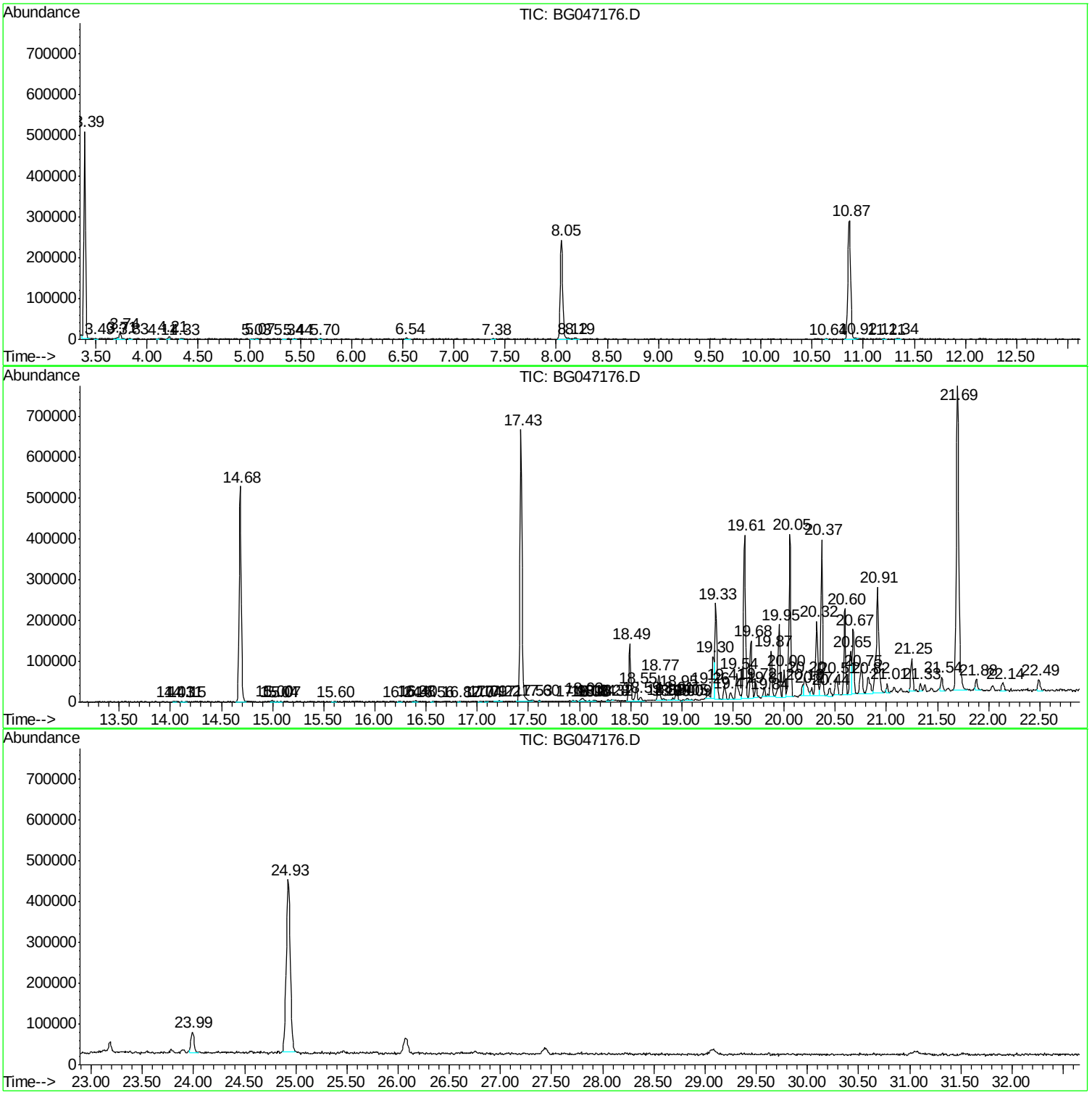
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BM6

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 : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

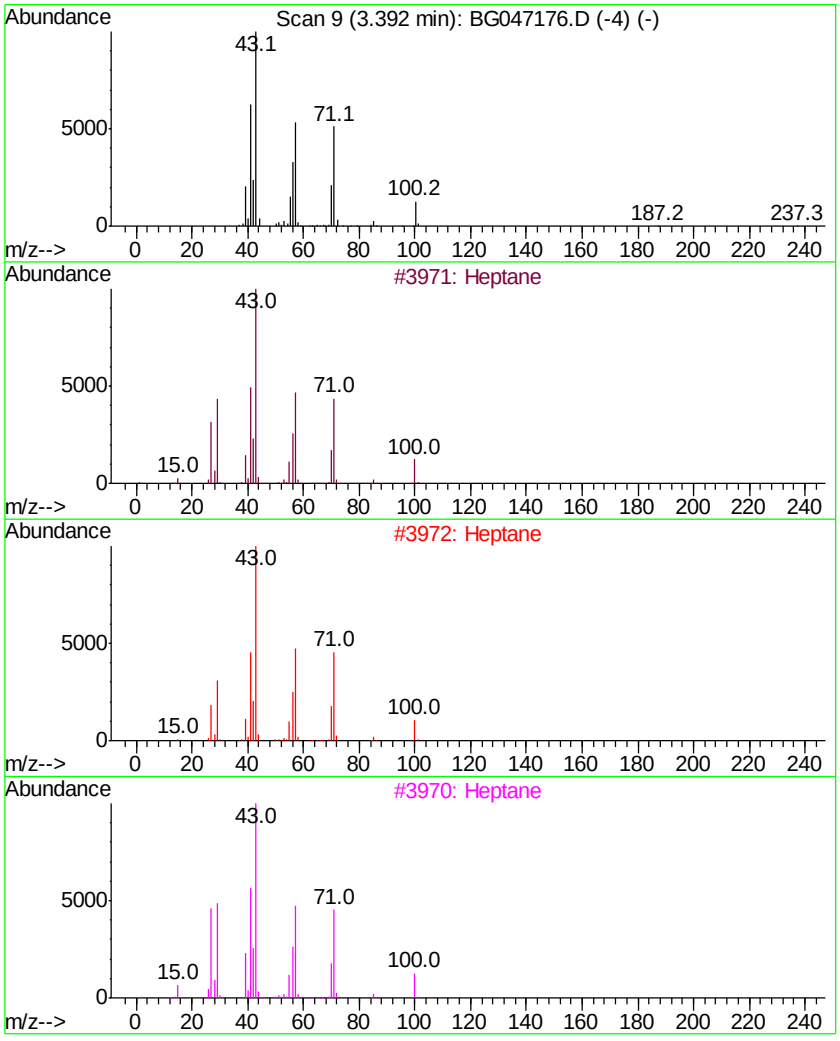
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

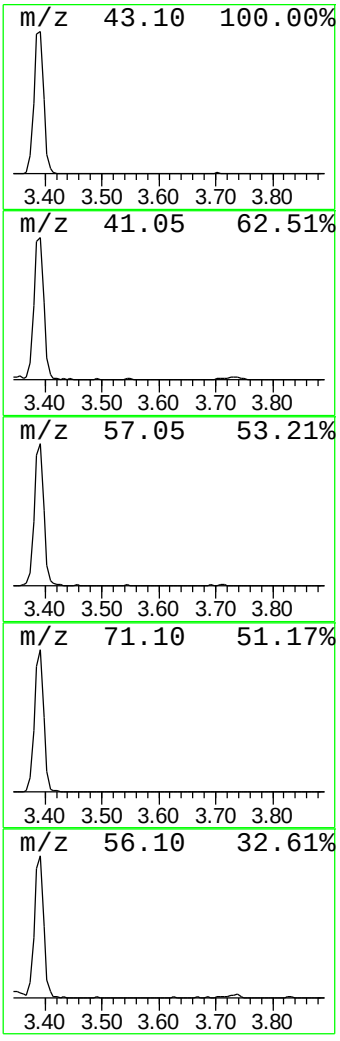
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	28.34 ng/ul	578956	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	87
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

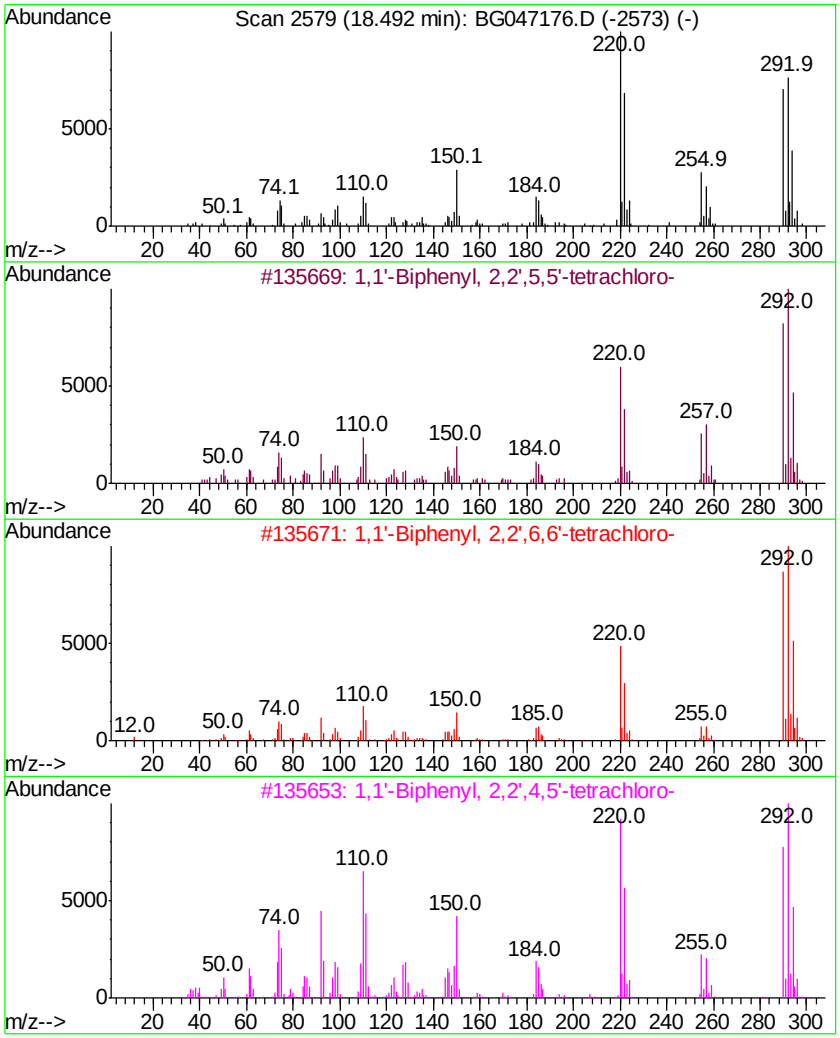
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

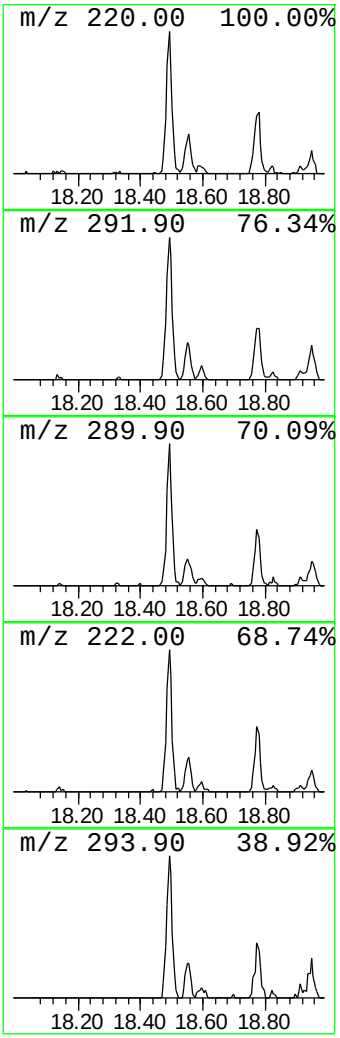
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.67 ng/ul	187204	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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	98





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Instrument : BNA_G
ClientSampleId : C0BM6

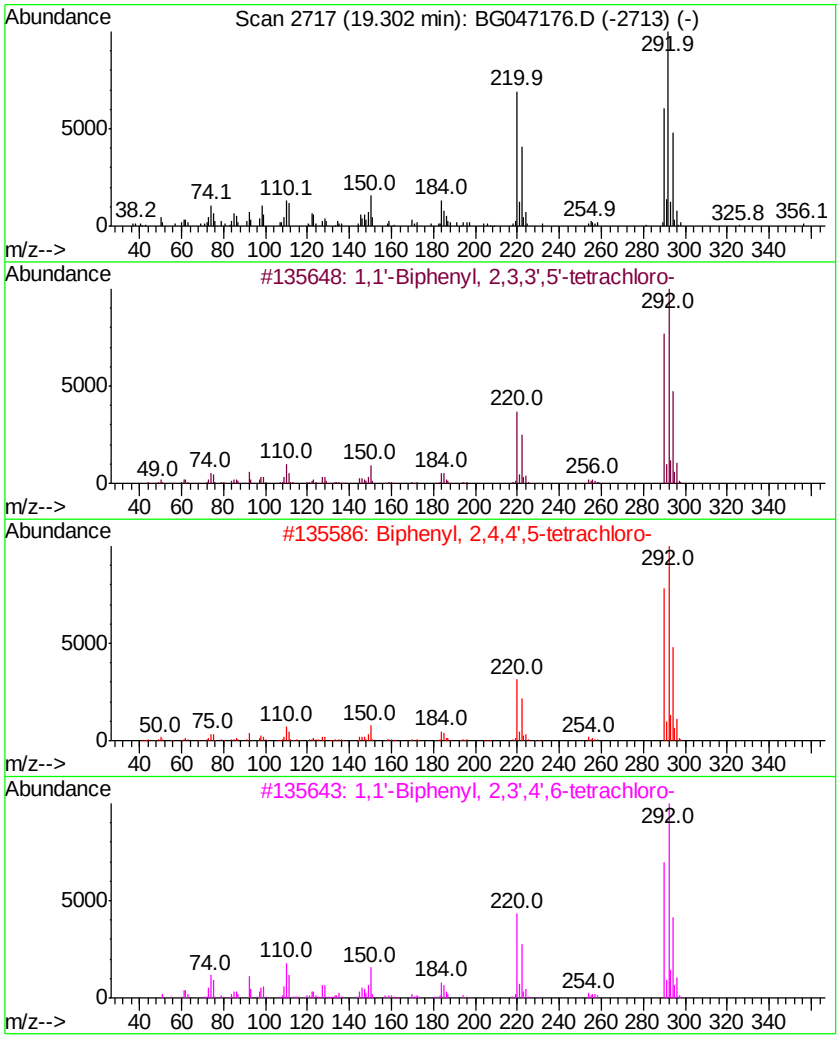
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

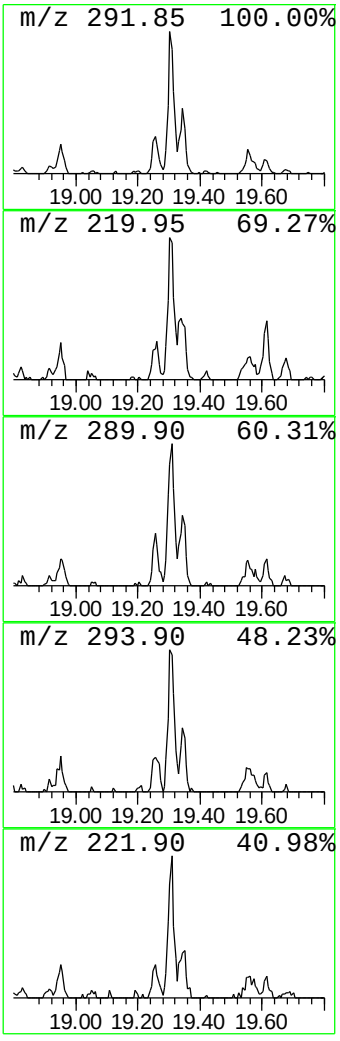
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.71 ng/ul	138193	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	96
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	96
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	96
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	96
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	96





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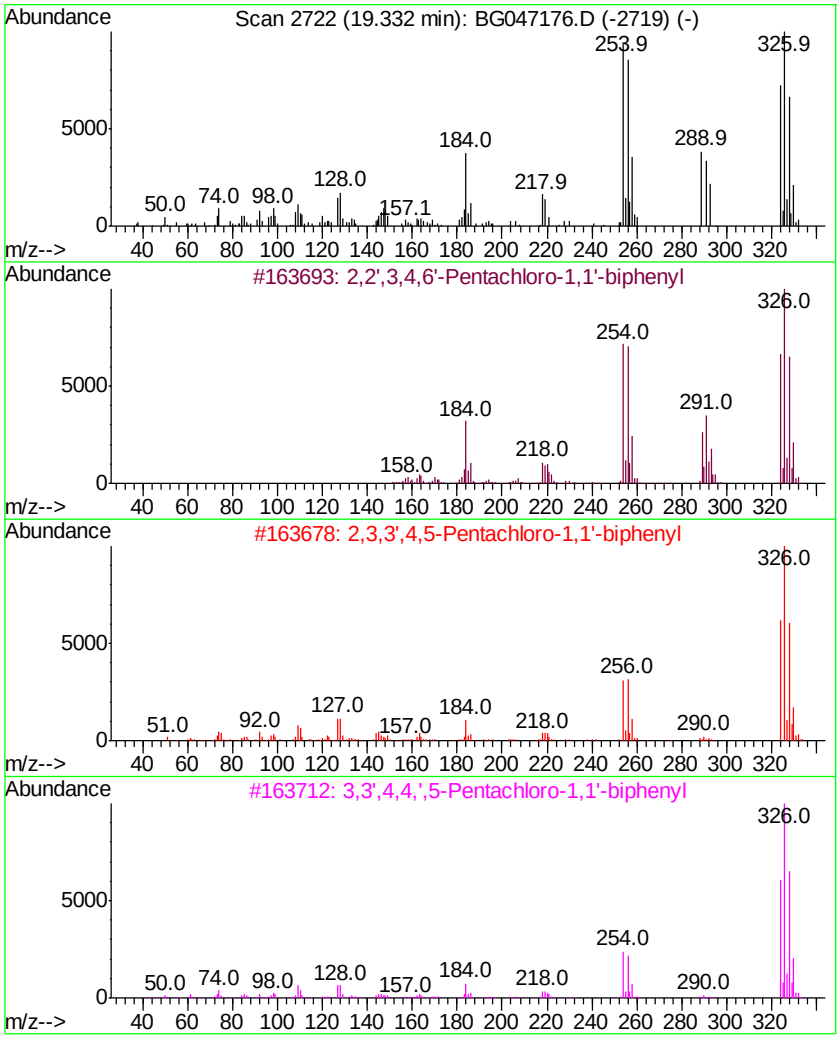
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

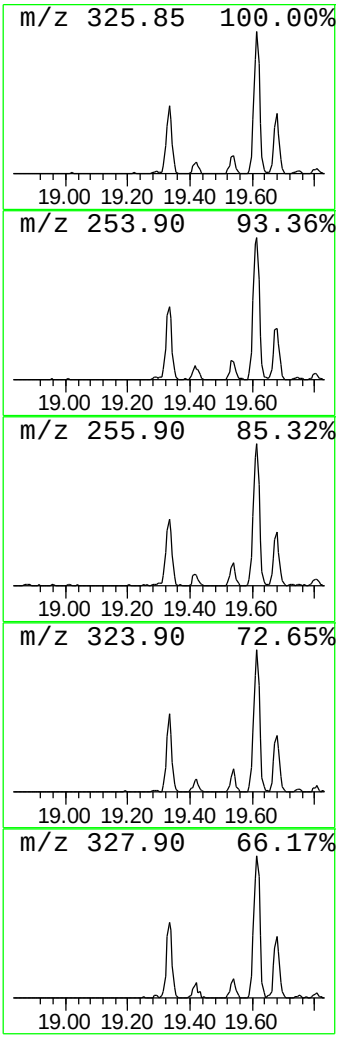
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	6.55 ng/ul	333732	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99





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Data File : BG047176.D
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Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BM6

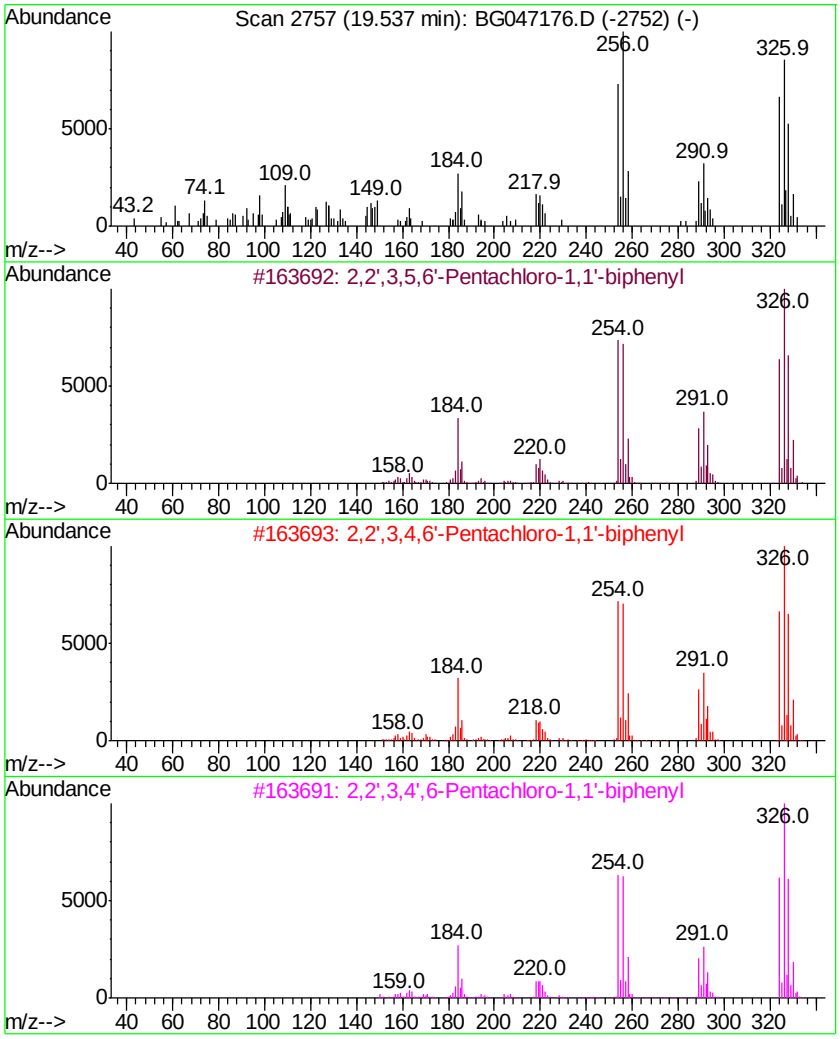
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

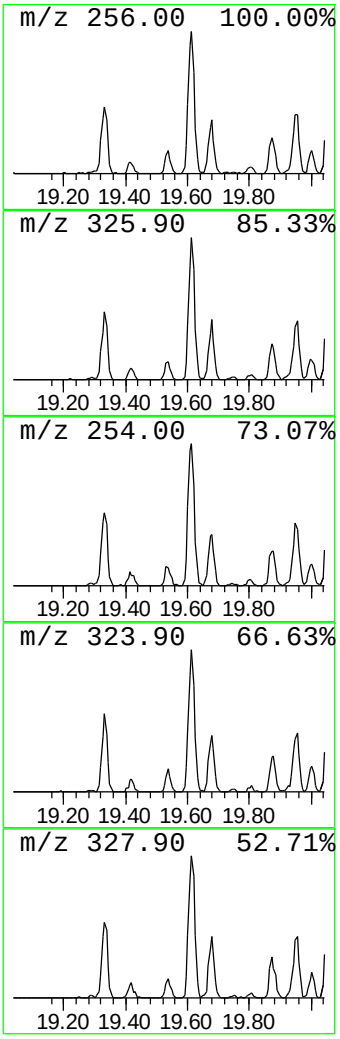
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.13 ng/ul	108550	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
4	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
5	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

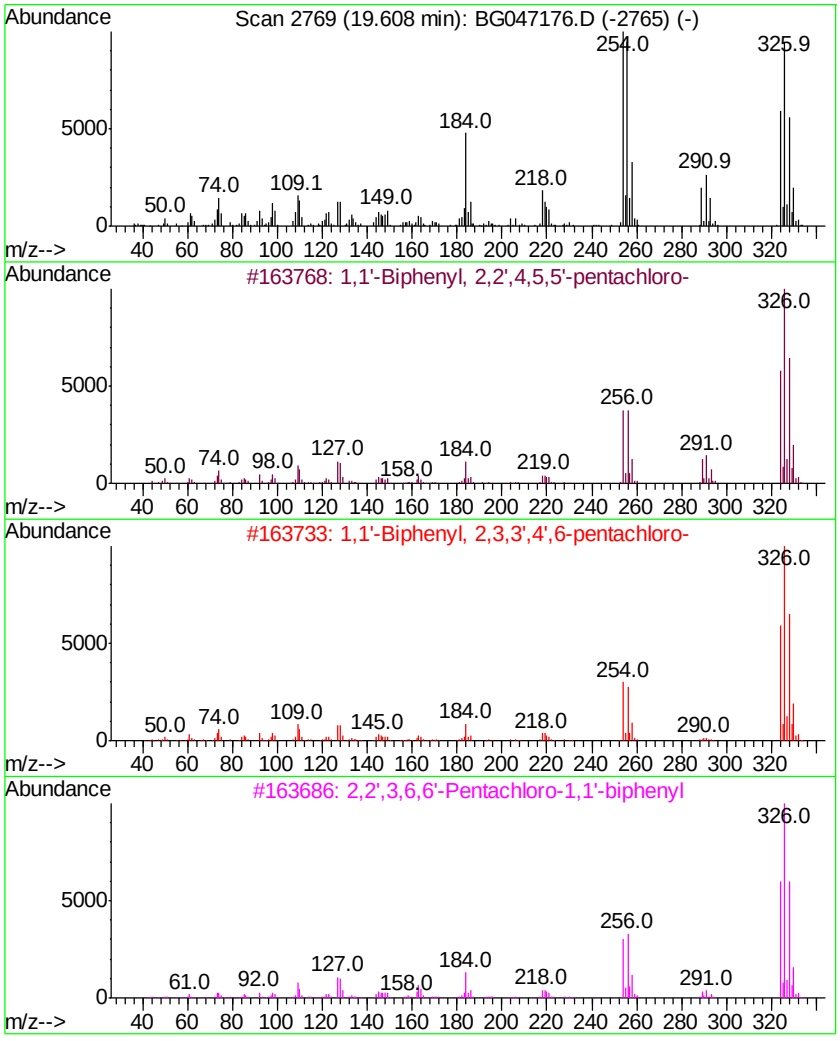
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

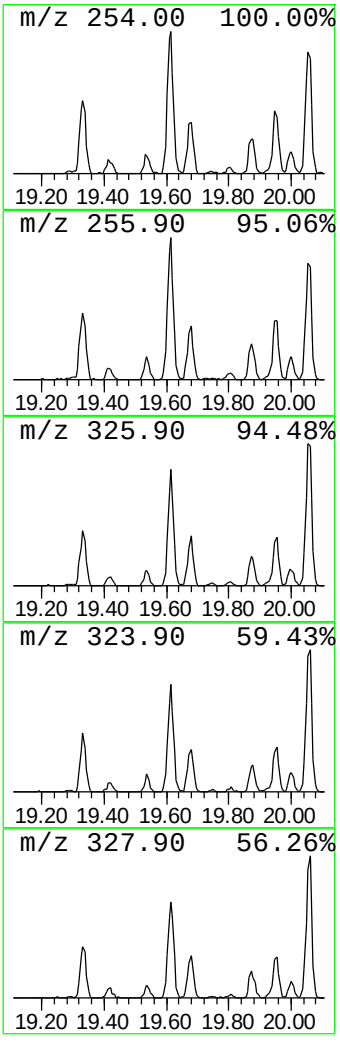
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	8.53 ng/ul	532936	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





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Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

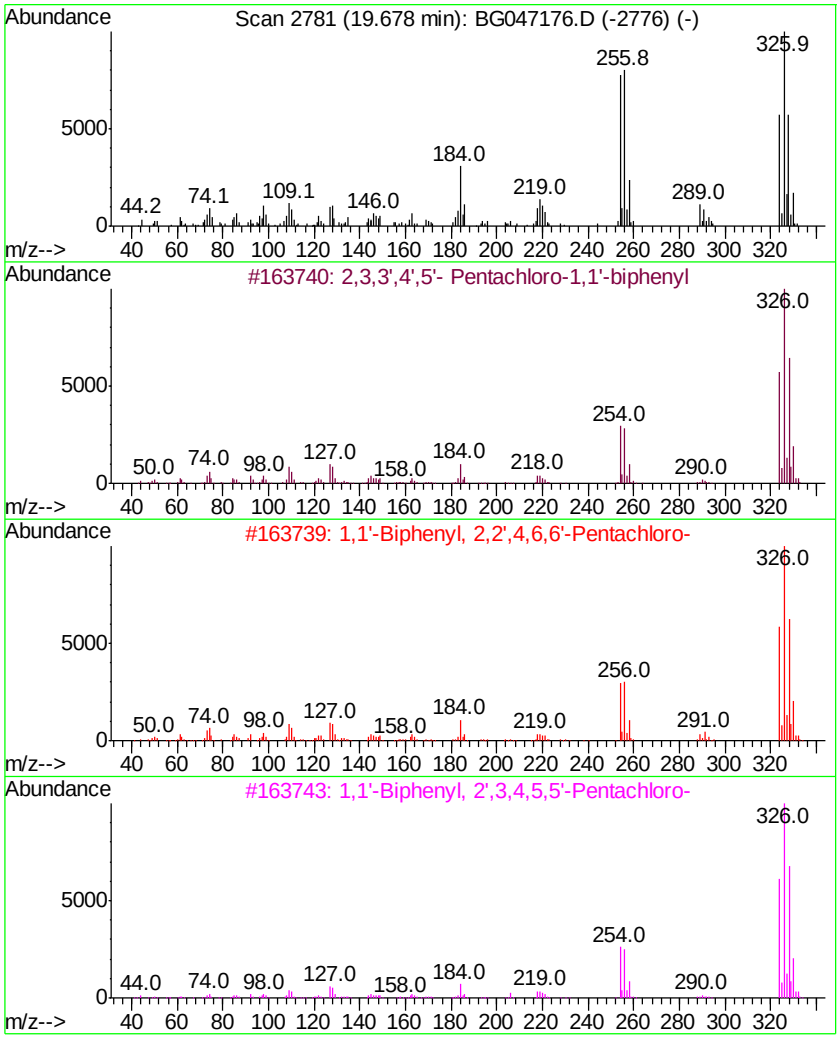
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

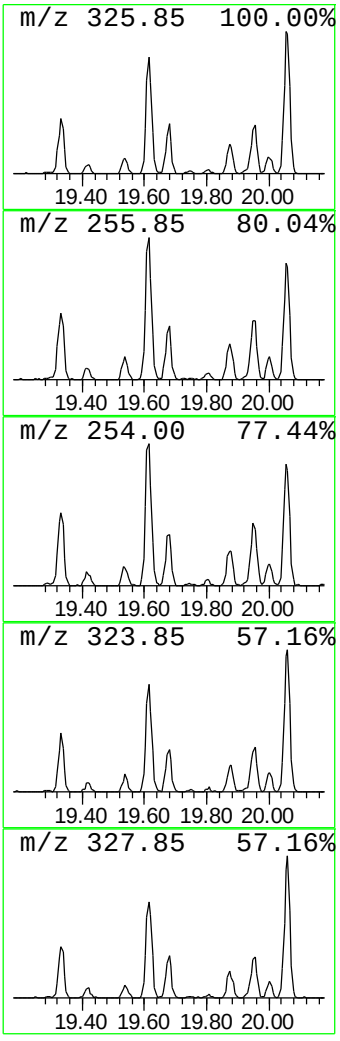
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,3,3',4',5'- Pentachloro-1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.94 ng/ul	184050	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	96
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	96
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95





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Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

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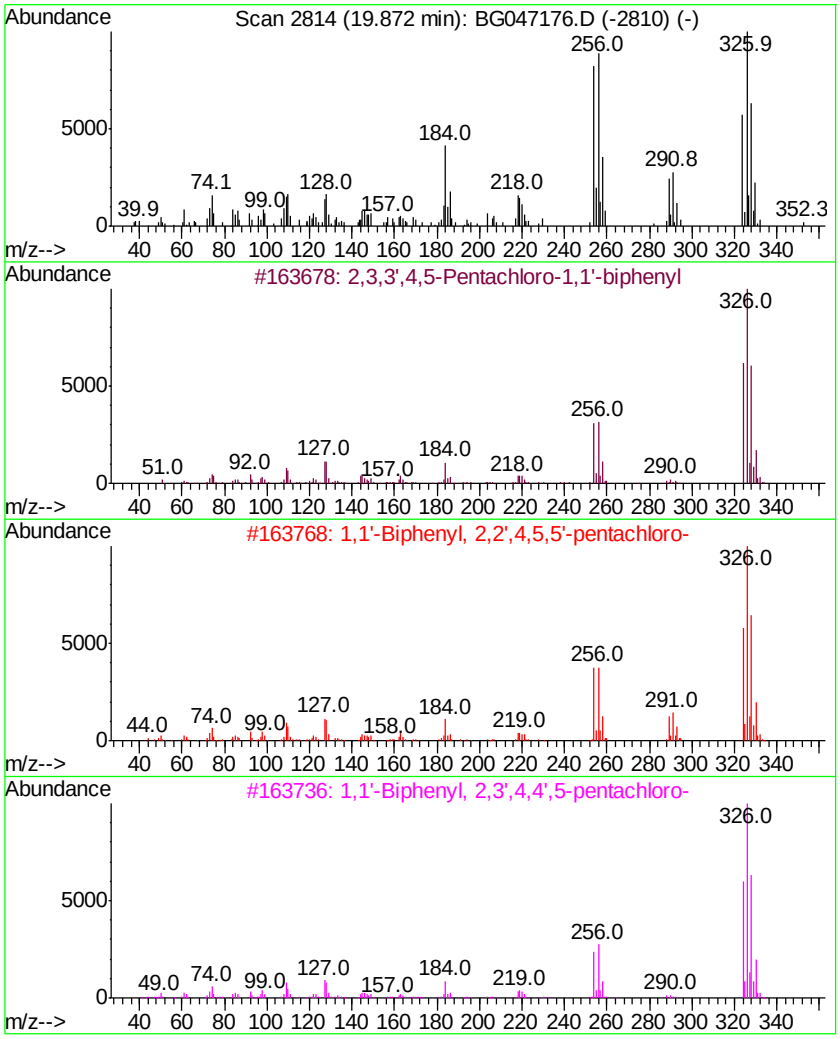
Quant Title : SVOA CALIBRATION

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

****
Peak Number 8 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.20 ng/ul	137360	Chrysene-d12	21.69

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	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	97



m/z 325.90 100.00%

m/z 256.00 88.99%

m/z 253.85 82.21%

m/z 327.90 63.01%

m/z 323.90 57.38%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

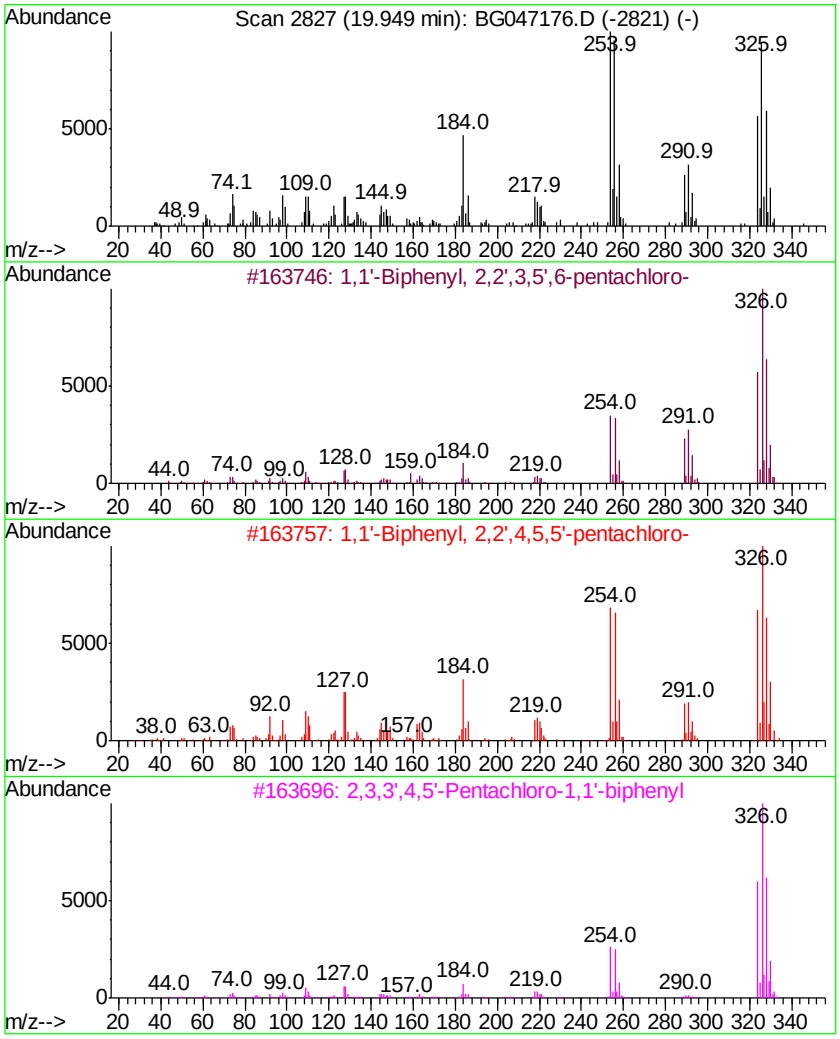
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

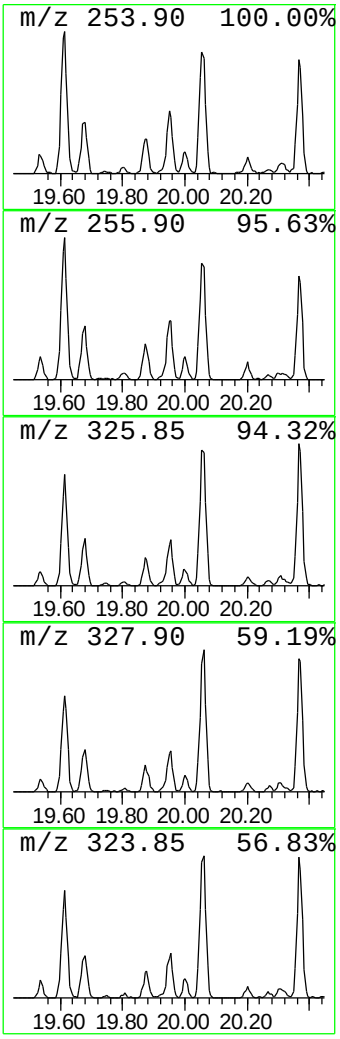
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,2',3,5',6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	3.93 ng/ul	245466	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

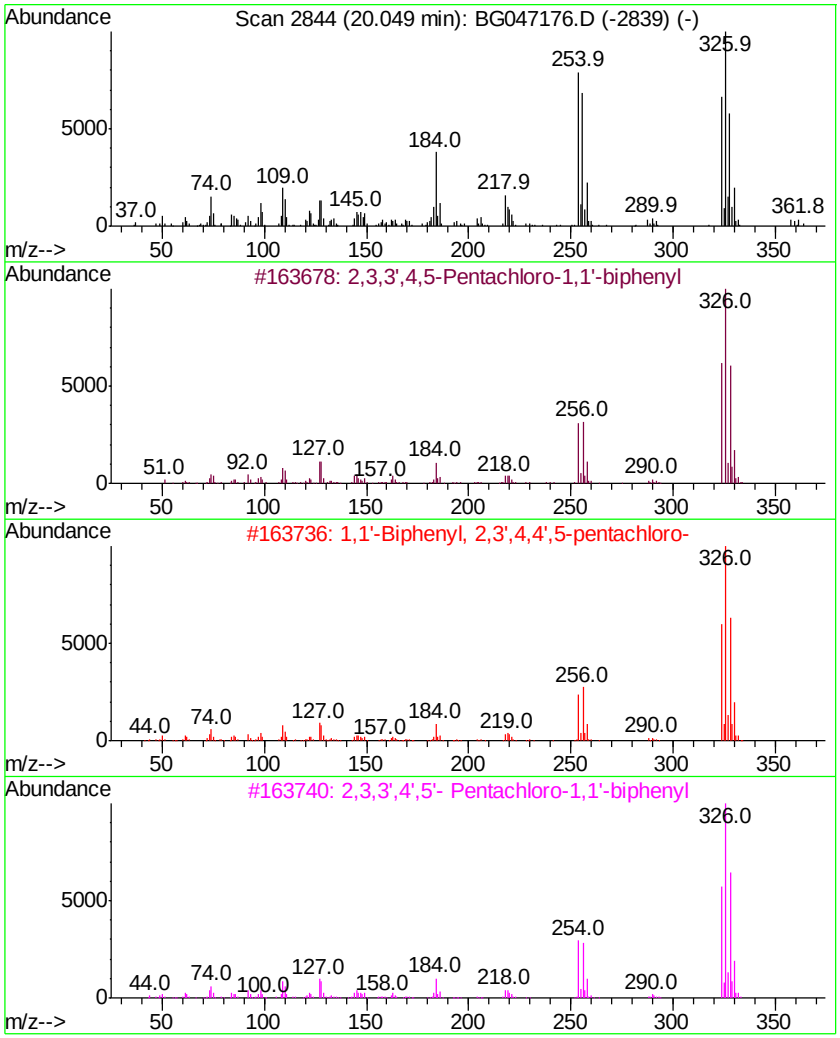
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

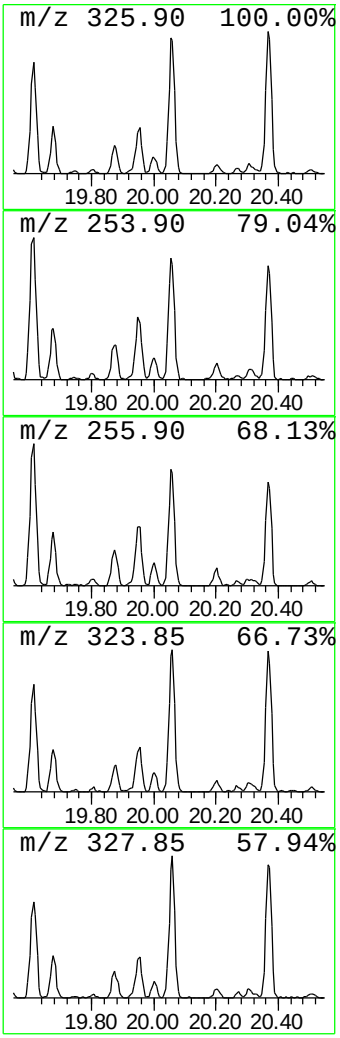
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	8.85 ng/ul	552899	Chrysene-d12	21.69

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	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

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

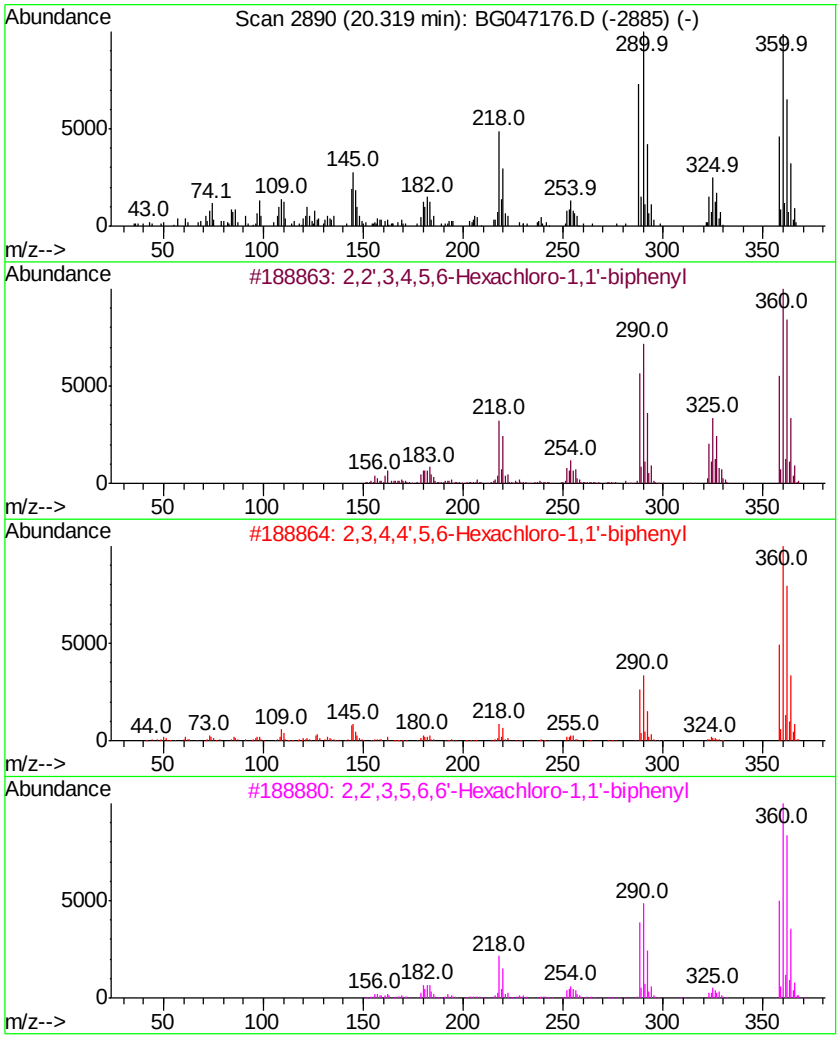
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

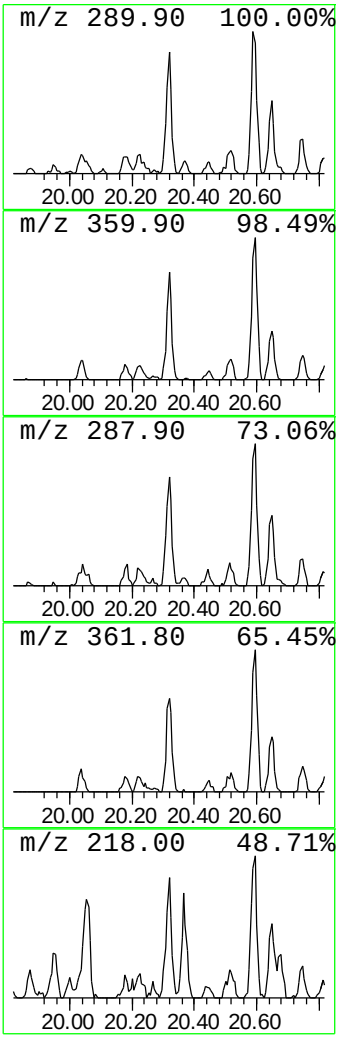
****

Peak Number 11 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	4.12 ng/ul	257570	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

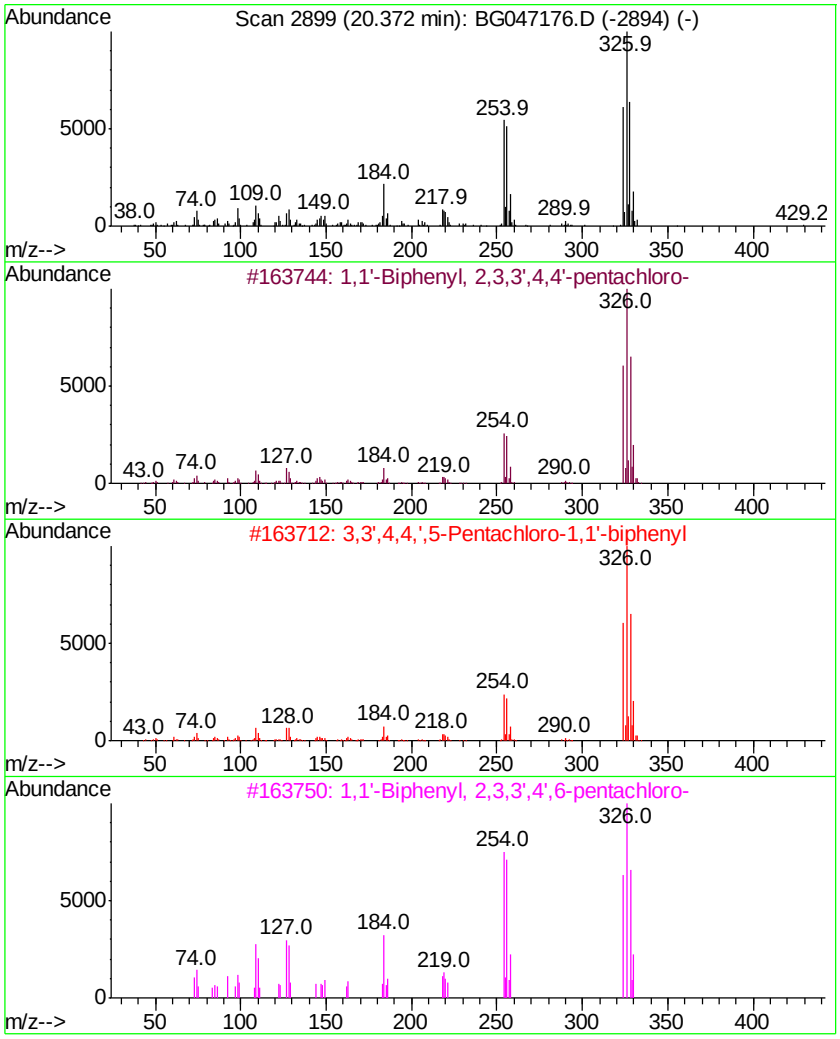
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

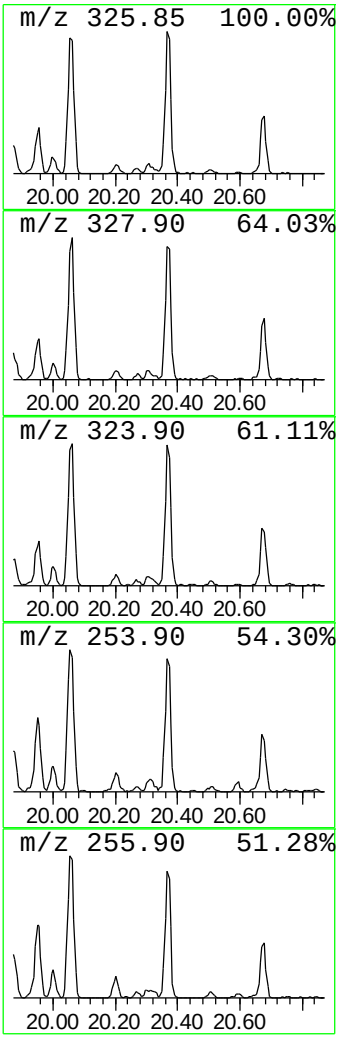
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	7.51 ng/ul	469664	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

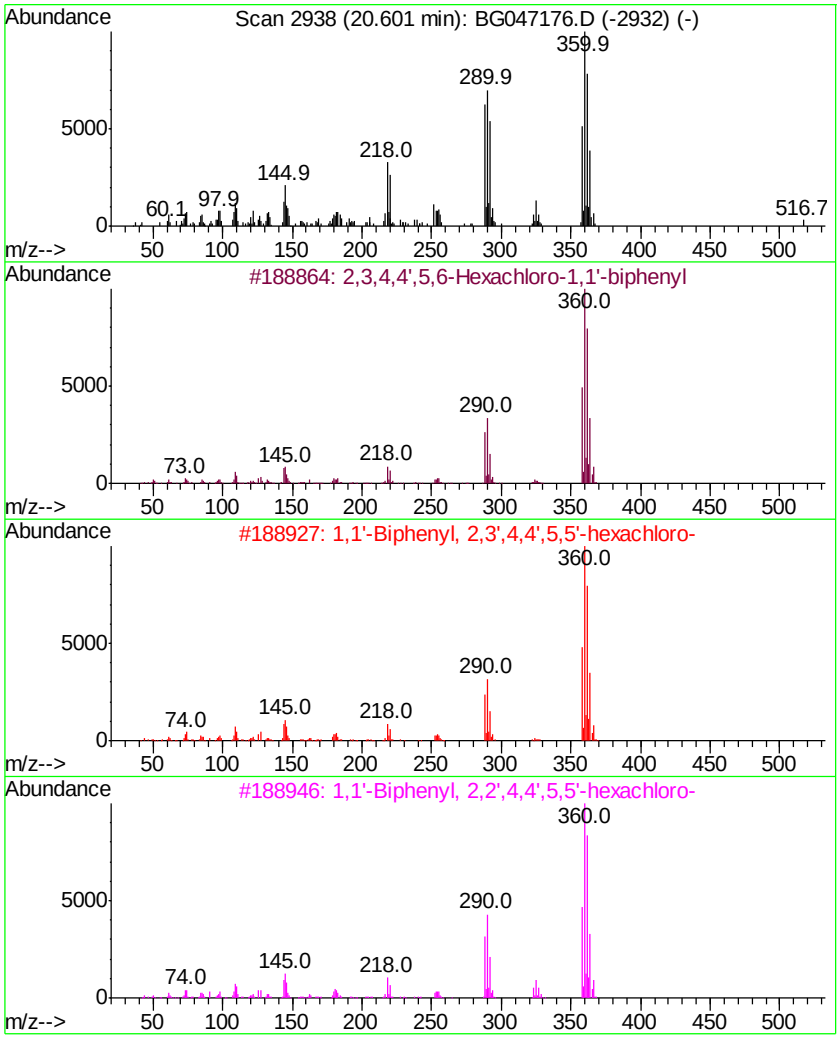
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

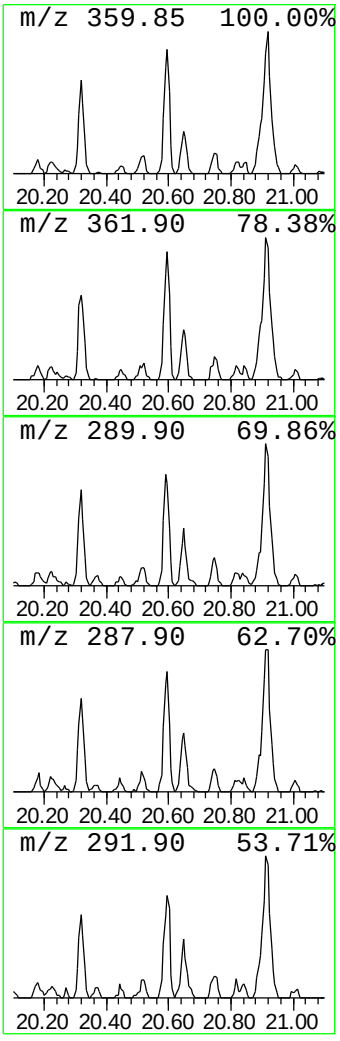
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	4.23 ng/ul	264361	Chrysene-d12	21.69

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, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99





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Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

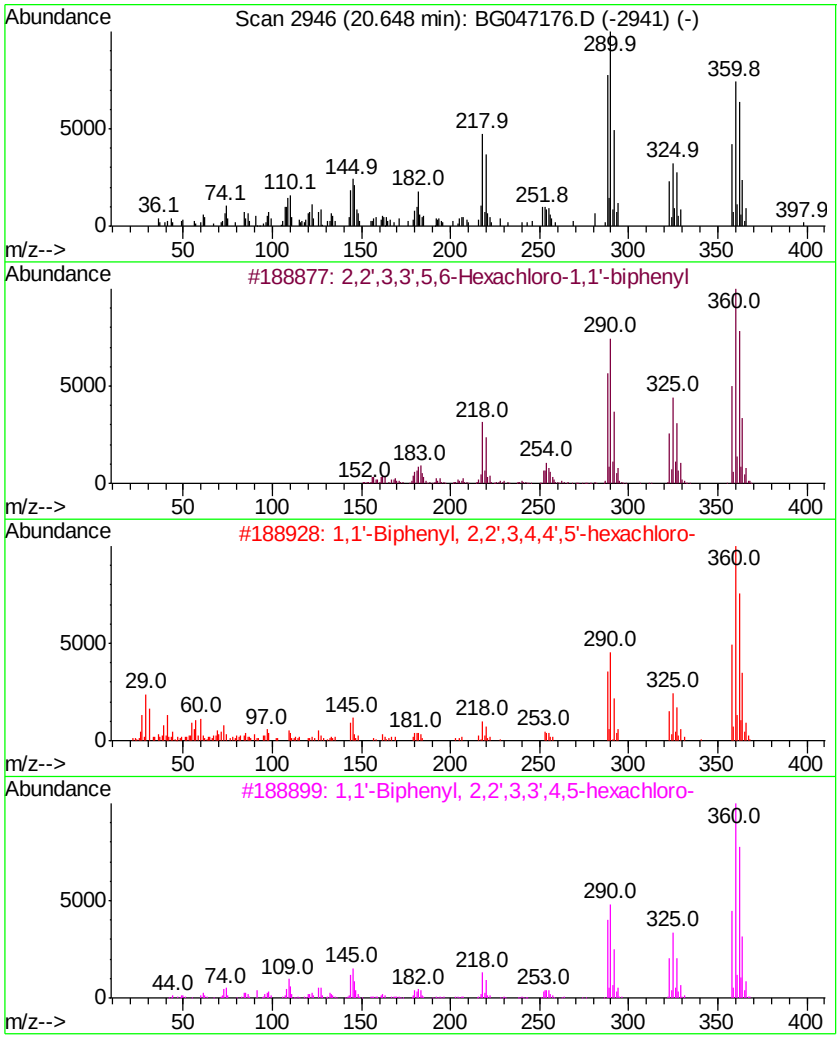
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

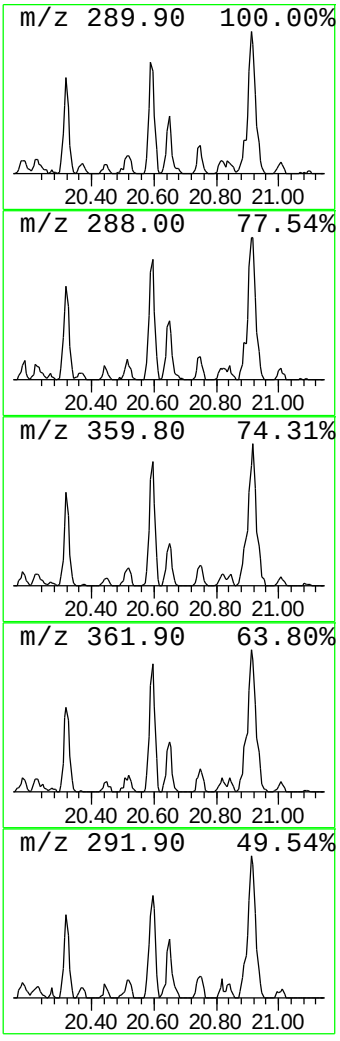
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	2.36 ng/ul	147693	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





Library Search Compound Report

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Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

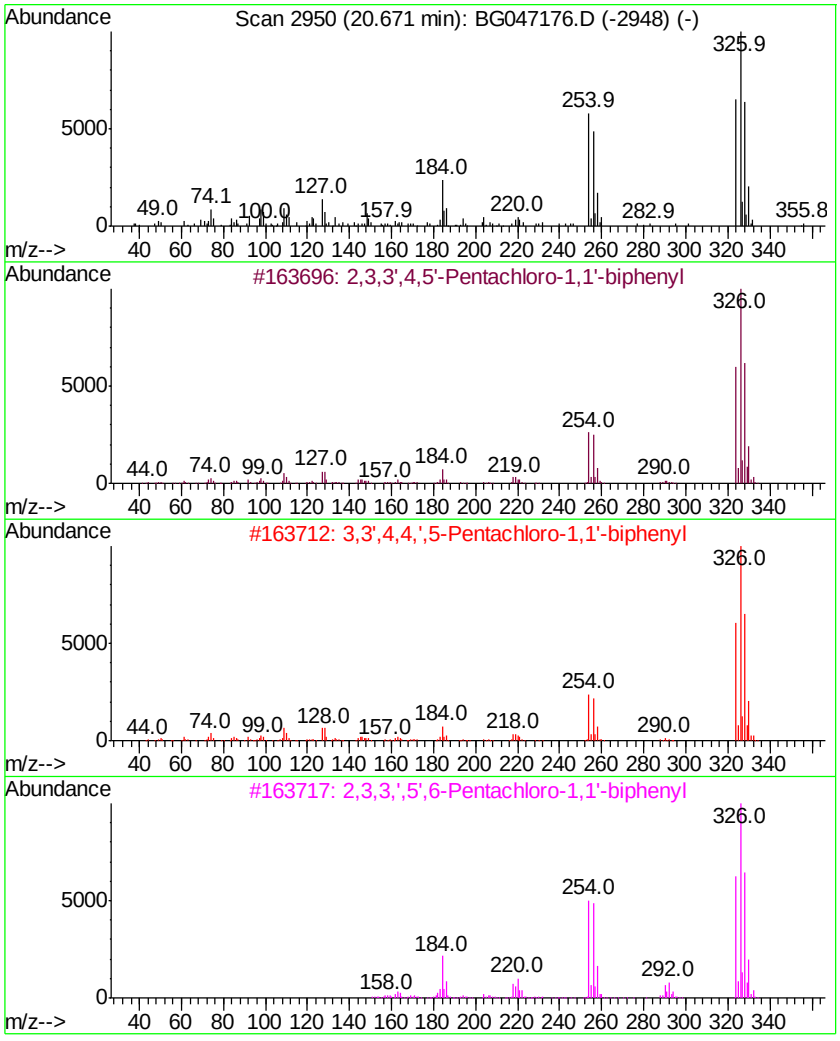
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

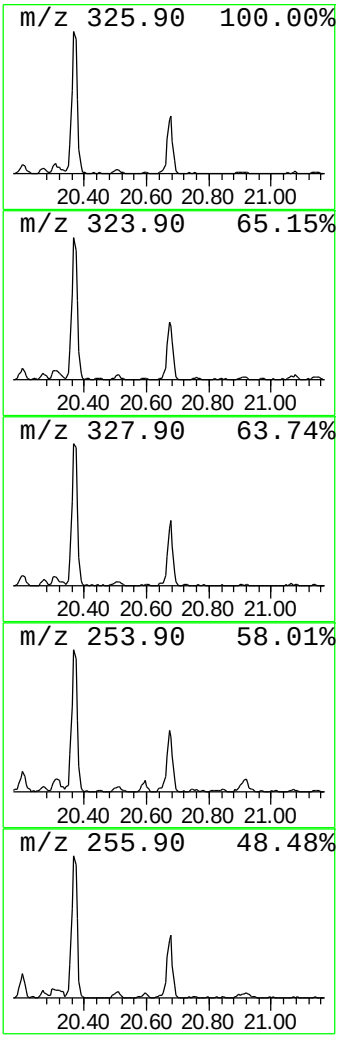
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,3,3',4,5'-Pentachloro-1,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	3.07 ng/ul	192169	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	95
2	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	95
3	2,3,3',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	95
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	95





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Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

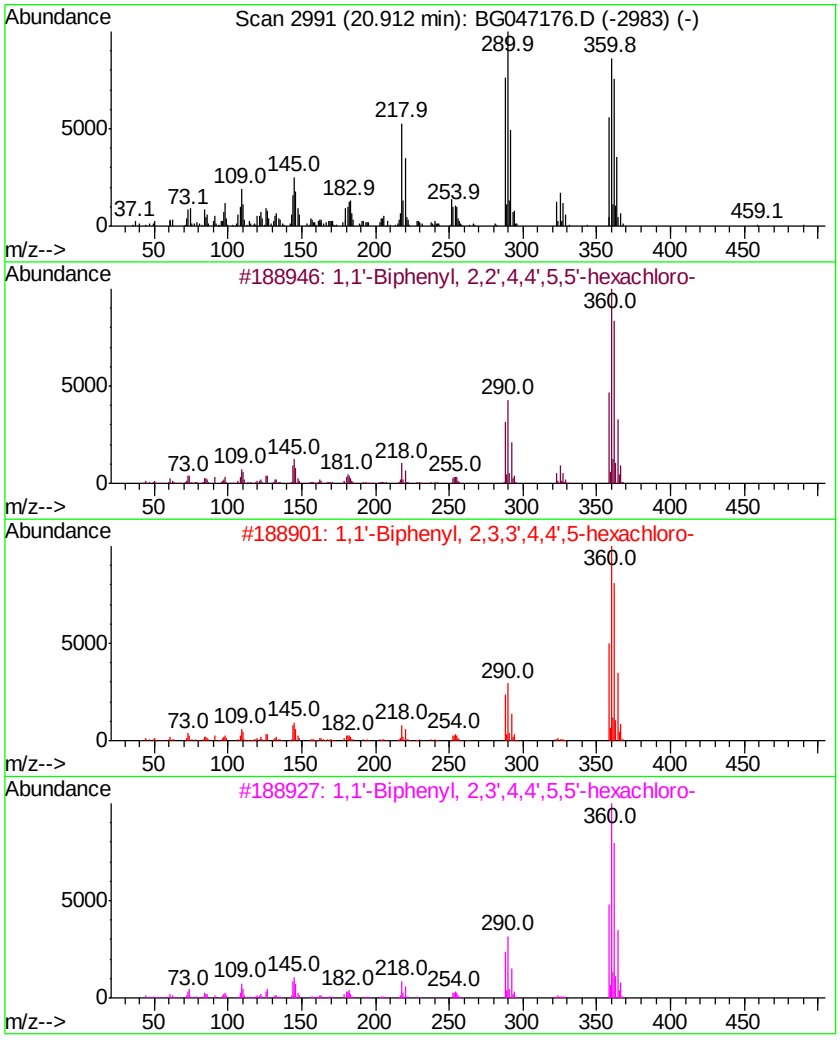
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

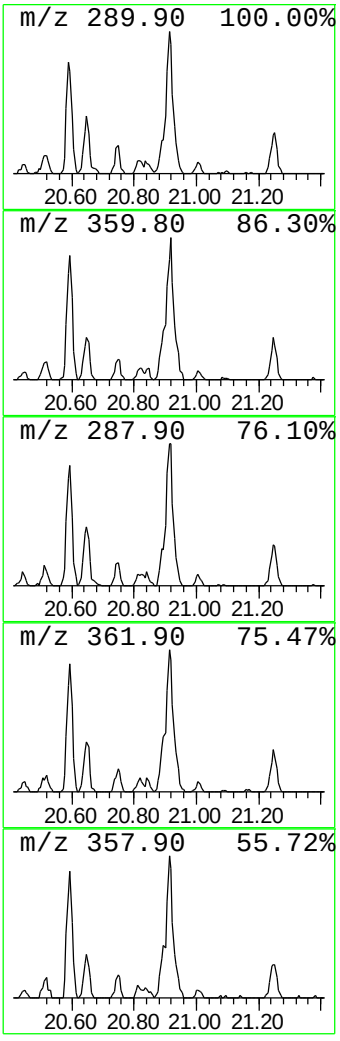
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	8.01 ng/ul	500478	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	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	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047176.D
Acq On : 31 Oct 2020 5:42
Operator : CG/JU
Sample : L4507-11
Misc : GCMS CONFIRMATION
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BM6

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	28.3	ng/ul	578956	1	8.05	408551	20.0
1,1'-Biphenyl, 2,...	18.49	3.7	ng/ul	187204	4	17.43	1019560	20.0
1,1'-Biphenyl, 2,...	19.30	2.7	ng/ul	138193	4	17.43	1019560	20.0
2,2',3,4,6'-Penta...	19.33	6.5	ng/ul	333732	4	17.43	1019560	20.0
2,2',3,5,6'-Penta...	19.54	2.1	ng/ul	108550	4	17.43	1019560	20.0
1,1'-Biphenyl, 2,...	19.61	8.5	ng/ul	532936	5	21.69	1250070	20.0
2,3,3',4',5'- Pen...	19.68	2.9	ng/ul	184050	5	21.69	1250070	20.0
2,3,3',4,5-Pentac...	19.87	2.2	ng/ul	137360	5	21.69	1250070	20.0
1,1'-Biphenyl, 2,...	19.95	3.9	ng/ul	245466	5	21.69	1250070	20.0
1,1'-Biphenyl, 2,...	20.05	8.8	ng/ul	552899	5	21.69	1250070	20.0
2,2',3,4,5,6-Hexa...	20.32	4.1	ng/ul	257570	5	21.69	1250070	20.0
1,1'-Biphenyl, 2,...	20.37	7.5	ng/ul	469664	5	21.69	1250070	20.0
2,3,4,4',5,6-Hexa...	20.60	4.2	ng/ul	264361	5	21.69	1250070	20.0
2,2',3,3',5,6-Hex...	20.65	2.4	ng/ul	147693	5	21.69	1250070	20.0
2,3,3',4,5'-Penta...	20.67	3.1	ng/ul	192169	5	21.69	1250070	20.0
1,1'-Biphenyl, 2,...	20.91	8.0	ng/ul	500478	5	21.69	1250070	20.0