LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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	3.393	4	9	20	rVB	433038	499711	8.42%	0.882%
2	3.740	64	68	71	rVB3	12068	14625	0.25%	0.026%
3	8.052	794	802	809	rBV	190167	328177	5.53%	0.580%
4	10.867	1269	1281	1295	rBV	242389	437117	7.37%	0.772%
5	14.686	1923	1931	1941	rBV2	418066	671949	11.32%	1.187%
6	17.436	2392	2399	2409	rBV	547792	858145	14.46%	1.515%
7	17.606	2422	2428	2434	rVB3	9502	14280	0.24%	0.025%
8	18.035	2496	2501	2508	rBV3	13909	24450	0.41%	0.043%
9	18.146	2515	2520	2523	rBV3	24155	32449	0.55%	0.057%
10	18.282	2539	2543	2547	rBV4	8326	12140	0.20%	0.021%
11	18.334	2547	2552	2558	rVV4	10147	15349	0.26%	0.027%
12	18.446	2568	2571	2574	rBV3	4520	6026	0.10%	0.011%
13	18.499	2574	2580	2585	rVV	1856648	2497726	42.09%	4.411%
14	18.558	2585	2590	2594	rVV	324155	433442	7.30%	0.765%
15	18.599	2594	2597	2603	rVB2	51685	68834	1.16%	0.122%
16	18.781	2621	2628	2633	rBV	753856	992759	16.73%	1.753%
17	18.828	2633	2636	2640	rVV3	40939	52126	0.88%	0.092%
18	18.916	2643	2651	2654	rBV	45644	66328	1.12%	0.117%
19	18.957	2654	2658	2664	rVV	187503	245362	4.13%	0.433%
20	19.022	2664	2669	2672	rVV4	22852	31423	0.53%	0.055%
21	19.057	2672	2675	2679	rVB3	36386	45935	0.77%	0.081%
22	19.198	2695	2699	2703	rBV6	18043	27669	0.47%	0.049%
23	19.263	2705	2710	2713	rVV	229806	296645	5.00%	0.524%
24	19.339	2713	2723	2731	rVV2	2791572	4301650	72.48%	7.597%
25	19.421	2733	2737	2743	rVB	351999	460463	7.76%	0.813%
26	19.545	2752	2758	2765	rBV2	669258	1031642	17.38%	1.822%
27	19.621	2765	2771	2777	rVB	4344440	5934938	100.00%	10.481%
28	19.686	2777	2782	2787	rVB	1293205	1579158	26.61%	2.789%
29	19.727	2787	2789	2791	rBV2	13981	16804	0.28%	0.030%
30	19.750	2791	2793	2798	rVB2	33994	41053	0.69%	0.072%
31	19.809	2798	2803	2808	rBV	199335	239327	4.03%	0.423%
32	19.880	2809	2815	2821	rBV	1118328	1415027	23.84%	2.499%
33	19.956	2821	2828	2833	rBV	1879398	2470165	41.62%	4.362%
34	20.009	2833	2837	2840	rBV	463993	575123	9.69%	1.016%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

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Title : SVOA CALIBRATION

35	20.068	2840	2847	2852	rVB	4142404	5523829	93.07%	9.755%
36	20.109	2852	2854	2860	rVB6	14437	20948	0.35%	0.037%
37	20.185	2862	2867	2869	rBV2	369479	506933	8.54%	0.895%
38	20.209	2869	2871	2873	rBV	133930	103066	1.74%	0.182%
39	20.279	2880	2883	2886	rVB	152055	157176	2.65%	0.278%
40	20.326	2886	2891	2895	rVV2	1852888	2361403	39.79%	4.170%
41	20.379	2895	2900	2905	rVB	3334101	4222195	71.14%	7.456%
42	20.456	2907	2913	2917	rVB	202734	284736	4.80%	0.503%
43	20.520	2917	2924	2931	rVB2	404635	633079	10.67%	1.118%
44	20.602	2932	2938	2943	rBV	2135108	2596719	43.75%	4.586%
45	20.655	2943	2947	2949	rBV	1138821	1390596	23.43%	2.456%
46	20.685	2949	2952	2957	rVB	1404917	1648900	27.78%	2.912%
47	20.755	2959	2964	2970	rVB	507029	685043	11.54%	1.210%
48	20.826	2970	2976	2978	rBV2	212877	298834	5.04%	0.528%
49	20.849	2978	2980	2984	rVB2	230181	244502	4.12%	0.432%
50	20.926	2984	2993	3000	rBV	2549883	4477596	75.44%	7.907%
51	21.014	3004	3008	3013	rVB2	198317	244412	4.12%	0.432%
52	21.078	3015	3019	3026	rVB4	136046	201811	3.40%	0.356%
53	21.149	3026	3031	3040	rBV4	94803	149652	2.52%	0.264%
54	21.255	3043	3049	3055	rBV	751202	1058065	17.83%	1.869%
55	21.384	3066	3071	3077	rVB3	144224	219878	3.70%	0.388%
56	21.448	3077	3082	3087	rVB3	99403	148074	2.49%	0.261%
57	21.519	3088	3094	3095	rBV4	60315	92787	1.56%	0.164%
58	21.548	3095	3099	3105	rVV	358583	511009	8.61%	0.902%
59	21.613	3105	3110	3119	rVB3	82679	165921	2.80%	0.293%
60	21.701	3119	3125	3136	rBV2	593628	1443305	24.32%	2.549%
61	21.883	3154	3156	3159	rVB4	11756	11581	0.20%	0.020%
62	22.142	3195	3200	3208	rVB2	200019	358208	6.04%	0.633%
63	22.218	3210	3213	3221	rVB10	20102	40843	0.69%	0.072%
64	22.318	3227	3230	3236	rVB8	17842	29403	0.50%	0.052%
65	22.494	3258	3260	3266	rVB6	10194	12400	0.21%	0.022%
66	23.129	3365	3368	3374	rVB8	16995	31248	0.53%	0.055%
67	24.939	3667	3676	3690	rVB	354660	987817	16.64%	1.744%
68	28.799	4331	4333	4335	rBV3	7096	6516	0.11%	0.012%
69	30.215	4571	4574	4575	rBV3	8340	9029	0.15%	0.016%
70	32.359	4936	4939	4941	rBV4	9802	10462	0.18%	0.018%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

Sum of corrected areas: 56625993

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
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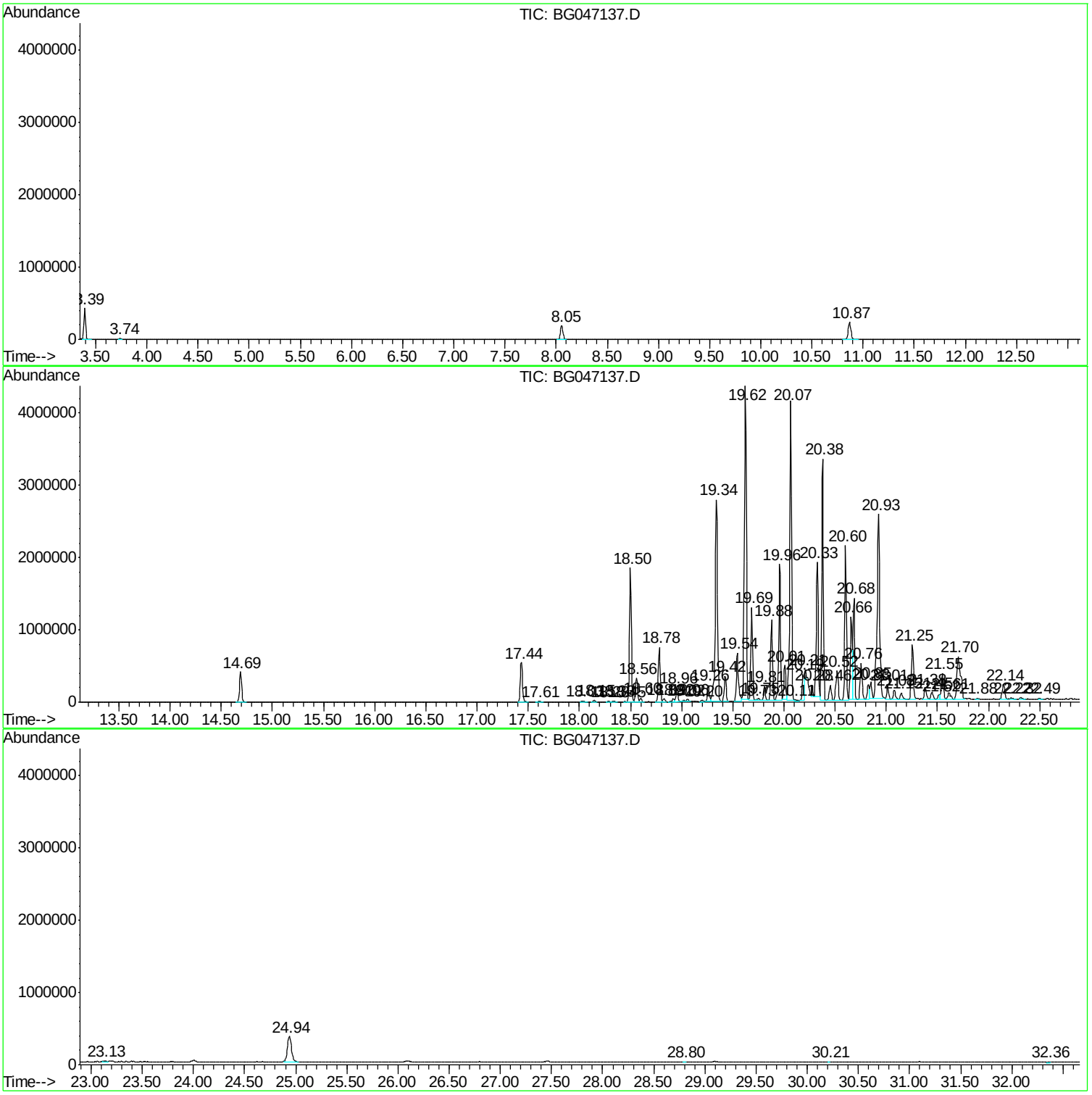
Instrument :
BNA_G
ClientSampleId :
C0BF7

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 : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

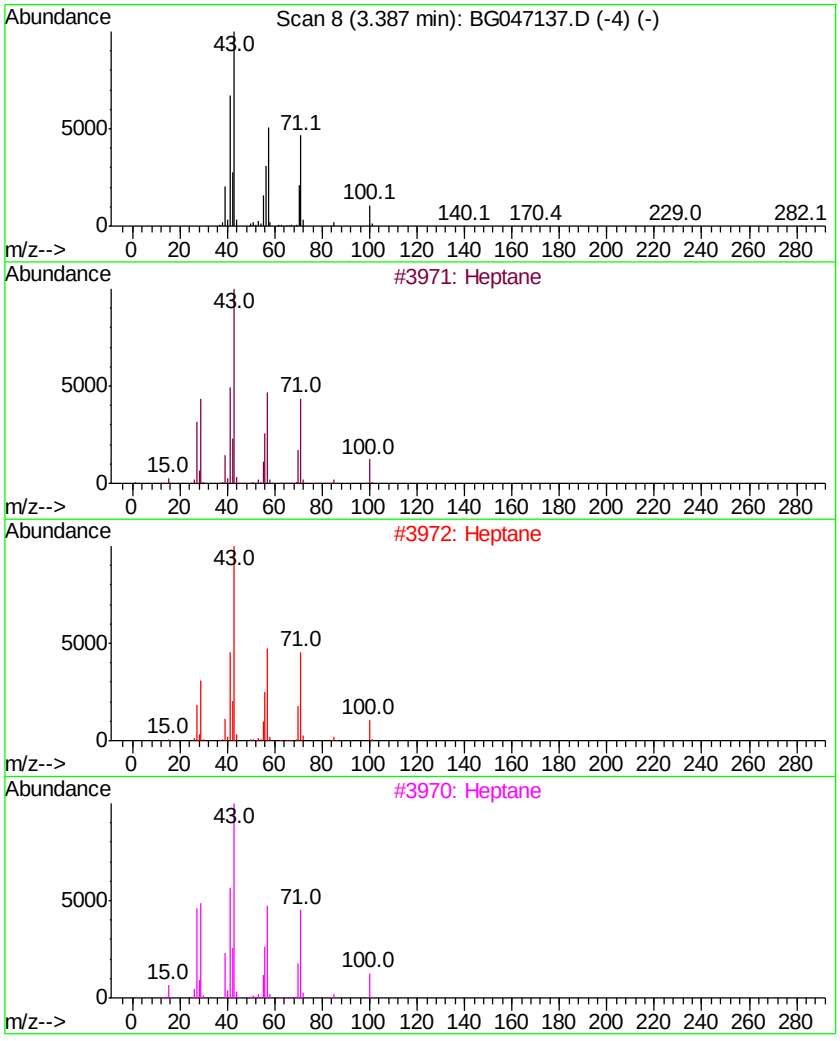
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

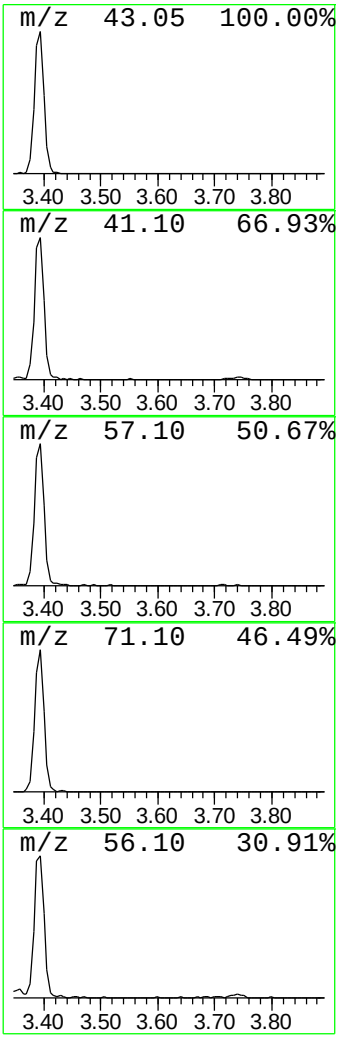
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	30.45 ng/ul	499711	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	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	83
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

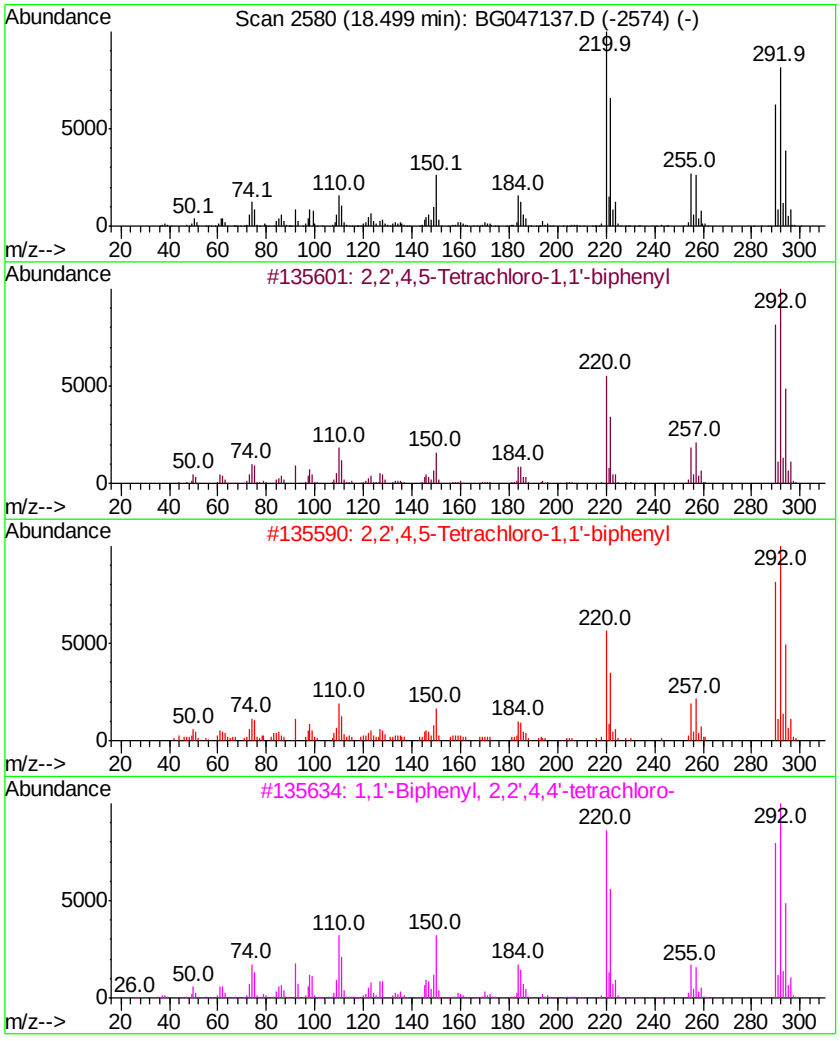
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

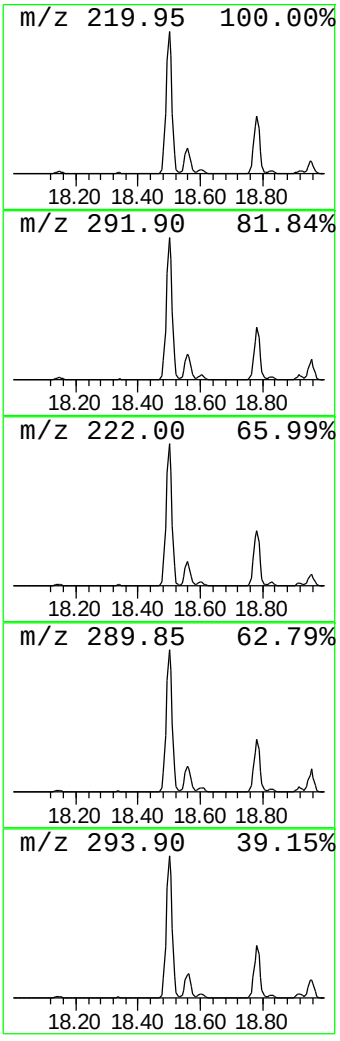
****

Peak Number 2 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	58.21 ng/ul	2497730	Phenanthrene-d10	17.44

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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

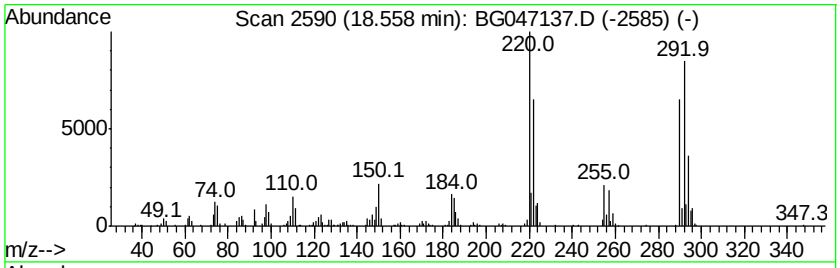
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

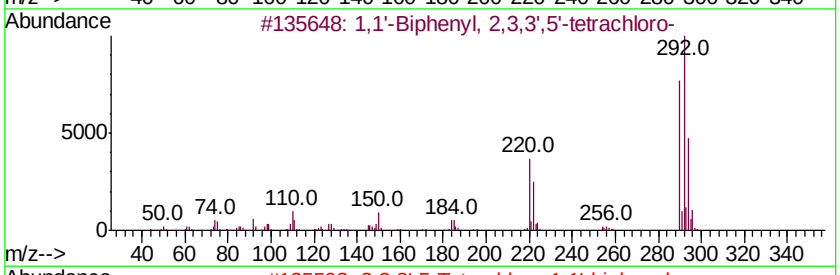
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

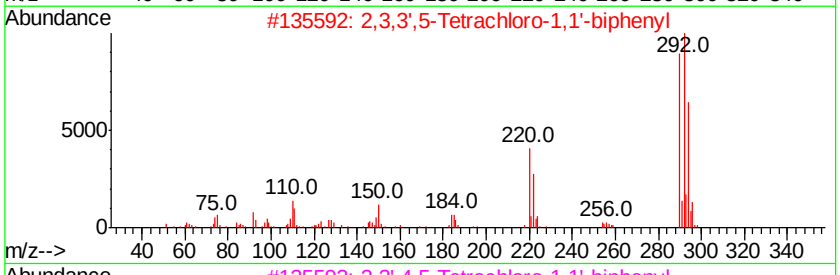
****
Peak Number 3 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 19

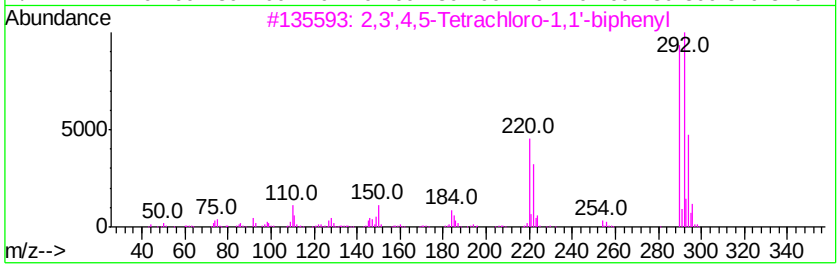
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	10.10 ng/ul	433442	Phenanthrene-d10	17.44

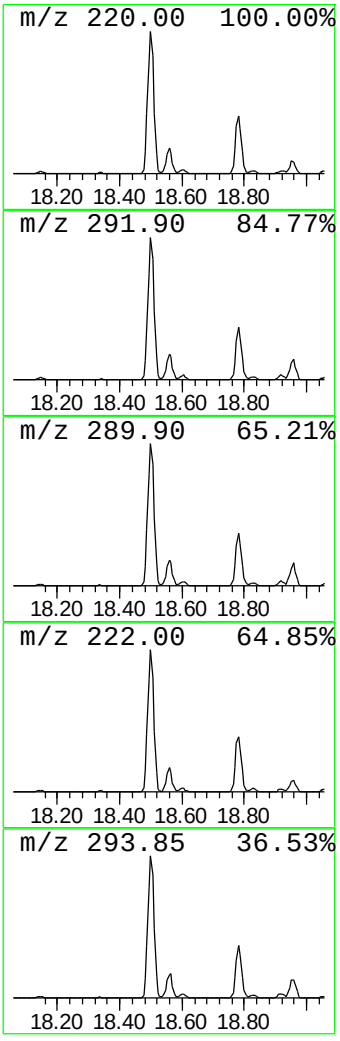
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	2,3,3',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070424-67-8	99
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
5	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99











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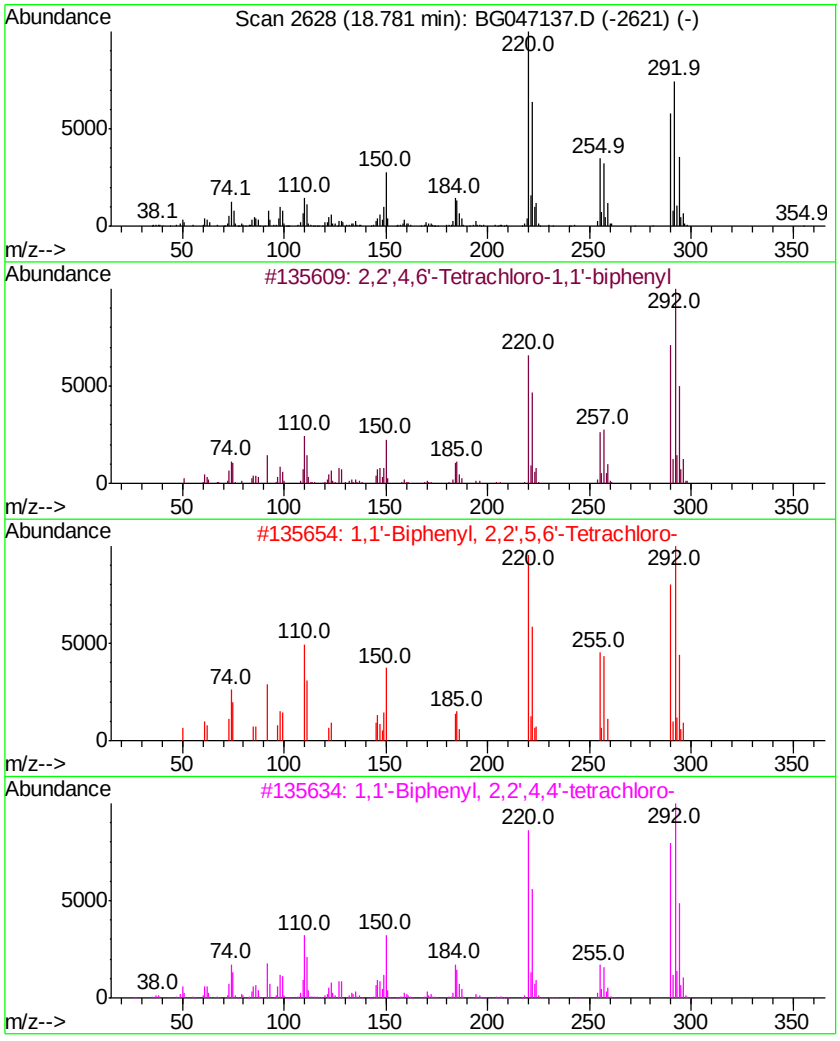
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

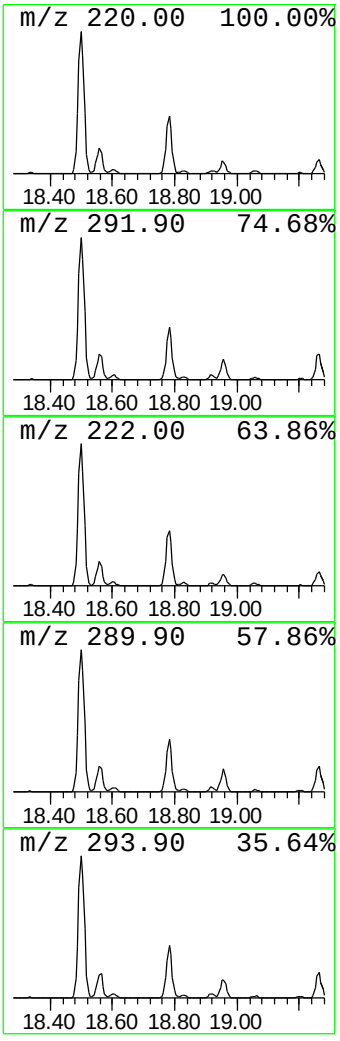
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	23.14 ng/ul	992759	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





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Operator : CG/JU
Sample : L4506-03
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

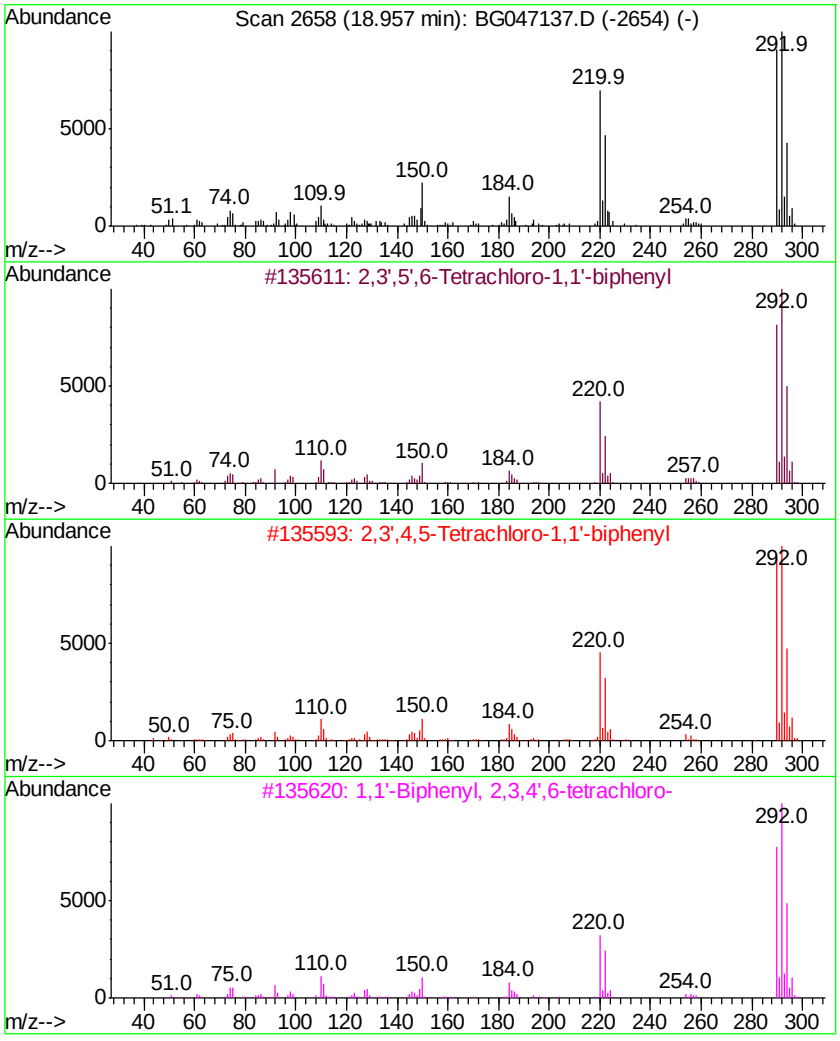
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

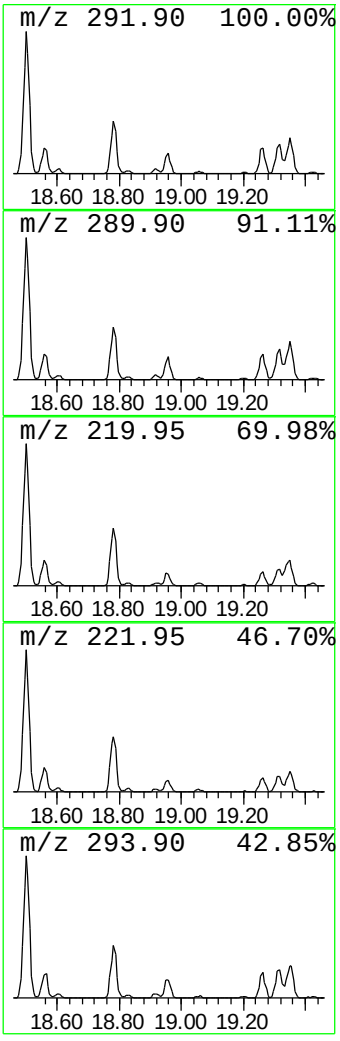
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	5.72 ng/ul	245362	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
2	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	98
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	96
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	95





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ALS Vial : 27 Sample Multiplier: 1

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

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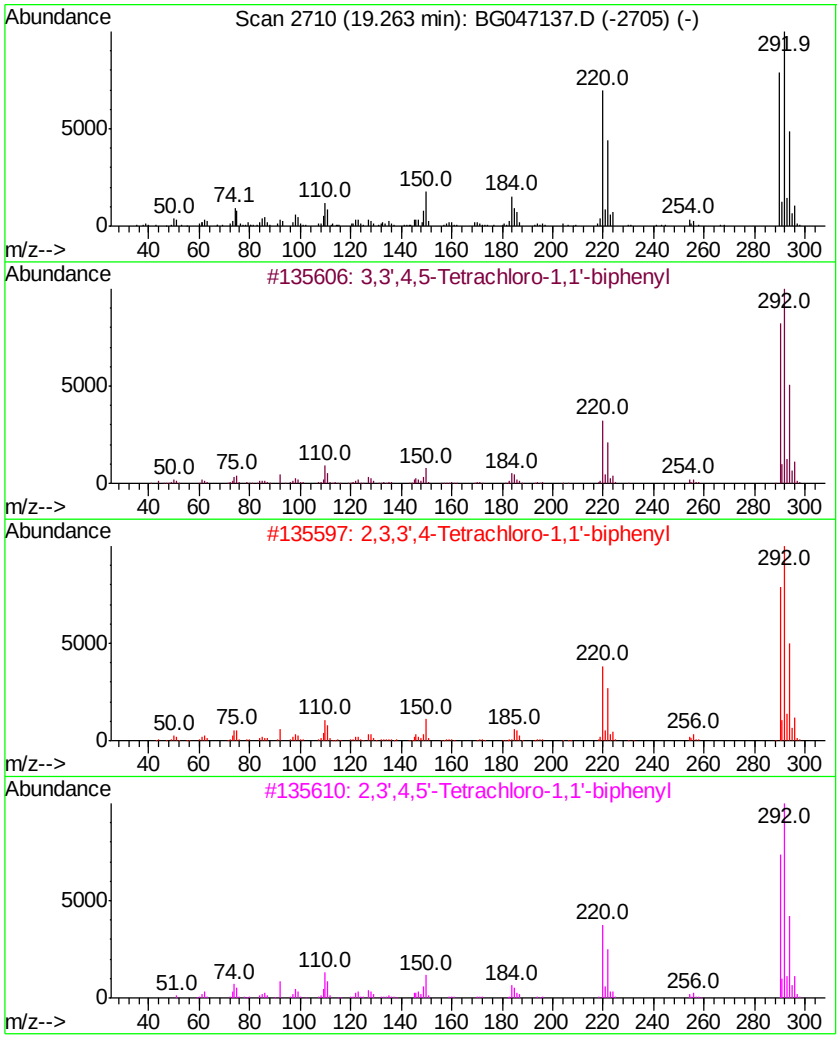
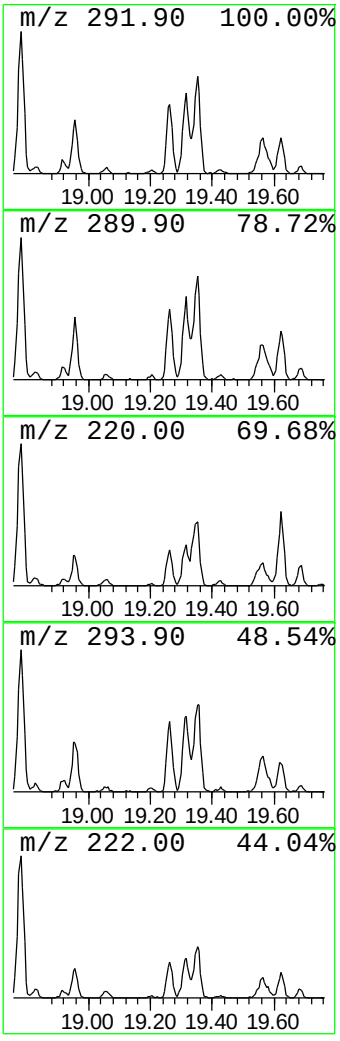
****

Peak Number 6 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	6.91 ng/ul	296645	Phenanthrene-d10	17.44

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	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Library Search Compound Report

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Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

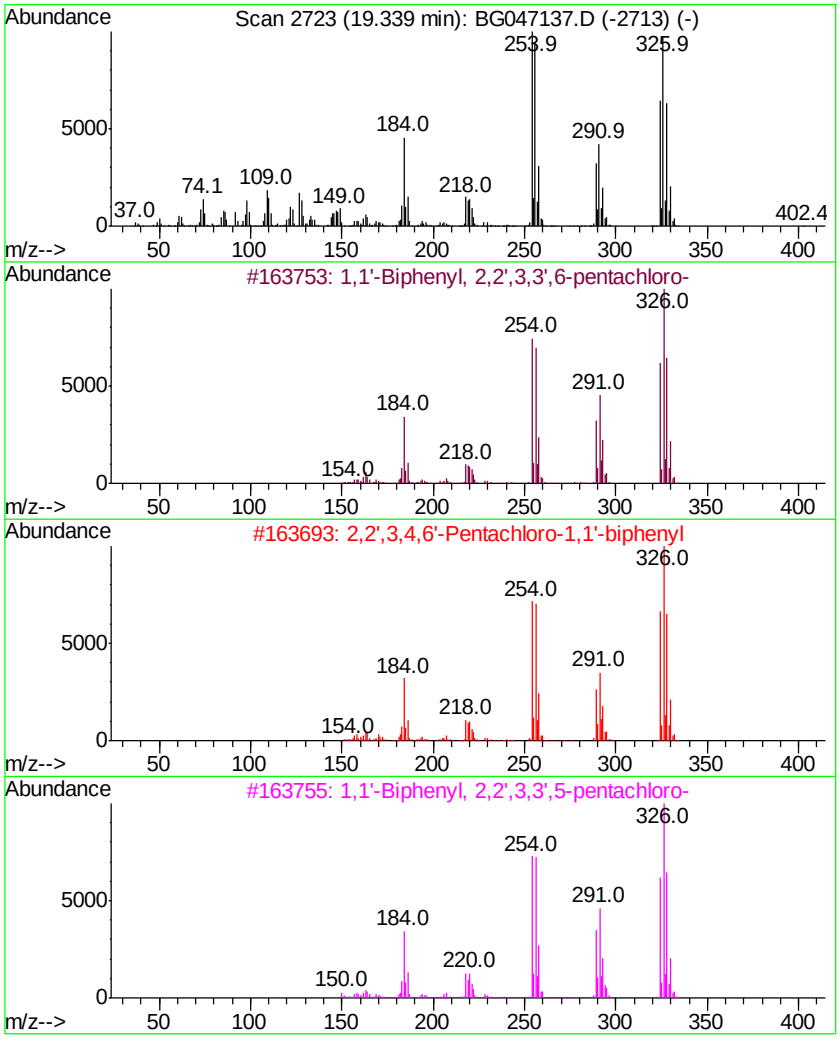
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

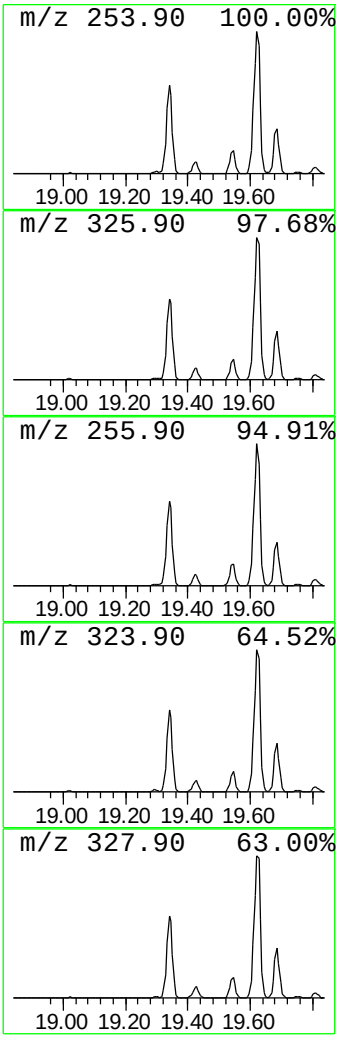
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	100.26 ng/ul	4301650	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99





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Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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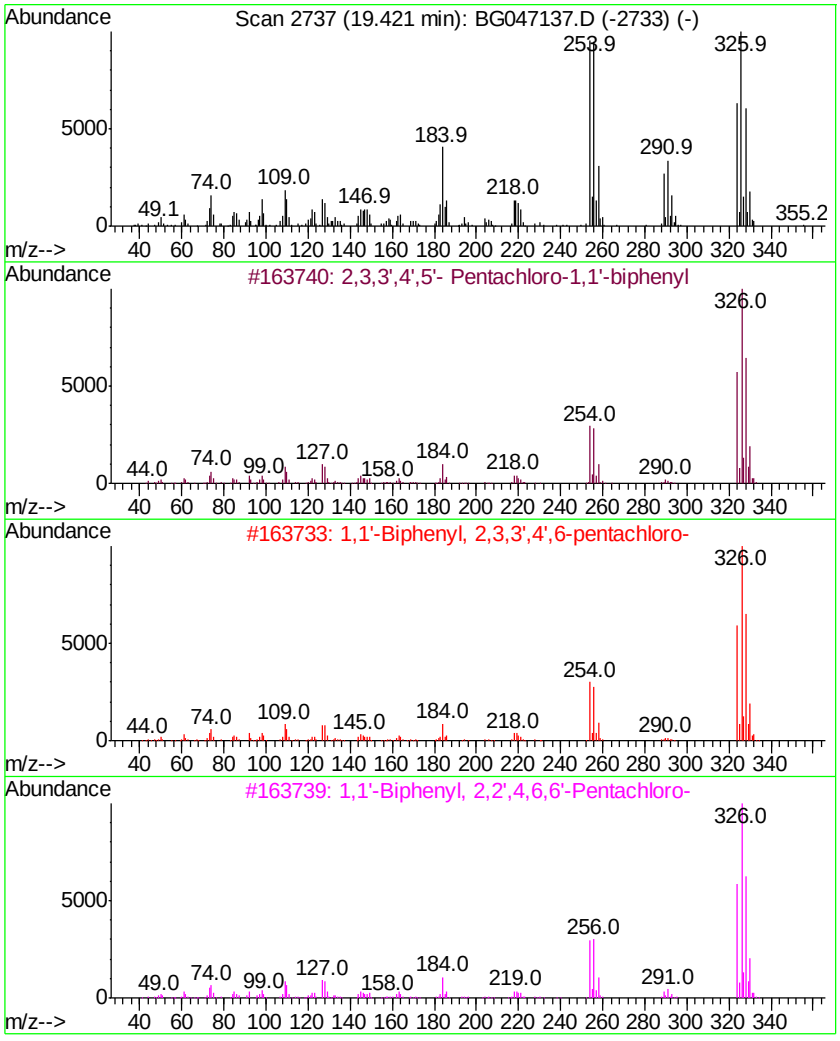
Quant Title : SVOA CALIBRATION

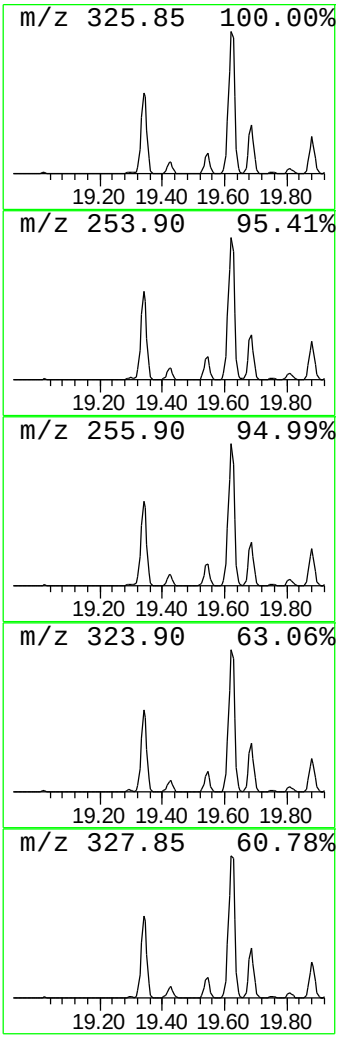
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,3,3',4',5'- Pentachloro-1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	10.73 ng/ul	460463	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

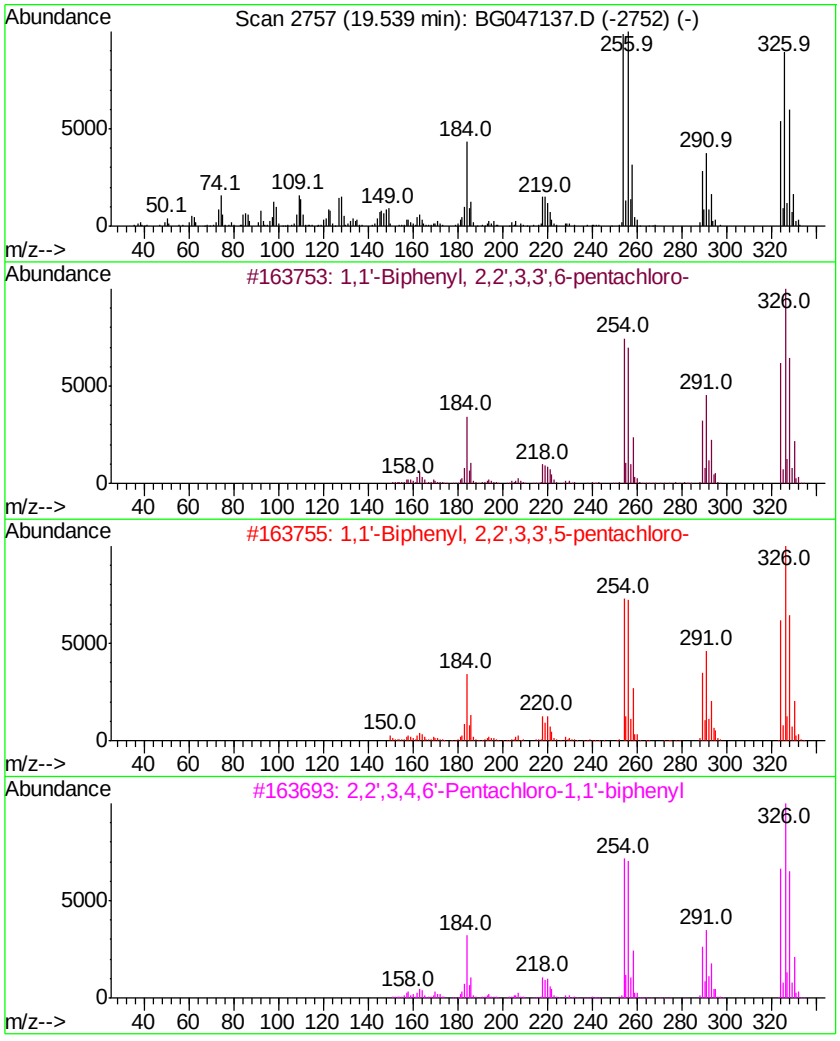
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

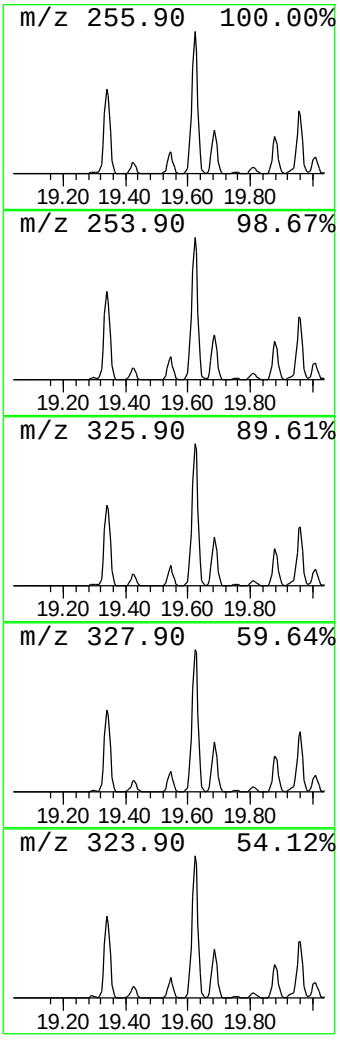
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	24.04 ng/ul	1031640	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99





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Data File : BG047137.D
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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

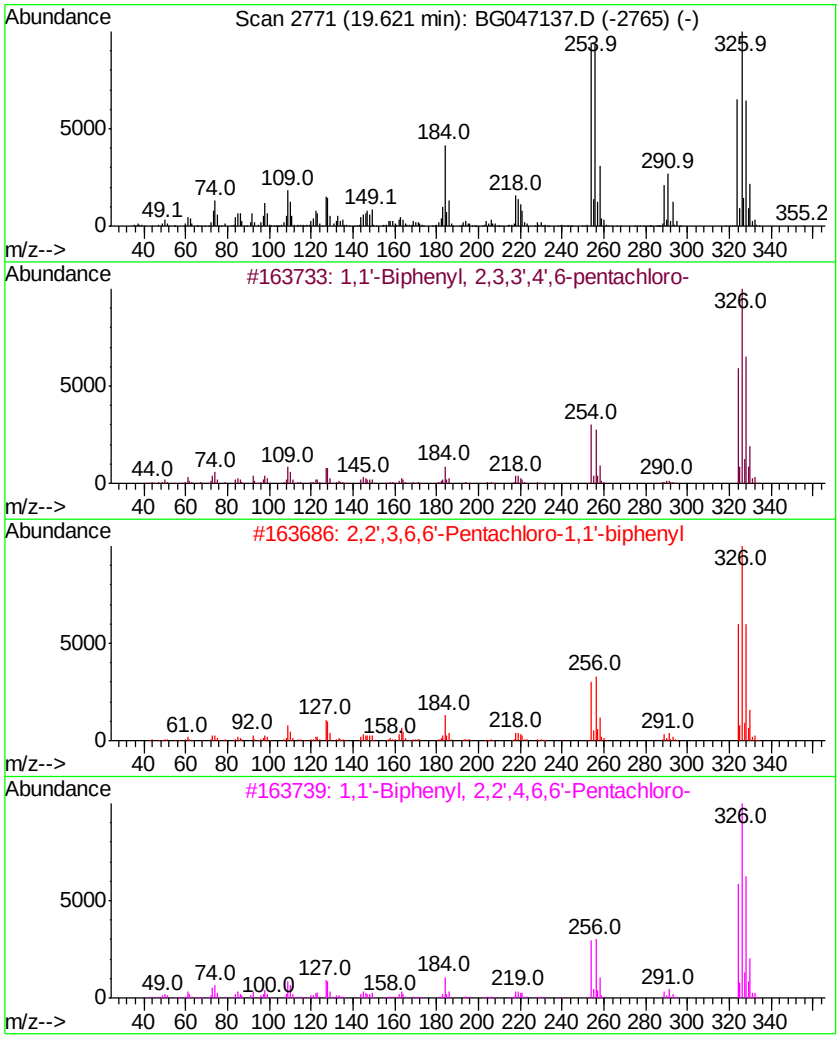
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

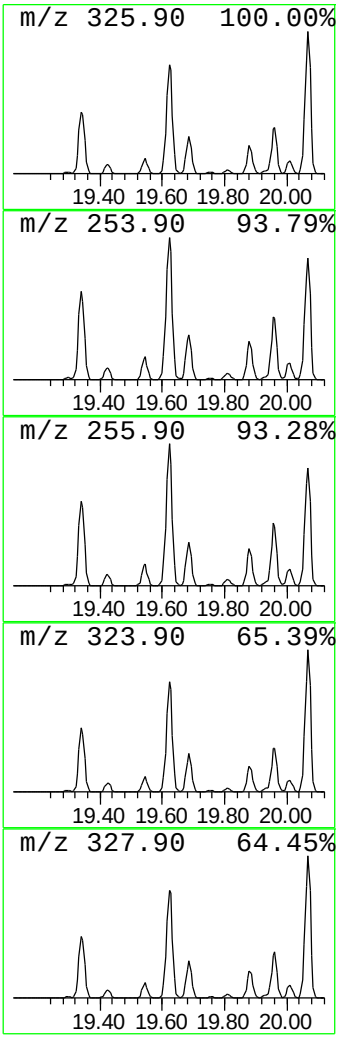
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	82.24 ng/ul	5934940	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99





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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

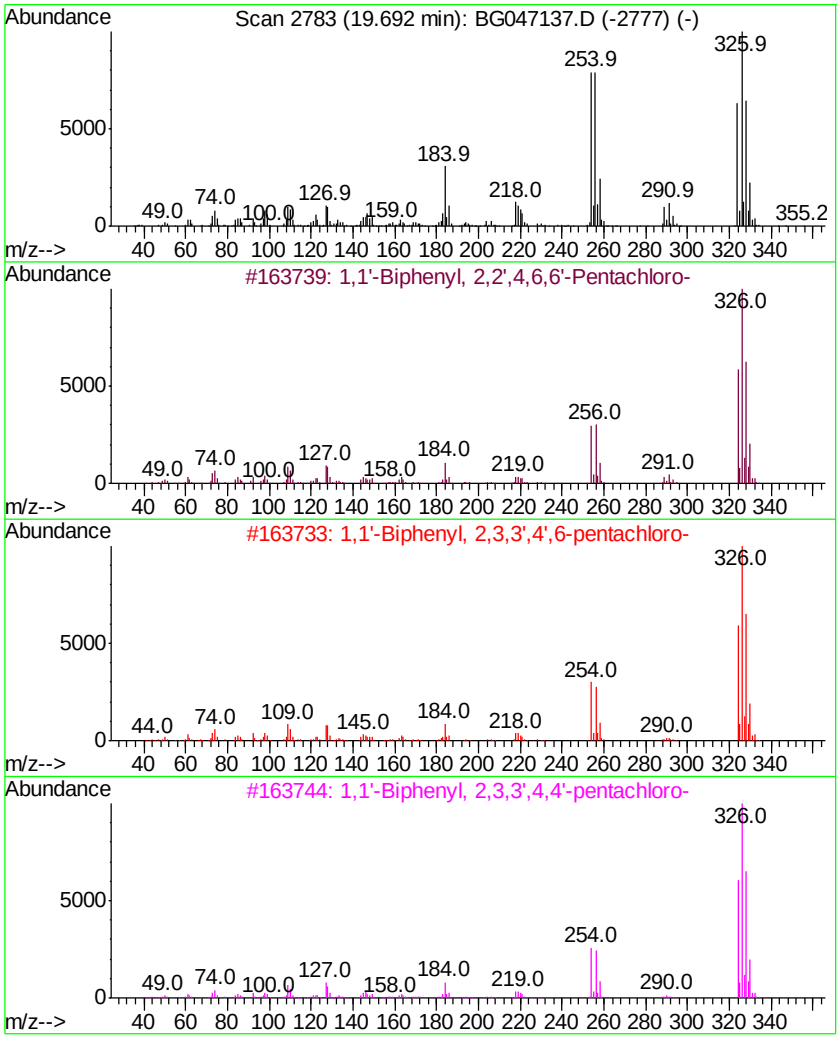
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

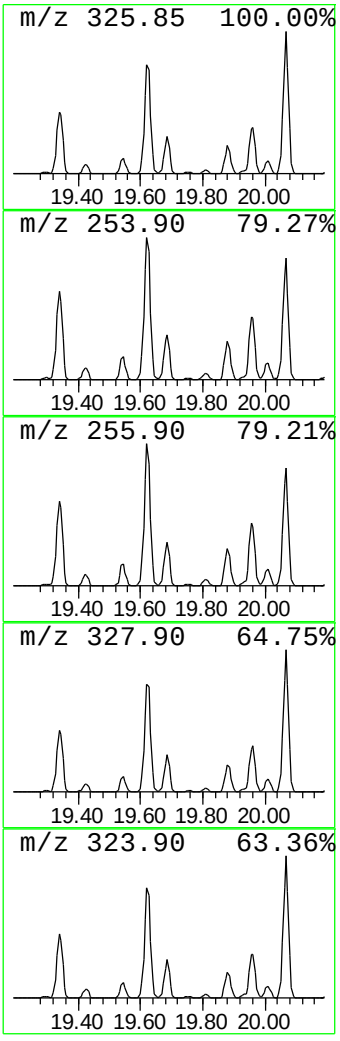
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	21.88 ng/ul	1579160	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99





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Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

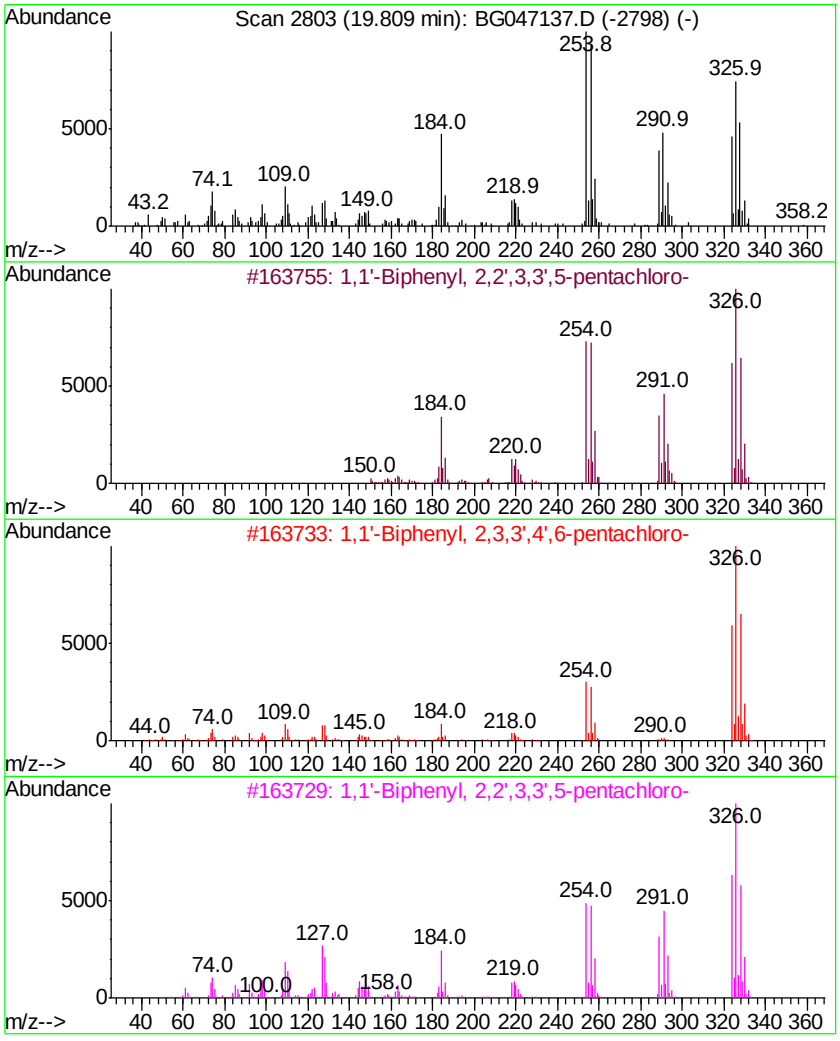
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

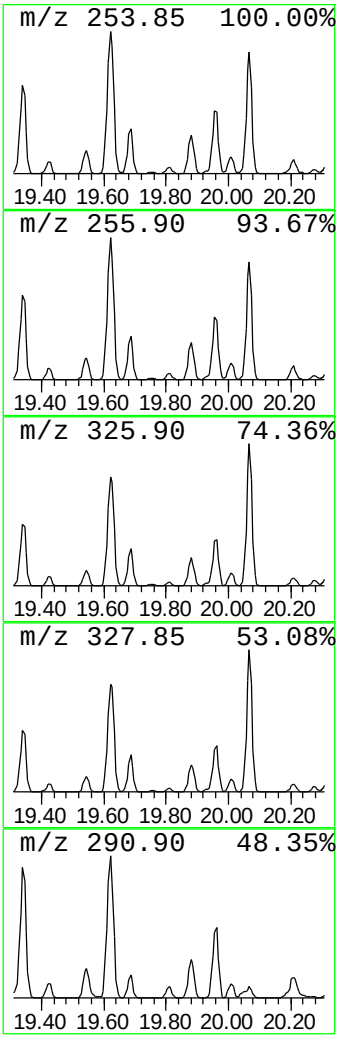
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	3.32 ng/ul	239327	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99





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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

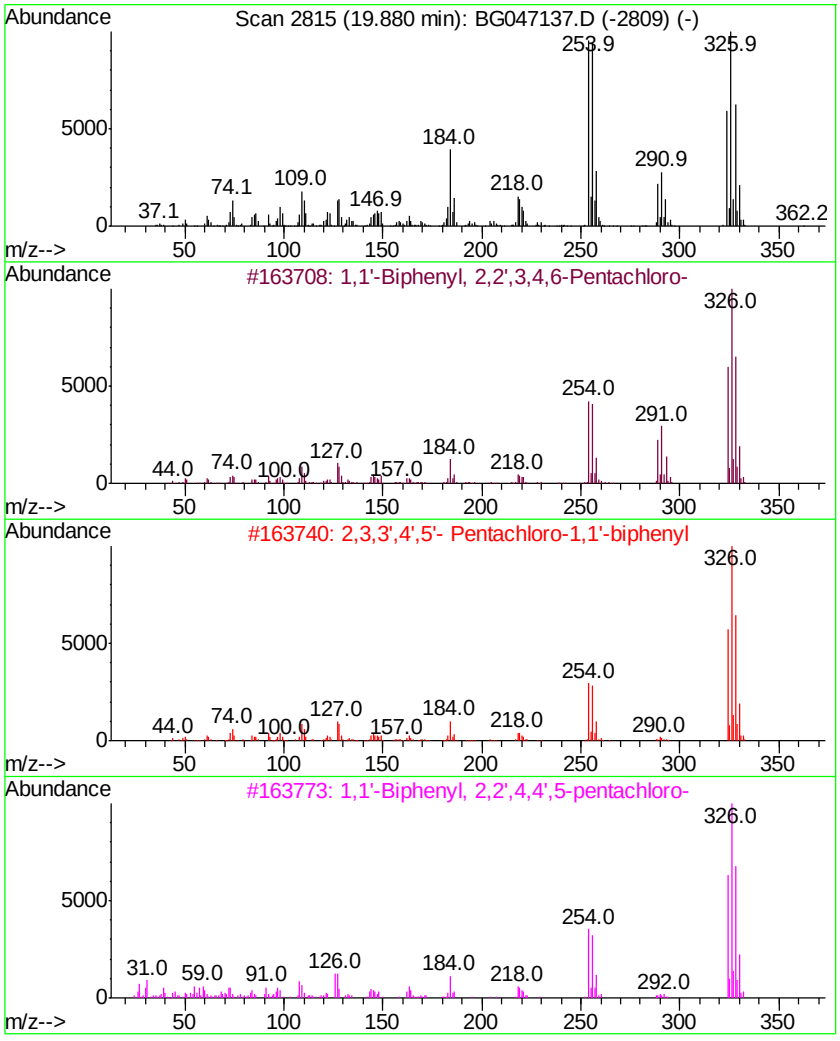
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

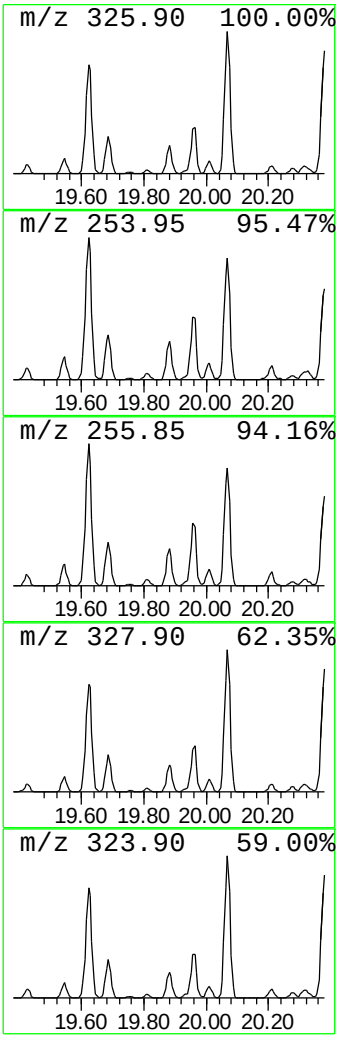
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	19.61 ng/ul	1415030	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





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Sample : L4506-03
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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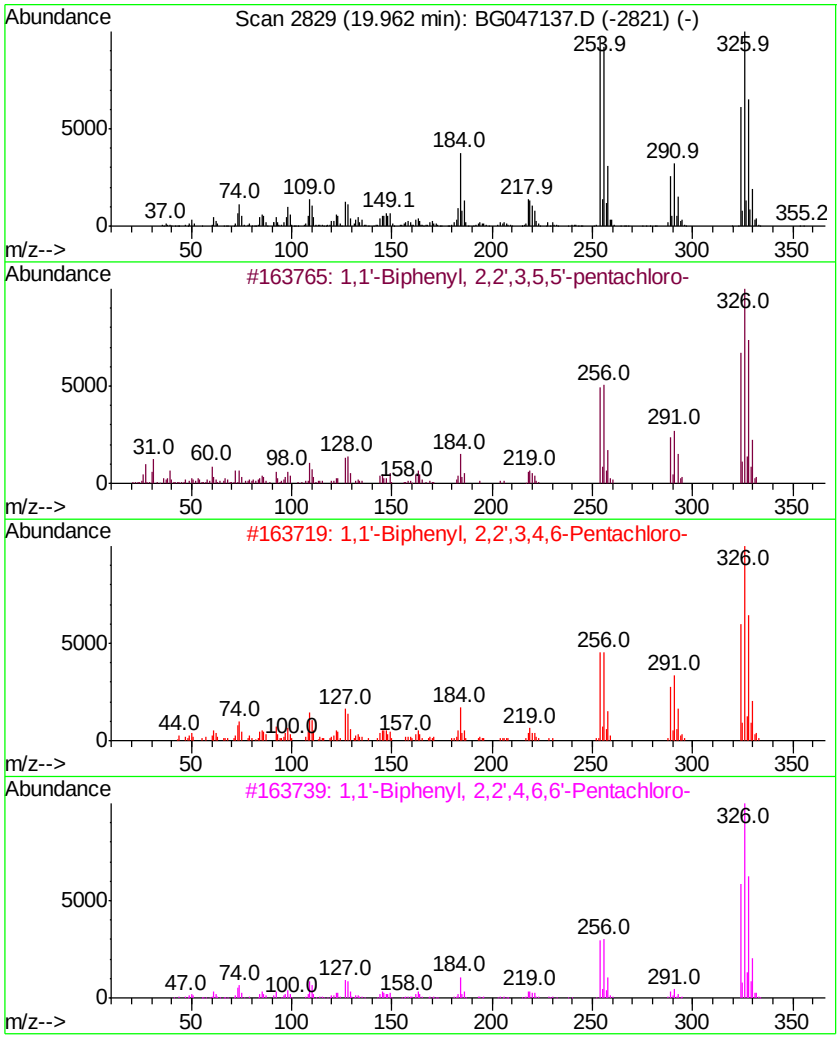
Quant Title : SVOA CALIBRATION

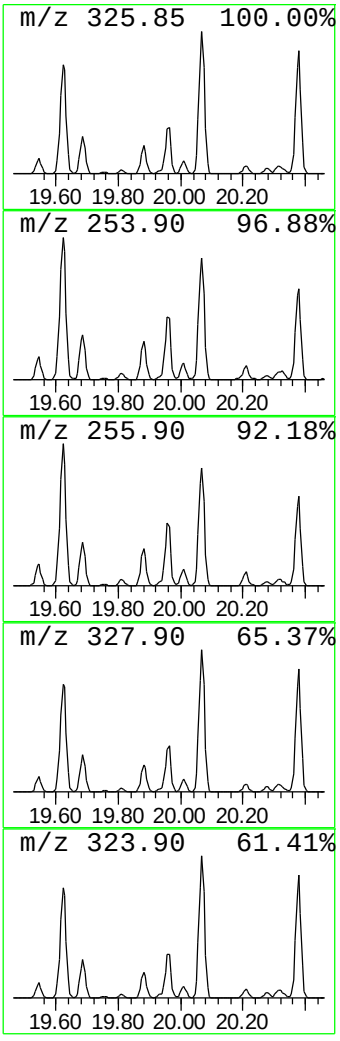
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	34.23 ng/ul	2470170	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

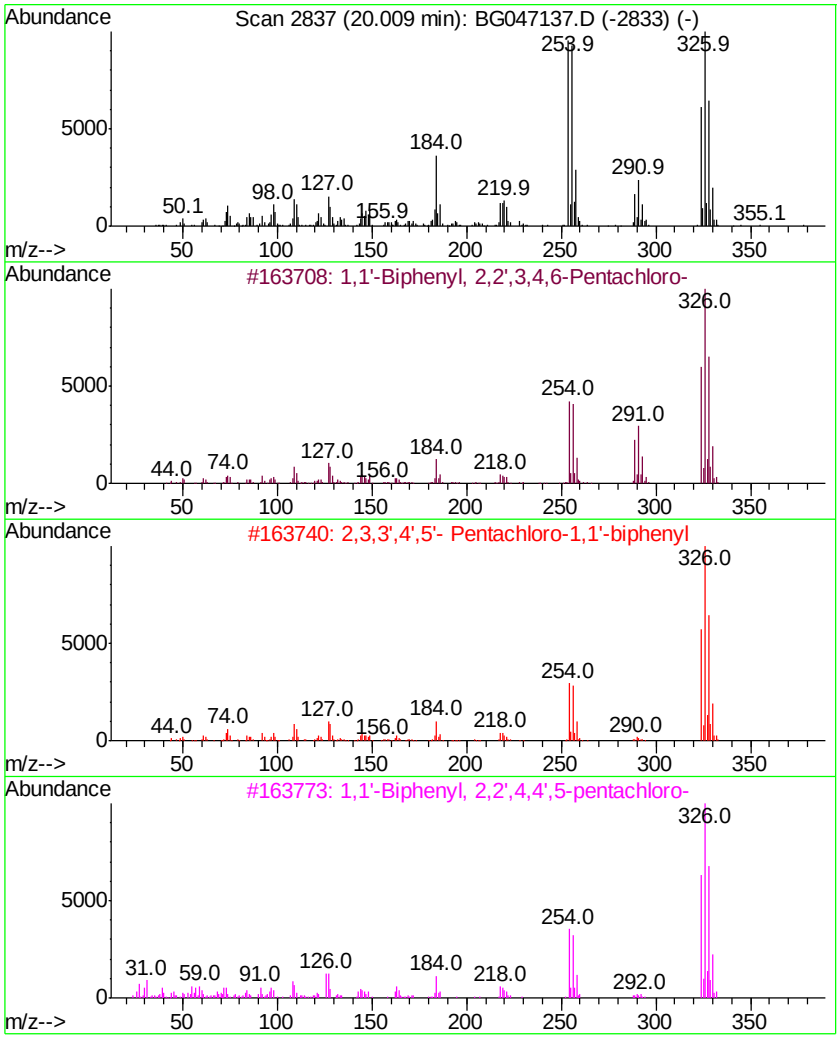
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

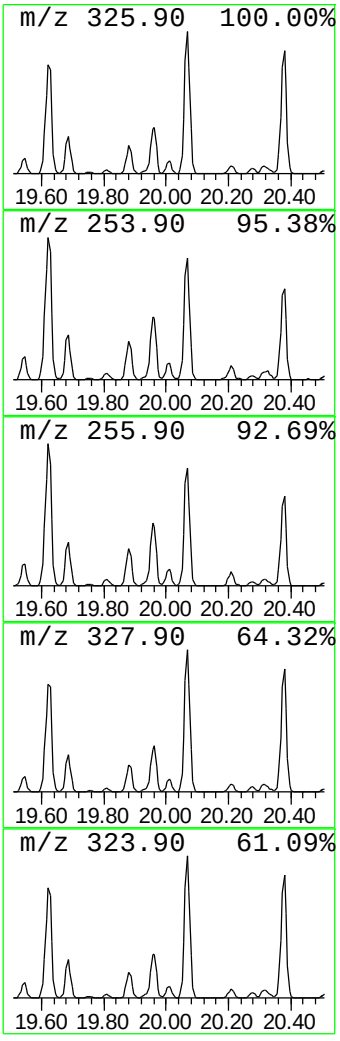
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	7.97 ng/ul	575123	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





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Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

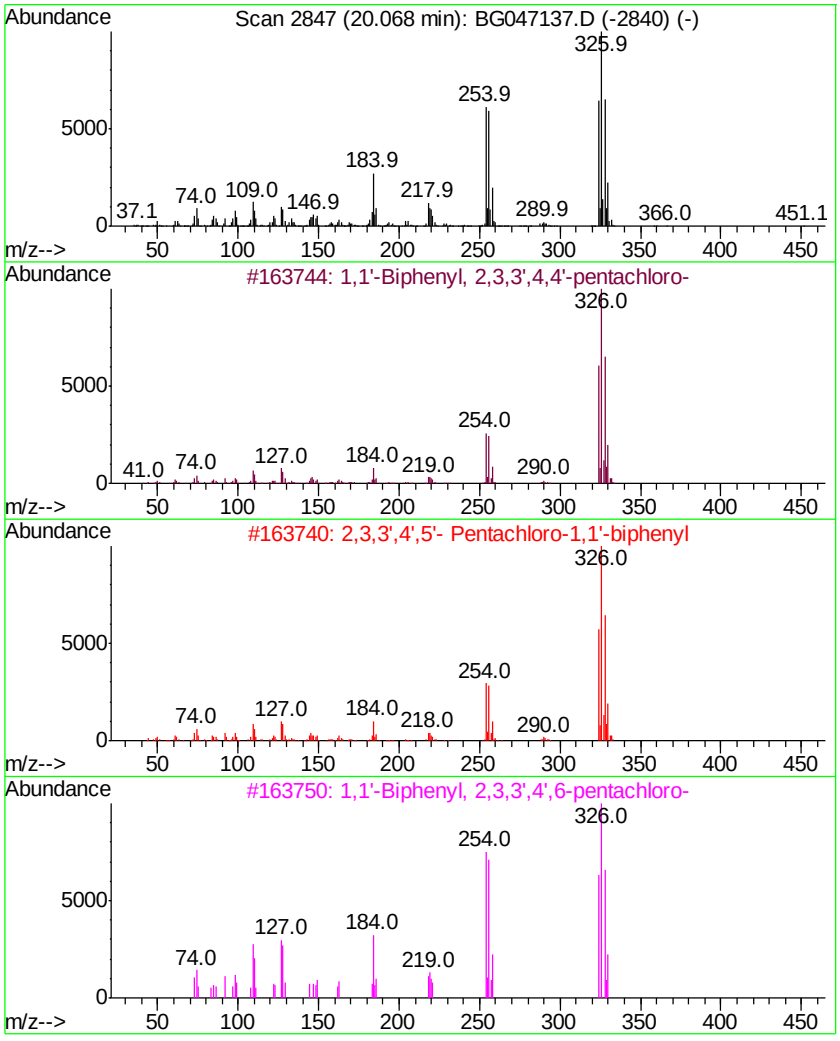
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

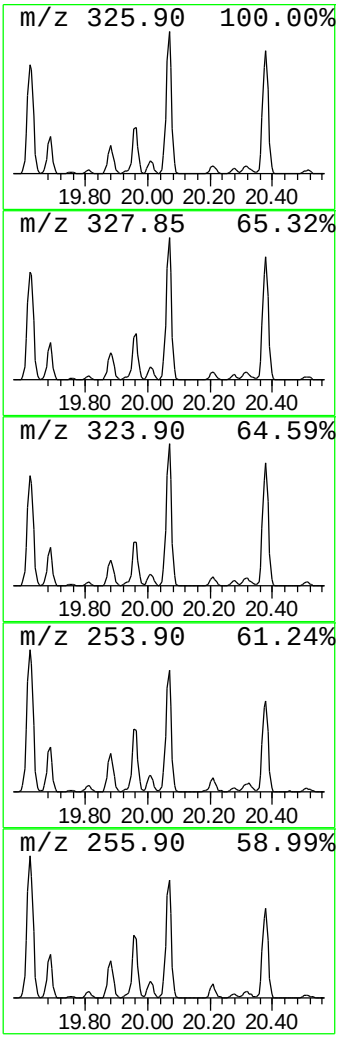
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	76.54 ng/ul	5523830	Chrysene-d12	21.70

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	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97





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Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

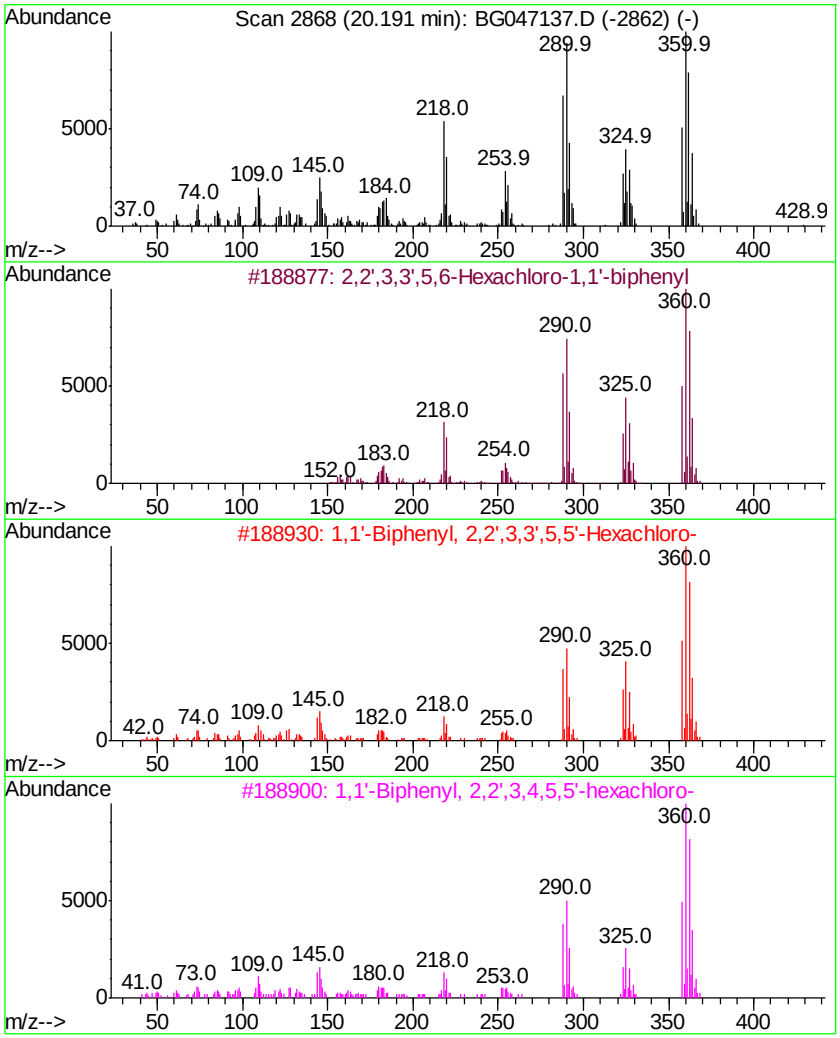
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

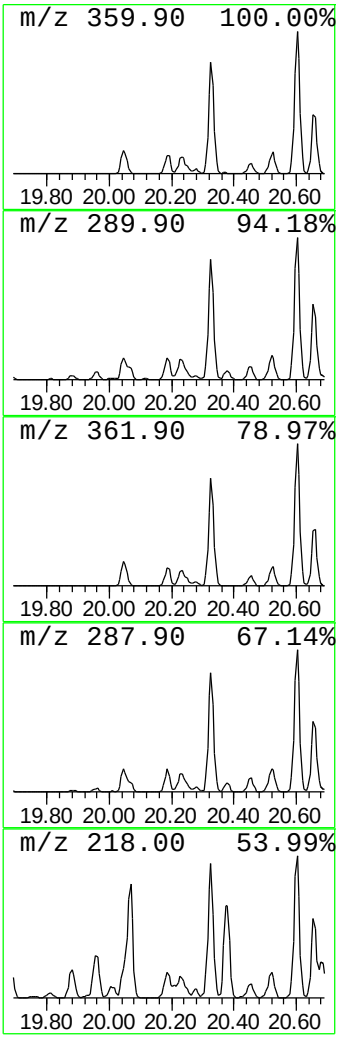
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	7.02 ng/ul	506933	Chrysene-d12	21.70

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',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	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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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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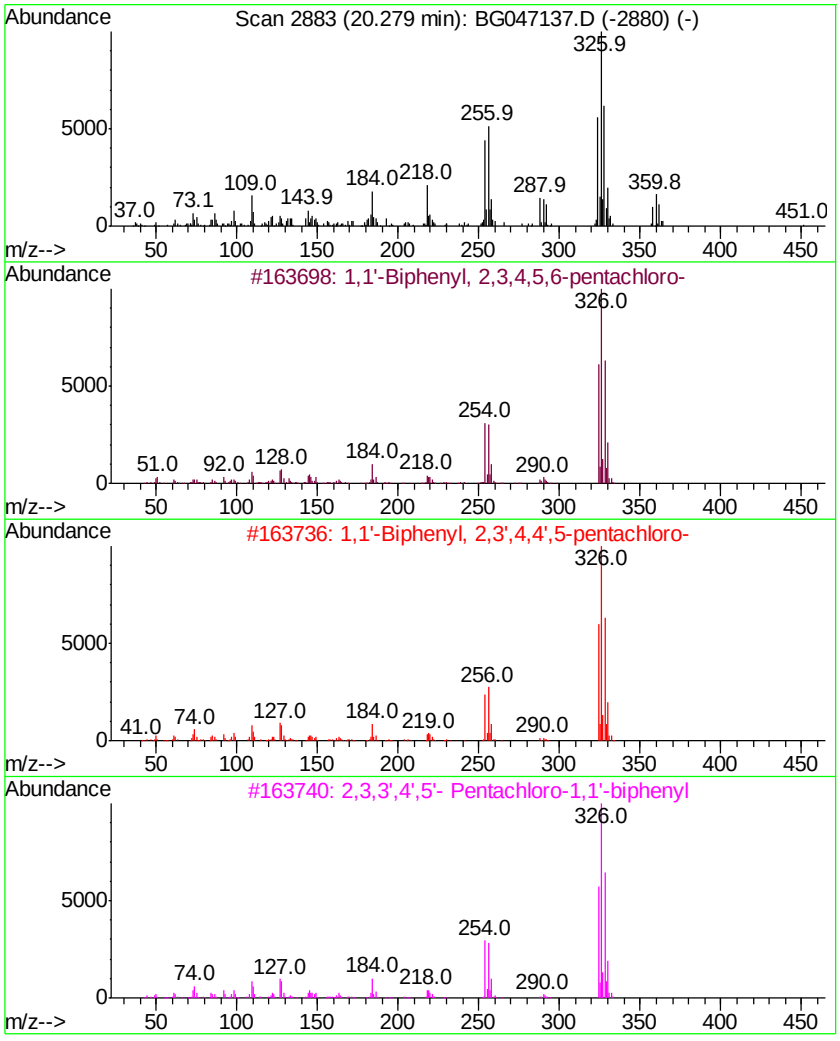
Quant Title : SVOA CALIBRATION

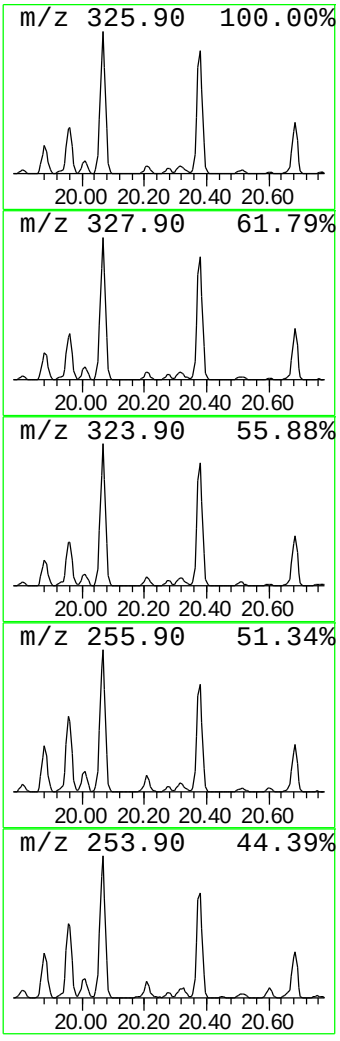
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,3,4,5,6-pe... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	2.18 ng/ul	157176	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	96
4	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	96
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95





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Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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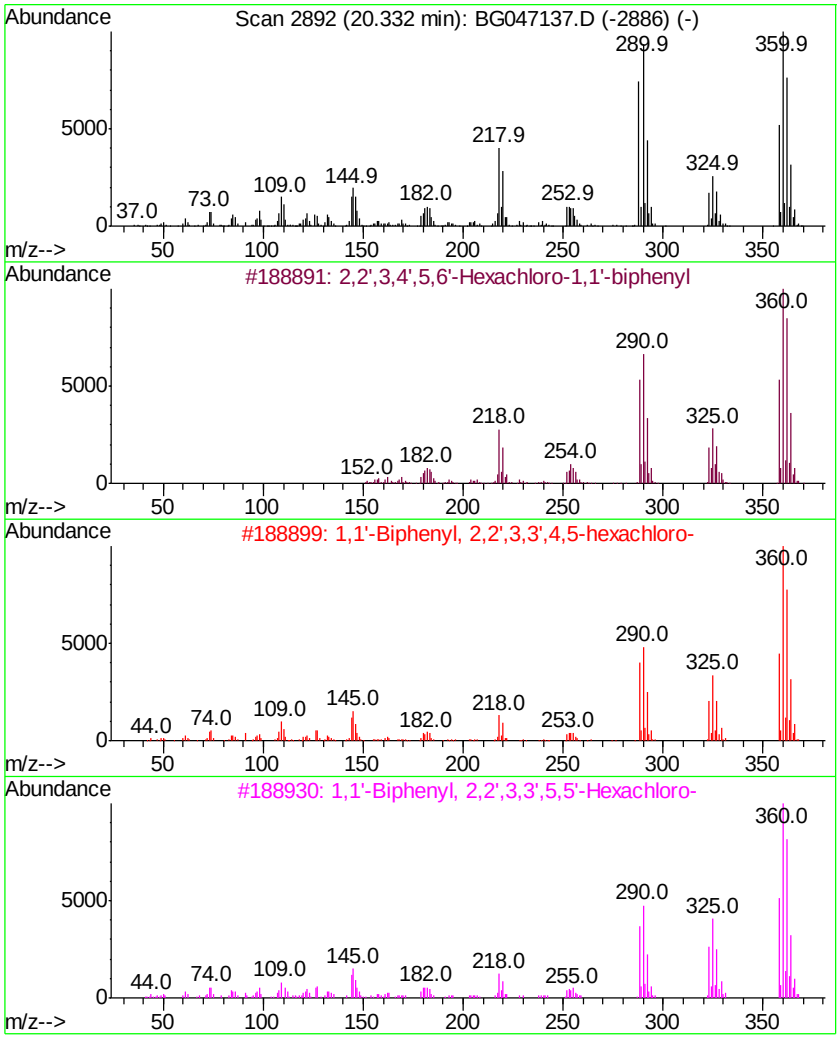
Quant Title : SVOA CALIBRATION

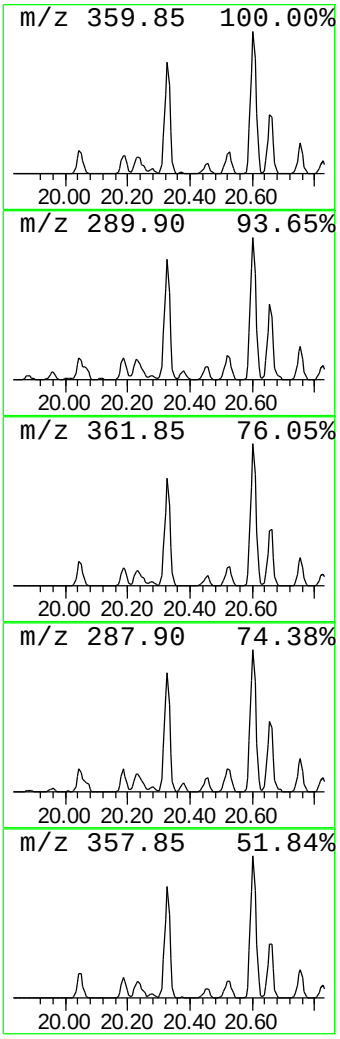
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	32.72 ng/ul	2361400	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





Library Search Compound Report

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Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

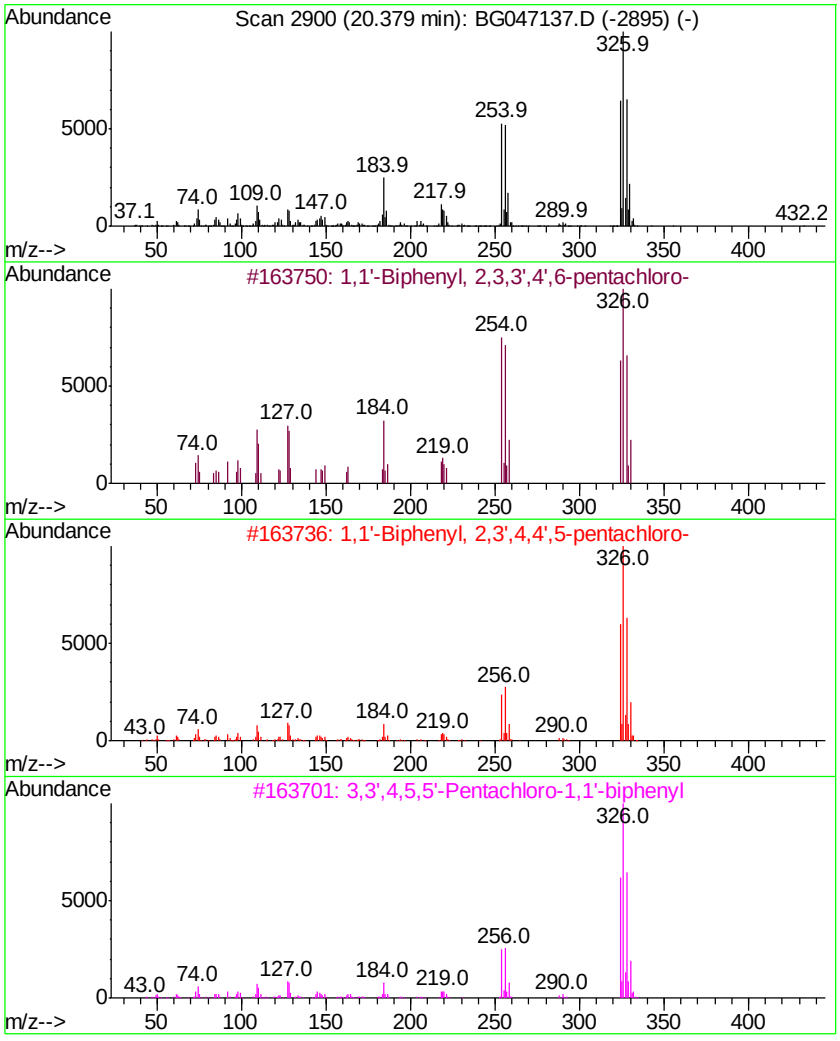
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

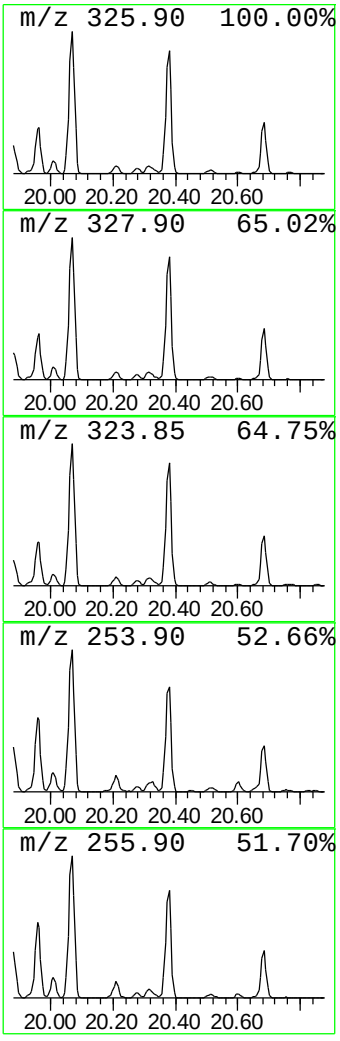
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	58.51 ng/ul	4222200	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	98
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	98





Library Search Compound Report

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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

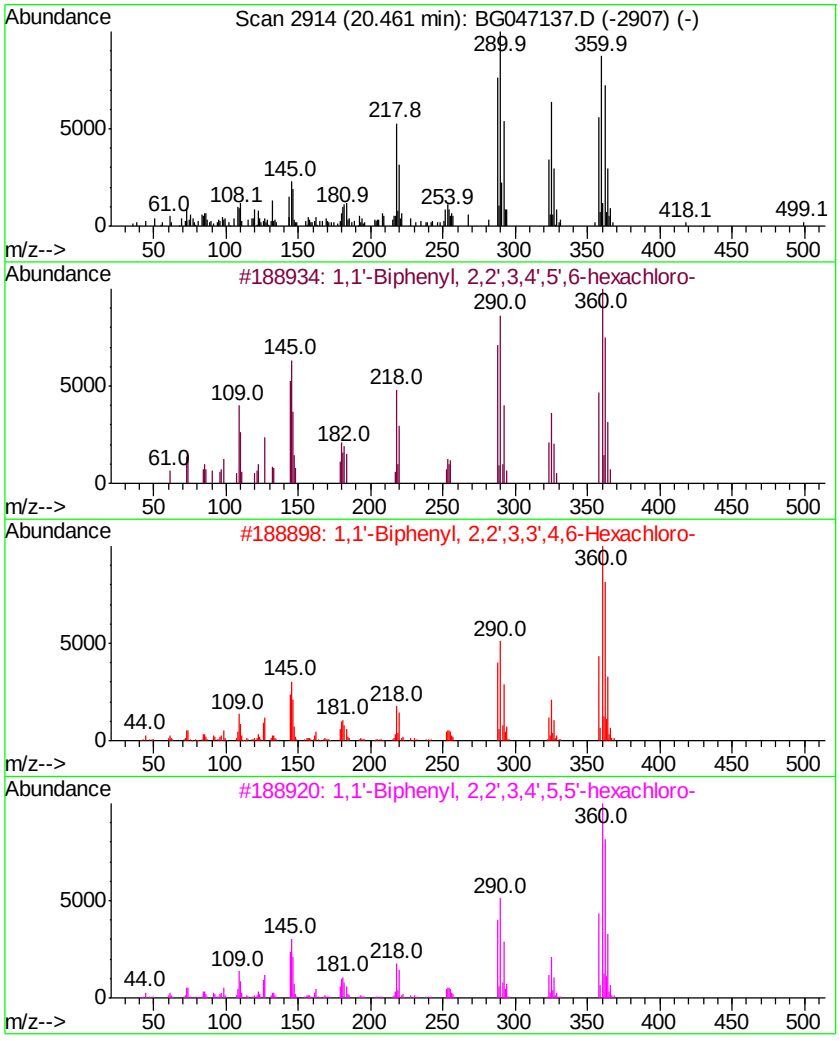
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

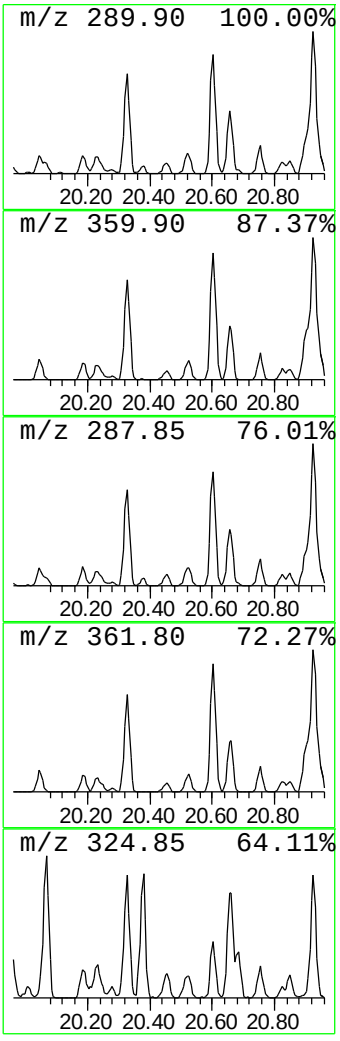
****

Peak Number 21 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	3.95 ng/ul	284736	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	97
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	97
4	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	96
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96





Library Search Compound Report

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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

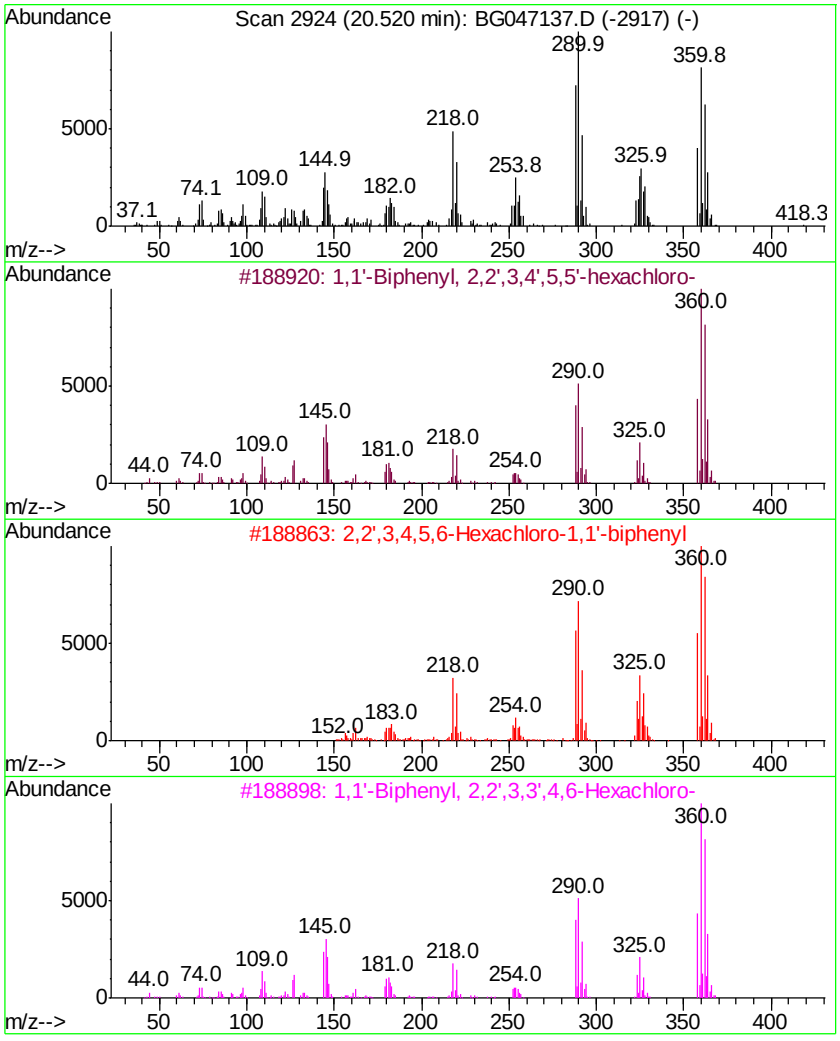
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

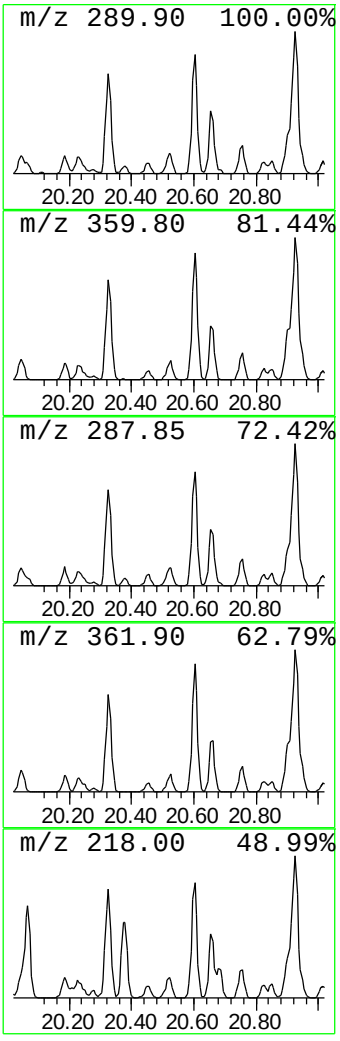
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	8.77 ng/ul	633079	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99





Library Search Compound Report

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Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

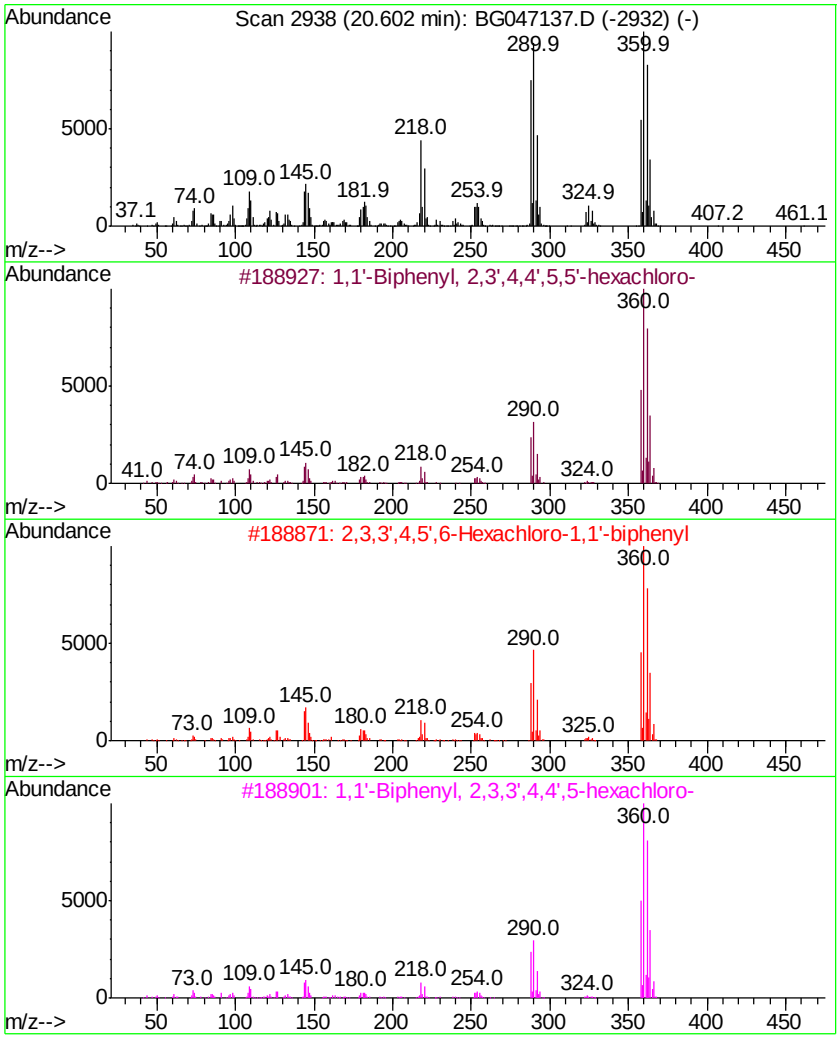
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

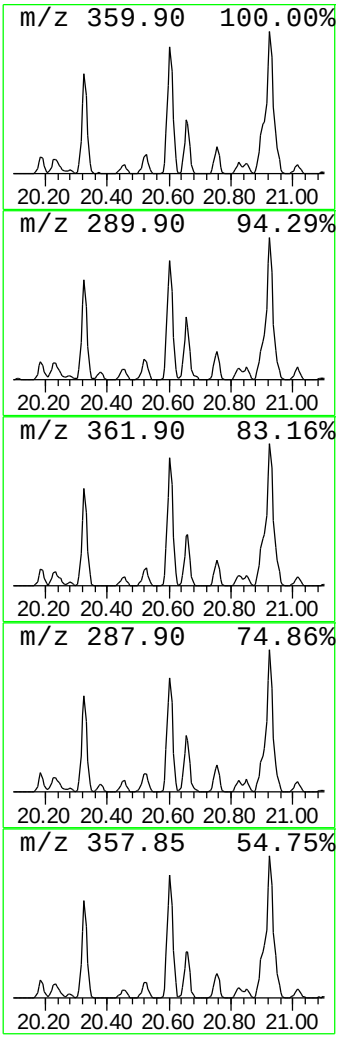
****

Peak Number 23 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	35.98 ng/ul	2596720	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',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99





Library Search Compound Report

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Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

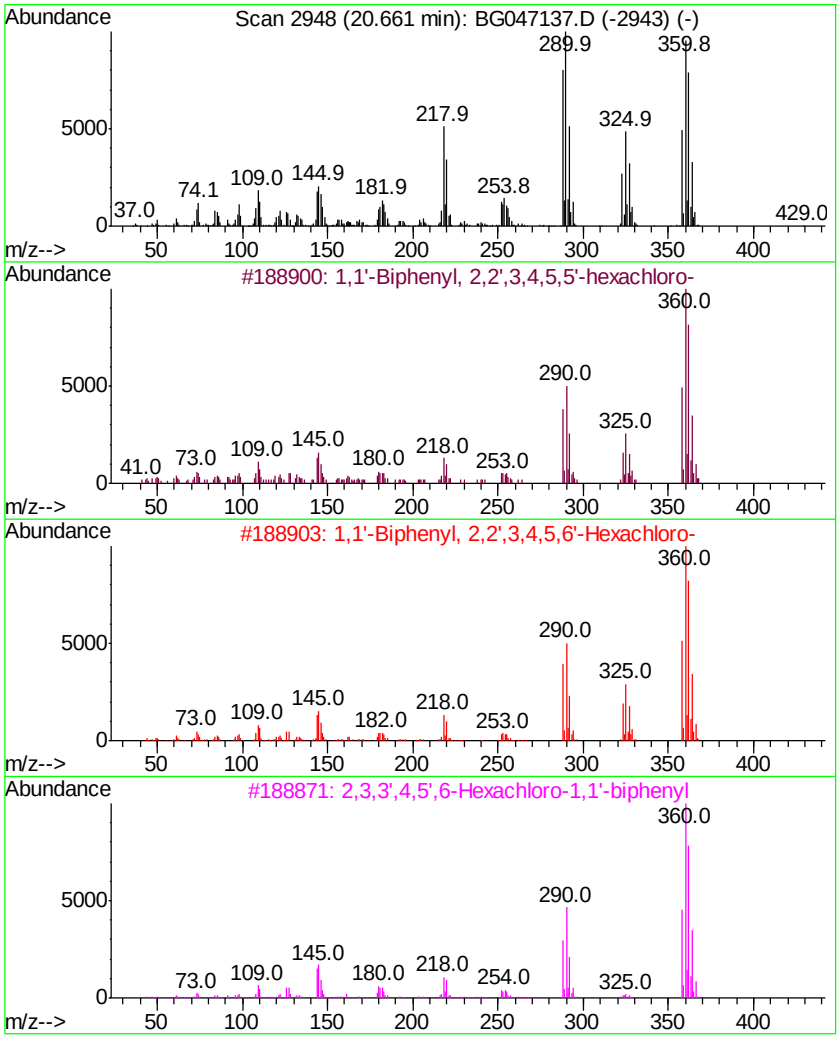
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

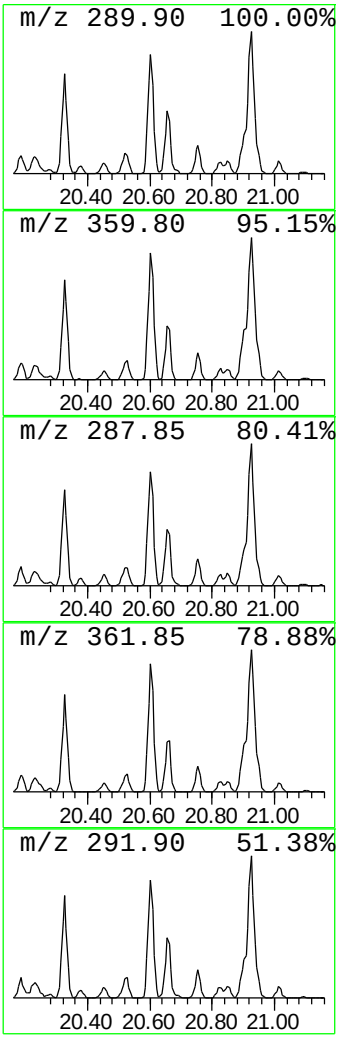
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	19.27 ng/ul	1390600	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





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Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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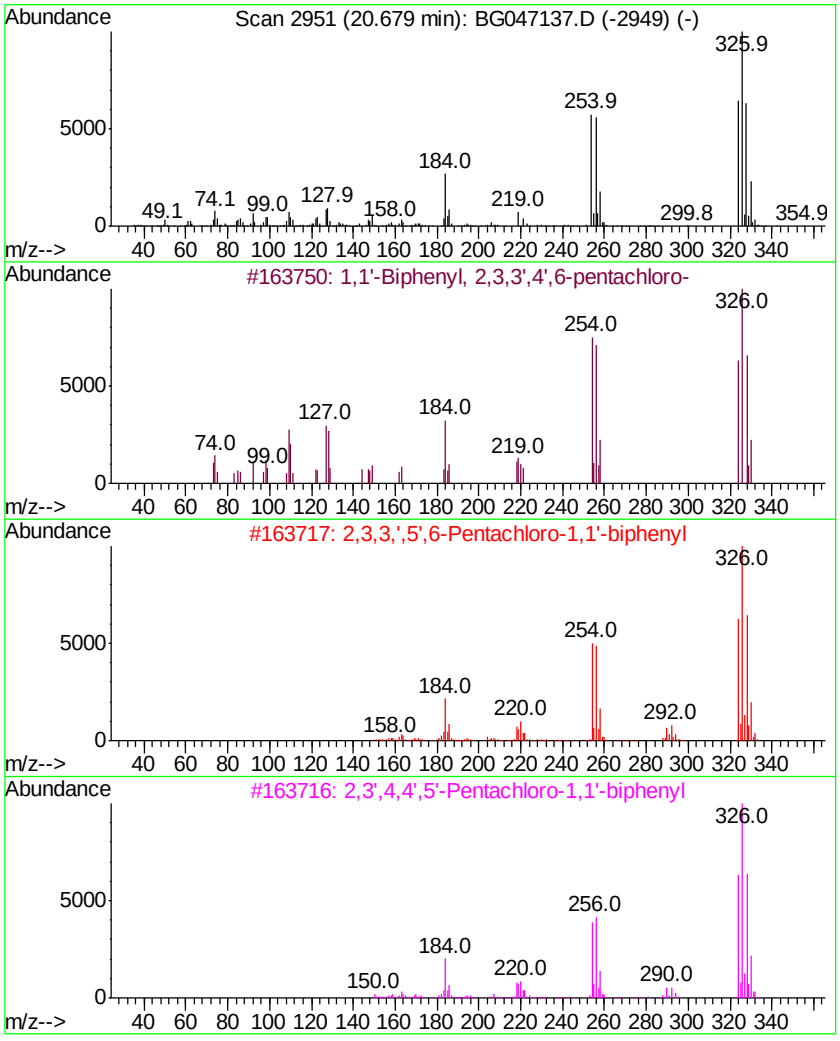
Quant Title : SVOA CALIBRATION

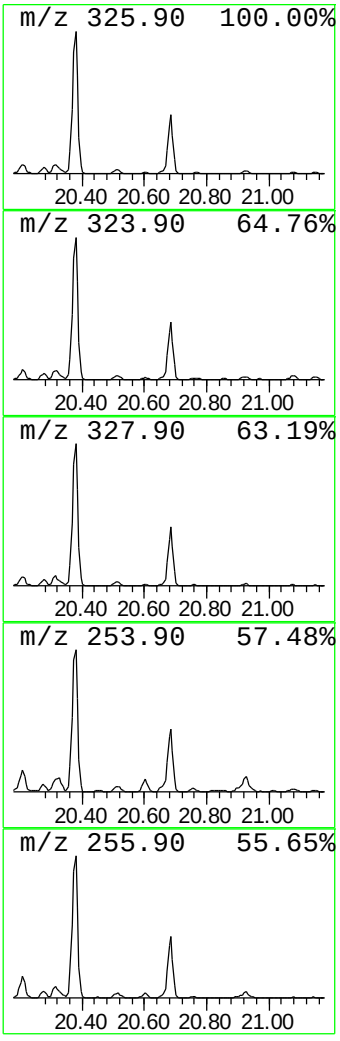
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2,3,3,',5',6-Pentachloro-1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	22.85 ng/ul	1648900	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
2	2,3,3,',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	95
3	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	95
4	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	95
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	95





Library Search Compound Report

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Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

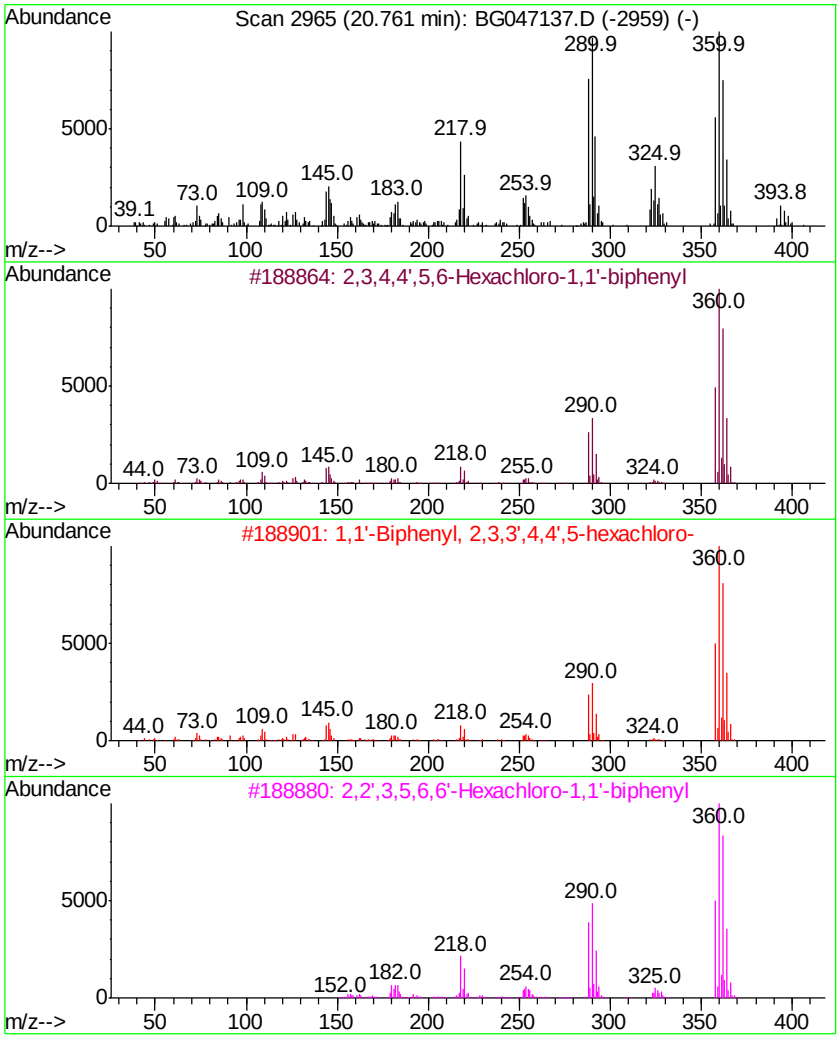
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

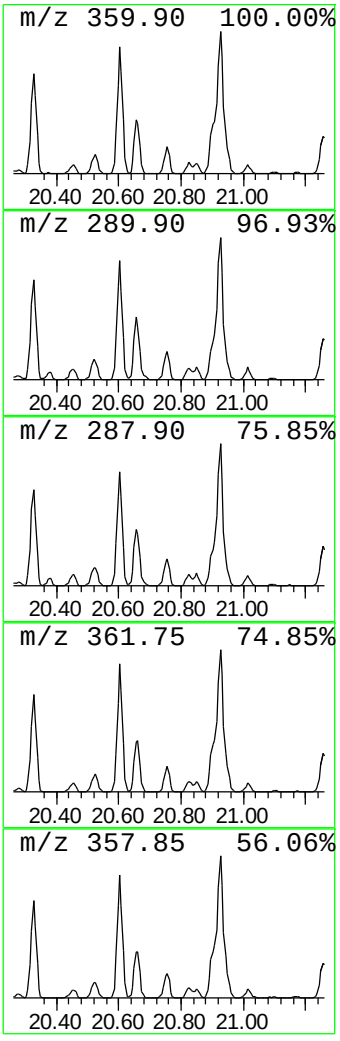
****

Peak Number 26 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	9.49 ng/ul	685043	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

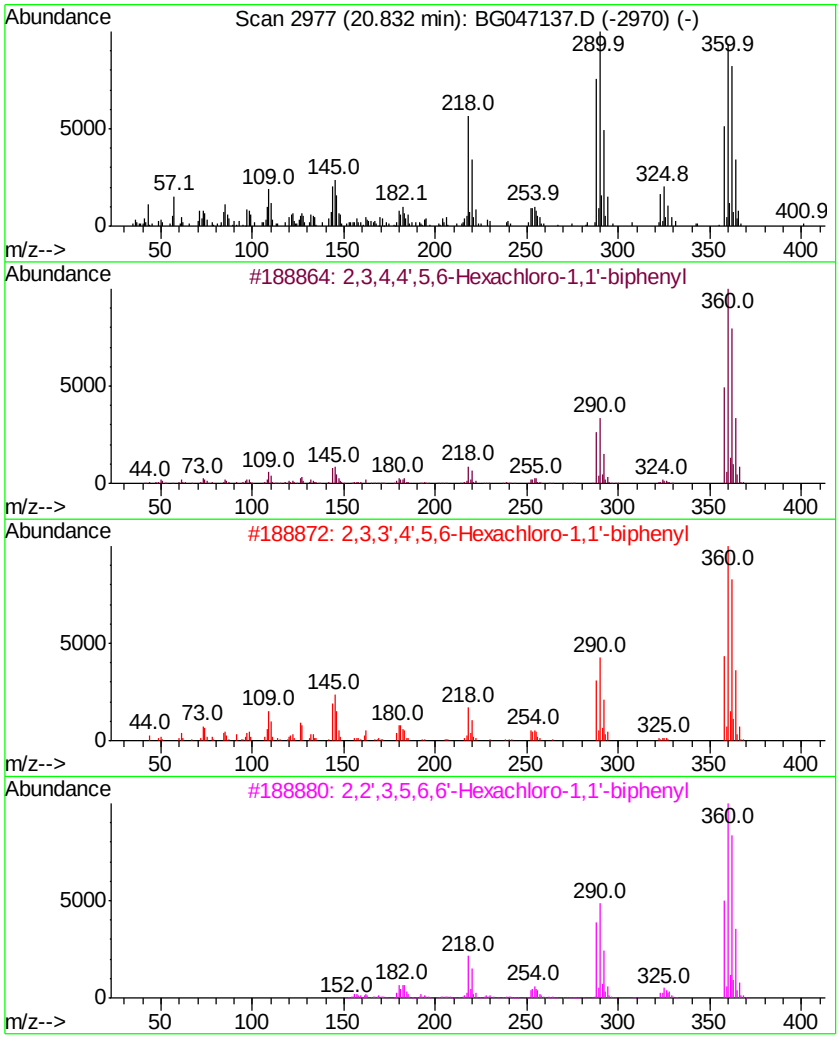
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

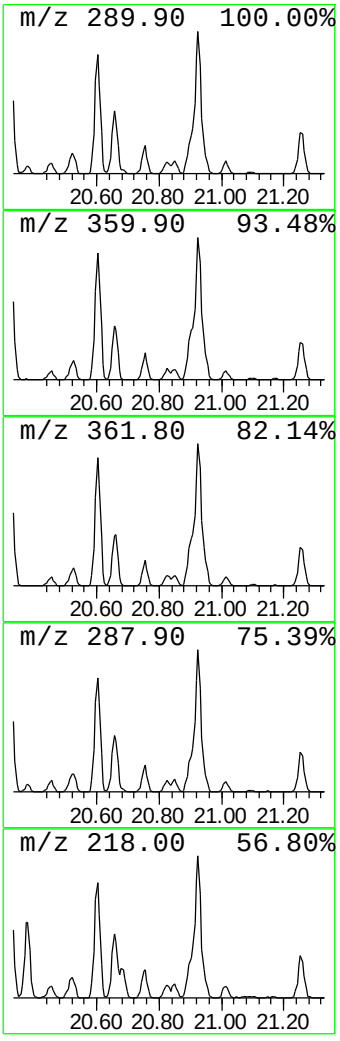
****

Peak Number 27 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.14 ng/ul	298834	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

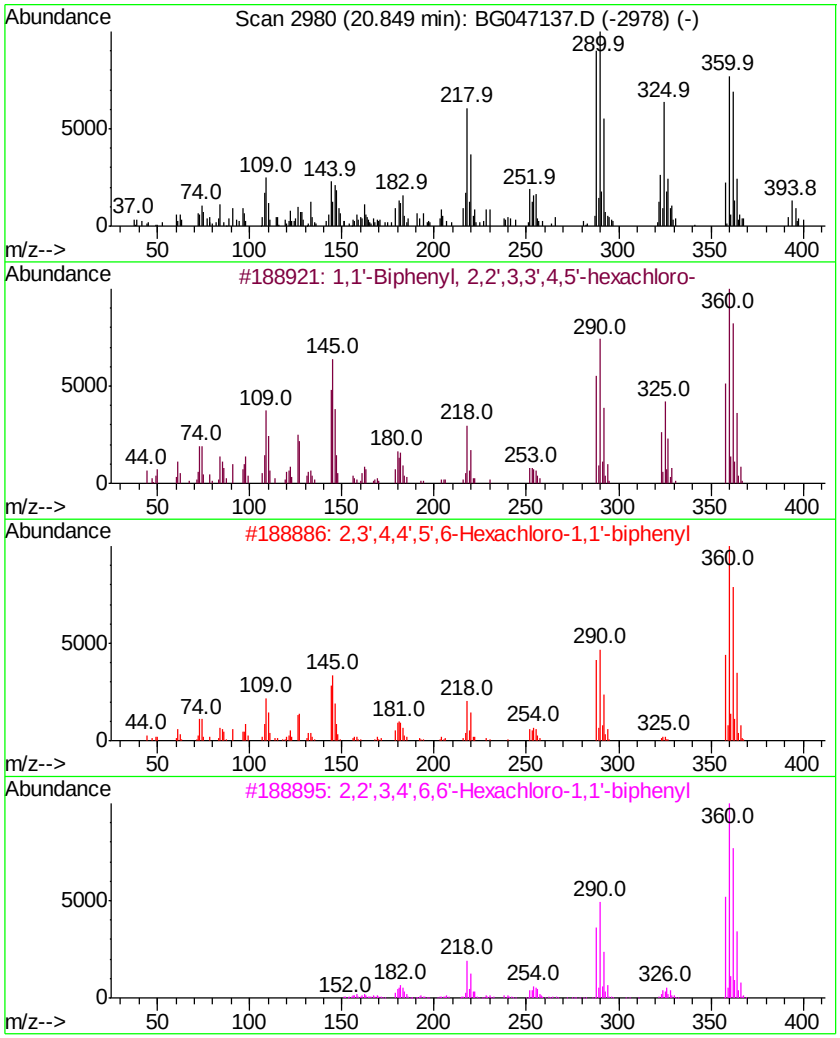
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

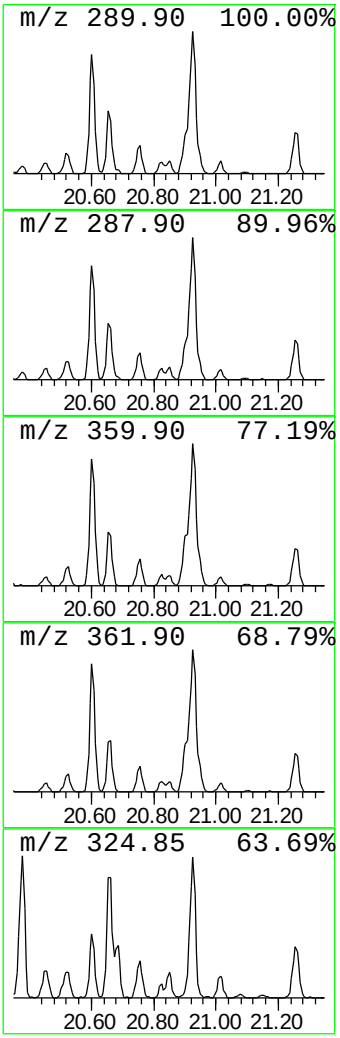
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	3.39 ng/ul	244502	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	95
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	95
3	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	95
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	95
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

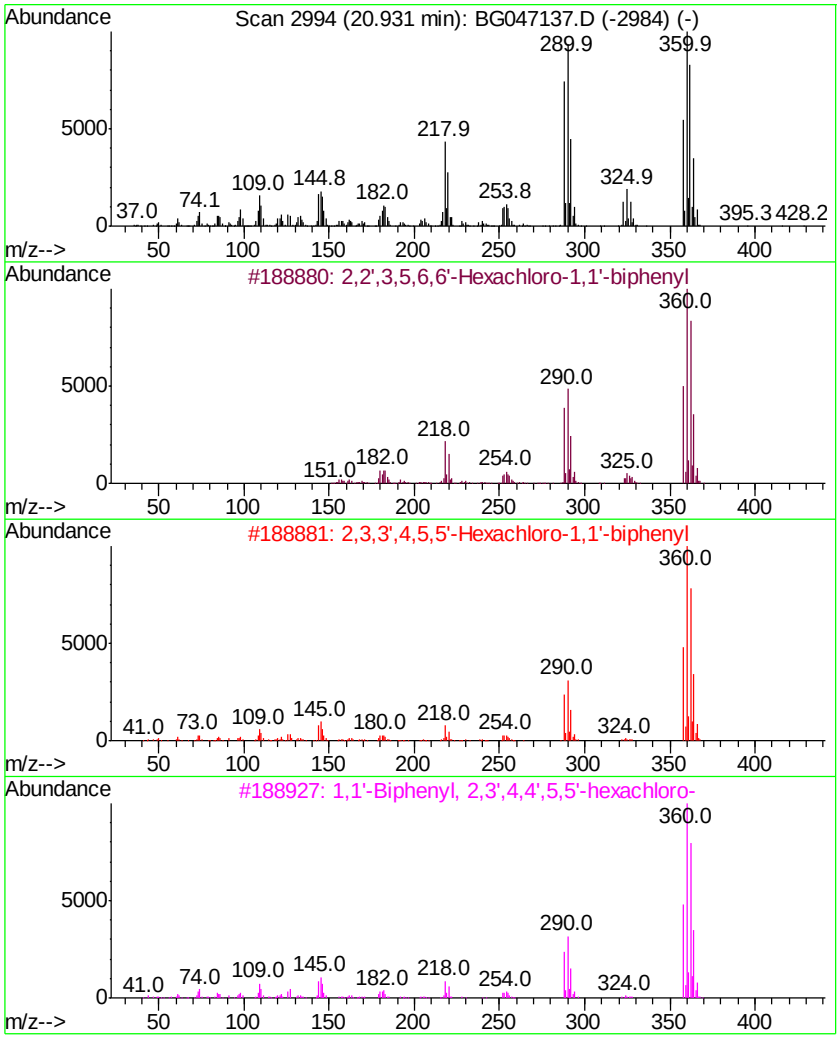
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

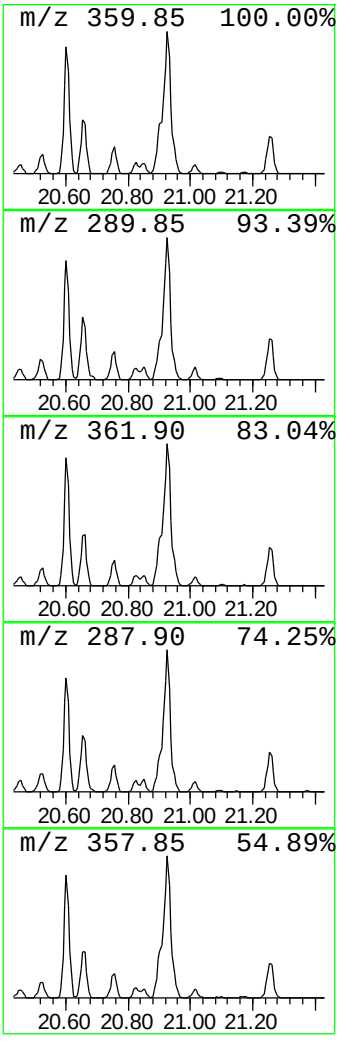
****

Peak Number 29 2,2',3,5,6,6'-Hexachloro-1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	62.05 ng/ul	4477600	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	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 : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

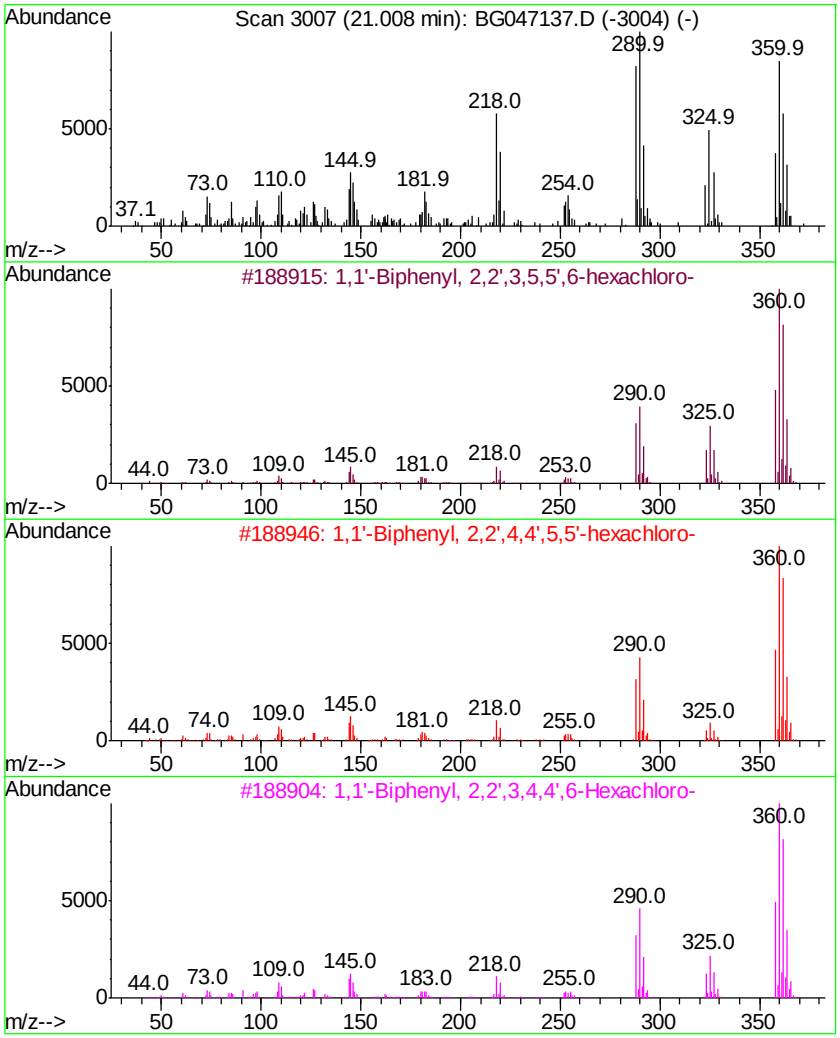
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

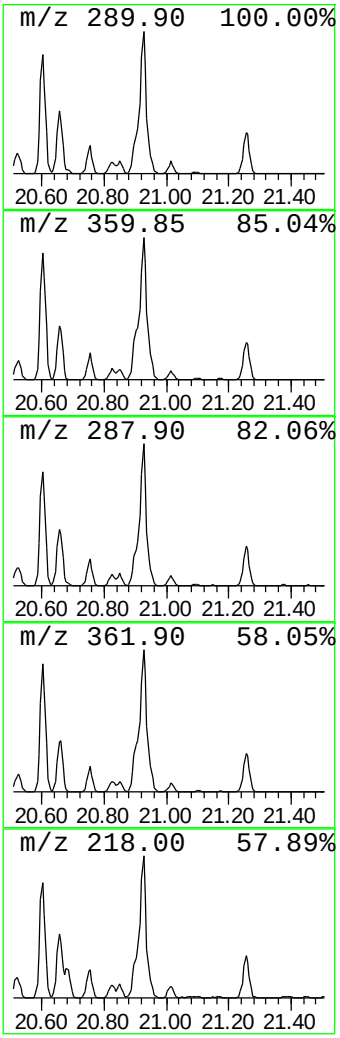
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.39 ng/ul	244412	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	98
4	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	95
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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

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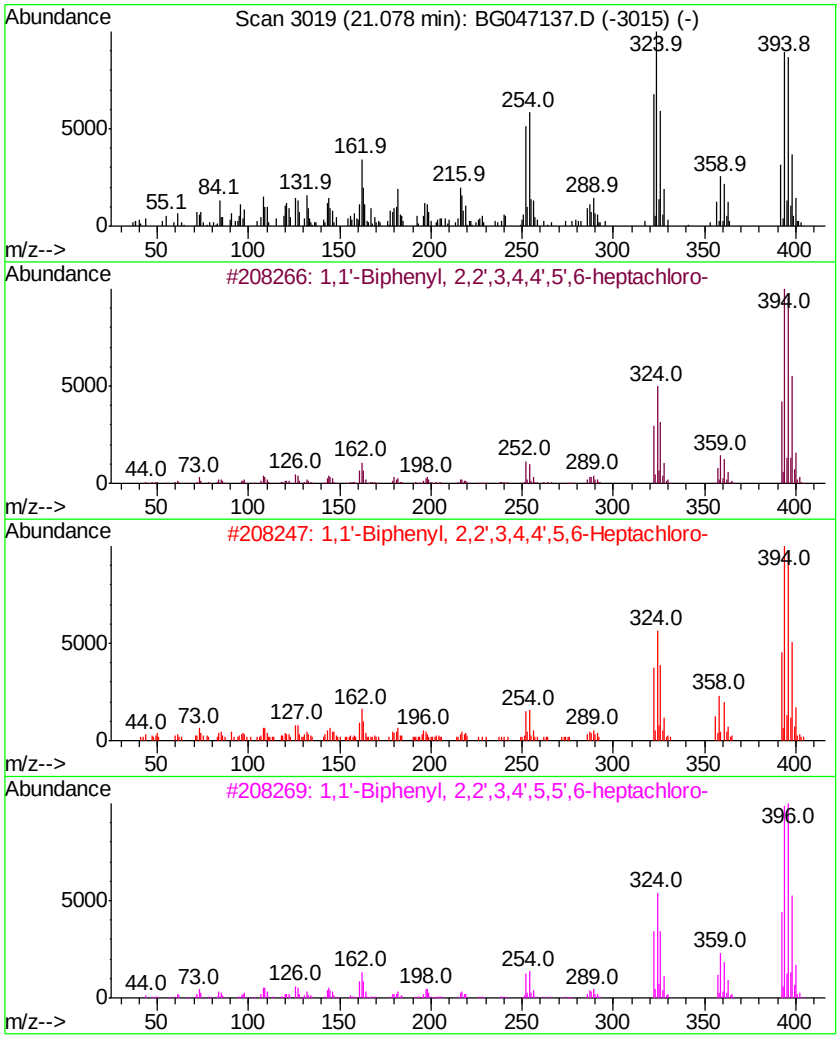
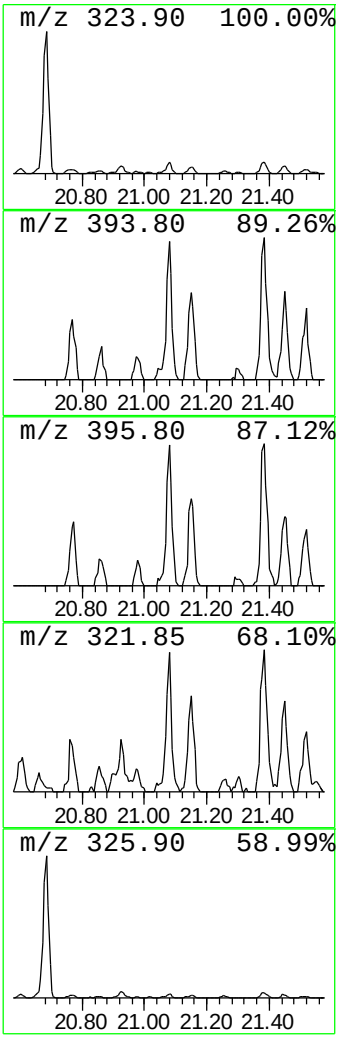
Peak Number 31 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.80 ng/ul	201811	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	97
5	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047137.D
Acq On : 30 Oct 2020 3:25
Operator : CG/JU
Sample : L4506-03
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BF7

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	30.4	ng/ul	499711	1	8.06	328177	20.0
2,2',4,5-Tetrachl...	18.50	58.2	ng/ul	2497730	4	17.44	858145	20.0
1,1'-Biphenyl, 2,...	18.56	10.1	ng/ul	433442	4	17.44	858145	20.0
2,2',4,6'-Tetrach...	18.78	23.1	ng/ul	992759	4	17.44	858145	20.0
2,3',5',6-Tetrach...	18.96	5.7	ng/ul	245362	4	17.44	858145	20.0
3,3',4,5-Tetrachl...	19.26	6.9	ng/ul	296645	4	17.44	858145	20.0
1,1'-Biphenyl, 2,...	19.34	100.3	ng/ul	4301650	4	17.44	858145	20.0
2,3,3',4',5'- Pen...	19.42	10.7	ng/ul	460463	4	17.44	858145	20.0
2,2',3,4,6'-Penta...	19.54	24.0	ng/ul	1031640	4	17.44	858145	20.0
1,1'-Biphenyl, 2,...	19.62	82.2	ng/ul	5934940	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	19.69	21.9	ng/ul	1579160	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	19.81	3.3	ng/ul	239327	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	19.88	19.6	ng/ul	1415030	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	19.96	34.2	ng/ul	2470170	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	20.01	8.0	ng/ul	575123	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	20.07	76.5	ng/ul	5523830	5	21.70	1443310	20.0
2,2',3,3',5,6-Hex...	20.19	7.0	ng/ul	506933	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	20.28	2.2	ng/ul	157176	5	21.70	1443310	20.0
2,2',3,4',5,6'-He...	20.33	32.7	ng/ul	2361400	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	20.38	58.5	ng/ul	4222200	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	20.46	4.0	ng/ul	284736	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	20.52	8.8	ng/ul	633079	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	20.60	36.0	ng/ul	2596720	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	20.66	19.3	ng/ul	1390600	5	21.70	1443310	20.0
2,3,3,',5',6-Pent...	20.68	22.9	ng/ul	1648900	5	21.70	1443310	20.0
2,3,4,4',5,6-Hexa...	20.76	9.5	ng/ul	685043	5	21.70	1443310	20.0
2,3,3',4',5,6-Hex...	20.83	4.1	ng/ul	298834	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	20.85	3.4	ng/ul	244502	5	21.70	1443310	20.0
2,2',3,5,6,6'-Hex...	20.93	62.0	ng/ul	4477600	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	21.01	3.4	ng/ul	244412	5	21.70	1443310	20.0
1,1'-Biphenyl, 2,...	21.08	2.8	ng/ul	201811	5	21.70	1443310	20.0