LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG047007.D
Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

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-BG101520MA.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	3.370	3	5	7	rVV2	6466	5022	0.26%	0.021%
2	3.405	7	11	19	rVB	627967	697225	36.49%	2.870%
3	3.752	62	70	76	rBV3	16910	25933	1.36%	0.107%
4	4.239	147	153	157	rVB2	3116	5203	0.27%	0.021%
5	8.064	797	804	813	rBV	245350	410383	21.48%	1.690%
6	10.738	1254	1259	1264	rVB4	9541	14616	0.76%	0.060%
7	10.879	1275	1283	1292	rBV	303022	552808	28.93%	2.276%
8	14.698	1925	1933	1941	rBV	462233	747795	39.14%	3.079%
9	16.971	2319	2320	2324	rVB2	4319	4460	0.23%	0.018%
10	17.318	2374	2379	2382	rBV6	6368	9507	0.50%	0.039%
11	17.436	2392	2399	2410	rBV	523848	872837	45.68%	3.593%
12	17.612	2425	2429	2434	rVB6	17131	22433	1.17%	0.092%
13	17.853	2466	2470	2471	rVB3	4581	4950	0.26%	0.020%
14	17.888	2471	2476	2478	rBV4	10355	15014	0.79%	0.062%
15	18.041	2493	2502	2506	rBV2	87917	135834	7.11%	0.559%
16	18.152	2517	2521	2528	rVB7	14835	25994	1.36%	0.107%
17	18.241	2530	2536	2539	rBV7	6175	11833	0.62%	0.049%
18	18.288	2539	2544	2548	rBV	24667	32601	1.71%	0.134%
19	18.335	2548	2552	2553	rBV3	11640	11437	0.60%	0.047%
20	18.452	2569	2572	2575	rVB4	6445	7837	0.41%	0.032%
21	18.505	2575	2581	2587	rBV	277353	387888	20.30%	1.597%
22	18.564	2587	2591	2595	rVV	79131	105956	5.55%	0.436%
23	18.605	2595	2598	2605	rVB3	33461	50909	2.66%	0.210%
24	18.658	2605	2607	2608	rBV2	6531	4956	0.26%	0.020%
25	18.740	2619	2621	2624	rBV4	4000	5722	0.30%	0.024%
26	18.787	2624	2629	2634	rVV2	134528	182258	9.54%	0.750%
27	18.834	2634	2637	2641	rVV3	23734	30197	1.58%	0.124%
28	18.887	2641	2646	2649	rVV2	29191	45163	2.36%	0.186%
29	18.928	2649	2653	2655	rVV4	20935	31103	1.63%	0.128%
30	18.957	2655	2658	2666	rVB3	56475	79186	4.14%	0.326%
31	19.028	2668	2670	2672	rBV3	6214	5841	0.31%	0.024%
32	19.057	2672	2675	2680	rVB7	16989	27055	1.42%	0.111%
33	19.210	2697	2701	2705	rBV7	6534	9813	0.51%	0.040%
34	19.263	2705	2710	2714	rBV	59251	80630	4.22%	0.332%

LSC Area Percent Report

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Data File : BG047007.D
Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

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-BG101520MA.M
Title : SVOA CALIBRATION

35	19.345	2714	2724	2730	rVB2	627442	1057285	55.33%	4.353%
36	19.427	2734	2738	2742	rVB4	49681	62102	3.25%	0.256%
37	19.486	2744	2748	2753	rBV3	14448	19372	1.01%	0.080%
38	19.545	2753	2758	2766	rBV4	110114	225151	11.78%	0.927%
39	19.621	2766	2771	2778	rVB	881482	1140375	59.68%	4.695%
40	19.686	2778	2782	2787	rVB	147538	184997	9.68%	0.762%
41	19.751	2791	2793	2794	rBV2	6430	6395	0.33%	0.026%
42	19.815	2799	2804	2808	rBV8	26588	37950	1.99%	0.156%
43	19.850	2808	2810	2811	rBV2	7254	6087	0.32%	0.025%
44	19.886	2811	2816	2821	rVV	121992	168451	8.82%	0.693%
45	19.962	2823	2829	2834	rVV	273817	346051	18.11%	1.425%
46	20.009	2834	2837	2840	rVV2	60934	77298	4.05%	0.318%
47	20.068	2840	2847	2853	rVB2	664087	1017929	53.27%	4.191%
48	20.191	2863	2868	2872	rBV	323641	443372	23.20%	1.825%
49	20.232	2872	2875	2881	rVV2	153327	290703	15.21%	1.197%
50	20.279	2881	2883	2886	rVV4	30752	36214	1.90%	0.149%
51	20.326	2886	2891	2896	rVV	998971	1335416	69.89%	5.498%
52	20.379	2896	2900	2905	rVB	437813	533754	27.93%	2.197%
53	20.456	2908	2913	2918	rBV5	72610	95468	5.00%	0.393%
54	20.526	2919	2925	2930	rVB2	171056	232813	12.18%	0.958%
55	20.603	2933	2938	2943	rBV	1297869	1650823	86.40%	6.796%
56	20.661	2943	2948	2951	rVV	430955	600994	31.45%	2.474%
57	20.685	2951	2952	2958	rVB	167937	129973	6.80%	0.535%
58	20.755	2959	2964	2972	rVV3	342915	577162	30.21%	2.376%
59	20.855	2973	2981	2985	rVV6	95402	174344	9.12%	0.718%
60	20.926	2985	2993	3000	rVV	978067	1910751	100.00%	7.866%
61	20.979	3000	3002	3005	rVV4	60118	68013	3.56%	0.280%
62	21.014	3005	3008	3012	rVV3	51410	68754	3.60%	0.283%
63	21.084	3015	3020	3026	rVB	372252	503763	26.36%	2.074%
64	21.155	3026	3032	3038	rBV	216202	309619	16.20%	1.275%
65	21.261	3045	3050	3054	rBV2	161086	225440	11.80%	0.928%
66	21.302	3054	3057	3061	rVB6	39218	50456	2.64%	0.208%
67	21.349	3063	3065	3066	rBV2	7394	5211	0.27%	0.021%
68	21.390	3066	3072	3077	rVB	333243	478028	25.02%	1.968%
69	21.454	3077	3083	3089	rBV3	192868	294406	15.41%	1.212%
70	21.519	3089	3094	3097	rBV2	115977	182896	9.57%	0.753%
71	21.554	3097	3100	3106	rVV2	113733	165013	8.64%	0.679%

LSC Area Percent Report

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Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

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-BG101520MA.M
Title : SVOA CALIBRATION

72	21.607	3108	3109	3110	rVV	17862	11031	0.58%	0.045%
73	21.637	3111	3114	3119	rVB5	52644	80055	4.19%	0.330%
74	21.707	3119	3126	3128	rBV	607571	960834	50.29%	3.956%
75	21.736	3128	3131	3138	rVB	833038	1260295	65.96%	5.188%
76	21.807	3140	3143	3146	rVB5	16188	19464	1.02%	0.080%
77	22.148	3195	3201	3209	rBV3	346257	660144	34.55%	2.718%
78	22.230	3210	3215	3220	rVB7	85301	144216	7.55%	0.594%
79	22.324	3225	3231	3239	rBV4	117150	199174	10.42%	0.820%
80	22.489	3257	3259	3261	rBV3	13394	13801	0.72%	0.057%
81	22.553	3268	3270	3271	rBV2	6751	5344	0.28%	0.022%
82	22.583	3271	3275	3280	rVB8	14956	24045	1.26%	0.099%
83	22.812	3310	3314	3317	rBV6	35266	51677	2.70%	0.213%
84	23.135	3363	3369	3375	rBV4	91083	169551	8.87%	0.698%
85	24.945	3667	3677	3690	rVB2	338757	1003755	52.53%	4.132%
86	25.650	3795	3797	3801	rBV4	6956	10858	0.57%	0.045%
87	25.820	3824	3826	3828	rVB3	7130	4983	0.26%	0.021%
88	26.108	3867	3875	3887	rVB5	75190	220473	11.54%	0.908%
89	26.795	3990	3992	3993	rBV2	6721	5047	0.26%	0.021%
90	27.447	4102	4103	4106	rBV3	8988	11326	0.59%	0.047%
91	28.916	4352	4353	4356	rVB3	6114	4266	0.22%	0.018%
92	29.345	4424	4426	4428	rBV3	5797	5328	0.28%	0.022%
93	30.285	4584	4586	4589	rVB3	6224	5901	0.31%	0.024%
94	30.556	4630	4632	4635	rBV4	5337	5162	0.27%	0.021%
95	30.832	4677	4679	4682	rBV4	5649	4944	0.26%	0.020%
96	31.102	4723	4725	4727	rBV3	6173	5790	0.30%	0.024%
97	31.631	4811	4815	4817	rBV5	6157	9897	0.52%	0.041%
98	31.731	4831	4832	4835	rVB3	6742	4699	0.25%	0.019%
99	32.019	4879	4881	4883	rBV3	6330	5689	0.30%	0.023%
100	32.465	4955	4957	4962	rBV5	5336	9187	0.48%	0.038%

Sum of corrected areas: 24290164

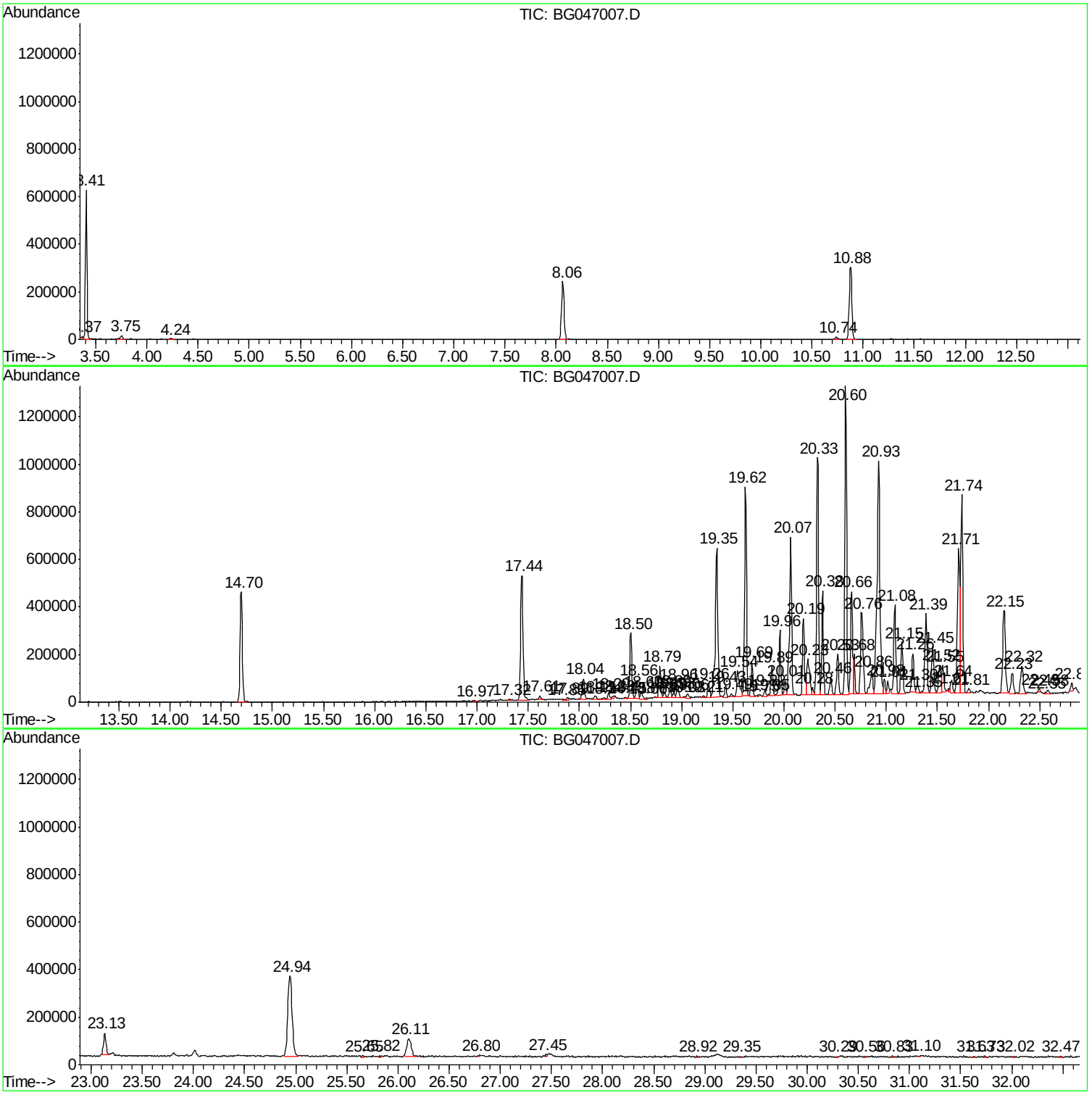
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG047007.D
Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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\BG102020\
Data File : BG047007.D
Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

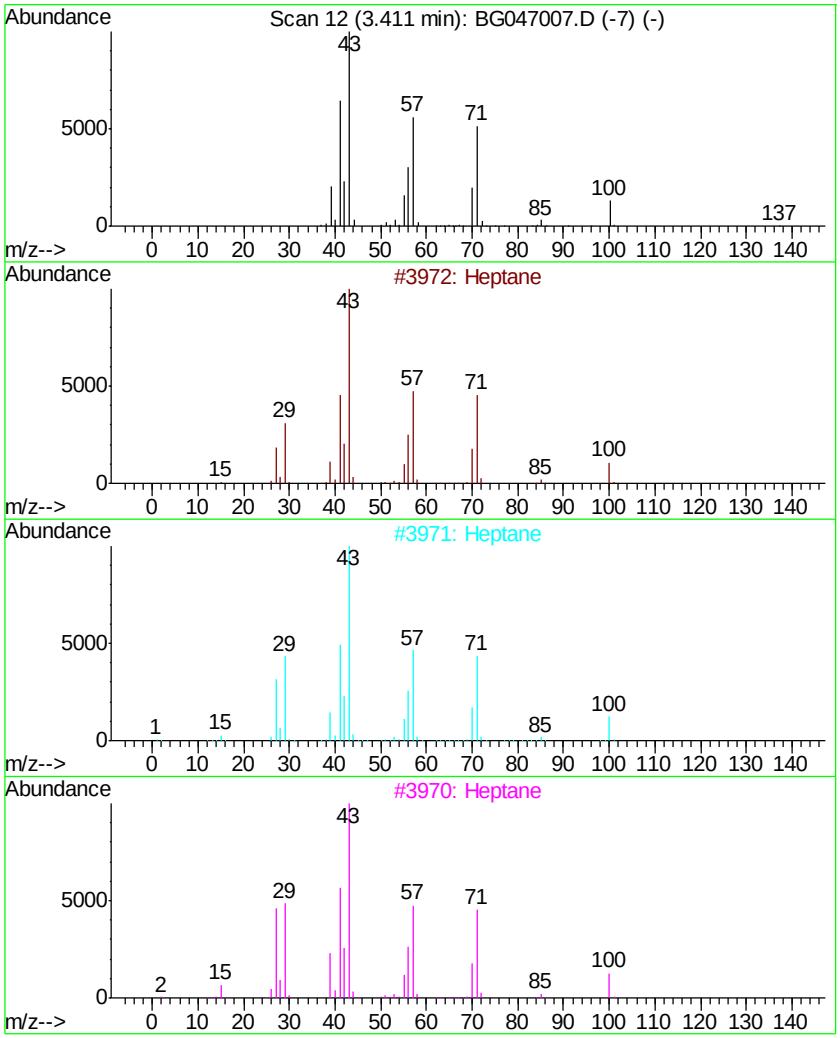
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

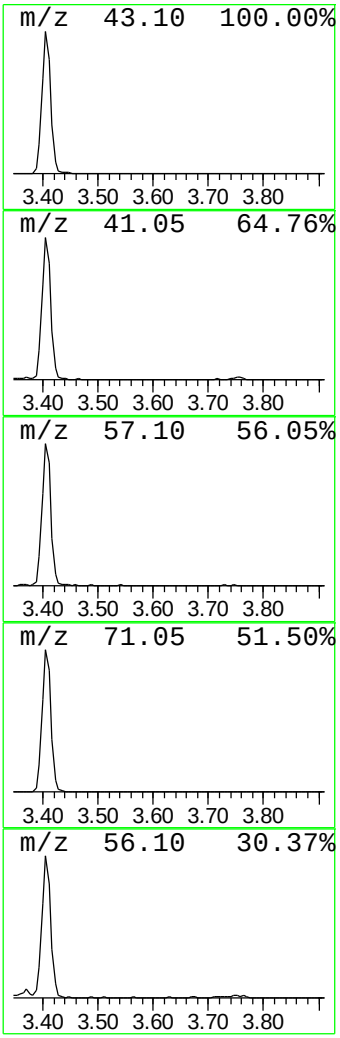
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.41	33.98 ng/ul	697225	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	80
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG047007.D
Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

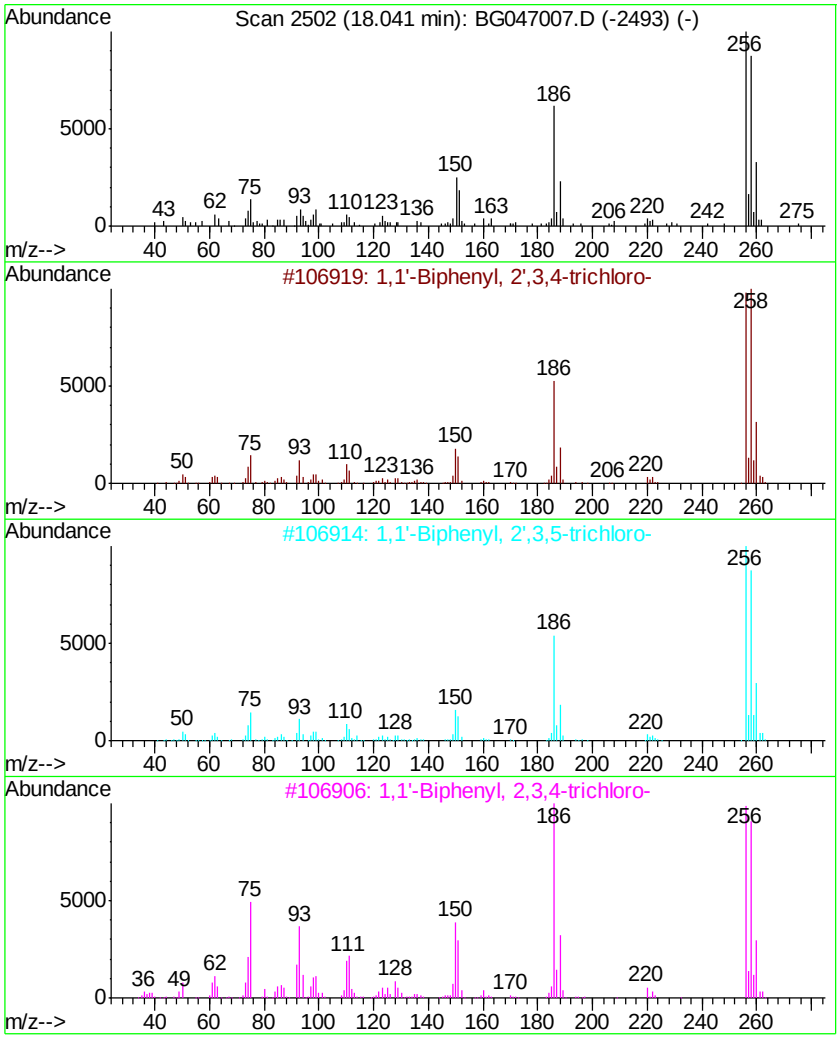
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

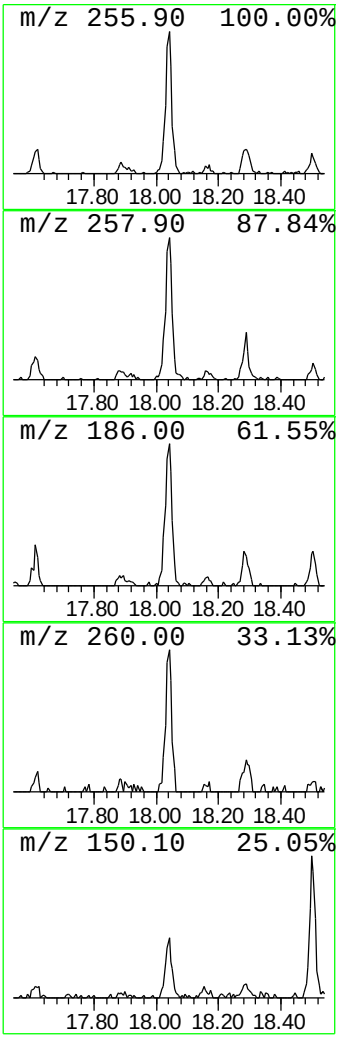
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.11 ng/ul	135834	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
2	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	94
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	94
4	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	94
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	94





Library Search Compound Report

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Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

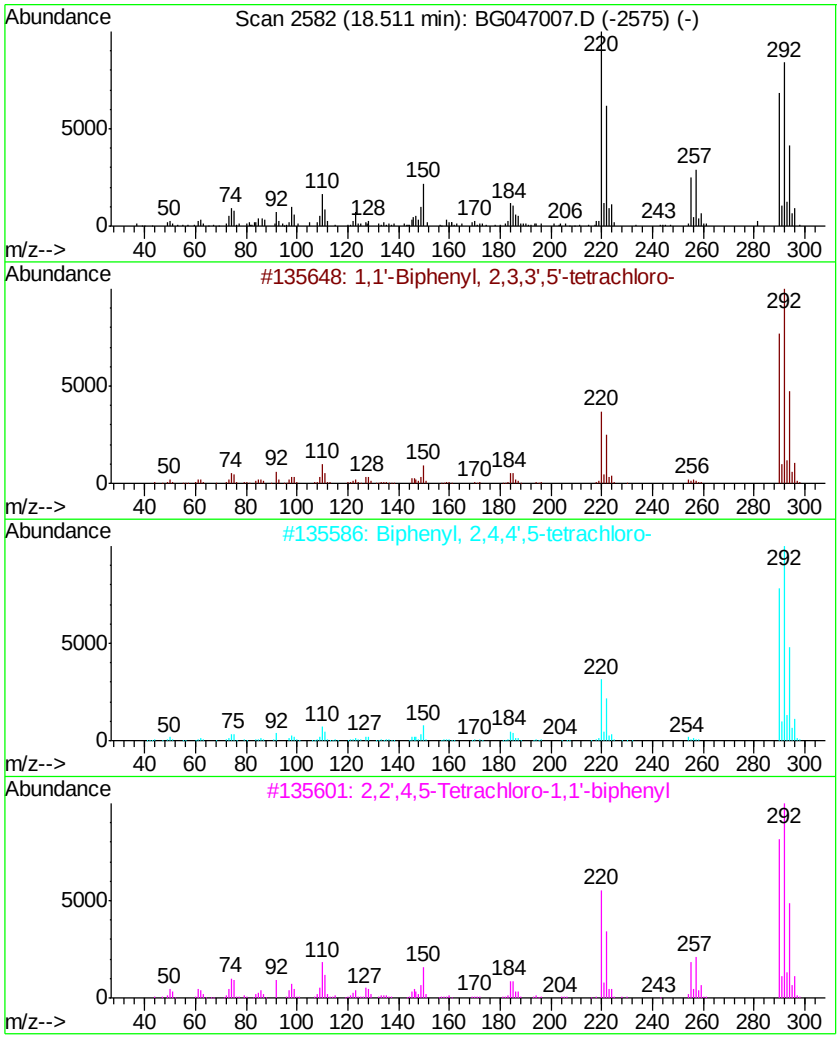
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

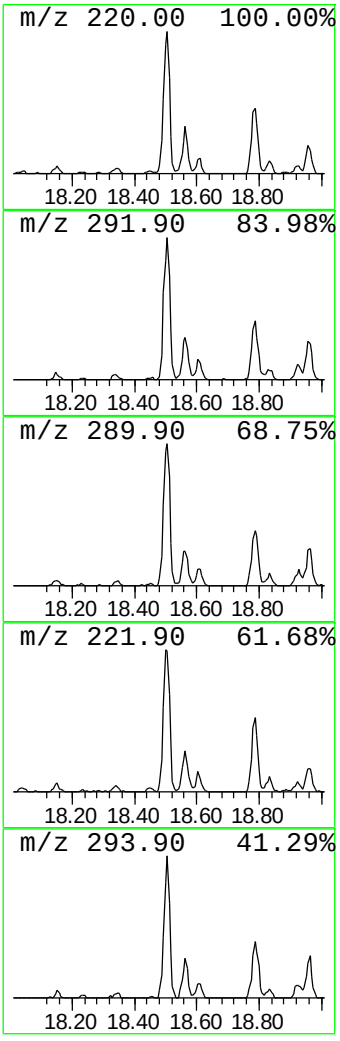
****

Peak Number 3 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	8.89 ng/ul	387888	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	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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Instrument :
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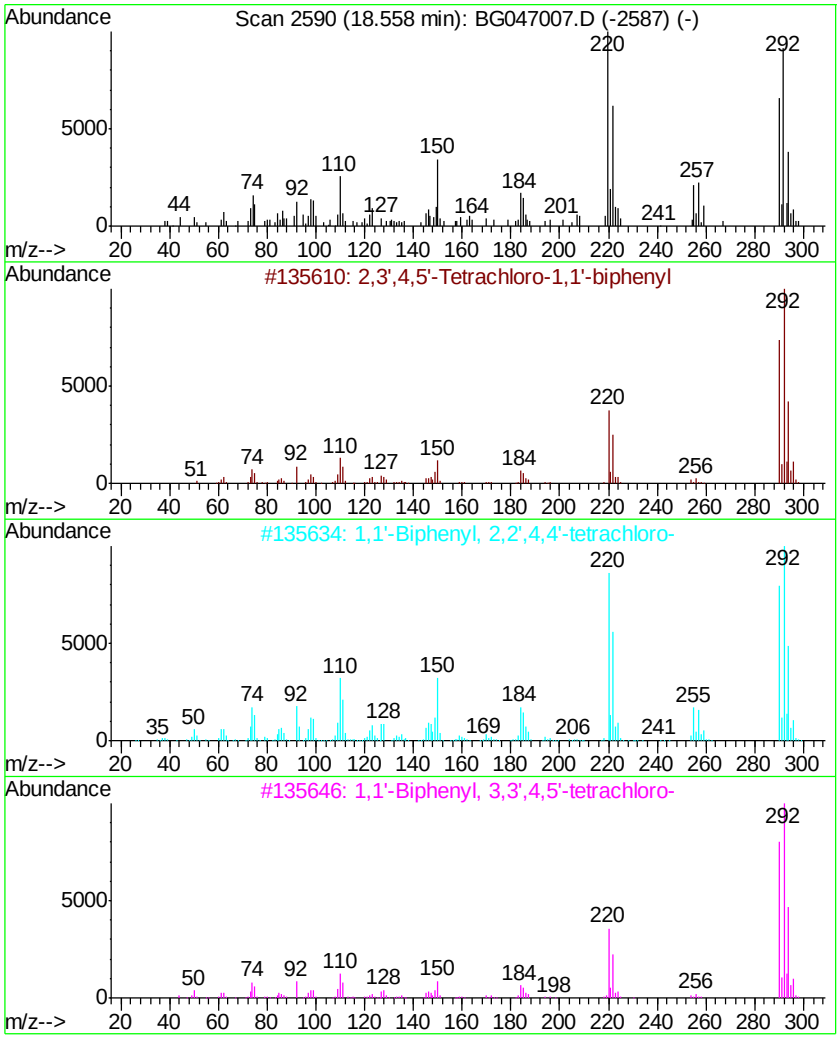
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

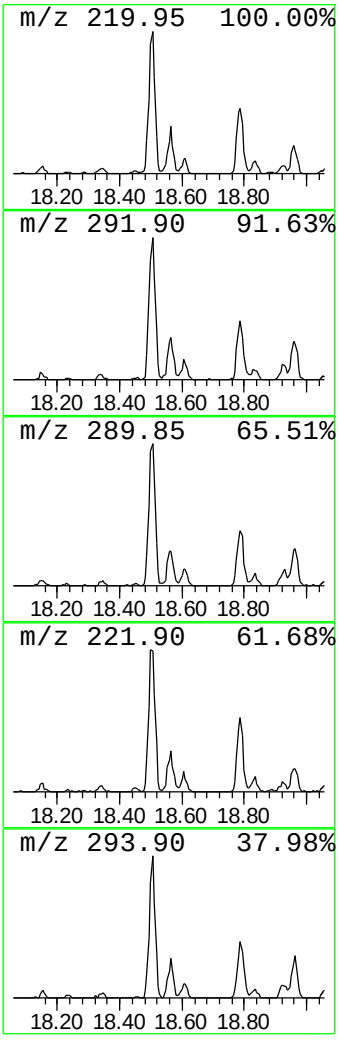
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.43 ng/ul	105956	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	98
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	97
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	97
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96





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Data File : BG047007.D
Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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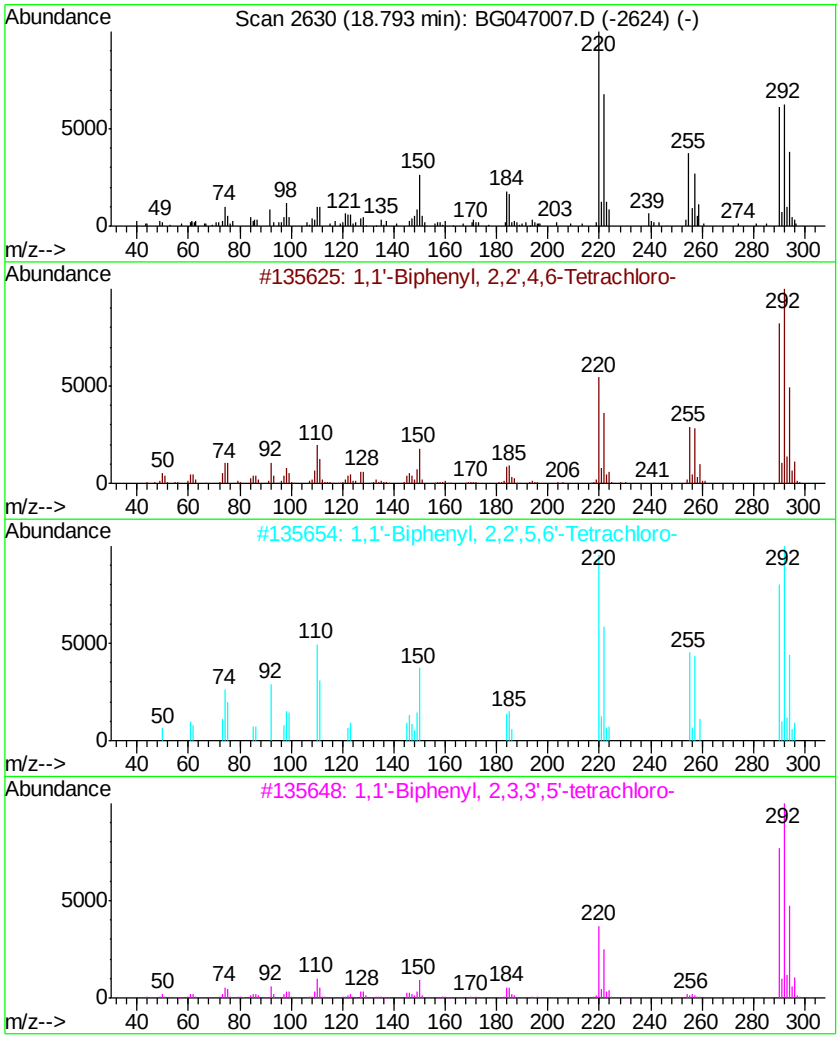
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

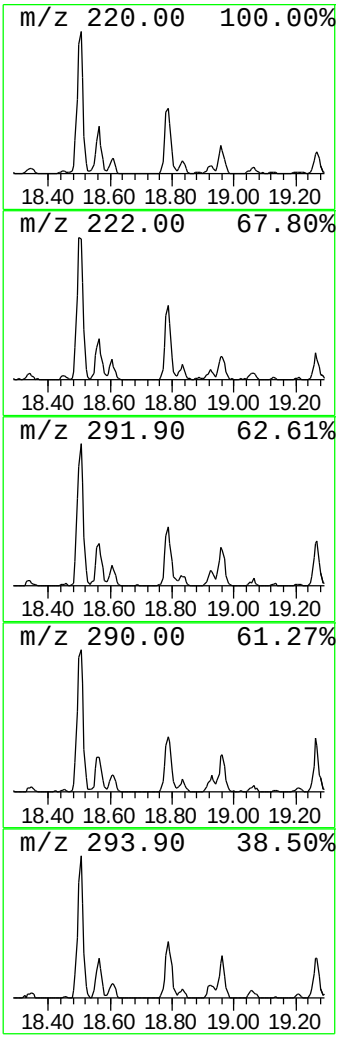
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	4.18 ng/ul	182258	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	98





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Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

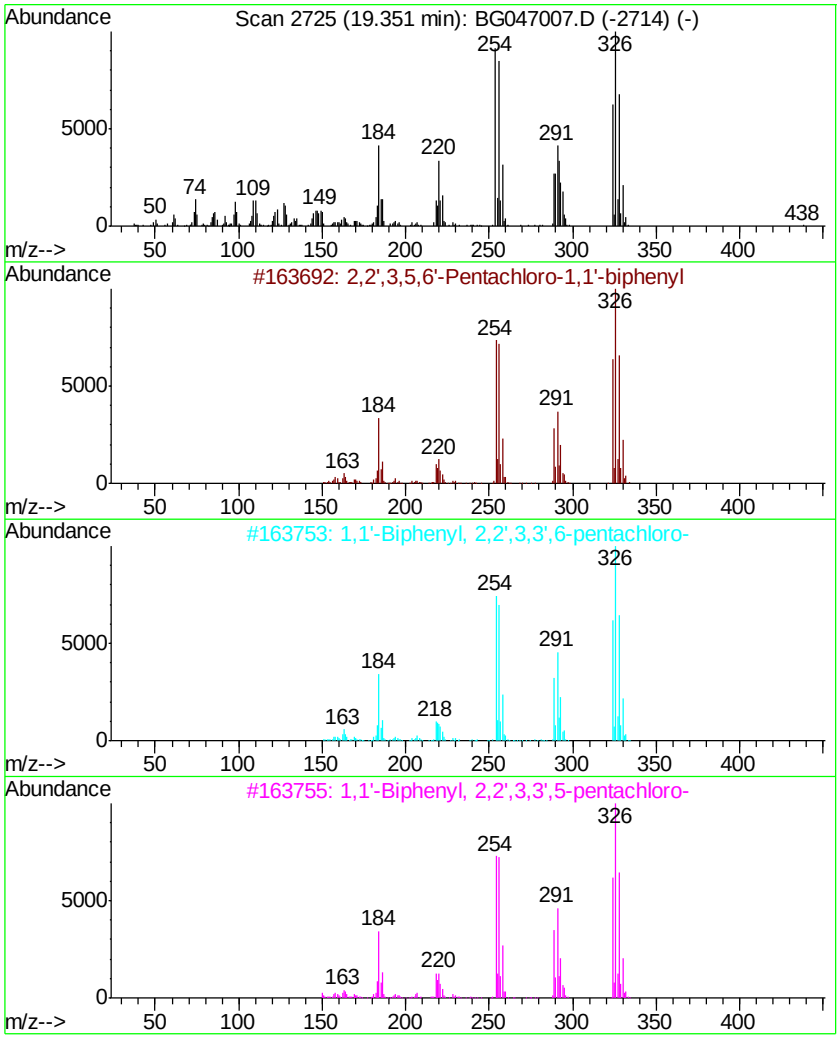
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

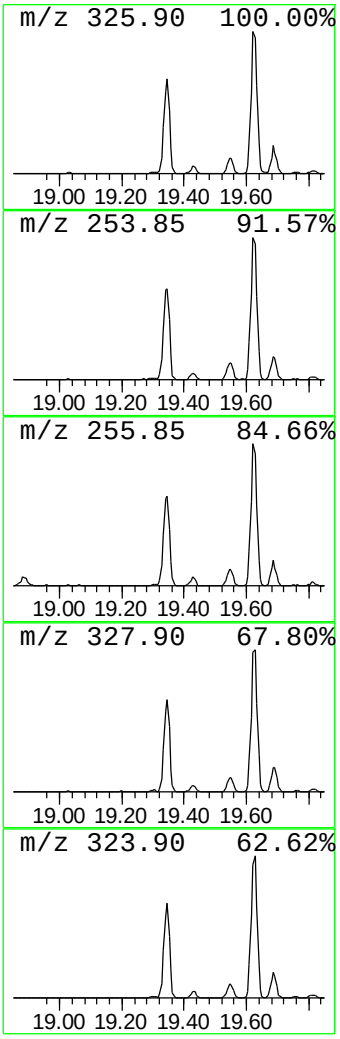
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	24.23 ng/ul	1057290	Phenanthrene-d10	17.44

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	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
4	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
5	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99





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Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

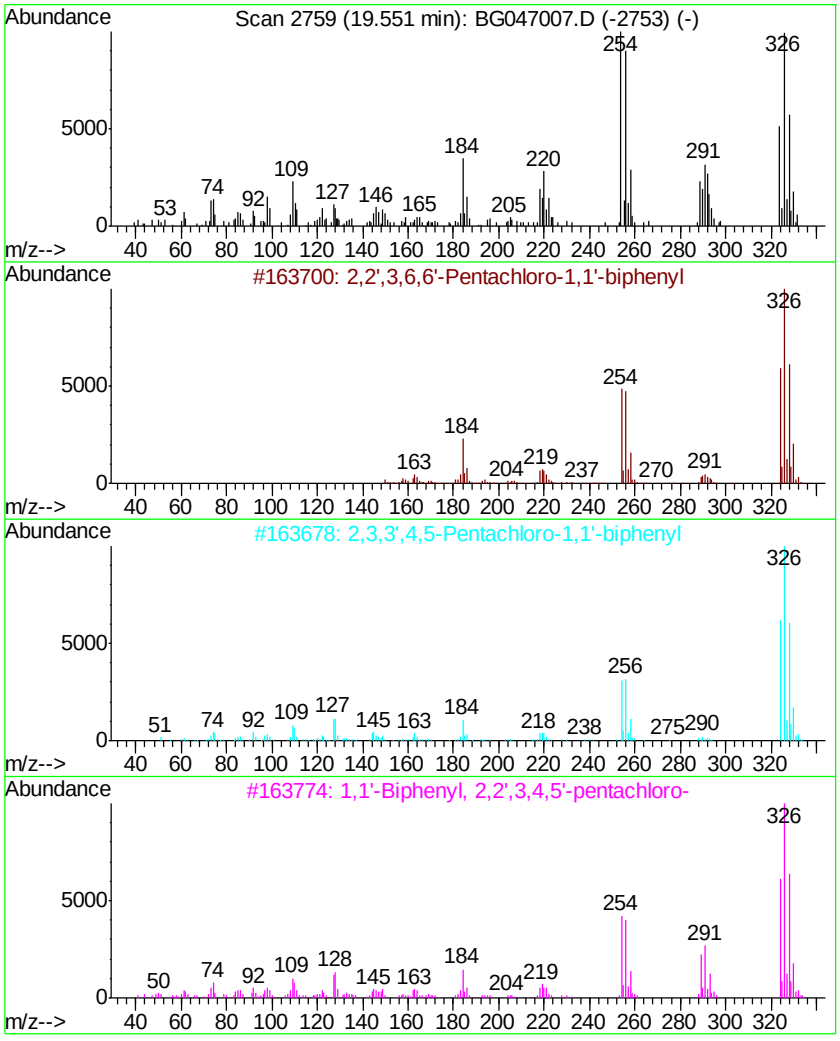
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

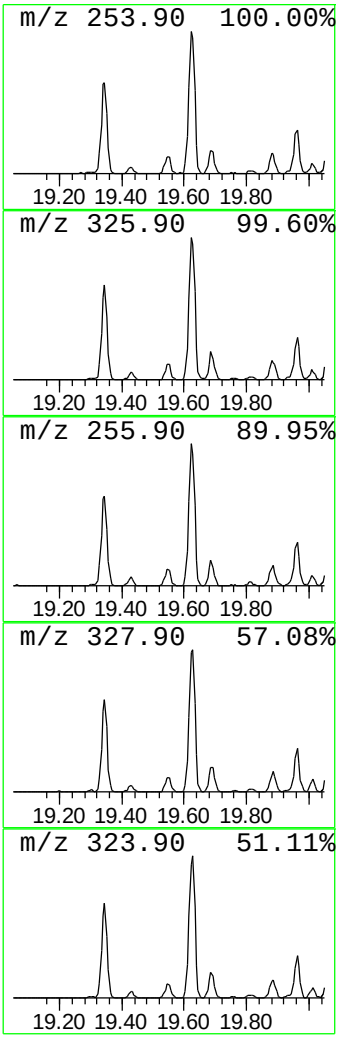
****

Peak Number 7 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	5.16 ng/ul	225151	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
4	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	99
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99





Library Search Compound Report

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Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AB7

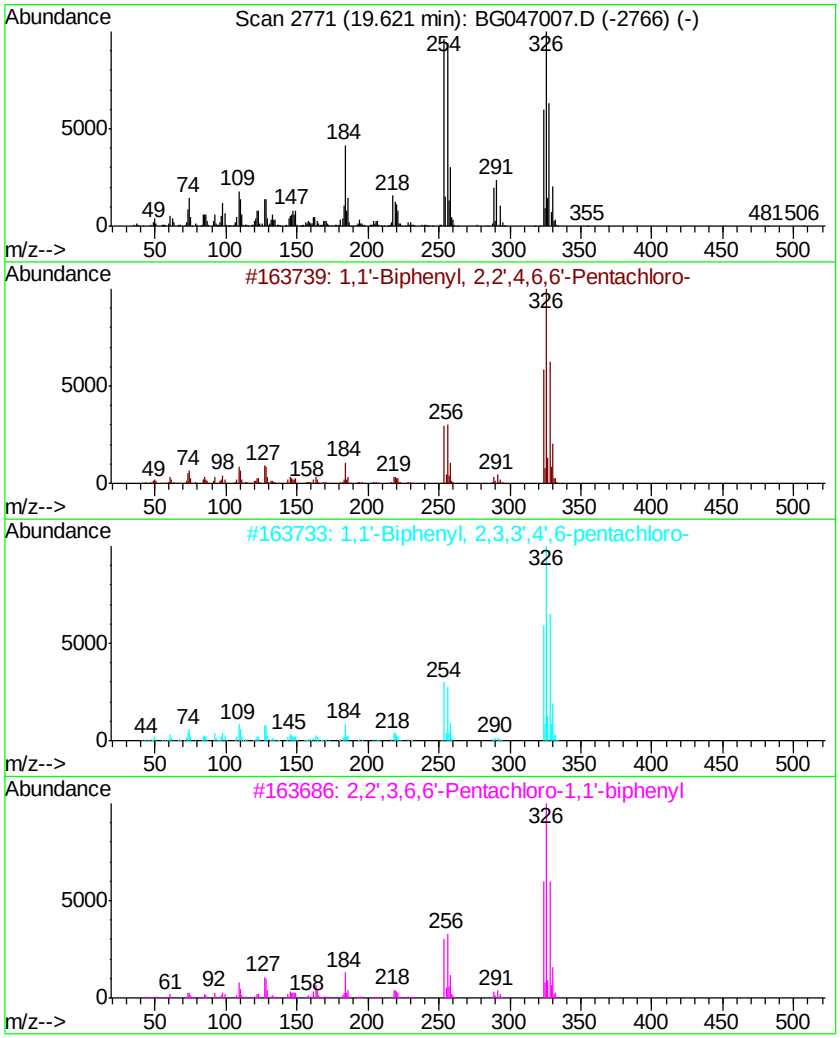
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

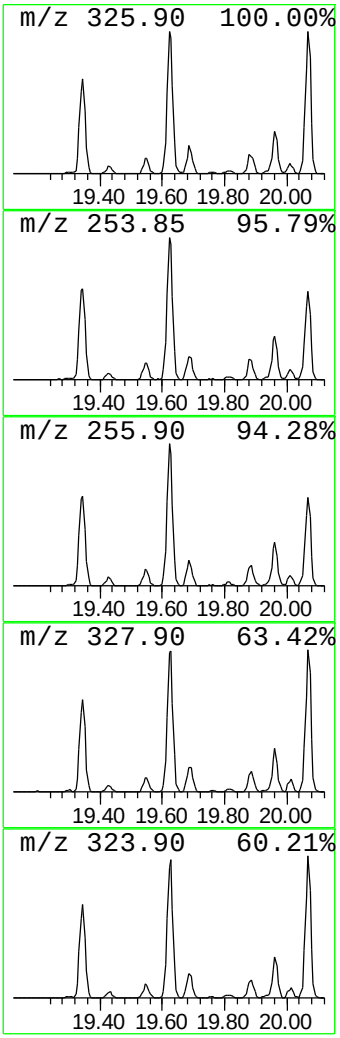
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	23.74 ng/ul	1140380	Chrysene-d12	21.71

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	98
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	97
4	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95





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Data File : BG047007.D
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Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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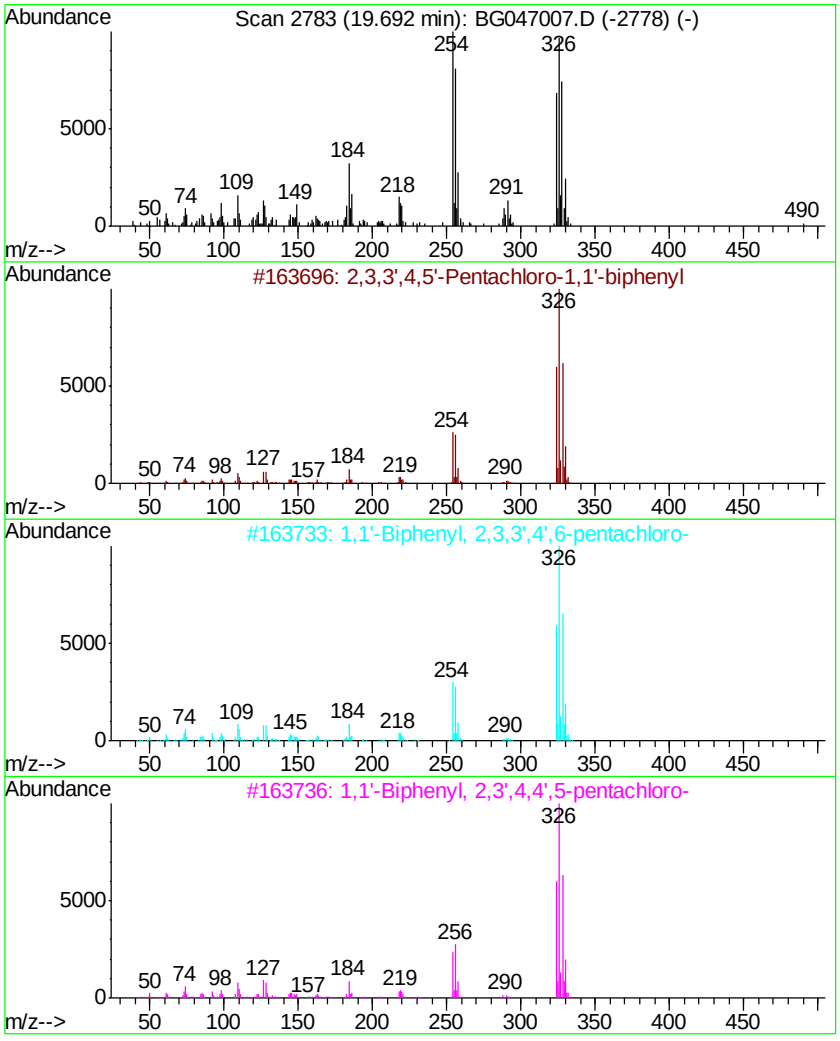
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

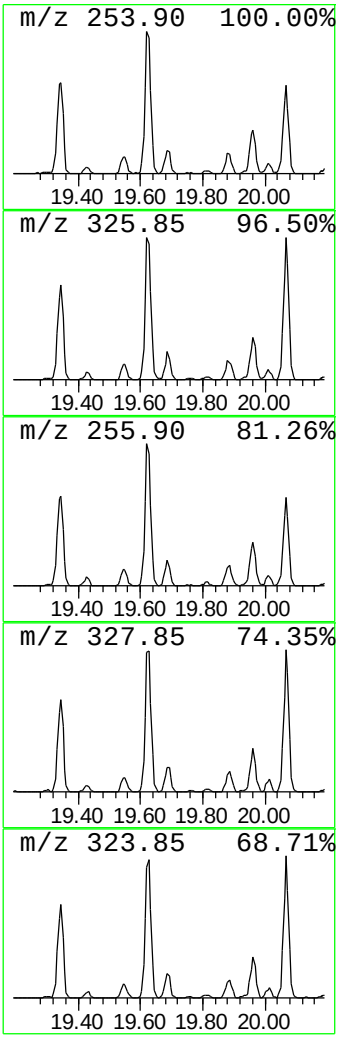
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,3,3',4,5'-Pentachloro-1,1... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.85 ng/ul	184997	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99





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Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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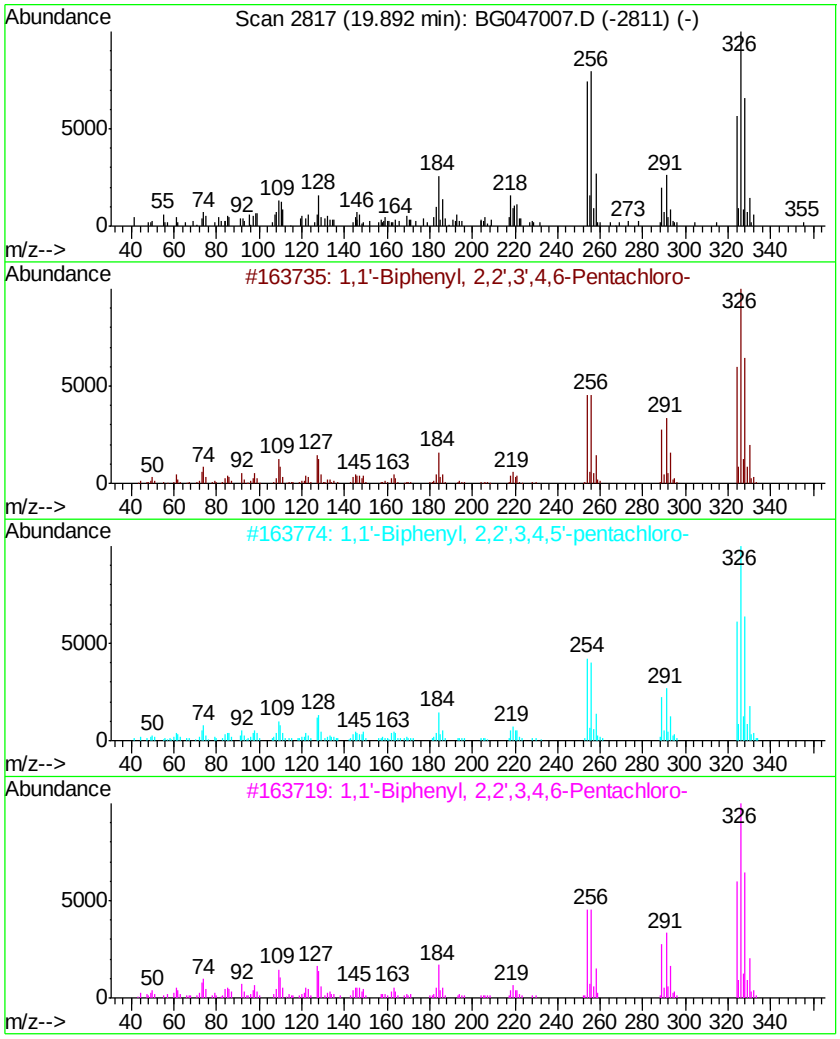
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

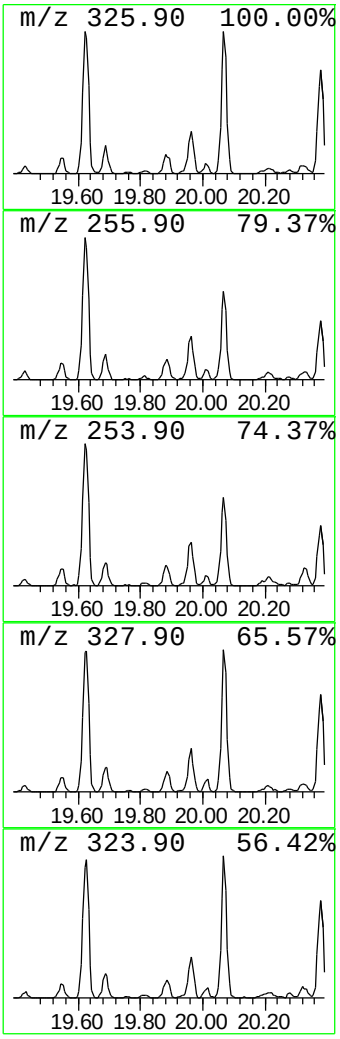
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,2',3',4,6-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.51 ng/ul	168451	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
2	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	97
3	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	97
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	97
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96





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Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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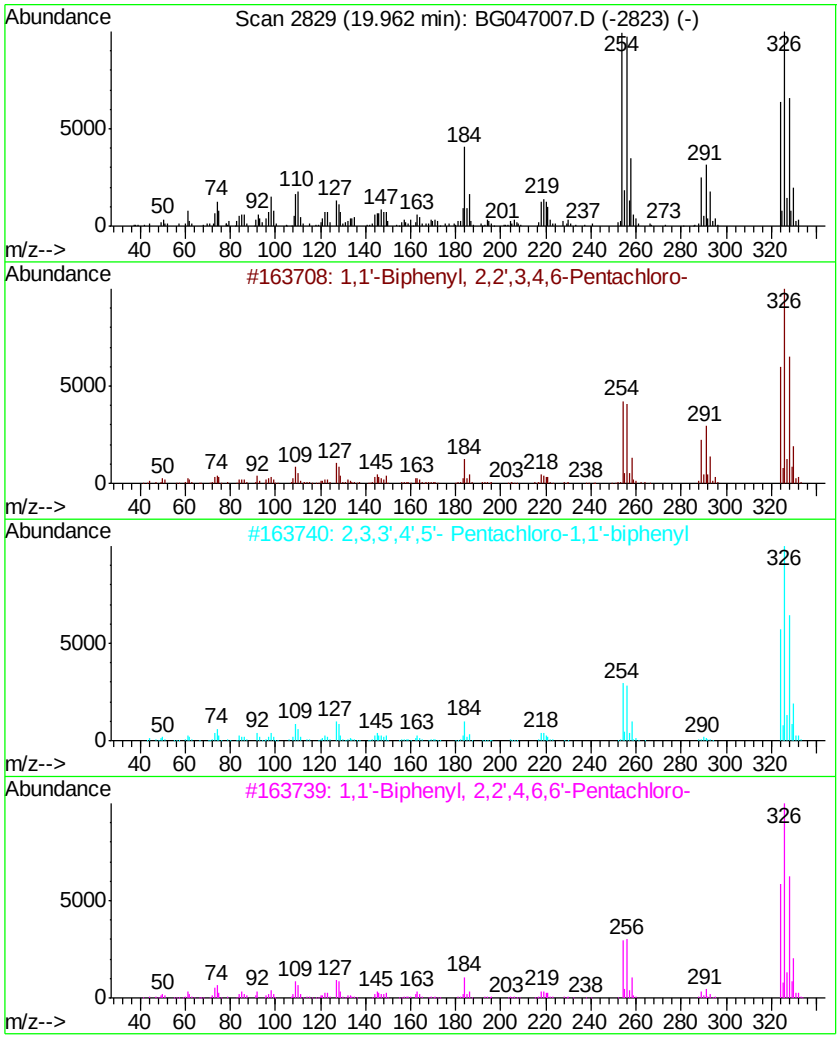
Quant Title : SVOA CALIBRATION

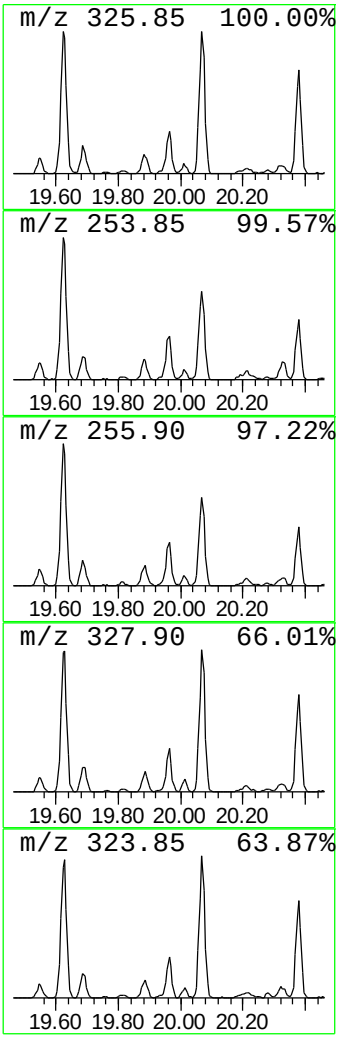
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	7.20 ng/ul	346051	Chrysene-d12	21.71

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',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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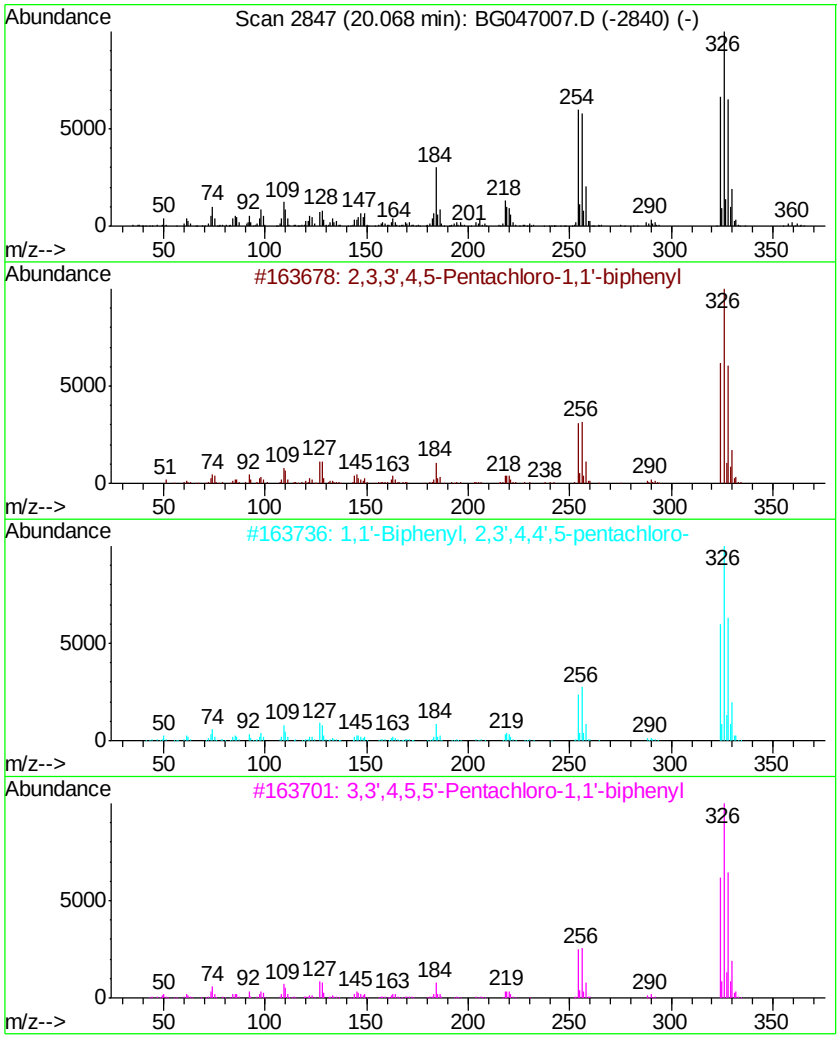
Quant Title : SVOA CALIBRATION

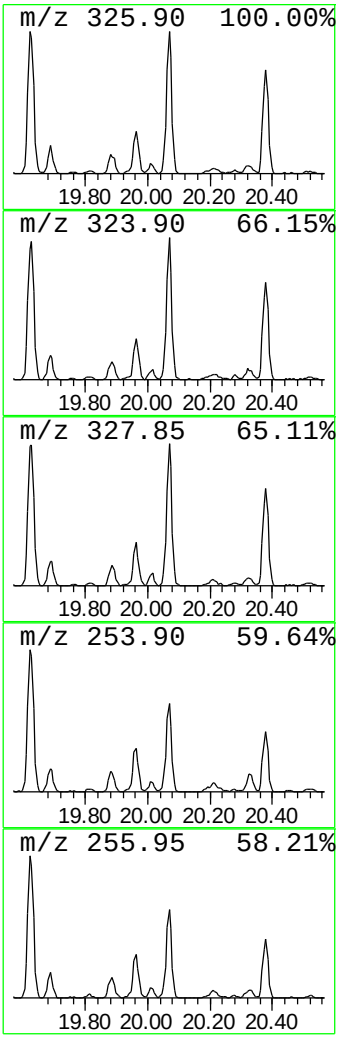
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	21.19 ng/ul	1017930	Chrysene-d12	21.71

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	97
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	96
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

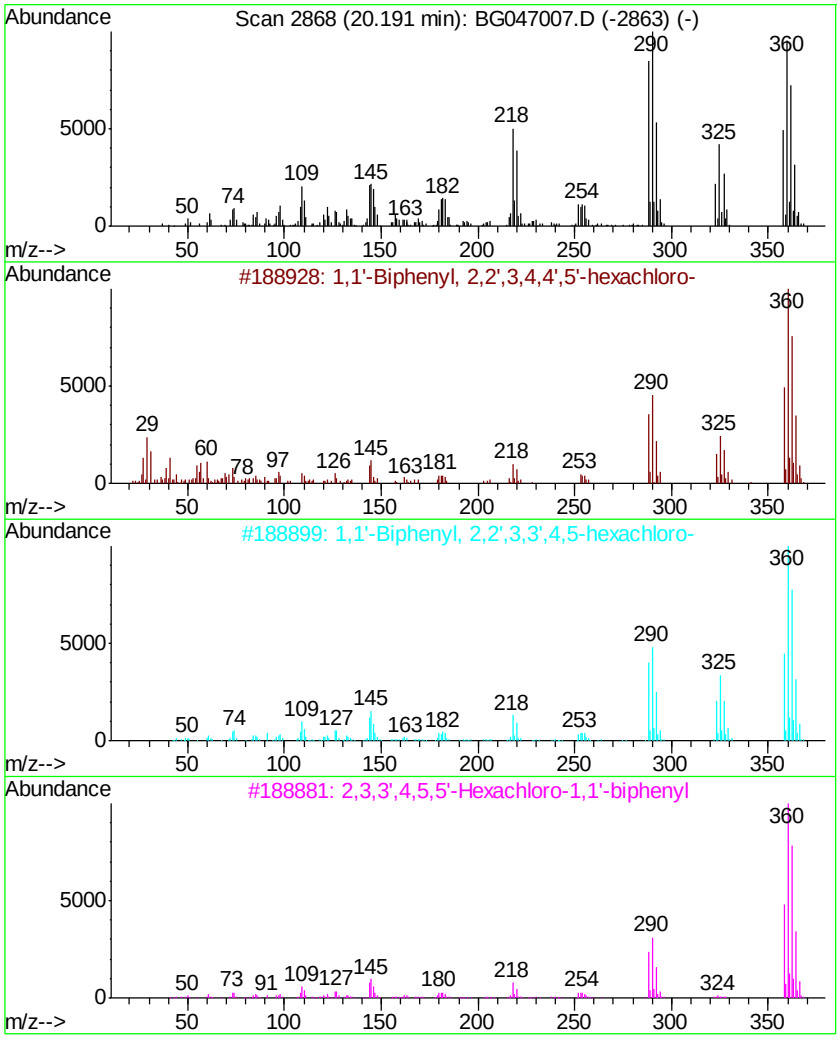
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

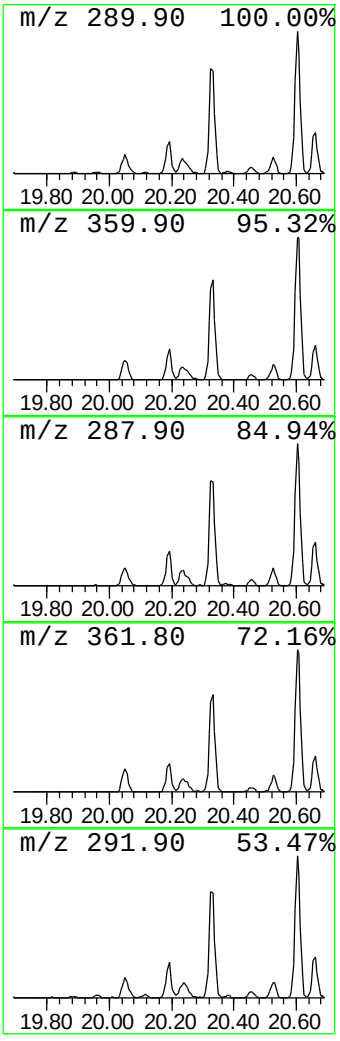
****

Peak Number 13 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	9.23 ng/ul	443372	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





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Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

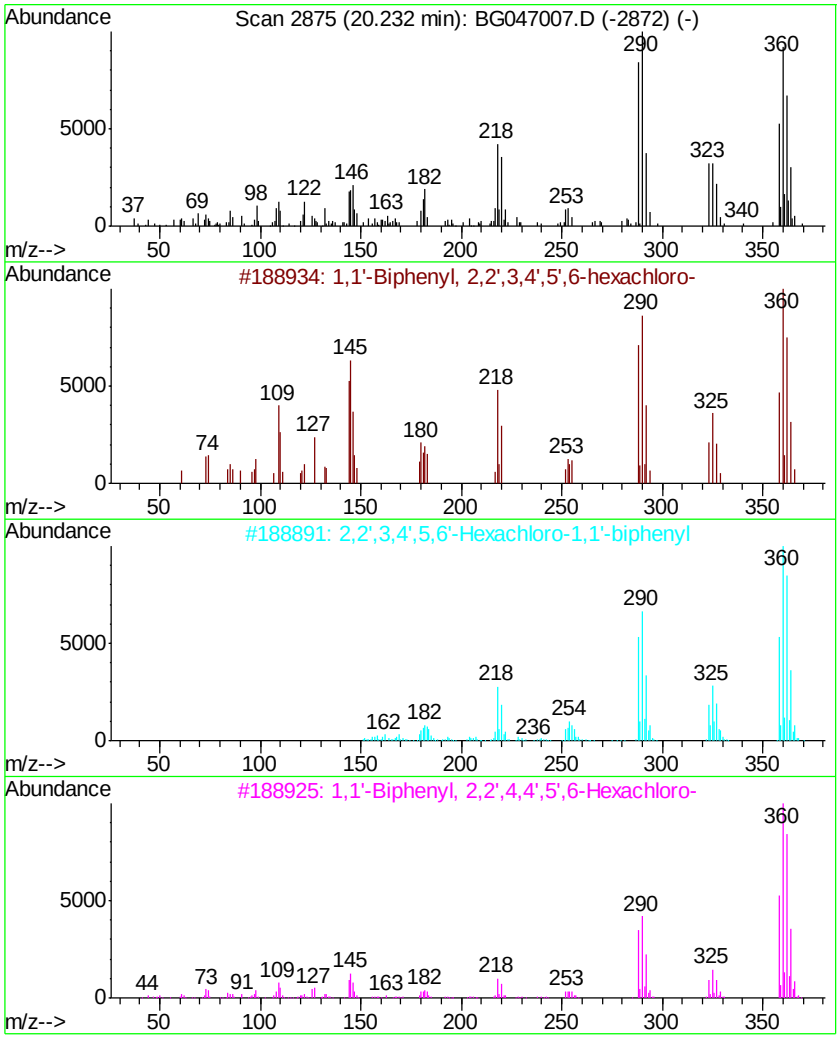
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

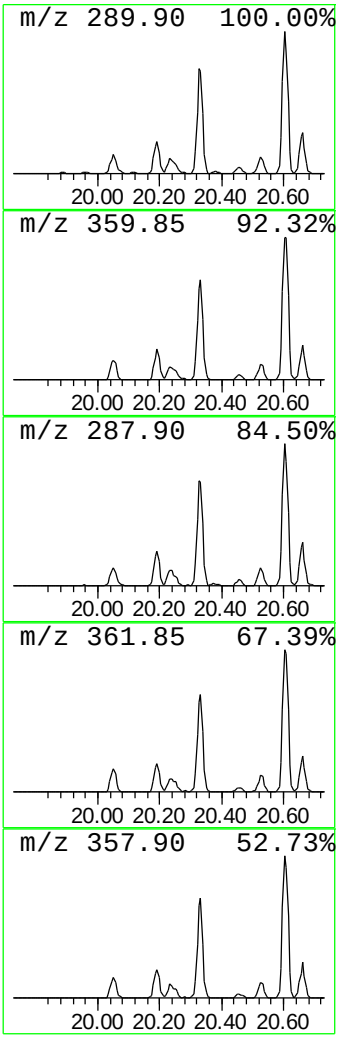
****

Peak Number 14 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	6.05 ng/ul	290703	Chrysene-d12	21.71

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	96
2	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	96
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	96
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	95
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	95





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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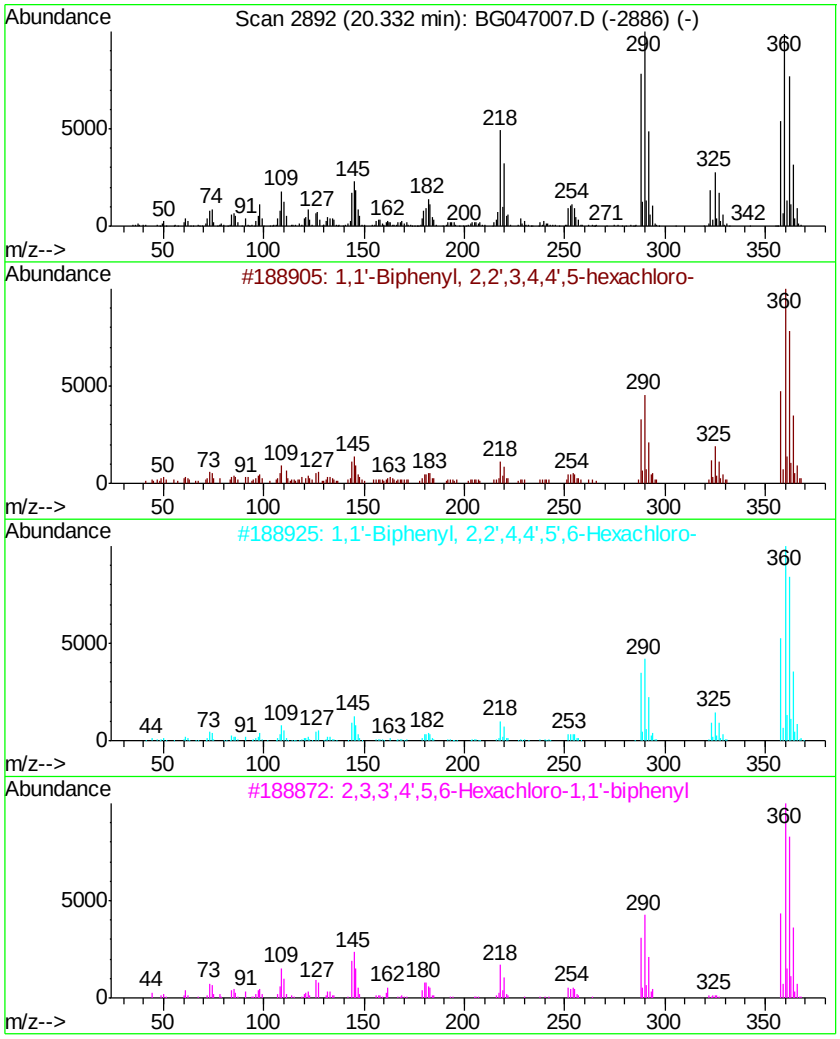
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

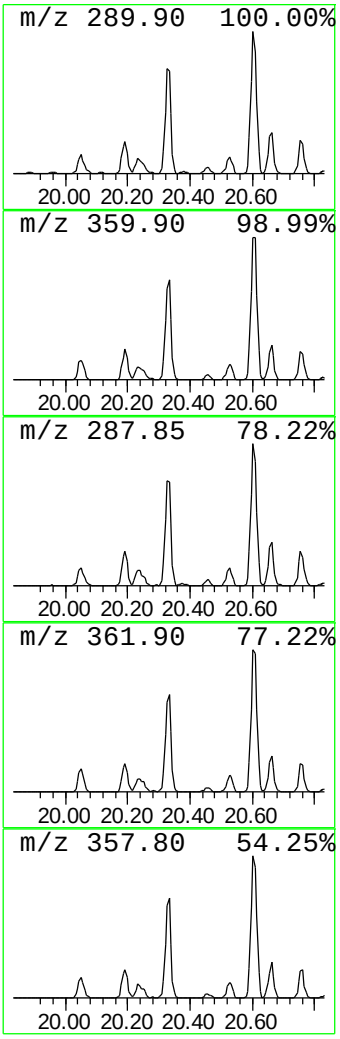
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	27.80 ng/ul	1335420	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
4	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





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Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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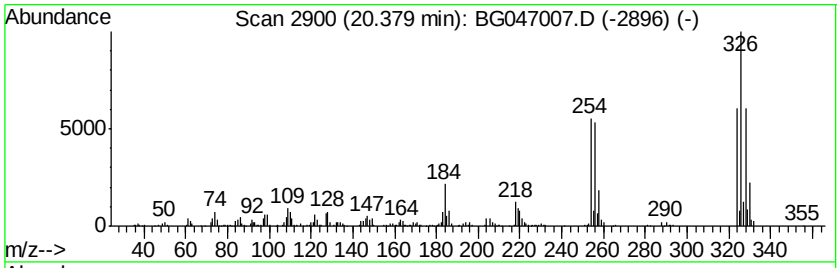
Quant Title : SVOA CALIBRATION

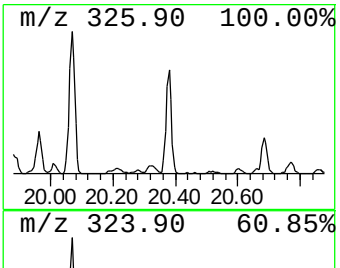
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	11.11 ng/ul	533754	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	98
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	97
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97
5	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97





Library Search Compound Report

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Operator : CG/JU
Sample : L4402-06
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

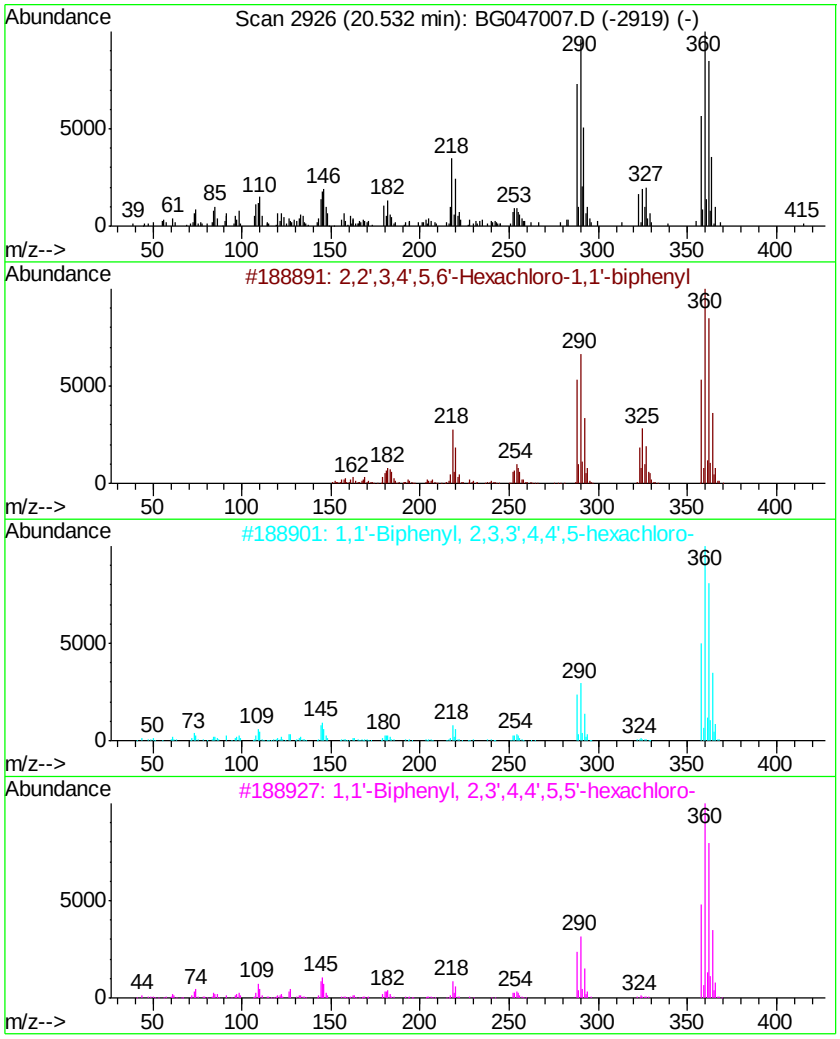
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

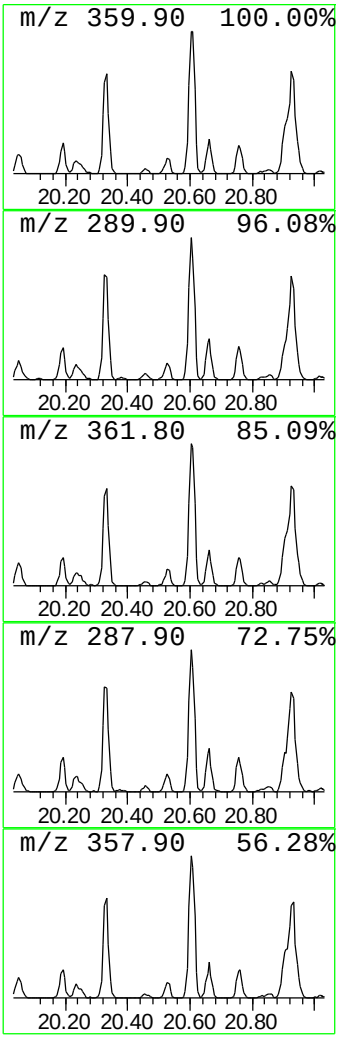
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	4.85 ng/ul	232813	Chrysene-d12	21.71

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, 2,3,3',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	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





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Operator : CG/JU
Sample : L4402-06
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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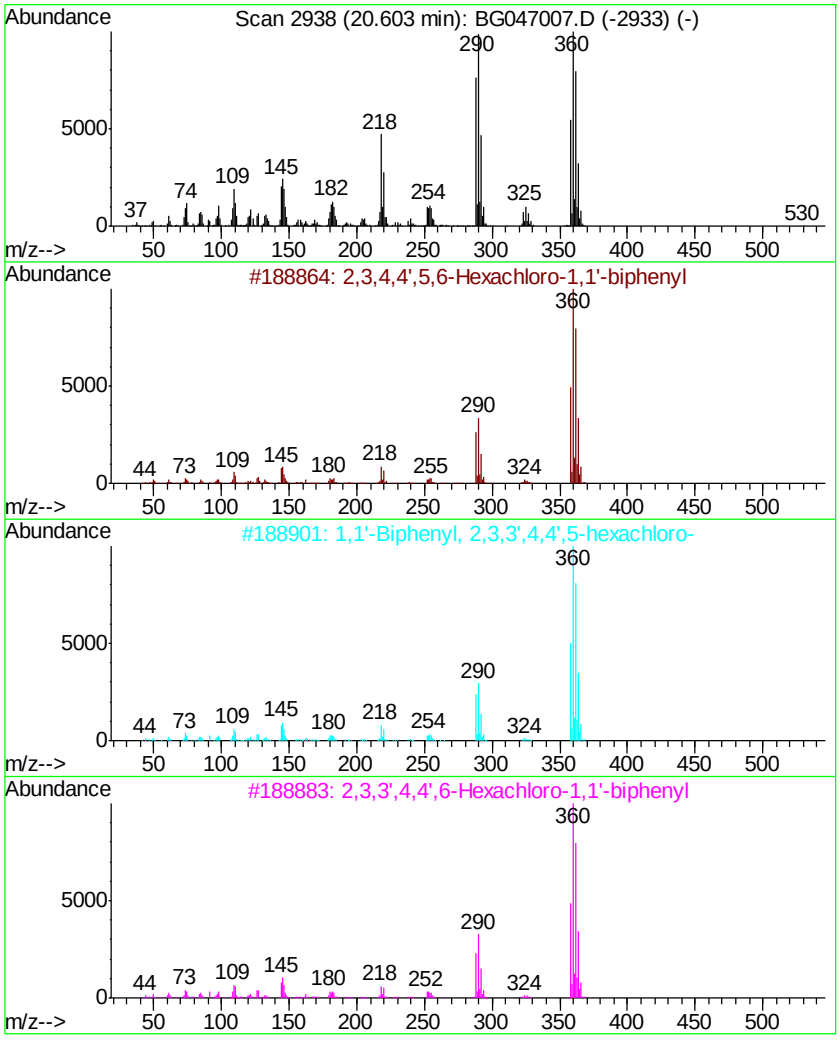
Quant Title : SVOA CALIBRATION

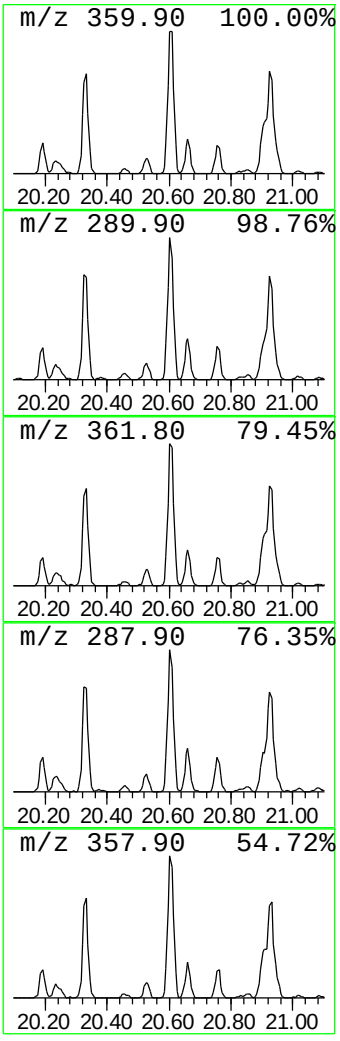
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	34.36 ng/ul	1650820	Chrysene-d12	21.71

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	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





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Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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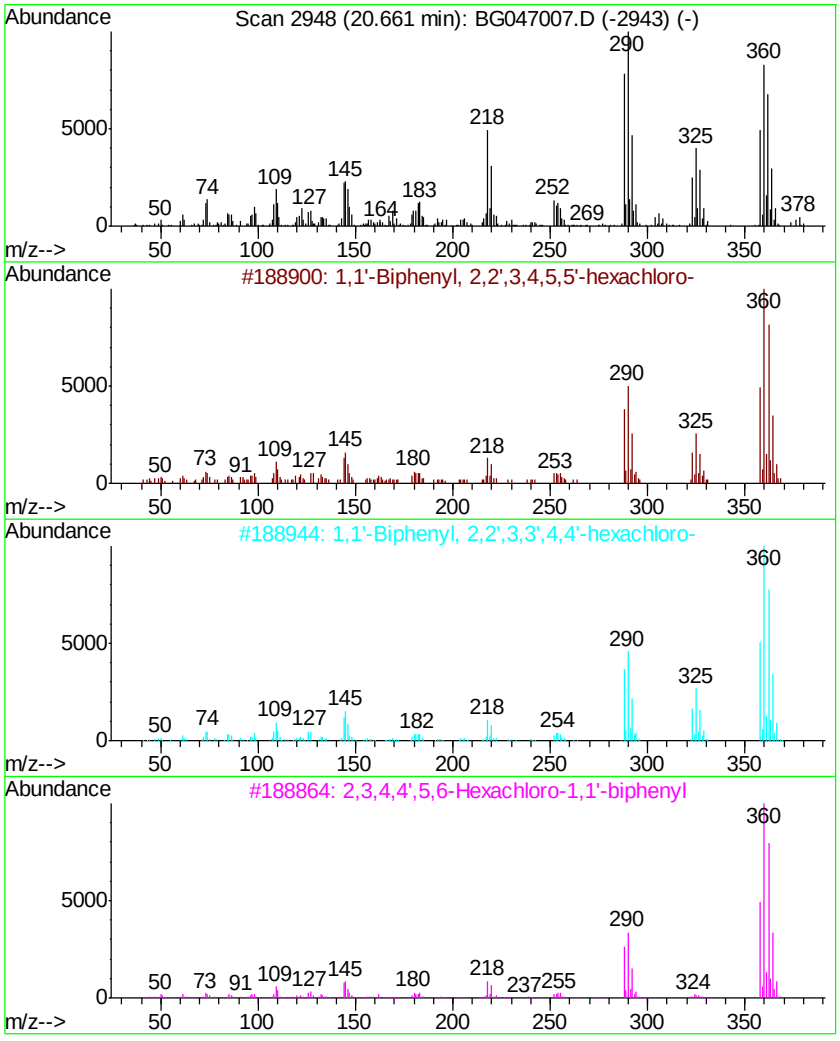
Quant Title : SVOA CALIBRATION

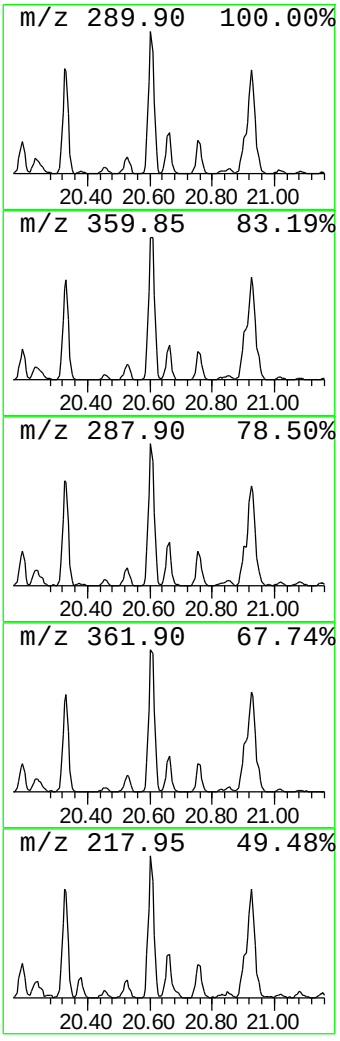
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	12.51 ng/ul	600994	Chrysene-d12	21.71

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',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





Library Search Compound Report

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Acq On : 20 Oct 2020 21:08
Operator : CG/JU
Sample : L4402-06
Misc : GCMS CONFIRMATION
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

****
Peak Number 20 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	2.71 ng/ul	129973	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	93
2	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	93
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	93
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	93
5	2,3,3,',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	93