LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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	16	rVB	528841	604033	30.00%	2.428%
2	3.481	21	24	27	rVB2	2463	3195	0.16%	0.013%
3	3.704	58	62	64	rBV3	2537	3681	0.18%	0.015%
4	3.739	64	68	72	rVB4	13790	19001	0.94%	0.076%
5	4.215	145	149	155	rBV	4384	6505	0.32%	0.026%
6	8.052	796	802	811	rBV	224574	375732	18.66%	1.510%
7	10.866	1272	1281	1290	rBV	290047	511143	25.39%	2.055%
8	11.119	1319	1324	1328	rBV	1926	3364	0.17%	0.014%
9	12.106	1487	1492	1499	rBV4	5693	11023	0.55%	0.044%
10	13.633	1746	1752	1763	rBV3	15432	29280	1.45%	0.118%
11	14.685	1924	1931	1941	rBV2	490392	757407	37.62%	3.044%
12	17.429	2392	2398	2407	rBV	637630	994715	49.41%	3.998%
13	17.529	2412	2415	2422	rVV4	4156	6683	0.33%	0.027%
14	18.028	2496	2500	2505	rBV5	3800	7773	0.39%	0.031%
15	18.140	2515	2519	2524	rBV3	11364	16301	0.81%	0.066%
16	18.310	2545	2548	2552	rBV6	6322	12706	0.63%	0.051%
17	18.492	2572	2579	2585	rBV	650937	910476	45.23%	3.660%
18	18.557	2585	2590	2594	rVV	154500	212775	10.57%	0.855%
19	18.598	2594	2597	2602	rVV3	36505	45436	2.26%	0.183%
20	18.721	2614	2618	2620	rVB3	2804	3360	0.17%	0.014%
21	18.780	2620	2628	2633	rBV	289412	402178	19.98%	1.617%
22	18.827	2633	2636	2641	rVB3	19343	25193	1.25%	0.101%
23	18.915	2646	2651	2653	rBV2	23335	28738	1.43%	0.116%
24	18.951	2653	2657	2663	rVB	91816	123275	6.12%	0.496%
25	19.015	2665	2668	2672	rBV6	9218	12960	0.64%	0.052%
26	19.050	2672	2674	2679	rVB3	15544	18095	0.90%	0.073%
27	19.097	2679	2682	2685	rBV4	2740	3418	0.17%	0.014%
28	19.197	2695	2699	2703	rBV5	9840	14770	0.73%	0.059%
29	19.256	2703	2709	2713	rBV	132977	174799	8.68%	0.703%
30	19.338	2713	2723	2731	rVB2	913966	1665127	82.71%	6.693%
31	19.421	2731	2737	2742	rBV3	154933	197337	9.80%	0.793%
32	19.485	2745	2748	2752	rBV5	3518	5451	0.27%	0.022%
33	19.538	2752	2757	2765	rBV3	213955	380544	18.90%	1.530%
34	19.615	2765	2770	2776	rVB	1516065	2013157	100.00%	8.092%

LSC Area Percent Report

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Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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	19.679	2776	2781	2786	rVB	575100	710780	35.31%	2.857%
36	19.726	2786	2789	2791	rBV2	29869	32070	1.59%	0.129%
37	19.750	2791	2793	2797	rVB2	19889	20024	0.99%	0.080%
38	19.808	2798	2803	2806	rBV2	68696	87449	4.34%	0.352%
39	19.838	2806	2808	2809	rBV2	7559	4591	0.23%	0.018%
40	19.873	2809	2814	2820	rVB	404070	519301	25.80%	2.087%
41	19.955	2820	2828	2832	rBV	666045	882563	43.84%	3.548%
42	20.002	2832	2836	2840	rBV	245335	296129	14.71%	1.190%
43	20.061	2840	2846	2851	rVB	1514147	1946836	96.71%	7.825%
44	20.102	2851	2853	2857	rVB4	10124	12143	0.60%	0.049%
45	20.184	2861	2867	2868	rBV2	103366	132739	6.59%	0.534%
46	20.202	2868	2870	2879	rVB3	141002	262085	13.02%	1.053%
47	20.273	2879	2882	2885	rVB3	63398	62731	3.12%	0.252%
48	20.320	2885	2890	2894	rBV2	571158	773499	38.42%	3.109%
49	20.372	2894	2899	2904	rVB	1374775	1665430	82.73%	6.694%
50	20.449	2906	2912	2917	rBV3	61211	83335	4.14%	0.335%
51	20.519	2917	2924	2929	rVB3	133488	225527	11.20%	0.907%
52	20.596	2932	2937	2942	rBV	711025	849437	42.19%	3.414%
53	20.649	2942	2946	2948	rBV	341876	425969	21.16%	1.712%
54	20.678	2948	2951	2959	rVB	609721	736208	36.57%	2.959%
55	20.749	2959	2963	2970	rBV2	152388	233779	11.61%	0.940%
56	20.819	2971	2975	2978	rBV3	86674	137773	6.84%	0.554%
57	20.919	2983	2992	2999	rVV	845926	1518962	75.45%	6.106%
58	21.013	3003	3008	3012	rVB4	58255	76398	3.79%	0.307%
59	21.072	3014	3018	3025	rBV8	40309	60579	3.01%	0.244%
60	21.148	3027	3031	3034	rBV5	24196	29447	1.46%	0.118%
61	21.254	3043	3049	3054	rBV	256119	375489	18.65%	1.509%
62	21.336	3060	3063	3066	rVB3	17358	15293	0.76%	0.061%
63	21.377	3066	3070	3078	rVB6	41626	59978	2.98%	0.241%
64	21.448	3078	3082	3086	rBV7	23460	34209	1.70%	0.138%
65	21.512	3089	3093	3094	rVV4	18571	20374	1.01%	0.082%
66	21.542	3094	3098	3106	rVV2	119828	180136	8.95%	0.724%
67	21.606	3106	3109	3116	rVV8	31754	50259	2.50%	0.202%
68	21.700	3118	3125	3136	rVB2	688865	1272303	63.20%	5.114%
69	21.882	3152	3156	3162	rVB3	25179	33734	1.68%	0.136%
70	22.041	3179	3183	3188	rVB7	13952	20919	1.04%	0.084%
71	22.141	3195	3200	3206	rVB4	61261	99008	4.92%	0.398%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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

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Peak separation: 5

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

72	22.217	3211	3213	3215	rVB3	6490	4227	0.21%	0.017%
73	22.311	3227	3229	3234	rBV6	6645	8669	0.43%	0.035%
74	22.494	3258	3260	3268	rVB4	23276	30057	1.49%	0.121%
75	22.705	3294	3296	3297	rBV	4986	4410	0.22%	0.018%
76	23.187	3375	3378	3384	rVB5	22025	36842	1.83%	0.148%
77	23.334	3401	3403	3405	rBV2	6315	4303	0.21%	0.017%
78	23.868	3492	3494	3495	rBV2	7639	6155	0.31%	0.025%
79	23.904	3499	3500	3503	rBV3	7046	5299	0.26%	0.021%
80	23.998	3509	3516	3523	rBV3	37648	75429	3.75%	0.303%
81	24.938	3665	3676	3690	rBV2	302350	917931	45.60%	3.690%
82	25.590	3785	3787	3788	rBV	4663	3435	0.17%	0.014%
83	25.625	3792	3793	3795	rVV2	5558	3679	0.18%	0.015%
84	26.083	3863	3871	3881	rBV6	38275	109588	5.44%	0.440%
85	26.647	3965	3967	3969	rBV3	5215	5109	0.25%	0.021%
86	27.447	4097	4103	4111	rVB8	18116	52351	2.60%	0.210%
87	28.193	4229	4230	4233	rBV3	4290	3739	0.19%	0.015%
88	29.744	4492	4494	4495	rBV2	4495	3668	0.18%	0.015%
89	29.844	4509	4511	4512	rBV2	4676	4156	0.21%	0.017%
90	30.261	4580	4582	4584	rBV3	5552	3196	0.16%	0.013%
91	30.408	4606	4607	4609	rBV2	5614	4112	0.20%	0.017%
92	30.584	4635	4637	4639	rBV3	4686	3903	0.19%	0.016%
93	31.042	4713	4715	4716	rBV	6050	5064	0.25%	0.020%
94	31.148	4731	4733	4735	rBV3	4871	4089	0.20%	0.016%
95	31.348	4765	4767	4770	rBV5	4810	4735	0.24%	0.019%
96	31.506	4792	4794	4796	rBV2	5575	5276	0.26%	0.021%
97	31.542	4798	4800	4801	rBV2	5589	4276	0.21%	0.017%
98	31.812	4844	4846	4847	rBV2	4605	3864	0.19%	0.016%
99	32.106	4892	4896	4900	rBV7	4699	9969	0.50%	0.040%
100	32.317	4931	4932	4934	rVB2	5231	3562	0.18%	0.014%

Sum of corrected areas: 24878210

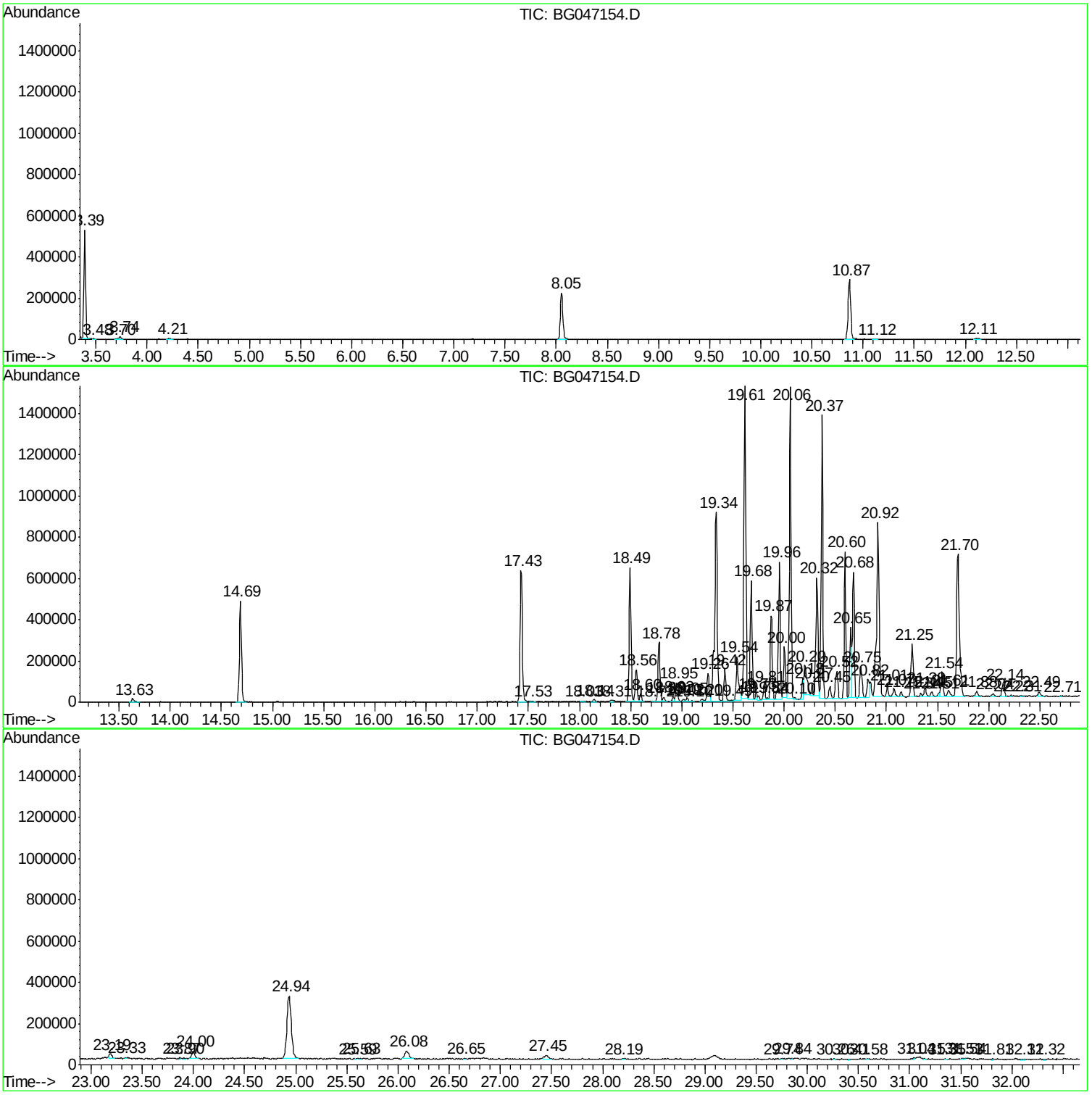
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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 : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
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Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

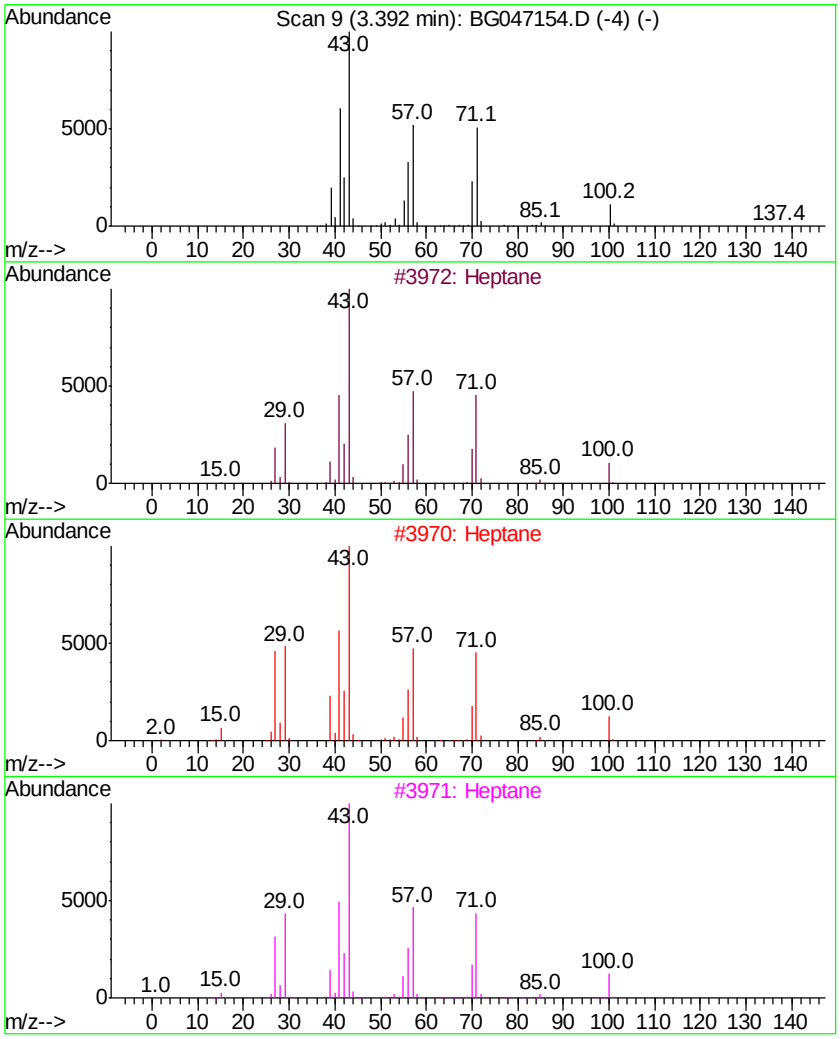
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

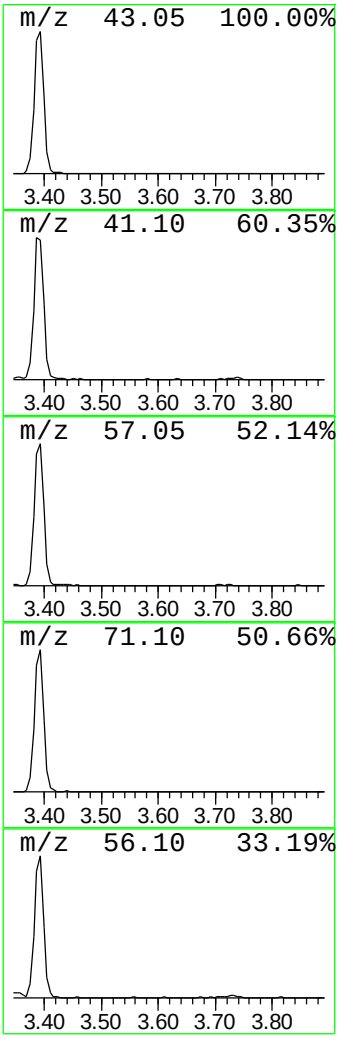
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	32.15 ng/ul	604033	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	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	87
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	42





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Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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

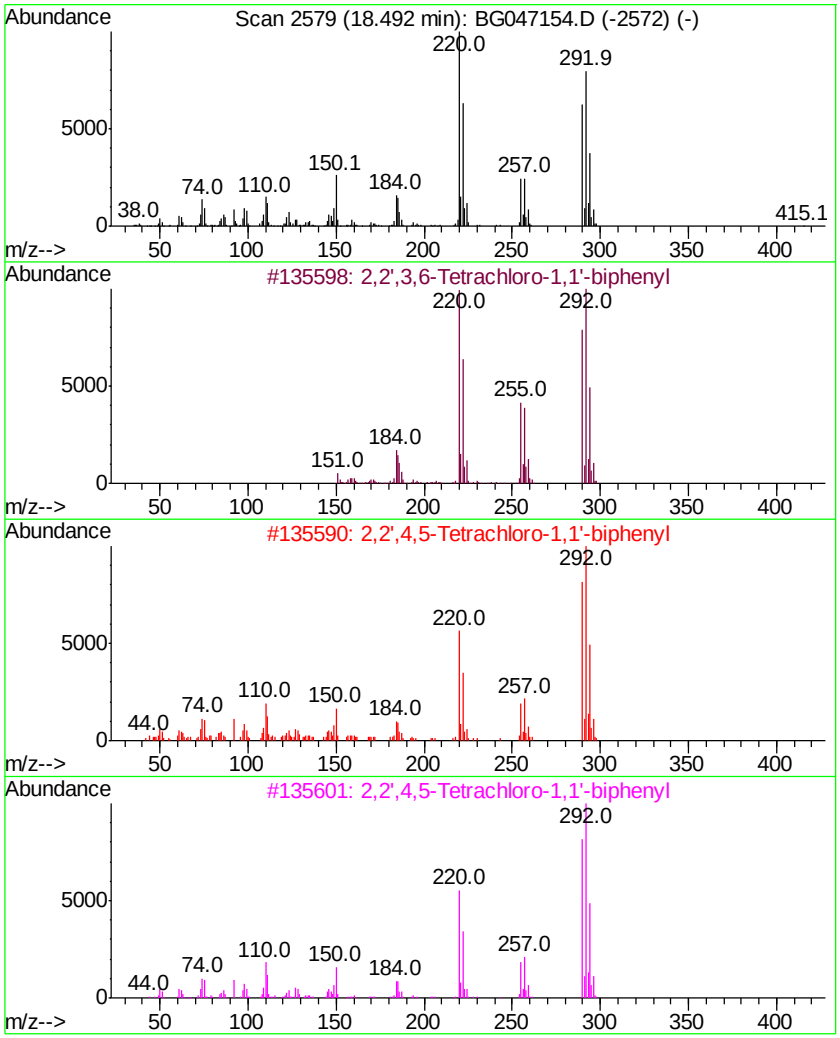
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

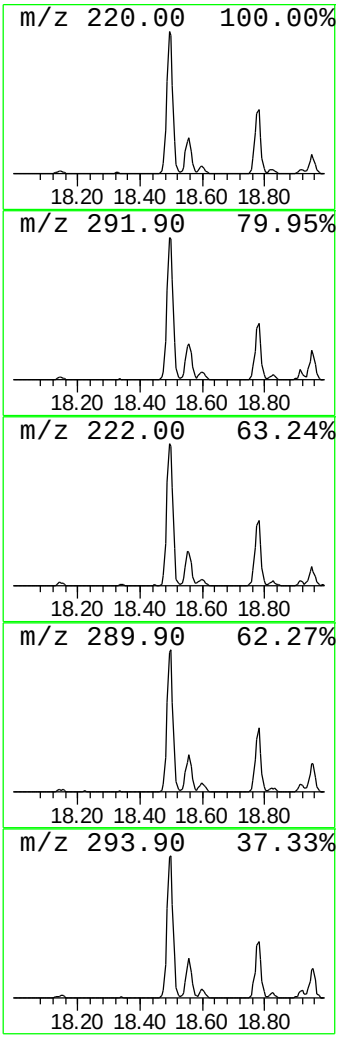
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	18.31 ng/ul	910476	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Quant Title : SVOA CALIBRATION

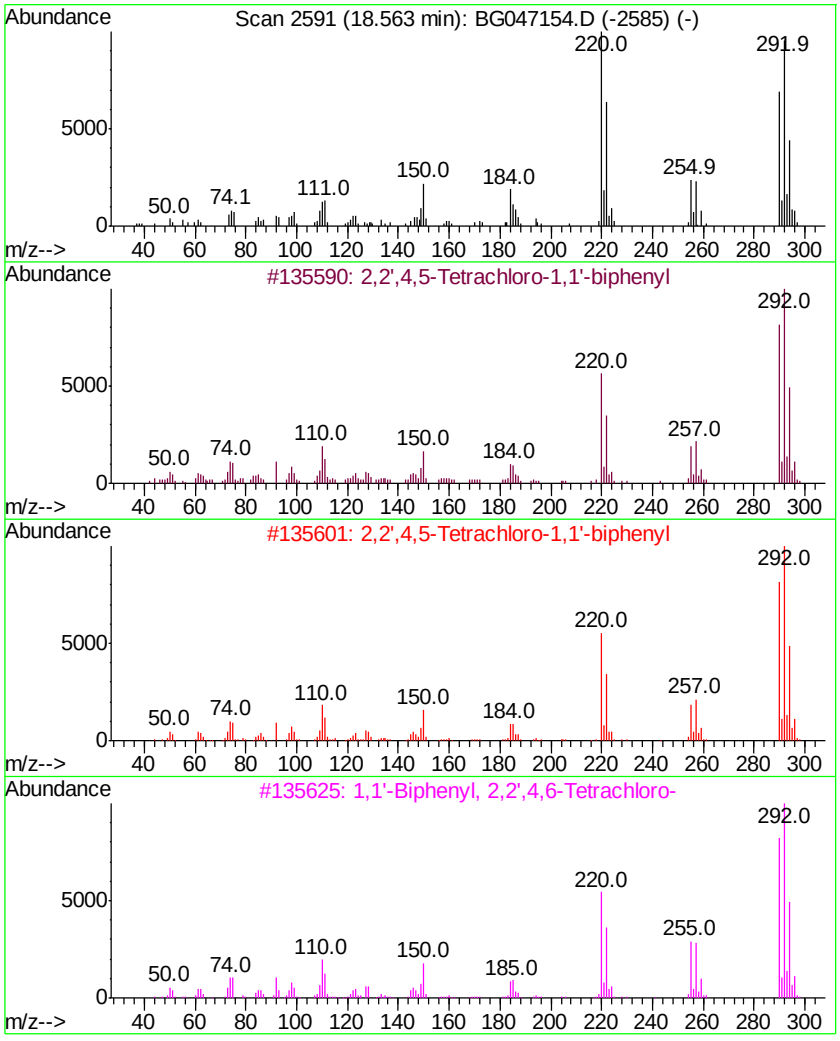
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

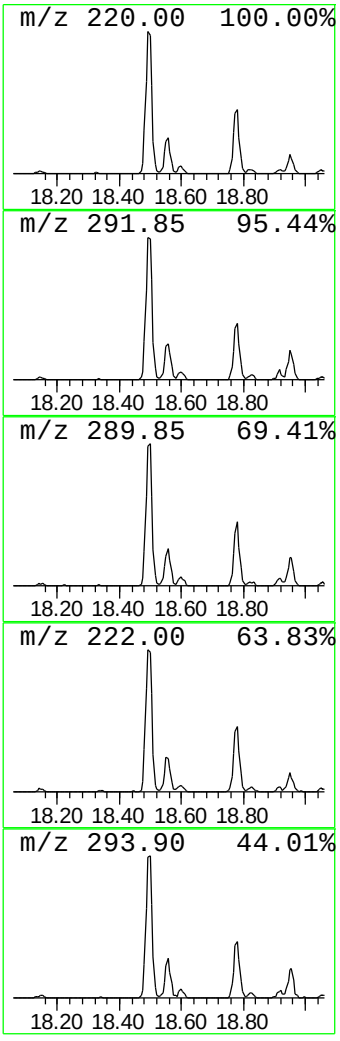
****

Peak Number 3 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.28 ng/ul	212775	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	98
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	98
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	98





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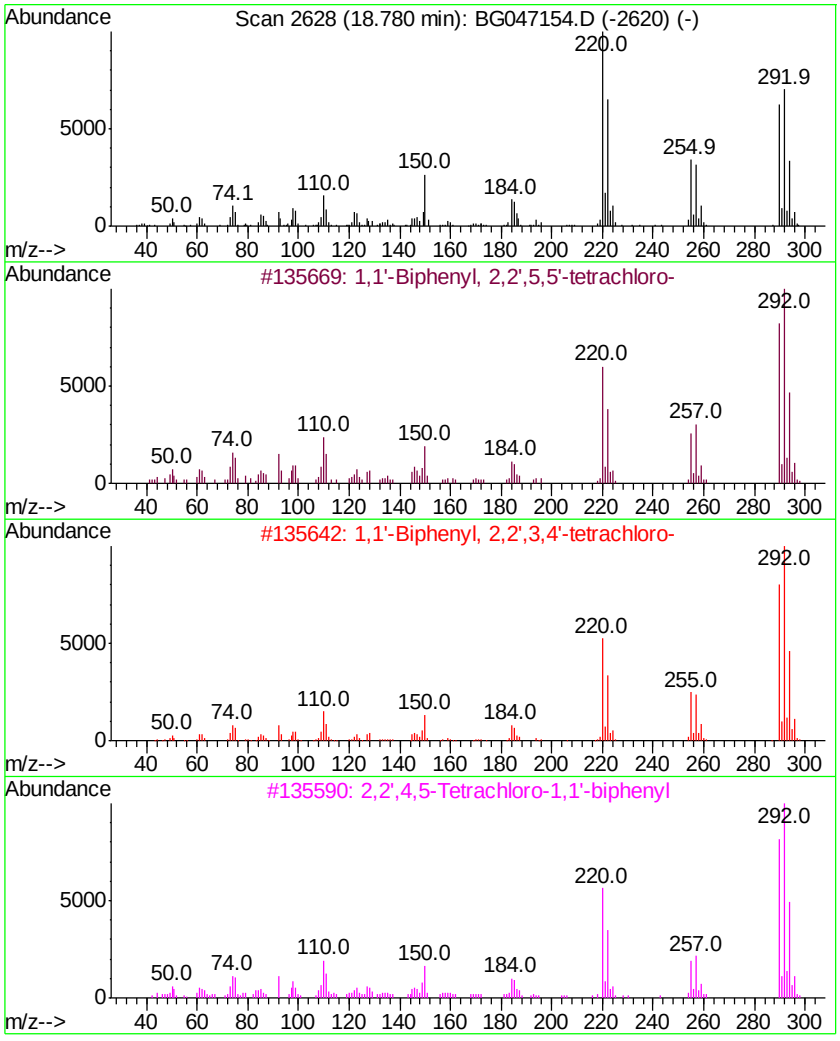
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

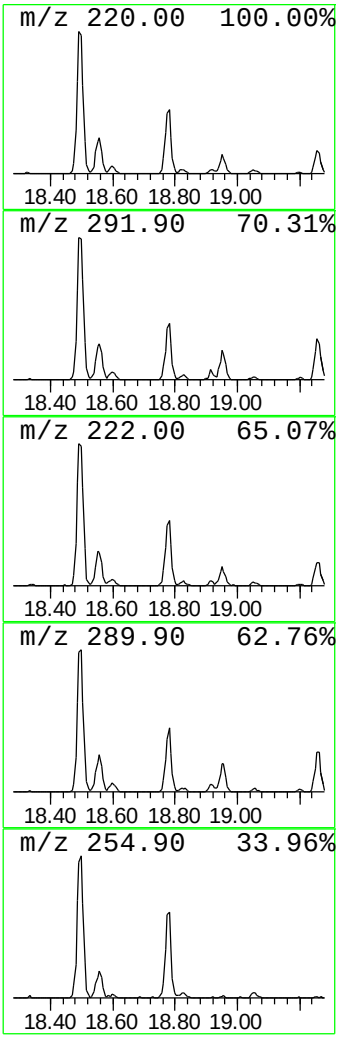
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	8.09 ng/ul	402178	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',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





Library Search Compound Report

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Operator : CG/JU
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Misc : GCMS CONFIRMATION
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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

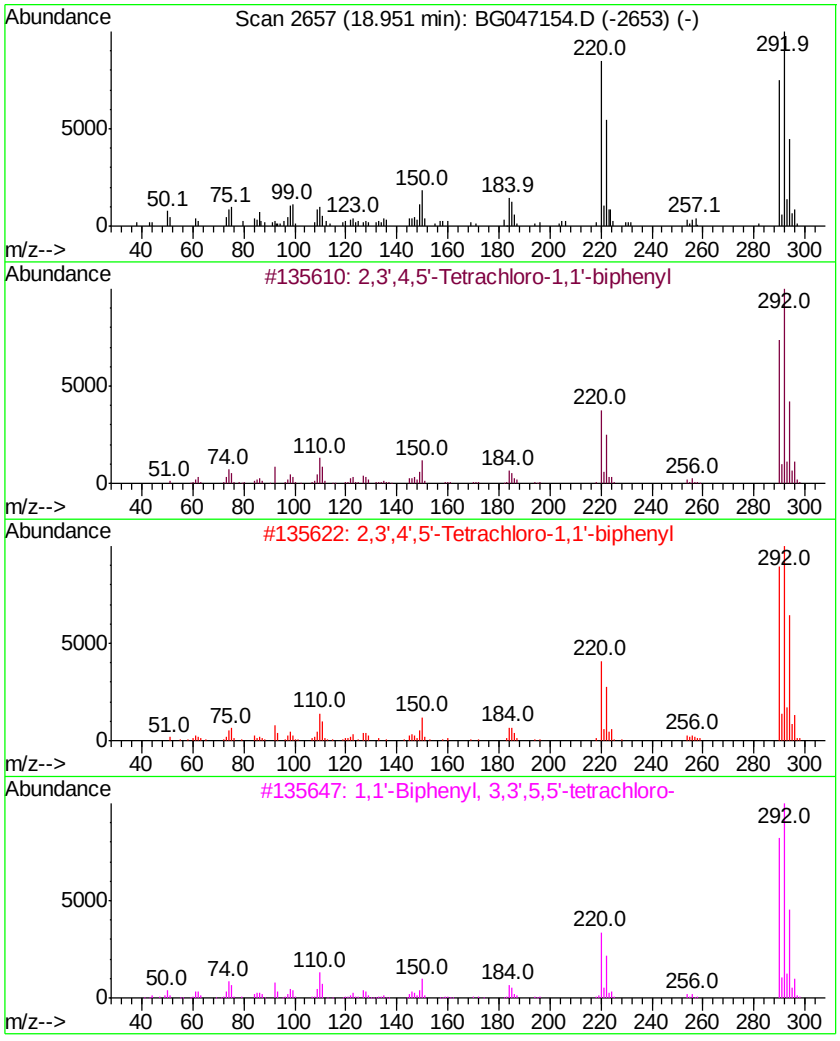
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

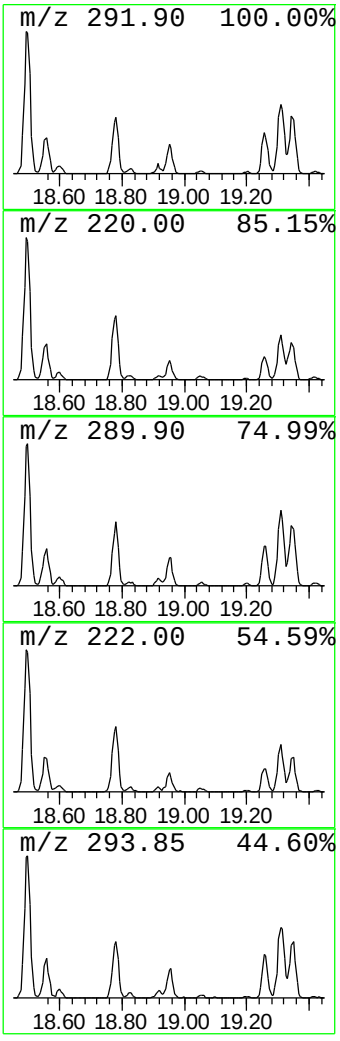
****

Peak Number 5 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.48 ng/ul	123275	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	96
2	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	96
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96
4	2,3,3',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070424-67-8	96
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	96





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Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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Quant Title : SVOA CALIBRATION

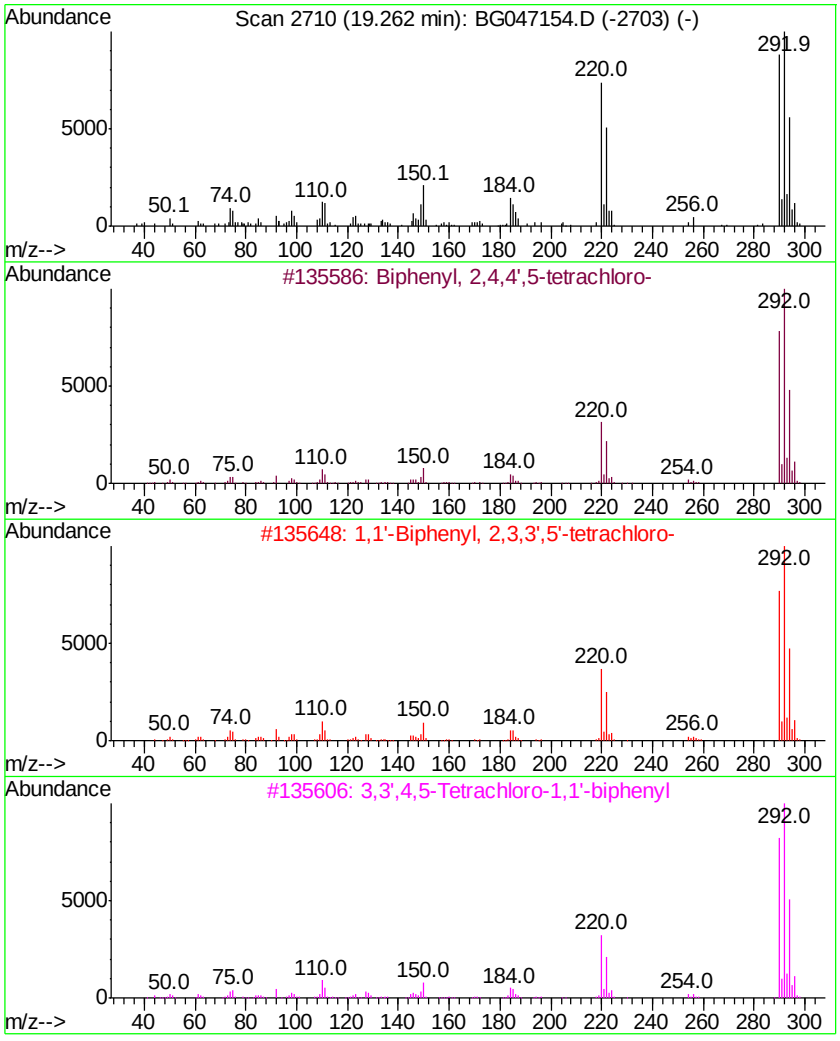
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

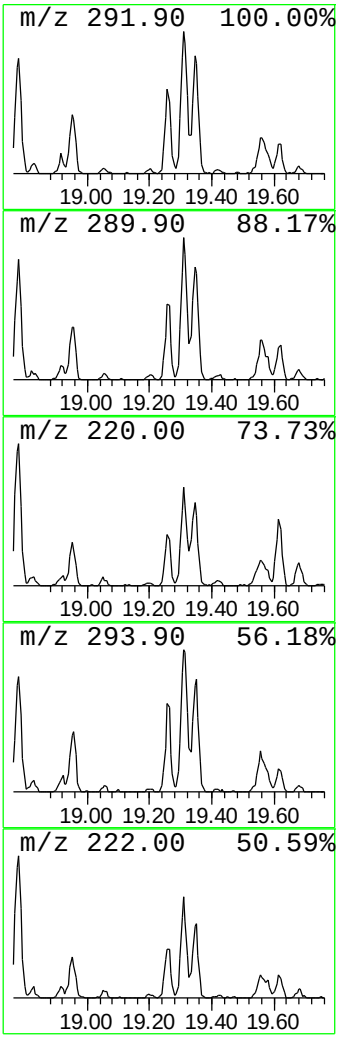
****

Peak Number 6 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.51 ng/ul	174799	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96





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Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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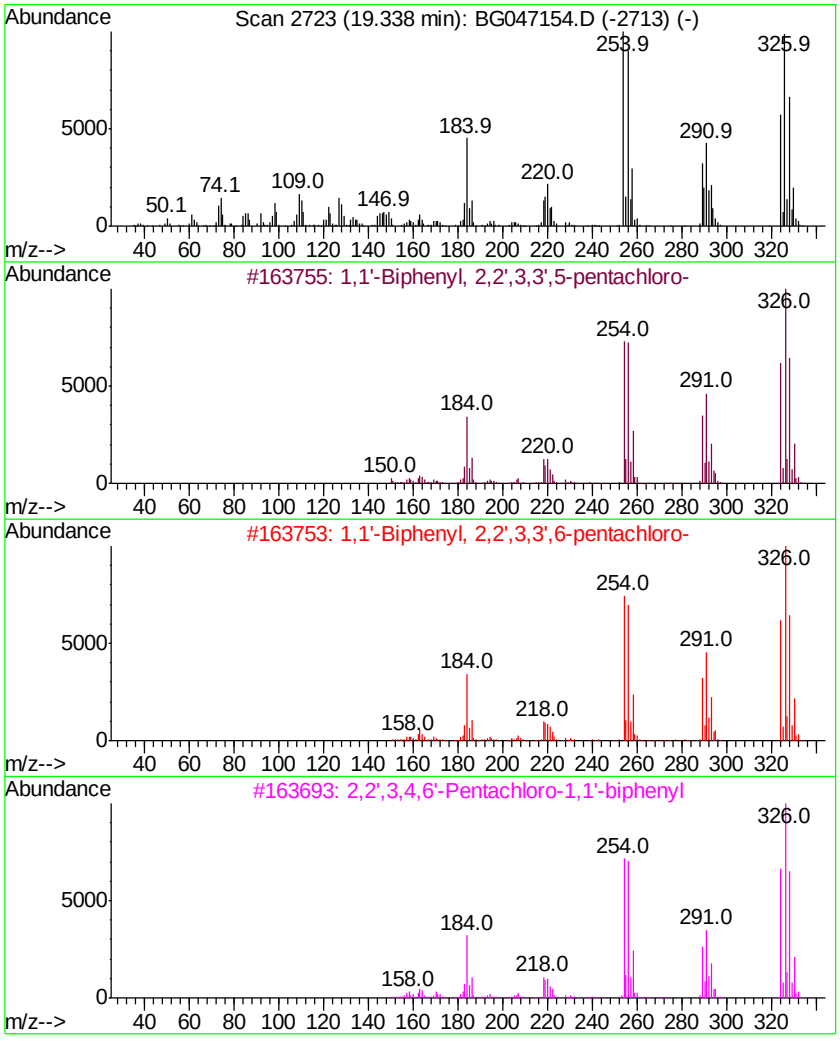
Quant Title : SVOA CALIBRATION

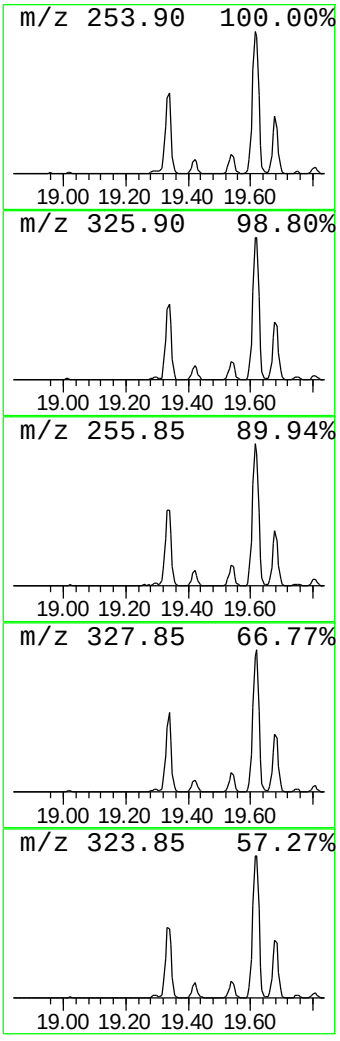
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	33.48 ng/ul	1665130	Phenanthrene-d10	17.43

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, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99





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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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Quant Title : SVOA CALIBRATION

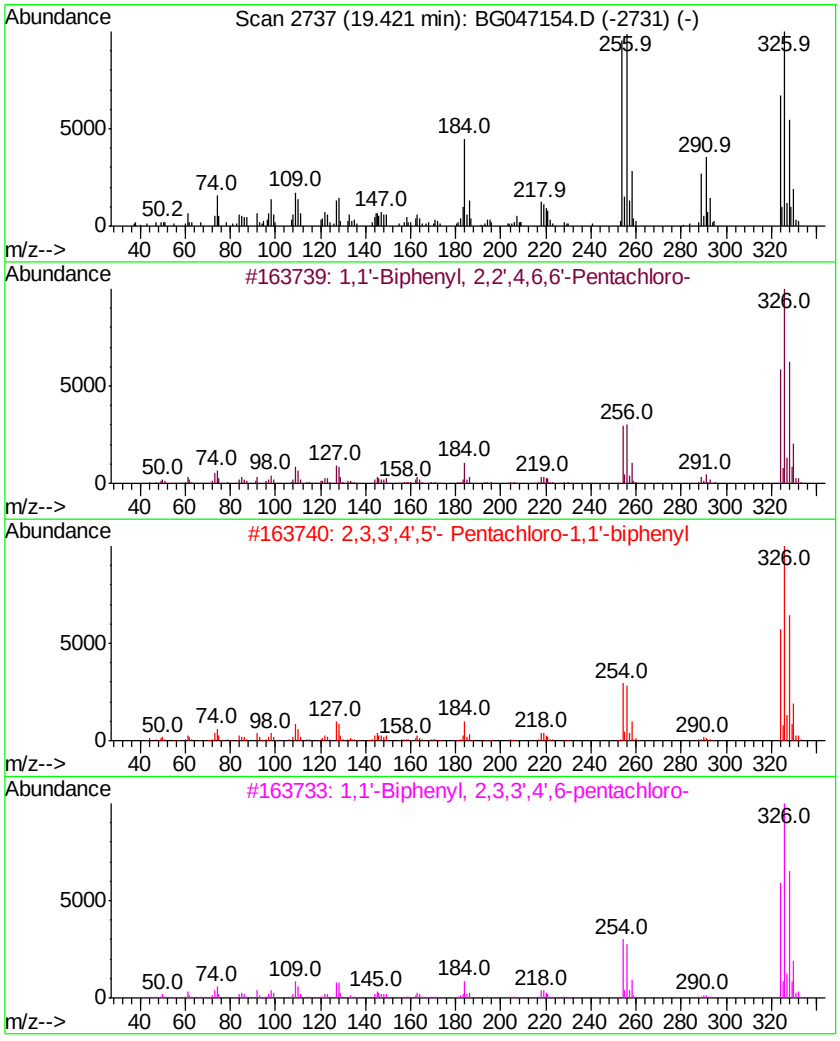
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

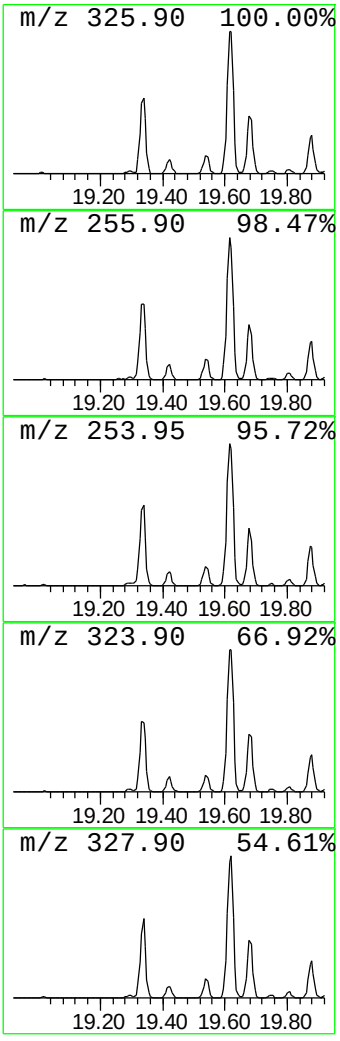
****

Peak Number 8 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	3.97 ng/ul	197337	Phenanthrene-d10	17.43

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	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	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99





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Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

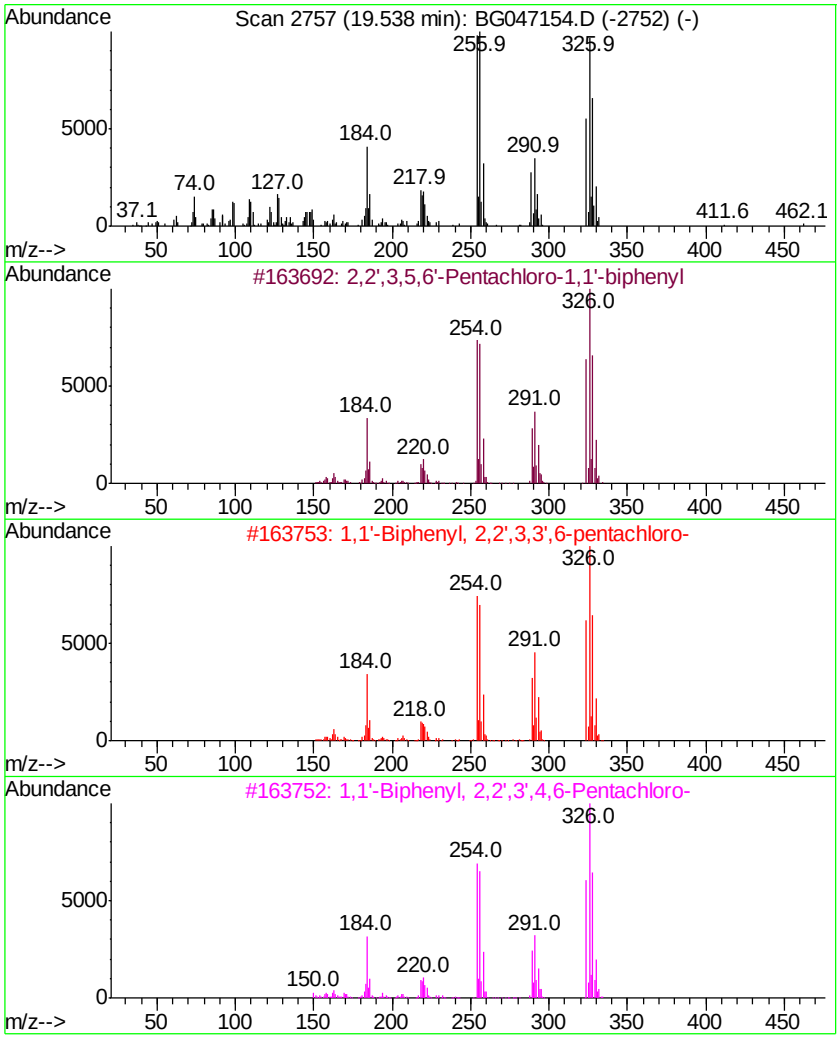
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

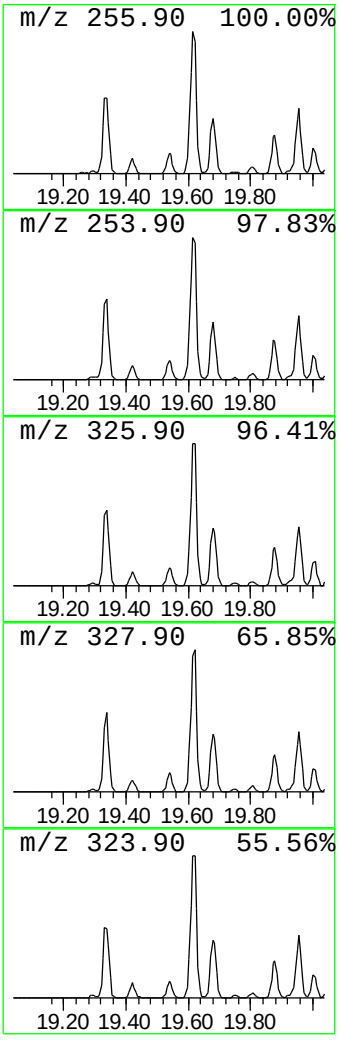
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	7.65 ng/ul	380544	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	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99





Library Search Compound Report

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Operator : CG/JU
Sample : L4505-21
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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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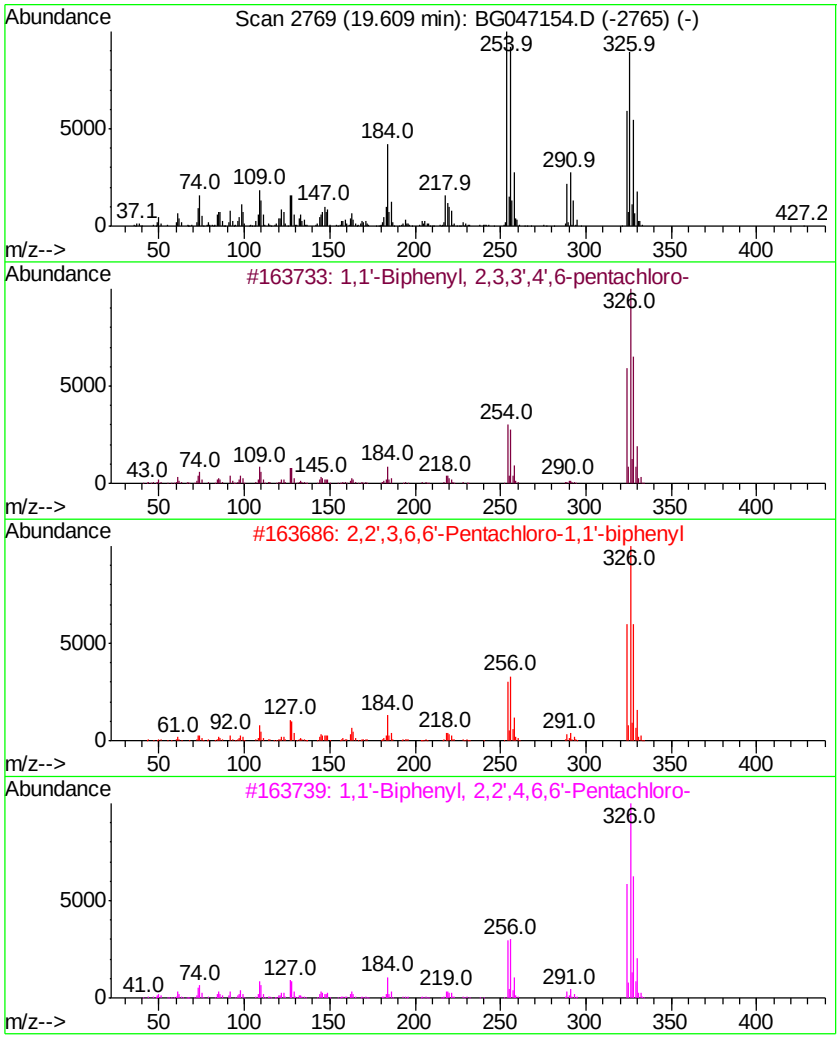
Quant Title : SVOA CALIBRATION

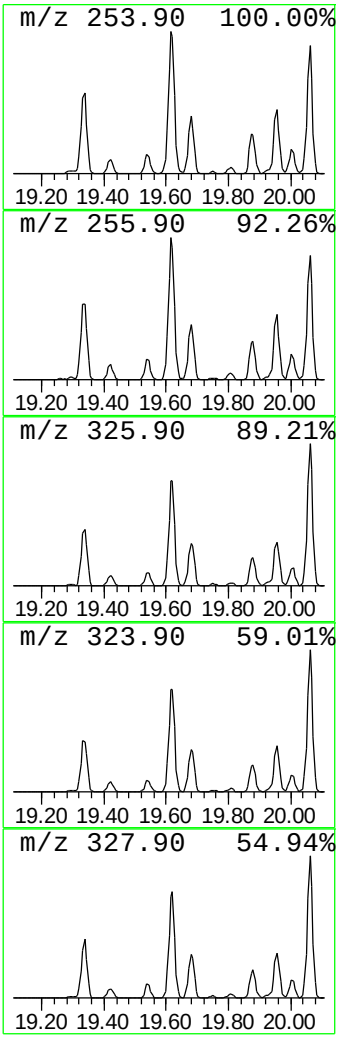
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	31.65 ng/ul	2013160	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	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	98





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Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

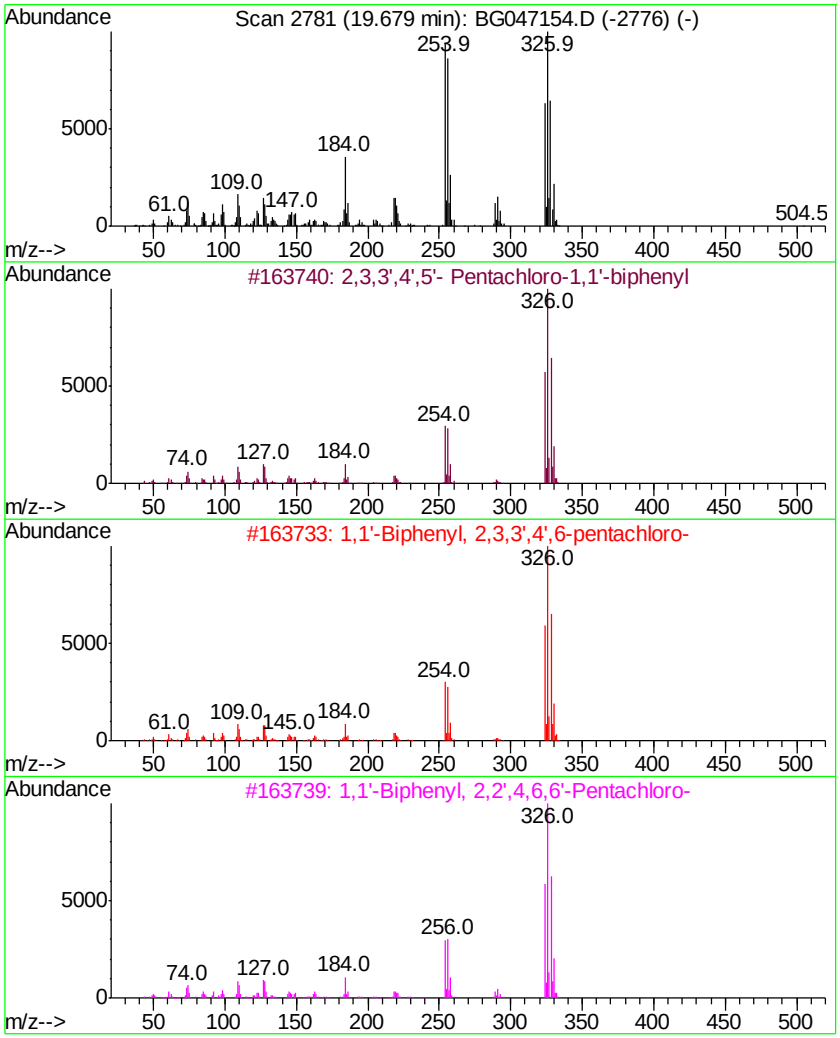
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

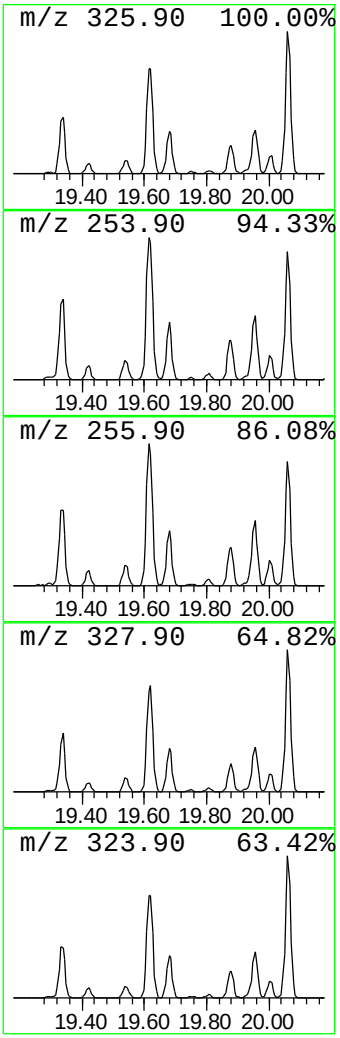
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,3,3',4',5'- Pentachloro-1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	11.17 ng/ul	710780	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

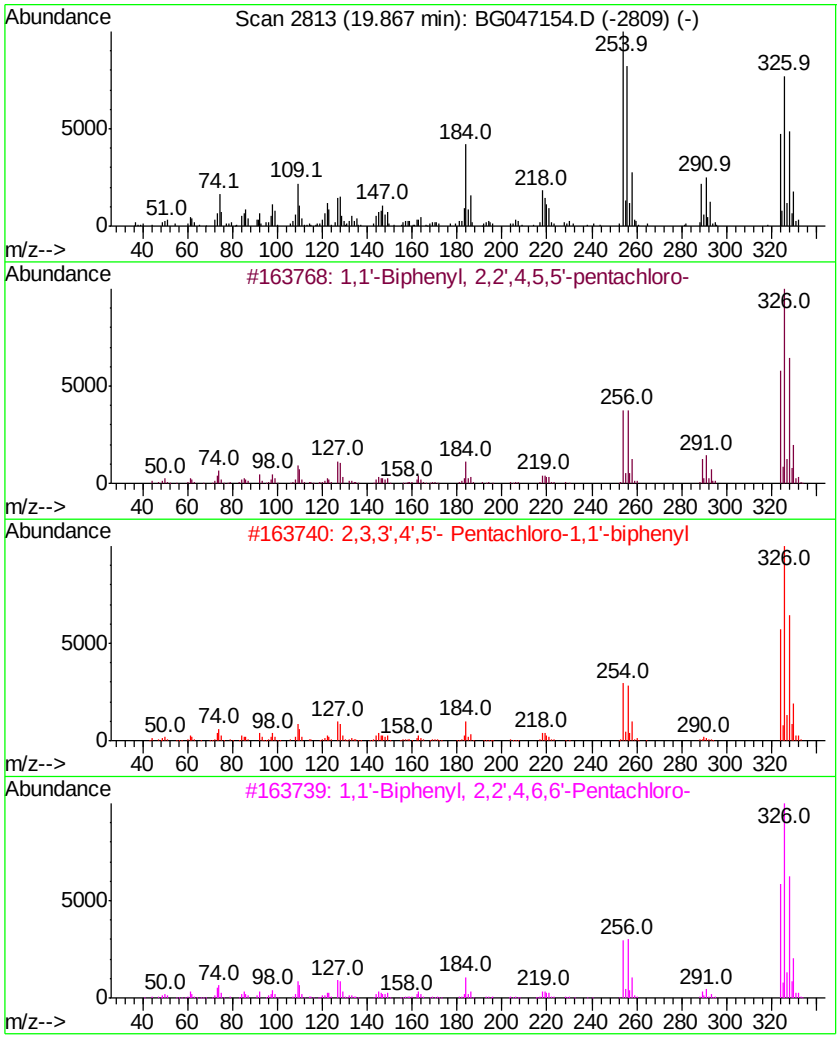
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

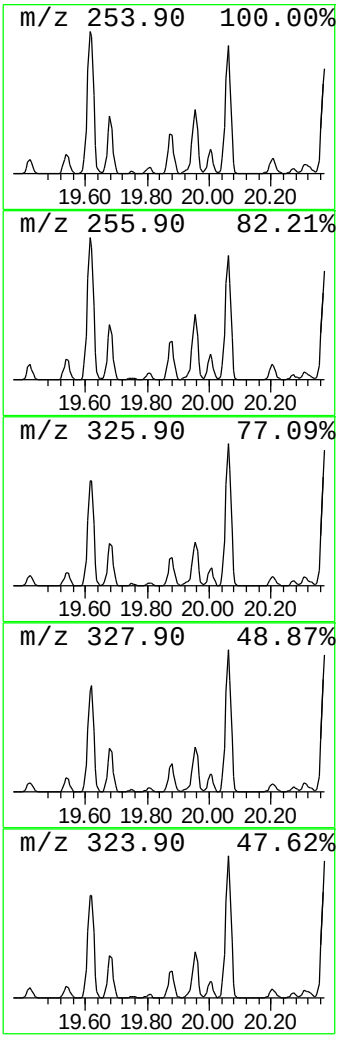
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	8.16 ng/ul	519301	Chrysene-d12	21.70

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	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99





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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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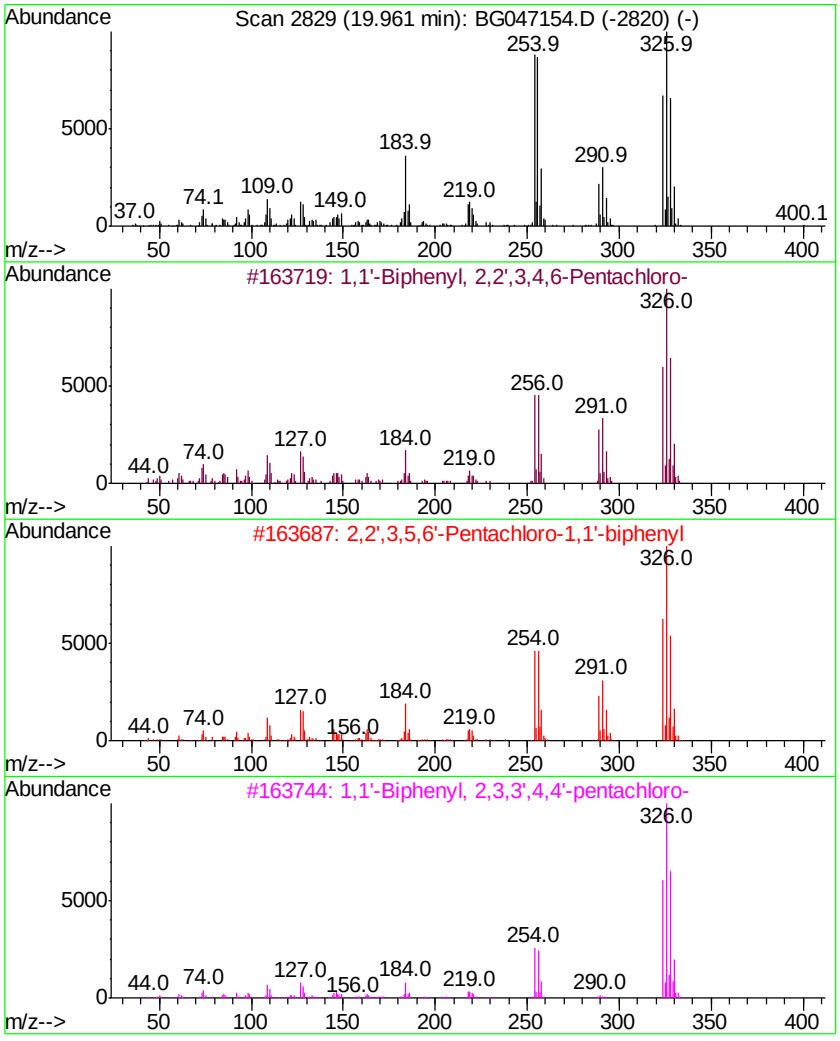
Quant Title : SVOA CALIBRATION

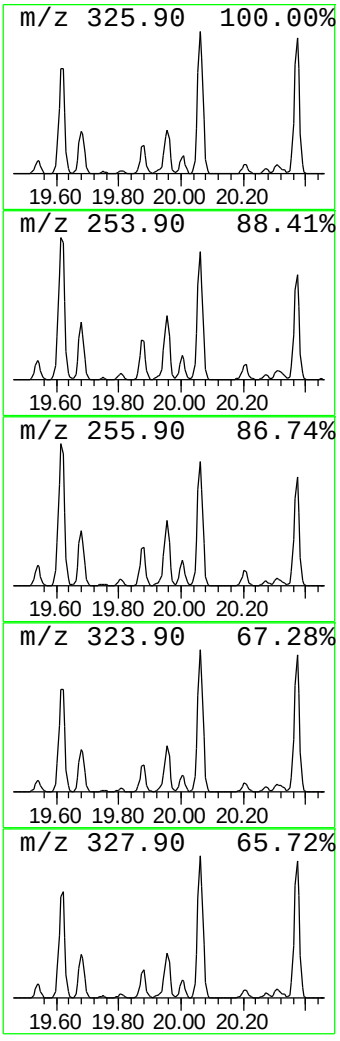
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	13.87 ng/ul	882563	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	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99





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Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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Quant Title : SVOA CALIBRATION

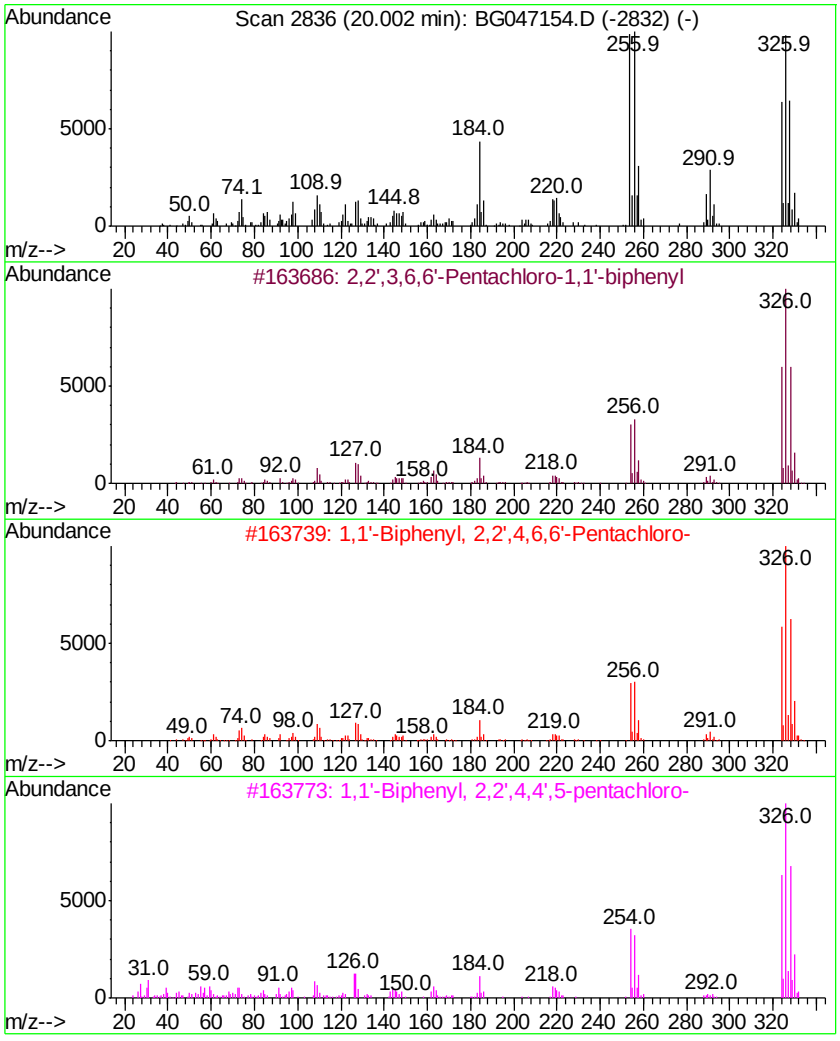
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

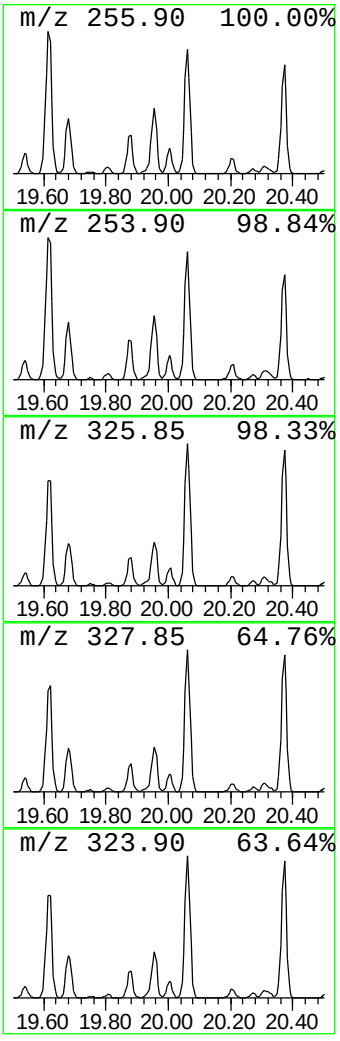
****

Peak Number 14 3,3',4,4',5-Pentachloro-1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	4.66 ng/ul	296129	Chrysene-d12	21.70

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	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98





Library Search Compound Report

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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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Quant Title : SVOA CALIBRATION

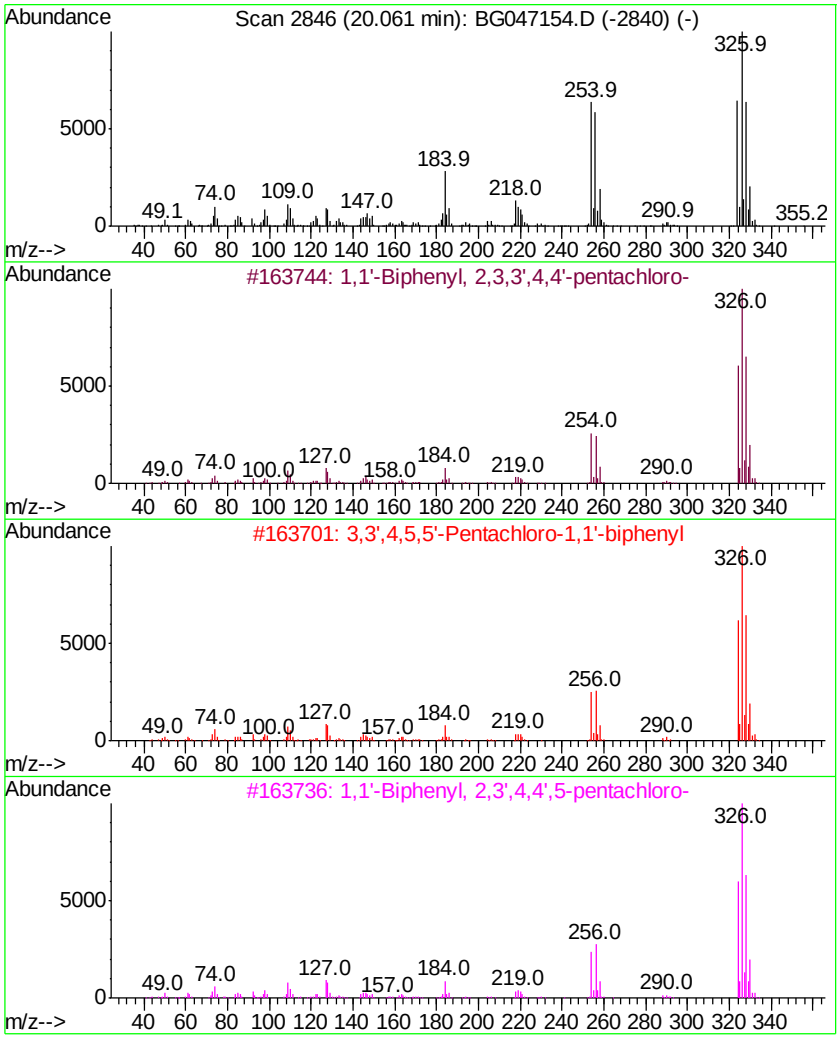
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

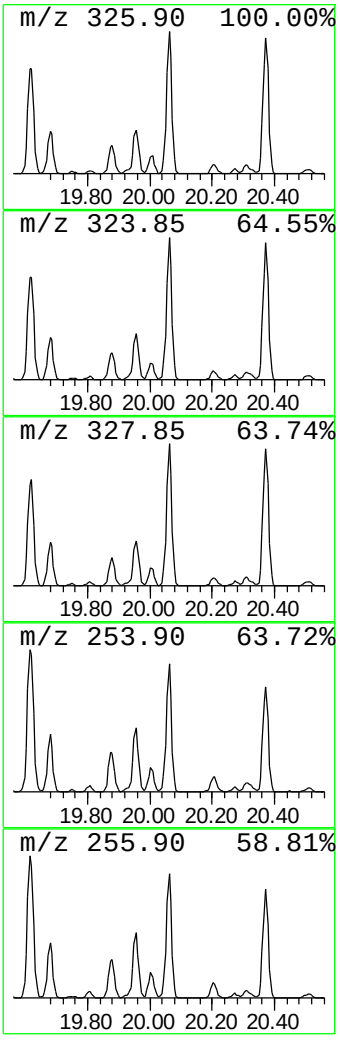
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	30.60 ng/ul	1946840	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	97
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	96





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Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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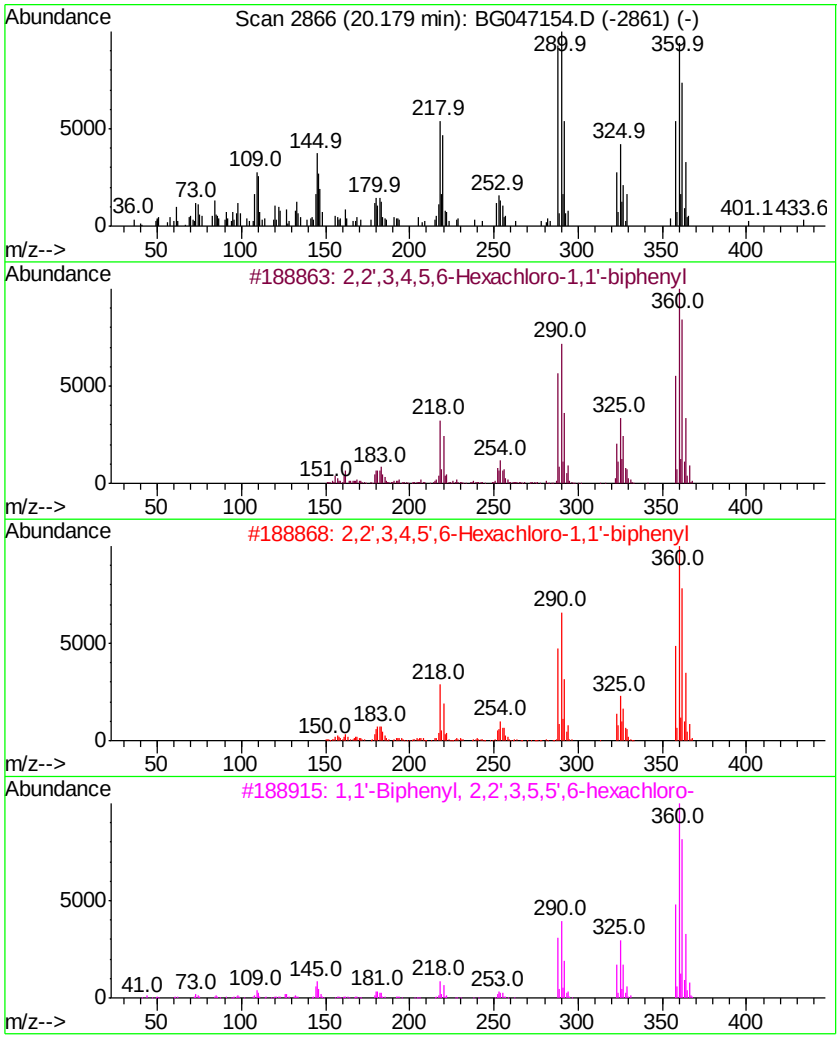
Quant Title : SVOA CALIBRATION

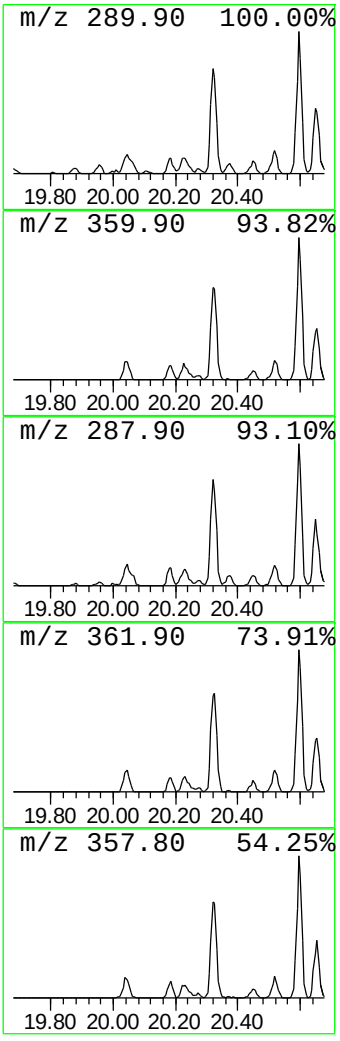
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	2.09 ng/ul	132739	Chrysene-d12	21.70

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	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99
3	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
4	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
5	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99





Library Search Compound Report

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Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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Quant Title : SVOA CALIBRATION

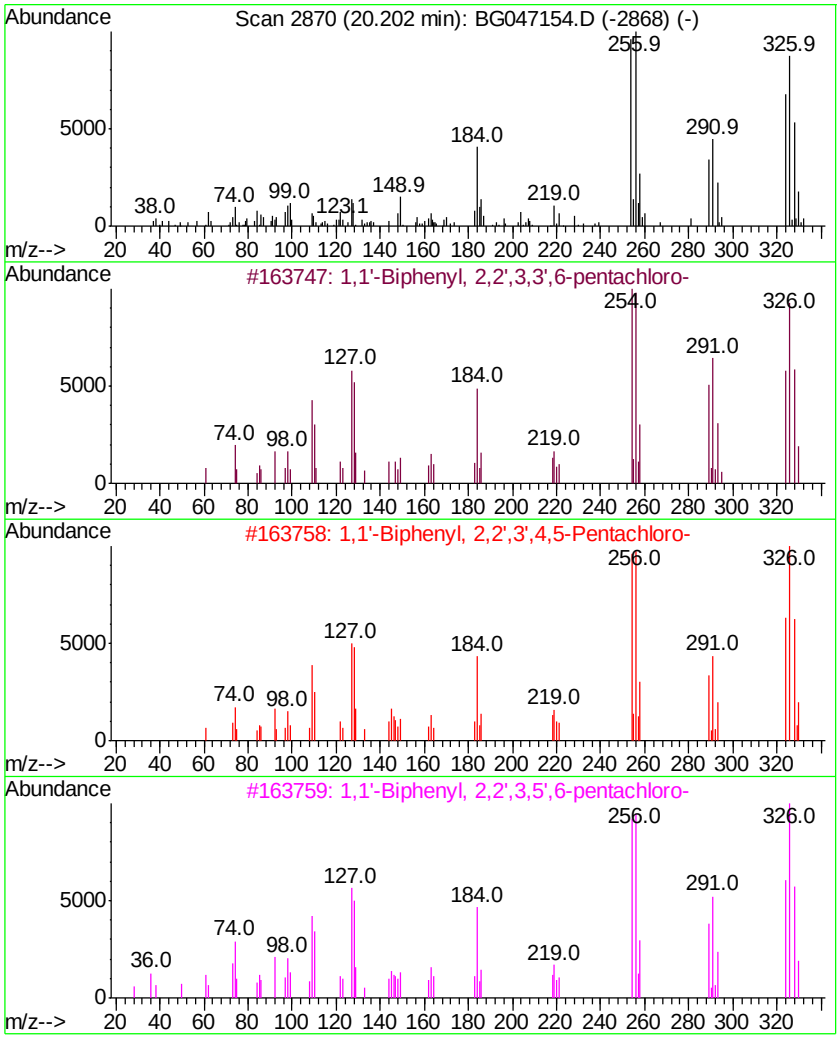
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

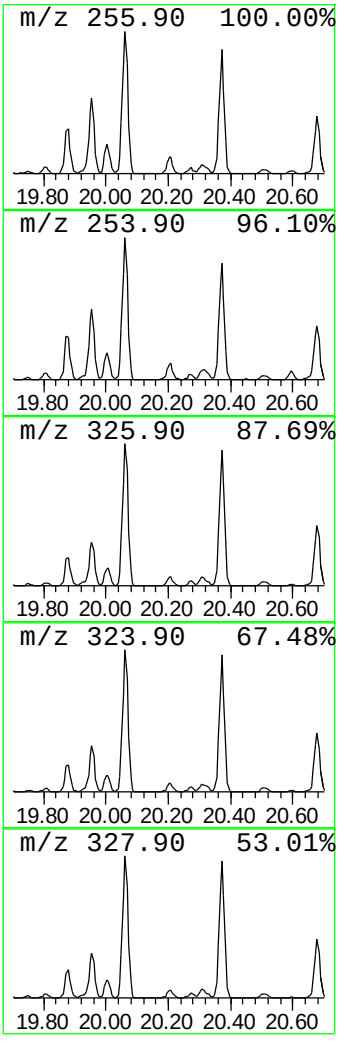
****

Peak Number 17 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	4.12 ng/ul	262085	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	98
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	96
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96
5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	96





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Data File : BG047154.D
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Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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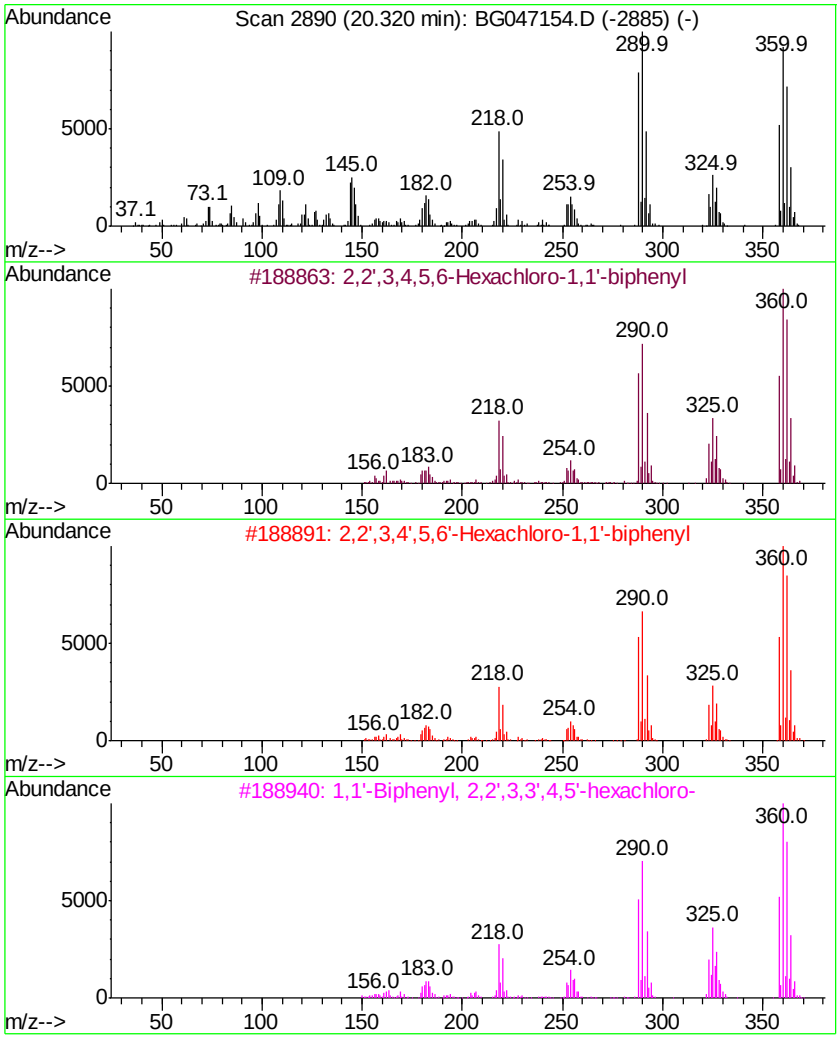
Quant Title : SVOA CALIBRATION

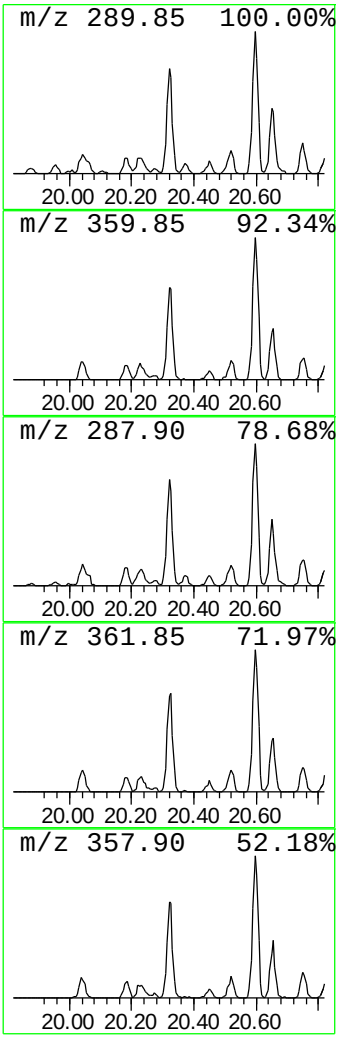
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	12.16 ng/ul	773499	Chrysene-d12	21.70

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	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
4	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99
5	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

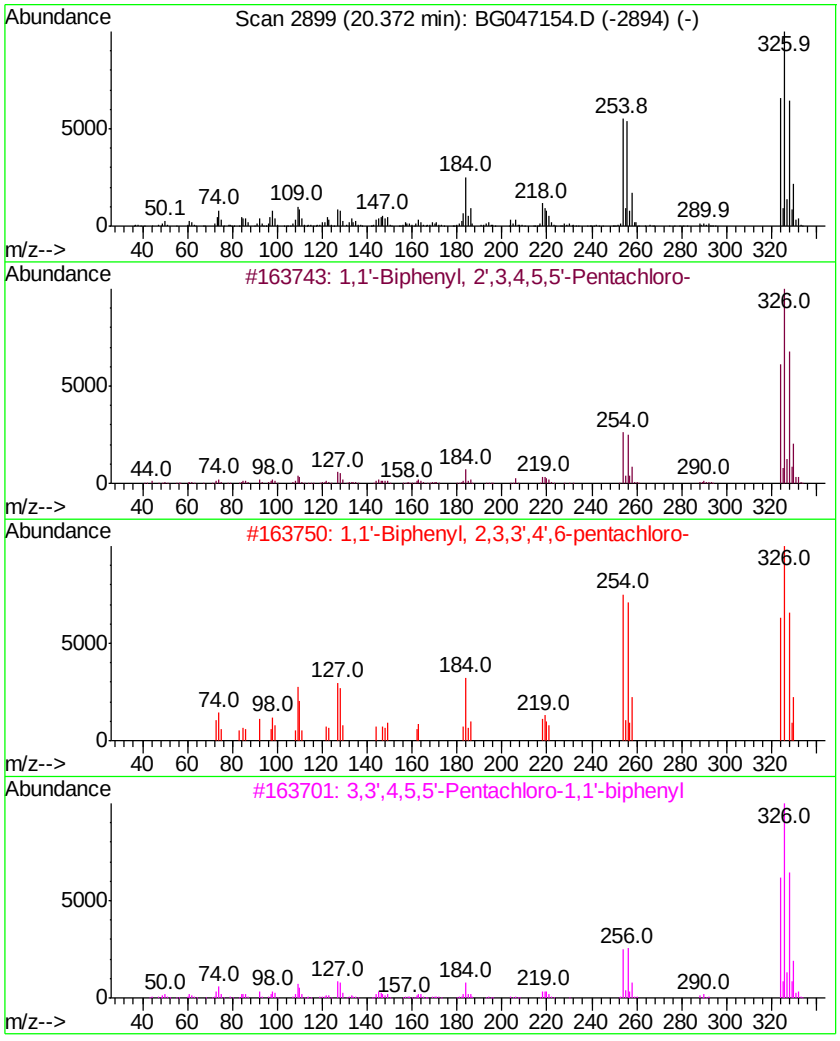
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

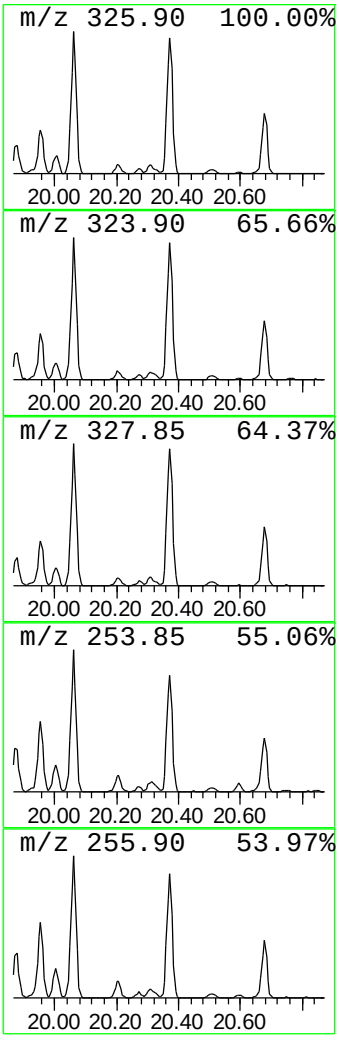
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	26.18 ng/ul	1665430	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	98
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97





Library Search Compound Report

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Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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Quant Title : SVOA CALIBRATION

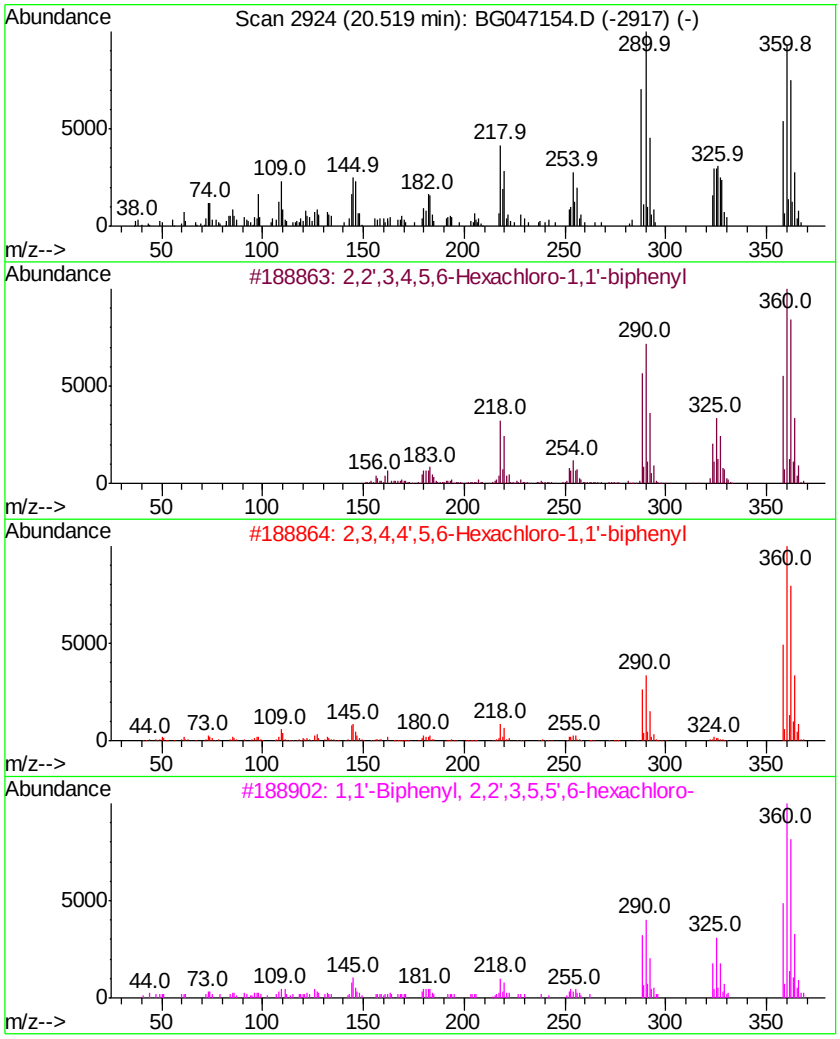
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

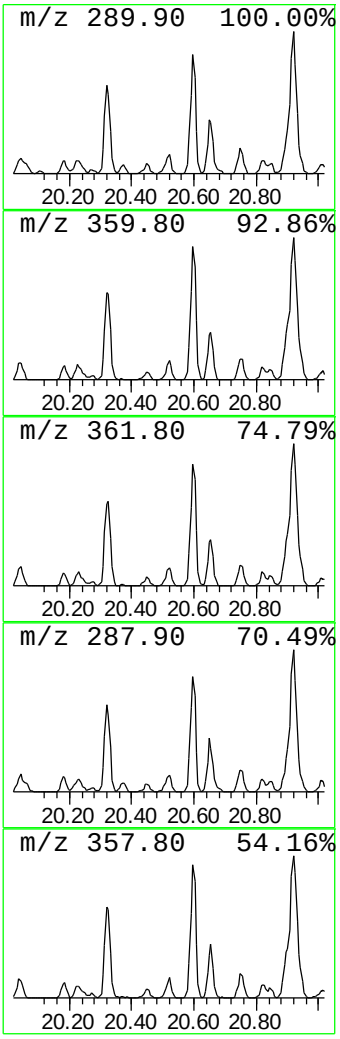
****

Peak Number 20 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	3.55 ng/ul	225527	Chrysene-d12	21.70

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	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





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Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

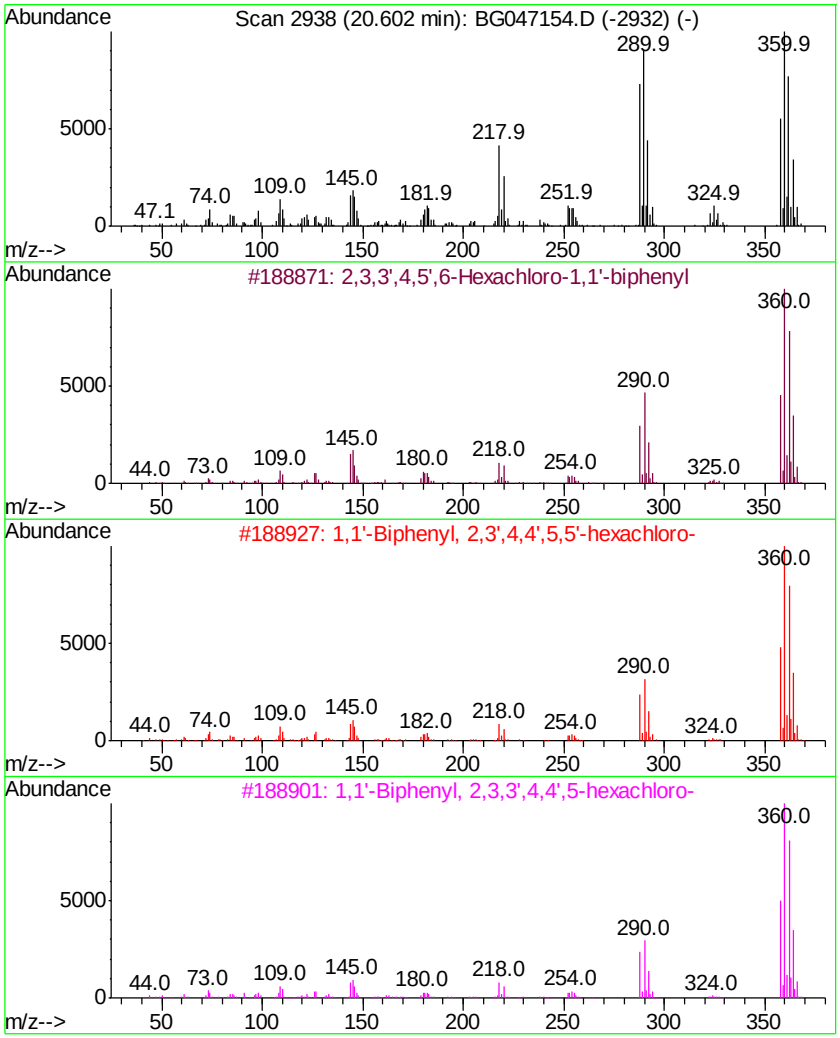
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

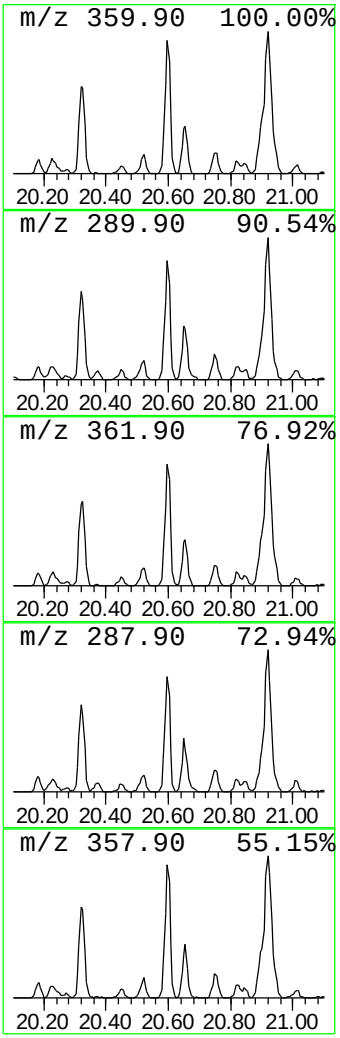
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	13.35 ng/ul	849437	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





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Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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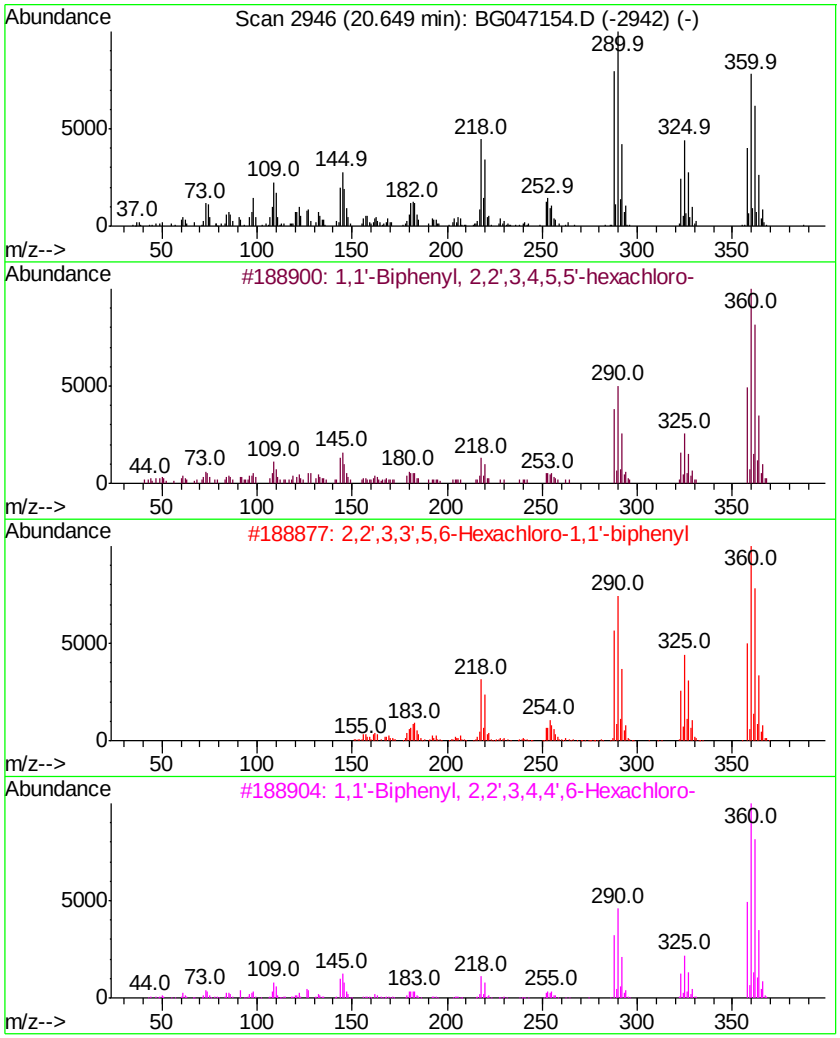
Quant Title : SVOA CALIBRATION

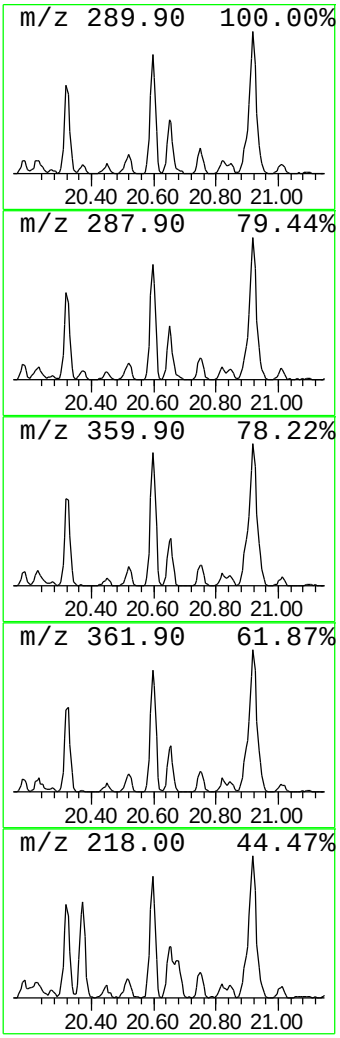
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	6.70 ng/ul	425969	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	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





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Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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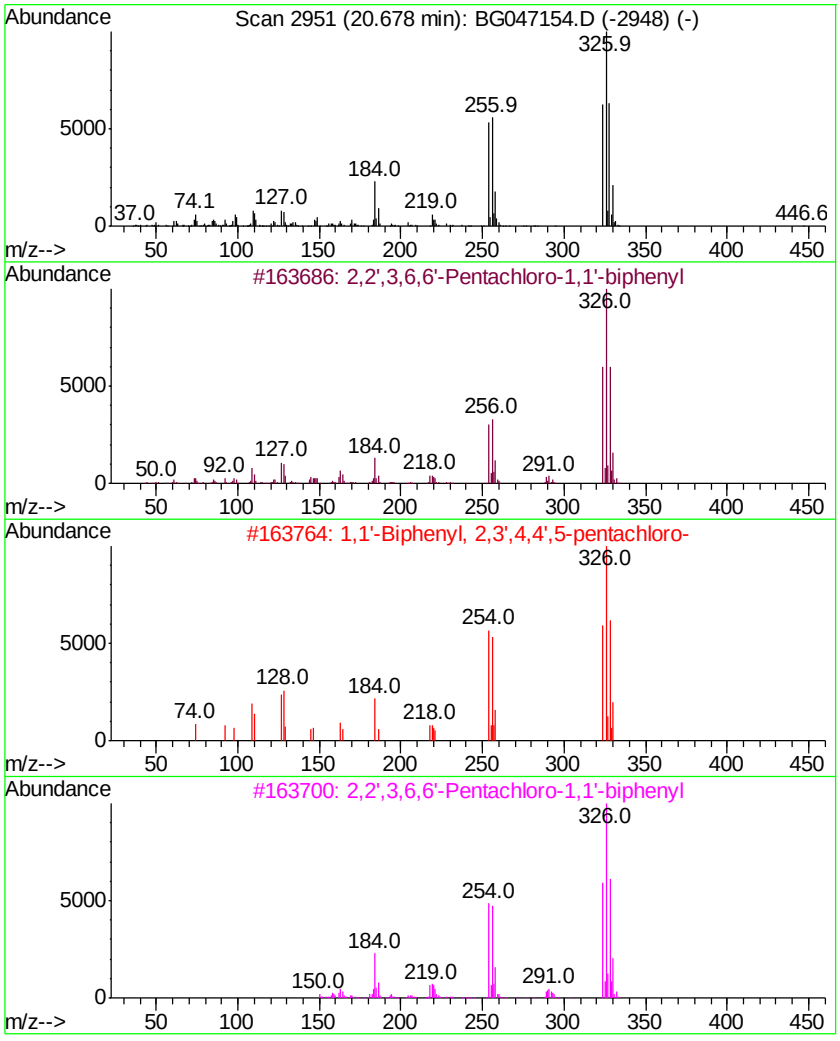
Quant Title : SVOA CALIBRATION

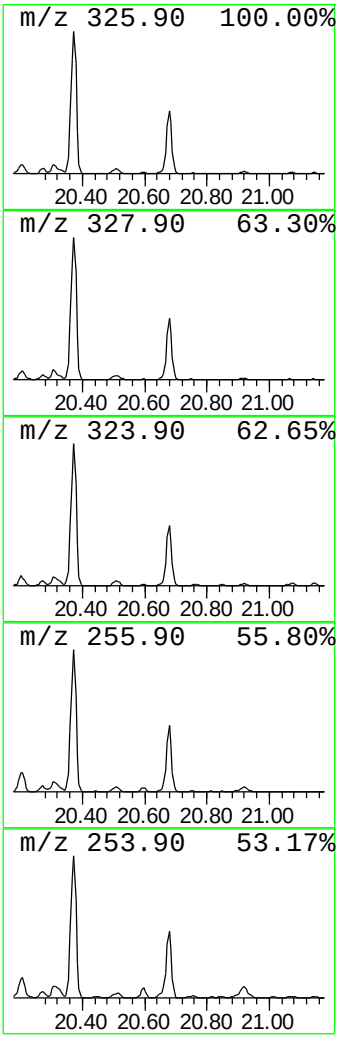
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	11.57 ng/ul	736208	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	94
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	94
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	94





Library Search Compound Report

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Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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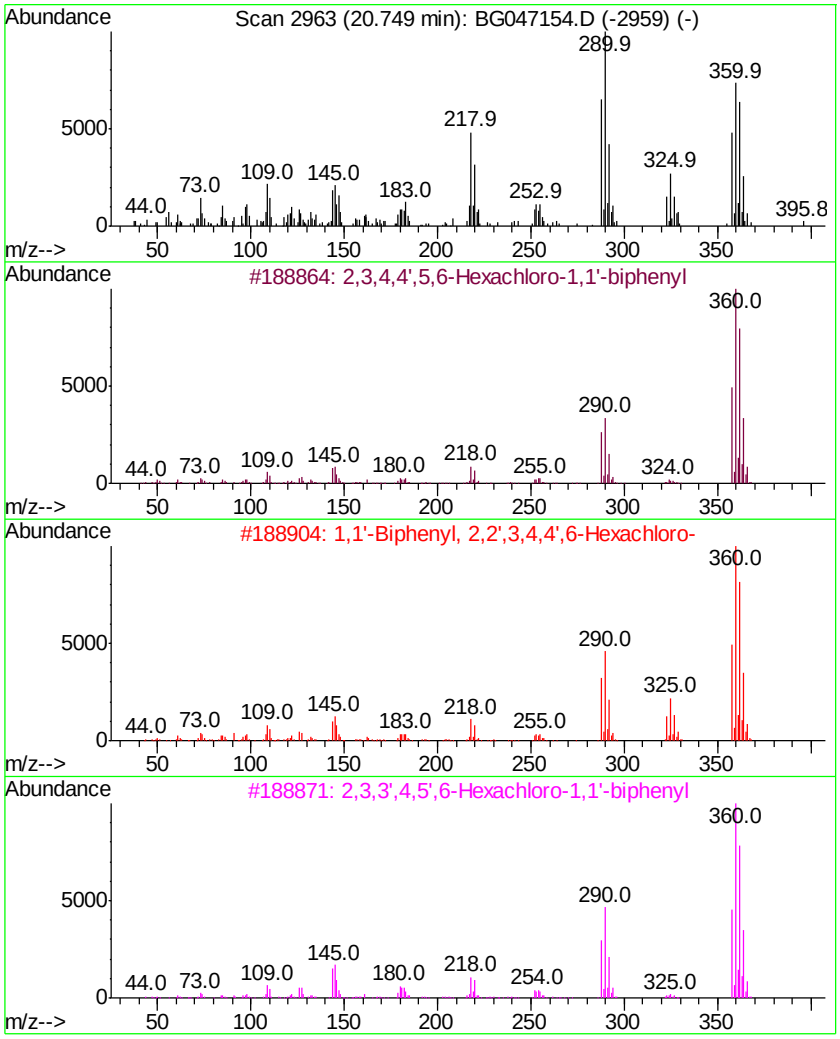
Quant Title : SVOA CALIBRATION

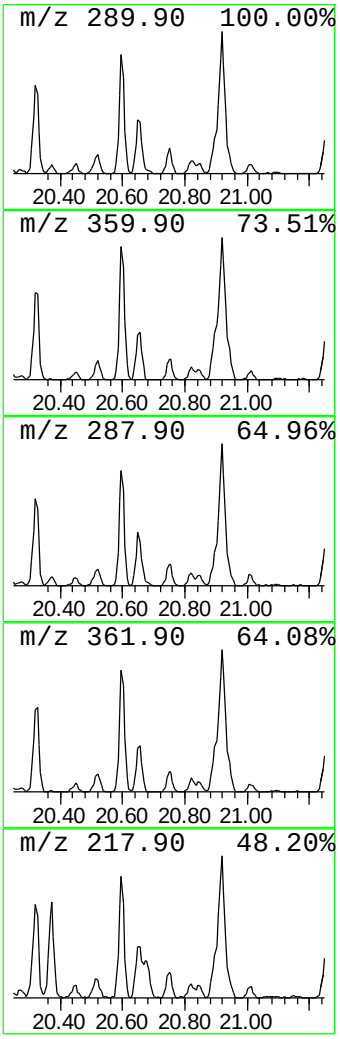
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	3.67 ng/ul	233779	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, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	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',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





Library Search Compound Report

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Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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

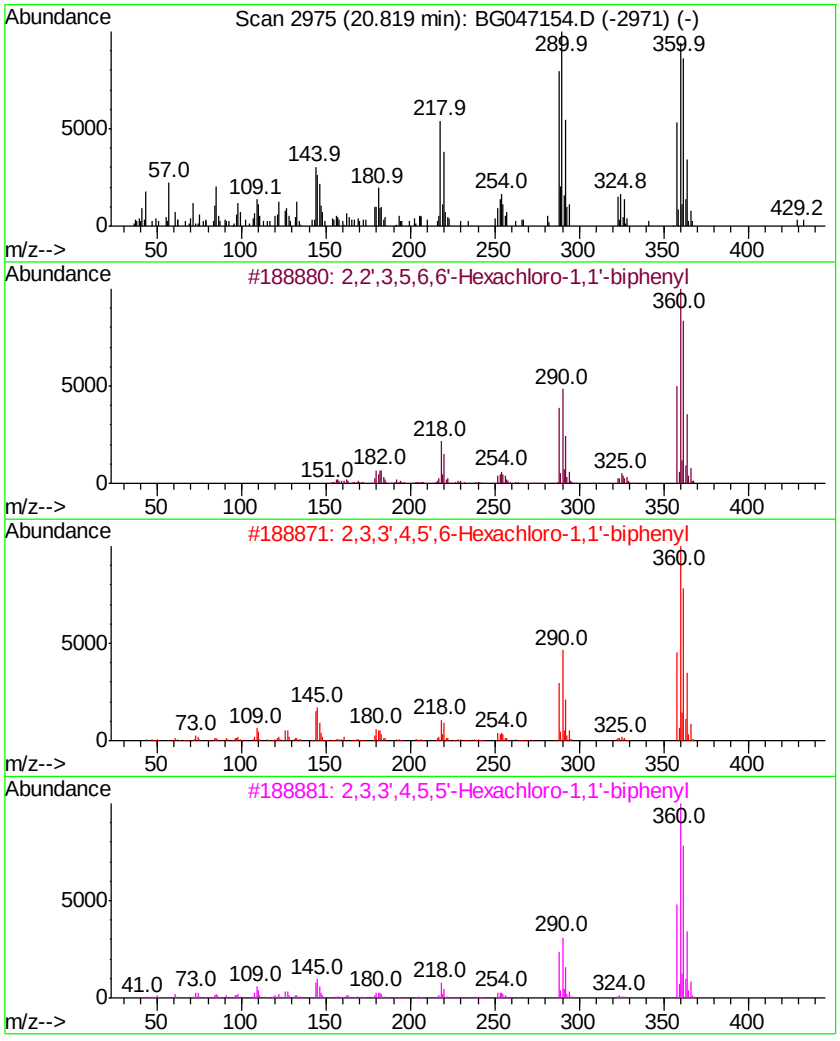
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

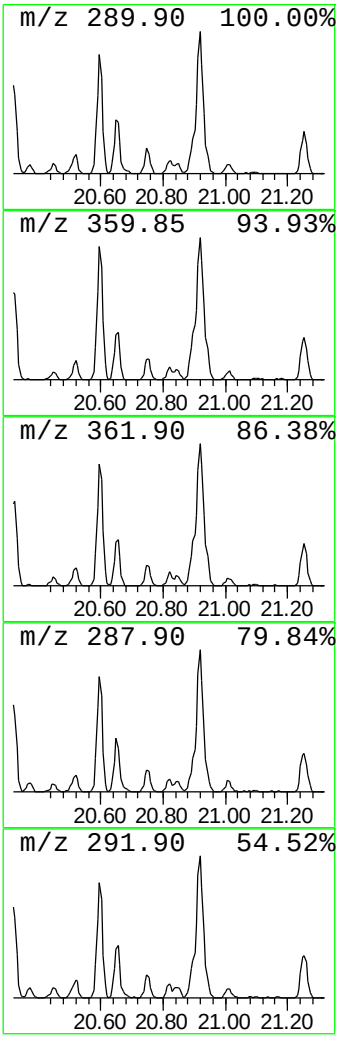
****

Peak Number 25 2,2',3,5,6,6'-Hexachloro-1,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.17 ng/ul	137773	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',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	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	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





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Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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

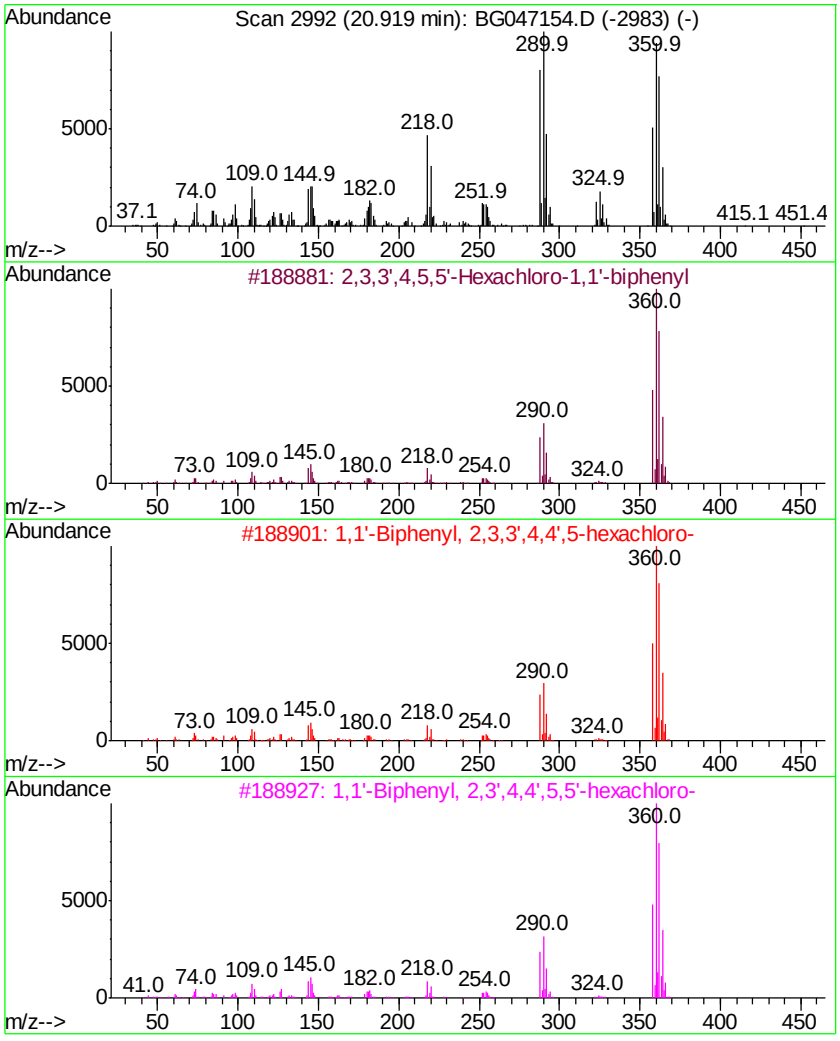
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

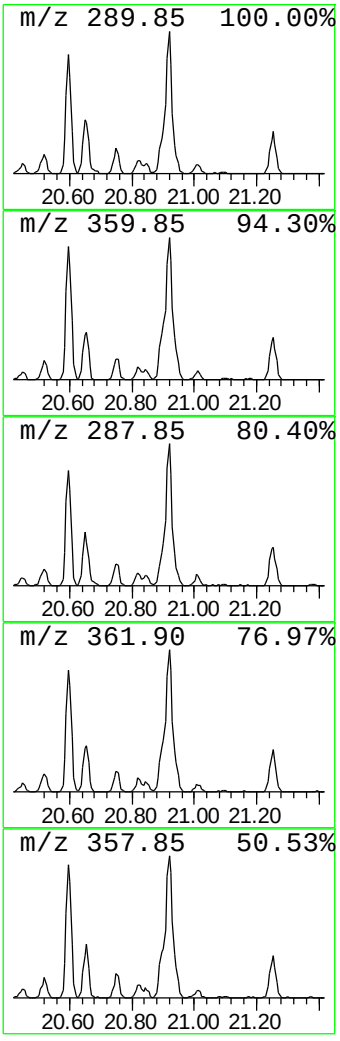
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	23.88 ng/ul	1518960	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	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	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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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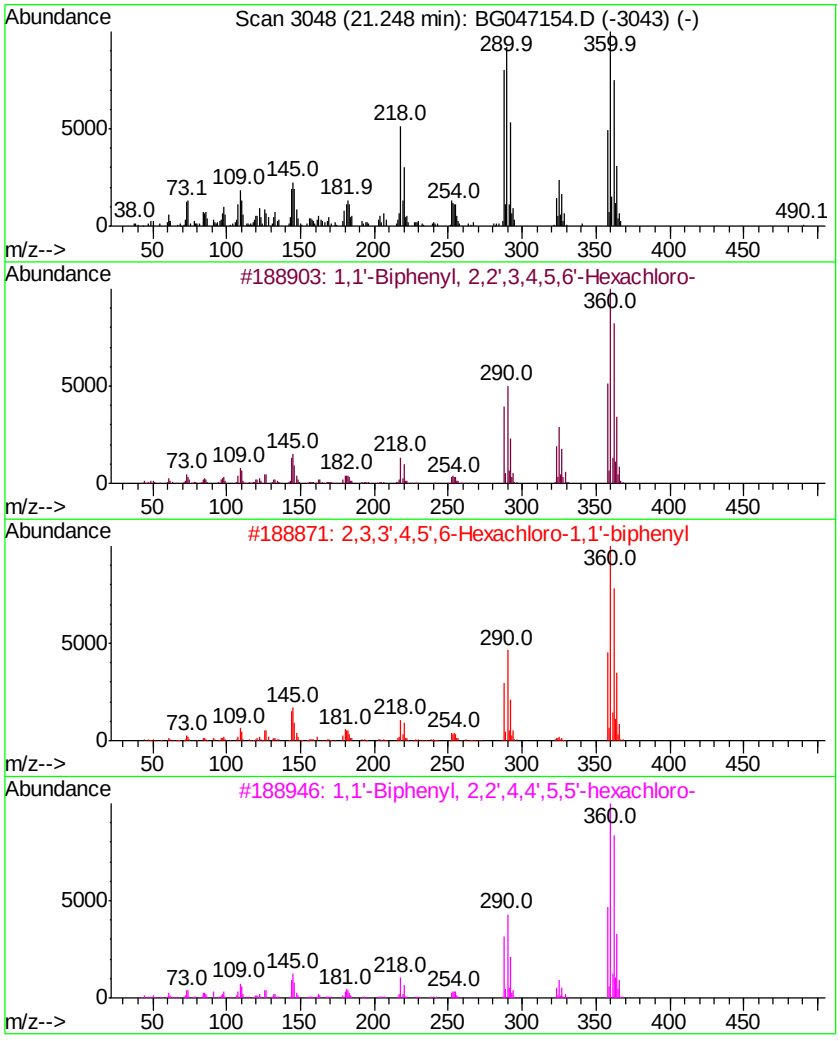
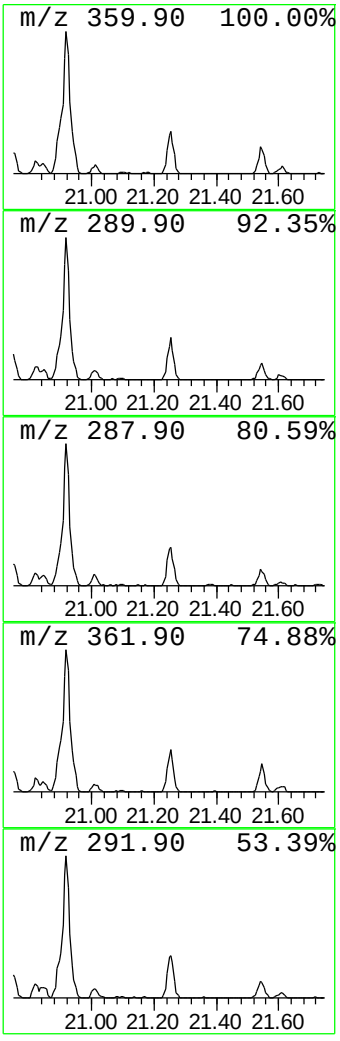
Peak Number 27 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	5.90 ng/ul	375489	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

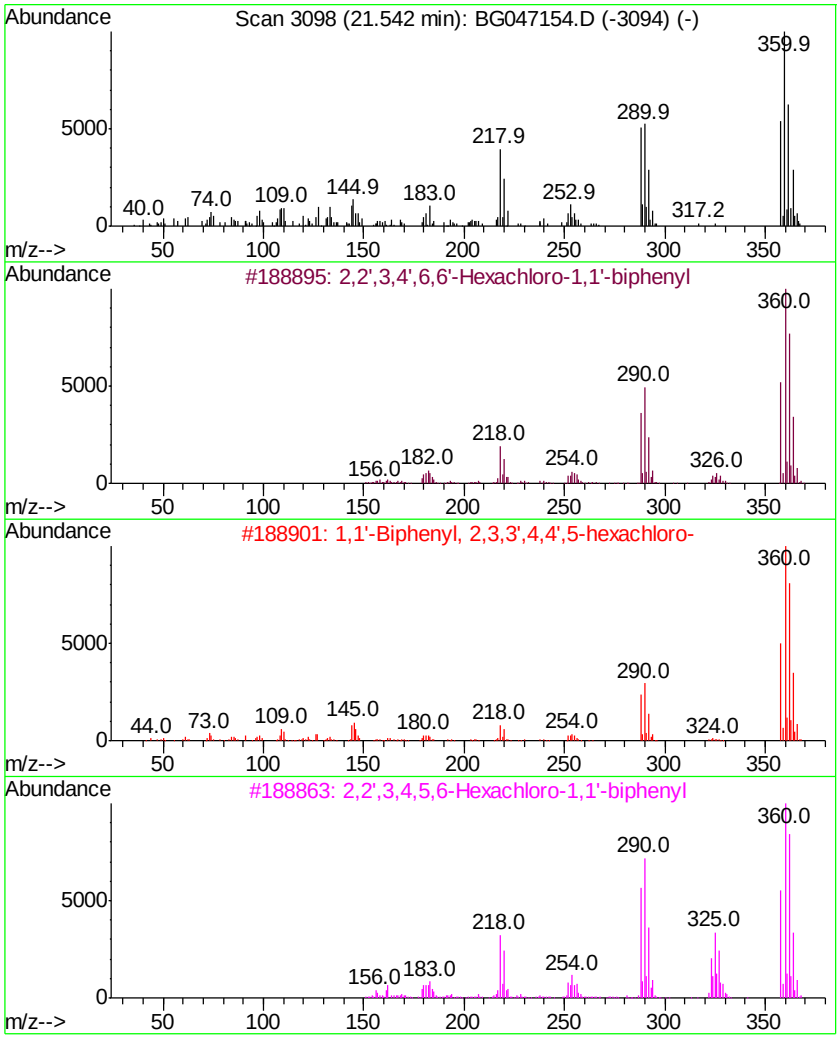
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

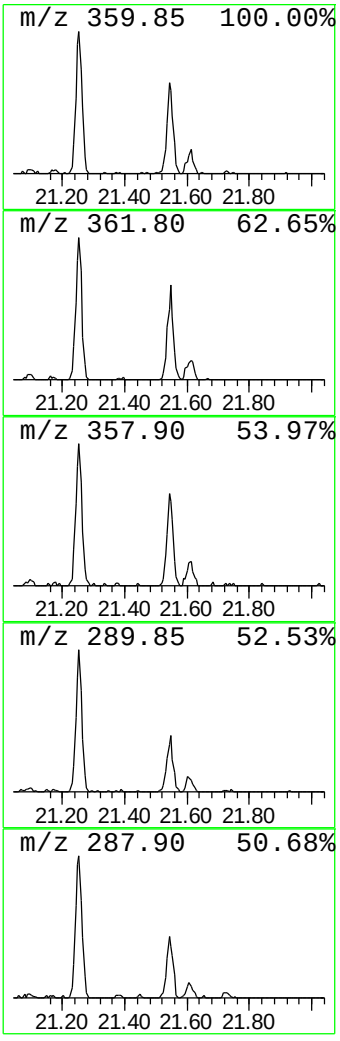
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2,2',3,4',6,6'-Hexachloro-1... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.83 ng/ul	180136	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	97
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	97
3	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	96
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	96
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

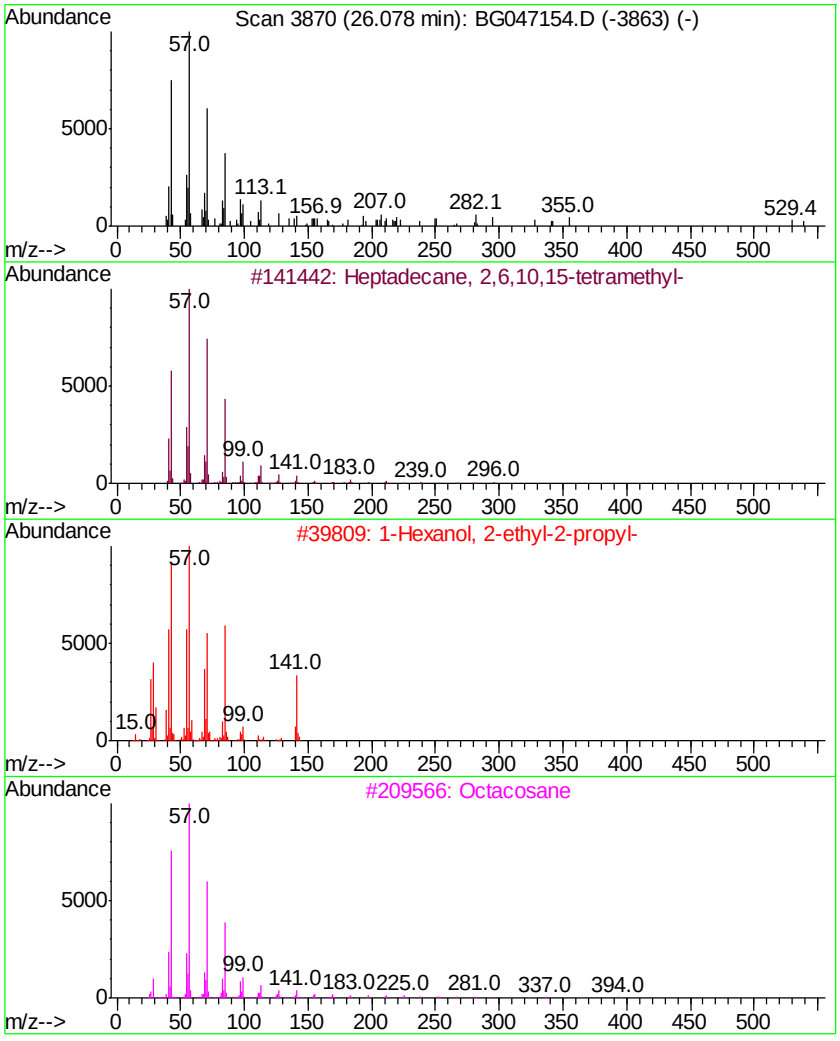
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

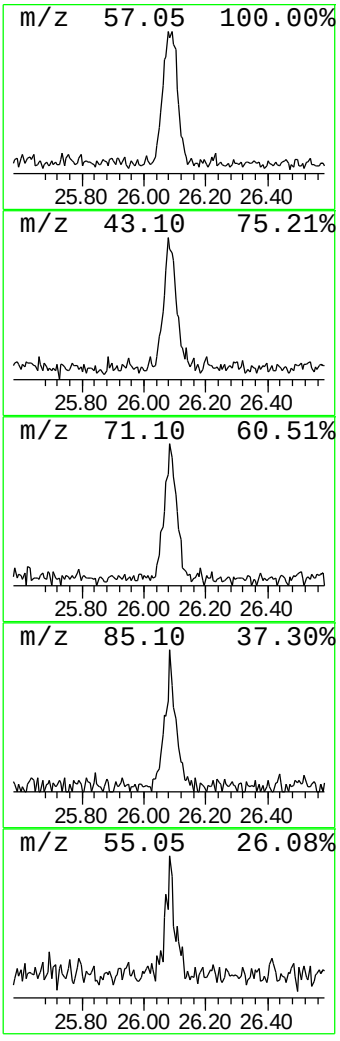
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.08	2.39 ng/ul	109588	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2	1-Hexanol, 2-ethyl-2-propyl-	172	C11H24O	054461-00-6	59
3	Octacosane	394	C28H58	000630-02-4	58
4	Pentadecane	212	C15H32	000629-62-9	53
5	Sulfurous acid, pentyl tetradecy...	348	C19H40O3S	1000309-14-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047154.D
Acq On : 30 Oct 2020 14:52
Operator : CG/JU
Sample : L4505-21
Misc : GCMS CONFIRMATION
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ1

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	32.1	ng/ul	604033	1	8.05	375732	20.0
2,2',3,6-Tetrachl...	18.49	18.3	ng/ul	910476	4	17.43	994715	20.0
2,2',4,5-Tetrachl...	18.56	4.3	ng/ul	212775	4	17.43	994715	20.0
1,1'-Biphenyl, 2,...	18.78	8.1	ng/ul	402178	4	17.43	994715	20.0
2,3',4,5'-Tetrach...	18.95	2.5	ng/ul	123275	4	17.43	994715	20.0
Biphenyl, 2,4,4',...	19.26	3.5	ng/ul	174799	4	17.43	994715	20.0
1,1'-Biphenyl, 2,...	19.34	33.5	ng/ul	1665130	4	17.43	994715	20.0
1,1'-Biphenyl, 2,...	19.42	4.0	ng/ul	197337	4	17.43	994715	20.0
2,2',3,5,6'-Penta...	19.54	7.7	ng/ul	380544	4	17.43	994715	20.0
1,1'-Biphenyl, 2,...	19.61	31.6	ng/ul	2013160	5	21.70	1272300	20.0
2,3,3',4',5'- Pen...	19.68	11.2	ng/ul	710780	5	21.70	1272300	20.0
1,1'-Biphenyl, 2,...	19.87	8.2	ng/ul	519301	5	21.70	1272300	20.0
1,1'-Biphenyl, 2,...	19.96	13.9	ng/ul	882563	5	21.70	1272300	20.0
3,3',4,4,',5-Pent...	20.00	4.7	ng/ul	296129	5	21.70	1272300	20.0
1,1'-Biphenyl, 2,...	20.06	30.6	ng/ul	1946840	5	21.70	1272300	20.0
2,2',3,4,5,6-Hexa...	20.18	2.1	ng/ul	132739	5	21.70	1272300	20.0
1,1'-Biphenyl, 2,...	20.20	4.1	ng/ul	262085	5	21.70	1272300	20.0
2,2',3,4',5,6'-He...	20.32	12.2	ng/ul	773499	5	21.70	1272300	20.0
1,1'-Biphenyl, 2'...	20.37	26.2	ng/ul	1665430	5	21.70	1272300	20.0
1,1'-Biphenyl, 2,...	20.52	3.5	ng/ul	225527	5	21.70	1272300	20.0
1,1'-Biphenyl, 2,...	20.60	13.4	ng/ul	849437	5	21.70	1272300	20.0
1,1'-Biphenyl, 2,...	20.65	6.7	ng/ul	425969	5	21.70	1272300	20.0
2,2',3,6,6'-Penta...	20.68	11.6	ng/ul	736208	5	21.70	1272300	20.0
2,3,4,4',5,6-Hexa...	20.75	3.7	ng/ul	233779	5	21.70	1272300	20.0
2,2',3,5,6,6'-Hex...	20.82	2.2	ng/ul	137773	5	21.70	1272300	20.0
2,3,3',4,5,5'-Hex...	20.92	23.9	ng/ul	1518960	5	21.70	1272300	20.0
1,1'-Biphenyl, 2,...	21.25	5.9	ng/ul	375489	5	21.70	1272300	20.0
2,2',3,4',6,6'-He...	21.54	2.8	ng/ul	180136	5	21.70	1272300	20.0
(DEL) Alkane: Str...	26.08	2.4	ng/ul	109588	6	24.93	917931	20.0