LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

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	3.390	4	9	18	rVB	407906	480244	42.81%	4.771%
2	3.484	23	25	28	rBV2	1240	1457	0.13%	0.014%
3	3.737	64	68	72	rVB3	10803	14660	1.31%	0.146%
4	3.831	82	84	86	rBV	2023	1299	0.12%	0.013%
5	3.966	102	107	112	rBV2	1680	3502	0.31%	0.035%
6	4.119	129	133	140	rVB4	5027	9273	0.83%	0.092%
7	4.219	146	150	153	rVB2	4777	6316	0.56%	0.063%
8	4.512	198	200	203	rBV	1199	1303	0.12%	0.013%
9	5.317	336	337	340	rBV	1119	1353	0.12%	0.013%
10	5.453	357	360	363	rBV	833	1322	0.12%	0.013%
11	5.500	365	368	370	rBV	1190	1288	0.11%	0.013%
12	6.011	450	455	459	rBV2	944	1711	0.15%	0.017%
13	6.369	513	516	519	rBV	939	1449	0.13%	0.014%
14	6.404	519	522	526	rVB2	1312	2062	0.18%	0.020%
15	6.510	537	540	542	rVB	1503	1353	0.12%	0.013%
16	6.921	607	610	613	rBV2	1431	1384	0.12%	0.014%
17	8.049	795	802	811	rBV	202378	349159	31.13%	3.469%
18	8.478	872	875	878	rBV2	1241	1751	0.16%	0.017%
19	8.749	919	921	924	rBV	1150	1304	0.12%	0.013%
20	8.849	937	938	943	rBV	1177	1380	0.12%	0.014%
21	10.217	1169	1171	1174	rBV	1012	1434	0.13%	0.014%
22	10.864	1273	1281	1294	rBV	266019	466676	41.60%	4.636%
23	10.964	1297	1298	1300	rBV	1745	1307	0.12%	0.013%
24	11.116	1319	1324	1326	rBV	1209	1672	0.15%	0.017%
25	11.281	1348	1352	1355	rVB	1124	1551	0.14%	0.015%
26	12.203	1505	1509	1510	rBV2	1072	1401	0.12%	0.014%
27	12.832	1613	1616	1619	rVB2	1283	1939	0.17%	0.019%
28	13.179	1670	1675	1678	rBV	886	1832	0.16%	0.018%
29	14.213	1847	1851	1855	rBV2	765	1502	0.13%	0.015%
30	14.442	1888	1890	1894	rVB	1921	1906	0.17%	0.019%
31	14.518	1897	1903	1904	rBV2	1373	1746	0.16%	0.017%
32	14.683	1923	1931	1939	rBV2	472434	728271	64.92%	7.235%
33	16.504	2239	2241	2244	rVB	1259	1586	0.14%	0.016%
34	16.610	2255	2259	2260	rBV2	1157	1397	0.12%	0.014%

LSC Area Percent Report

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Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

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	17.168	2352	2354	2360	rBV4	2624	4079	0.36%	0.041%
36	17.215	2360	2362	2366	rBV2	2417	2714	0.24%	0.027%
37	17.309	2375	2378	2381	rVB2	1548	2276	0.20%	0.023%
38	17.427	2392	2398	2410	rBV	606580	929526	82.86%	9.235%
39	17.603	2426	2428	2432	rBV3	1588	1801	0.16%	0.018%
40	17.867	2471	2473	2476	rVB2	1714	1586	0.14%	0.016%
41	17.914	2476	2481	2483	rBV3	1951	2582	0.23%	0.026%
42	17.950	2485	2487	2489	rVV2	1959	2312	0.21%	0.023%
43	18.026	2492	2500	2507	rVB6	9640	20884	1.86%	0.207%
44	18.085	2507	2510	2515	rBV2	2849	3325	0.30%	0.033%
45	18.138	2515	2519	2522	rBV3	2590	3796	0.34%	0.038%
46	18.285	2540	2544	2547	rBV4	2985	3987	0.36%	0.040%
47	18.490	2574	2579	2585	rBV	107182	149528	13.33%	1.486%
48	18.549	2585	2589	2593	rVV4	27112	37694	3.36%	0.374%
49	18.602	2593	2598	2602	rVB5	12573	17934	1.60%	0.178%
50	18.649	2602	2606	2607	rBV2	1772	1832	0.16%	0.018%
51	18.731	2618	2620	2621	rBV3	2713	1639	0.15%	0.016%
52	18.772	2623	2627	2633	rVV3	51059	67867	6.05%	0.674%
53	18.884	2643	2646	2648	rBV4	3238	4033	0.36%	0.040%
54	18.913	2648	2651	2653	rVV3	7024	8197	0.73%	0.081%
55	18.948	2654	2657	2661	rVV3	19199	24835	2.21%	0.247%
56	19.007	2665	2667	2668	rBV2	3062	1789	0.16%	0.018%
57	19.084	2679	2680	2682	rBV2	2560	1479	0.13%	0.015%
58	19.136	2686	2689	2691	rVB3	2144	2284	0.20%	0.023%
59	19.195	2698	2699	2701	rBV	4339	1833	0.16%	0.018%
60	19.254	2706	2709	2713	rVV3	21140	29645	2.64%	0.295%
61	19.307	2713	2718	2719	rVV	72179	90321	8.05%	0.897%
62	19.330	2719	2722	2730	rVB2	189241	277191	24.71%	2.754%
63	19.418	2733	2737	2741	rVB5	27880	36622	3.26%	0.364%
64	19.471	2744	2746	2750	rVB2	4126	4516	0.40%	0.045%
65	19.536	2753	2757	2765	rBV5	45707	76645	6.83%	0.761%
66	19.612	2765	2770	2777	rVB	322917	421040	37.53%	4.183%
67	19.677	2777	2781	2785	rBV2	118489	143610	12.80%	1.427%
68	19.724	2785	2789	2793	rBV	114804	130530	11.64%	1.297%
69	19.800	2799	2802	2806	rBV	35896	46849	4.18%	0.465%
70	19.836	2806	2808	2811	rVV2	26776	31124	2.77%	0.309%
71	19.871	2811	2814	2819	rVV3	85921	113216	10.09%	1.125%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	19.947	2823	2827	2832	rVB	140044	189532	16.90%	1.883%
73	20.000	2832	2836	2839	rBV3	52683	61052	5.44%	0.607%
74	20.059	2839	2846	2851	rVB	305105	425127	37.90%	4.224%
75	20.141	2859	2860	2861	rVB	5412	1908	0.17%	0.019%
76	20.176	2862	2866	2867	rBV3	24543	26767	2.39%	0.266%
77	20.270	2879	2882	2884	rBV4	12389	12507	1.11%	0.124%
78	20.317	2885	2890	2894	rVV4	140244	208983	18.63%	2.076%
79	20.364	2894	2898	2906	rVB	283684	369029	32.90%	3.666%
80	20.447	2909	2912	2916	rVB6	15798	19630	1.75%	0.195%
81	20.511	2918	2923	2928	rVB8	33533	52436	4.67%	0.521%
82	20.594	2932	2937	2942	rBV	175655	215584	19.22%	2.142%
83	20.646	2942	2946	2948	rBV2	85764	113271	10.10%	1.125%
84	20.676	2948	2951	2956	rVB	123552	154412	13.77%	1.534%
85	20.758	2959	2965	2969	rBV2	113593	159683	14.24%	1.586%
86	20.829	2972	2977	2984	rVV3	64126	113413	10.11%	1.127%
87	20.917	2984	2992	3000	rVB	205889	369734	32.96%	3.673%
88	21.246	3044	3048	3054	rVB3	64284	91632	8.17%	0.910%
89	21.334	3059	3063	3067	rBV2	47819	55875	4.98%	0.555%
90	21.545	3094	3099	3102	rVB7	26917	41443	3.69%	0.412%
91	21.692	3118	3124	3135	rBV	649122	1121737	100.00%	11.144%
92	21.880	3152	3156	3161	rVB	61958	84704	7.55%	0.842%
93	22.491	3256	3260	3265	rVB	46495	69911	6.23%	0.695%
94	23.185	3375	3378	3384	rVB2	50699	75704	6.75%	0.752%
95	23.990	3510	3515	3523	rVB2	53171	112033	9.99%	1.113%
96	24.924	3665	3674	3686	rVB	395131	1120637	99.90%	11.133%

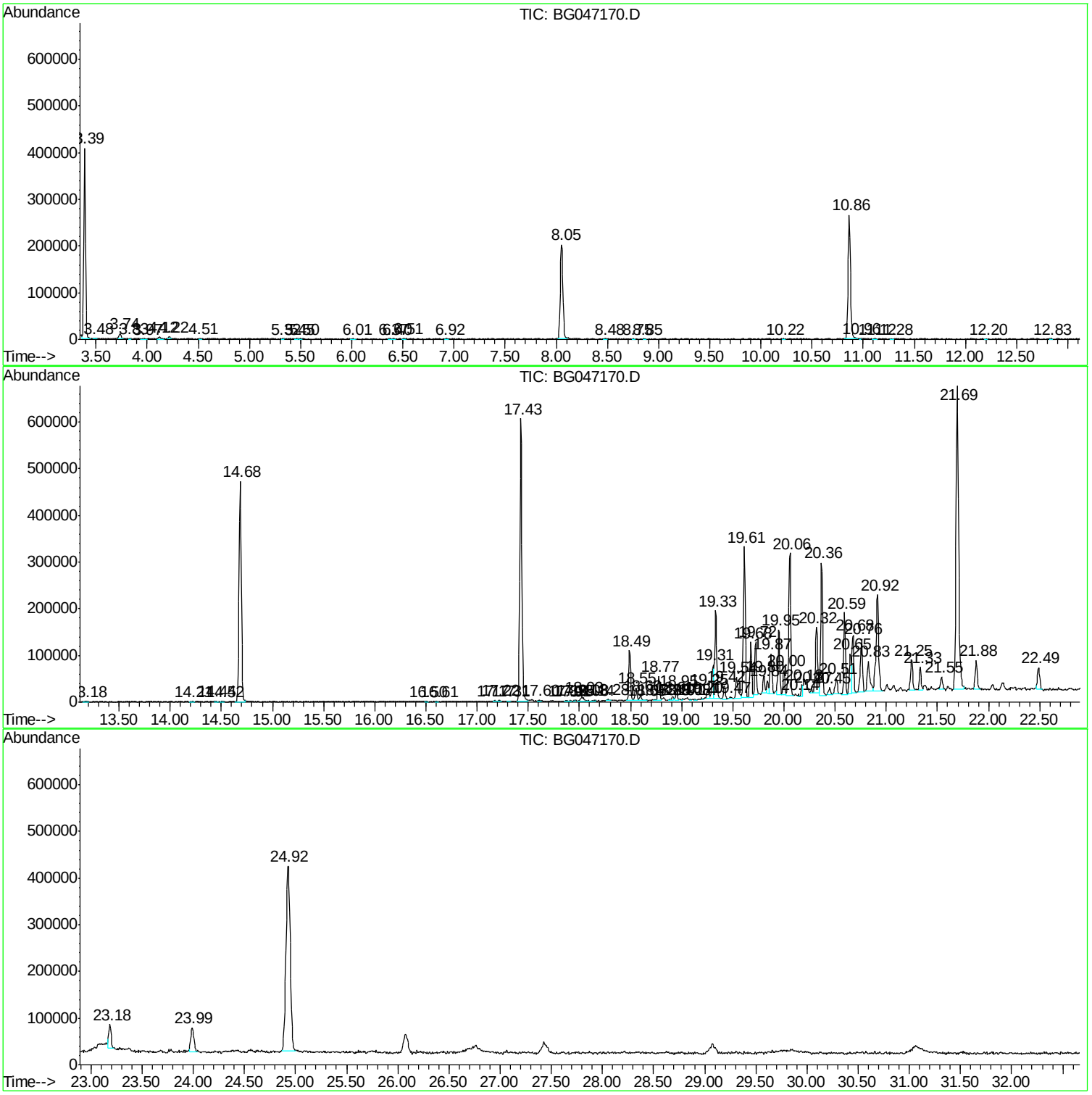
Sum of corrected areas: 10065655

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BL8

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

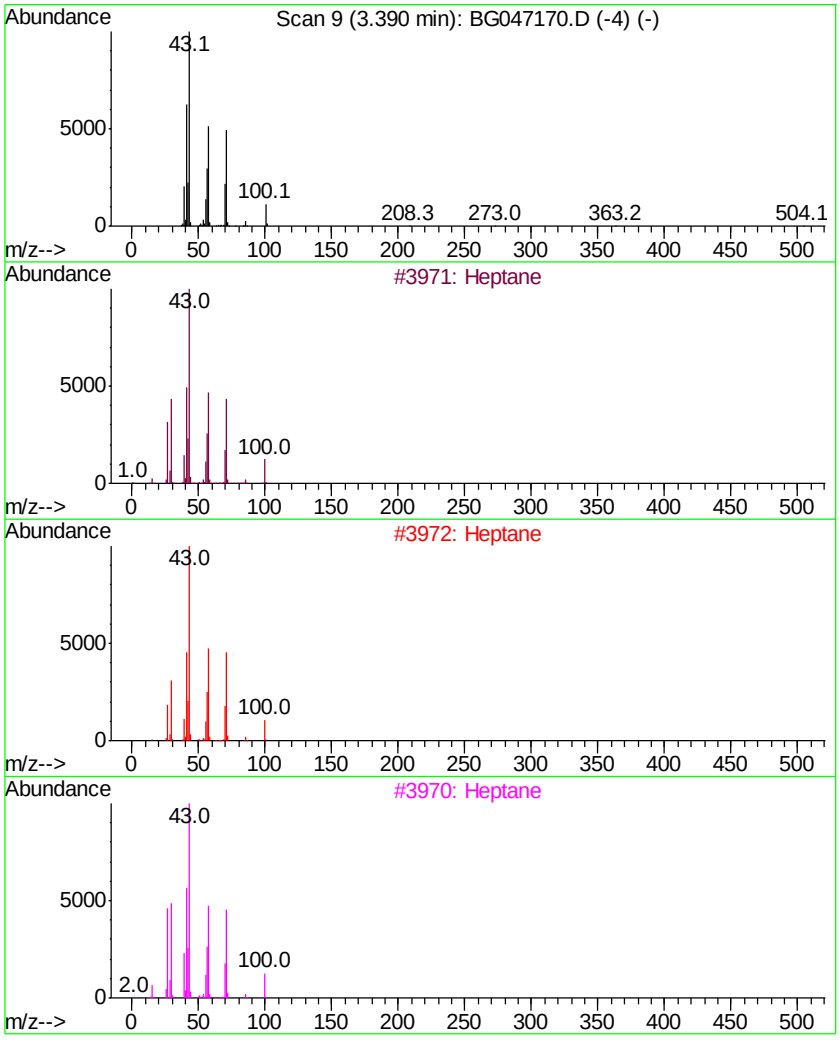
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

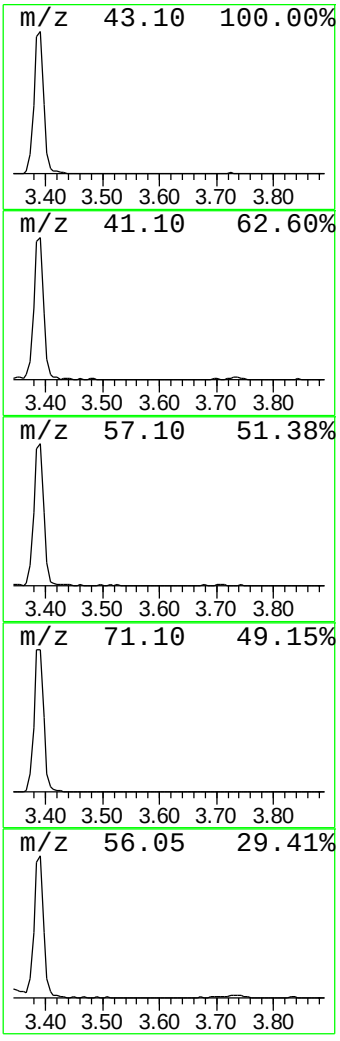
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	27.51 ng/ul	480244	1,4-Dichlorobenzene-d4	8.05

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	83
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

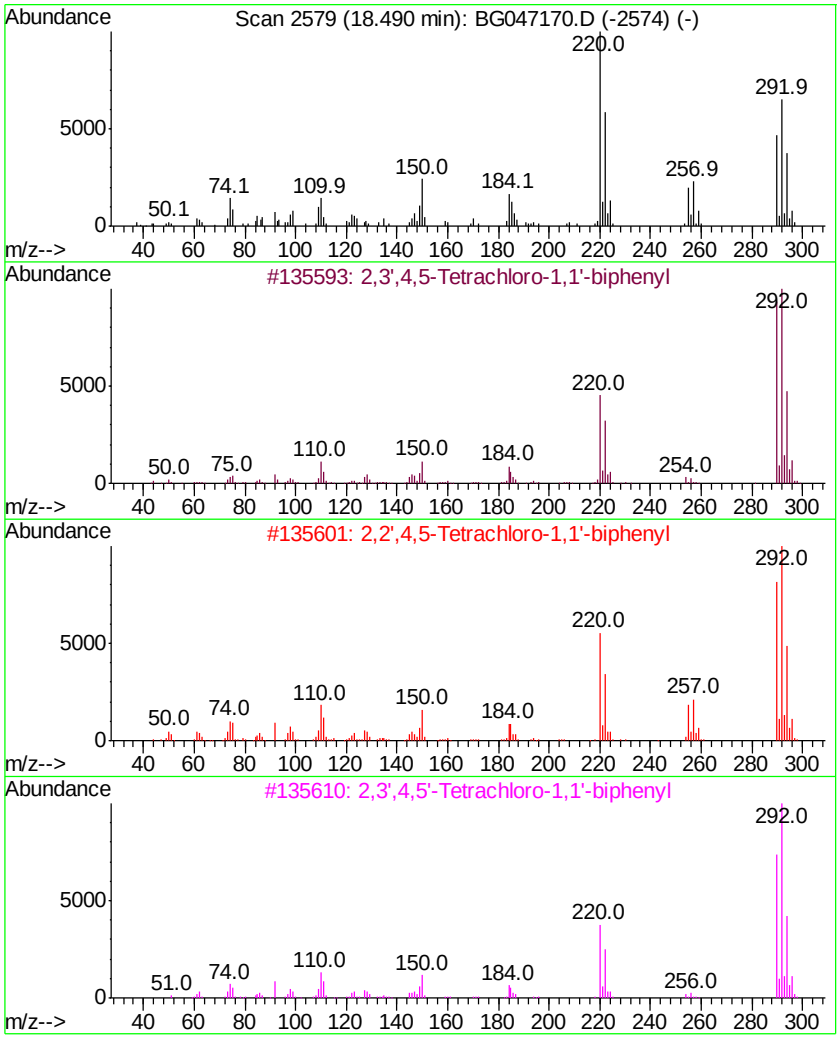
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

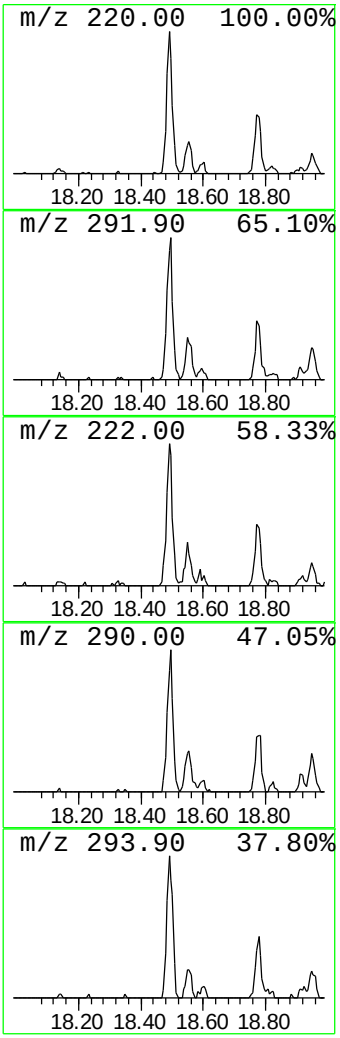
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.22 ng/ul	149528	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	95
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	94
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	94
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

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

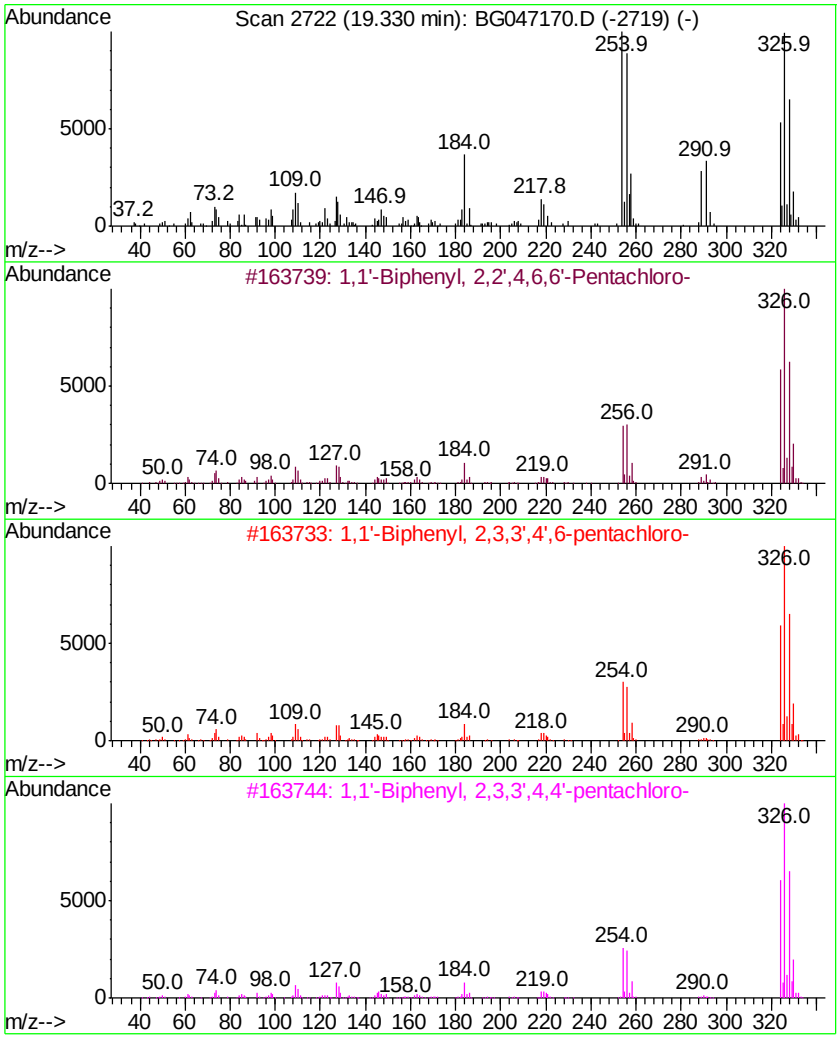
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

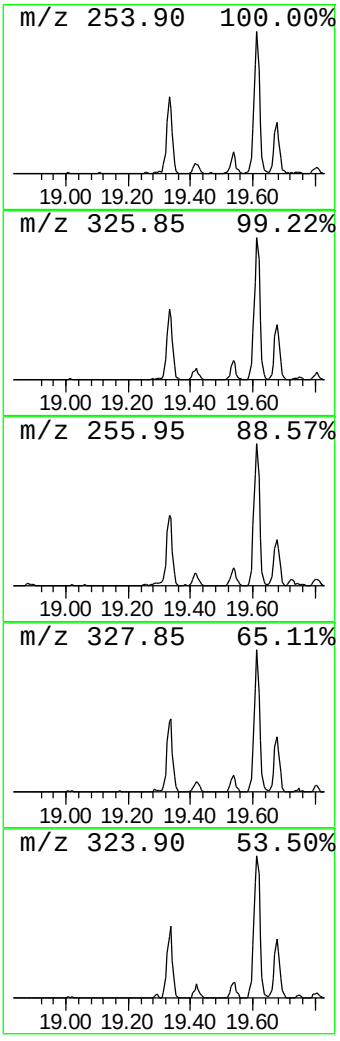
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	5.96 ng/ul	277191	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	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	97
4	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	97
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

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

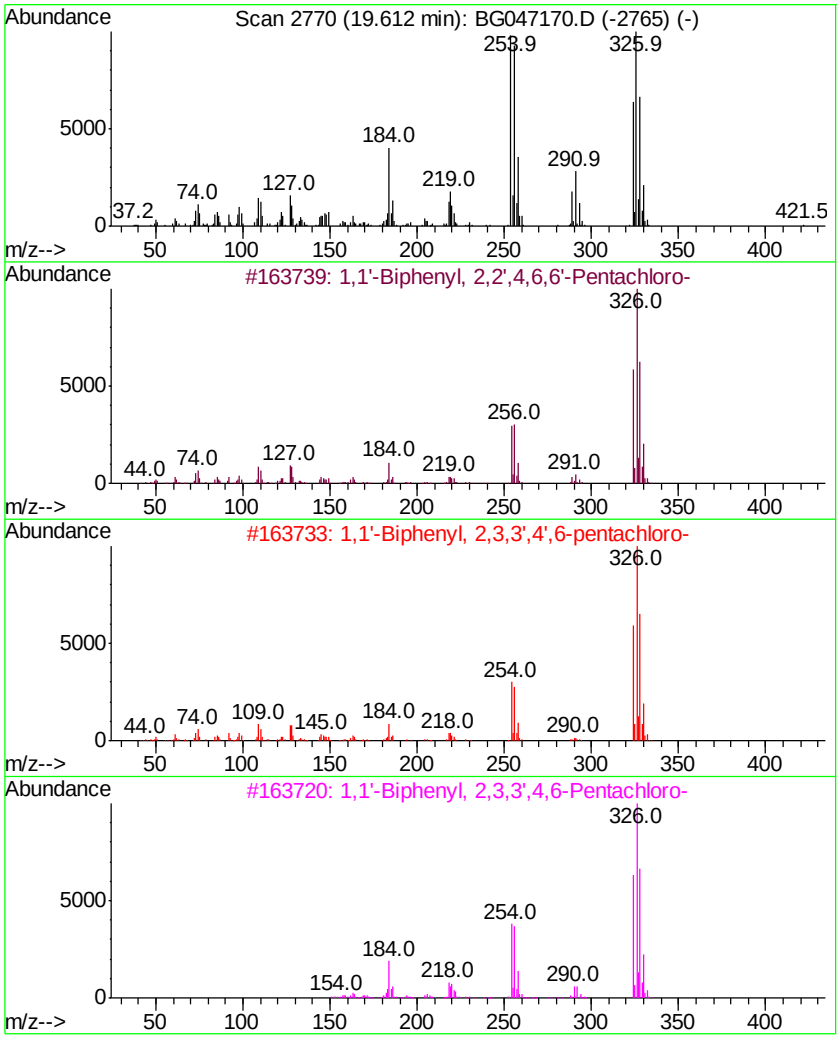
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

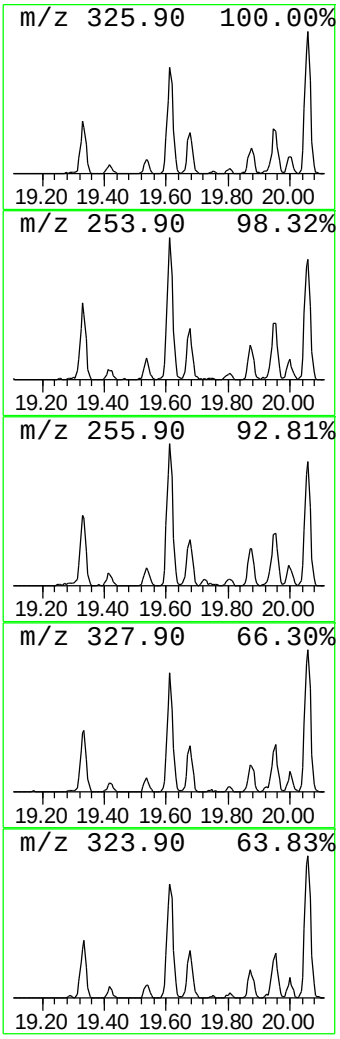
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	7.51 ng/ul	421040	Chrysene-d12	21.69

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	97
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96





Library Search Compound Report

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Acq On : 31 Oct 2020 1:40
Operator : CG/JU
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Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

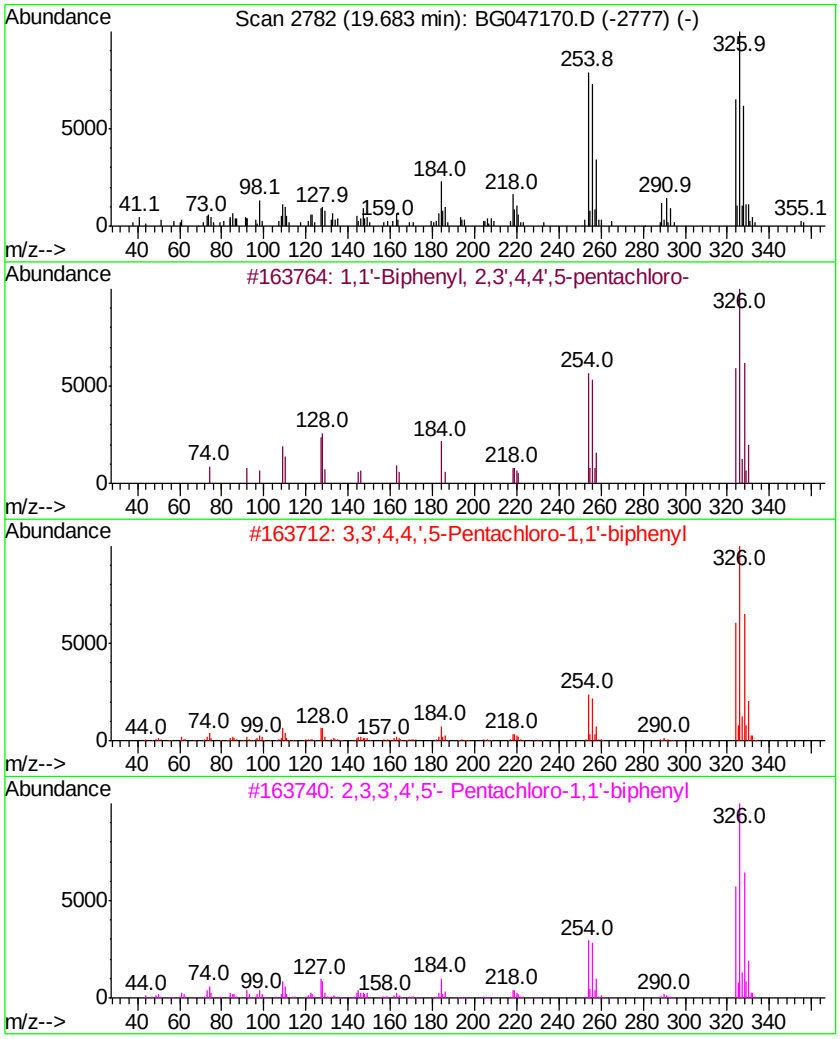
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

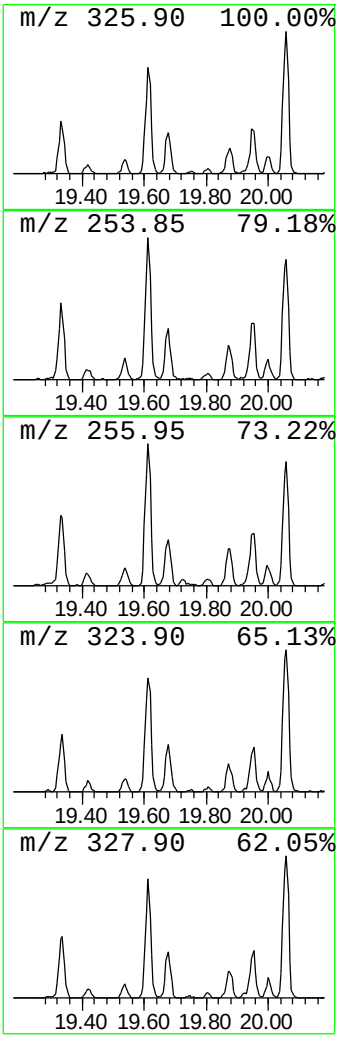
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.56 ng/ul	143610	Chrysene-d12	21.69

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	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	98
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96





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Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

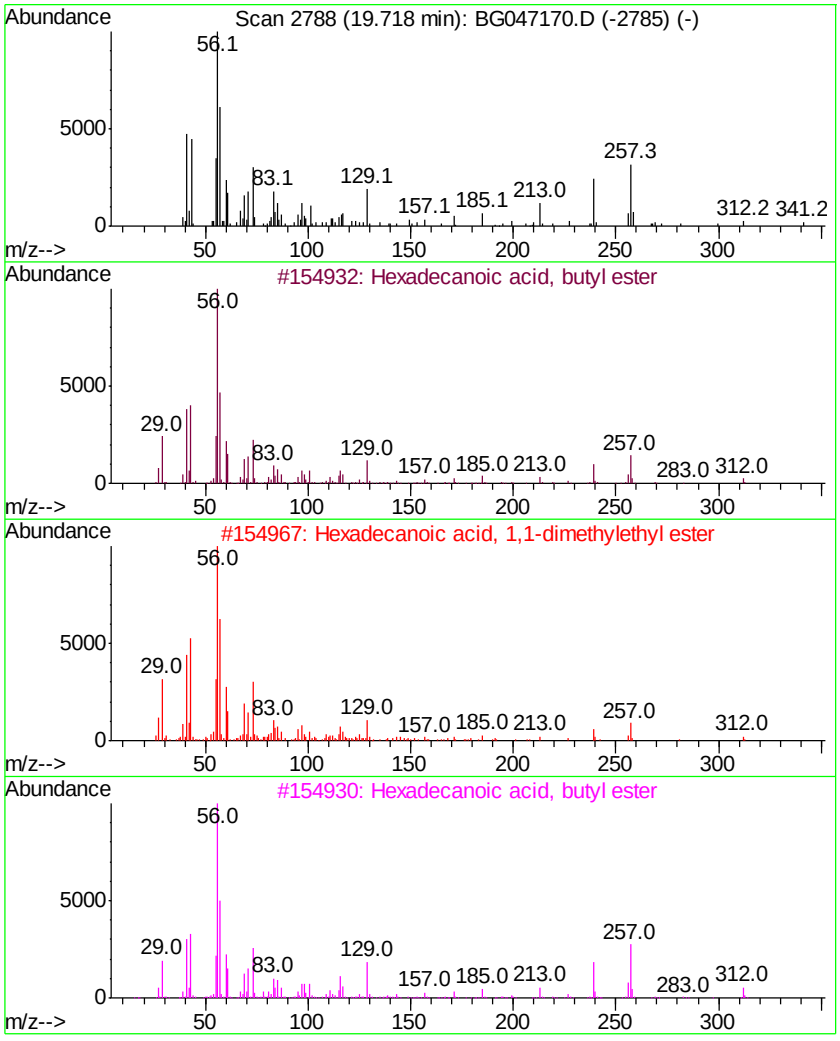
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

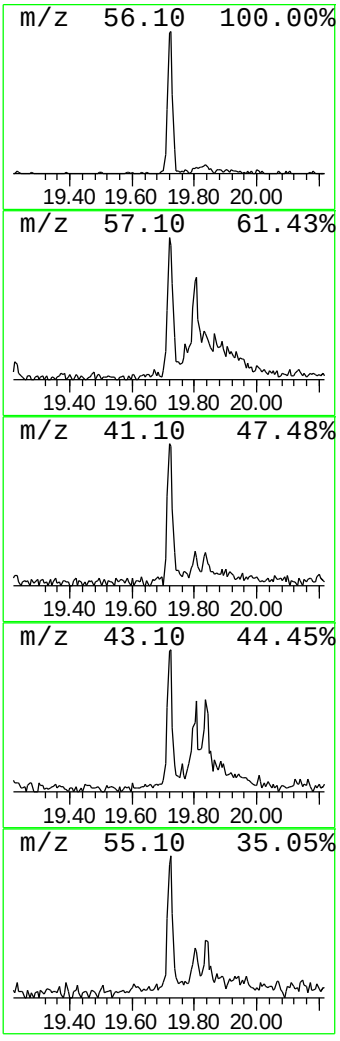
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.33 ng/ul	130530	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	74
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	70
5	Nipecotic acid	129	C6H11NO2	000498-95-3	32





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Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

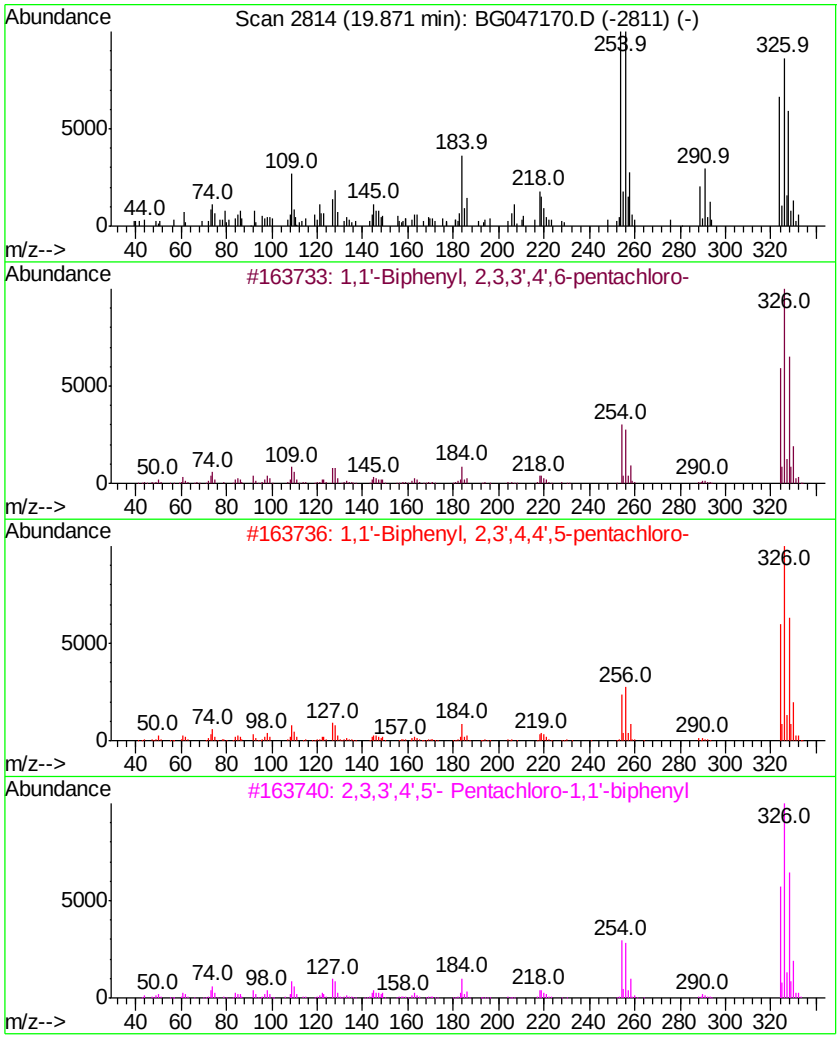
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

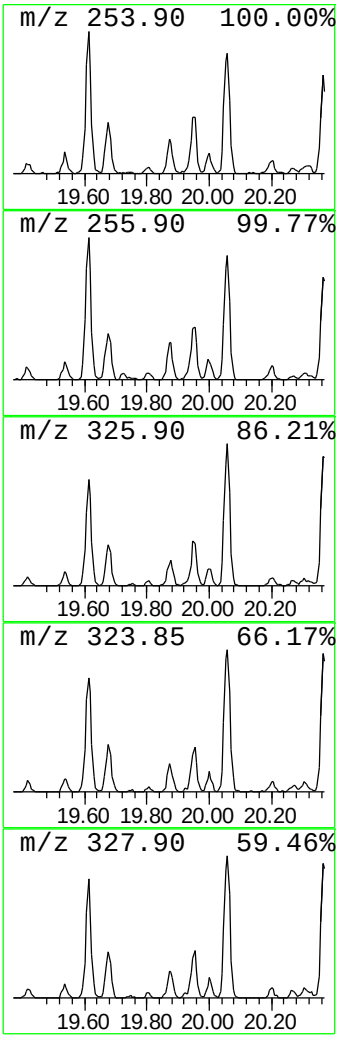
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.02 ng/ul	113216	Chrysene-d12	21.69

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	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





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Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

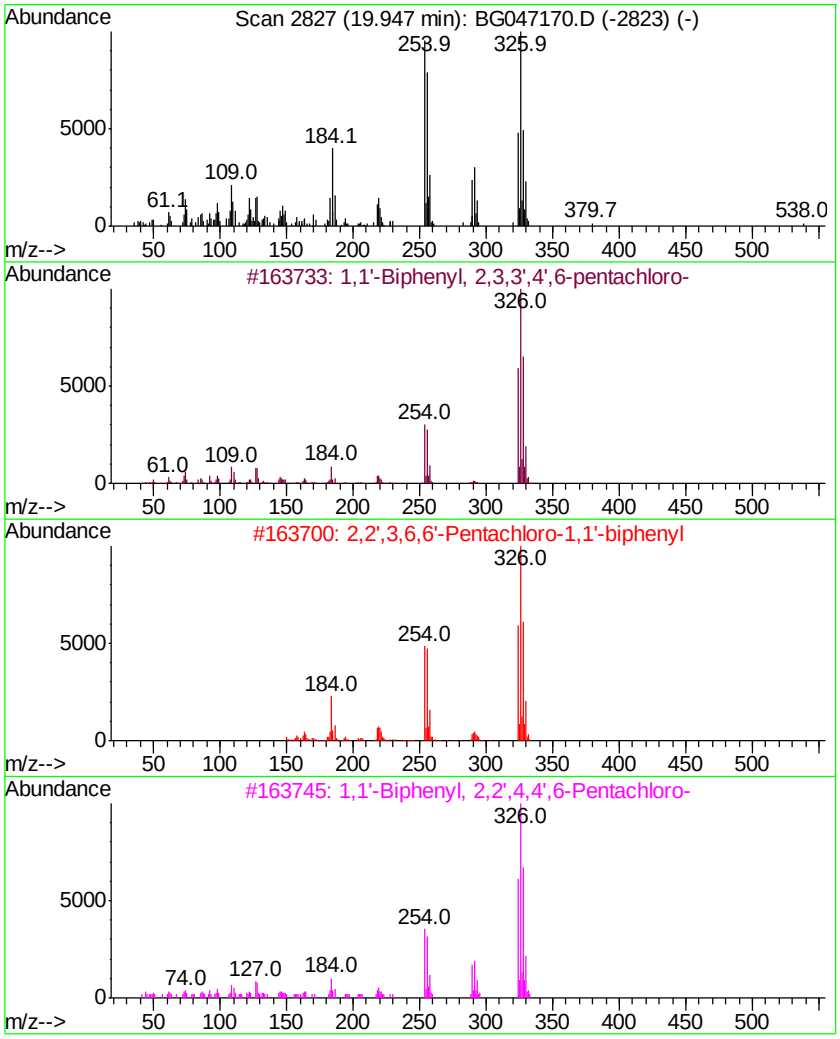
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

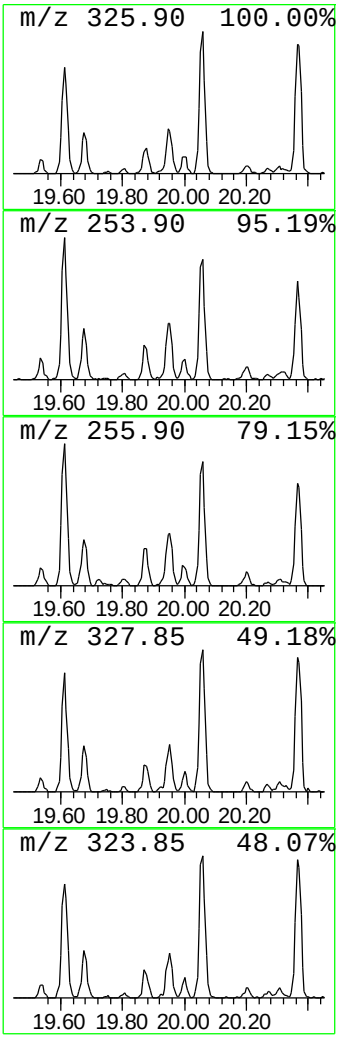
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	3.38 ng/ul	189532	Chrysene-d12	21.69

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',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98





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Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

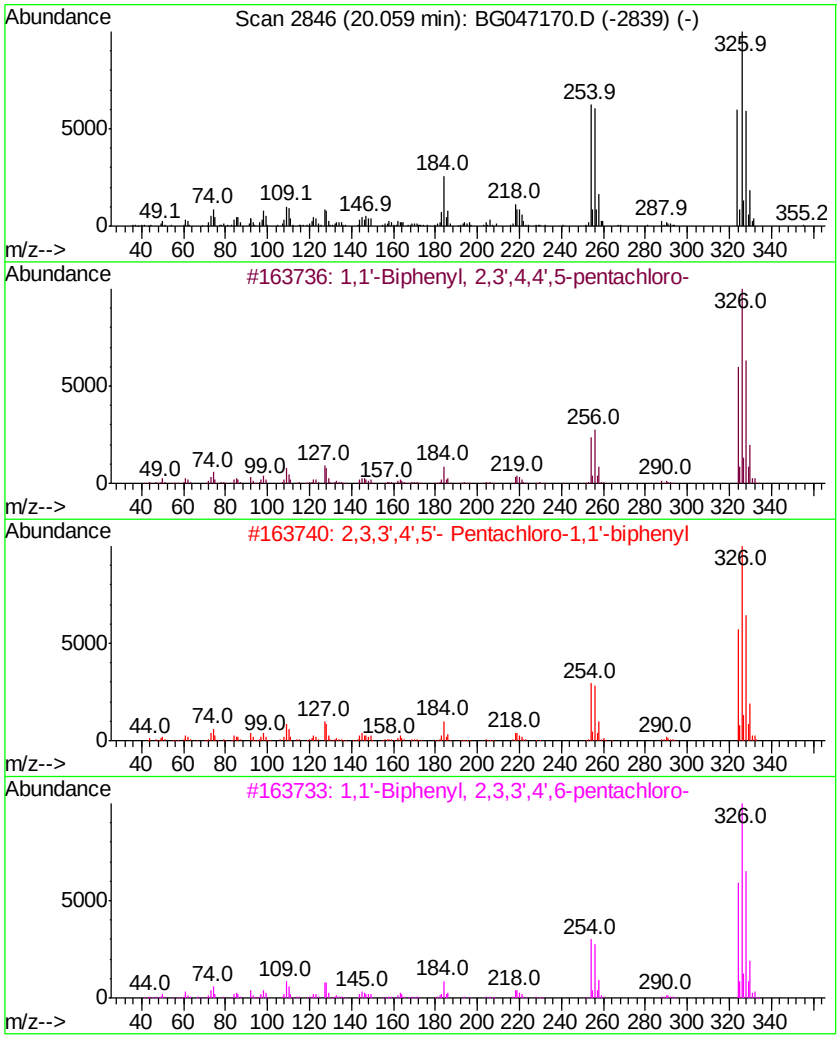
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

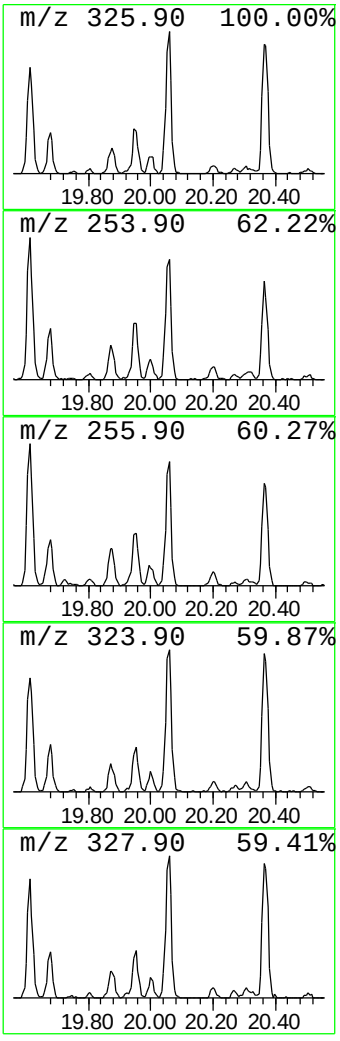
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	7.58 ng/ul	425127	Chrysene-d12	21.69

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	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	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	97





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Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

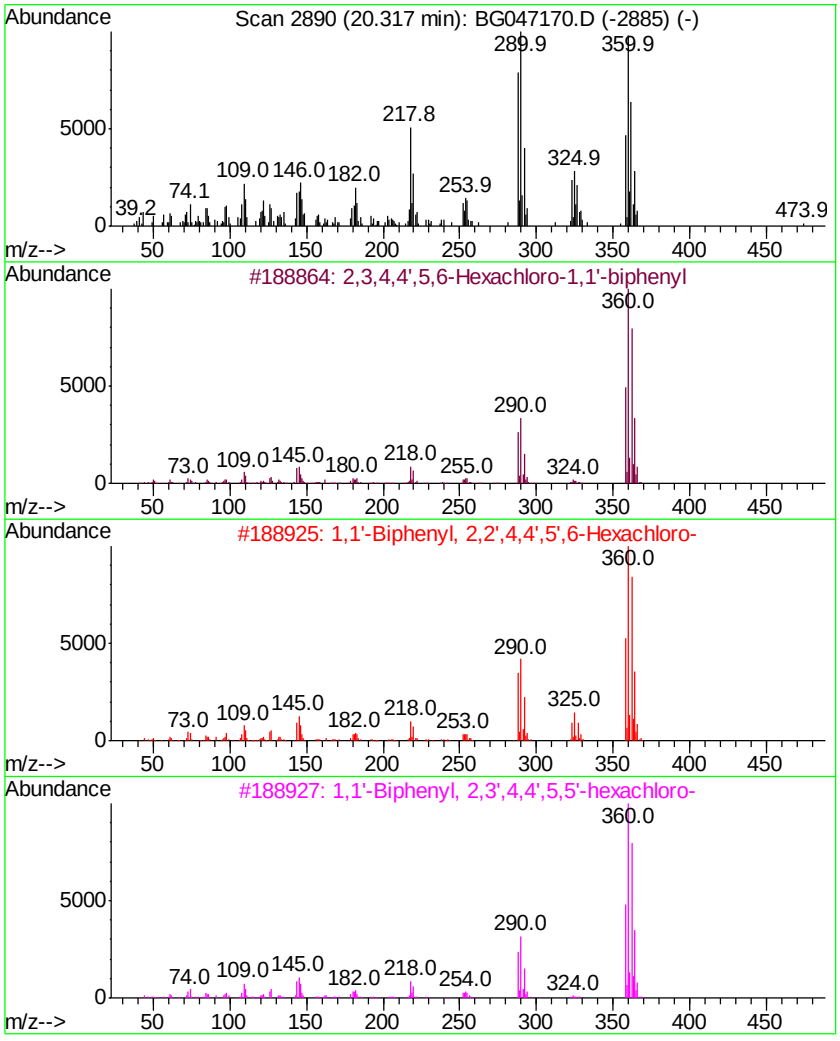
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

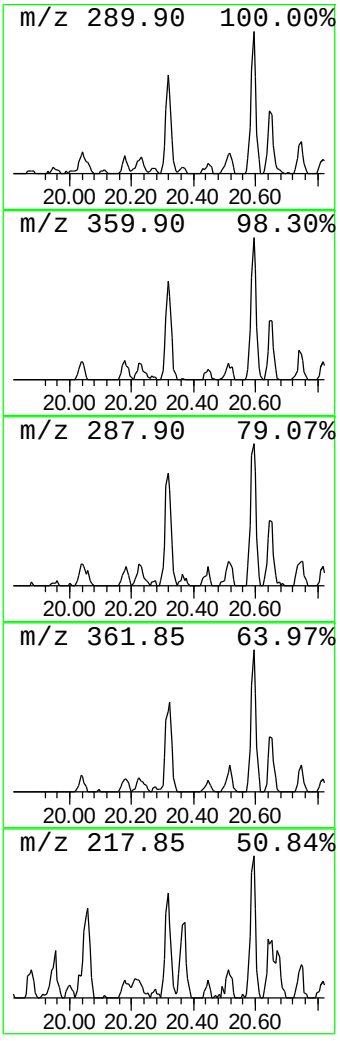
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	3.73 ng/ul	208983	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





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Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

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Quant Title : SVOA CALIBRATION

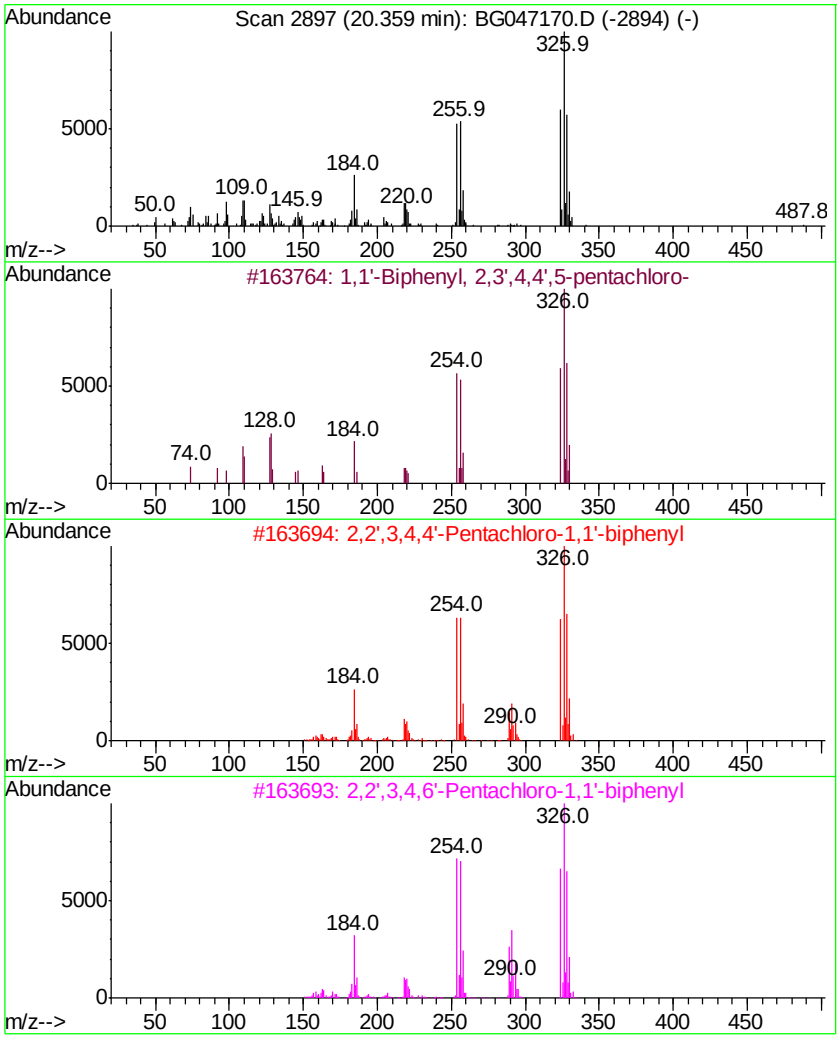
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

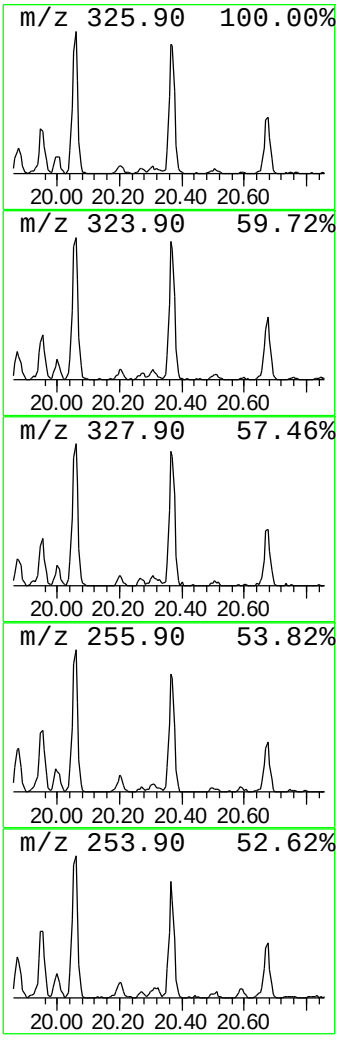
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	6.58 ng/ul	369029	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	96
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

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

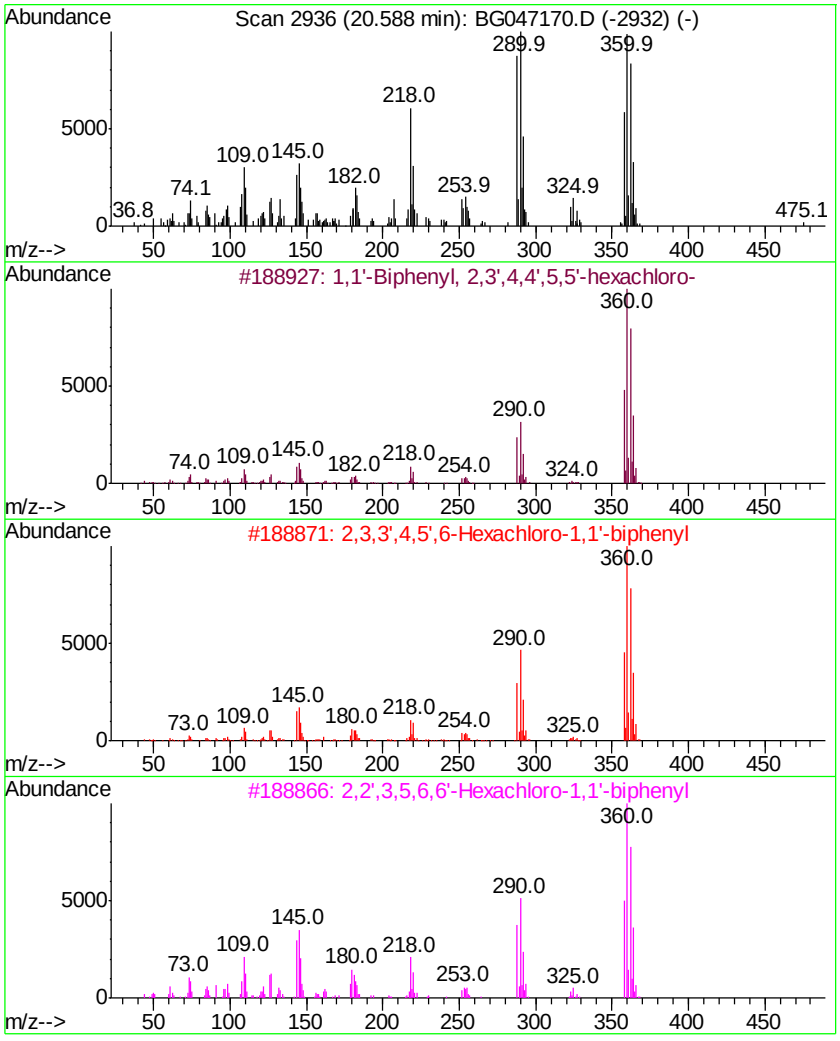
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

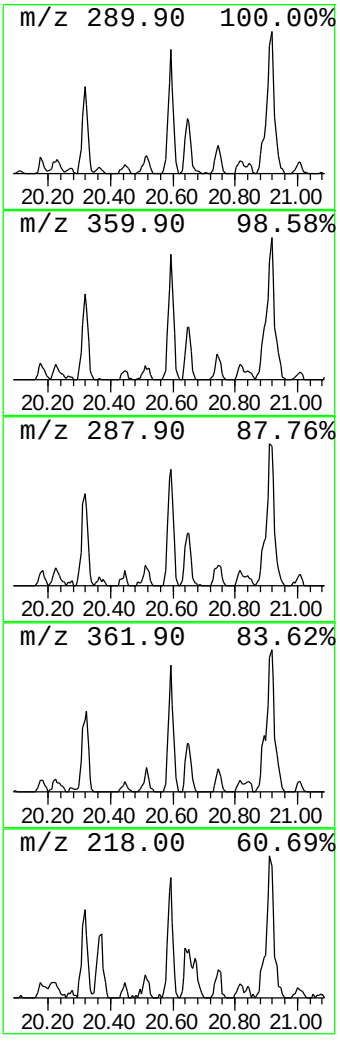
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	3.84 ng/ul	215584	Chrysene-d12	21.69

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	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	98
4	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	98
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

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

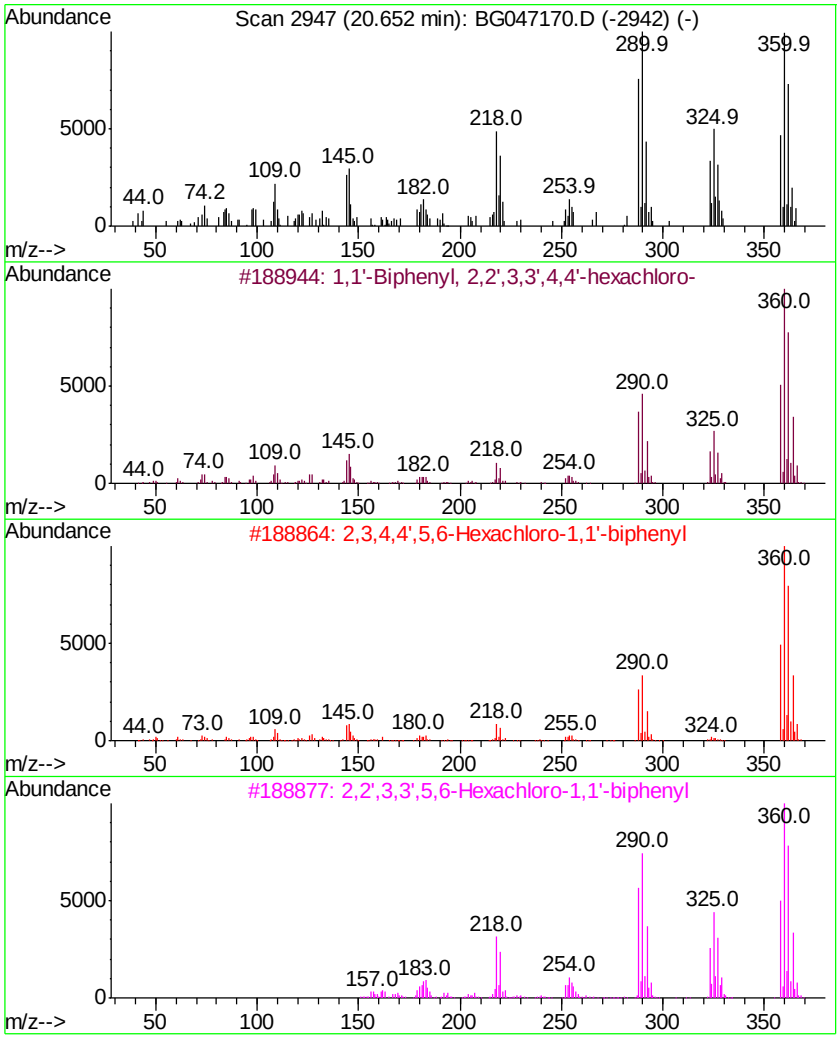
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

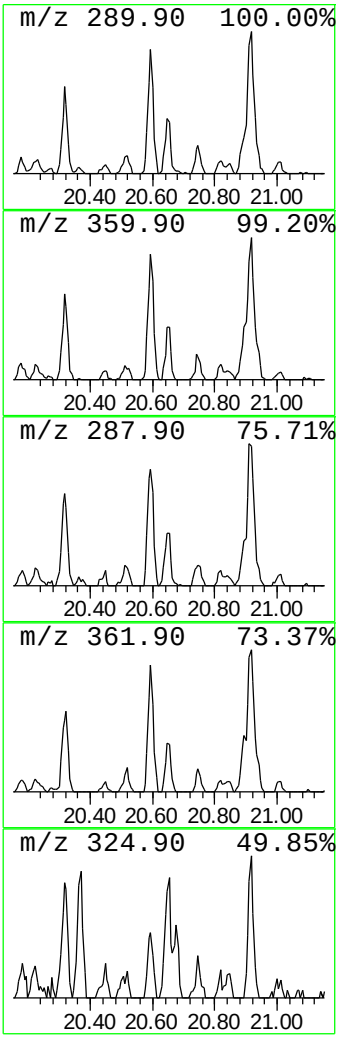
****

Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	2.02 ng/ul	113271	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99





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Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

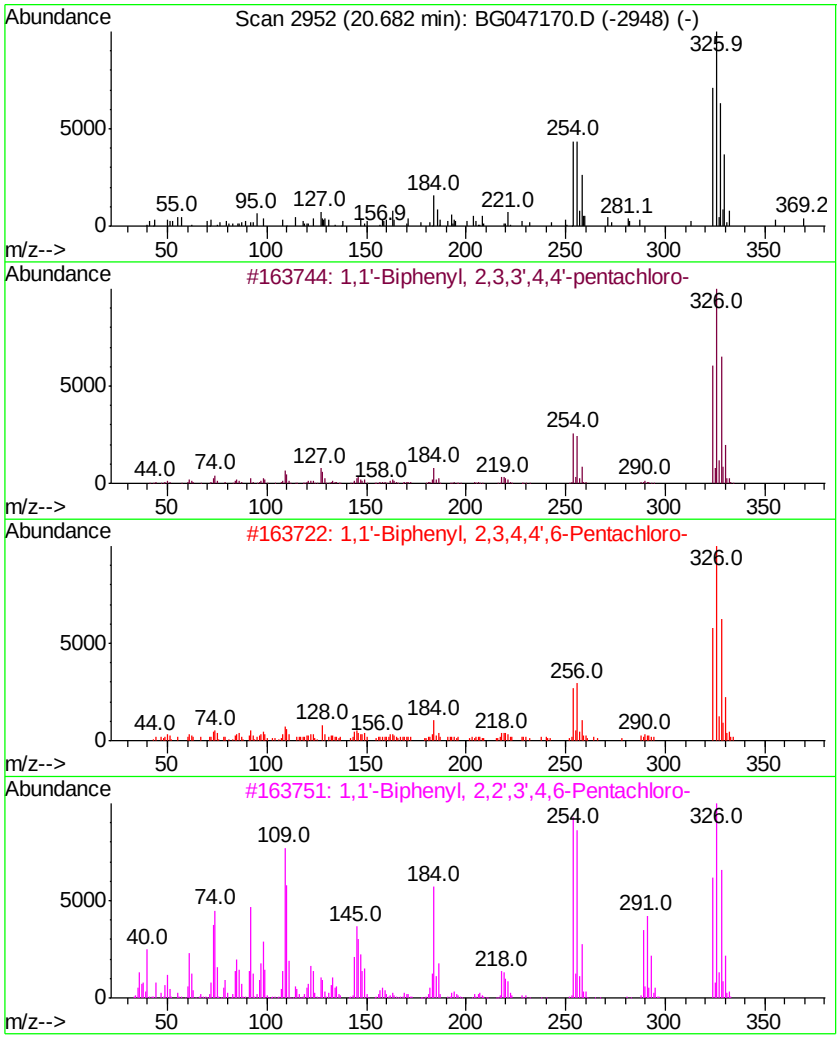
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

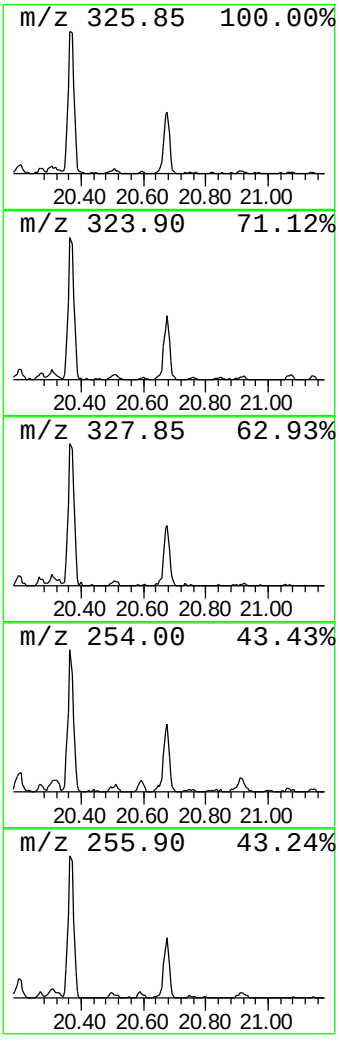
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	2.75 ng/ul	154412	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
2	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	95
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

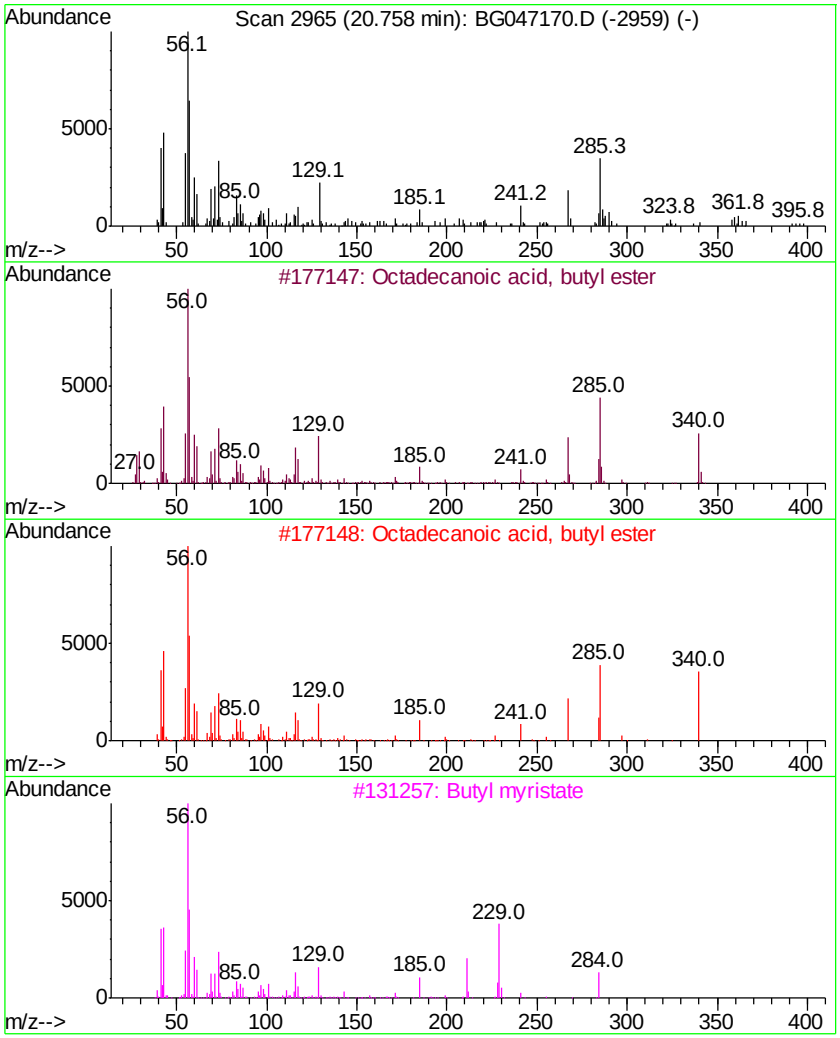
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

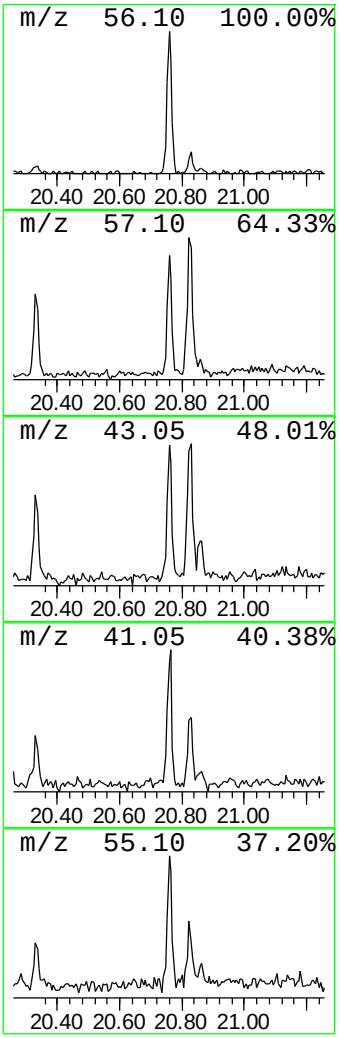
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Octadecanoic acid, butyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.85 ng/ul	159683	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
3	Butyl myristate	284	C18H36O2	000110-36-1	64
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	59
5	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	43





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Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

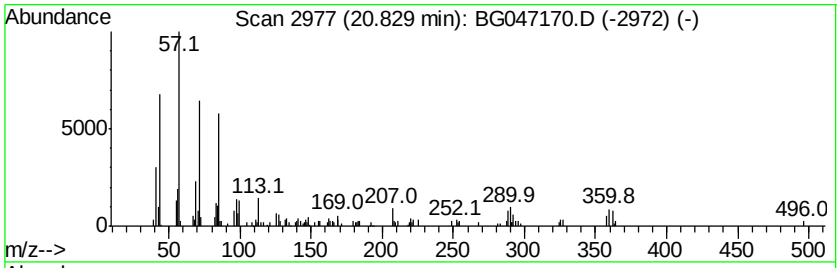
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

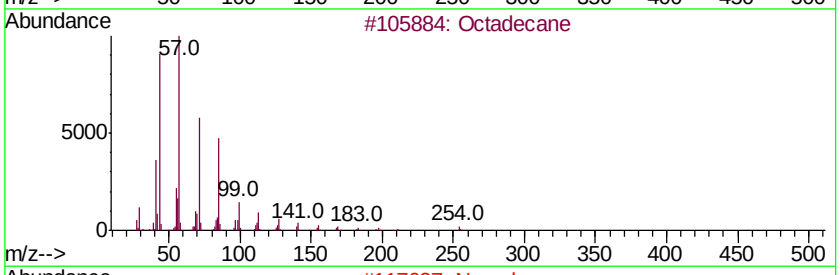
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

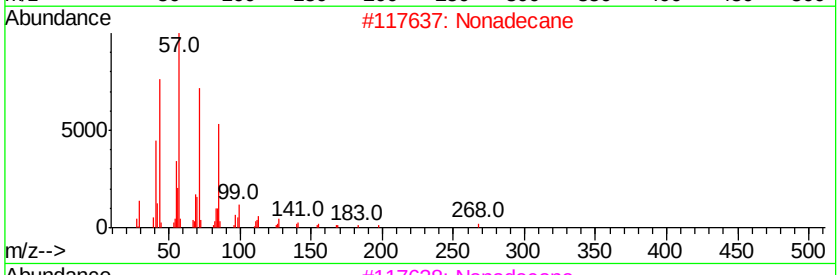
****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

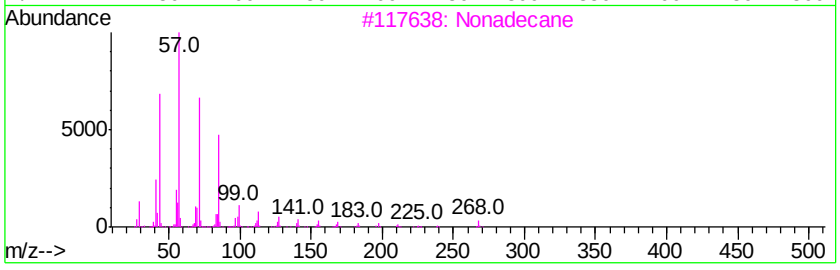
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.02 ng/ul	113413	Chrysene-d12	21.69

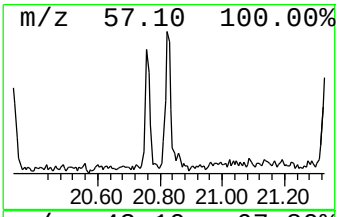
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Nonadecane	268	C19H40	000629-92-5	83
3	Nonadecane	268	C19H40	000629-92-5	64
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
5	Tridecane	184	C13H28	000629-50-5	58

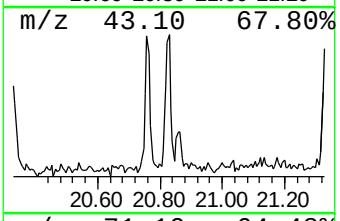


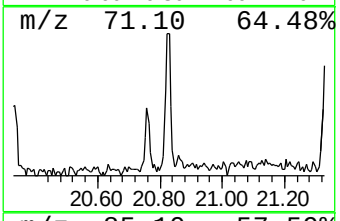


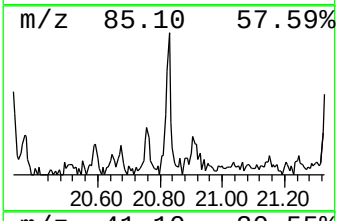


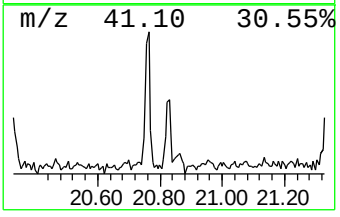












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

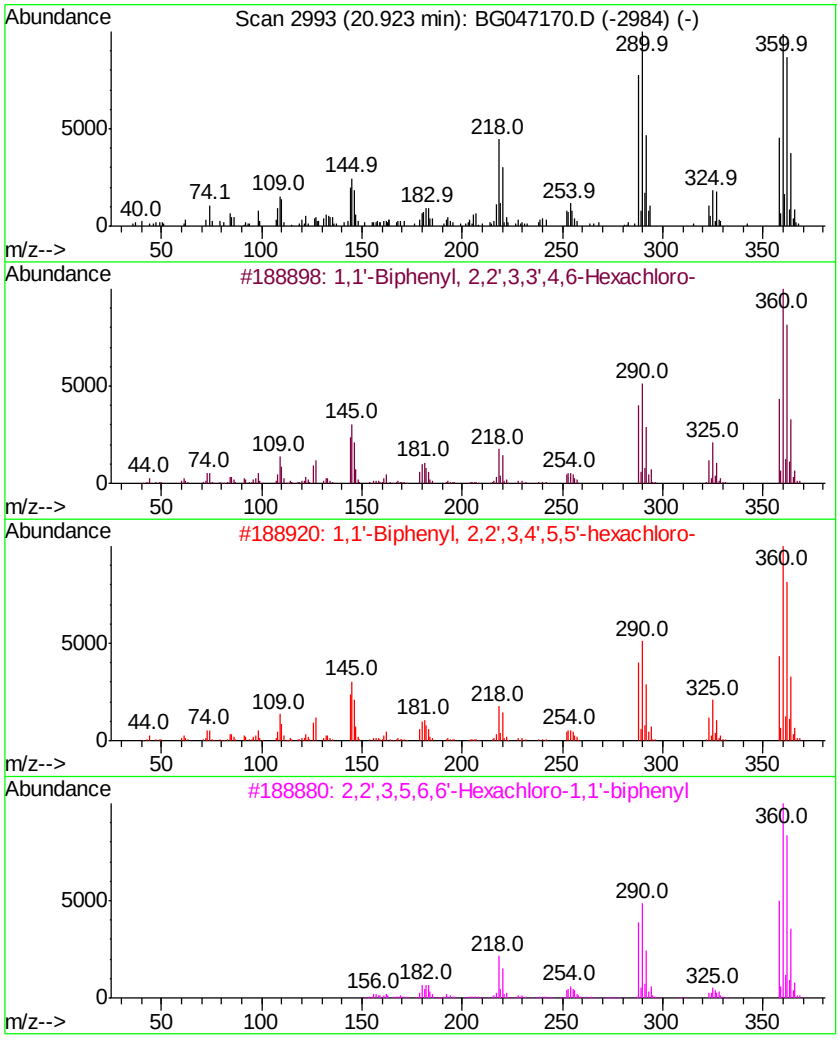
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

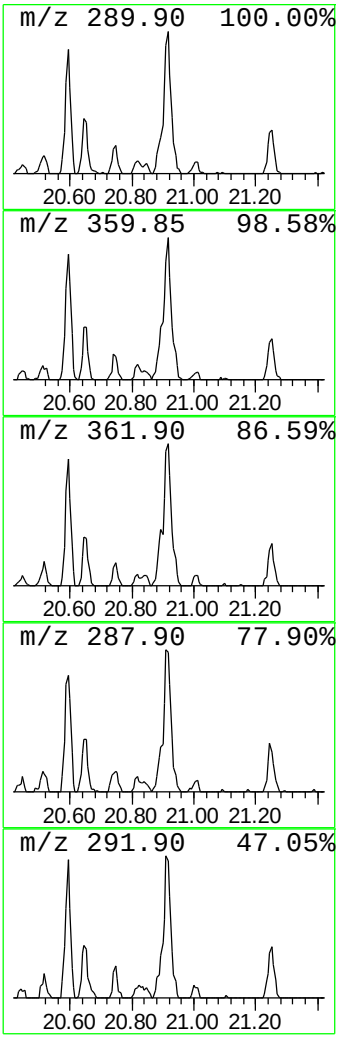
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.59 ng/ul	369734	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	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	074472-44-9	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047170.D
Acq On : 31 Oct 2020 1:40
Operator : CG/JU
Sample : L4507-05
Misc : GCMS CONFIRMATION
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL8

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	27.5	ng/ul	480244	1	8.05	349159	20.0
2,3',4,5-Tetrachl...	18.49	3.2	ng/ul	149528	4	17.43	929526	20.0
1,1'-Biphenyl, 2,...	19.33	6.0	ng/ul	277191	4	17.43	929526	20.0
1,1'-Biphenyl, 2,...	19.61	7.5	ng/ul	421040	5	21.69	1121740	20.0
1,1'-Biphenyl, 2,...	19.68	2.6	ng/ul	143610	5	21.69	1121740	20.0
Hexadecanoic acid...	19.72	2.3	ng/ul	130530	5	21.69	1121740	20.0
1,1'-Biphenyl, 2,...	19.87	2.0	ng/ul	113216	5	21.69	1121740	20.0
2,2',3,6,6'-Penta...	19.95	3.4	ng/ul	189532	5	21.69	1121740	20.0
2,3,3',4',5'- Pen...	20.06	7.6	ng/ul	425127	5	21.69	1121740	20.0
2,3,4,4',5,6-Hexa...	20.32	3.7	ng/ul	208983	5	21.69	1121740	20.0
2,2',3,4,4'-Penta...	20.36	6.6	ng/ul	369029	5	21.69	1121740	20.0
1,1'-Biphenyl, 2,...	20.59	3.8	ng/ul	215584	5	21.69	1121740	20.0
1,1'-Biphenyl, 2,...	20.65	2.0	ng/ul	113271	5	21.69	1121740	20.0
1,1'-Biphenyl, 2,...	20.68	2.8	ng/ul	154412	5	21.69	1121740	20.0
Octadecanoic acid...	20.76	2.9	ng/ul	159683	5	21.69	1121740	20.0
(DEL) Alkane: Str...	20.83	2.0	ng/ul	113413	5	21.69	1121740	20.0
1,1'-Biphenyl, 2,...	20.92	6.6	ng/ul	369734	5	21.69	1121740	20.0