LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

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	rBV2	6688	5342	0.46%	0.043%
2	3.405	7	11	17	rVB	580102	636586	54.64%	5.112%
3	3.534	29	33	35	rBV	1521	1945	0.17%	0.016%
4	3.716	62	64	67	rBV2	3144	4390	0.38%	0.035%
5	3.752	67	70	75	rVB2	17038	21221	1.82%	0.170%
6	3.992	108	111	114	rVB2	1677	1811	0.16%	0.015%
7	4.133	132	135	137	rBV3	2328	2608	0.22%	0.021%
8	4.169	140	141	145	rBV3	1127	1492	0.13%	0.012%
9	4.233	148	152	156	rVV2	6337	8547	0.73%	0.069%
10	4.269	156	158	161	rVB2	1954	1474	0.13%	0.012%
11	4.345	168	171	173	rBV	1347	1480	0.13%	0.012%
12	4.791	244	247	250	rVB2	2122	2128	0.18%	0.017%
13	4.991	277	281	284	rBV3	1196	1652	0.14%	0.013%
14	5.079	293	296	297	rBV2	2400	2384	0.20%	0.019%
15	5.156	306	309	312	rBV	1385	1809	0.16%	0.015%
16	5.508	367	369	374	rVB2	2182	3134	0.27%	0.025%
17	5.732	406	407	413	rVB2	1139	1499	0.13%	0.012%
18	6.619	555	558	562	rVB	1413	1806	0.16%	0.015%
19	6.707	570	573	576	rVB2	1735	2151	0.18%	0.017%
20	7.206	657	658	662	rBV2	1214	1452	0.12%	0.012%
21	8.064	796	804	813	rBV	301269	512559	43.99%	4.116%
22	8.129	813	815	820	rVB	1404	1562	0.13%	0.013%
23	8.199	825	827	831	rVB2	1704	2160	0.19%	0.017%
24	8.299	841	844	847	rVB	1992	2368	0.20%	0.019%
25	8.910	945	948	952	rBV	1115	1426	0.12%	0.011%
26	9.474	1040	1044	1046	rBV2	1078	1751	0.15%	0.014%
27	10.567	1226	1230	1233	rBV	1111	1676	0.14%	0.013%
28	10.661	1242	1246	1247	rBV	2167	1879	0.16%	0.015%
29	10.737	1254	1259	1264	rBV4	9815	15987	1.37%	0.128%
30	10.878	1275	1283	1293	rBV	390187	688429	59.09%	5.529%
31	11.025	1306	1308	1311	rVB2	1447	1599	0.14%	0.013%
32	11.137	1325	1327	1332	rVB2	2407	3137	0.27%	0.025%
33	11.260	1346	1348	1352	rBV2	2106	2577	0.22%	0.021%
34	11.360	1360	1365	1367	rBV2	2789	3278	0.28%	0.026%

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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Title : SVOA CALIBRATION

35	11.895	1452	1456	1459	rBV	1173	1429	0.12%	0.011%
36	12.018	1473	1477	1480	rVB	1410	1486	0.13%	0.012%
37	12.529	1562	1564	1570	rVB3	1847	2017	0.17%	0.016%
38	12.753	1598	1602	1604	rBV2	2115	2540	0.22%	0.020%
39	13.505	1727	1730	1738	rVB4	2090	4241	0.36%	0.034%
40	13.728	1764	1768	1770	rVB2	1458	1664	0.14%	0.013%
41	14.204	1847	1849	1851	rVB	1832	1454	0.12%	0.012%
42	14.445	1888	1890	1893	rBV2	1265	1498	0.13%	0.012%
43	14.515	1900	1902	1905	rVB2	1803	1455	0.12%	0.012%
44	14.698	1926	1933	1943	rVB	610114	937838	80.49%	7.532%
45	14.874	1962	1963	1966	rBV	1983	1794	0.15%	0.014%
46	15.044	1991	1992	1994	rBV2	1779	1428	0.12%	0.011%
47	15.220	2021	2022	2026	rBV2	2499	1824	0.16%	0.015%
48	15.361	2043	2046	2048	rBV3	2208	2233	0.19%	0.018%
49	15.485	2065	2067	2069	rBV	2103	2138	0.18%	0.017%
50	15.749	2109	2112	2115	rBV5	3288	4222	0.36%	0.034%
51	15.784	2115	2118	2119	rBV3	2283	1637	0.14%	0.013%
52	15.814	2121	2123	2124	rVB2	2965	1615	0.14%	0.013%
53	15.837	2124	2127	2128	rBV2	4115	4206	0.36%	0.034%
54	15.902	2136	2138	2142	rBV4	2219	1587	0.14%	0.013%
55	15.990	2152	2153	2156	rBV2	3004	2541	0.22%	0.020%
56	16.019	2156	2158	2159	rBV2	2529	2284	0.20%	0.018%
57	16.037	2159	2161	2166	rVV5	3334	3817	0.33%	0.031%
58	16.113	2173	2174	2176	rBV	3461	2797	0.24%	0.022%
59	17.441	2393	2400	2405	rBV	647603	1005760	86.32%	8.077%
60	18.041	2495	2502	2508	rBV	118243	224492	19.27%	1.803%
61	18.505	2576	2581	2585	rBV2	125573	181985	15.62%	1.462%
62	18.564	2588	2591	2595	rVV2	77593	104133	8.94%	0.836%
63	18.605	2596	2598	2605	rVB5	41821	54802	4.70%	0.440%
64	18.787	2625	2629	2634	rBV2	76935	108960	9.35%	0.875%
65	18.887	2643	2646	2649	rBV3	32519	38209	3.28%	0.307%
66	18.963	2656	2659	2664	rVB2	58945	81613	7.00%	0.655%
67	19.269	2708	2711	2715	rVB2	49261	59112	5.07%	0.475%
68	19.316	2716	2719	2721	rVV	100345	126577	10.86%	1.017%
69	19.351	2721	2725	2731	rVB3	207651	342139	29.36%	2.748%
70	19.627	2767	2772	2778	rVB	233205	318822	27.36%	2.560%
71	19.733	2788	2790	2796	rVB6	43403	47700	4.09%	0.383%

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Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Title : SVOA CALIBRATION

72	19.962	2826	2829	2833	rVB5	54287	64923	5.57%	0.521%
73	20.068	2841	2847	2852	rVB3	156551	264883	22.73%	2.127%
74	20.191	2864	2868	2872	rBV	132656	171172	14.69%	1.375%
75	20.232	2872	2875	2882	rVB8	56408	100182	8.60%	0.805%
76	20.326	2887	2891	2896	rVV	409035	536174	46.02%	4.306%
77	20.379	2897	2900	2907	rVB	90421	110050	9.45%	0.884%
78	20.526	2923	2925	2931	rVB3	71475	77409	6.64%	0.622%
79	20.602	2934	2938	2943	rVV	561153	705415	60.54%	5.665%
80	20.661	2944	2948	2957	rVV2	151976	240056	20.60%	1.928%
81	20.761	2961	2965	2971	rVB3	150328	282971	24.29%	2.273%
82	20.926	2985	2993	3000	rBV	377691	690729	59.28%	5.547%
83	21.084	3016	3020	3026	rVB2	195452	250778	21.52%	2.014%
84	21.155	3028	3032	3036	rVB3	110175	143215	12.29%	1.150%
85	21.390	3068	3072	3078	rVB	160710	237467	20.38%	1.907%
86	21.454	3079	3083	3090	rVB3	99584	152728	13.11%	1.227%
87	21.519	3091	3094	3098	rBV6	45414	74566	6.40%	0.599%
88	21.707	3120	3126	3129	rBV	668921	1159324	99.50%	9.311%
89	22.153	3197	3202	3210	rVB2	170450	293361	25.18%	2.356%
90	22.324	3228	3231	3239	rVB10	67049	101735	8.73%	0.817%
91	24.950	3669	3678	3693	rVB3	386227	1165136	100.00%	9.357%

Sum of corrected areas: 12451622

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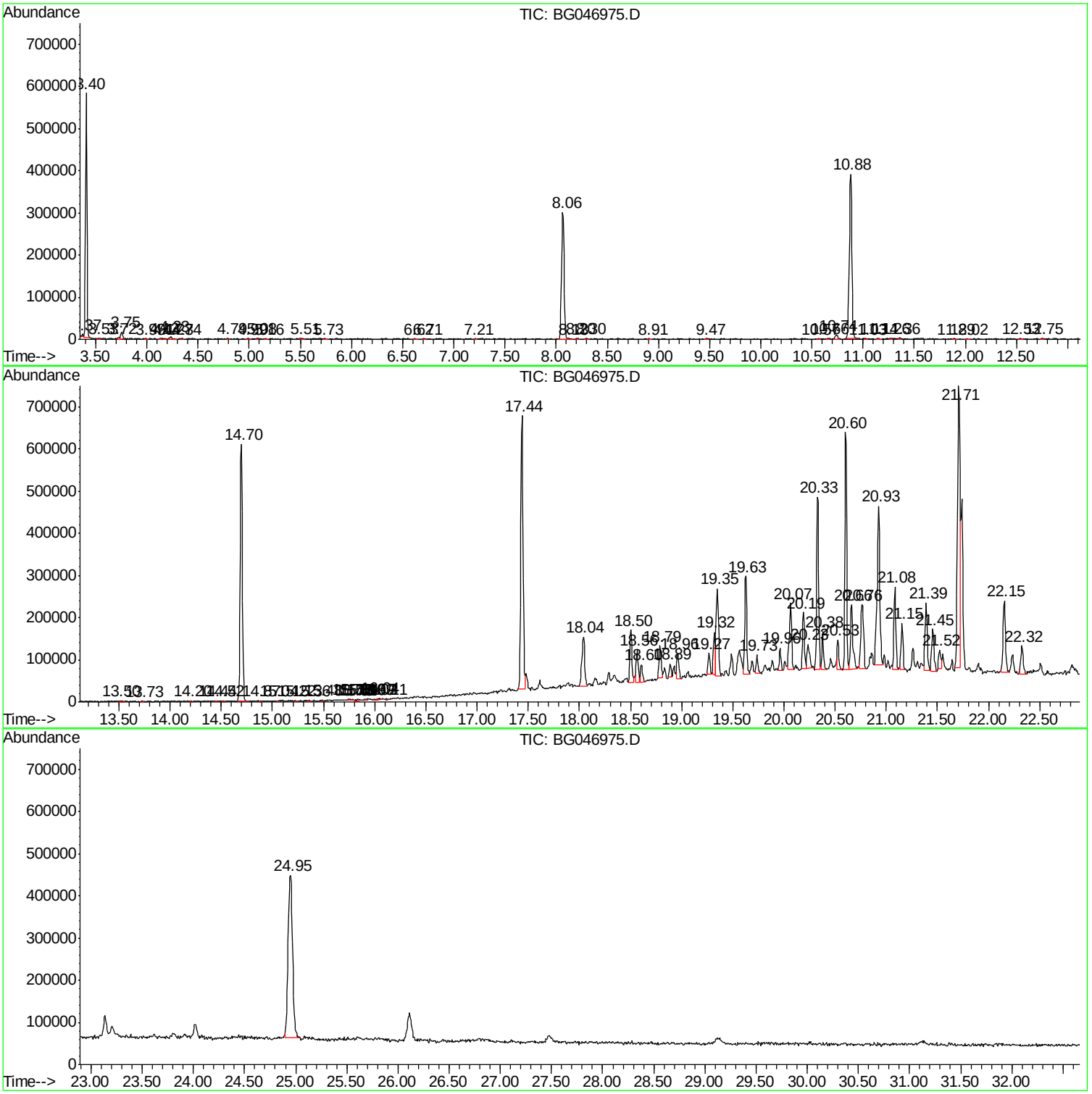
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB6

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

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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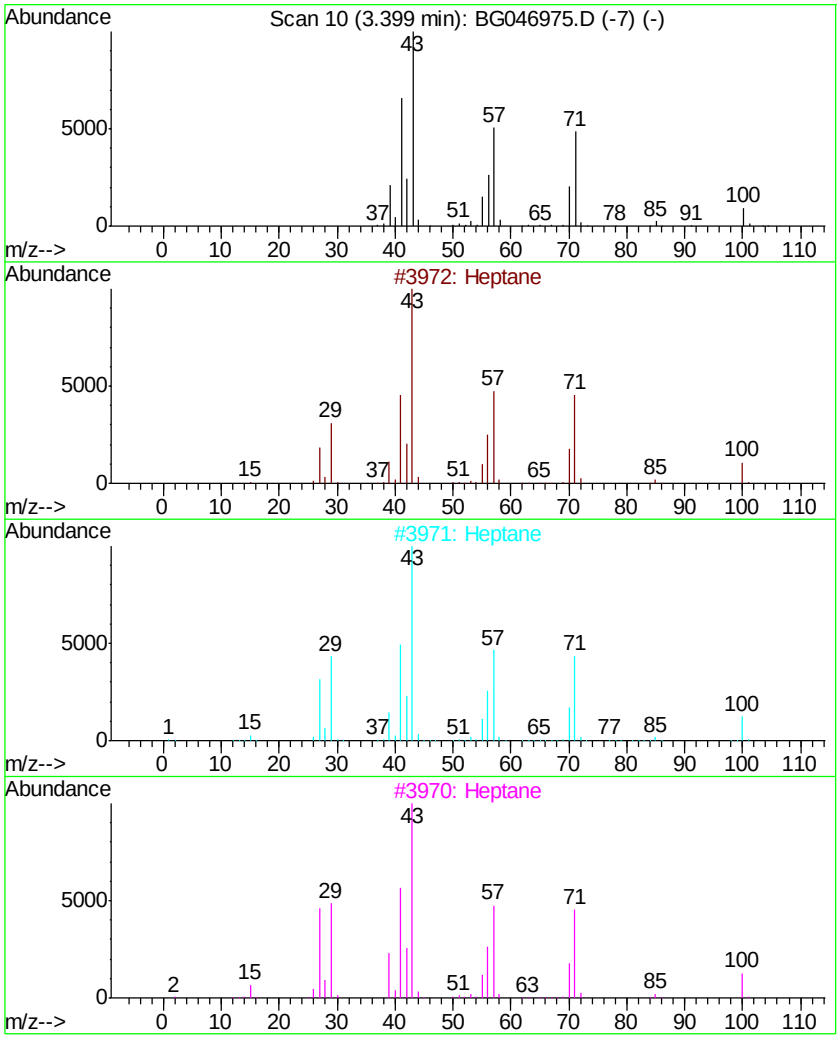
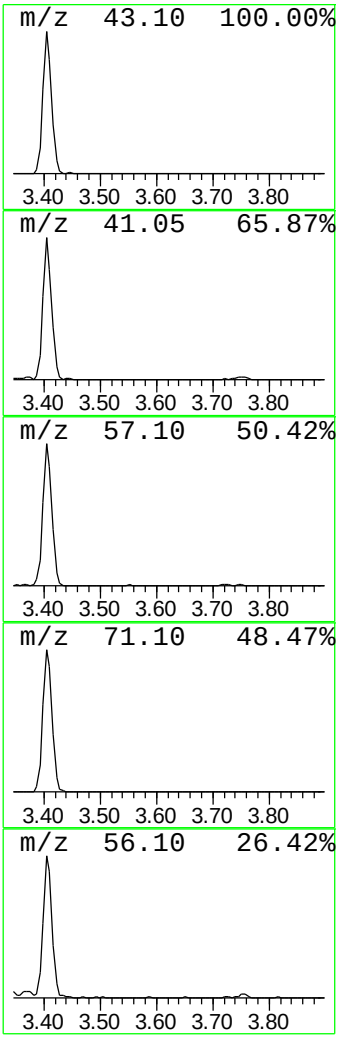
****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	24.84 ng/ul	636586	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	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	86
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	47





Library Search Compound Report

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Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

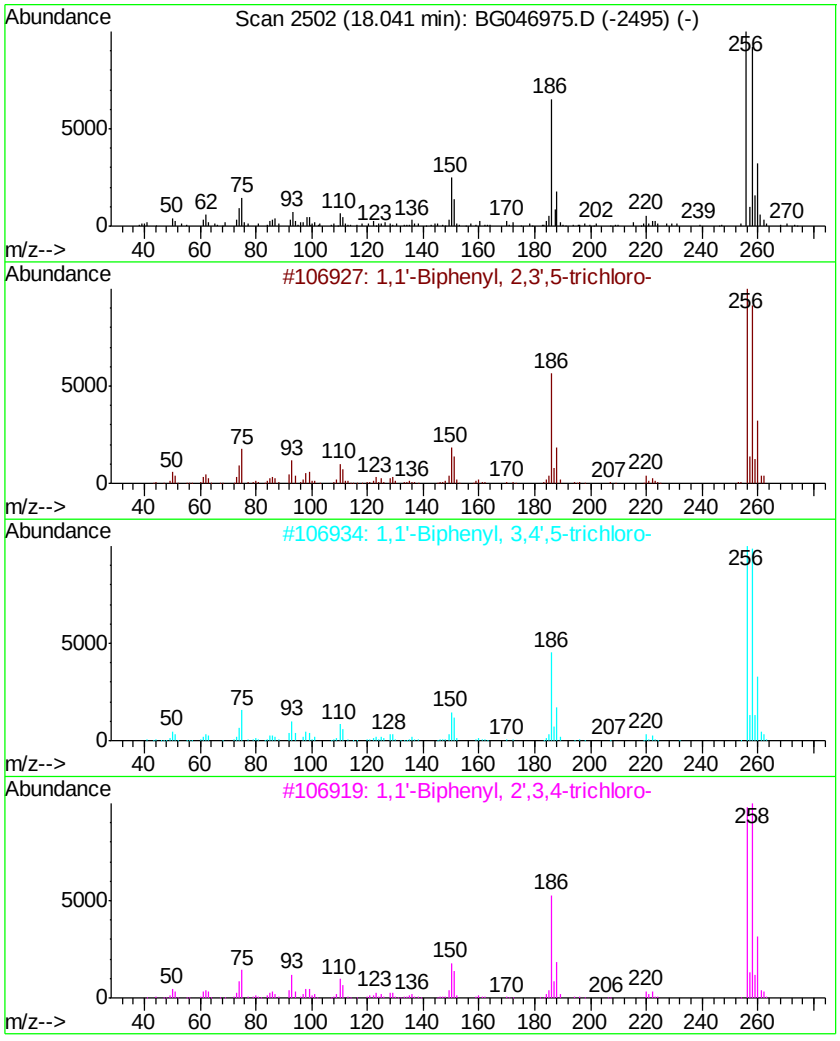
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

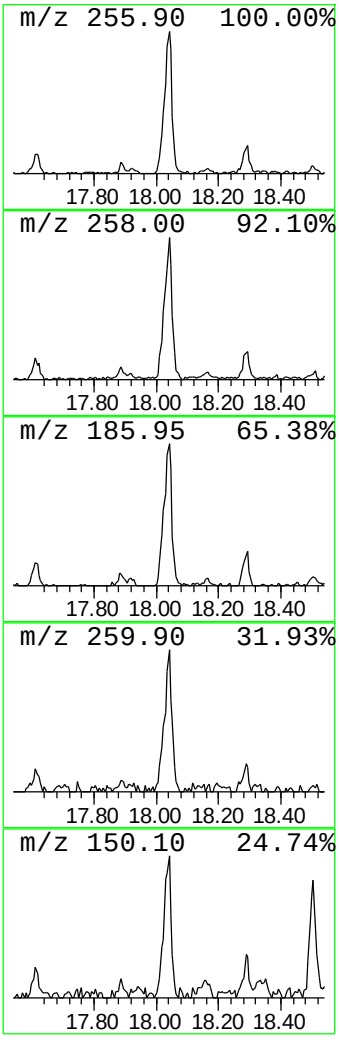
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.46 ng/ul	224492	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
2	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
5	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	96





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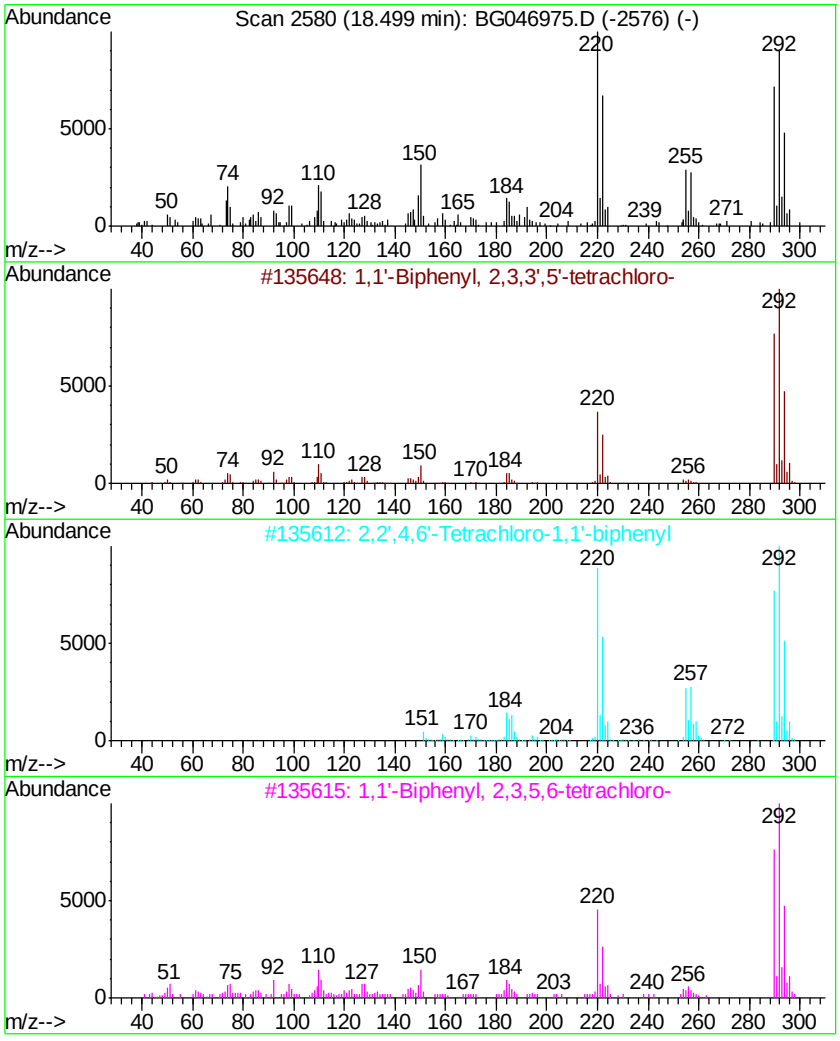
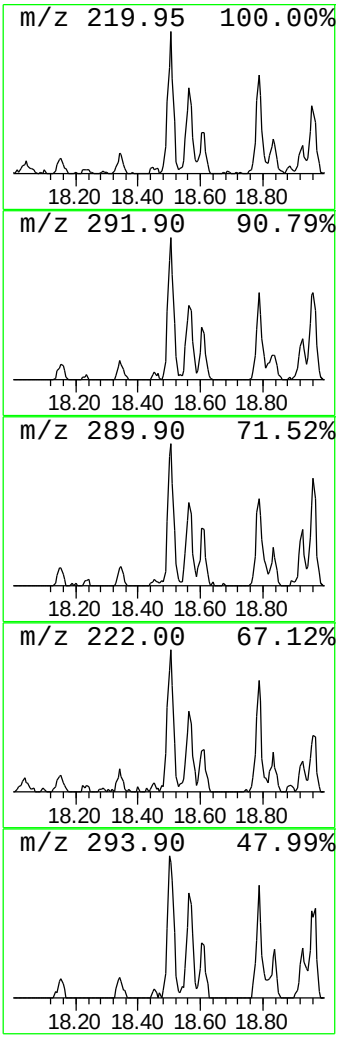
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.62 ng/ul	181985	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	95
3	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	95
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	95
5	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	95





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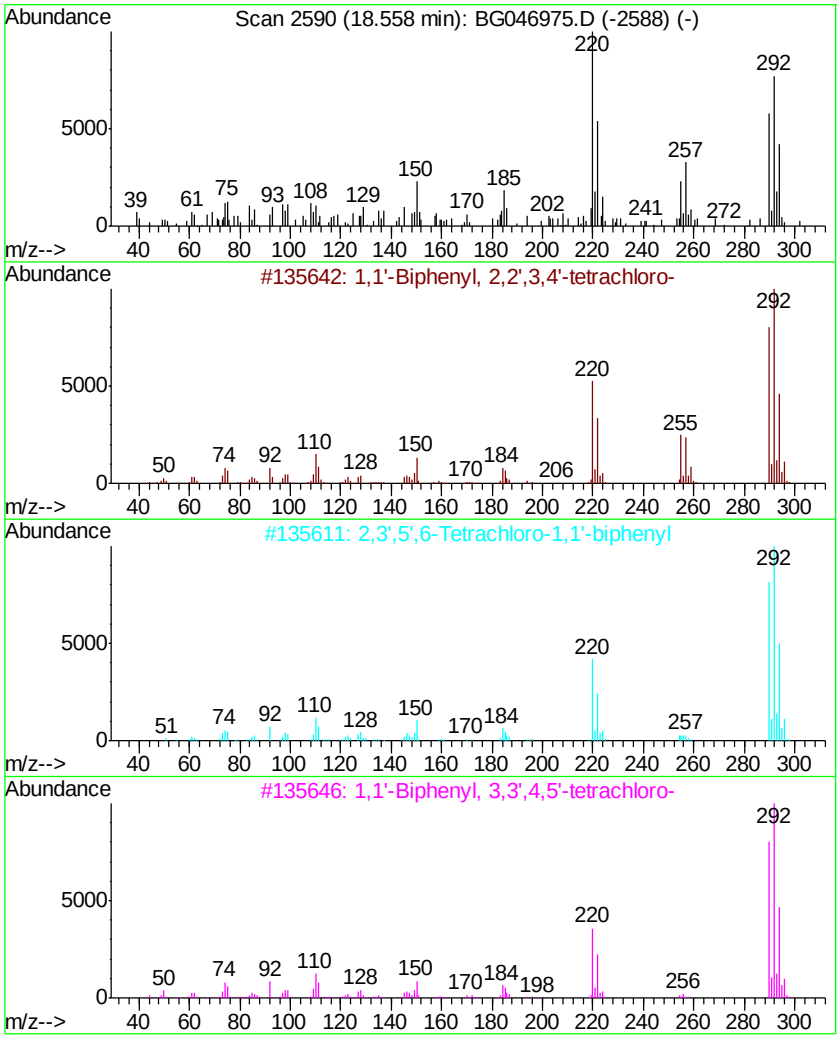
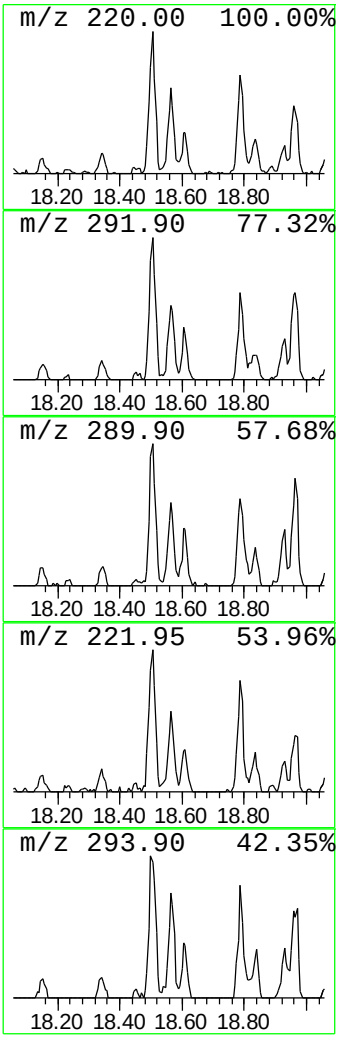
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.07 ng/ul	104133	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	95
2	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	95
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	94
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	94
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	94





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Quant Title : SVOA CALIBRATION

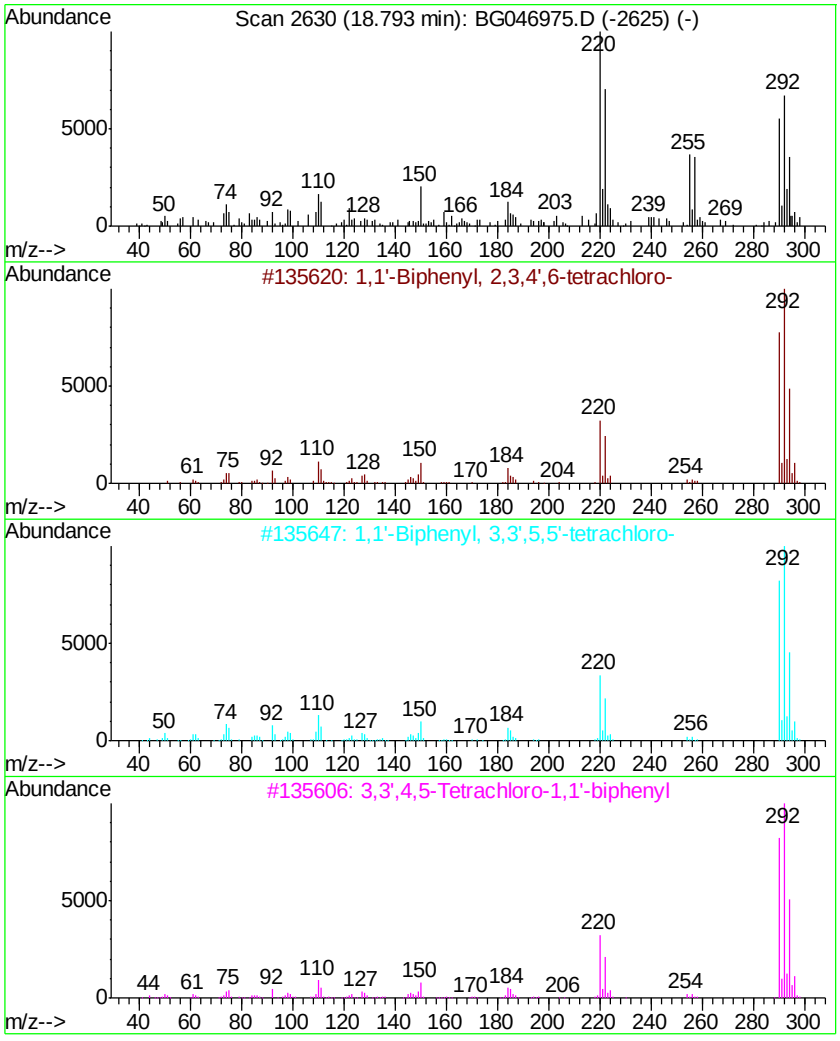
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

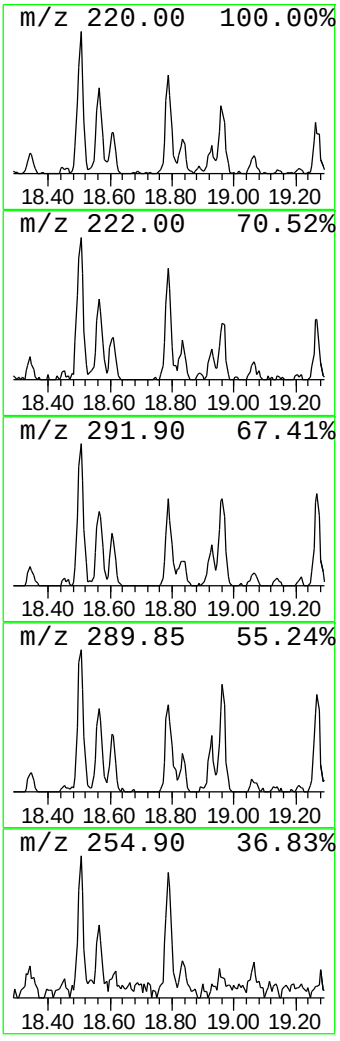
****

Peak Number 5 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.17 ng/ul	108960	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	97
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	97
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	95
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	95





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Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

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

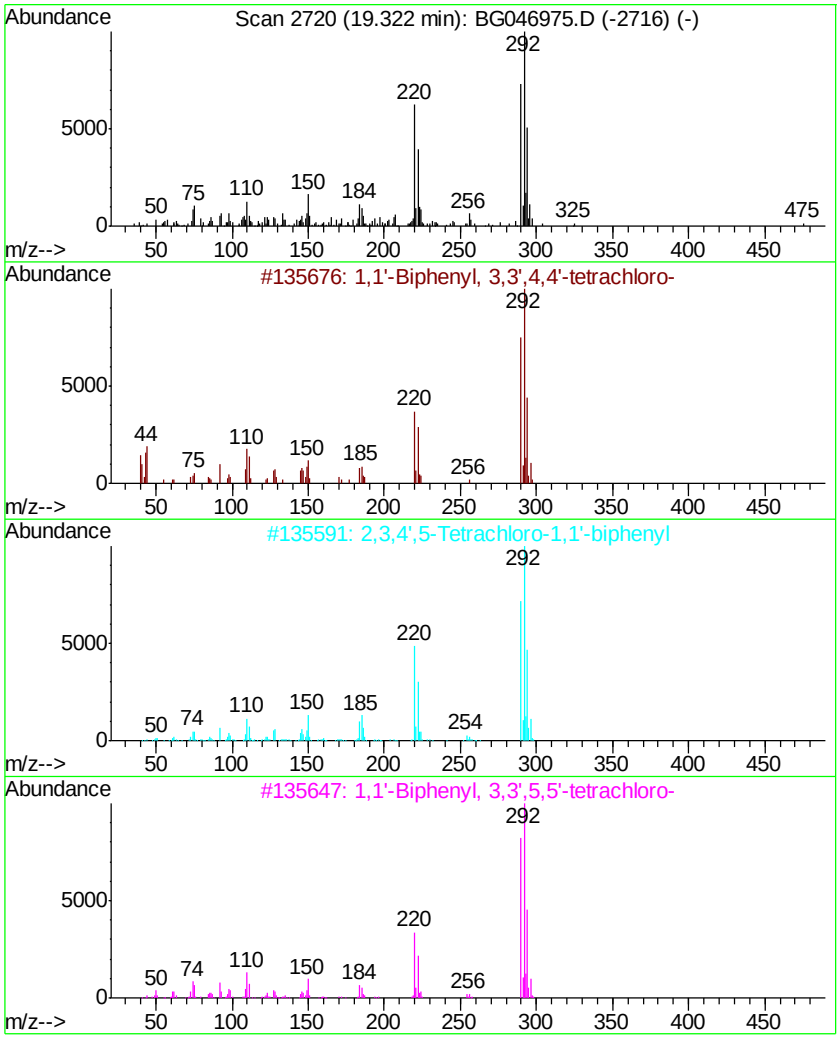
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

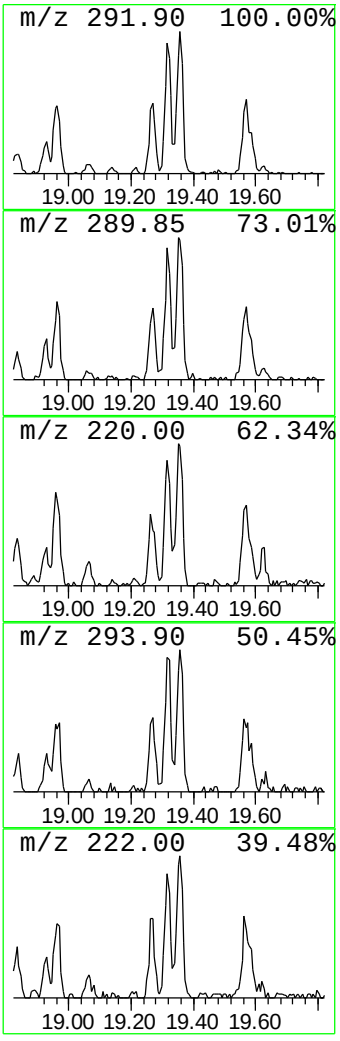
****

Peak Number 6 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.52 ng/ul	126577	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	96
2	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	95
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95
4	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	95
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	95





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Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

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

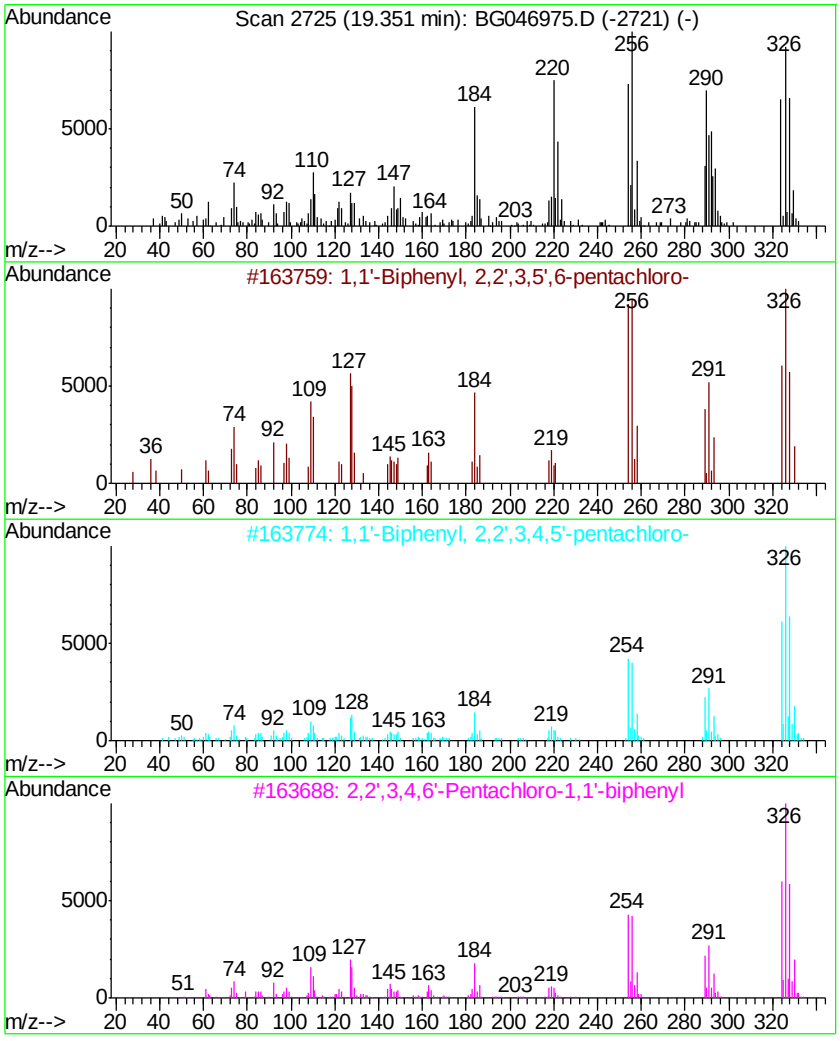
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

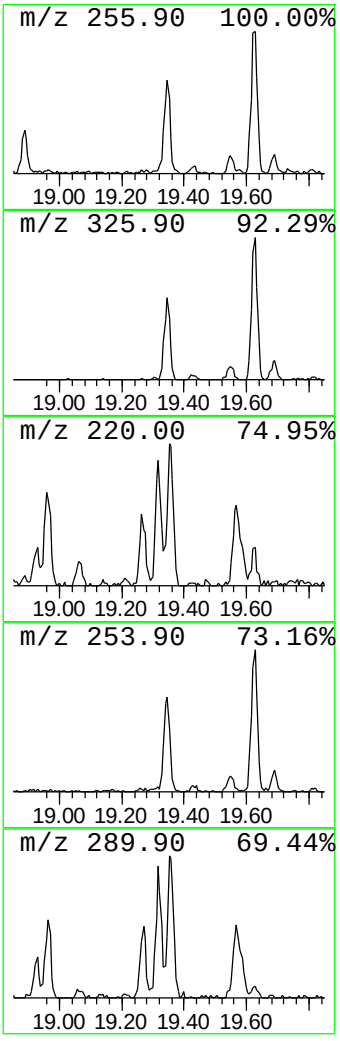
****

Peak Number 7 1,1'-Biphenyl, 2,2',3,5',6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	6.80 ng/ul	342139	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	83
2	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	83
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	83
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	83
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	83





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Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

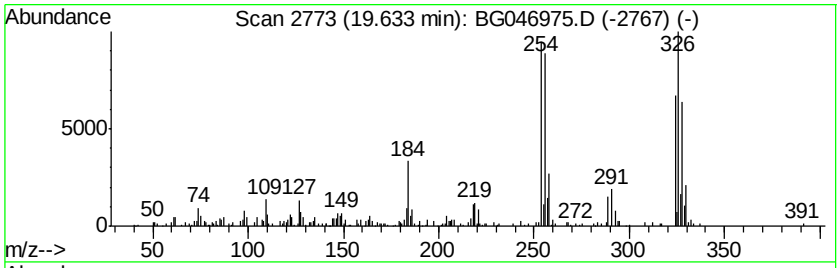
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

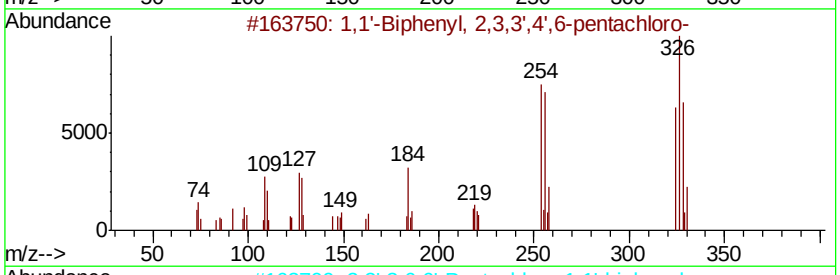
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

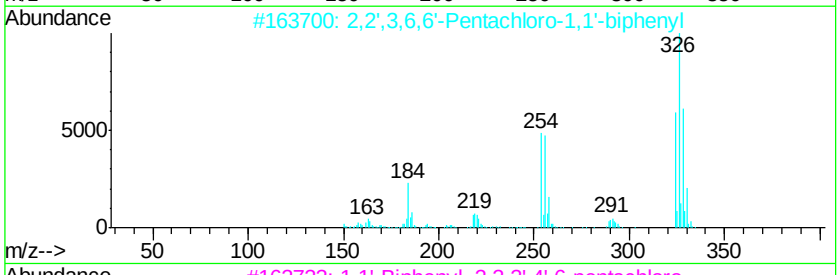
****
Peak Number 8 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 6

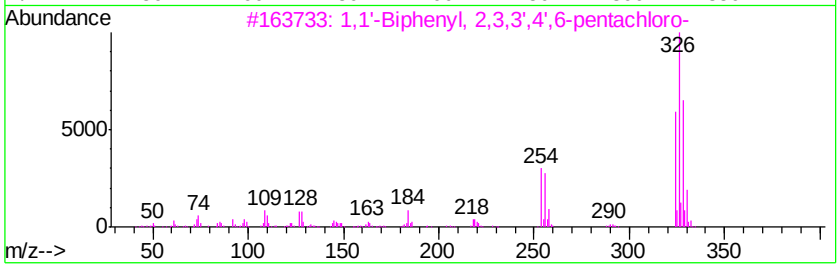
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	5.50 ng/ul	318822	Chrysene-d12	21.71

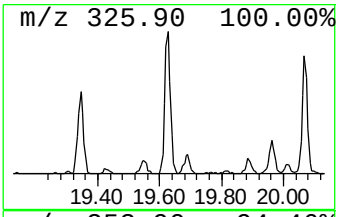
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	96
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	96

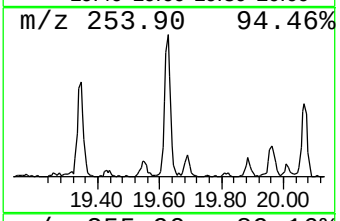


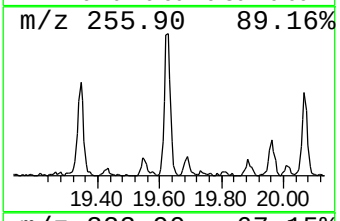


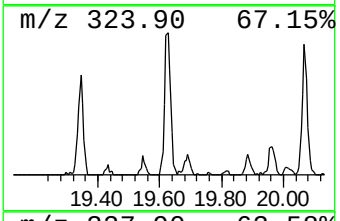


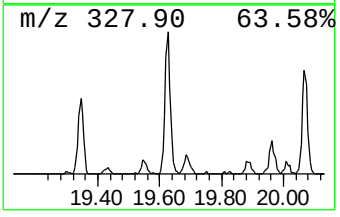












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Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

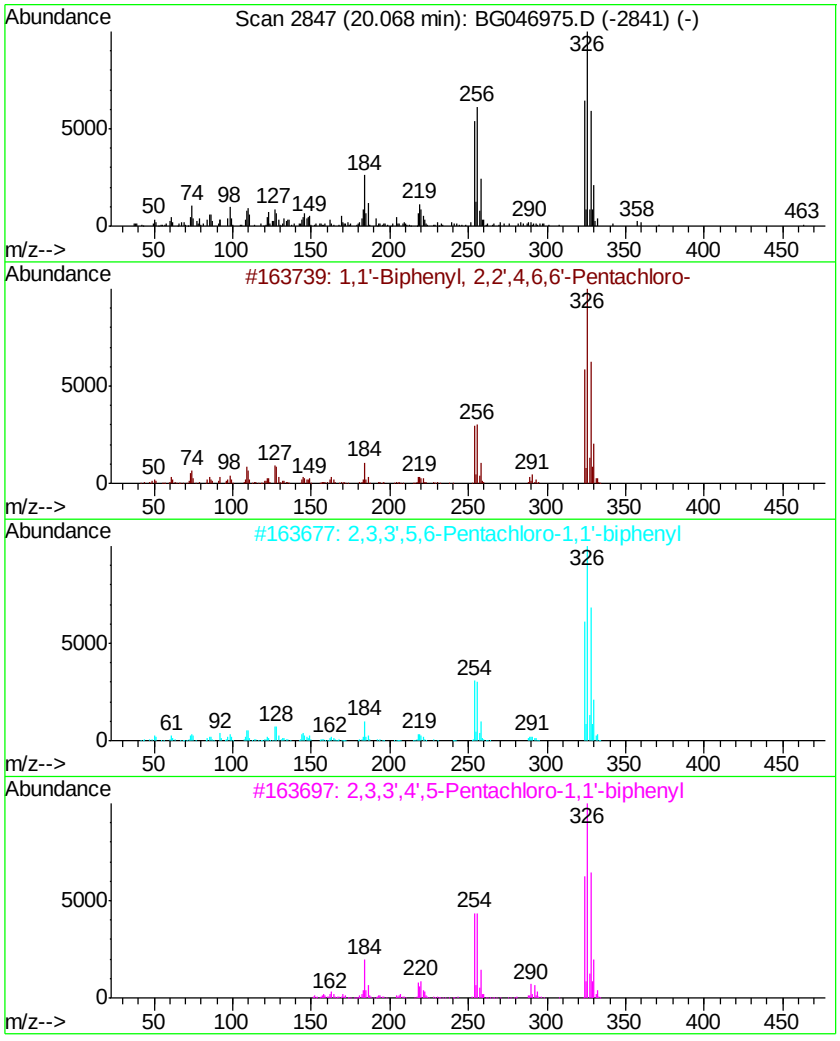
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

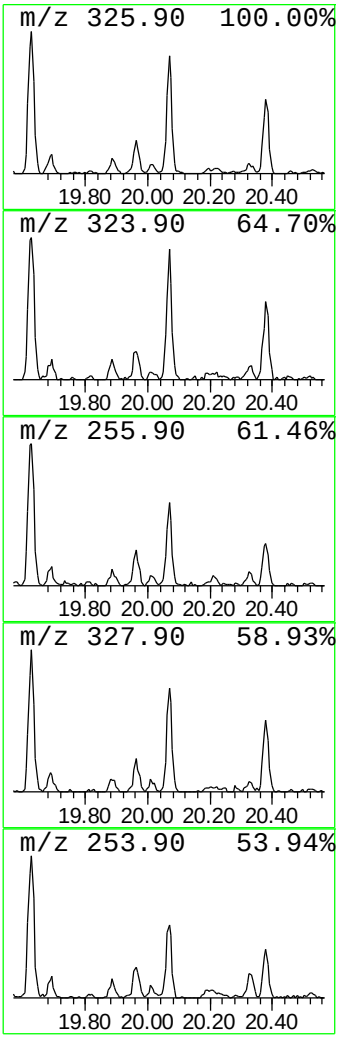
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	4.57 ng/ul	264883	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	96
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	95
3	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	95
4	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	95
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95





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Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

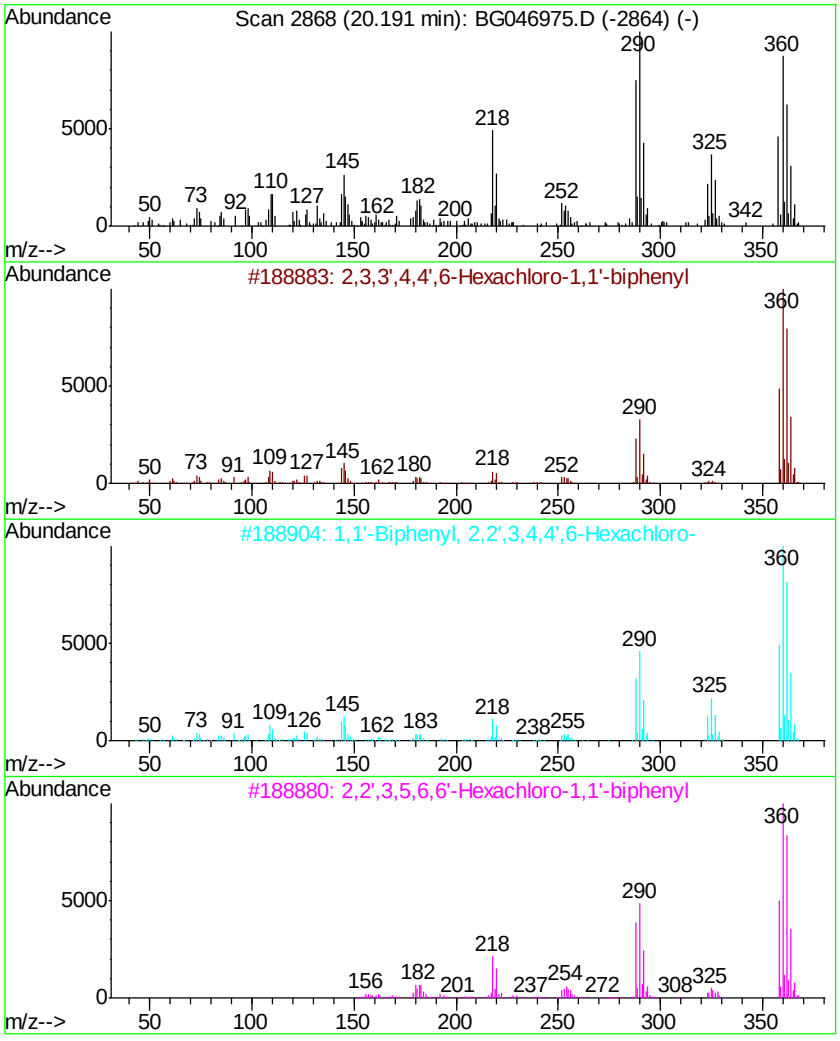
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

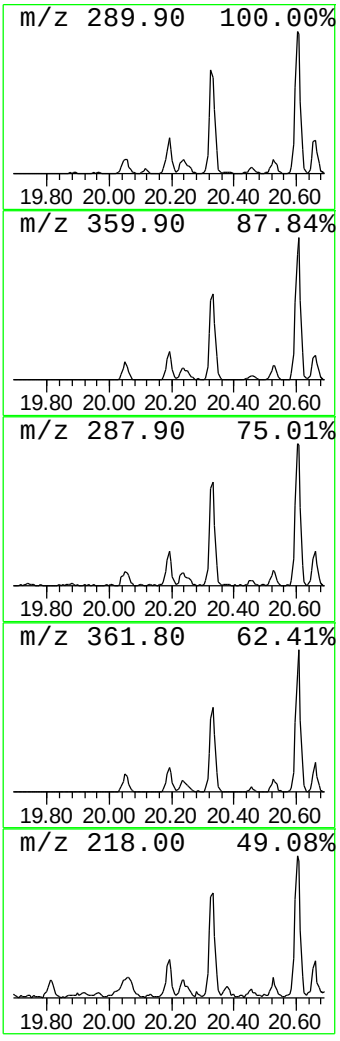
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,3,3',4,4',6-Hexachloro-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.95 ng/ul	171172	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





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Data File : BG046975.D
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Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

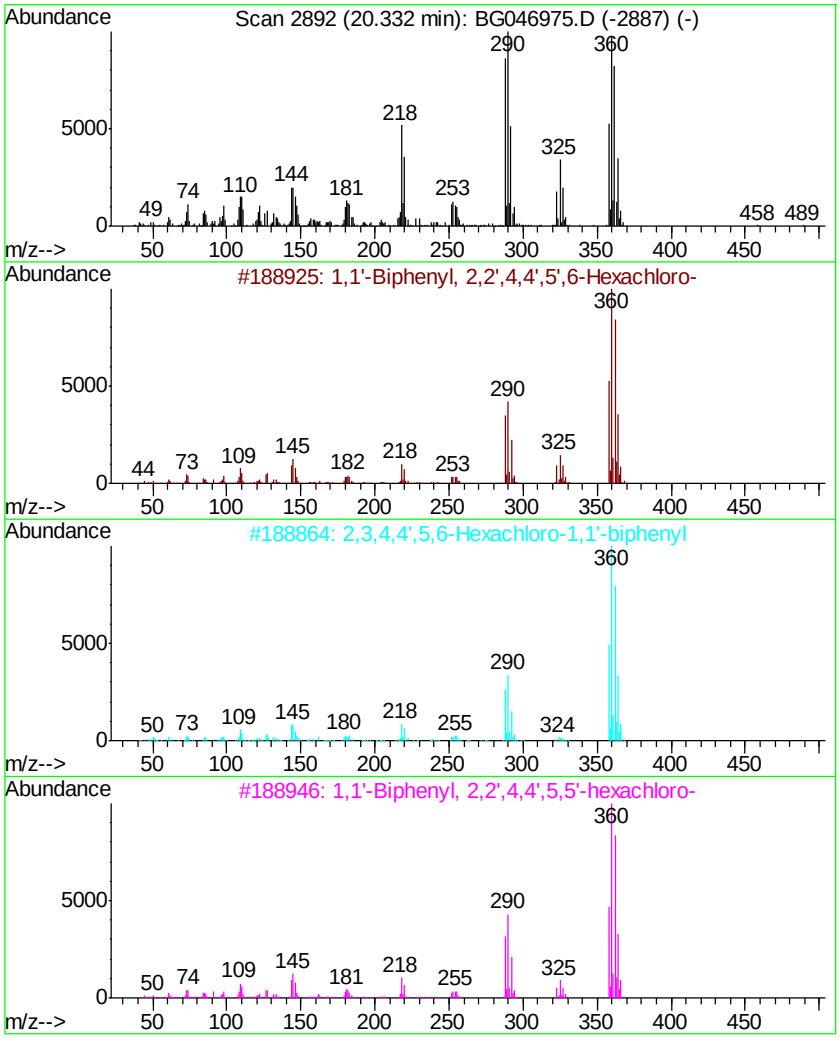
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

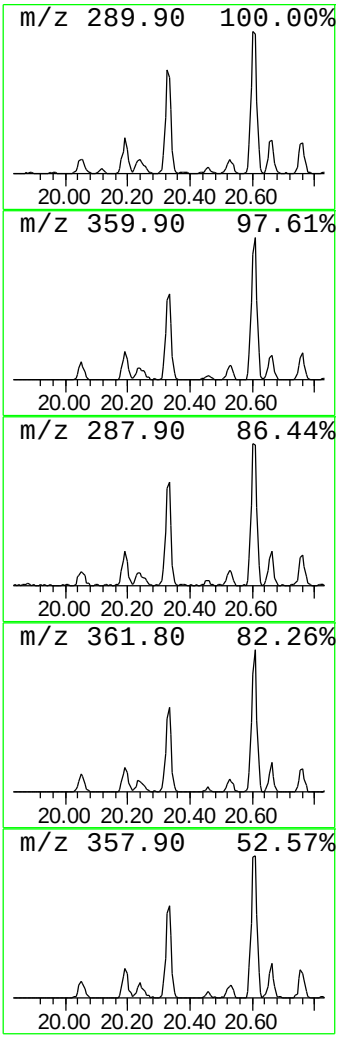
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	9.25 ng/ul	536174	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

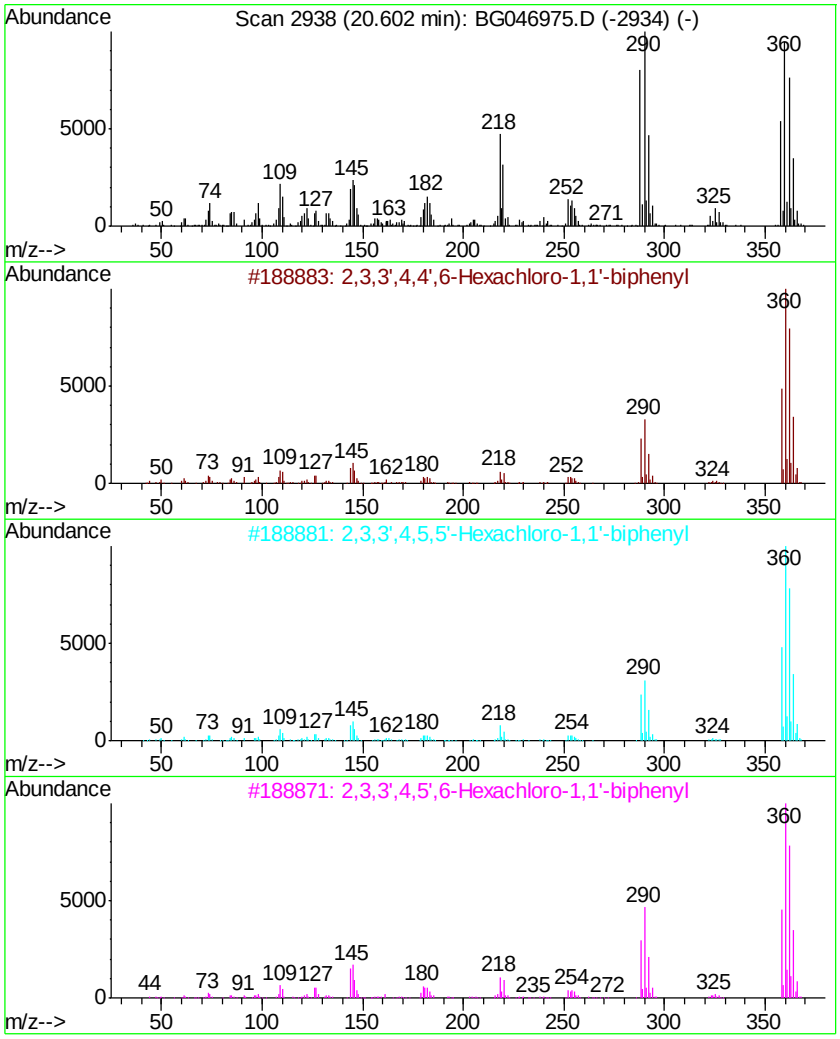
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

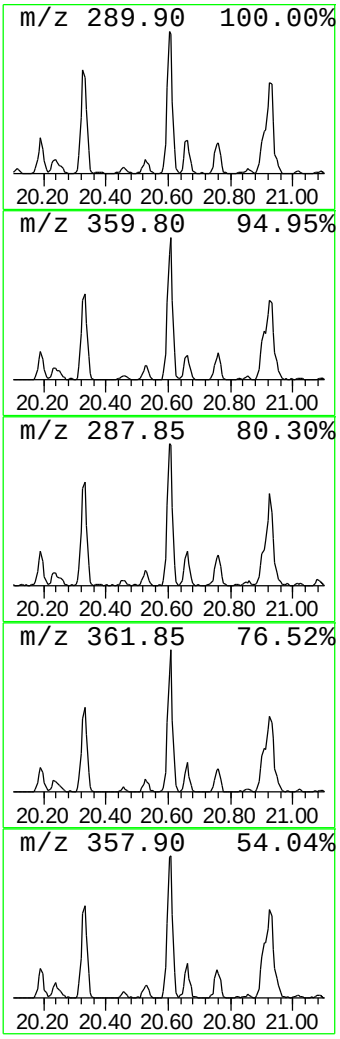
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	12.17 ng/ul	705415	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	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	074472-44-9	99





Library Search Compound Report

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Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

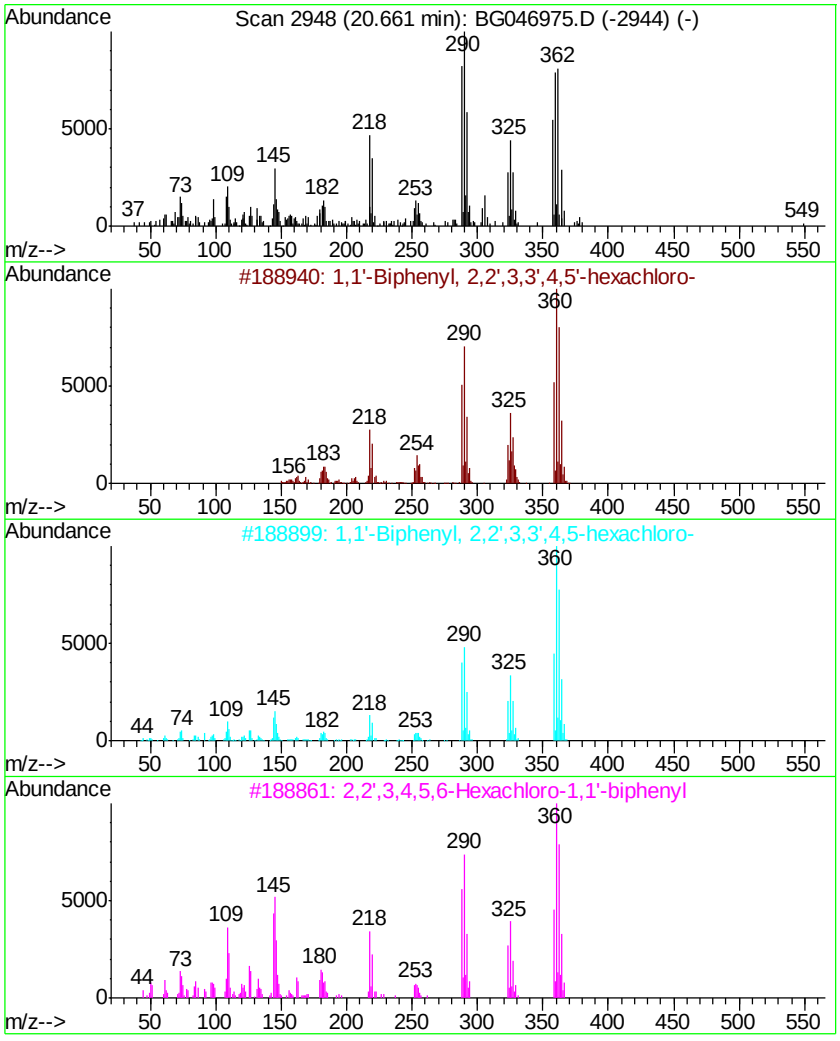
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

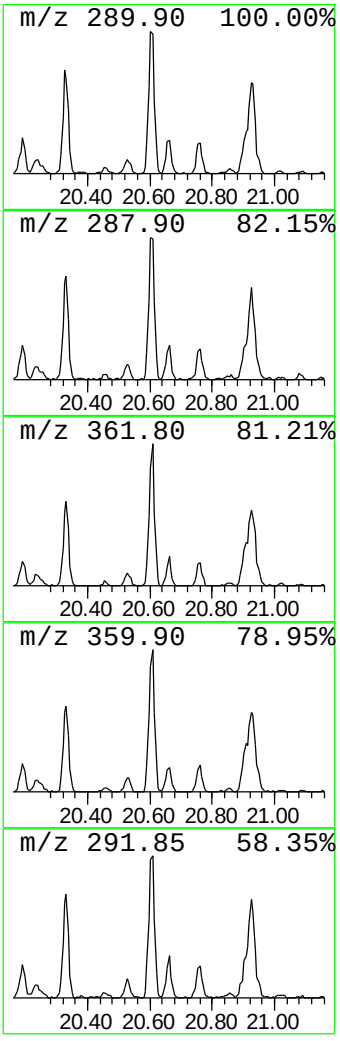
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	4.14 ng/ul	240056	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	96
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96
3	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	96
4	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	96
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	95





Library Search Compound Report

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Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
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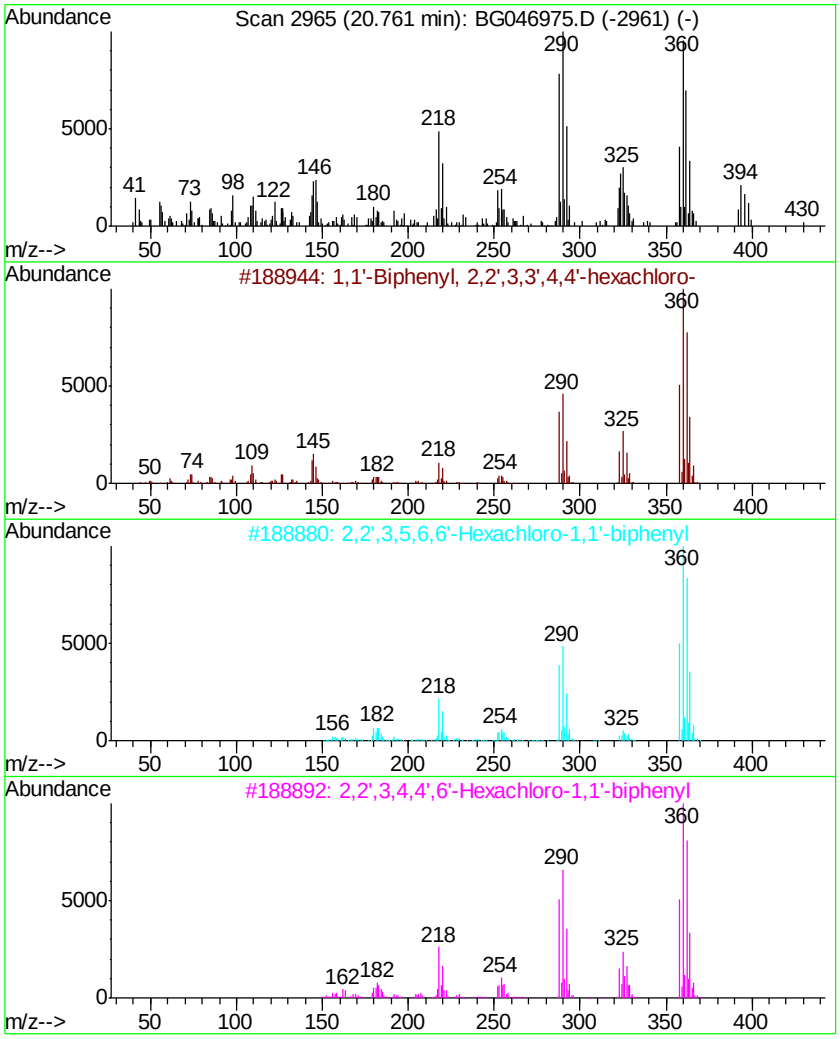
Quant Title : SVOA CALIBRATION

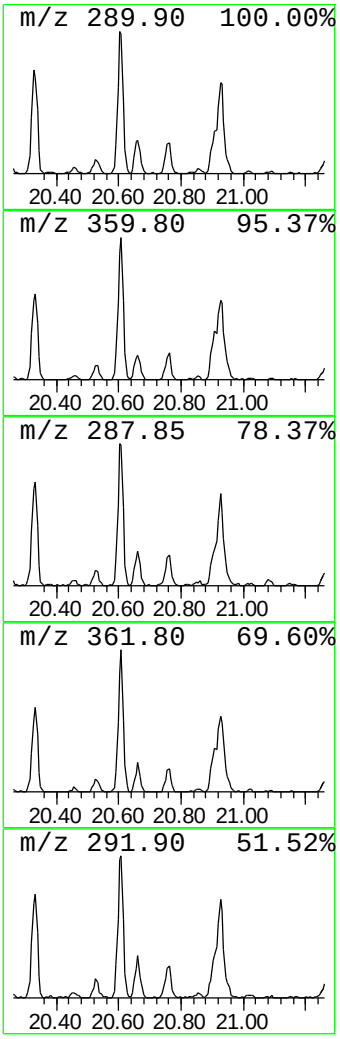
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	4.88 ng/ul	282971	Chrysene-d12	21.71

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	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





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Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
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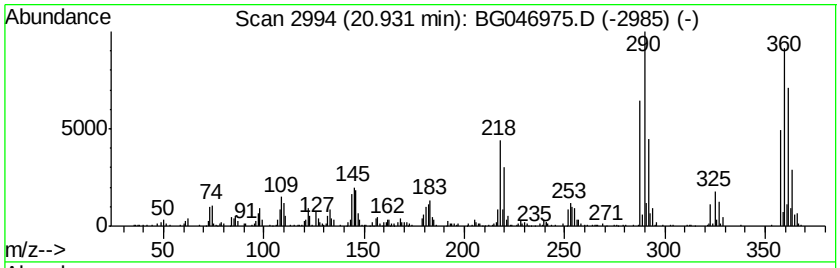
Quant Title : SVOA CALIBRATION

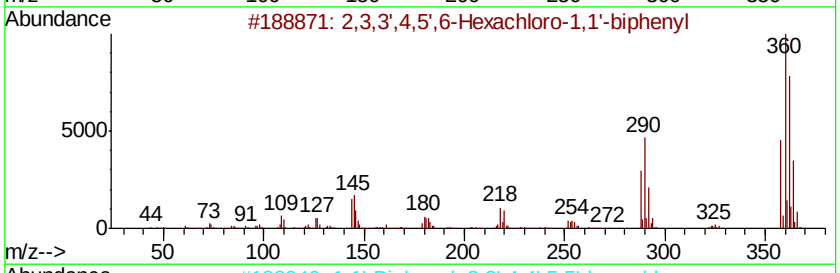
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

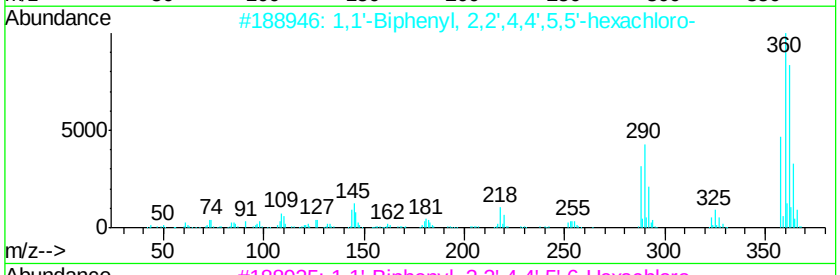
****
Peak Number 15 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 3

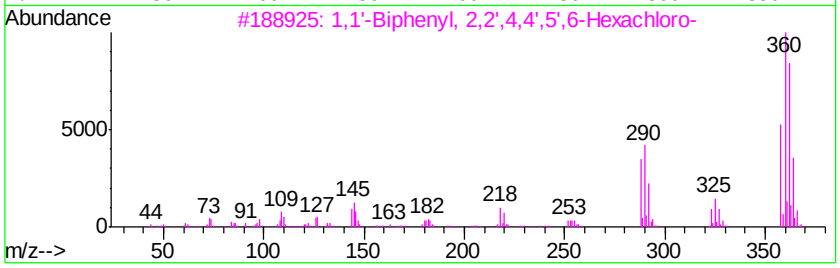
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	11.92 ng/ul	690729	Chrysene-d12	21.71

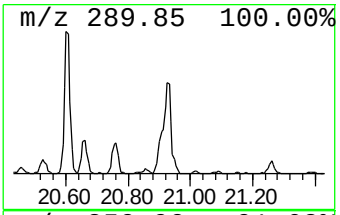
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
4	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99

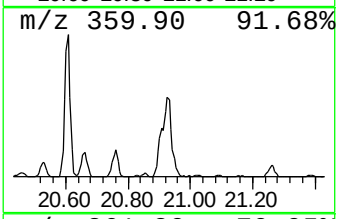


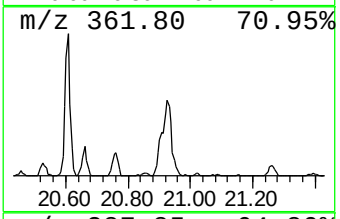


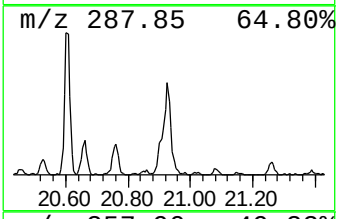


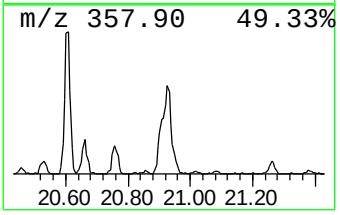












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Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

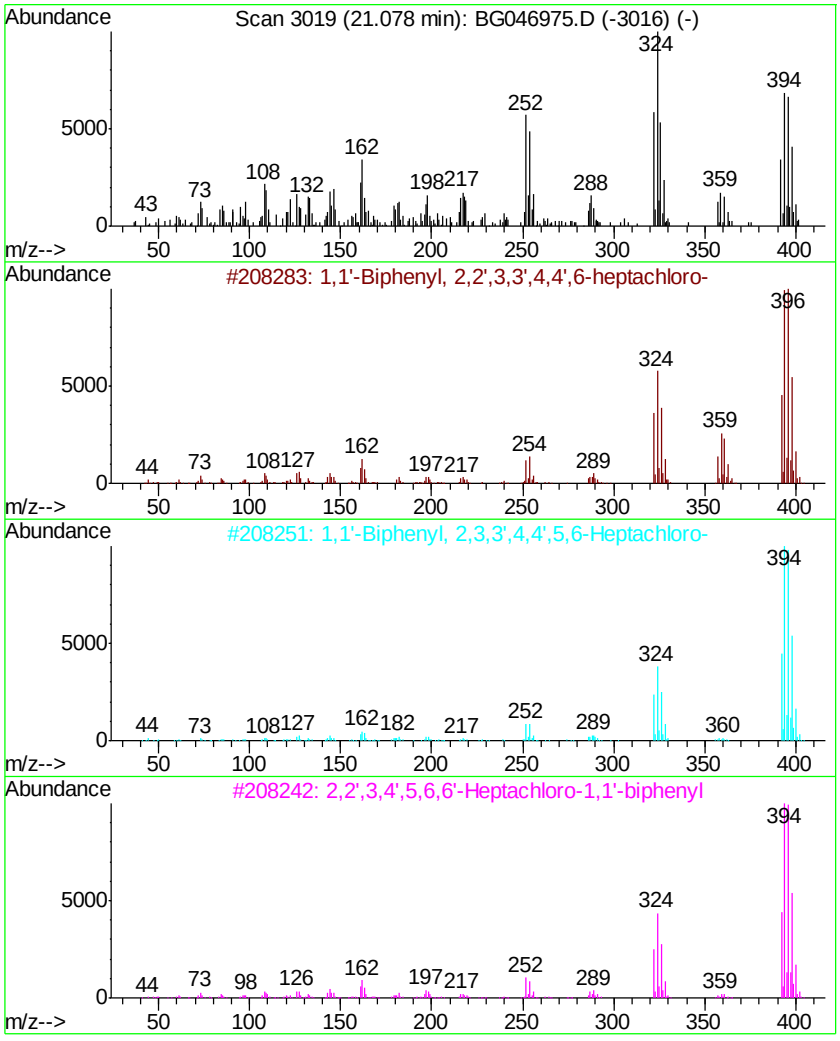
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

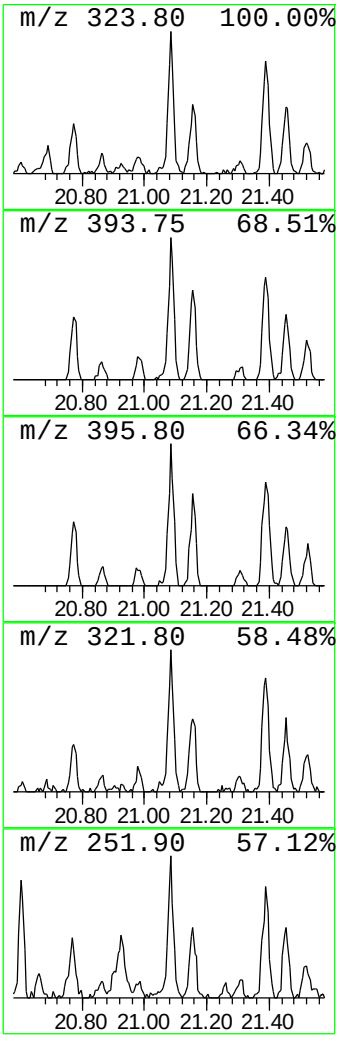
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	4.33 ng/ul	250778	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
3	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

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

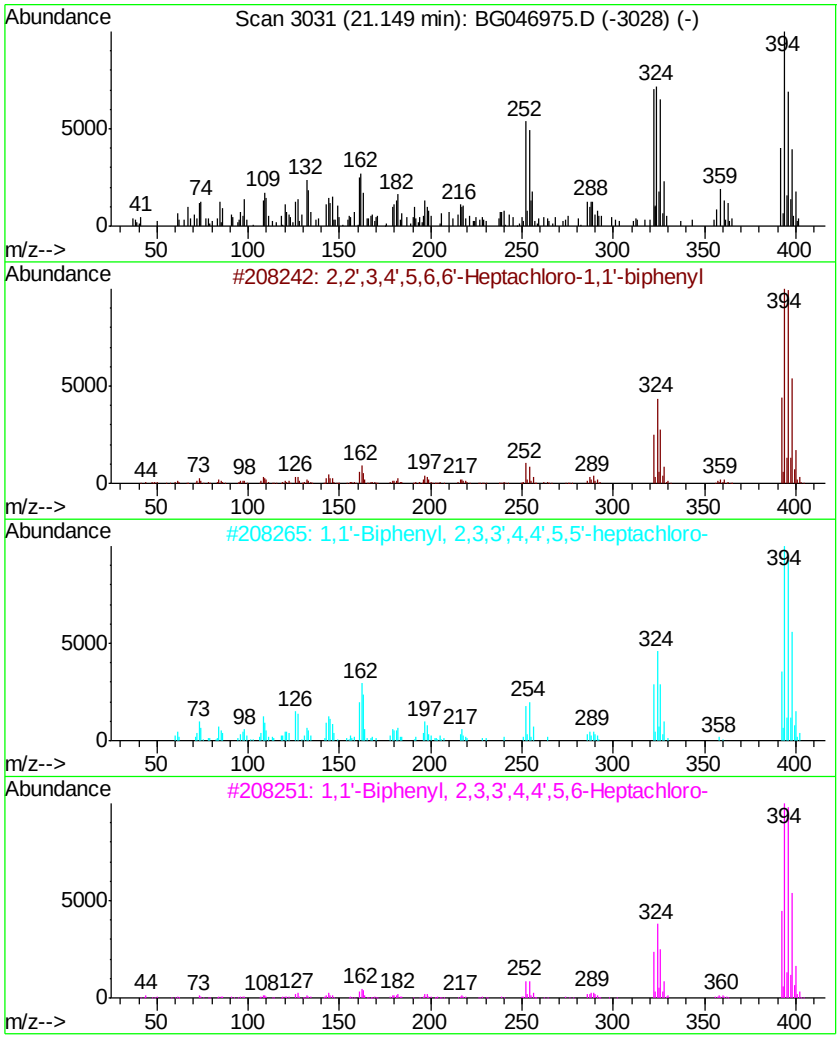
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

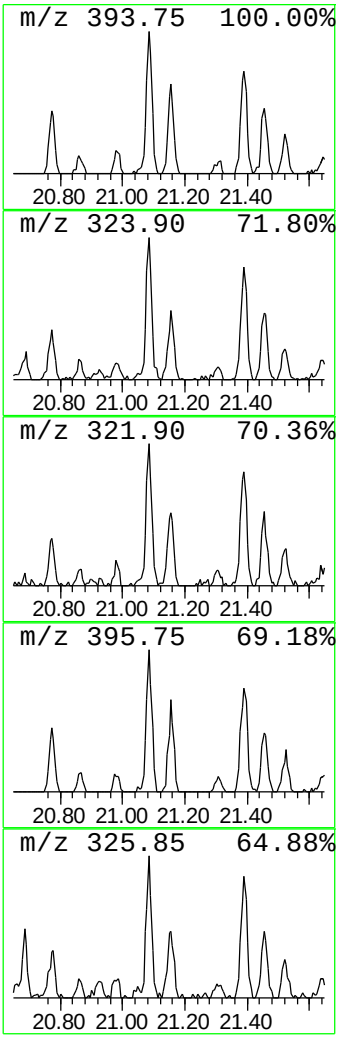
****

Peak Number 17 2,2',3,4',5,6,6'-Heptachlor... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.47 ng/ul	143215	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
2	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	98





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Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

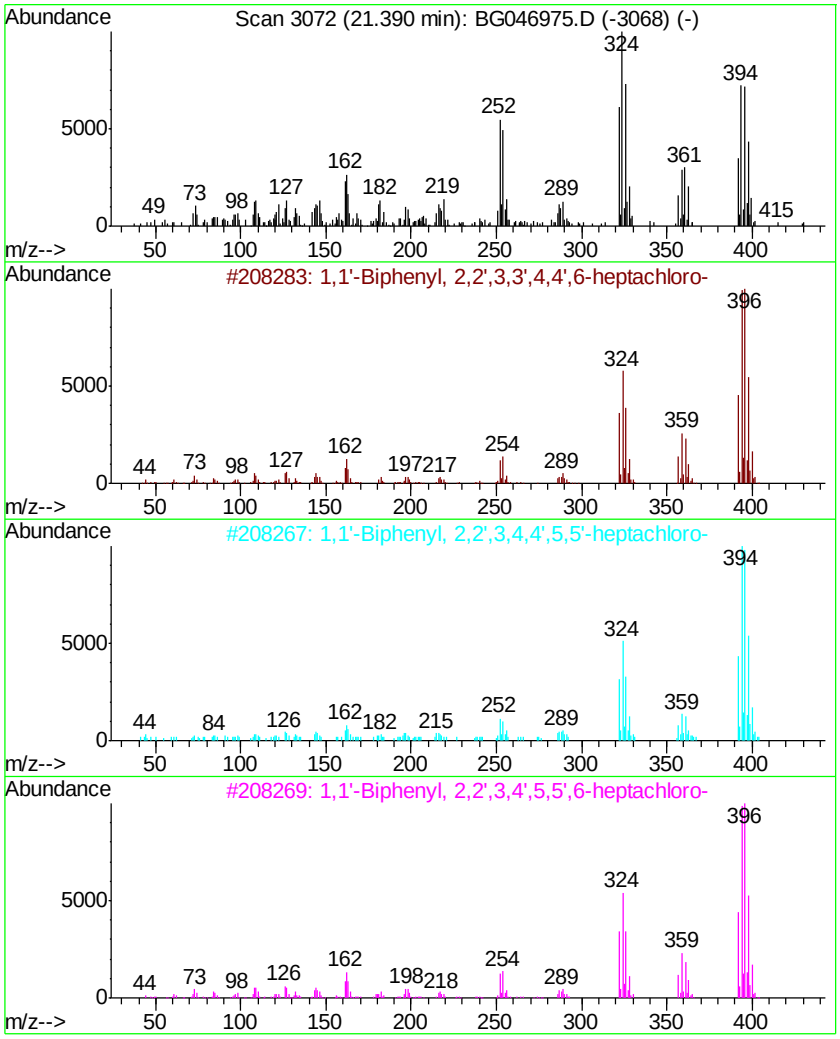
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

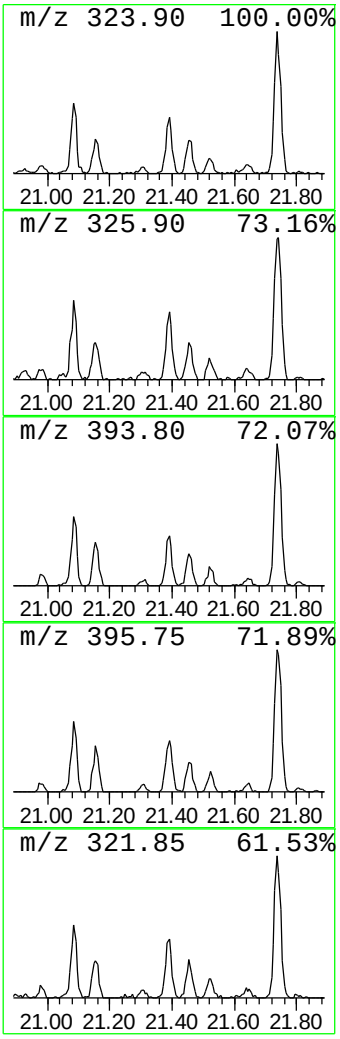
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	4.10 ng/ul	237467	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99





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Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

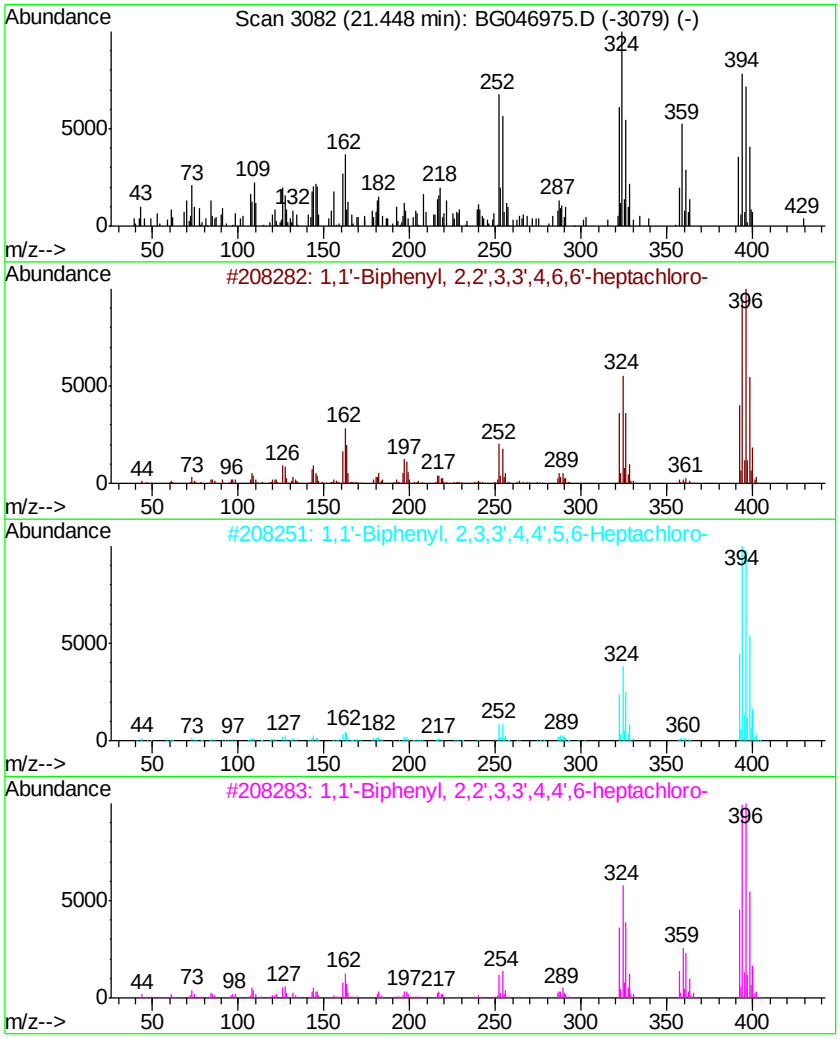
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

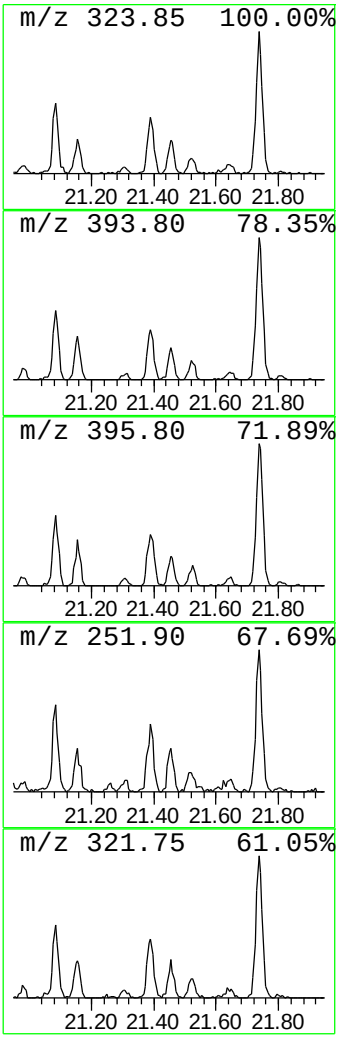
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.63 ng/ul	152728	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	96
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	96
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	96
4	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	96
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	96





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Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

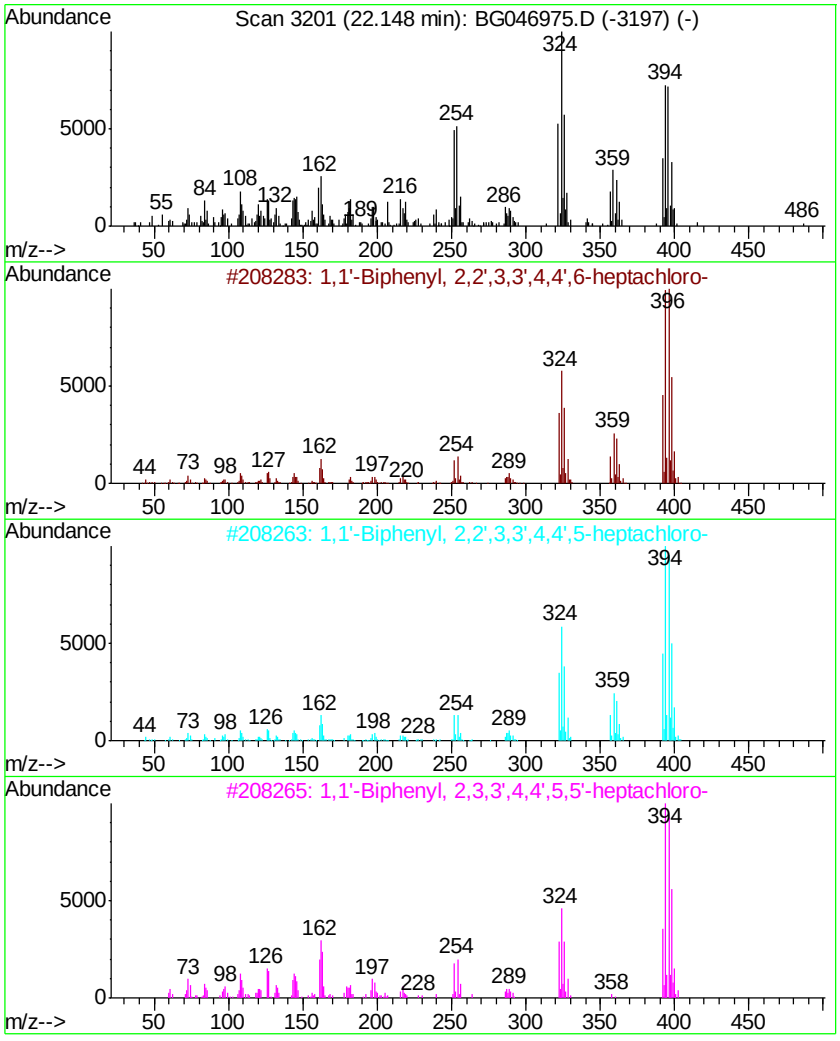
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

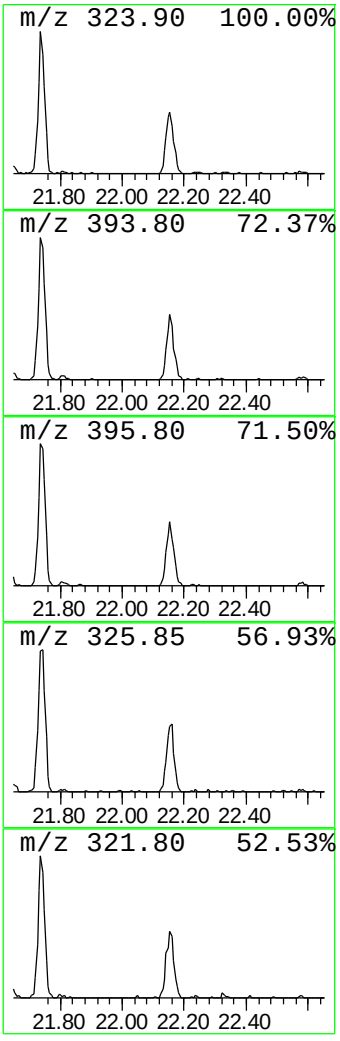
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	5.06 ng/ul	293361	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101720\
Data File : BG046975.D
Acq On : 18 Oct 2020 15:08
Operator : CG/JU
Sample : L4402-03
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB6

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.40	24.8	ng/ul	636586	1	8.06	512559	20.0
1,1'-Biphenyl, 2,...	18.04	4.5	ng/ul	224492	4	17.44	1005760	20.0
1,1'-Biphenyl, 2,...	18.50	3.6	ng/ul	181985	4	17.44	1005760	20.0
1,1'-Biphenyl, 2,...	18.56	2.1	ng/ul	104133	4	17.44	1005760	20.0
1,1'-Biphenyl, 2,...	18.79	2.2	ng/ul	108960	4	17.44	1005760	20.0
1,1'-Biphenyl, 3,...	19.32	2.5	ng/ul	126577	4	17.44	1005760	20.0
1,1'-Biphenyl, 2,...	19.35	6.8	ng/ul	342139	4	17.44	1005760	20.0
1,1'-Biphenyl, 2,...	19.63	5.5	ng/ul	318822	5	21.71	1159320	20.0
1,1'-Biphenyl, 2,...	20.07	4.6	ng/ul	264883	5	21.71	1159320	20.0
2,3,3',4,4',6-Hex...	20.19	3.0	ng/ul	171172	5	21.71	1159320	20.0
1,1'-Biphenyl, 2,...	20.33	9.3	ng/ul	536174	5	21.71	1159320	20.0
2,3,3',4,5,5'-Hex...	20.60	12.2	ng/ul	705415	5	21.71	1159320	20.0
1,1'-Biphenyl, 2,...	20.66	4.1	ng/ul	240056	5	21.71	1159320	20.0
1,1'-Biphenyl, 2,...	20.76	4.9	ng/ul	282971	5	21.71	1159320	20.0
2,3,3',4,5',6-Hex...	20.93	11.9	ng/ul	690729	5	21.71	1159320	20.0
1,1'-Biphenyl, 2,...	21.08	4.3	ng/ul	250778	5	21.71	1159320	20.0
2,2',3,4',5,6,6'-...	21.15	2.5	ng/ul	143215	5	21.71	1159320	20.0
1,1'-Biphenyl, 2,...	21.39	4.1	ng/ul	237467	5	21.71	1159320	20.0
1,1'-Biphenyl, 2,...	21.45	2.6	ng/ul	152728	5	21.71	1159320	20.0
1,1'-Biphenyl, 2,...	22.15	5.1	ng/ul	293361	5	21.71	1159320	20.0