LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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	3.398	6	10	17	rVB	592962	652917	16.73%	1.817%
2	3.745	65	69	73	rVB	17859	22967	0.59%	0.064%
3	4.227	147	151	154	rVB2	5151	6069	0.16%	0.017%
4	8.058	797	803	814	rBV	216051	376526	9.65%	1.048%
5	10.872	1273	1282	1300	rBV	279371	506552	12.98%	1.410%
6	14.691	1925	1932	1940	rBV2	428544	675083	17.30%	1.879%
7	15.743	2107	2111	2116	rVB5	3551	5892	0.15%	0.016%
8	15.937	2140	2144	2146	rBV3	5376	7713	0.20%	0.021%
9	16.401	2222	2223	2227	rVB4	4342	5312	0.14%	0.015%
10	16.512	2239	2242	2245	rBV4	3277	4520	0.12%	0.013%
11	16.835	2293	2297	2301	rVB7	3806	5413	0.14%	0.015%
12	16.965	2312	2319	2325	rBV	164953	245169	6.28%	0.682%
13	17.035	2327	2331	2334	rVV6	3490	5253	0.13%	0.015%
14	17.141	2345	2349	2352	rBV6	3709	6566	0.17%	0.018%
15	17.306	2373	2377	2380	rBV5	15050	19931	0.51%	0.055%
16	17.347	2380	2384	2388	rVB4	27378	38252	0.98%	0.106%
17	17.435	2391	2399	2404	rBV	464876	812434	20.81%	2.261%
18	17.605	2423	2428	2435	rVB	142118	207561	5.32%	0.578%
19	17.723	2445	2448	2451	rVB5	5132	6833	0.18%	0.019%
20	17.811	2460	2463	2469	rBV8	8685	14307	0.37%	0.040%
21	17.881	2469	2475	2477	rVV	78857	110059	2.82%	0.306%
22	17.911	2477	2480	2486	rVV	147463	209563	5.37%	0.583%
23	17.975	2488	2491	2493	rVV4	7459	9328	0.24%	0.026%
24	18.040	2493	2502	2508	rVV	2741947	3903151	100.00%	10.864%
25	18.093	2508	2511	2515	rVV6	7658	9106	0.23%	0.025%
26	18.146	2515	2520	2528	rVB3	334347	532317	13.64%	1.482%
27	18.228	2528	2534	2538	rBV2	93533	141310	3.62%	0.393%
28	18.281	2538	2543	2548	rVV	956664	1364309	34.95%	3.797%
29	18.334	2548	2552	2560	rVV	419937	603644	15.47%	1.680%
30	18.445	2566	2571	2575	rVV	142045	196029	5.02%	0.546%
31	18.498	2575	2580	2585	rVV	1487851	2010250	51.50%	5.595%
32	18.557	2585	2590	2594	rVV	1187913	1659500	42.52%	4.619%
33	18.604	2594	2598	2605	rVB	621944	795067	20.37%	2.213%
34	18.780	2622	2628	2633	rBV	1439641	2095293	53.68%	5.832%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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	18.827	2633	2636	2641	rVV	580220	788114	20.19%	2.194%
36	18.880	2641	2645	2648	rVV	119265	152367	3.90%	0.424%
37	18.921	2648	2652	2654	rVV	271627	353158	9.05%	0.983%
38	18.957	2654	2658	2664	rVB	1166579	1531225	39.23%	4.262%
39	19.021	2664	2669	2671	rBV5	22512	31264	0.80%	0.087%
40	19.056	2671	2675	2680	rVB	307780	407406	10.44%	1.134%
41	19.127	2681	2687	2695	rVB	72175	107393	2.75%	0.299%
42	19.203	2695	2700	2704	rBV	92256	125737	3.22%	0.350%
43	19.262	2704	2710	2714	rBV	983751	1266060	32.44%	3.524%
44	19.309	2714	2718	2720	rVV	204653	268581	6.88%	0.748%
45	19.350	2720	2725	2731	rVB2	1874513	2788185	71.43%	7.760%
46	19.421	2733	2737	2741	rBV2	119641	149002	3.82%	0.415%
47	19.468	2741	2745	2747	rBV3	41169	68608	1.76%	0.191%
48	19.562	2753	2761	2767	rBV	1006938	2096443	53.71%	5.835%
49	19.620	2767	2771	2777	rVV	701096	961711	24.64%	2.677%
50	19.679	2777	2781	2786	rVV	284200	372551	9.54%	1.037%
51	19.744	2786	2792	2796	rVV8	14743	29139	0.75%	0.081%
52	19.808	2799	2803	2807	rVV2	61722	73920	1.89%	0.206%
53	19.879	2810	2815	2821	rVV	244227	335805	8.60%	0.935%
54	19.955	2821	2828	2832	rVV	343808	460678	11.80%	1.282%
55	20.008	2832	2837	2840	rVV	180165	241470	6.19%	0.672%
56	20.061	2840	2846	2850	rVV	568635	780051	19.99%	2.171%
57	20.108	2850	2854	2860	rVV	157992	202441	5.19%	0.563%
58	20.208	2862	2871	2880	rBV2	146369	308371	7.90%	0.858%
59	20.273	2880	2882	2885	rVV4	24779	27944	0.72%	0.078%
60	20.326	2885	2891	2895	rVV2	179740	285693	7.32%	0.795%
61	20.373	2895	2899	2904	rVB	488994	605528	15.51%	1.685%
62	20.449	2907	2912	2916	rBV8	24843	48626	1.25%	0.135%
63	20.514	2919	2923	2930	rVB7	53026	96845	2.48%	0.270%
64	20.596	2933	2937	2942	rBV	207923	255227	6.54%	0.710%
65	20.655	2942	2947	2948	rBV2	87179	105773	2.71%	0.294%
66	20.678	2948	2951	2958	rVB	321371	397909	10.19%	1.108%
67	20.754	2960	2964	2971	rVB6	55383	96585	2.47%	0.269%
68	20.825	2973	2976	2978	rBV4	13364	16896	0.43%	0.047%
69	20.848	2978	2980	2984	rVB5	19767	22793	0.58%	0.063%
70	20.919	2984	2992	2999	rBV2	165132	318928	8.17%	0.888%
71	21.013	3006	3008	3010	rVB3	15504	9966	0.26%	0.028%

LSC Area Percent Report

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Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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	21.078	3015	3019	3025	rVB5	69009	89397	2.29%	0.249%
73	21.148	3027	3031	3035	rVB6	35596	45044	1.15%	0.125%
74	21.254	3045	3049	3053	rVB6	33744	42966	1.10%	0.120%
75	21.383	3066	3071	3078	rBV9	51121	73117	1.87%	0.204%
76	21.448	3078	3082	3087	rVB7	32298	51429	1.32%	0.143%
77	21.512	3091	3093	3095	rBV3	10617	9934	0.25%	0.028%
78	21.642	3113	3115	3116	rVB2	9300	5545	0.14%	0.015%
79	21.700	3119	3125	3137	rVB2	504258	1013667	25.97%	2.821%
80	22.141	3196	3200	3206	rVB8	42617	73350	1.88%	0.204%
81	22.223	3212	3214	3223	rVB9	24764	36847	0.94%	0.103%
82	22.317	3226	3230	3237	rVB10	21881	39741	1.02%	0.111%
83	22.499	3259	3261	3269	rVB9	10671	12644	0.32%	0.035%
84	23.116	3365	3366	3372	rVB6	13276	18197	0.47%	0.051%
85	24.544	3607	3609	3612	rBV4	9537	9163	0.23%	0.026%
86	24.932	3665	3675	3689	rVV2	304010	887324	22.73%	2.470%
87	25.443	3758	3762	3763	rBV4	7738	10034	0.26%	0.028%
88	27.147	4050	4052	4055	rBV4	5739	4812	0.12%	0.013%
89	27.511	4112	4114	4115	rVB2	8925	4295	0.11%	0.012%
90	27.593	4126	4128	4130	rBV3	7026	5662	0.15%	0.016%
91	28.128	4217	4219	4225	rBV6	6182	11420	0.29%	0.032%
92	28.675	4310	4312	4314	rVB3	8349	5932	0.15%	0.017%
93	28.780	4328	4330	4331	rVB2	7369	4066	0.10%	0.011%
94	29.879	4515	4517	4521	rBV5	5921	6963	0.18%	0.019%
95	30.414	4606	4608	4612	rBV5	6115	8547	0.22%	0.024%
96	32.499	4961	4963	4965	rBV3	6720	5648	0.14%	0.016%

Sum of corrected areas: 35928333

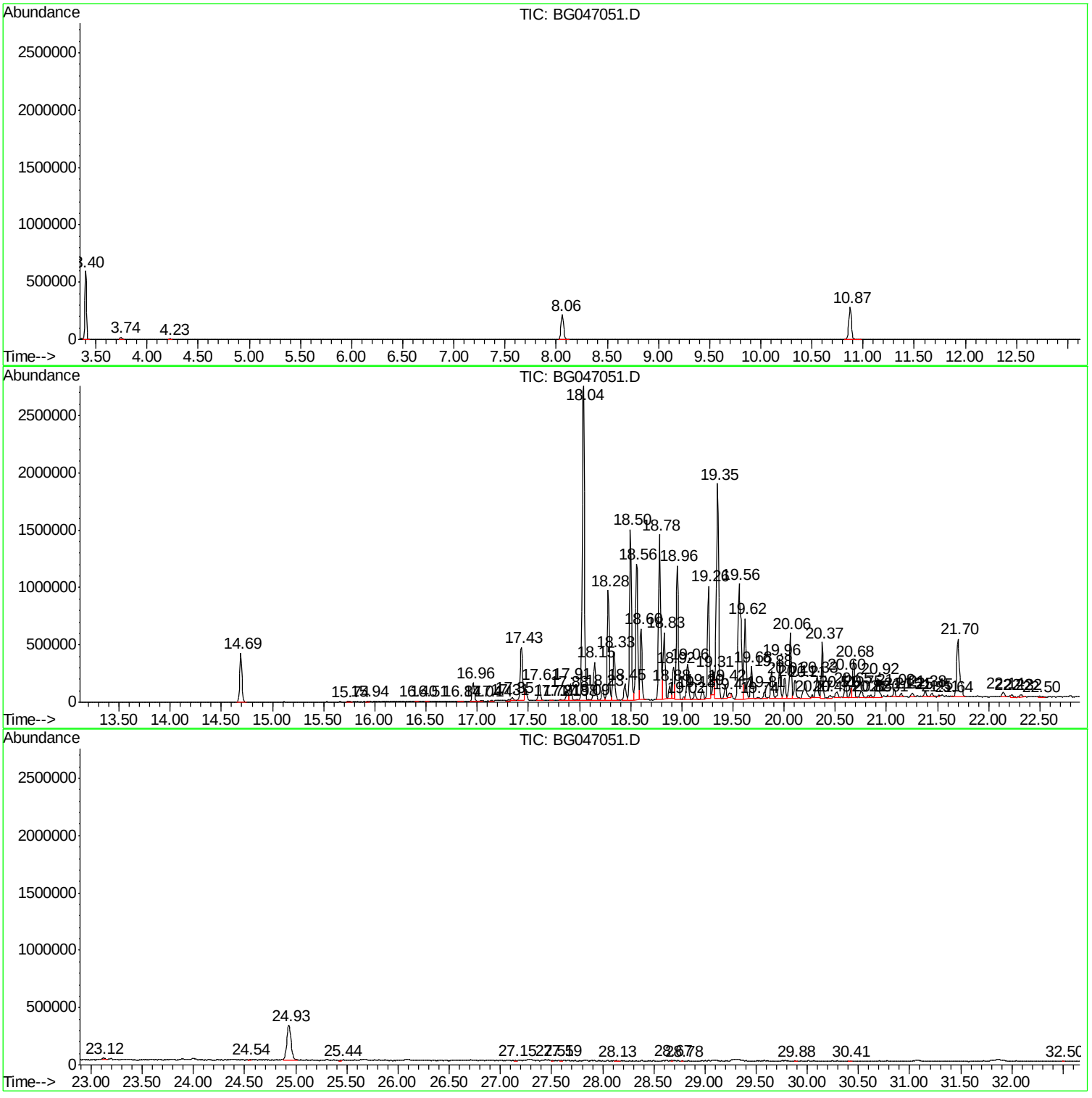
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

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\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

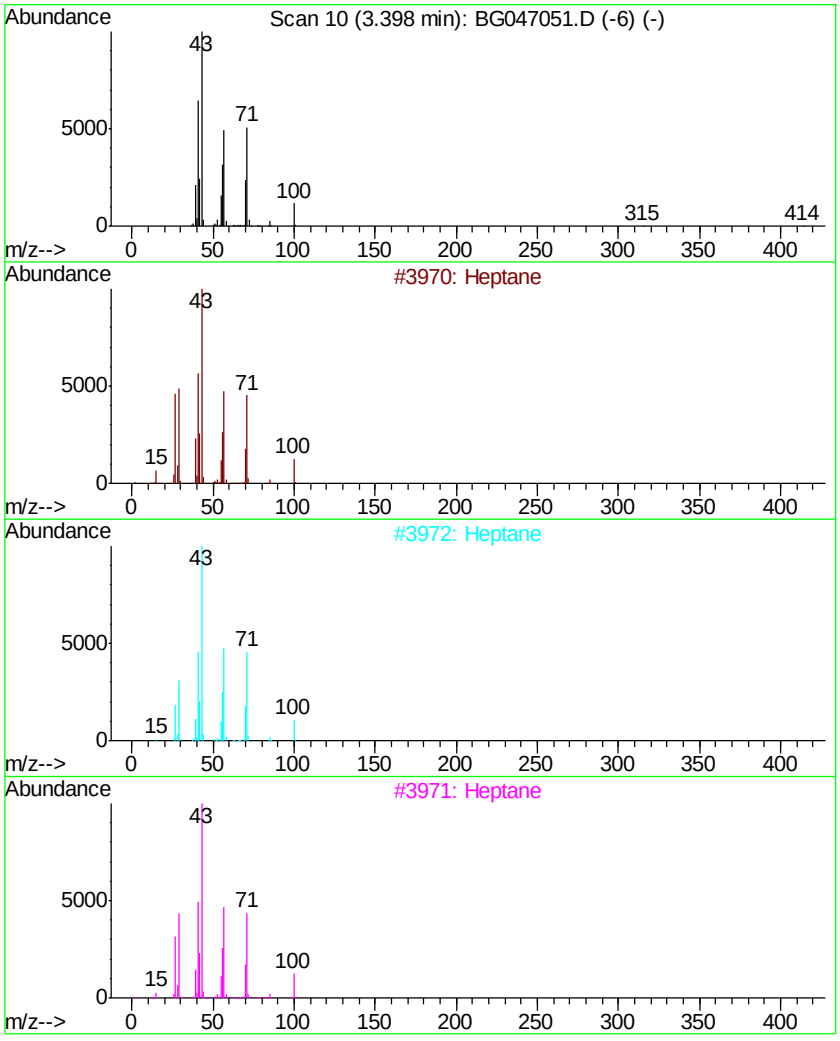
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

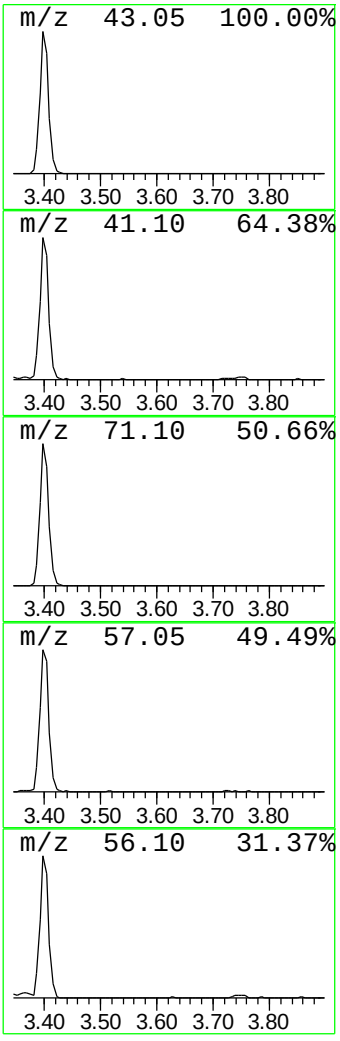
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	34.68 ng/ul	652917	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	80
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

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

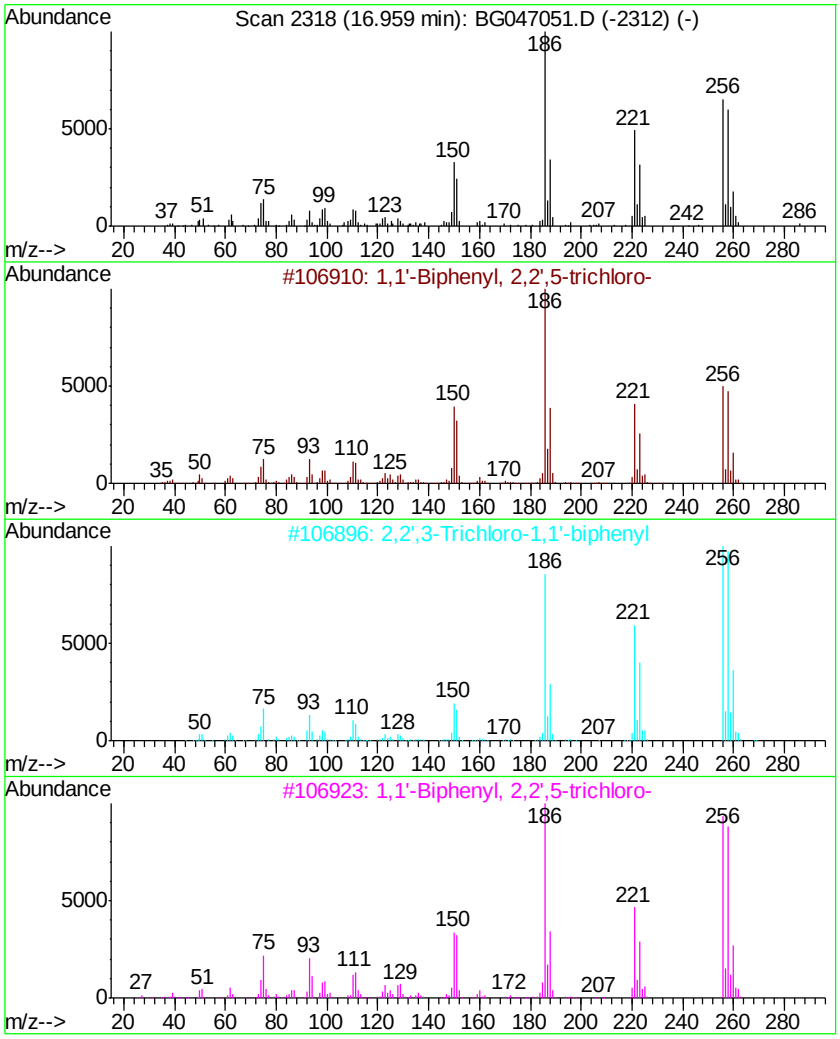
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

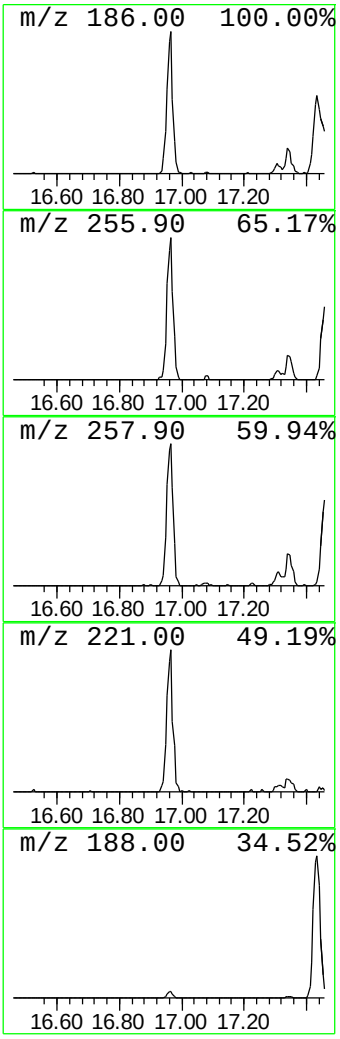
****

Peak Number 2 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	6.04 ng/ul	245169	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	98
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	97
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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

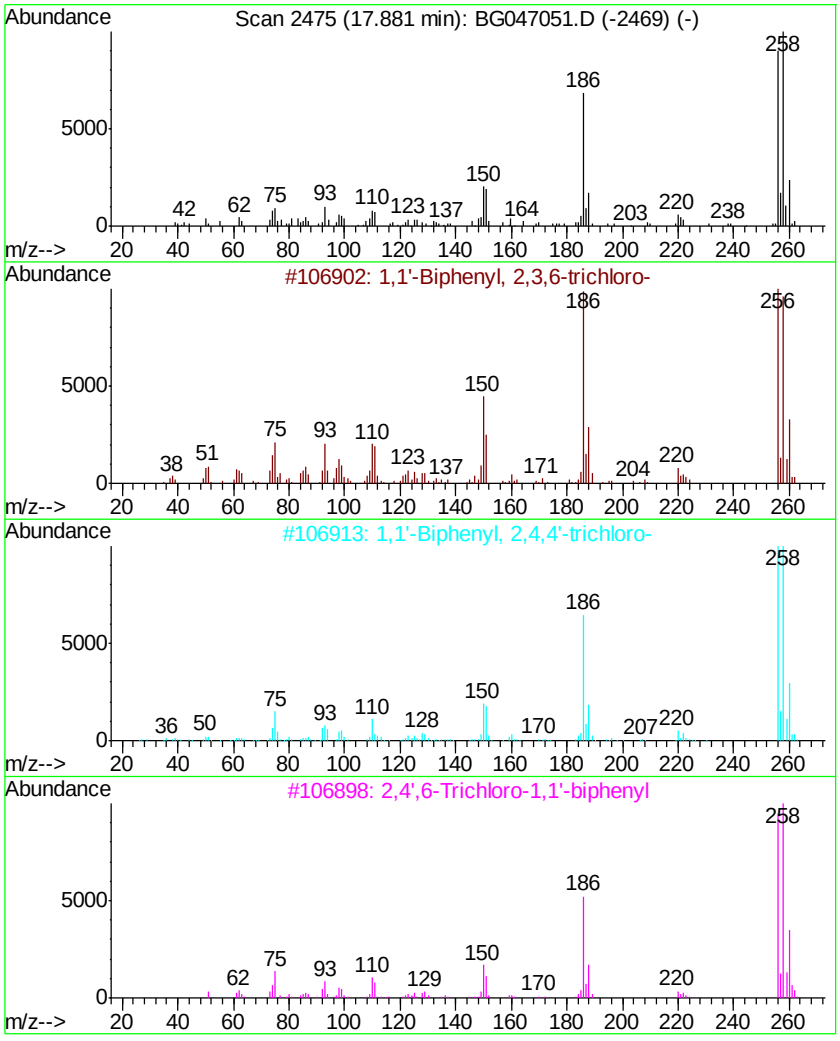
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

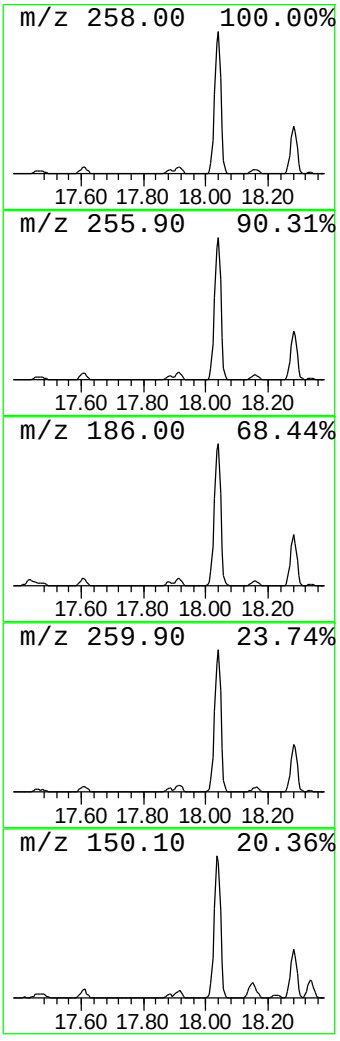
****

Peak Number 4 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.71 ng/ul	110059	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
3	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	96
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

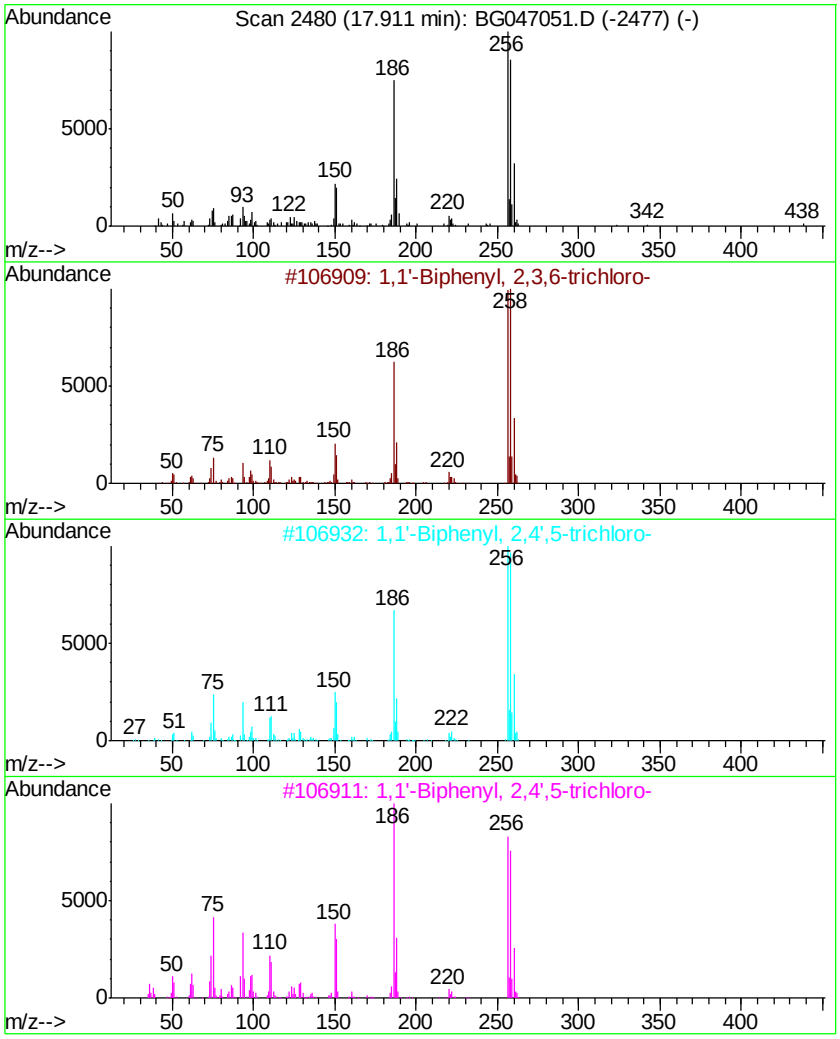
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

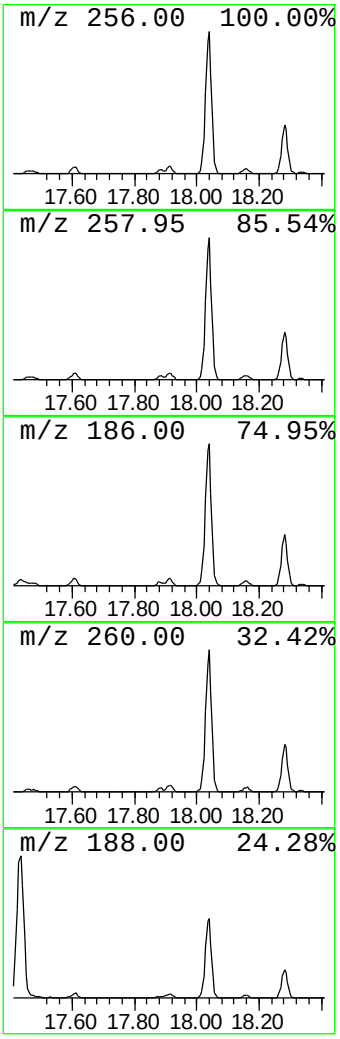
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	5.16 ng/ul	209563	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	96
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	95
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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

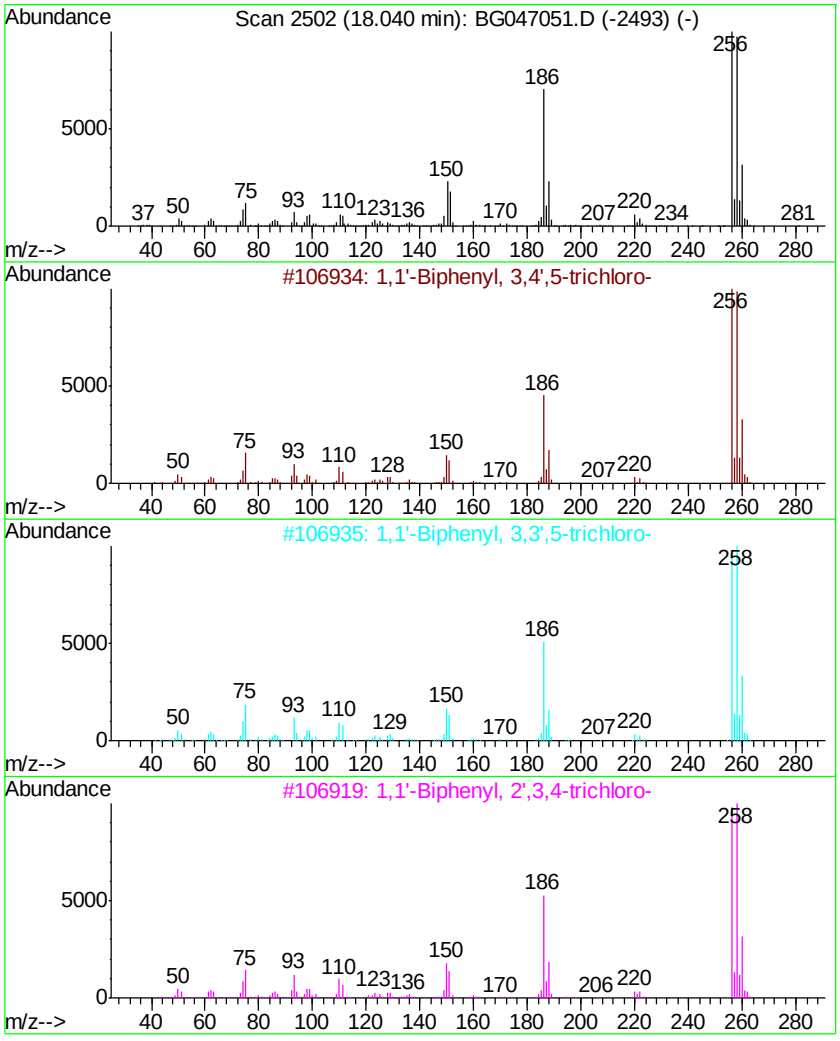
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

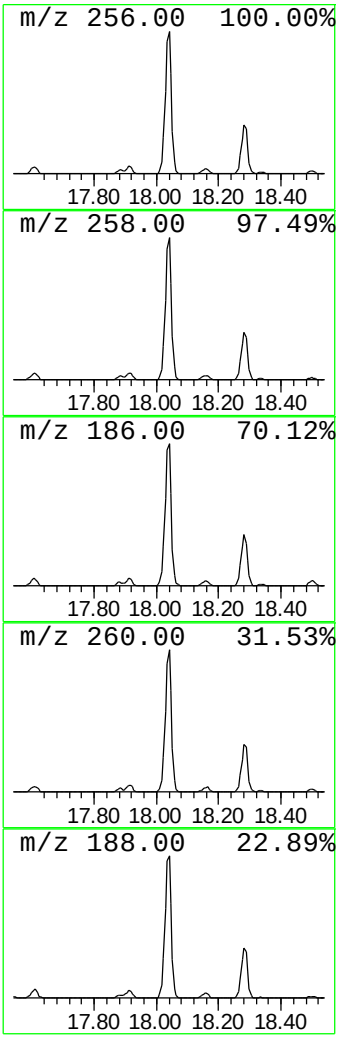
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	96.09 ng/ul	3903150	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98
2	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98





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Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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

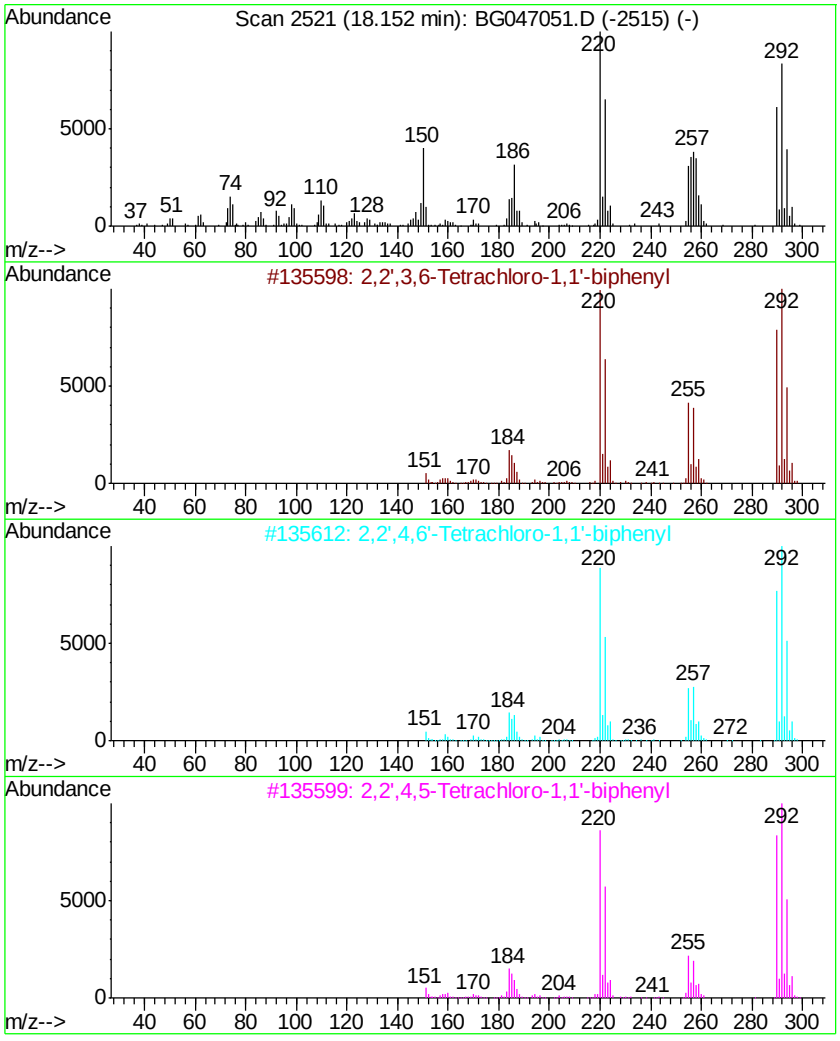
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

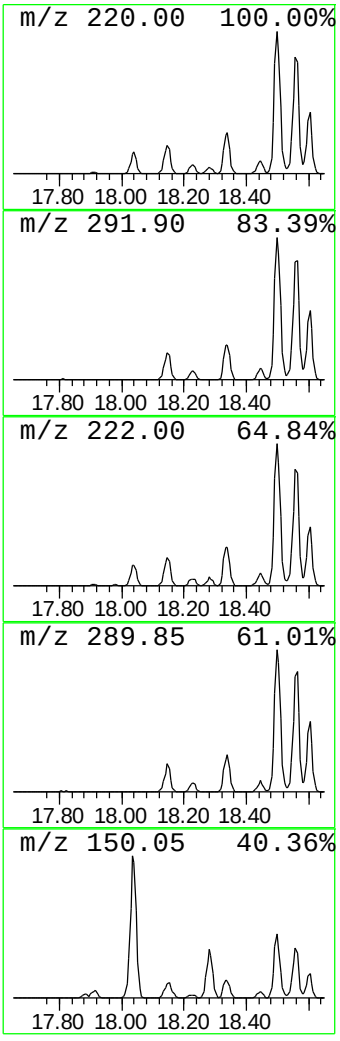
****

Peak Number 7 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	13.10 ng/ul	532317	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',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	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',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





Library Search Compound Report

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Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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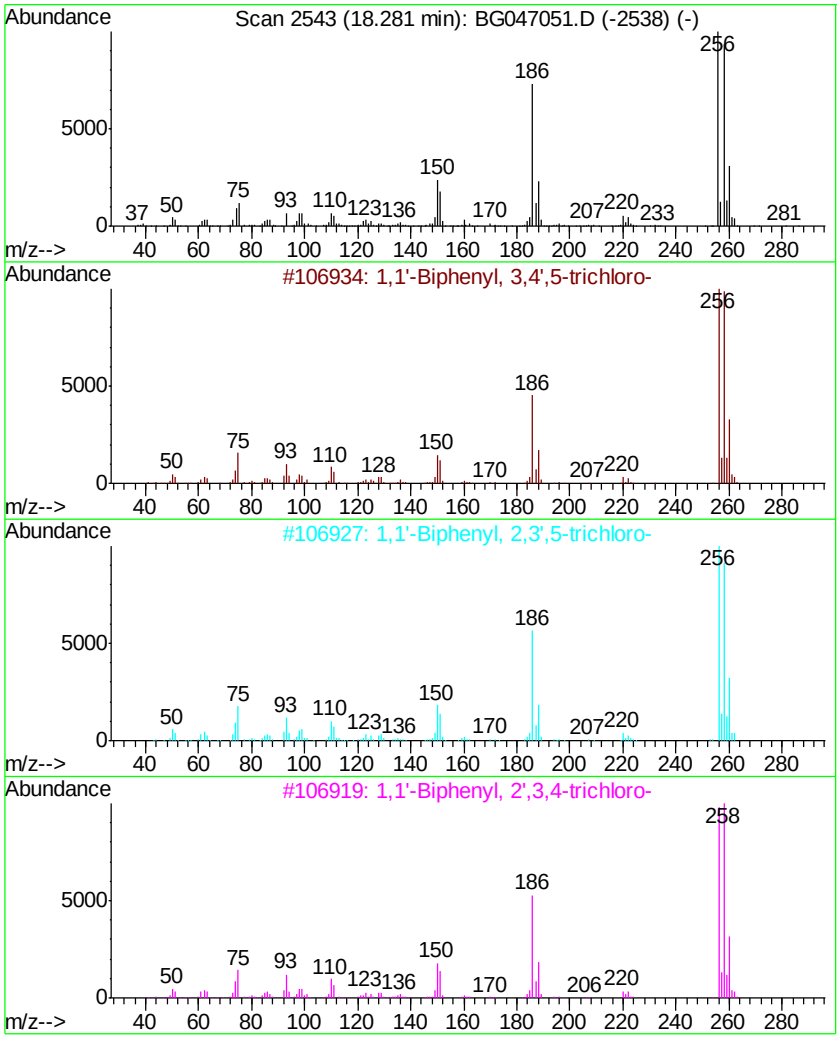
Quant Title : SVOA CALIBRATION

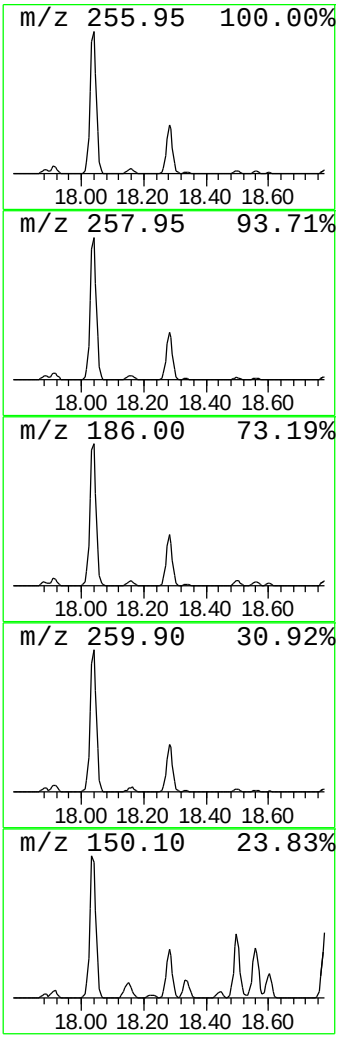
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	33.59 ng/ul	1364310	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98





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Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

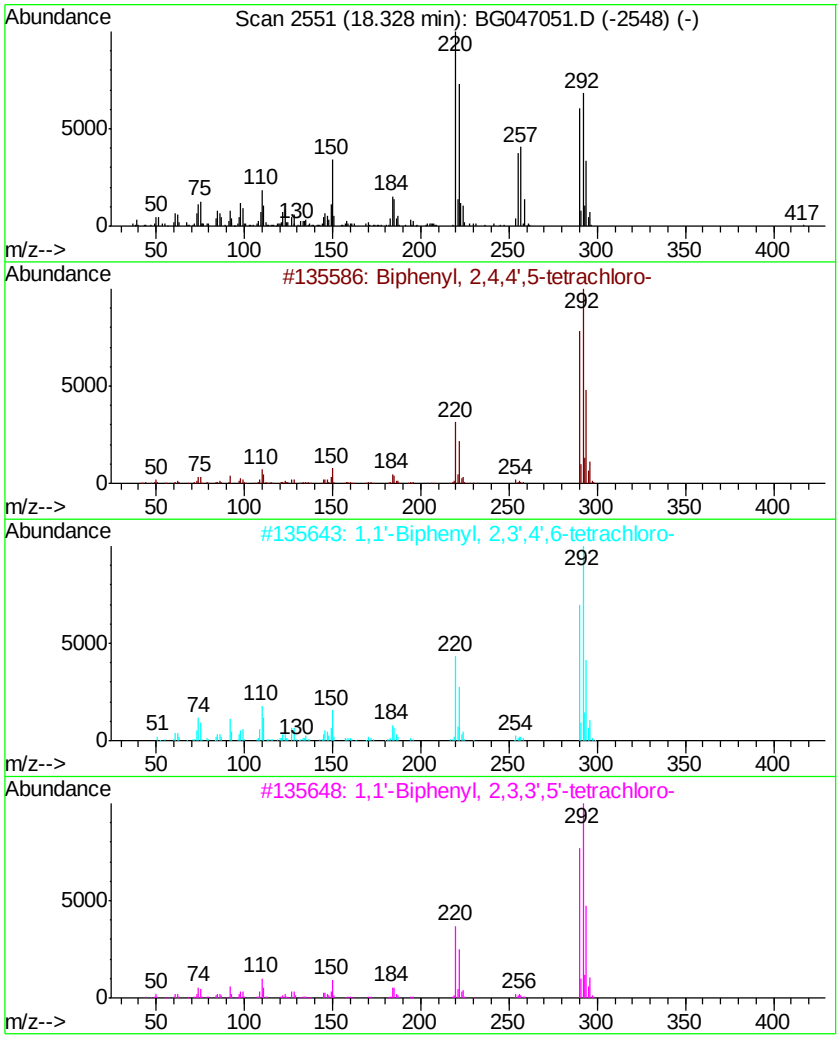
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

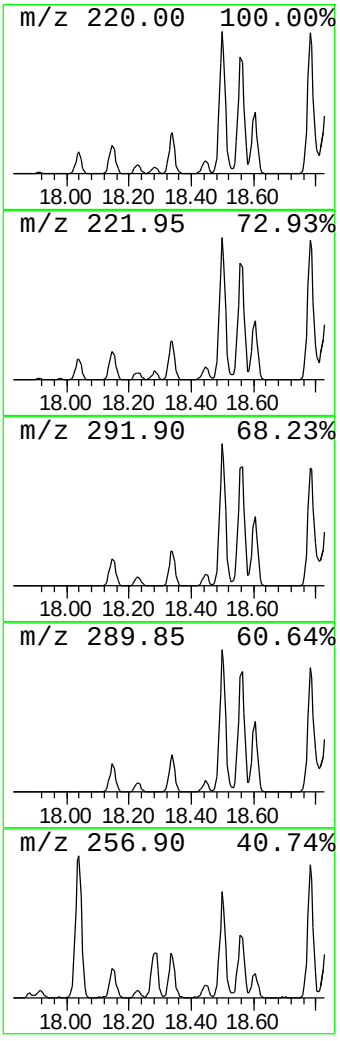
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	14.86 ng/ul	603644	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',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	97
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

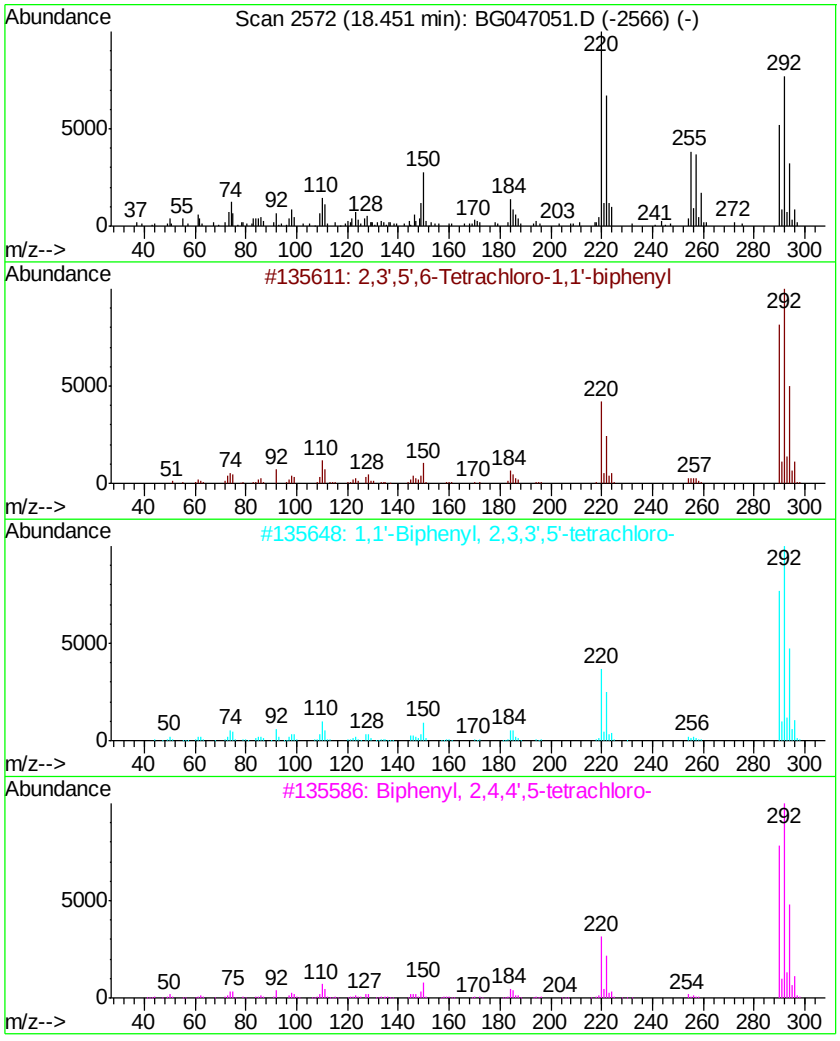
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

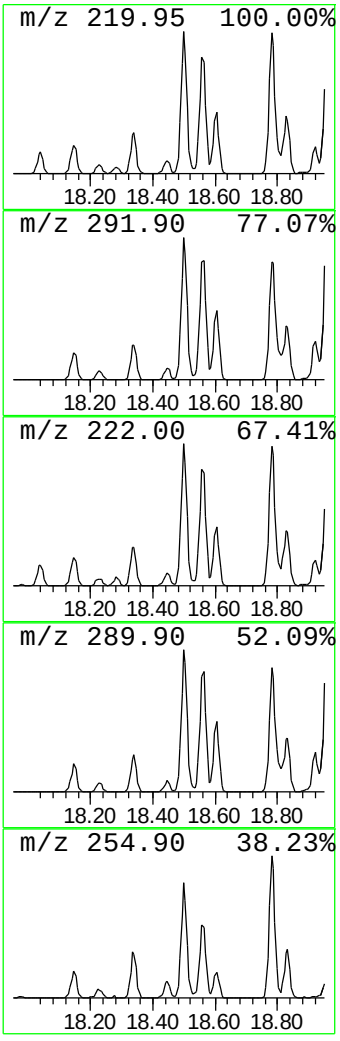
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	4.83 ng/ul	196029	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99





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Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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

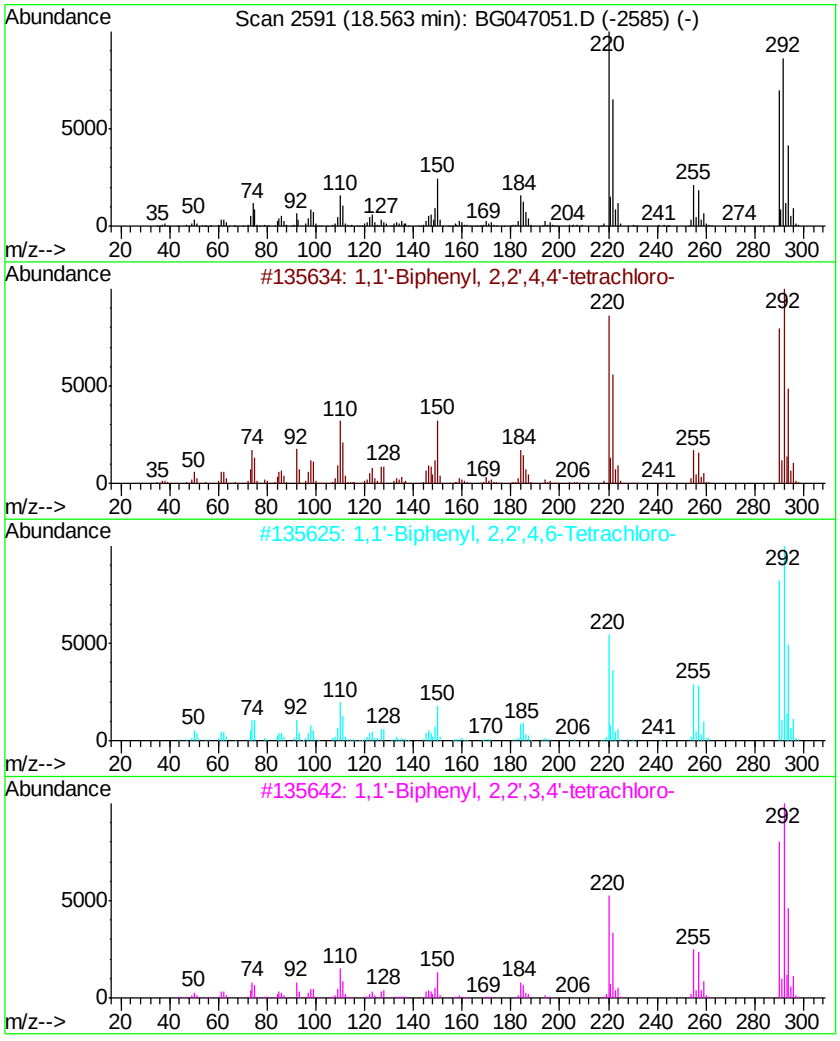
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

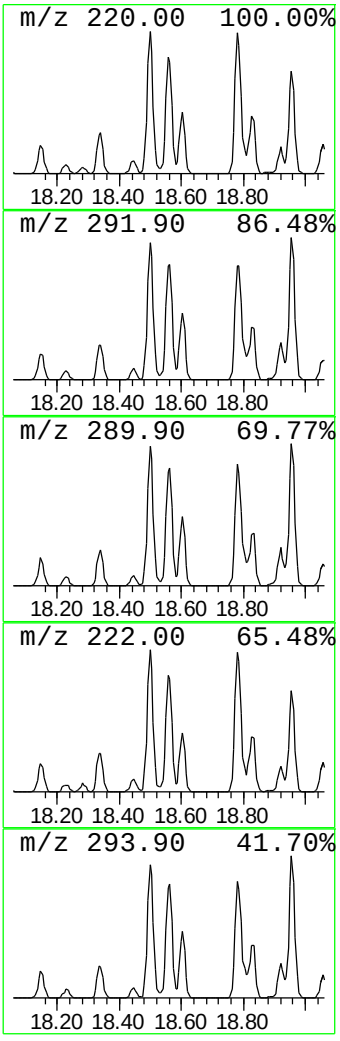
****

Peak Number 13 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	40.85 ng/ul	1659500	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

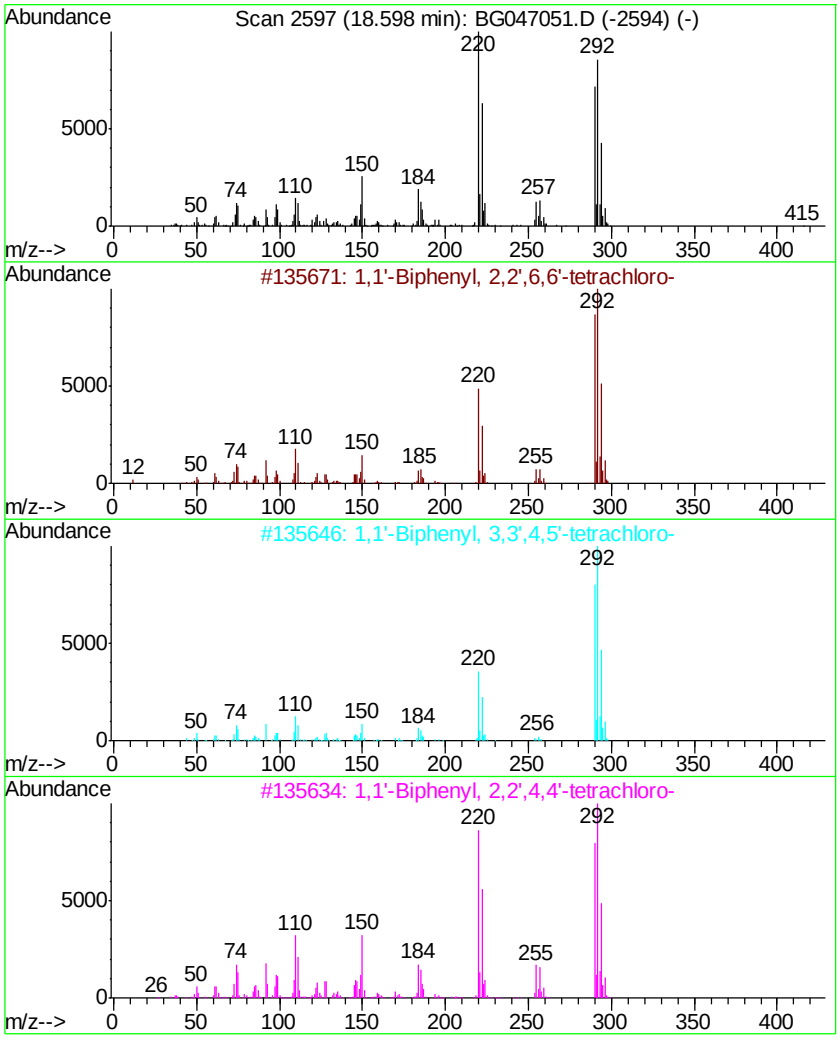
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

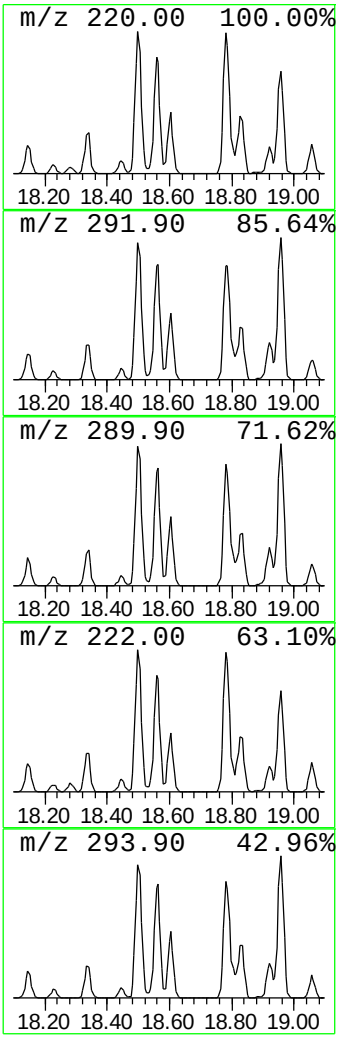
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	19.57 ng/ul	795067	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	98
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	97





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Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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

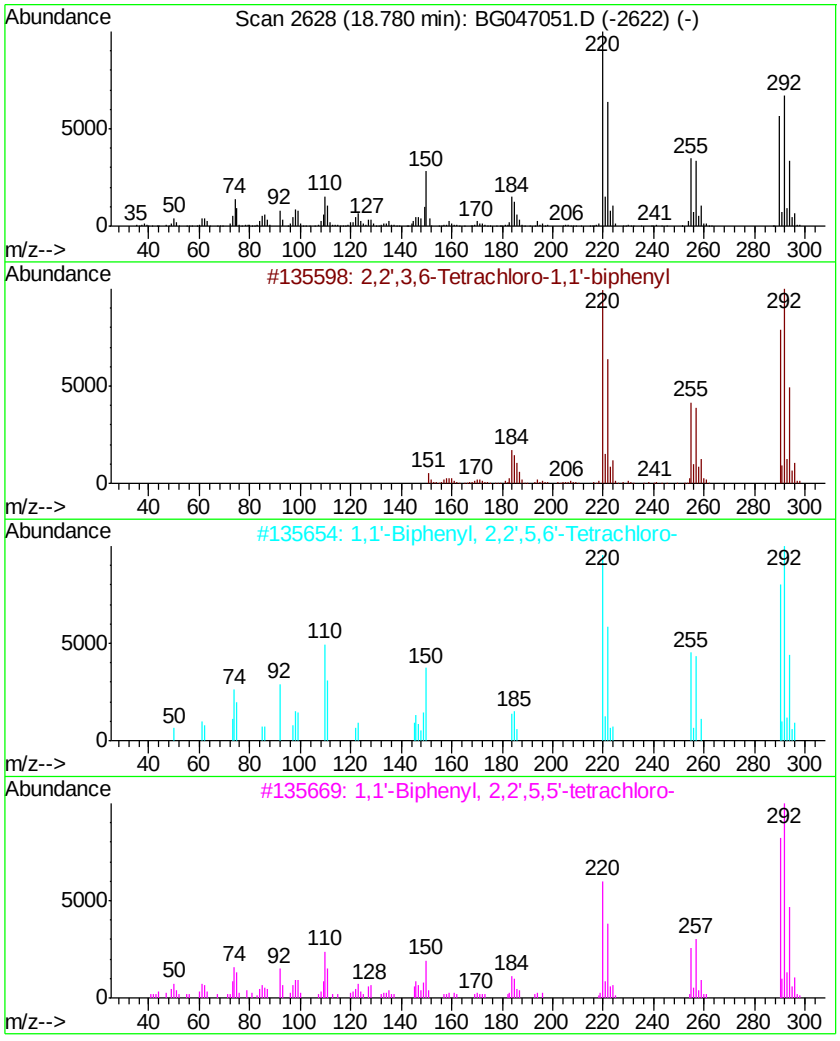
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

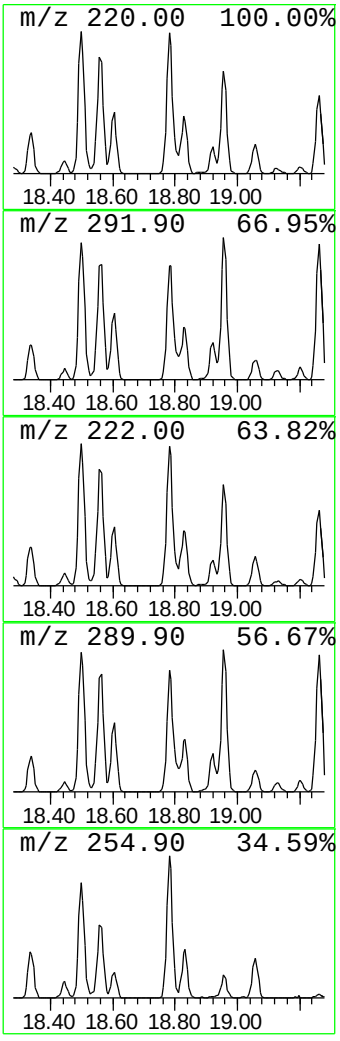
****

Peak Number 15 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	51.58 ng/ul	2095290	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	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





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Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

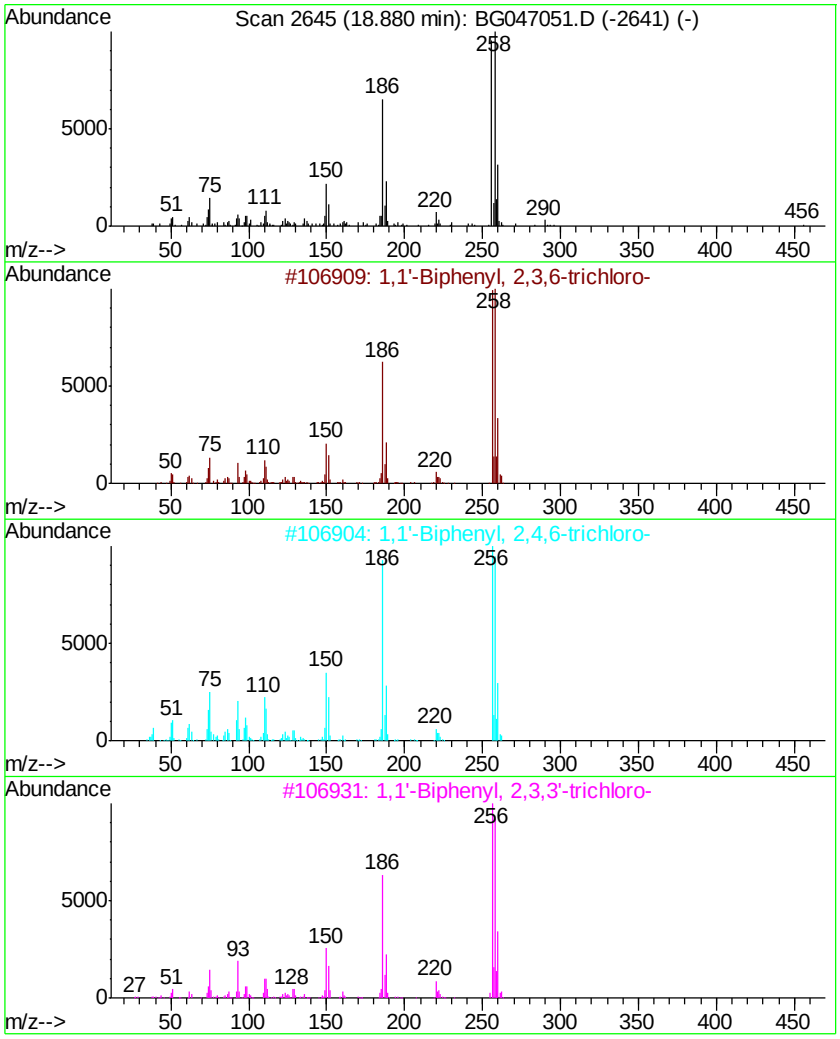
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

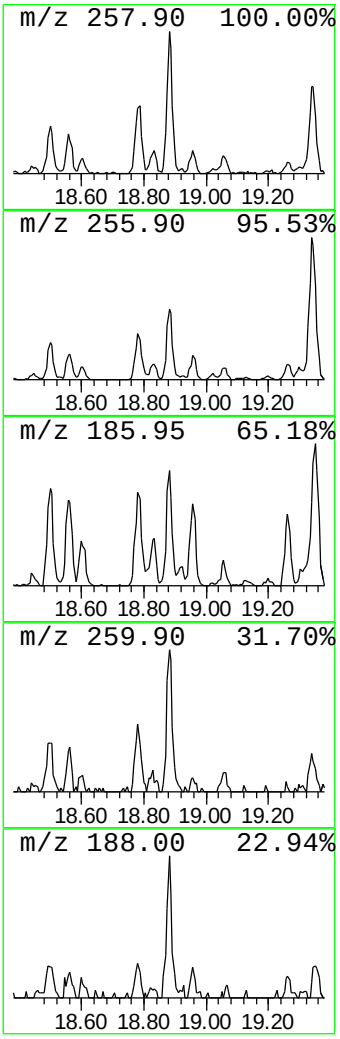
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	3.75 ng/ul	152367	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	96
2	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	96
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	95
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	95





Library Search Compound Report

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Sample : L4449-11
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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Quant Title : SVOA CALIBRATION

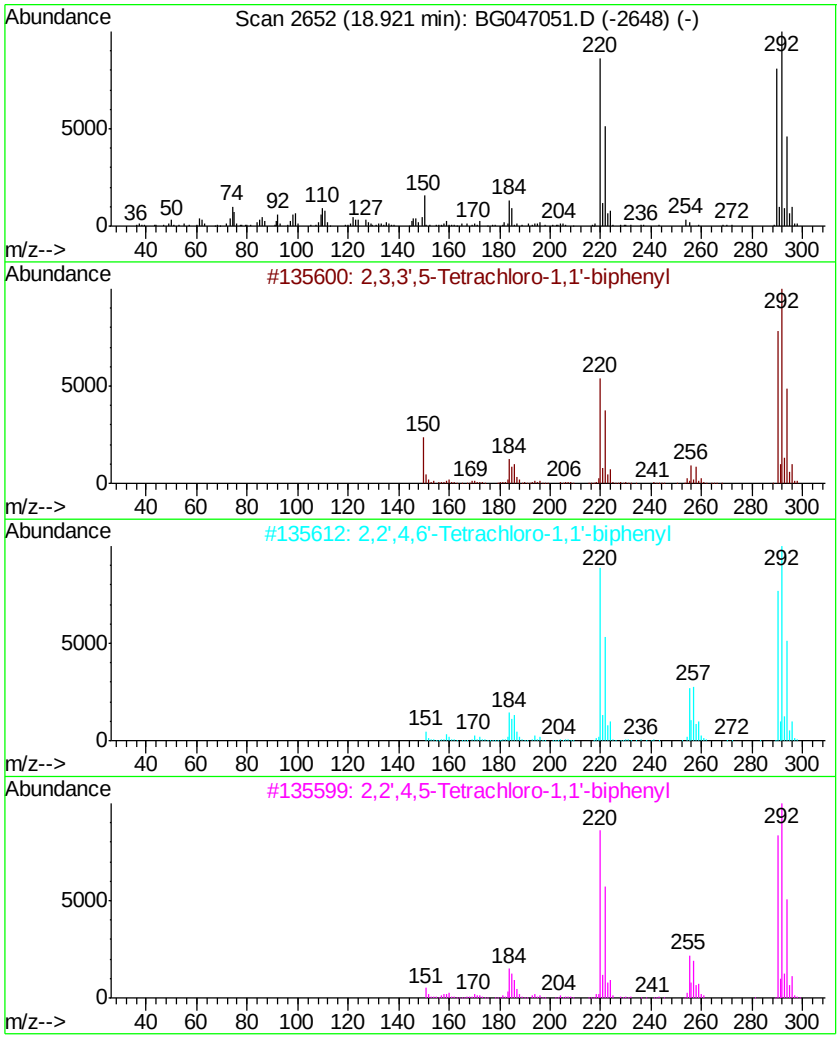
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

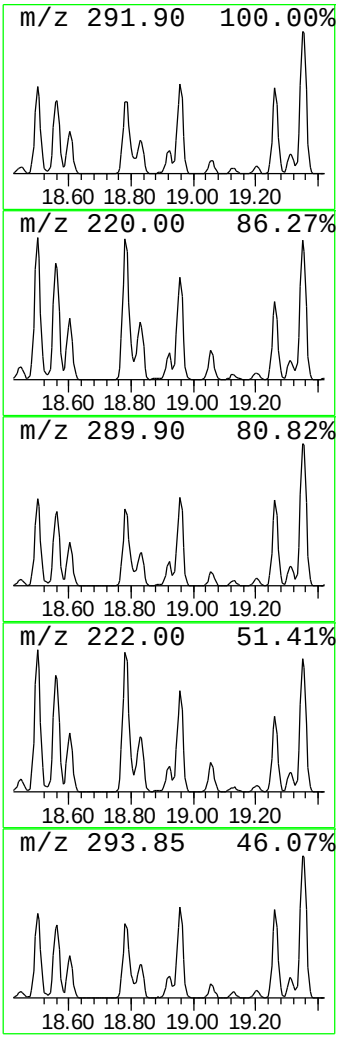
****

Peak Number 18 2,3,3',5-Tetrachloro-1,1'-b... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	8.69 ng/ul	353158	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070424-67-8	99
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99





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Data File : BG047051.D
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Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

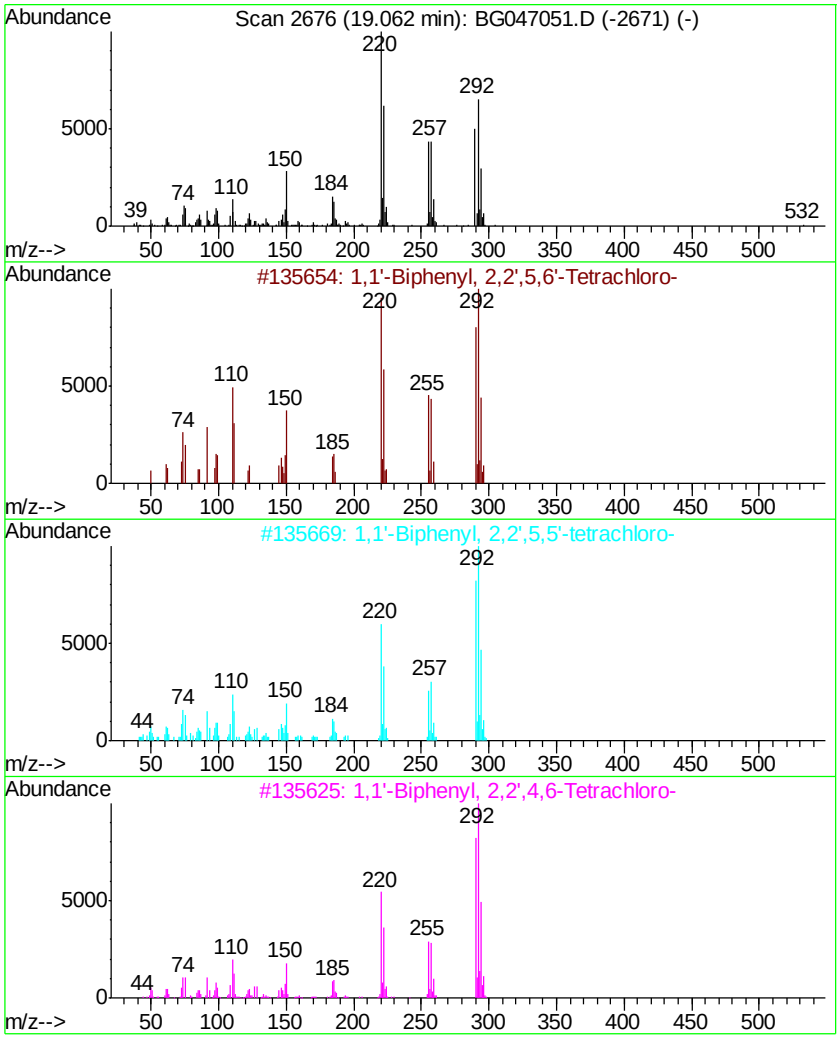
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

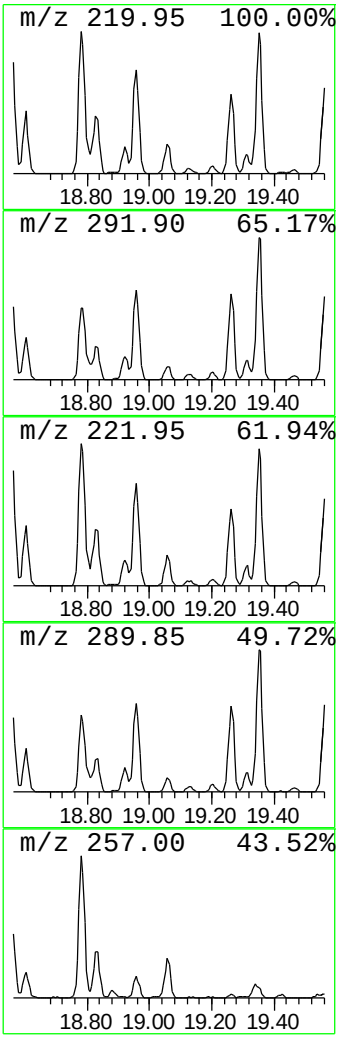
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	10.03 ng/ul	407406	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





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Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

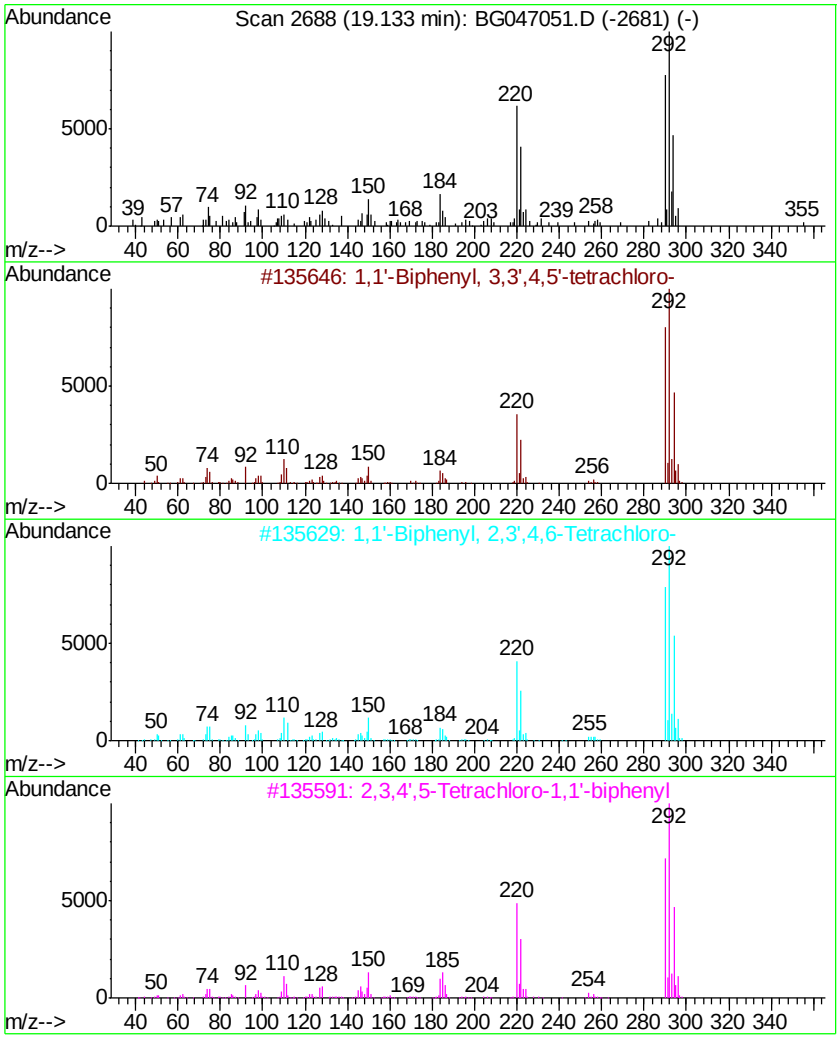
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

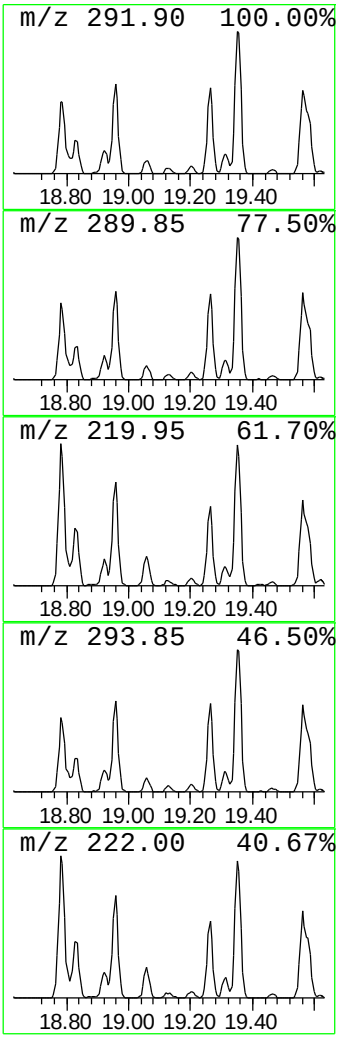
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.64 ng/ul	107393	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
2	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	98
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	98
4	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	98
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	97





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Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

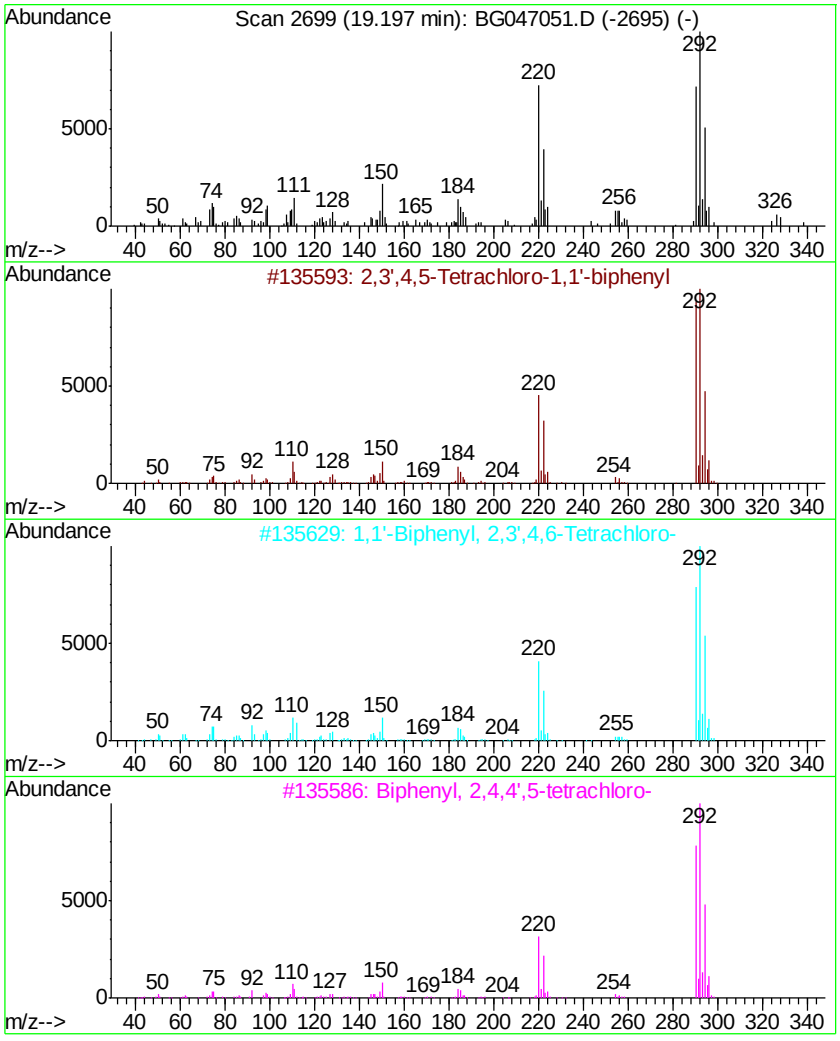
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

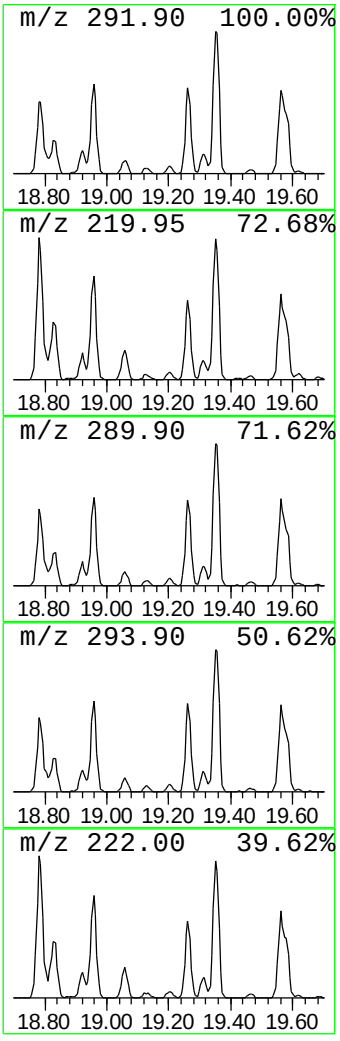
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	3.10 ng/ul	125737	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	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

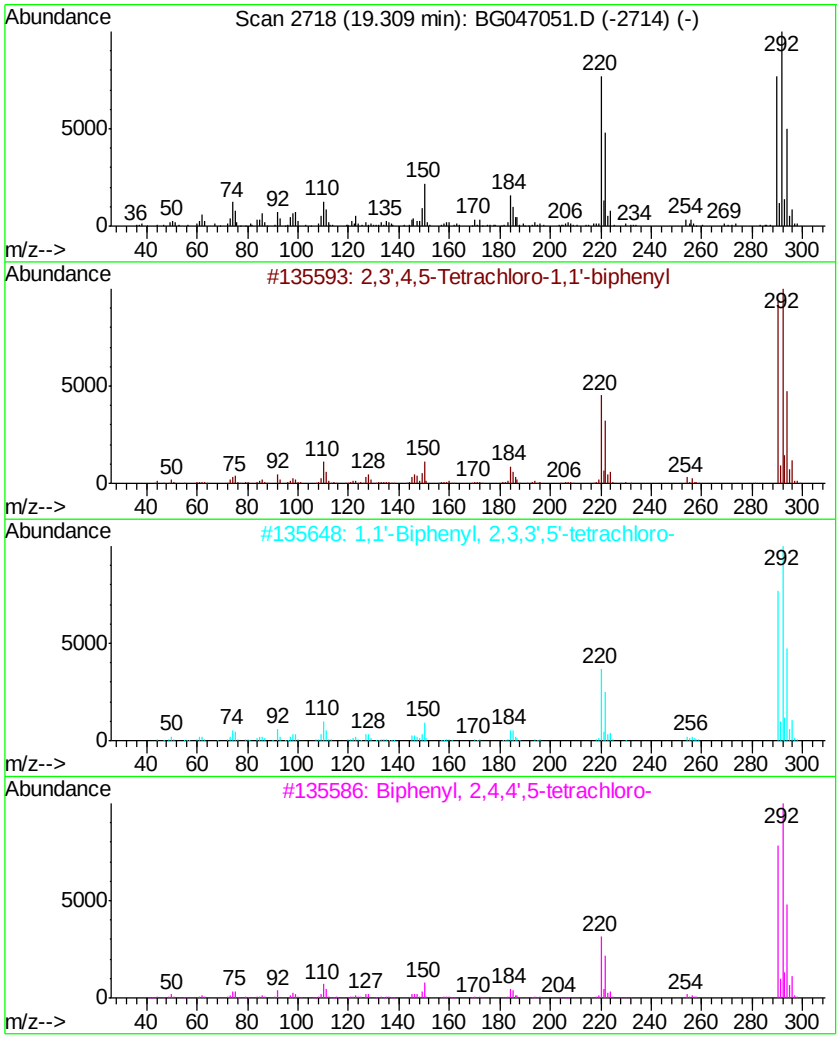
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

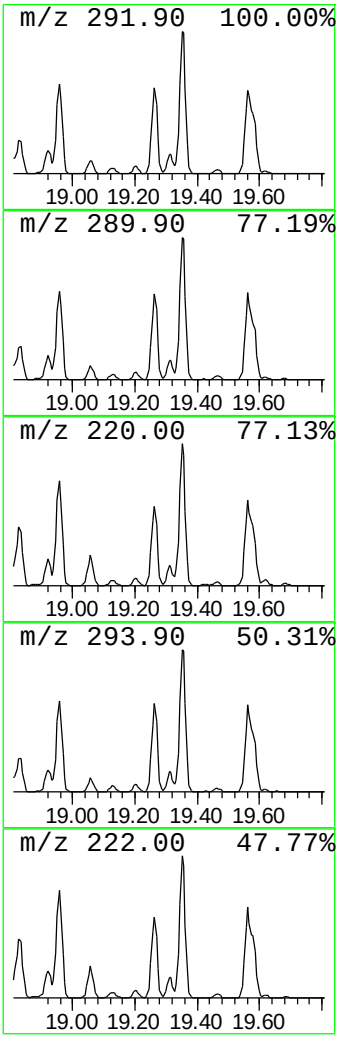
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	6.61 ng/ul	268581	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	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99





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Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

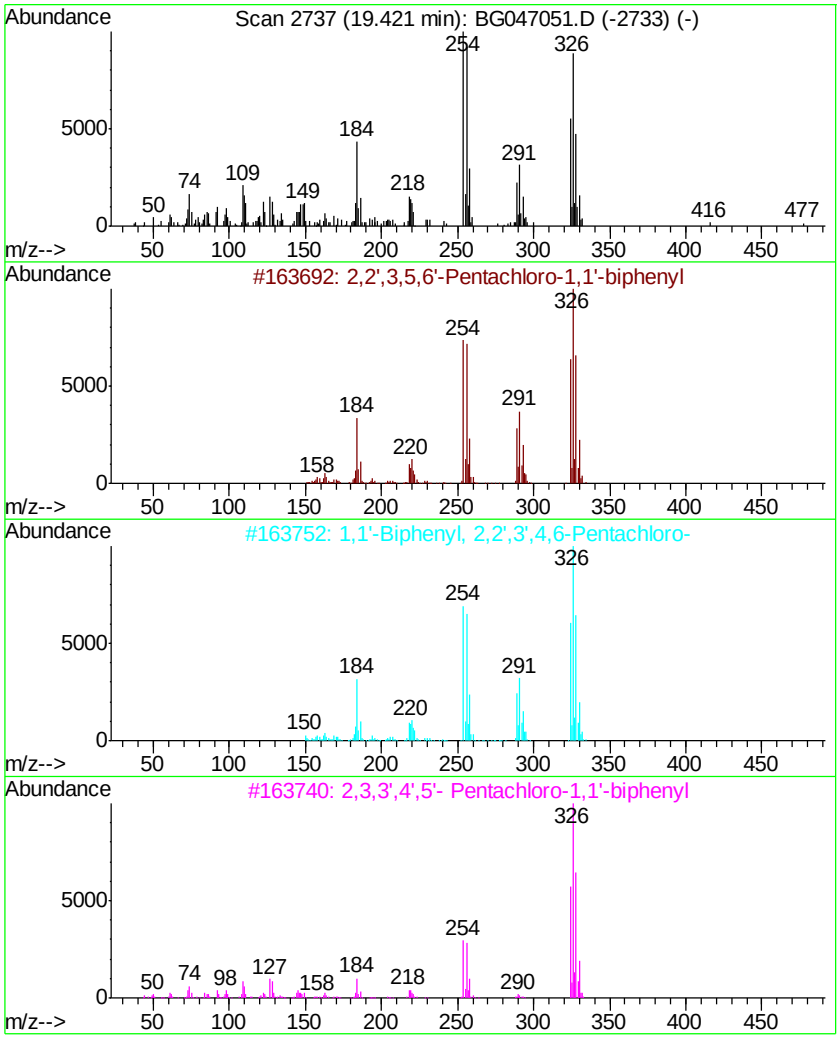
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

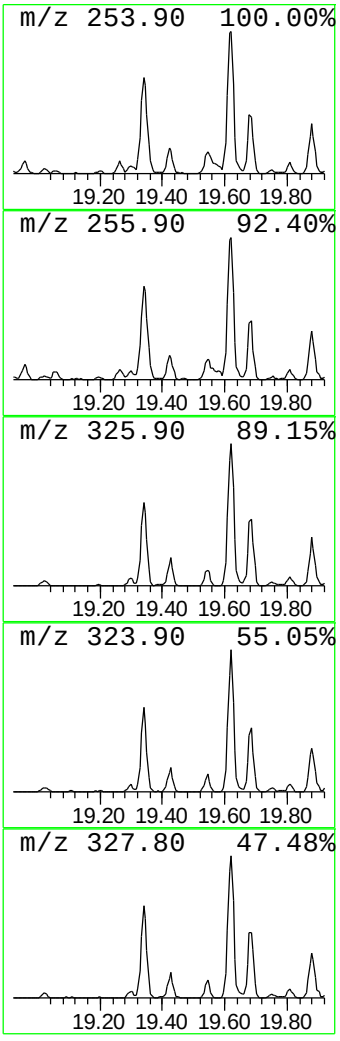
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	3.67 ng/ul	149002	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',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99





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Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

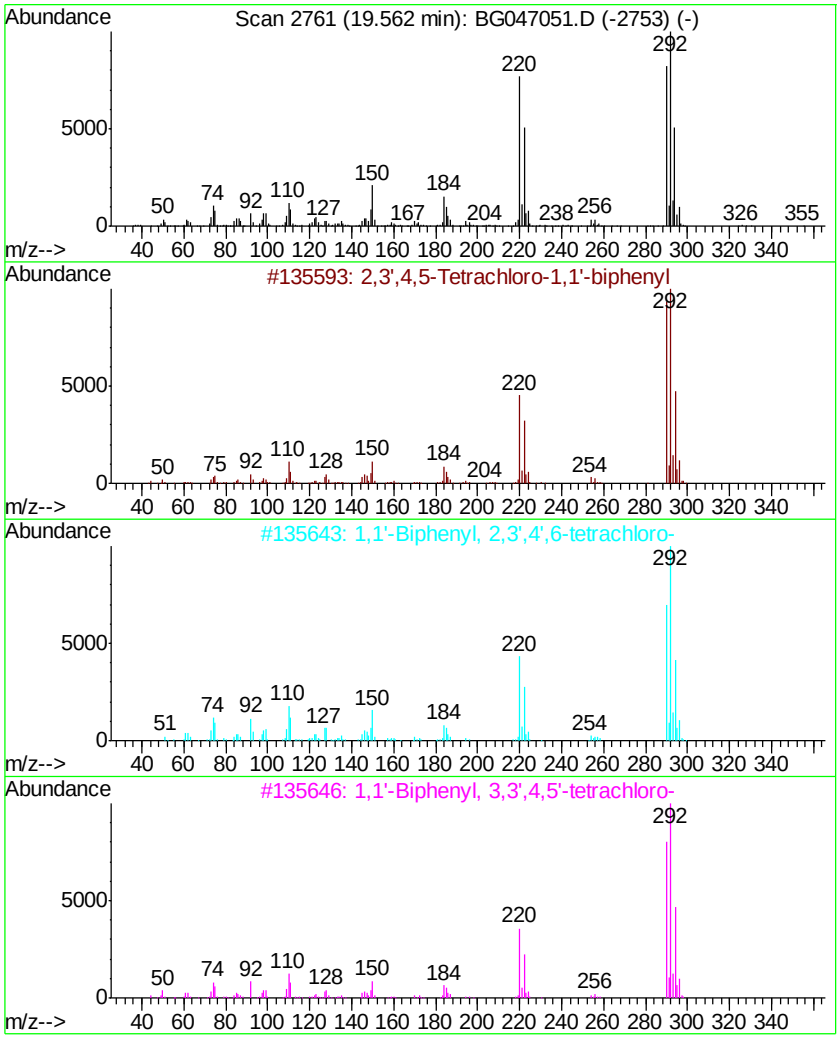
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

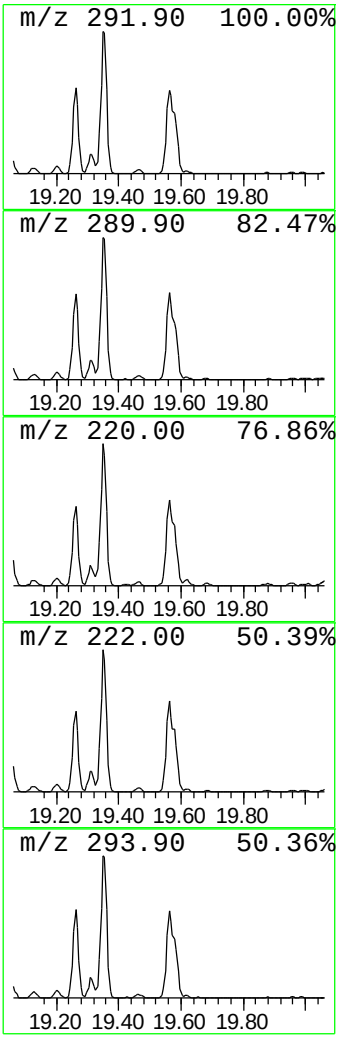
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	51.61 ng/ul	2096440	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	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

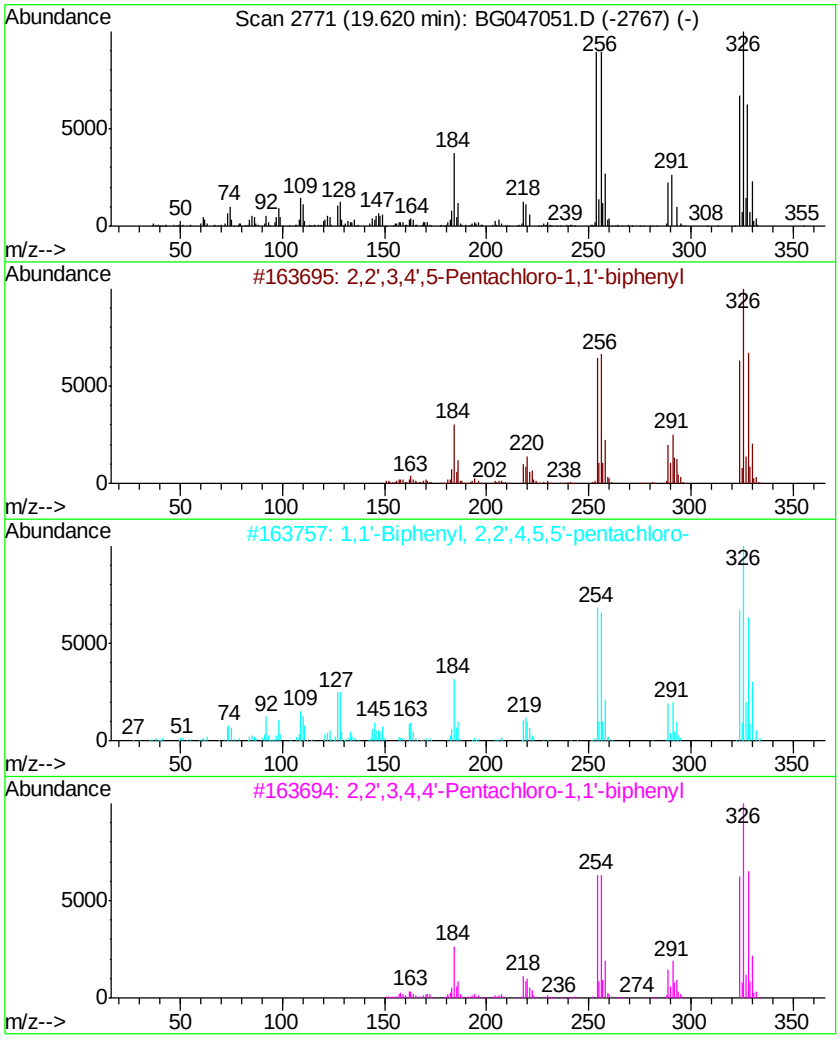
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

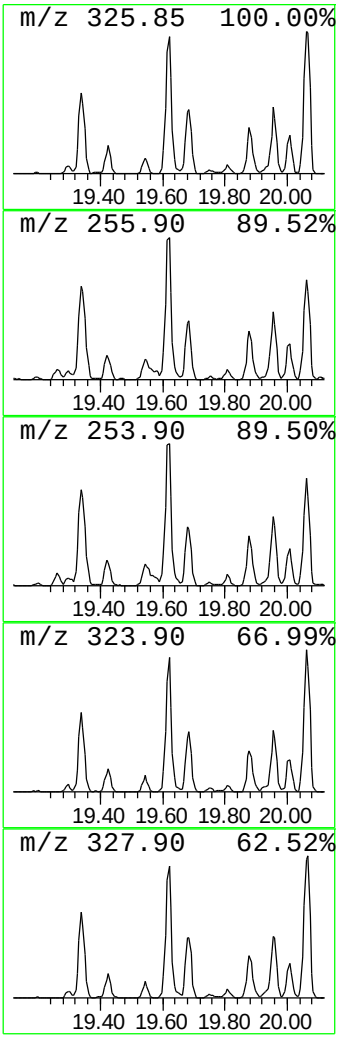
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	18.97 ng/ul	961711	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

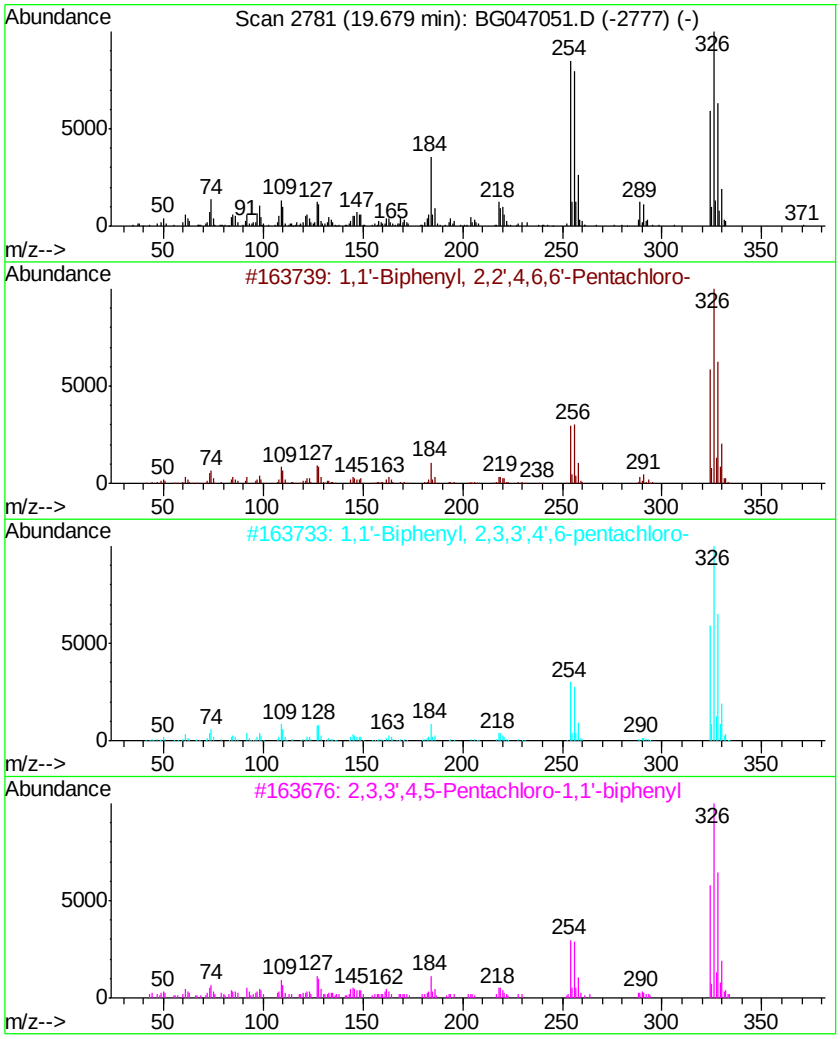
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

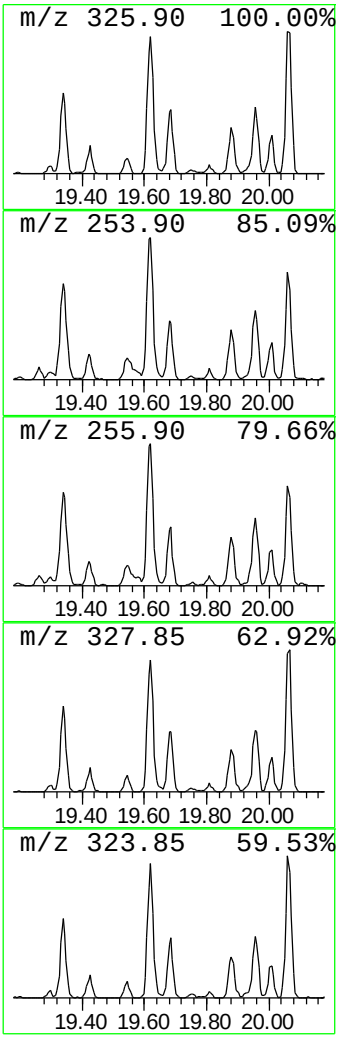
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	7.35 ng/ul	372551	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98
5	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	97





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Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

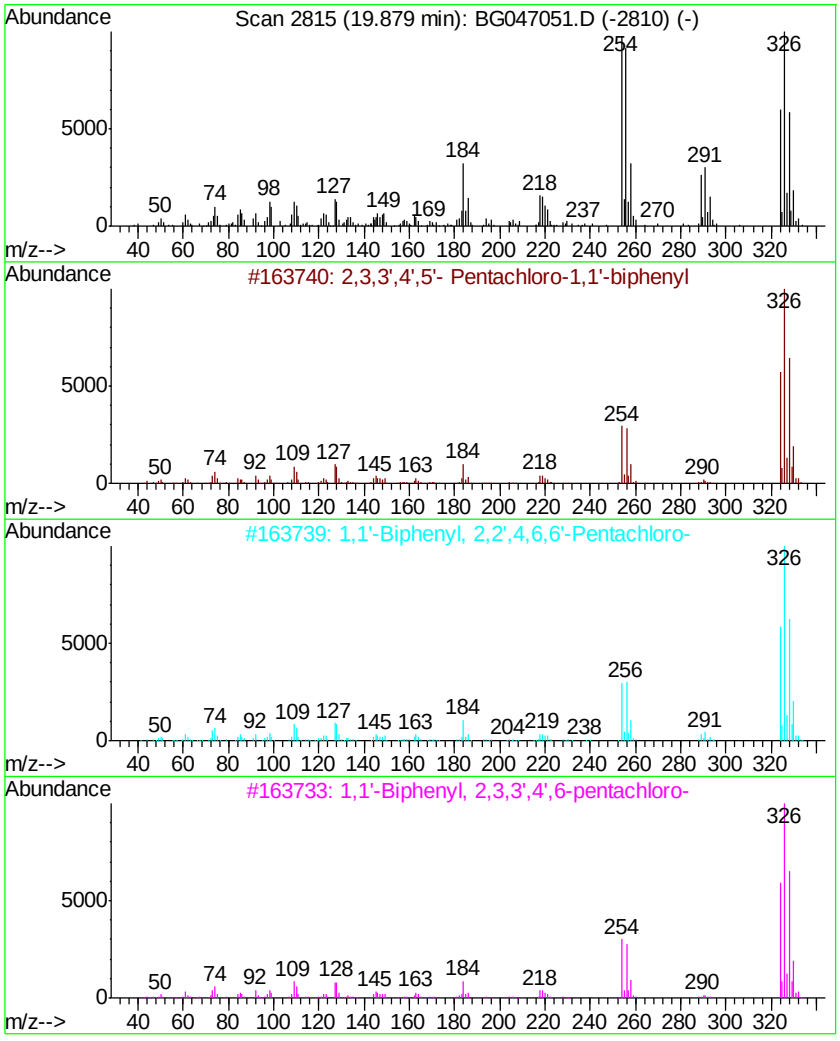
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

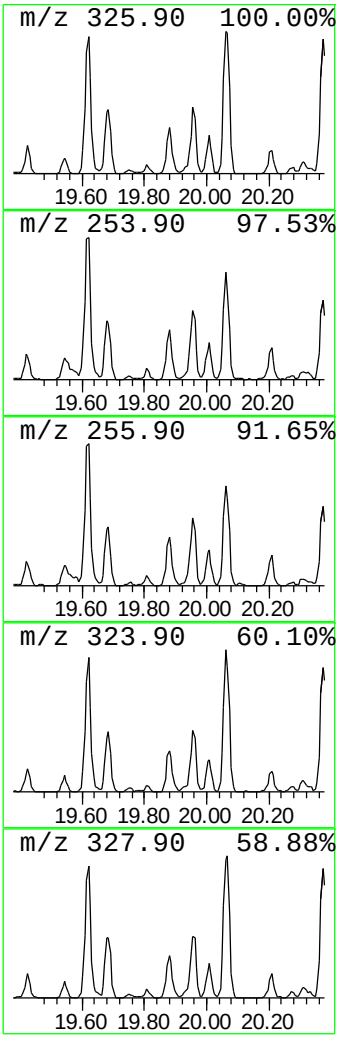
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 2,3,3',4',5'- Pentachloro-1... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	6.63 ng/ul	335805	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, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	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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Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

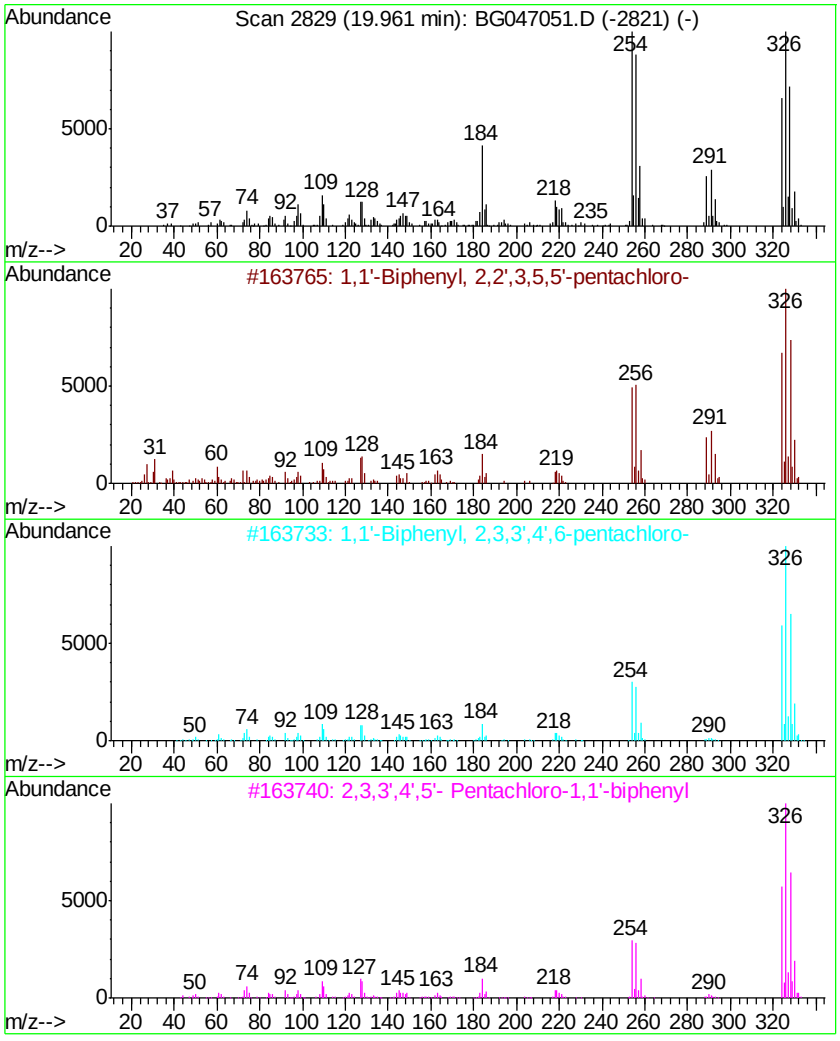
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

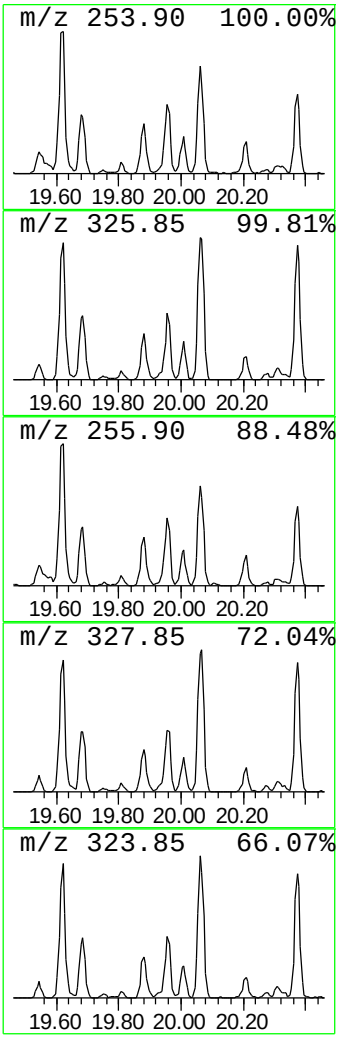
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	9.09 ng/ul	460678	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102220\
Data File : BG047051.D
Acq On : 23 Oct 2020 4:29
Operator : CG/JU
Sample : L4449-11
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE9

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...	3.40	34.7	ng/ul	652917	1	8.06	376526	20.0
1,1'-Biphenyl, 2,...	16.96	6.0	ng/ul	245169	4	17.43	812434	20.0
1,1'-Biphenyl, 2,...	17.88	2.7	ng/ul	110059	4	17.43	812434	20.0
1,1'-Biphenyl, 2,...	17.91	5.2	ng/ul	209563	4	17.43	812434	20.0
1,1'-Biphenyl, 3,...	18.04	96.1	ng/ul	3903150	4	17.43	812434	20.0
2,2',4,6'-Tetrach...	18.15	13.1	ng/ul	532317	4	17.43	812434	20.0
1,1'-Biphenyl, 3,...	18.28	33.6	ng/ul	1364310	4	17.43	812434	20.0
Biphenyl, 2,4,4',...	18.33	14.9	ng/ul	603644	4	17.43	812434	20.0
2,3',5',6-Tetrach...	18.45	4.8	ng/ul	196029	4	17.43	812434	20.0
1,1'-Biphenyl, 2,...	18.56	40.9	ng/ul	1659500	4	17.43	812434	20.0
1,1'-Biphenyl, 2,...	18.60	19.6	ng/ul	795067	4	17.43	812434	20.0
2,2',3,6-Tetrachl...	18.78	51.6	ng/ul	2095290	4	17.43	812434	20.0
1,1'-Biphenyl, 2,...	18.88	3.8	ng/ul	152367	4	17.43	812434	20.0
2,3,3',5-Tetrachl...	18.92	8.7	ng/ul	353158	4	17.43	812434	20.0
1,1'-Biphenyl, 2,...	19.06	10.0	ng/ul	407406	4	17.43	812434	20.0
1,1'-Biphenyl, 3,...	19.13	2.6	ng/ul	107393	4	17.43	812434	20.0
1,1'-Biphenyl, 2,...	19.20	3.1	ng/ul	125737	4	17.43	812434	20.0
1,1'-Biphenyl, 2,...	19.31	6.6	ng/ul	268581	4	17.43	812434	20.0
2,2',3,5,6'-Penta...	19.42	3.7	ng/ul	149002	4	17.43	812434	20.0
2,3',4,5-Tetrachl...	19.56	51.6	ng/ul	2096440	4	17.43	812434	20.0
2,2',3,4',5-Penta...	19.62	19.0	ng/ul	961711	5	21.70	1013670	20.0
1,1'-Biphenyl, 2,...	19.68	7.3	ng/ul	372551	5	21.70	1013670	20.0
2,3,3',4',5'- Pen...	19.88	6.6	ng/ul	335805	5	21.70	1013670	20.0
1,1'-Biphenyl, 2,...	19.96	9.1	ng/ul	460678	5	21.70	1013670	20.0