LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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	3.363	3	4	7	rBV3	6133	6942	0.57%	0.049%
2	3.405	7	11	19	rVB	618956	698850	57.21%	4.888%
3	3.722	61	65	67	rBV2	2321	2222	0.18%	0.016%
4	3.757	67	71	75	rBV2	17063	22192	1.82%	0.155%
5	3.845	82	86	88	rBV2	1361	1777	0.15%	0.012%
6	3.869	88	90	96	rVB2	1544	2047	0.17%	0.014%
7	4.139	133	136	138	rVB2	2117	2385	0.20%	0.017%
8	4.227	148	151	155	rBV2	4593	5840	0.48%	0.041%
9	4.580	207	211	215	rBV	984	1687	0.14%	0.012%
10	4.791	244	247	250	rBV2	1970	2321	0.19%	0.016%
11	4.997	278	282	285	rVB2	2020	2452	0.20%	0.017%
12	5.079	293	296	300	rVB2	1464	1800	0.15%	0.013%
13	5.161	306	310	311	rBV	1542	1755	0.14%	0.012%
14	5.402	349	351	354	rVB	1603	1705	0.14%	0.012%
15	5.625	385	389	392	rBV	1332	1554	0.13%	0.011%
16	5.813	418	421	422	rBV	1975	1671	0.14%	0.012%
17	6.072	462	465	468	rVB2	1879	1963	0.16%	0.014%
18	6.701	566	572	575	rBV	1455	2561	0.21%	0.018%
19	8.064	797	804	812	rBV	297104	505496	41.38%	3.536%
20	8.199	826	827	831	rVB2	2172	2103	0.17%	0.015%
21	8.610	894	897	902	rBV2	900	1888	0.15%	0.013%
22	8.739	915	919	920	rBV2	1947	1917	0.16%	0.013%
23	9.568	1056	1060	1063	rBV2	1241	1672	0.14%	0.012%
24	9.891	1111	1115	1118	rBV	1306	1661	0.14%	0.012%
25	10.743	1254	1260	1265	rBV4	3051	6730	0.55%	0.047%
26	10.878	1274	1283	1294	rBV	376013	684066	56.00%	4.784%
27	11.272	1349	1350	1355	rVB	2497	2482	0.20%	0.017%
28	12.670	1585	1588	1591	rBV	1521	1830	0.15%	0.013%
29	12.752	1597	1602	1604	rBV3	2008	2821	0.23%	0.020%
30	13.804	1778	1781	1783	rBV	2026	2122	0.17%	0.015%
31	13.869	1788	1792	1793	rBV3	1708	1628	0.13%	0.011%
32	14.586	1908	1914	1917	rBV2	1653	2727	0.22%	0.019%
33	14.697	1924	1933	1940	rBV2	610929	946792	77.51%	6.622%
34	14.785	1944	1948	1951	rVB	1817	2144	0.18%	0.015%

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Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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

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Peak separation: 5

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

35	15.097	1996	2001	2006	rVB7	3408	7705	0.63%	0.054%
36	15.249	2024	2027	2029	rBV2	2827	2931	0.24%	0.020%
37	15.320	2038	2039	2042	rVB2	2503	1771	0.14%	0.012%
38	15.379	2047	2049	2050	rVB	2671	1674	0.14%	0.012%
39	15.390	2050	2051	2053	rBV	1991	2018	0.17%	0.014%
40	15.426	2054	2057	2060	rVB2	3736	4479	0.37%	0.031%
41	15.614	2087	2089	2091	rBV3	2769	2442	0.20%	0.017%
42	15.725	2106	2108	2110	rBV3	3560	3235	0.26%	0.023%
43	15.743	2110	2111	2116	rVB4	3997	3873	0.32%	0.027%
44	15.843	2124	2128	2129	rBV4	4429	5169	0.42%	0.036%
45	17.441	2394	2400	2405	rBV	635173	1009937	82.67%	7.064%
46	18.040	2496	2502	2508	rVB	112160	191540	15.68%	1.340%
47	18.505	2577	2581	2586	rBV2	116936	166000	13.59%	1.161%
48	18.563	2588	2591	2596	rVV2	69012	92748	7.59%	0.649%
49	18.604	2596	2598	2603	rVB6	38114	49357	4.04%	0.345%
50	18.787	2625	2629	2635	rBV3	75228	117187	9.59%	0.820%
51	18.963	2656	2659	2664	rVB2	49644	56666	4.64%	0.396%
52	19.268	2708	2711	2716	rVV4	42272	48775	3.99%	0.341%
53	19.321	2716	2720	2721	rVV2	81338	109405	8.96%	0.765%
54	19.345	2721	2724	2731	rVB3	268320	411235	33.66%	2.876%
55	19.486	2745	2748	2753	rVB	61694	83668	6.85%	0.585%
56	19.562	2756	2761	2767	rVV6	53019	134064	10.97%	0.938%
57	19.627	2767	2772	2779	rVB	330751	431866	35.35%	3.021%
58	19.732	2788	2790	2796	rVB7	22835	23267	1.90%	0.163%
59	19.962	2826	2829	2834	rVB3	65058	81144	6.64%	0.568%
60	20.067	2840	2847	2852	rVB2	184352	336349	27.53%	2.352%
61	20.191	2864	2868	2872	rBV2	190441	231496	18.95%	1.619%
62	20.238	2872	2876	2883	rVV4	78148	142364	11.65%	0.996%
63	20.332	2887	2892	2896	rVV	566129	735496	60.21%	5.144%
64	20.379	2896	2900	2905	rVB	97934	130412	10.68%	0.912%
65	20.526	2922	2925	2930	rVB3	90991	119096	9.75%	0.833%
66	20.602	2934	2938	2943	rVV	754827	962163	78.76%	6.730%
67	20.661	2944	2948	2957	rVV3	207288	293657	24.04%	2.054%
68	20.761	2960	2965	2971	rBV3	190647	346036	28.33%	2.420%
69	20.925	2985	2993	3000	rBV	483050	926637	75.86%	6.481%
70	21.084	3016	3020	3025	rVB2	257775	326301	26.71%	2.282%
71	21.154	3028	3032	3038	rVB2	139996	186734	15.29%	1.306%

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Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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

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Title : SVOA CALIBRATION

72	21.266	3047	3051	3055	rVB4	55440	76067	6.23%	0.532%
73	21.389	3068	3072	3078	rVB2	208963	289259	23.68%	2.023%
74	21.454	3079	3083	3089	rVB3	125728	175611	14.38%	1.228%
75	21.519	3091	3094	3097	rBV5	59544	86861	7.11%	0.608%
76	21.707	3120	3126	3129	rBV	719721	1221587	100.00%	8.544%
77	22.153	3197	3202	3209	rVB2	193700	358477	29.35%	2.507%
78	22.329	3227	3232	3237	rVB7	75169	122277	10.01%	0.855%
79	23.134	3365	3369	3377	rVB7	47654	85988	7.04%	0.601%
80	24.950	3670	3678	3691	rVB2	408116	1172812	96.01%	8.203%

Sum of corrected areas: 14297639

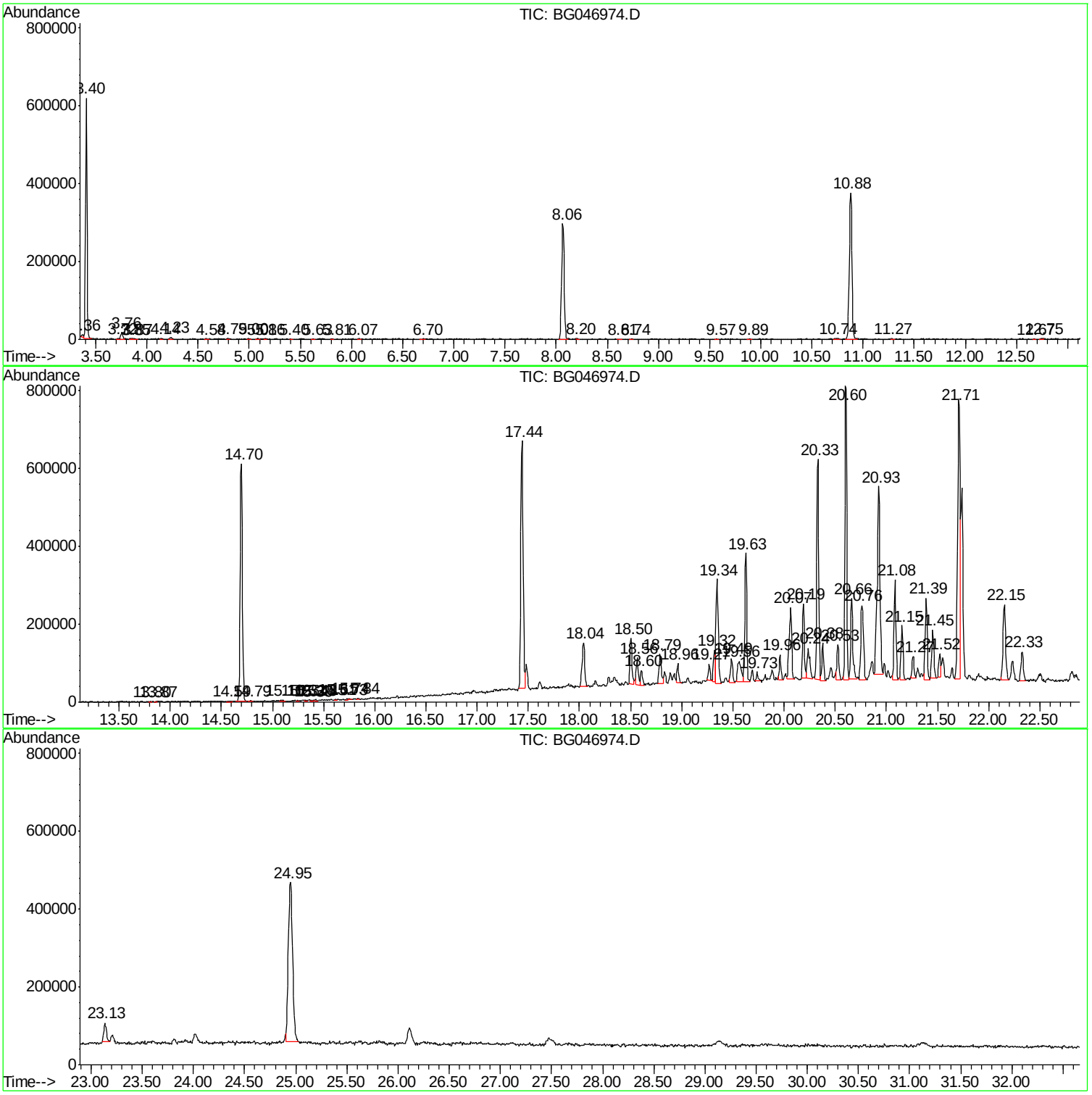
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB5

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

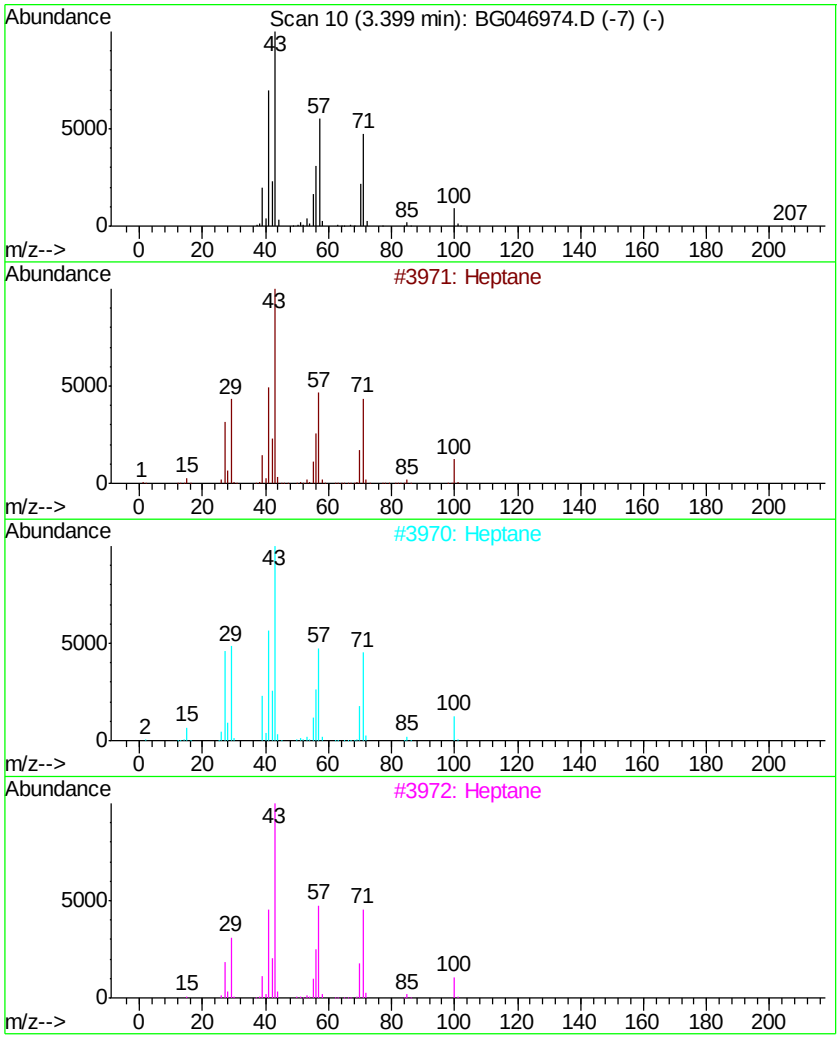
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

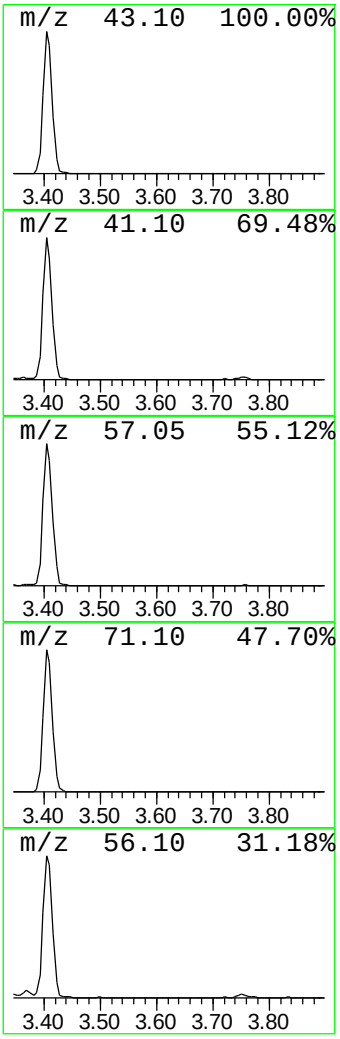
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	27.65 ng/ul	698850	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	83
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
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Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

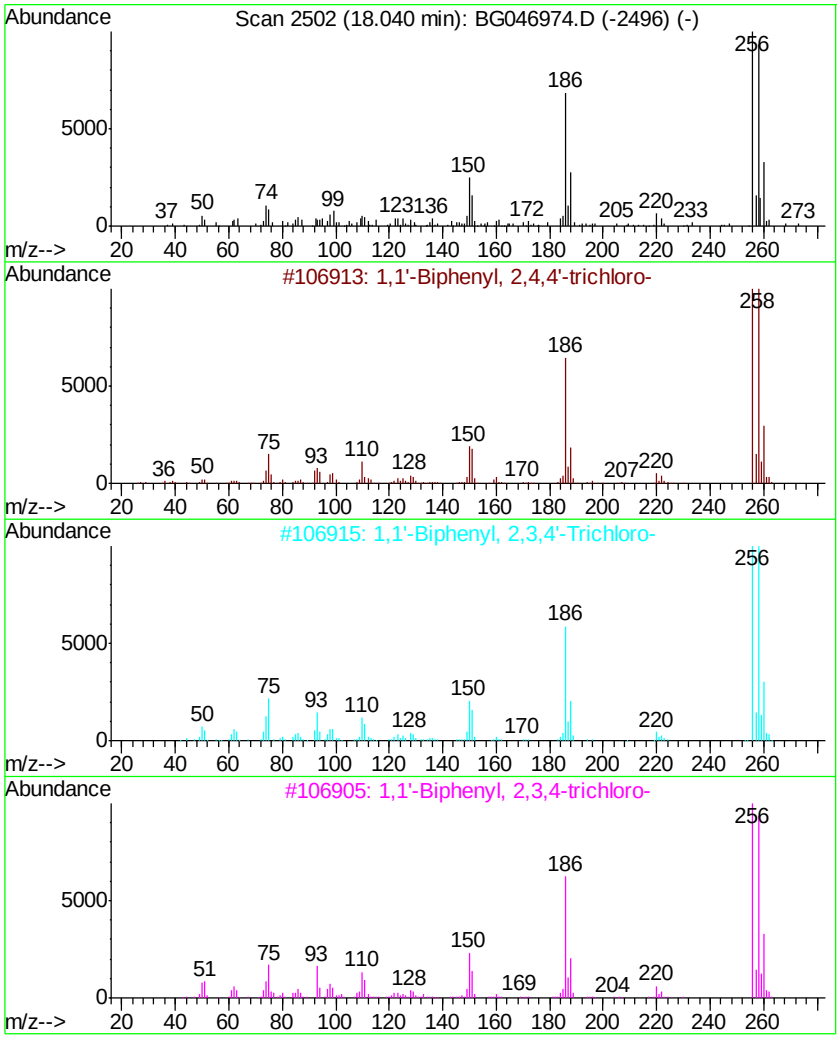
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

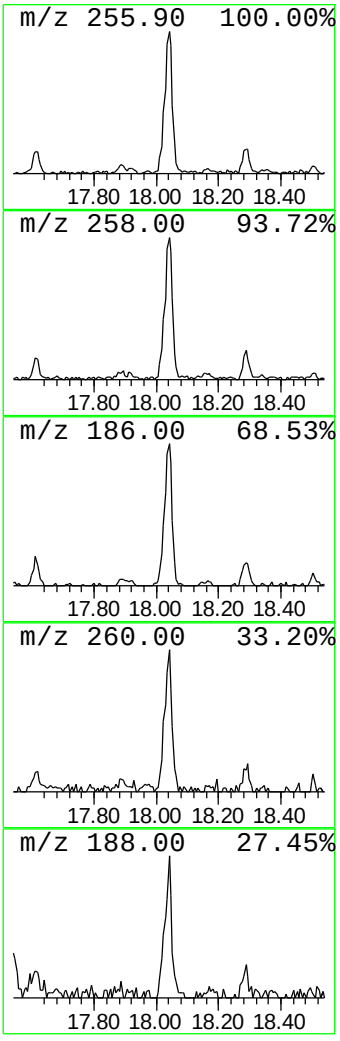
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.79 ng/ul	191540	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
2	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	96
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	96
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96
5	2,3,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	055720-44-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
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Instrument : BNA_G
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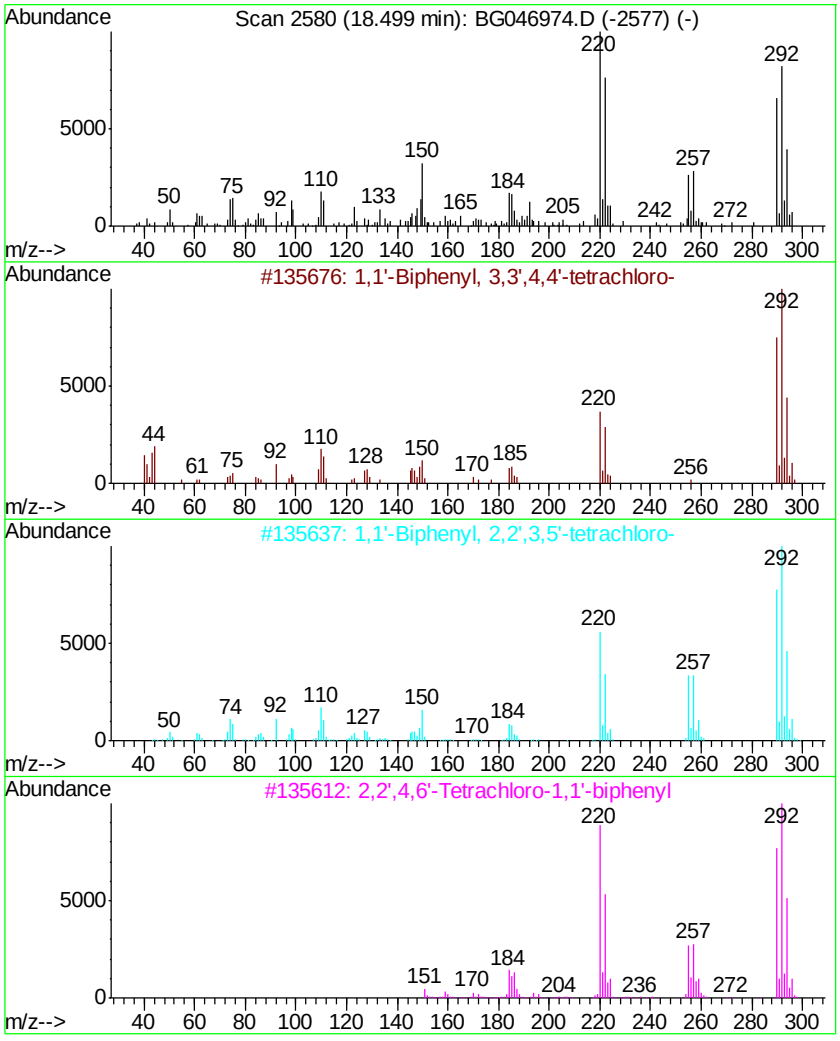
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

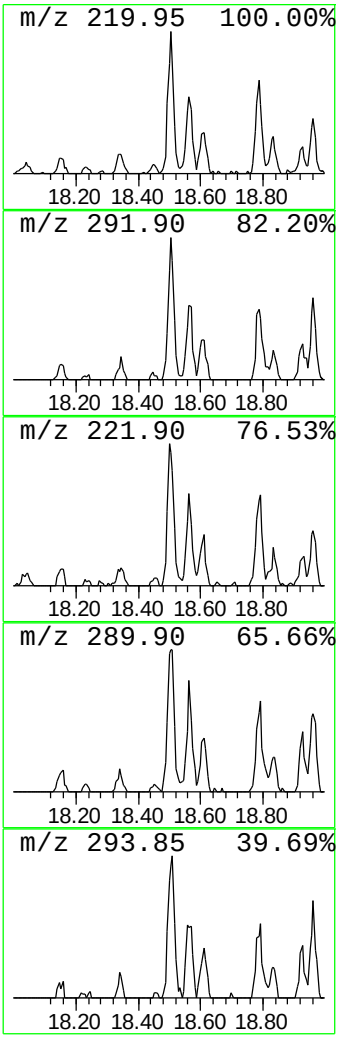
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.29 ng/ul	166000	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	98
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	98
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	98
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98





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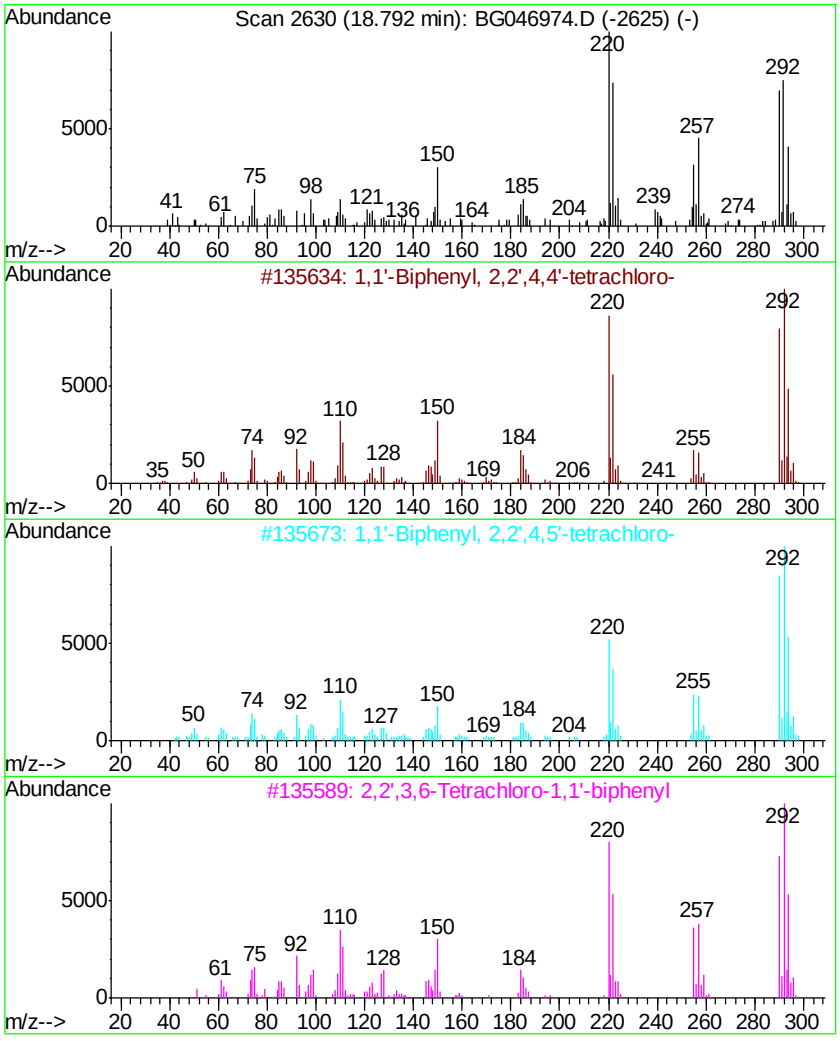
TIC Integration Parameters: LSCINT.P

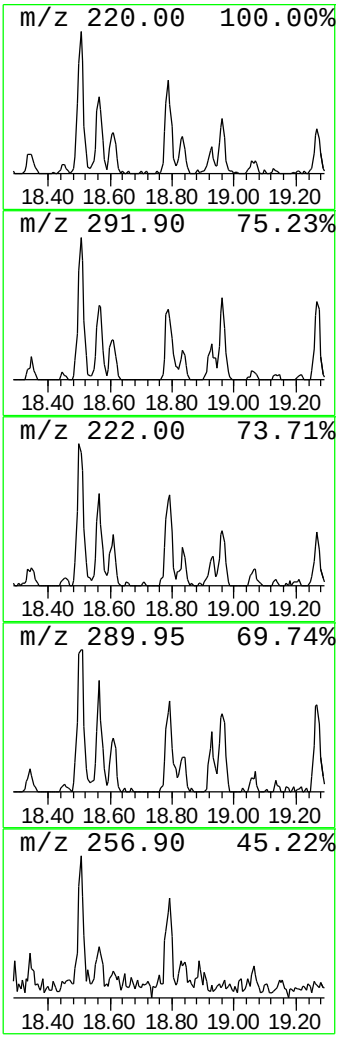
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.32 ng/ul	117187	Phenanthrene-d10	17.44

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',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Quant Title : SVOA CALIBRATION

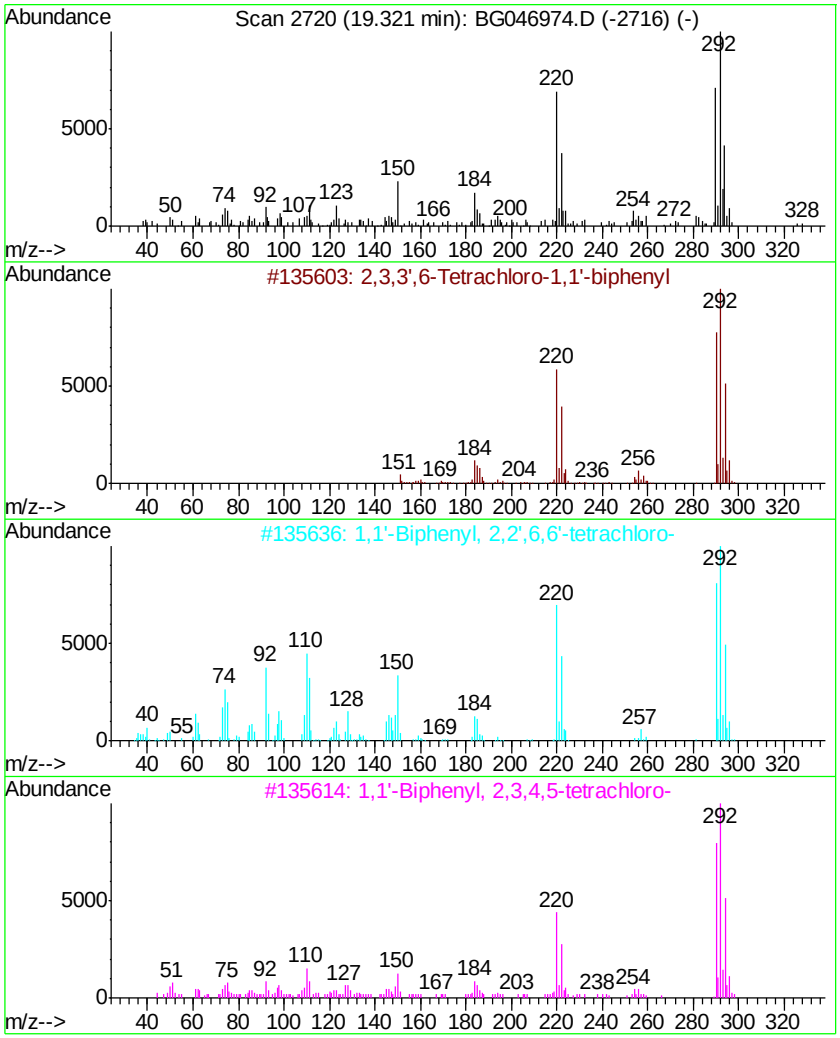
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

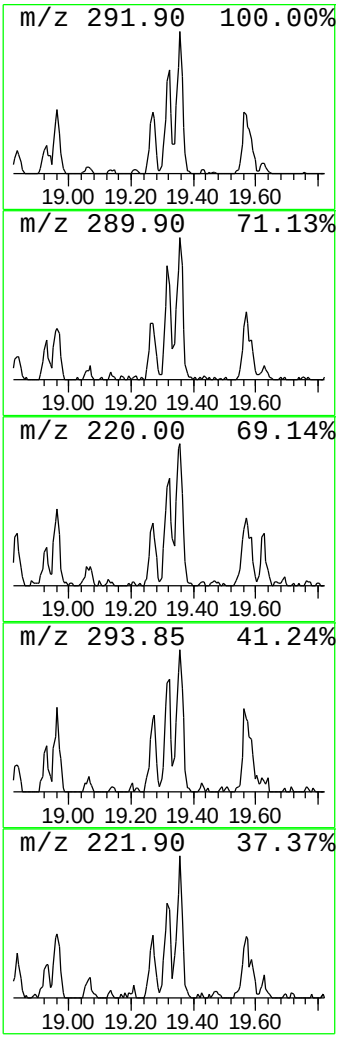
****

Peak Number 5 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.17 ng/ul	109405	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	98
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96
3	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	95
4	3,4,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-50-4	95
5	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	95





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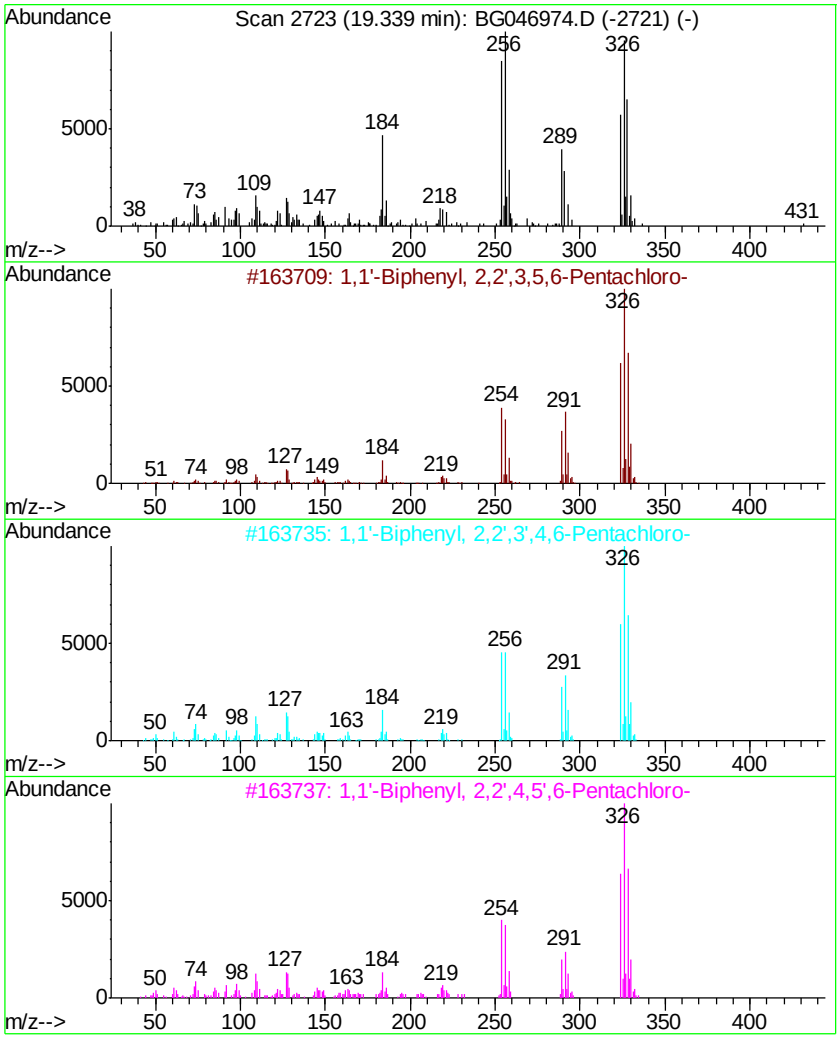
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

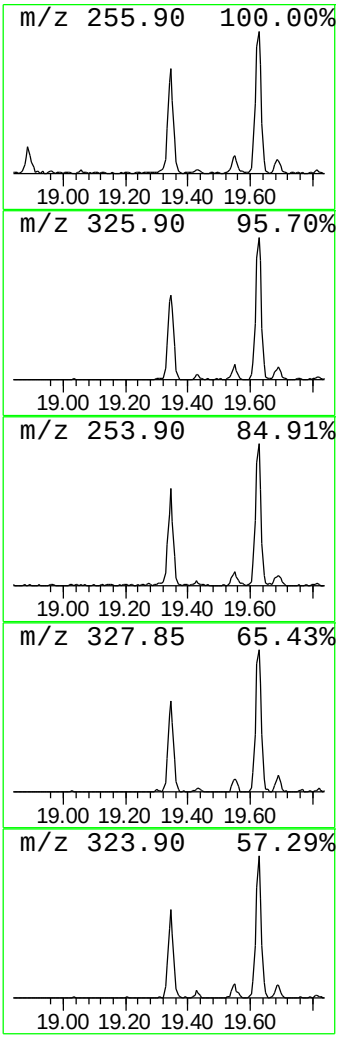
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	8.14 ng/ul	411235	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	97
2	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	96
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	95





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Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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Quant Title : SVOA CALIBRATION

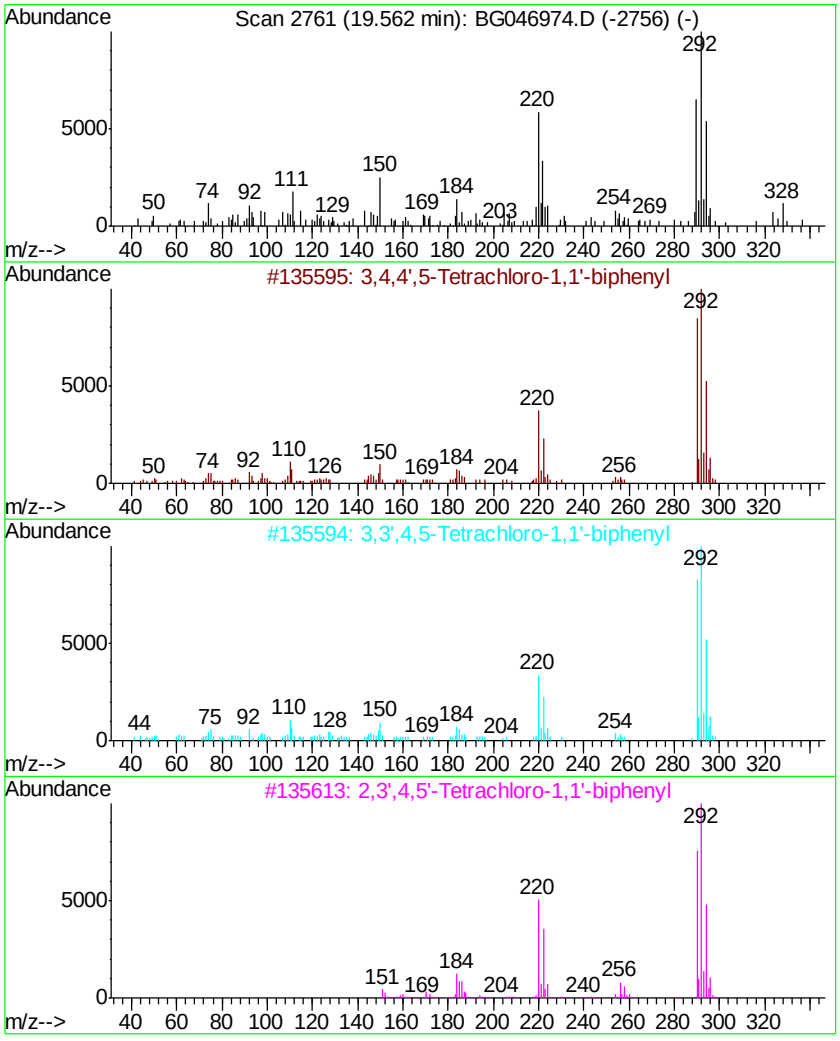
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

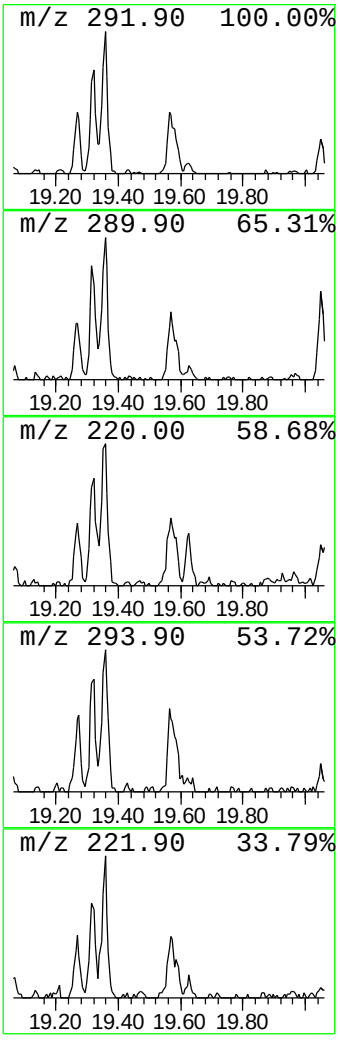
****

Peak Number 7 3,4,4',5-Tetrachloro-1,1'-b... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.65 ng/ul	134064	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-50-4	98
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	98
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	98
4	2,3,4,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	054230-22-7	97
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	96





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Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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Quant Title : SVOA CALIBRATION

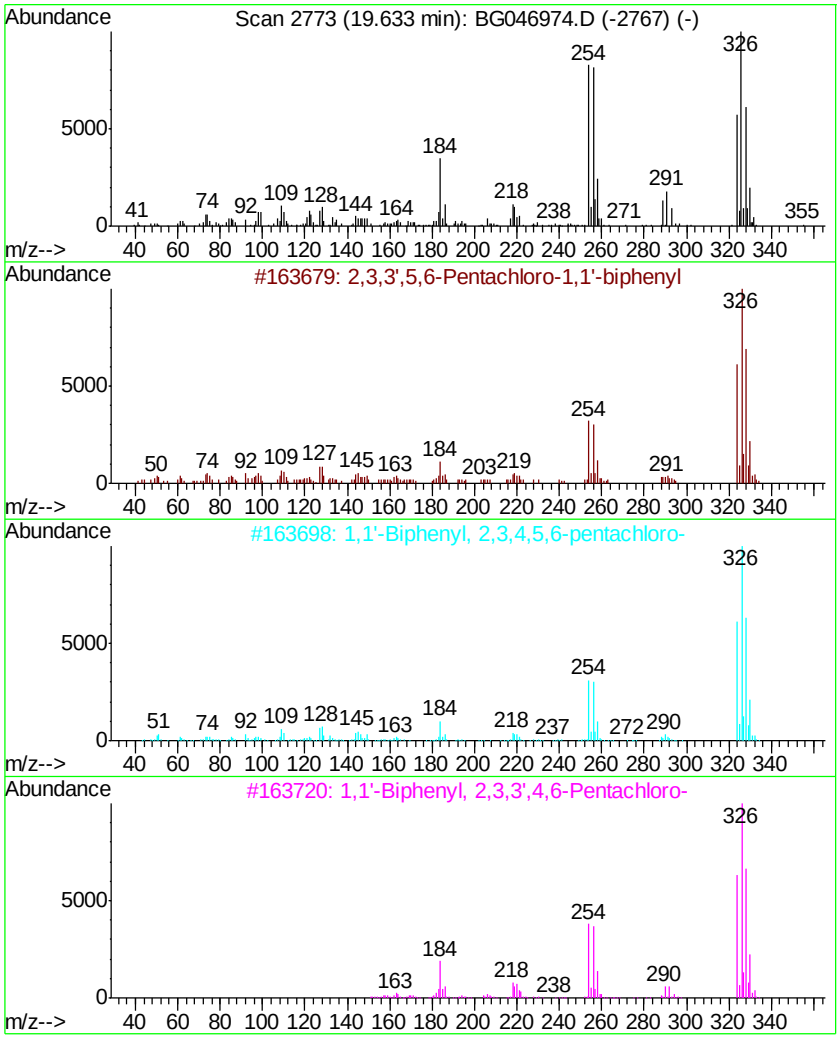
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

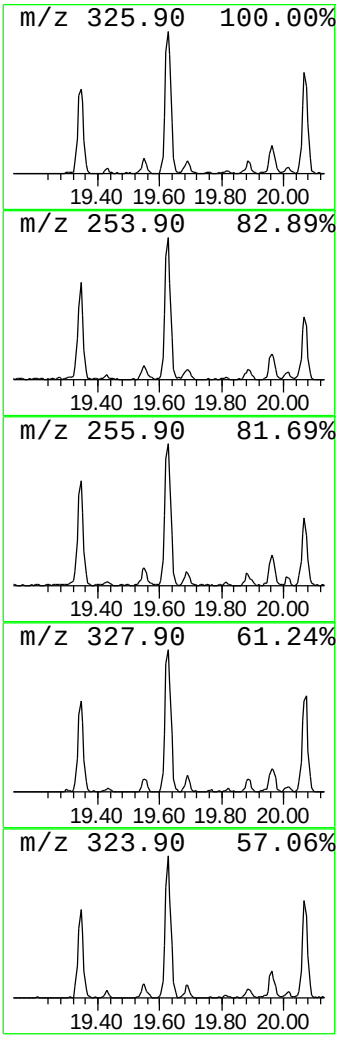
****

Peak Number 8 1,1'-Biphenyl, 2,3,4,5,6-pe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	7.07 ng/ul	431866	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
4	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	96
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	96





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Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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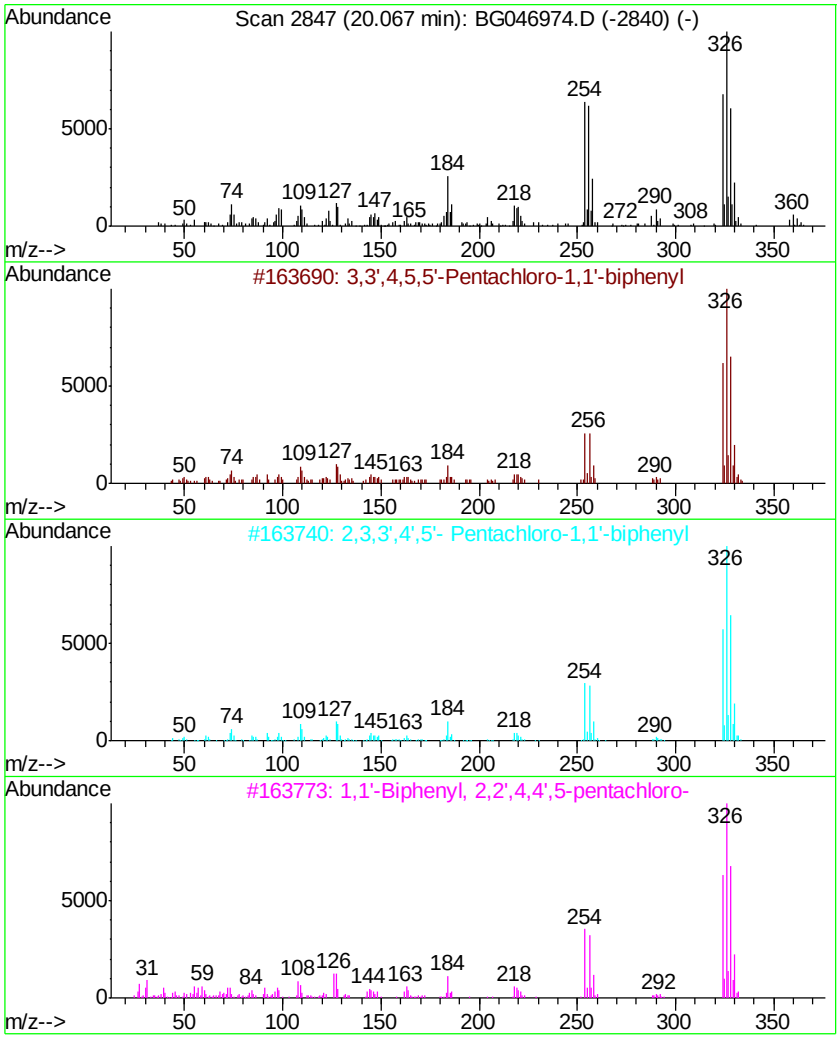
Quant Title : SVOA CALIBRATION

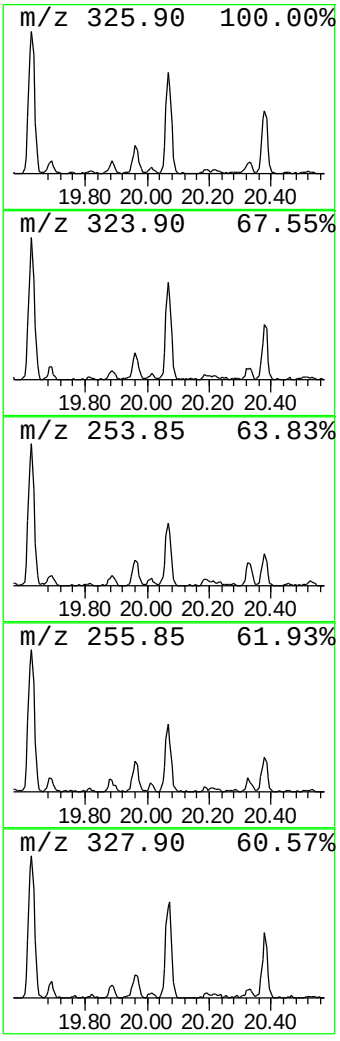
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	5.51 ng/ul	336349	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99





Library Search Compound Report

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Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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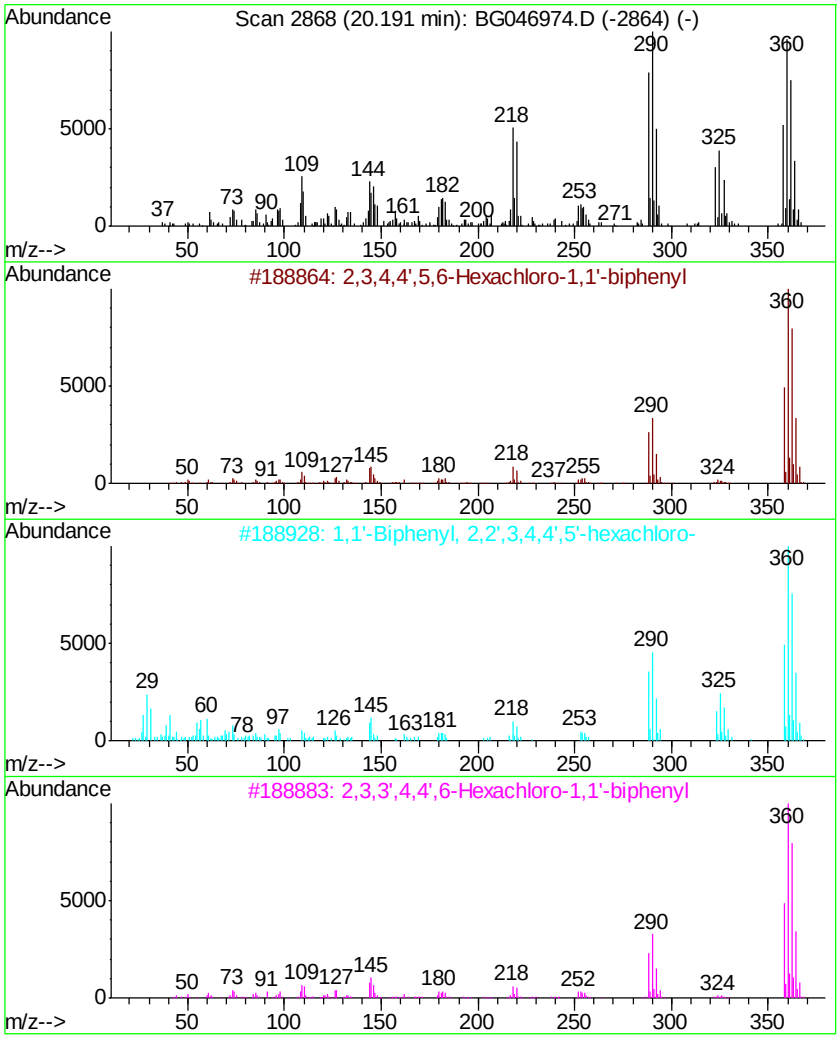
Quant Title : SVOA CALIBRATION

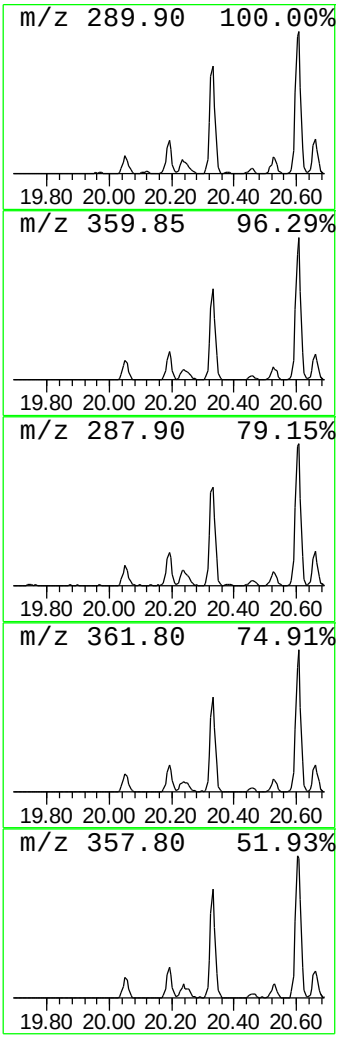
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	3.79 ng/ul	231496	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99





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Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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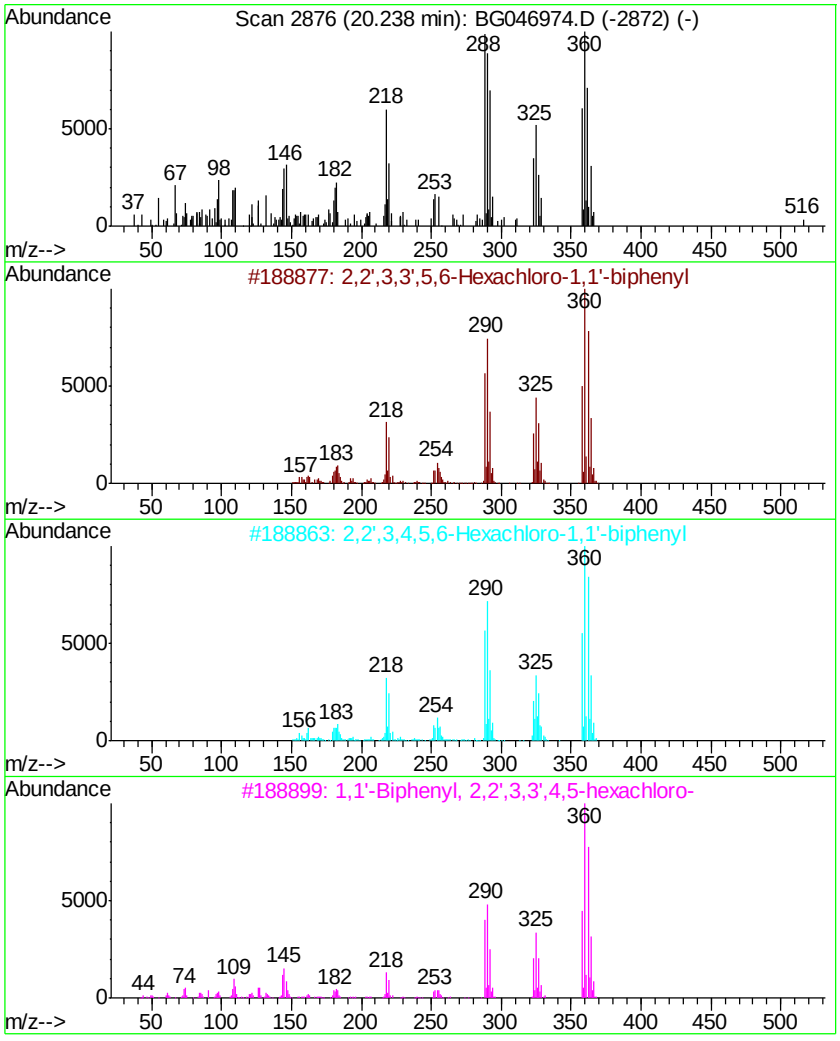
Quant Title : SVOA CALIBRATION

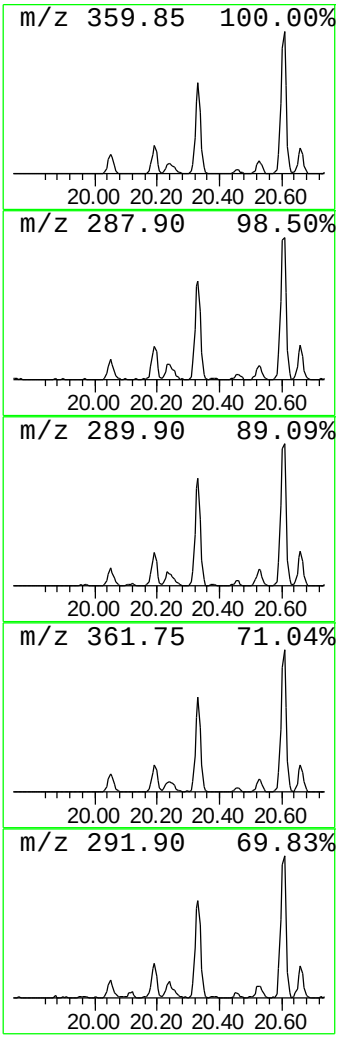
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.33 ng/ul	142364	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	98
2	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	97
3	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	96
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	96





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Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

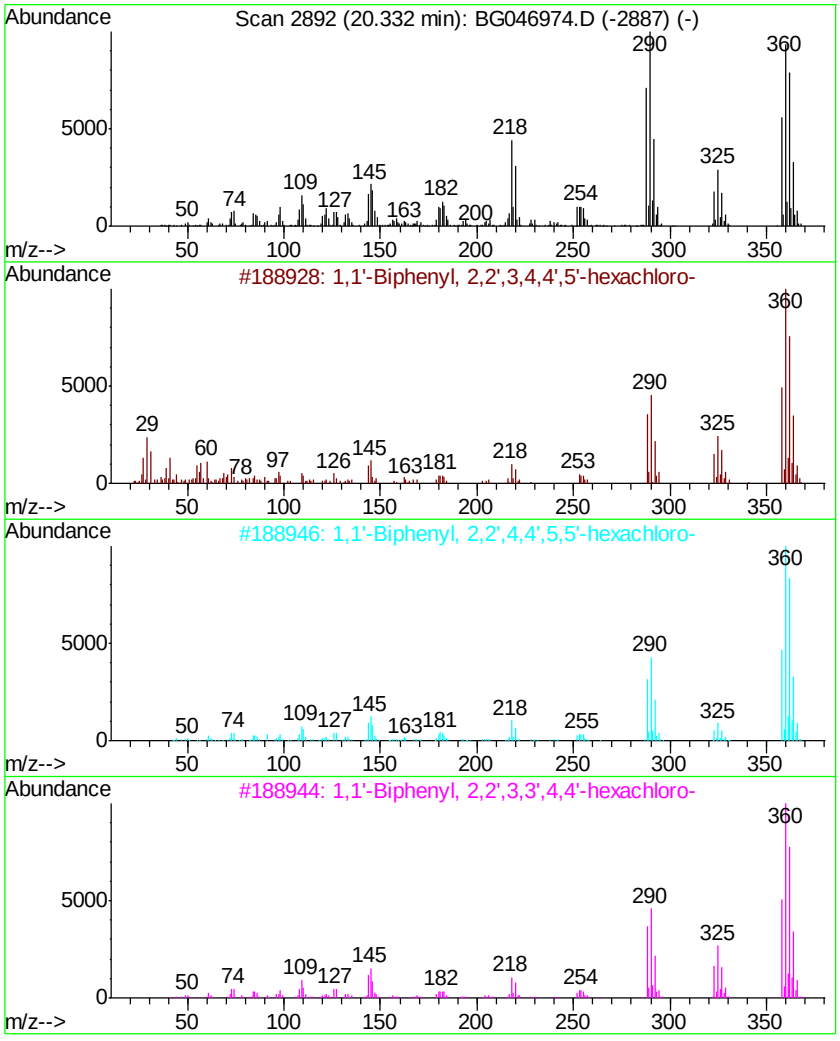
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

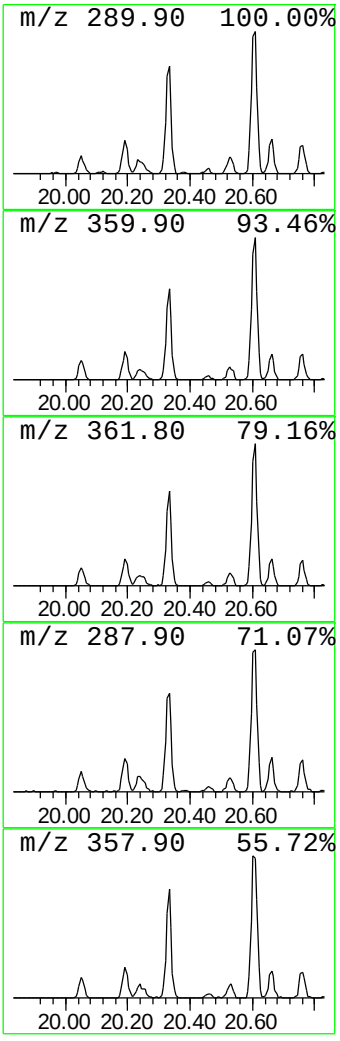
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	12.04 ng/ul	735496	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





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Operator : CG/JU
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Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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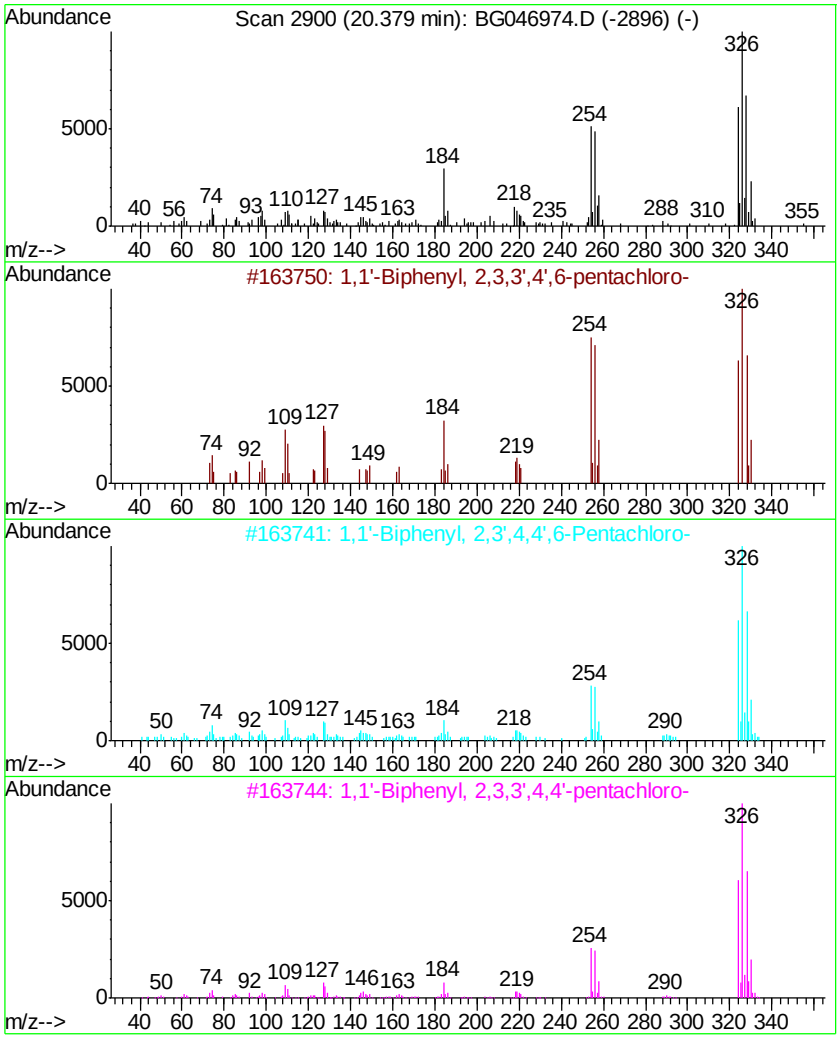
Quant Title : SVOA CALIBRATION

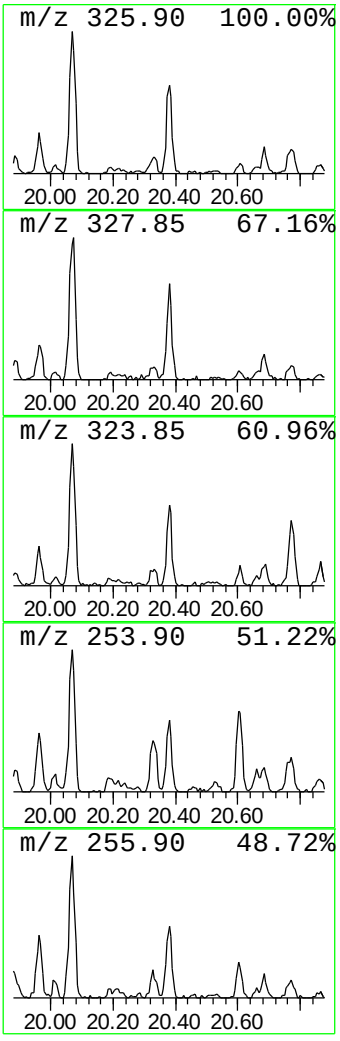
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.14 ng/ul	130412	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	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	98
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	98
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	97





Library Search Compound Report

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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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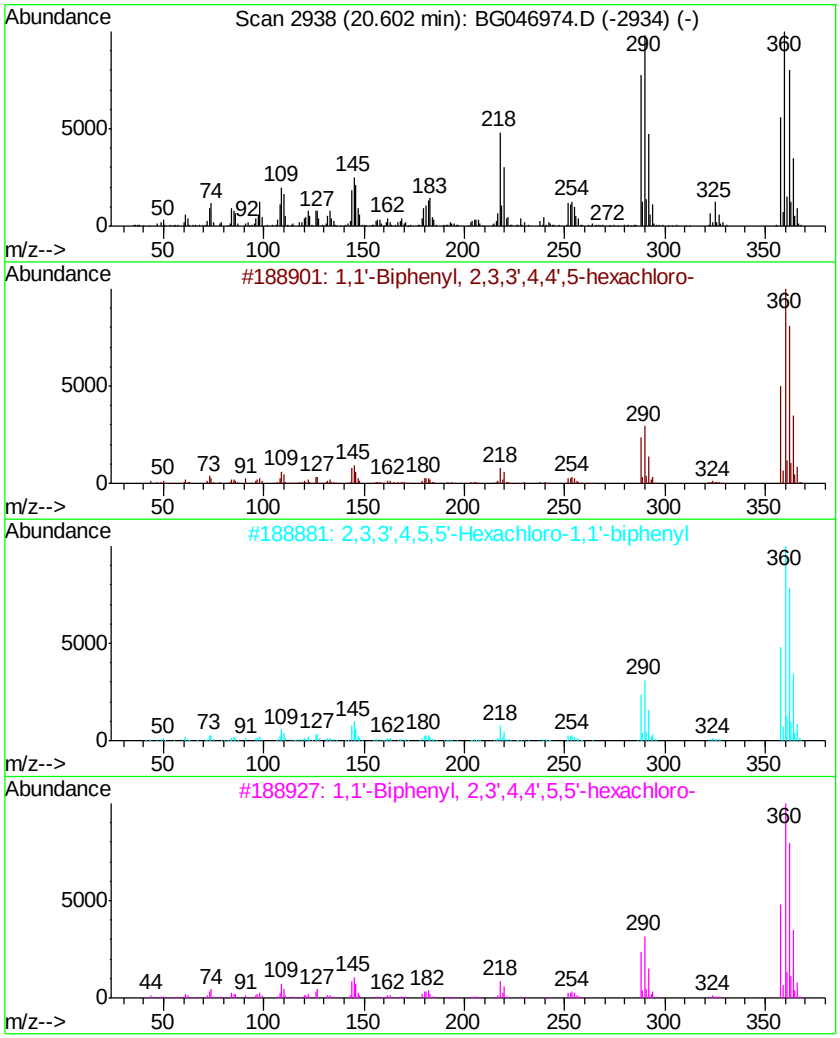
Quant Title : SVOA CALIBRATION

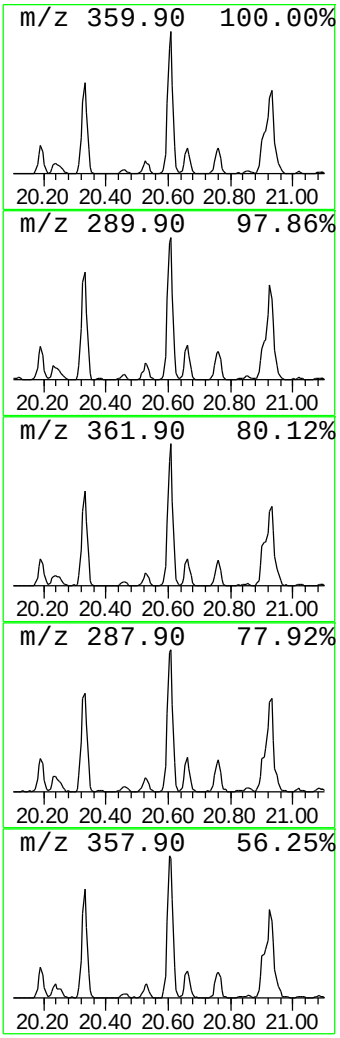
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	15.75 ng/ul	962163	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99





Library Search Compound Report

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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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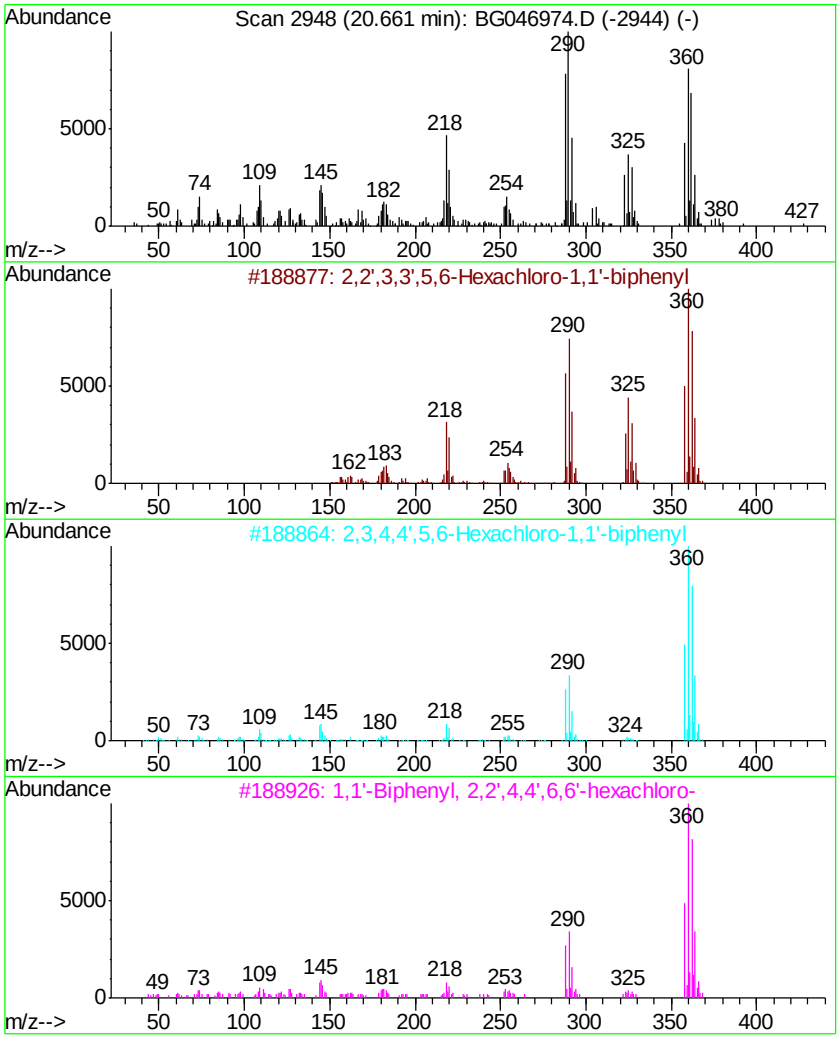
Quant Title : SVOA CALIBRATION

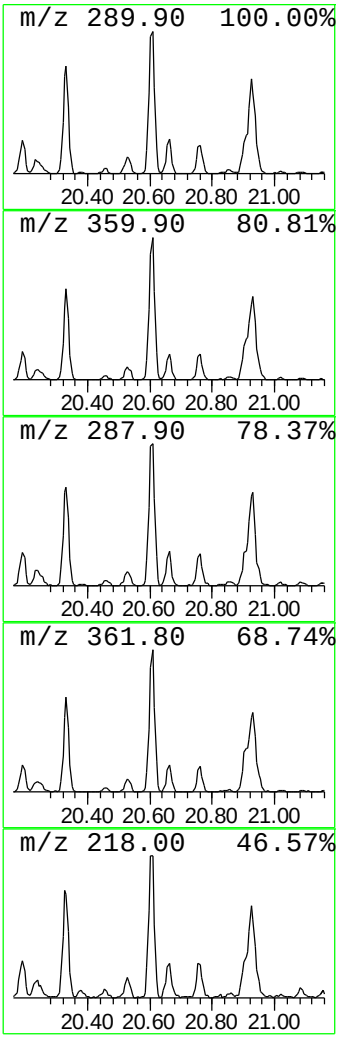
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	4.81 ng/ul	293657	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	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',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99





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Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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

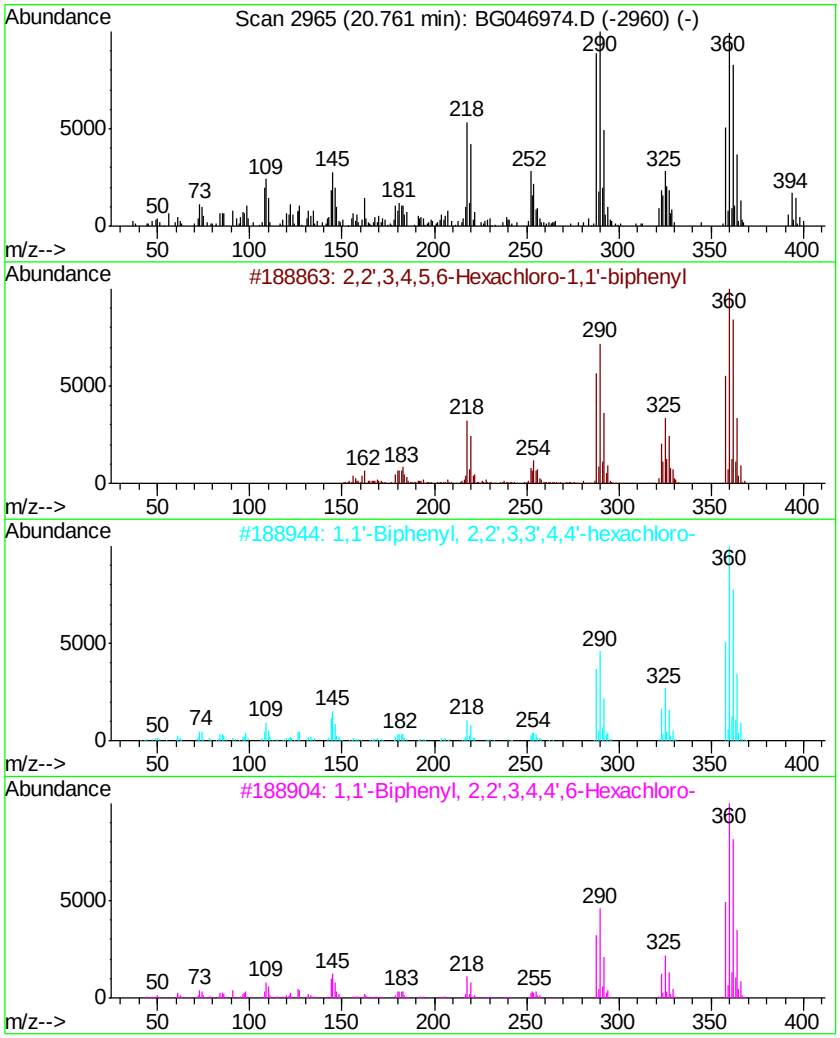
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

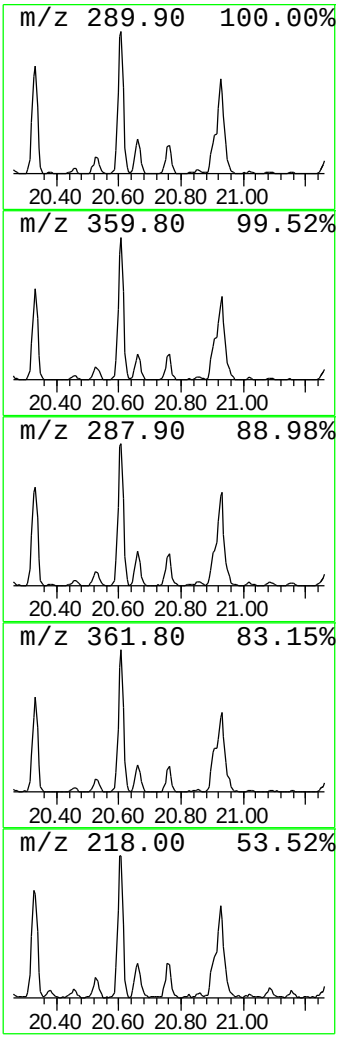
****

Peak Number 16 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	5.67 ng/ul	346036	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





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Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

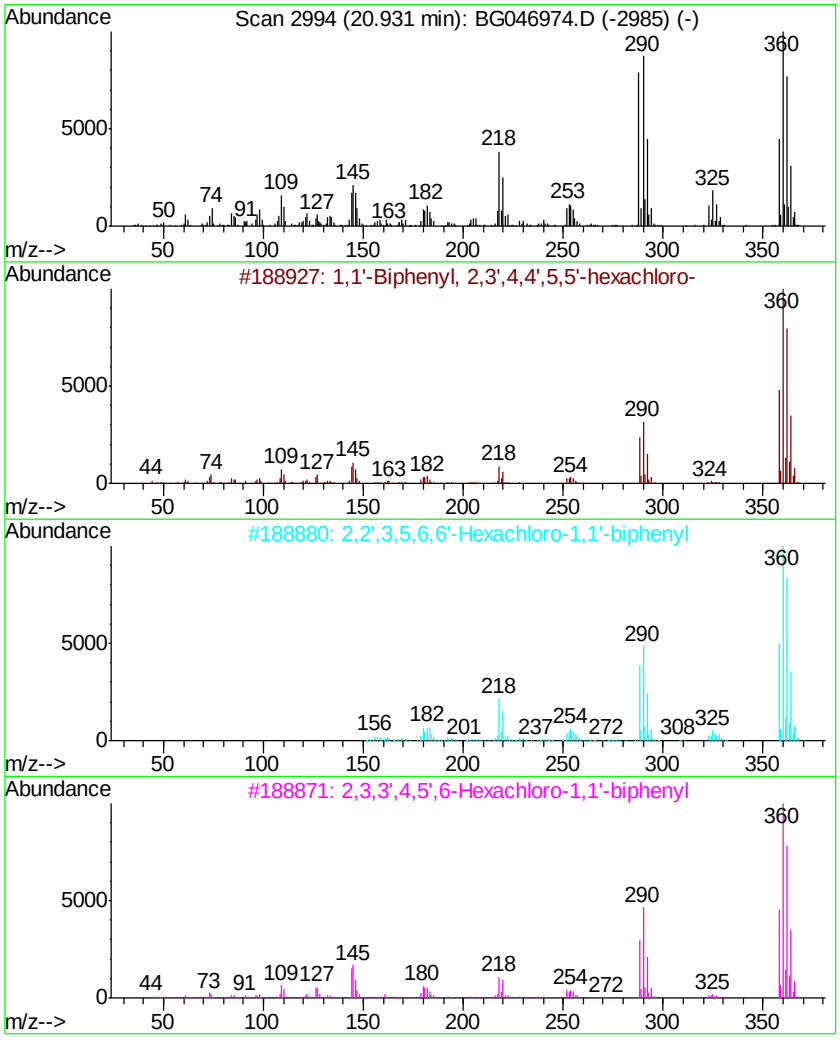
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

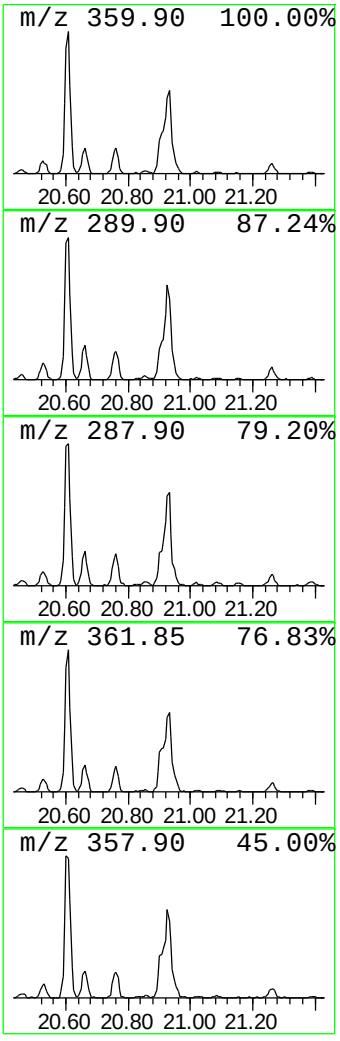
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	15.17 ng/ul	926637	Chrysene-d12	21.71

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	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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

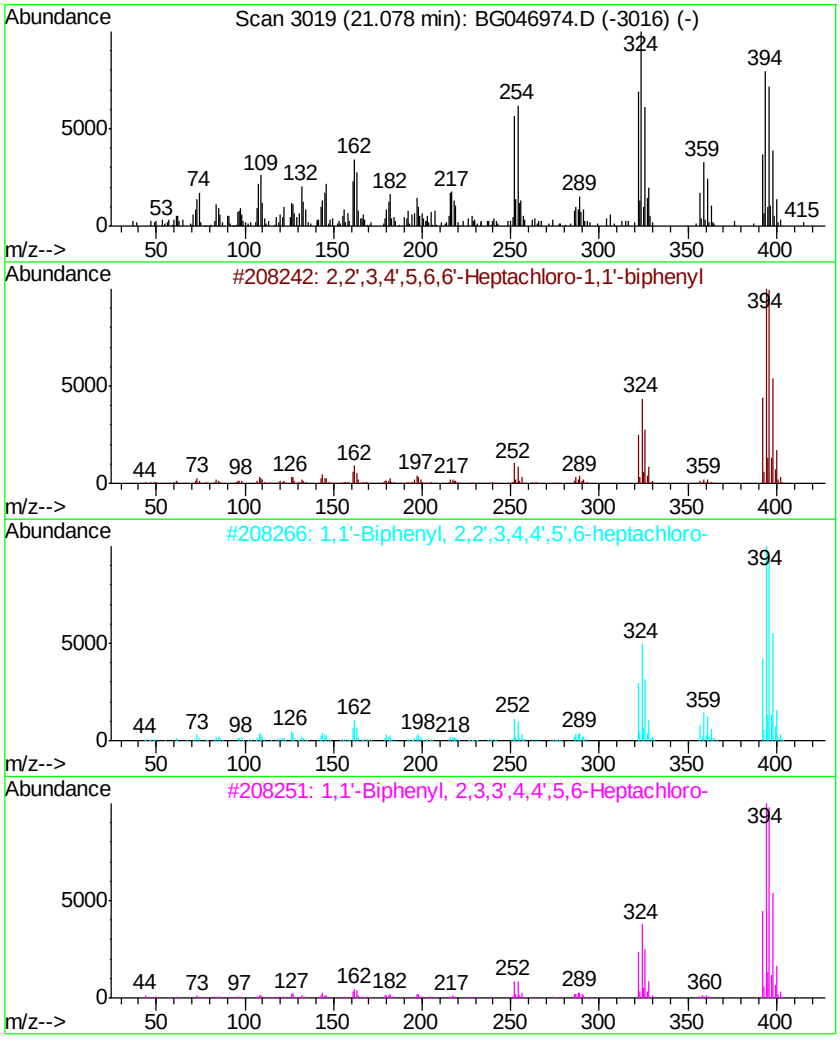
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

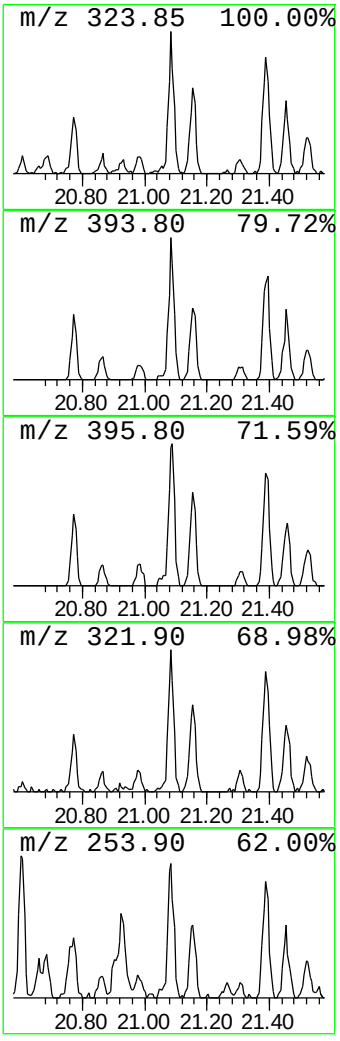
****

Peak Number 18 2,2',3,4',5,6,6'-Heptachlor... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.34 ng/ul	326301	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, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	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',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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

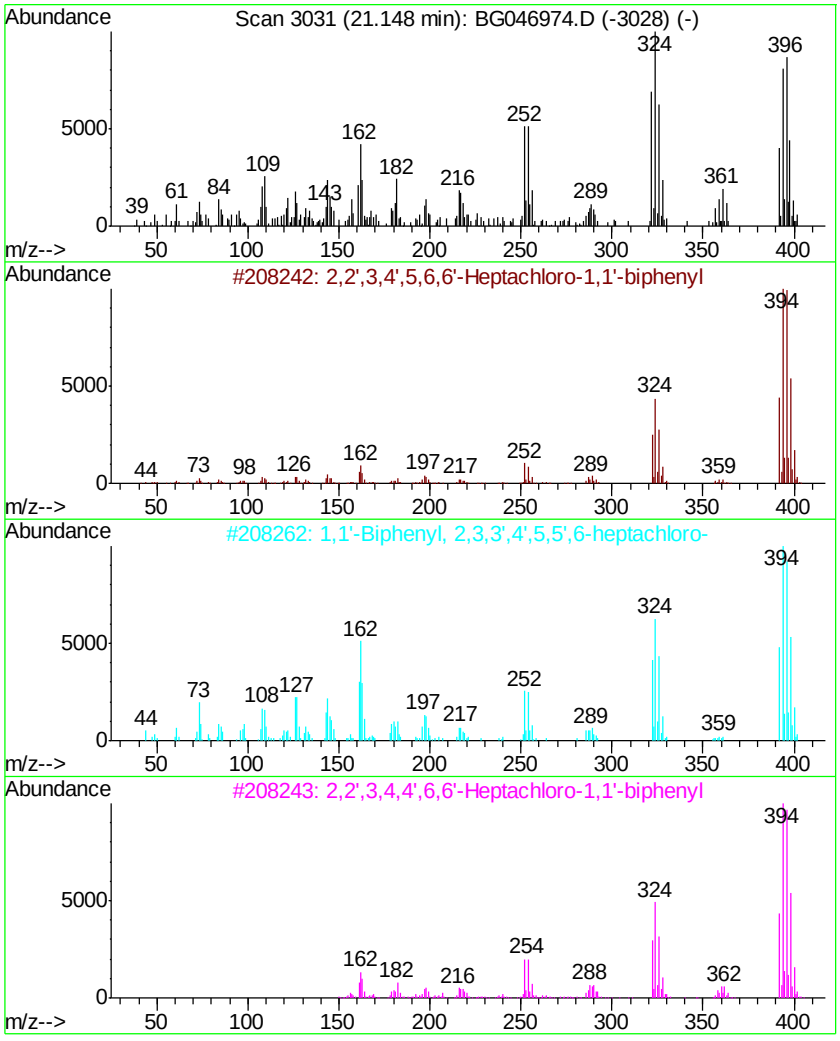
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

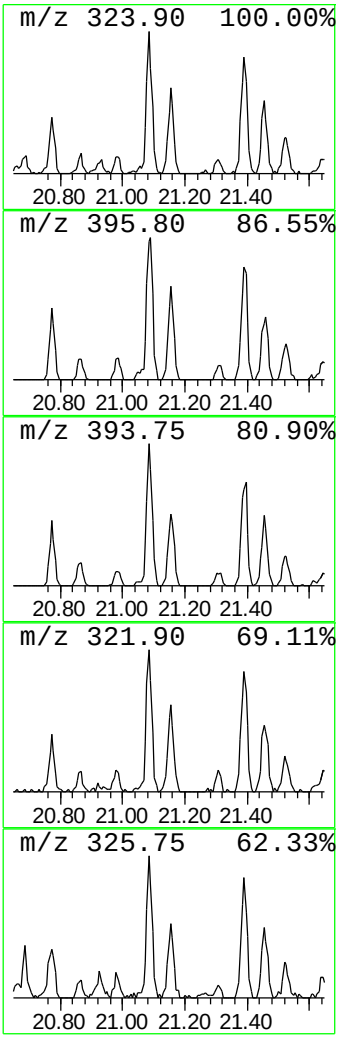
****

Peak Number 19 1,1'-Biphenyl, 2,3,3',4',5,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	3.06 ng/ul	186734	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	96
2	1,1'-Biphenyl, 2,3,3',4',5,5',6-...	392	C12H3Cl7	069782-91-8	94
3	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	94
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	94
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

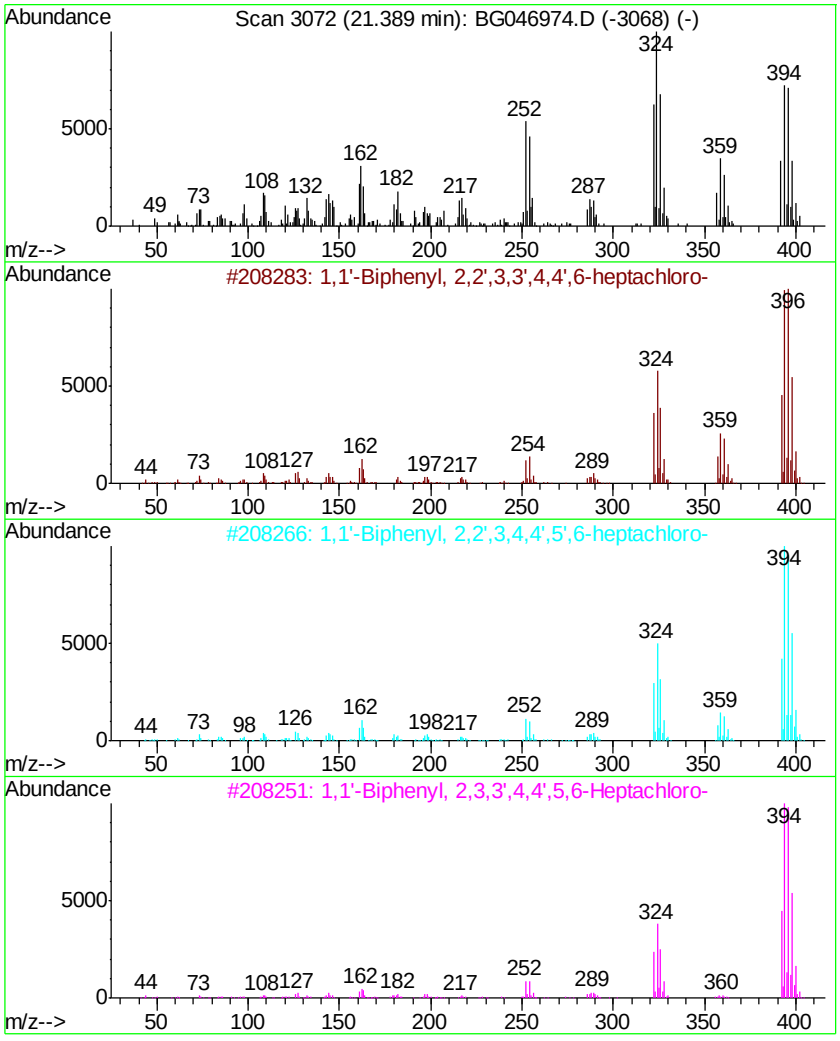
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

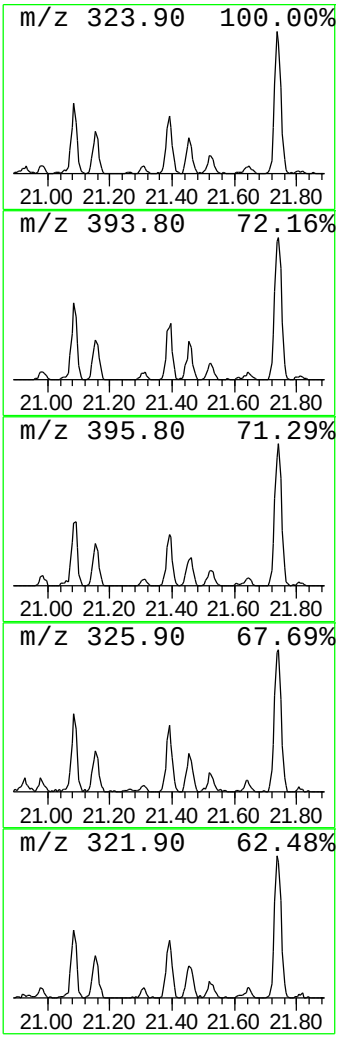
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	4.74 ng/ul	289259	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',6-...	392	C12H3Cl7	052663-69-1	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',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99





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Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

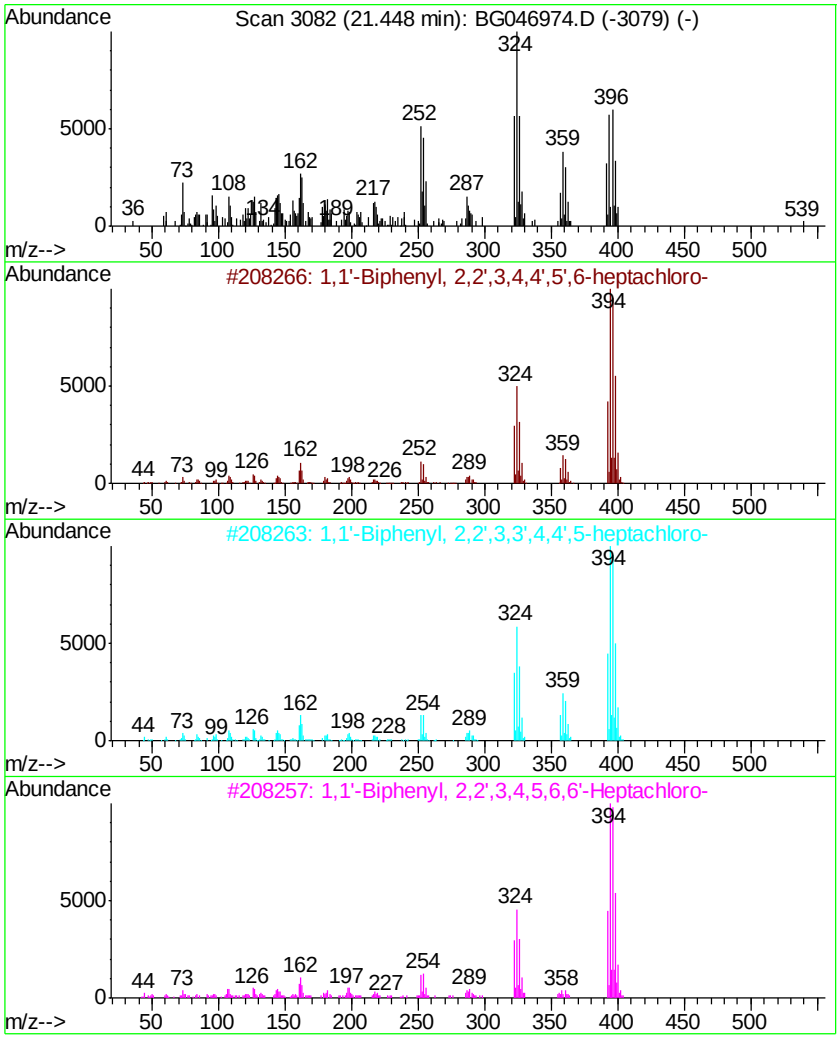
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

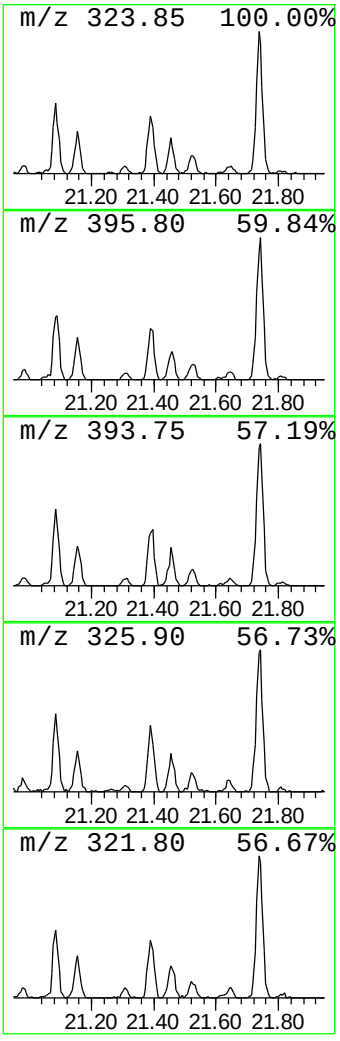
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.88 ng/ul	175611	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

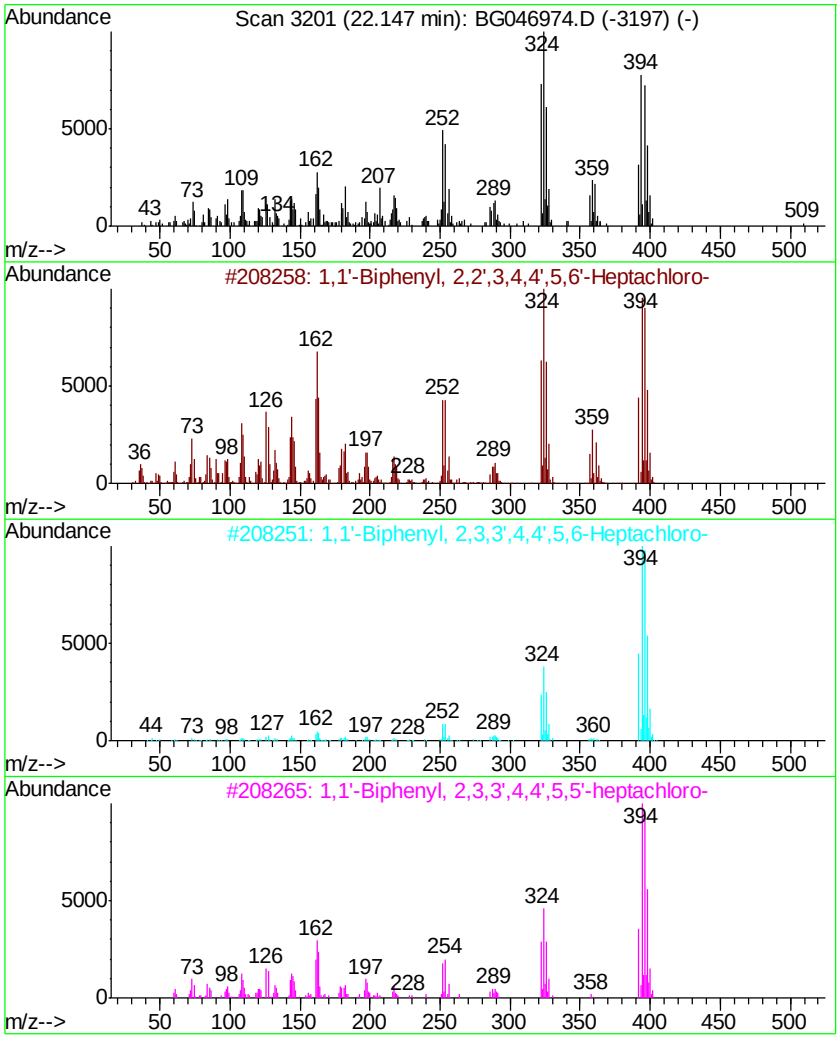
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

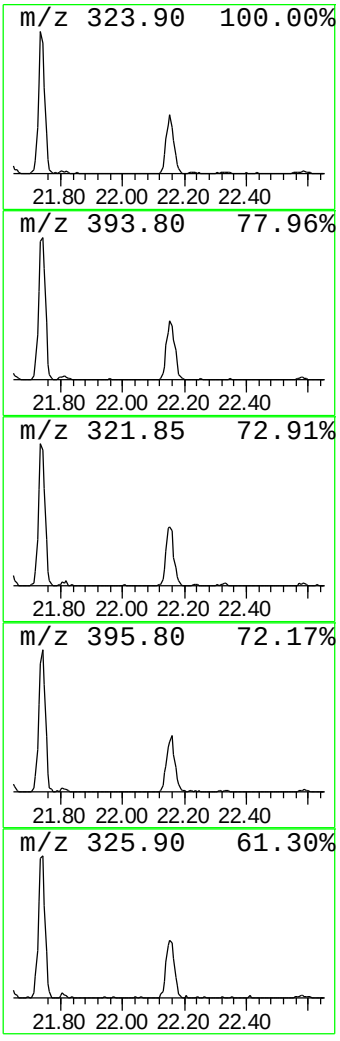
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	5.87 ng/ul	358477	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	97
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	96
3	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	96
4	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	96
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

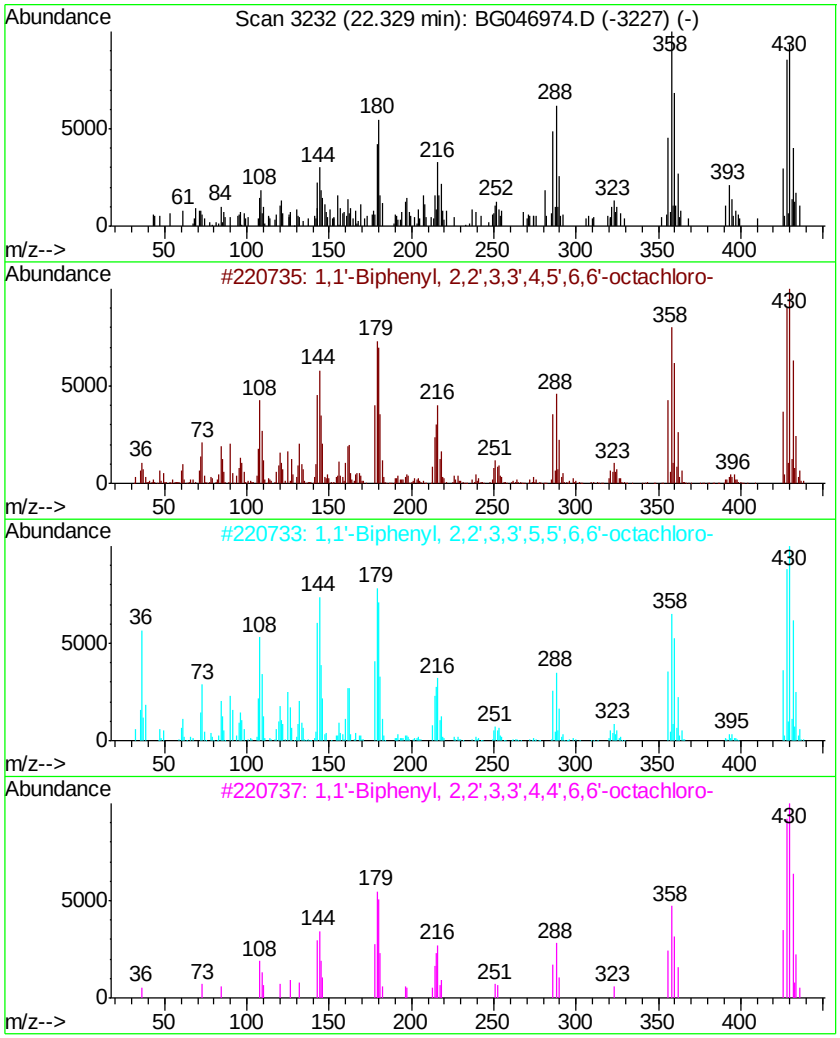
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

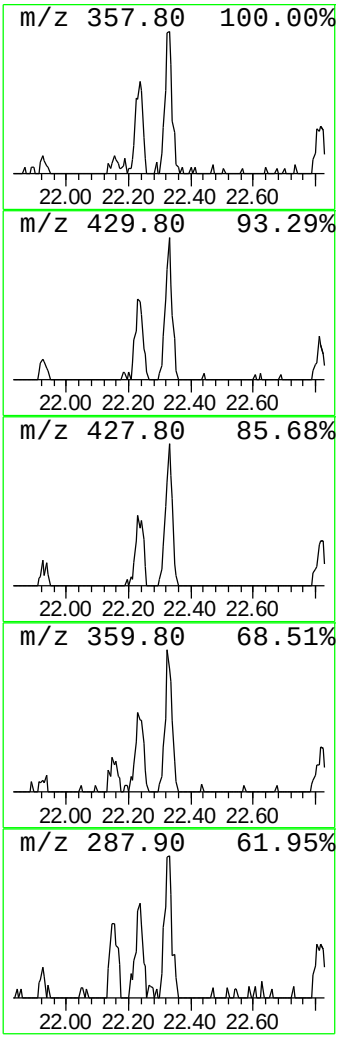
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.00 ng/ul	122277	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	95
2	1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	95
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	90
4	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	87
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101720\
Data File : BG046974.D
Acq On : 18 Oct 2020 14:28
Operator : CG/JU
Sample : L4402-02
Misc : GCMS CONFIRMATION
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB5

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	27.6	ng/ul	698850	1	8.06	505496	20.0
1,1'-Biphenyl, 2,...	18.04	3.8	ng/ul	191540	4	17.44	1009940	20.0
1,1'-Biphenyl, 3,...	18.50	3.3	ng/ul	166000	4	17.44	1009940	20.0
1,1'-Biphenyl, 2,...	18.79	2.3	ng/ul	117187	4	17.44	1009940	20.0
2,3,3',6-Tetrachl...	19.32	2.2	ng/ul	109405	4	17.44	1009940	20.0
1,1'-Biphenyl, 2,...	19.34	8.1	ng/ul	411235	4	17.44	1009940	20.0
3,4,4',5-Tetrachl...	19.56	2.6	ng/ul	134064	4	17.44	1009940	20.0
1,1'-Biphenyl, 2,...	19.63	7.1	ng/ul	431866	5	21.71	1221590	20.0
3,3',4,5,5'-Penta...	20.07	5.5	ng/ul	336349	5	21.71	1221590	20.0
2,3,4,4',5,6-Hexa...	20.19	3.8	ng/ul	231496	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	20.24	2.3	ng/ul	142364	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	20.33	12.0	ng/ul	735496	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	20.38	2.1	ng/ul	130412	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	20.60	15.8	ng/ul	962163	5	21.71	1221590	20.0
2,2',3,3',5,6-Hex...	20.66	4.8	ng/ul	293657	5	21.71	1221590	20.0
2,2',3,4,5,6-Hexa...	20.76	5.7	ng/ul	346036	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	20.93	15.2	ng/ul	926637	5	21.71	1221590	20.0
2,2',3,4',5,6,6'-...	21.08	5.3	ng/ul	326301	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	21.15	3.1	ng/ul	186734	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	21.39	4.7	ng/ul	289259	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	21.45	2.9	ng/ul	175611	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	22.15	5.9	ng/ul	358477	5	21.71	1221590	20.0
1,1'-Biphenyl, 2,...	22.33	2.0	ng/ul	122277	5	21.71	1221590	20.0