LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

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_M\METHODS\SOM-EPA-BM051320MA.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	2.928	3	7	11	rVB	613074	572261	19.44%	1.692%
2	3.246	57	61	65	rVB	30268	34641	1.18%	0.102%
3	3.328	73	75	80	rBV5	2167	2972	0.10%	0.009%
4	3.699	135	138	144	rVB	11991	16092	0.55%	0.048%
5	7.416	764	770	780	rBV	718728	1088382	36.98%	3.218%
6	10.175	1231	1239	1253	rBV	836649	1397203	47.48%	4.131%
7	12.621	1650	1655	1662	rBV5	3050	6293	0.21%	0.019%
8	14.068	1895	1901	1916	rBV2	1064342	1572672	53.44%	4.649%
9	14.210	1919	1925	1931	rVB2	12493	20940	0.71%	0.062%
10	14.968	2051	2054	2061	rVB5	1574	3477	0.12%	0.010%
11	15.039	2061	2066	2068	rBV3	2445	3061	0.10%	0.009%
12	15.345	2112	2118	2129	rVB	267353	368941	12.54%	1.091%
13	15.527	2147	2149	2156	rBV5	1809	3887	0.13%	0.011%
14	15.786	2189	2193	2198	rBV3	23817	32610	1.11%	0.096%
15	15.951	2217	2221	2226	rVB	56743	76328	2.59%	0.226%
16	16.068	2234	2241	2250	rBV	298878	392803	13.35%	1.161%
17	16.362	2286	2291	2297	rBV	146671	197432	6.71%	0.584%
18	16.609	2331	2333	2340	rBV6	5312	9053	0.31%	0.027%
19	16.715	2345	2351	2354	rVV	765483	991929	33.70%	2.932%
20	16.751	2354	2357	2363	rVV	504127	608064	20.66%	1.798%
21	16.821	2363	2369	2374	rVV	1264413	1738165	59.06%	5.139%
22	16.862	2374	2376	2383	rVV	93904	120993	4.11%	0.358%
23	16.921	2383	2386	2389	rVB5	2886	4483	0.15%	0.013%
24	17.009	2394	2401	2407	rBV2	546985	792313	26.92%	2.342%
25	17.127	2418	2421	2426	rVB5	5880	7208	0.24%	0.021%
26	17.204	2430	2434	2441	rBV5	4862	10048	0.34%	0.030%
27	17.292	2444	2449	2451	rBV	145977	195572	6.65%	0.578%
28	17.321	2451	2454	2459	rVB	79383	100547	3.42%	0.297%
29	17.380	2459	2464	2466	rBV5	2619	3667	0.12%	0.011%
30	17.439	2466	2474	2482	rBV	1581616	2943028	100.00%	8.700%
31	17.556	2487	2494	2501	rVV3	437334	748257	25.42%	2.212%
32	17.627	2501	2506	2510	rVV	73249	92662	3.15%	0.274%
33	17.680	2510	2515	2520	rVV	446135	578982	19.67%	1.712%
34	17.733	2520	2524	2530	rVB	244413	311140	10.57%	0.920%

LSC Area Percent Report

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Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

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_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

35	17.845	2538	2543	2548	rBV	100940	127819	4.34%	0.378%
36	17.904	2548	2553	2559	rVV	1124854	1520345	51.66%	4.495%
37	17.968	2559	2564	2567	rVV	801151	1049537	35.66%	3.103%
38	18.009	2567	2571	2577	rVB	619917	790598	26.86%	2.337%
39	18.192	2596	2602	2606	rVV	1062038	1410596	47.93%	4.170%
40	18.239	2606	2610	2615	rVV	354111	495229	16.83%	1.464%
41	18.292	2615	2619	2623	rVV	270909	363699	12.36%	1.075%
42	18.333	2623	2626	2629	rVV	332350	428876	14.57%	1.268%
43	18.368	2629	2632	2639	rVB	676113	856075	29.09%	2.531%
44	18.433	2639	2643	2645	rBV4	12957	16405	0.56%	0.048%
45	18.468	2645	2649	2655	rVB	215696	281234	9.56%	0.831%
46	18.551	2659	2663	2670	rVB2	28643	35474	1.21%	0.105%
47	18.627	2671	2676	2681	rBV	51949	66103	2.25%	0.195%
48	18.686	2681	2686	2690	rBV	584653	722770	24.56%	2.137%
49	18.739	2690	2695	2698	rVV	1084413	1448227	49.21%	4.281%
50	18.774	2698	2701	2709	rVV2	1155873	1549736	52.66%	4.581%
51	18.851	2709	2714	2718	rVV	98682	118917	4.04%	0.352%
52	18.892	2718	2721	2725	rVB4	14120	18538	0.63%	0.055%
53	18.986	2731	2737	2744	rBV	547861	1072803	36.45%	3.172%
54	19.050	2744	2748	2755	rVV2	416359	649075	22.05%	1.919%
55	19.115	2755	2759	2766	rVB	219757	263106	8.94%	0.778%
56	19.192	2769	2772	2775	rBV5	9764	11052	0.38%	0.033%
57	19.245	2777	2781	2787	rBV4	34505	42417	1.44%	0.125%
58	19.315	2788	2793	2798	rVV	182829	219895	7.47%	0.650%
59	19.392	2799	2806	2810	rVV	209895	261273	8.88%	0.772%
60	19.445	2810	2815	2819	rVV	115991	146324	4.97%	0.433%
61	19.503	2819	2825	2829	rVV	415166	515641	17.52%	1.524%
62	19.550	2829	2833	2838	rVB	90374	109244	3.71%	0.323%
63	19.645	2843	2849	2853	rBV2	95777	133793	4.55%	0.396%
64	19.721	2859	2862	2865	rBV5	11637	14444	0.49%	0.043%
65	19.768	2865	2870	2874	rVV3	82149	124112	4.22%	0.367%
66	19.821	2874	2879	2885	rVB	336918	390576	13.27%	1.155%
67	19.950	2899	2901	2902	rBV2	13072	10884	0.37%	0.032%
68	20.050	2914	2918	2922	rBV2	73235	88067	2.99%	0.260%
69	20.097	2923	2926	2928	rVV3	41467	50384	1.71%	0.149%
70	20.127	2928	2931	2938	rVB	193631	222857	7.57%	0.659%
71	20.203	2941	2944	2948	rBV5	22588	29531	1.00%	0.087%

LSC Area Percent Report

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Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

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_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

72	20.368	2968	2972	2978	rVB5	75172	107528	3.65%	0.318%
73	20.668	3021	3023	3027	rBV4	24625	26291	0.89%	0.078%
74	20.762	3038	3039	3040	rBV	23810	8736	0.30%	0.026%
75	21.033	3080	3085	3090	rBV	1239179	1498368	50.91%	4.430%
76	23.133	3436	3442	3451	rVB	880343	1483486	50.41%	4.386%

Sum of corrected areas: 33826171

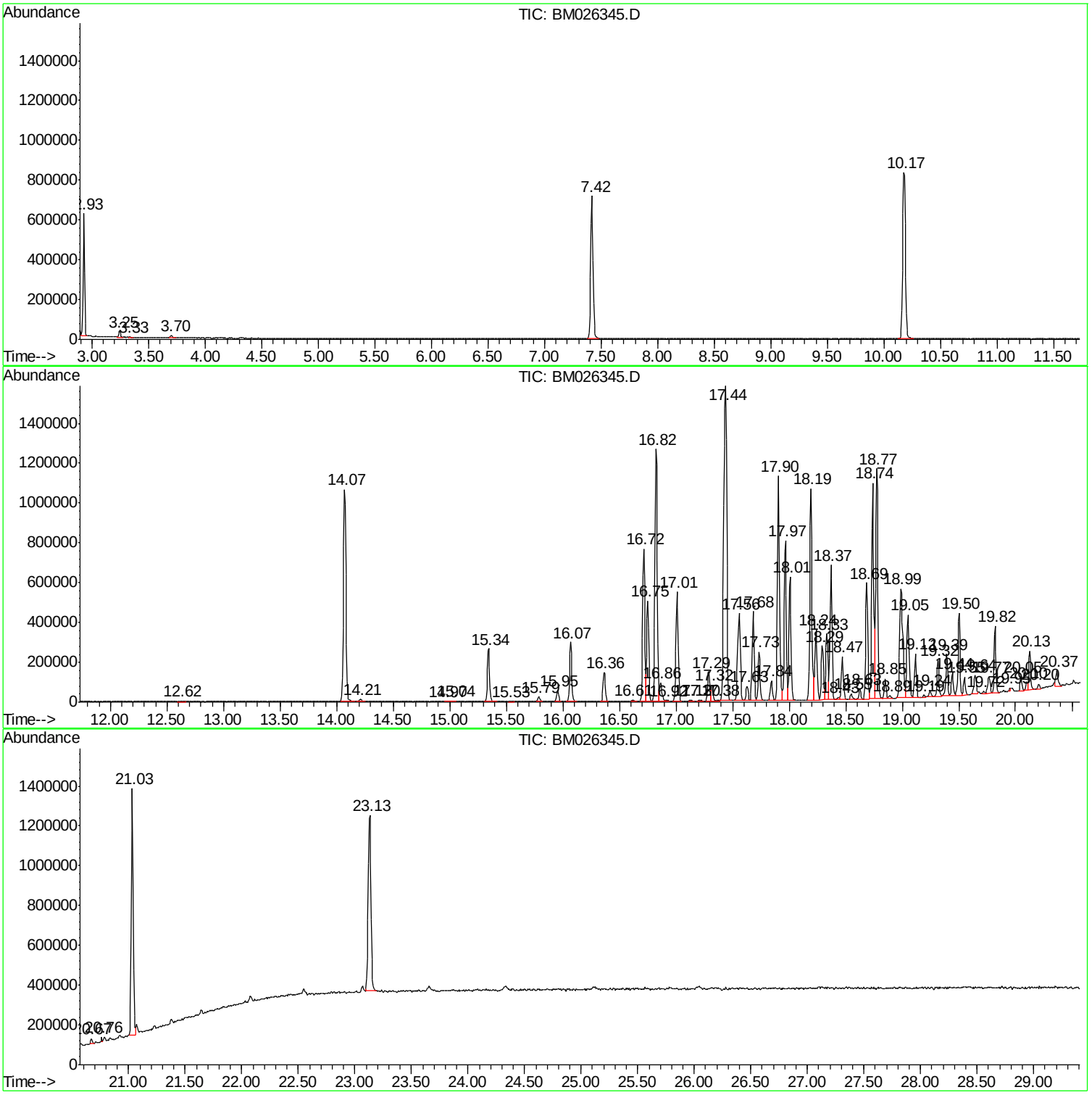
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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 M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

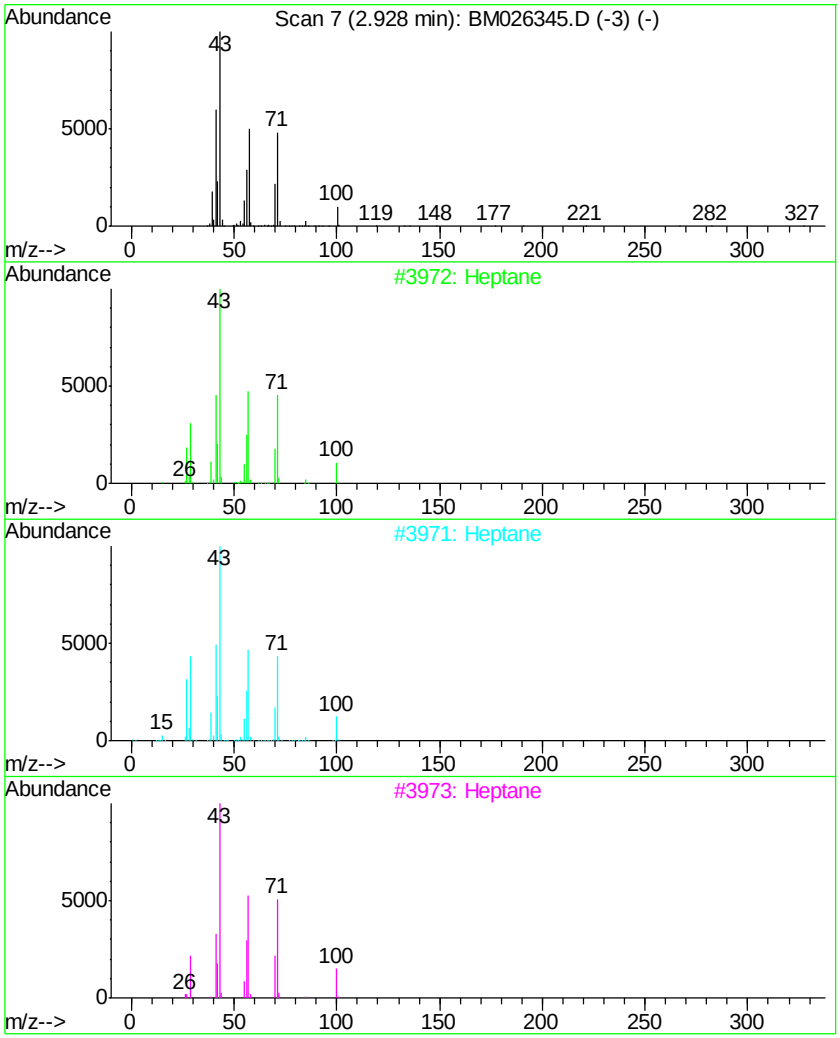
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

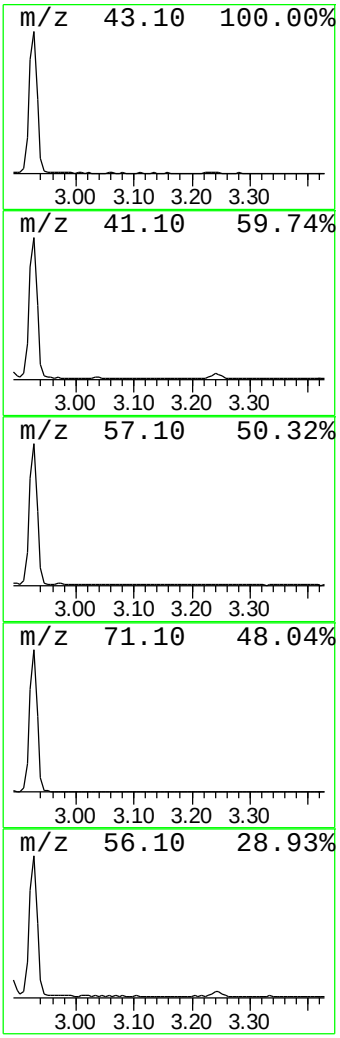
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	10.52 ng/ul	572261	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

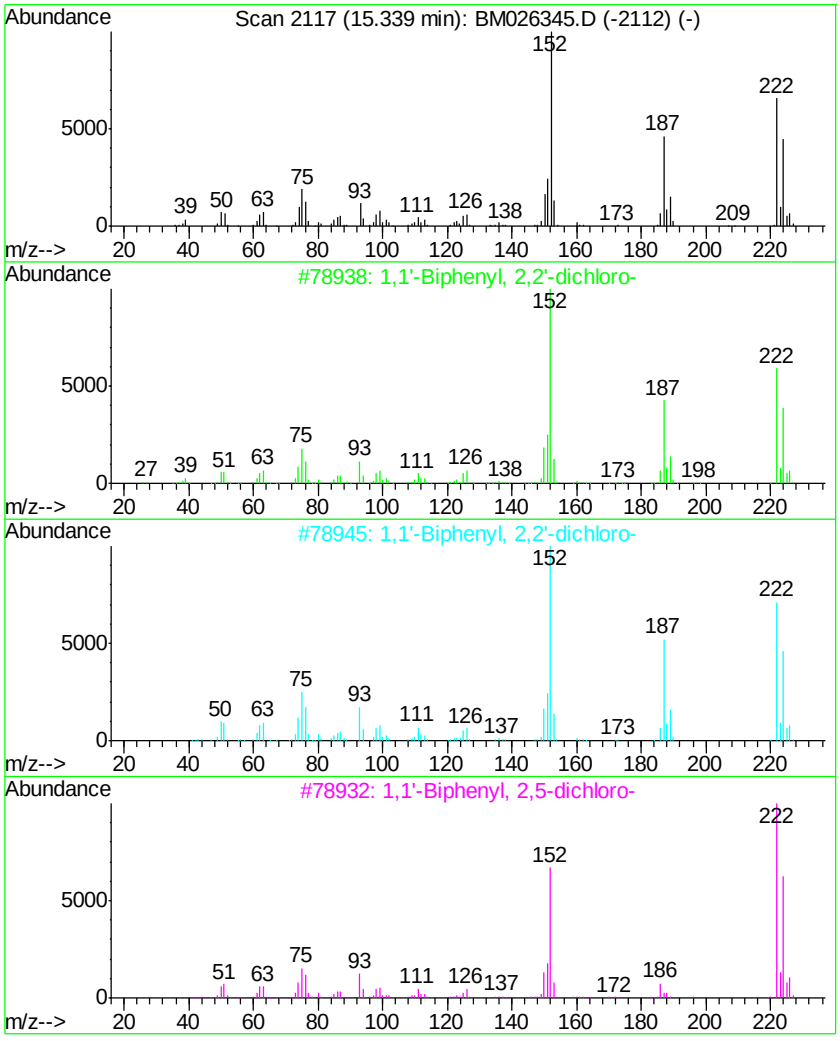
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

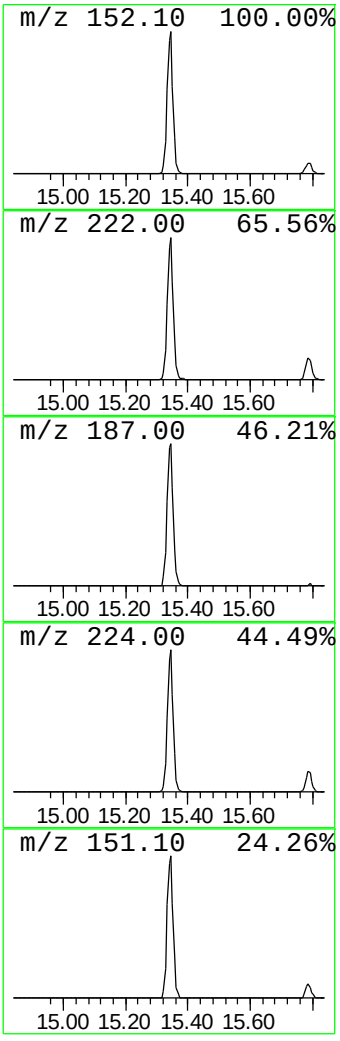
****

Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.69 ng/ul	368941	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95
3	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	95
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	95
5	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

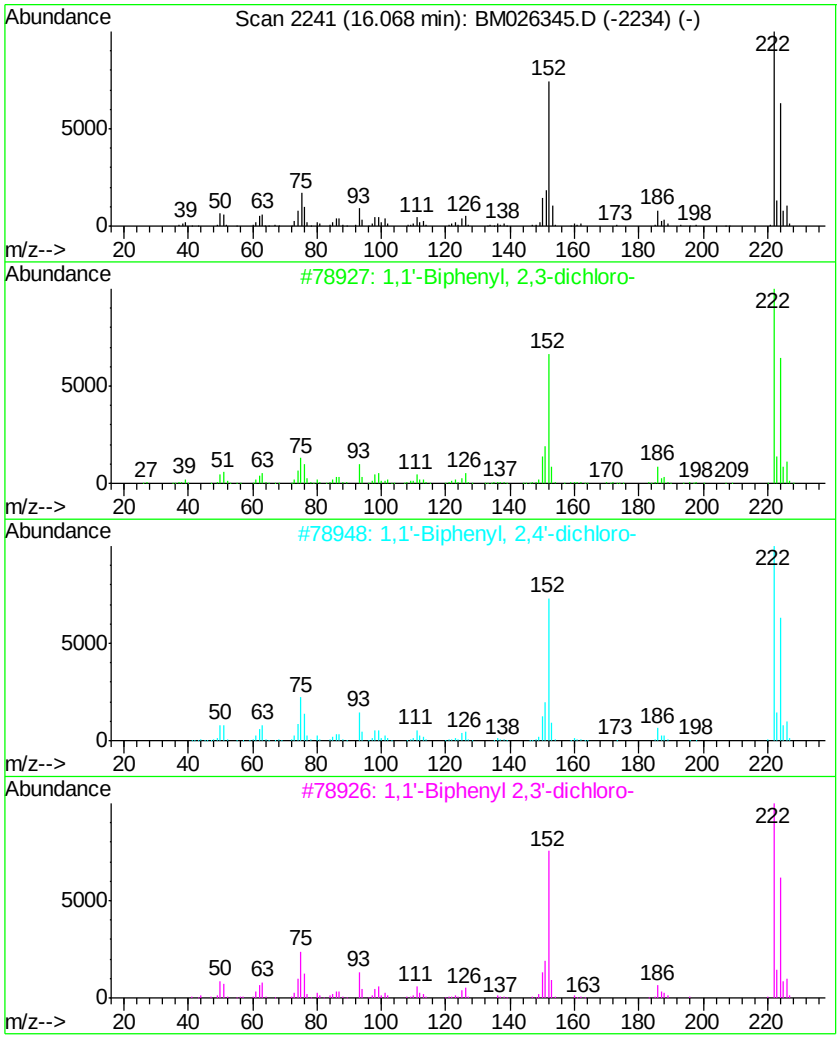
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

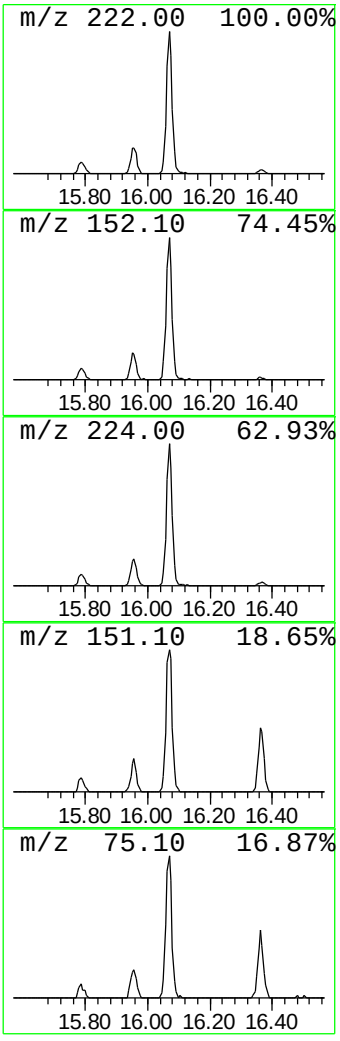
****

Peak Number 3 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	4.52 ng/ul	392803	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	99
3	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	99
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
5	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

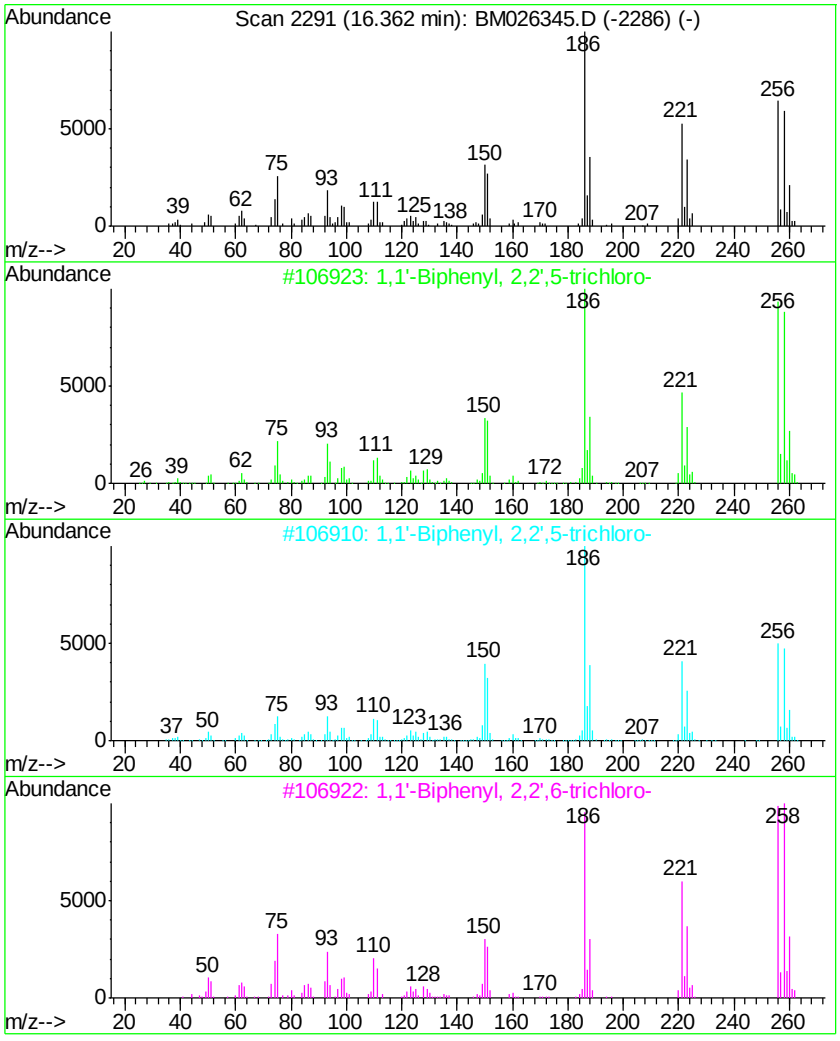
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

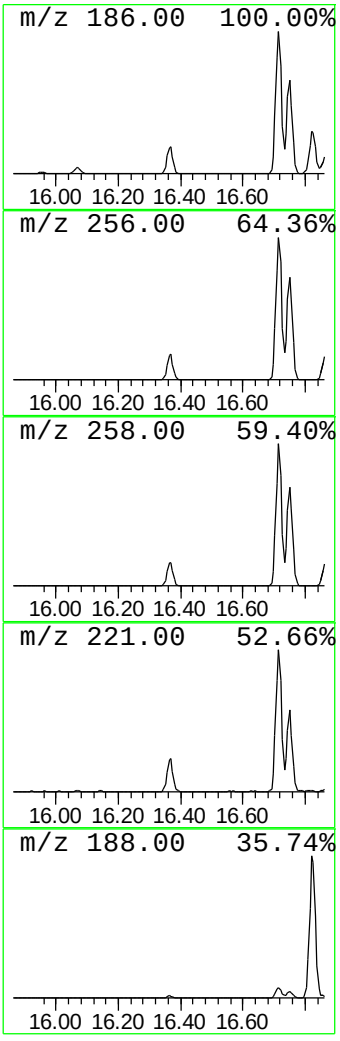
****

Peak Number 4 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.27 ng/ul	197432	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
5	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

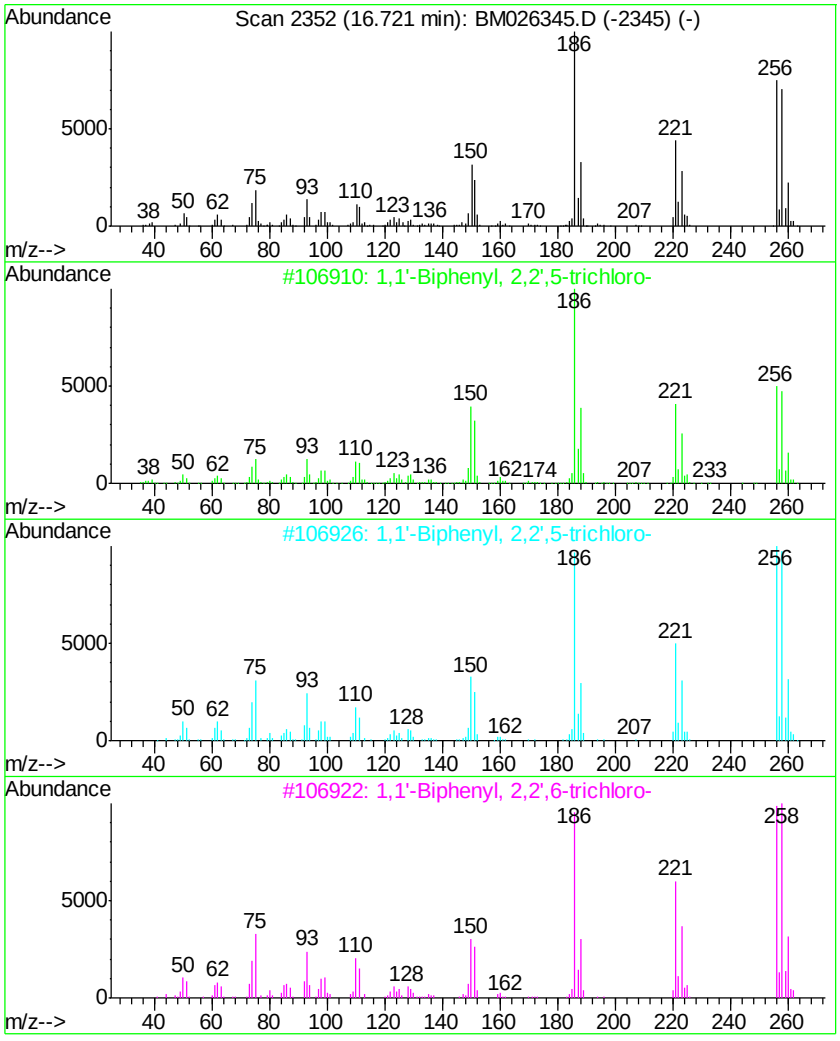
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

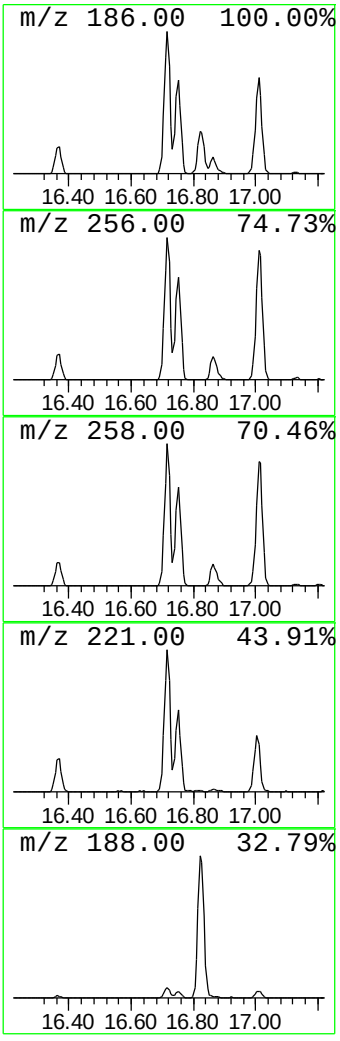
****

Peak Number 5 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	11.41 ng/ul	991929	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
5	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
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Instrument : BNA_M
ClientSampleId : ETX73

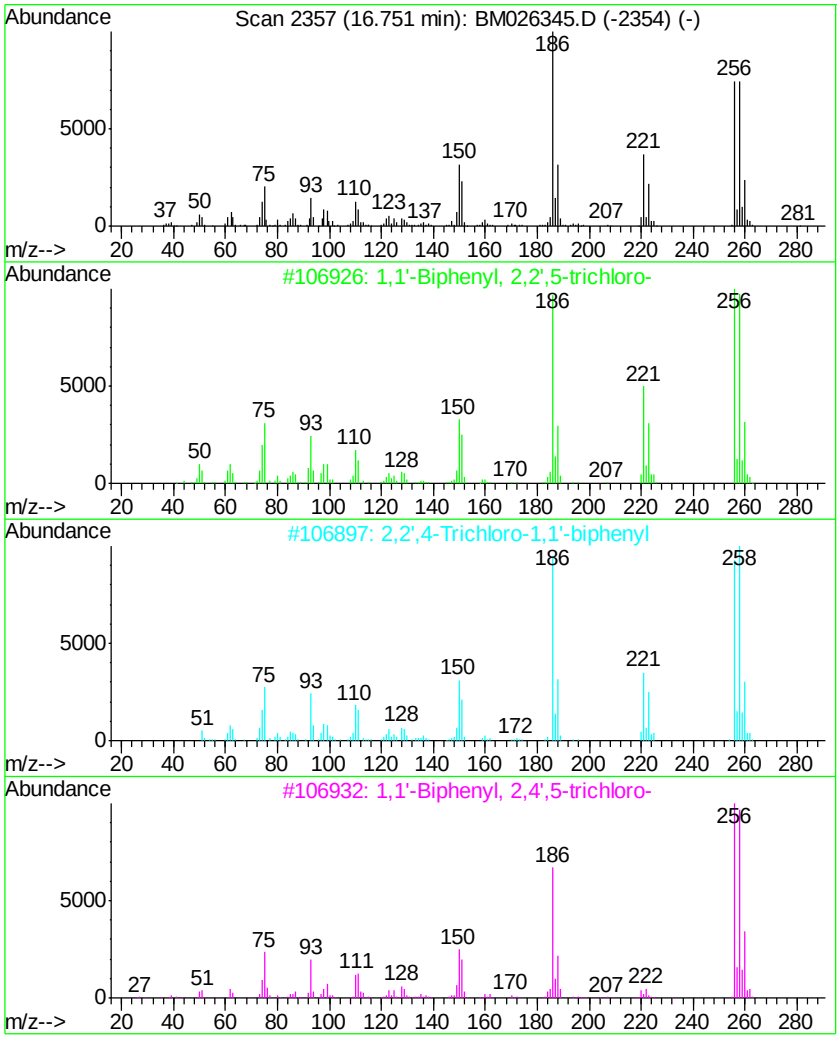
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

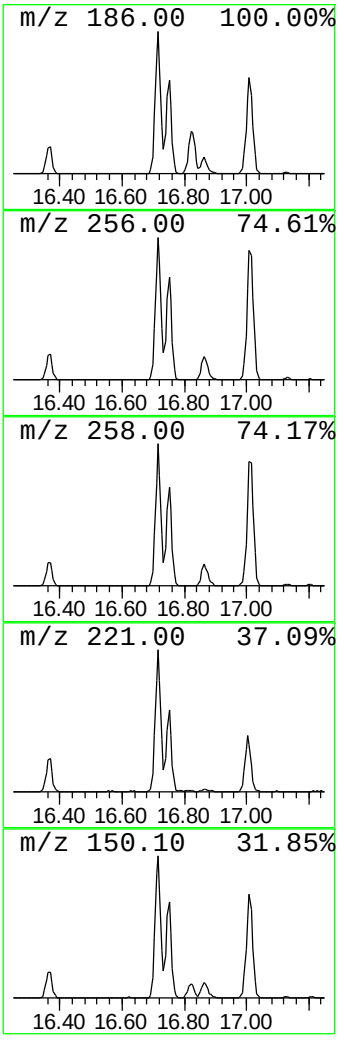
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2',4-Trichloro-1,1'-biphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	7.00 ng/ul	608064	Phenanthrene-d10	16.82

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',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	98
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
4	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	96
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96





Library Search Compound Report

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Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

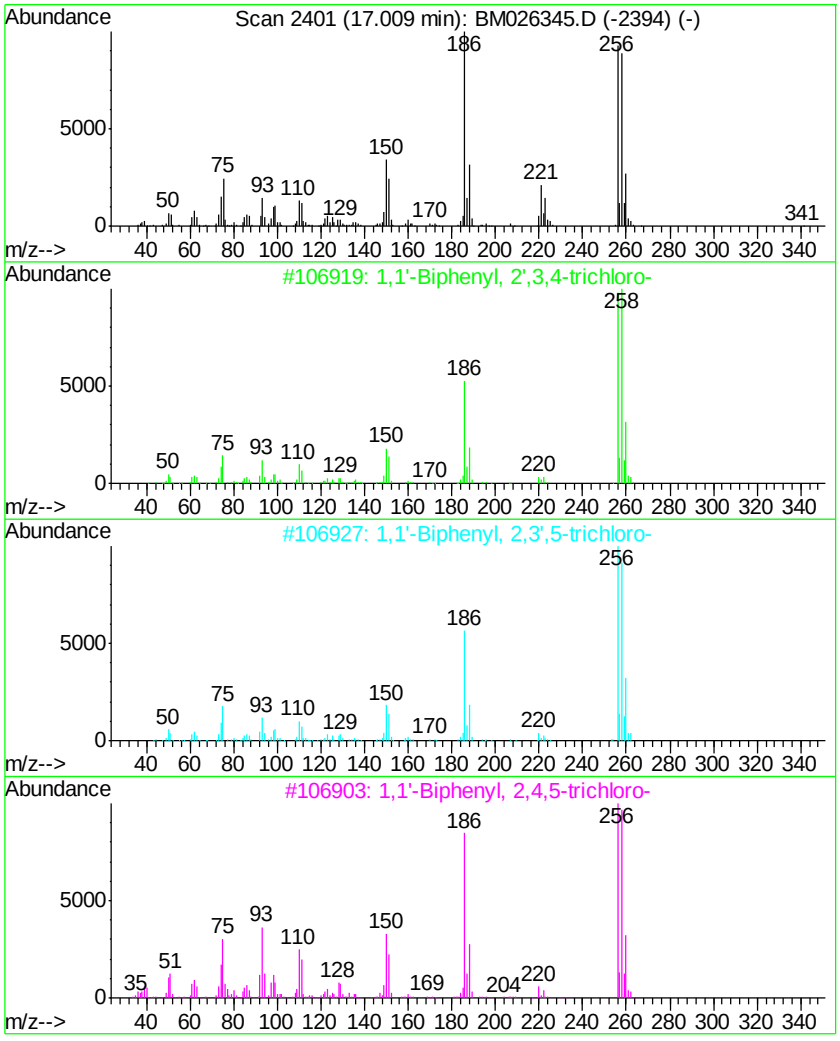
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

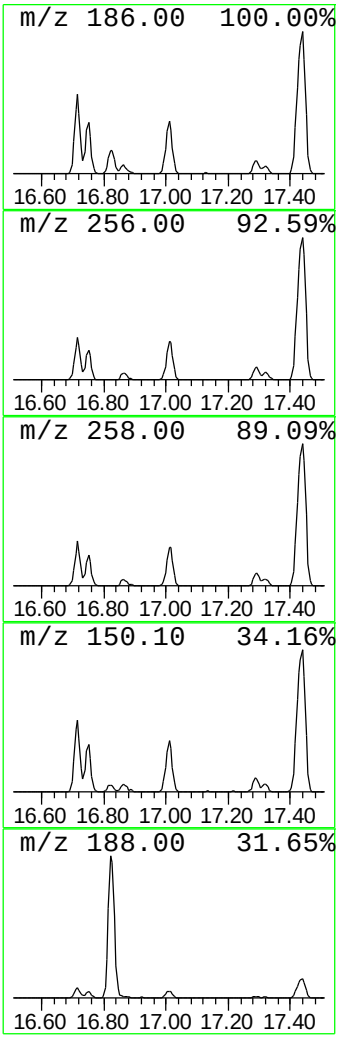
****

Peak Number 7 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	9.12 ng/ul	792313	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98





Library Search Compound Report

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Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

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Quant Title : SVOA CALIBRATION

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

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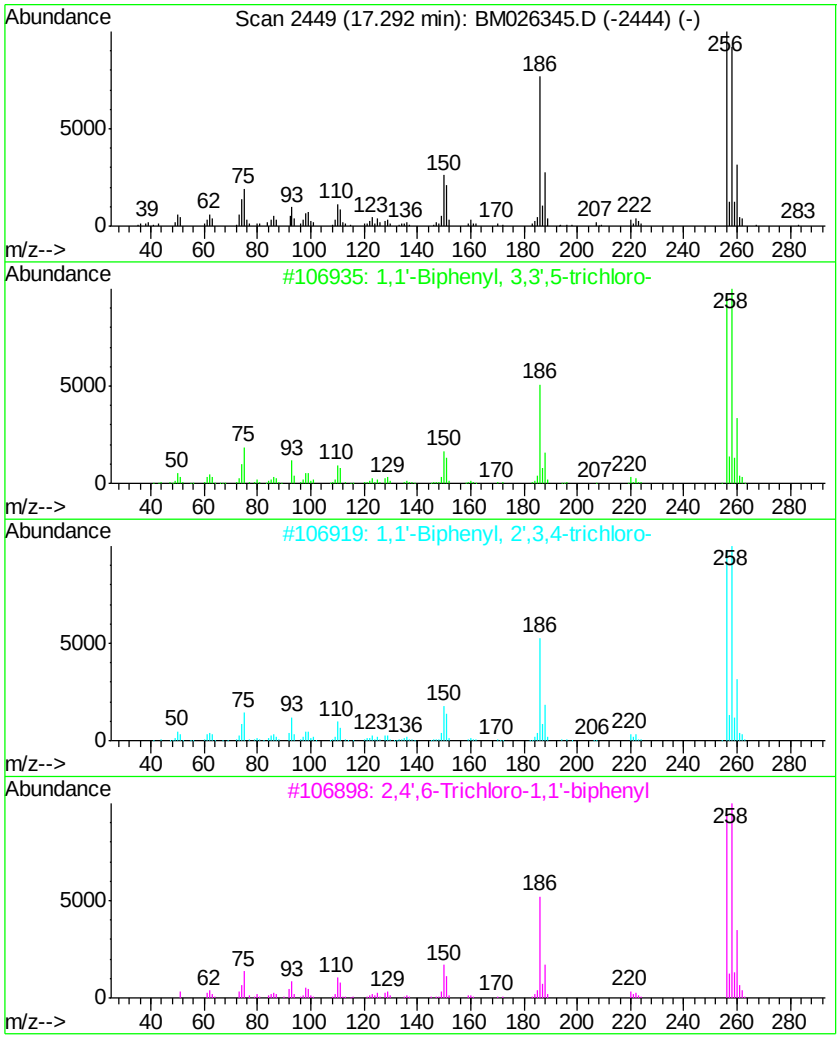
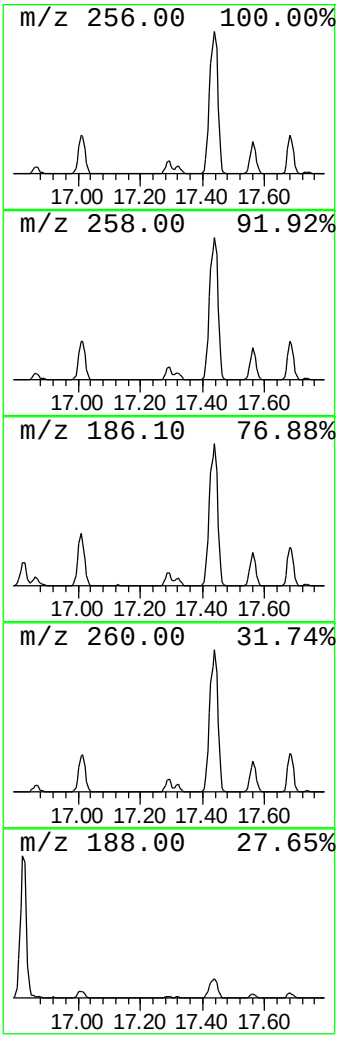
Peak Number 8 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.25 ng/ul	195572	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	99
4	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





Library Search Compound Report

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Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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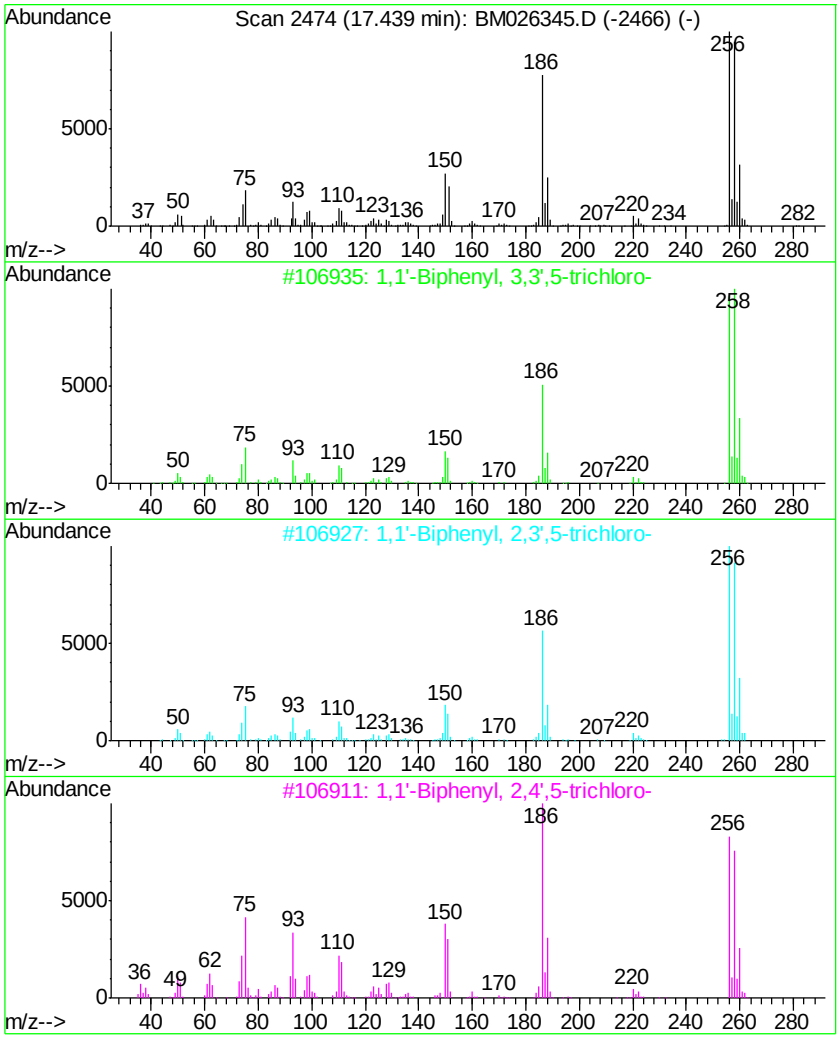
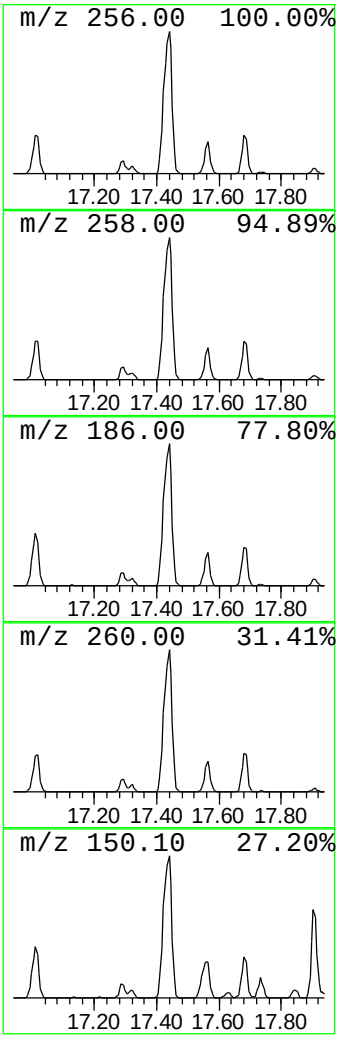
Peak Number 9 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	33.86 ng/ul	2943030	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

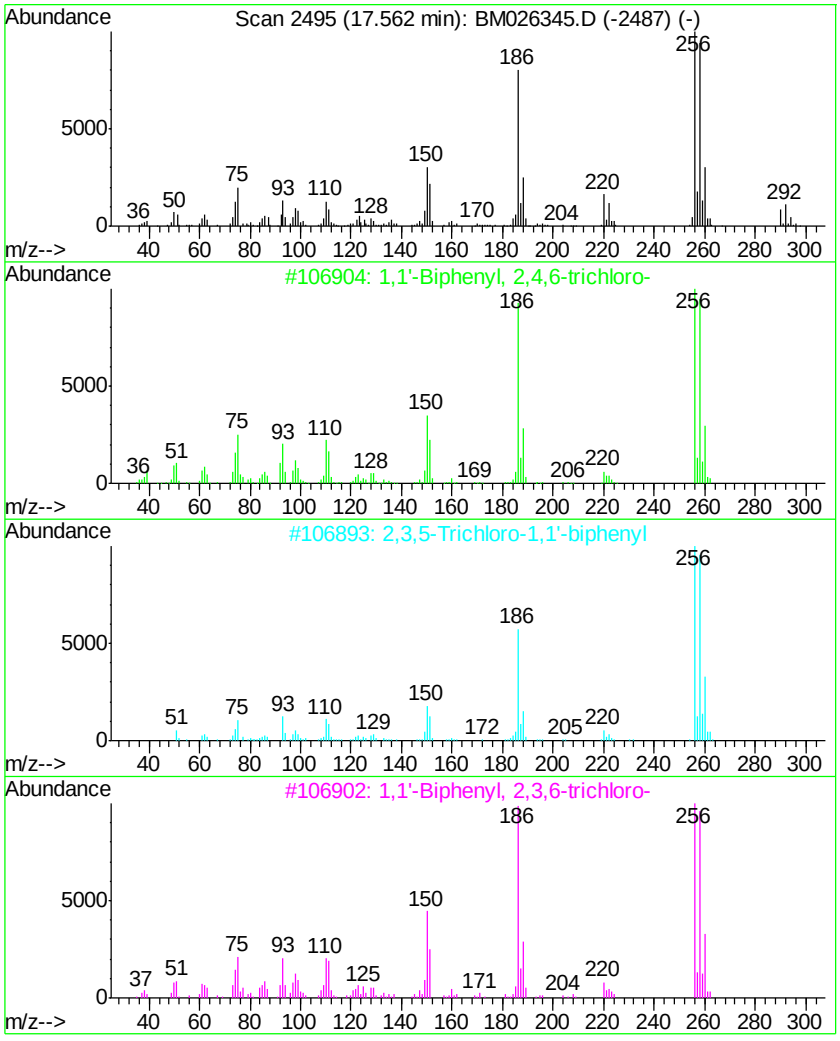
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

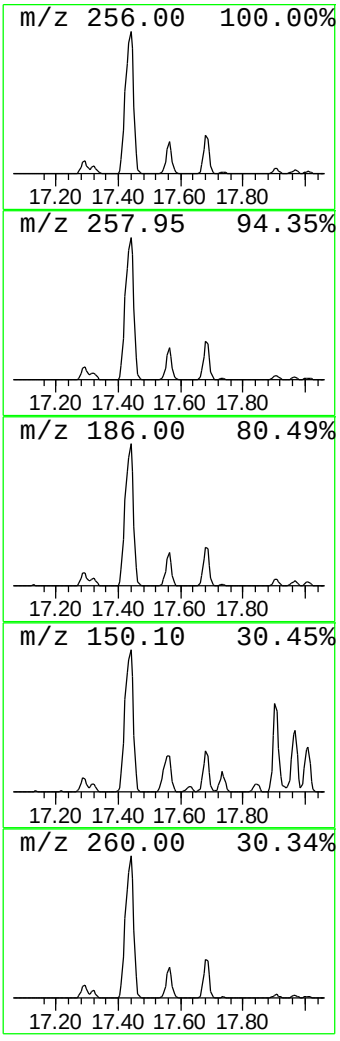
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,4,6-trichl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	8.61 ng/ul	748257	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	99
2	2,3,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	055720-44-0	99
3	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98





Library Search Compound Report

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Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

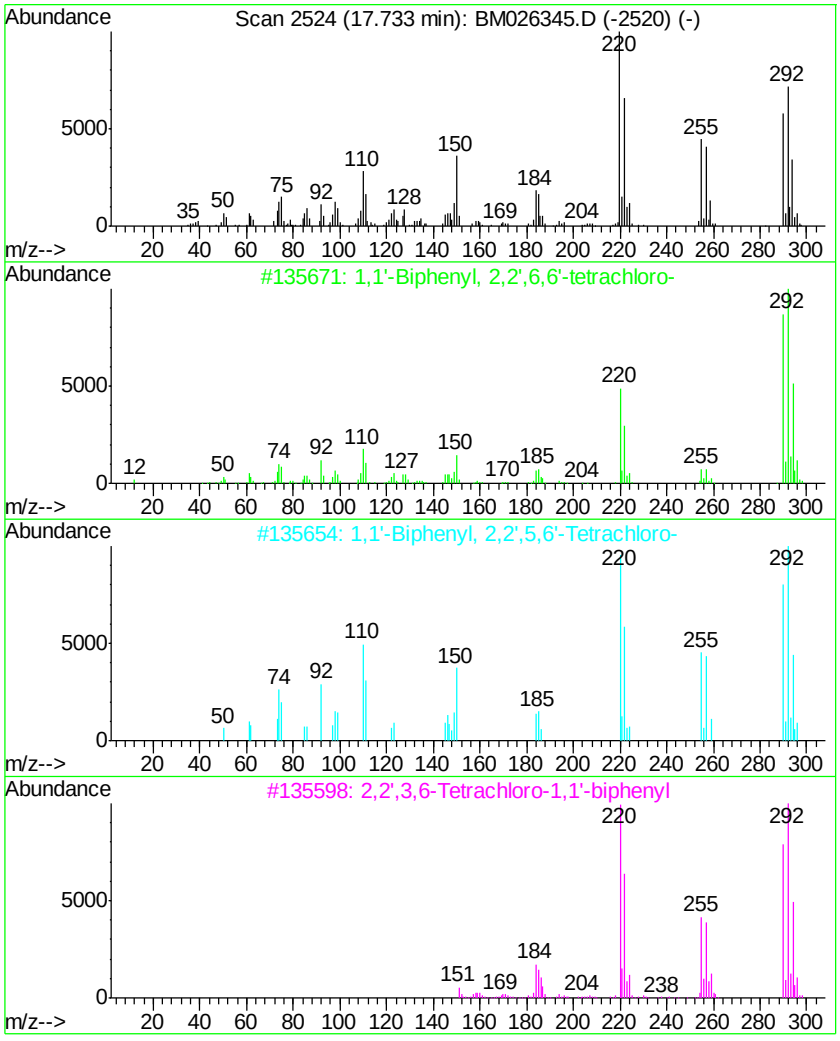
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

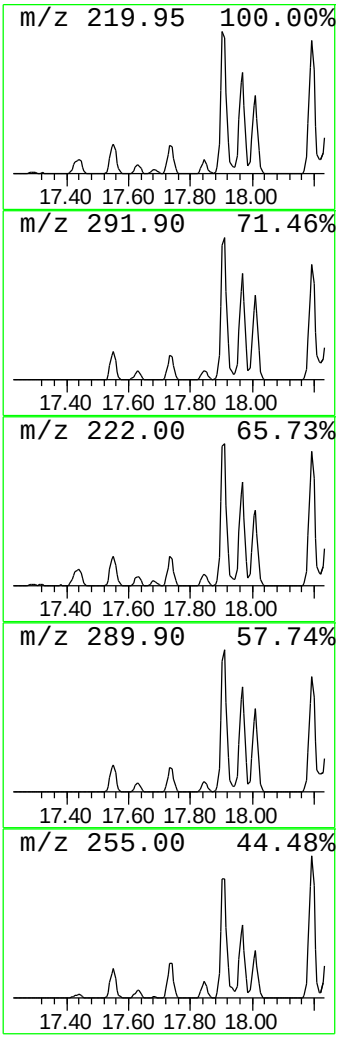
****

Peak Number 12 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.58 ng/ul	311140	Phenanthrene-d10	16.82

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, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	97





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Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

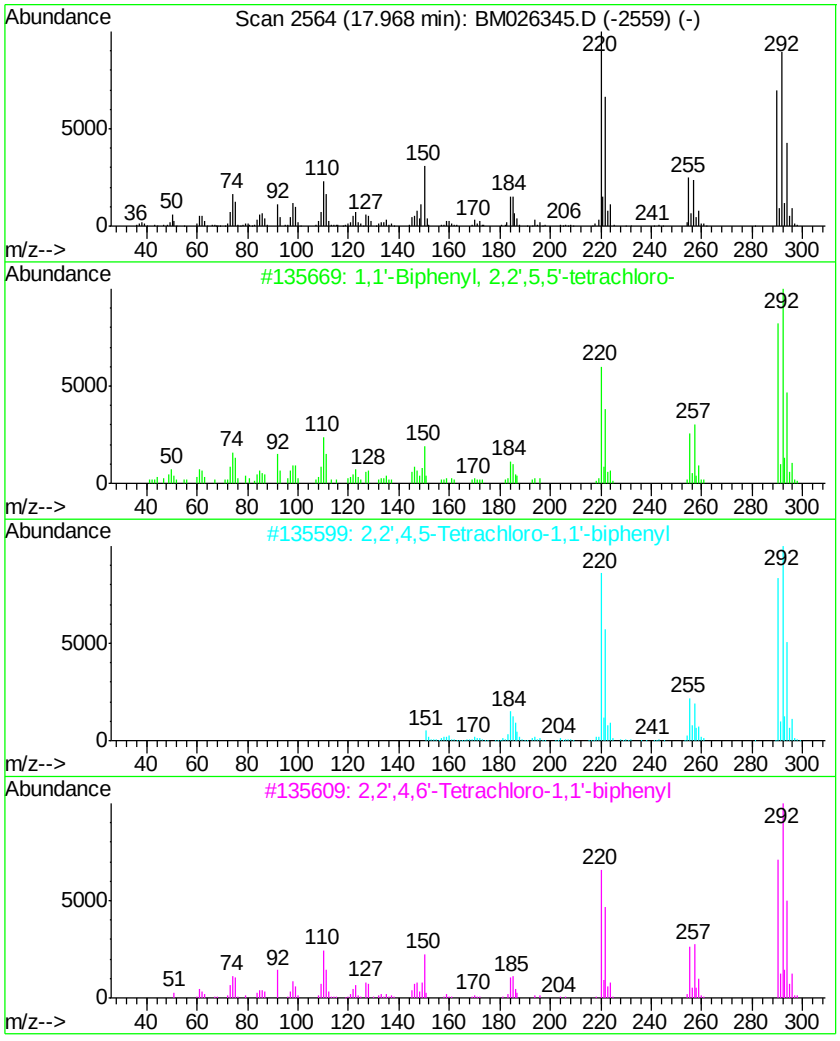
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

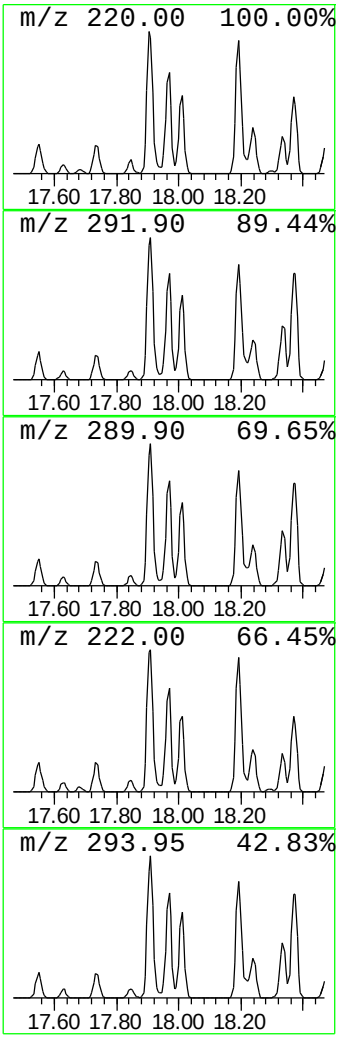
****

Peak Number 14 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	12.08 ng/ul	1049540	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





Library Search Compound Report

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Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

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Quant Title : SVOA CALIBRATION

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

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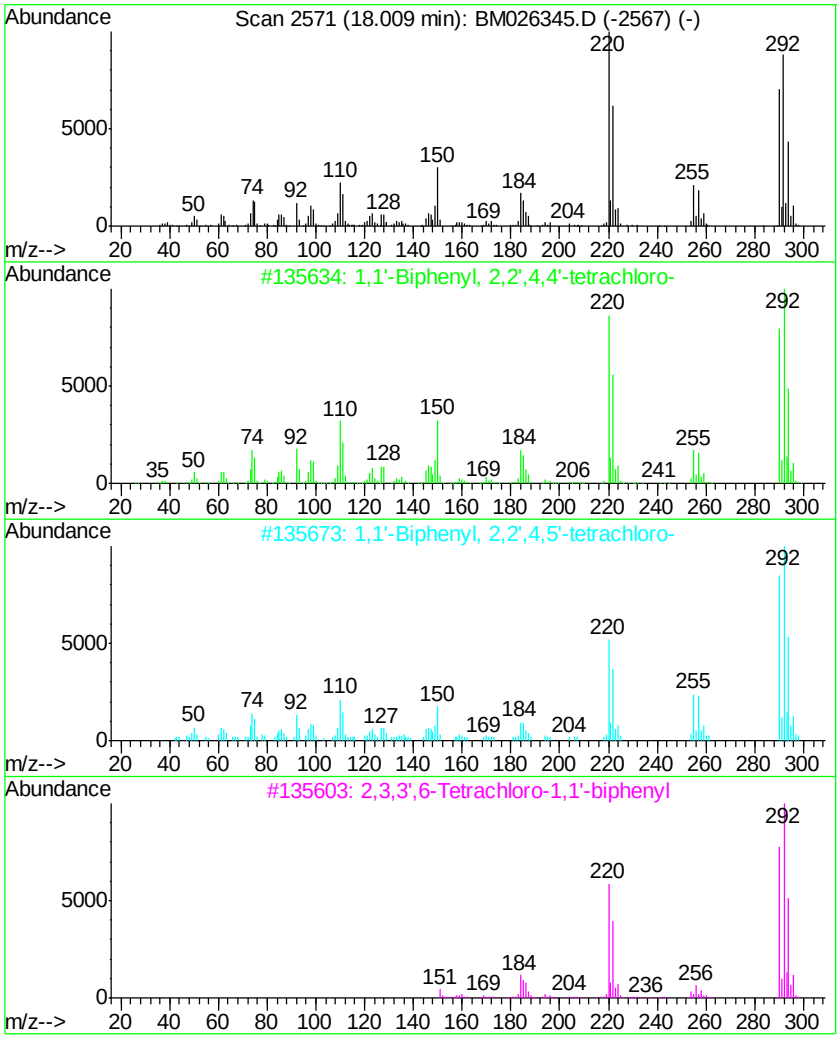
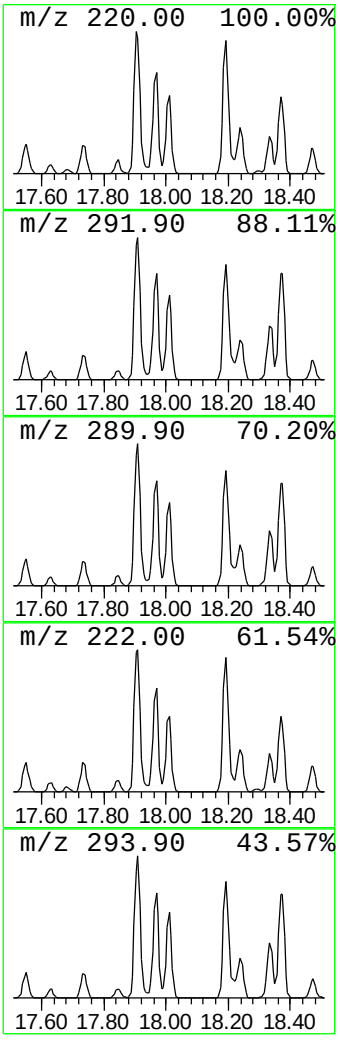
Peak Number 15 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	9.10 ng/ul	790598	Phenanthrene-d10	16.82

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	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





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Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

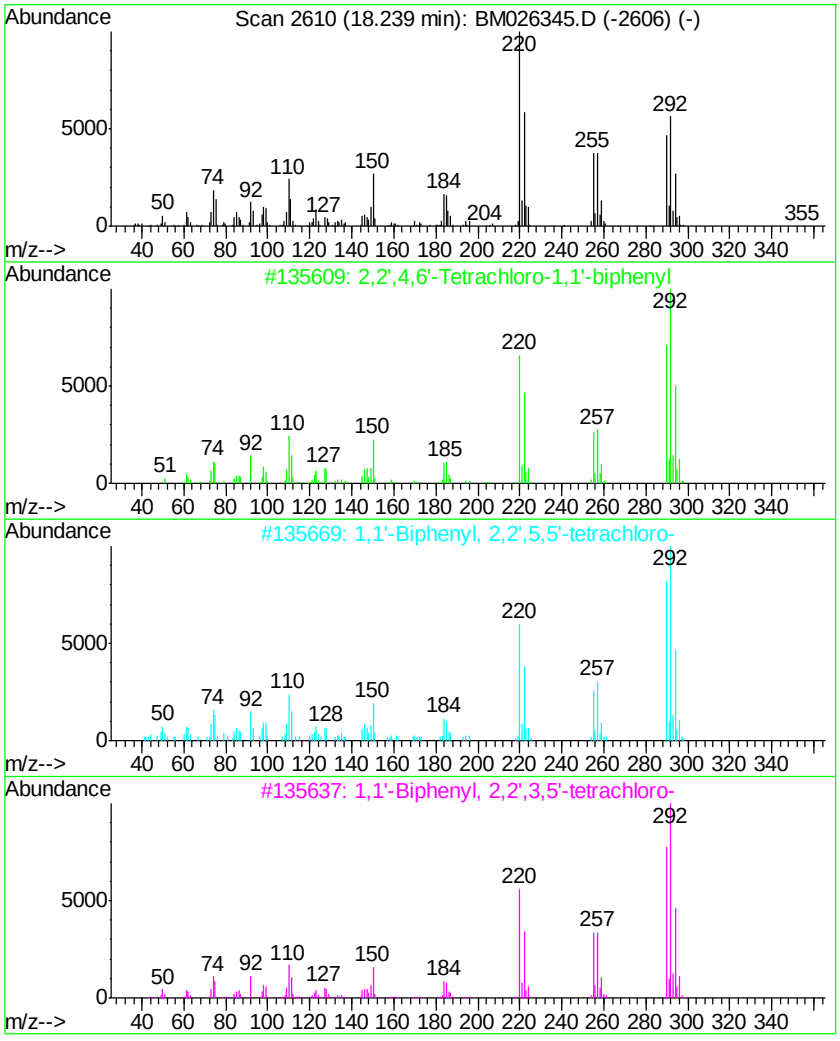
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

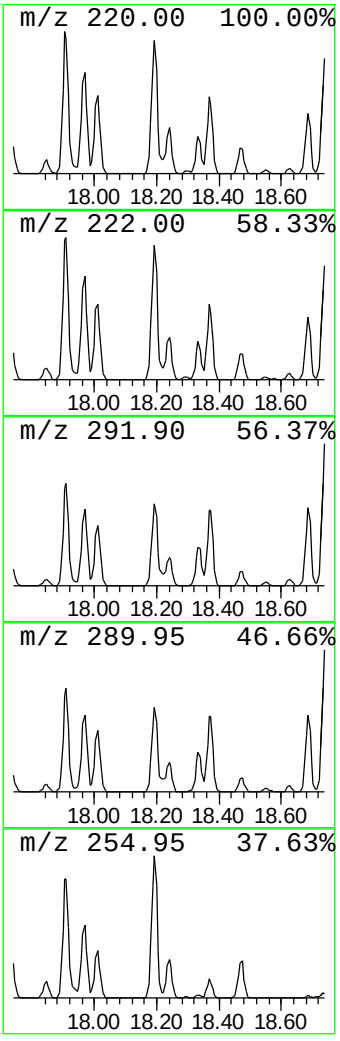
****

Peak Number 17 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	5.70 ng/ul	495229	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





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Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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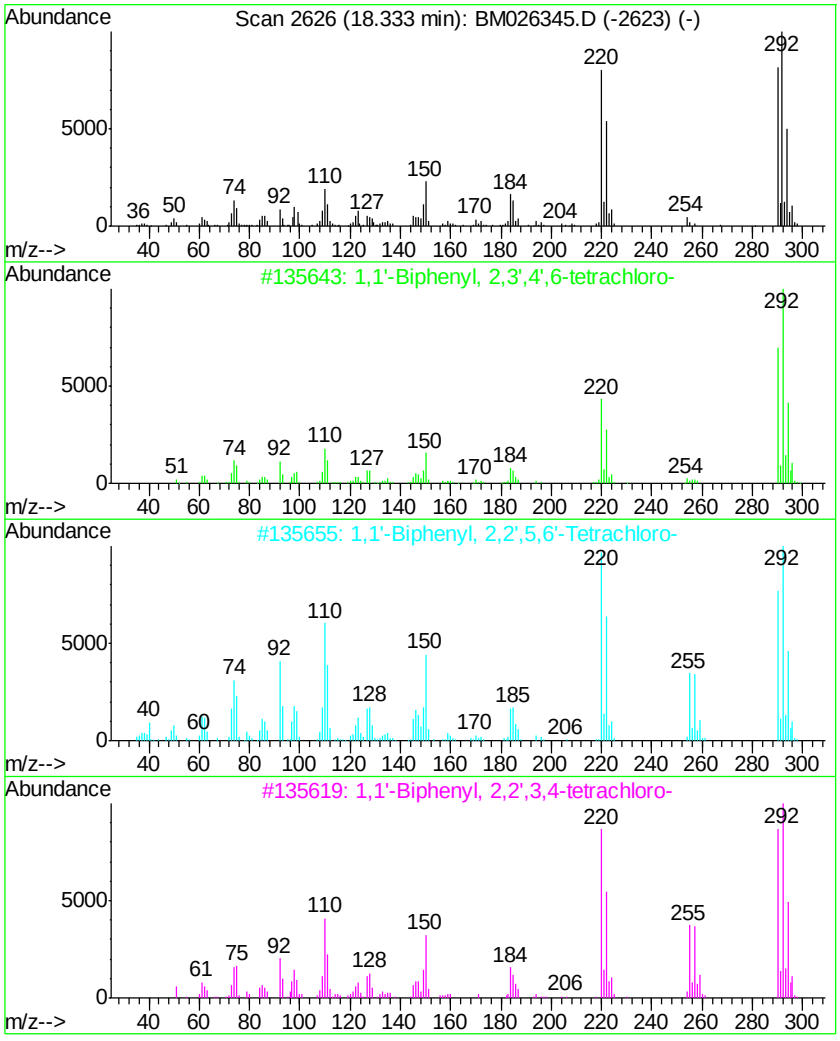
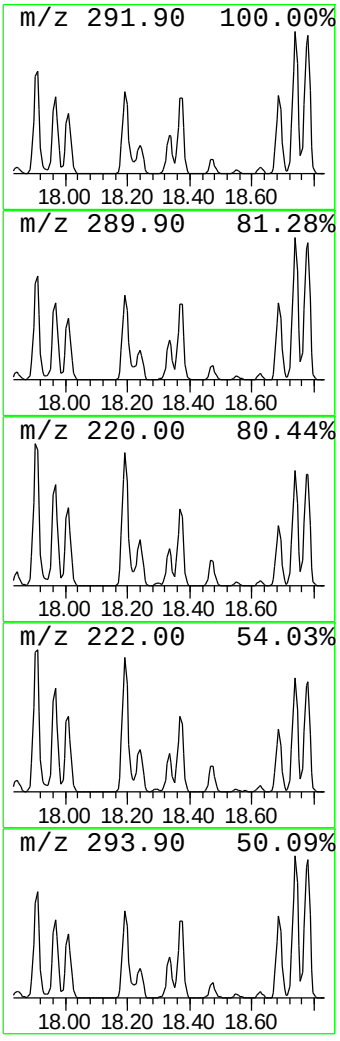
Peak Number 19 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.93 ng/ul	428876	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	98
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	98
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	98





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Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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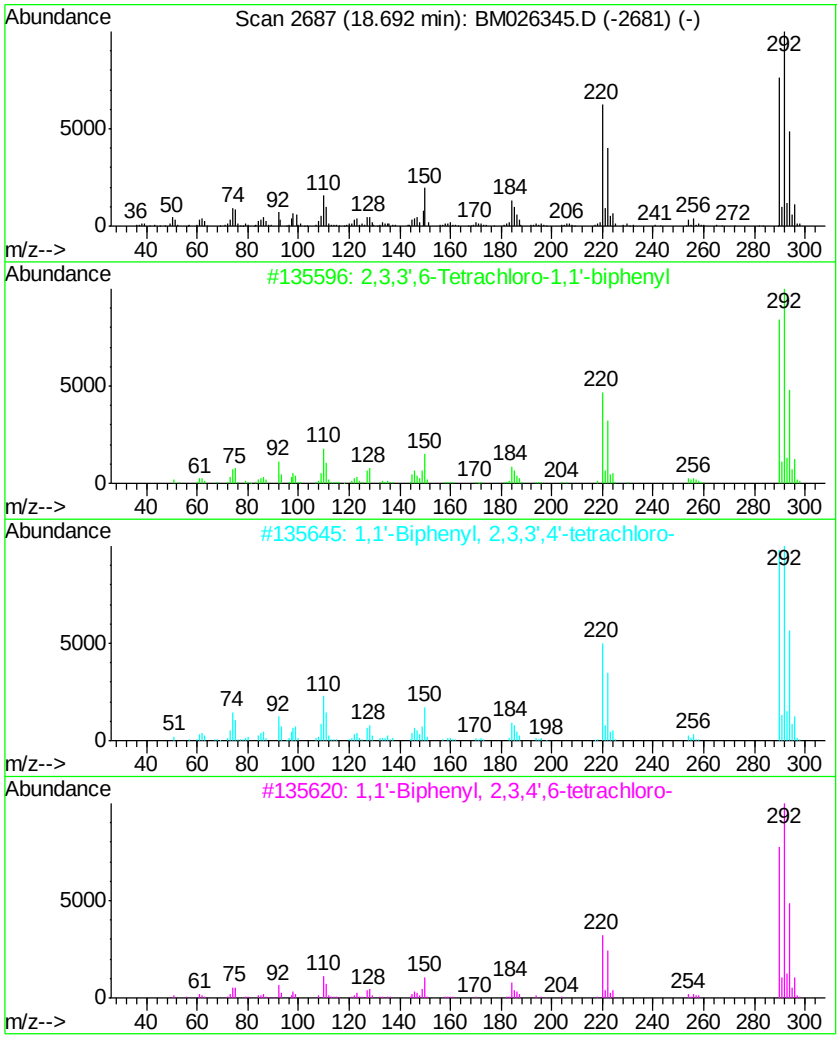
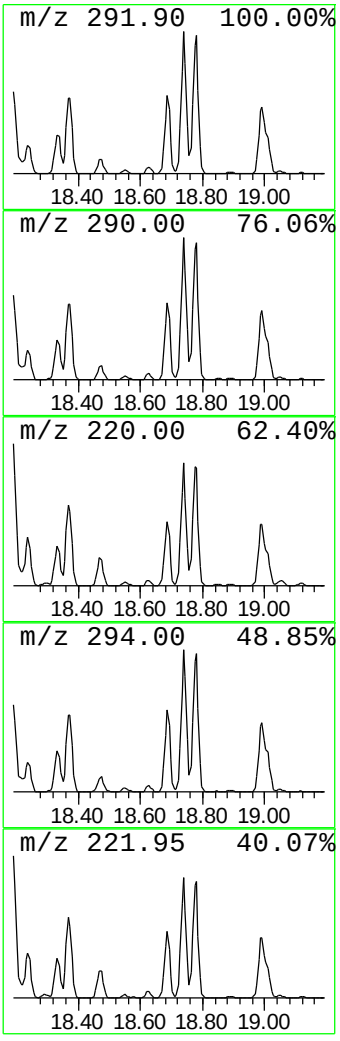
Peak Number 22 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	8.32 ng/ul	722770	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99





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Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

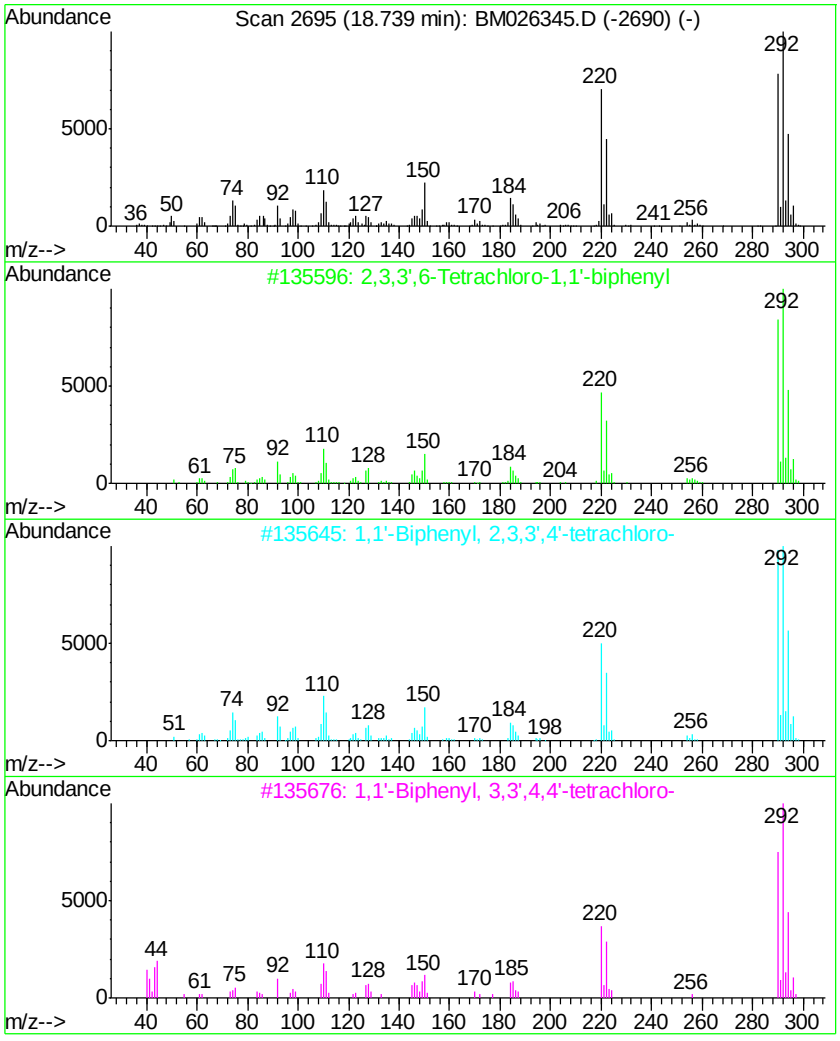
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

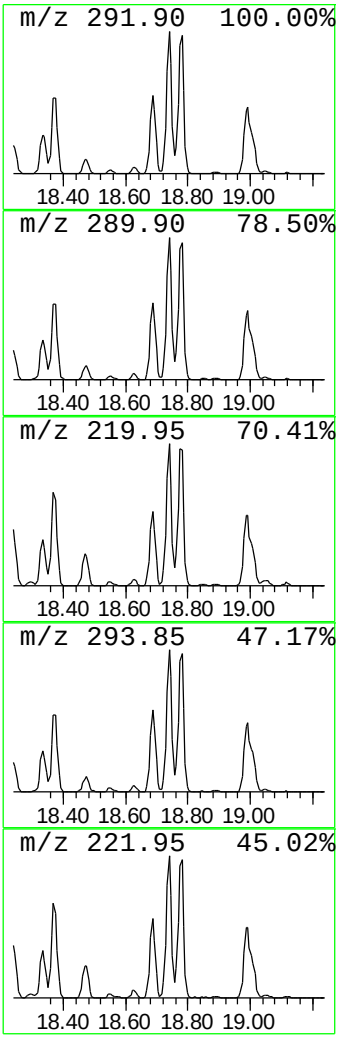
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	16.66 ng/ul	1448230	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99





Library Search Compound Report

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Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

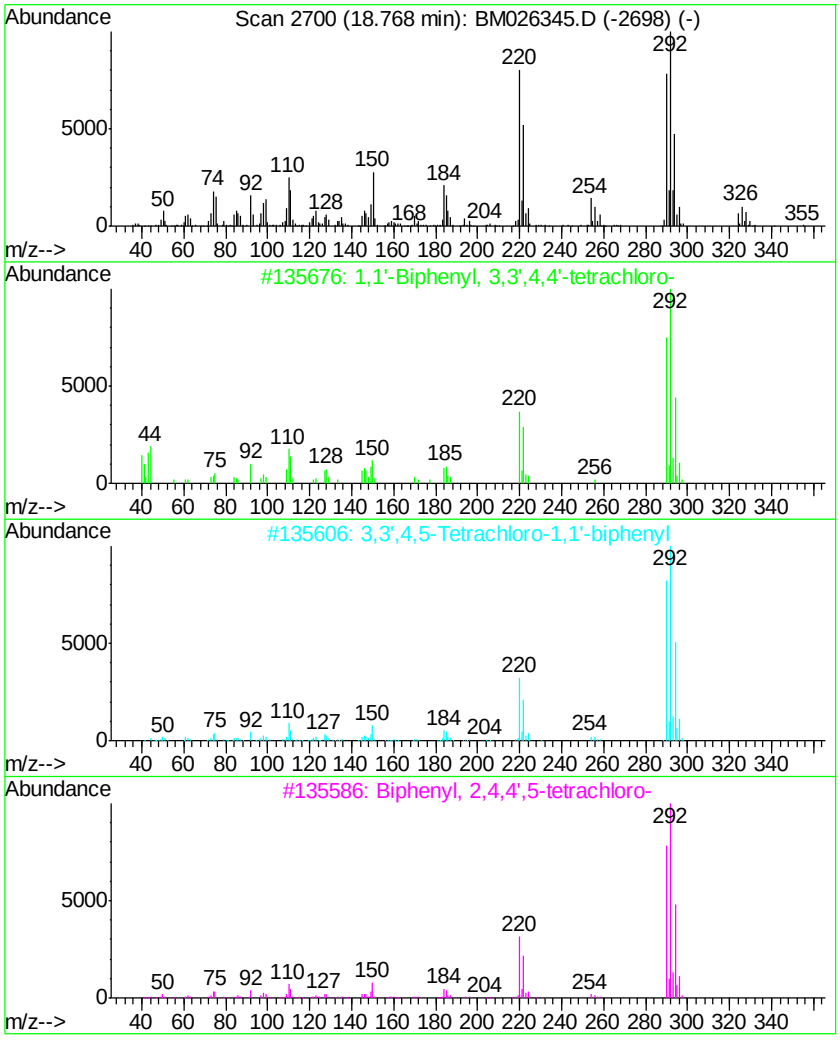
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

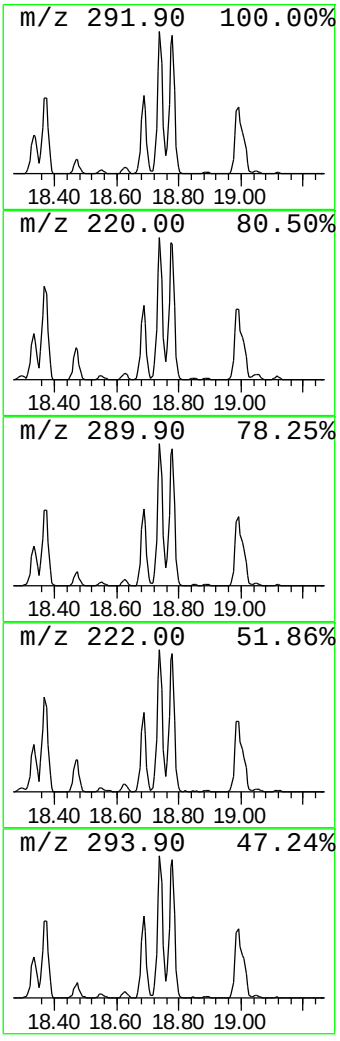
****

Peak Number 24 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	17.83 ng/ul	1549740	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	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	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





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Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

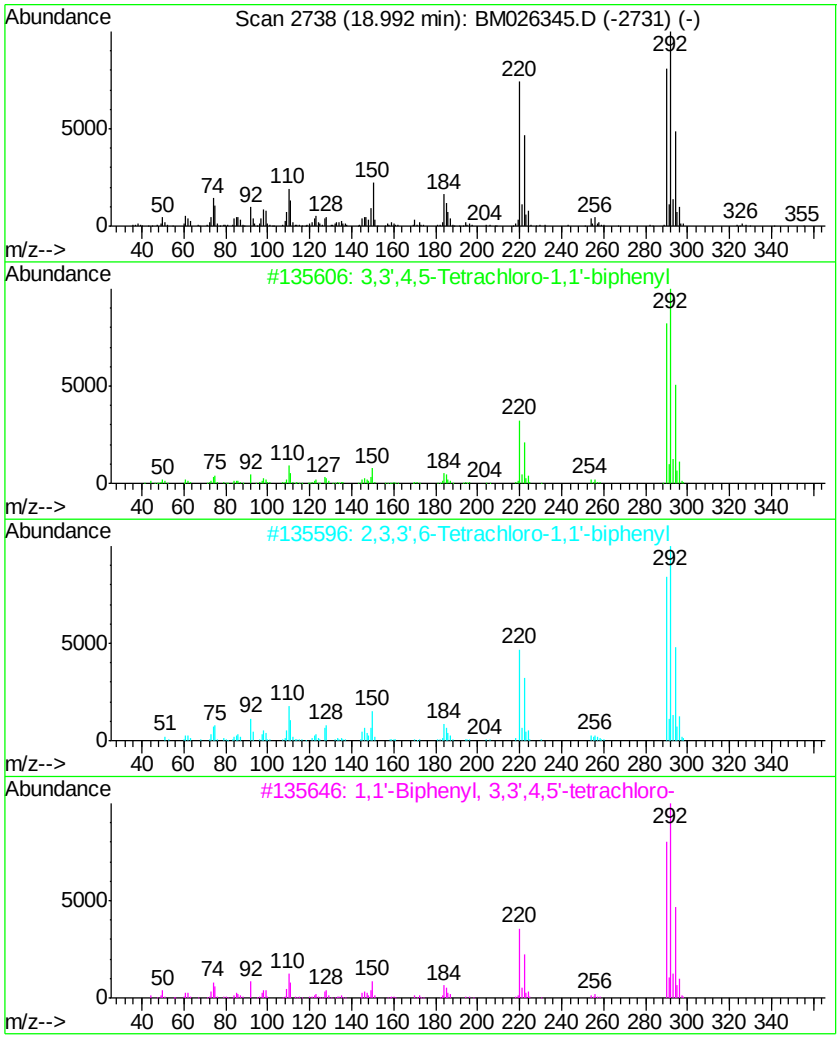
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

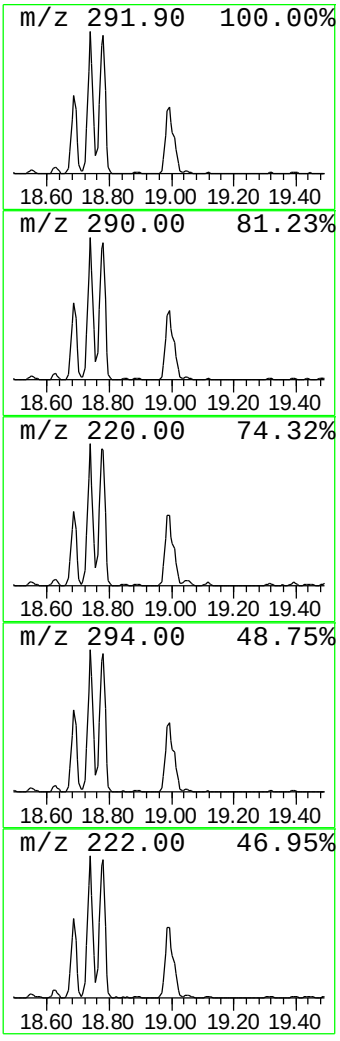
****

Peak Number 25 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	14.32 ng/ul	1072800	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99





Library Search Compound Report

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Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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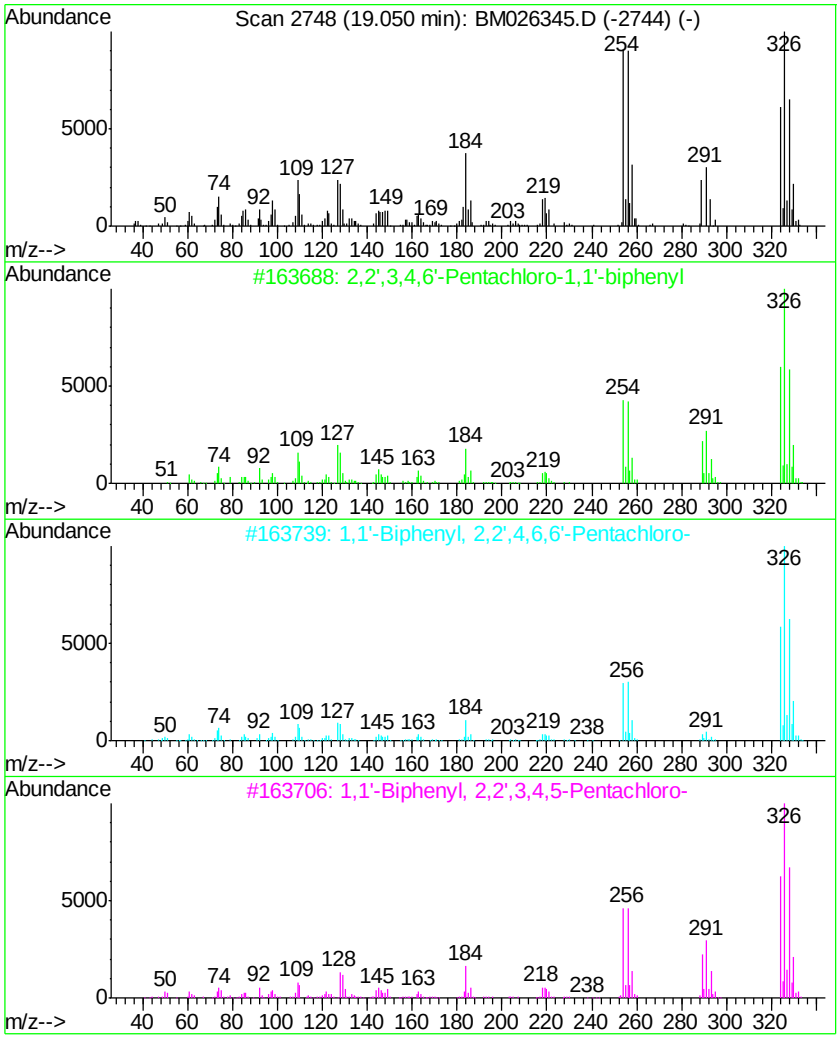
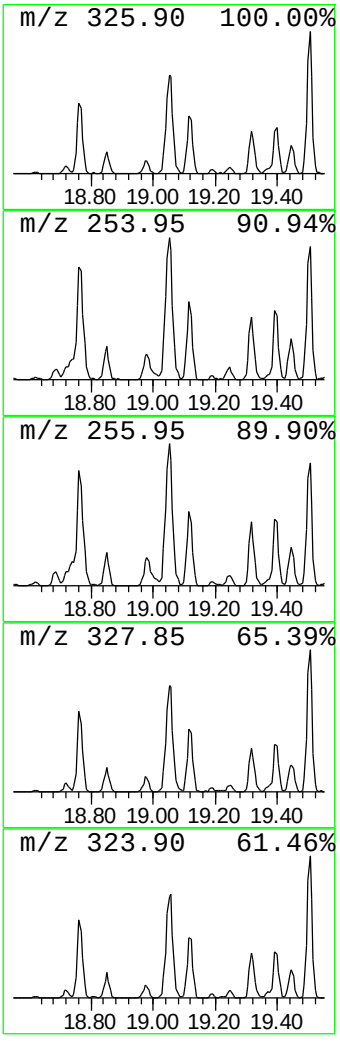
Peak Number 26 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	8.66 ng/ul	649075	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	98
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	98
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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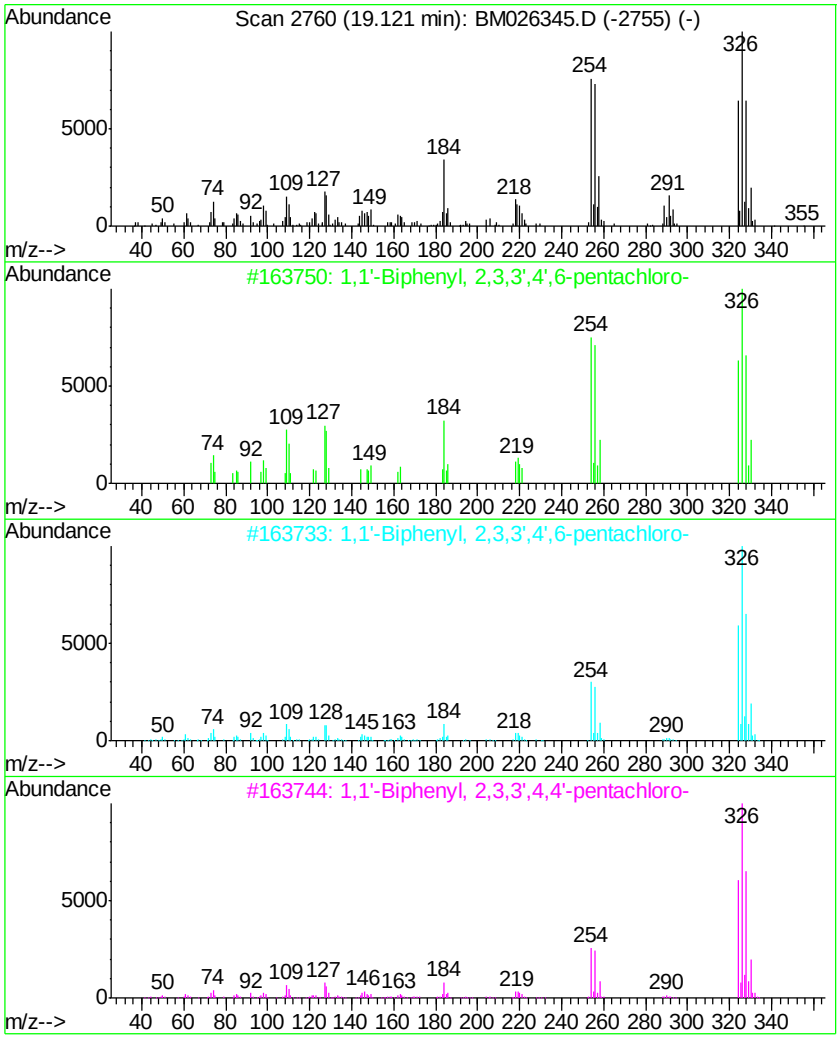
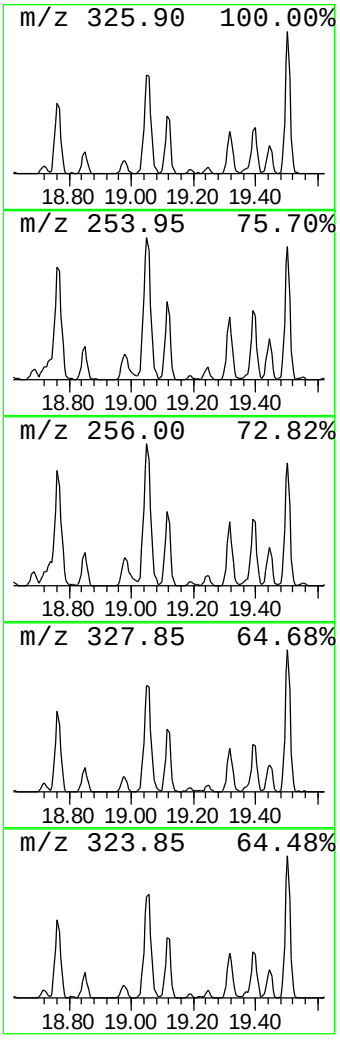
Peak Number 27 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	3.51 ng/ul	263106	Chrysene-d12	21.03

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, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99





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Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

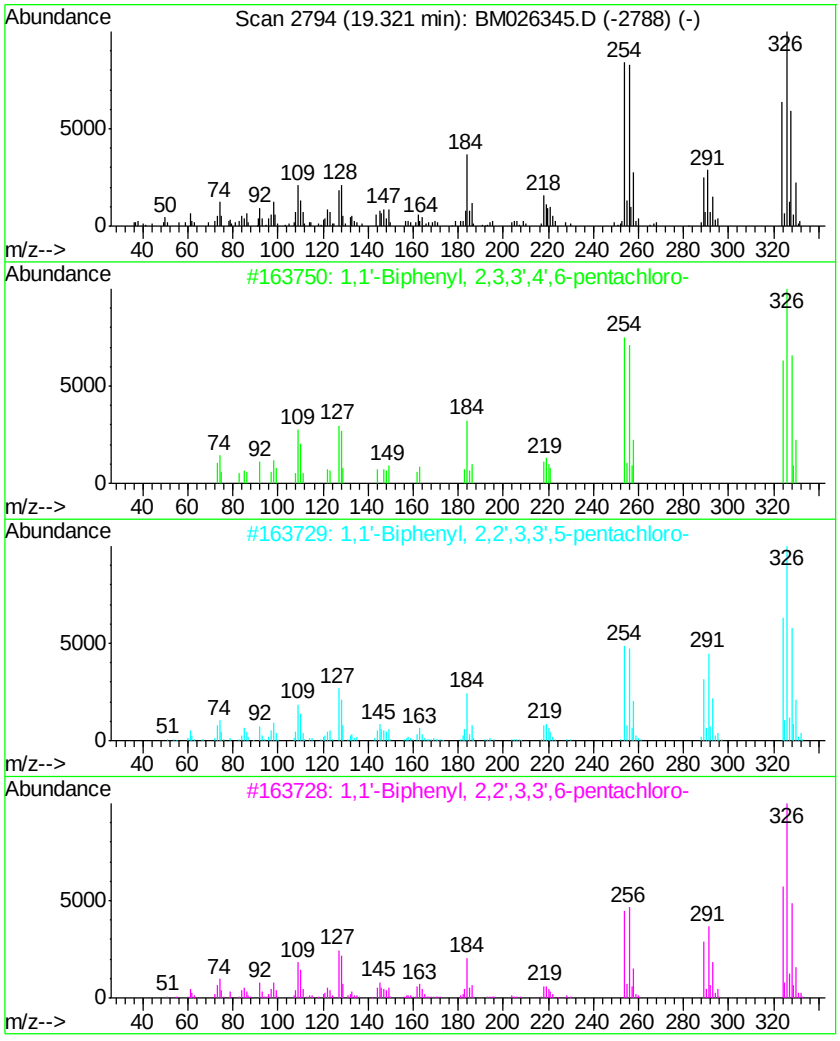
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

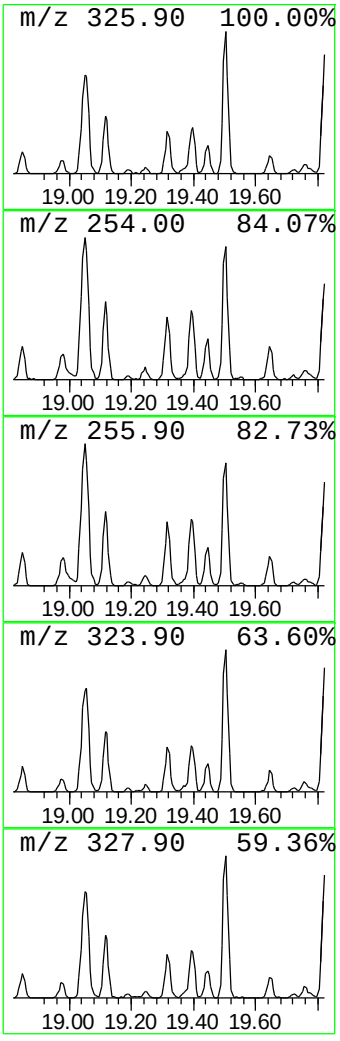
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.94 ng/ul	219895	Chrysene-d12	21.03

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, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





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Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

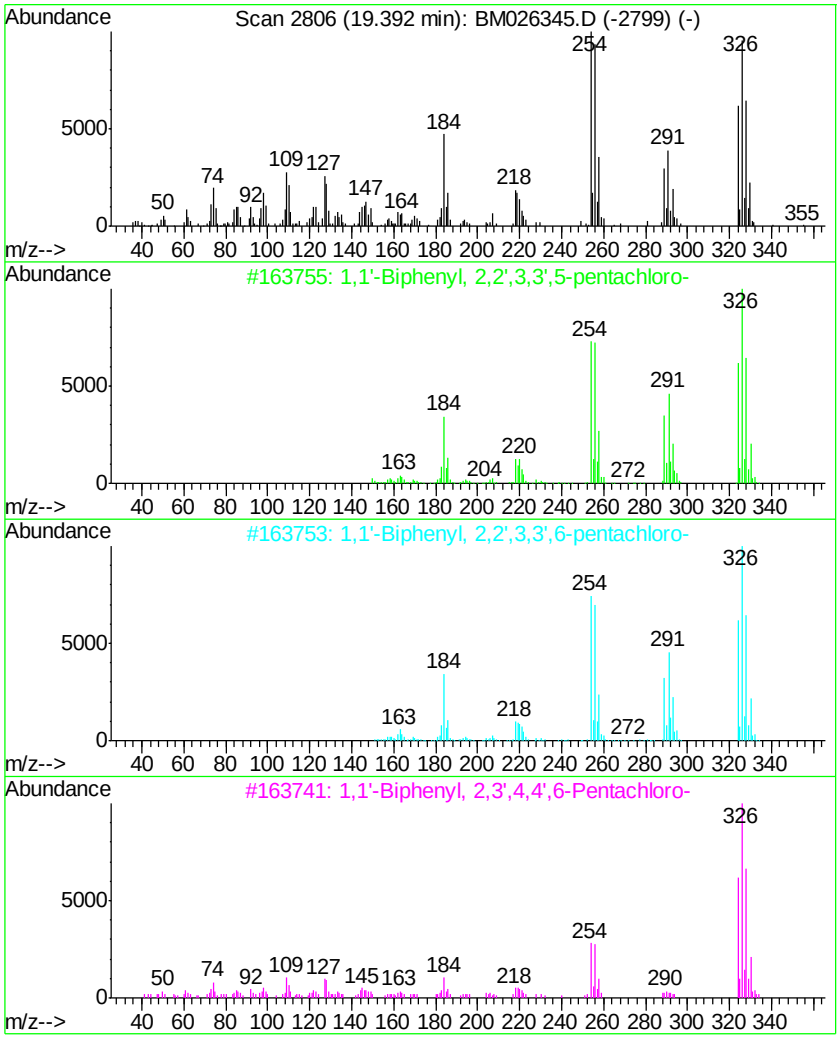
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

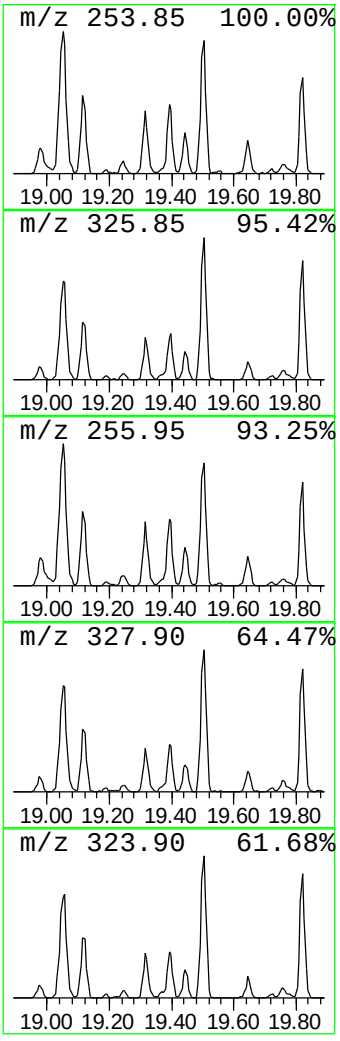
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2,3',4,4',6-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	3.49 ng/ul	261273	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	99
4	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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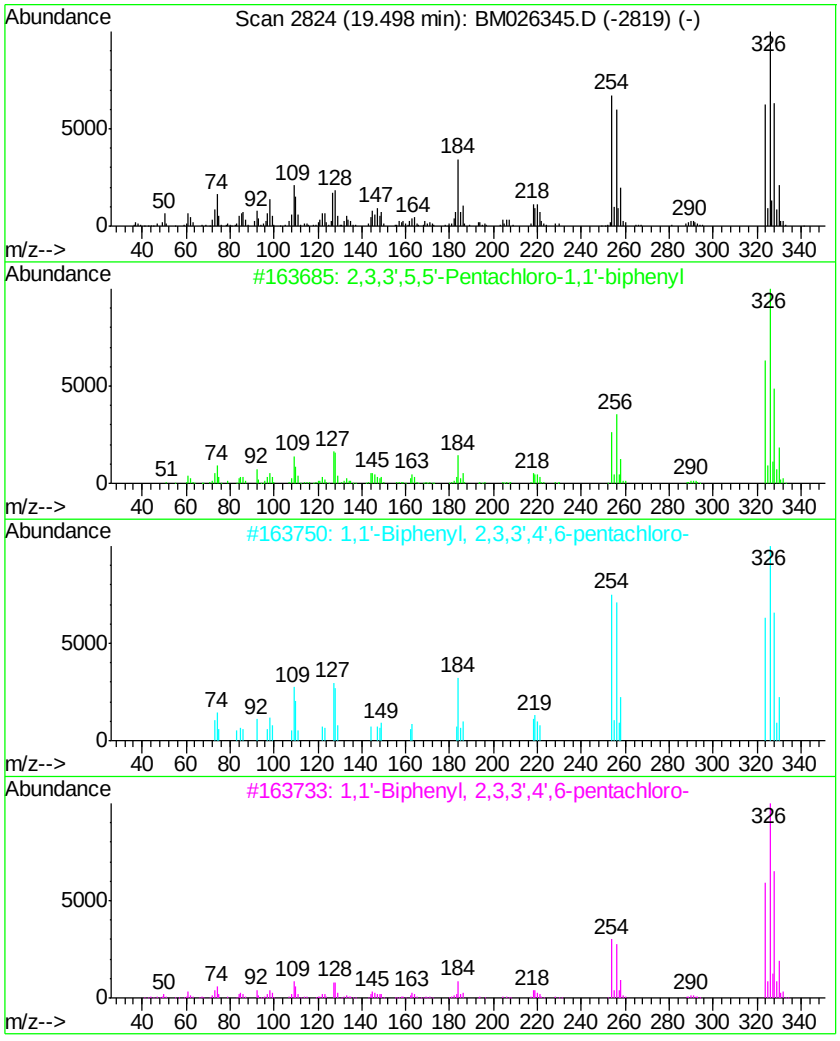
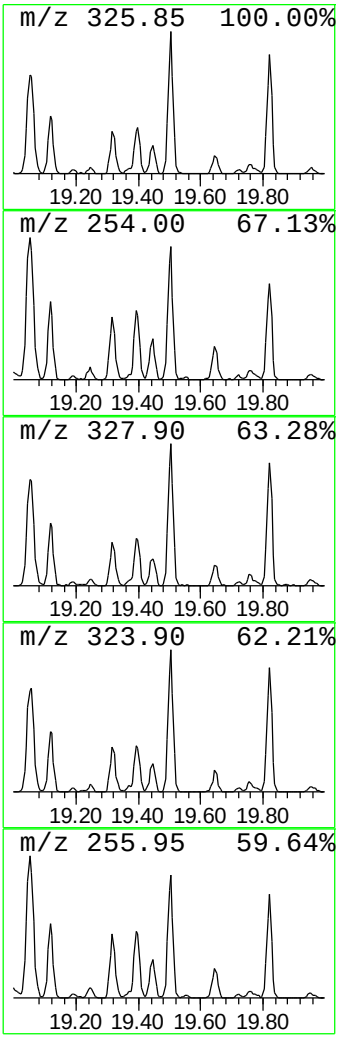
Peak Number 30 2,3,3',5,5'-Pentachloro-1,1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	6.88 ng/ul	515641	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99





Tentatively Identified Compound (LSC) summary

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Data File : BM026345.D
Acq On : 11 Jun 2020 00:22
Operator : JU/CG
Sample : L2898-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETX73

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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...	2.93	10.5	ng/ul	572261	1	7.42	1088380	20.0
1,1'-Biphenyl, 2,...	15.34	4.7	ng/ul	368941	3	14.07	1572670	20.0
1,1'-Biphenyl, 2,...	16.07	4.5	ng/ul	392803	4	16.82	1738170	20.0
1,1'-Biphenyl, 2,...	16.36	2.3	ng/ul	197432	4	16.82	1738170	20.0
1,1'-Biphenyl, 2,...	16.72	11.4	ng/ul	991929	4	16.82	1738170	20.0
2,2',4-Trichloro-...	16.75	7.0	ng/ul	608064	4	16.82	1738170	20.0
1,1'-Biphenyl, 2'...	17.01	9.1	ng/ul	792313	4	16.82	1738170	20.0
1,1'-Biphenyl, 3,...	17.29	2.3	ng/ul	195572	4	16.82	1738170	20.0
1,1'-Biphenyl, 2,...	17.44	33.9	ng/ul	2943030	4	16.82	1738170	20.0
1,1'-Biphenyl, 2,...	17.56	8.6	ng/ul	748257	4	16.82	1738170	20.0
1,1'-Biphenyl, 2,...	17.73	3.6	ng/ul	311140	4	16.82	1738170	20.0
1,1'-Biphenyl, 2,...	17.97	12.1	ng/ul	1049540	4	16.82	1738170	20.0
1,1'-Biphenyl, 2,...	18.01	9.1	ng/ul	790598	4	16.82	1738170	20.0
2,2',4,6'-Tetrach...	18.24	5.7	ng/ul	495229	4	16.82	1738170	20.0
1,1'-Biphenyl, 2,...	18.33	4.9	ng/ul	428876	4	16.82	1738170	20.0
1,1'-Biphenyl, 2,...	18.69	8.3	ng/ul	722770	4	16.82	1738170	20.0
2,3,4',5-Tetrachl...	18.74	16.7	ng/ul	1448230	4	16.82	1738170	20.0
1,1'-Biphenyl, 3,...	18.77	17.8	ng/ul	1549740	4	16.82	1738170	20.0
3,3',4,5-Tetrachl...	18.99	14.3	ng/ul	1072800	5	21.03	1498370	20.0
2,2',3,4,6'-Penta...	19.05	8.7	ng/ul	649075	5	21.03	1498370	20.0
1,1'-Biphenyl, 2,...	19.12	3.5	ng/ul	263106	5	21.03	1498370	20.0
1,1'-Biphenyl, 2,...	19.32	2.9	ng/ul	219895	5	21.03	1498370	20.0
1,1'-Biphenyl, 2,...	19.39	3.5	ng/ul	261273	5	21.03	1498370	20.0
2,3,3',5,5'-Penta...	19.50	6.9	ng/ul	515641	5	21.03	1498370	20.0