LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

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-BM111119MA.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	5	7	9	rVB	56761	44381	0.66%	0.051%
2	2.963	9	13	20	rVB	1266628	1227303	18.24%	1.414%
3	3.287	65	68	76	rVB	78732	93100	1.38%	0.107%
4	3.746	142	146	154	rVB	28611	42772	0.64%	0.049%
5	3.852	160	164	167	rBV6	5537	8874	0.13%	0.010%
6	4.052	196	198	203	rVB5	10003	11609	0.17%	0.013%
7	4.187	217	221	229	rBV	25555	37016	0.55%	0.043%
8	6.663	639	642	646	rVB2	7566	8983	0.13%	0.010%
9	7.051	701	708	711	rBV7	5257	10547	0.16%	0.012%
10	7.498	774	784	796	rBV	1510368	2447945	36.38%	2.820%
11	7.640	803	808	816	rVB	16762	31100	0.46%	0.036%
12	8.734	990	994	999	rVB5	7395	10392	0.15%	0.012%
13	10.269	1246	1255	1267	rBV	2021913	3374946	50.16%	3.888%
14	11.322	1429	1434	1439	rVB3	4169	7053	0.10%	0.008%
15	11.727	1499	1503	1510	rBV4	8414	13961	0.21%	0.016%
16	12.951	1706	1711	1716	rVB	12894	17306	0.26%	0.020%
17	12.998	1716	1719	1727	rBV5	9384	16550	0.25%	0.019%
18	13.786	1846	1853	1856	rBV5	3398	6770	0.10%	0.008%
19	14.086	1898	1904	1909	rBV4	9376	18180	0.27%	0.021%
20	14.157	1909	1916	1934	rVV	3063889	4537654	67.44%	5.227%
21	14.486	1968	1972	1977	rBV	13430	18908	0.28%	0.022%
22	15.051	2063	2068	2071	rVB3	10439	12146	0.18%	0.014%
23	15.904	2207	2213	2218	rBV4	10974	19747	0.29%	0.023%
24	16.486	2308	2312	2317	rBV2	27552	40819	0.61%	0.047%
25	16.698	2343	2348	2356	rBV3	14506	24303	0.36%	0.028%
26	16.792	2361	2364	2369	rVV3	16214	21110	0.31%	0.024%
27	16.827	2369	2370	2376	rVB6	6928	9227	0.14%	0.011%
28	16.910	2378	2384	2396	rVV	3301891	4663351	69.31%	5.372%
29	17.010	2398	2401	2408	rVV5	15654	32484	0.48%	0.037%
30	17.104	2411	2417	2424	rVB4	34593	69645	1.04%	0.080%
31	17.521	2482	2488	2494	rVB2	74035	132163	1.96%	0.152%
32	17.633	2502	2507	2515	rVB6	40288	64535	0.96%	0.074%
33	17.768	2525	2530	2535	rBV5	35632	64616	0.96%	0.074%
34	17.815	2536	2538	2540	rBV3	14892	14874	0.22%	0.017%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

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-BM111119MA.M
Title : SVOA CALIBRATION

35	17.986	2562	2567	2573	rBV	1795560	2403844	35.73%	2.769%
36	18.045	2573	2577	2582	rVV	413848	540949	8.04%	0.623%
37	18.092	2582	2585	2589	rVB	84291	99081	1.47%	0.114%
38	18.209	2603	2605	2606	rBV2	9236	6811	0.10%	0.008%
39	18.274	2611	2616	2621	rVV	956125	1264534	18.80%	1.457%
40	18.321	2621	2624	2629	rVV3	83311	118435	1.76%	0.136%
41	18.415	2633	2640	2643	rVV4	83588	159310	2.37%	0.184%
42	18.451	2643	2646	2651	rVB	293878	385620	5.73%	0.444%
43	18.515	2653	2657	2660	rVV3	56069	82137	1.22%	0.095%
44	18.551	2660	2663	2668	rVB3	67127	94152	1.40%	0.108%
45	18.704	2684	2689	2694	rBV8	38141	67440	1.00%	0.078%
46	18.768	2695	2700	2703	rVV	455616	594764	8.84%	0.685%
47	18.821	2703	2709	2710	rVV	1342319	1793419	26.66%	2.066%
48	18.845	2710	2713	2722	rVV	3273464	4566386	67.87%	5.260%
49	18.927	2723	2727	2732	rVV	477451	619964	9.21%	0.714%
50	19.056	2744	2749	2756	rBV2	751626	1266584	18.83%	1.459%
51	19.133	2756	2762	2768	rVV	4835881	6727946	100.00%	7.751%
52	19.198	2768	2773	2780	rVB	1747133	2164241	32.17%	2.493%
53	19.268	2782	2785	2789	rVB4	59676	71865	1.07%	0.083%
54	19.321	2790	2794	2799	rBV3	224447	293794	4.37%	0.338%
55	19.392	2802	2806	2812	rVV	1275884	1639507	24.37%	1.889%
56	19.474	2812	2820	2824	rVV	2283719	2857509	42.47%	3.292%
57	19.521	2824	2828	2832	rVV	716369	925497	13.76%	1.066%
58	19.580	2832	2838	2844	rVB	4888756	6268534	93.17%	7.221%
59	19.721	2855	2862	2865	rBV2	512902	1098221	16.32%	1.265%
60	19.751	2865	2867	2873	rVV2	332771	603030	8.96%	0.695%
61	19.798	2873	2875	2878	rVV	232925	257610	3.83%	0.297%
62	19.845	2878	2883	2888	rVV3	1953164	2591037	38.51%	2.985%
63	19.898	2888	2892	2898	rVB	4180610	4931305	73.30%	5.681%
64	19.974	2901	2905	2910	rVB	214718	269980	4.01%	0.311%
65	20.050	2911	2918	2923	rBV2	362255	633804	9.42%	0.730%
66	20.127	2926	2931	2935	rBV	2192579	2550406	37.91%	2.938%
67	20.180	2935	2940	2942	rVV	1139180	1521654	22.62%	1.753%
68	20.203	2942	2944	2951	rVB	1717179	1980204	29.43%	2.281%
69	20.280	2953	2957	2962	rVB	507169	618511	9.19%	0.713%
70	20.350	2965	2969	2971	rBV	227497	293307	4.36%	0.338%
71	20.374	2971	2973	2977	rVV3	235738	262559	3.90%	0.302%

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Instrument : BNA_M
ClientSampleId : C0B10

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	20.445	2977	2985	2992	rVV	2666111	4514211	67.10%	5.200%
73	20.527	2996	2999	3004	rVV3	214506	240521	3.57%	0.277%
74	20.592	3008	3010	3016	rVB4	131721	154561	2.30%	0.178%
75	20.750	3033	3037	3041	rBV	914371	1070030	15.90%	1.233%
76	20.856	3052	3055	3060	rBV2	221531	287118	4.27%	0.331%
77	20.997	3076	3079	3084	rVB	374320	448102	6.66%	0.516%
78	21.115	3094	3099	3103	rBV	3949527	5028979	74.75%	5.793%
79	21.456	3154	3157	3162	rVB3	224901	283975	4.22%	0.327%
80	23.262	3458	3464	3475	rVB	2731469	5000539	74.32%	5.761%

Sum of corrected areas: 86806357

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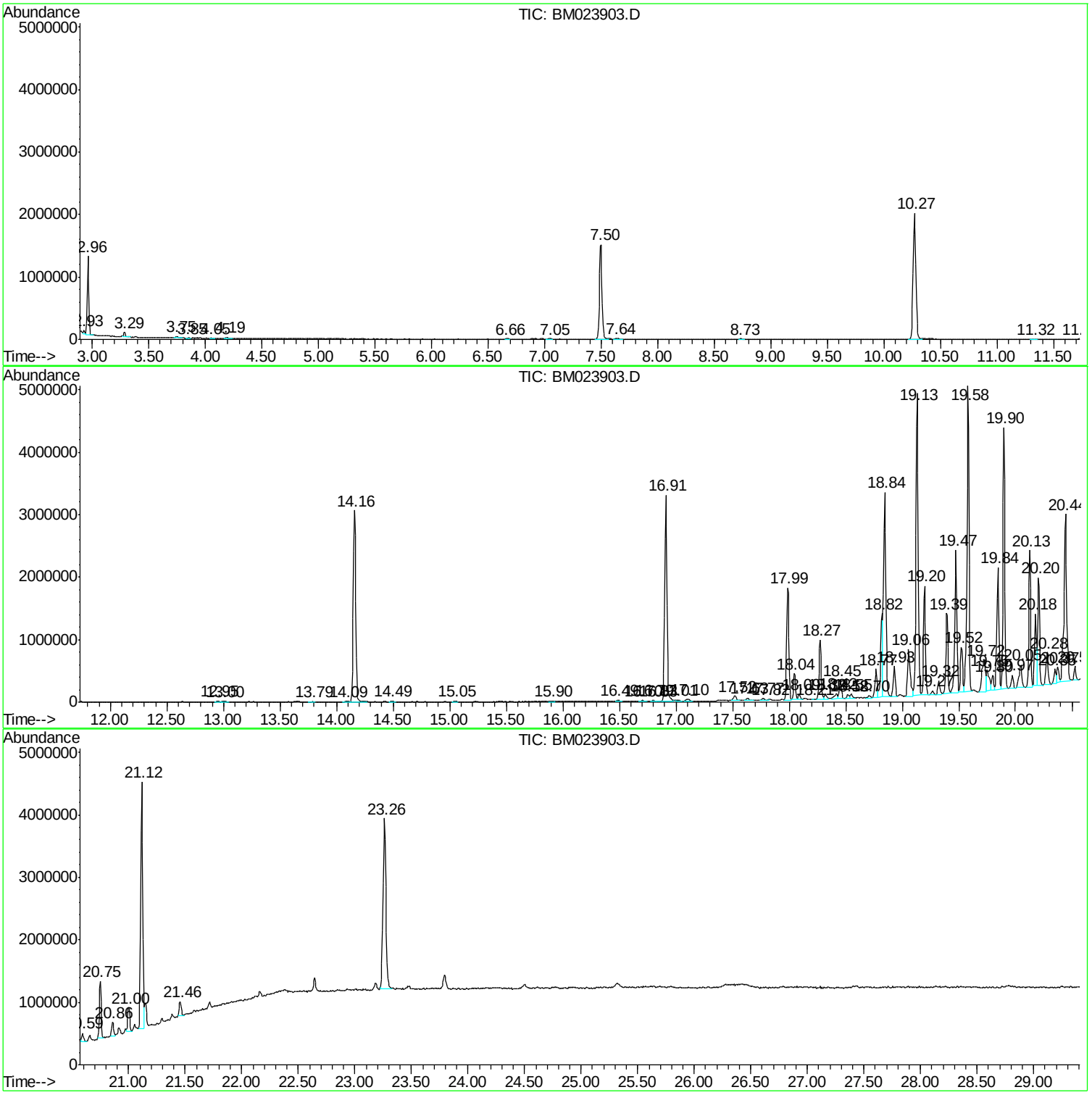
Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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\BM112619\
Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

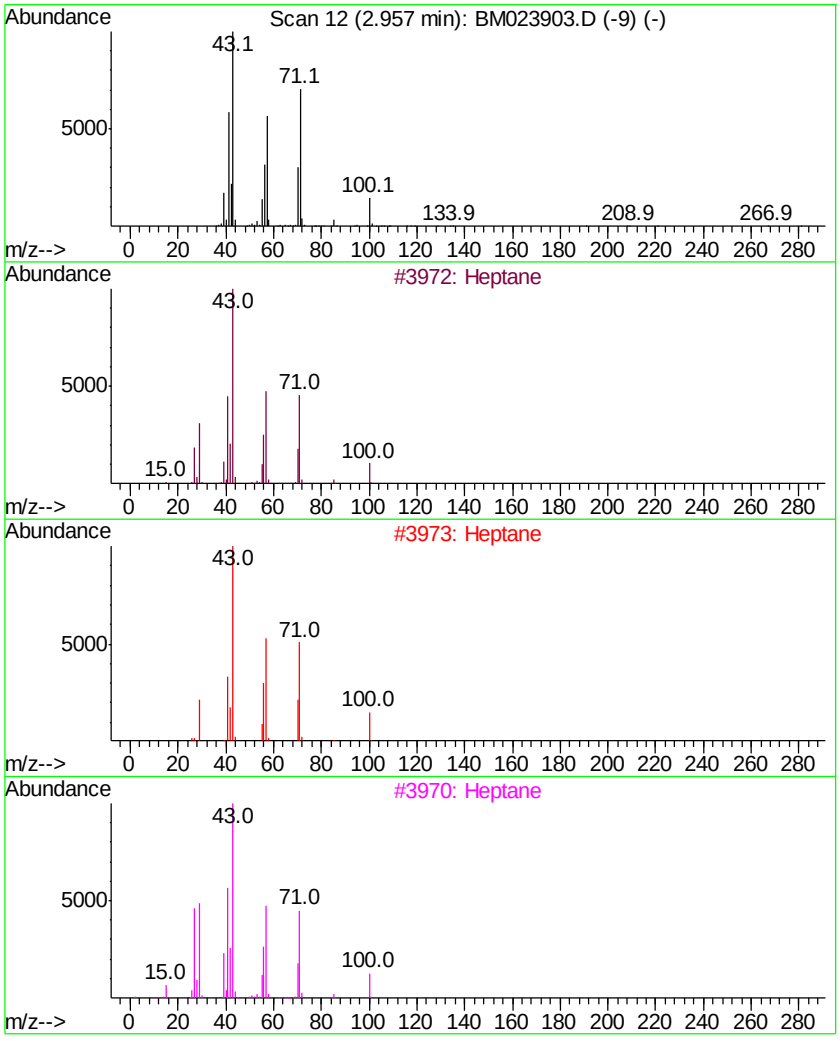
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

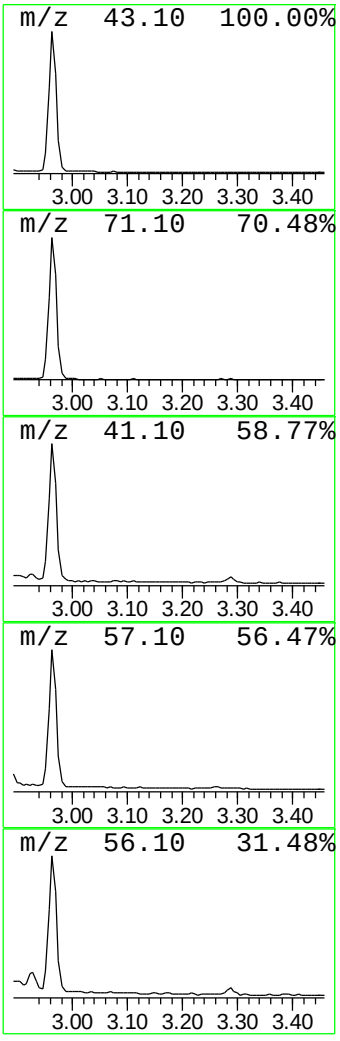
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	10.03 ng/ul	1227300	1,4-Dichlorobenzene-d4	7.50

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	70
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	50





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

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Quant Title : SVOA CALIBRATION

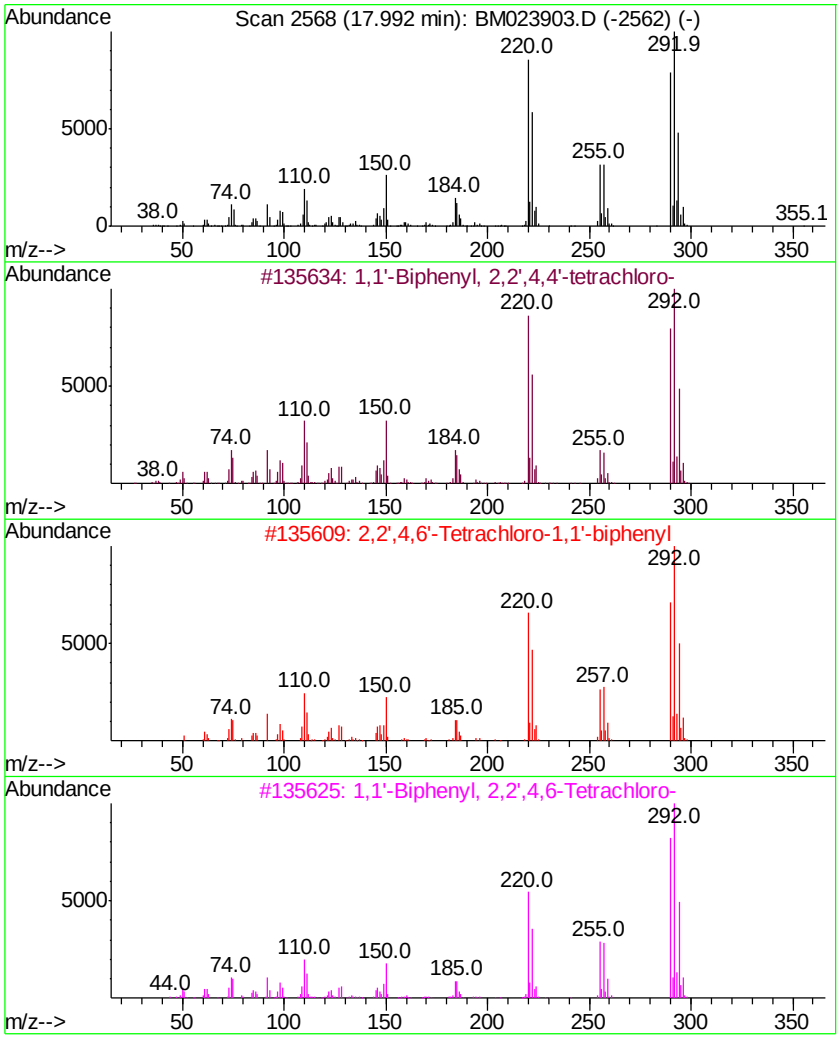
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

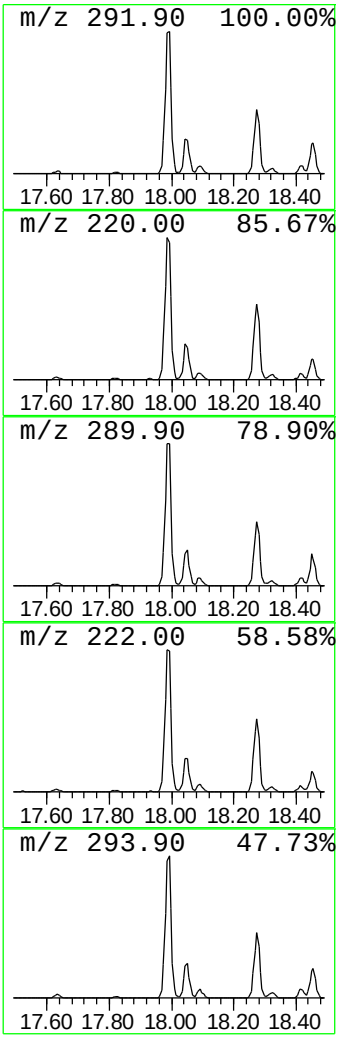
****

Peak Number 2 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	10.31 ng/ul	2403840	Phenanthrene-d10	16.91

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	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	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





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

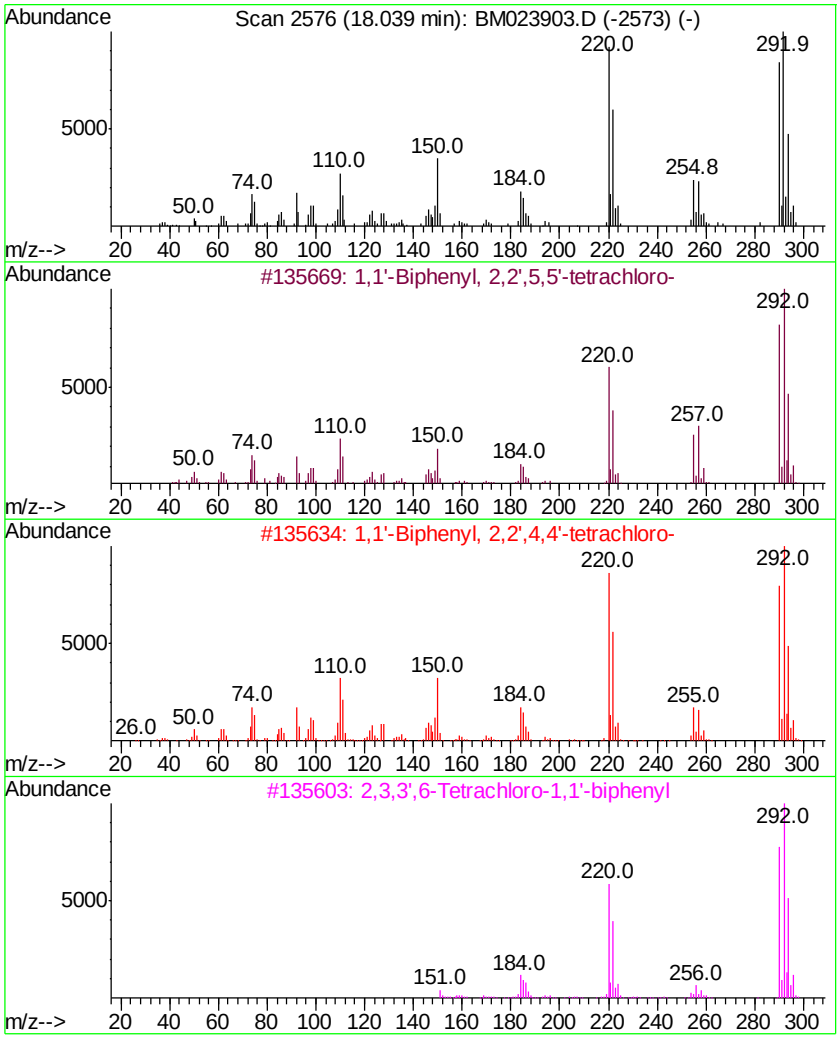
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

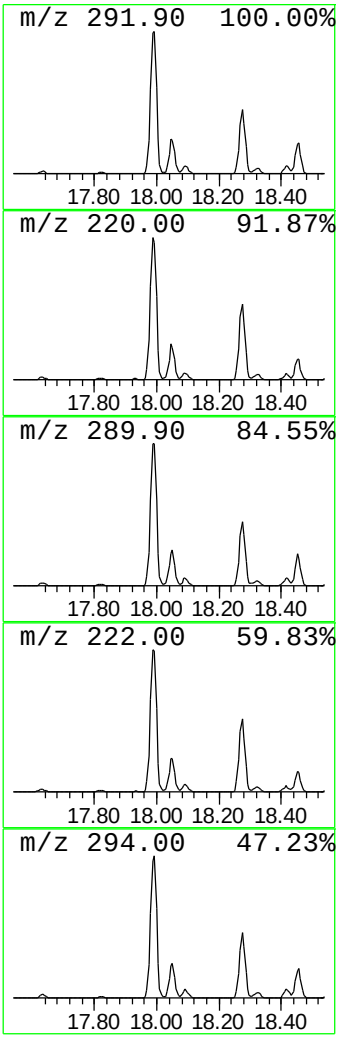
****

Peak Number 3 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.32 ng/ul	540949	Phenanthrene-d10	16.91

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	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Quant Title : SVOA CALIBRATION

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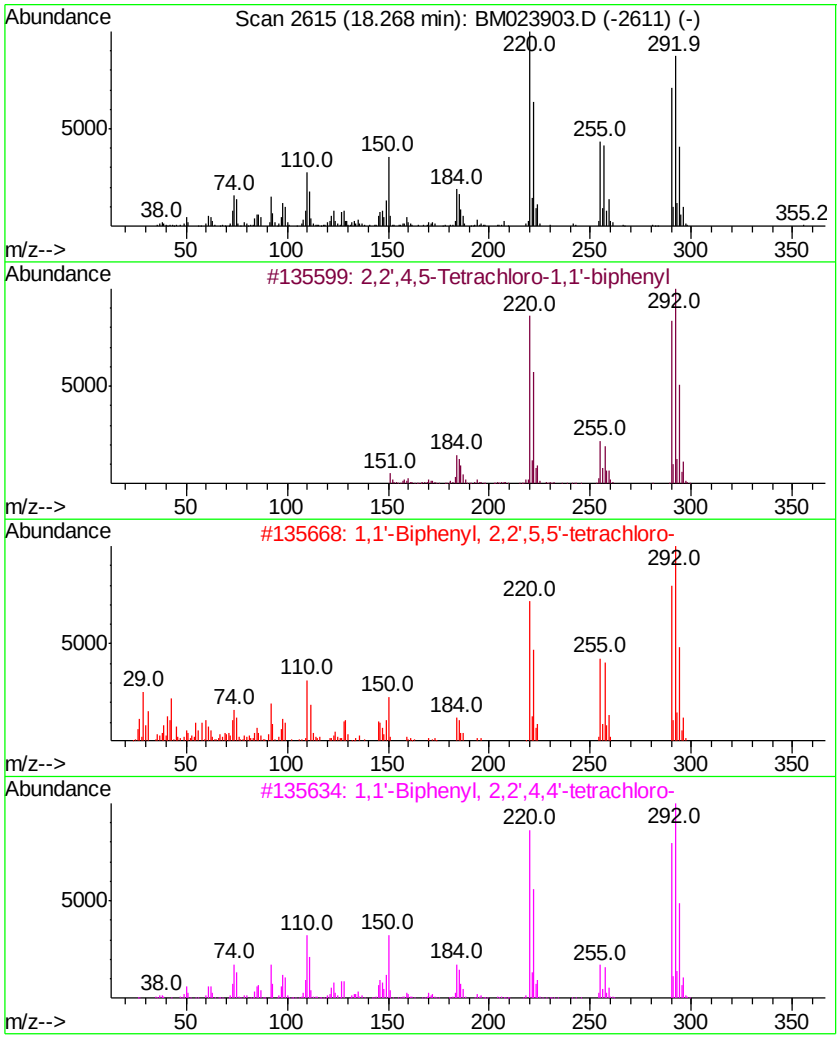
TIC Integration Parameters: LSCINT.P

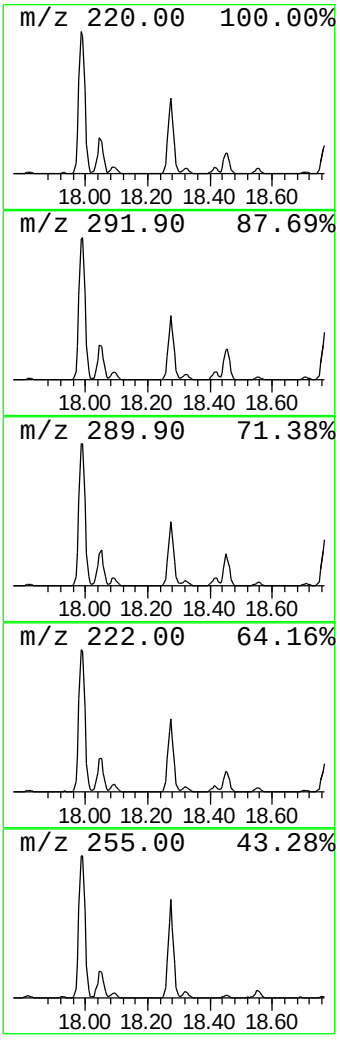
****

Peak Number 4 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.42 ng/ul	1264530	Phenanthrene-d10	16.91

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





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Quant Title : SVOA CALIBRATION

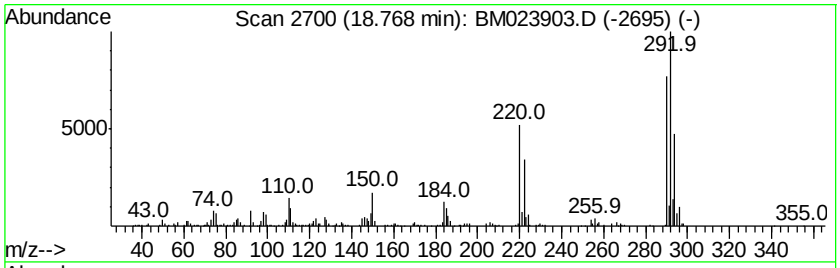
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

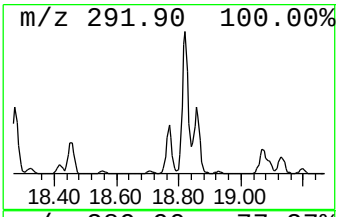
****

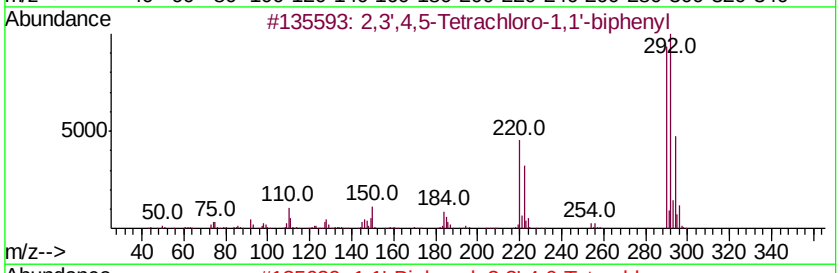
Peak Number 5 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 22

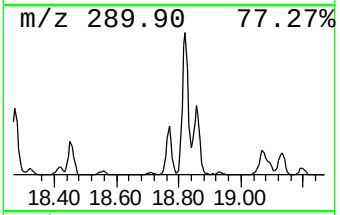
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.55 ng/ul	594764	Phenanthrene-d10	16.91

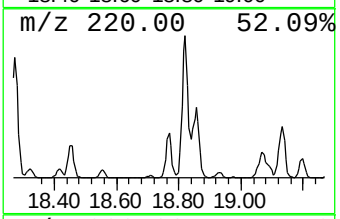
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99
4	2,3,3',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070424-67-8	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99

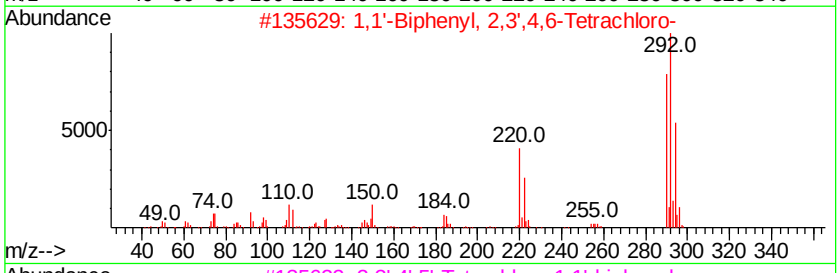


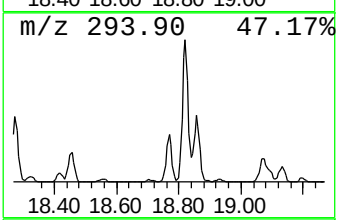


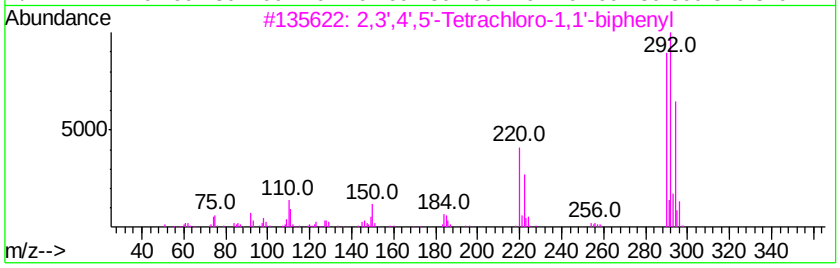


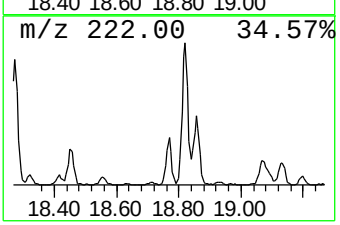












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

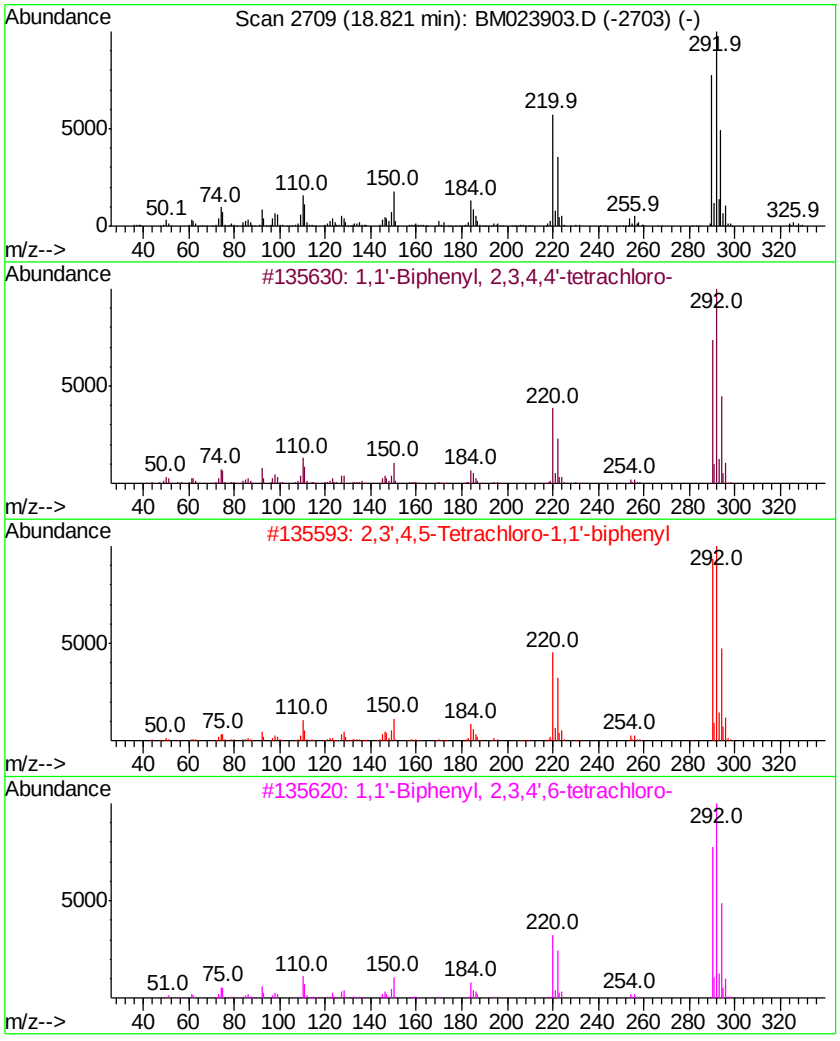
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

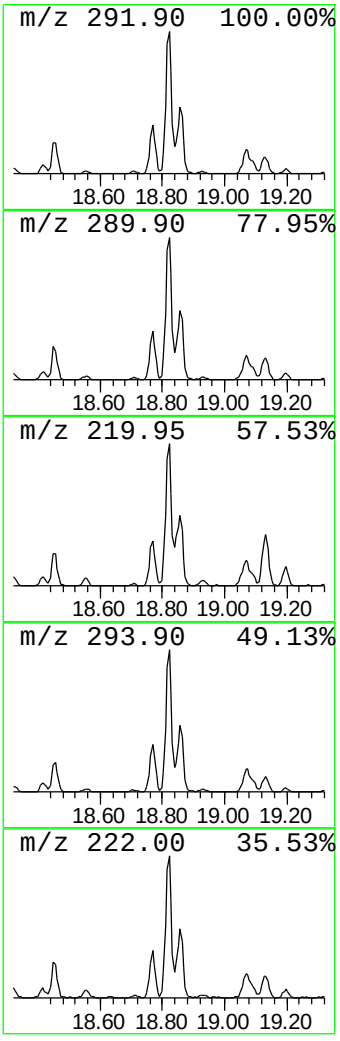
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	7.69 ng/ul	1793420	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
2	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99





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Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

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Quant Title : SVOA CALIBRATION

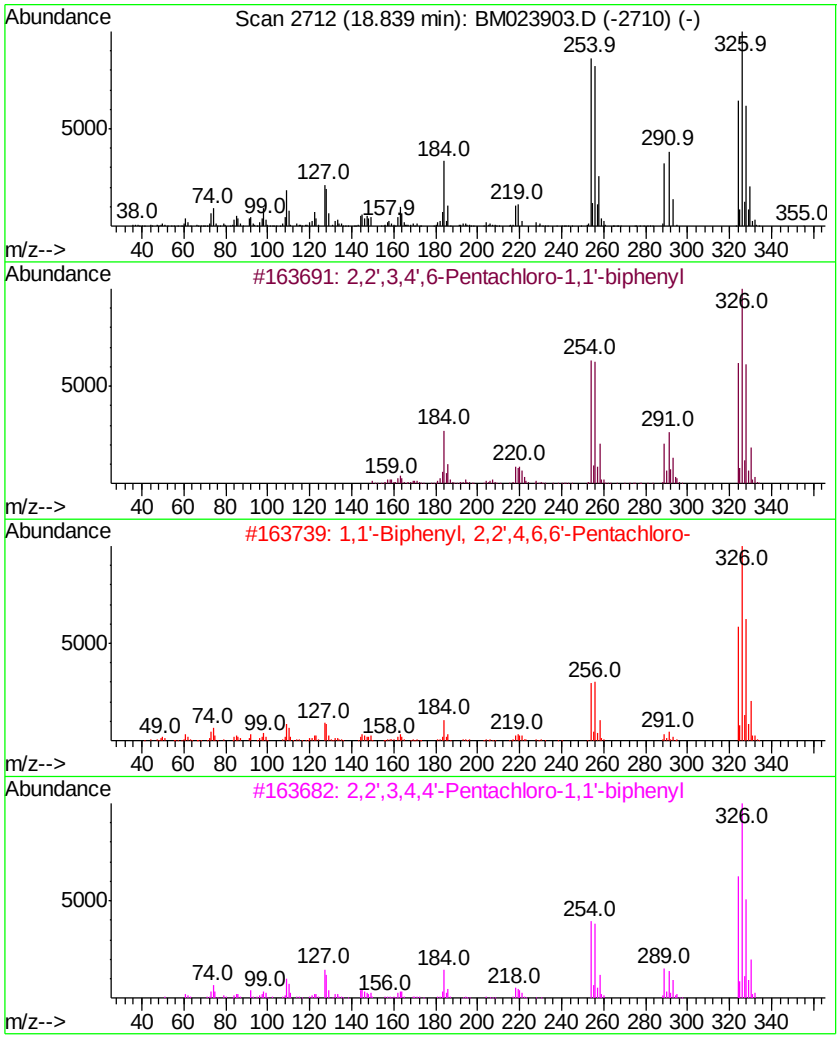
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

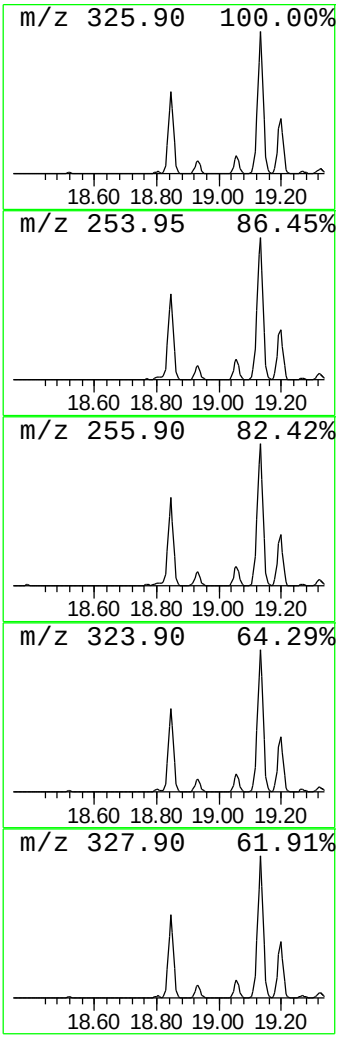
****

Peak Number 7 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	19.58 ng/ul	4566390	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99





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Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

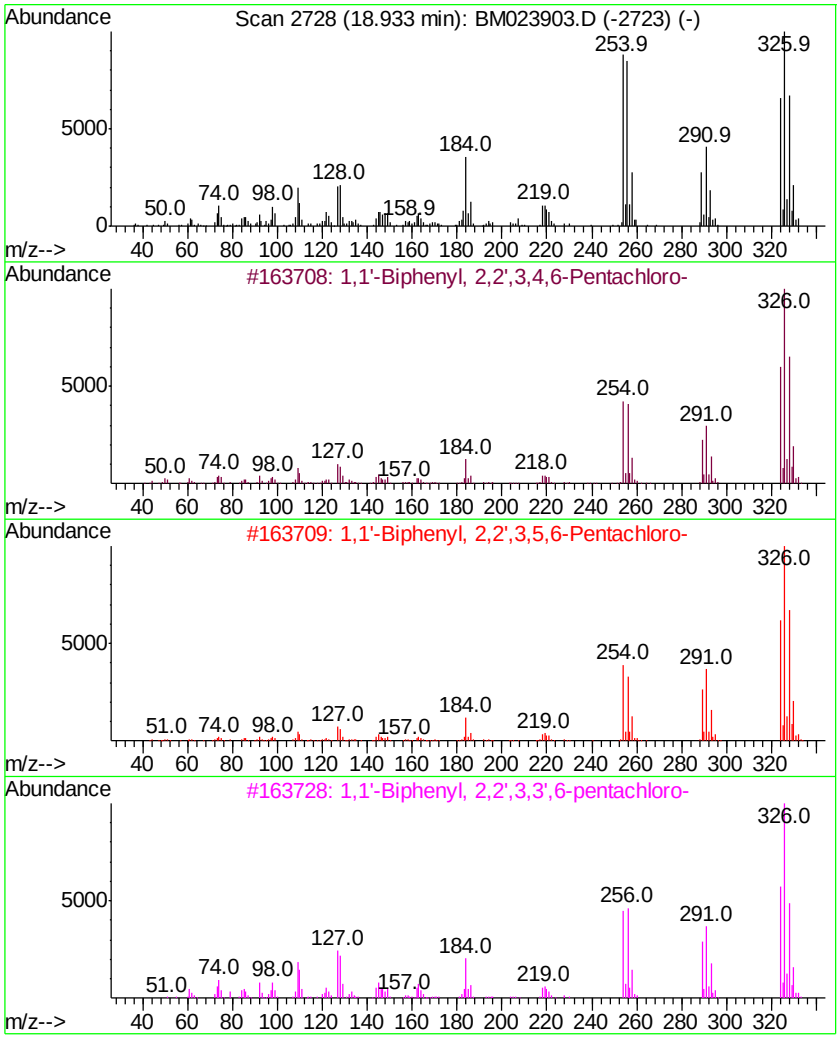
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

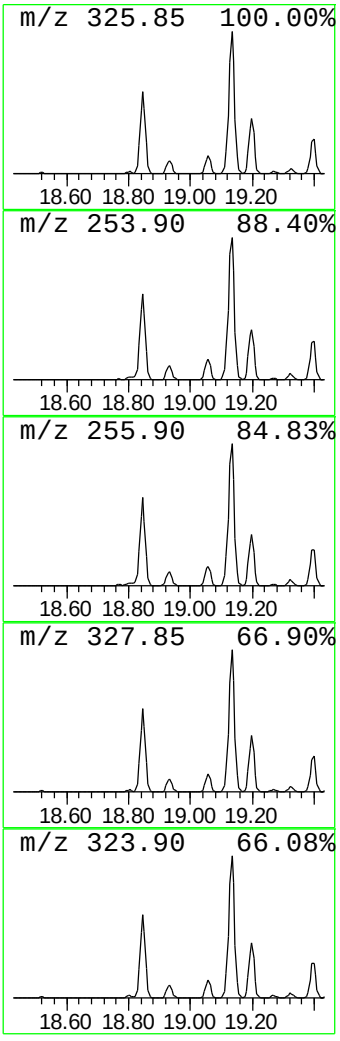
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.66 ng/ul	619964	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
3	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
4	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99





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Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

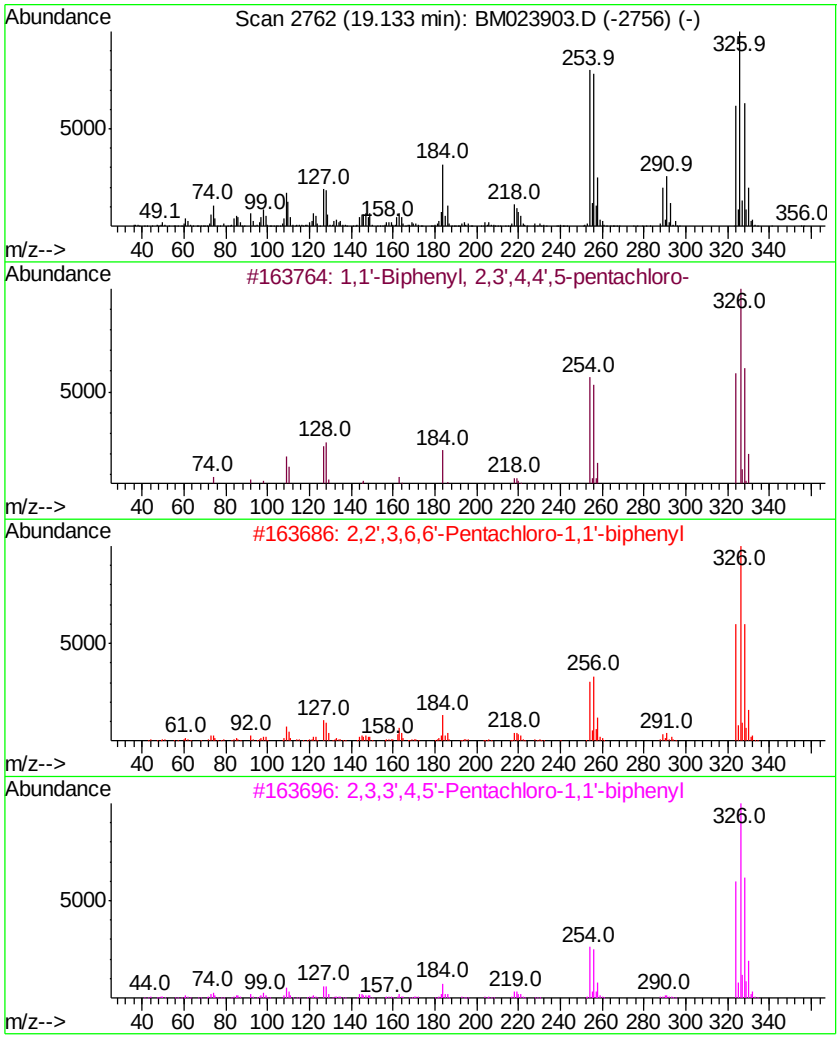
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

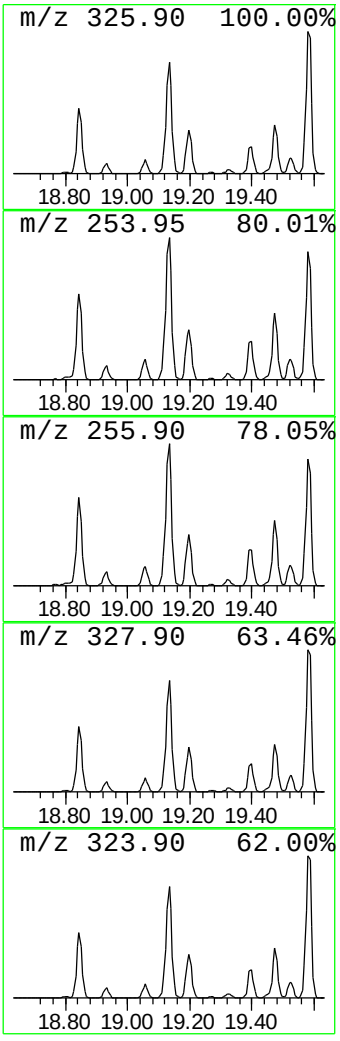
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	26.76 ng/ul	6727950	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

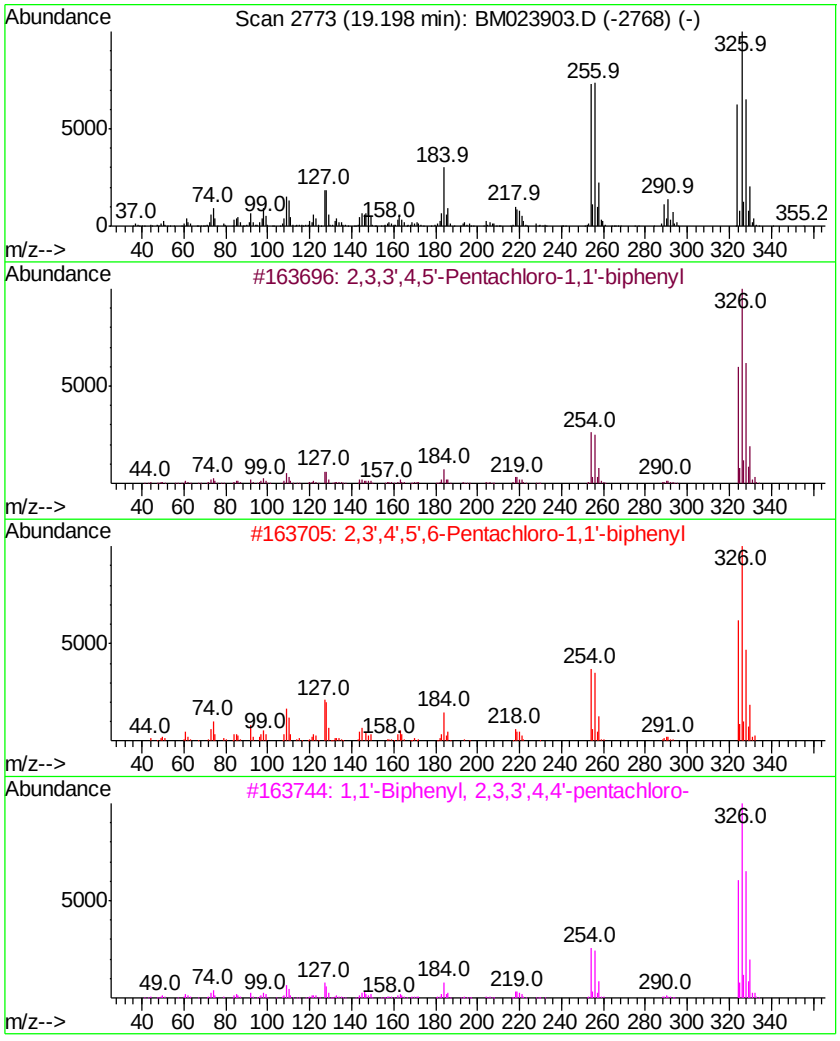
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

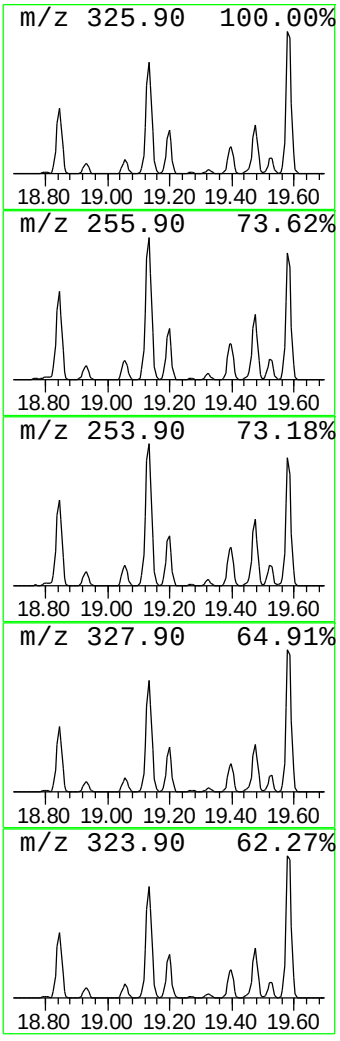
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	8.61 ng/ul	2164240	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
2	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	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'-b...	324	C12H5Cl5	076842-07-4	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





Library Search Compound Report

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Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

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Quant Title : SVOA CALIBRATION

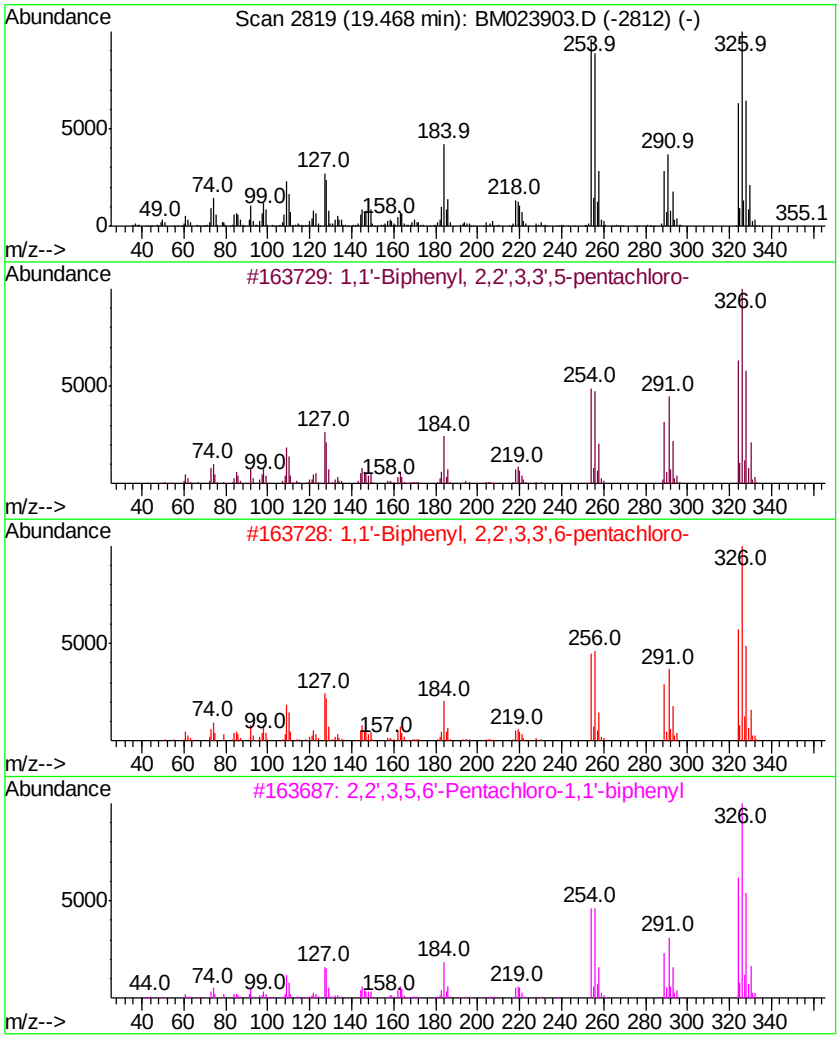
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

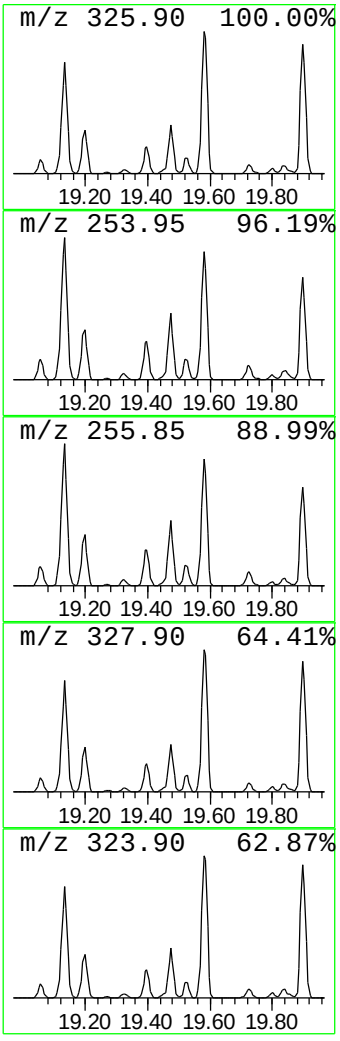
****

Peak Number 13 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	11.36 ng/ul	2857510	Chrysene-d12	21.12

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	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99





Library Search Compound Report

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Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

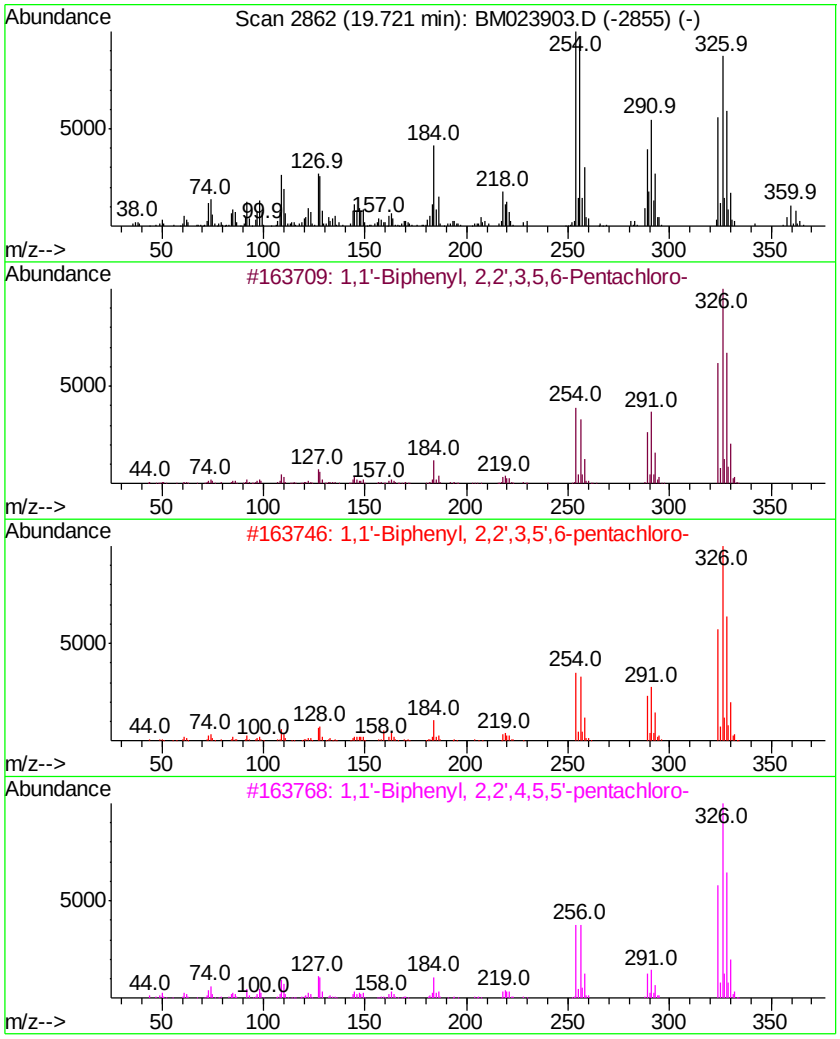
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

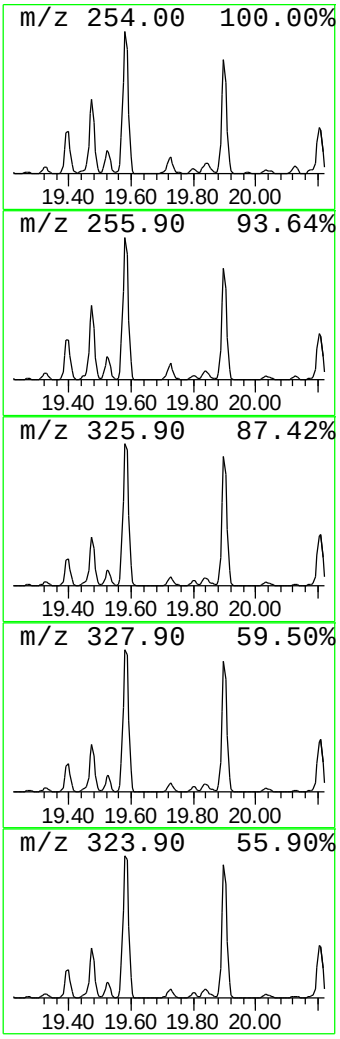
****

Peak Number 16 1,1'-Biphenyl, 2,2',3,5,6-P... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	4.37 ng/ul	1098220	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
2	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99





Library Search Compound Report

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Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

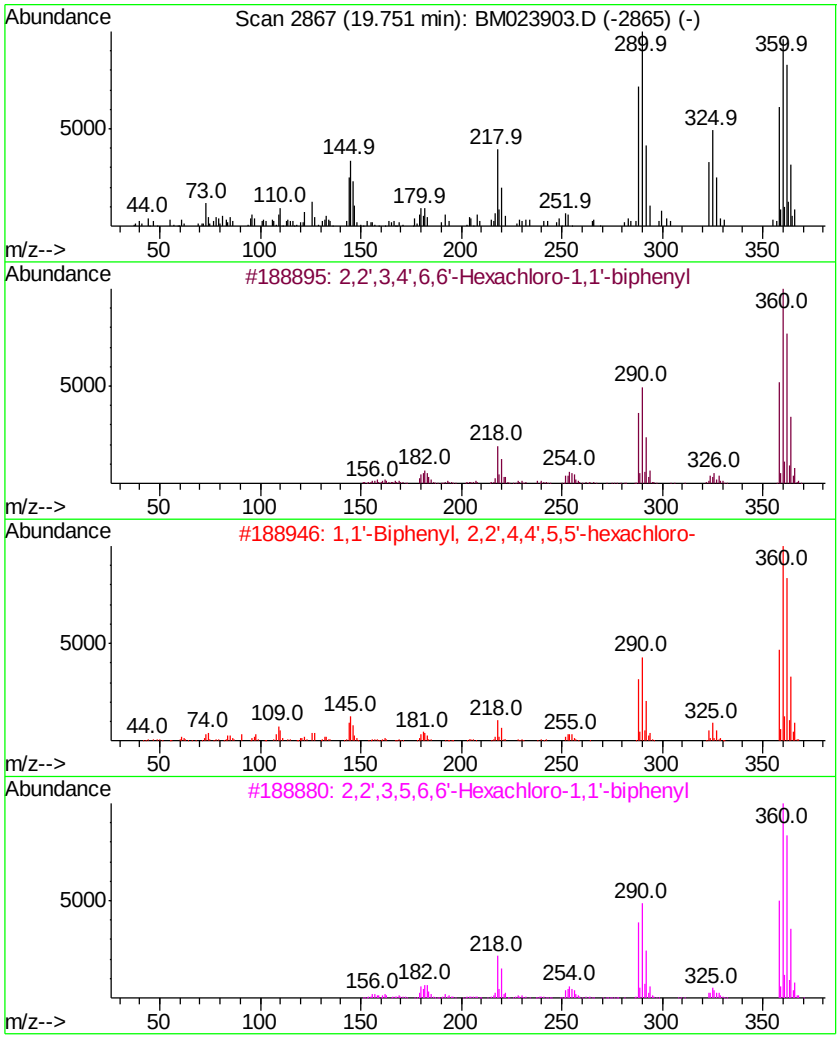
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

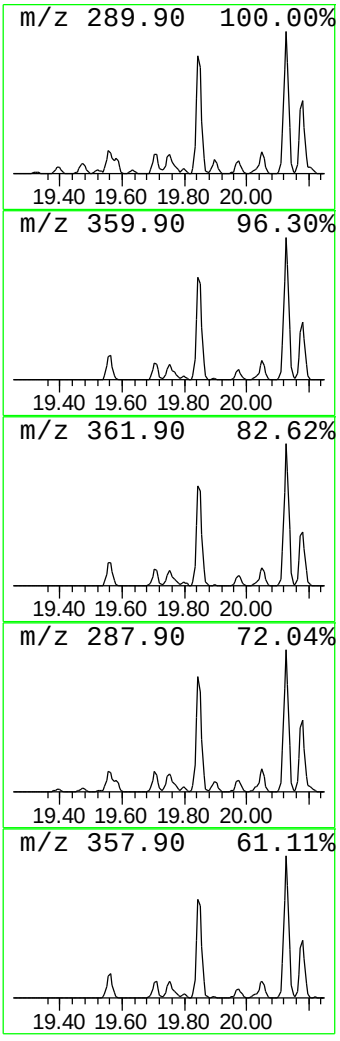
****

Peak Number 17 2,2',3,4',6,6'-Hexachloro-1... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.40 ng/ul	603030	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





Library Search Compound Report

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Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

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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 18 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	10.30 ng/ul	2591040	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
2	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
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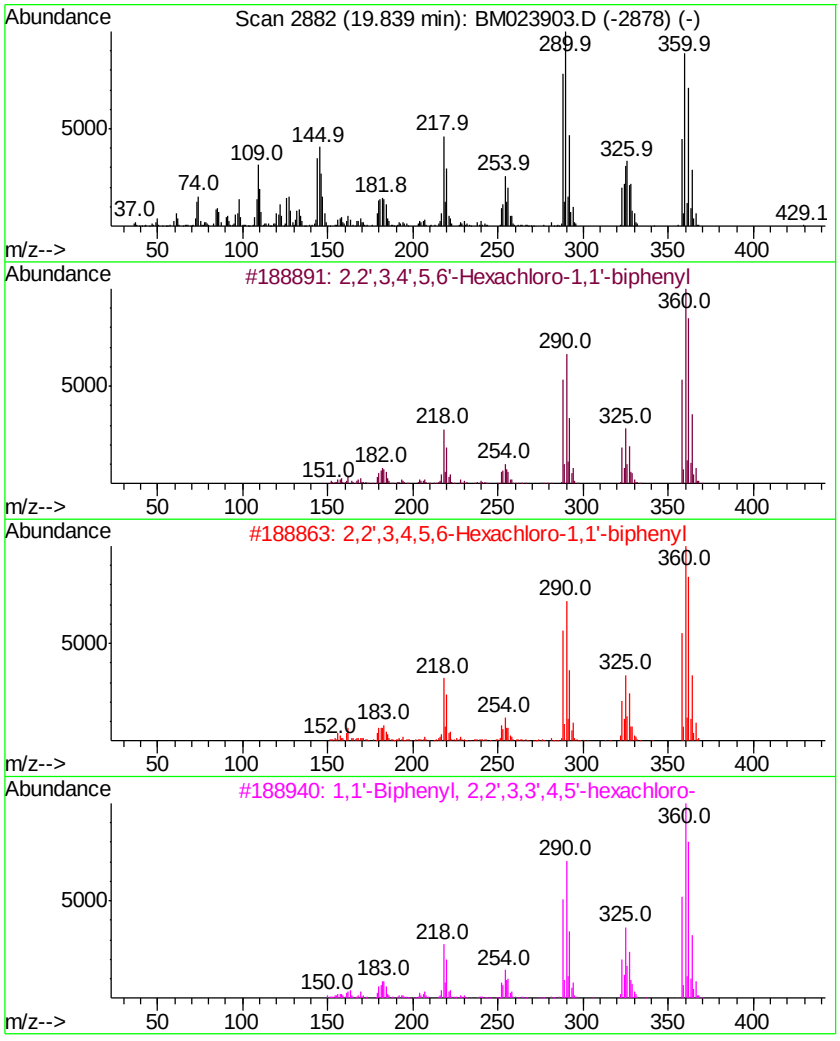

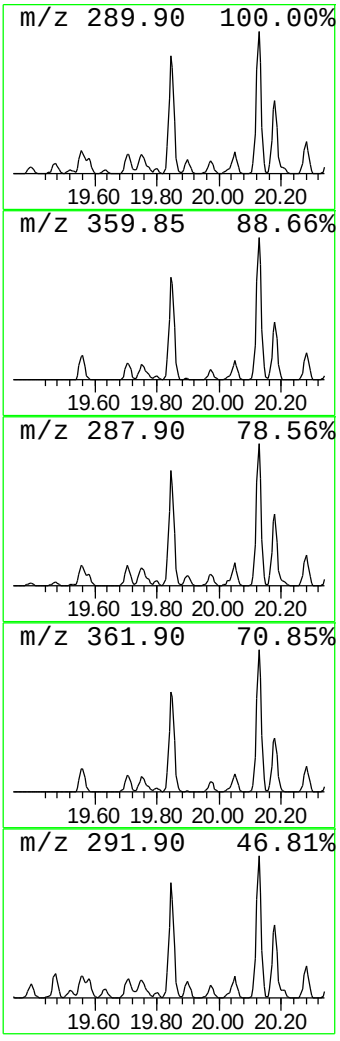

Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

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Quant Title : SVOA CALIBRATION

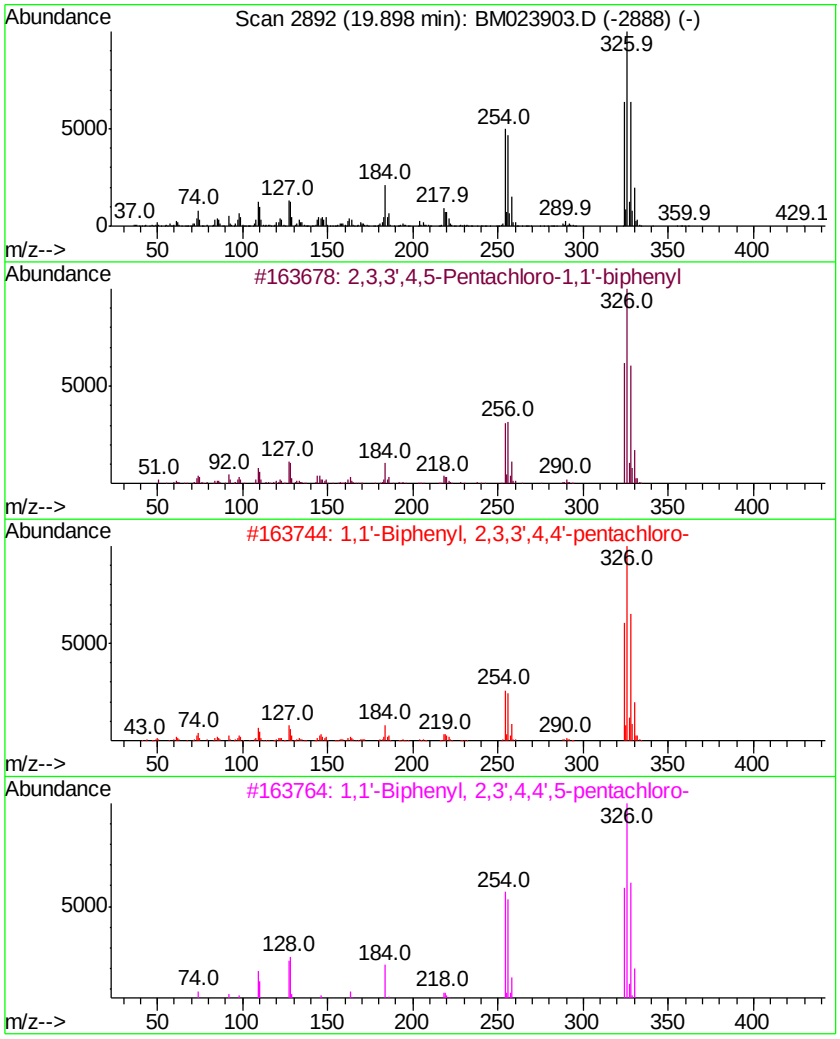
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

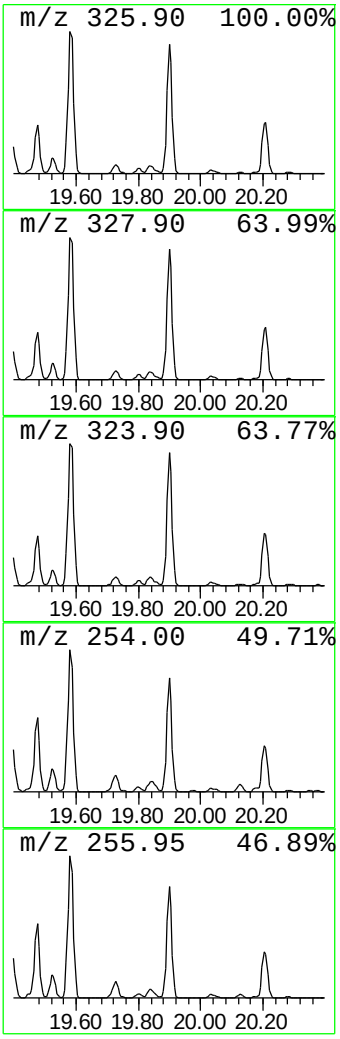
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	19.61 ng/ul	4931310	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

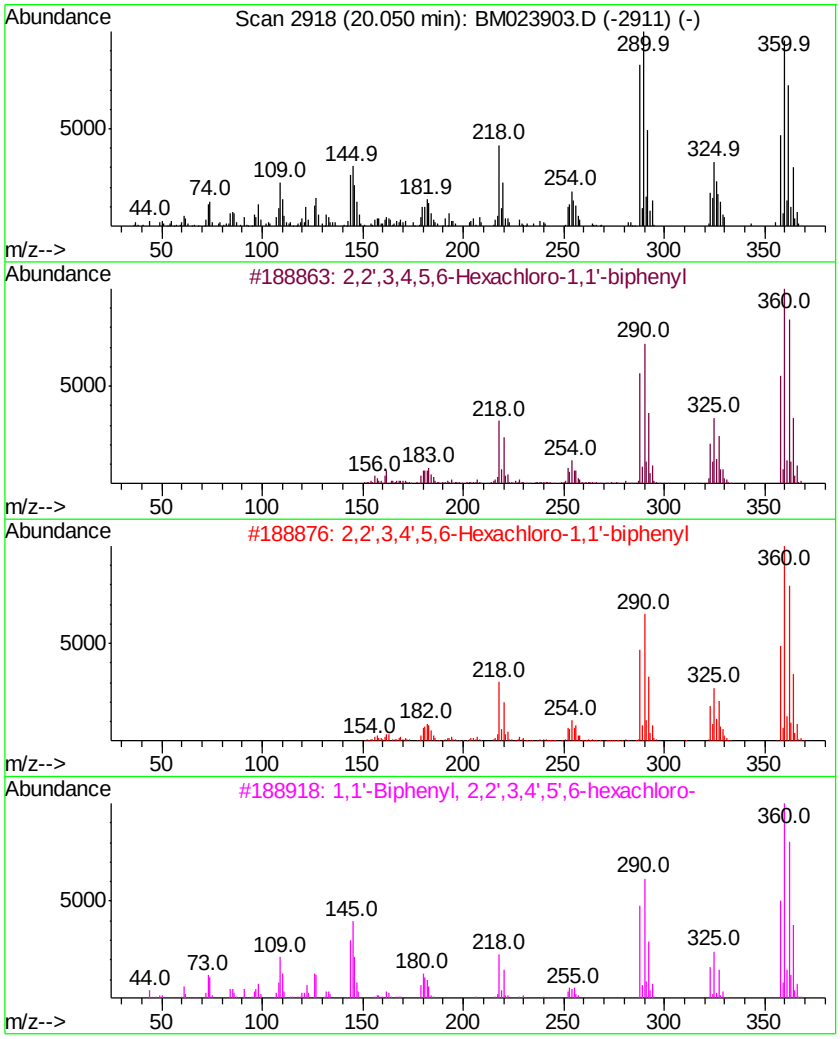
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

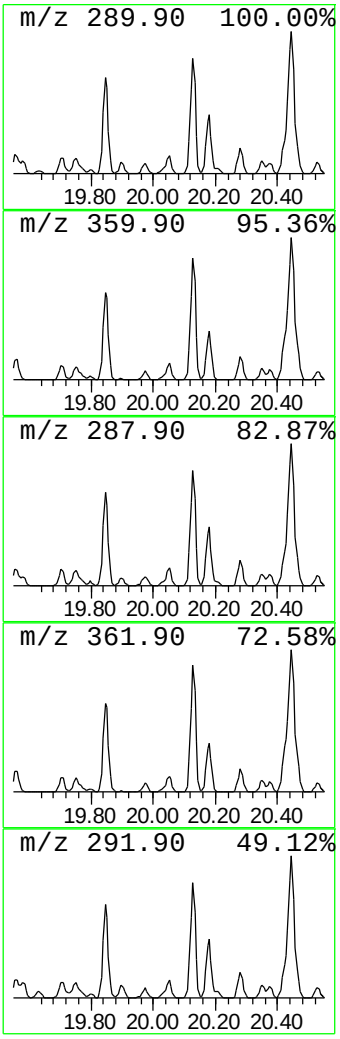
****

Peak Number 20 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.52 ng/ul	633804	Chrysene-d12	21.12

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	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99





Library Search Compound Report

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Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

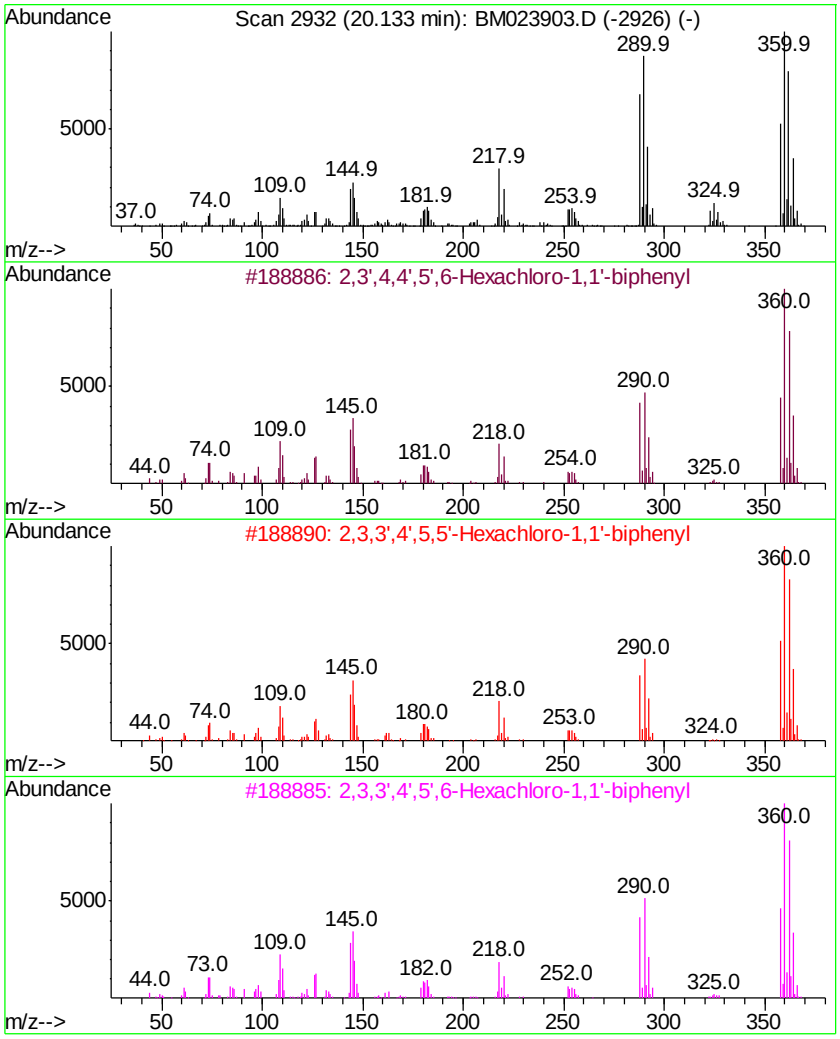
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

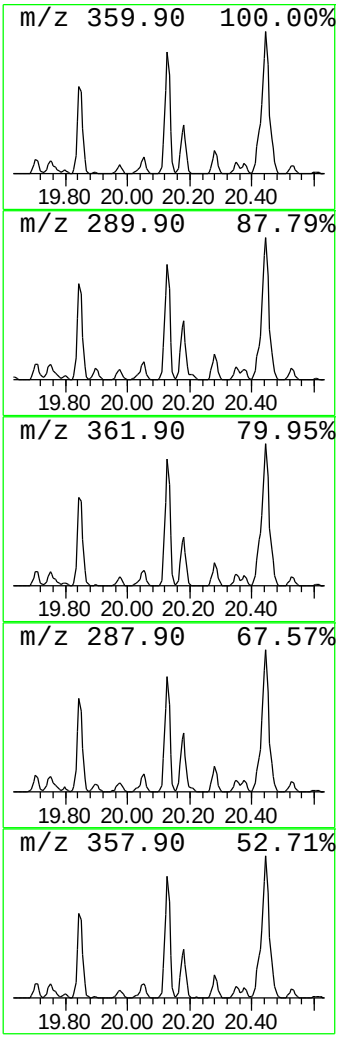
****

Peak Number 21 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	10.14 ng/ul	2550410	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





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Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

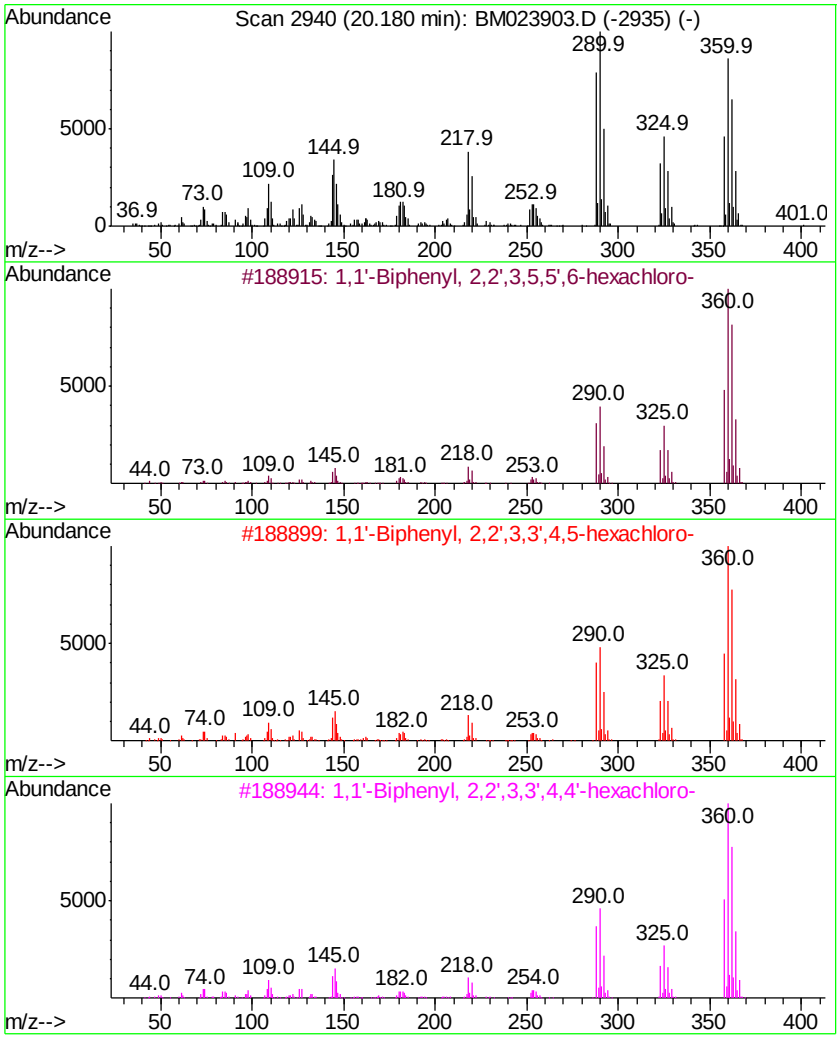
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

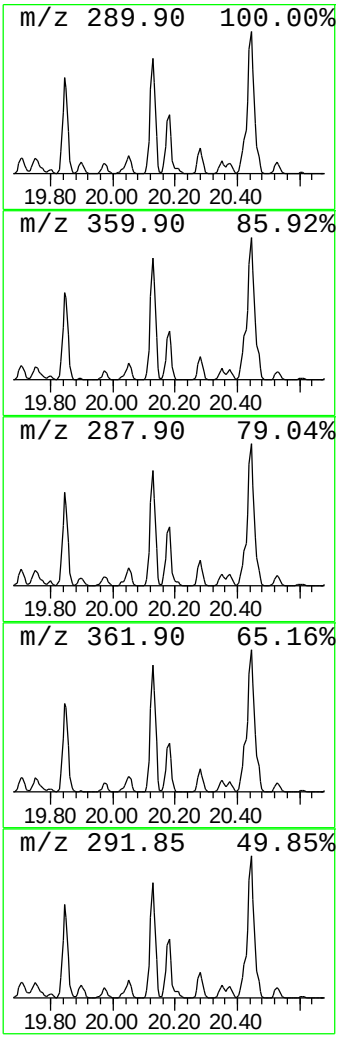
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	6.05 ng/ul	1521650	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

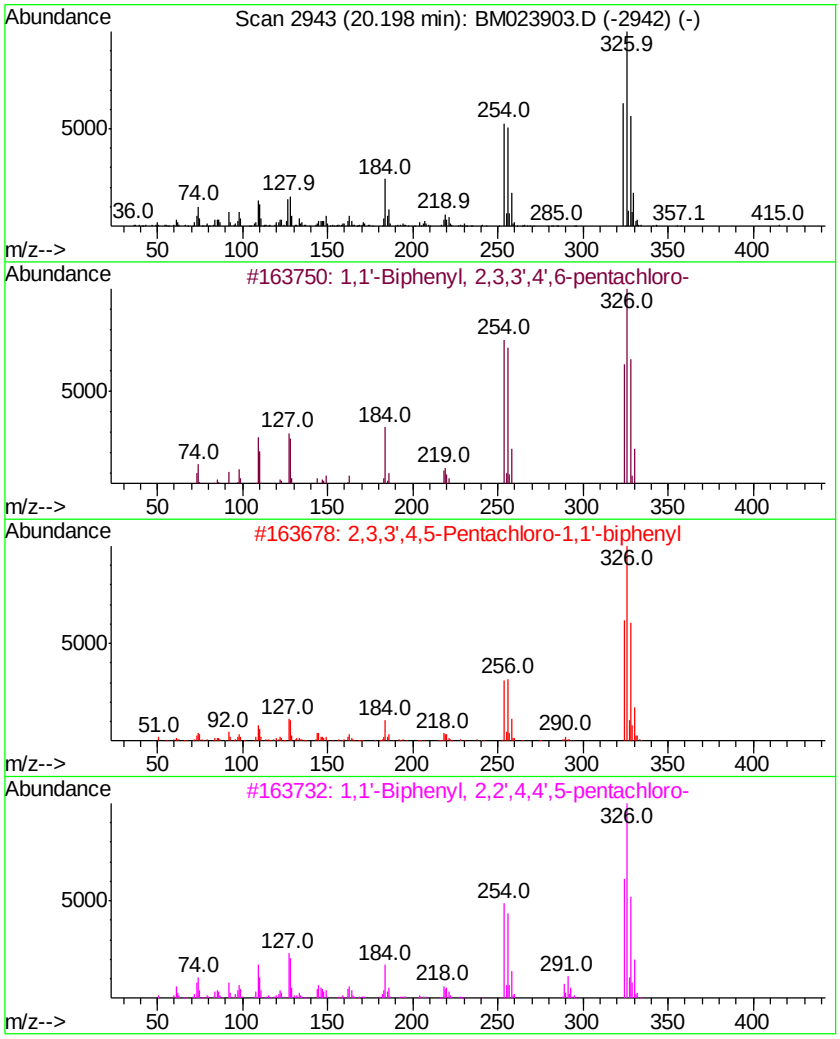
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

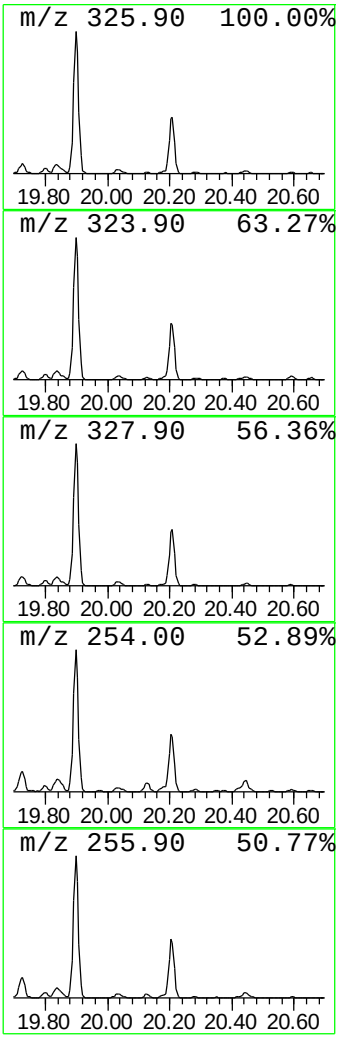
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	7.88 ng/ul	1980200	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	97
5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	96





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Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

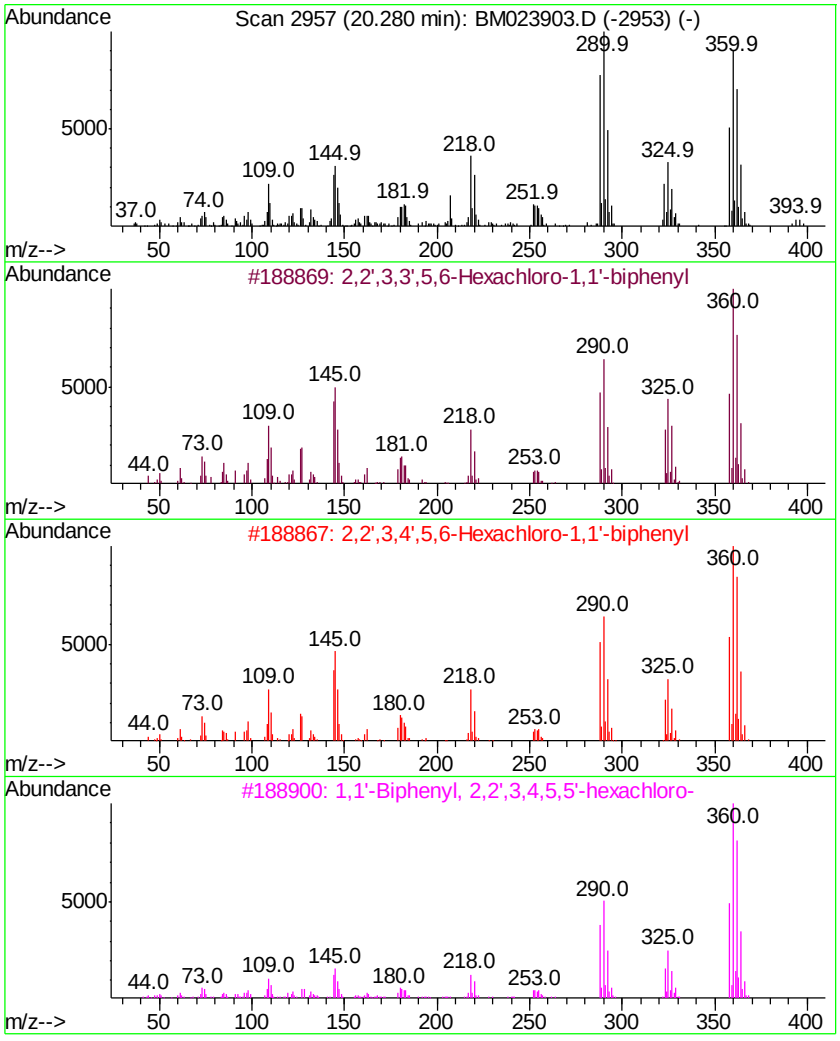
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

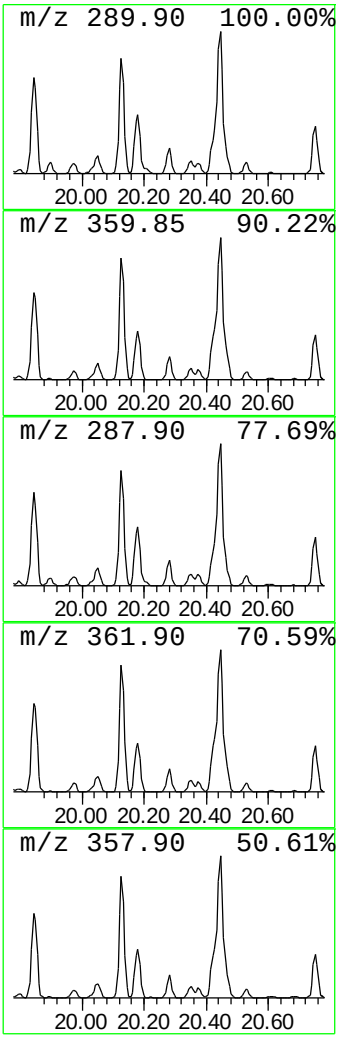
****

Peak Number 24 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	2.46 ng/ul	618511	Chrysene-d12	21.12

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	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

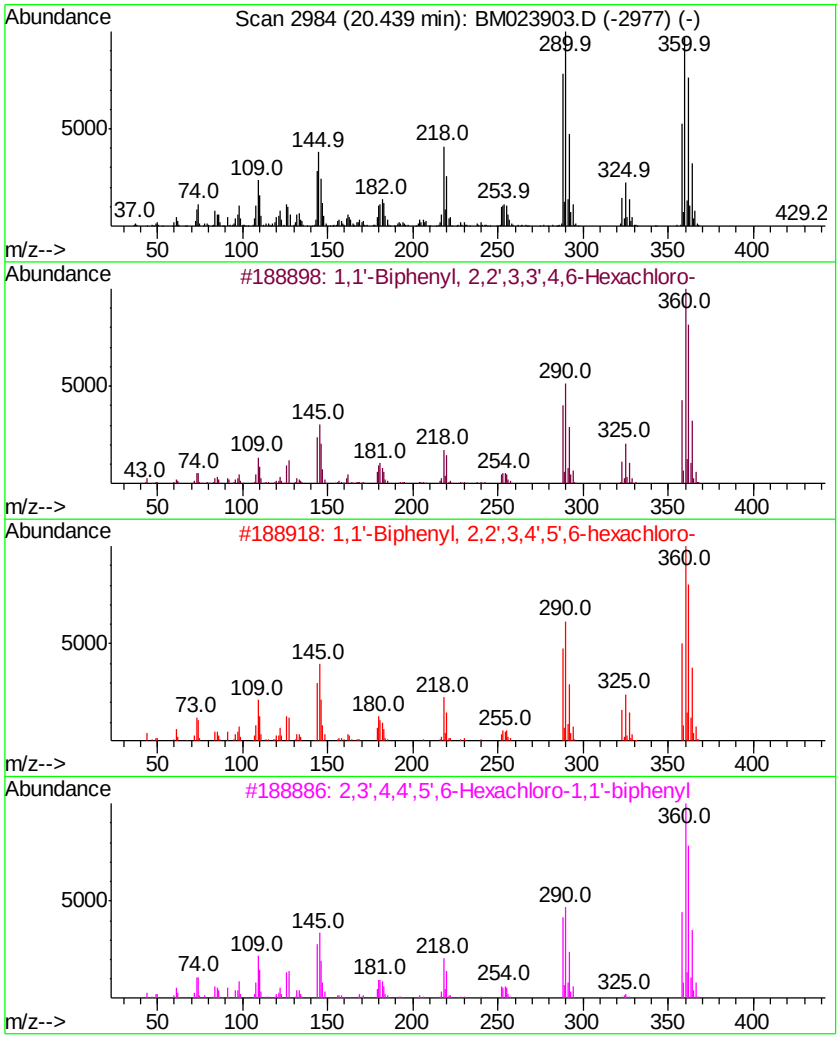
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

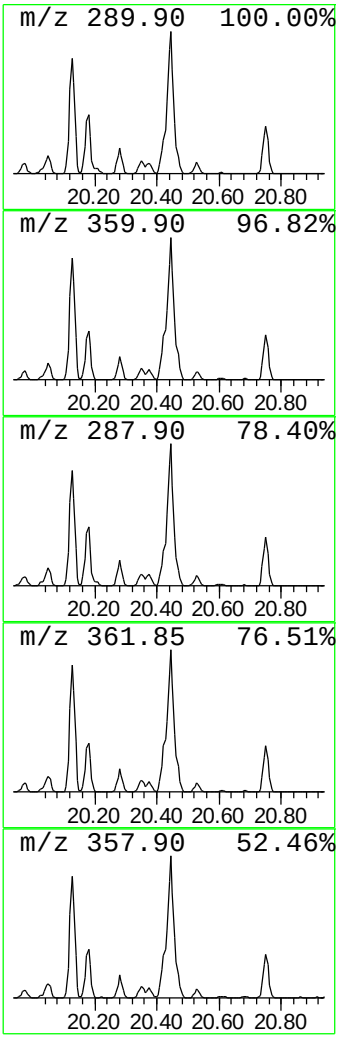
****

Peak Number 25 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	17.95 ng/ul	4514210	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

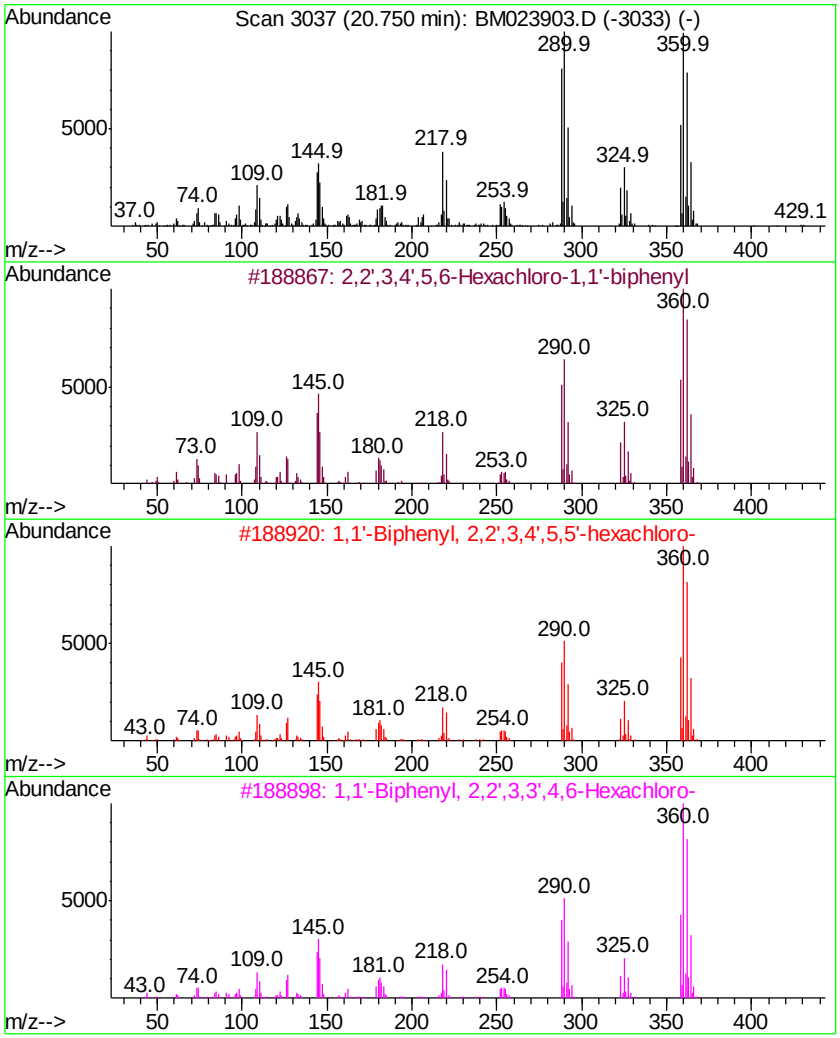
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

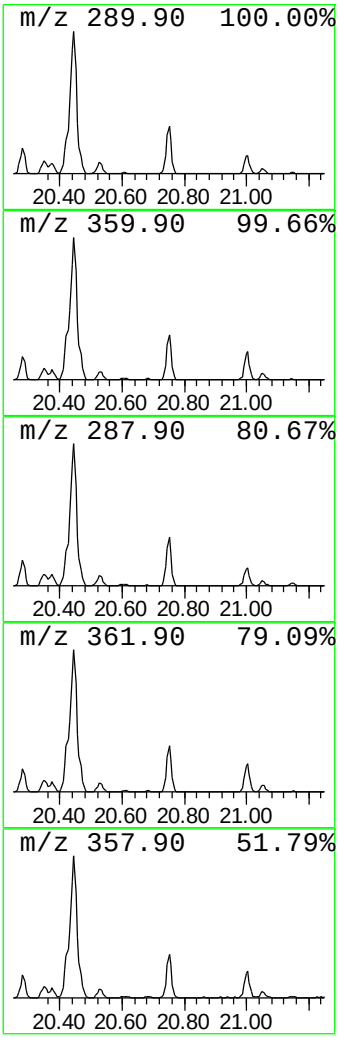
****

Peak Number 26 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	4.26 ng/ul	1070030	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112619\
Data File : BM023903.D
Acq On : 26 Nov 2019 23:02
Operator : JU
Sample : K5985-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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...	2.96	10.0	ng/ul	1227300	1	7.50	2447950	20.0
1,1'-Biphenyl, 2,...	17.99	10.3	ng/ul	2403840	4	16.91	4663350	20.0
1,1'-Biphenyl, 2,...	18.04	2.3	ng/ul	540949	4	16.91	4663350	20.0
2,2',4,5-Tetrachl...	18.27	5.4	ng/ul	1264530	4	16.91	4663350	20.0
1,1'-Biphenyl, 2,...	18.77	2.5	ng/ul	594764	4	16.91	4663350	20.0
1,1'-Biphenyl, 2,...	18.82	7.7	ng/ul	1793420	4	16.91	4663350	20.0
2,2',3,4',6-Penta...	18.84	19.6	ng/ul	4566390	4	16.91	4663350	20.0
1,1'-Biphenyl, 2,...	18.93	2.7	ng/ul	619964	4	16.91	4663350	20.0
1,1'-Biphenyl, 2,...	19.13	26.8	ng/ul	6727950	5	21.12	5028980	20.0
2,3,3',4,5'-Penta...	19.20	8.6	ng/ul	2164240	5	21.12	5028980	20.0
1,1'-Biphenyl, 2,...	19.47	11.4	ng/ul	2857510	5	21.12	5028980	20.0
1,1'-Biphenyl, 2,...	19.72	4.4	ng/ul	1098220	5	21.12	5028980	20.0
2,2',3,4',6,6'-He...	19.75	2.4	ng/ul	603030	5	21.12	5028980	20.0
2,2',3,4',5,6'-He...	19.84	10.3	ng/ul	2591040	5	21.12	5028980	20.0
2,3,3',4,5-Pentac...	19.90	19.6	ng/ul	4931310	5	21.12	5028980	20.0
2,2',3,4,5,6-Hexa...	20.05	2.5	ng/ul	633804	5	21.12	5028980	20.0
2,3',4,4',5',6-He...	20.13	10.1	ng/ul	2550410	5	21.12	5028980	20.0
1,1'-Biphenyl, 2,...	20.18	6.0	ng/ul	1521650	5	21.12	5028980	20.0
1,1'-Biphenyl, 2,...	20.20	7.9	ng/ul	1980200	5	21.12	5028980	20.0
2,2',3,3',5,6-Hex...	20.28	2.5	ng/ul	618511	5	21.12	5028980	20.0
1,1'-Biphenyl, 2,...	20.44	17.9	ng/ul	4514210	5	21.12	5028980	20.0
2,2',3,4',5,6-Hex...	20.75	4.3	ng/ul	1070030	5	21.12	5028980	20.0