LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023381.D
Acq On : 24 Oct 2019 16:09
Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

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-BM102319MA.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	3.046	8	10	13	rVB	56863	50765	0.79%	0.112%
2	3.081	13	16	21	rVB	1244793	1313961	20.55%	2.897%
3	3.411	69	72	81	rVB2	99823	127416	1.99%	0.281%
4	6.622	615	618	623	rVB4	10965	16947	0.27%	0.037%
5	7.628	782	789	800	rBV	2103934	3231068	50.53%	7.124%
6	8.387	914	918	923	rBV6	4649	9621	0.15%	0.021%
7	9.951	1180	1184	1185	rVB3	5428	7006	0.11%	0.015%
8	10.122	1209	1213	1218	rVB5	6492	12068	0.19%	0.027%
9	10.204	1221	1227	1234	rVB6	15162	30070	0.47%	0.066%
10	10.410	1250	1262	1275	rBV	2550461	4292133	67.12%	9.464%
11	10.563	1286	1288	1293	rVB6	8642	12338	0.19%	0.027%
12	10.675	1304	1307	1313	rVB6	8512	15881	0.25%	0.035%
13	10.887	1340	1343	1349	rVB6	9516	14154	0.22%	0.031%
14	11.181	1390	1393	1396	rBV4	7394	7985	0.12%	0.018%
15	11.328	1415	1418	1425	rVB7	5969	9193	0.14%	0.020%
16	13.092	1711	1718	1724	rBV5	14360	26966	0.42%	0.059%
17	14.275	1913	1919	1930	rBV2	3460762	5250773	82.12%	11.577%
18	15.280	2086	2090	2093	rBV5	7162	9234	0.14%	0.020%
19	16.816	2347	2351	2354	rVB3	14739	14836	0.23%	0.033%
20	16.916	2366	2368	2372	rVB4	6444	6589	0.10%	0.015%
21	16.951	2372	2374	2378	rBV4	6235	9861	0.15%	0.022%
22	17.021	2380	2386	2396	rVV2	4010827	5611620	87.76%	12.373%
23	17.127	2399	2404	2408	rVB4	15519	25991	0.41%	0.057%
24	17.751	2507	2510	2514	rVB5	9754	10355	0.16%	0.023%
25	17.939	2538	2542	2550	rBV10	42788	72776	1.14%	0.160%
26	18.104	2565	2570	2575	rBV	541226	707325	11.06%	1.560%
27	18.163	2575	2580	2584	rVV2	116767	156339	2.44%	0.345%
28	18.204	2584	2587	2591	rVB5	26018	29724	0.46%	0.066%
29	18.386	2613	2618	2623	rBV	216333	293338	4.59%	0.647%
30	18.427	2623	2625	2630	rVB6	9809	16115	0.25%	0.036%
31	18.527	2640	2642	2644	rBV3	12012	8848	0.14%	0.020%
32	18.568	2645	2649	2652	rVB	66528	81571	1.28%	0.180%
33	18.874	2698	2701	2705	rBV	80160	103331	1.62%	0.228%
34	18.927	2706	2710	2711	rVV2	126297	154675	2.42%	0.341%

LSC Area Percent Report

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Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

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-BM102319MA.M
Title : SVOA CALIBRATION

35	18.957	2711	2715	2721	rVV2	762149	1040878	16.28%	2.295%
36	19.039	2725	2729	2735	rVV2	112183	144368	2.26%	0.318%
37	19.168	2746	2751	2758	rBV5	174161	293827	4.60%	0.648%
38	19.245	2758	2764	2770	rVV	1059588	1553019	24.29%	3.424%
39	19.304	2770	2774	2779	rVV	393333	508361	7.95%	1.121%
40	19.433	2793	2796	2800	rBV5	47777	58616	0.92%	0.129%
41	19.504	2804	2808	2813	rVB2	299934	372746	5.83%	0.822%
42	19.580	2817	2821	2826	rVB	512587	614830	9.62%	1.356%
43	19.633	2826	2830	2833	rBV	166155	209726	3.28%	0.462%
44	19.686	2833	2839	2844	rVB	1038233	1412372	22.09%	3.114%
45	19.833	2858	2864	2866	rBV2	116441	226761	3.55%	0.500%
46	19.904	2874	2876	2879	rBV3	50448	41463	0.65%	0.091%
47	19.957	2880	2885	2889	rVV2	432500	600284	9.39%	1.324%
48	20.004	2889	2893	2898	rVB	937400	1124849	17.59%	2.480%
49	20.157	2913	2919	2923	rBV6	100045	178319	2.79%	0.393%
50	20.233	2928	2932	2937	rVV	526079	622426	9.73%	1.372%
51	20.286	2937	2941	2943	rVV	284423	384464	6.01%	0.848%
52	20.309	2943	2945	2950	rVB	401467	425386	6.65%	0.938%
53	20.386	2955	2958	2964	rVB5	120125	166633	2.61%	0.367%
54	20.551	2979	2986	2992	rBV	657041	1090563	17.06%	2.405%
55	20.857	3034	3038	3042	rBV2	220975	270103	4.22%	0.596%
56	21.215	3094	3099	3104	rBV	4830512	5878955	91.94%	12.962%
57	23.409	3467	3472	3484	rVB2	3520440	6394322	100.00%	14.099%

Sum of corrected areas: 45354144

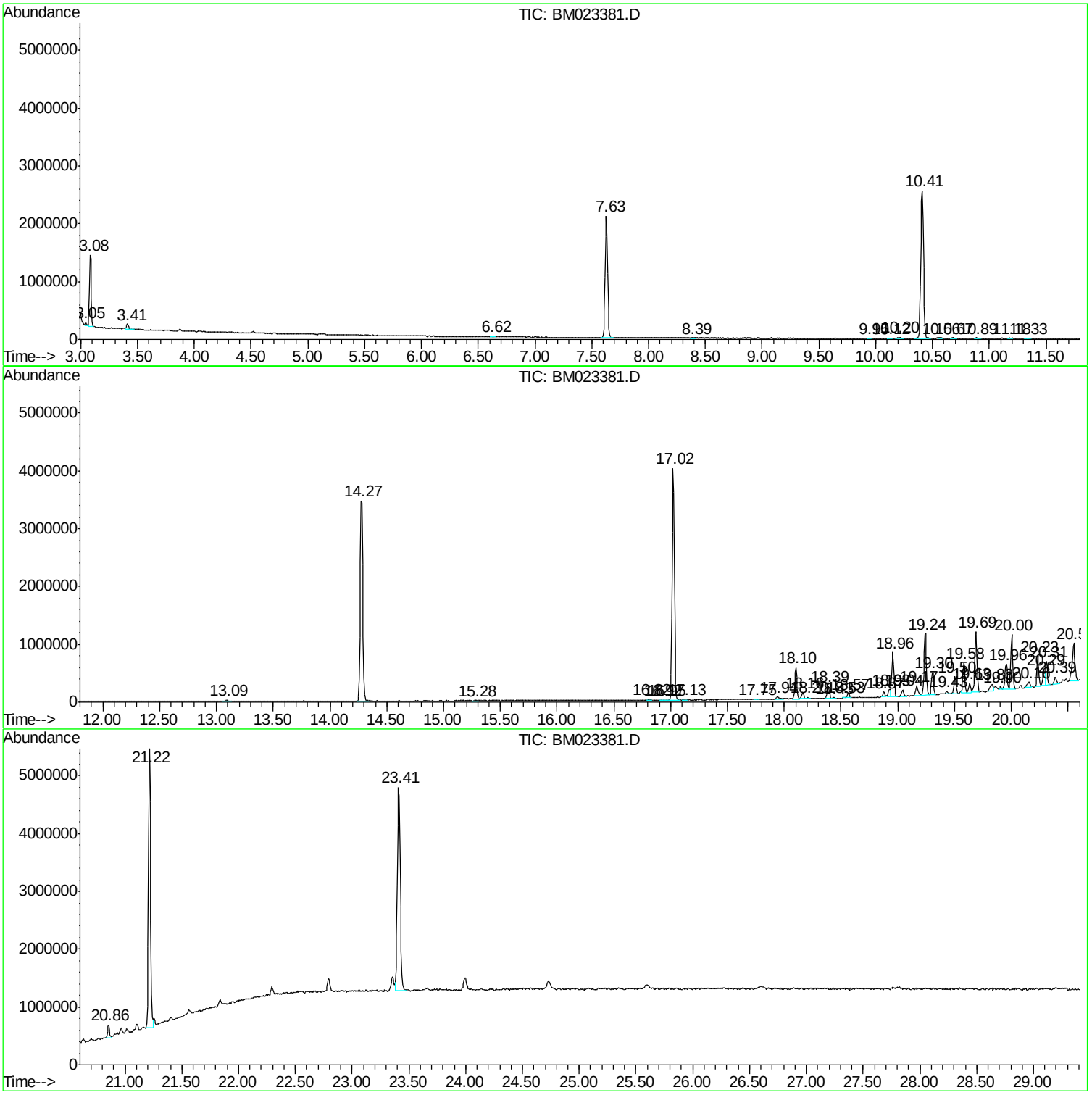
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023381.D
Acq On : 24 Oct 2019 16:09
Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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\BM102319\
Data File : BM023381.D
Acq On : 24 Oct 2019 16:09
Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

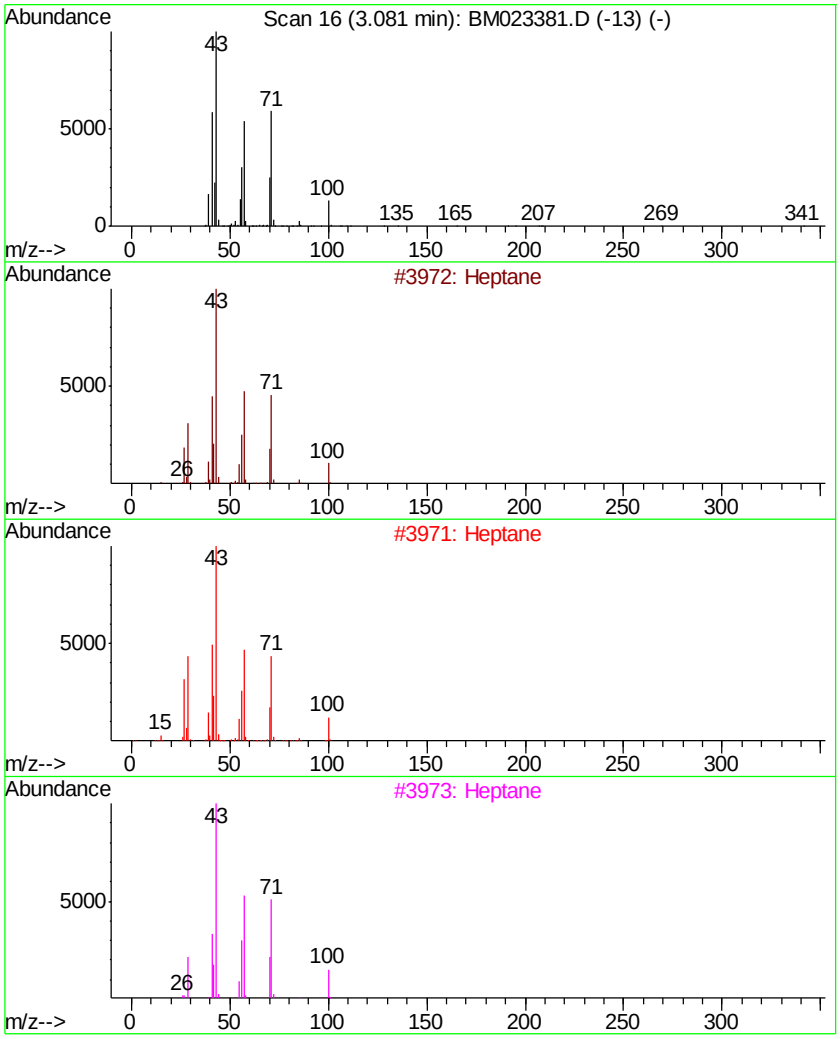
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

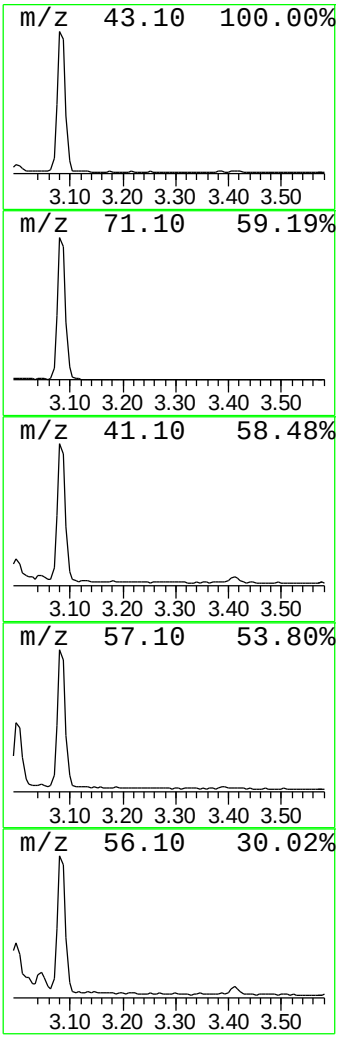
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	8.13 ng/ul	1313960	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	95
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	87
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023381.D
Acq On : 24 Oct 2019 16:09
Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

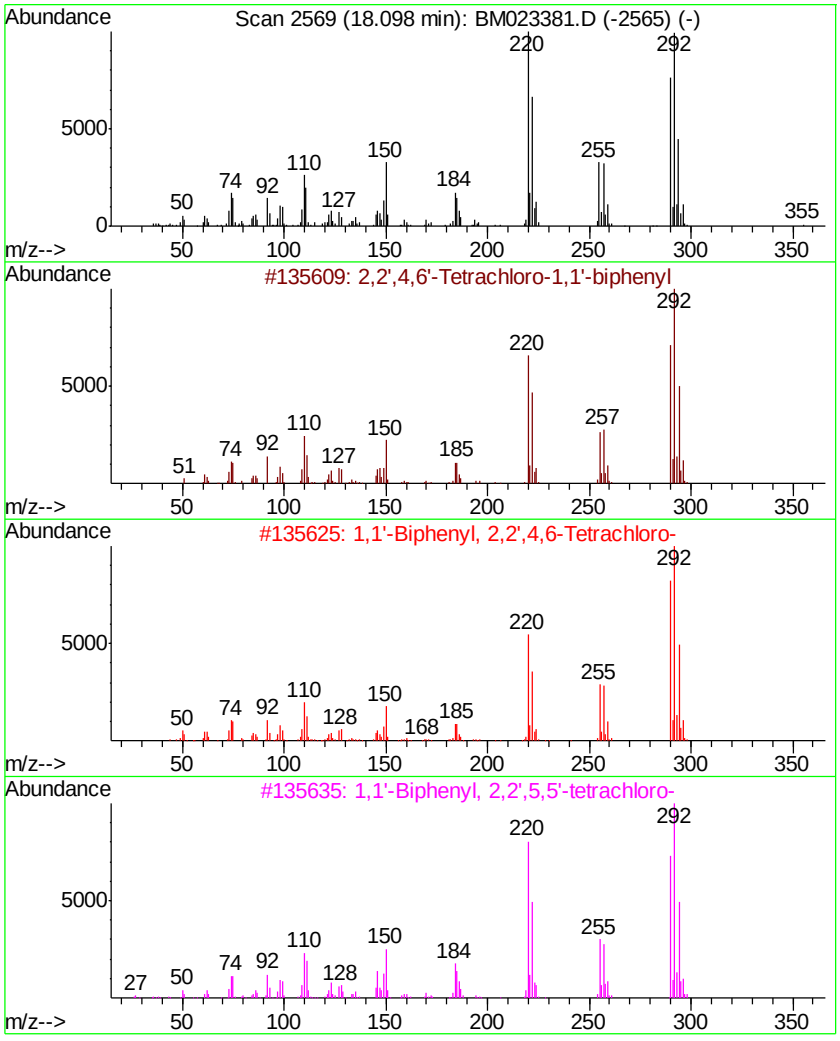
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

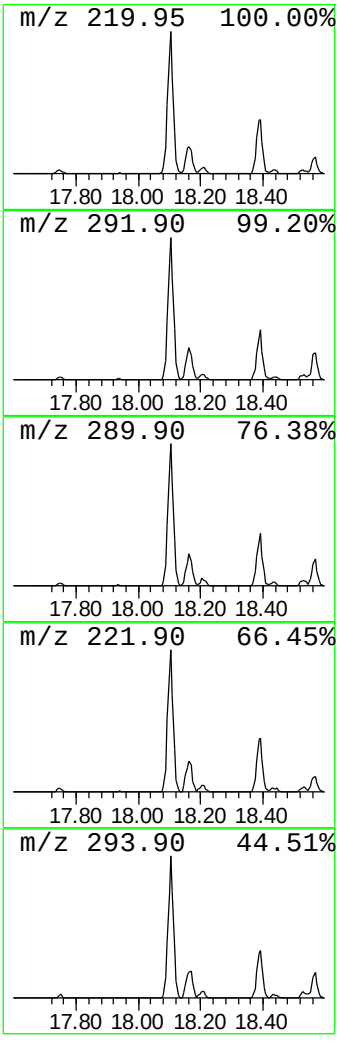
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.52 ng/ul	707325	Phenanthrene-d10	17.02

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',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023381.D
Acq On : 24 Oct 2019 16:09
Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

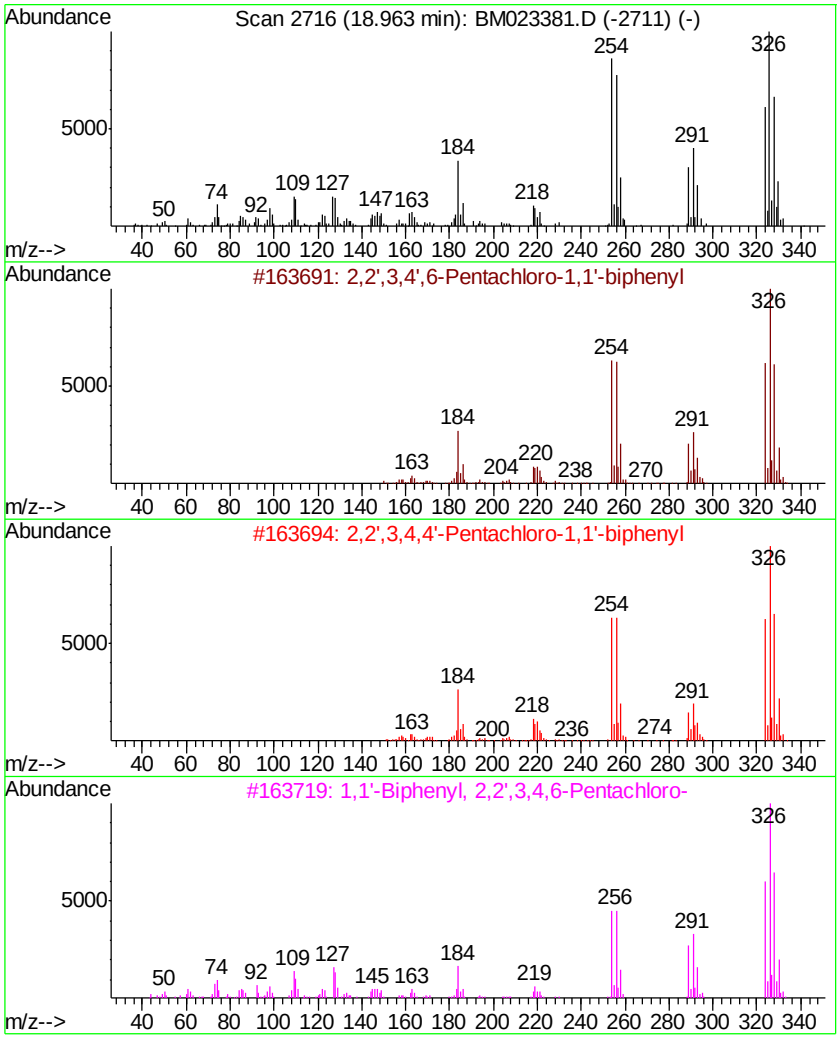
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

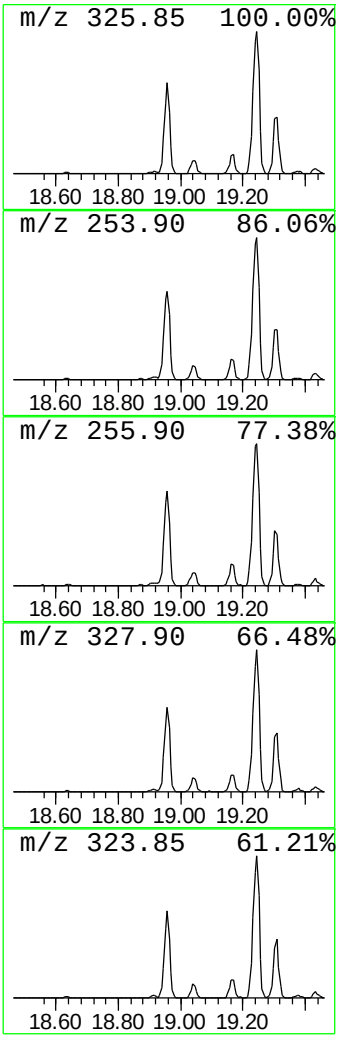
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	3.71 ng/ul	1040880	Phenanthrene-d10	17.02

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	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
3	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023381.D
Acq On : 24 Oct 2019 16:09
Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

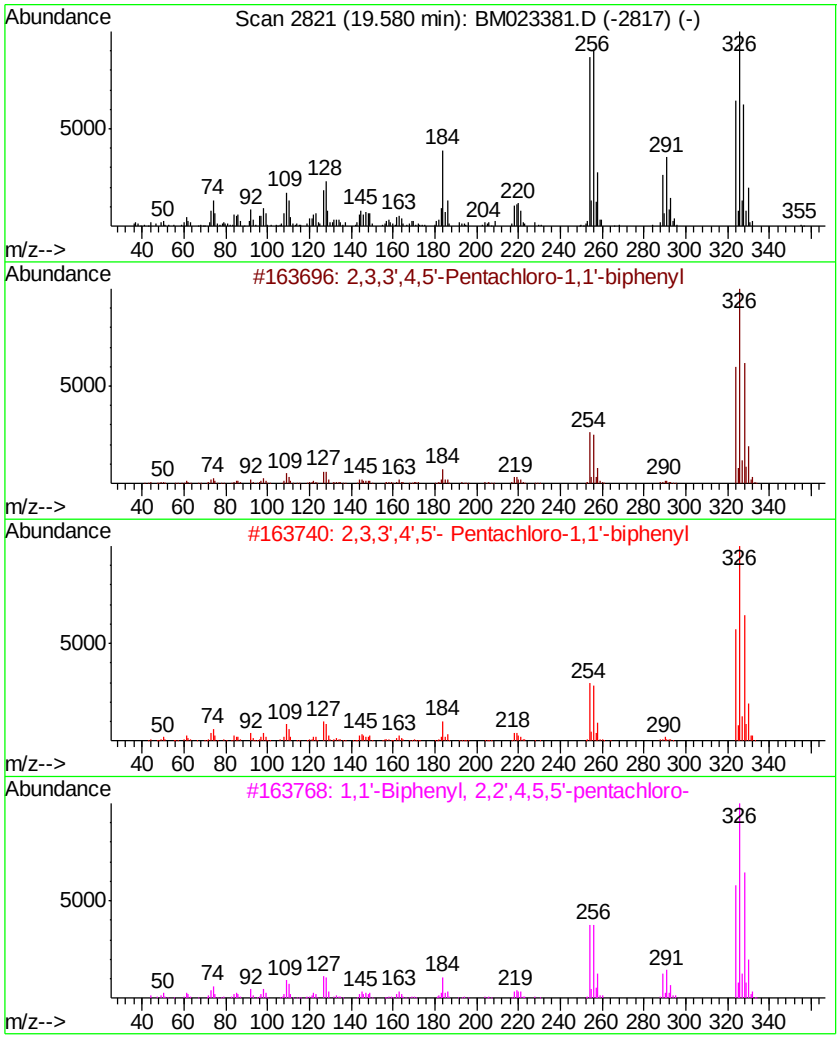
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

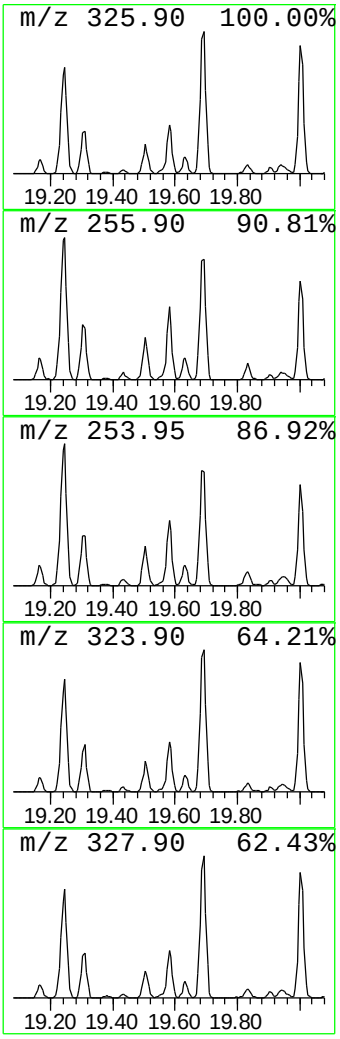
****

Peak Number 5 2,3,3',4,5'-Pentachloro-1,1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	2.09 ng/ul	614830	Chrysene-d12	21.22

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	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	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'-biph...	324	C12H5Cl5	070424-69-0	99
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

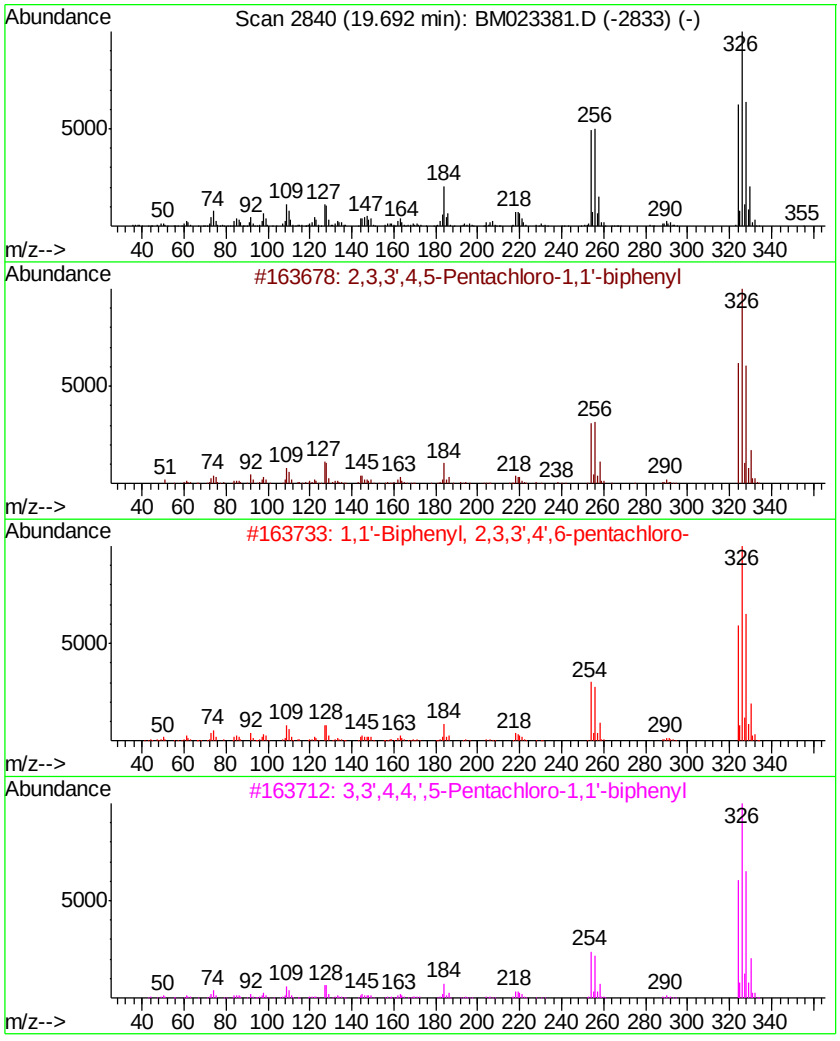
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

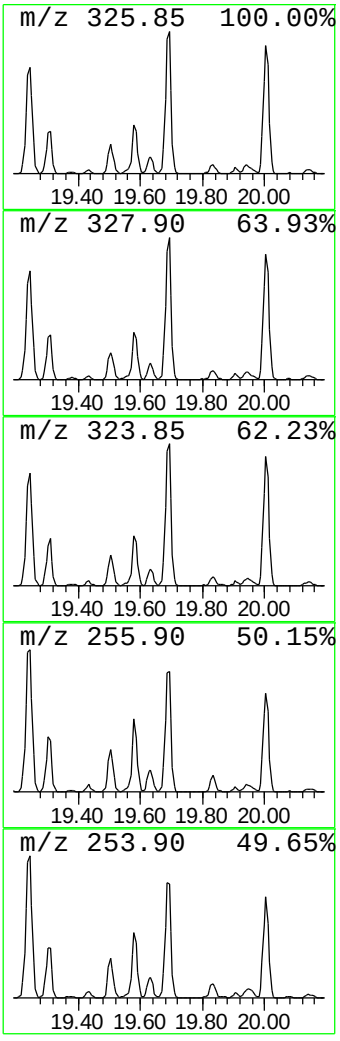
****

Peak Number 6 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	4.80 ng/ul	1412370	Chrysene-d12	21.22

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',6-penta...	324	C12H5Cl5	038380-03-9	99
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99





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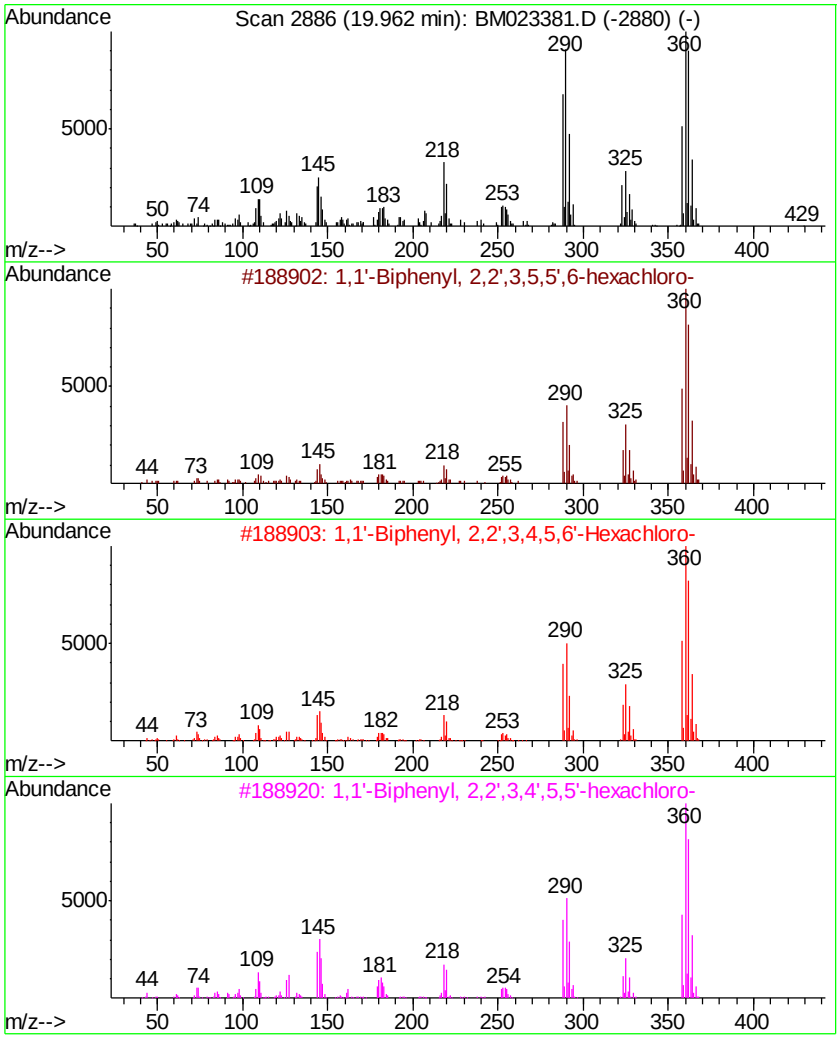
Quant Title : SVOA CALIBRATION

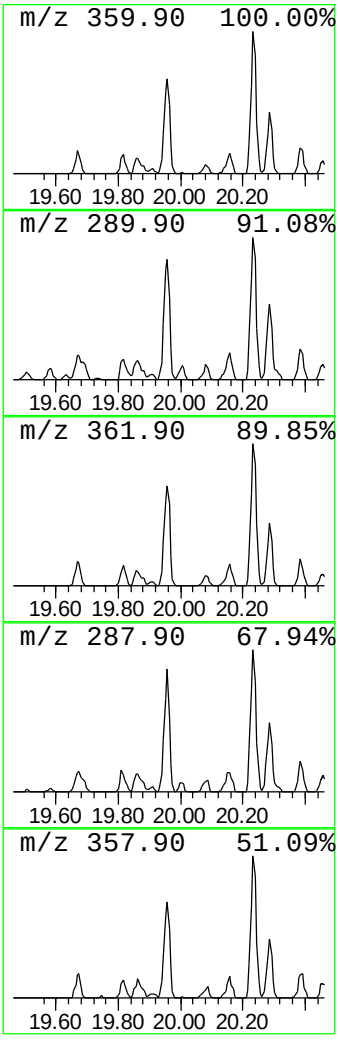
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.04 ng/ul	600284	Chrysene-d12	21.22

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',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023381.D
Acq On : 24 Oct 2019 16:09
Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

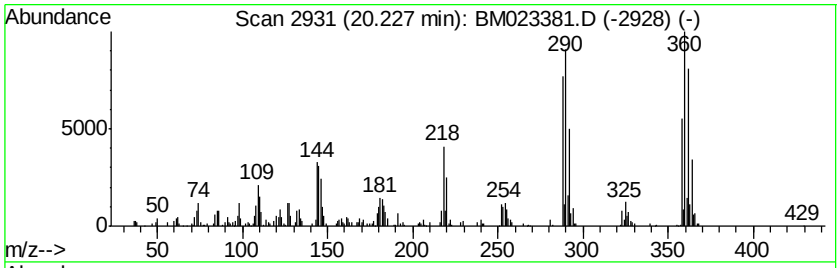
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

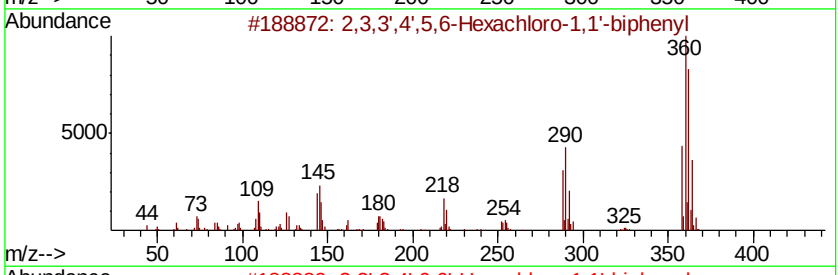
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

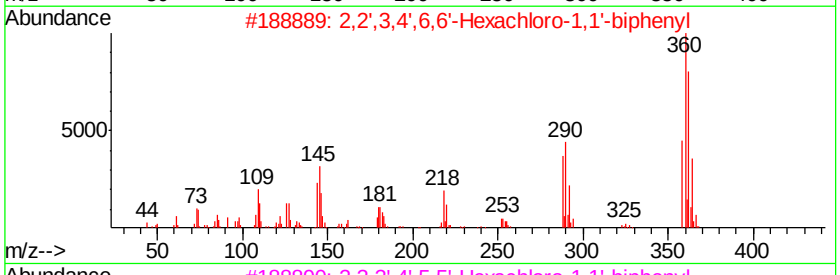
****
Peak Number 9 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 8

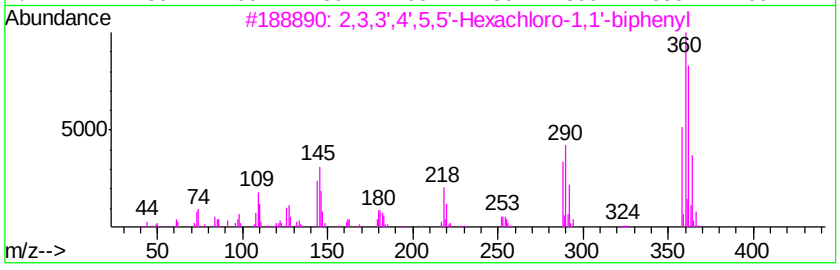
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.12 ng/ul	622426	Chrysene-d12	21.22

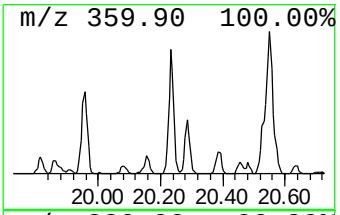
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99

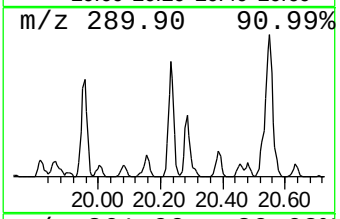


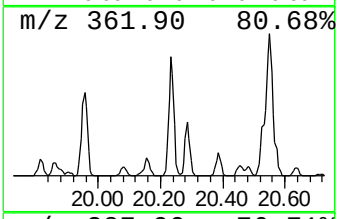


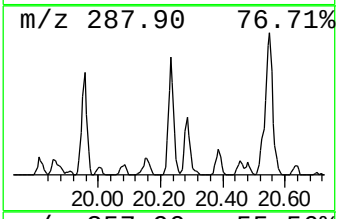


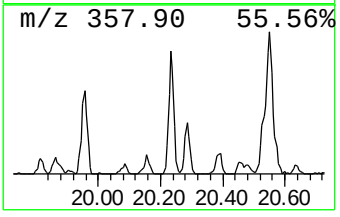












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023381.D
Acq On : 24 Oct 2019 16:09
Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

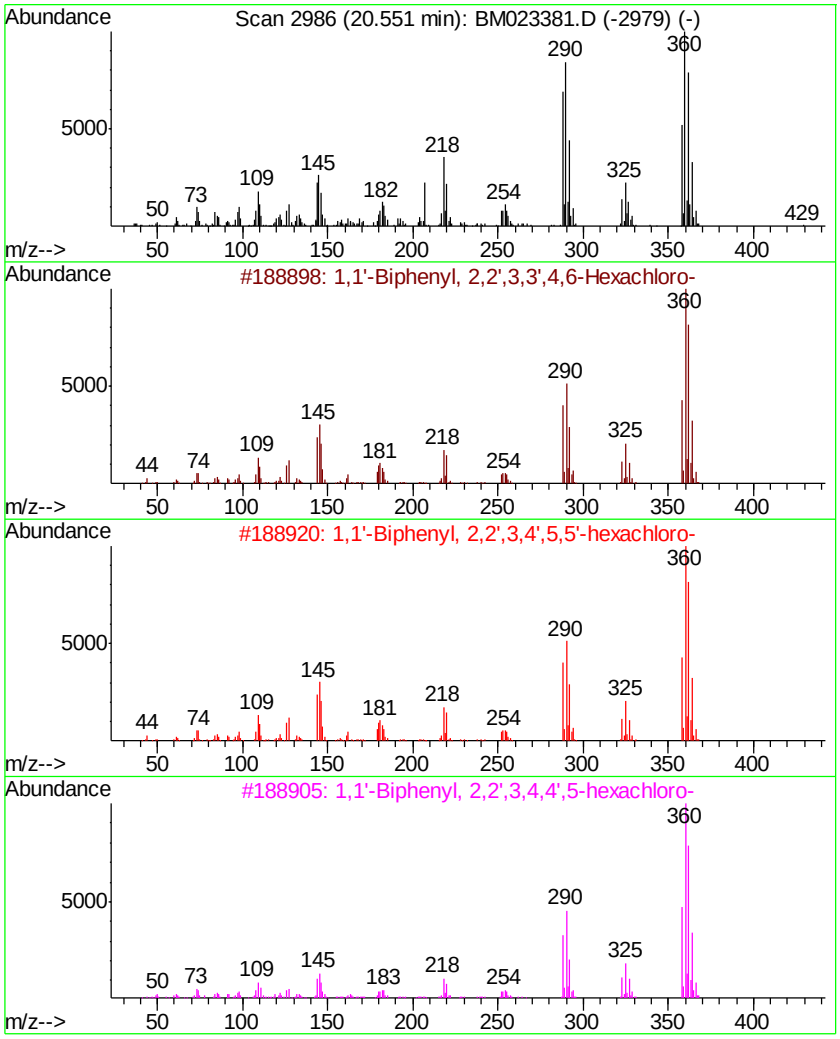
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

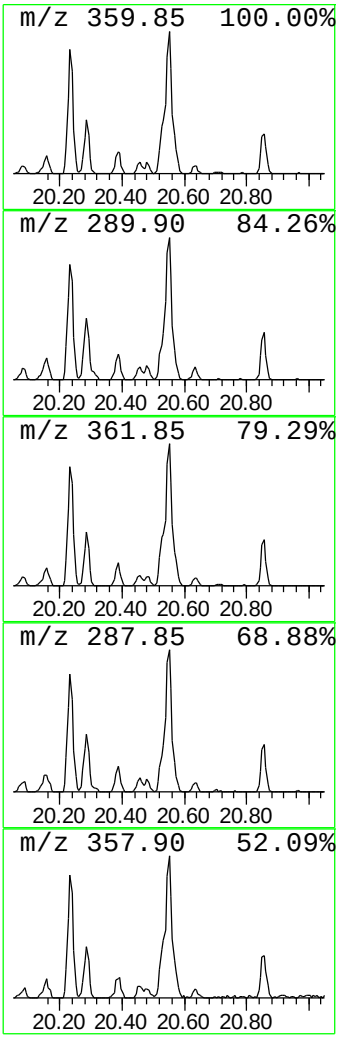
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	3.71 ng/ul	1090560	Chrysene-d12	21.22

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',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102319\
Data File : BM023381.D
Acq On : 24 Oct 2019 16:09
Operator : JU
Sample : K5463-03
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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...	3.08	8.1	ng/ul	1313960	1	7.63	3231070	20.0
2,2',4,6'-Tetrach...	18.10	2.5	ng/ul	707325	4	17.02	5611620	20.0
2,2',3,4',6-Penta...	18.96	3.7	ng/ul	1040880	4	17.02	5611620	20.0
2,3,3',4,5'-Penta...	19.58	2.1	ng/ul	614830	5	21.22	5878960	20.0
2,3,3',4,5-Pentac...	19.69	4.8	ng/ul	1412370	5	21.22	5878960	20.0
1,1'-Biphenyl, 2,...	19.96	2.0	ng/ul	600284	5	21.22	5878960	20.0
2,3,3',4',5,6-Hex...	20.23	2.1	ng/ul	622426	5	21.22	5878960	20.0
1,1'-Biphenyl, 2,...	20.55	3.7	ng/ul	1090560	5	21.22	5878960	20.0