LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023904.D
Acq On : 26 Nov 2019 23:38
Operator : JU
Sample : K5985-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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	4	7	9	rVB	56150	54709	0.88%	0.123%
2	2.964	9	13	19	rVB	1204283	1150279	18.51%	2.577%
3	3.264	62	64	65	rBV	10146	9864	0.16%	0.022%
4	3.287	65	68	73	rVB	76476	88799	1.43%	0.199%
5	3.752	143	147	153	rVB	29981	43360	0.70%	0.097%
6	4.275	234	236	241	rVB6	7129	7153	0.12%	0.016%
7	4.981	353	356	358	rBV4	6210	7051	0.11%	0.016%
8	6.664	640	642	649	rVB5	5204	7674	0.12%	0.017%
9	7.493	777	783	801	rBV	2187207	3513600	56.55%	7.871%
10	7.640	805	808	811	rVB3	6635	8135	0.13%	0.018%
11	9.610	1139	1143	1147	rVB5	4375	7220	0.12%	0.016%
12	9.969	1200	1204	1210	rBV7	9163	17413	0.28%	0.039%
13	10.052	1215	1218	1226	rVB6	8235	18725	0.30%	0.042%
14	10.269	1245	1255	1270	rBV	2158360	3648978	58.72%	8.174%
15	10.410	1275	1279	1287	rVB7	9881	21592	0.35%	0.048%
16	10.534	1293	1300	1304	rBV7	7908	14628	0.24%	0.033%
17	10.687	1321	1326	1329	rVB4	5155	6288	0.10%	0.014%
18	10.740	1329	1335	1343	rVV5	10908	18727	0.30%	0.042%
19	10.963	1366	1373	1377	rBV4	5405	9931	0.16%	0.022%
20	11.034	1379	1385	1388	rBV5	4508	8465	0.14%	0.019%
21	13.257	1757	1763	1767	rBV	65743	95917	1.54%	0.215%
22	14.157	1909	1916	1926	rBV	4204179	6213789	100.00%	13.920%
23	15.675	2170	2174	2179	rBV3	11153	15653	0.25%	0.035%
24	16.698	2344	2348	2352	rBV2	15761	21633	0.35%	0.048%
25	16.910	2377	2384	2397	rBV	4293199	6175049	99.38%	13.833%
26	17.098	2414	2416	2419	rVB4	7430	6312	0.10%	0.014%
27	17.522	2482	2488	2496	rVB6	30435	65467	1.05%	0.147%
28	17.639	2504	2508	2512	rBV7	11205	18299	0.29%	0.041%
29	17.769	2528	2530	2536	rVB6	9364	11982	0.19%	0.027%
30	17.986	2562	2567	2573	rBV	508427	682781	10.99%	1.530%
31	18.051	2573	2578	2582	rVV	117717	162847	2.62%	0.365%
32	18.092	2582	2585	2589	rVB3	26267	32827	0.53%	0.074%
33	18.275	2611	2616	2620	rBV	221203	286880	4.62%	0.643%
34	18.322	2621	2624	2629	rVB6	18744	25907	0.42%	0.058%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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	18.416	2637	2640	2643	rBV5	18271	20391	0.33%	0.046%
36	18.451	2643	2646	2651	rVB	77777	98922	1.59%	0.222%
37	18.557	2661	2664	2666	rVB4	17377	14954	0.24%	0.033%
38	18.710	2686	2690	2695	rBV7	23834	39796	0.64%	0.089%
39	18.769	2696	2700	2703	rVV2	101193	132071	2.13%	0.296%
40	18.845	2703	2713	2721	rVB2	751176	1413663	22.75%	3.167%
41	18.927	2723	2727	2732	rBV	122440	161528	2.60%	0.362%
42	19.057	2744	2749	2756	rBV3	179728	302808	4.87%	0.678%
43	19.133	2756	2762	2768	rVV	1113003	1585876	25.52%	3.553%
44	19.198	2768	2773	2779	rVB	414012	534829	8.61%	1.198%
45	19.322	2791	2794	2798	rBV6	47719	62126	1.00%	0.139%
46	19.392	2802	2806	2812	rVB	310586	393856	6.34%	0.882%
47	19.474	2815	2820	2824	rVB	525071	639906	10.30%	1.434%
48	19.522	2824	2828	2832	rBV	183752	231867	3.73%	0.519%
49	19.580	2832	2838	2844	rVB	1108470	1446357	23.28%	3.240%
50	19.721	2856	2862	2865	rBV2	121660	261486	4.21%	0.586%
51	19.798	2872	2875	2878	rVB4	47590	58991	0.95%	0.132%
52	19.845	2878	2883	2887	rBV2	481423	617186	9.93%	1.383%
53	19.898	2887	2892	2897	rVV	996904	1174851	18.91%	2.632%
54	19.974	2902	2905	2908	rVB3	48844	60586	0.98%	0.136%
55	20.127	2927	2931	2936	rBV	513023	628283	10.11%	1.407%
56	20.174	2936	2939	2942	rVV	268619	369382	5.94%	0.827%
57	20.204	2942	2944	2949	rVB	409098	457813	7.37%	1.026%
58	20.280	2954	2957	2961	rVB4	107004	131342	2.11%	0.294%
59	20.439	2978	2984	2991	rBV	607233	1010284	16.26%	2.263%
60	20.751	3033	3037	3041	rBV4	211846	271938	4.38%	0.609%
61	21.116	3094	3099	3111	rBV	3880394	5216913	83.96%	11.687%
62	23.262	3458	3464	3476	rVB	2685928	4823163	77.62%	10.805%

Sum of corrected areas: 44639102

LSC Report - Integrated Chromatogram

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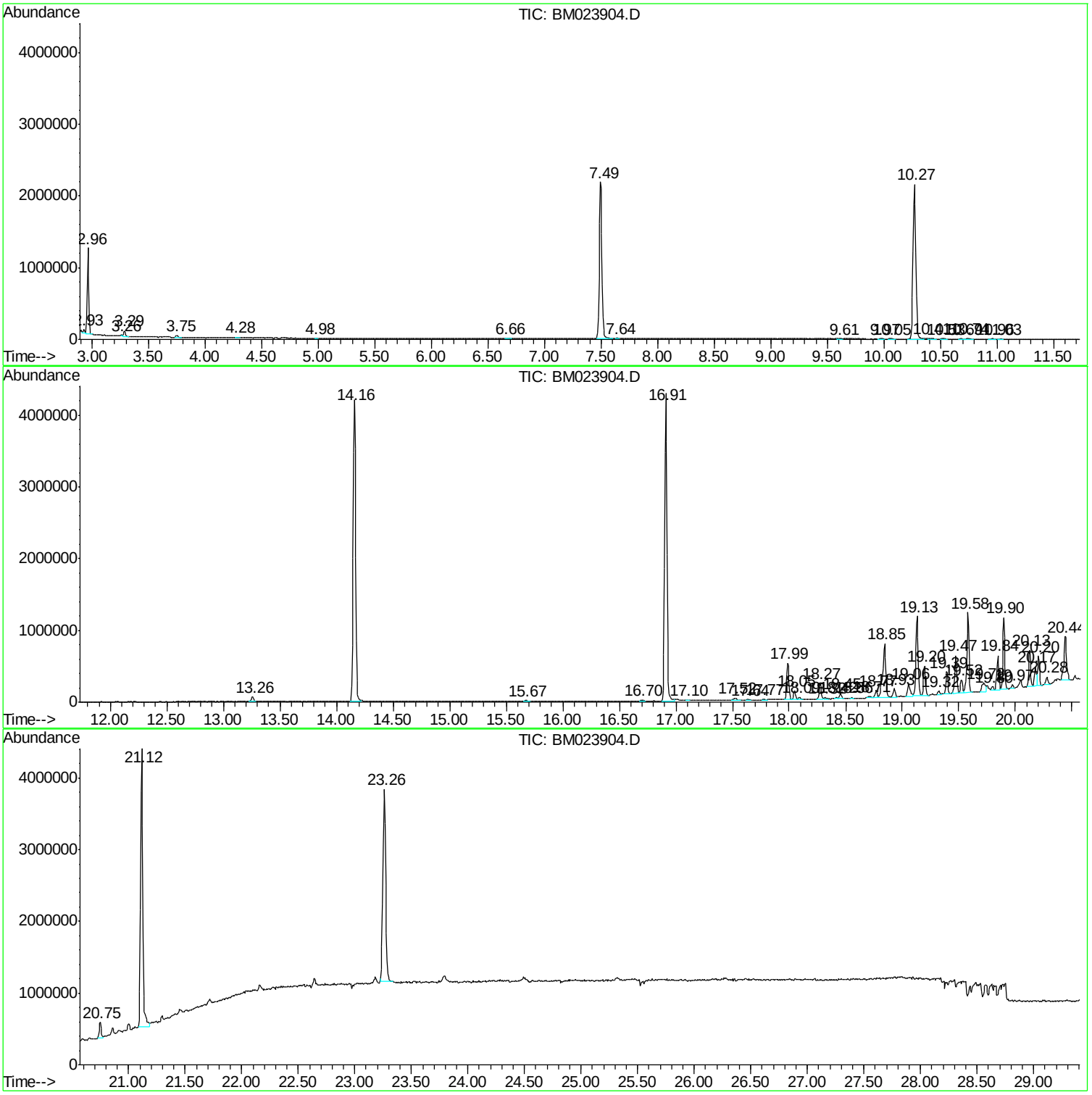
Sample : K5985-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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\
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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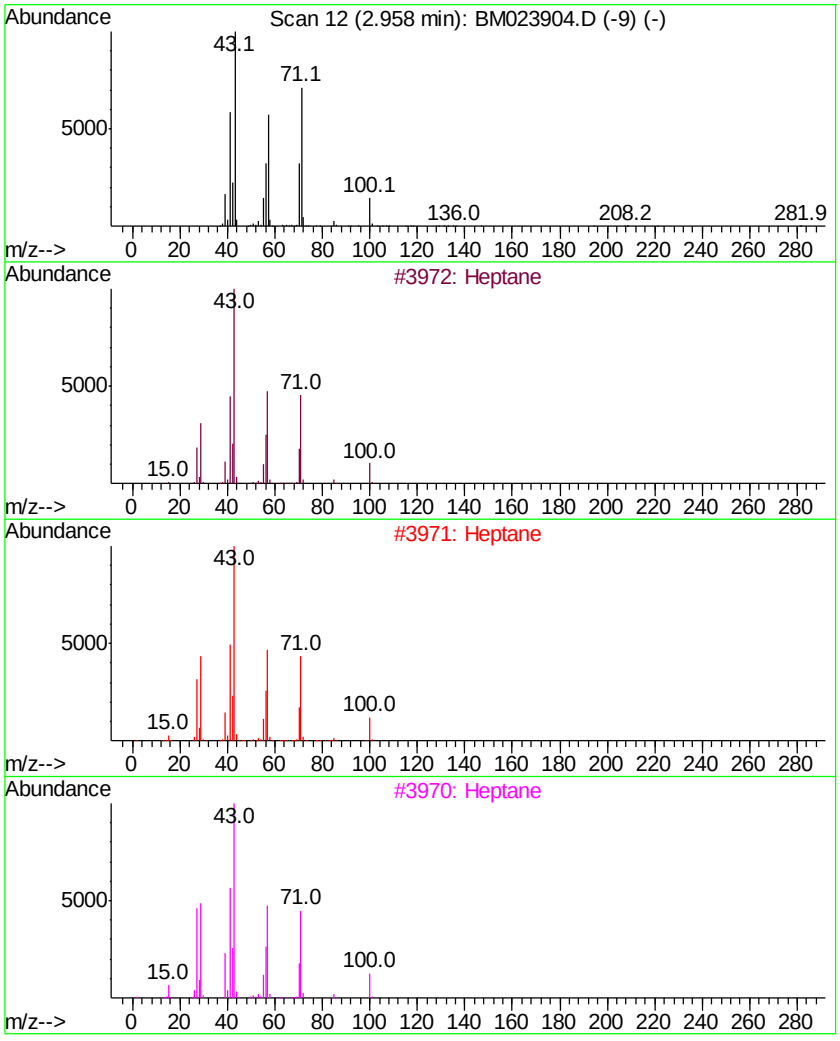
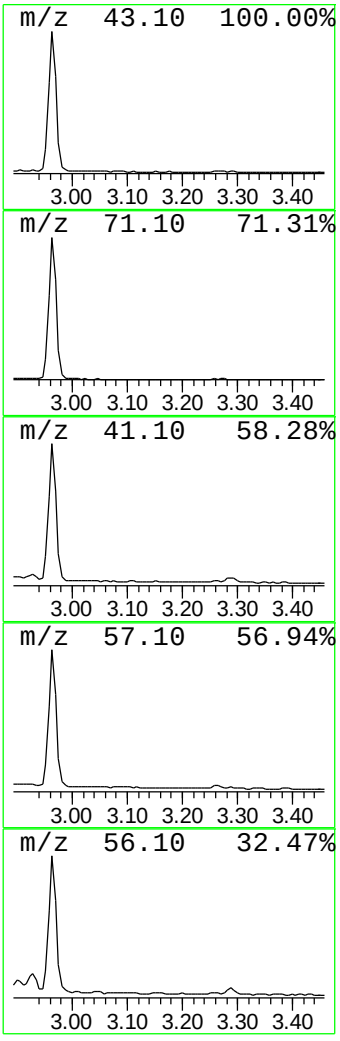
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	6.55 ng/ul	1150280	1,4-Dichlorobenzene-d4	7.49

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	86
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023904.D
Acq On : 26 Nov 2019 23:38
Operator : JU
Sample : K5985-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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

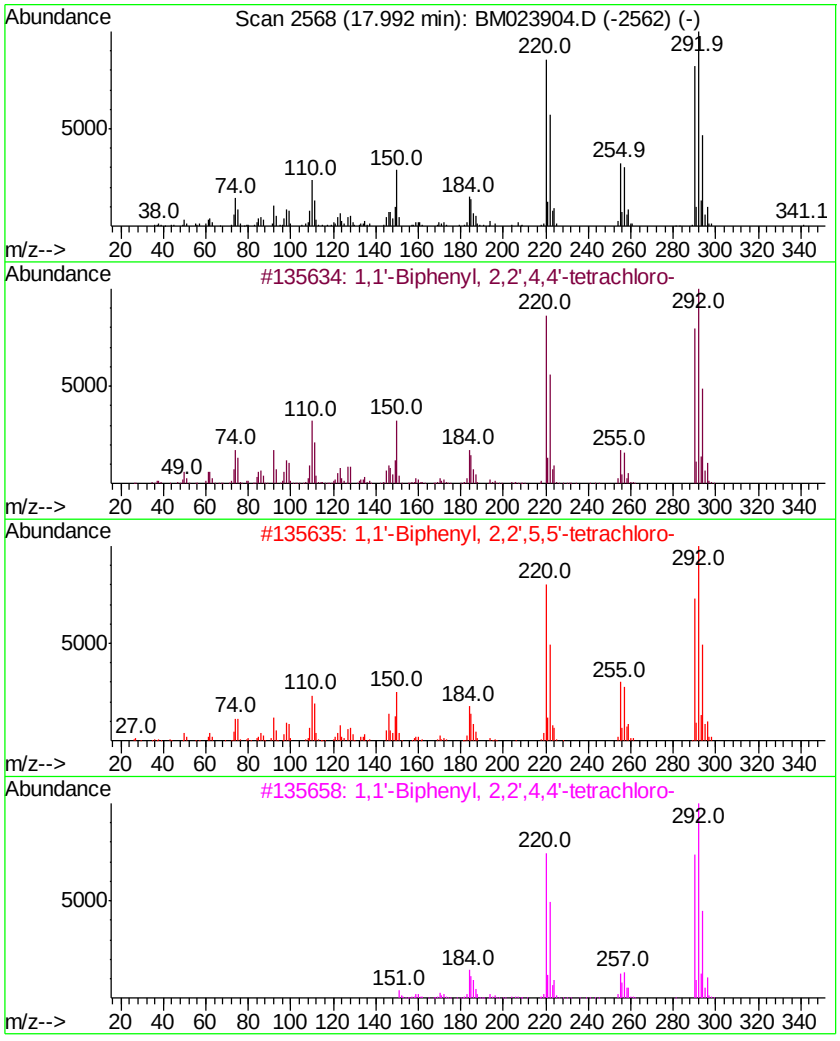
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

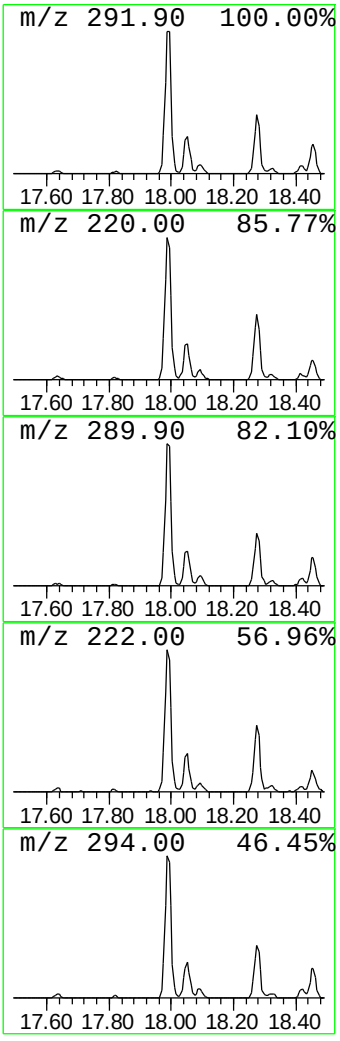
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.21 ng/ul	682781	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	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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
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Acq On : 26 Nov 2019 23:38
Operator : JU
Sample : K5985-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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

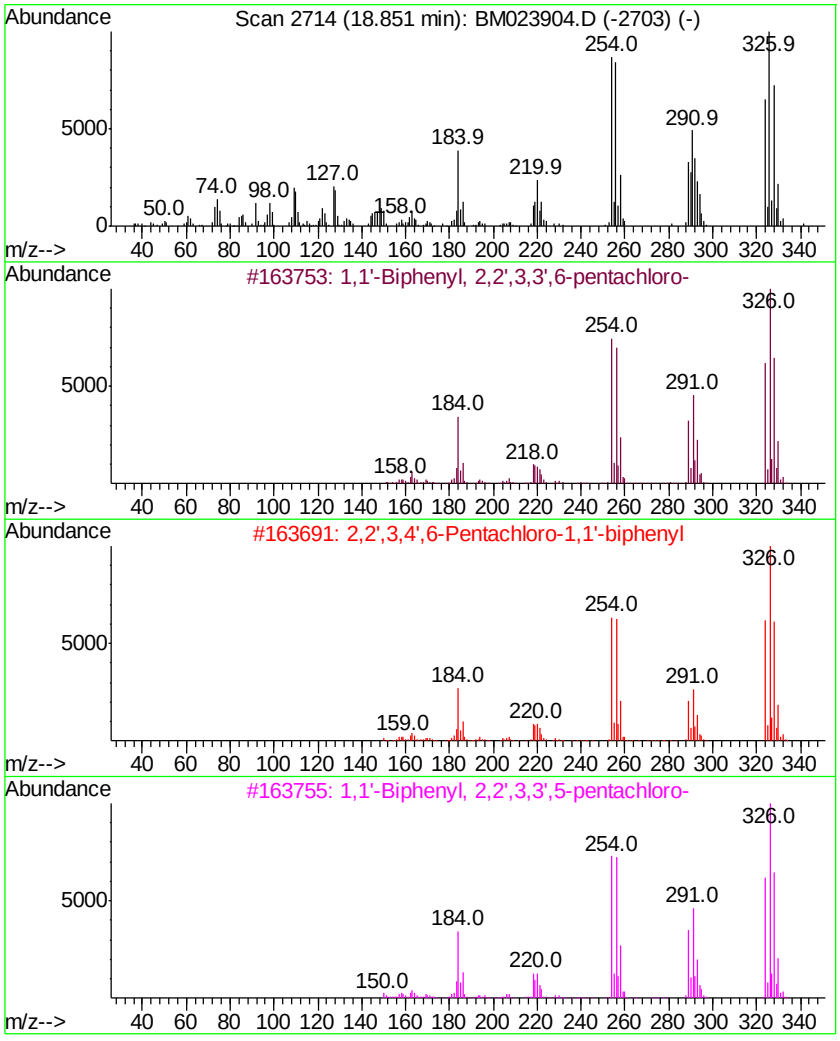
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

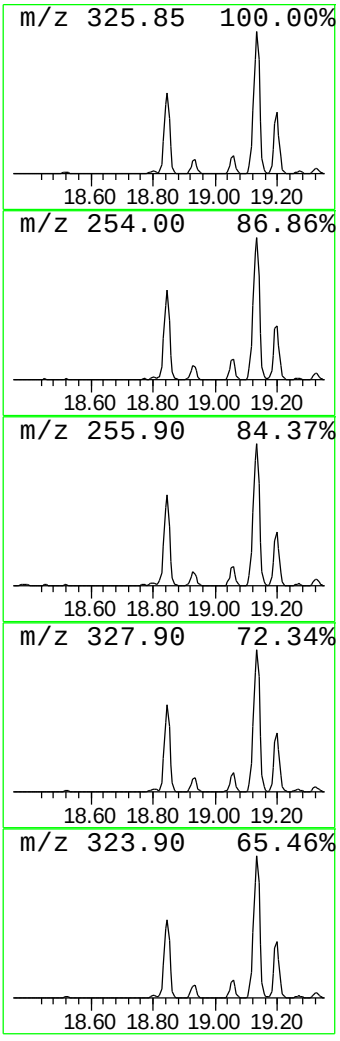
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	4.58 ng/ul	1413660	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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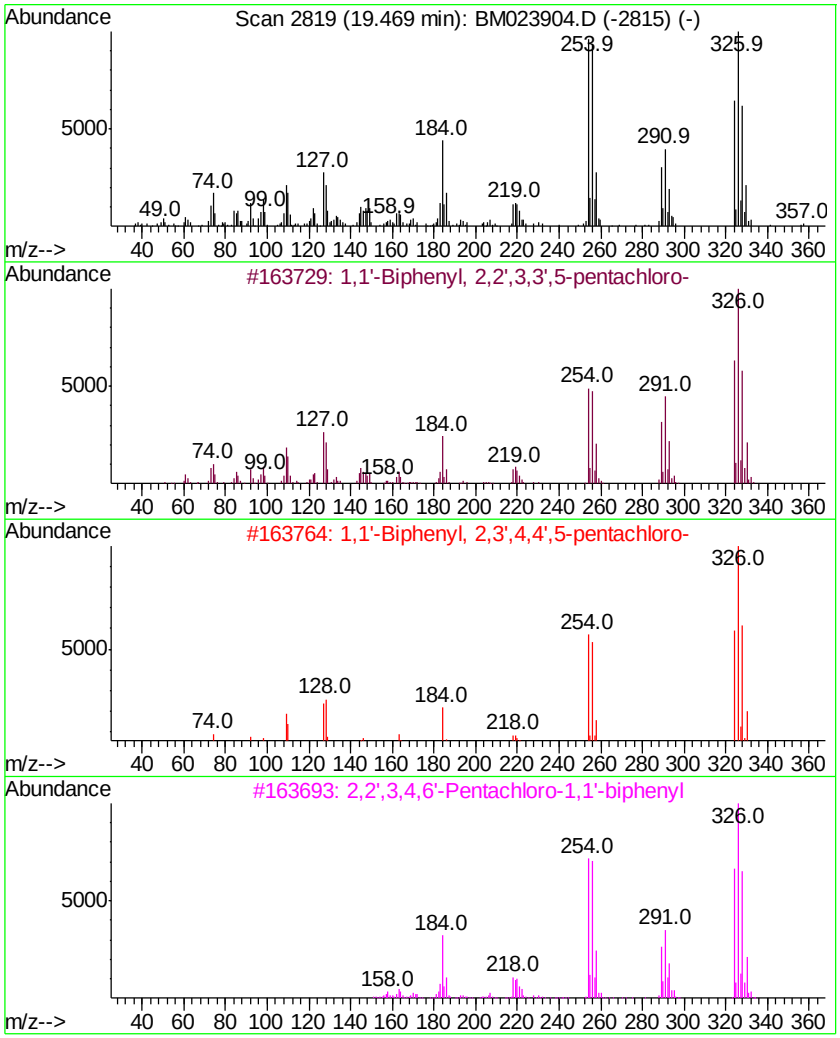
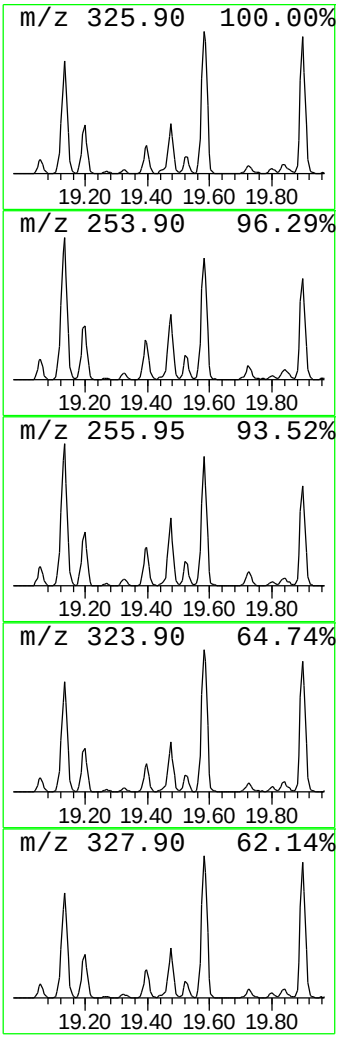
****

Peak Number 6 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	2.45 ng/ul	639906	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, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	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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Quant Title : SVOA CALIBRATION

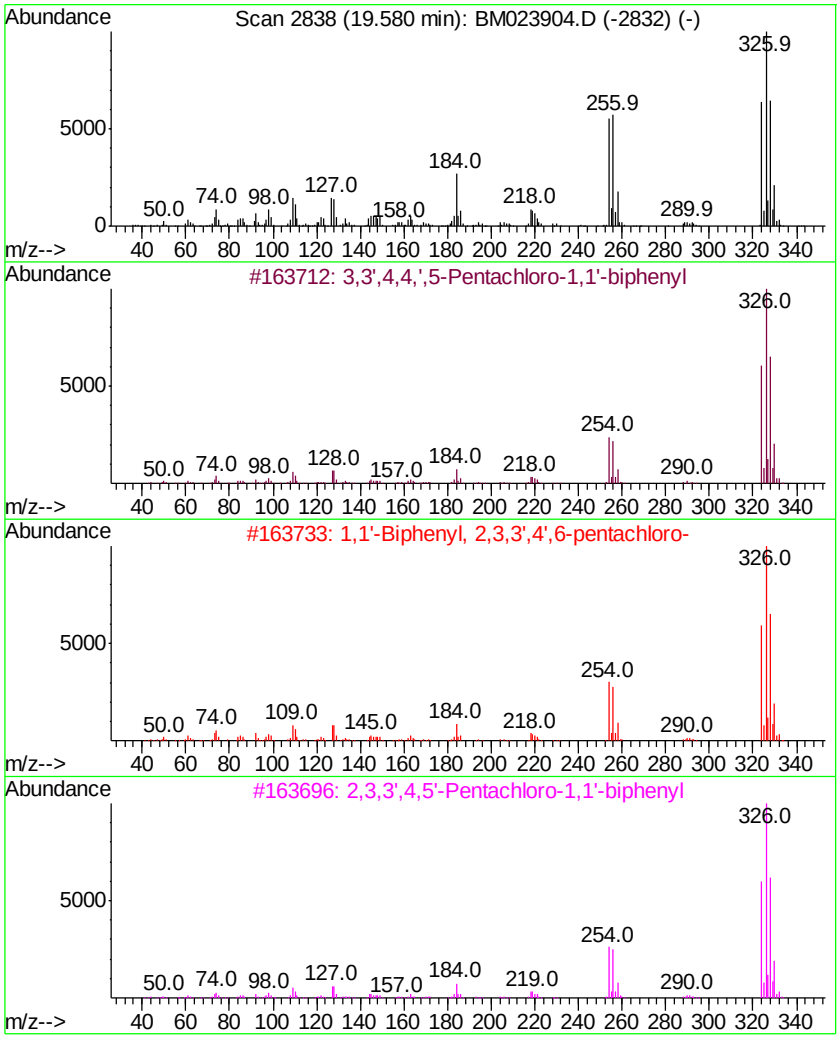
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 7 3,3',4,4',5-Pentachloro-1,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	5.54 ng/ul	1446360	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99



m/z 325.90 100.00%
m/z 327.85 64.64%
m/z 323.90 64.13%
m/z 255.90 56.94%
m/z 254.00 55.25%

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Quant Title : SVOA CALIBRATION

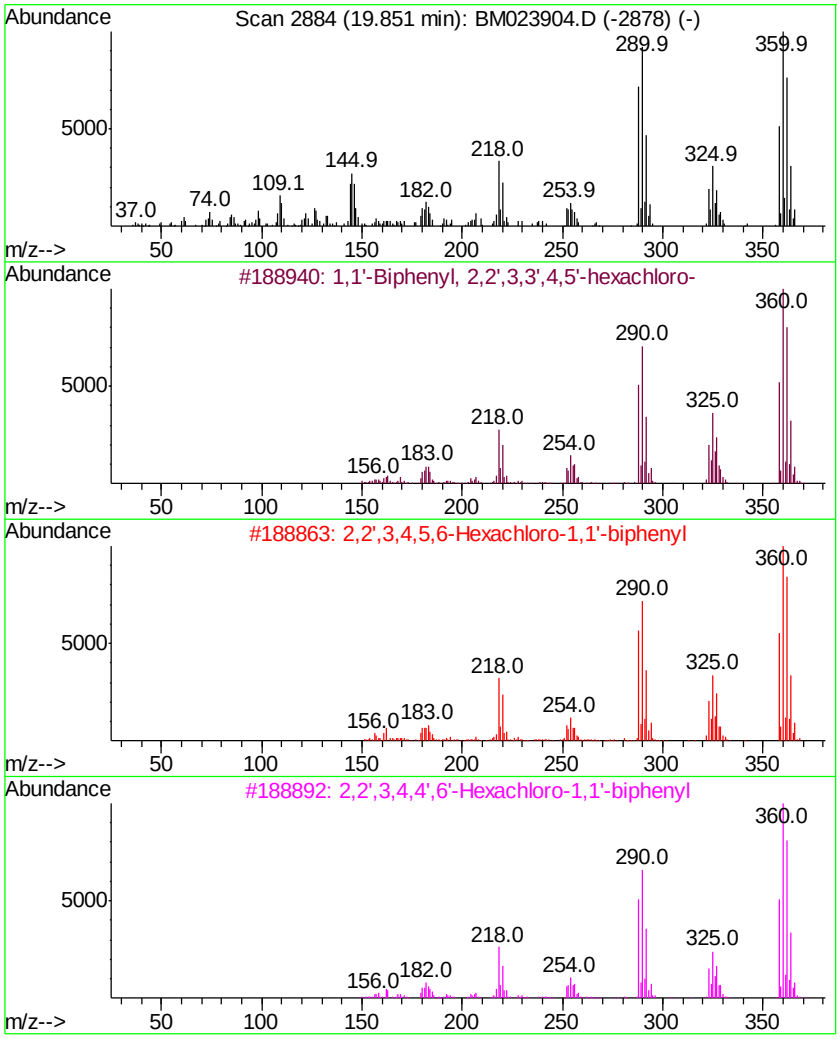
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

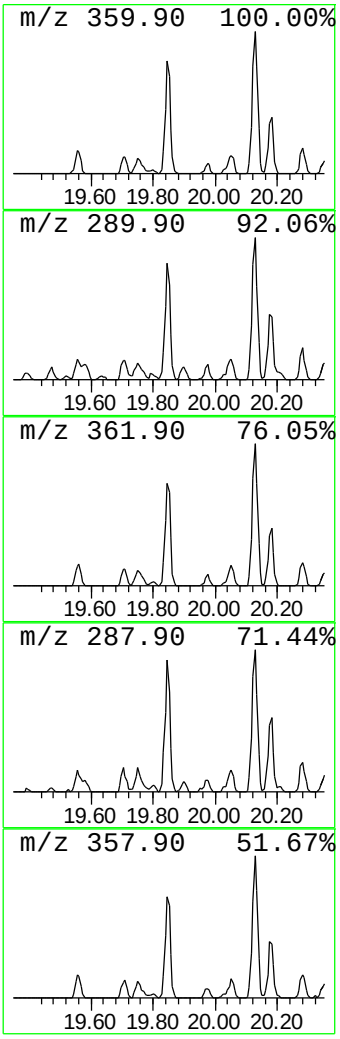
****

Peak Number 8 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	2.37 ng/ul	617186	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
2	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023904.D
Acq On : 26 Nov 2019 23:38
Operator : JU
Sample : K5985-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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

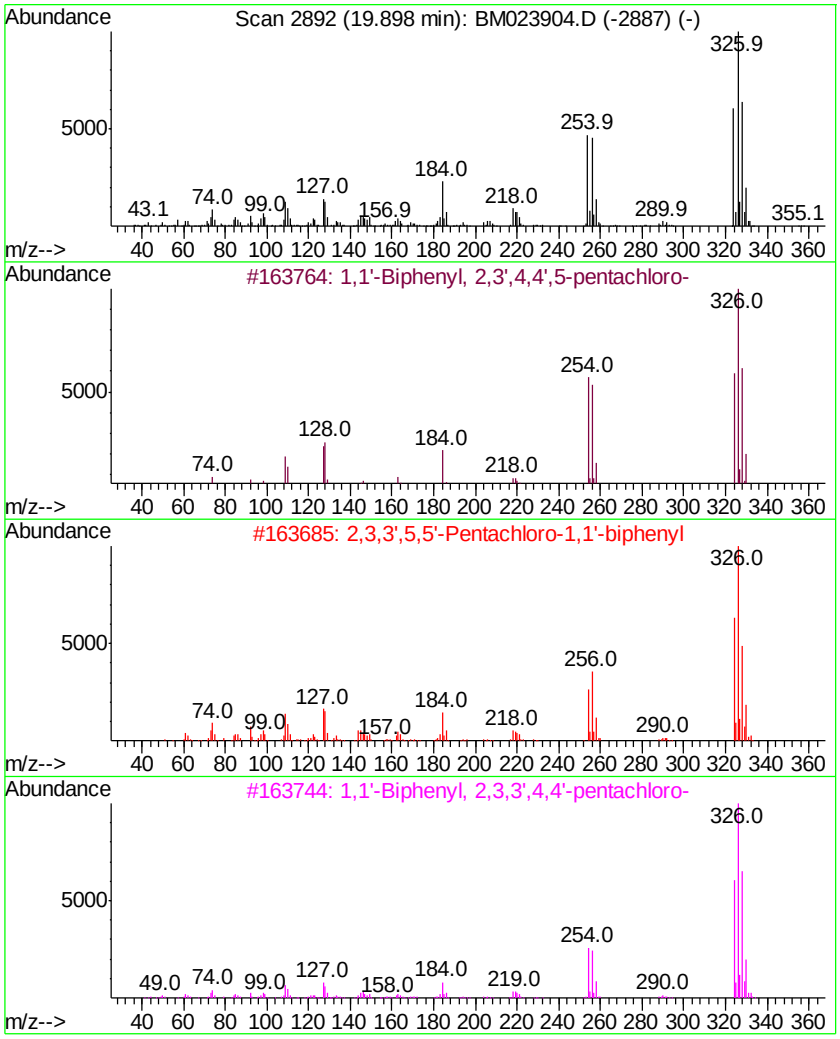
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

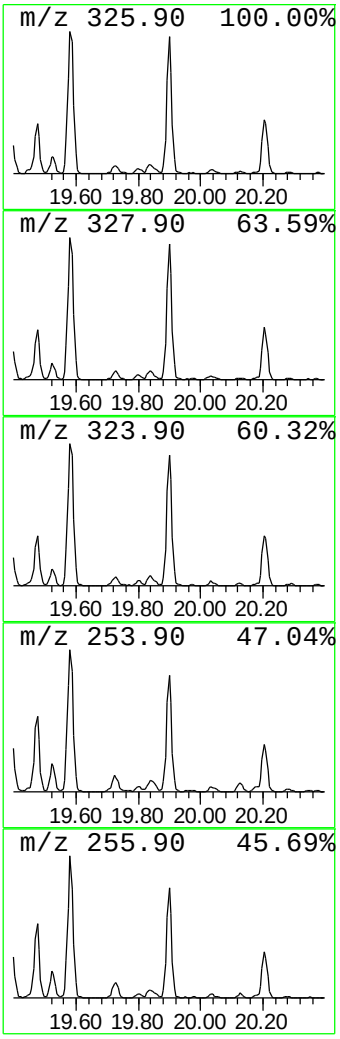
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	4.50 ng/ul	1174850	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	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	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 : BM023904.D
Acq On : 26 Nov 2019 23:38
Operator : JU
Sample : K5985-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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

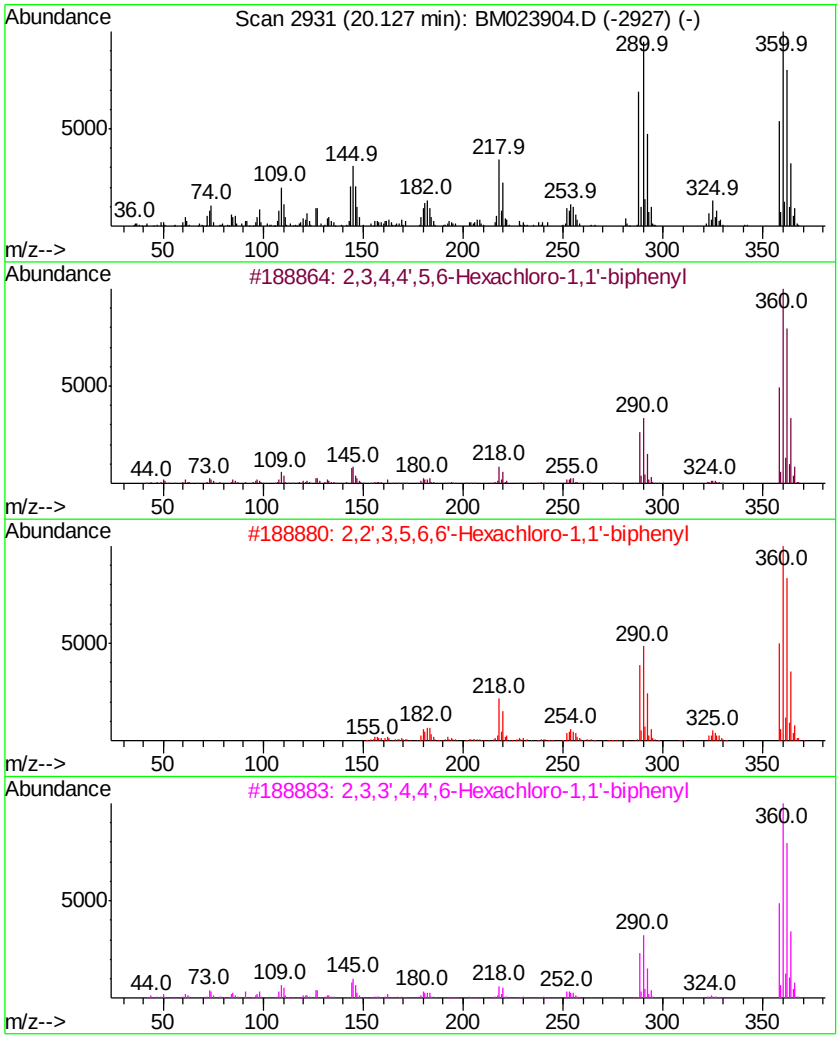
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

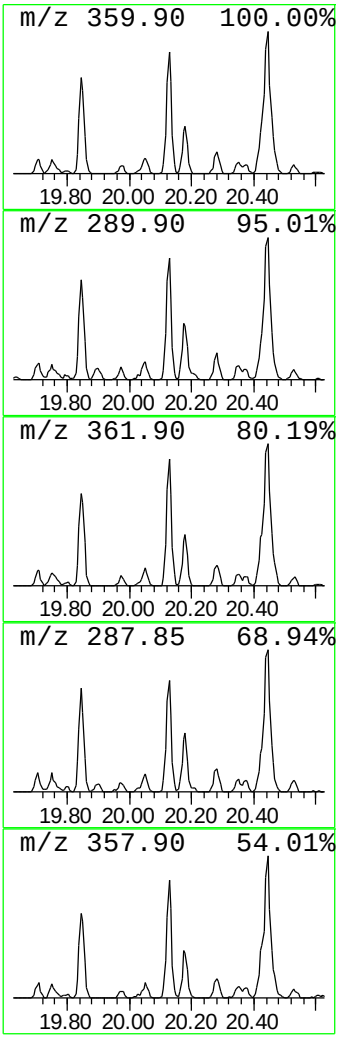
****

Peak Number 10 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	2.41 ng/ul	628283	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023904.D
Acq On : 26 Nov 2019 23:38
Operator : JU
Sample : K5985-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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

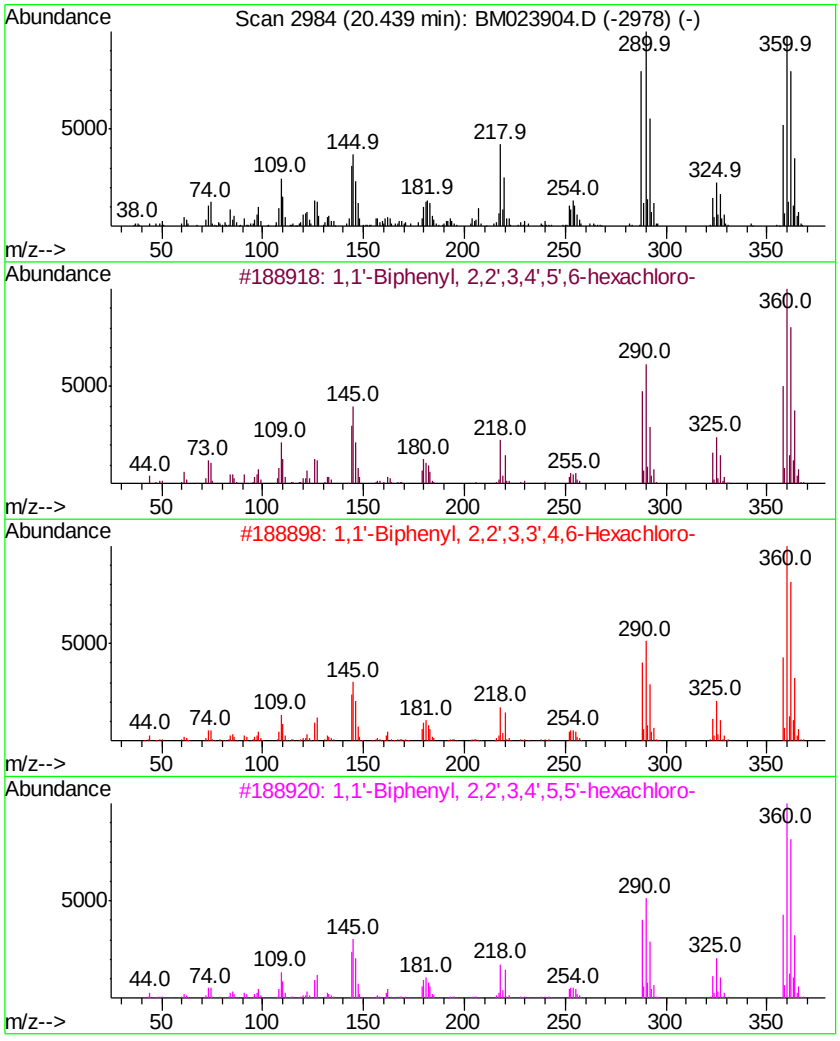
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

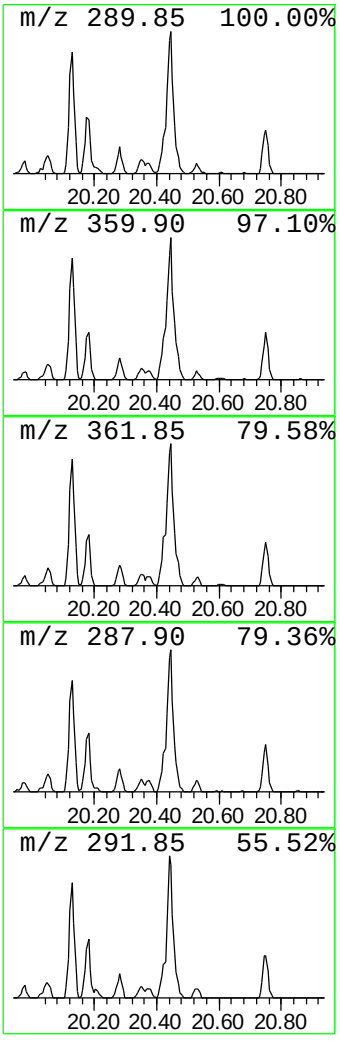
****

Peak Number 11 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.87 ng/ul	1010280	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	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\BM112619\
Data File : BM023904.D
Acq On : 26 Nov 2019 23:38
Operator : JU
Sample : K5985-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

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	6.5	ng/ul	1150280	1	7.49	3513600	20.0
1,1'-Biphenyl, 2,...	17.99	2.2	ng/ul	682781	4	16.91	6175050	20.0
1,1'-Biphenyl, 2,...	18.85	4.6	ng/ul	1413660	4	16.91	6175050	20.0
1,1'-Biphenyl, 2,...	19.47	2.5	ng/ul	639906	5	21.12	5216910	20.0
3,3',4,4',5-Pent...	19.58	5.5	ng/ul	1446360	5	21.12	5216910	20.0
1,1'-Biphenyl, 2,...	19.85	2.4	ng/ul	617186	5	21.12	5216910	20.0
1,1'-Biphenyl, 2,...	19.90	4.5	ng/ul	1174850	5	21.12	5216910	20.0
2,3,4,4',5,6-Hexa...	20.13	2.4	ng/ul	628283	5	21.12	5216910	20.0
1,1'-Biphenyl, 2,...	20.44	3.9	ng/ul	1010280	5	21.12	5216910	20.0