LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

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-BM082219MA.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	3.040	6	9	10	rBV	578	499	0.20%	0.021%
2	3.052	10	11	13	rVV	683	443	0.18%	0.019%
3	3.069	13	14	16	rVV2	656	466	0.19%	0.020%
4	3.116	20	22	23	rBV	783	408	0.16%	0.017%
5	3.134	23	25	26	rBV	923	500	0.20%	0.021%
6	3.152	26	28	32	rVB	656	959	0.39%	0.041%
7	3.187	32	34	36	rBV	488	418	0.17%	0.018%
8	3.205	36	37	38	rVB	777	274	0.11%	0.012%
9	3.216	38	39	40	rBV	746	315	0.13%	0.013%
10	3.228	40	41	44	rVB	389	252	0.10%	0.011%
11	3.281	46	50	53	rBV2	1662	2341	0.94%	0.099%
12	3.316	53	56	59	rVB2	2308	2023	0.82%	0.086%
13	3.346	59	61	62	rBB2	386	251	0.10%	0.011%
14	3.363	62	64	65	rBB2	699	353	0.14%	0.015%
15	3.399	69	70	72	rBB2	647	446	0.18%	0.019%
16	3.575	98	100	101	rBB2	382	255	0.10%	0.011%
17	3.657	113	114	116	rBB2	388	250	0.10%	0.011%
18	3.775	133	134	136	rBB2	399	277	0.11%	0.012%
19	4.152	197	198	202	rBB	677	672	0.27%	0.028%
20	4.363	232	234	236	rBB	669	491	0.20%	0.021%
21	7.504	763	768	784	rBV	64818	136487	55.09%	5.787%
22	10.281	1234	1240	1258	rBV	67901	164347	66.33%	6.969%
23	10.422	1263	1264	1268	rVV	684	957	0.39%	0.041%
24	10.451	1268	1269	1271	rVB	473	287	0.12%	0.012%
25	14.169	1895	1901	1912	rBV2	120668	220378	88.94%	9.345%
26	14.274	1918	1919	1920	rVB2	724	256	0.10%	0.011%
27	16.939	2367	2372	2390	rBV2	122186	225780	91.12%	9.574%
28	17.051	2390	2391	2393	rVV	959	694	0.28%	0.029%
29	17.074	2393	2395	2396	rVV	674	574	0.23%	0.024%
30	17.092	2396	2398	2401	rVV	749	960	0.39%	0.041%
31	17.121	2401	2403	2404	rVB	652	451	0.18%	0.019%
32	17.304	2432	2434	2436	rBB	408	366	0.15%	0.016%
33	17.333	2437	2439	2441	rBB	374	368	0.15%	0.016%
34	17.457	2457	2460	2462	rBB	369	374	0.15%	0.016%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

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-BM082219MA.M
Title : SVOA CALIBRATION

35	17.498	2465	2467	2468	rBB	403	251	0.10%	0.011%
36	17.545	2469	2475	2480	rBB3	6637	9297	3.75%	0.394%
37	17.633	2489	2490	2493	rBB3	372	359	0.14%	0.015%
38	17.668	2494	2496	2497	rBV	435	415	0.17%	0.018%
39	17.692	2497	2500	2502	rVB	403	526	0.21%	0.022%
40	17.715	2502	2504	2505	rBV	376	369	0.15%	0.016%
41	17.798	2515	2518	2521	rVB	1354	1442	0.58%	0.061%
42	17.839	2521	2525	2528	rBV	1559	2055	0.83%	0.087%
43	17.862	2528	2529	2532	rVB	557	418	0.17%	0.018%
44	17.957	2543	2545	2546	rVB	481	302	0.12%	0.013%
45	17.998	2546	2552	2559	rBV	50906	59164	23.88%	2.509%
46	18.057	2559	2562	2567	rVV2	9791	11610	4.69%	0.492%
47	18.098	2567	2569	2573	rVV2	2318	2287	0.92%	0.097%
48	18.286	2594	2601	2605	rBV	20125	22523	9.09%	0.955%
49	18.339	2605	2610	2614	rVB2	1008	1033	0.42%	0.044%
50	18.427	2623	2625	2628	rVB2	2234	1871	0.76%	0.079%
51	18.468	2628	2632	2635	rVB2	5924	7138	2.88%	0.303%
52	18.568	2647	2649	2651	rBV	717	506	0.20%	0.021%
53	18.598	2653	2654	2658	rVB	258	291	0.12%	0.012%
54	18.674	2666	2667	2669	rVB	516	250	0.10%	0.011%
55	18.739	2676	2678	2680	rVB	332	313	0.13%	0.013%
56	18.780	2680	2685	2690	rBV3	7185	9014	3.64%	0.382%
57	18.845	2690	2696	2707	rVB2	69959	118717	47.91%	5.034%
58	18.939	2707	2712	2714	rBV3	5819	6646	2.68%	0.282%
59	18.956	2714	2715	2719	rVB	563	481	0.19%	0.020%
60	18.998	2719	2722	2724	rVB	765	823	0.33%	0.035%
61	19.033	2724	2728	2729	rBV	1290	916	0.37%	0.039%
62	19.056	2729	2732	2735	rBV	8290	9136	3.69%	0.387%
63	19.086	2735	2737	2740	rVV	3860	3937	1.59%	0.167%
64	19.133	2740	2745	2750	rVB	120931	146028	58.94%	6.192%
65	19.198	2752	2756	2760	rBV	35087	42363	17.10%	1.796%
66	19.245	2762	2764	2765	rVB	676	363	0.15%	0.015%
67	19.256	2765	2766	2767	rBV	554	339	0.14%	0.014%
68	19.274	2767	2769	2770	rVB2	800	482	0.19%	0.020%
69	19.292	2770	2772	2773	rBV2	436	383	0.15%	0.016%
70	19.333	2776	2779	2782	rBV3	2140	1700	0.69%	0.072%
71	19.398	2786	2790	2794	rBV3	25656	27629	11.15%	1.172%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

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-BM082219MA.M
Title : SVOA CALIBRATION

72	19.439	2794	2797	2799	rVB2	869	886	0.36%	0.038%
73	19.480	2801	2804	2810	rVB2	48910	51193	20.66%	2.171%
74	19.533	2810	2813	2816	rBV3	12830	13639	5.50%	0.578%
75	19.592	2818	2823	2828	rVB	117899	133979	54.07%	5.681%
76	19.651	2829	2833	2834	rBV	1391	1345	0.54%	0.057%
77	19.703	2839	2842	2845	rBV2	2291	2859	1.15%	0.121%
78	19.733	2845	2847	2853	rVV4	6409	8089	3.26%	0.343%
79	19.809	2858	2860	2862	rBV2	1384	1155	0.47%	0.049%
80	19.851	2862	2867	2871	rBV3	41290	46110	18.61%	1.955%
81	19.909	2873	2877	2882	rBV	103341	115362	46.56%	4.892%
82	19.956	2882	2885	2886	rBV2	855	904	0.36%	0.038%
83	19.974	2886	2888	2892	rVB4	2318	2339	0.94%	0.099%
84	20.015	2893	2895	2897	rBV2	1228	1079	0.44%	0.046%
85	20.051	2898	2901	2903	rBV3	4789	4257	1.72%	0.181%
86	20.127	2910	2914	2918	rBV2	50055	53522	21.60%	2.269%
87	20.180	2920	2923	2926	rBV	19833	20838	8.41%	0.884%
88	20.221	2926	2930	2934	rVV2	40283	44829	18.09%	1.901%
89	20.268	2937	2938	2939	rVV	2108	1002	0.40%	0.042%
90	20.286	2939	2941	2945	rVB4	6819	6883	2.78%	0.292%
91	20.350	2951	2952	2955	rBV3	1976	1727	0.70%	0.073%
92	20.450	2961	2969	2975	rBV	74213	99717	40.25%	4.228%
93	20.762	3019	3022	3026	rVB4	16162	17504	7.06%	0.742%
94	21.009	3062	3064	3069	rBV4	5817	5896	2.38%	0.250%
95	21.156	3084	3089	3101	rBV	152045	247774	100.00%	10.506%
96	21.374	3124	3126	3130	rBV3	12746	16179	6.53%	0.686%
97	23.339	3454	3460	3468	rBV2	94250	203707	82.21%	8.638%

Sum of corrected areas: 2358323

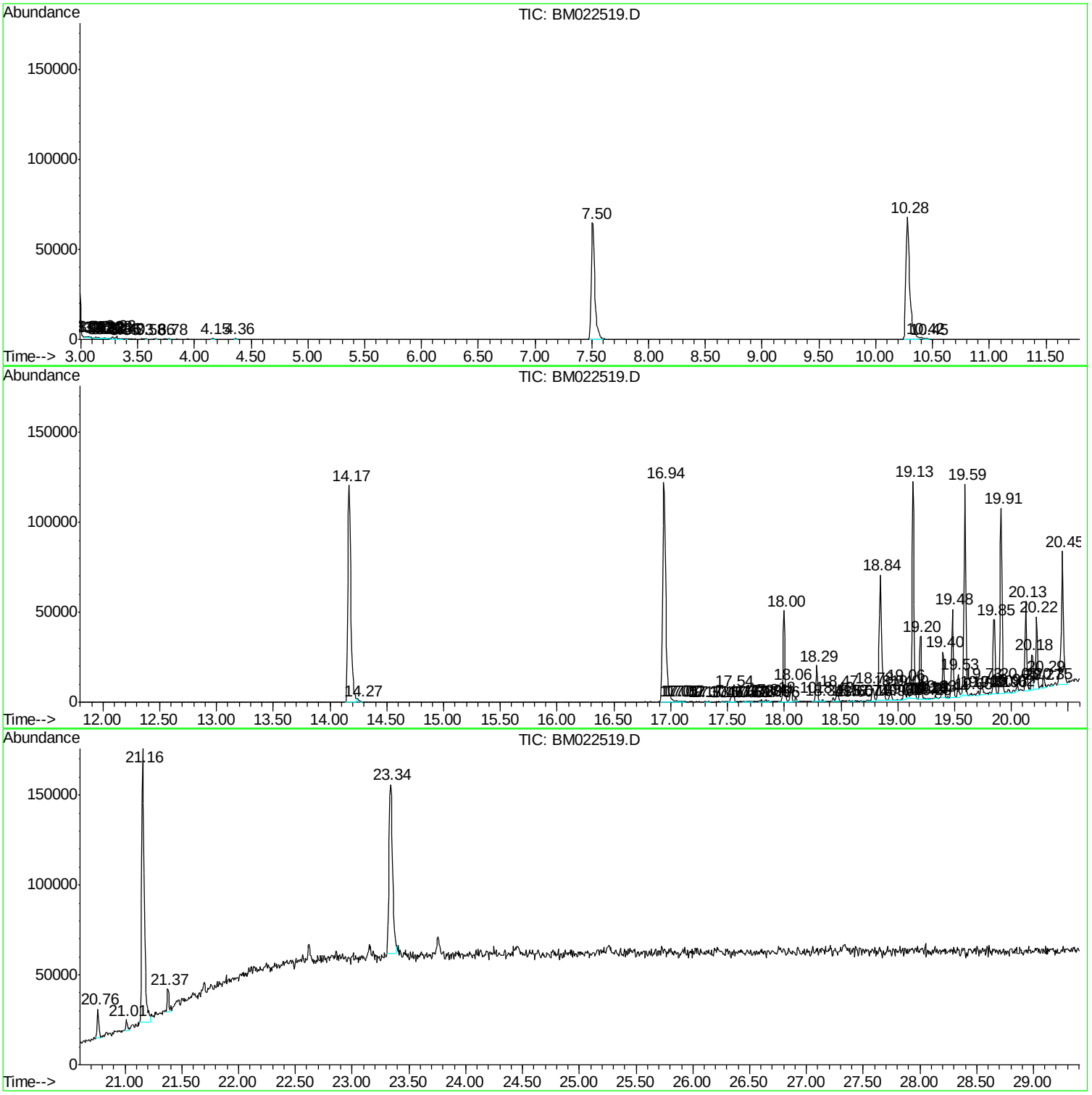
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

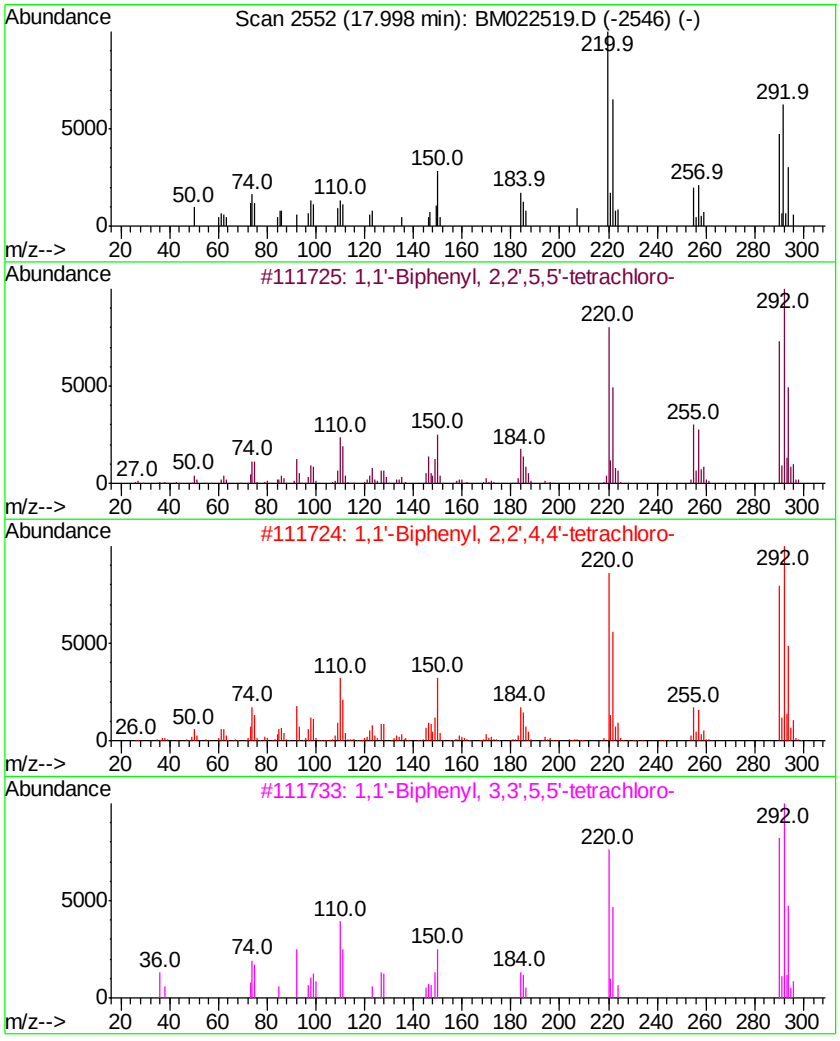
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

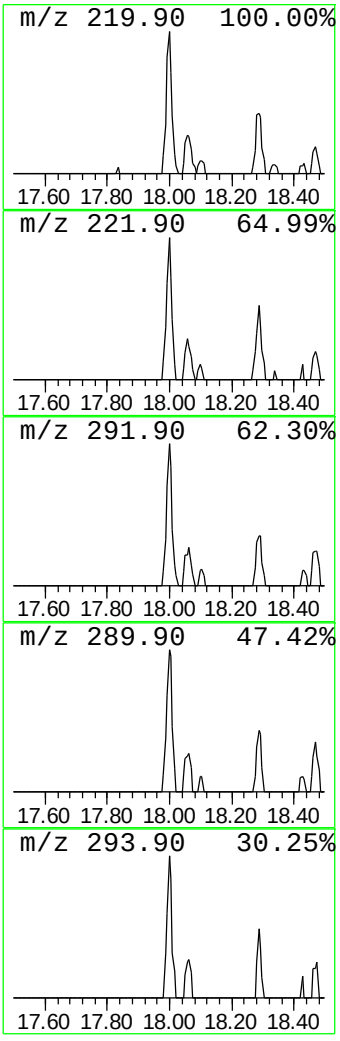
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	5.24 ng/ul	59164	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	98
4	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	97
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

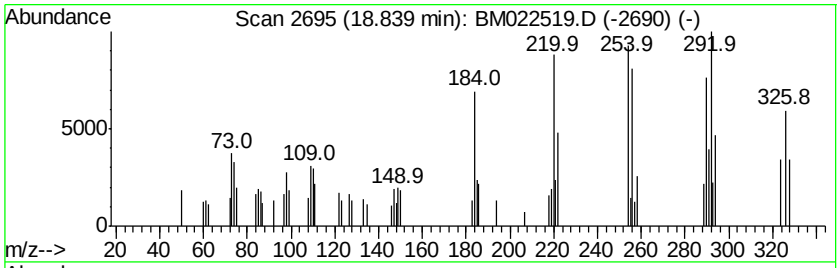
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

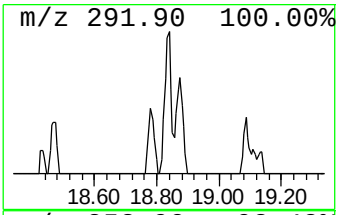
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

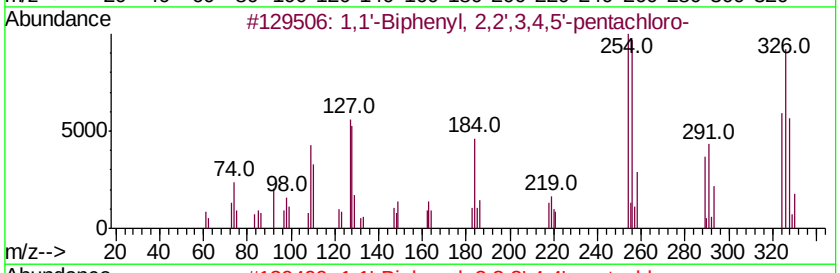
****
Peak Number 2 1,1'-Biphenyl, 2,2',3,4,5'-... Concentration Rank 3

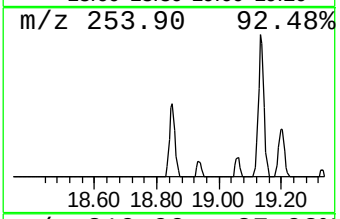
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	10.52 ng/ul	118717	Phenanthrene-d10	16.94

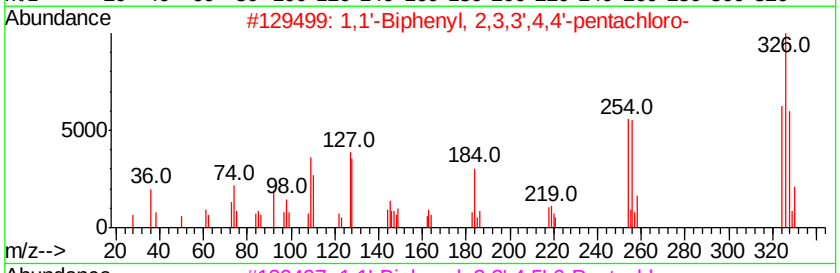
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	94
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	94
3	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	94
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	94
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	93

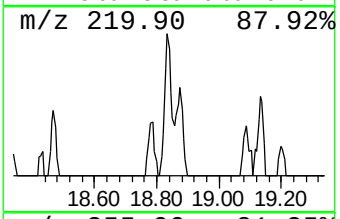


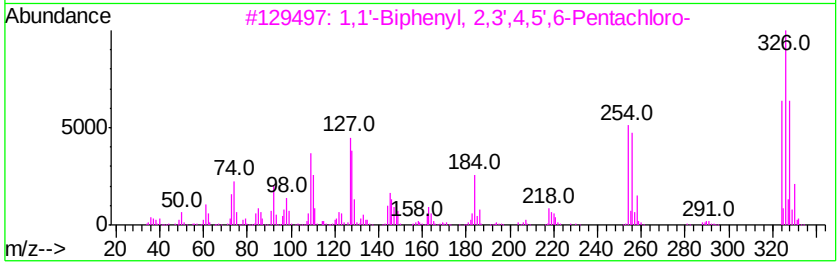


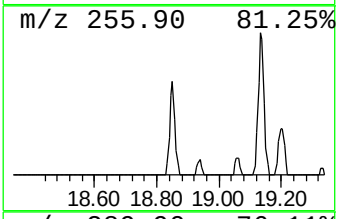


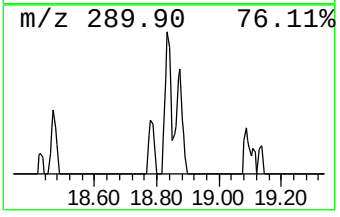












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

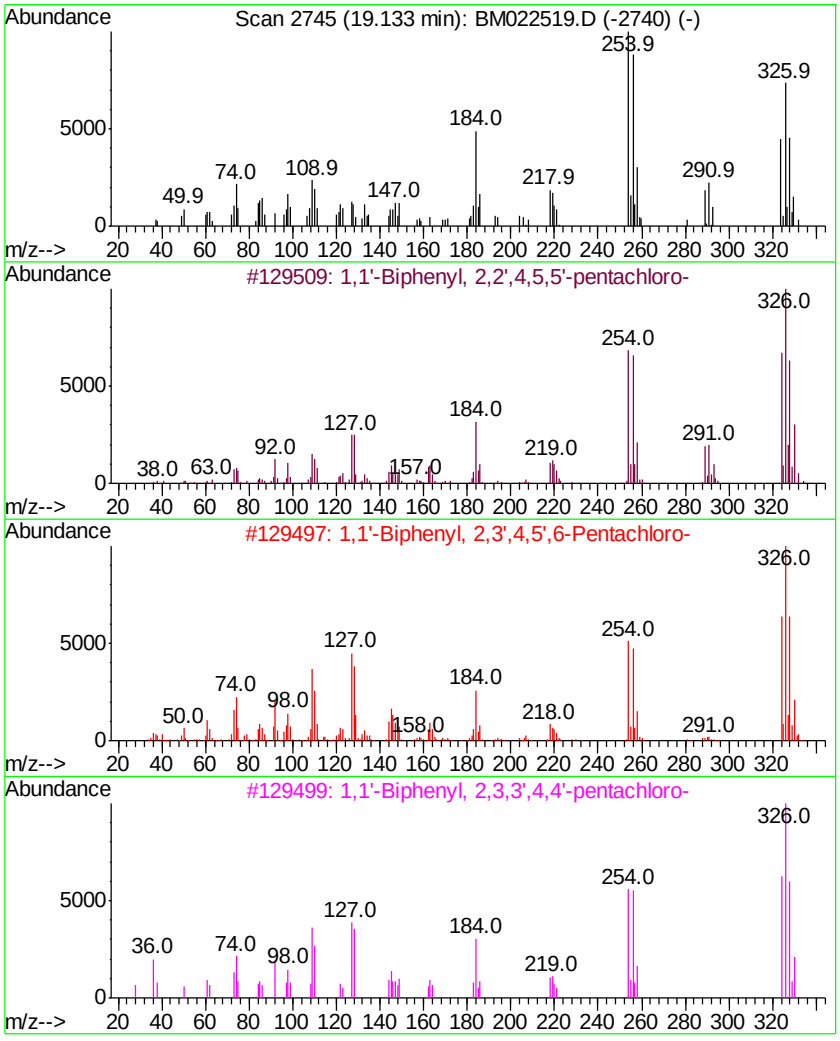
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

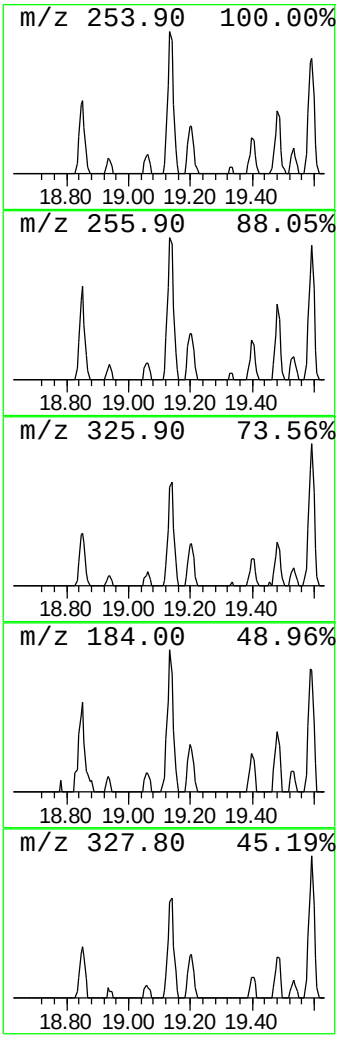
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	11.79 ng/ul	146028	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
2	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
4	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	95
5	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

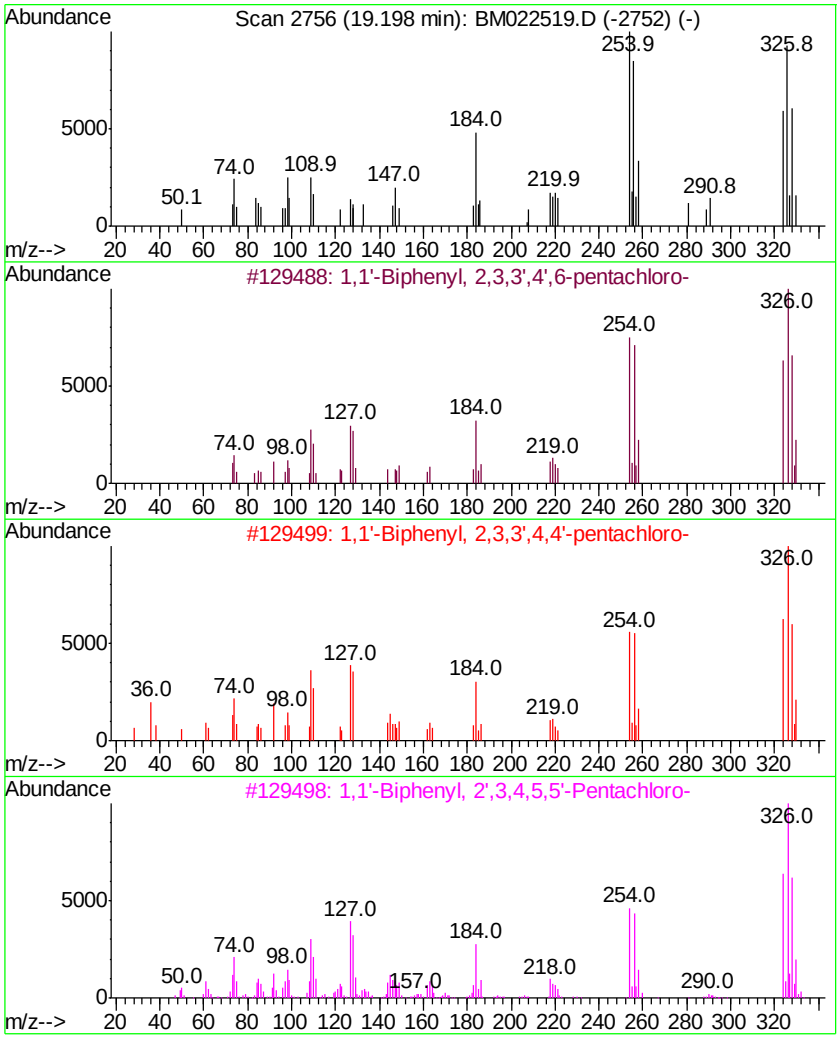
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

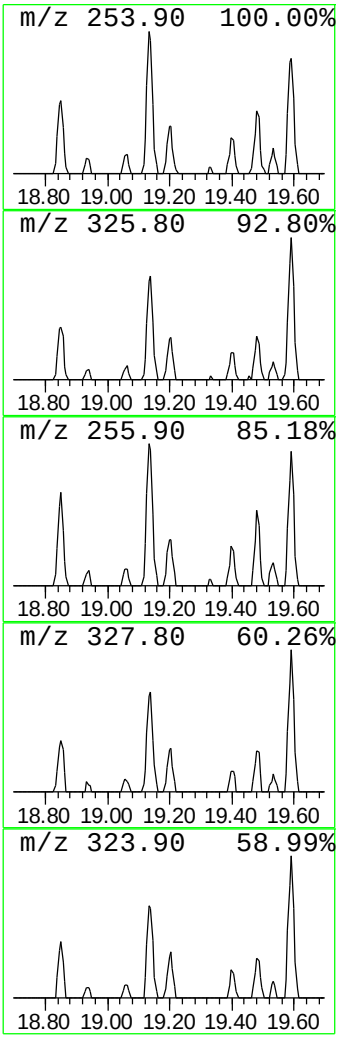
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	3.42 ng/ul	42363	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	94
4	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	94
5	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

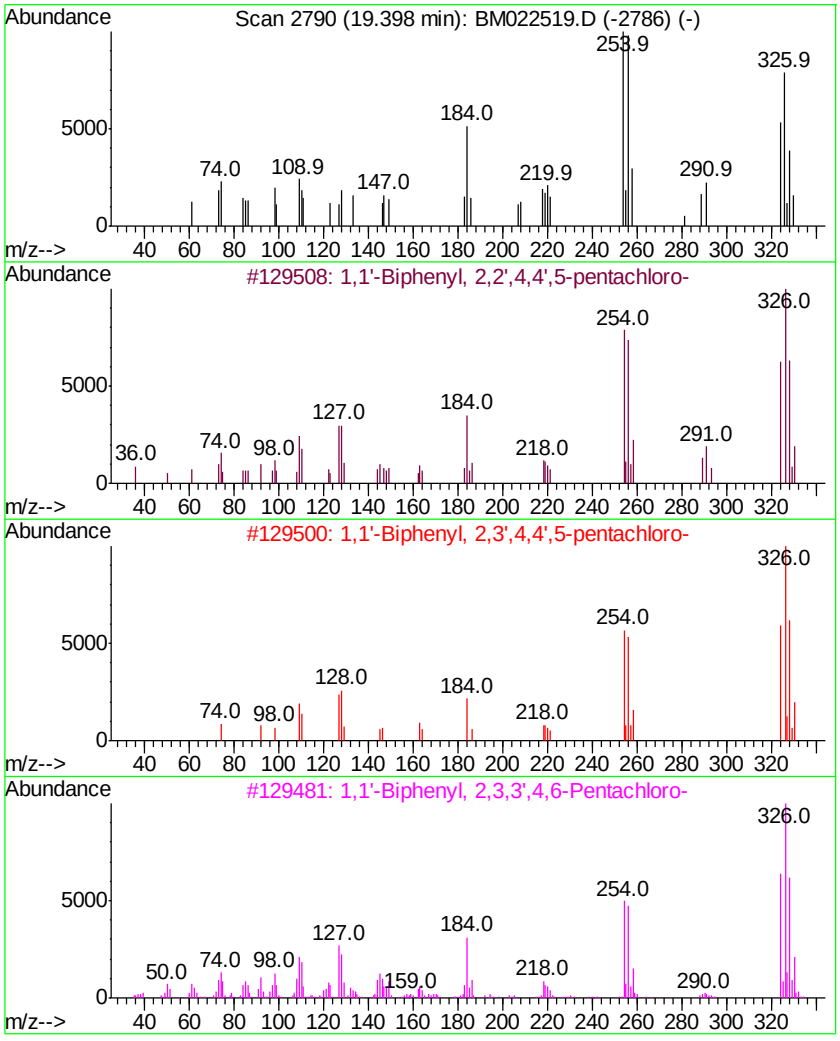
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

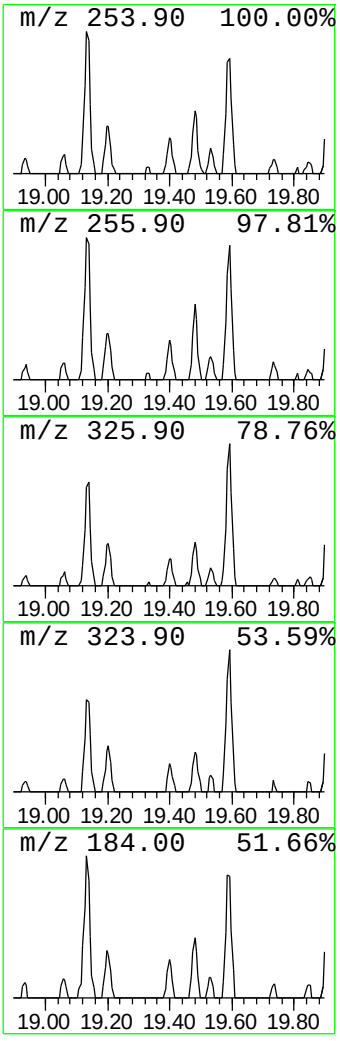
****

Peak Number 5 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	2.23 ng/ul	27629	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	93
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	93
4	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	93
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

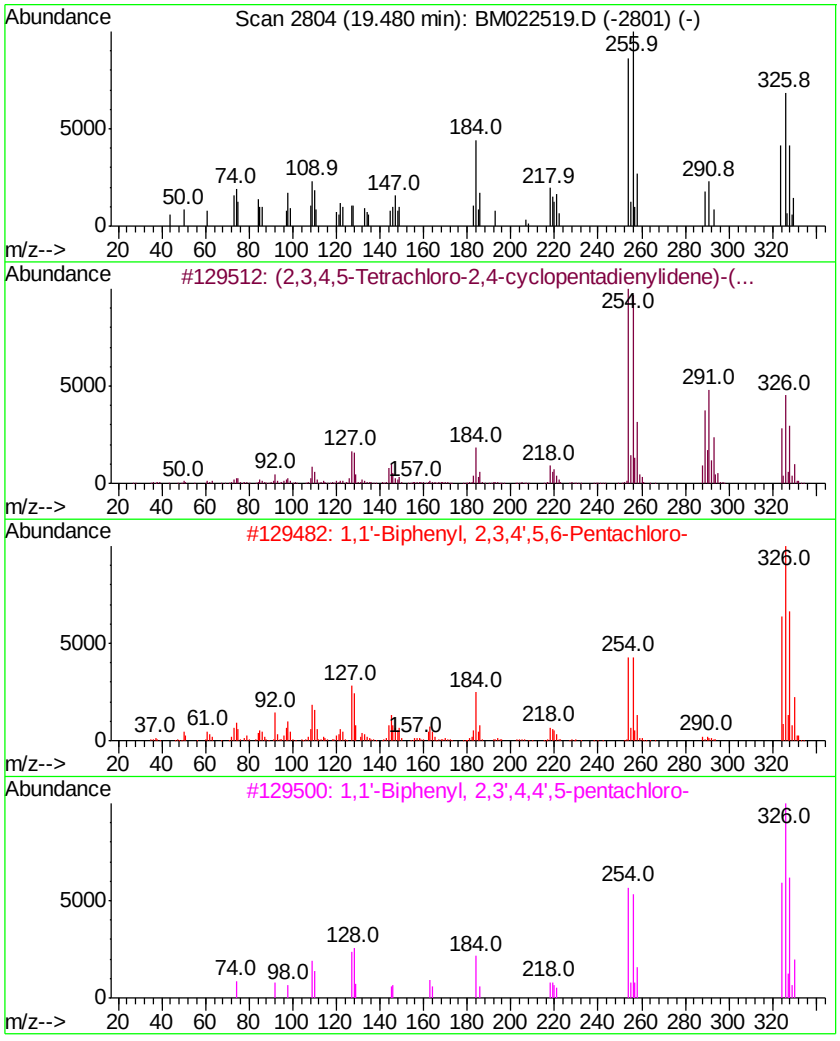
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

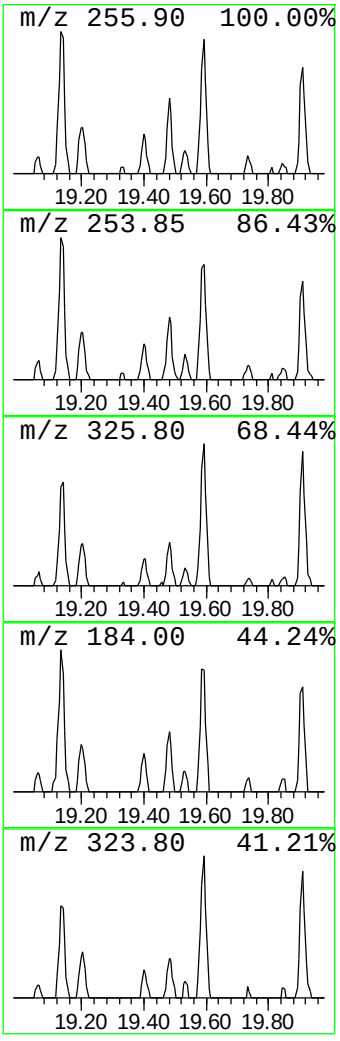
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (2,3,4,5-Tetrachloro-2,4-cy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	4.13 ng/ul	51193	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	93
2	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	93
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	93
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	93
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	93





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Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

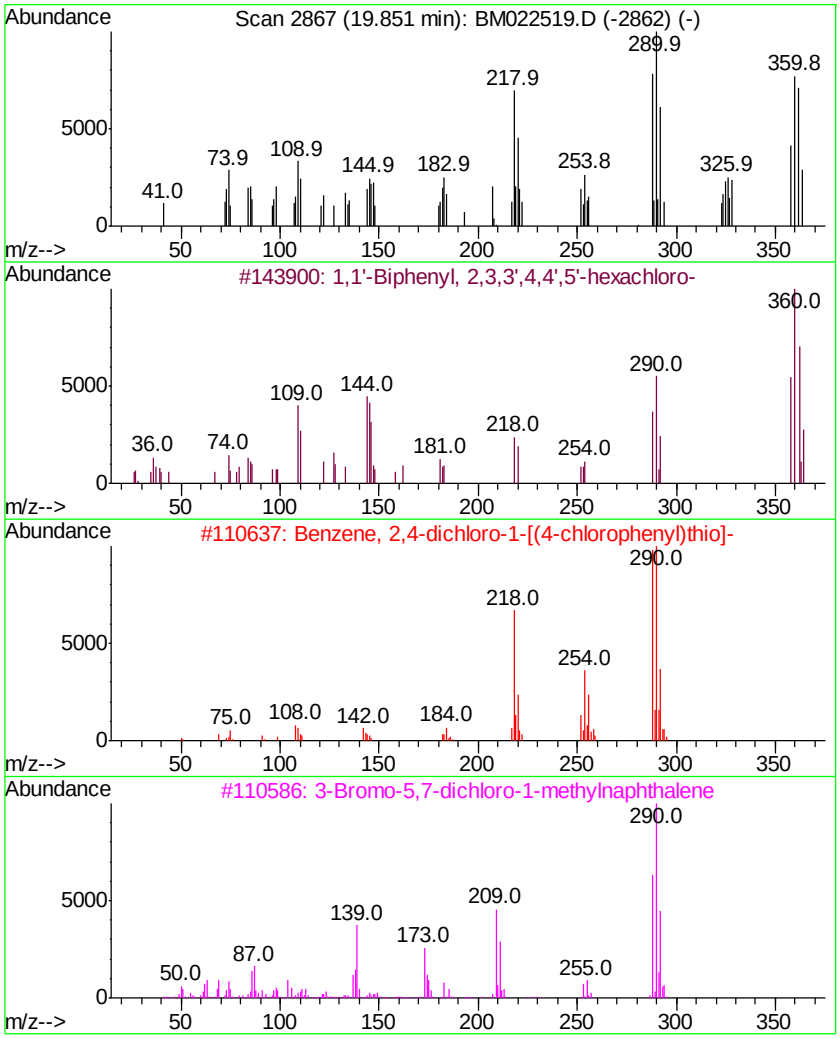
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

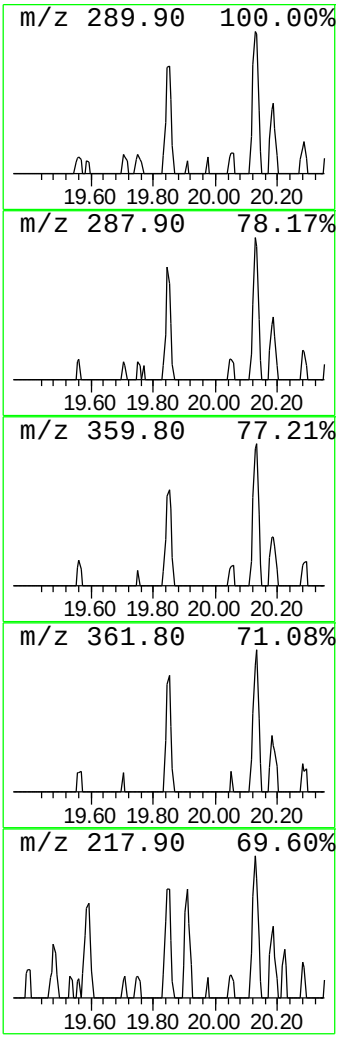
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	3.72 ng/ul	46110	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	43
2	Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	42
3	3-Bromo-5,7-dichloro-1-methylnap...	288	C11H7BrCl2	055058-84-9	42
4	1-(p-Aminophenyl)-2,3,5-trichlor...	288	C11H7Cl3N2O	1000244-68-6	30
5	Penclomedine	323	C8H6Cl5NO2	108030-77-9	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

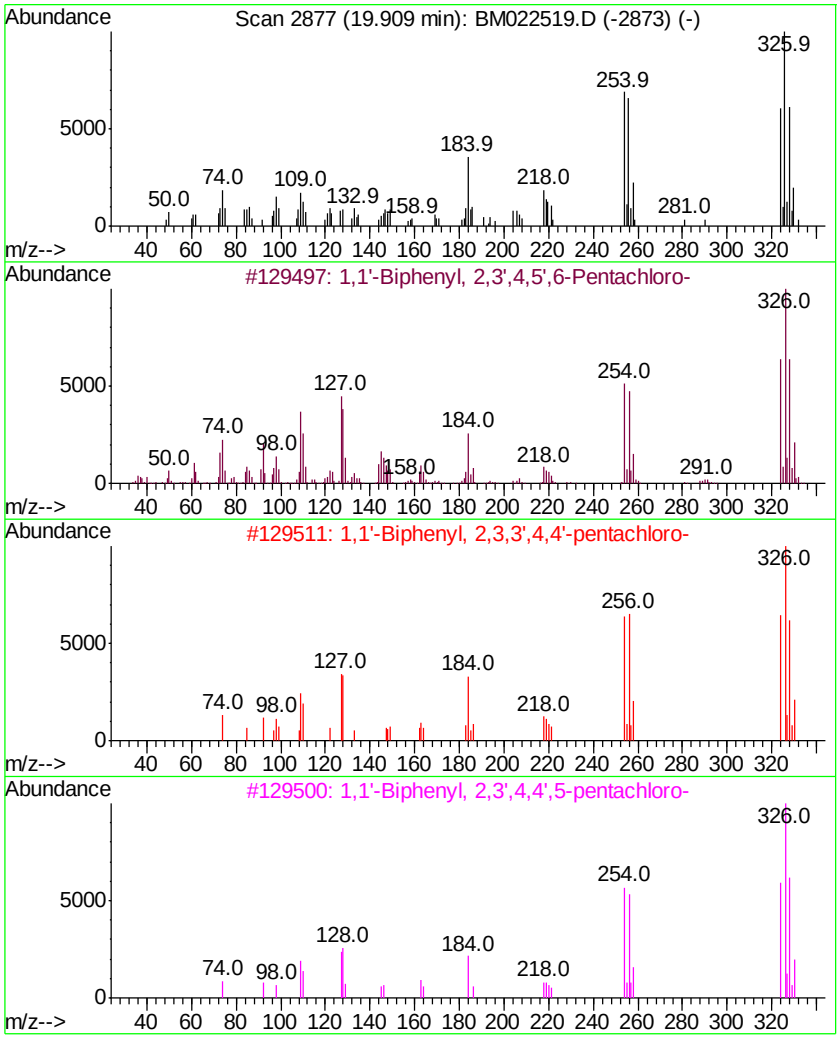
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

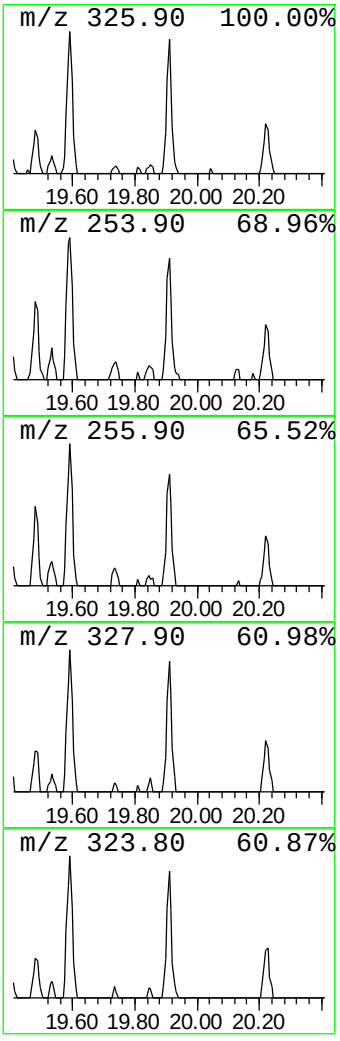
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	9.31 ng/ul	115362	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	95
5	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

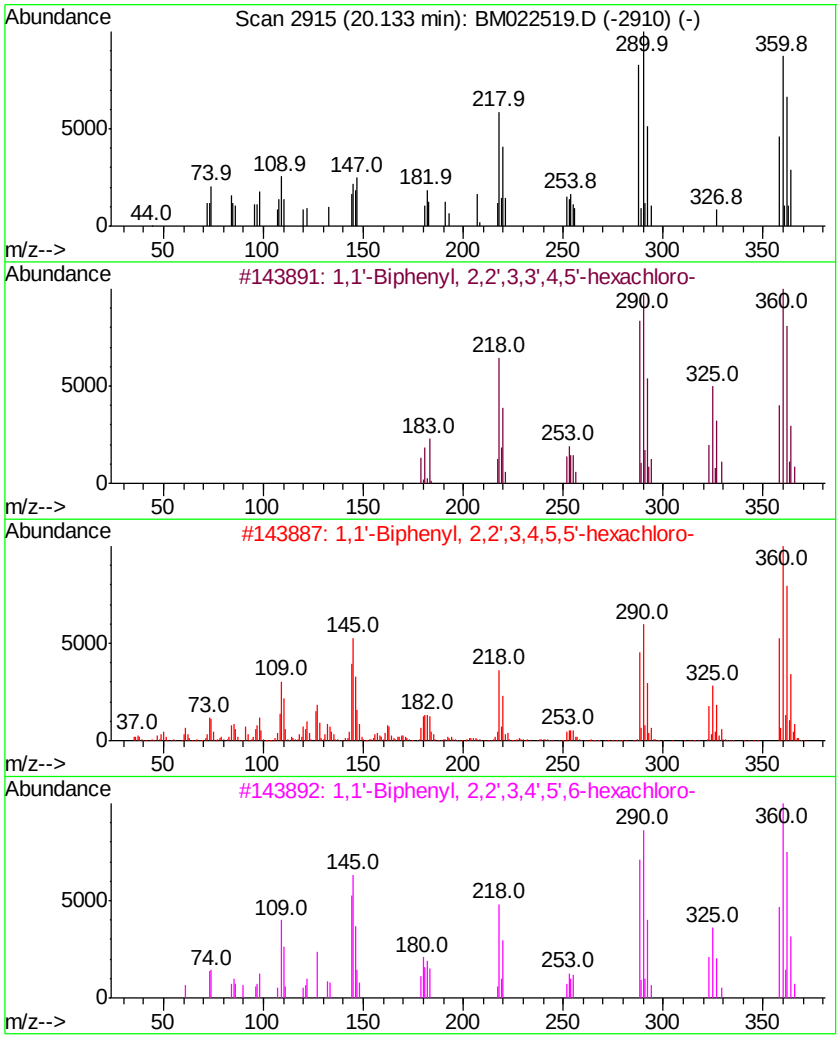
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

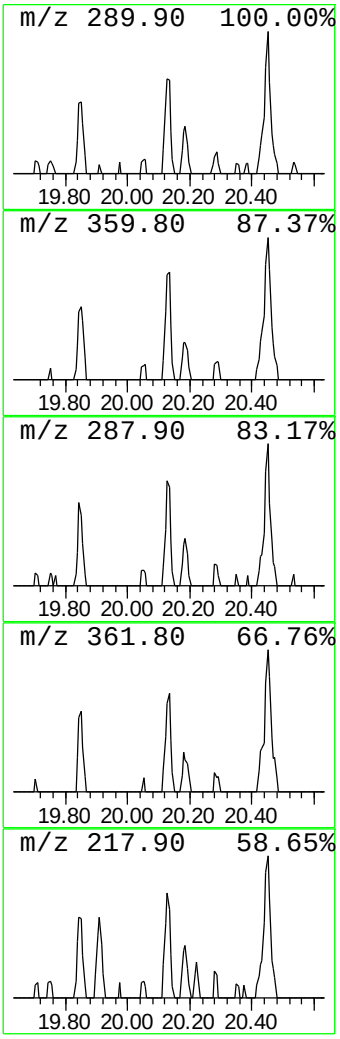
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	4.32 ng/ul	53522	Chrysene-d12	21.16

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	95
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	94
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	94
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	94
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

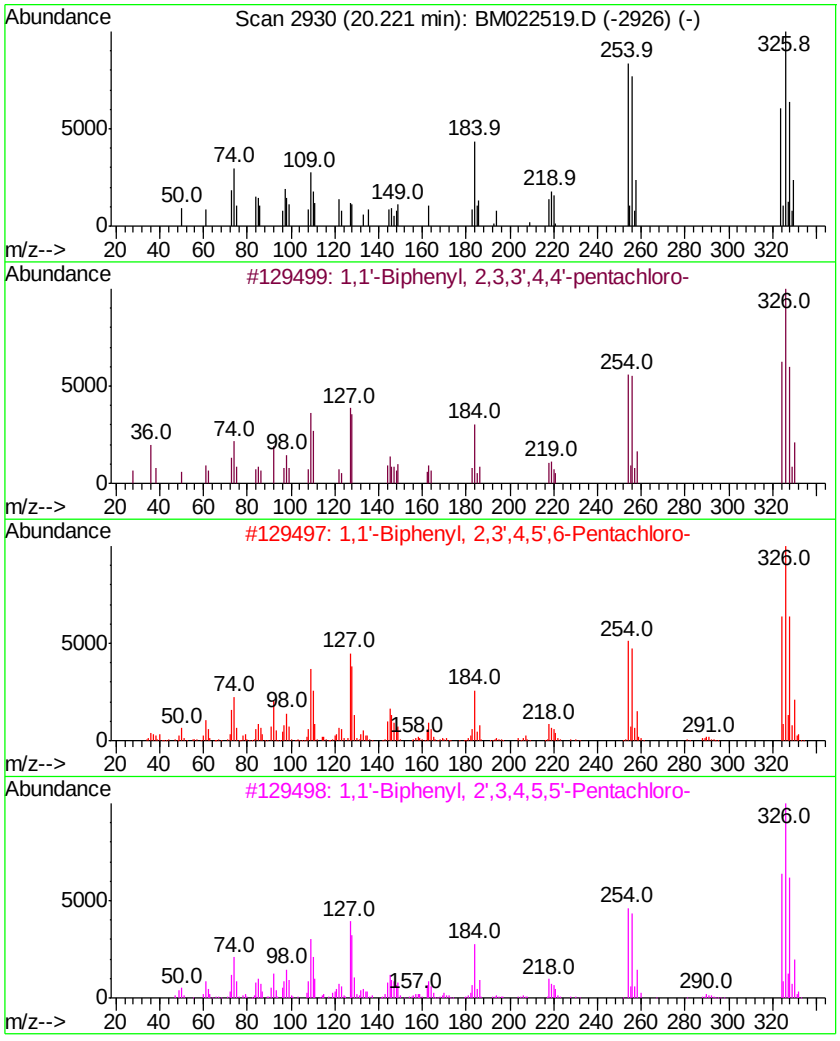
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

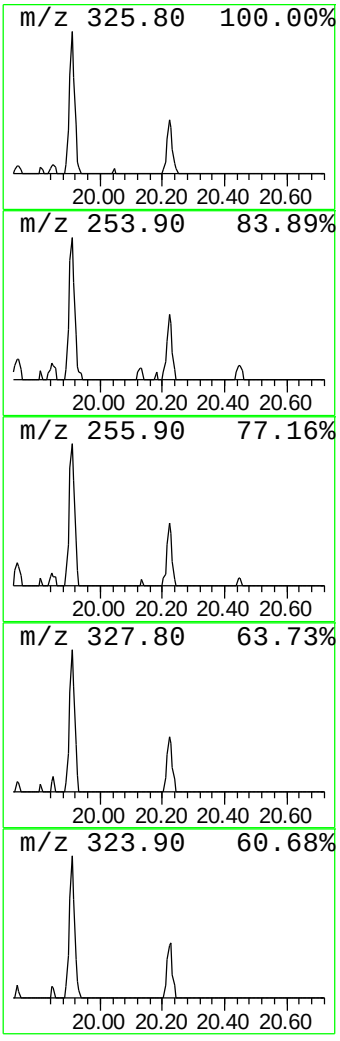
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	3.62 ng/ul	44829	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
2	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

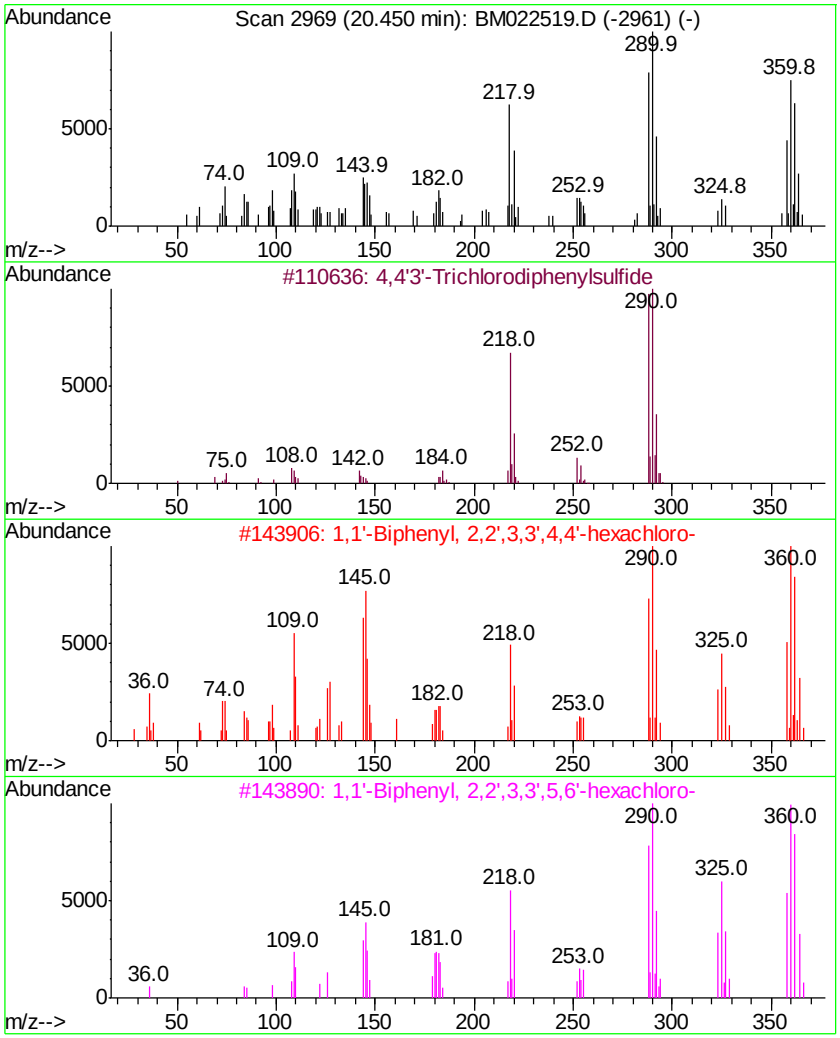
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

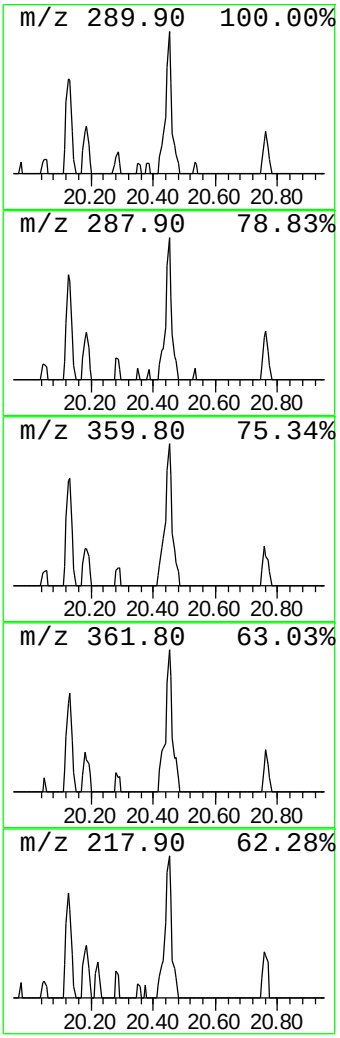
****

Peak Number 12 4,4'3'-Trichlorodiphenylsul... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	8.05 ng/ul	99717	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'3'-Trichlorodiphenylsulfide	288	C12H7Cl3S	1000283-58-7	95
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	94
3	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	94
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	94
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090419\
Data File : BM022519.D
Acq On : 04 Sep 2019 01:40
Operator : HP/JU
Sample : K4606-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,1'-Biphenyl, 2,...	18.00	5.2	ng/ul	59164	4	16.94	225780	20.0
1,1'-Biphenyl, 2,...	18.84	10.5	ng/ul	118717	4	16.94	225780	20.0
1,1'-Biphenyl, 2,...	19.13	11.8	ng/ul	146028	5	21.16	247774	20.0
1,1'-Biphenyl, 2,...	19.20	3.4	ng/ul	42363	5	21.16	247774	20.0
1,1'-Biphenyl, 2,...	19.40	2.2	ng/ul	27629	5	21.16	247774	20.0
(2,3,4,5-Tetrachl...	19.48	4.1	ng/ul	51193	5	21.16	247774	20.0
1,1'-Biphenyl, 2,...	19.85	3.7	ng/ul	46110	5	21.16	247774	20.0
1,1'-Biphenyl, 2,...	19.91	9.3	ng/ul	115362	5	21.16	247774	20.0
1,1'-Biphenyl, 2,...	20.13	4.3	ng/ul	53522	5	21.16	247774	20.0
1,1'-Biphenyl, 2,...	20.22	3.6	ng/ul	44829	5	21.16	247774	20.0
4,4'3'-Trichlorod...	20.45	8.1	ng/ul	99717	5	21.16	247774	20.0