LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022518.D
Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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	3.281	47	50	52	rBB	1957	1874	0.12%	0.013%
2	7.510	763	769	785	rBV	65310	135476	8.57%	0.972%
3	10.280	1233	1240	1258	rBV	70223	167264	10.57%	1.200%
4	14.168	1895	1901	1914	rBV	121067	215514	13.63%	1.546%
5	16.939	2366	2372	2387	rBV2	131783	219752	13.89%	1.576%
6	17.533	2469	2473	2478	rVB3	3701	7307	0.46%	0.052%
7	17.639	2488	2491	2497	rVB2	3101	3842	0.24%	0.028%
8	17.827	2519	2523	2529	rVB4	3678	4485	0.28%	0.032%
9	17.992	2546	2551	2557	rBV	423390	541813	34.25%	3.886%
10	18.056	2557	2562	2566	rVV	82124	104075	6.58%	0.746%
11	18.098	2566	2569	2573	rVB2	12187	13608	0.86%	0.098%
12	18.280	2595	2600	2606	rBV	170273	209595	13.25%	1.503%
13	18.327	2606	2608	2614	rVB	6417	7677	0.49%	0.055%
14	18.427	2621	2625	2627	rBV	6920	8221	0.52%	0.059%
15	18.462	2627	2631	2639	rVB	46903	55950	3.54%	0.401%
16	18.562	2644	2648	2653	rBV2	4899	5252	0.33%	0.038%
17	18.774	2680	2684	2689	rBV2	64022	81113	5.13%	0.582%
18	18.845	2689	2696	2707	rVB2	657674	1109914	70.17%	7.960%
19	18.933	2707	2711	2717	rVB	93161	101317	6.41%	0.727%
20	19.021	2720	2726	2728	rBV2	4510	5682	0.36%	0.041%
21	19.056	2728	2732	2739	rBV2	128709	186703	11.80%	1.339%
22	19.133	2739	2745	2752	rVB	1265337	1581719	100.00%	11.343%
23	19.197	2752	2756	2761	rVB	404159	455982	28.83%	3.270%
24	19.268	2764	2768	2773	rVB3	6578	8621	0.55%	0.062%
25	19.327	2774	2778	2782	rVB2	36925	38694	2.45%	0.277%
26	19.397	2785	2790	2795	rVB	273917	320628	20.27%	2.299%
27	19.480	2795	2804	2809	rBV	510077	586529	37.08%	4.206%
28	19.527	2809	2812	2815	rBV	157328	174533	11.03%	1.252%
29	19.592	2815	2823	2830	rVB	1193009	1480762	93.62%	10.619%
30	19.656	2830	2834	2836	rBV4	3185	3517	0.22%	0.025%
31	19.703	2838	2842	2844	rBV3	60297	64886	4.10%	0.465%
32	19.733	2844	2847	2856	rVB3	103645	186801	11.81%	1.340%
33	19.803	2856	2859	2862	rBV3	38832	36881	2.33%	0.264%
34	19.844	2862	2866	2872	rBV	475122	555647	35.13%	3.985%

LSC Area Percent Report

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Data File : BM022518.D
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Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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	19.903	2872	2876	2883	rVB	1045083	1209532	76.47%	8.674%
36	19.974	2885	2888	2892	rVB3	36818	38097	2.41%	0.273%
37	20.050	2892	2901	2905	rBV	90735	120703	7.63%	0.866%
38	20.127	2909	2914	2919	rBV	556196	610606	38.60%	4.379%
39	20.186	2919	2924	2926	rBV	241077	289972	18.33%	2.079%
40	20.215	2926	2929	2936	rVB	407237	454735	28.75%	3.261%
41	20.280	2936	2940	2944	rBV	103123	119545	7.56%	0.857%
42	20.309	2944	2945	2949	rBV4	2504	1766	0.11%	0.013%
43	20.350	2949	2952	2954	rBV2	46838	49639	3.14%	0.356%
44	20.380	2954	2957	2960	rVB3	42714	48078	3.04%	0.345%
45	20.450	2960	2969	2977	rBV	719766	1134587	71.73%	8.136%
46	20.533	2979	2983	2986	rBV2	36533	39275	2.48%	0.282%
47	20.592	2989	2993	2996	rBV4	22672	22454	1.42%	0.161%
48	20.650	3001	3003	3008	rVB5	12452	13586	0.86%	0.097%
49	20.756	3017	3021	3027	rBV	209503	234104	14.80%	1.679%
50	20.839	3031	3035	3036	rBV3	7381	8395	0.53%	0.060%
51	20.862	3036	3039	3043	rVB2	27367	25954	1.64%	0.186%
52	20.915	3046	3048	3052	rVB4	11018	10923	0.69%	0.078%
53	20.974	3056	3058	3061	rVV3	8458	6811	0.43%	0.049%
54	21.009	3061	3064	3069	rVB2	92355	96301	6.09%	0.691%
55	21.068	3070	3074	3078	rVV5	17288	23242	1.47%	0.167%
56	21.150	3084	3088	3100	rBV	238731	362130	22.89%	2.597%
57	21.380	3124	3127	3130	rVB2	31129	31736	2.01%	0.228%
58	21.462	3138	3141	3146	rVB3	51374	55754	3.52%	0.400%
59	23.338	3454	3460	3471	rBV	107064	223818	14.15%	1.605%
60	23.762	3528	3532	3536	rVB3	19994	31053	1.96%	0.223%

Sum of corrected areas: 13944430

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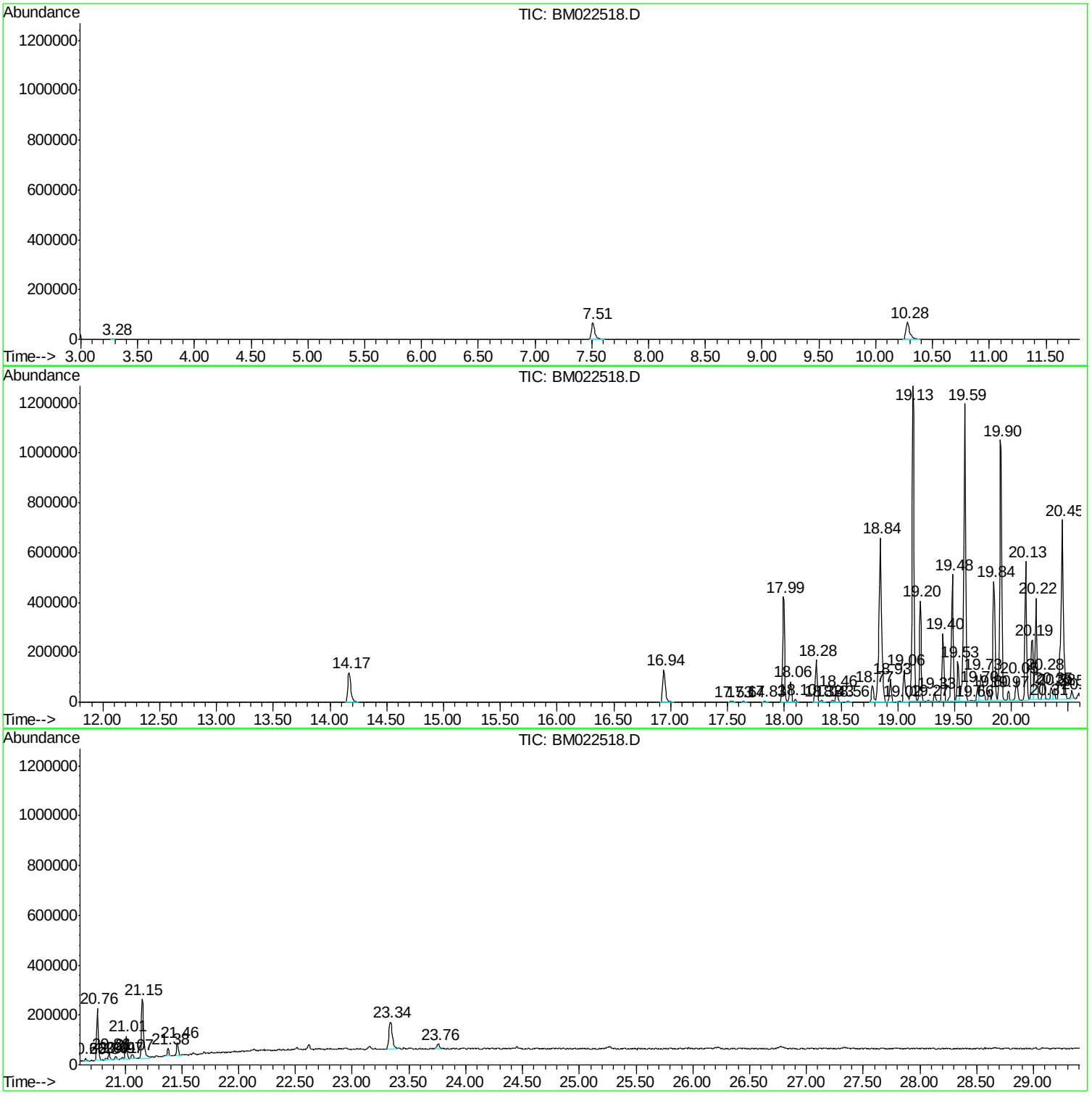
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AR5

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022518.D
Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

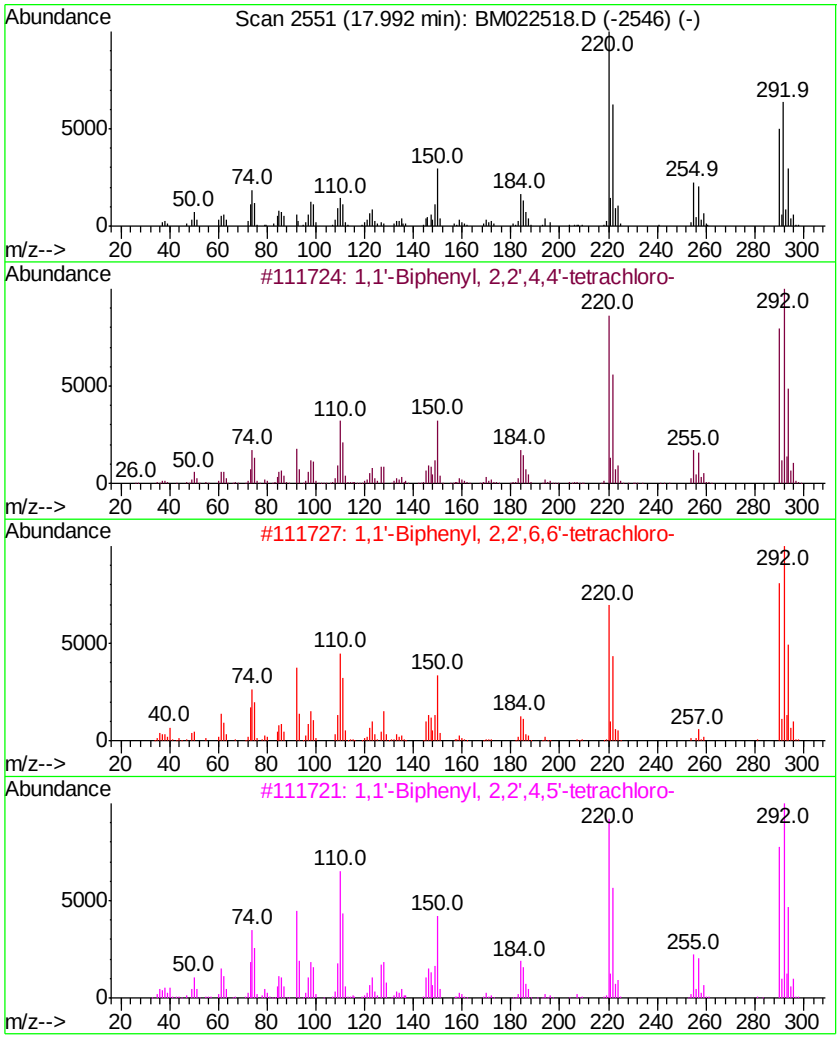
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

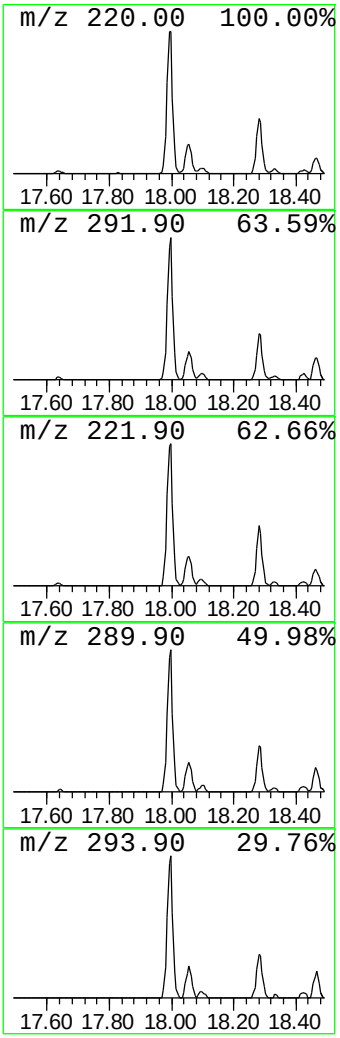
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	49.31 ng/ul	541813	Phenanthrene-d10	16.94

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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	98
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022518.D
Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

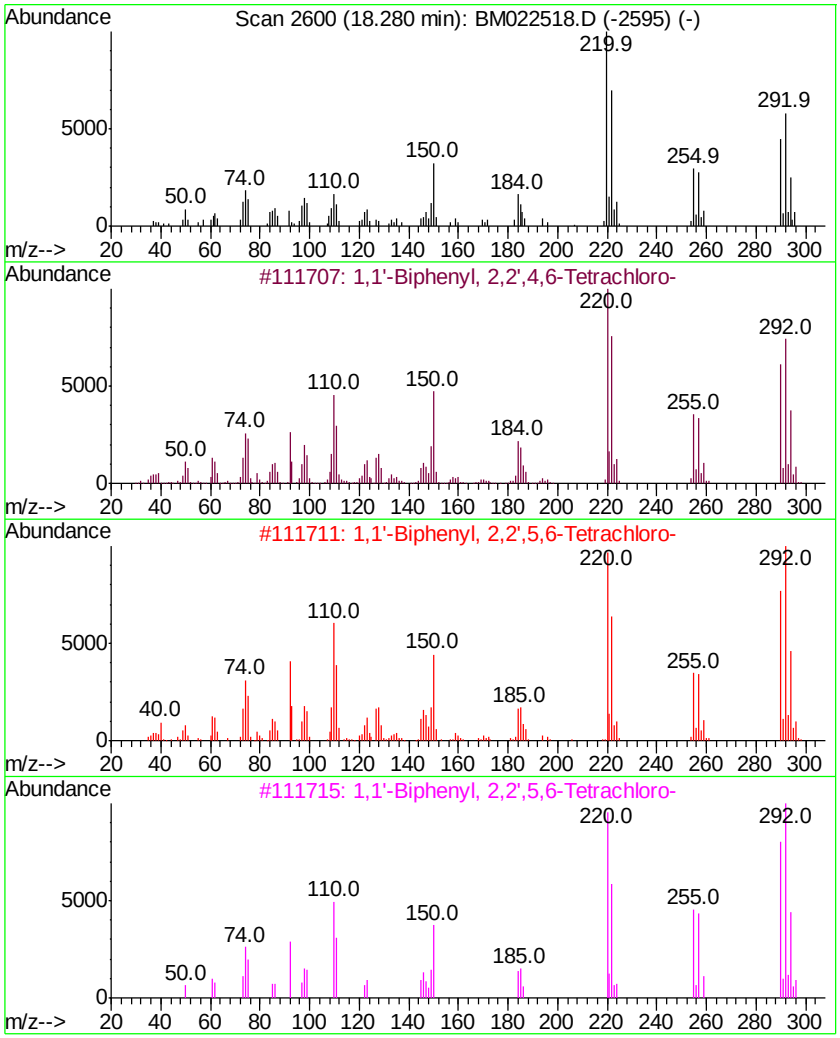
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

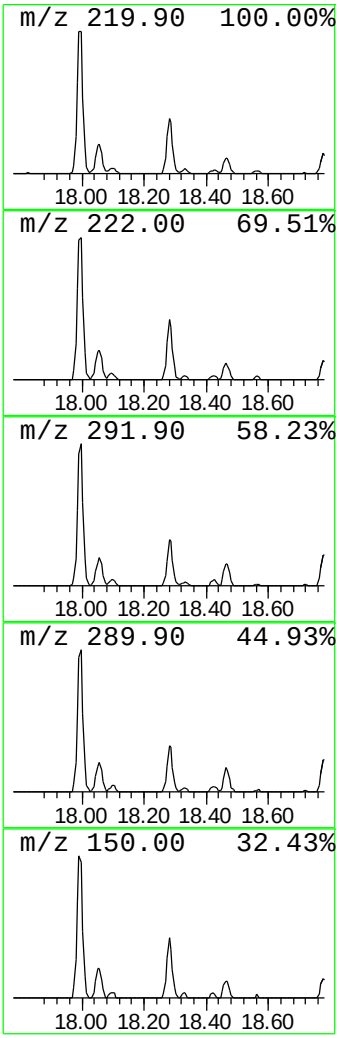
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	19.08 ng/ul	209595	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022518.D
Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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

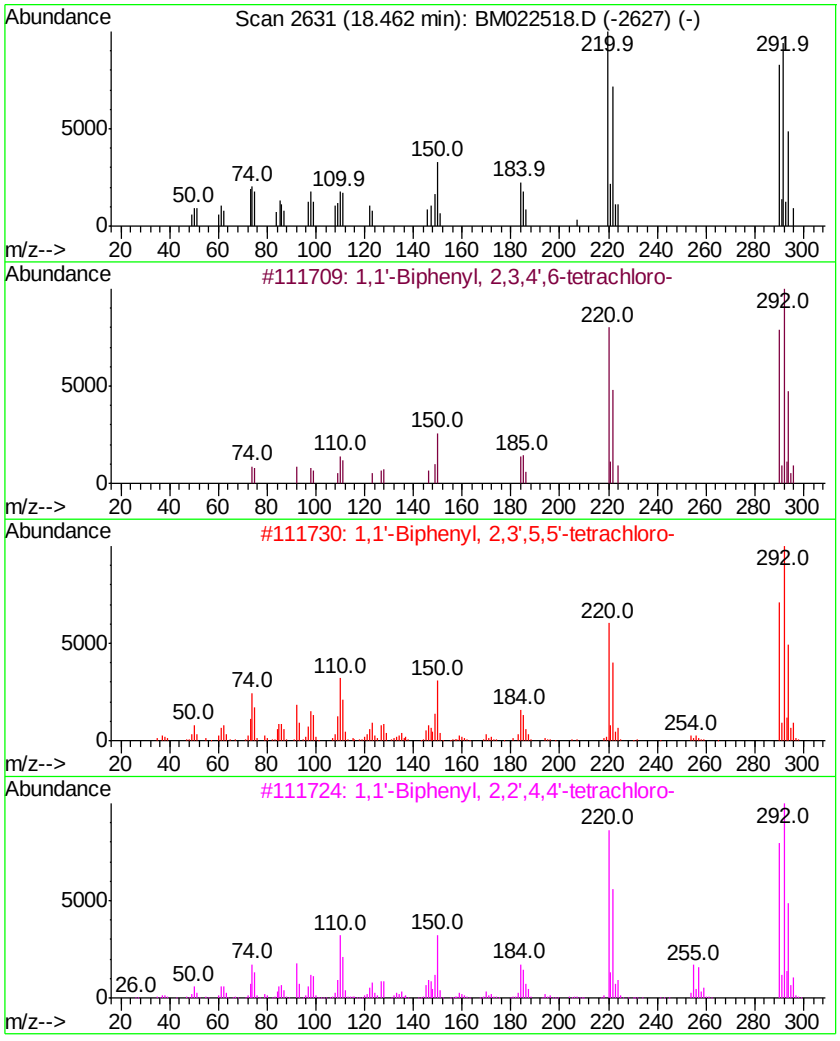
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

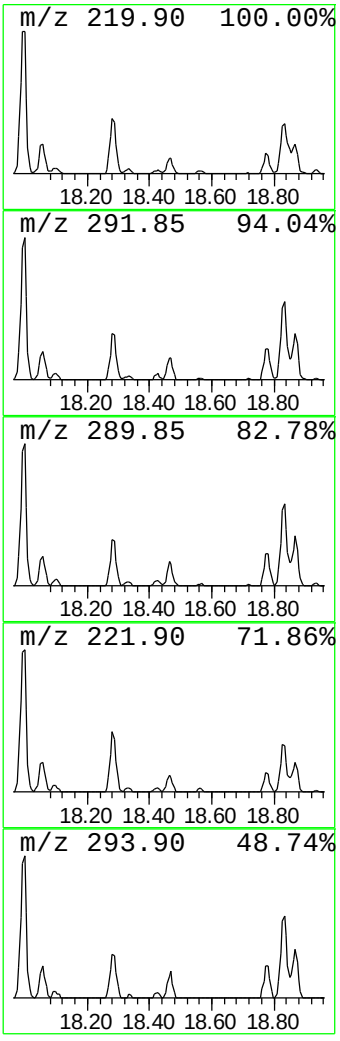
****

Peak Number 4 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	5.09 ng/ul	55950	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022518.D
Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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

TIC Library : C:\DATABASE\NIST02.L
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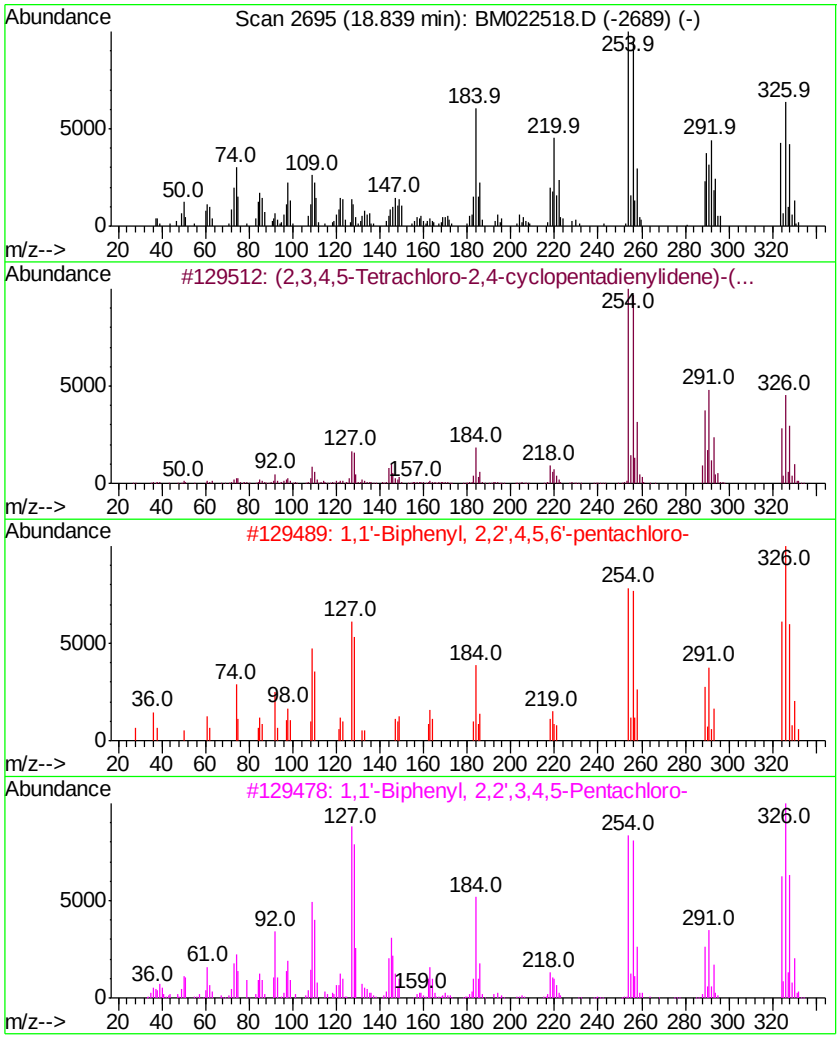
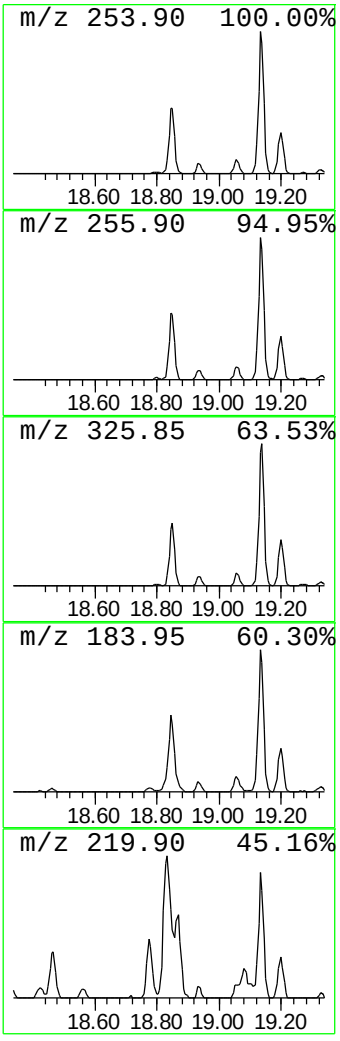
****
Peak Number 6 (2,3,4,5-Tetrachloro-2,4-cy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	101.02 ng/ul	1109910	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	96
2	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	96
3	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	95
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022518.D
Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

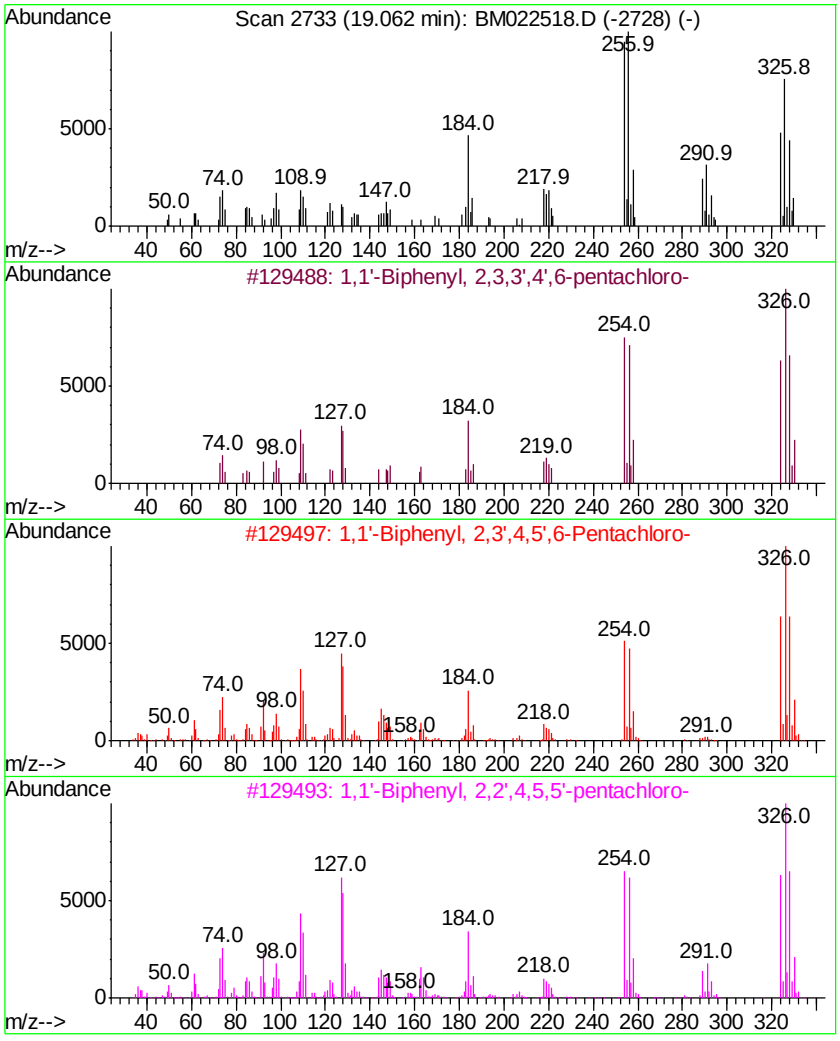
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

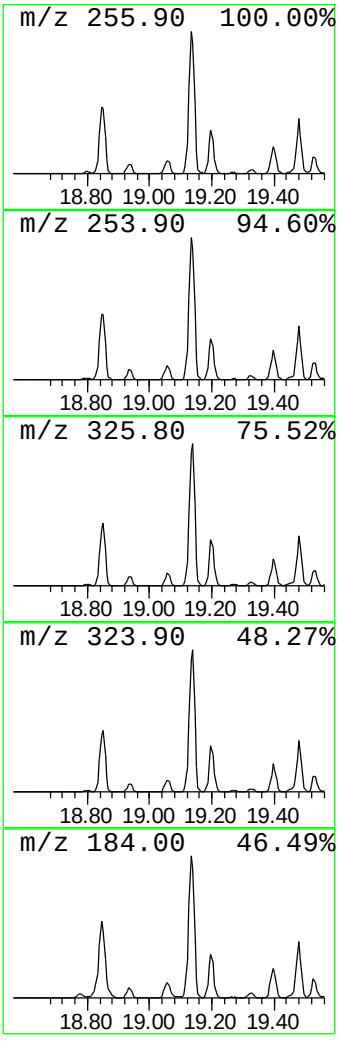
****

Peak Number 8 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	10.31 ng/ul	186703	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',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	94
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	94





Library Search Compound Report

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Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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

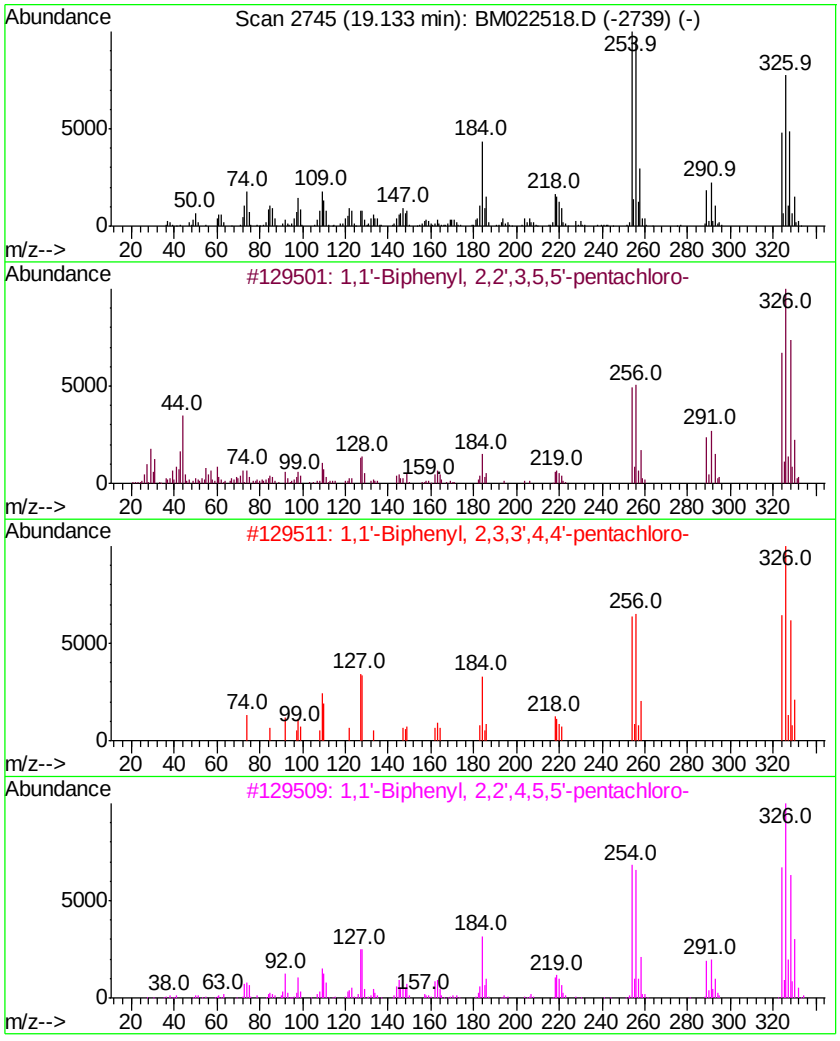
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

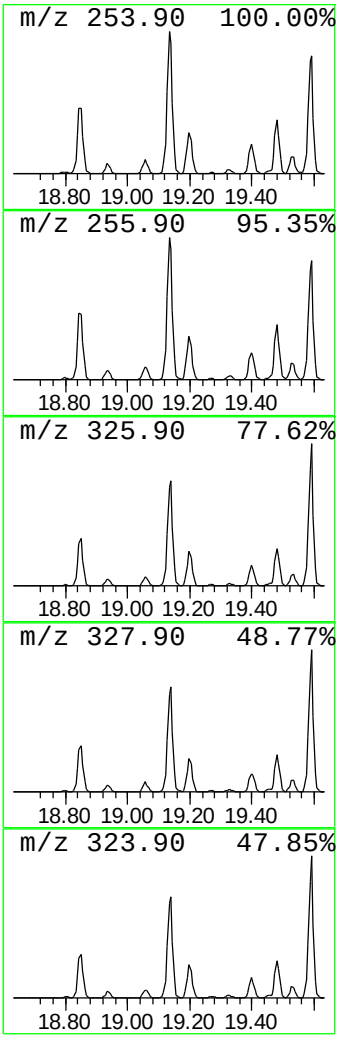
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	87.36 ng/ul	1581720	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
4	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022518.D
Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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

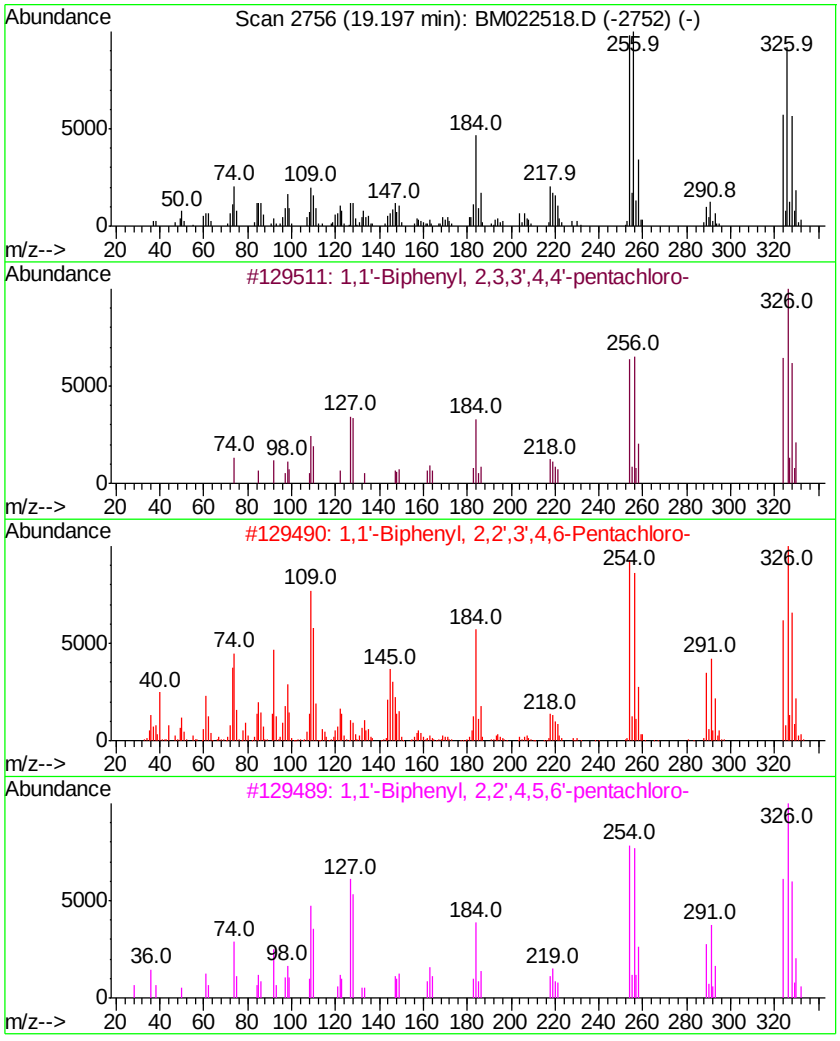
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

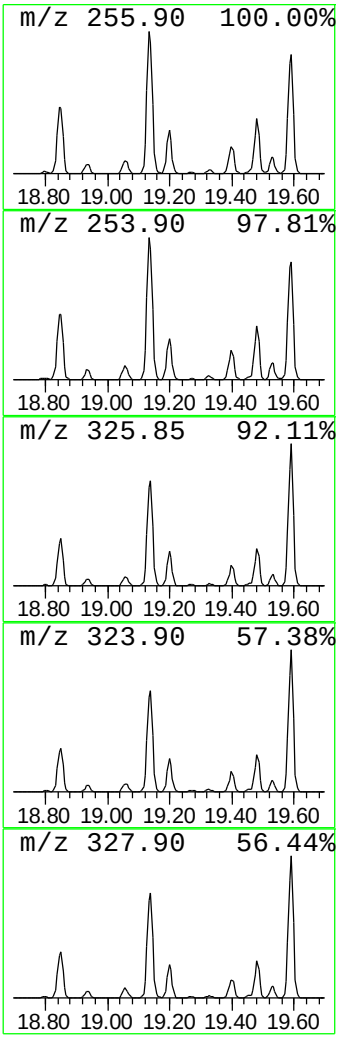
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	25.18 ng/ul	455982	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, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95
3	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	95
4	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	95
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	95





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Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

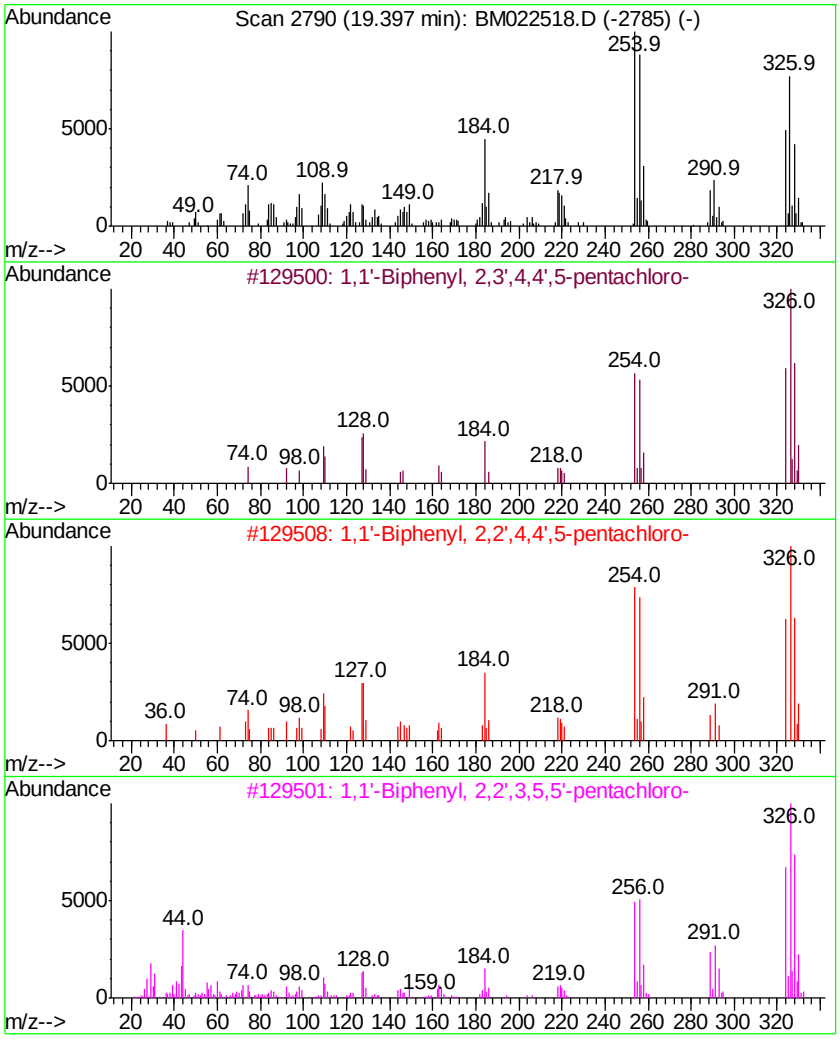
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

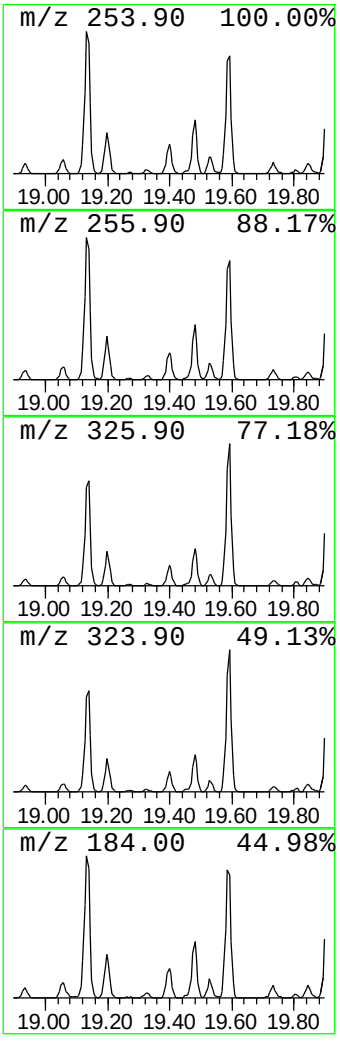
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	17.71 ng/ul	320628	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
4	1,1'-Biphenyl, 2,3',4,5,5'-penta...	324	C12H5Cl5	068194-12-7	95
5	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	95





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Operator : HP/JU
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Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

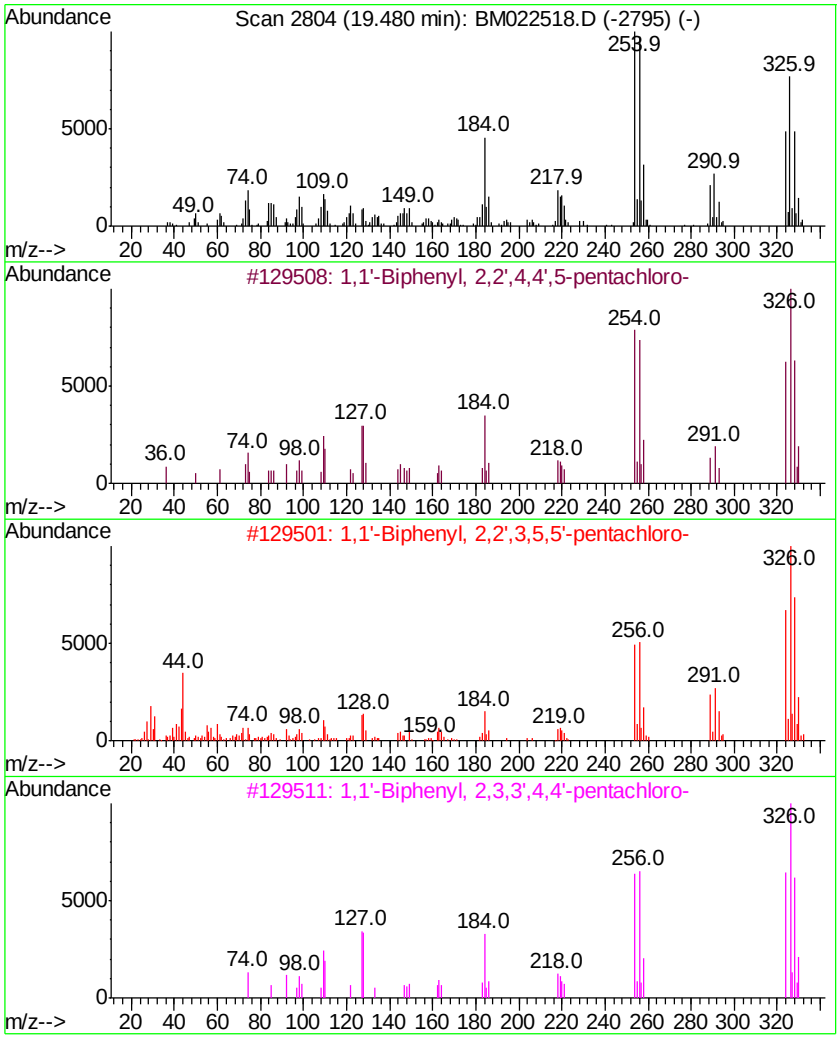
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

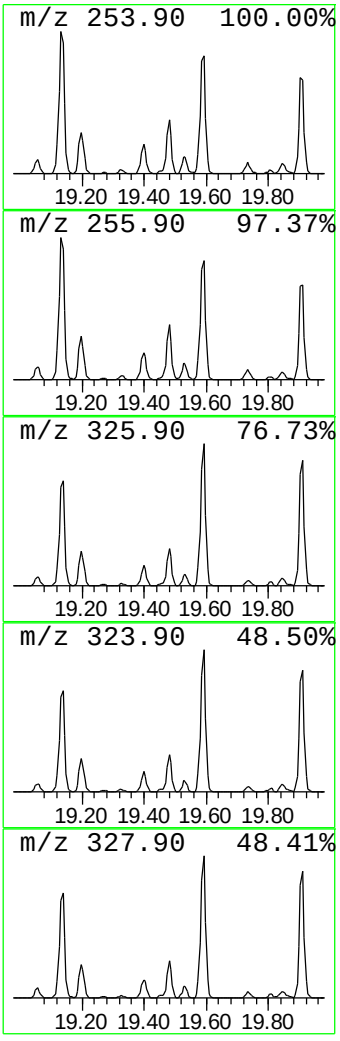
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	32.39 ng/ul	586529	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, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	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, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95





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Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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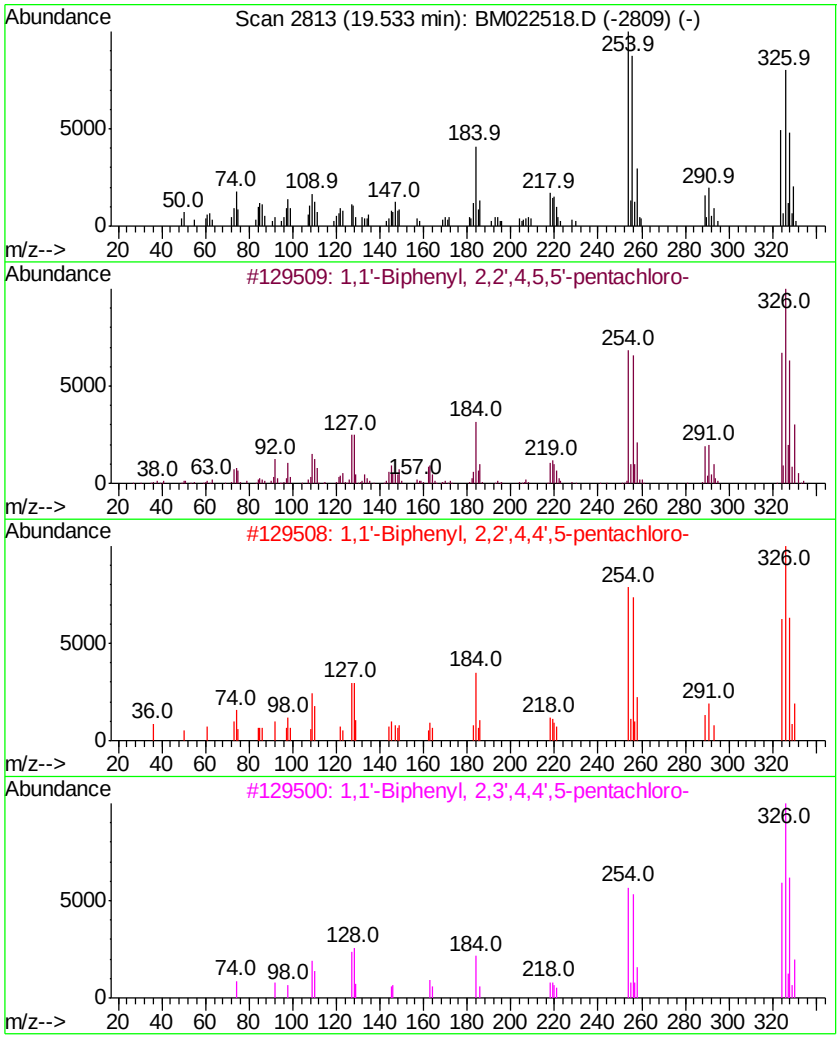
Quant Title : SVOA CALIBRATION

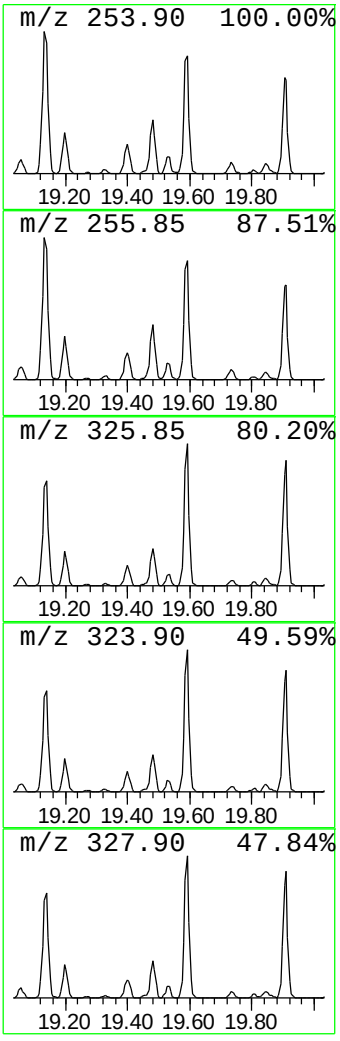
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	9.64 ng/ul	174533	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	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95





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Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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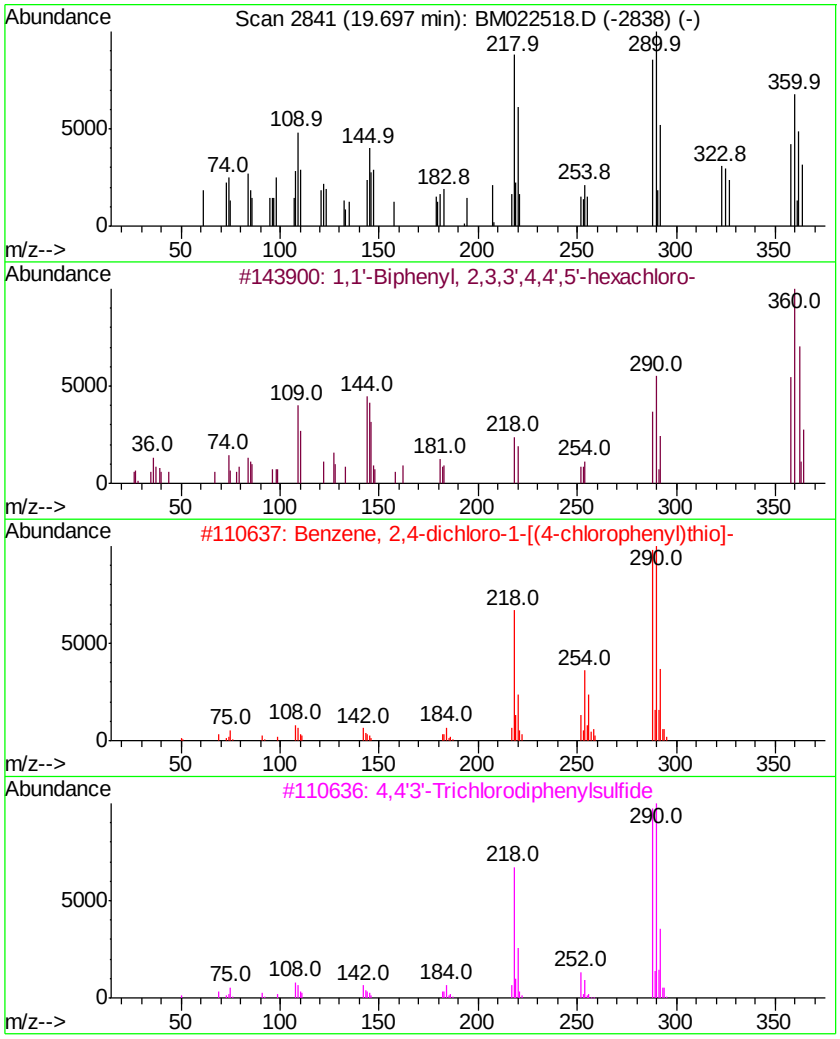
Quant Title : SVOA CALIBRATION

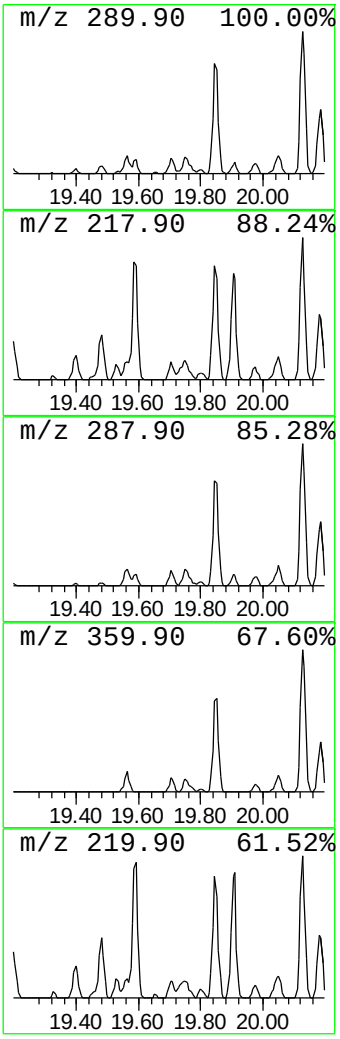
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.58 ng/ul	64886	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	81
2	Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	60
3	4,4'3'-Trichlorodiphenylsulfide	288	C12H7Cl3S	1000283-58-7	46
4	Penclomedine	323	C8H6Cl5NO2	108030-77-9	27
5	1-(p-Aminophenyl)-2,3,5-trichlor...	288	C11H7Cl3N2O	1000244-68-6	25





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Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

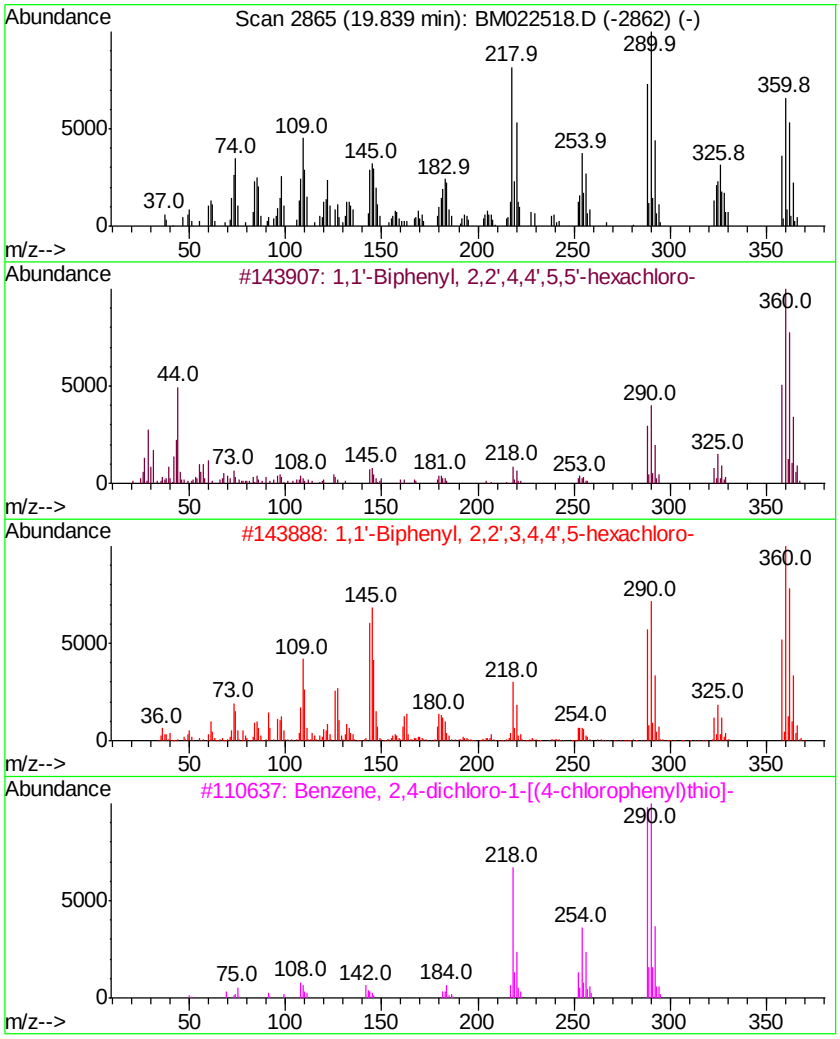
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

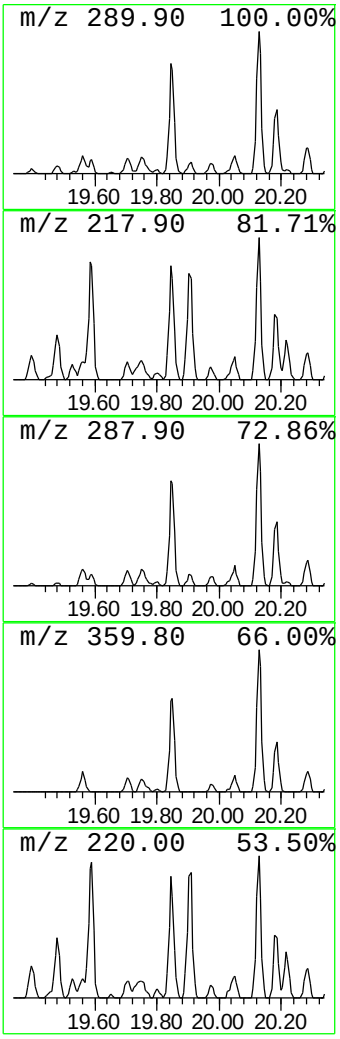
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	30.69 ng/ul	555647	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
2	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	95
3	Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	94
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	93
5	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090419\
Data File : BM022518.D
Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

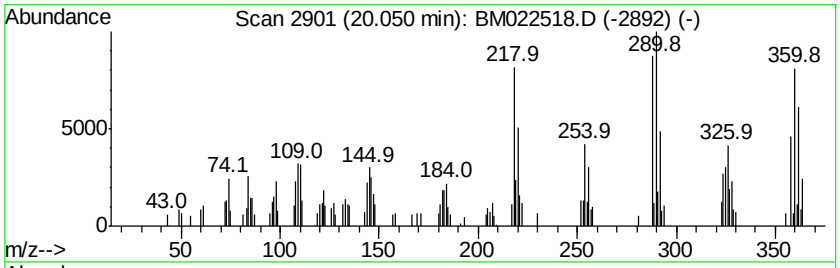
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

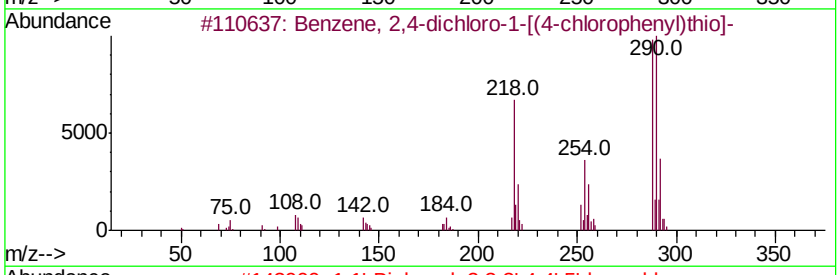
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

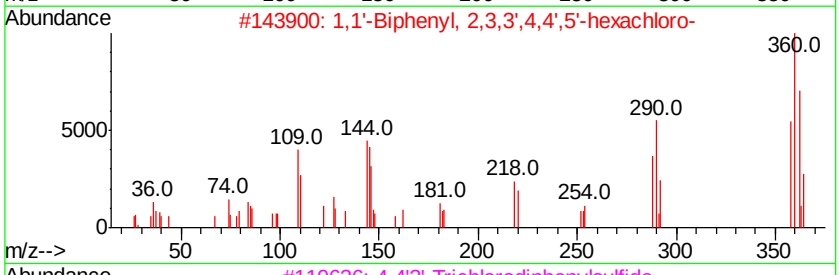
****
Peak Number 22 Benzene, 2,4-dichloro-1-[(4... Concentration Rank 22

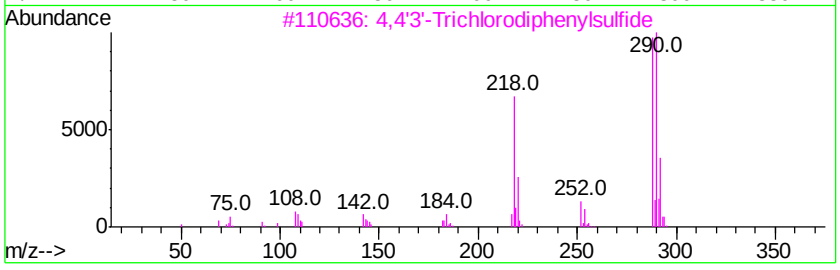
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	6.67 ng/ul	120703	Chrysene-d12	21.16

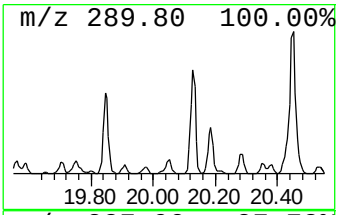
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	91
2	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	90
3	4,4'3'-Trichlorodiphenylsulfide	288	C12H7Cl3S	1000283-58-7	50
4	3-Bromo-5,7-dichloro-1-methylnap...	288	C11H7BrCl2	055058-84-9	38
5	Penclomedine	323	C8H6Cl5NO2	108030-77-9	22

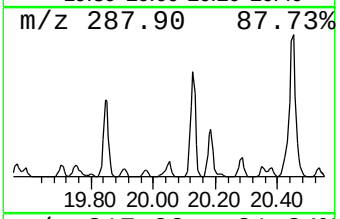


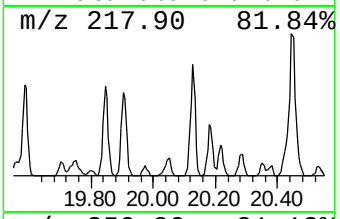


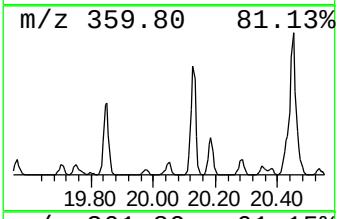


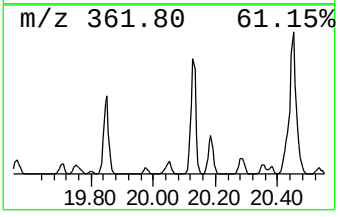












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Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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

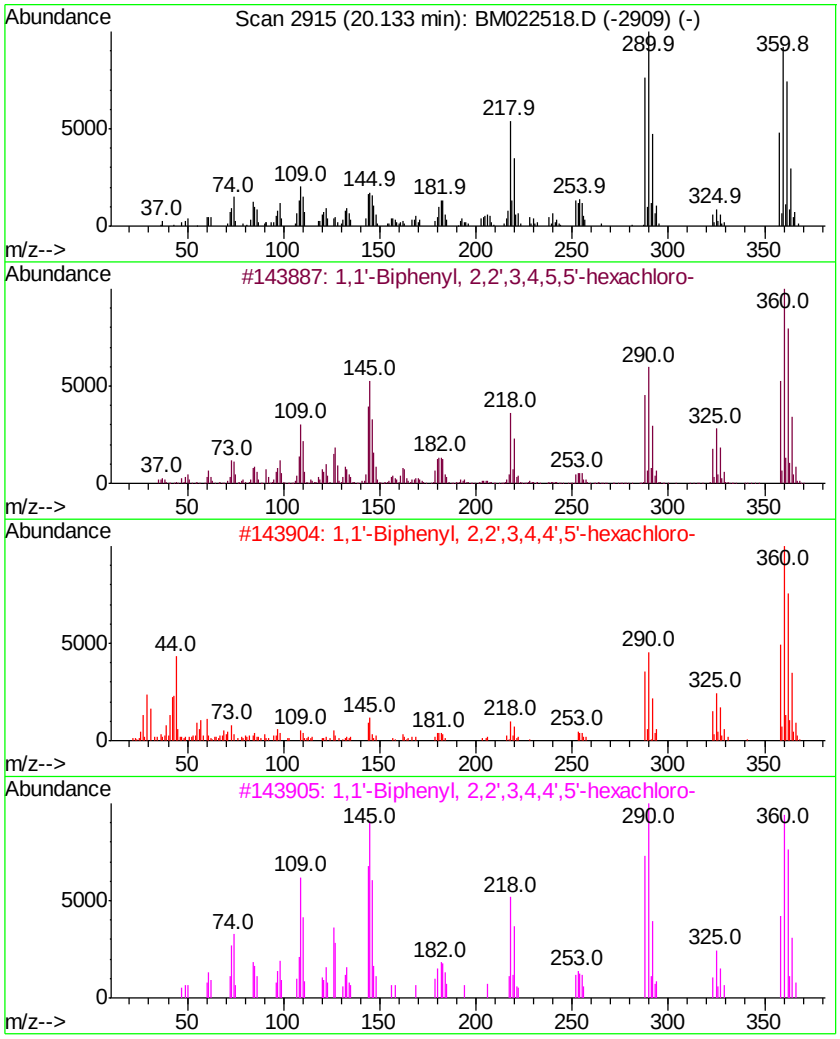
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

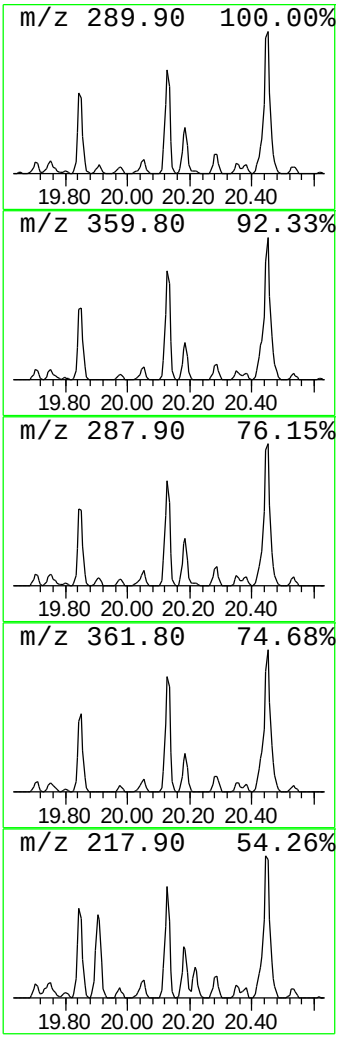
****

Peak Number 23 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	33.72 ng/ul	610606	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	95
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	94
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	94





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Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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

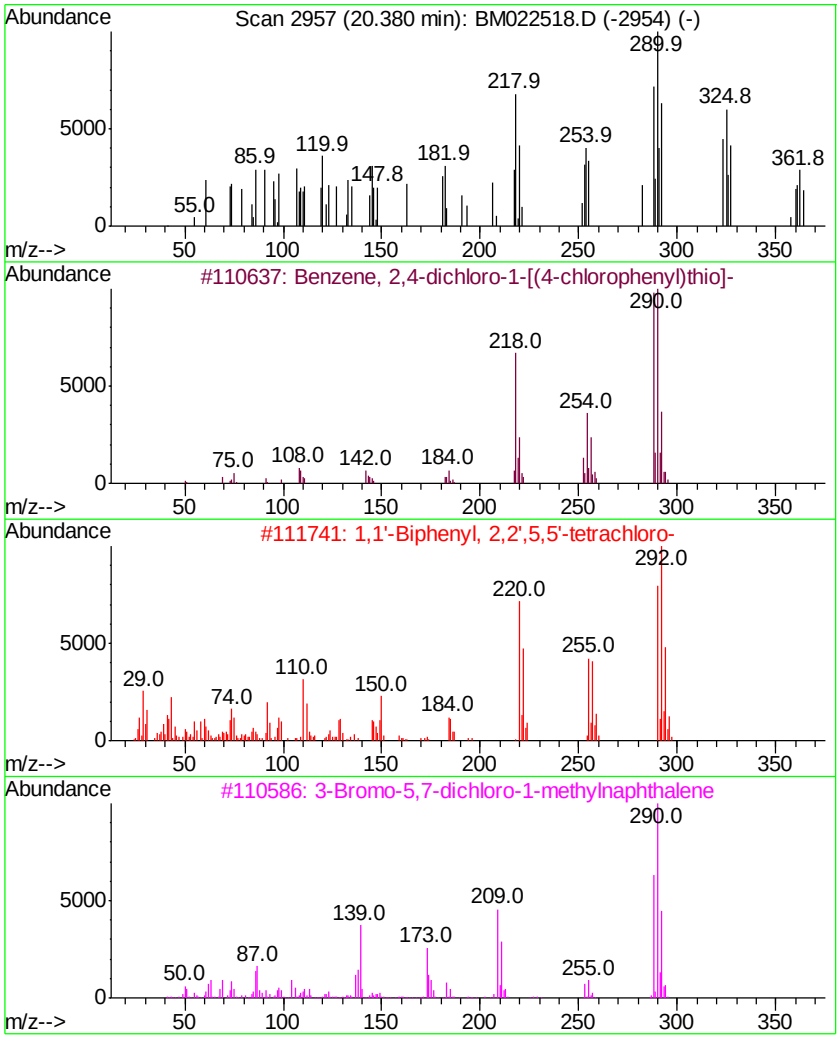
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

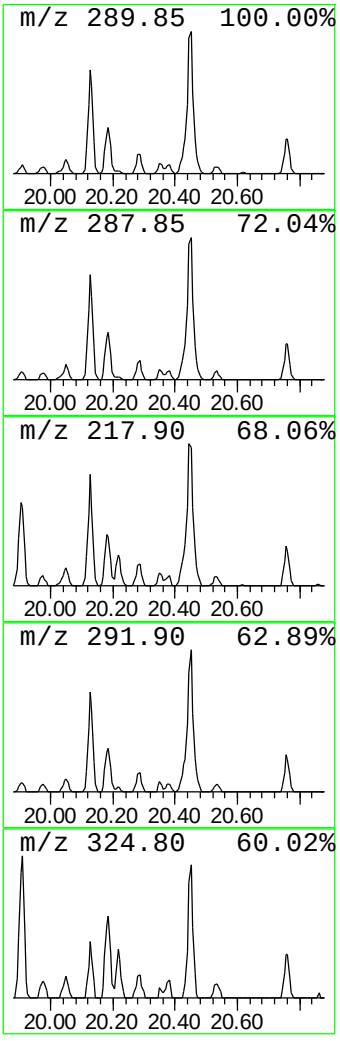
****

Peak Number 28 unknown20.38 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.66 ng/ul	48078	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	25
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	18
3	3-Bromo-5,7-dichloro-1-methylnap...	288	C11H7BrCl2	055058-84-9	16
4	4,4'3'-Trichlorodiphenylsulfide	288	C12H7Cl3S	1000283-58-7	16
5	1,3-Diamino-8-bromobenzo[f]quina...	288	C12H9BrN4	013119-52-3	14





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Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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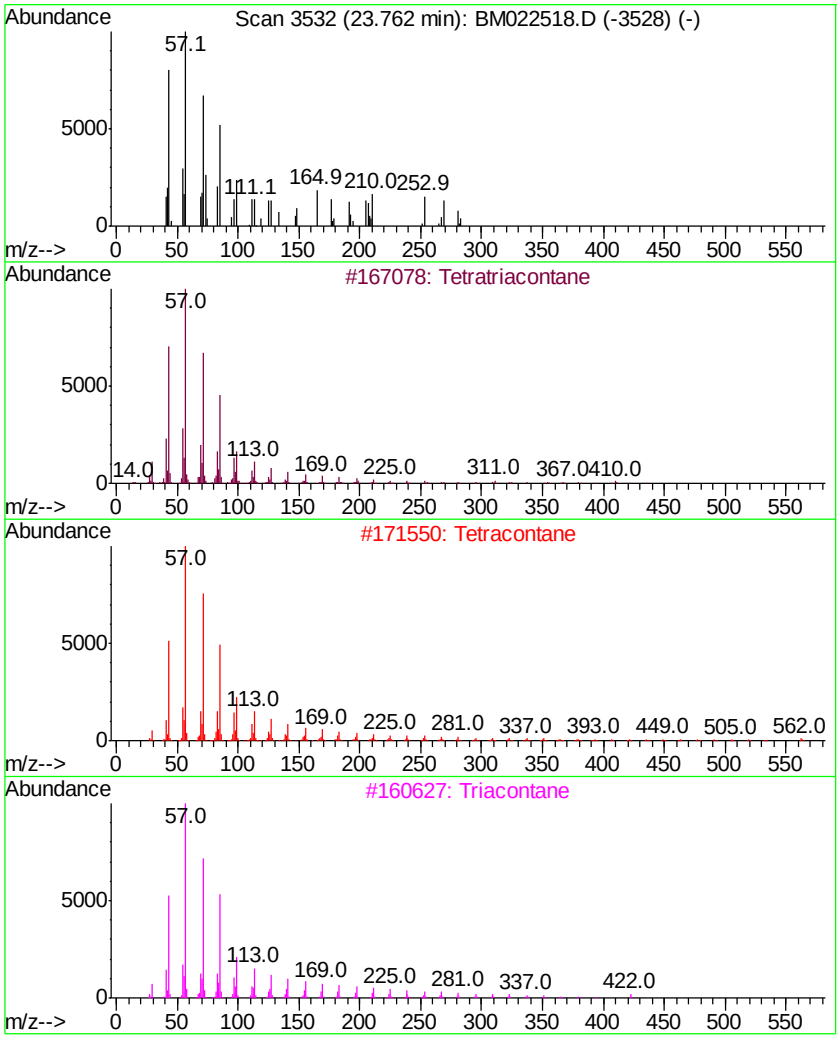
Quant Title : SVOA CALIBRATION

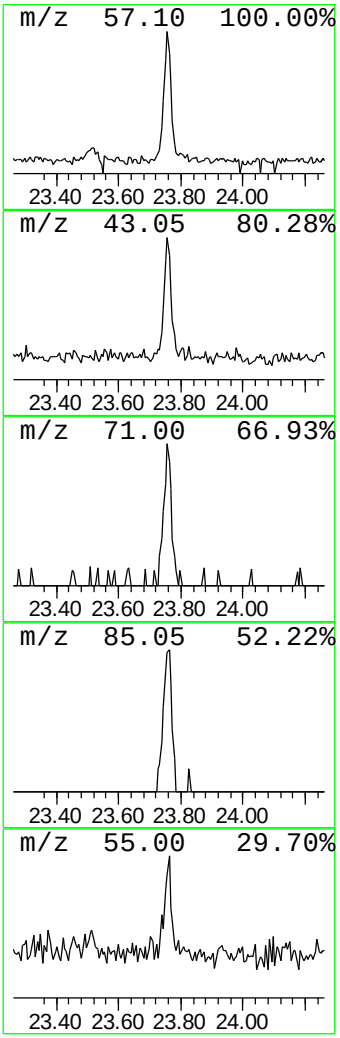
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.77 ng/ul	31053	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	49
2	Tetracontane	563	C40H82	004181-95-7	47
3	Triacontane	422	C30H62	000638-68-6	47
4	Tetratriacontane	479	C34H70	014167-59-0	47
5	Heptacosane	380	C27H56	000593-49-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090419\
Data File : BM022518.D
Acq On : 04 Sep 2019 01:03
Operator : HP/JU
Sample : K4606-03
Misc : GCMS CONFIRMATION
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AR5

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,...	17.99	49.3	ng/ul	541813	4	16.94	219752	20.0
1,1'-Biphenyl, 2,...	18.28	19.1	ng/ul	209595	4	16.94	219752	20.0
1,1'-Biphenyl, 2,...	18.46	5.1	ng/ul	55950	4	16.94	219752	20.0
(2,3,4,5-Tetrachl...	18.84	101.0	ng/ul	1109910	4	16.94	219752	20.0
1,1'-Biphenyl, 2,...	19.06	10.3	ng/ul	186703	5	21.16	362130	20.0
1,1'-Biphenyl, 2,...	19.13	87.4	ng/ul	1581720	5	21.16	362130	20.0
1,1'-Biphenyl, 2,...	19.20	25.2	ng/ul	455982	5	21.16	362130	20.0
1,1'-Biphenyl, 2,...	19.40	17.7	ng/ul	320628	5	21.16	362130	20.0
1,1'-Biphenyl, 2,...	19.48	32.4	ng/ul	586529	5	21.16	362130	20.0
1,1'-Biphenyl, 2,...	19.53	9.6	ng/ul	174533	5	21.16	362130	20.0
1,1'-Biphenyl, 2,...	19.70	3.6	ng/ul	64886	5	21.16	362130	20.0
1,1'-Biphenyl, 2,...	19.84	30.7	ng/ul	555647	5	21.16	362130	20.0
Benzene, 2,4-dich...	20.05	6.7	ng/ul	120703	5	21.16	362130	20.0
1,1'-Biphenyl, 2,...	20.13	33.7	ng/ul	610606	5	21.16	362130	20.0
unknown20.38	20.38	2.7	ng/ul	48078	5	21.16	362130	20.0
(DEL) Alkane: Str...	23.76	2.8	ng/ul	31053	6	23.34	223818	20.0