LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

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-BM102418MA.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	3.057	9	12	15	rBV3	34110	32837	0.70%	0.113%
2	3.087	15	17	18	rVV	14653	13061	0.28%	0.045%
3	3.105	18	20	23	rVV3	26232	30130	0.64%	0.104%
4	3.140	23	26	36	rVB	1063766	1187193	25.35%	4.081%
5	3.463	73	81	86	rBV	36700	55037	1.18%	0.189%
6	4.534	261	263	268	rBV4	3996	5787	0.12%	0.020%
7	4.640	275	281	285	rBV4	10502	17052	0.36%	0.059%
8	4.669	285	286	293	rVV3	6519	7589	0.16%	0.026%
9	4.728	293	296	304	rVB2	15379	20012	0.43%	0.069%
10	4.857	315	318	322	rVB5	7760	10240	0.22%	0.035%
11	5.022	342	346	348	rBV4	5594	6419	0.14%	0.022%
12	5.204	373	377	381	rVB5	10747	15553	0.33%	0.053%
13	5.269	384	388	390	rBV4	4893	6509	0.14%	0.022%
14	5.646	448	452	457	rBV7	8498	13013	0.28%	0.045%
15	6.657	619	624	626	rVB5	3337	5674	0.12%	0.020%
16	7.645	784	792	809	rBV	734686	1254998	26.80%	4.314%
17	7.863	824	829	834	rBV4	5381	9408	0.20%	0.032%
18	8.516	932	940	943	rBV5	2649	5945	0.13%	0.020%
19	10.422	1257	1264	1286	rBV	953403	1719690	36.72%	5.911%
20	14.221	1905	1910	1912	rBV5	6468	11555	0.25%	0.040%
21	14.292	1916	1922	1943	rBV2	1329428	2363563	50.47%	8.125%
22	15.304	2088	2094	2096	rBV3	4004	7141	0.15%	0.025%
23	16.027	2213	2217	2223	rVB5	13686	23099	0.49%	0.079%
24	16.821	2347	2352	2353	rBV4	13973	19196	0.41%	0.066%
25	16.862	2358	2359	2365	rVB5	6804	6223	0.13%	0.021%
26	17.045	2382	2390	2412	rBV2	1856161	3245127	69.29%	11.155%
27	17.551	2473	2476	2481	rVB7	5339	9978	0.21%	0.034%
28	18.121	2569	2573	2578	rBV4	46268	60549	1.29%	0.208%
29	18.180	2581	2583	2586	rVB4	10614	12508	0.27%	0.043%
30	18.404	2617	2621	2625	rBV7	25907	40188	0.86%	0.138%
31	18.586	2648	2652	2656	rBV6	12624	17157	0.37%	0.059%
32	18.898	2700	2705	2709	rBV3	66418	101413	2.17%	0.349%
33	18.945	2709	2713	2716	rVV	267194	399812	8.54%	1.374%
34	18.974	2716	2718	2725	rVV4	238243	349507	7.46%	1.201%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

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-BM102418MA.M
Title : SVOA CALIBRATION

35	19.056	2728	2732	2736	rBV4	39805	51875	1.11%	0.178%
36	19.109	2739	2741	2748	rVB	40373	56788	1.21%	0.195%
37	19.180	2749	2753	2758	rVV4	92163	194994	4.16%	0.670%
38	19.256	2761	2766	2772	rVV	607269	826293	17.64%	2.840%
39	19.321	2772	2777	2784	rVV	289984	379780	8.11%	1.306%
40	19.451	2796	2799	2801	rBV3	36192	41664	0.89%	0.143%
41	19.521	2806	2811	2816	rVB	212659	268111	5.72%	0.922%
42	19.598	2817	2824	2828	rBV	345304	437587	9.34%	1.504%
43	19.651	2828	2833	2836	rBV2	150772	190525	4.07%	0.655%
44	19.703	2836	2842	2847	rVB	699261	922478	19.70%	3.171%
45	19.756	2847	2851	2857	rBV	158963	207558	4.43%	0.713%
46	19.827	2860	2863	2865	rBV3	74420	97683	2.09%	0.336%
47	19.850	2865	2867	2869	rVB2	43099	36890	0.79%	0.127%
48	19.921	2876	2879	2882	rBV2	53658	49643	1.06%	0.171%
49	19.968	2882	2887	2891	rBV2	411068	563764	12.04%	1.938%
50	20.021	2891	2896	2901	rVV	882012	1099304	23.47%	3.779%
51	20.098	2906	2909	2914	rVB6	47183	56353	1.20%	0.194%
52	20.168	2916	2921	2925	rBV5	111840	178819	3.82%	0.615%
53	20.245	2930	2934	2939	rBV	568422	697789	14.90%	2.399%
54	20.303	2940	2944	2945	rBV2	239141	276548	5.90%	0.951%
55	20.327	2945	2948	2952	rVB	478585	571560	12.20%	1.965%
56	20.403	2957	2961	2966	rBV4	141509	179070	3.82%	0.616%
57	20.474	2970	2973	2974	rBV2	49486	49347	1.05%	0.170%
58	20.562	2981	2988	2995	rBV	726148	1222133	26.10%	4.201%
59	20.868	3037	3040	3046	rVB2	231175	284201	6.07%	0.977%
60	21.245	3098	3104	3114	rBV	3183714	4683320	100.00%	16.099%
61	23.450	3473	3479	3489	rVB2	2386549	4383377	93.60%	15.068%

Sum of corrected areas: 29090617

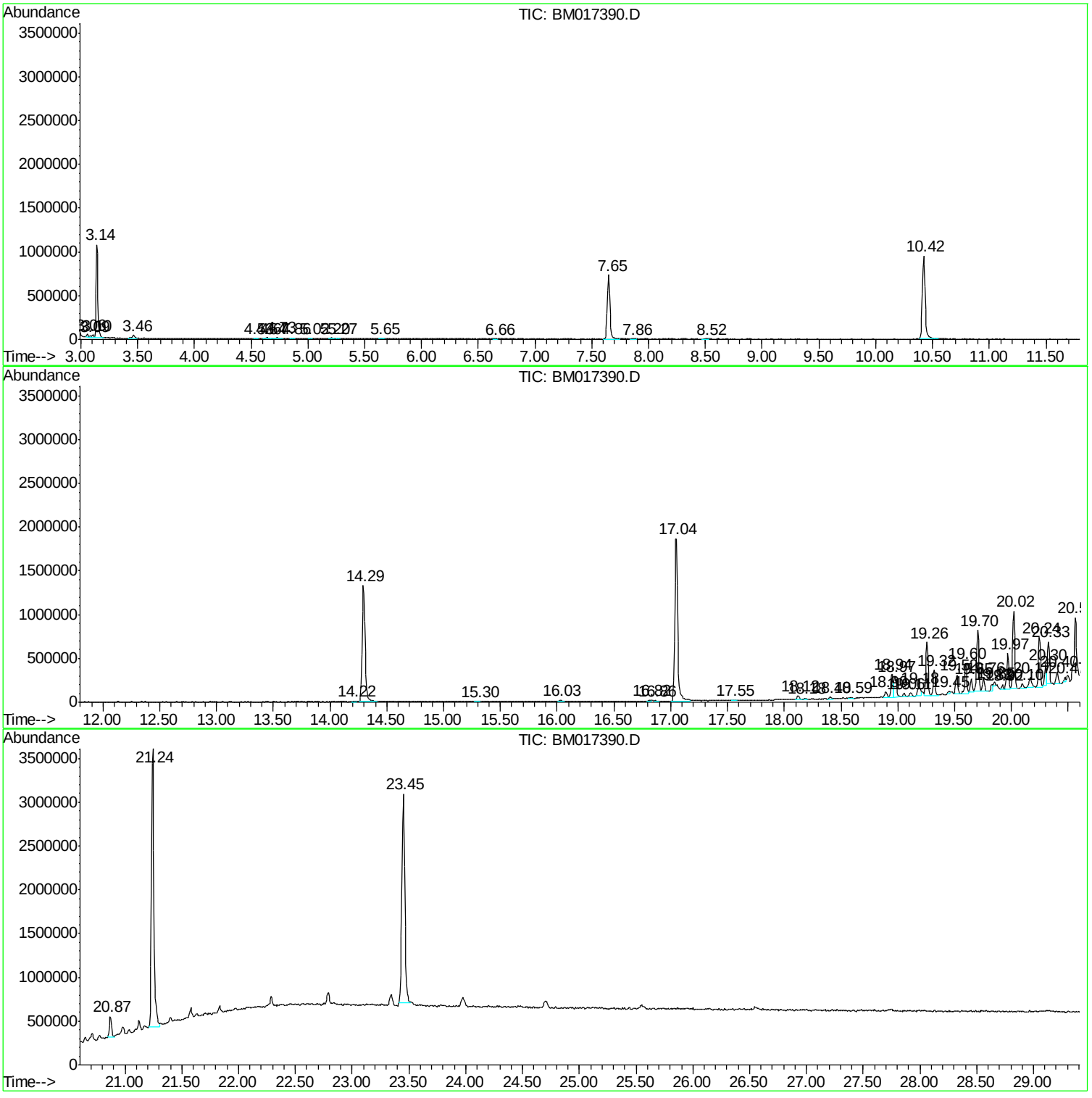
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

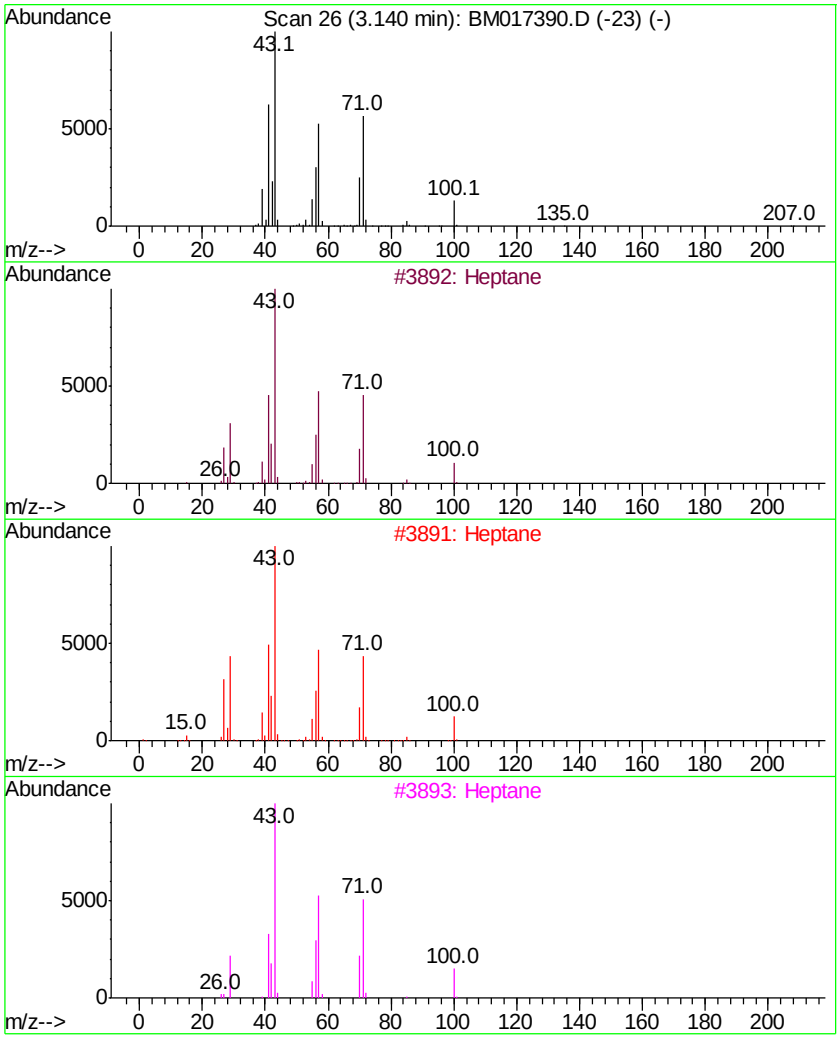
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

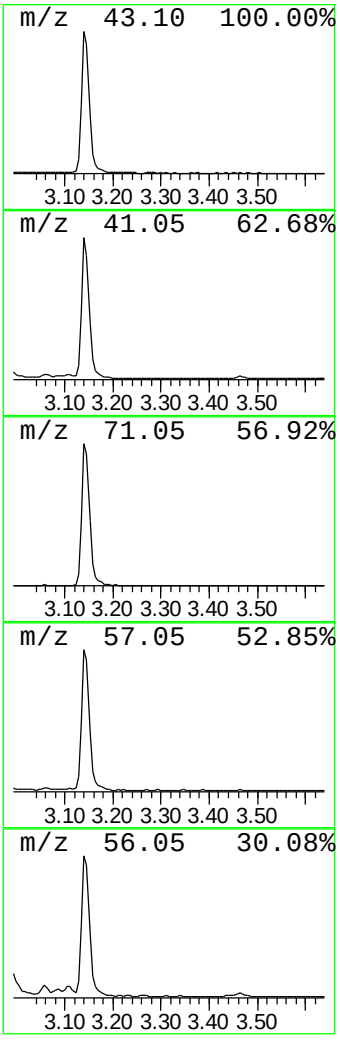
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	18.92 ng/ul	1187190	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
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	Hexane, 3-methyl-	100	C7H16	000589-34-4	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

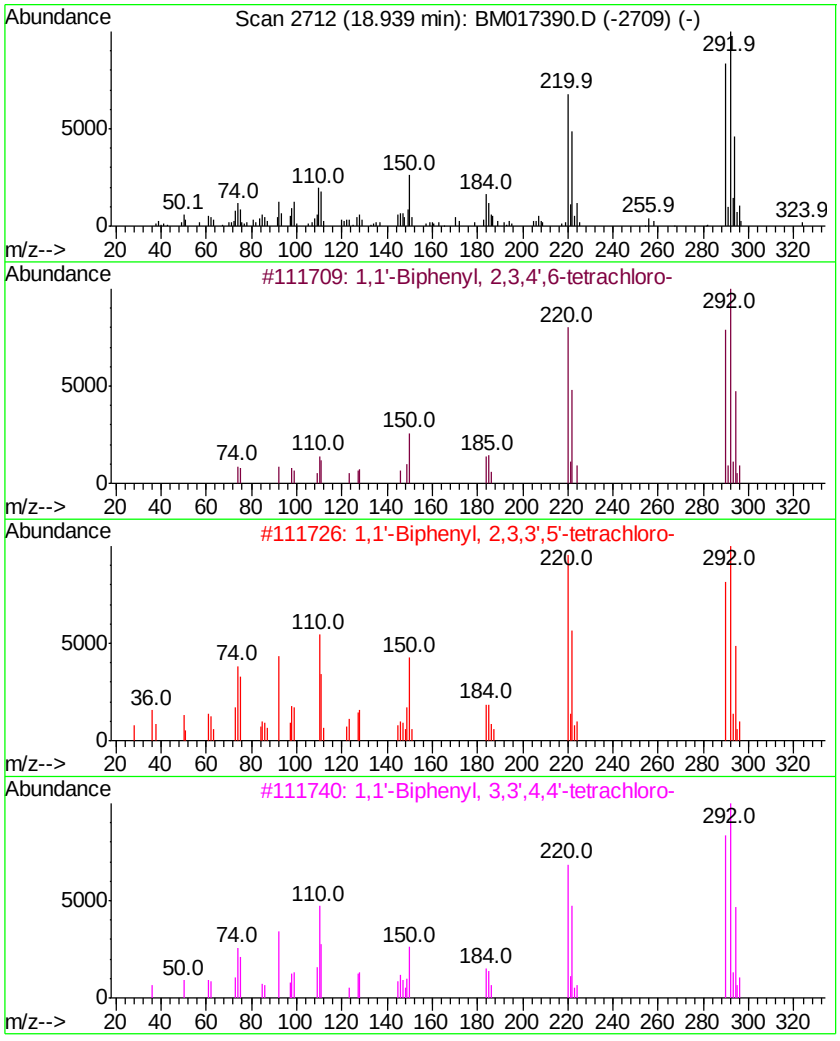
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

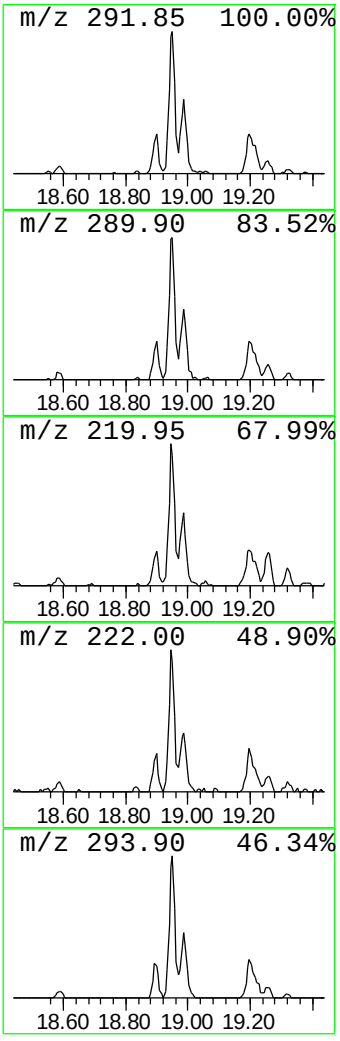
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.46 ng/ul	399812	Phenanthrene-d10	17.04

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, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

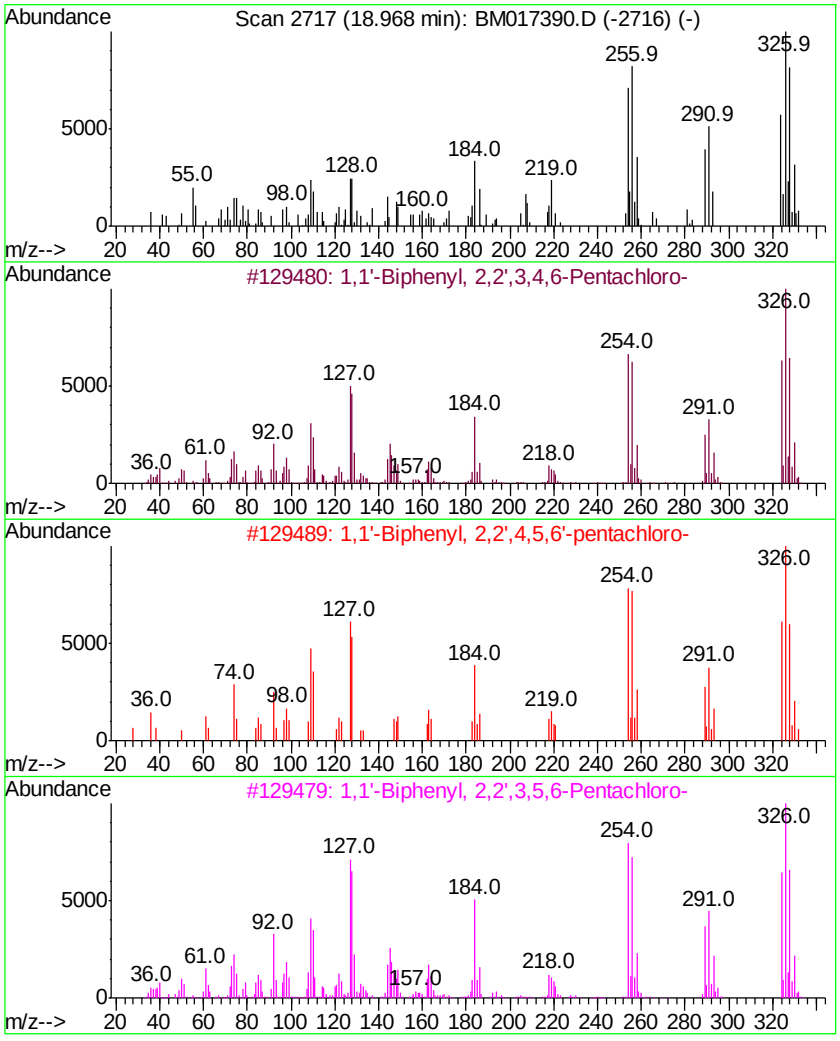
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

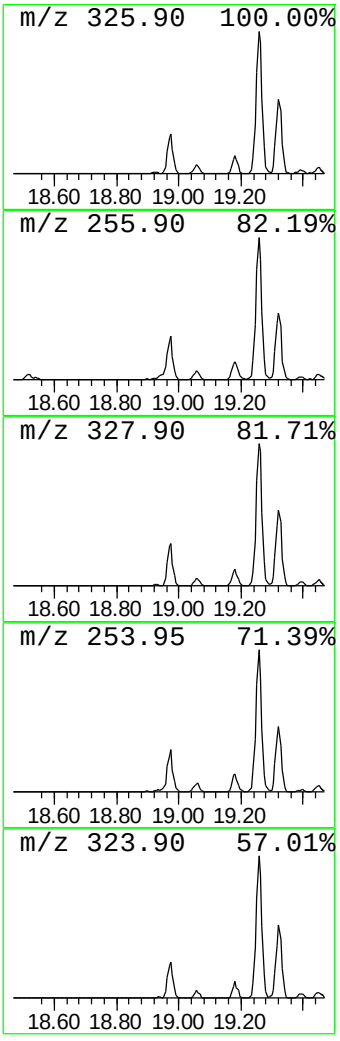
****

Peak Number 3 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	2.15 ng/ul	349507	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	96
2	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	95
3	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	95
4	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	95
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

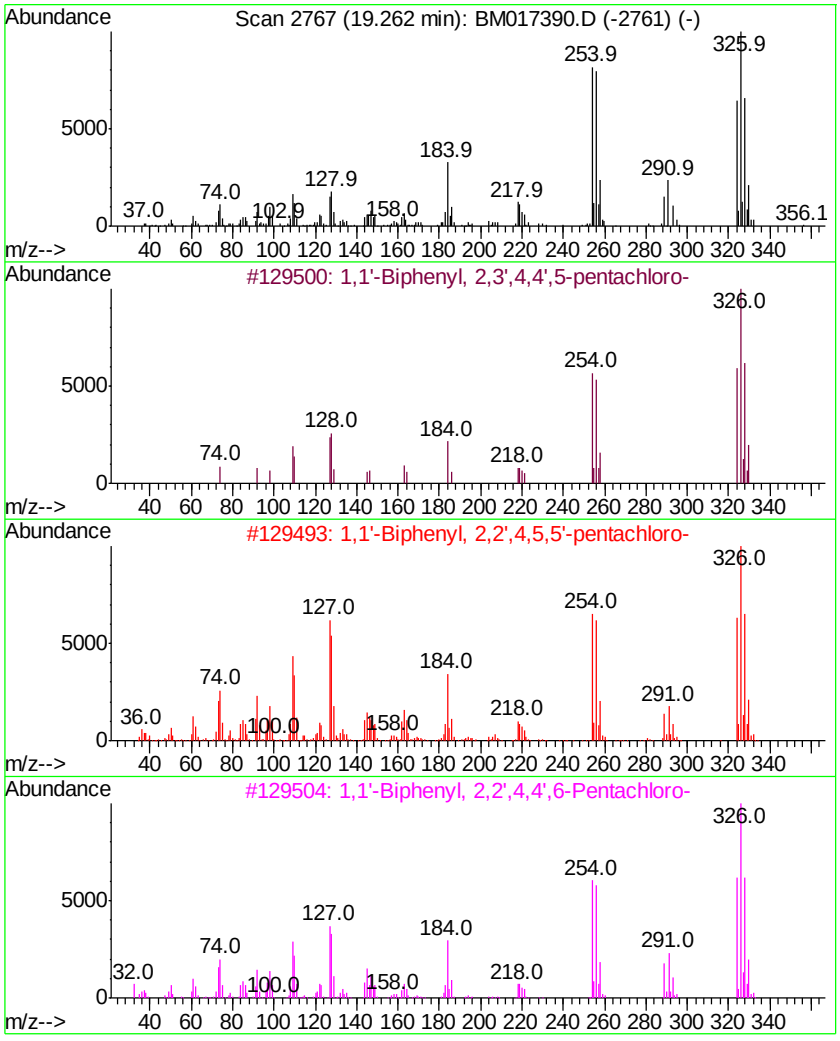
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

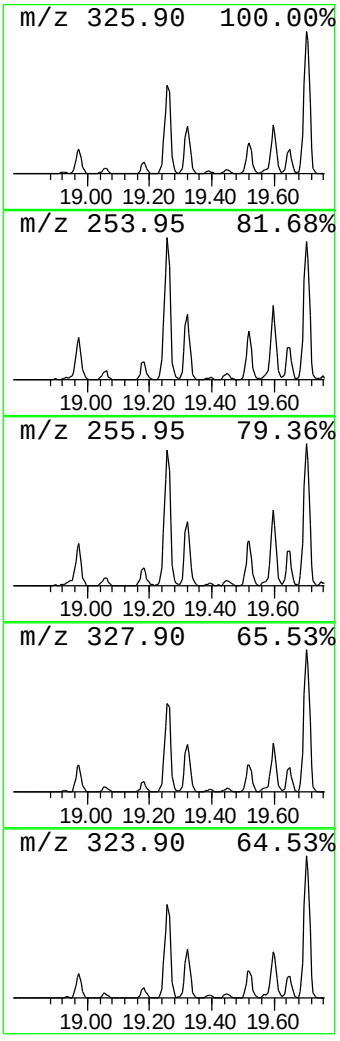
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.53 ng/ul	826293	Chrysene-d12	21.24

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	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

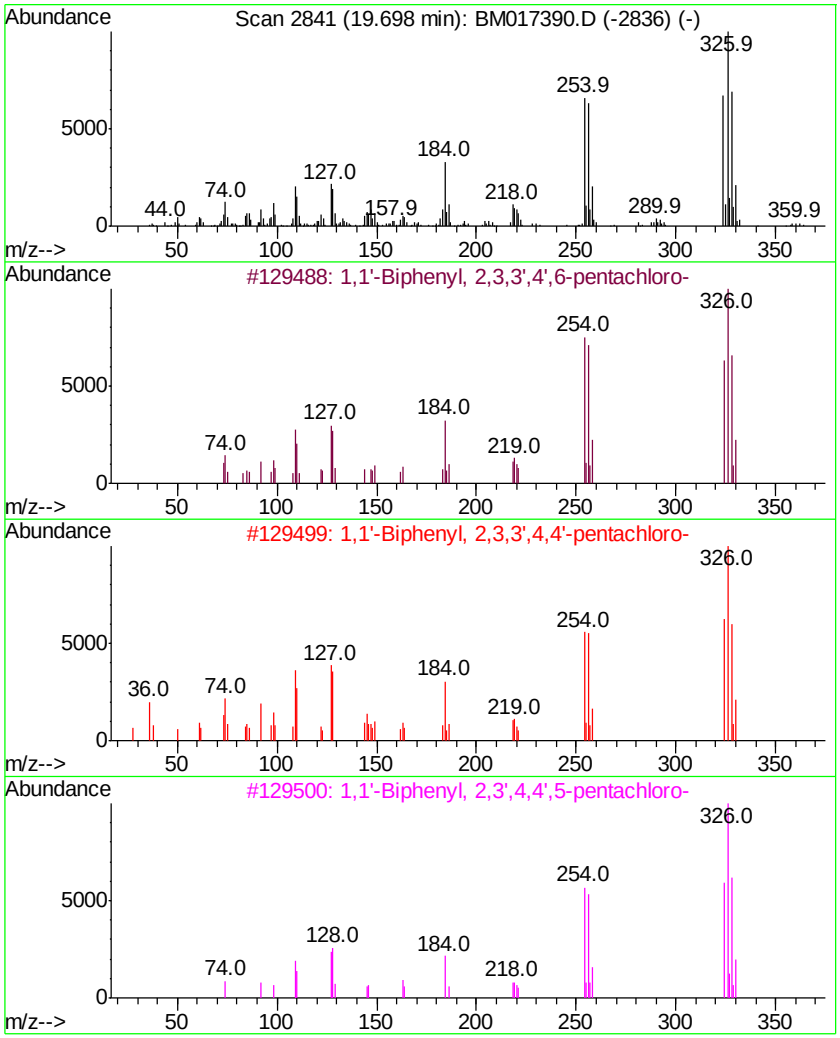
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

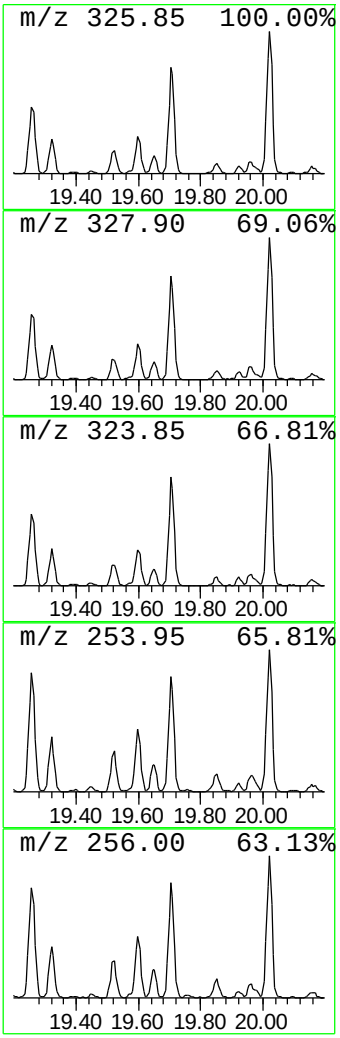
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.94 ng/ul	922478	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

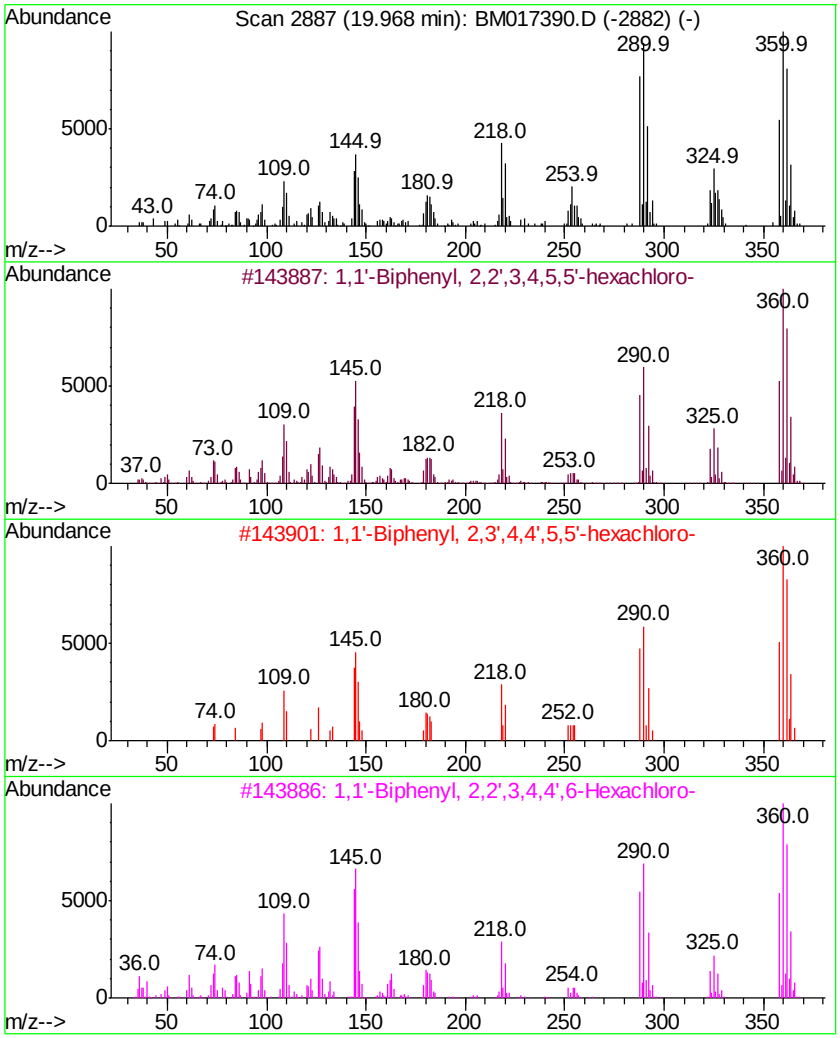
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

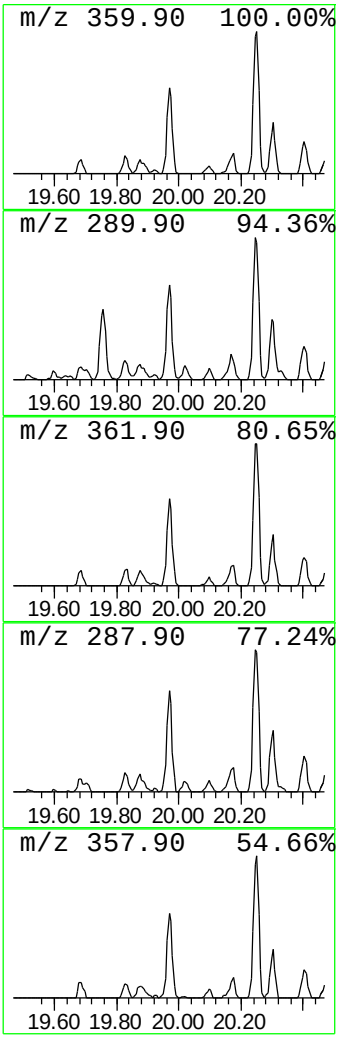
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.41 ng/ul	563764	Chrysene-d12	21.24

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	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

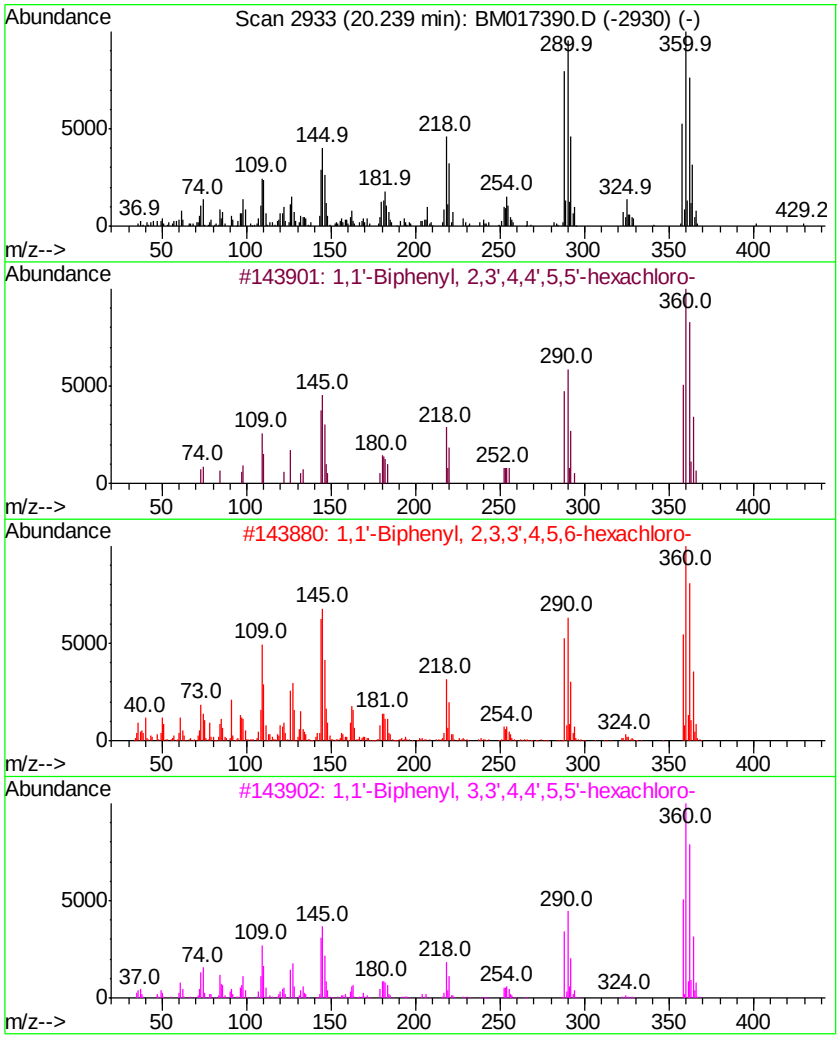
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

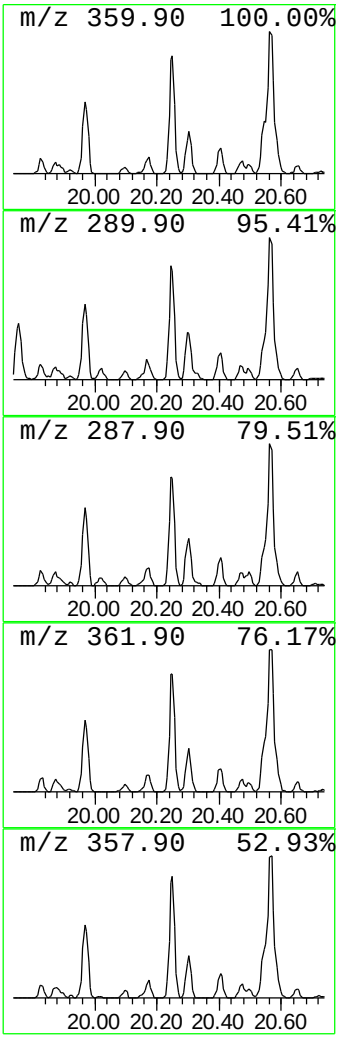
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.98 ng/ul	697789	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

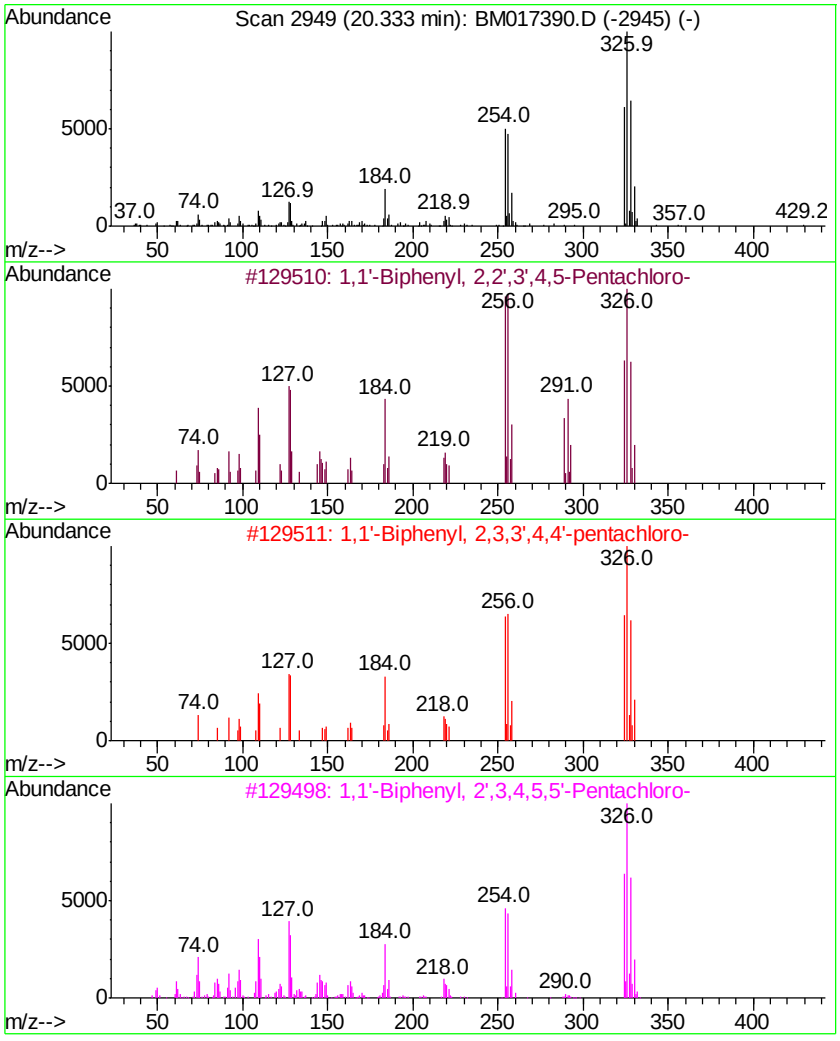
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

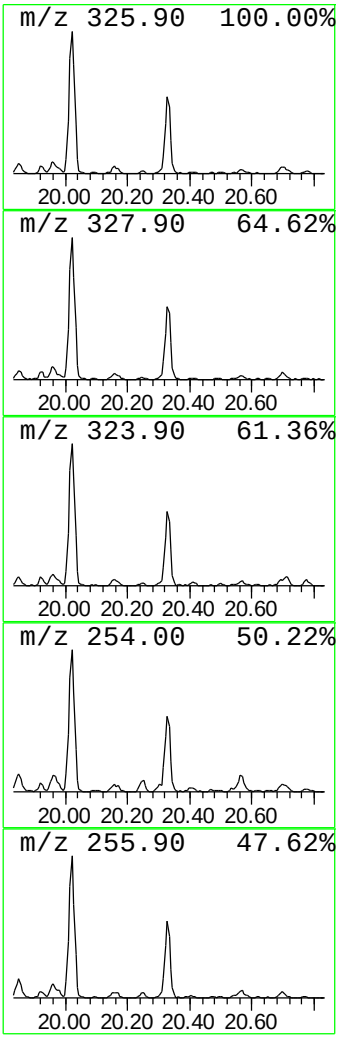
****

Peak Number 9 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	2.44 ng/ul	571560	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	97
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	95
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

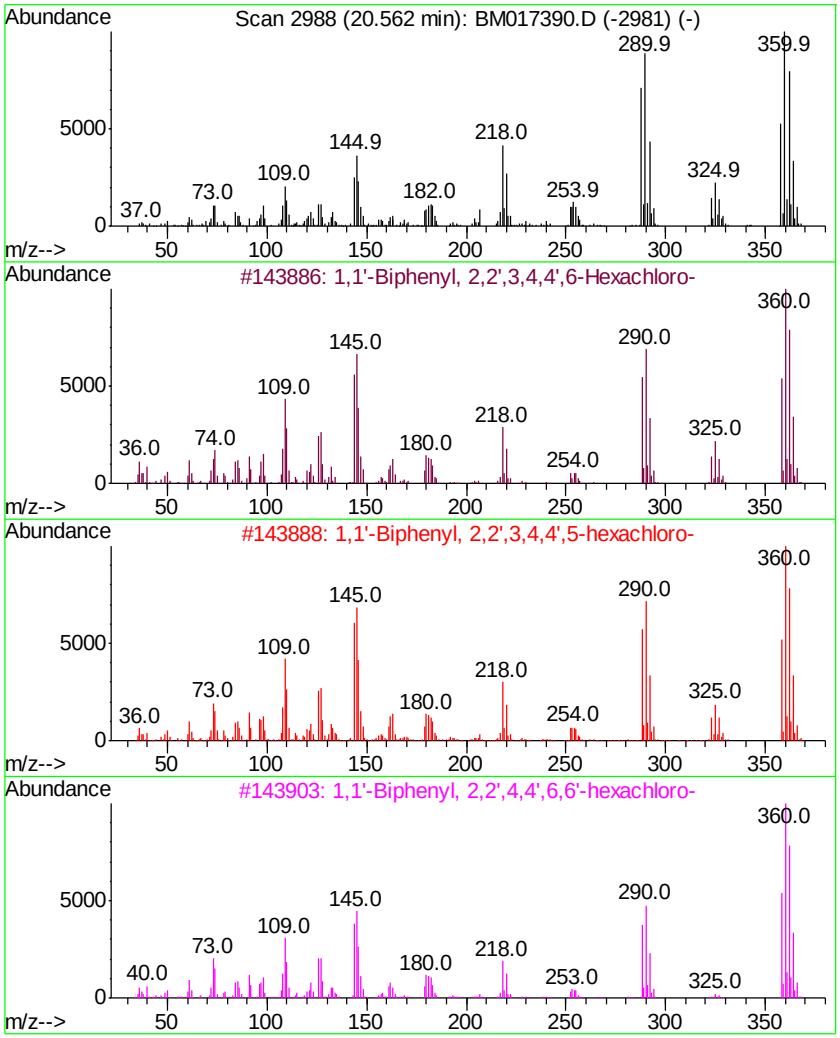
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

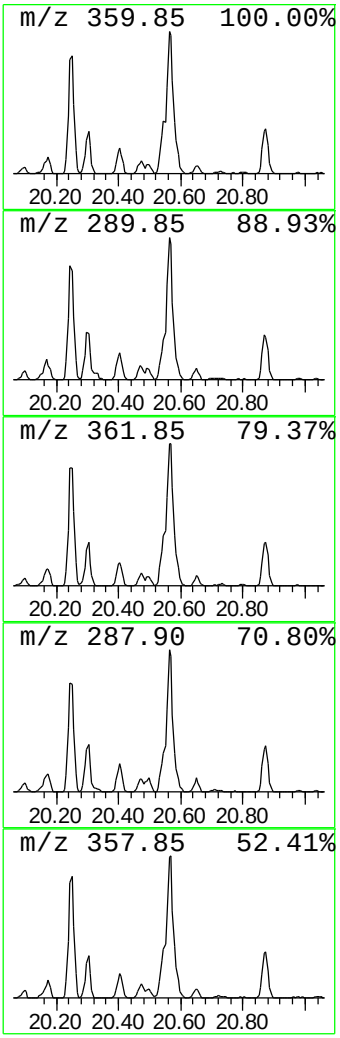
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	5.22 ng/ul	1222130	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
2	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102718\
Data File : BM017390.D
Acq On : 27 Oct 2018 16:35
Operator : MJ/SJ
Sample : J5674-12
Misc : GCMS Confirmation
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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
(DEL) Alkane: Str...	3.14	18.9	ng/ul	1187190	1	7.65	1255000	20.0
1,1'-Biphenyl, 2,...	18.94	2.5	ng/ul	399812	4	17.04	3245130	20.0
1,1'-Biphenyl, 2,...	18.97	2.1	ng/ul	349507	4	17.04	3245130	20.0
1,1'-Biphenyl, 2,...	19.26	3.5	ng/ul	826293	5	21.24	4683320	20.0
1,1'-Biphenyl, 2,...	19.70	3.9	ng/ul	922478	5	21.24	4683320	20.0
1,1'-Biphenyl, 2,...	19.97	2.4	ng/ul	563764	5	21.24	4683320	20.0
1,1'-Biphenyl, 2,...	20.24	3.0	ng/ul	697789	5	21.24	4683320	20.0
1,1'-Biphenyl, 2,...	20.33	2.4	ng/ul	571560	5	21.24	4683320	20.0
1,1'-Biphenyl, 2,...	20.56	5.2	ng/ul	1222130	5	21.24	4683320	20.0