LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016962.D
Acq On : 02 Oct 2018 15:41
Operator : MJ/SJ
Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

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-BM091018MA.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	3.028	5	7	13	rVB	96773	101453	0.87%	0.071%
2	3.193	31	35	39	rVB	1501033	1522527	13.04%	1.065%
3	7.710	796	803	813	rBV	1927451	3053960	26.15%	2.136%
4	8.934	1003	1011	1014	rBV5	8771	16615	0.14%	0.012%
5	10.351	1246	1252	1260	rVB	185504	292117	2.50%	0.204%
6	10.486	1264	1275	1283	rBV	2648733	4446834	38.08%	3.111%
7	10.869	1334	1340	1350	rBV	53554	88295	0.76%	0.062%
8	11.922	1513	1519	1523	rBV2	14176	22292	0.19%	0.016%
9	12.522	1616	1621	1629	rBV2	30361	44855	0.38%	0.031%
10	13.139	1721	1726	1730	rBV	78390	115496	0.99%	0.081%
11	14.180	1898	1903	1910	rVB6	9161	16863	0.14%	0.012%
12	14.351	1922	1932	1940	rBV2	3711612	5726030	49.04%	4.006%
13	14.751	1996	2000	2004	rBV4	8801	12516	0.11%	0.009%
14	14.880	2019	2022	2030	rBV7	10778	20698	0.18%	0.014%
15	15.068	2050	2054	2061	rBV8	5879	12078	0.10%	0.008%
16	15.145	2061	2067	2071	rBV6	15835	28149	0.24%	0.020%
17	15.215	2075	2079	2083	rBV6	7563	14356	0.12%	0.010%
18	15.345	2098	2101	2104	rBV2	18304	23036	0.20%	0.016%
19	15.398	2106	2110	2114	rBV5	12246	21713	0.19%	0.015%
20	15.615	2143	2147	2153	rBV9	13365	29437	0.25%	0.021%
21	16.080	2222	2226	2227	rBV4	29776	39950	0.34%	0.028%
22	16.921	2366	2369	2376	rVB7	43475	67631	0.58%	0.047%
23	17.098	2393	2399	2404	rBV2	4002616	5875247	50.32%	4.110%
24	18.168	2578	2581	2586	rVB	277719	363534	3.11%	0.254%
25	19.021	2721	2726	2732	rVB	2598883	3323185	28.46%	2.325%
26	19.156	2745	2749	2757	rVB	414055	567472	4.86%	0.397%
27	19.227	2758	2761	2766	rVV	359852	444220	3.80%	0.311%
28	19.309	2770	2775	2781	rVB	3533851	4383887	37.54%	3.067%
29	19.439	2793	2797	2802	rVB	610900	669900	5.74%	0.469%
30	19.521	2808	2811	2814	rVB	205209	231500	1.98%	0.162%
31	19.650	2829	2833	2837	rVB	481340	600343	5.14%	0.420%
32	19.733	2843	2847	2849	rBV	1567041	2118374	18.14%	1.482%
33	19.880	2867	2872	2876	rBV	3291849	4047453	34.66%	2.831%
34	19.921	2876	2879	2886	rVB	1299051	2286508	19.58%	1.600%

LSC Area Percent Report

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Data File : BM016962.D
Acq On : 02 Oct 2018 15:41
Operator : MJ/SJ
Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

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-BM091018MA.M
Title : SVOA CALIBRATION

35	20.021	2891	2896	2900	rVV	9060202	10630823	91.04%	7.437%
36	20.068	2900	2904	2909	rVB2	686987	855570	7.33%	0.599%
37	20.145	2914	2917	2923	rVB2	451146	540387	4.63%	0.378%
38	20.221	2925	2930	2938	rVB	1254917	1549285	13.27%	1.084%
39	20.297	2938	2943	2948	rBV	9269148	11676816	100.00%	8.168%
40	20.350	2948	2952	2962	rVB	2485458	3213255	27.52%	2.248%
41	20.456	2965	2970	2974	rBV3	3537010	5639388	48.30%	3.945%
42	20.550	2982	2986	2989	rBV	953947	1138946	9.75%	0.797%
43	20.615	2994	2997	3003	rVV	6115824	8139208	69.70%	5.694%
44	20.662	3003	3005	3009	rVB	821091	889889	7.62%	0.623%
45	20.733	3014	3017	3018	rVV2	177923	205492	1.76%	0.144%
46	20.762	3018	3022	3028	rVB	5248079	6152001	52.69%	4.304%
47	20.827	3028	3033	3038	rBV	2535660	3089623	26.46%	2.161%
48	20.921	3045	3049	3052	rBV	673951	780145	6.68%	0.546%
49	20.956	3052	3055	3061	rVB2	544134	679524	5.82%	0.475%
50	21.033	3062	3068	3073	rBV	4613312	5658569	48.46%	3.958%
51	21.086	3073	3077	3083	rBV2	2626809	3244410	27.79%	2.270%
52	21.139	3083	3086	3089	rBV	1073985	1303039	11.16%	0.912%
53	21.168	3089	3091	3094	rVB	243091	226939	1.94%	0.159%
54	21.244	3100	3104	3107	rBV	597243	676179	5.79%	0.473%
55	21.286	3107	3111	3114	rVV	3960230	5604310	48.00%	3.920%
56	21.321	3114	3117	3122	rVV	9742476	11161795	95.59%	7.808%
57	21.374	3123	3126	3129	rVB	181881	198904	1.70%	0.139%
58	21.456	3136	3140	3145	rVB2	446319	565180	4.84%	0.395%
59	21.627	3164	3169	3175	rBV	3876335	5295578	45.35%	3.704%
60	21.686	3175	3179	3185	rVV	1792777	2179965	18.67%	1.525%
61	21.756	3186	3191	3197	rVB	2040973	2578006	22.08%	1.803%
62	21.886	3210	3213	3217	rBV	221779	249478	2.14%	0.175%
63	22.097	3246	3249	3254	rVB	643208	848012	7.26%	0.593%
64	22.321	3282	3287	3291	rBV2	1509728	2181705	18.68%	1.526%
65	22.856	3374	3378	3384	rVB	281663	408714	3.50%	0.286%
66	23.521	3484	3491	3503	rVB2	2465698	4760326	40.77%	3.330%

Sum of corrected areas: 142949985

LSC Report - Integrated Chromatogram

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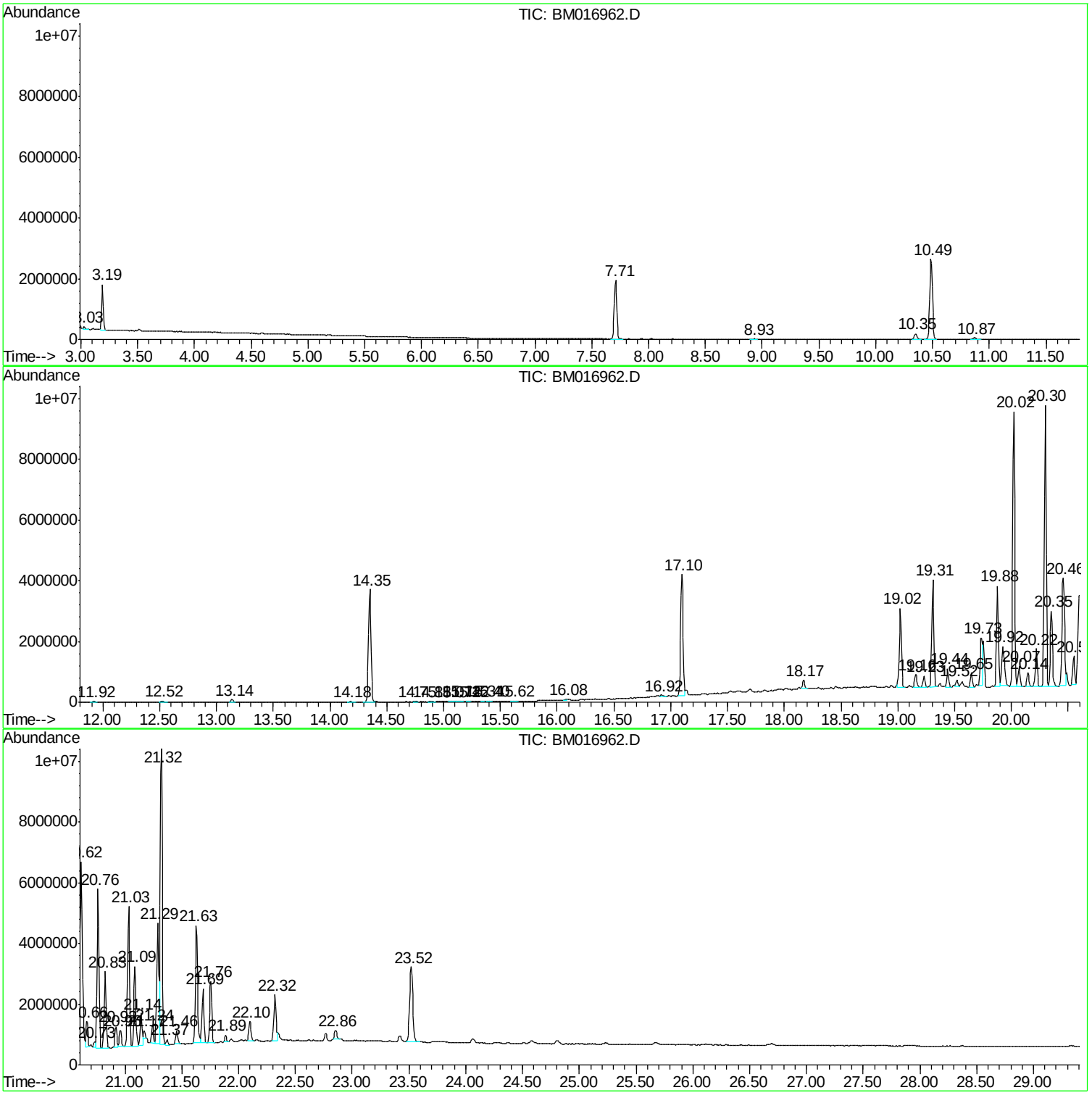
Operator : MJ/SJ
Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016962.D
Acq On : 02 Oct 2018 15:41
Operator : MJ/SJ
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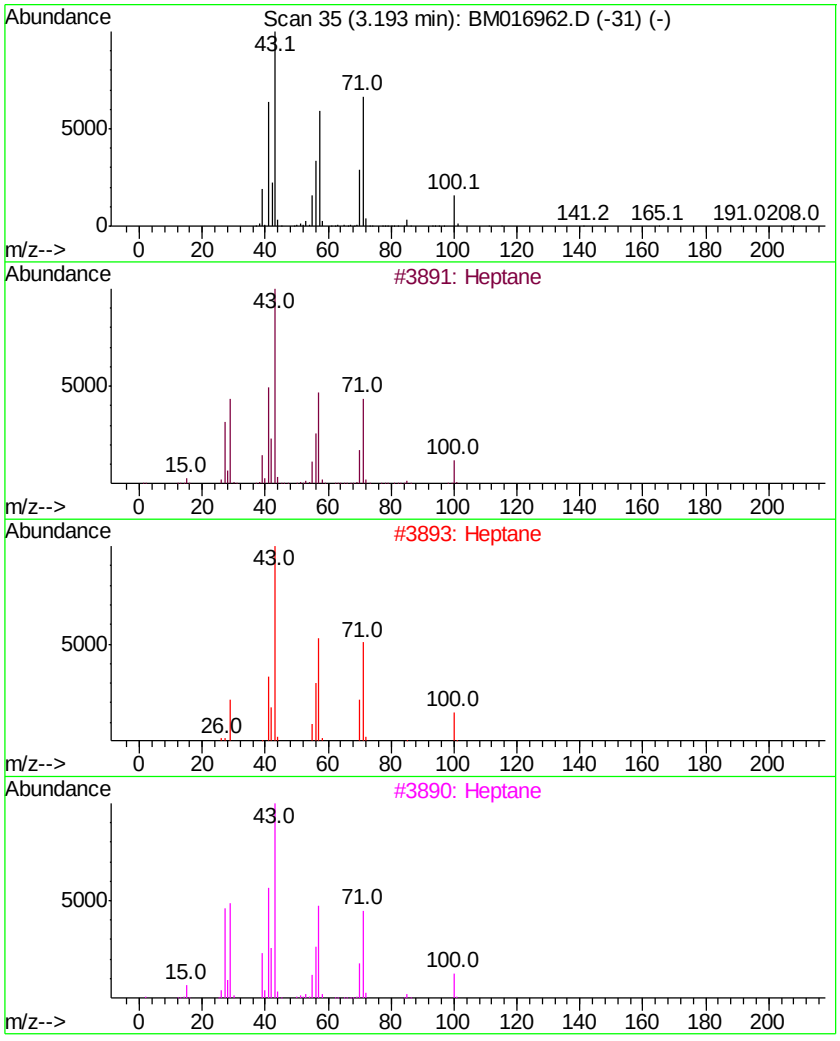
Quant Title : SVOA CALIBRATION

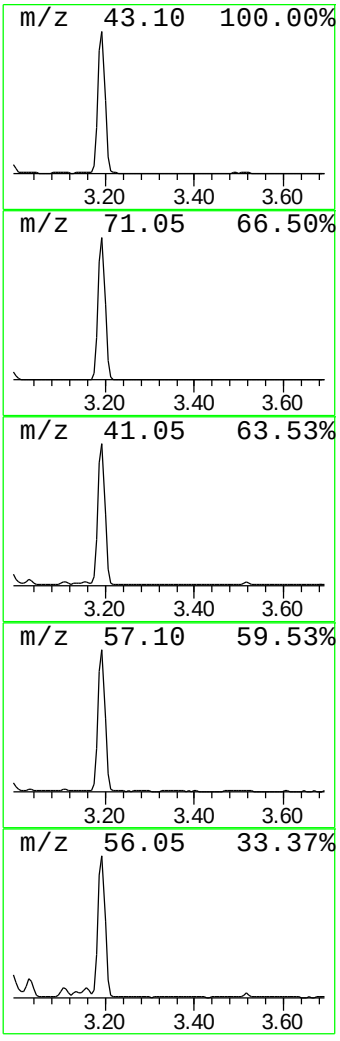
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	9.97 ng/ul	1522530	1,4-Dichlorobenzene-d4	7.71

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	87
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016962.D
Acq On : 02 Oct 2018 15:41
Operator : MJ/SJ
Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

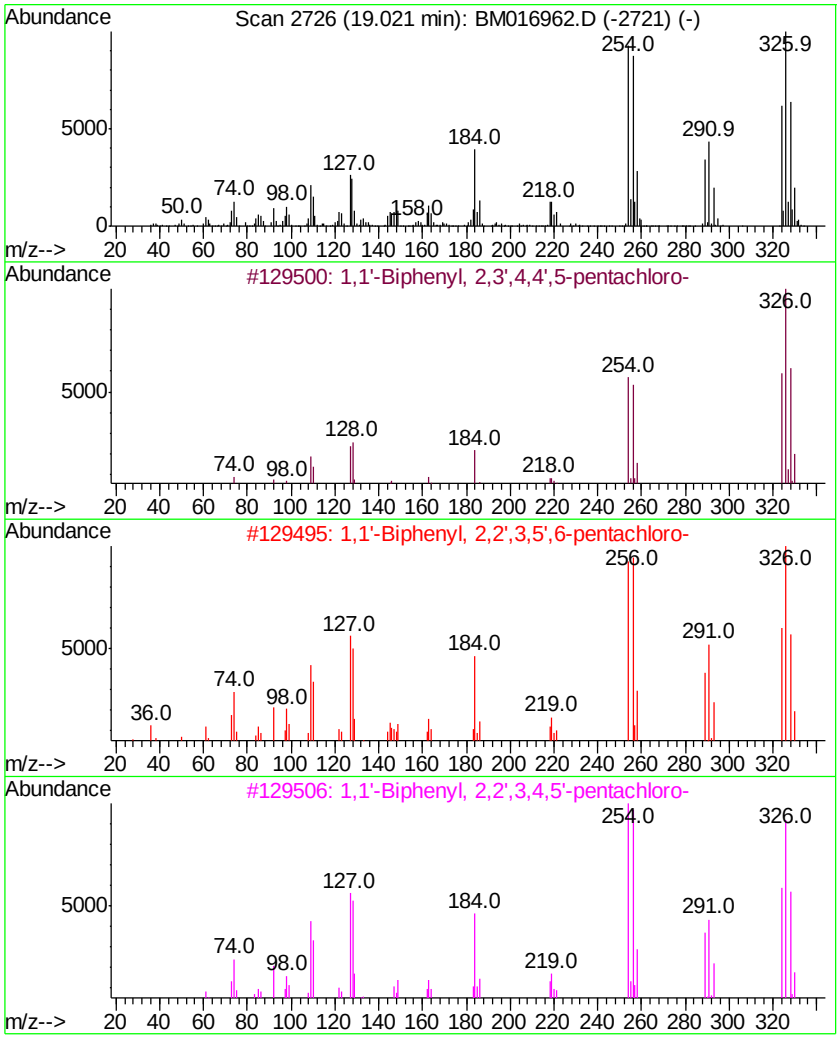
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

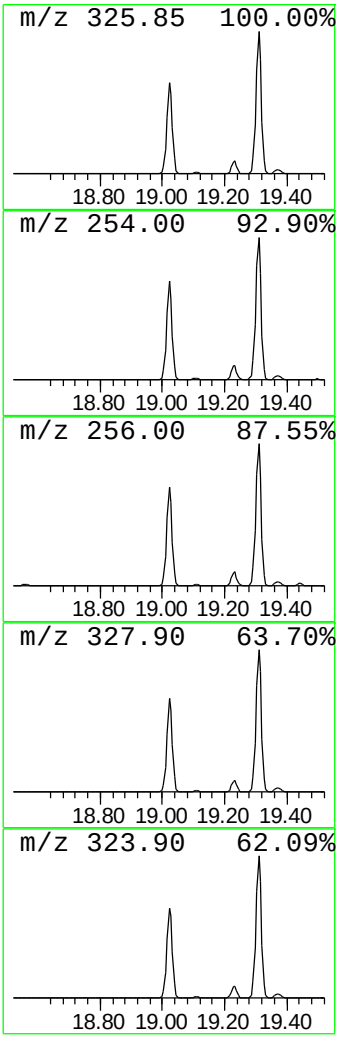
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	11.31 ng/ul	3323190	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
2	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	96
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	96
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	96





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Sample : J5126-12
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ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

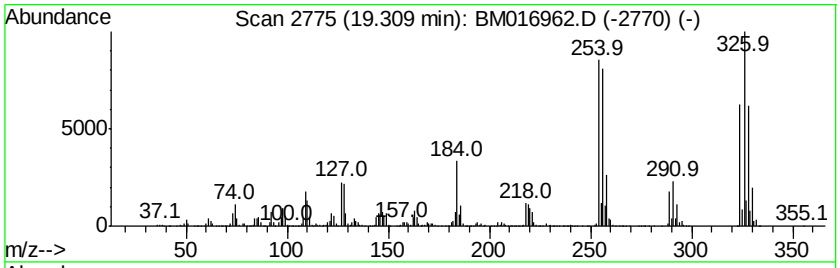
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

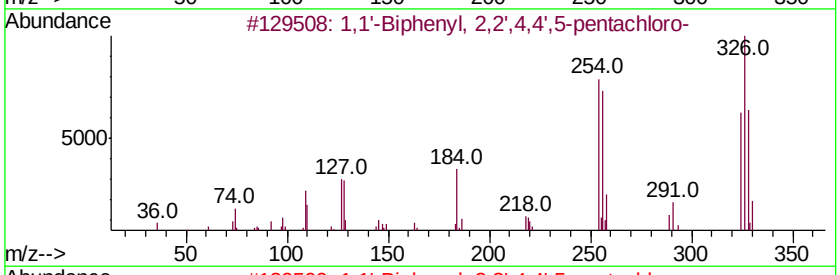
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

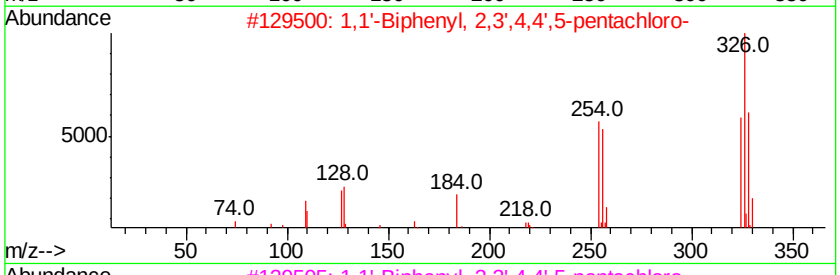
****
Peak Number 3 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 8

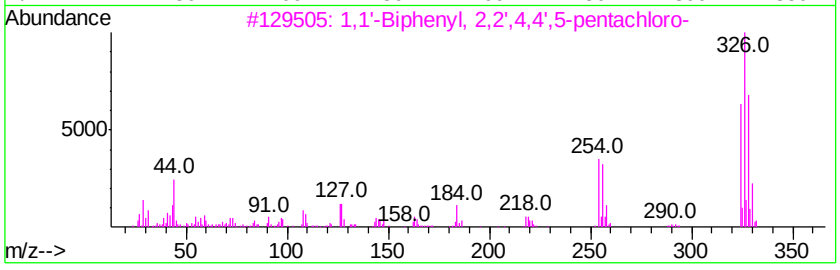
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	15.64 ng/ul	4383890	Chrysene-d12	21.29

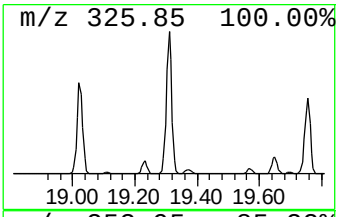
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99

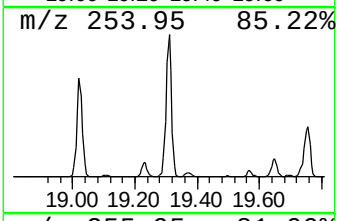


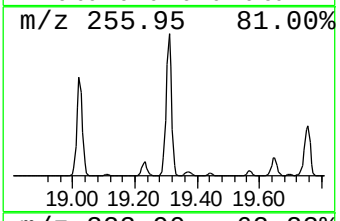


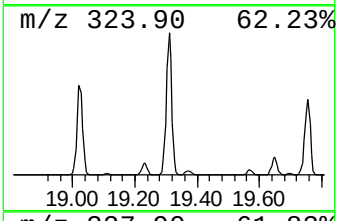


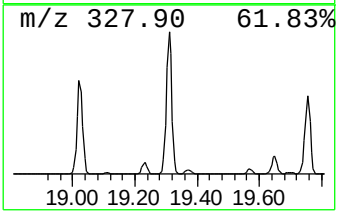












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

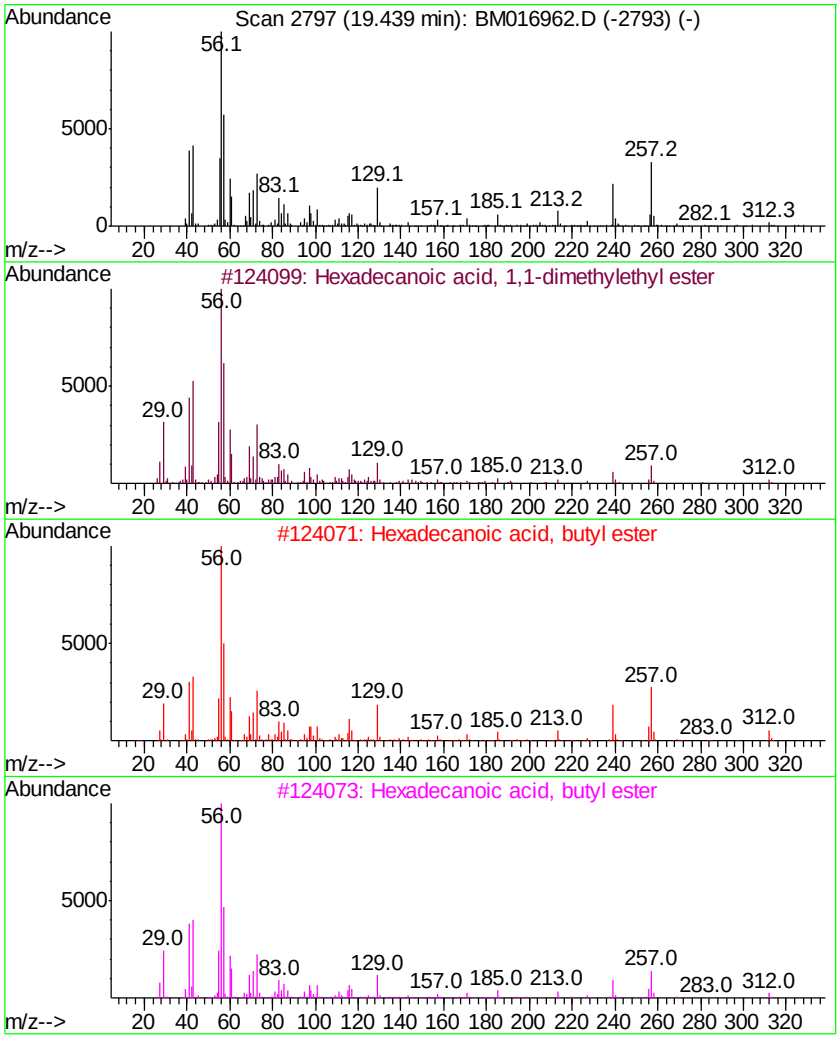
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

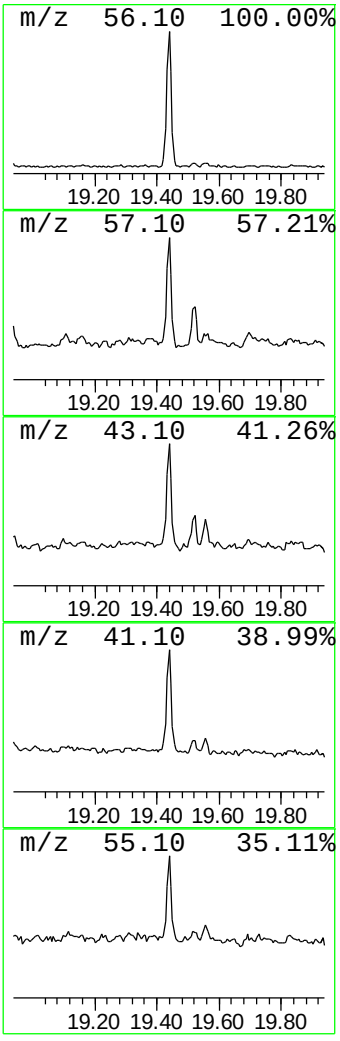
****

Peak Number 4 Hexadecanoic acid, 1,1-dime... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	2.39 ng/ul	669900	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	74
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016962.D
Acq On : 02 Oct 2018 15:41
Operator : MJ/SJ
Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

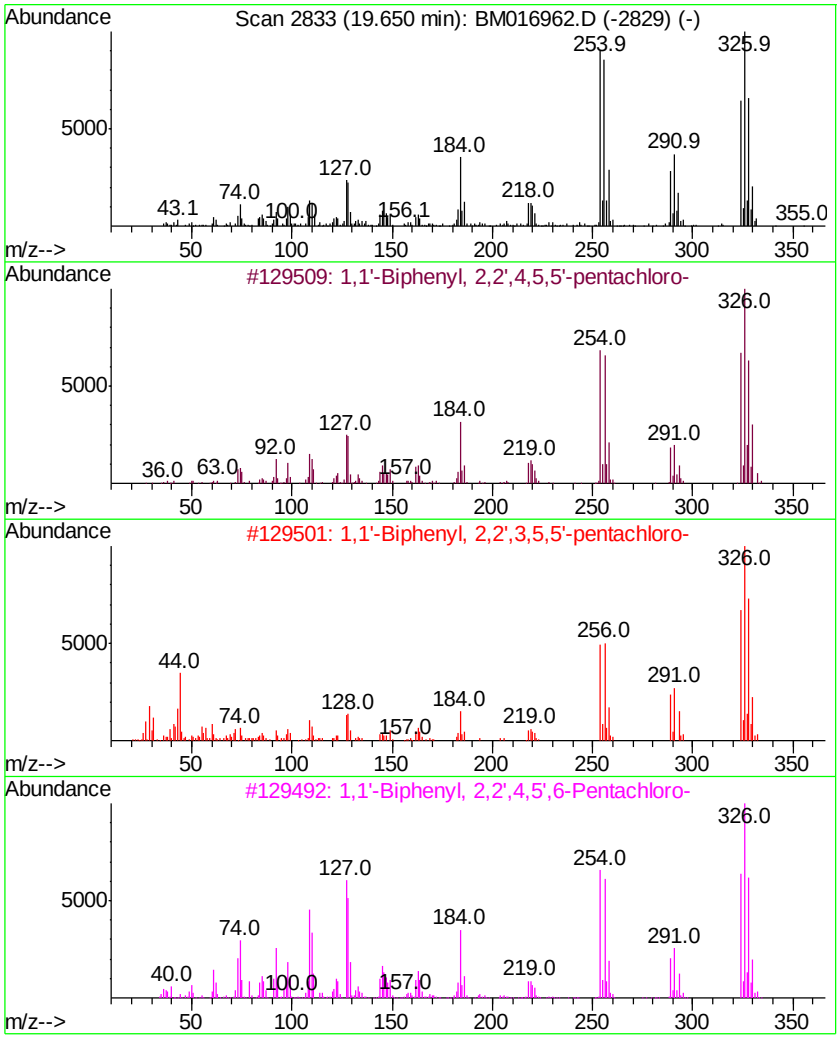
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

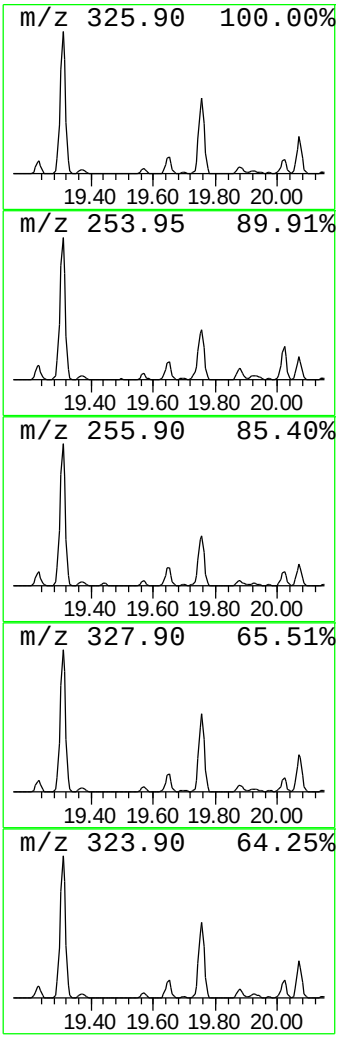
****

Peak Number 5 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.14 ng/ul	600343	Chrysene-d12	21.29

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',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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Instrument : BNA_M
ClientSampleId : C0BA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

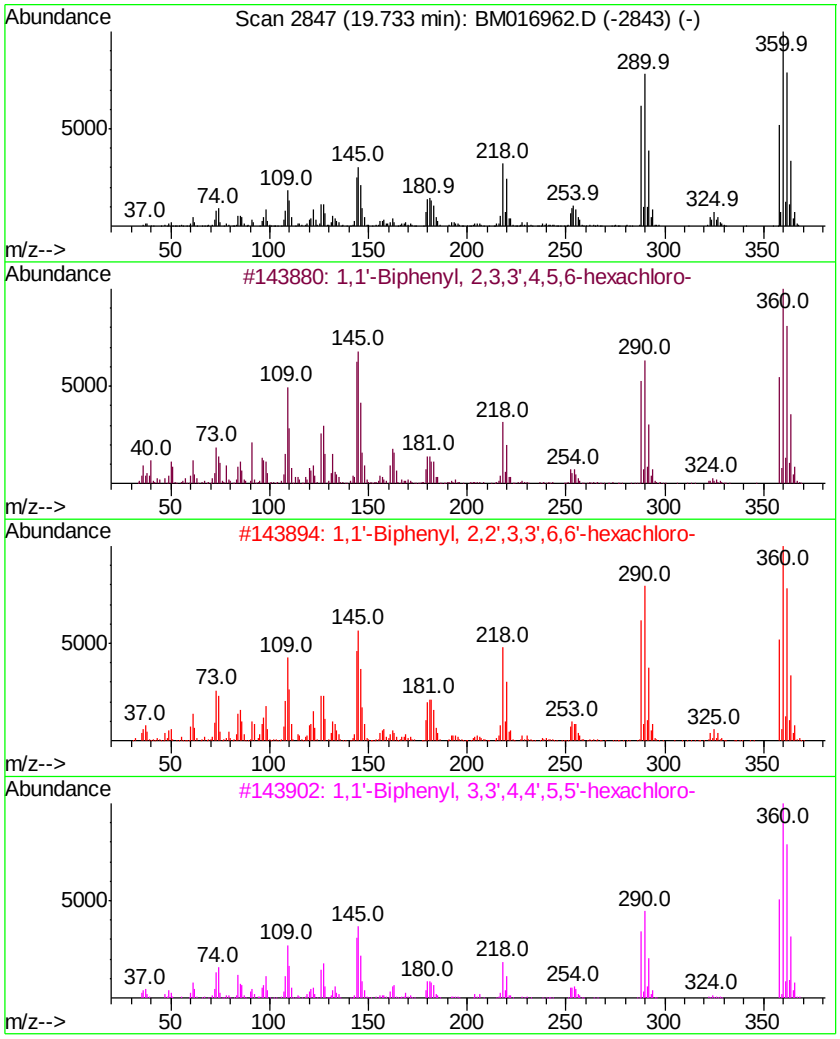
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

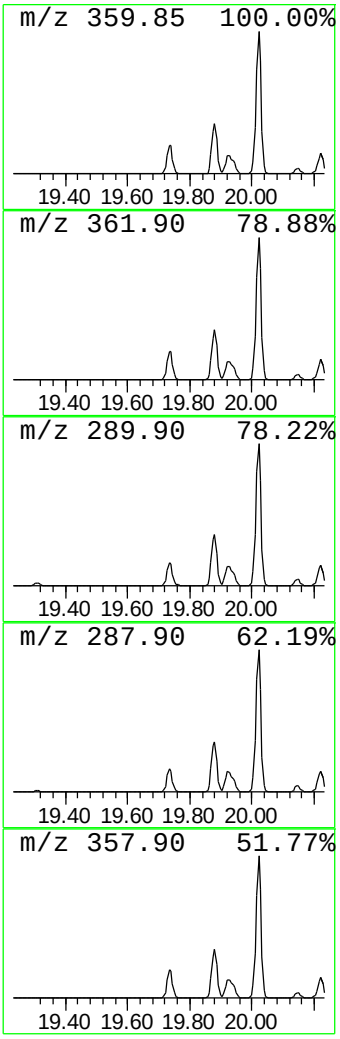
****

Peak Number 6 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	7.56 ng/ul	2118370	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	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	99





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Sample : J5126-12
Misc :
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Instrument : BNA_M
ClientSampleId : C0BA0

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Quant Title : SVOA CALIBRATION

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

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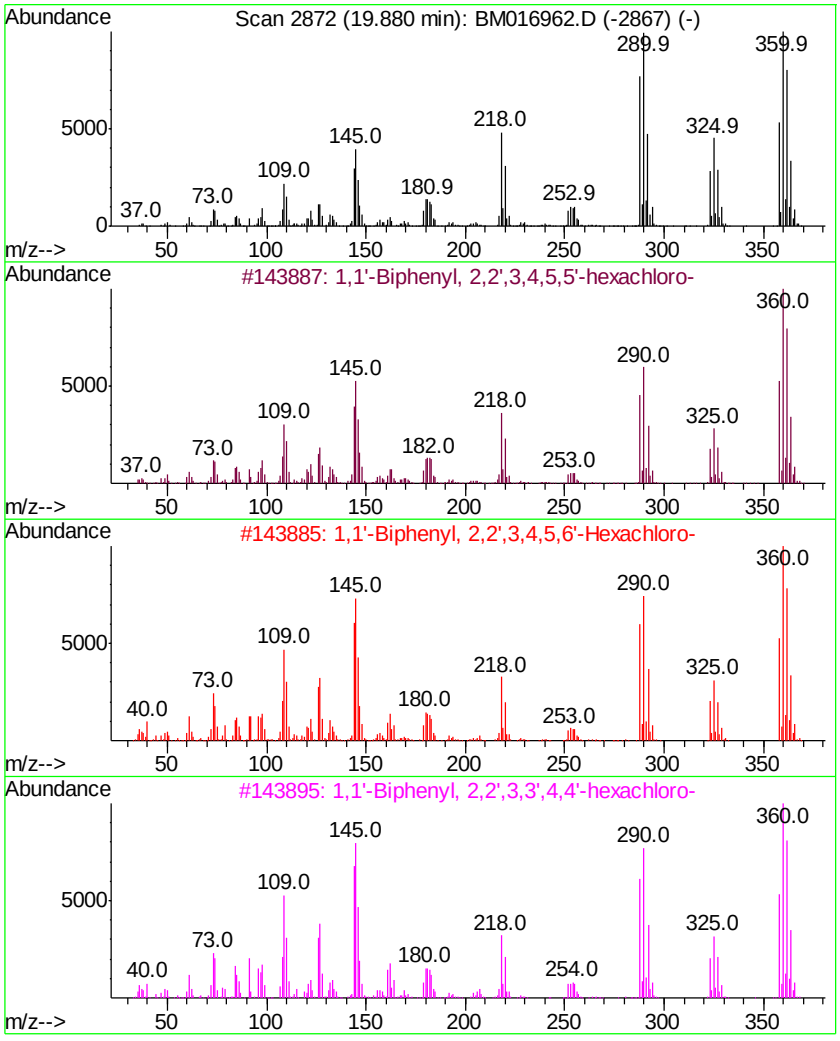
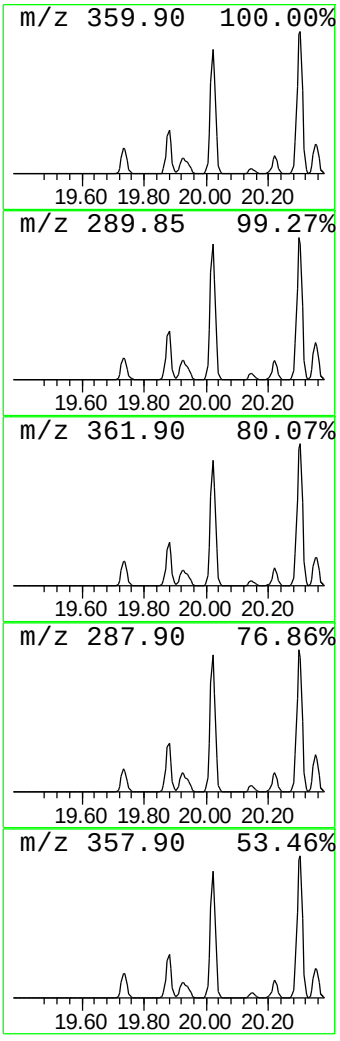
Peak Number 7 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	14.44 ng/ul	4047450	Chrysene-d12	21.29

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, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99





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ClientSampleId : C0BA0

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Quant Title : SVOA CALIBRATION

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

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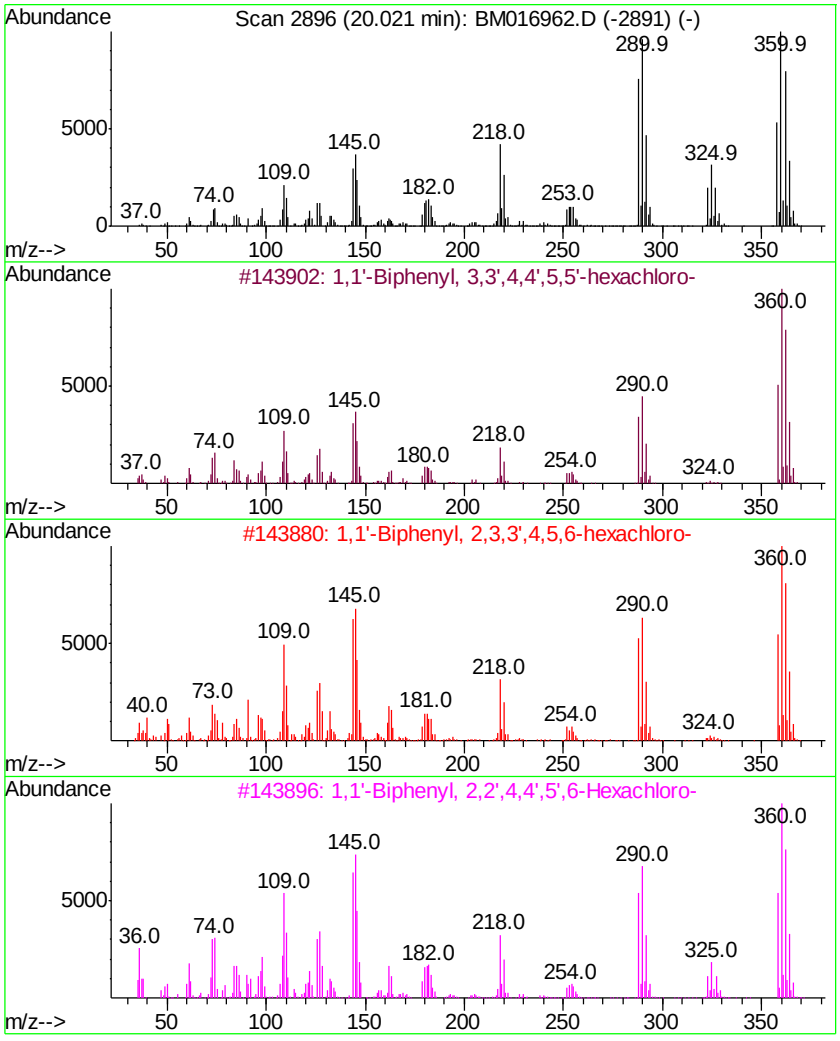
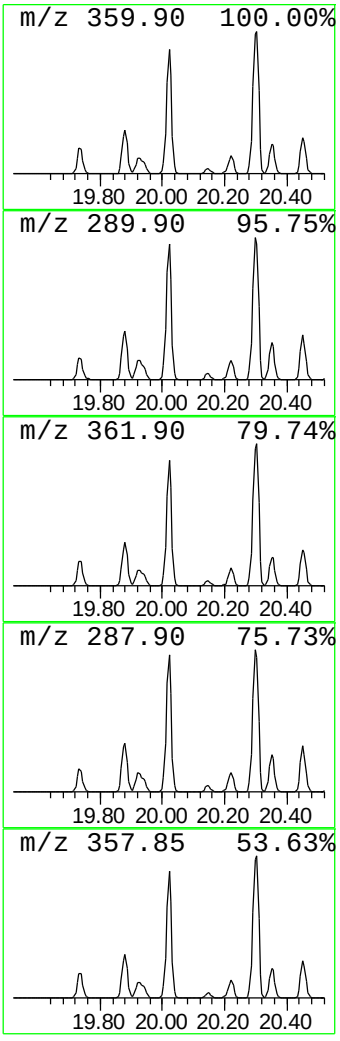
Peak Number 9 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	37.94 ng/ul	10630800	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99





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Quant Title : SVOA CALIBRATION

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

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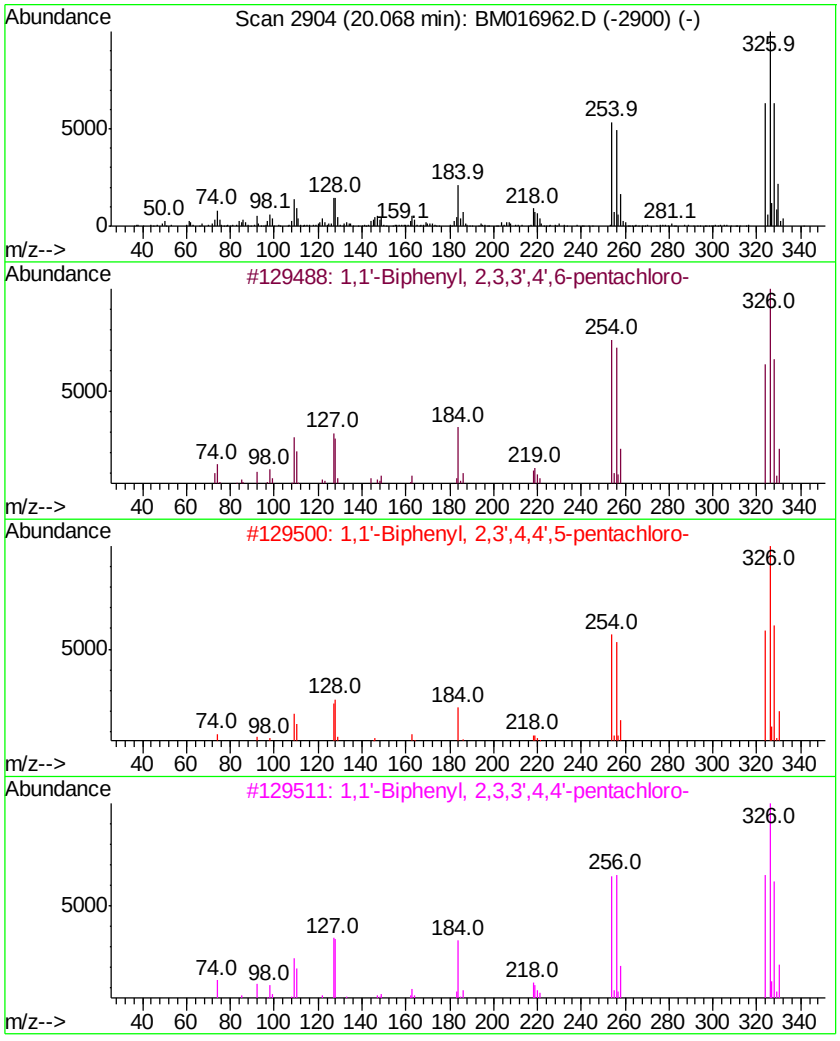
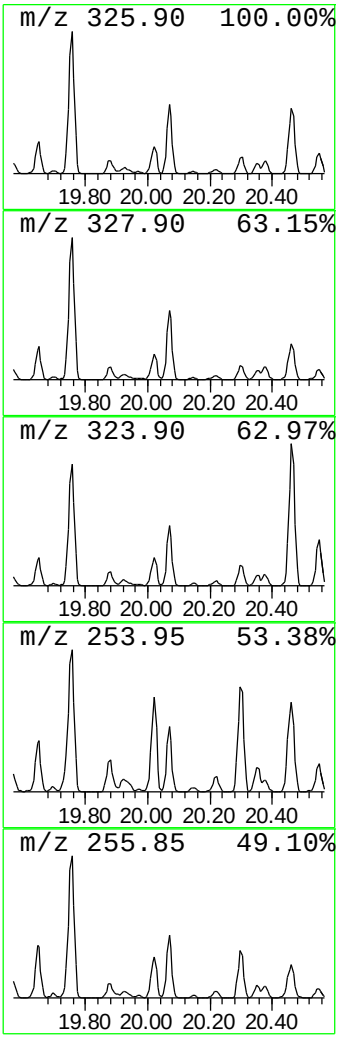
Peak Number 10 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	3.05 ng/ul	855570	Chrysene-d12	21.29

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',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





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

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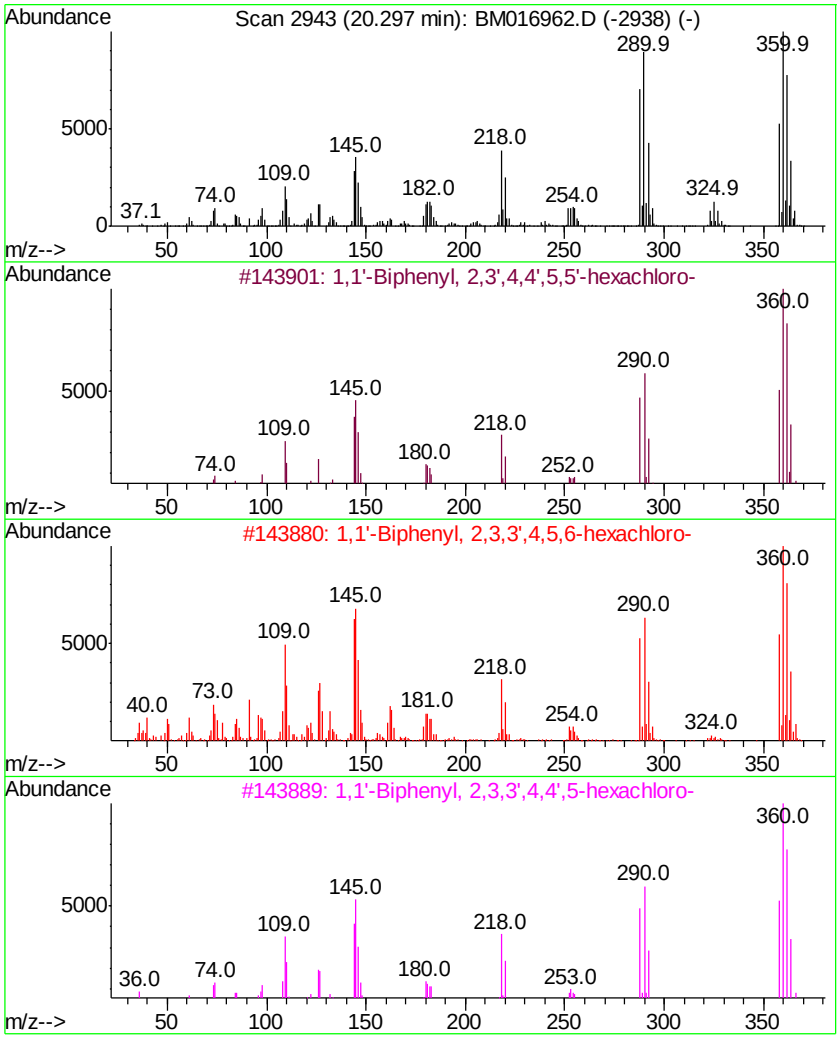
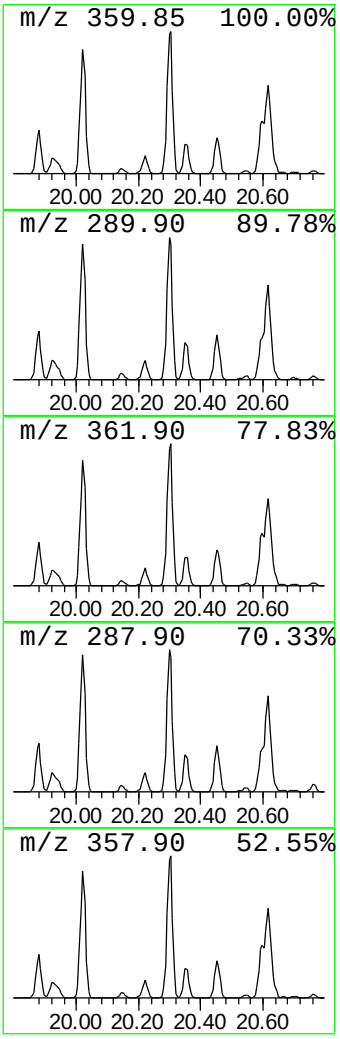
Peak Number 12 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	41.67 ng/ul	11676800	Chrysene-d12	21.29

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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99





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Quant Title : SVOA CALIBRATION

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

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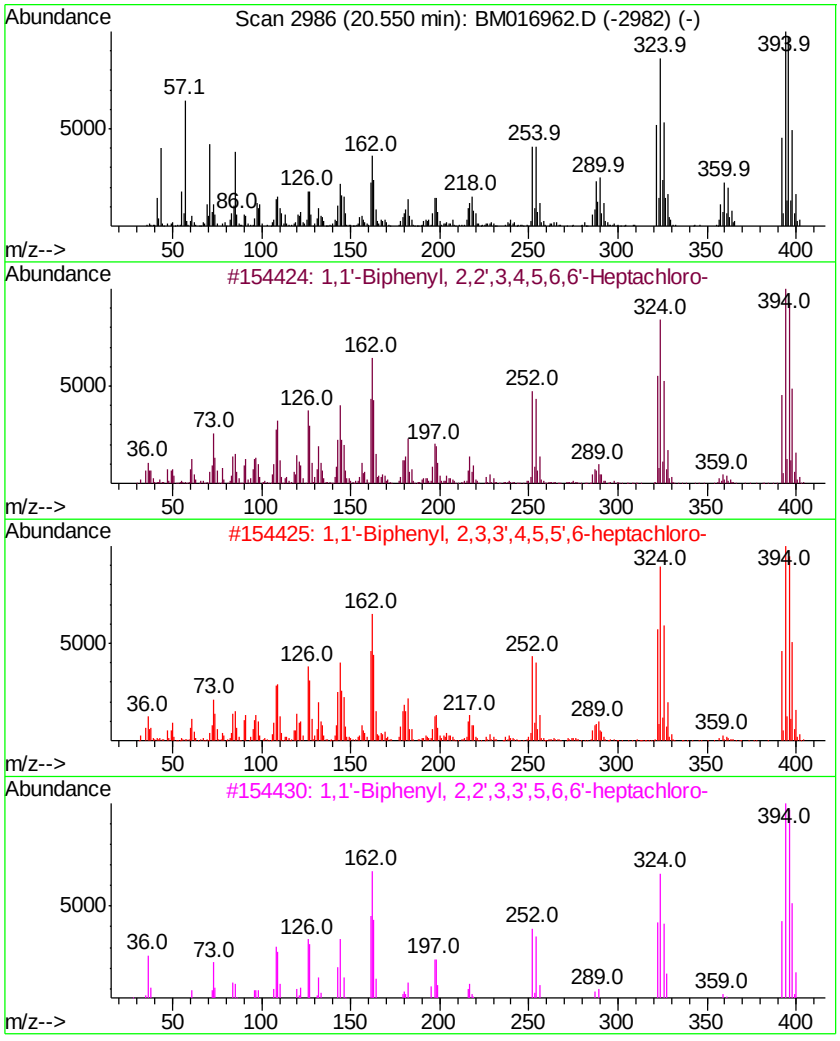
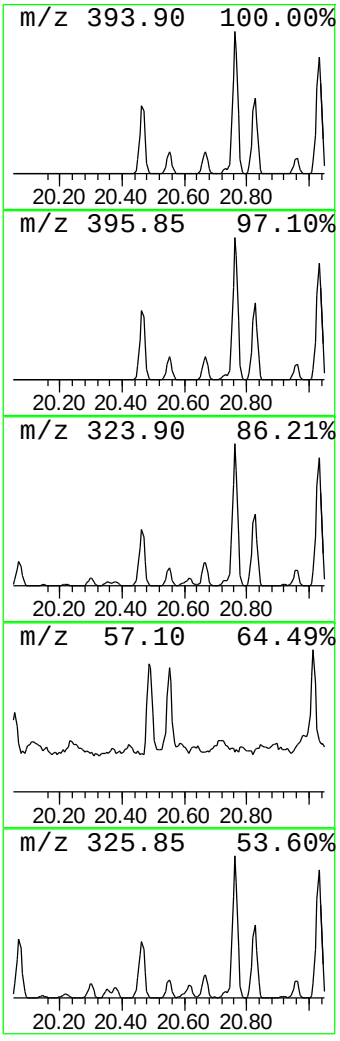
Peak Number 15 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	4.06 ng/ul	1138950	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
2	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
3	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99





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Quant Title : SVOA CALIBRATION

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

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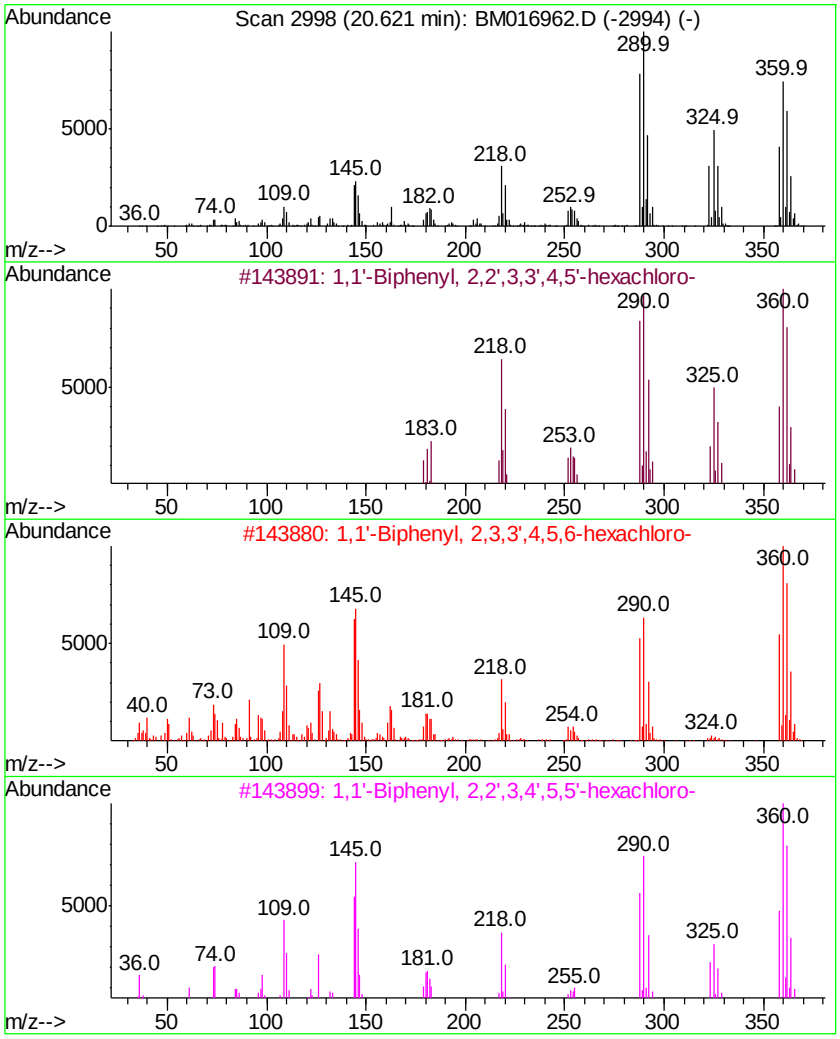
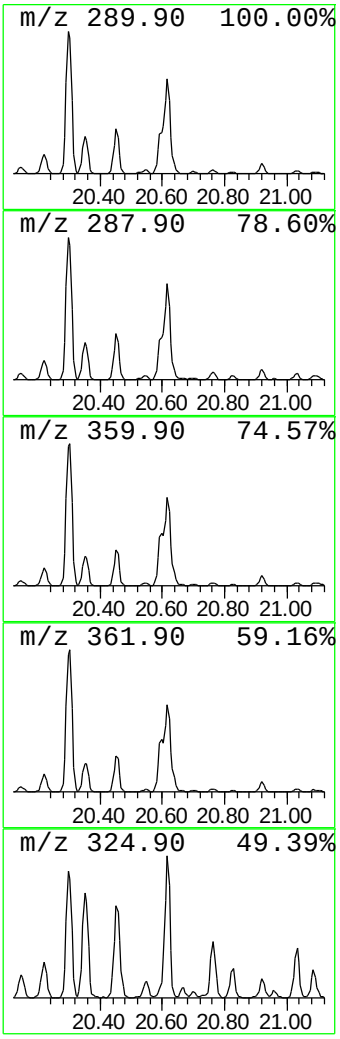
Peak Number 16 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	29.05 ng/ul	8139210	Chrysene-d12	21.29

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	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





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Instrument : BNA_M
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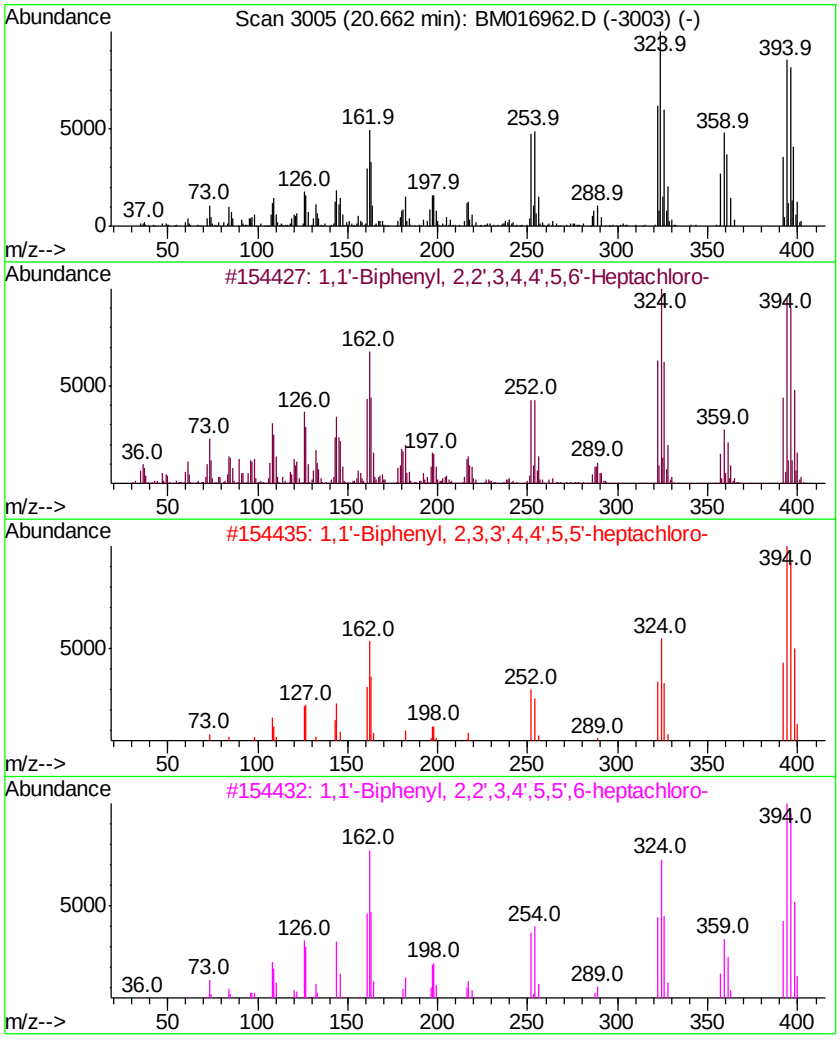
Quant Title : SVOA CALIBRATION

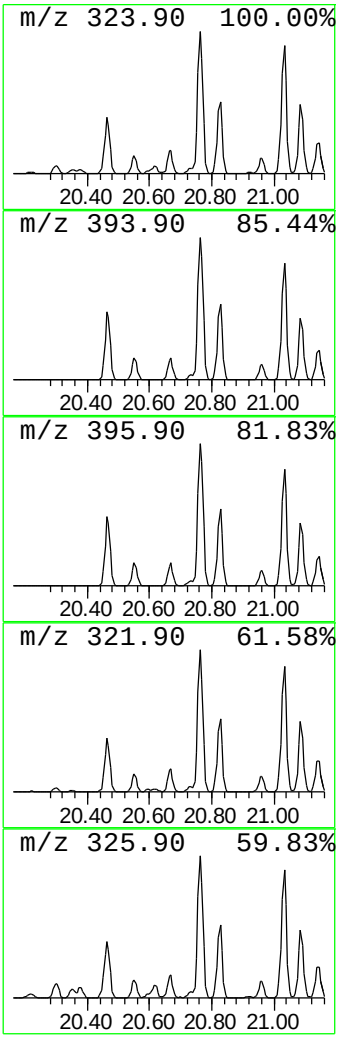
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	3.18 ng/ul	889889	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99





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Quant Title : SVOA CALIBRATION

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

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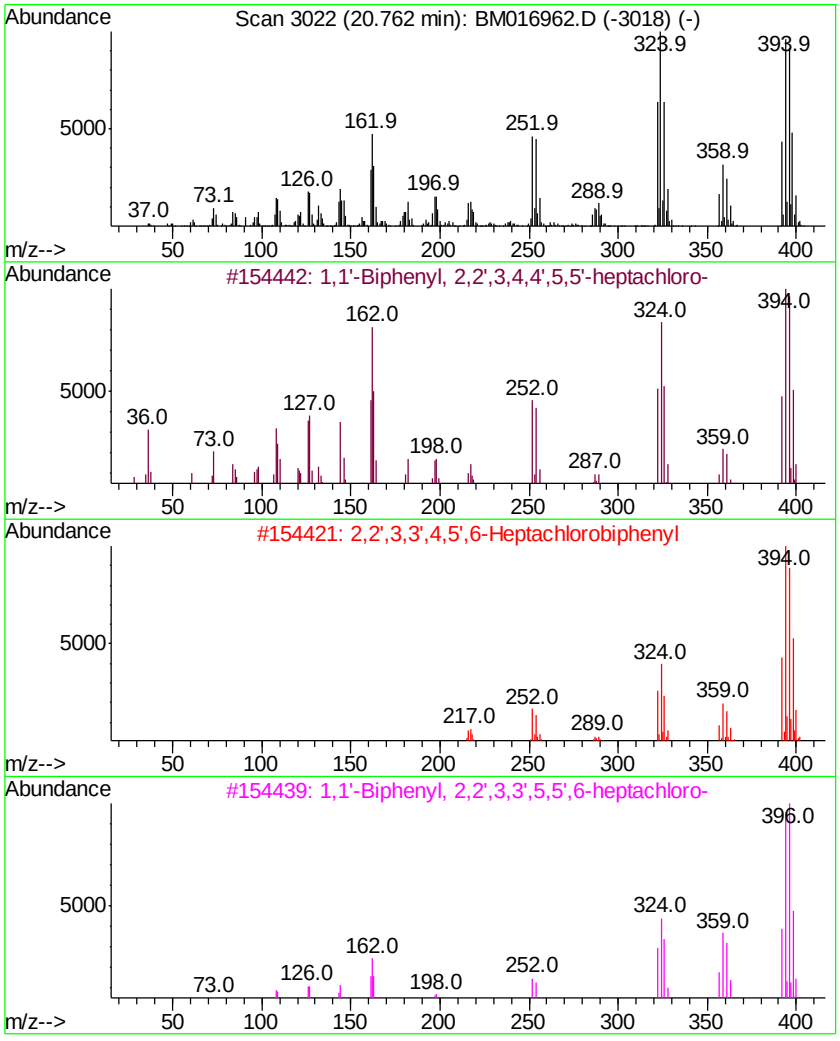
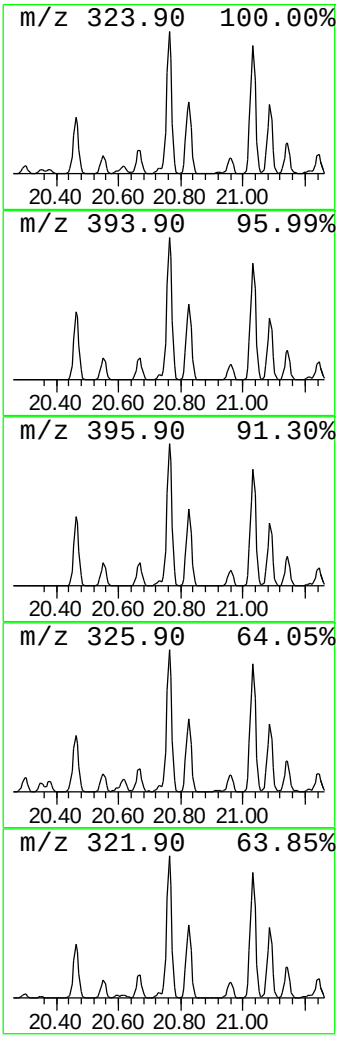
Peak Number 18 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	21.95 ng/ul	6152000	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99





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Quant Title : SVOA CALIBRATION

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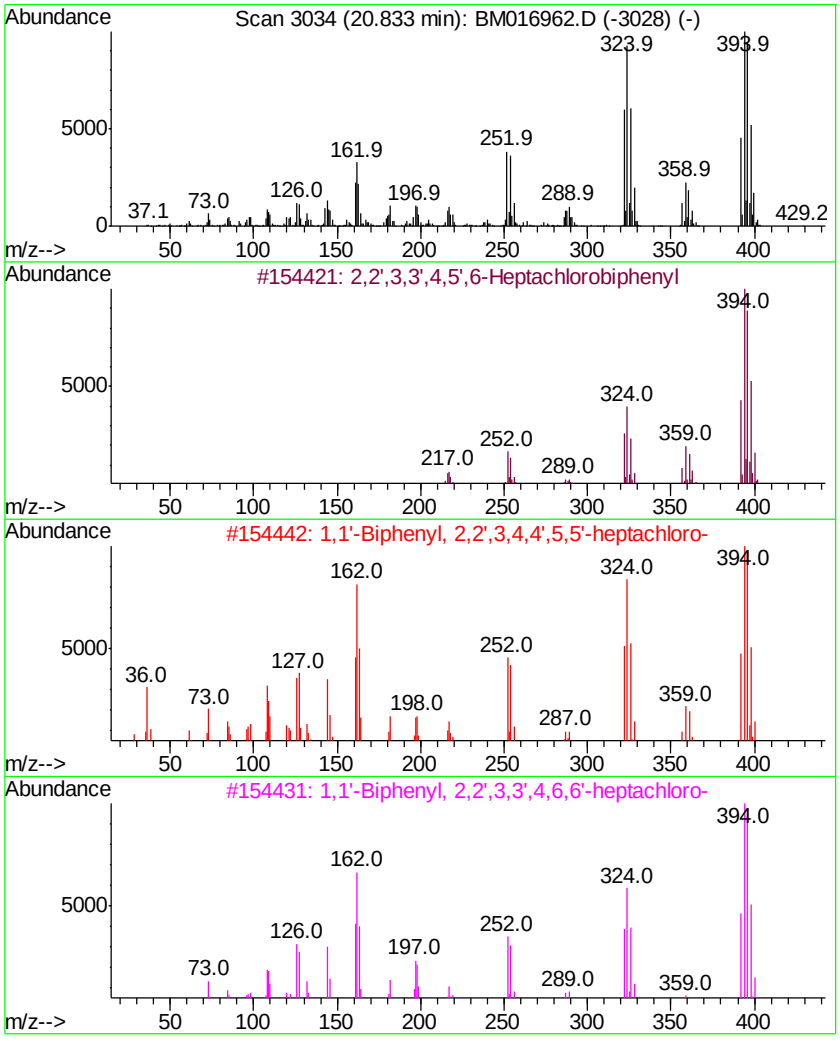
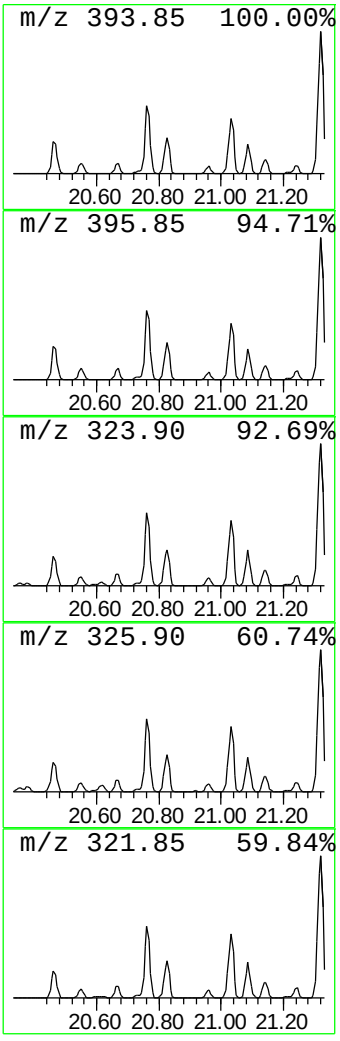
Peak Number 19 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	11.03 ng/ul	3089620	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99





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Quant Title : SVOA CALIBRATION

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

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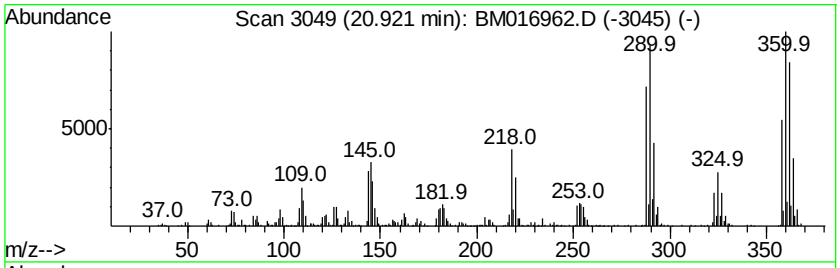
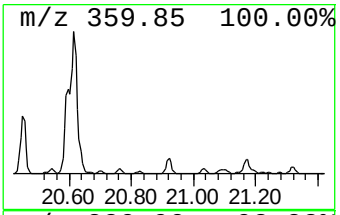
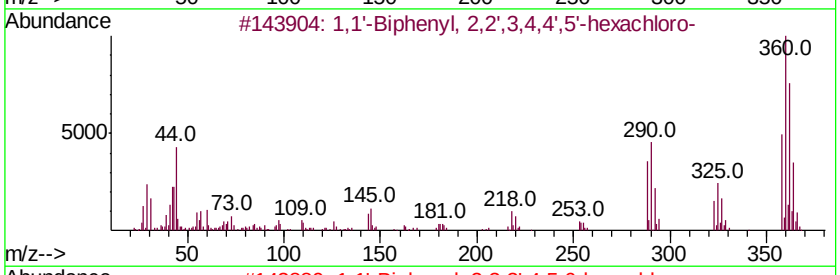
Peak Number 20 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 26

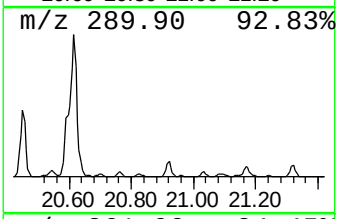
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.78 ng/ul	780145	Chrysene-d12	21.29

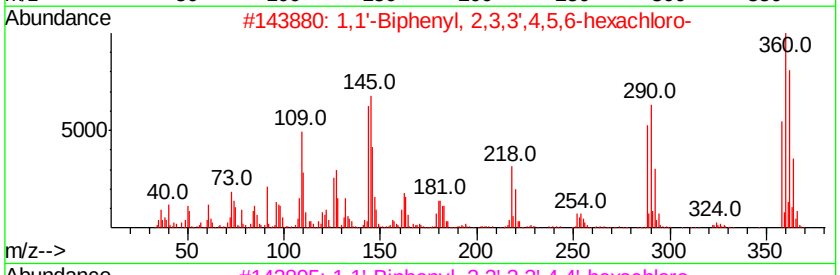
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99

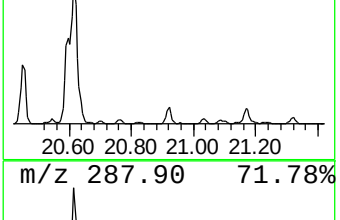


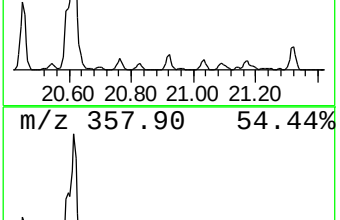


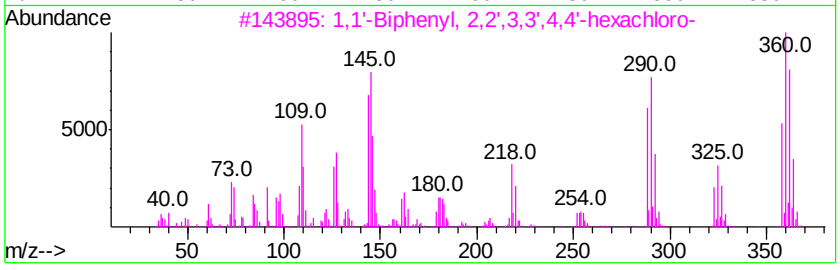


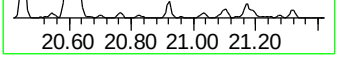












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Data File : BM016962.D
Acq On : 02 Oct 2018 15:41
Operator : MJ/SJ
Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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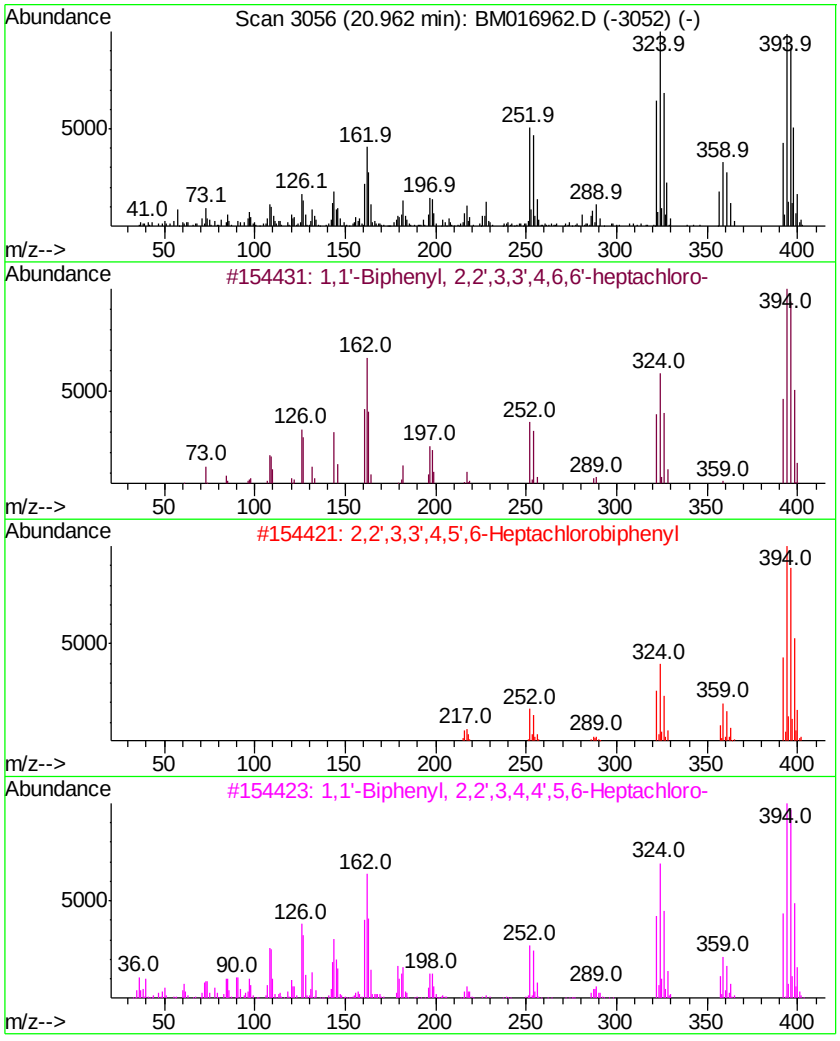
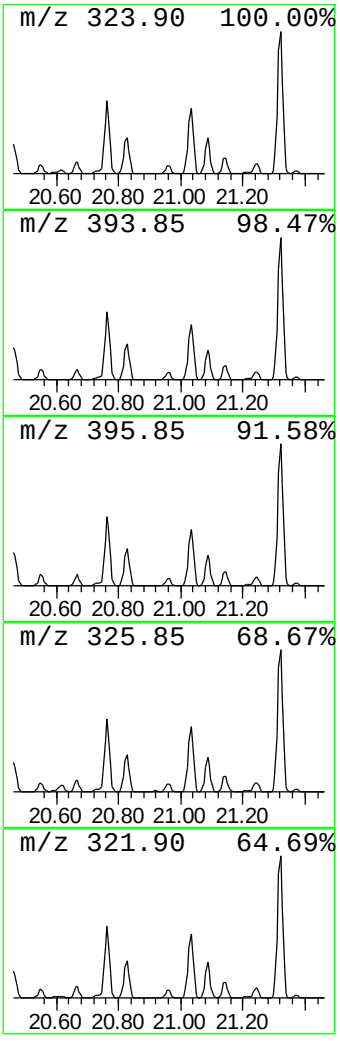
Peak Number 21 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.43 ng/ul	679524	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016962.D
Acq On : 02 Oct 2018 15:41
Operator : MJ/SJ
Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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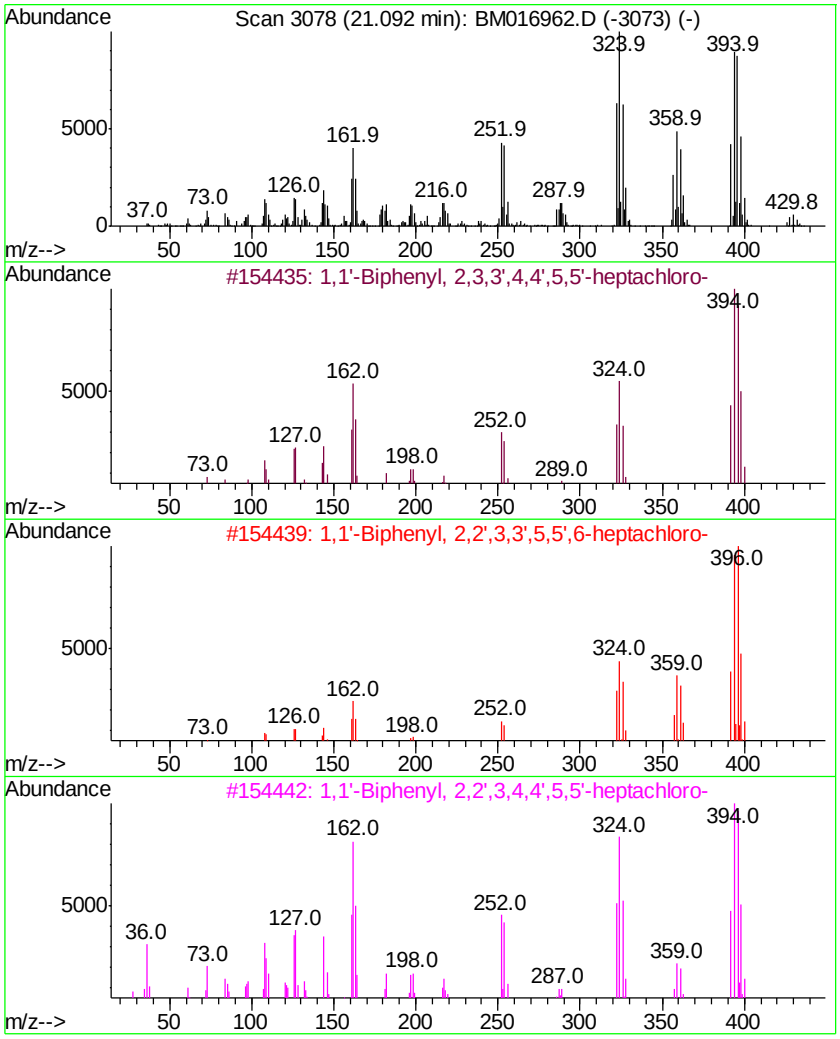
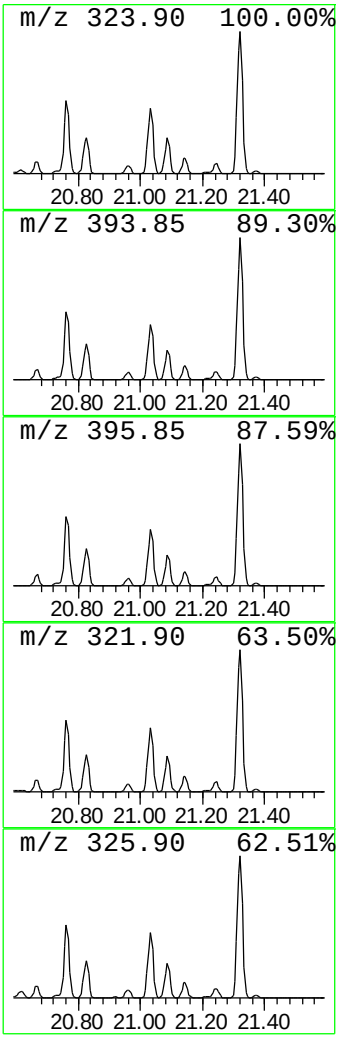
Peak Number 23 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	11.58 ng/ul	3244410	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
2	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99





Library Search Compound Report

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Acq On : 02 Oct 2018 15:41
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Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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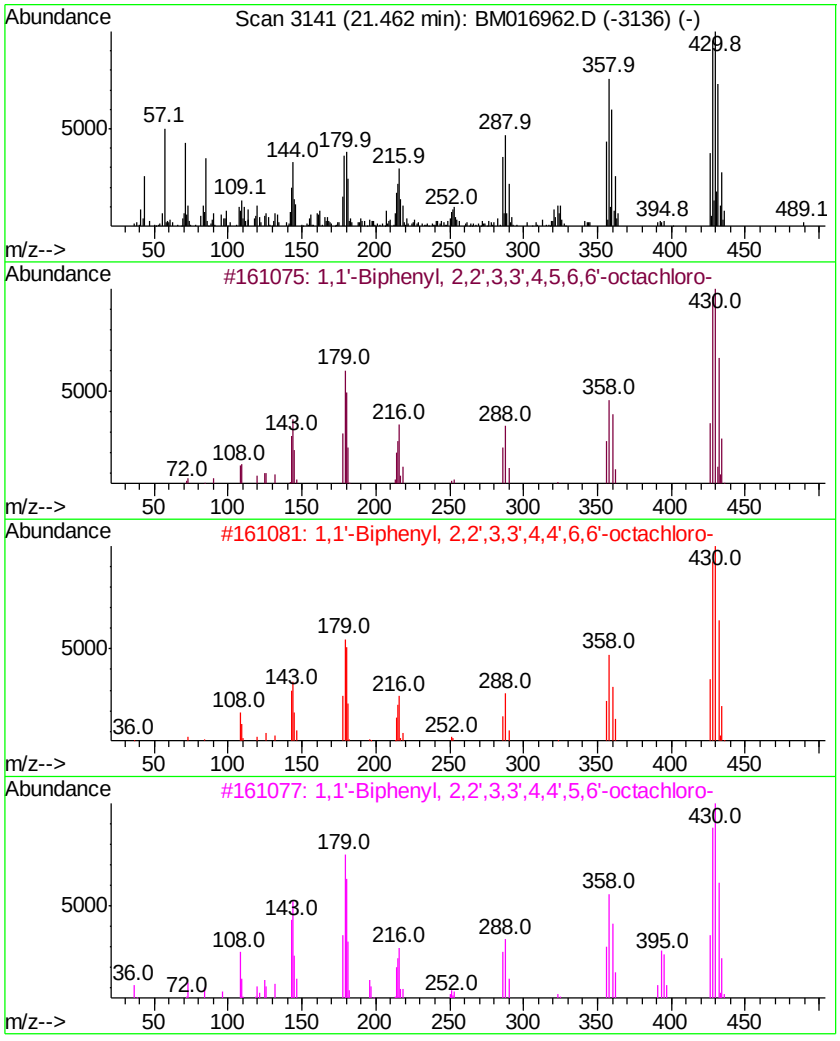
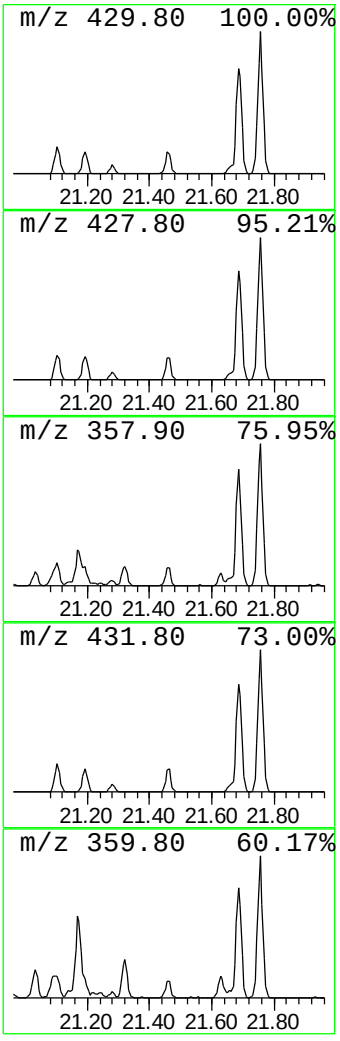
Peak Number 25 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.02 ng/ul	565180	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016962.D
Acq On : 02 Oct 2018 15:41
Operator : MJ/SJ
Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

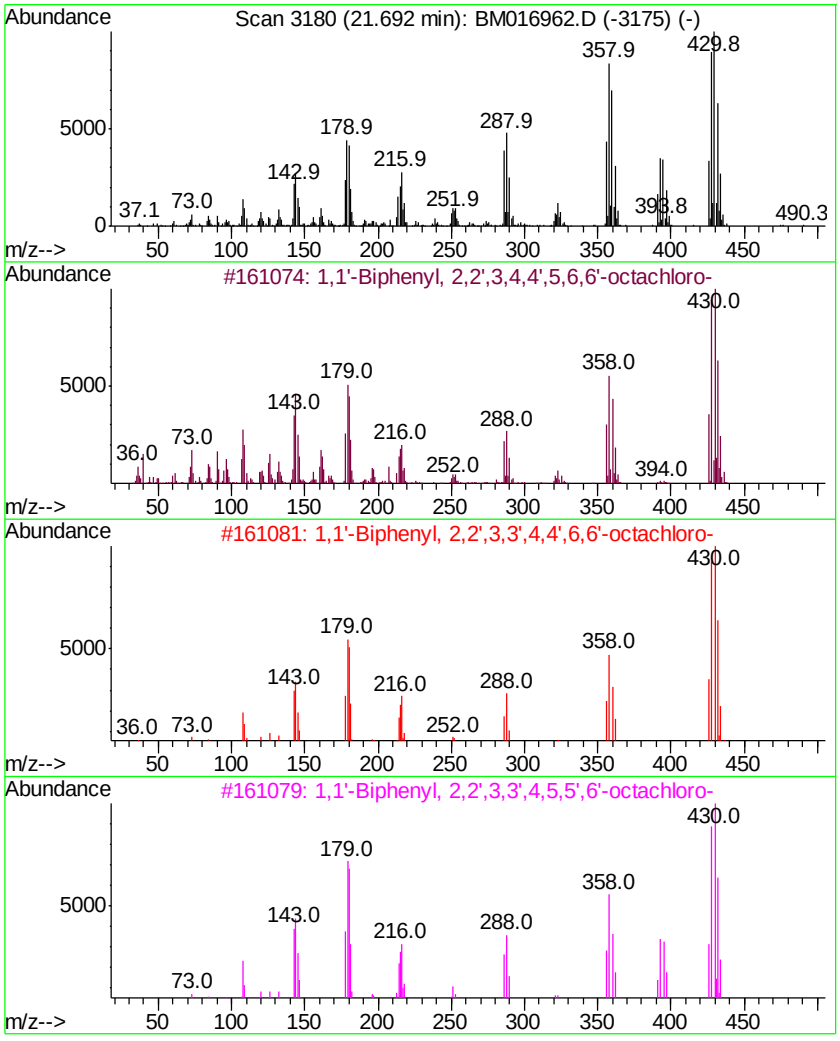
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

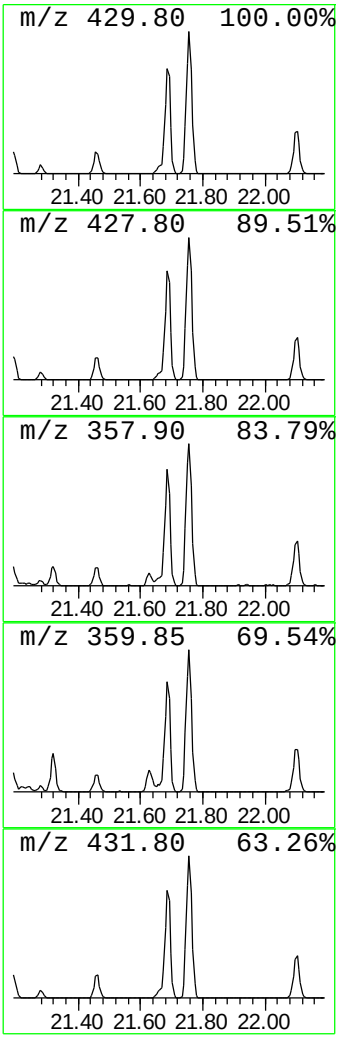
****

Peak Number 27 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	7.78 ng/ul	2179970	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6,6'...	426	C12H2Cl8	074472-52-9	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016962.D
Acq On : 02 Oct 2018 15:41
Operator : MJ/SJ
Sample : J5126-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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...	3.19	10.0	ng/ul	1522530	1	7.71	3053960	20.0
1,1'-Biphenyl, 2,...	19.02	11.3	ng/ul	3323190	4	17.10	5875250	20.0
1,1'-Biphenyl, 2,...	19.31	15.6	ng/ul	4383890	5	21.29	5604310	20.0
Hexadecanoic acid...	19.44	2.4	ng/ul	669900	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	19.65	2.1	ng/ul	600343	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	19.73	7.6	ng/ul	2118370	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	19.88	14.4	ng/ul	4047450	5	21.29	5604310	20.0
1,1'-Biphenyl, 3,...	20.02	37.9	ng/ul	10630800	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	20.07	3.0	ng/ul	855570	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	20.30	41.7	ng/ul	11676800	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	20.55	4.1	ng/ul	1138950	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	20.62	29.1	ng/ul	8139210	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	20.66	3.2	ng/ul	889889	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	20.76	21.9	ng/ul	6152000	5	21.29	5604310	20.0
2,2',3,3',4,5',6-...	20.83	11.0	ng/ul	3089620	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	20.92	2.8	ng/ul	780145	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	20.96	2.4	ng/ul	679524	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	21.09	11.6	ng/ul	3244410	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	21.46	2.0	ng/ul	565180	5	21.29	5604310	20.0
1,1'-Biphenyl, 2,...	21.69	7.8	ng/ul	2179970	5	21.29	5604310	20.0