LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM071318MA.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	4.128	138	143	153	rVB	12605	21327	1.19%	0.069%
2	6.816	595	600	605	rBB2	45945	66466	3.72%	0.214%
3	7.351	685	691	707	rBV2	147776	393153	22.02%	1.267%
4	7.510	713	718	728	rBV	107250	176438	9.88%	0.569%
5	7.716	747	753	765	rBV	159878	273514	15.32%	0.882%
6	8.186	827	833	846	rBB	215245	348114	19.50%	1.122%
7	8.910	951	956	971	rBV	140417	257575	14.43%	0.830%
8	9.375	1029	1035	1049	rBV	144859	256746	14.38%	0.828%
9	10.098	1152	1158	1168	rBV	131740	229383	12.85%	0.739%
10	10.639	1244	1250	1263	rBV	158443	311667	17.46%	1.005%
11	11.004	1306	1312	1321	rBV	272655	465678	26.08%	1.501%
12	11.157	1333	1338	1352	rVB2	75586	141977	7.95%	0.458%
13	14.115	1836	1841	1845	rBV2	50948	69165	3.87%	0.223%
14	14.221	1849	1859	1863	rBV	326527	449728	25.19%	1.450%
15	14.268	1863	1867	1875	rVB	71815	99687	5.58%	0.321%
16	14.515	1902	1909	1921	rBV	341578	513047	28.74%	1.654%
17	14.815	1953	1960	1973	rBV2	367188	560218	31.38%	1.806%
18	15.051	1993	2000	2006	rBV3	42761	106117	5.94%	0.342%
19	15.104	2007	2009	2022	rVB3	17783	30108	1.69%	0.097%
20	15.527	2075	2081	2086	rBV	23288	34150	1.91%	0.110%
21	15.804	2118	2128	2134	rBV	430428	627377	35.14%	2.022%
22	15.945	2148	2152	2162	rBV	97586	144505	8.09%	0.466%
23	16.339	2213	2219	2225	rBV5	9641	18171	1.02%	0.059%
24	16.409	2225	2231	2236	rVB3	24060	34201	1.92%	0.110%
25	17.039	2334	2338	2341	rBV	20303	22444	1.26%	0.072%
26	17.409	2393	2401	2405	rBV4	27274	45420	2.54%	0.146%
27	17.545	2418	2424	2429	rBV	423105	605341	33.91%	1.951%
28	17.586	2429	2431	2436	rVB	25456	32901	1.84%	0.106%
29	17.645	2436	2441	2447	rBV	438352	615162	34.46%	1.983%
30	17.709	2447	2452	2460	rVB3	57450	99990	5.60%	0.322%
31	17.980	2493	2498	2501	rBV4	20071	27381	1.53%	0.088%
32	18.051	2506	2510	2514	rVV4	16794	22170	1.24%	0.071%
33	18.133	2517	2524	2530	rVB	214363	378157	21.18%	1.219%
34	18.245	2535	2543	2551	rBV7	38609	99405	5.57%	0.320%

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Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM071318MA.M
Title : SVOA CALIBRATION

35	18.392	2561	2568	2572	rBV2	189959	338749	18.97%	1.092%
36	18.474	2577	2582	2587	rVV	212521	265143	14.85%	0.855%
37	18.539	2588	2593	2596	rVV5	16986	26719	1.50%	0.086%
38	18.586	2596	2601	2607	rVV	563409	762534	42.71%	2.458%
39	18.645	2607	2611	2615	rVV	197129	265791	14.89%	0.857%
40	18.692	2615	2619	2623	rVB2	89685	122899	6.88%	0.396%
41	18.868	2644	2649	2654	rBV	322102	431398	24.16%	1.391%
42	18.915	2654	2657	2664	rVV4	61121	87303	4.89%	0.281%
43	18.980	2664	2668	2670	rVV2	36721	51985	2.91%	0.168%
44	19.003	2670	2672	2675	rVV2	62196	74762	4.19%	0.241%
45	19.045	2675	2679	2685	rVB	158523	207335	11.61%	0.668%
46	19.145	2692	2696	2698	rVB3	26128	29681	1.66%	0.096%
47	19.286	2717	2720	2726	rBV6	18387	28708	1.61%	0.093%
48	19.345	2726	2730	2734	rVV	165295	215679	12.08%	0.695%
49	19.397	2734	2739	2740	rVV	441584	531799	29.79%	1.714%
50	19.421	2740	2743	2751	rVB2	778475	1244315	69.70%	4.011%
51	19.503	2753	2757	2761	rBV2	128937	166516	9.33%	0.537%
52	19.539	2761	2763	2767	rVV5	38086	56223	3.15%	0.181%
53	19.580	2767	2770	2773	rVV	61388	77545	4.34%	0.250%
54	19.621	2773	2777	2779	rVV	159784	212992	11.93%	0.687%
55	19.645	2779	2781	2786	rVV2	198876	335351	18.78%	1.081%
56	19.697	2786	2790	2796	rVV	1396596	1640954	91.91%	5.290%
57	19.762	2796	2801	2805	rVB	432852	537060	30.08%	1.731%
58	19.909	2819	2826	2830	rBV	513424	749144	41.96%	2.415%
59	19.956	2830	2834	2839	rVB2	364056	491426	27.53%	1.584%
60	20.033	2839	2847	2851	rBV	596255	744730	41.71%	2.401%
61	20.080	2851	2855	2859	rBV	187995	235609	13.20%	0.759%
62	20.139	2859	2865	2871	rVB	1307542	1649205	92.38%	5.316%
63	20.192	2872	2874	2879	rVB5	25997	31199	1.75%	0.101%
64	20.256	2881	2885	2887	rBV3	89036	125418	7.03%	0.404%
65	20.286	2887	2890	2897	rVB3	126163	215075	12.05%	0.693%
66	20.344	2898	2900	2903	rVB2	49967	47050	2.64%	0.152%
67	20.392	2903	2908	2913	rBV	519877	692593	38.79%	2.233%
68	20.450	2913	2918	2924	rVB	1125366	1363157	76.35%	4.394%
69	20.521	2926	2930	2935	rBV4	83989	116729	6.54%	0.376%
70	20.586	2935	2941	2947	rBV4	143363	247147	13.84%	0.797%
71	20.668	2950	2955	2959	rBV	574104	728136	40.79%	2.347%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

72	20.721	2960	2964	2966	rBV2	304292	359596	20.14%	1.159%
73	20.750	2966	2969	2973	rVB	502270	609258	34.13%	1.964%
74	20.792	2973	2976	2978	rBV	118742	132599	7.43%	0.427%
75	20.815	2978	2980	2987	rVB4	132007	218710	12.25%	0.705%
76	20.886	2988	2992	2994	rBV3	83725	108056	6.05%	0.348%
77	20.956	3000	3004	3005	rBV	389739	426475	23.89%	1.375%
78	20.980	3005	3008	3015	rVB	789089	1059062	59.32%	3.414%
79	21.062	3020	3022	3025	rVV3	47054	57760	3.24%	0.186%
80	21.092	3025	3027	3028	rVV	66885	59238	3.32%	0.191%
81	21.115	3028	3031	3036	rVB	210225	230463	12.91%	0.743%
82	21.209	3043	3047	3053	rVB	322115	379489	21.26%	1.223%
83	21.286	3056	3060	3063	rVB	220937	260543	14.59%	0.840%
84	21.339	3065	3069	3075	rVV3	248520	432503	24.23%	1.394%
85	21.544	3096	3104	3108	rBV	1443921	1785298	100.00%	5.755%
86	21.668	3120	3125	3130	rVB	586894	784668	43.95%	2.529%
87	23.221	3386	3389	3396	rVB	117698	166668	9.34%	0.537%
88	23.874	3495	3500	3507	rBV	334252	614251	34.41%	1.980%
89	24.027	3520	3526	3534	rVB	314299	612359	34.30%	1.974%

Sum of corrected areas: 31021938

LSC Report - Integrated Chromatogram

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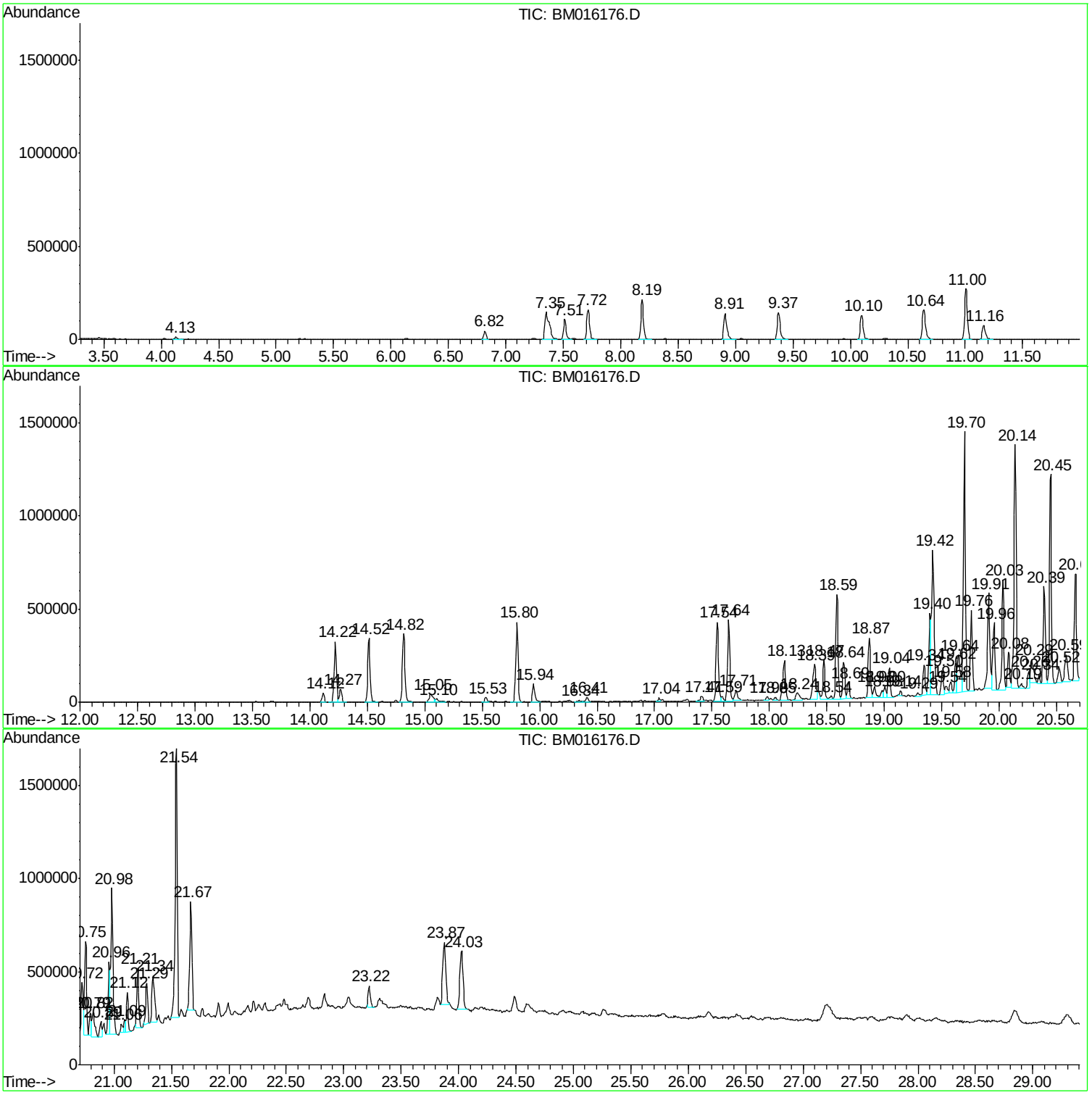
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

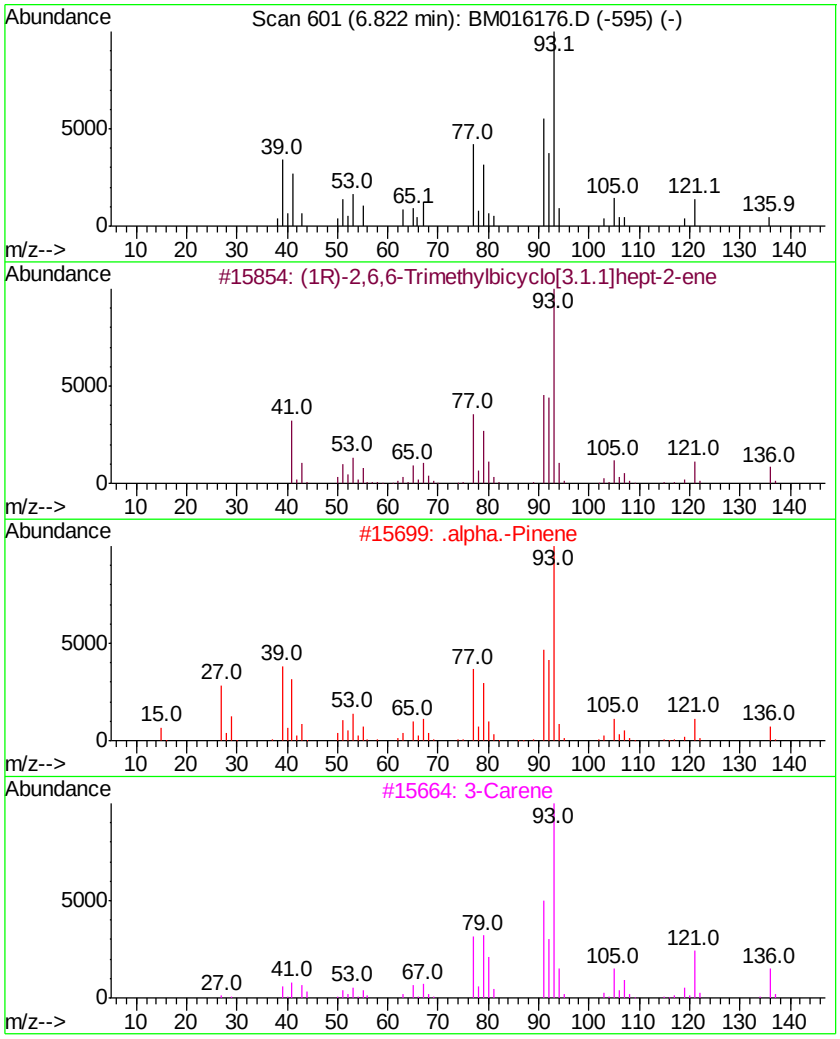
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

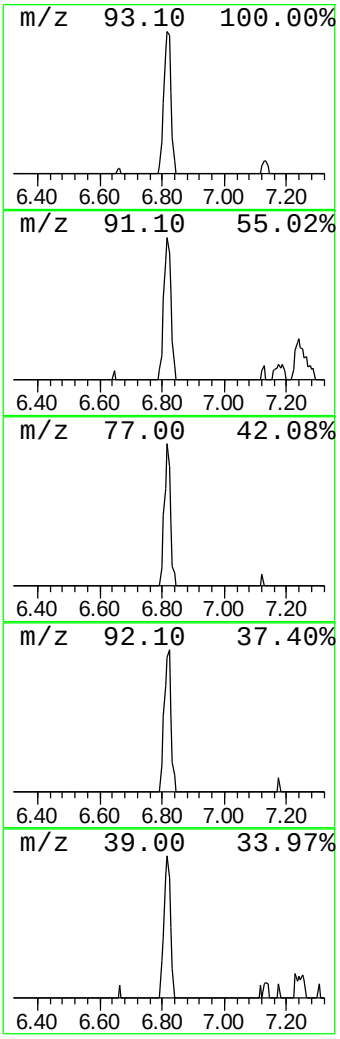
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	3.82 ng/ul	66466	1,4-Dichlorobenzene-d4	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
2	.alpha.-Pinene	136	C10H16	000080-56-8	80
3	3-Carene	136	C10H16	013466-78-9	68
4	.beta.-Ocimene	136	C10H16	013877-91-3	64
5	.gamma.-Terpinene	136	C10H16	000099-85-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

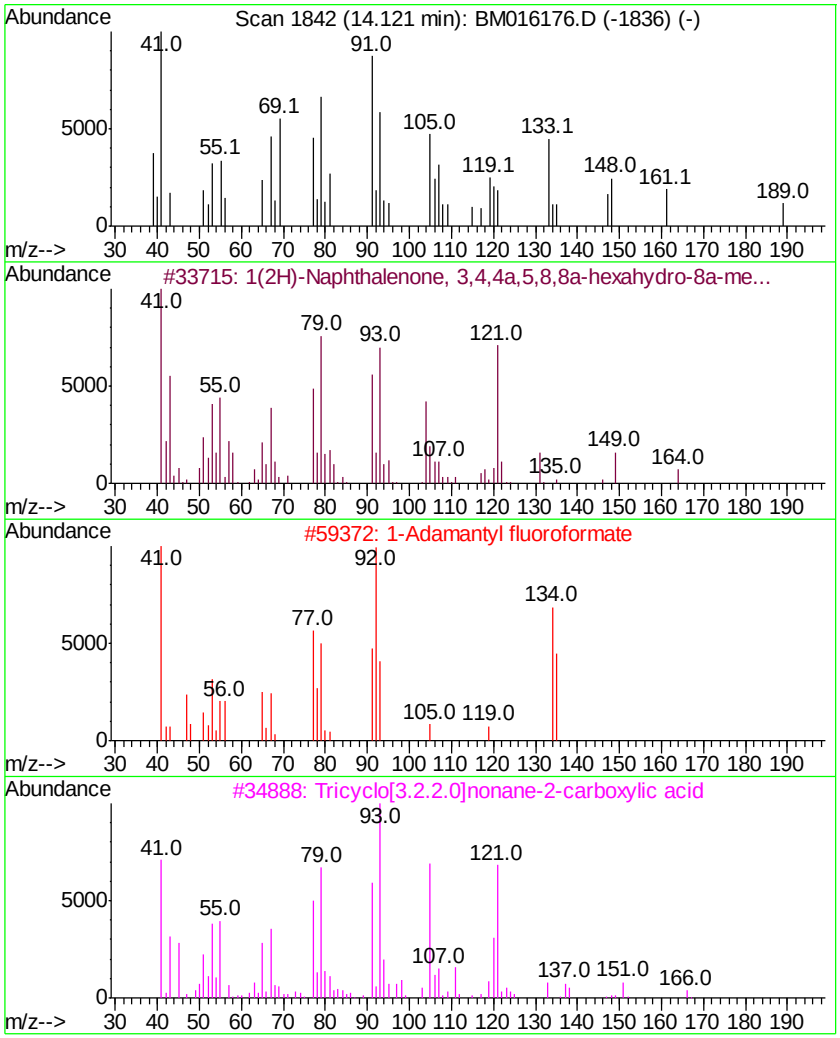
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

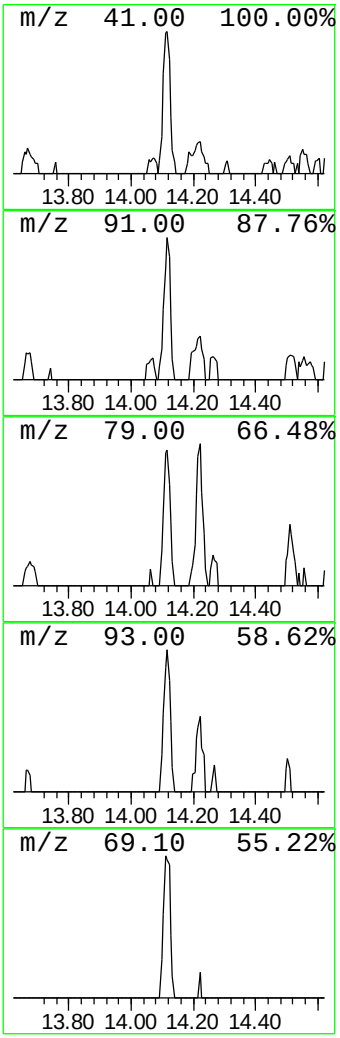
****

Peak Number 2 1(2H)-Naphthalenone, 3,4,4a... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.47 ng/ul	69165	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4,4a,5,8,...	164	C11H16O	021841-29-2	59
2	1-Adamantyl fluoroformate	198	C11H15FO2	062087-82-5	50
3	Tricyclo[3.2.2.0]nonane-2-carbox...	166	C10H14O2	033101-05-2	50
4	Bicyclo[4.1.0]heptane,-3-cyclopr...	194	C12H18O2	1000222-96-9	47
5	Bicyclo[3.1.0]hexane, 6-methylene-	94	C7H10	054211-16-4	43





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

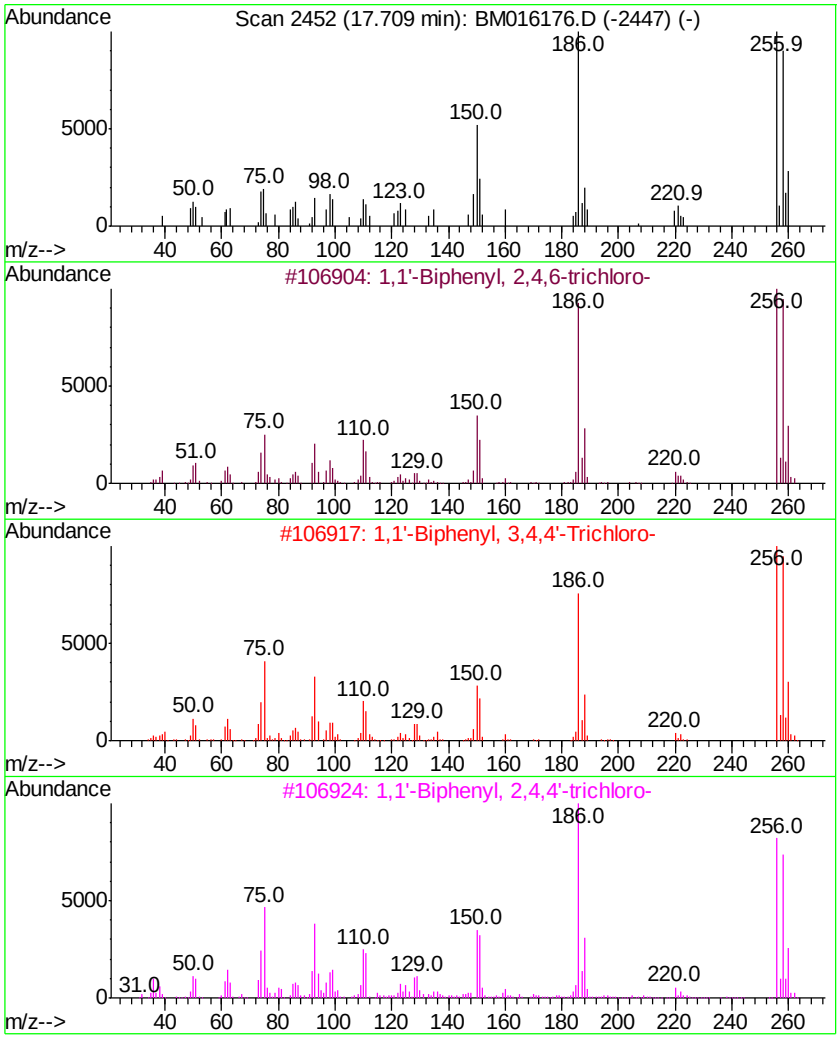
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

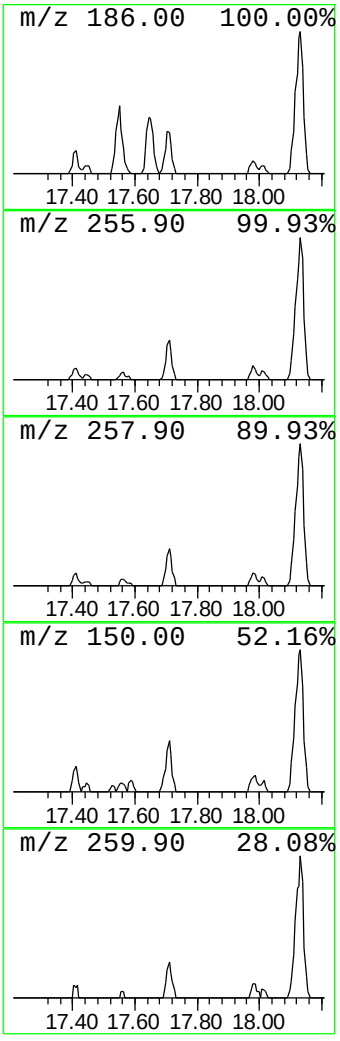
****

Peak Number 4 1,1'-Biphenyl, 2,4,6-trichl... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	3.25 ng/ul	99990	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	89
2	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	81
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	81
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	74
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	74





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

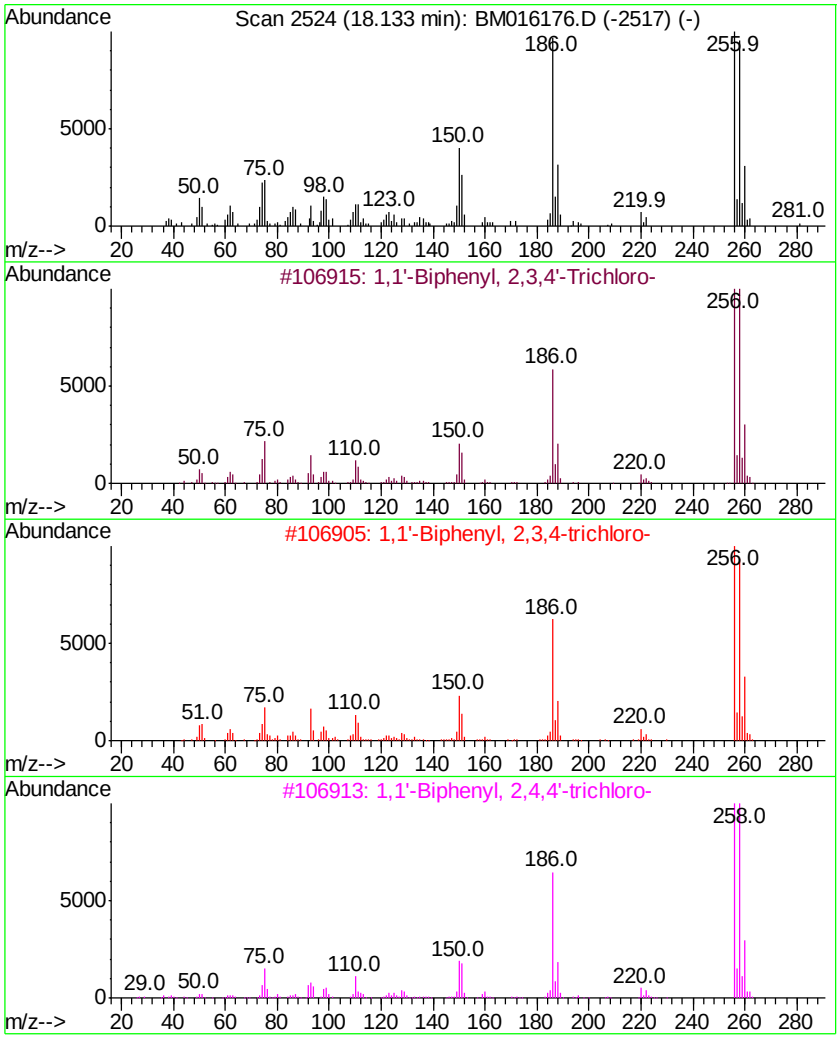
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

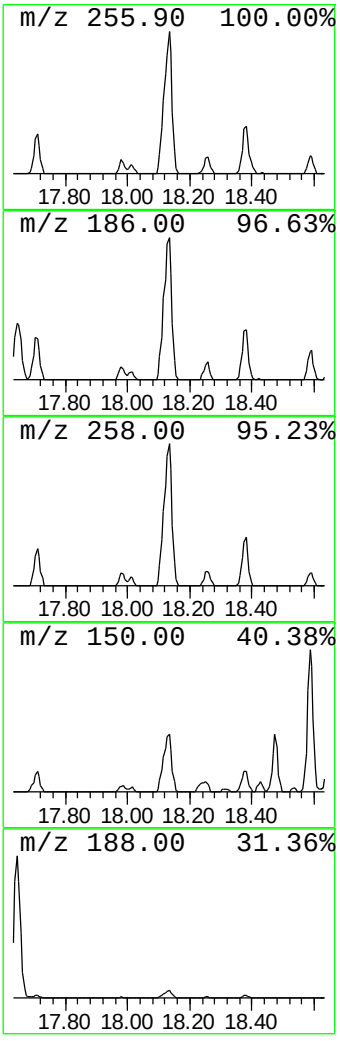
****

Peak Number 5 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	12.29 ng/ul	378157	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
2	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	97
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	97





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Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

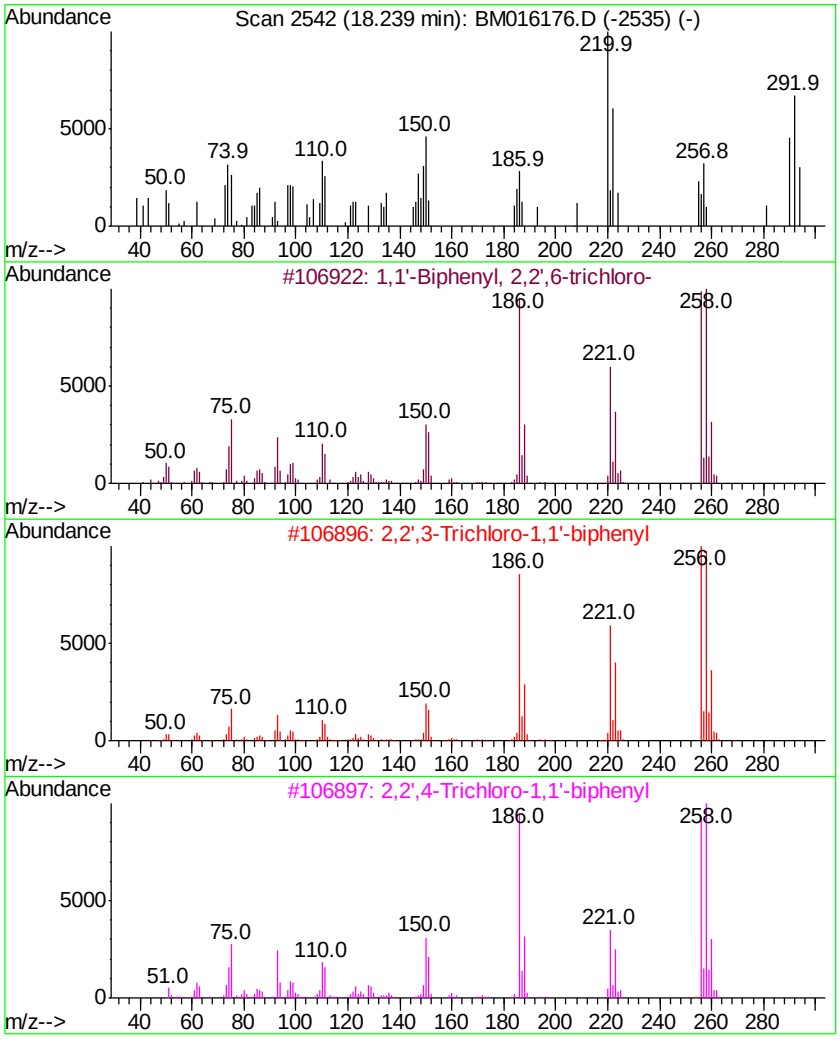
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

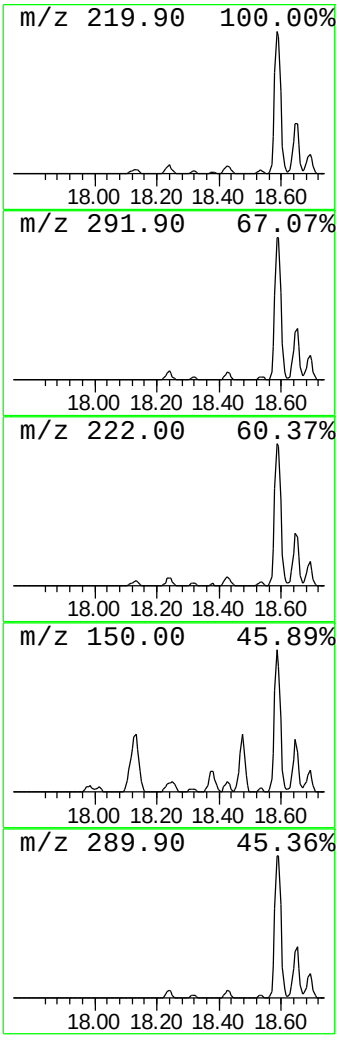
****

Peak Number 6 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	3.23 ng/ul	99405	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	40
2	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	15
3	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	15
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	11
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	11





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Misc :
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Quant Title : SVOA CALIBRATION

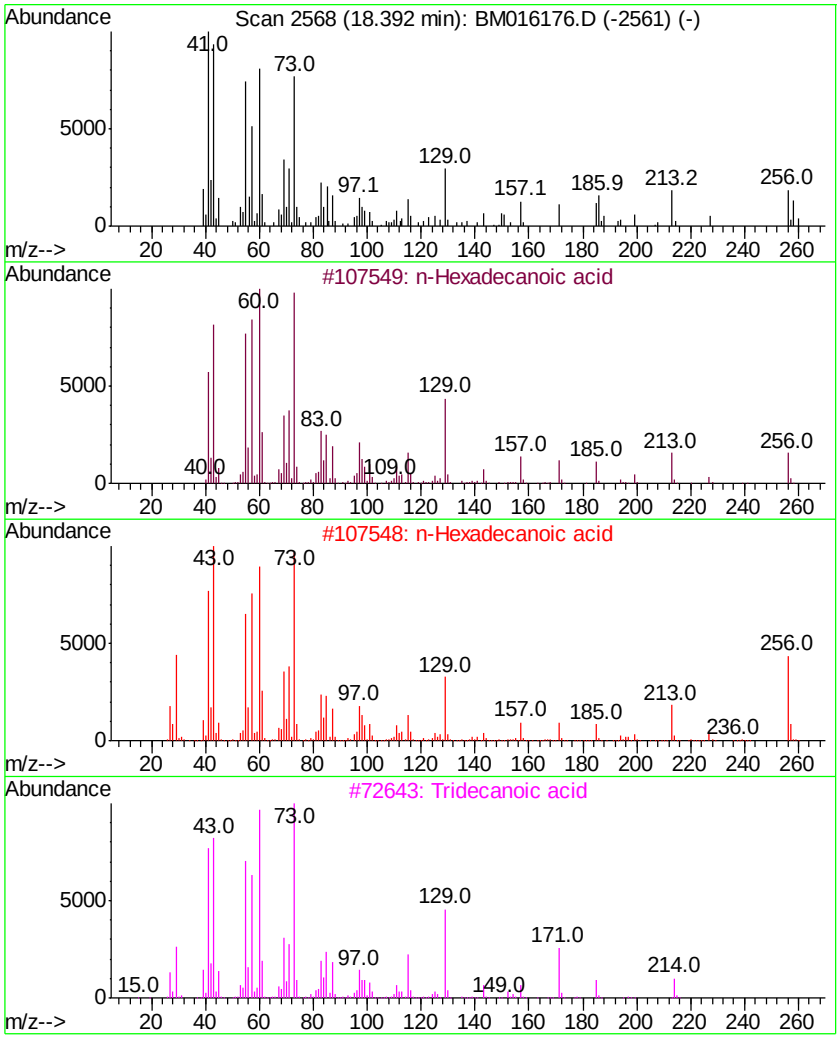
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

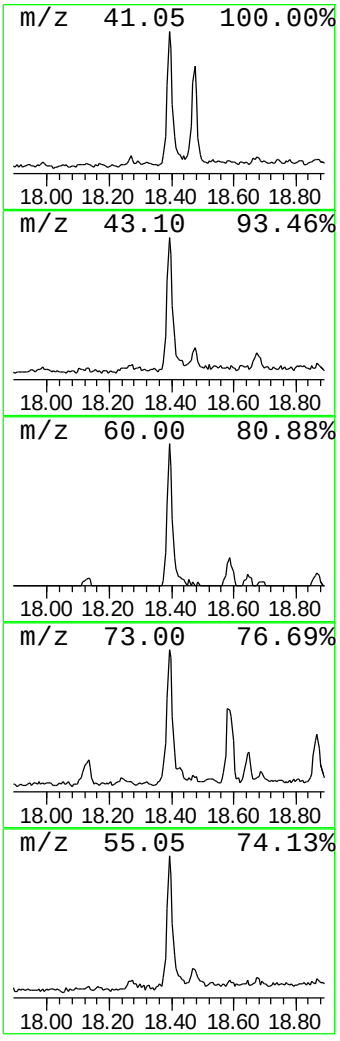
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	11.01 ng/ul	338749	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Undecanoic acid	186	C11H22O2	000112-37-8	89





Library Search Compound Report

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Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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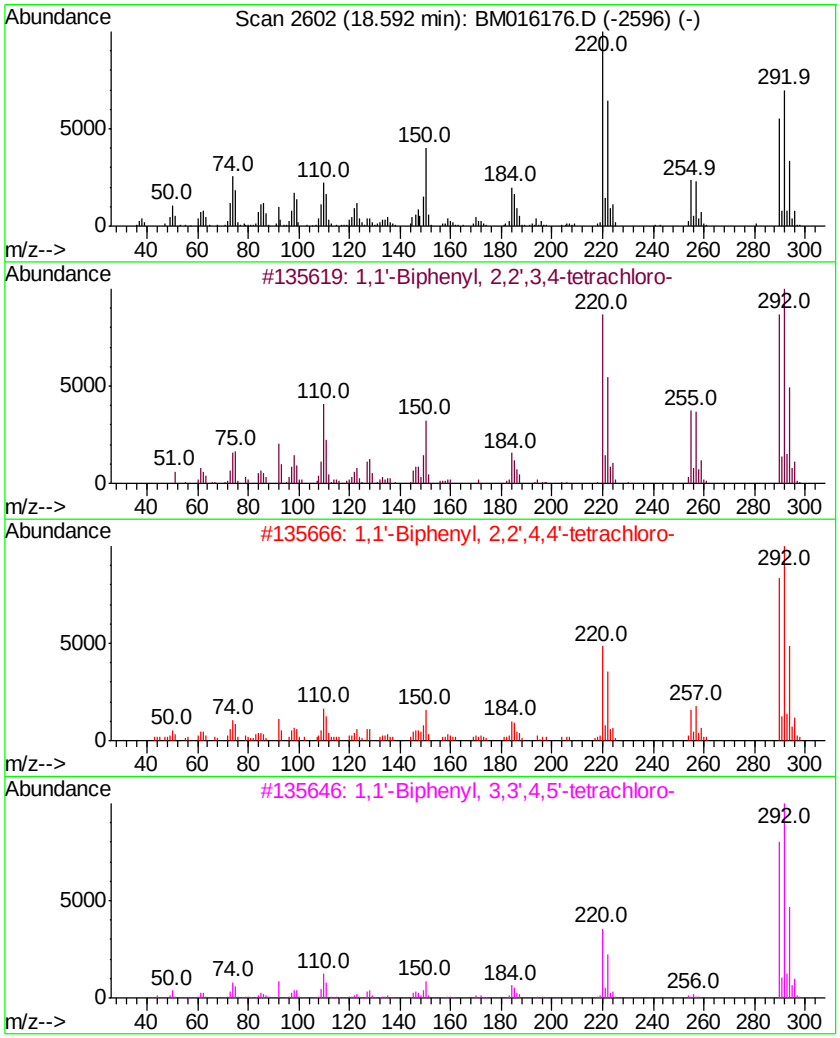
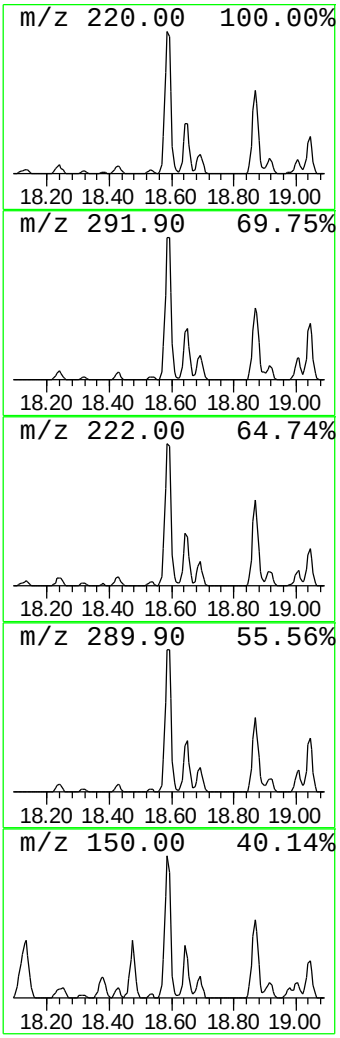
Peak Number 8 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	24.79 ng/ul	762534	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

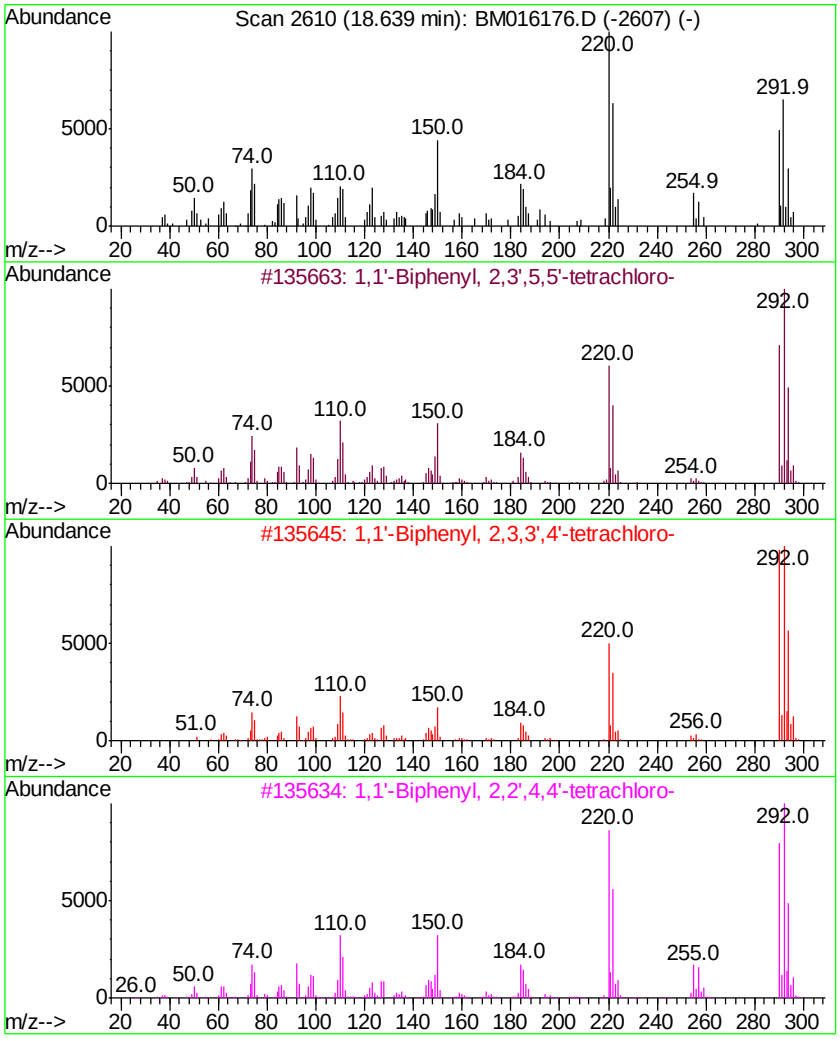
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

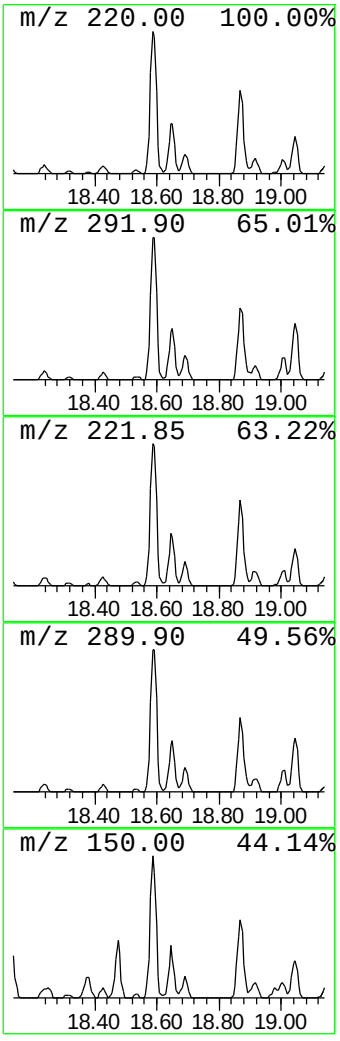
****

Peak Number 9 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.64 ng/ul	265791	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

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Quant Title : SVOA CALIBRATION

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

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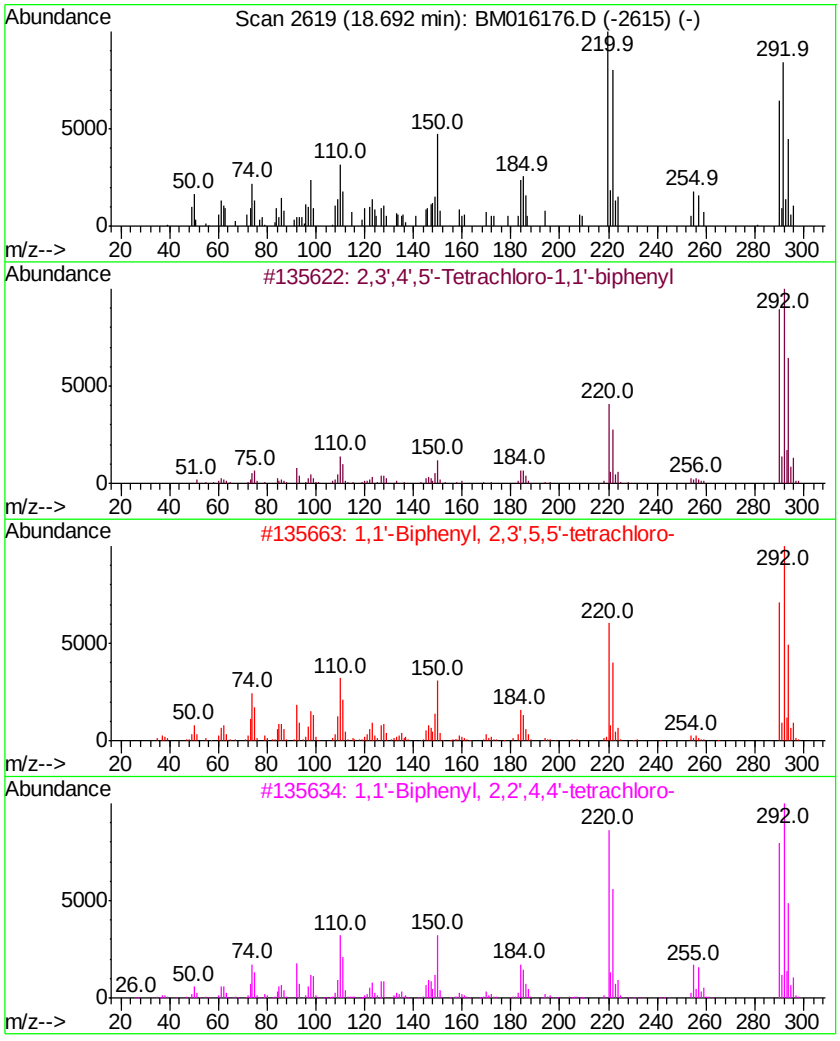
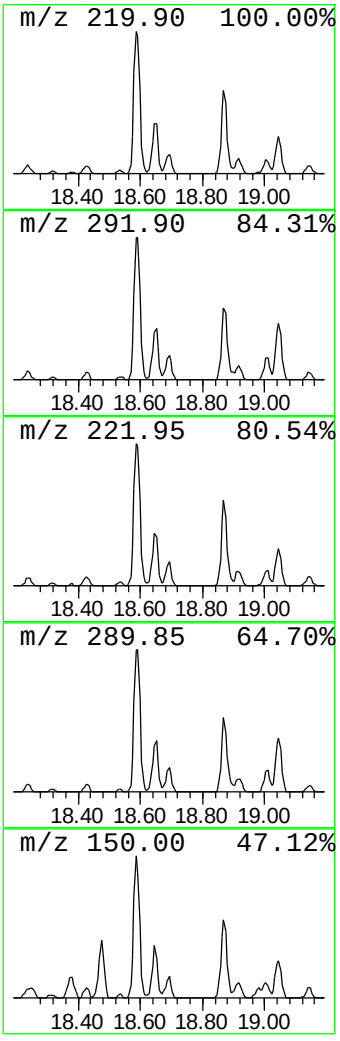
Peak Number 10 2,3',4',5'-Tetrachloro-1,1'... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	4.00 ng/ul	122899	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	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	99
4	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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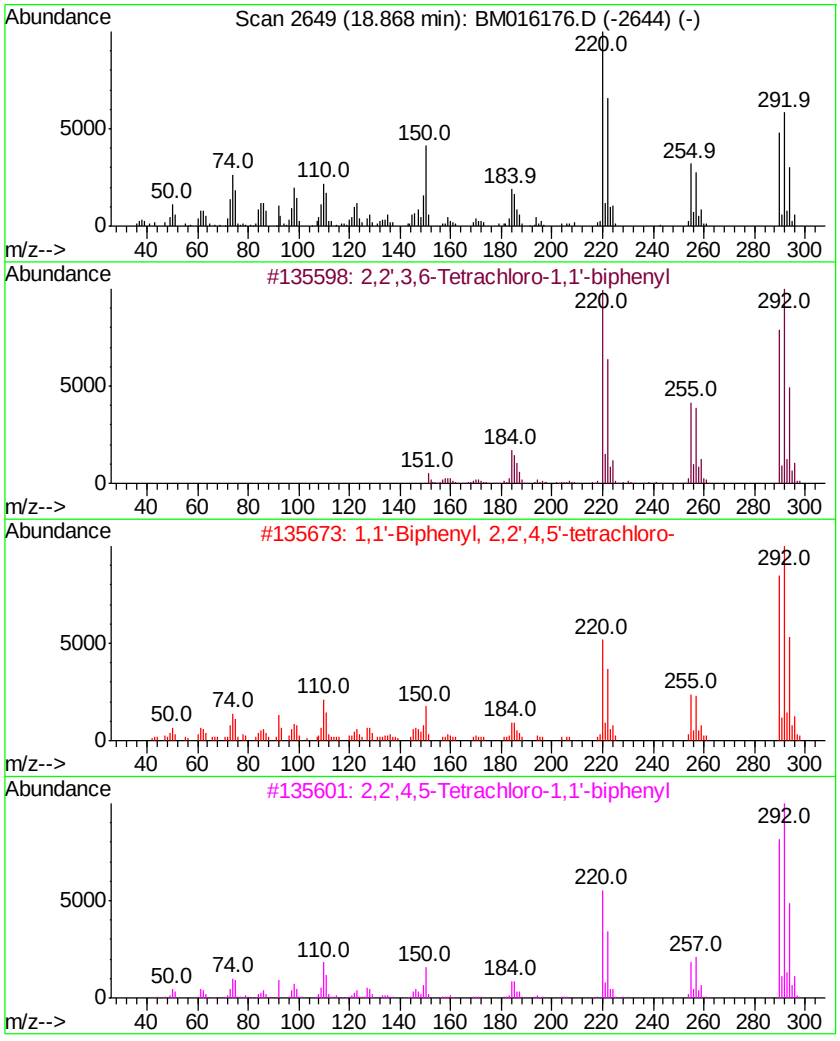
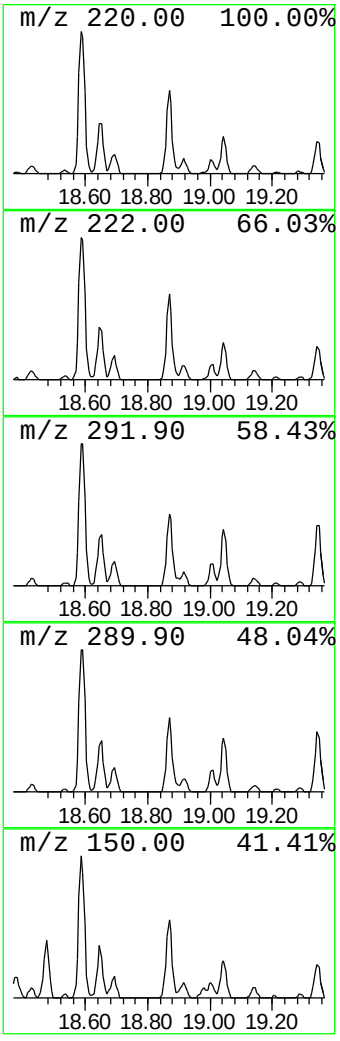
Peak Number 11 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	14.03 ng/ul	431398	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99





Library Search Compound Report

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Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

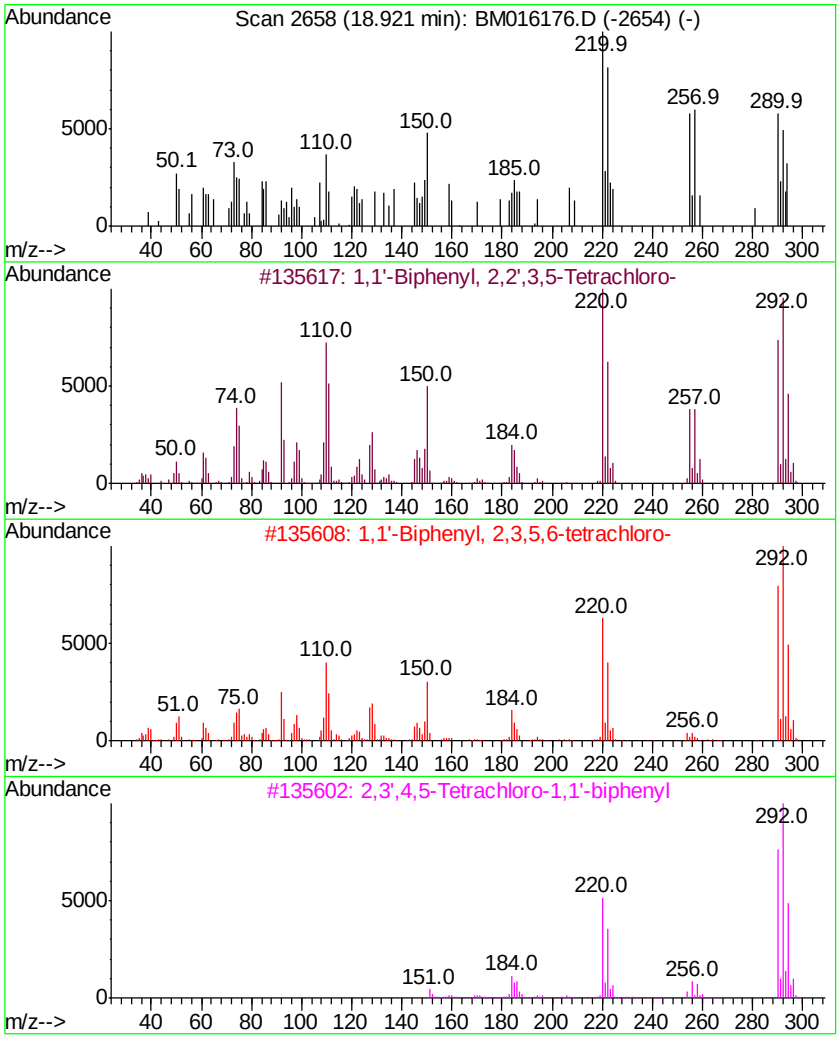
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

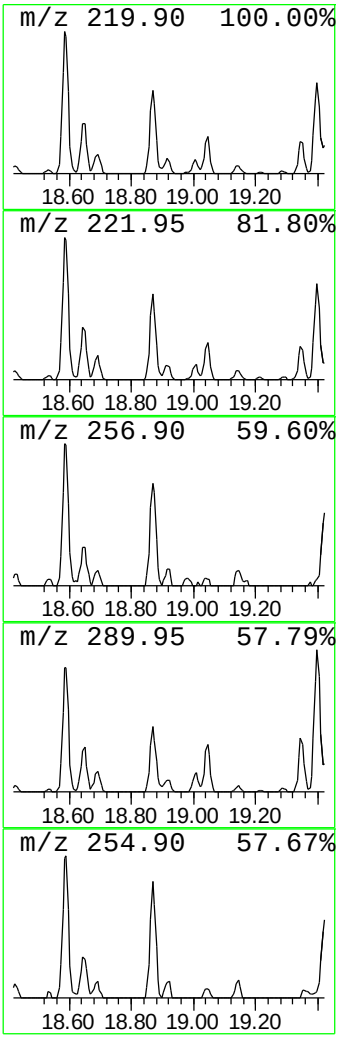
****

Peak Number 12 1,1'-Biphenyl, 2,2',3,5-Tet... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.84 ng/ul	87303	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	95
2	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	94
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	94
4	2,3,3',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070424-67-8	93
5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

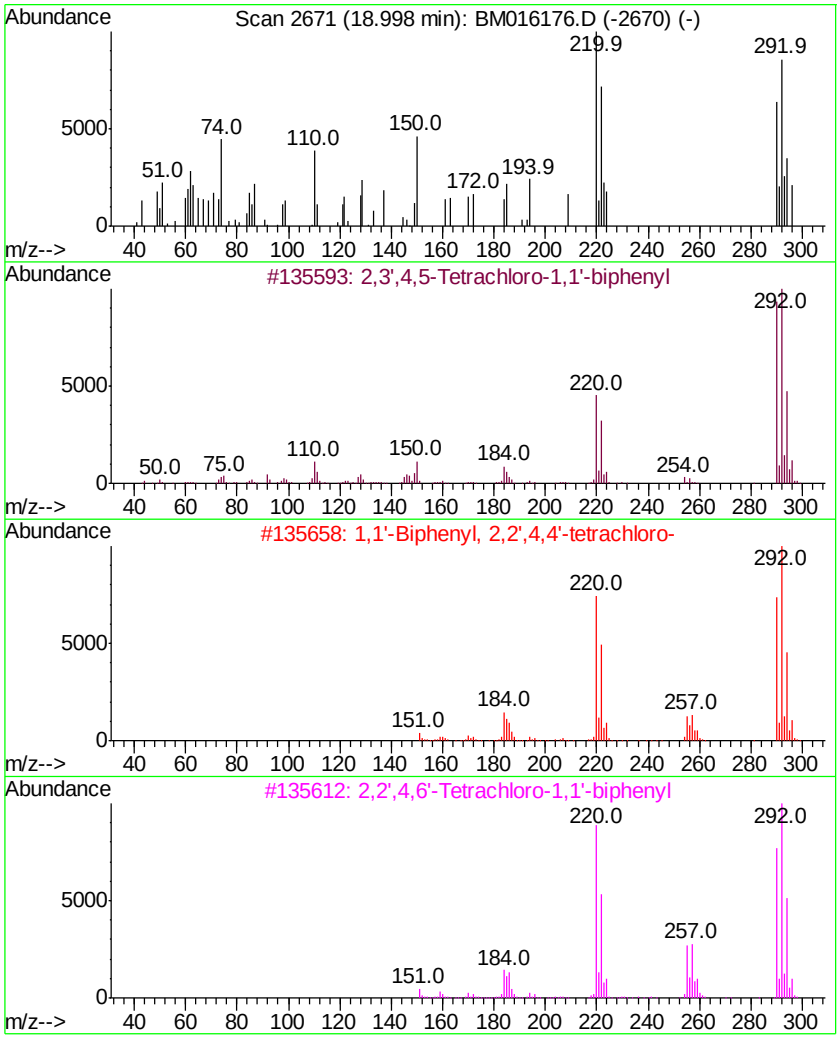
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

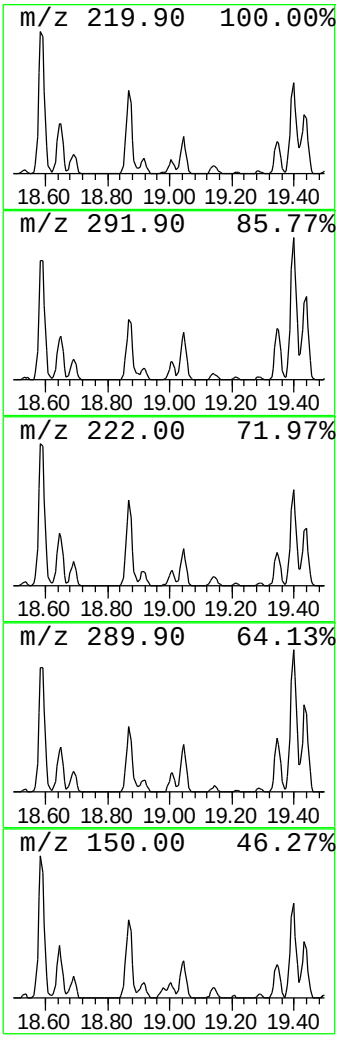
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	2.43 ng/ul	74762	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	98
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	98
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	98
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	98





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Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

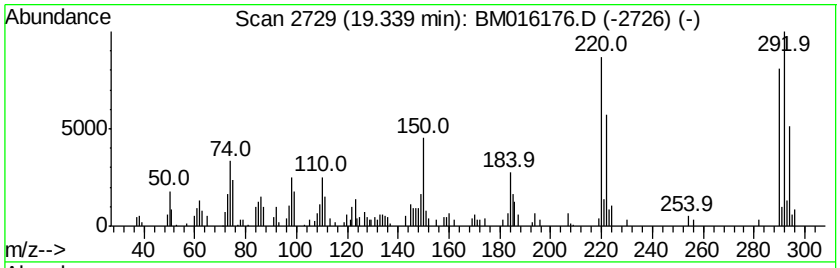
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

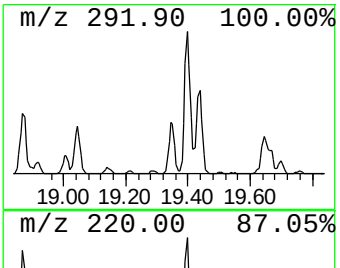
****

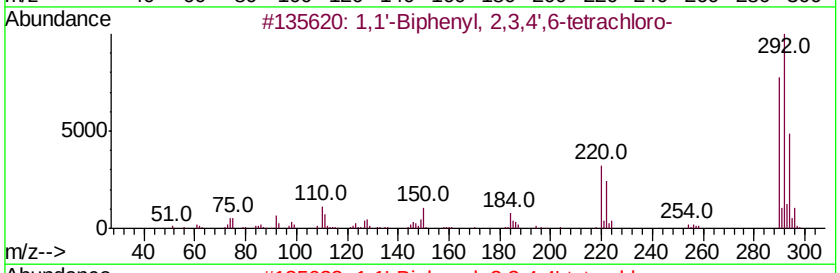
Peak Number 15 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 22

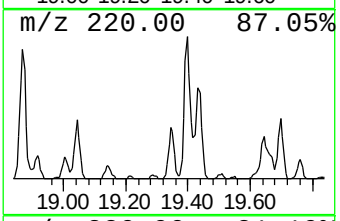
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	7.01 ng/ul	215679	Phenanthrene-d10	17.64

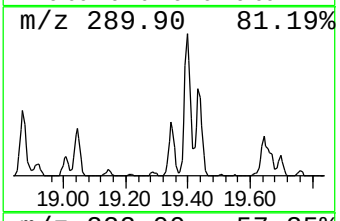
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
3	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99

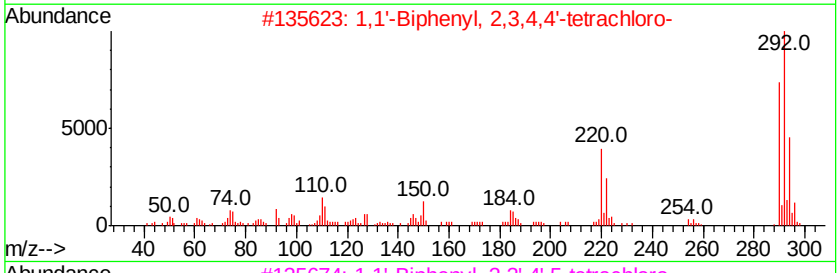


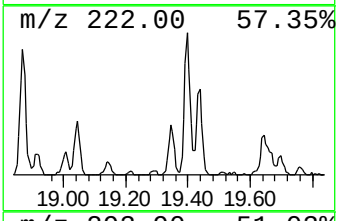


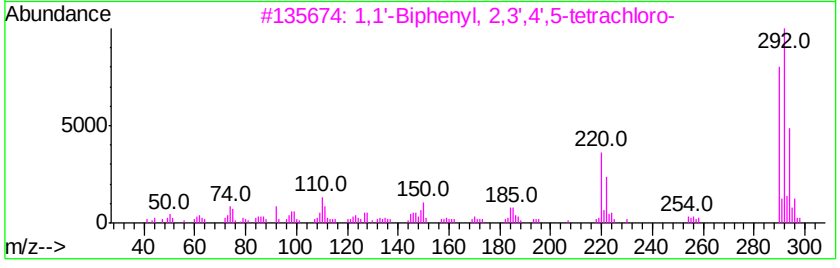


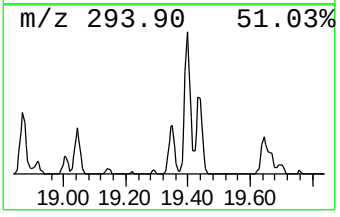












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

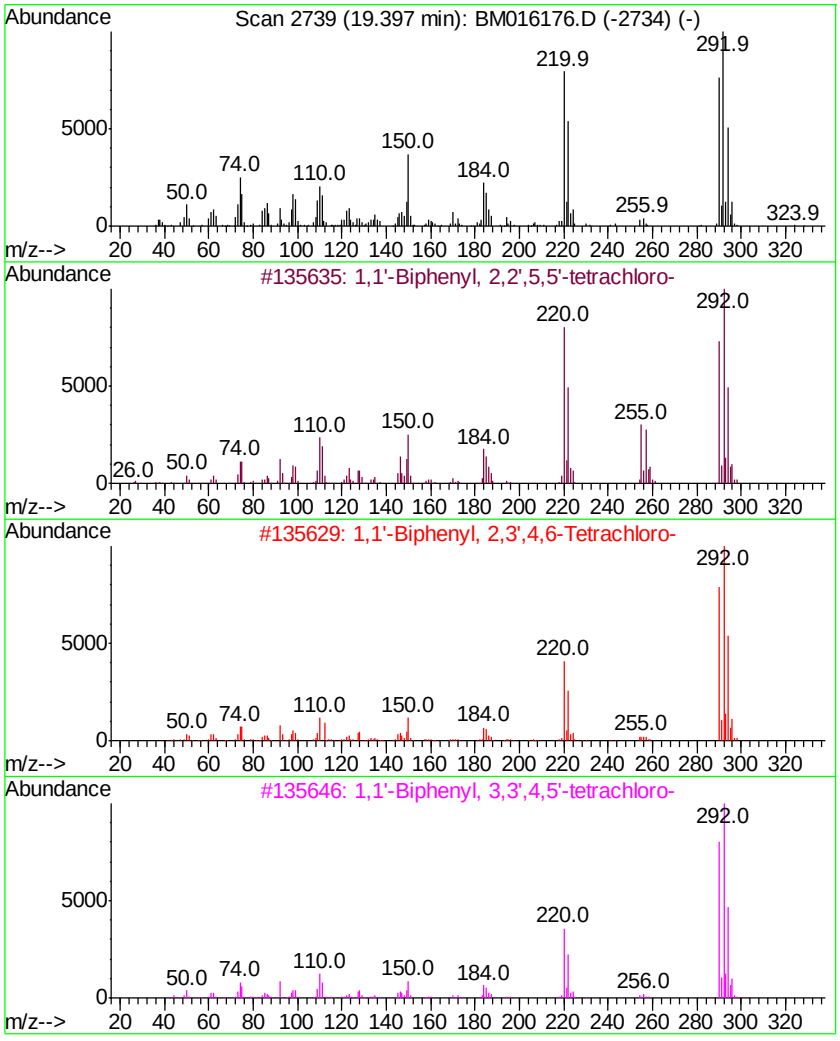
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

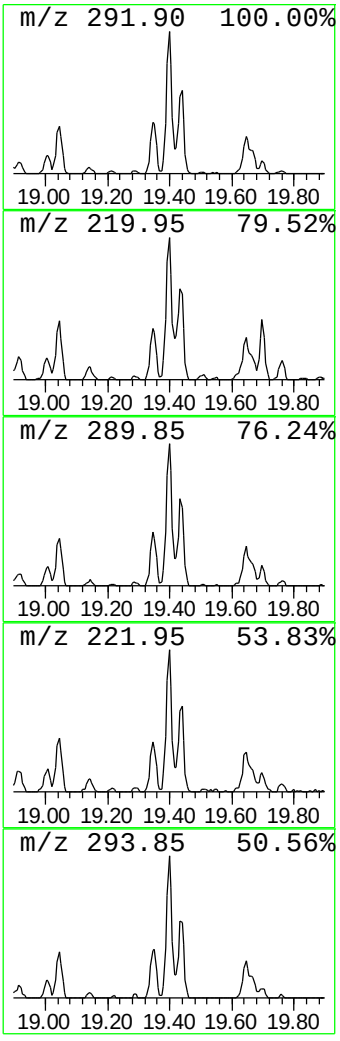
****

Peak Number 16 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	17.29 ng/ul	531799	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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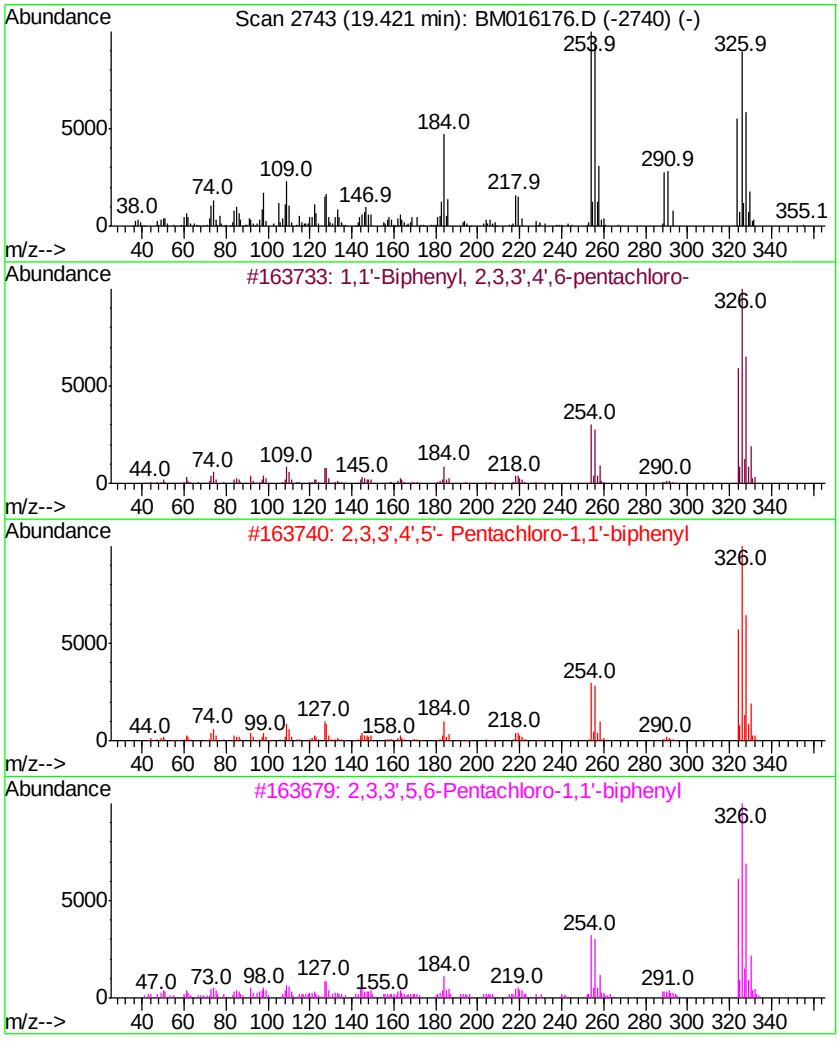
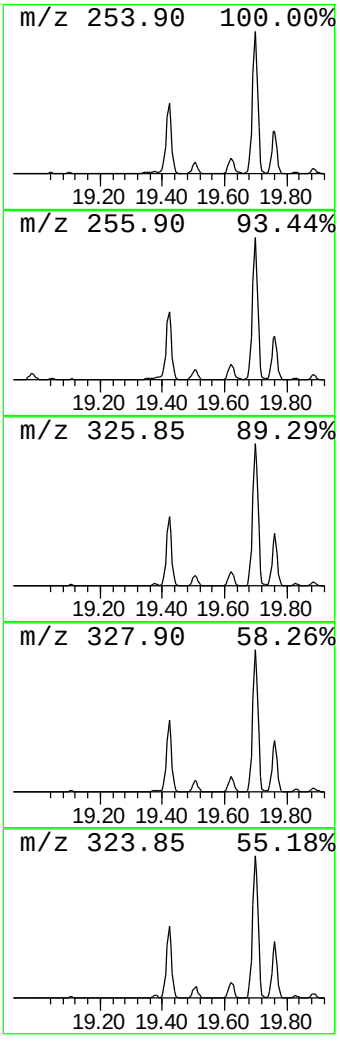
Peak Number 17 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	40.45 ng/ul	1244320	Phenanthrene-d10	17.64

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	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	98
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98





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Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

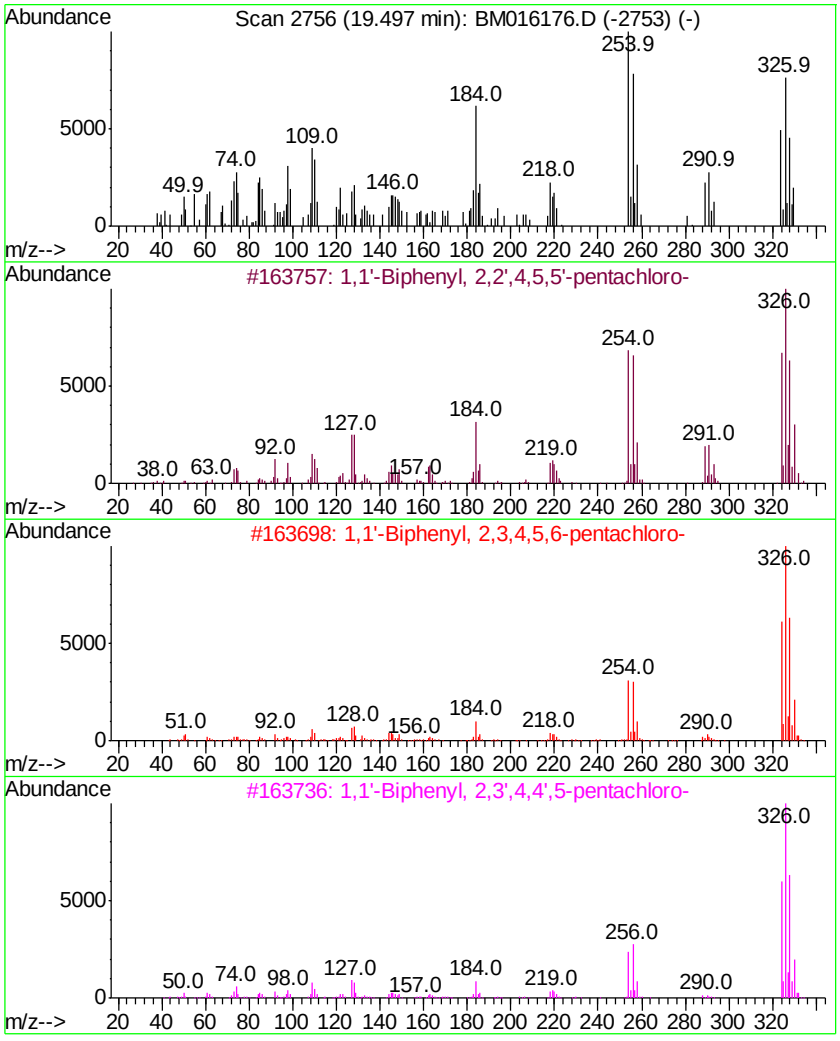
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

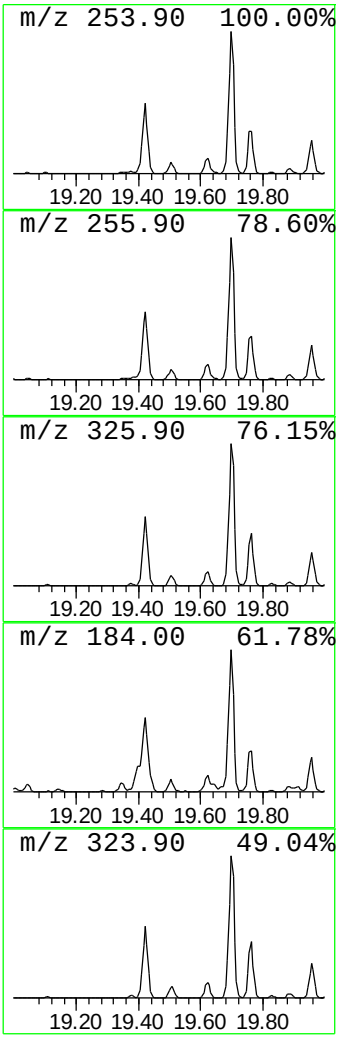
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	5.41 ng/ul	166516	Phenanthrene-d10	17.64

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, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98





Library Search Compound Report

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Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

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Quant Title : SVOA CALIBRATION

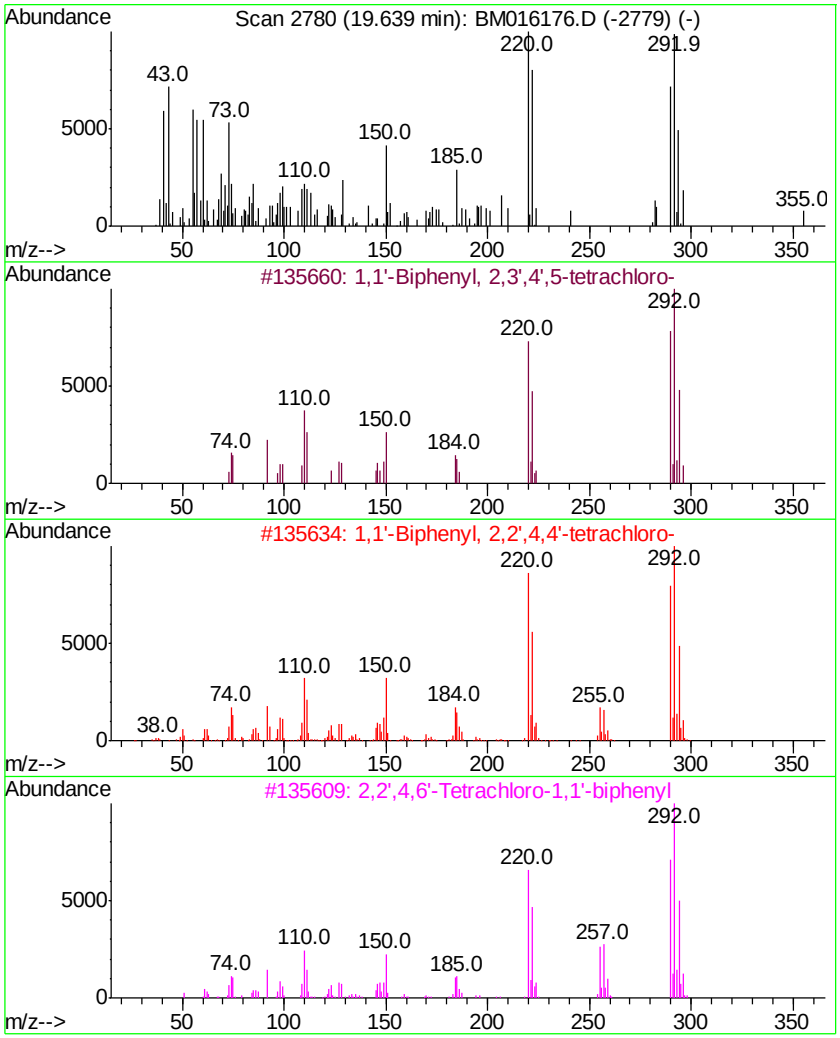
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

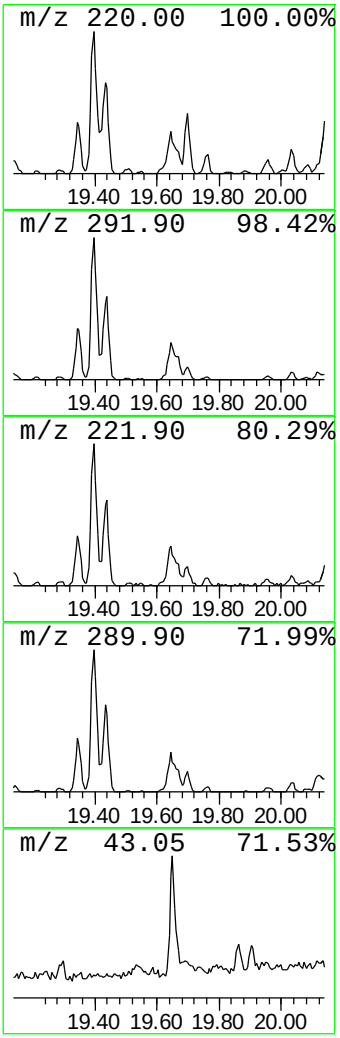
****

Peak Number 19 1,1'-Biphenyl, 2,3',4',5-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	10.90 ng/ul	335351	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	93
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	90
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	90
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	87
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	87





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Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

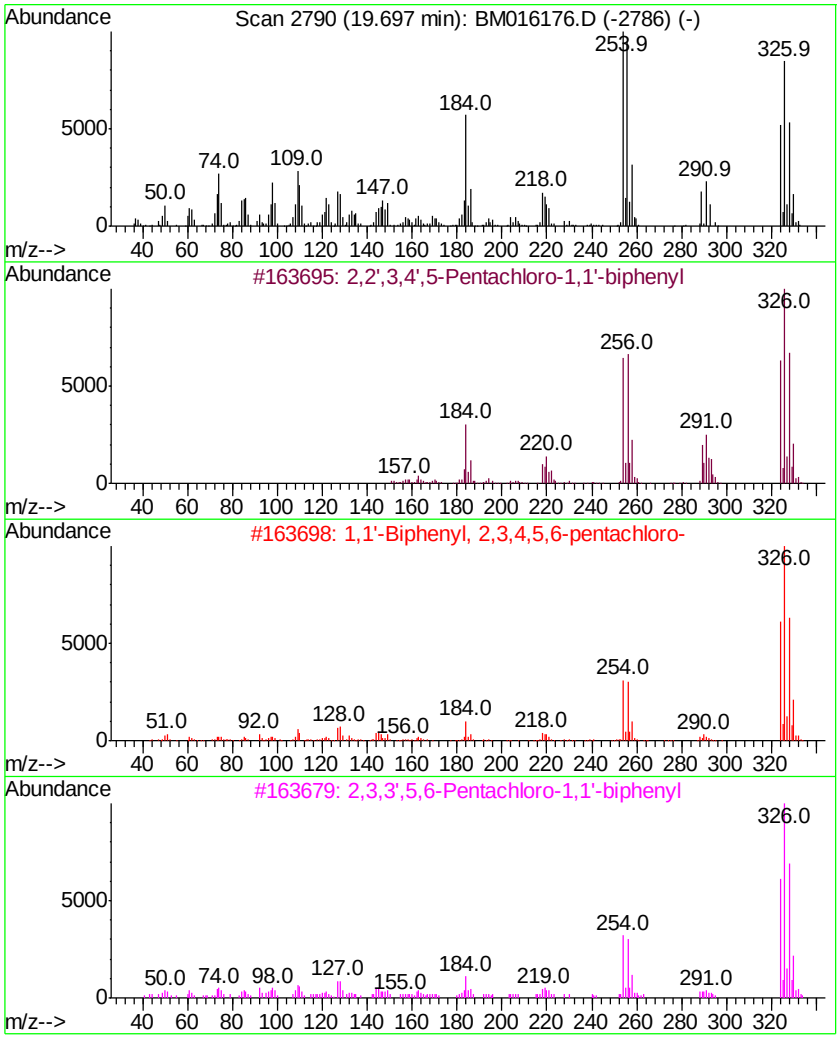
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

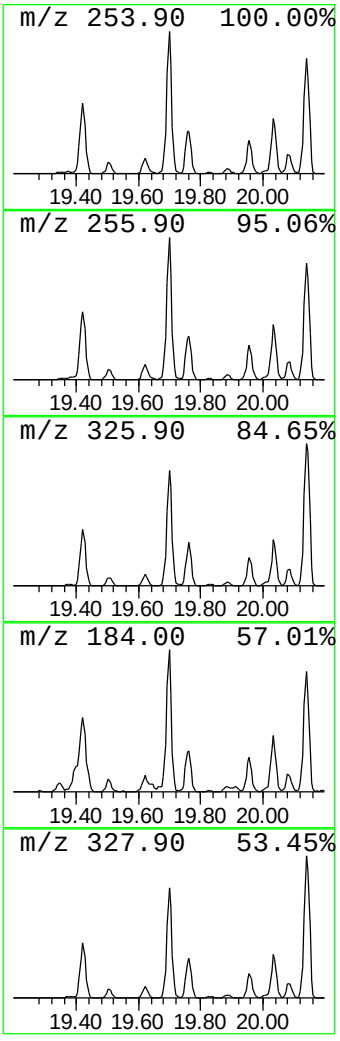
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	41.83 ng/ul	1640950	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	96
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	96
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96





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Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

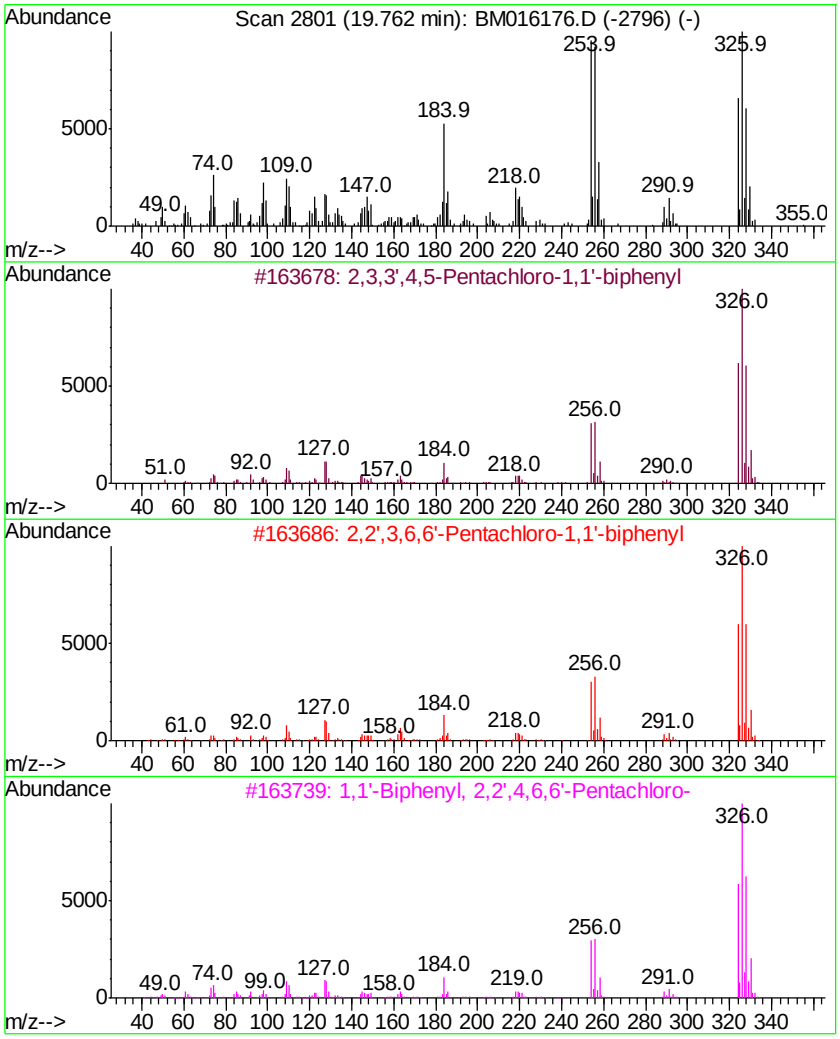
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

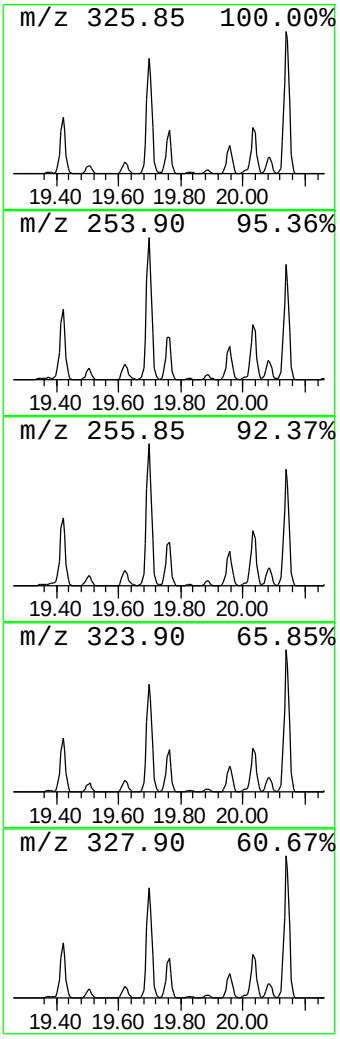
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	13.69 ng/ul	537060	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	98
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	98





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC7

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Quant Title : SVOA CALIBRATION

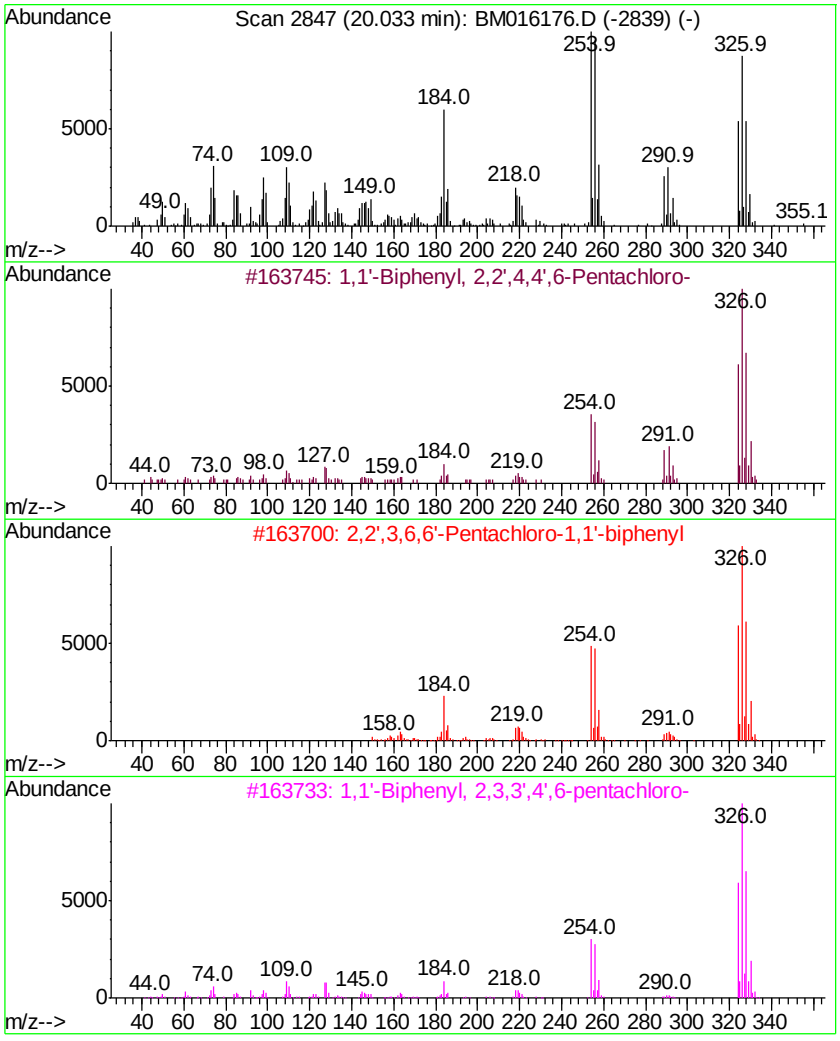
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

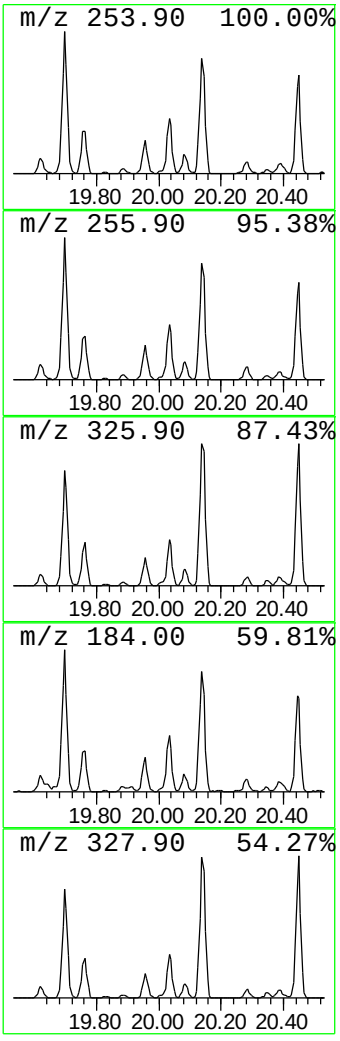
****

Peak Number 22 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	18.98 ng/ul	744730	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99





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Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

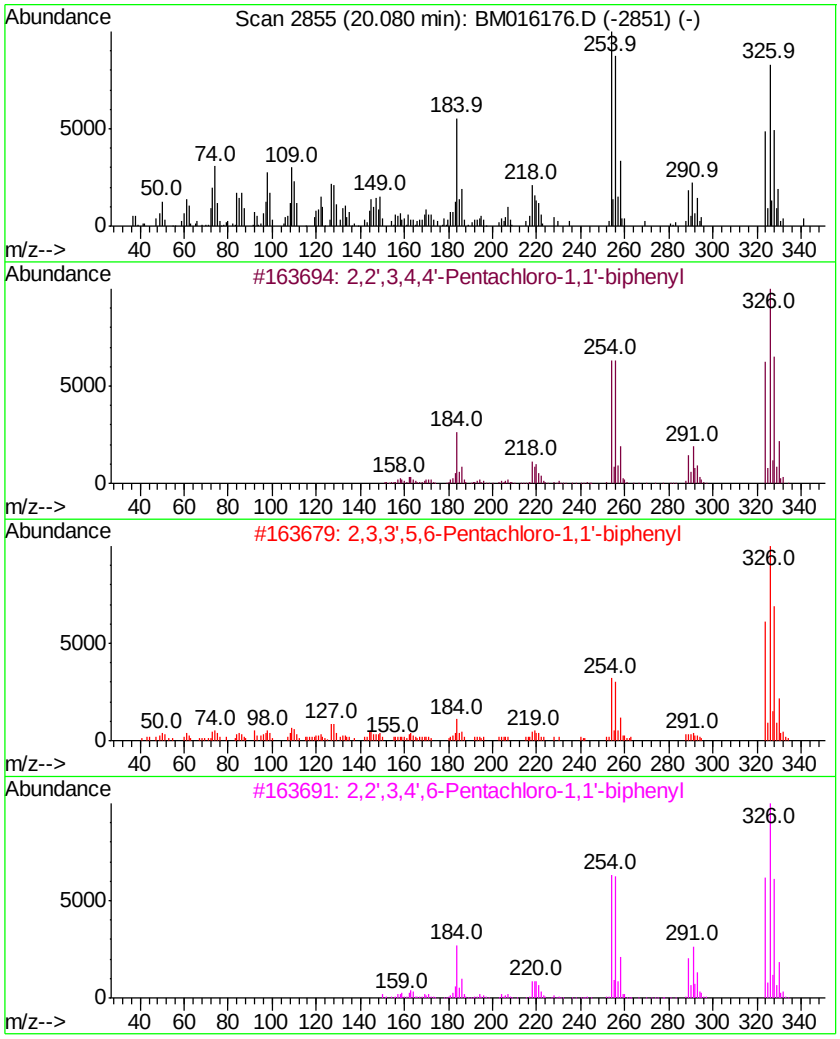
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

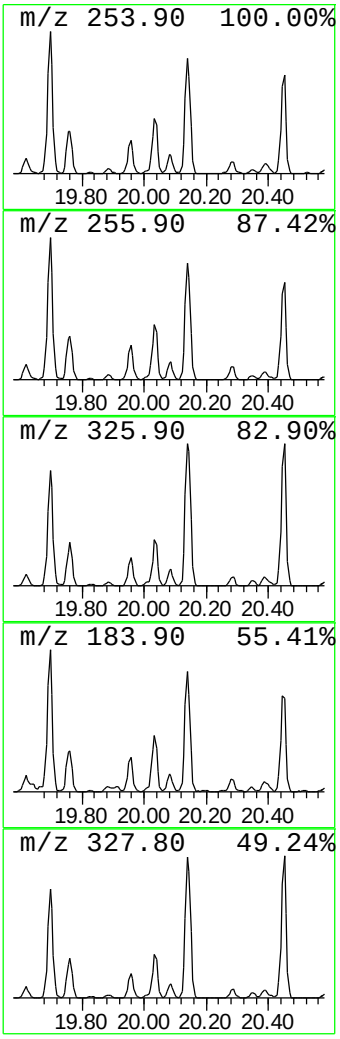
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,2',3,4,4'-Pentachloro-1,1... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	6.01 ng/ul	235609	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99





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Sample : J4178-04
Misc :
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Instrument : BNA_M
ClientSampleId : C0AC7

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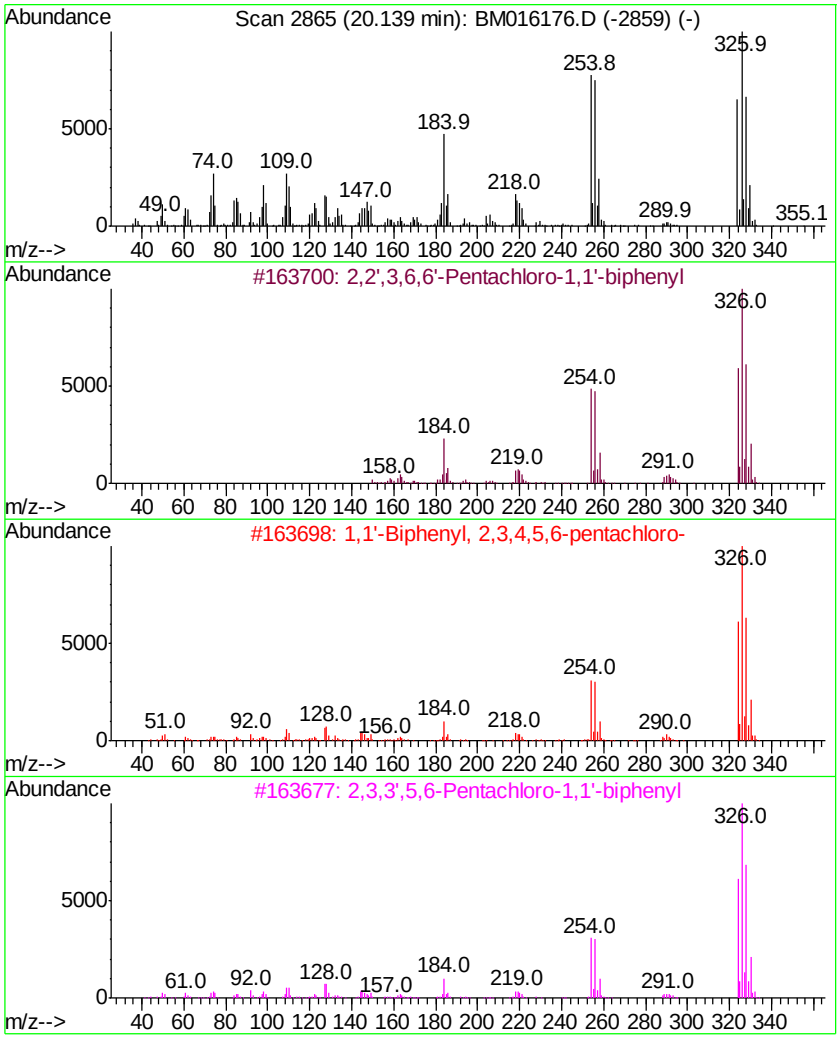
Quant Title : SVOA CALIBRATION

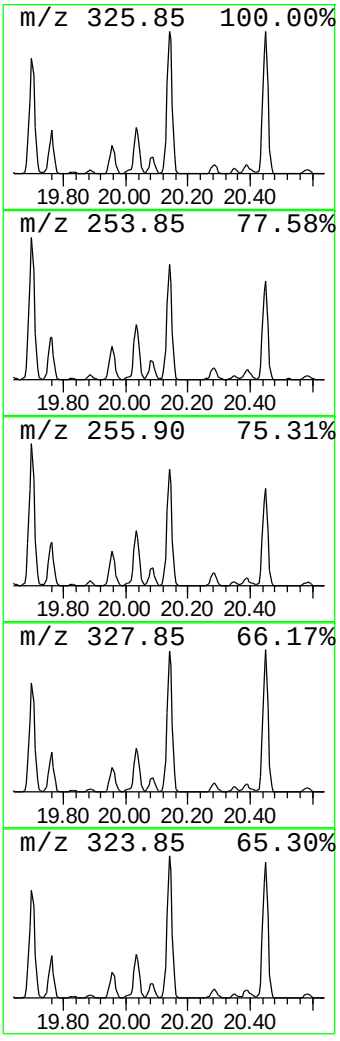
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	42.04 ng/ul	1649210	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	96
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	96
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	96





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

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Quant Title : SVOA CALIBRATION

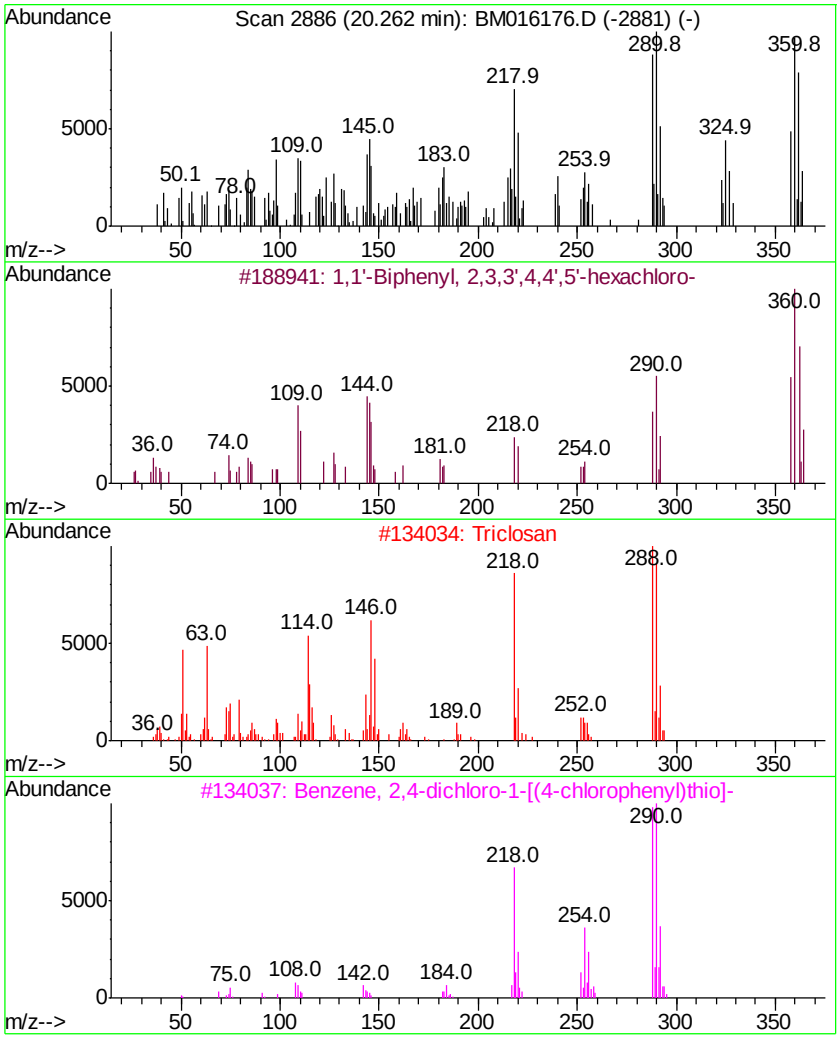
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

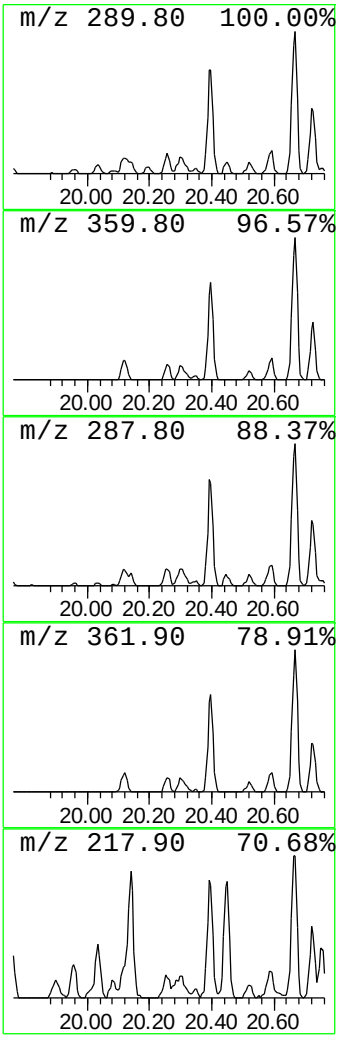
****

Peak Number 25 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.20 ng/ul	125418	Chrysene-d12	21.67

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	95
2	Triclosan	288	C12H7Cl3O2	003380-34-5	20
3	Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	18
4	1,3-Butadiyne, 1,4-di(4-bromophe...	358	C16H8Br2	000959-88-6	18
5	Penclomedine	323	C8H6Cl5NO2	108030-77-9	16





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Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

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Quant Title : SVOA CALIBRATION

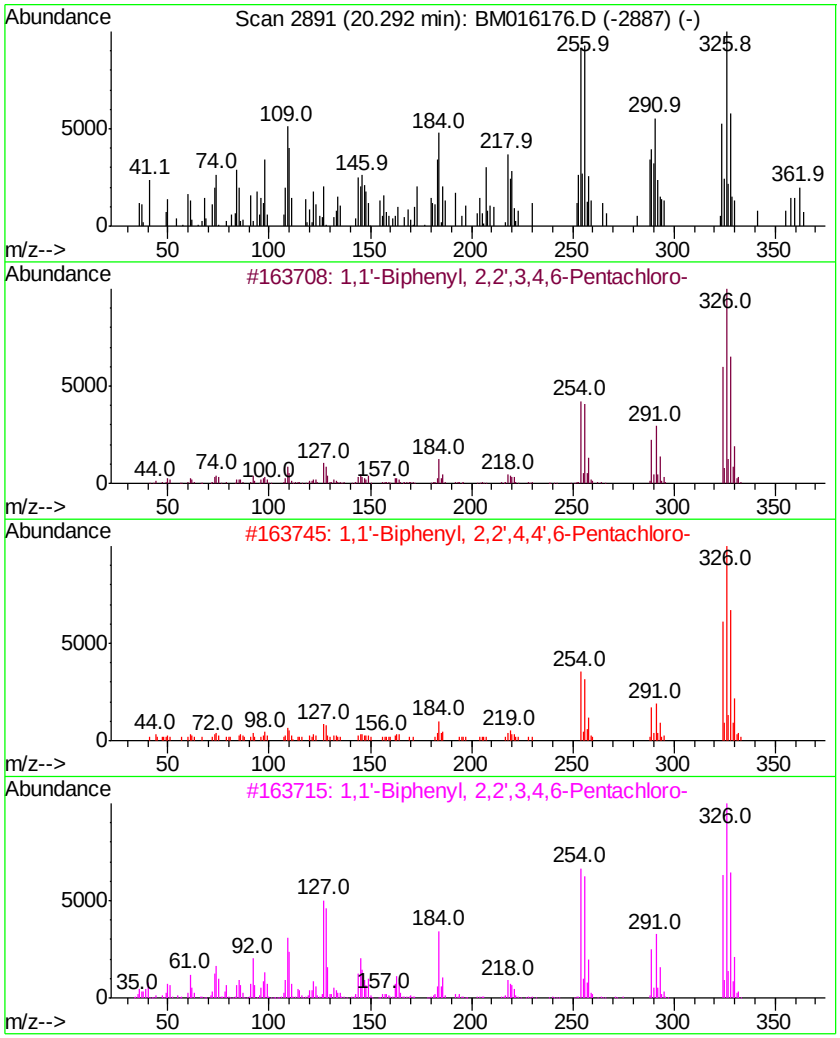
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

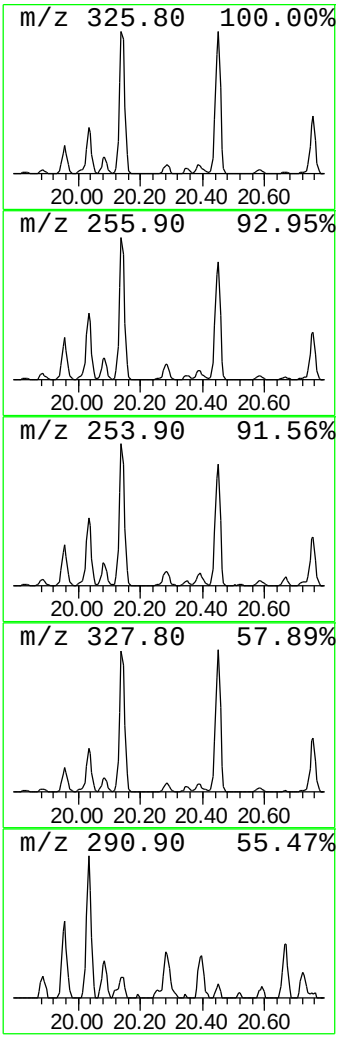
****

Peak Number 26 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	5.48 ng/ul	215075	Chrysene-d12	21.67

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',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
3	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	95
4	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	95
5	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	95





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

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Quant Title : SVOA CALIBRATION

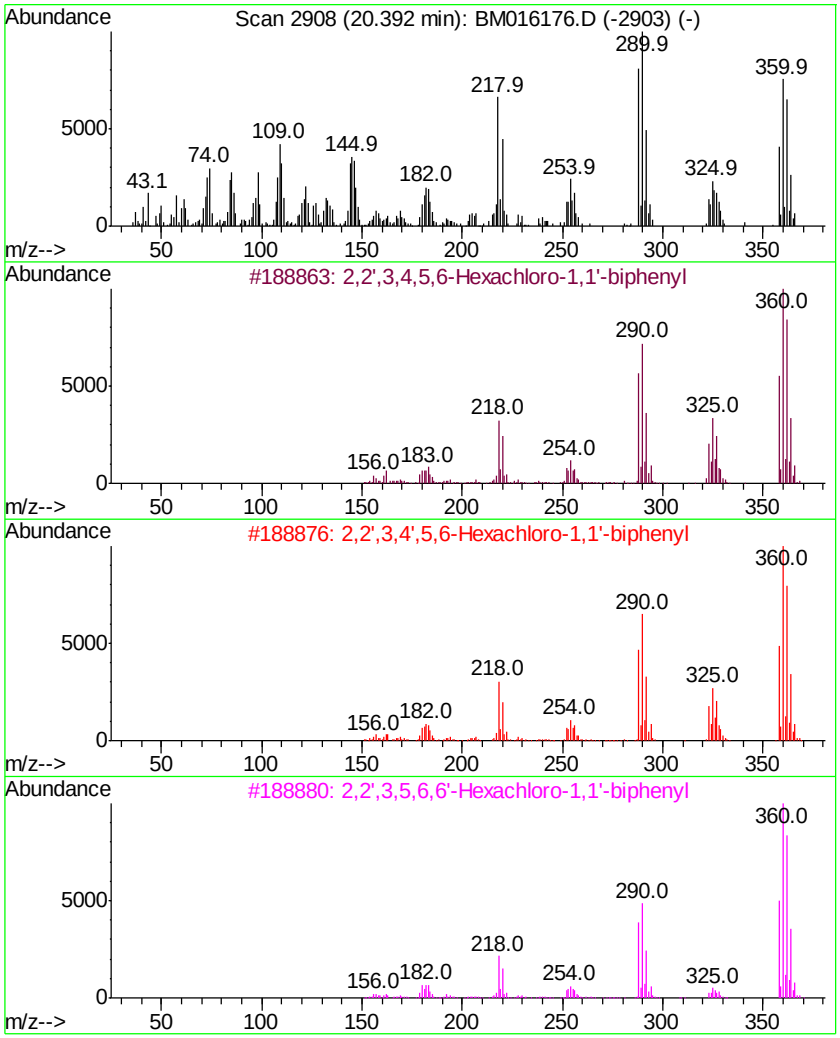
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

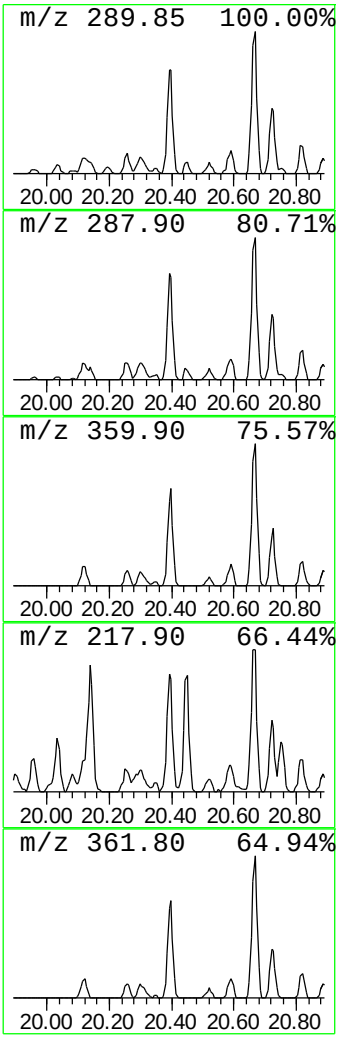
****

Peak Number 27 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	17.65 ng/ul	692593	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99





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Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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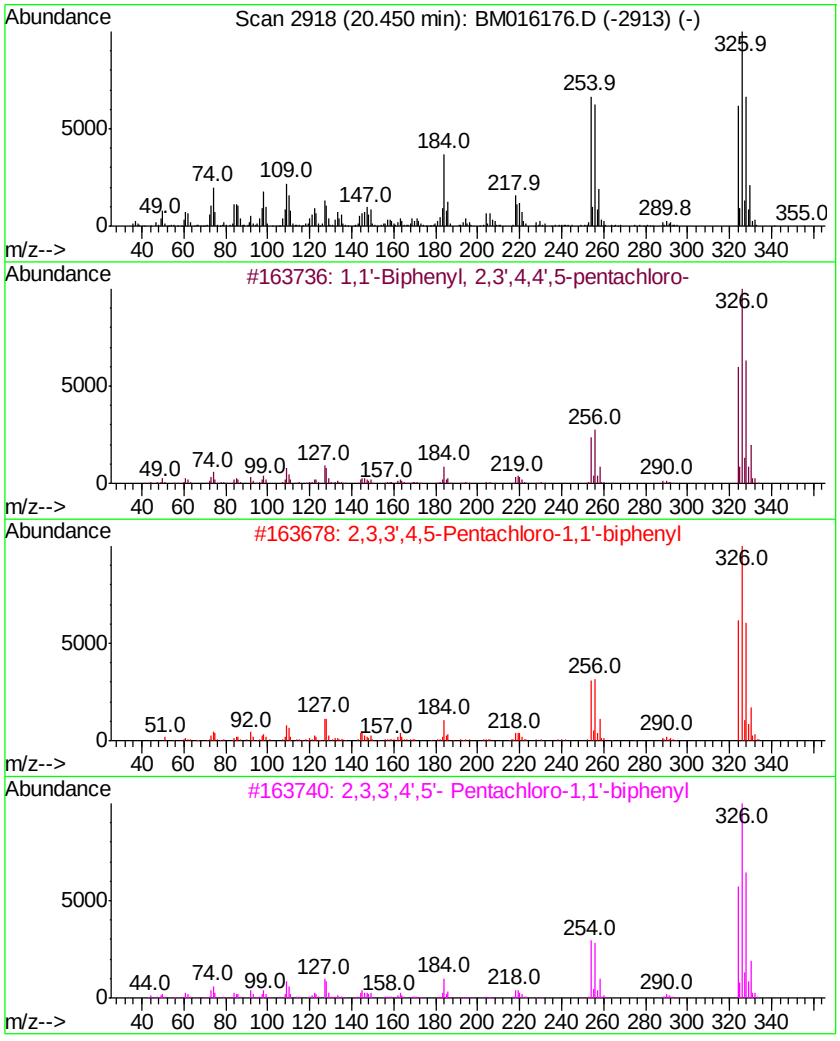
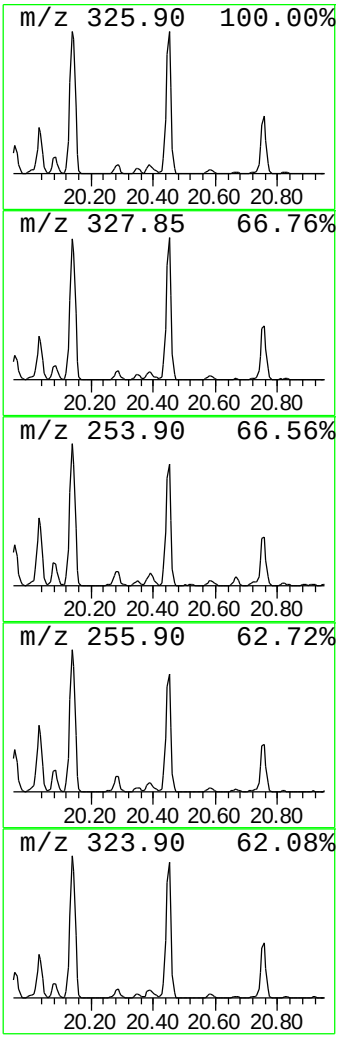
Peak Number 28 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	34.74 ng/ul	1363160	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	97
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	96
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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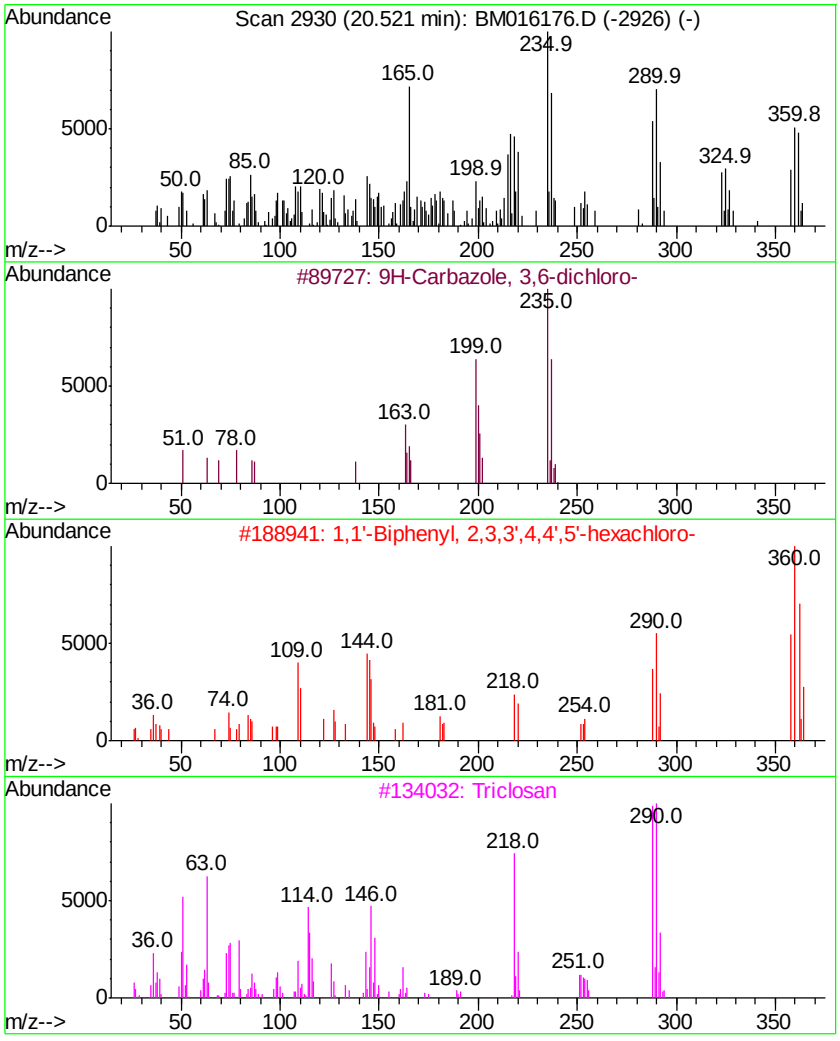
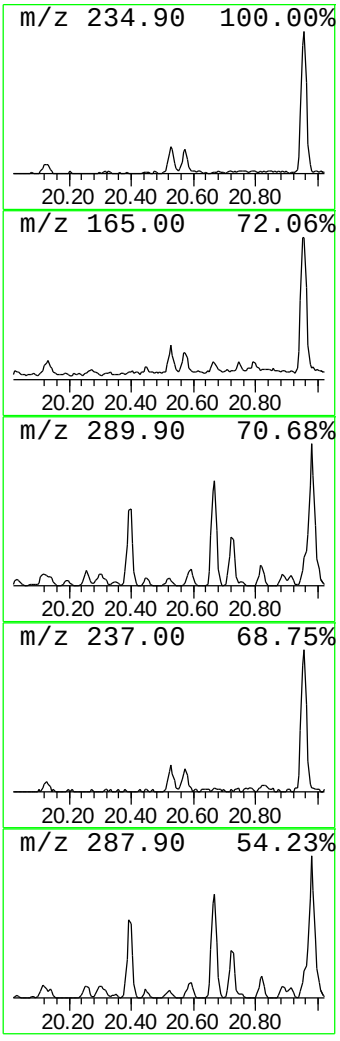
Peak Number 29 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	2.98 ng/ul	116729	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 3,6-dichloro-	235	C12H7Cl2N	005599-71-3	45
2	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	25
3	Triclosan	288	C12H7Cl3O2	003380-34-5	25
4	Mitotane	318	C14H10Cl4	000053-19-0	20
5	2,1-Benzisoxazole, 6-chloro-3-(2...	235	C11H6ClNOS	1000319-48-6	18





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Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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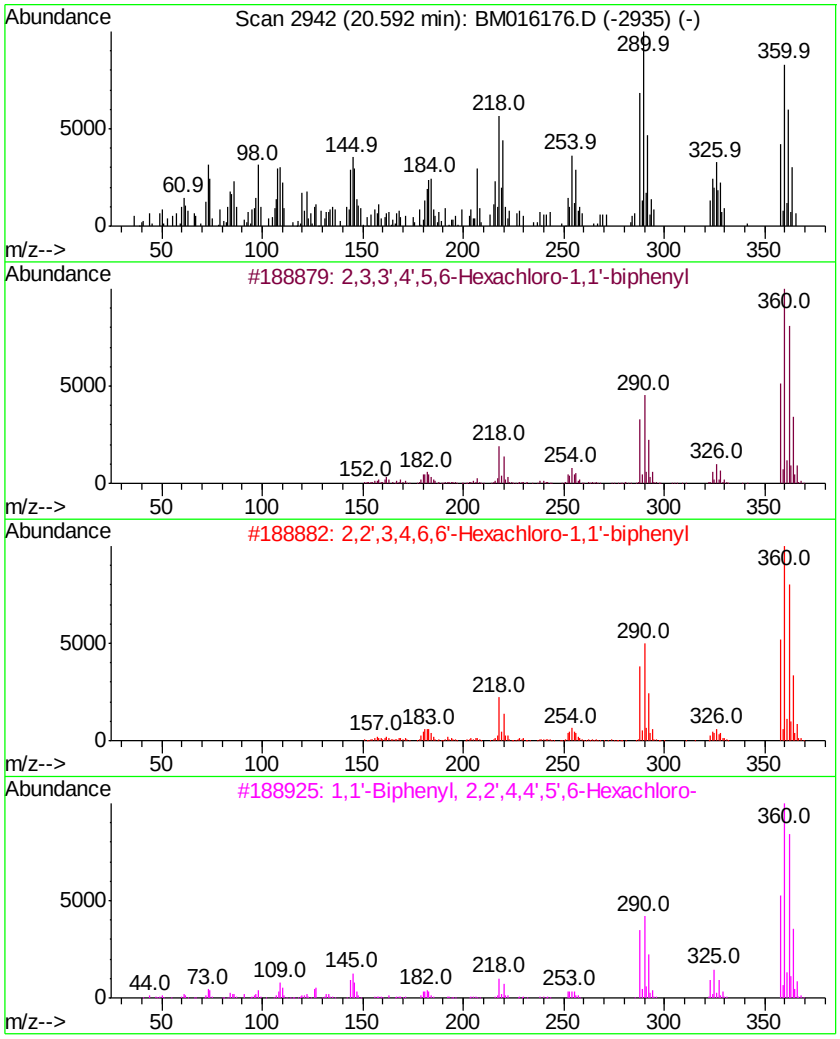
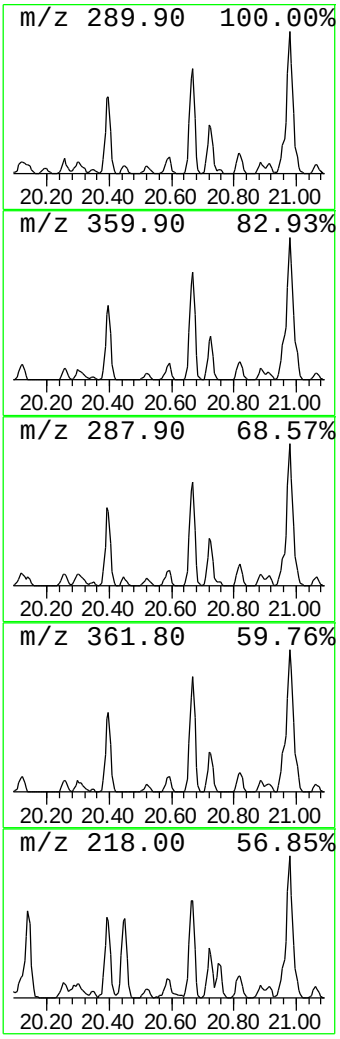
Peak Number 30 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	6.30 ng/ul	247147	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99





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Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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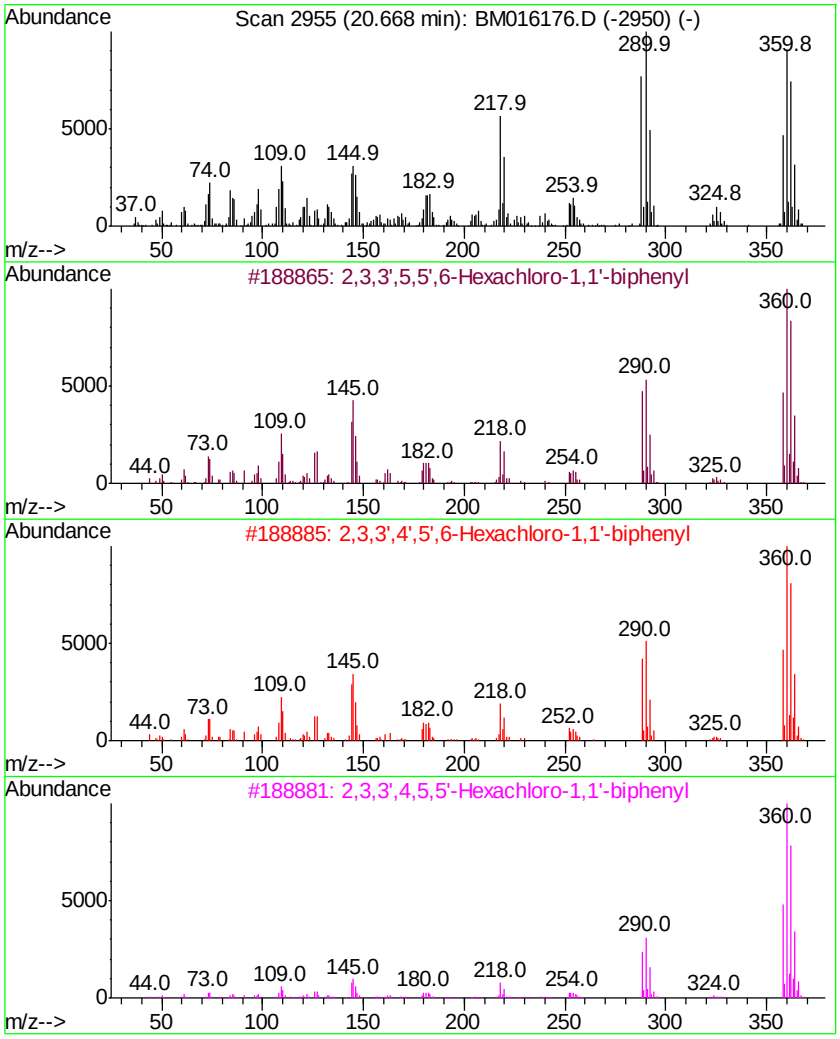
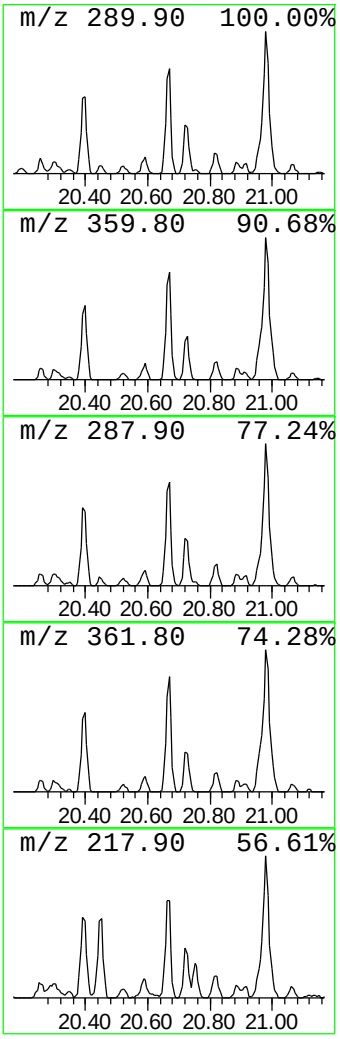
Peak Number 31 2,3,3',5,5',6-Hexachloro-1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	18.56 ng/ul	728136	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
2	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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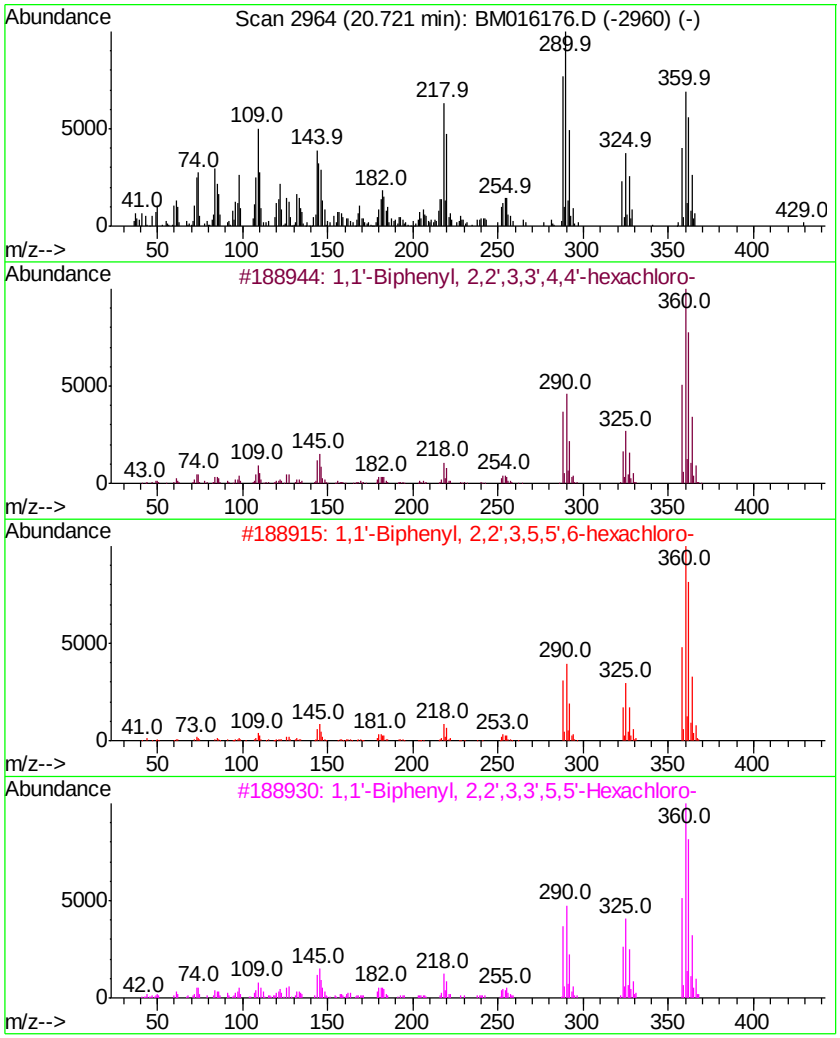
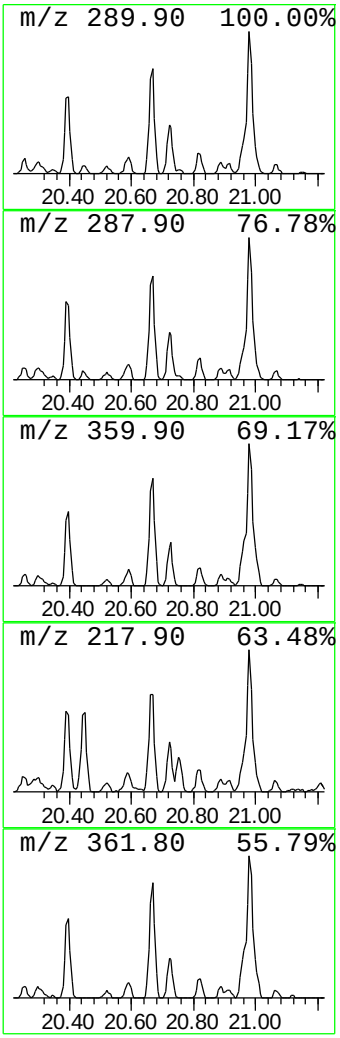
Peak Number 32 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	9.17 ng/ul	359596	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
3	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

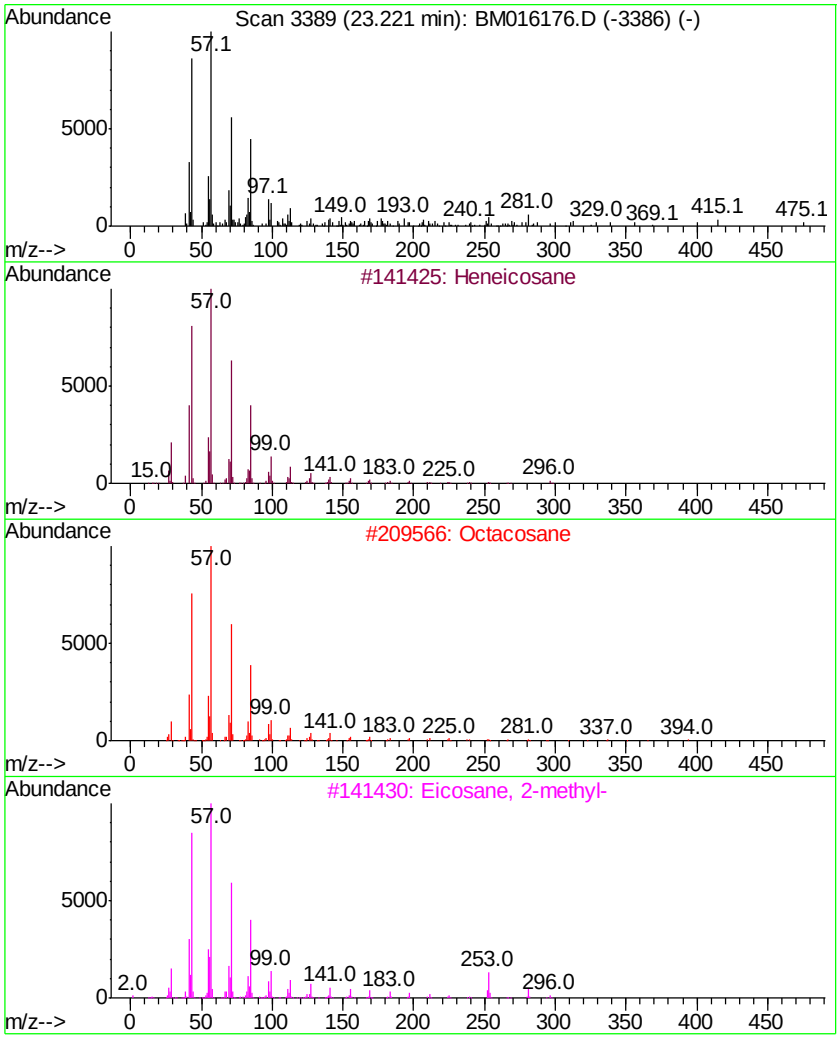
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

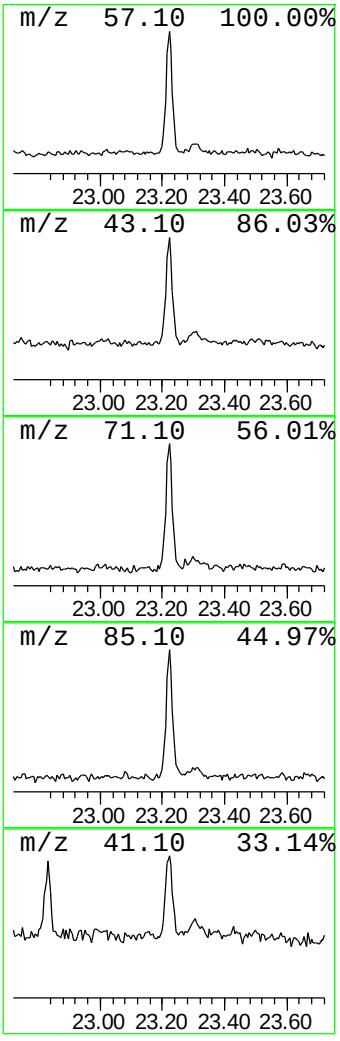
****

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	5.44 ng/ul	166668	Perylene-d12	24.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octacosane	394	C28H58	000630-02-4	90
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Hexatriacontane	507	C36H74	000630-06-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080318\
Data File : BM016176.D
Acq On : 03 Aug 2018 12:52
Operator : SJ/JU
Sample : J4178-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	6.82	3.8	ng/ul	66466	1	8.19	348114	20.0
1(2H)-Naphthaleno...	14.12	2.5	ng/ul	69165	3	14.82	560218	20.0
1,1'-Biphenyl, 2,...	17.71	3.3	ng/ul	99990	4	17.64	615162	20.0
1,1'-Biphenyl, 2,...	18.13	12.3	ng/ul	378157	4	17.64	615162	20.0
unknown-01	18.24	3.2	ng/ul	99405	4	17.64	615162	20.0
n-Hexadecanoic acid	18.39	11.0	ng/ul	338749	4	17.64	615162	20.0
1,1'-Biphenyl, 2,...	18.59	24.8	ng/ul	762534	4	17.64	615162	20.0
1,1'-Biphenyl, 2,...	18.64	8.6	ng/ul	265791	4	17.64	615162	20.0
2,3',4',5'-Tetrac...	18.69	4.0	ng/ul	122899	4	17.64	615162	20.0
2,2',3,6-Tetrachl...	18.87	14.0	ng/ul	431398	4	17.64	615162	20.0
1,1'-Biphenyl, 2,...	18.92	2.8	ng/ul	87303	4	17.64	615162	20.0
2,3',4,5-Tetrachl...	19.00	2.4	ng/ul	74762	4	17.64	615162	20.0
1,1'-Biphenyl, 2,...	19.34	7.0	ng/ul	215679	4	17.64	615162	20.0
1,1'-Biphenyl, 2,...	19.40	17.3	ng/ul	531799	4	17.64	615162	20.0
1,1'-Biphenyl, 2,...	19.42	40.5	ng/ul	1244320	4	17.64	615162	20.0
1,1'-Biphenyl, 2,...	19.50	5.4	ng/ul	166516	4	17.64	615162	20.0
1,1'-Biphenyl, 2,...	19.64	10.9	ng/ul	335351	4	17.64	615162	20.0
2,2',3,4',5-Penta...	19.70	41.8	ng/ul	1640950	5	21.67	784668	20.0
2,3,3',4,5-Pentac...	19.76	13.7	ng/ul	537060	5	21.67	784668	20.0
1,1'-Biphenyl, 2,...	20.03	19.0	ng/ul	744730	5	21.67	784668	20.0
2,2',3,4,4'-Penta...	20.08	6.0	ng/ul	235609	5	21.67	784668	20.0
2,2',3,6,6'-Penta...	20.14	42.0	ng/ul	1649210	5	21.67	784668	20.0
1,1'-Biphenyl, 2,...	20.26	3.2	ng/ul	125418	5	21.67	784668	20.0
1,1'-Biphenyl, 2,...	20.29	5.5	ng/ul	215075	5	21.67	784668	20.0
2,2',3,4,5,6-Hexa...	20.39	17.6	ng/ul	692593	5	21.67	784668	20.0
1,1'-Biphenyl, 2,...	20.45	34.7	ng/ul	1363160	5	21.67	784668	20.0
unknown-02	20.52	3.0	ng/ul	116729	5	21.67	784668	20.0
2,3,3',4',5,6-Hex...	20.59	6.3	ng/ul	247147	5	21.67	784668	20.0
2,3,3',5,5',6-Hex...	20.67	18.6	ng/ul	728136	5	21.67	784668	20.0
1,1'-Biphenyl, 2,...	20.72	9.2	ng/ul	359596	5	21.67	784668	20.0
(DEL) Alkane: Str...	23.22	5.4	ng/ul	166668	6	24.03	612359	20.0