LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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	3.187	30	34	40	rVB	1262368	1289602	0.60%	0.058%
2	7.710	796	803	806	rBV	1231891	2062669	0.96%	0.093%
3	7.745	806	809	819	rVB	2240361	3329317	1.55%	0.150%
4	8.063	854	863	873	rVB	10976206	17599947	8.21%	0.793%
5	10.416	1245	1263	1265	rBV5	54457674	214351582	100.00%	9.659%
6	10.533	1277	1283	1288	rBV	1980245	2792706	1.30%	0.126%
7	10.916	1330	1348	1354	rBV	47809308	121220111	56.55%	5.462%
8	11.604	1458	1465	1472	rVB	681619	1149937	0.54%	0.052%
9	11.786	1486	1496	1505	rVB	121763	287786	0.13%	0.013%
10	12.063	1538	1543	1548	rBV	190041	312891	0.15%	0.014%
11	12.239	1567	1573	1579	rBV2	160015	322161	0.15%	0.015%
12	12.545	1611	1625	1631	rBV	28599414	49311181	23.00%	2.222%
13	12.845	1670	1676	1681	rBV	377943	637019	0.30%	0.029%
14	13.163	1720	1730	1739	rBV	38408823	73076895	34.09%	3.293%
15	13.769	1829	1833	1838	rBV	511874	714579	0.33%	0.032%
16	14.092	1883	1888	1894	rBV6	219940	496818	0.23%	0.022%
17	14.180	1899	1903	1911	rVB	682344	1053909	0.49%	0.047%
18	14.257	1911	1916	1921	rBV2	164326	328032	0.15%	0.015%
19	14.351	1922	1932	1939	rBV2	2084138	3790046	1.77%	0.171%
20	14.480	1949	1954	1959	rVB	1177505	1652341	0.77%	0.074%
21	14.674	1983	1987	1992	rBV3	301960	430778	0.20%	0.019%
22	14.886	2019	2023	2029	rBV6	210918	360426	0.17%	0.016%
23	14.980	2036	2039	2042	rBV4	145270	223241	0.10%	0.010%
24	15.074	2051	2055	2061	rVB5	243732	437976	0.20%	0.020%
25	15.145	2062	2067	2073	rBV2	602505	984977	0.46%	0.044%
26	15.292	2088	2092	2100	rBV	532938	768318	0.36%	0.035%
27	15.616	2143	2147	2155	rVB3	518643	913098	0.43%	0.041%
28	16.339	2265	2270	2275	rBV2	753021	1148295	0.54%	0.052%
29	17.104	2395	2400	2404	rBV2	1990134	3103599	1.45%	0.140%
30	17.139	2404	2406	2416	rVB	781226	1139420	0.53%	0.051%
31	18.174	2577	2582	2588	rVB	5130422	7068737	3.30%	0.319%
32	18.462	2627	2631	2637	rBV2	766309	1015487	0.47%	0.046%
33	18.951	2711	2714	2719	rVB2	279128	317495	0.15%	0.014%
34	19.033	2719	2728	2734	rVB	38899487	56479539	26.35%	2.545%

LSC Area Percent Report

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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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	19.115	2739	2742	2746	rVB	398054	479397	0.22%	0.022%
36	19.168	2747	2751	2756	rVB	947489	1314246	0.61%	0.059%
37	19.233	2757	2762	2768	rBV	5768639	7762763	3.62%	0.350%
38	19.327	2770	2778	2782	rVV	44591562	66774957	31.15%	3.009%
39	19.380	2782	2787	2791	rVB	1304910	1570648	0.73%	0.071%
40	19.503	2805	2808	2810	rBV2	317361	380594	0.18%	0.017%
41	19.533	2810	2813	2816	rVB	328539	380365	0.18%	0.017%
42	19.574	2816	2820	2825	rVB	1980305	2429516	1.13%	0.109%
43	19.656	2829	2834	2838	rVB	7226912	9639525	4.50%	0.434%
44	19.703	2838	2842	2844	rBV	438767	573936	0.27%	0.026%
45	19.745	2844	2849	2851	rBV	25820305	38200016	17.82%	1.721%
46	19.892	2867	2874	2878	rBV	43435818	63501682	29.63%	2.862%
47	19.939	2878	2882	2889	rVV	21695745	40436396	18.86%	1.822%
48	20.051	2892	2901	2904	rVV2	60004946	121764259	56.81%	5.487%
49	20.086	2904	2907	2912	rVB	11023751	12410662	5.79%	0.559%
50	20.156	2914	2919	2924	rVB	7736395	9633297	4.49%	0.434%
51	20.233	2924	2932	2939	rVB	17828637	26432215	12.33%	1.191%
52	20.333	2939	2949	2952	rBV2	60602091	134398103	62.70%	6.056%
53	20.374	2952	2956	2966	rVB	35122410	50183870	23.41%	2.261%
54	20.474	2966	2973	2979	rBV2	52959078	84650340	39.49%	3.815%
55	20.562	2979	2988	2991	rVV	15131000	19272113	8.99%	0.868%
56	20.645	2991	3002	3006	rVV	58020504	159909944	74.60%	7.206%
57	20.680	3006	3008	3012	rVV	16754263	17874875	8.34%	0.805%
58	20.715	3012	3014	3016	rVV	2457705	2464436	1.15%	0.111%
59	20.745	3016	3019	3020	rVV	3492689	3833073	1.79%	0.173%
60	20.786	3020	3026	3030	rVV	55819586	88158326	41.13%	3.973%
61	20.845	3030	3036	3044	rVB	41157906	50927409	23.76%	2.295%
62	20.933	3046	3051	3054	rBV	11967062	14395534	6.72%	0.649%
63	20.974	3054	3058	3064	rVB	10867788	13174821	6.15%	0.594%
64	21.056	3064	3072	3075	rBV	53198977	81303458	37.93%	3.664%
65	21.103	3075	3080	3085	rVV2	37926301	56578653	26.40%	2.550%
66	21.156	3085	3089	3092	rVV	20865725	26661905	12.44%	1.201%
67	21.186	3092	3094	3099	rVV2	9754343	14939398	6.97%	0.673%
68	21.227	3099	3101	3102	rVV	2369096	2341461	1.09%	0.106%
69	21.256	3102	3106	3109	rVV	11743965	15511161	7.24%	0.699%
70	21.350	3109	3122	3126	rVV3	60127822	141776808	66.14%	6.389%
71	21.392	3126	3129	3135	rVV	3685251	3956576	1.85%	0.178%

LSC Area Percent Report

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Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

72	21.468	3138	3142	3152	rVB	5120552	6252987	2.92%	0.282%
73	21.650	3165	3173	3178	rBV2	50386968	89802115	41.89%	4.047%
74	21.703	3178	3182	3187	rVV	31463232	38733673	18.07%	1.745%
75	21.774	3187	3194	3199	rVV	36584183	47379188	22.10%	2.135%
76	21.945	3218	3223	3232	rVB	2232105	2913937	1.36%	0.131%
77	22.068	3240	3244	3246	rBV2	1026764	1301644	0.61%	0.059%
78	22.109	3246	3251	3257	rVV2	13247448	18371675	8.57%	0.828%
79	22.174	3257	3262	3266	rVB	879664	1215370	0.57%	0.055%
80	22.333	3282	3289	3294	rBV2	26206077	41015063	19.13%	1.848%
81	22.386	3294	3298	3308	rVB2	1874217	3013793	1.41%	0.136%
82	22.774	3358	3364	3372	rVB	5496866	8296492	3.87%	0.374%
83	22.856	3375	3378	3384	rBV	265154	539138	0.25%	0.024%
84	22.980	3395	3399	3405	rVB2	427208	681227	0.32%	0.031%
85	23.527	3486	3492	3501	rVB	1905634	3484480	1.63%	0.157%

Sum of corrected areas: 2219168435

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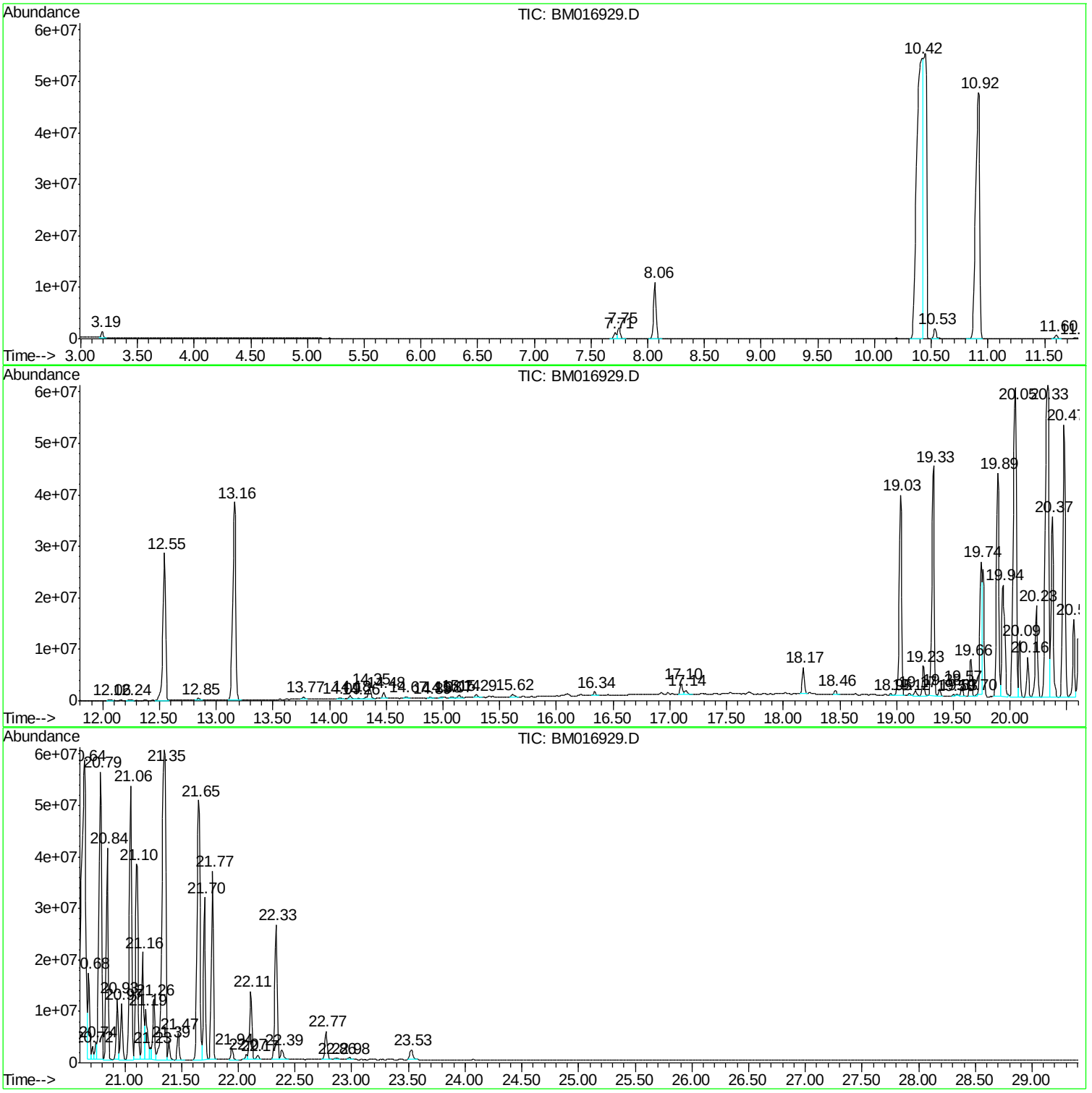
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BB2

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 : BM016929.D
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Operator : MJ/SJ
Sample : J5120-15
Misc :
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Instrument : BNA_M
ClientSampleId : C0BB2

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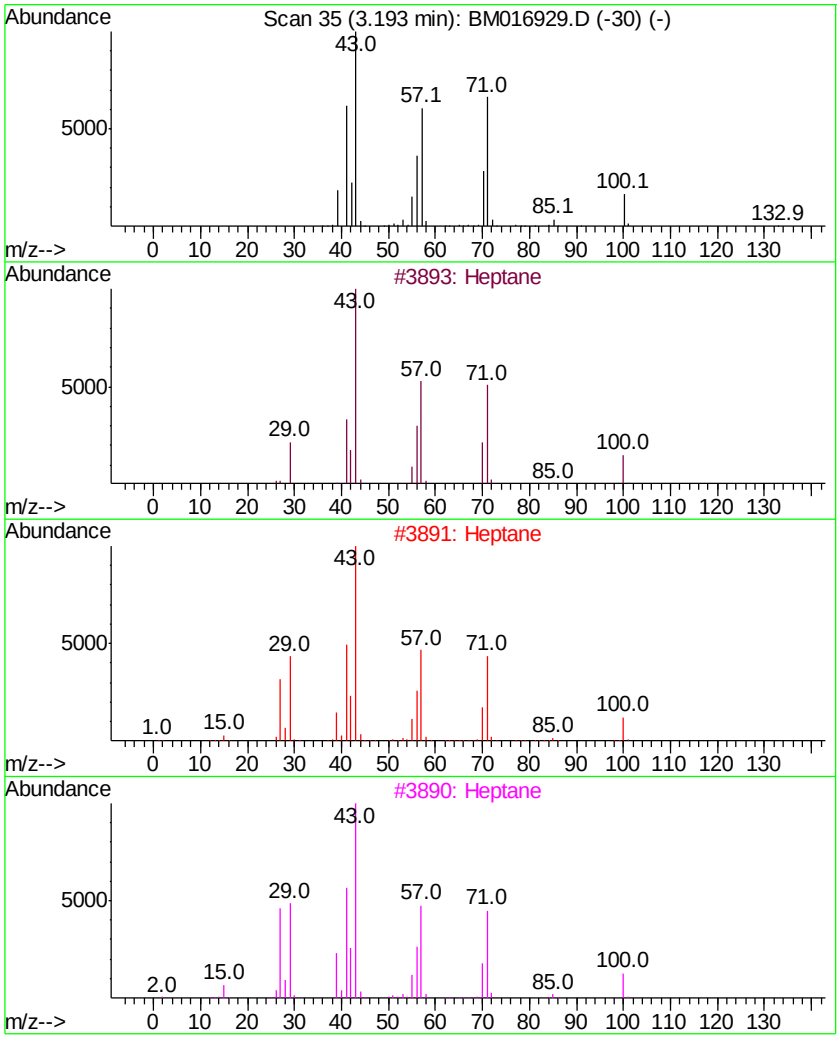
Quant Title : SVOA CALIBRATION

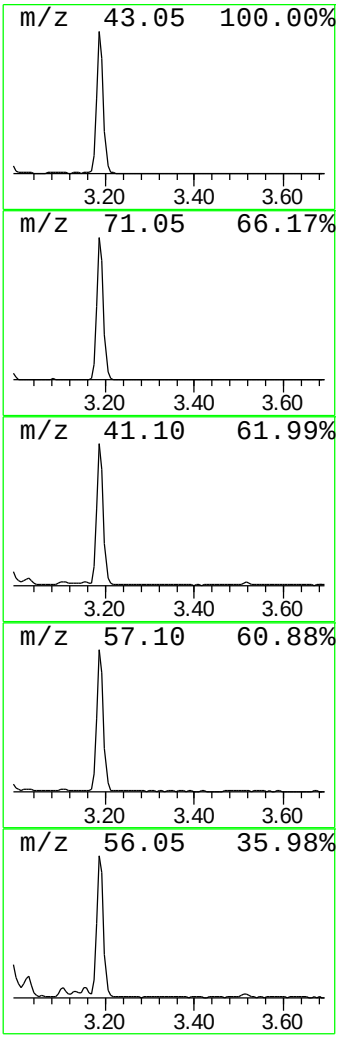
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	12.50 ng/ul	1289600	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	90
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
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Sample : J5120-15
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Instrument : BNA_M
ClientSampleId : C0BB2

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

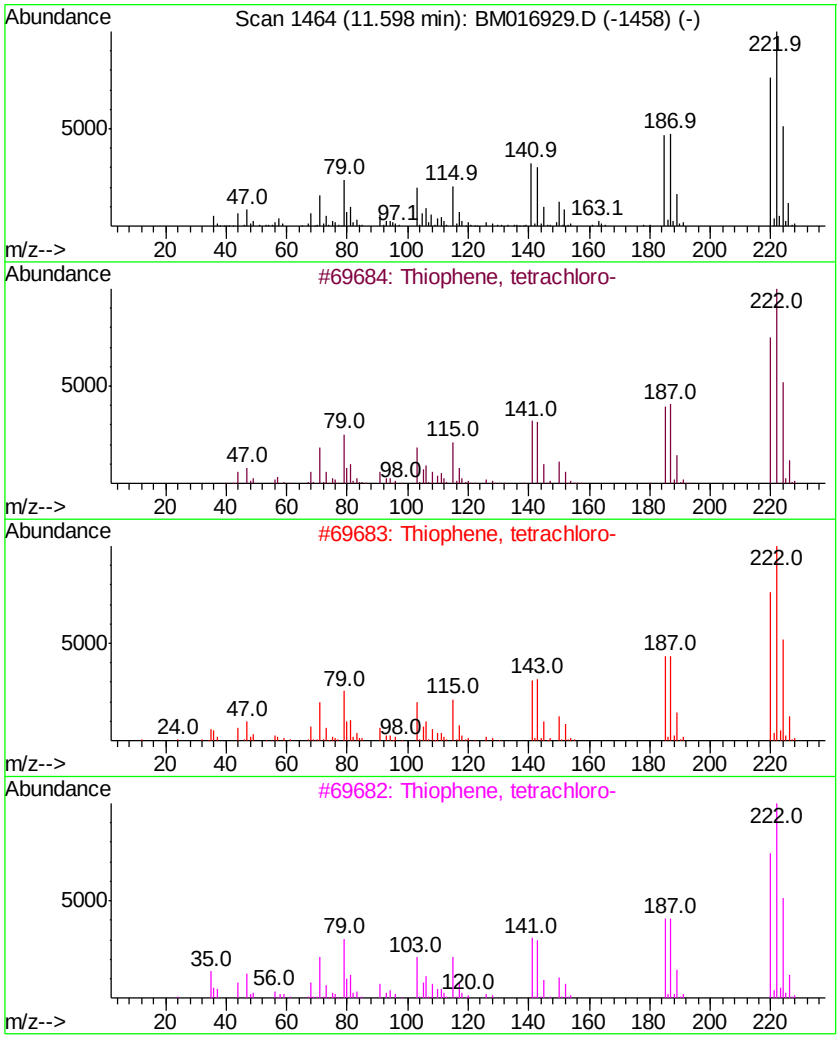
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

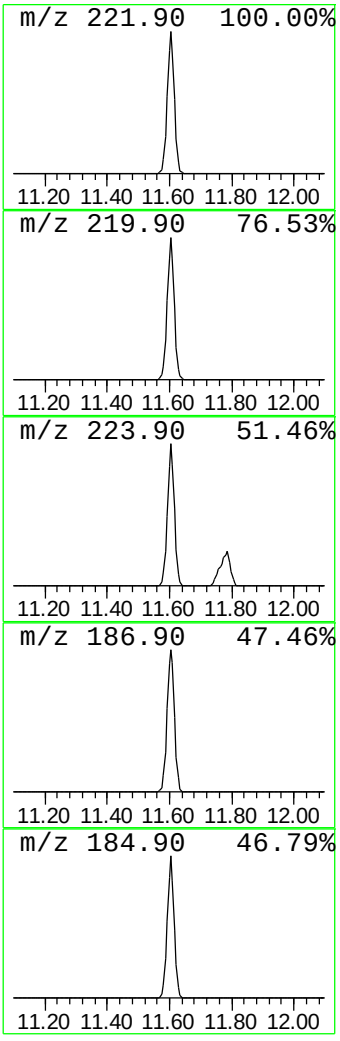
****

Peak Number 5 Thiophene, tetrachloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	8.24 ng/ul	1149940	Naphthalene-d8	10.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrachloro-	220	C4Cl4S	006012-97-1	99
2	Thiophene, tetrachloro-	220	C4Cl4S	006012-97-1	99
3	Thiophene, tetrachloro-	220	C4Cl4S	006012-97-1	99
4	1,1-Dibromodifluoroethylene	220	C2Br2F2	000430-85-3	46
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
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Instrument : BNA_M
ClientSampleId : C0BB2

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

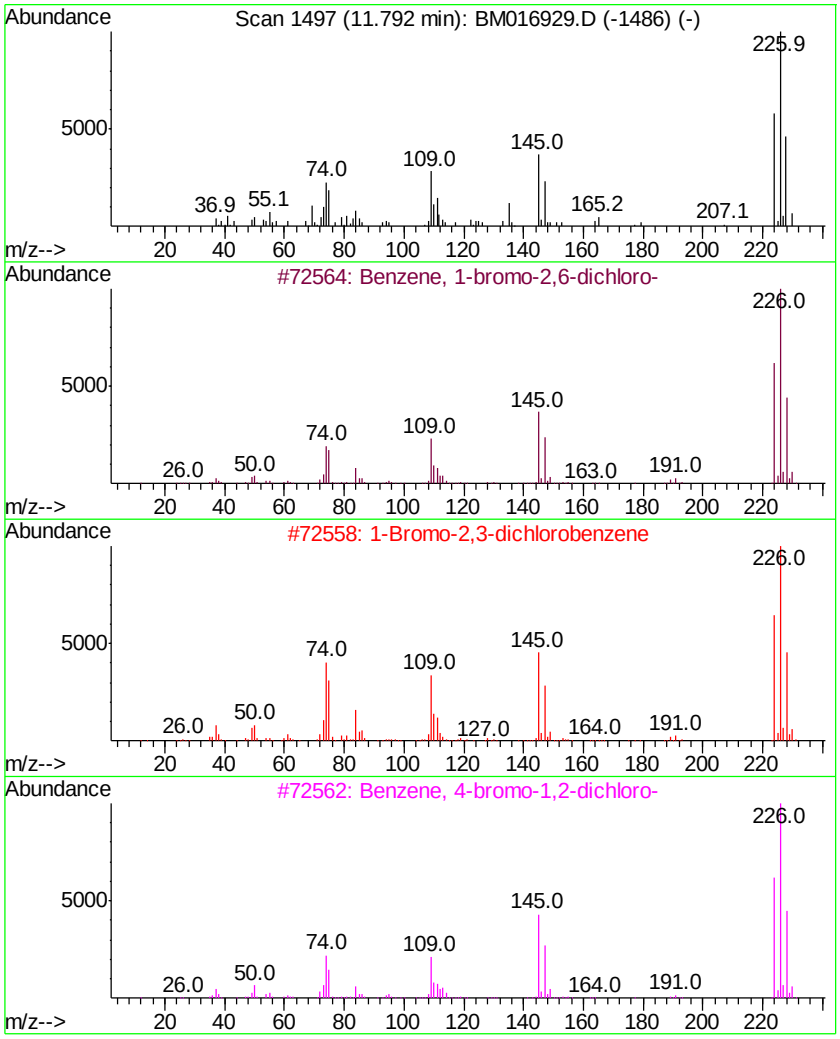
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

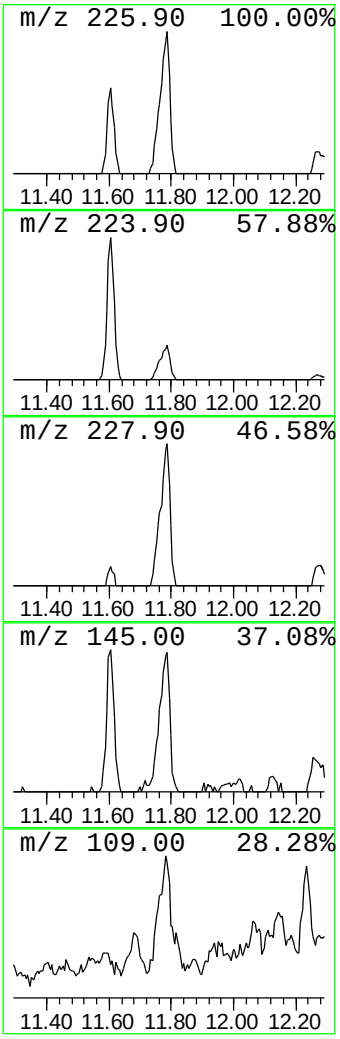
****

Peak Number 6 Benzene, 1-bromo-2,6-dichloro- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.06 ng/ul	287786	Naphthalene-d8	10.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	98
2	1-Bromo-2,3-dichlorobenzene	224	C6H3BrCl2	056961-77-4	96
3	Benzene, 4-bromo-1,2-dichloro-	224	C6H3BrCl2	018282-59-2	96
4	Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	93
5	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	93





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Sample : J5120-15
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

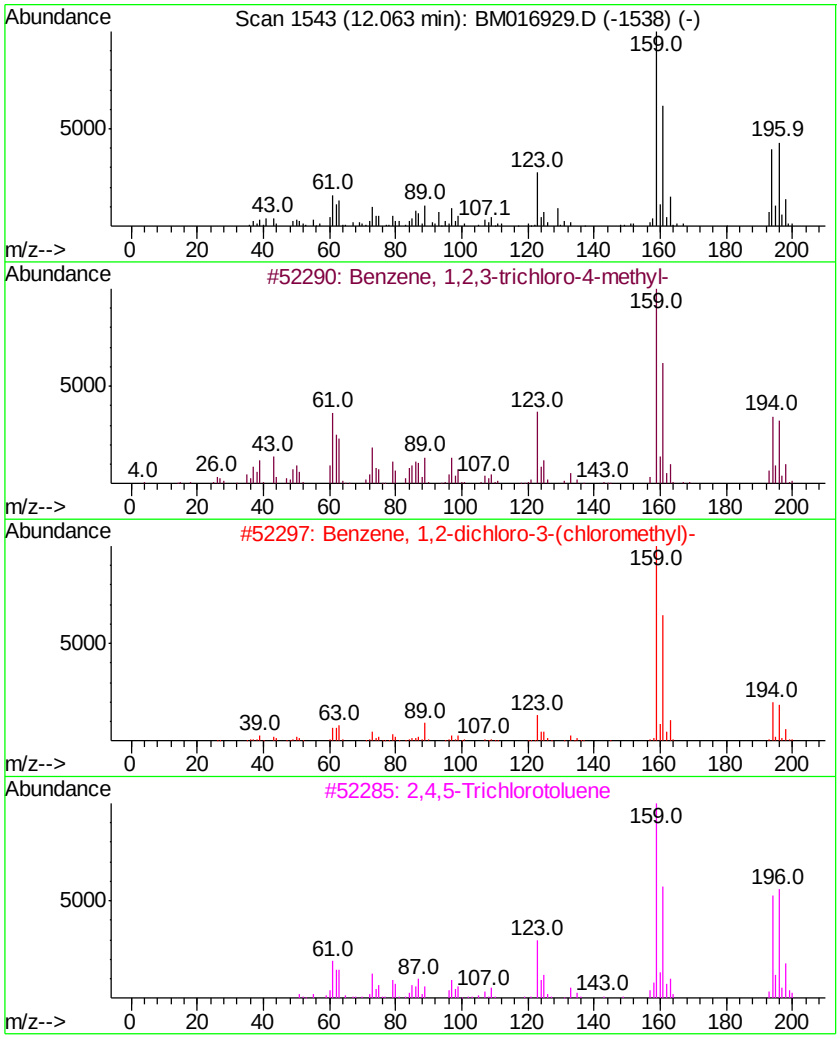
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

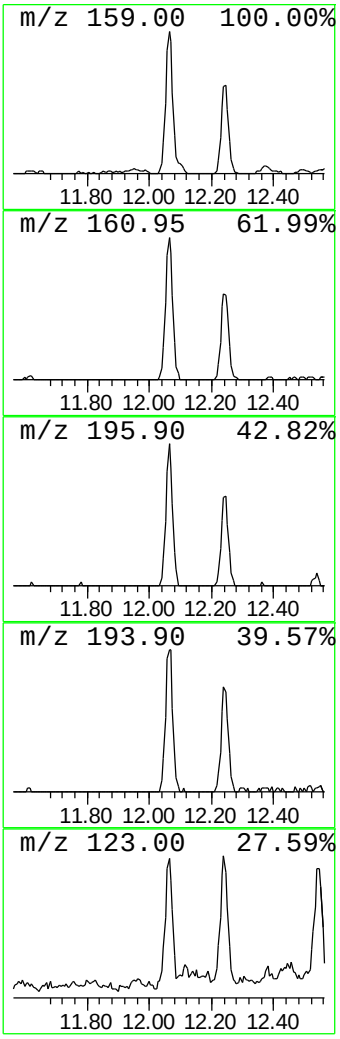
****

Peak Number 7 Benzene, 1,2,3-trichloro-4-... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.24 ng/ul	312891	Naphthalene-d8	10.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	98
2	Benzene, 1,2-dichloro-3-(chlorom...	194	C7H5Cl3	003290-01-5	90
3	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	89
4	Benzene, 1,3-dichloro-2-(chlorom...	194	C7H5Cl3	002014-83-7	89
5	Benzene, 1,2-dichloro-4-(chlorom...	194	C7H5Cl3	000102-47-6	81





Library Search Compound Report

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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
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Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

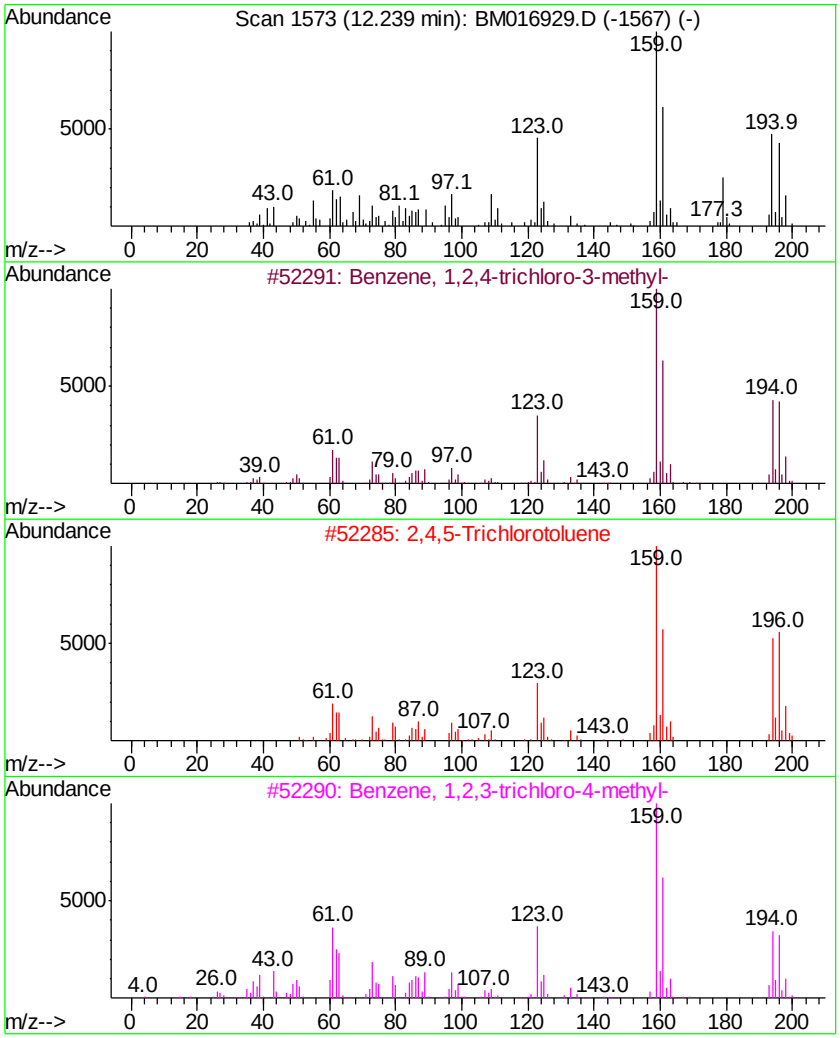
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

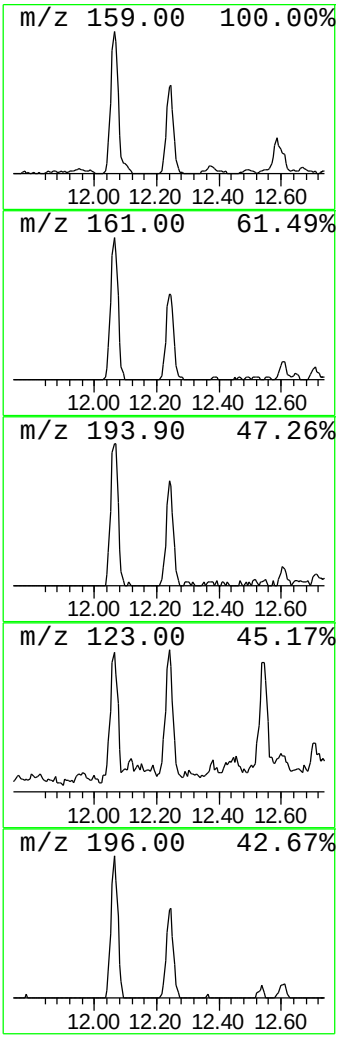
****

Peak Number 8 Benzene, 1,2,4-trichloro-3-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	2.31 ng/ul	322161	Naphthalene-d8	10.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	99
2	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	96
3	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	93
4	Benzene, 1,2-dichloro-4-(chlorom...	194	C7H5Cl3	000102-47-6	81
5	Benzene, 1,3-dichloro-2-(chlorom...	194	C7H5Cl3	002014-83-7	58





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Misc :
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Instrument : BNA_M
ClientSampleId : C0BB2

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

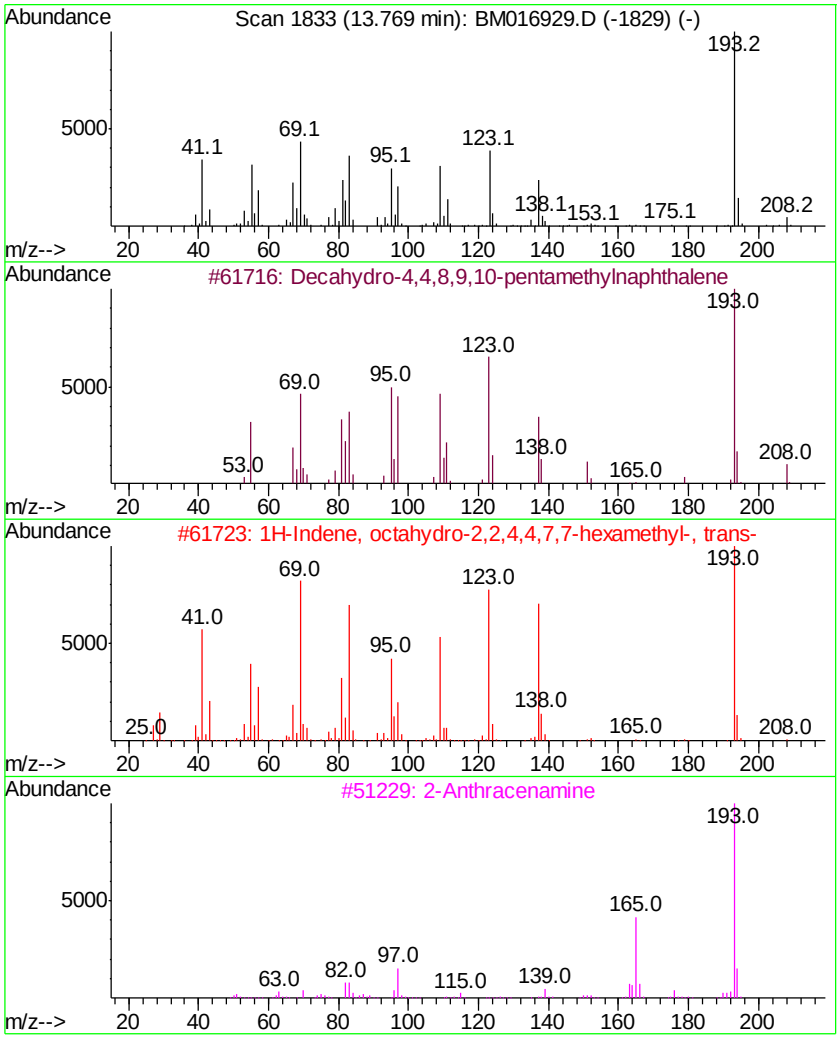
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

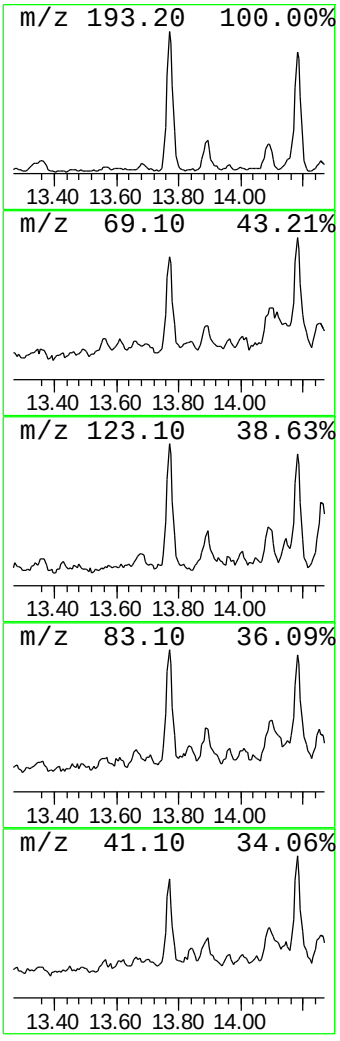
****

Peak Number 9 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.77 ng/ul	714579	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
3	2-Anthracenamine	193	C14H11N	000613-13-8	38
4	2-Anthracenamine	193	C14H11N	000613-13-8	35
5	Iminostilbene	193	C14H11N	000256-96-2	27





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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

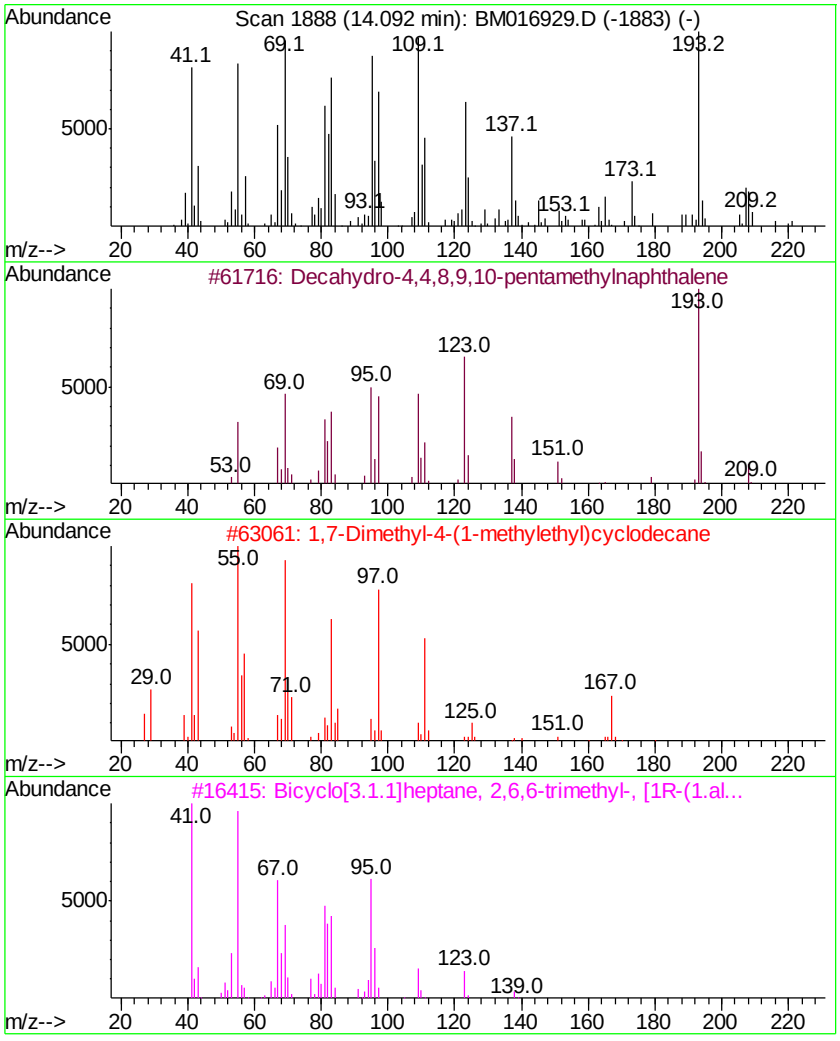
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

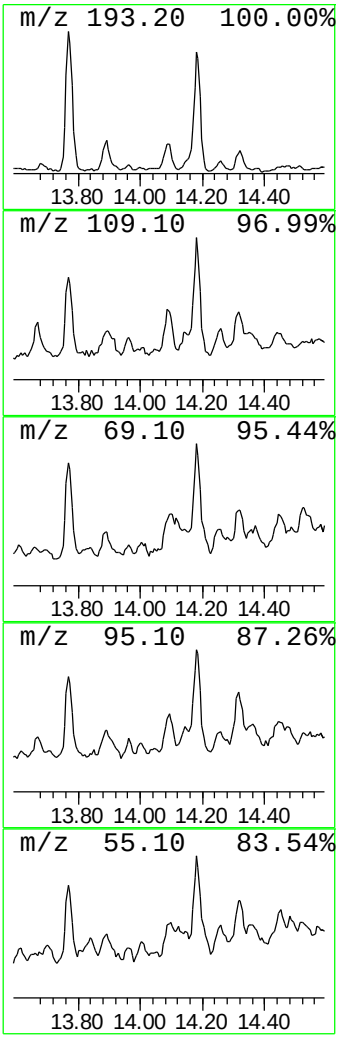
****

Peak Number 10 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.62 ng/ul	496818	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	35
2	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	35
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25
4	Bicyclo[3.3.1]nonan-9-one, 2,4-d...	211	C11H17NO3	129967-64-2	22
5	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	22





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Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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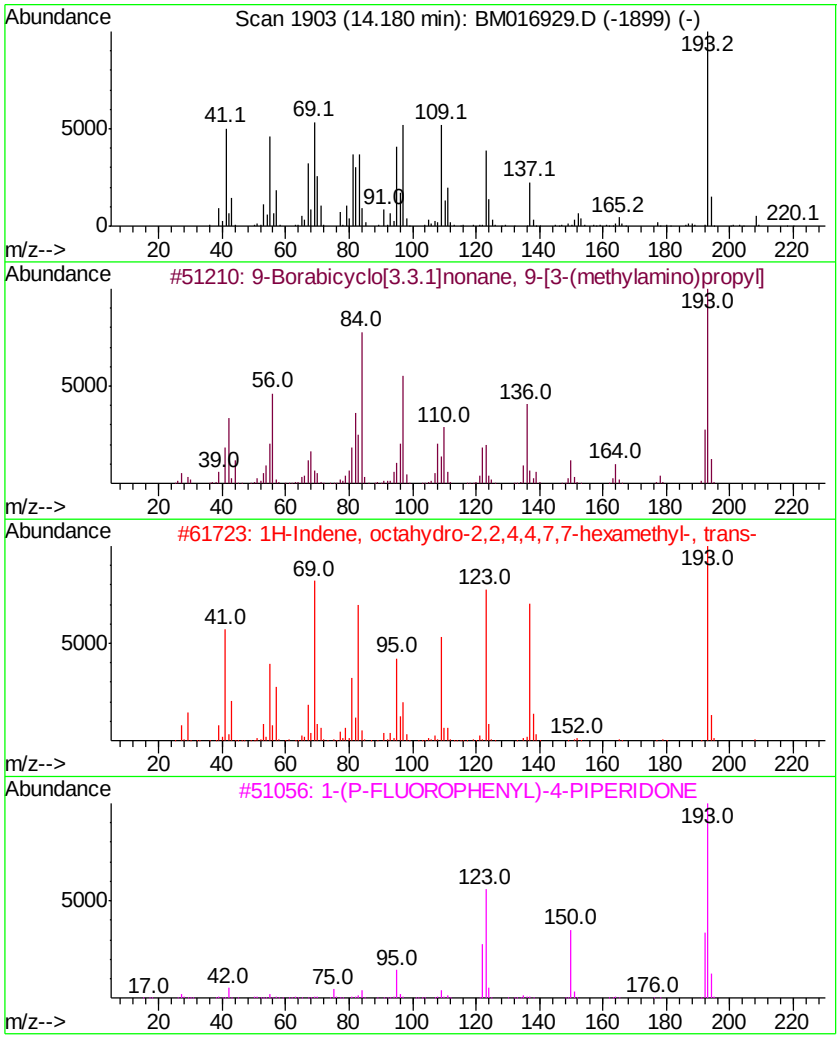
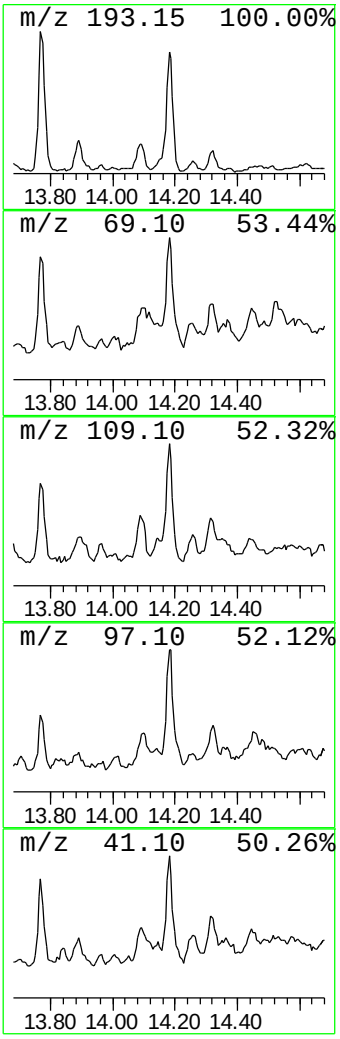
Peak Number 11 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	5.56 ng/ul	1053910	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	38
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
3	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	35
4	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	27
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	14





Library Search Compound Report

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Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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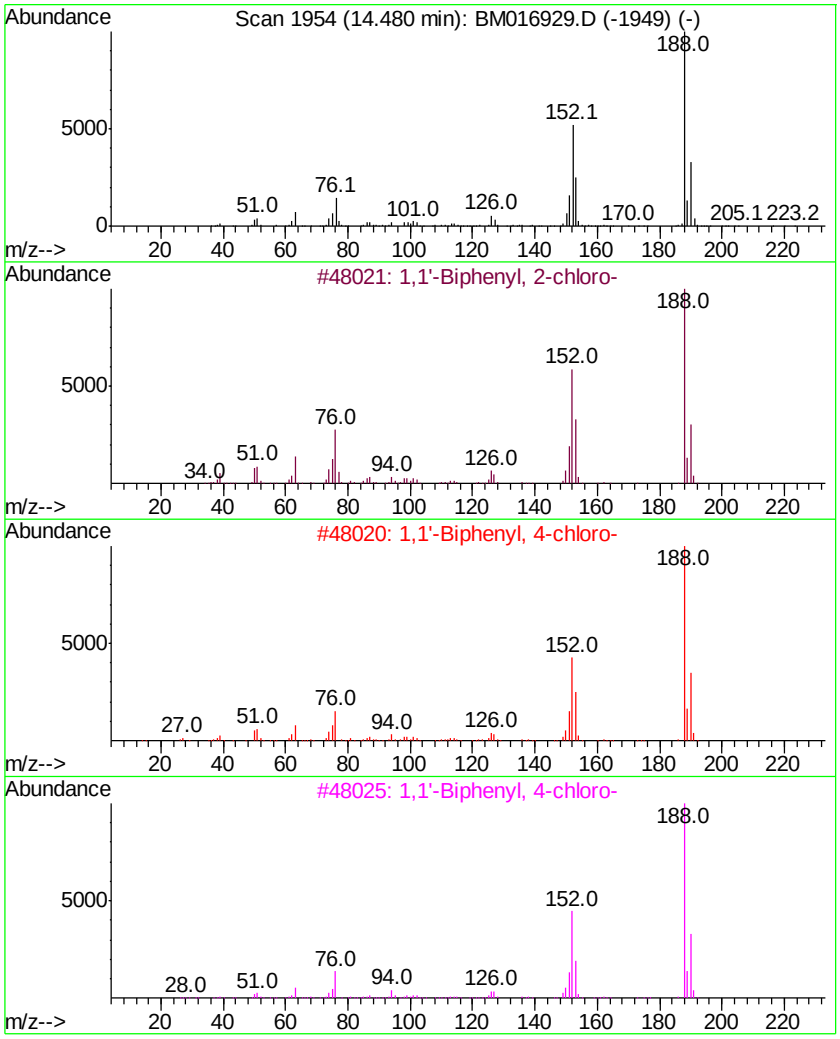
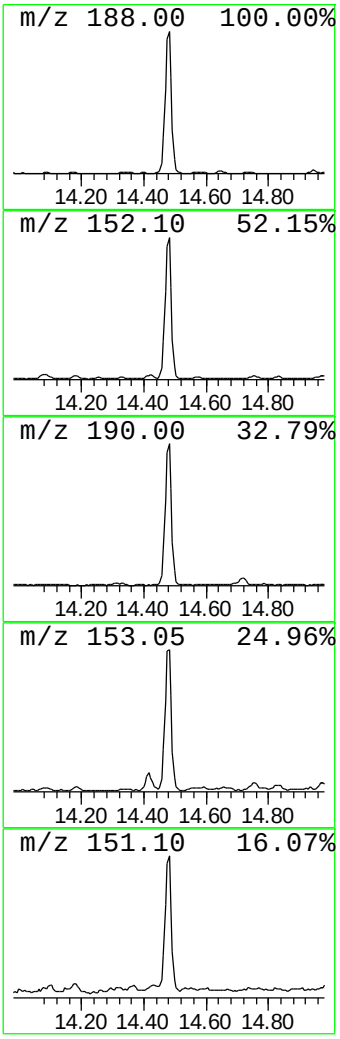
Peak Number 12 1,1'-Biphenyl, 2-chloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	8.72 ng/ul	1652340	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
4	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	94





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Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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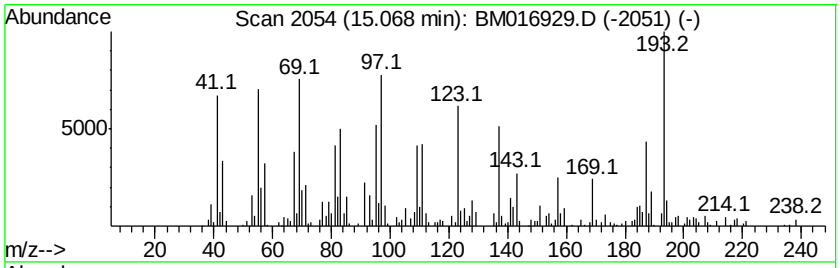
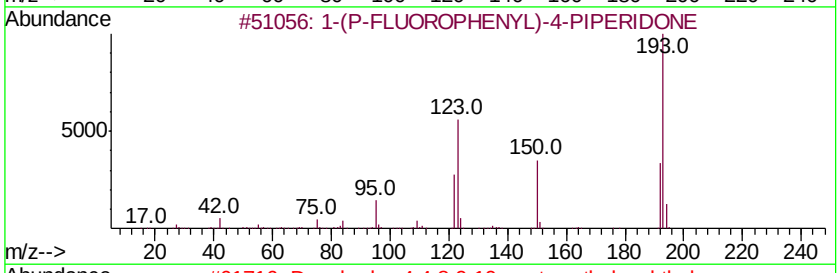
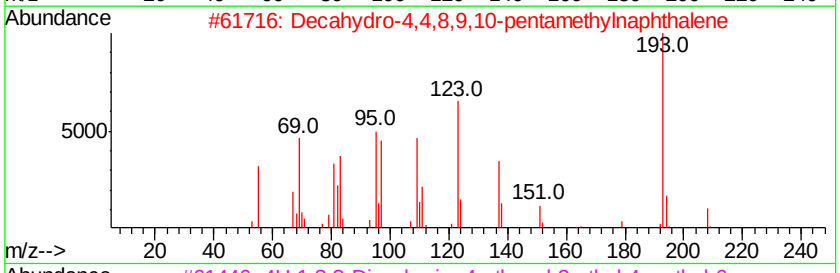
Peak Number 13 unknown-04 Concentration Rank 42

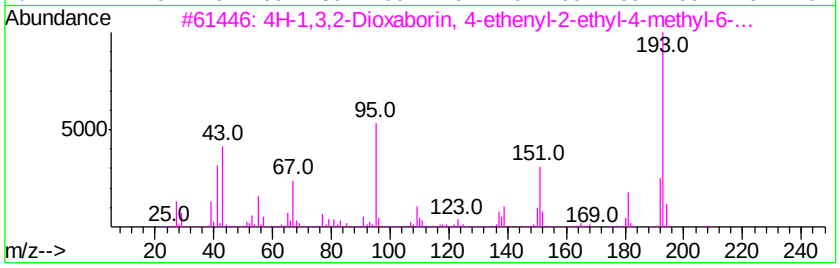
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.31 ng/ul	437976	Acenaphthene-d10	14.35

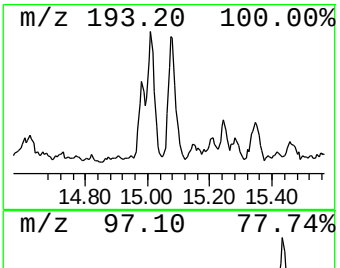
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	30
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	22
3	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	18
4	1-Dimethyl(phenyl)silyloxybutane	208	C12H20OSi	018052-58-9	14
5	2-Anthracenamine	193	C14H11N	000613-13-8	14

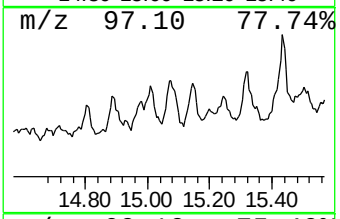


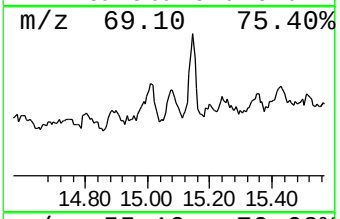


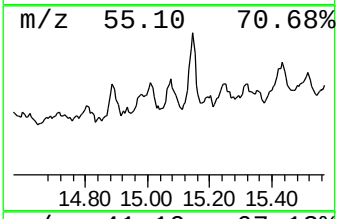


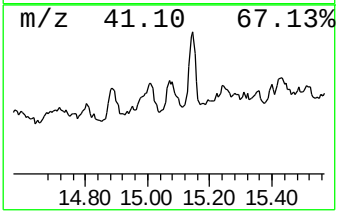












Library Search Compound Report

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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

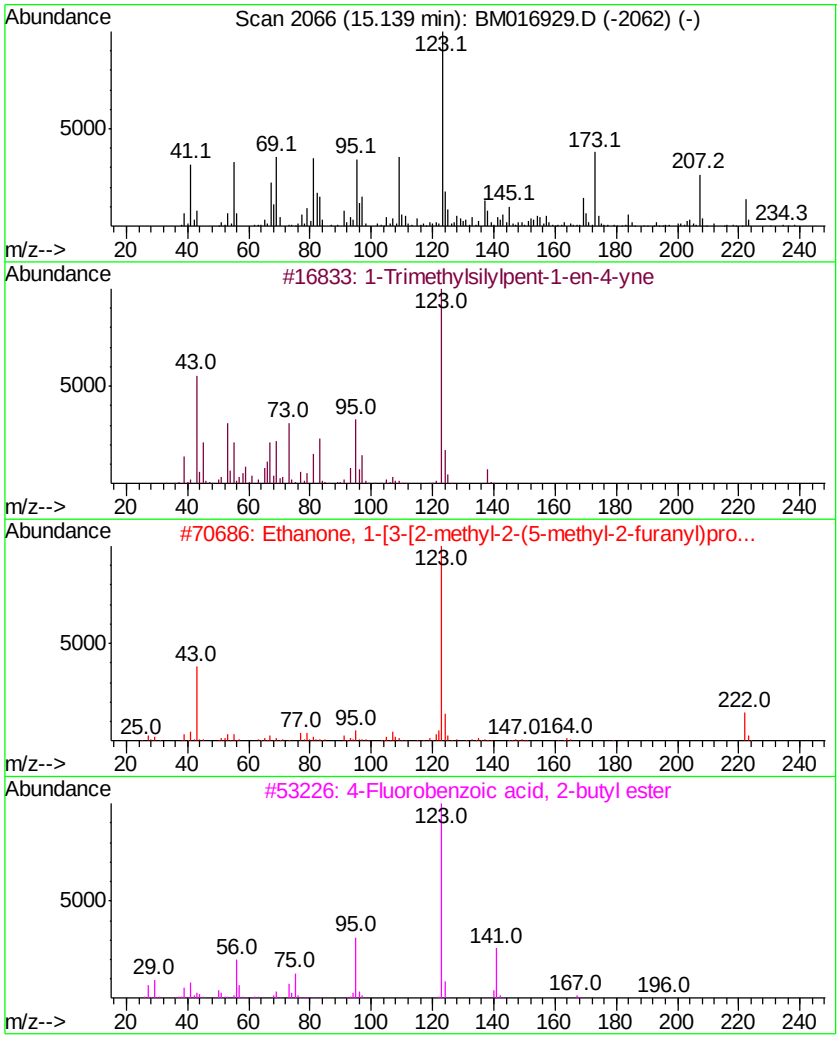
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

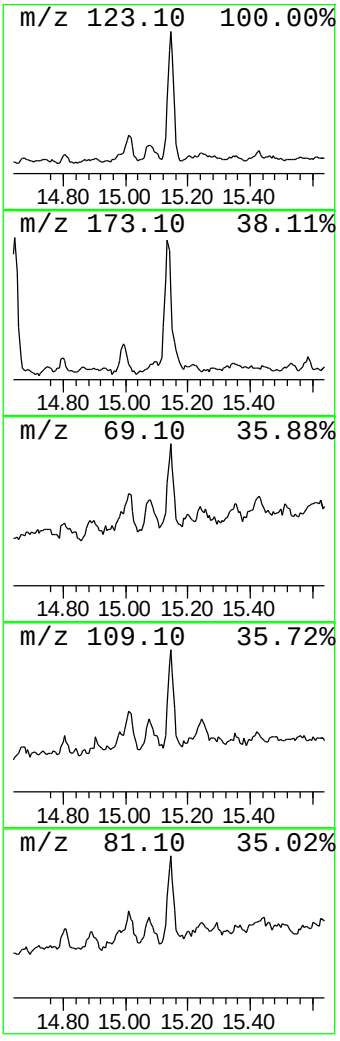
****

Peak Number 14 unknown-05 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	5.20 ng/ul	984977	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	49
2	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43
3	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	38
4	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38
5	1-(1-Ethyl-2,3-dimethyl-cyclopen...	166	C11H18O	1000185-18-6	38





Library Search Compound Report

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Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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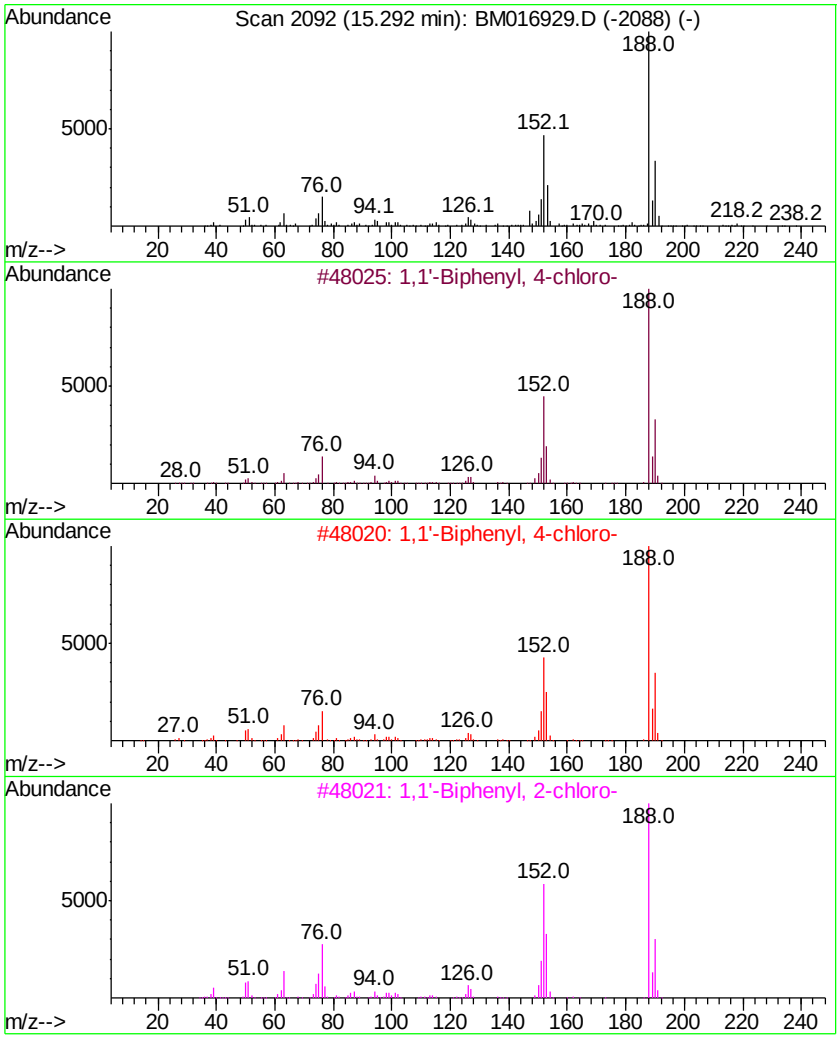
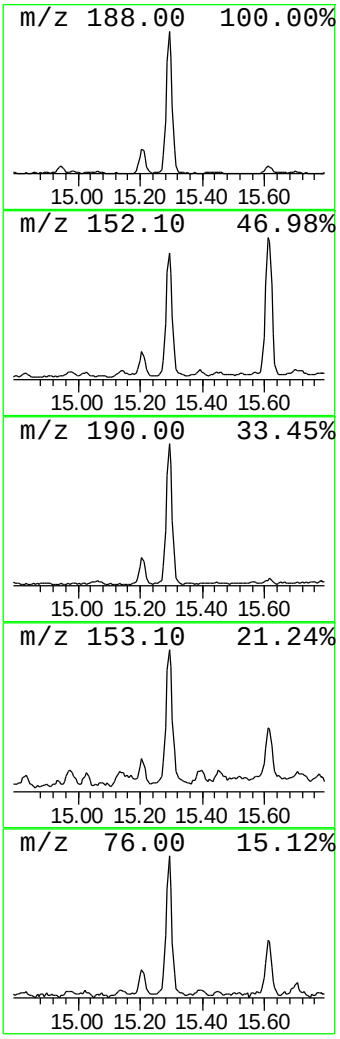
Peak Number 15 1,1'-Biphenyl, 4-chloro- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	4.05 ng/ul	768318	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
3	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
4	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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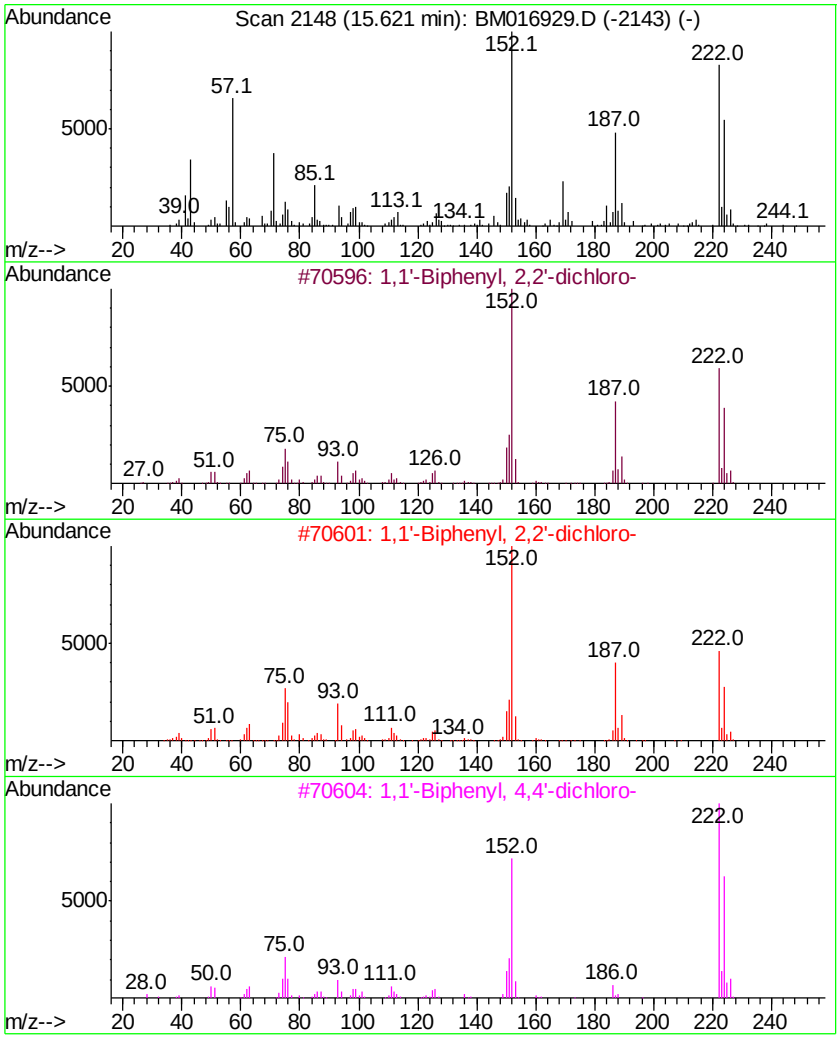
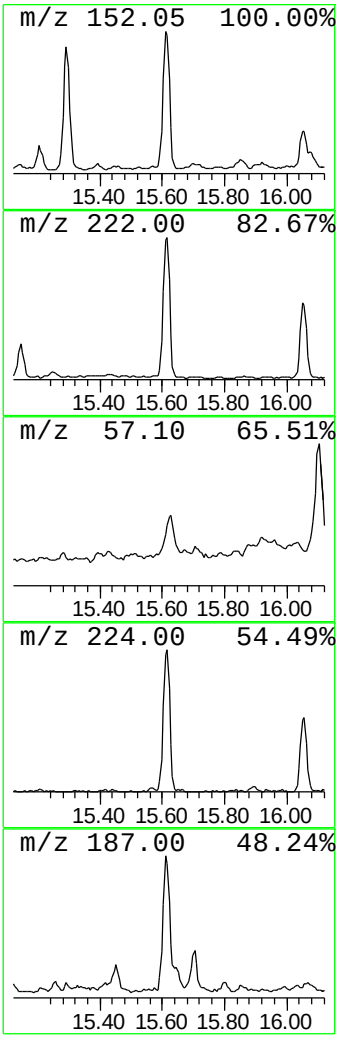
Peak Number 16 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	4.82 ng/ul	913098	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	94
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	93





Library Search Compound Report

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Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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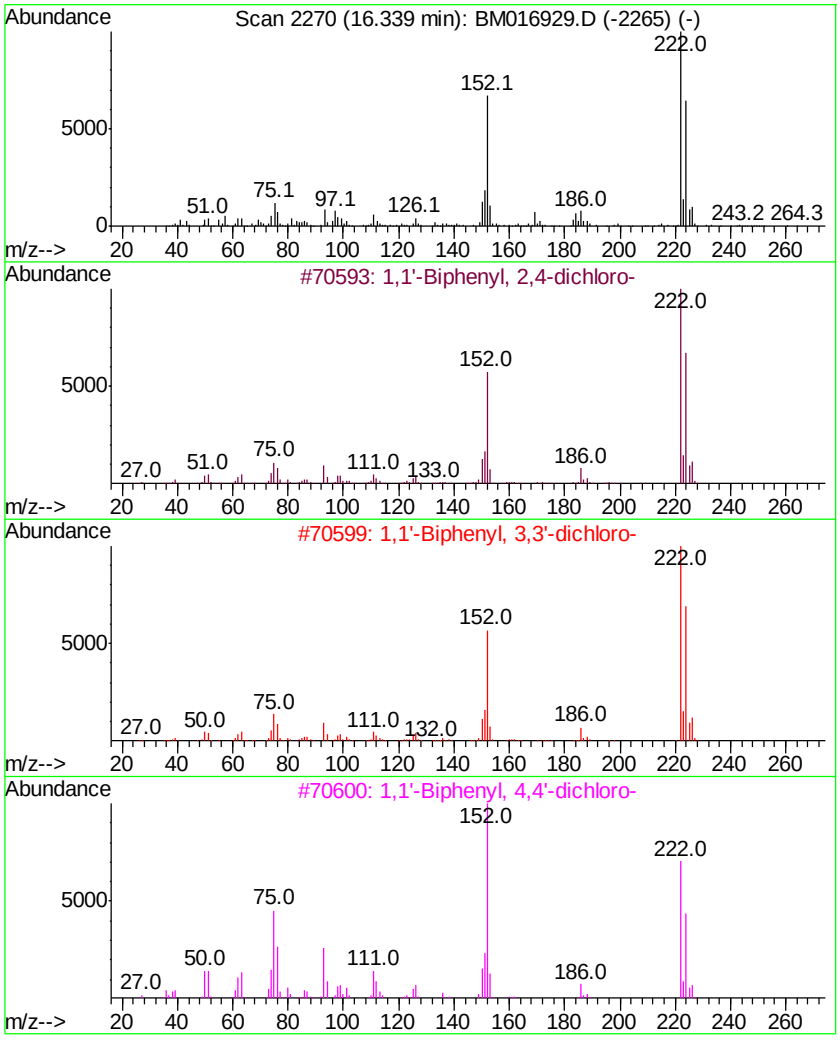
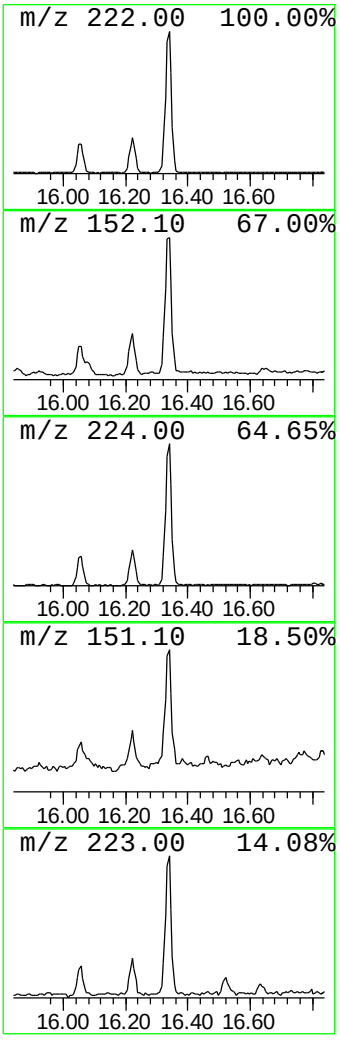
Peak Number 17 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	7.40 ng/ul	1148300	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	95
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95





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Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

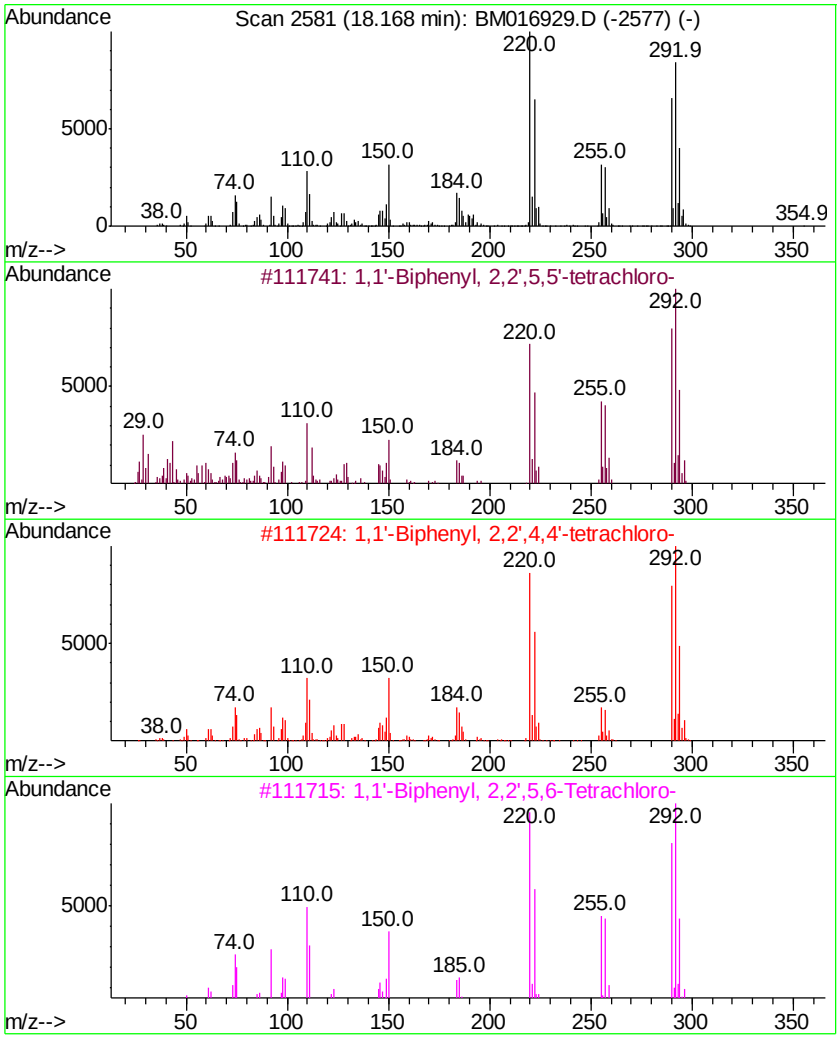
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

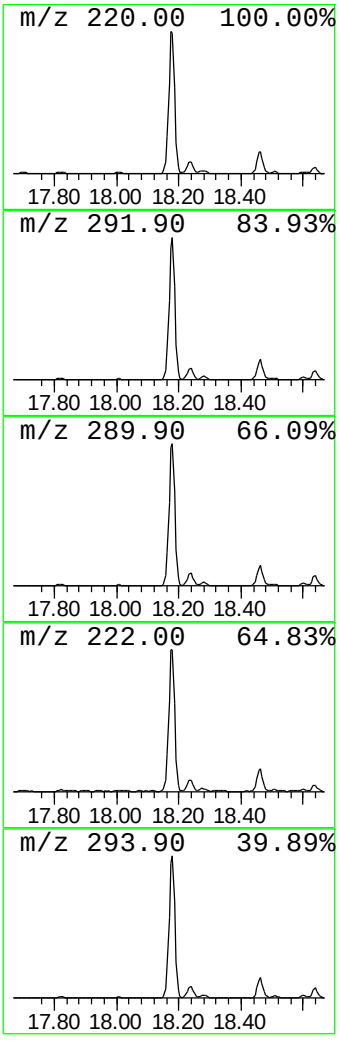
****

Peak Number 18 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	45.55 ng/ul	7068740	Phenanthrene-d10	17.10

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, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





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Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

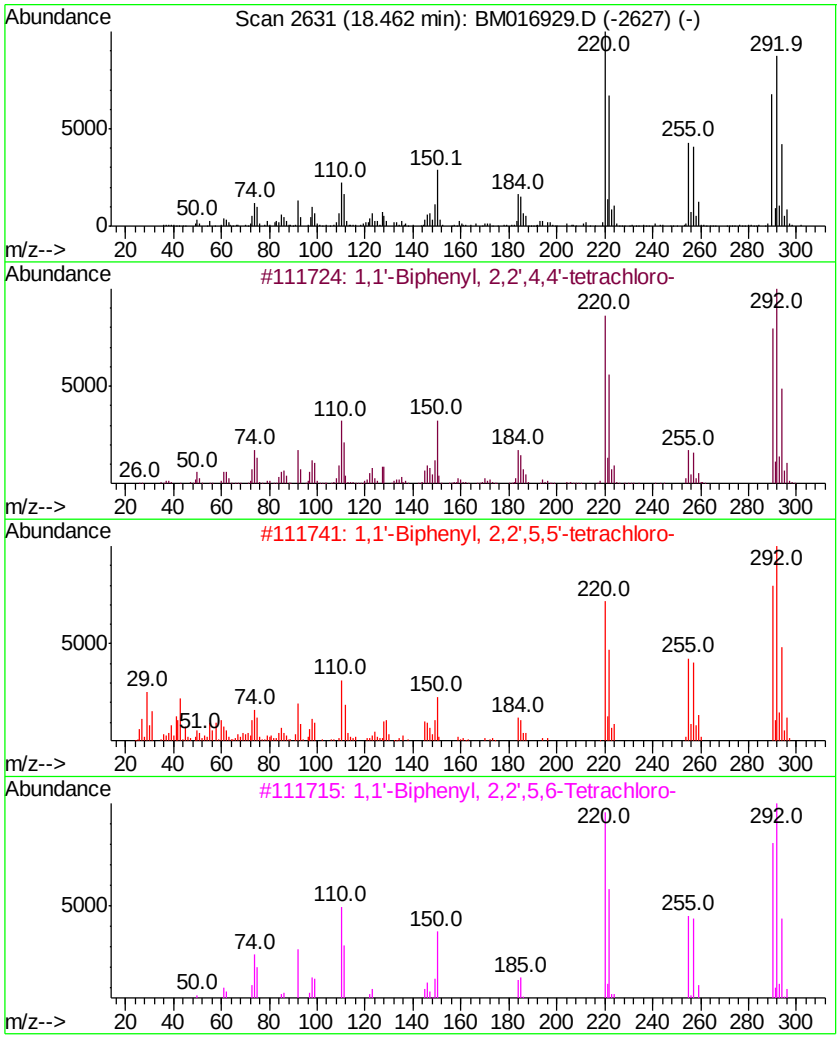
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

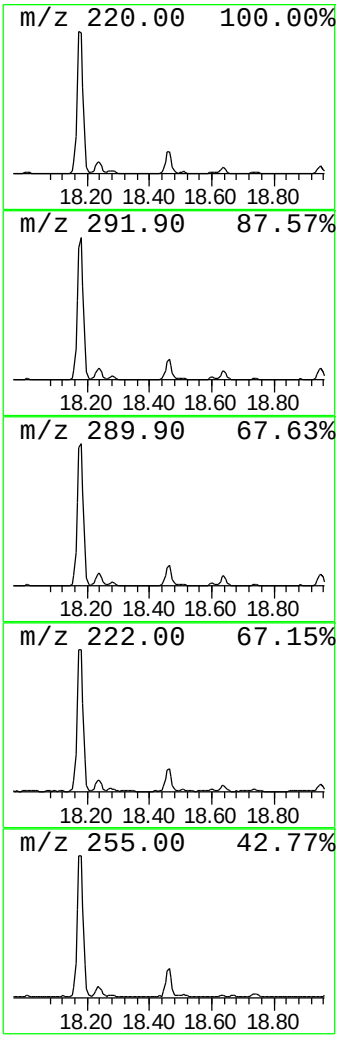
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	6.54 ng/ul	1015490	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

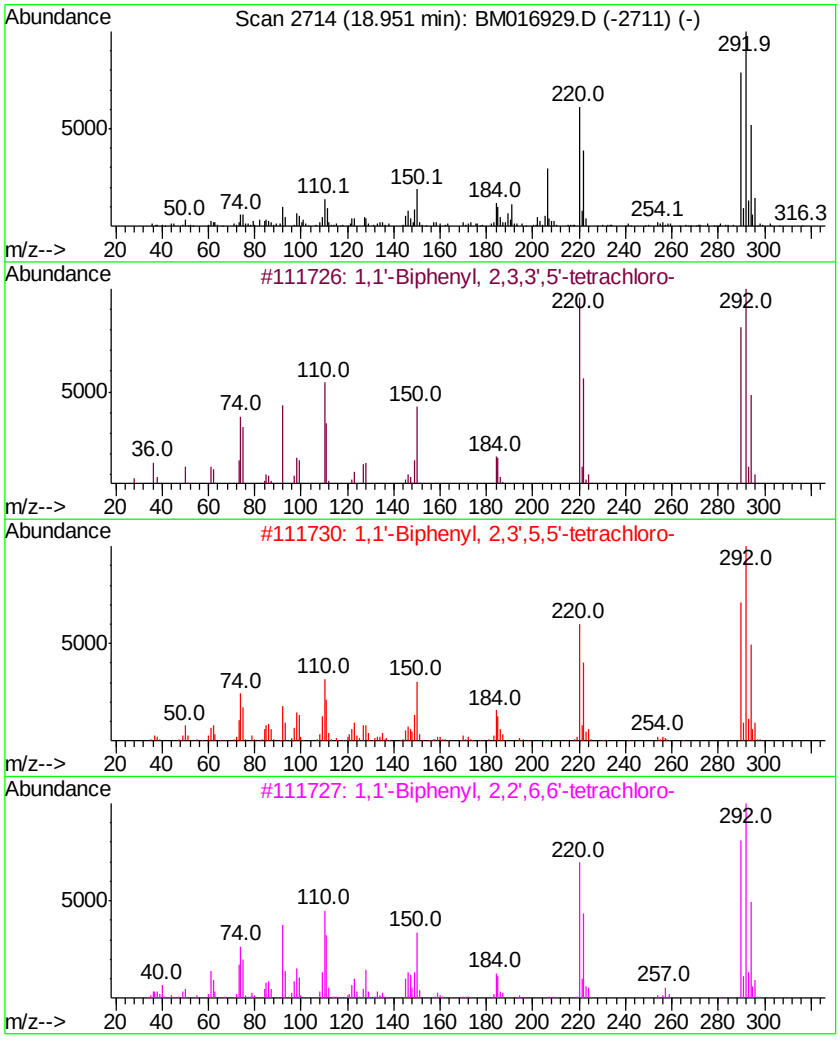
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

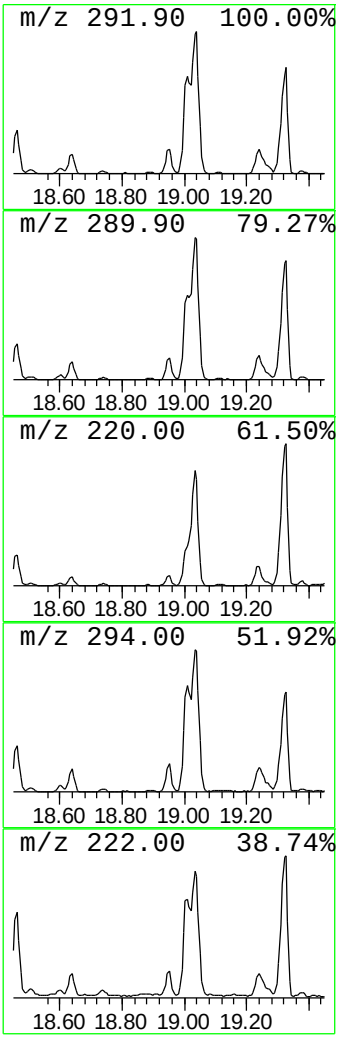
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.05 ng/ul	317495	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

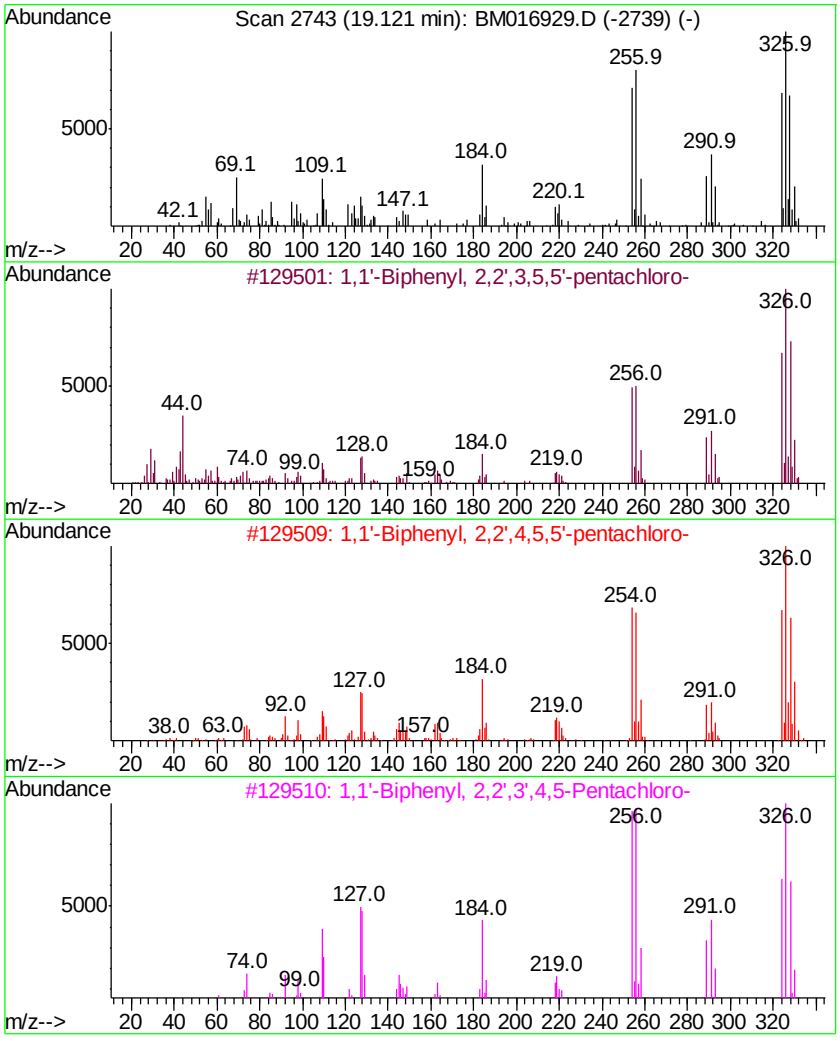
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

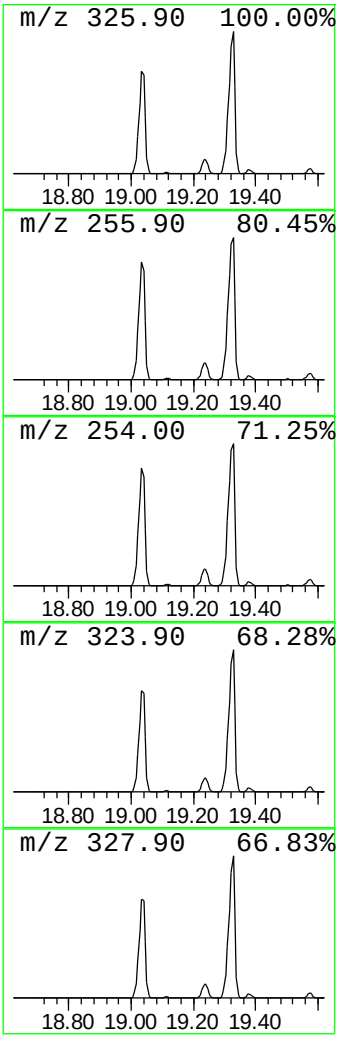
****

Peak Number 22 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	3.09 ng/ul	479397	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95





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Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

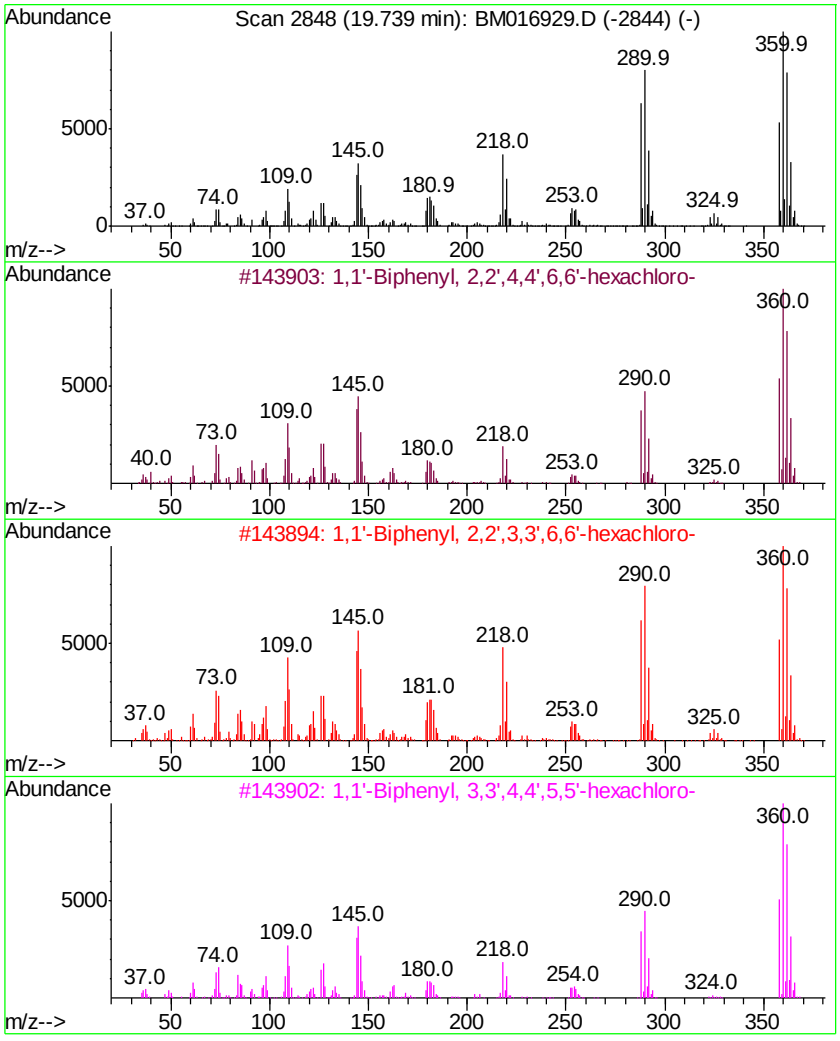
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

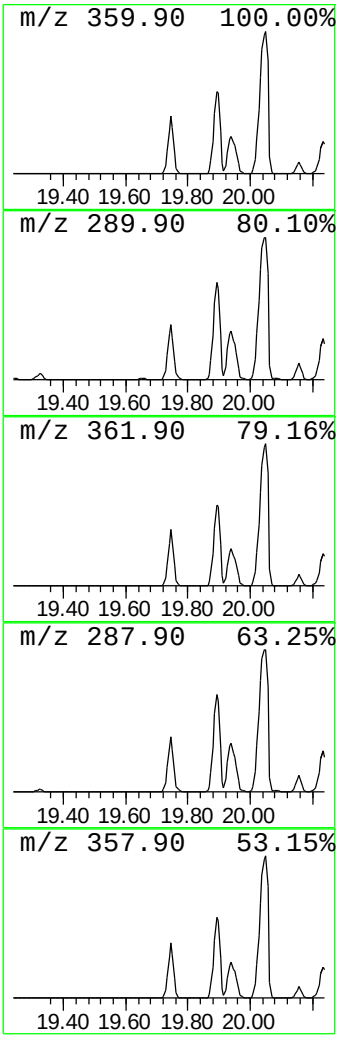
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	5.39 ng/ul	38200000	Chrysene-d12	21.31

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





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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

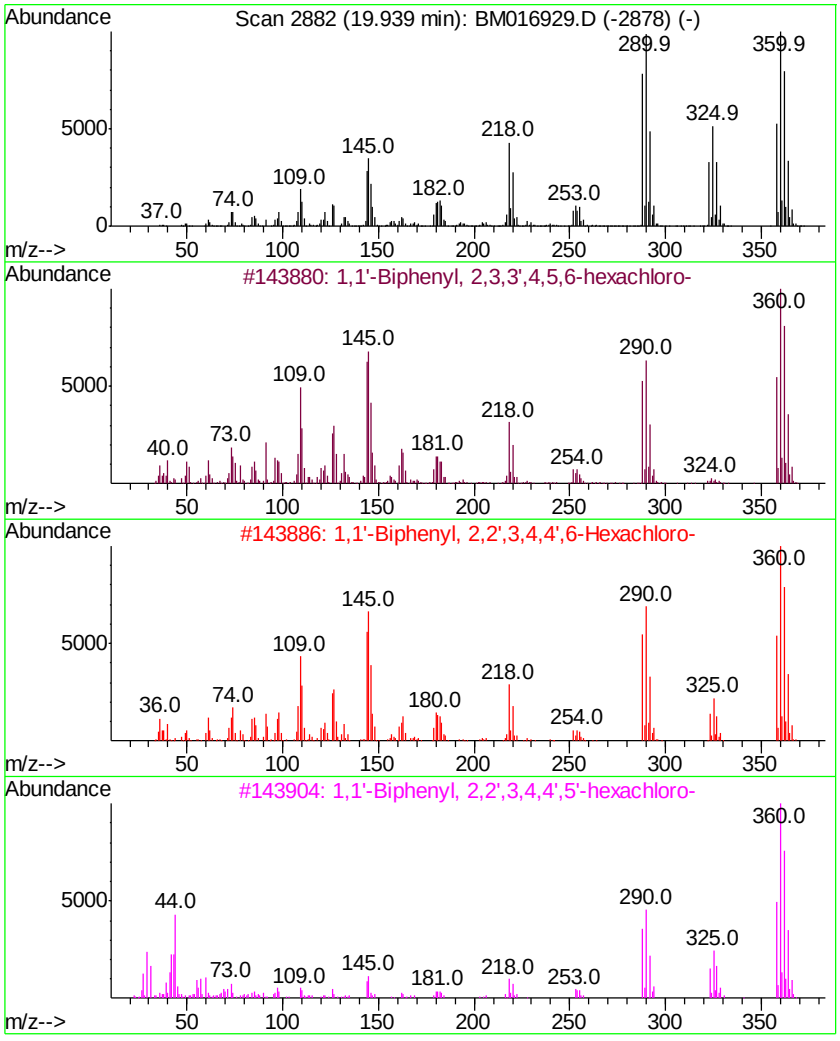
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

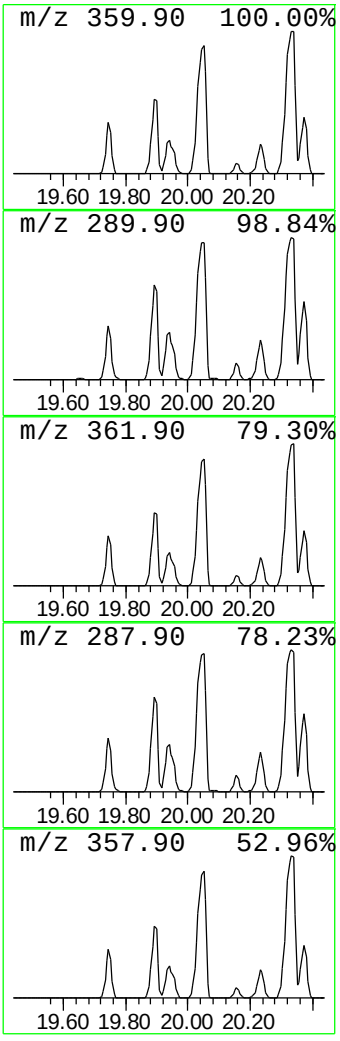
****

Peak Number 26 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	5.70 ng/ul	40436400	Chrysene-d12	21.31

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',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99





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Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

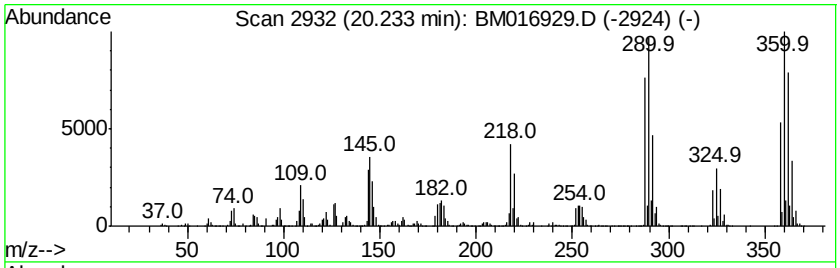
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

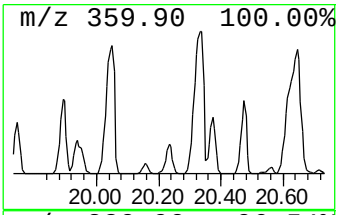
****

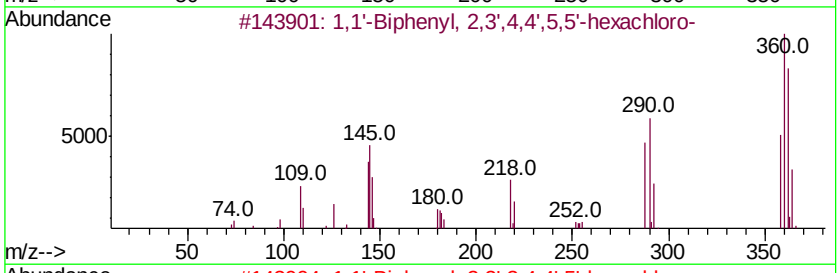
Peak Number 28 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 36

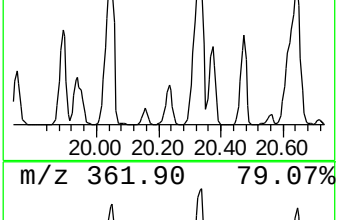
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	3.73 ng/ul	26432200	Chrysene-d12	21.31

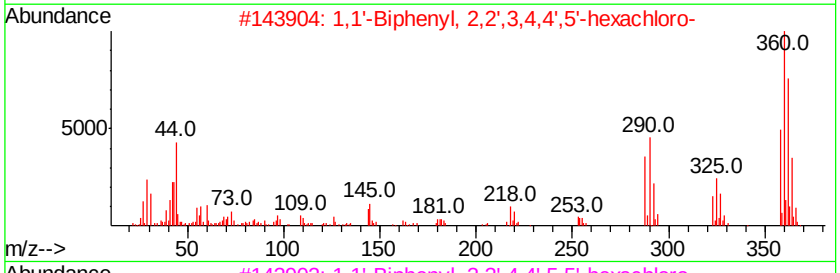
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99

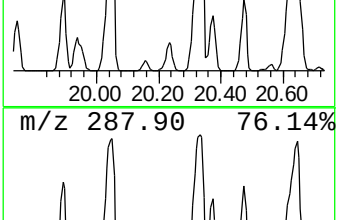


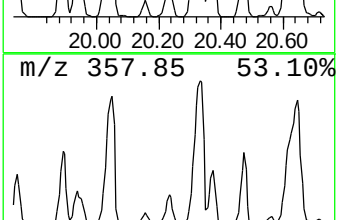


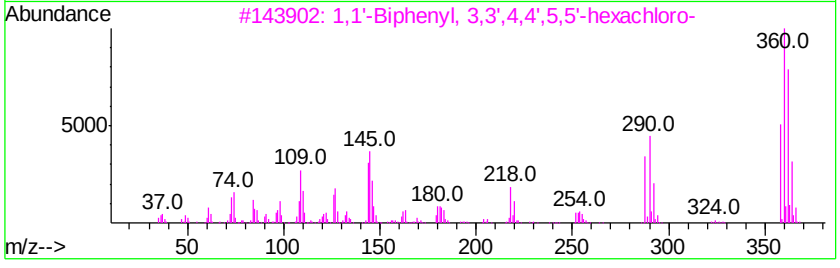












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

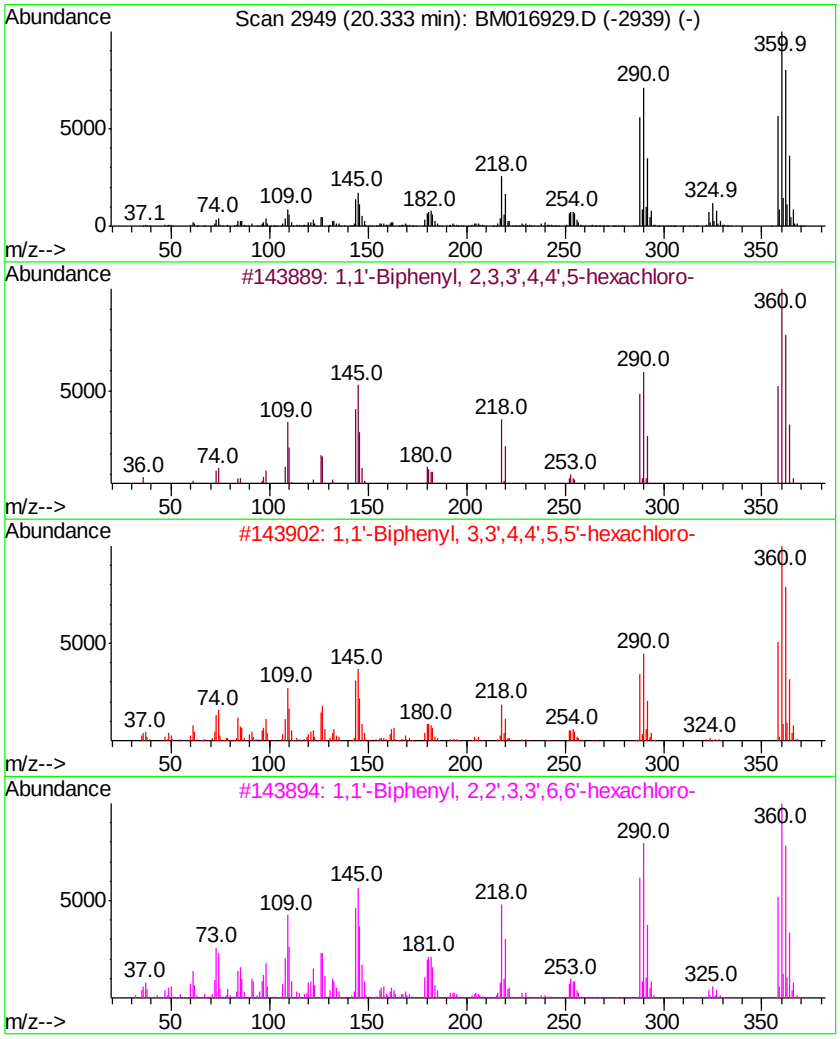
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

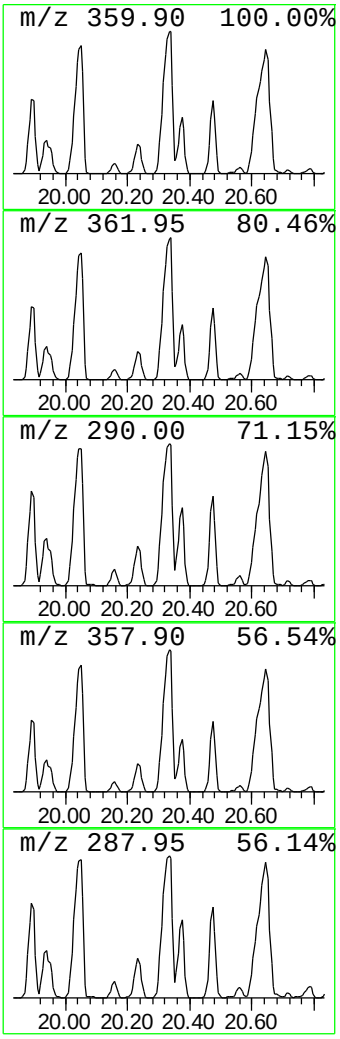
****

Peak Number 29 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	18.96 ng/ul	134398000	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	96
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

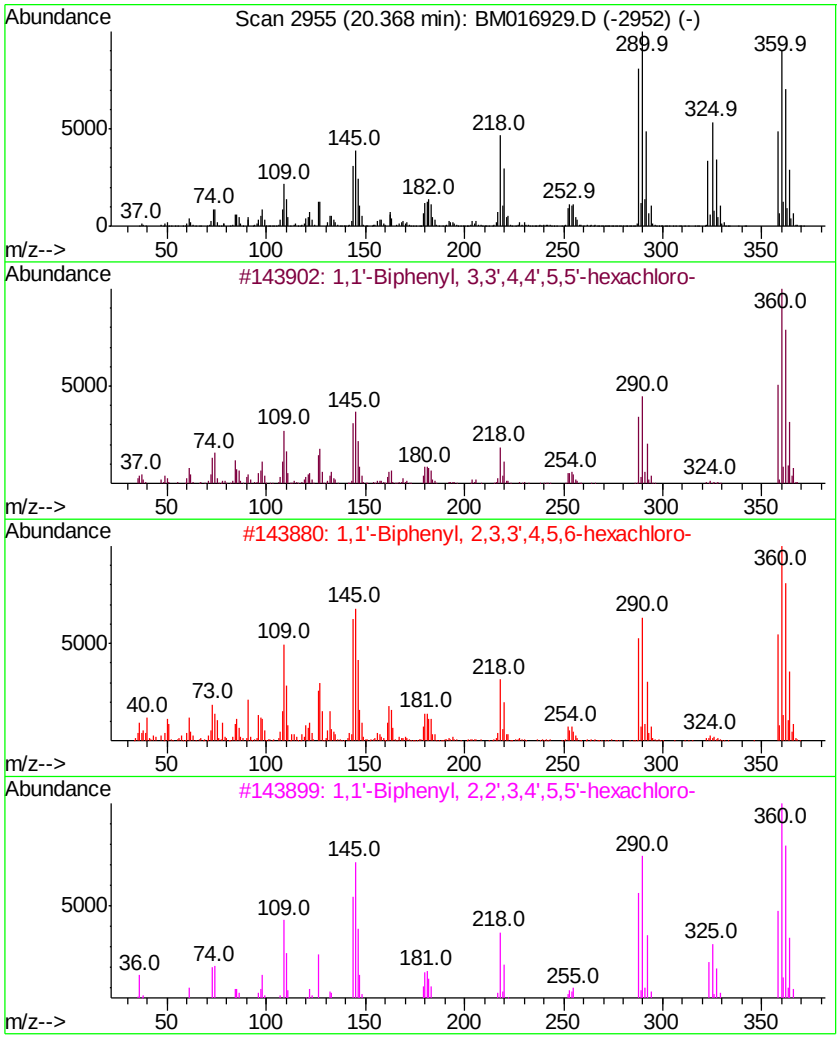
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

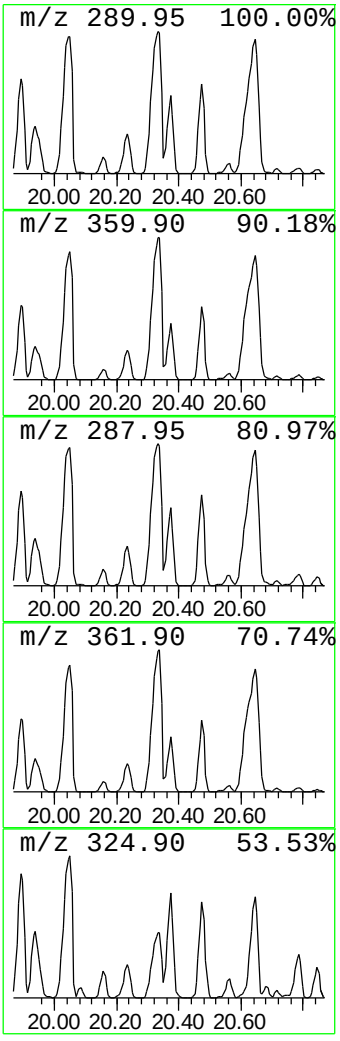
****

Peak Number 30 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	7.08 ng/ul	50183900	Chrysene-d12	21.31

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',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',5,5'-He...	358	C12H4Cl6	035694-04-3	99





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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

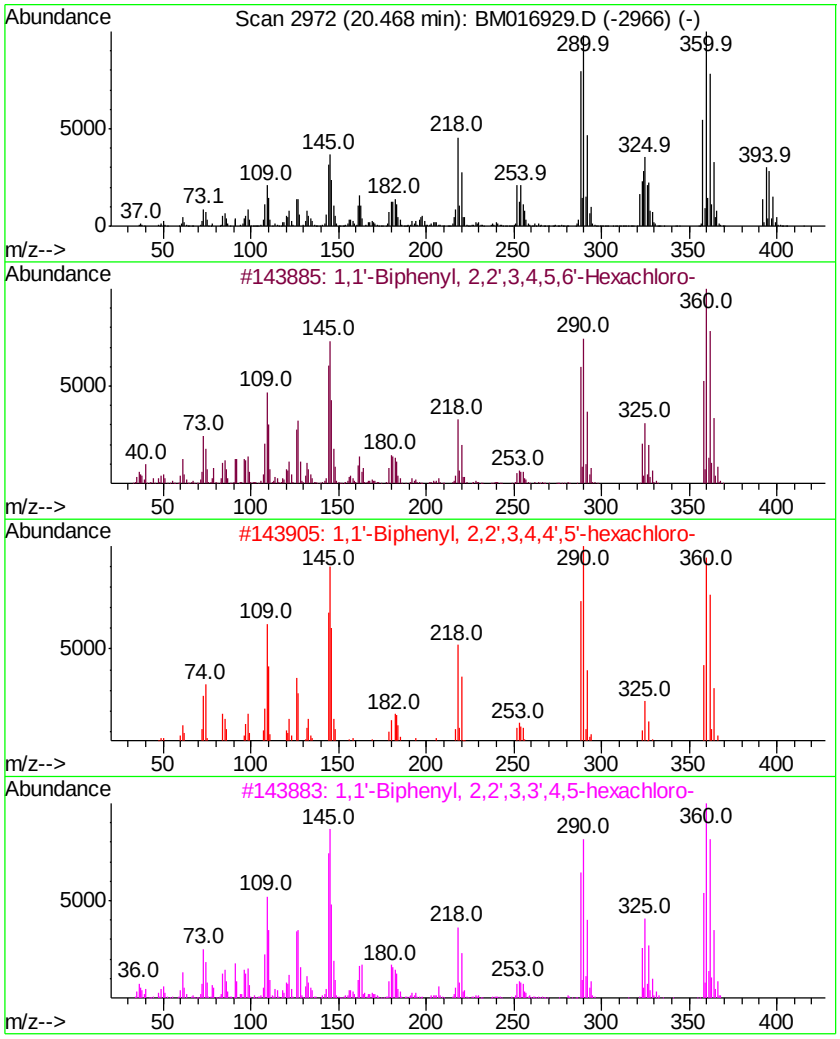
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

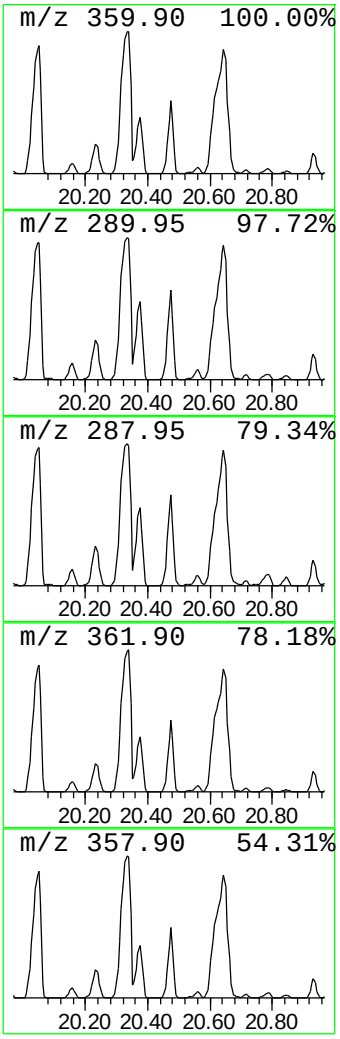
****

Peak Number 31 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	11.94 ng/ul	84650300	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

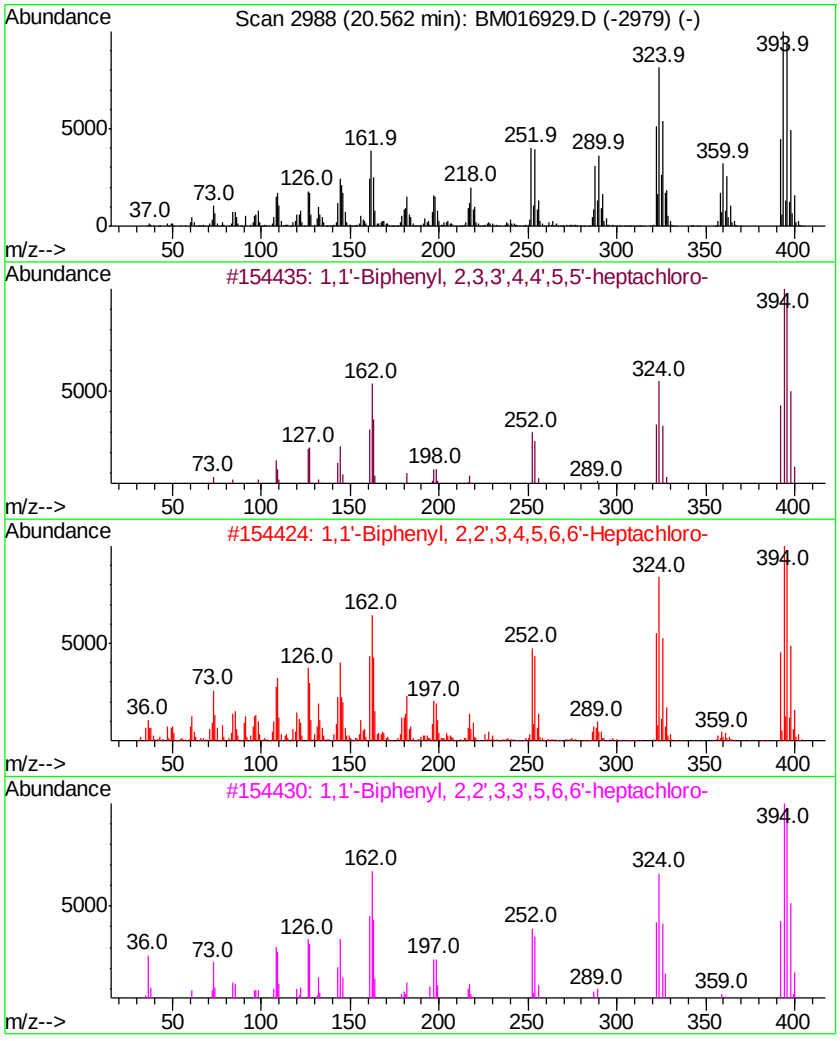
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

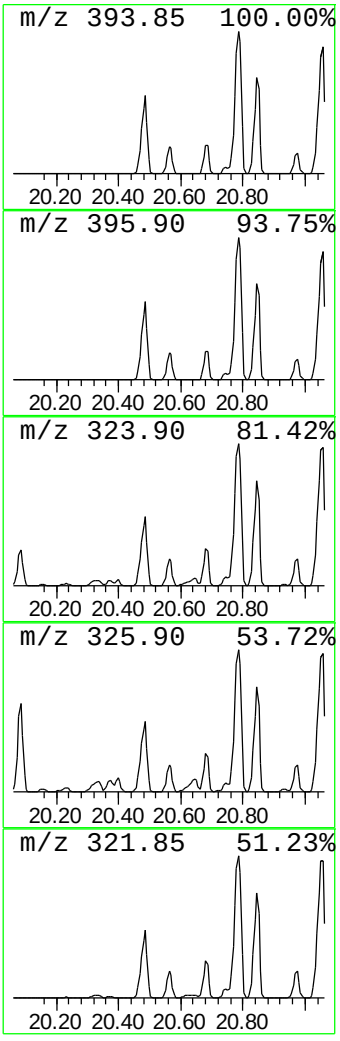
****

Peak Number 32 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	2.72 ng/ul	19272100	Chrysene-d12	21.31

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',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
3	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99
4	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99





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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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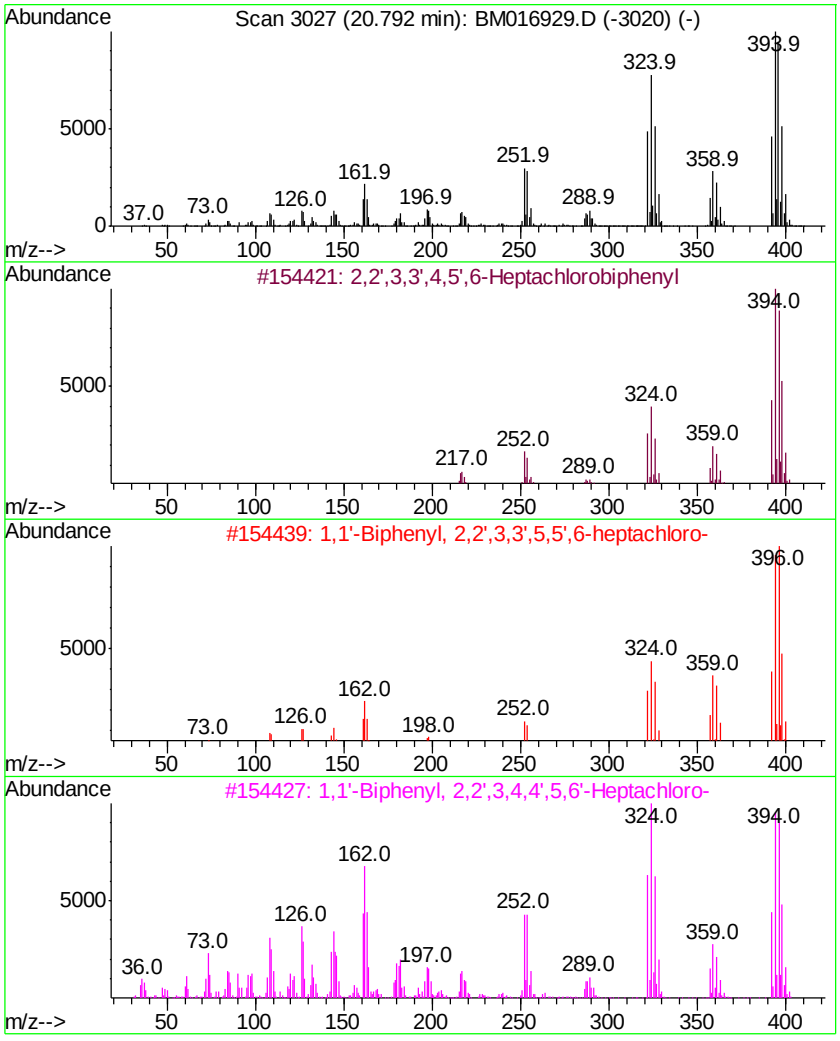
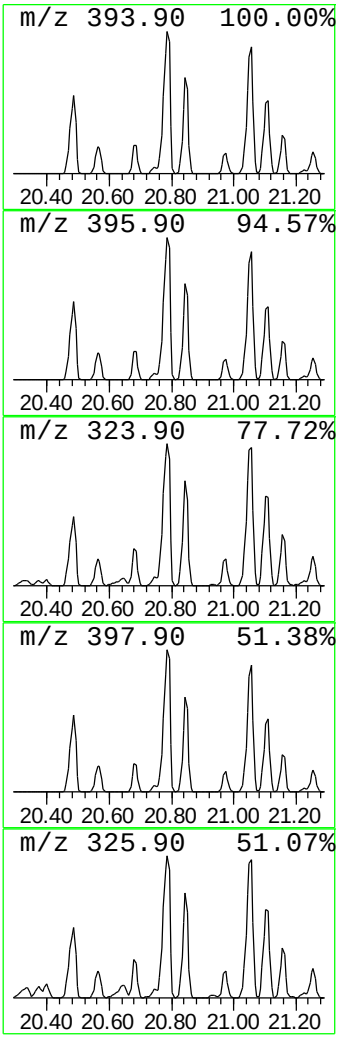
Peak Number 35 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	12.44 ng/ul	88158300	Chrysene-d12	21.31

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',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99





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Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

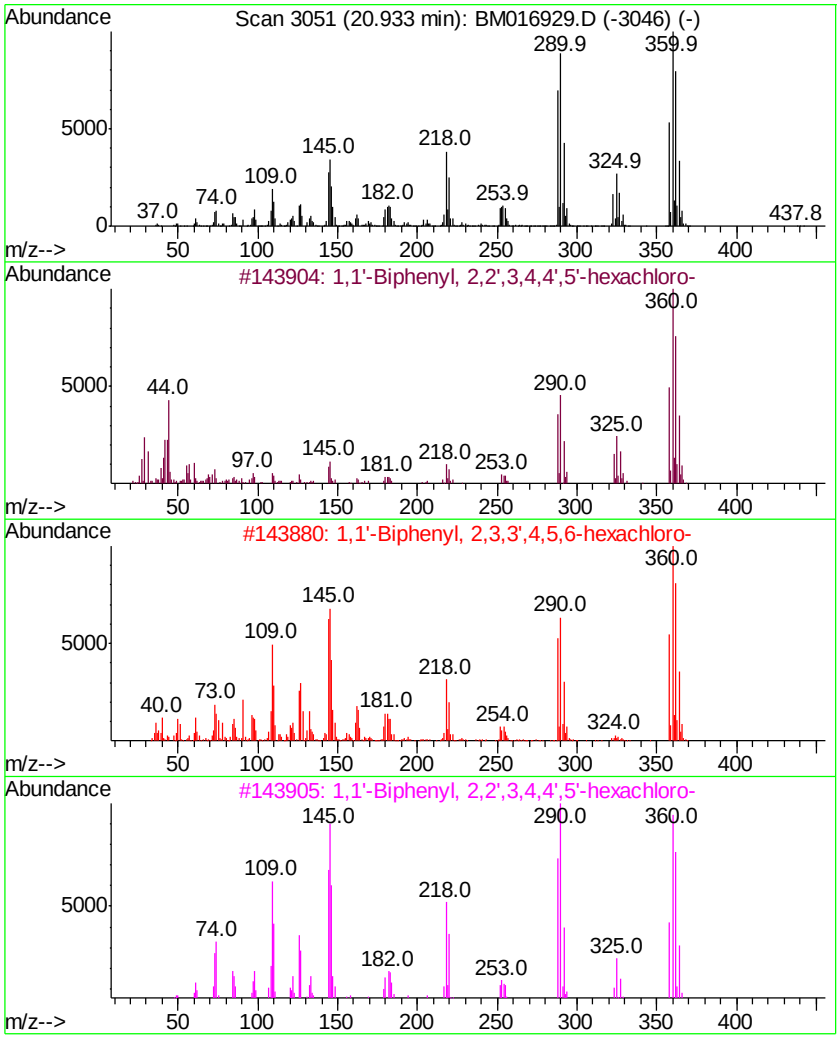
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

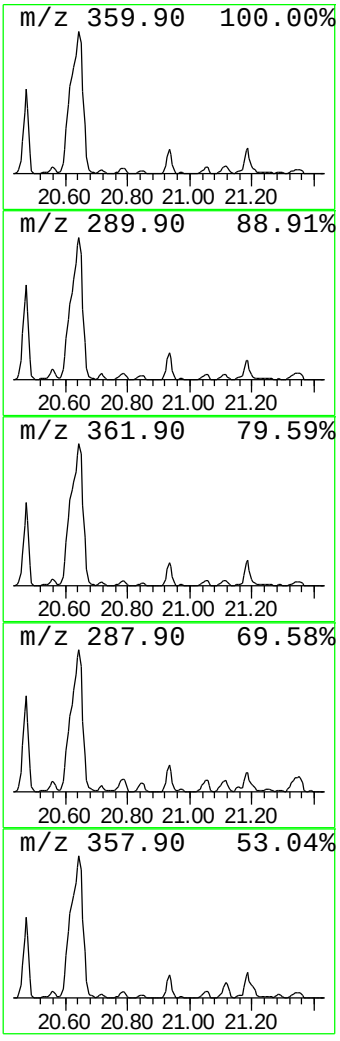
****

Peak Number 37 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.03 ng/ul	14395500	Chrysene-d12	21.31

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',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





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Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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

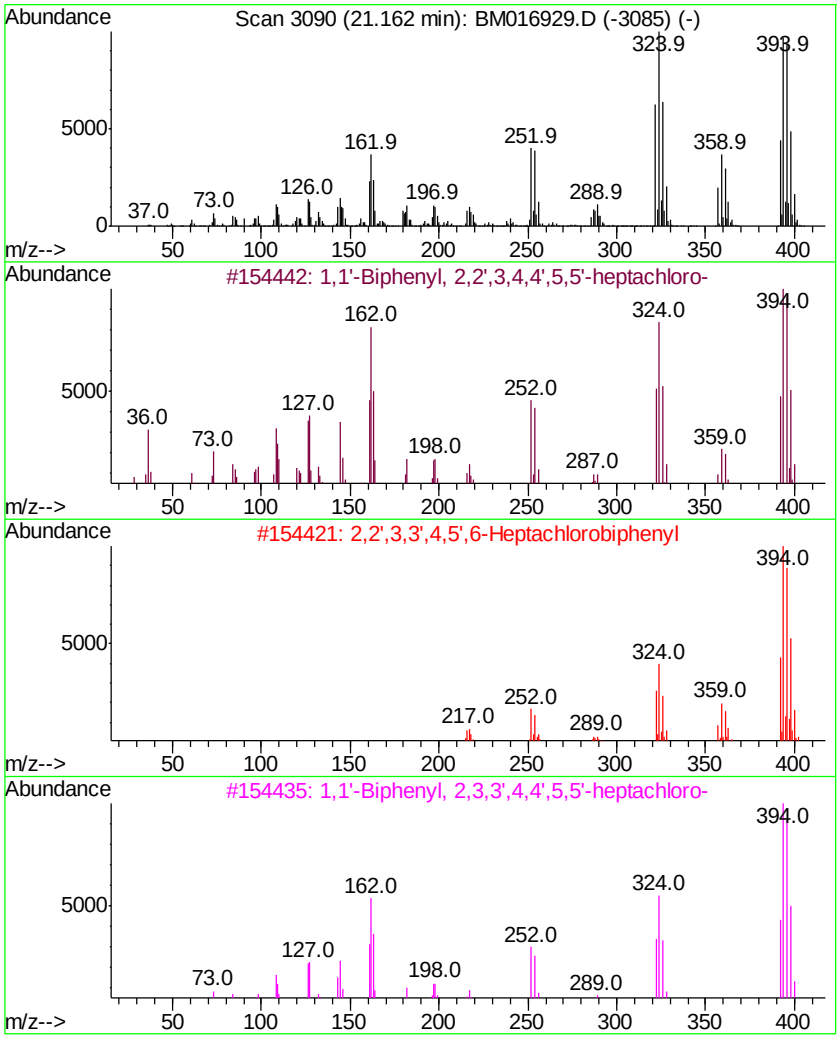
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

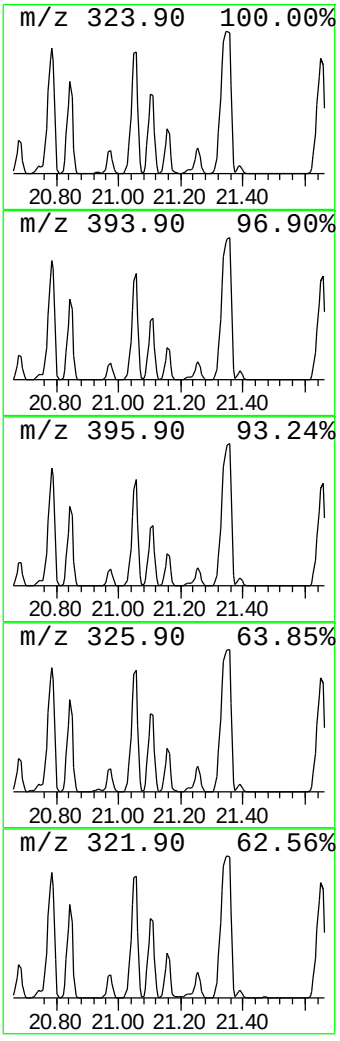
****

Peak Number 40 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	3.76 ng/ul	26661900	Chrysene-d12	21.31

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, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	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',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99





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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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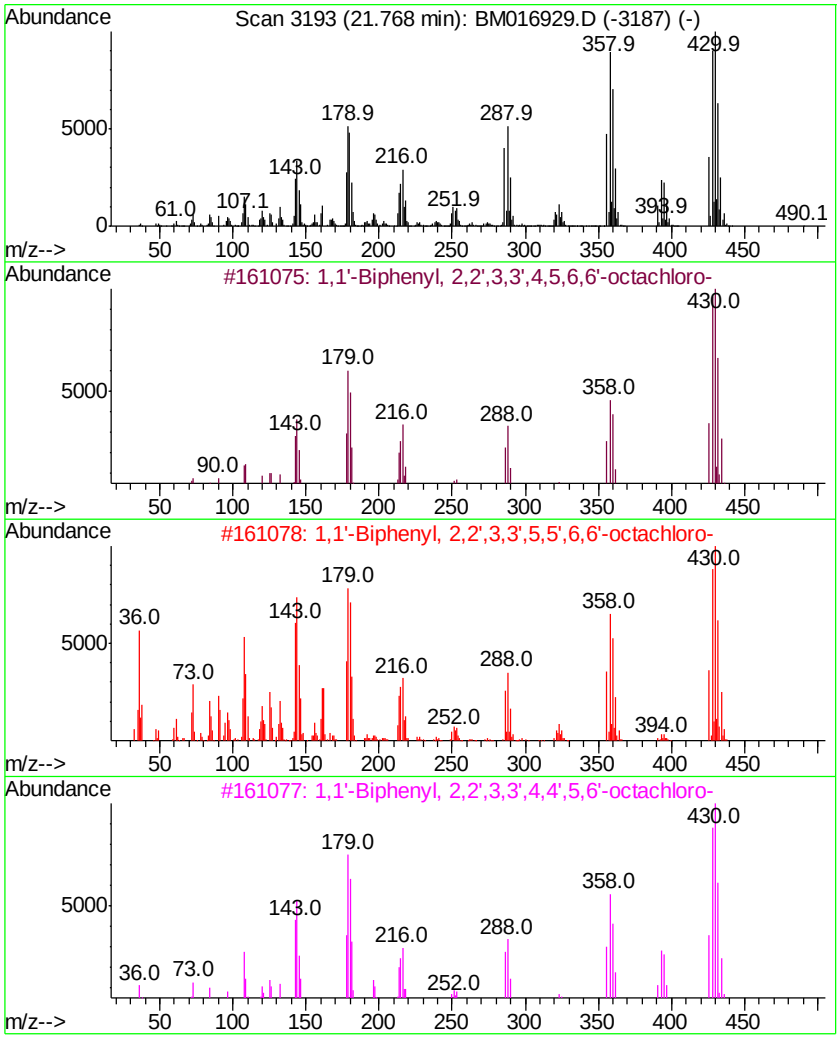
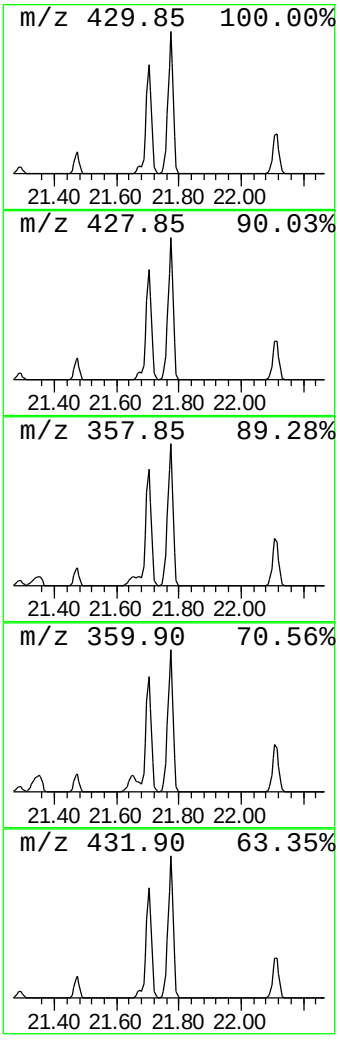
Peak Number 44 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	6.68 ng/ul	47379200	Chrysene-d12	21.31

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',5,5',6,...	426	C12H2Cl8	002136-99-4	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',4,5',6,...	426	C12H2Cl8	040186-71-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99





Library Search Compound Report

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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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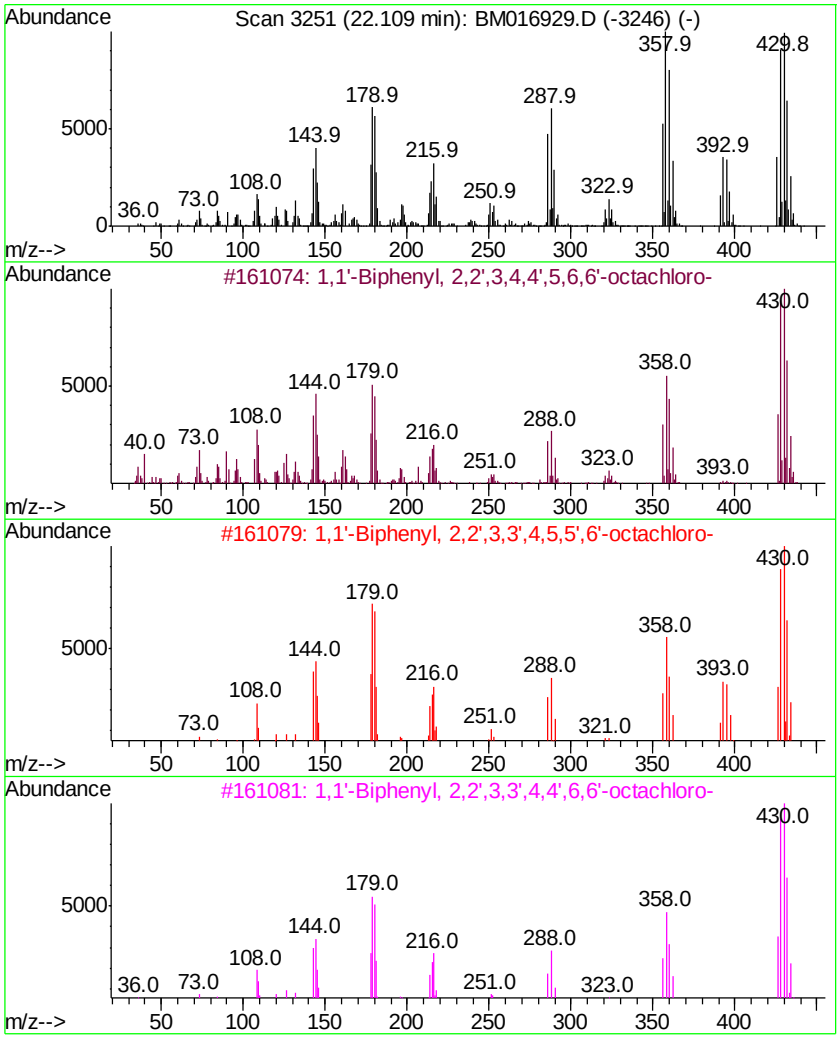
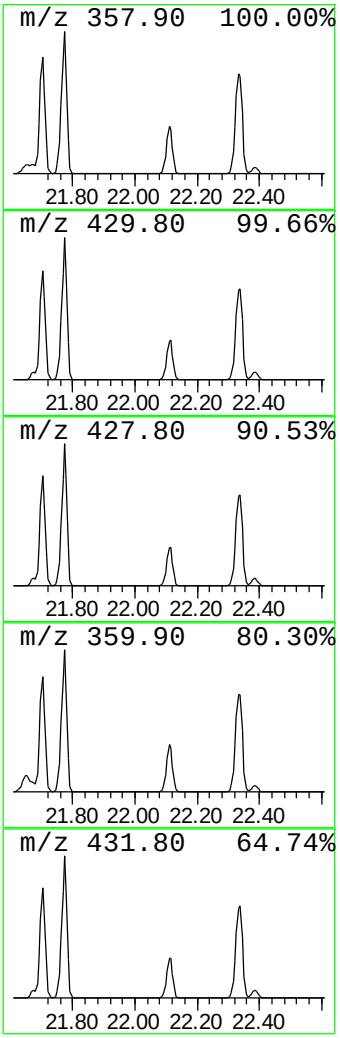
Peak Number 45 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	2.59 ng/ul	18371700	Chrysene-d12	21.31

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',4,5,5',...	426	C12H2Cl8	052663-75-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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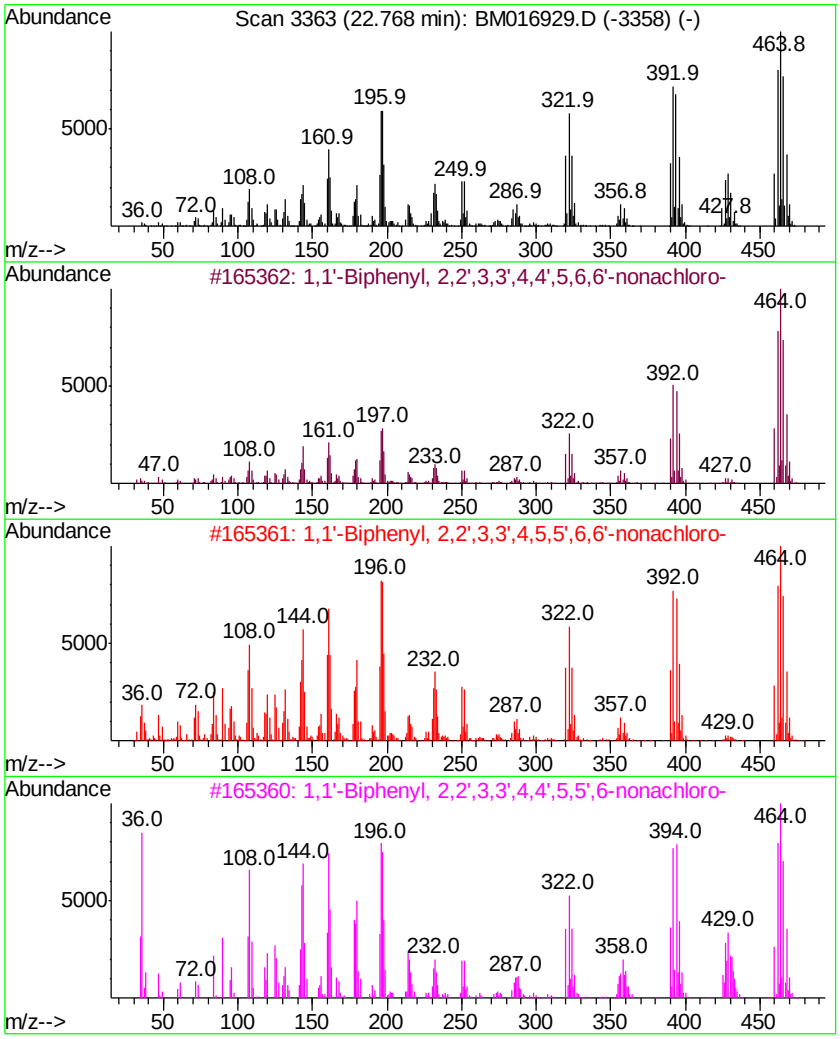
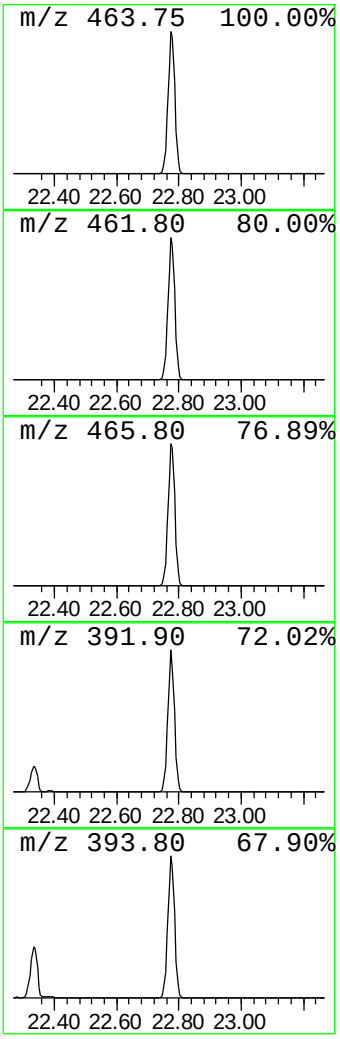
Peak Number 47 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	47.62 ng/ul	8296490	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	052663-79-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	460	C12HCl9	052663-77-1	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	460	C12HCl9	040186-72-9	87
4	Spiro[benzofuran-2(3H),1'-[2,5]c...	462	C14H9Br3O3	052498-93-8	35
5	Pentaphenylphosphole	464	C34H25P	001181-62-0	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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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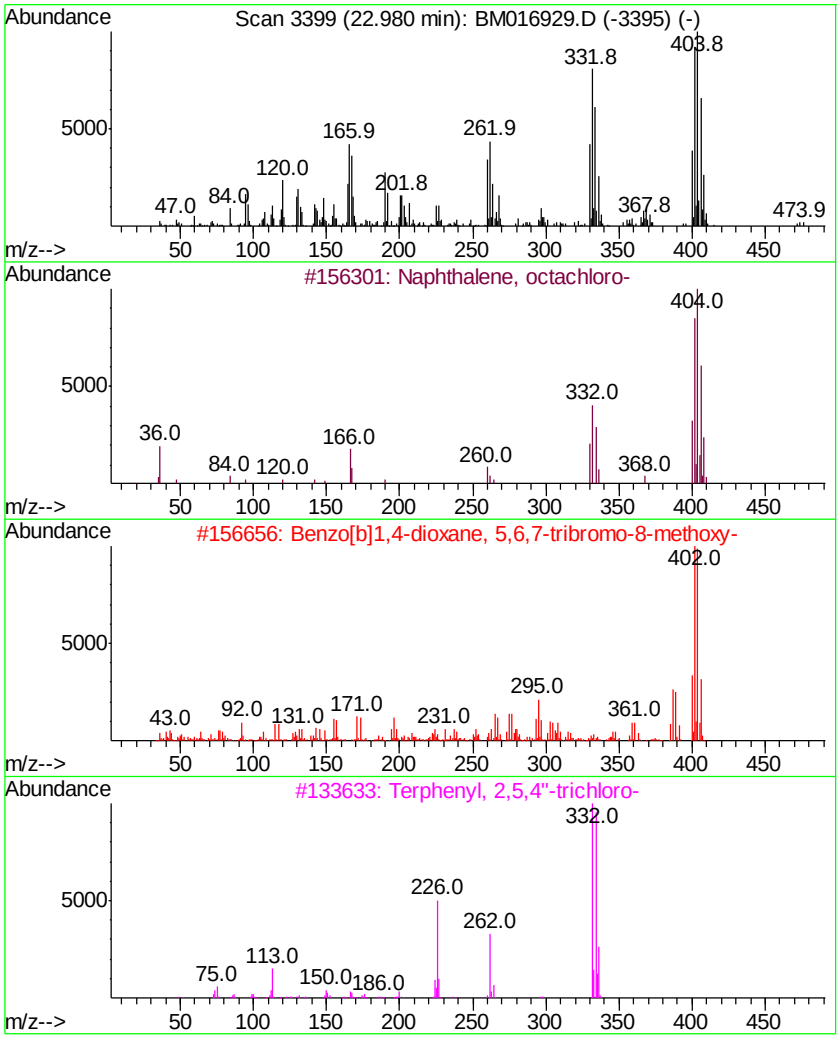
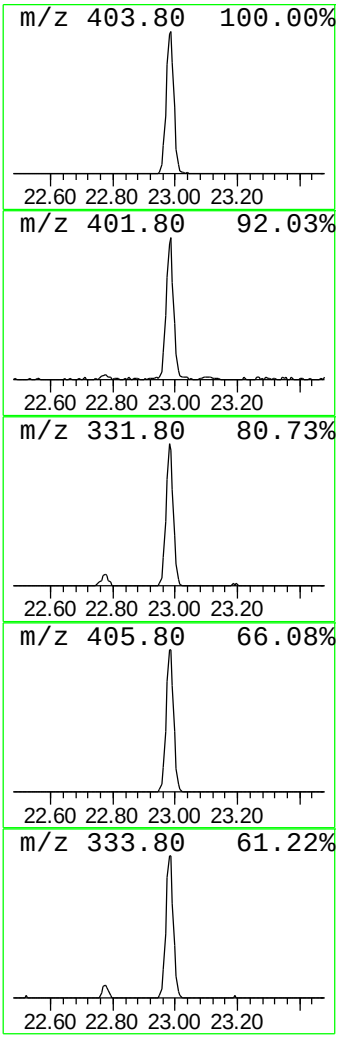
Peak Number 48 Naphthalene, octachloro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	3.91 ng/ul	681227	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, octachloro-	400	C10Cl8	002234-13-1	94
2	Benzo[b]1,4-dioxane, 5,6,7-tribr...	400	C9H7Br3O3	273217-45-1	46
3	Terphenyl, 2,5,4"-trichloro-	332	C18H11Cl3	061576-93-0	35
4	2-Phenyl-4-(4-bromophenyl)-6-(2-...	402	C22H15BrN2O	313498-93-0	12
5	2,2',3,4',6-Pentachloro-4-methyl...	402	C13H7Cl5O2S	149949-87-1	10





Tentatively Identified Compound (LSC) summary

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Data File : BM016929.D
Acq On : 01 Oct 2018 19:51
Operator : MJ/SJ
Sample : J5120-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BB2

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	12.5	ng/ul	1289600	1	7.71	2062670	20.0
Thiophene, tetrac...	11.60	8.2	ng/ul	1149940	2	10.53	2792710	20.0
Benzene, 1-bromo-...	11.79	2.1	ng/ul	287786	2	10.53	2792710	20.0
Benzene, 1,2,3-tr...	12.06	2.2	ng/ul	312891	2	10.53	2792710	20.0
Benzene, 1,2,4-tr...	12.24	2.3	ng/ul	322161	2	10.53	2792710	20.0
unknown-01	13.77	3.8	ng/ul	714579	3	14.35	3790050	20.0
unknown-02	14.09	2.6	ng/ul	496818	3	14.35	3790050	20.0
unknown-03	14.18	5.6	ng/ul	1053910	3	14.35	3790050	20.0
1,1'-Biphenyl, 2-...	14.48	8.7	ng/ul	1652340	3	14.35	3790050	20.0
unknown-04	15.07	2.3	ng/ul	437976	3	14.35	3790050	20.0
unknown-05	15.14	5.2	ng/ul	984977	3	14.35	3790050	20.0
1,1'-Biphenyl, 4-...	15.29	4.0	ng/ul	768318	3	14.35	3790050	20.0
1,1'-Biphenyl, 2,...	15.62	4.8	ng/ul	913098	3	14.35	3790050	20.0
1,1'-Biphenyl, 2,...	16.34	7.4	ng/ul	1148300	4	17.10	3103600	20.0
1,1'-Biphenyl, 2,...	18.17	45.5	ng/ul	7068740	4	17.10	3103600	20.0
1,1'-Biphenyl, 2,...	18.46	6.5	ng/ul	1015490	4	17.10	3103600	20.0
1,1'-Biphenyl, 2,...	18.95	2.0	ng/ul	317495	4	17.10	3103600	20.0
1,1'-Biphenyl, 2,...	19.12	3.1	ng/ul	479397	4	17.10	3103600	20.0
1,1'-Biphenyl, 2,...	19.74	5.4	ng/ul	38200000	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	19.94	5.7	ng/ul	40436400	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	20.23	3.7	ng/ul	26432200	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	20.33	19.0	ng/ul	134398000	5	21.31	141777000	20.0
1,1'-Biphenyl, 3,...	20.37	7.1	ng/ul	50183900	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	20.47	11.9	ng/ul	84650300	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	20.56	2.7	ng/ul	19272100	5	21.31	141777000	20.0
2,2',3,3',4,5',6-...	20.79	12.4	ng/ul	88158300	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	20.93	2.0	ng/ul	14395500	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	21.16	3.8	ng/ul	26661900	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	21.77	6.7	ng/ul	47379200	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	22.11	2.6	ng/ul	18371700	5	21.31	141777000	20.0
1,1'-Biphenyl, 2,...	22.77	47.6	ng/ul	8296490	6	23.53	3484480	20.0
Naphthalene, octa...	22.98	3.9	ng/ul	681227	6	23.53	3484480	20.0