LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016918.D
Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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	3.193	31	35	40	rVB	1377420	1475597	10.58%	1.116%
2	3.516	87	90	96	rVB2	84254	96814	0.69%	0.073%
3	7.710	796	803	811	rBV	1226803	1981683	14.20%	1.499%
4	8.934	1002	1011	1017	rBV2	26827	45323	0.32%	0.034%
5	10.357	1247	1253	1262	rVB	146860	232748	1.67%	0.176%
6	10.492	1265	1276	1285	rBV	1685309	2973819	21.31%	2.250%
7	10.875	1335	1341	1346	rVB2	31205	52154	0.37%	0.039%
8	11.922	1512	1519	1530	rBV	145315	222370	1.59%	0.168%
9	12.534	1617	1623	1628	rBV2	26493	46474	0.33%	0.035%
10	12.834	1670	1674	1678	rBV2	20350	28431	0.20%	0.022%
11	12.945	1687	1693	1698	rBV7	14307	29166	0.21%	0.022%
12	13.139	1720	1726	1730	rBV3	67724	130086	0.93%	0.098%
13	13.181	1730	1733	1738	rVV2	33433	41485	0.30%	0.031%
14	13.228	1738	1741	1745	rVB5	18458	22045	0.16%	0.017%
15	13.281	1745	1750	1754	rBV6	15591	31883	0.23%	0.024%
16	13.628	1804	1809	1811	rBV6	23673	40877	0.29%	0.031%
17	13.669	1813	1816	1819	rVV5	25034	37918	0.27%	0.029%
18	13.769	1828	1833	1837	rBV	162607	232756	1.67%	0.176%
19	13.810	1838	1840	1842	rBV3	20278	22690	0.16%	0.017%
20	13.845	1842	1846	1849	rVV2	75699	101333	0.73%	0.077%
21	14.092	1883	1888	1892	rBV4	90620	185422	1.33%	0.140%
22	14.180	1899	1903	1911	rVB	288197	477853	3.42%	0.362%
23	14.257	1911	1916	1920	rBV4	93475	180919	1.30%	0.137%
24	14.351	1922	1932	1940	rBV2	2029316	3545635	25.41%	2.682%
25	14.680	1984	1988	1992	rBV	111475	197675	1.42%	0.150%
26	14.886	2019	2023	2030	rBV4	229259	421592	3.02%	0.319%
27	15.145	2062	2067	2072	rBV2	533890	880357	6.31%	0.666%
28	16.104	2227	2230	2236	rVB	1939379	2625090	18.81%	1.986%
29	16.933	2368	2371	2377	rVB	1777853	2645886	18.96%	2.002%
30	17.104	2397	2400	2407	rBV	1917797	3259586	23.36%	2.466%
31	18.180	2581	2583	2589	rVB	5073767	6300174	45.15%	4.766%
32	19.033	2725	2728	2734	rVB	7960293	10926093	78.31%	8.266%
33	19.321	2772	2777	2782	rVB	9847634	13952397	100.00%	10.556%
34	19.580	2818	2821	2828	rVB2	2889493	3702670	26.54%	2.801%

LSC Area Percent Report

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Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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	19.657	2831	2834	2838	rVB	4955288	5891115	42.22%	4.457%
36	19.762	2849	2852	2860	rVB	9123008	12122781	86.89%	9.172%
37	20.027	2893	2897	2901	rVB2	5839577	7081869	50.76%	5.358%
38	20.080	2902	2906	2910	rVV	7583973	8793474	63.02%	6.653%
39	20.304	2941	2944	2948	rVB	5845457	6902489	49.47%	5.222%
40	20.357	2950	2953	2956	rVV2	2838556	4001268	28.68%	3.027%
41	20.386	2956	2958	2964	rVB	2900356	3060752	21.94%	2.316%
42	20.621	2992	2998	3009	rVB	6929957	12942443	92.76%	9.792%
43	20.927	3047	3050	3054	rVB	2150869	2438059	17.47%	1.845%
44	21.174	3090	3092	3097	rVB	1210707	1407951	10.09%	1.065%
45	21.292	3109	3112	3115	rBV	2291477	2968342	21.27%	2.246%
46	21.321	3115	3117	3121	rVB2	1764017	1911623	13.70%	1.446%
47	21.633	3167	3170	3174	rVB	1108371	1258863	9.02%	0.952%
48	23.527	3487	3492	3514	rVB	2027833	4249107	30.45%	3.215%

Sum of corrected areas: 132177137

LSC Report - Integrated Chromatogram

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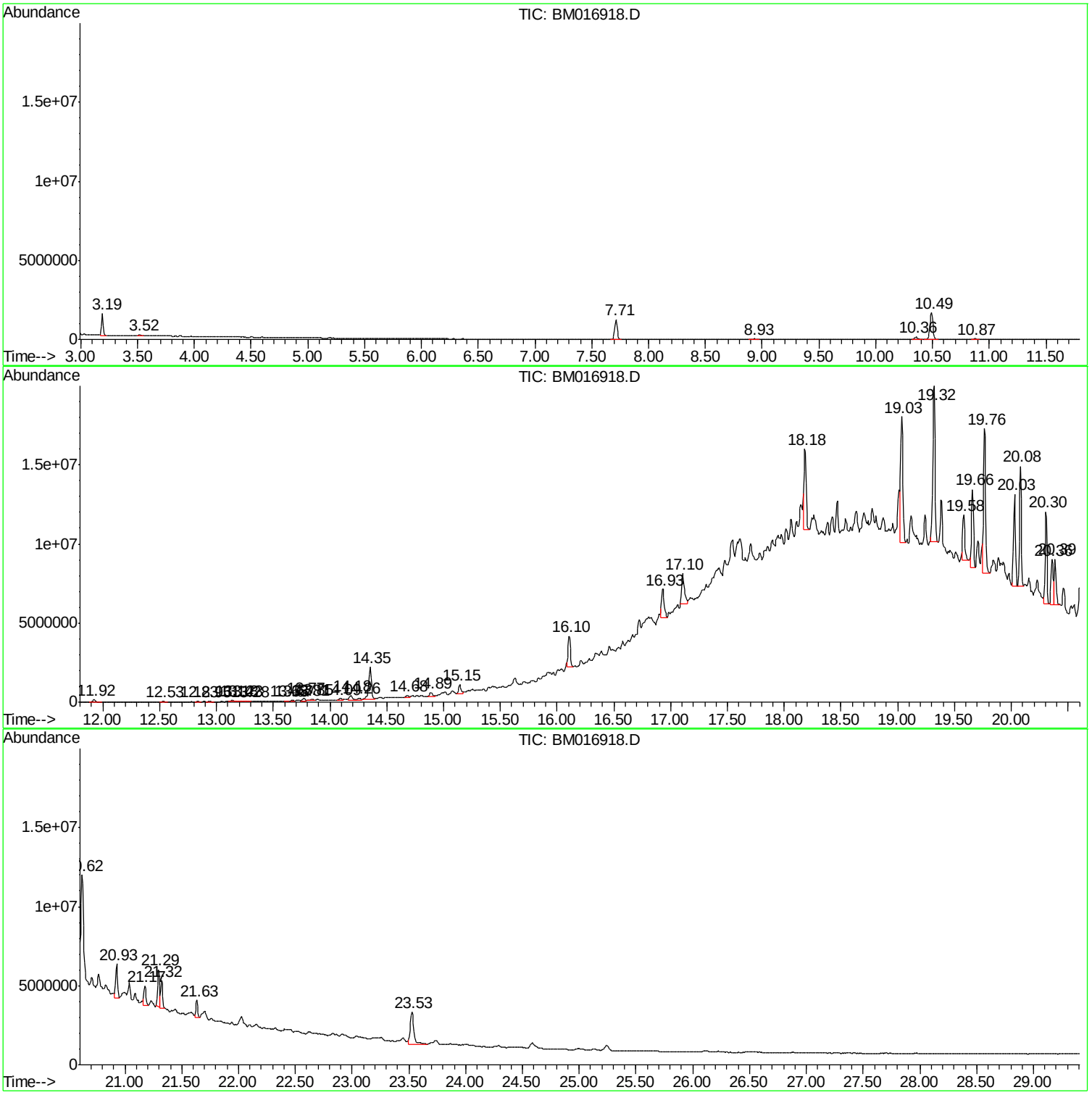
Data File : BM016918.D
Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B65

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016918.D
Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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

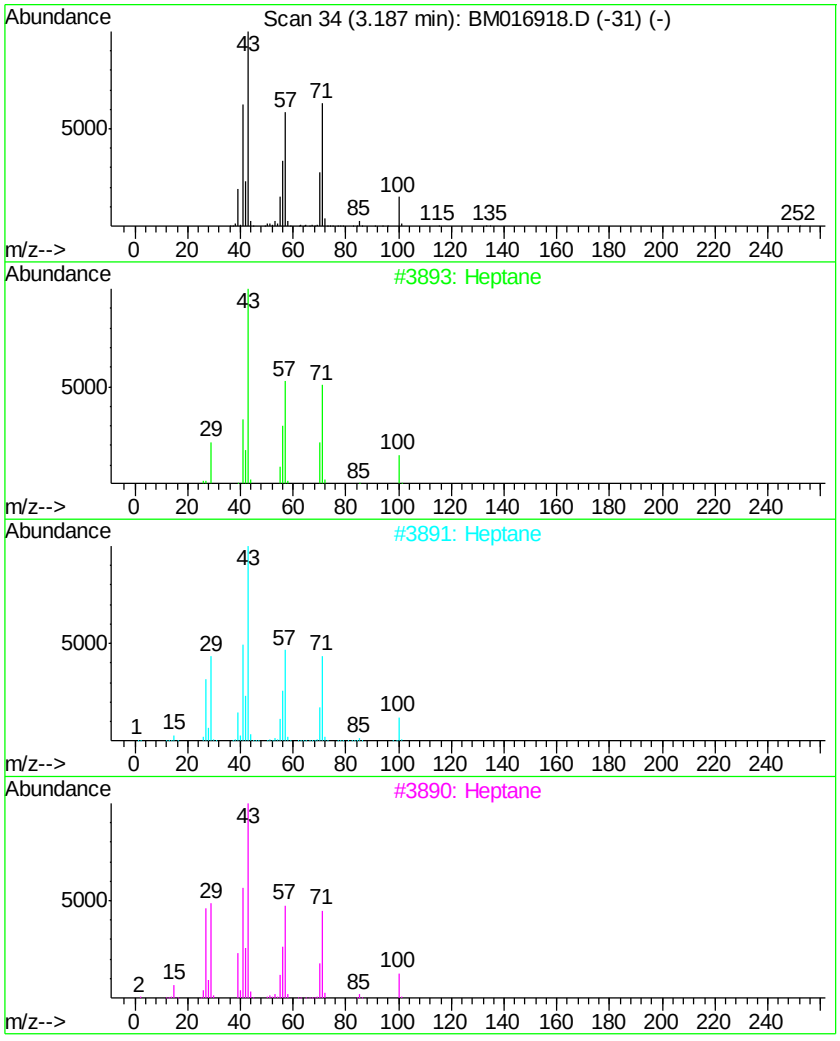
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

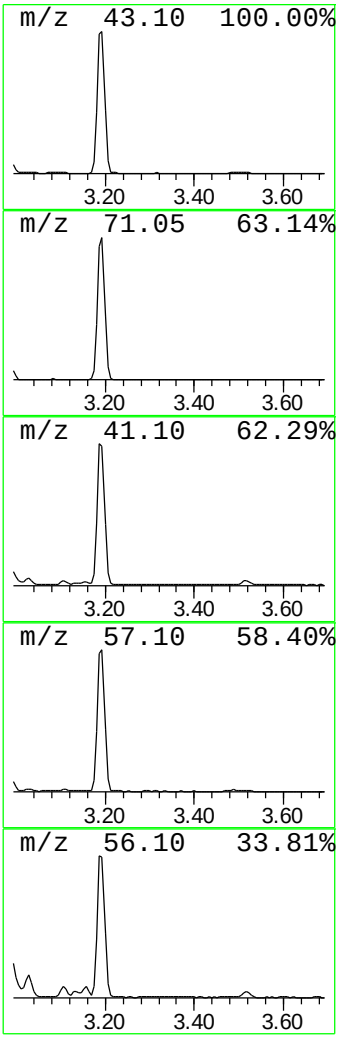
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	14.89 ng/ul	1475600	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	87
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016918.D
Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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

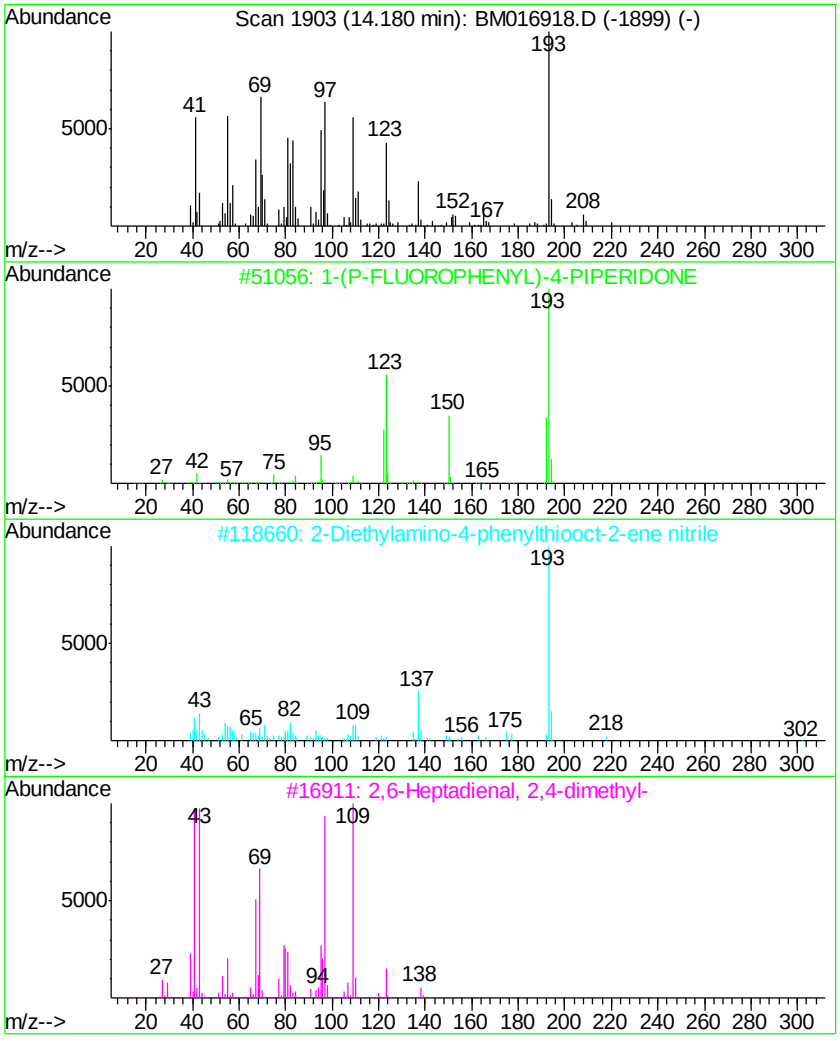
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

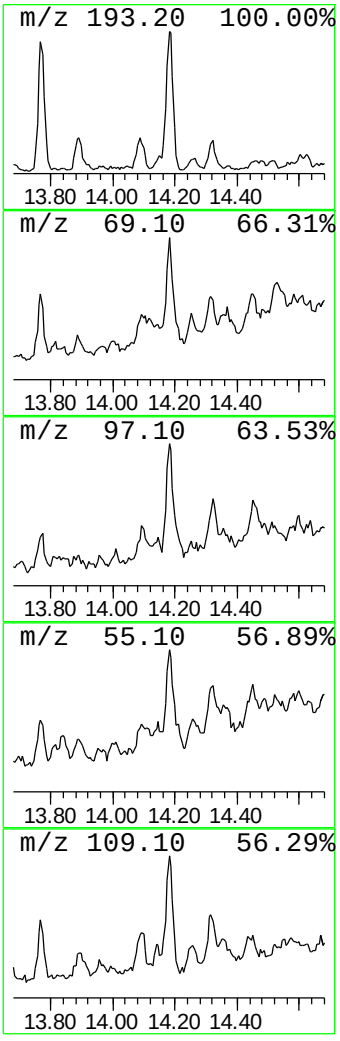
****

Peak Number 2 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.70 ng/ul	477853	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
2	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	22
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	20
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	18
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016918.D
Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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

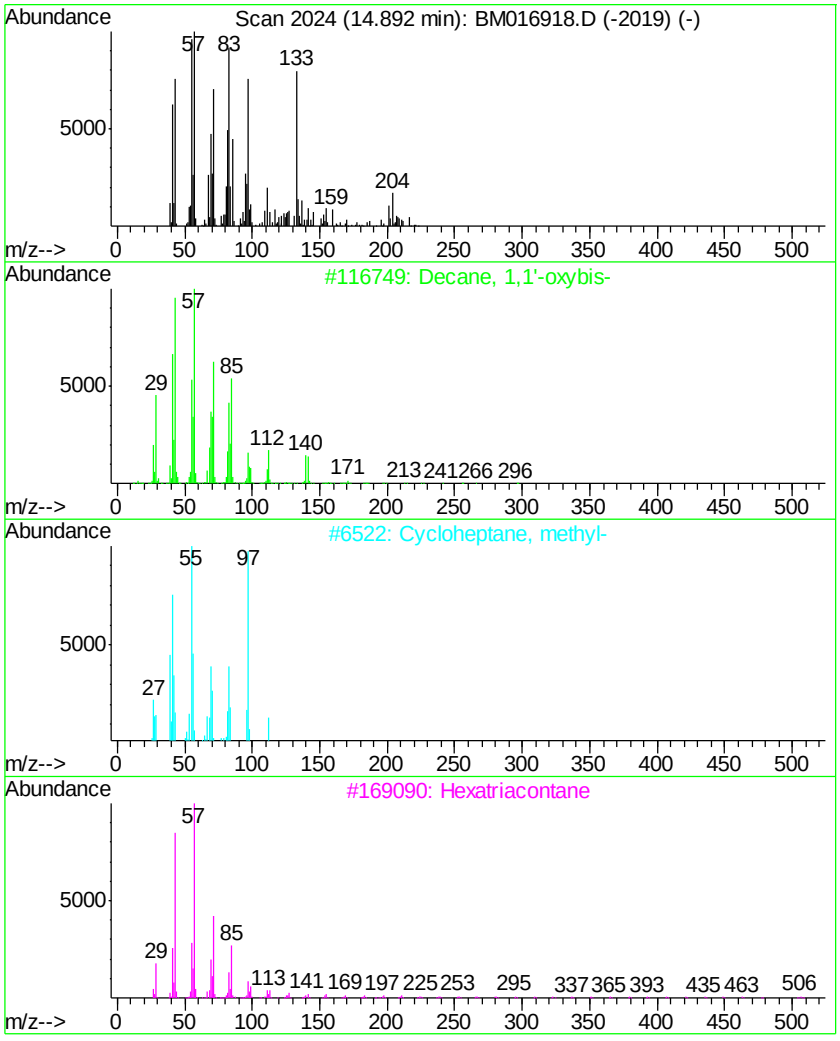
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

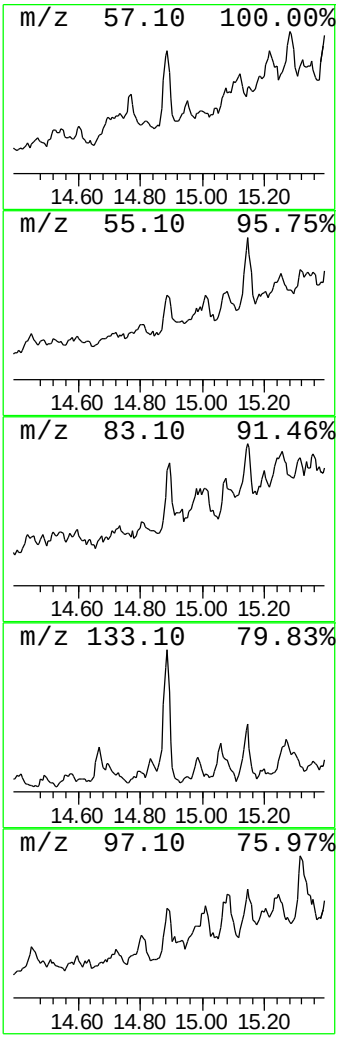
****

Peak Number 3 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.38 ng/ul	421592	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	30
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	25
3	Hexatriacontane	507	C36H74	000630-06-8	22
4	Nonadecane	268	C19H40	000629-92-5	18
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016918.D
Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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

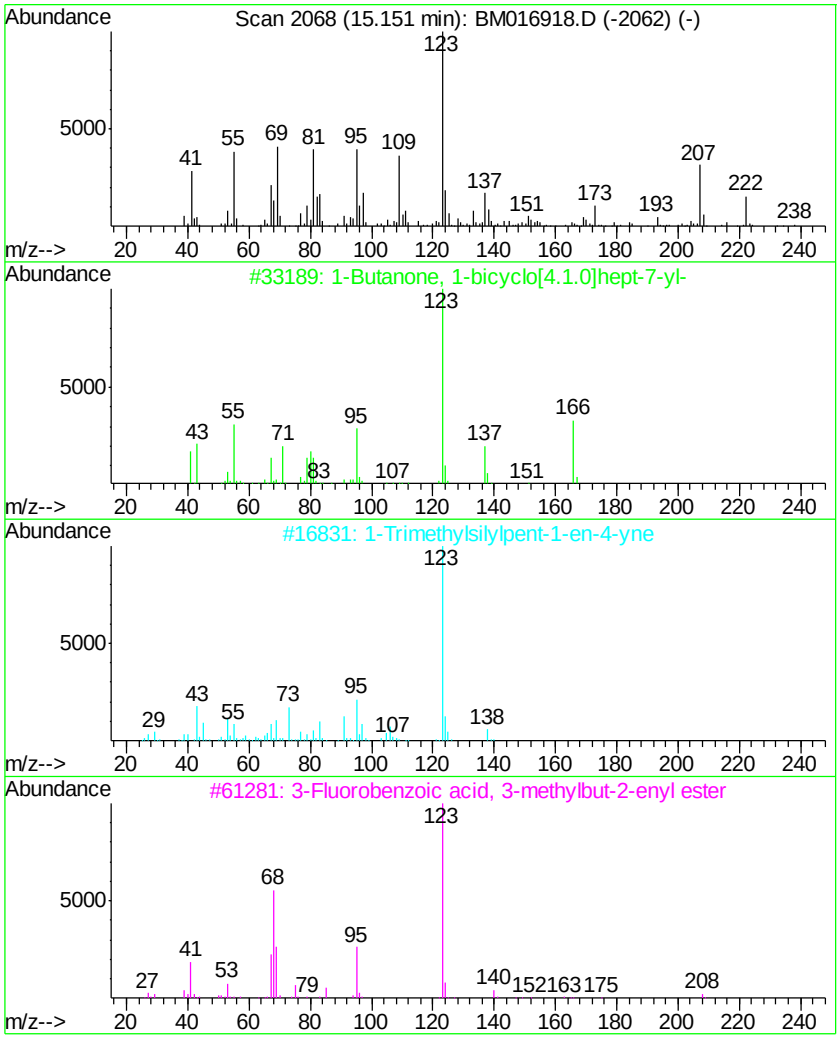
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

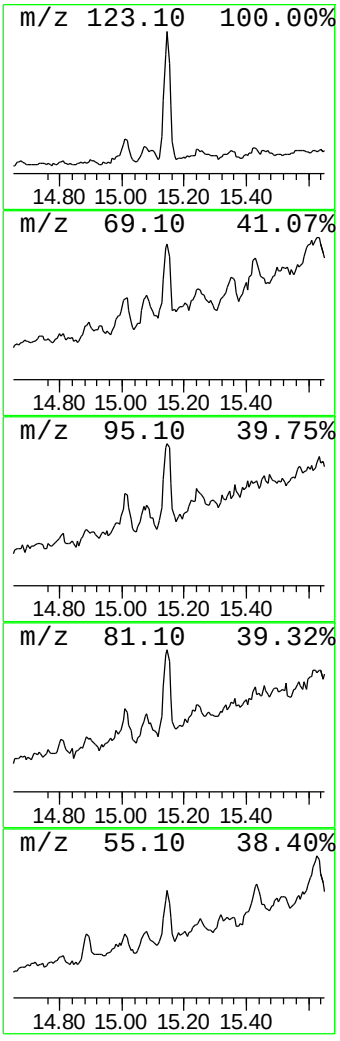
****

Peak Number 4 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	4.97 ng/ul	880357	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	43
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
3	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	43
4	1H-Purine-2,6-dione, 1,3-diethyl...	222	C10H14N4O2	054965-57-0	43
5	Bicyclo[2.2.2]octane, 1-methyl-4...	202	C10H18O2S	069855-48-7	41





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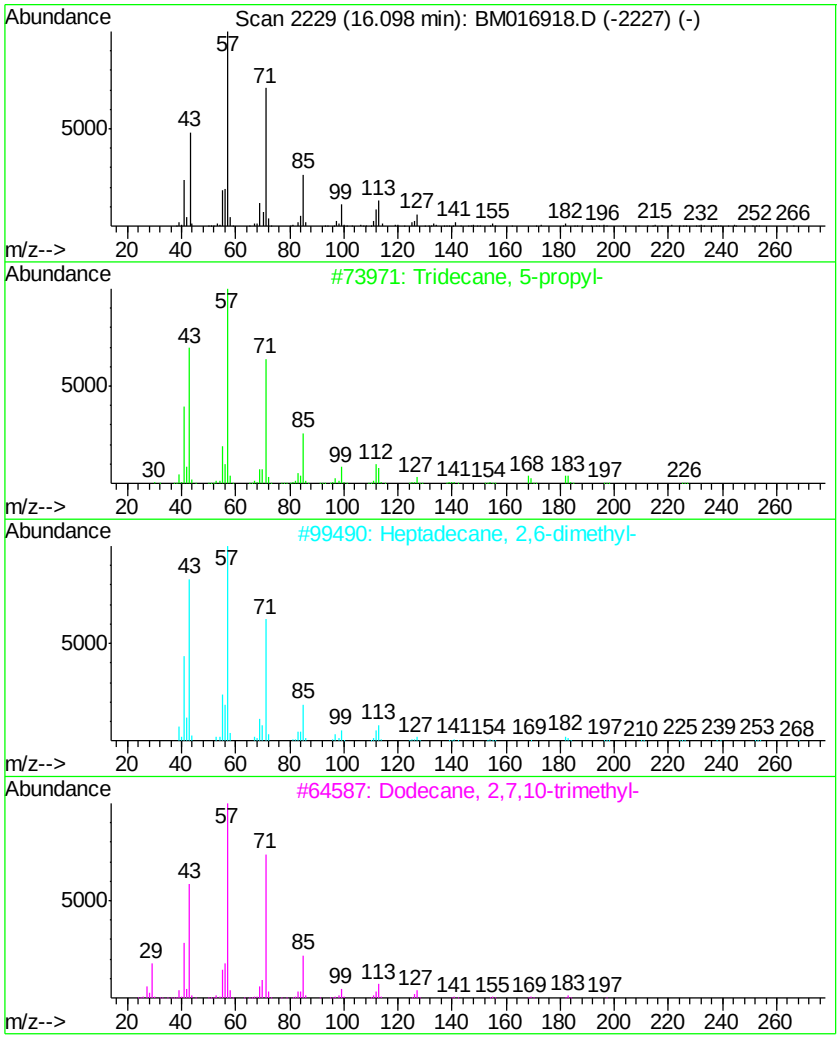
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

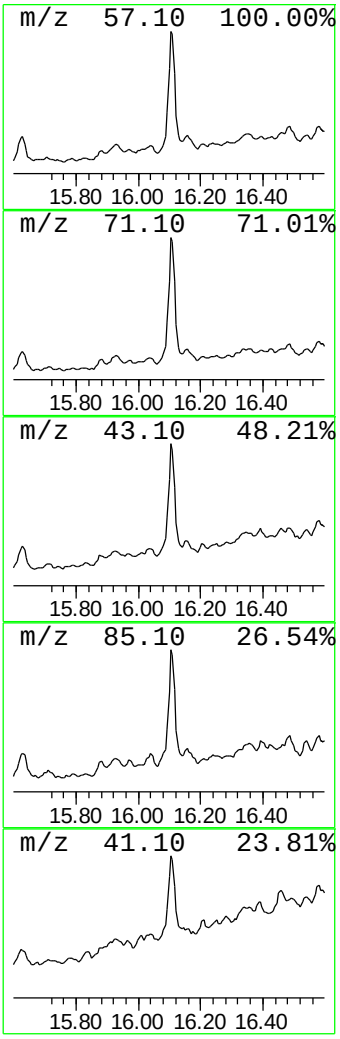
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	16.11 ng/ul	2625090	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78





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Instrument : BNA_M
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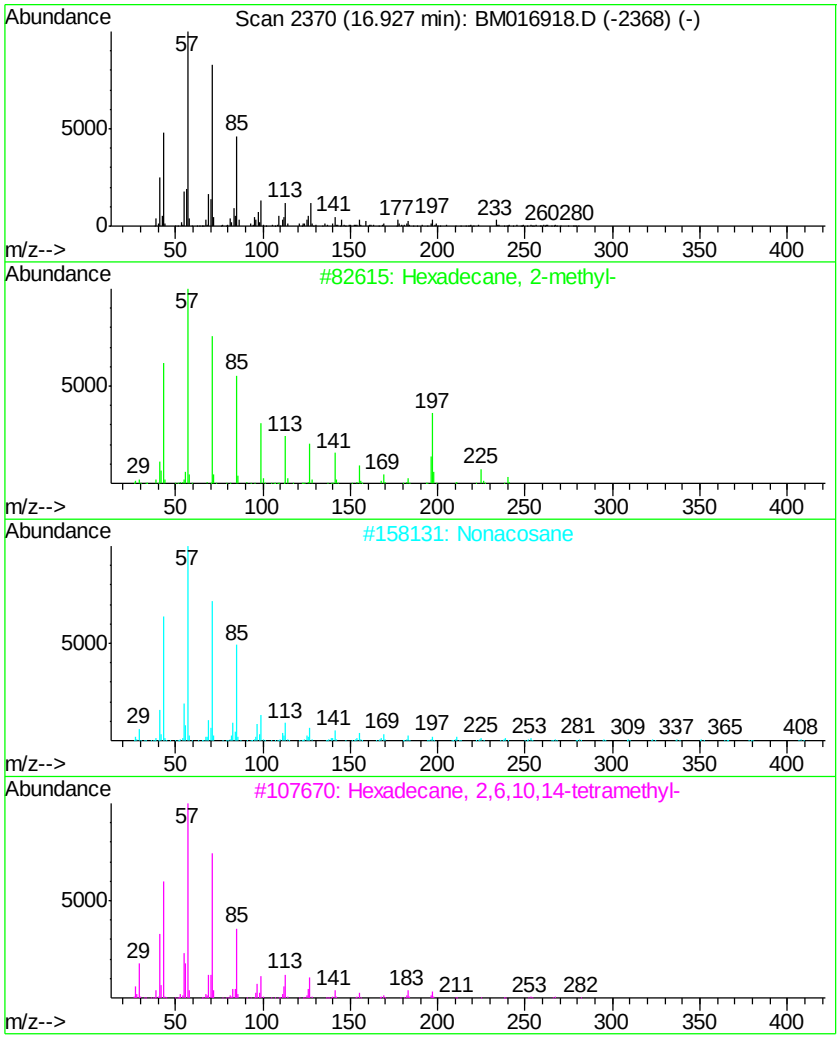
Quant Title : SVOA CALIBRATION

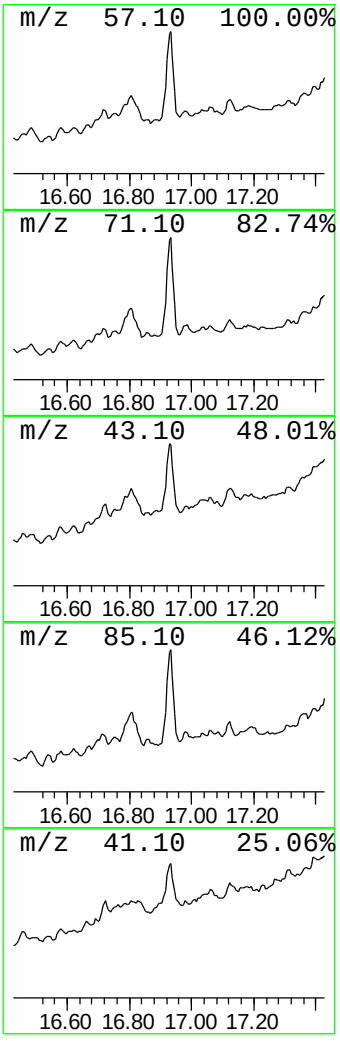
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	16.23 ng/ul	2645890	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
2	Nonacosane	408	C29H60	000630-03-5	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





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Quant Title : SVOA CALIBRATION

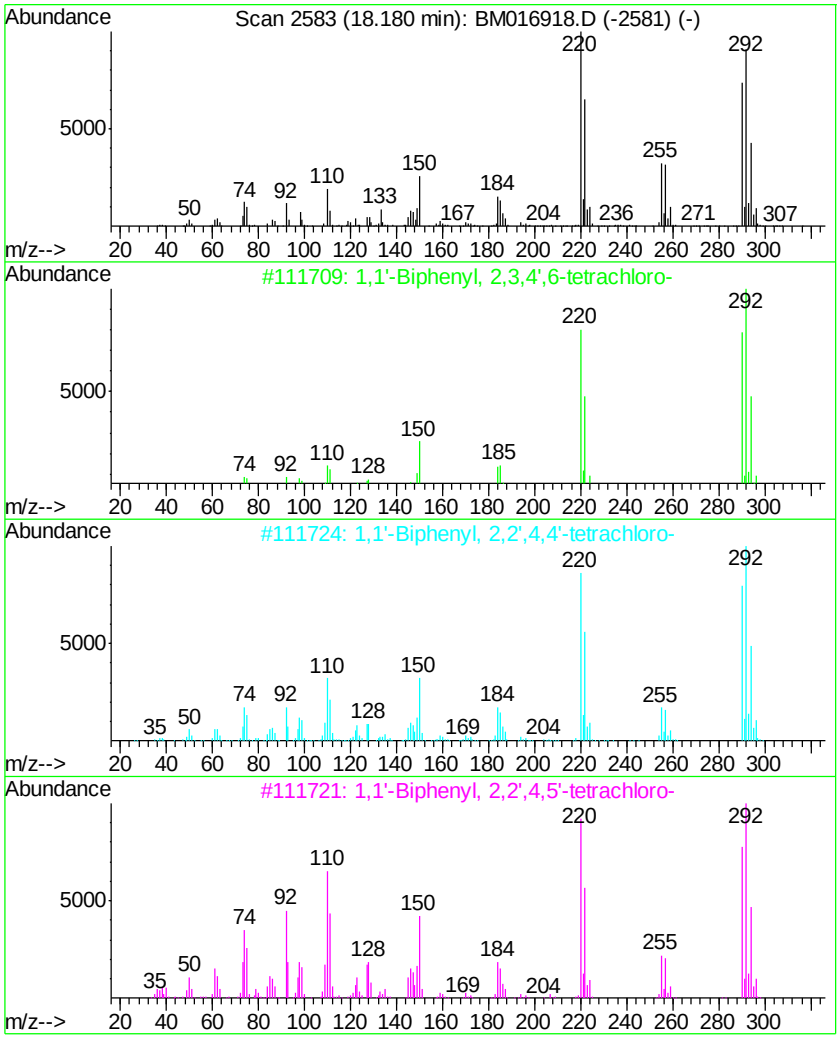
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

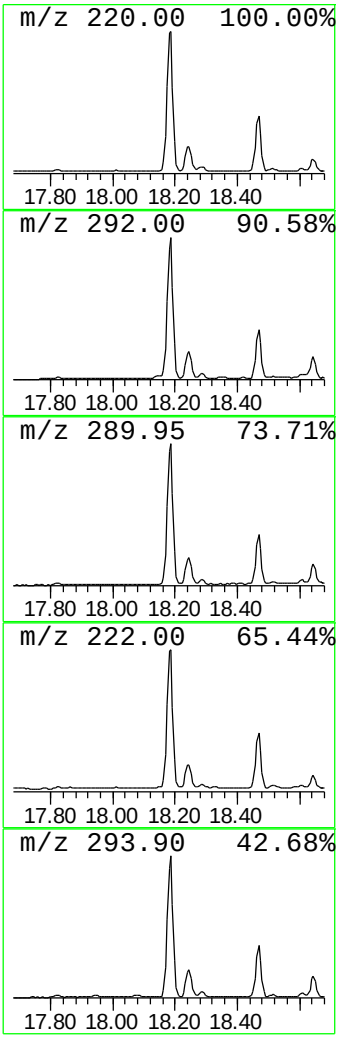
****

Peak Number 7 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	38.66 ng/ul	6300170	Phenanthrene-d10	17.10

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, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	95
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	95
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	95





Library Search Compound Report

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Operator : MJ/SJ
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Instrument : BNA_M
ClientSampleId : C0B65

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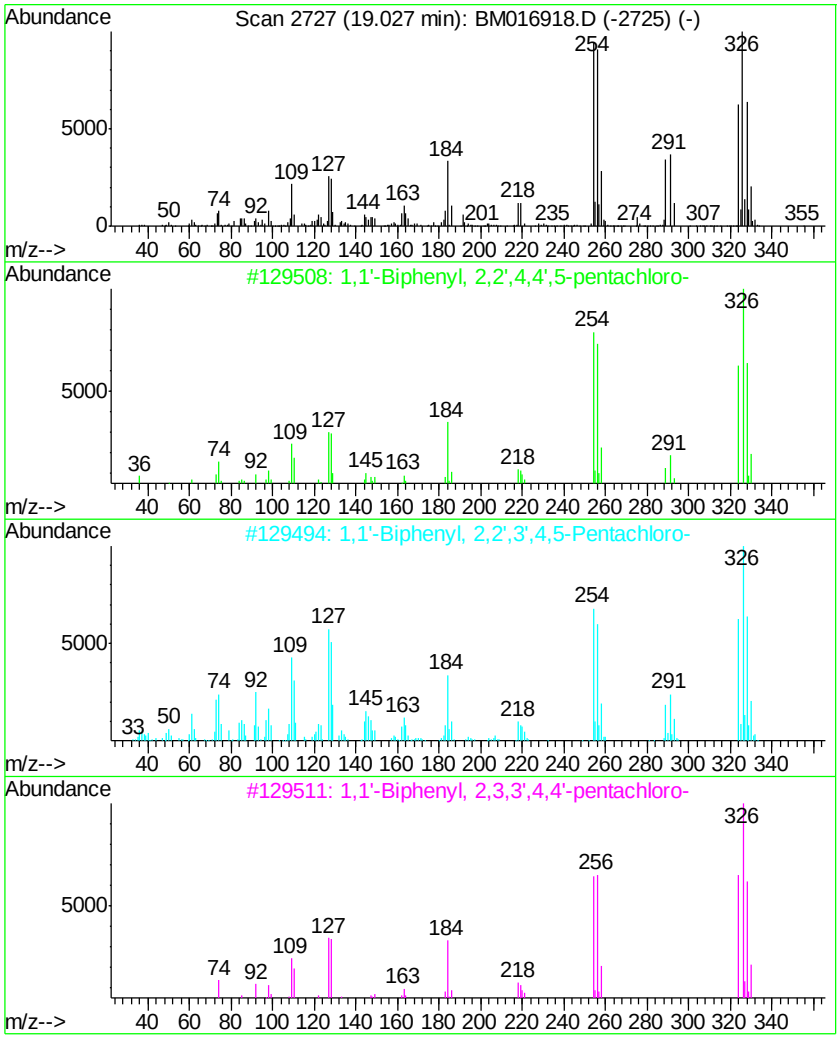
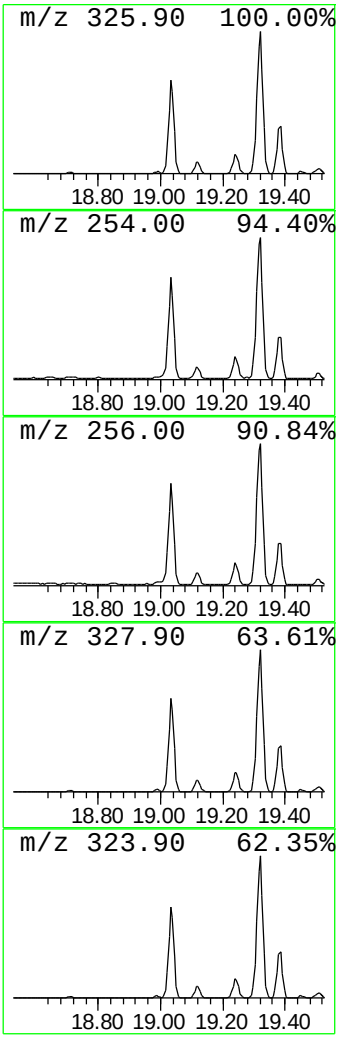
Peak Number 8 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	67.04 ng/ul	10926100	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	98





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Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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Quant Title : SVOA CALIBRATION

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

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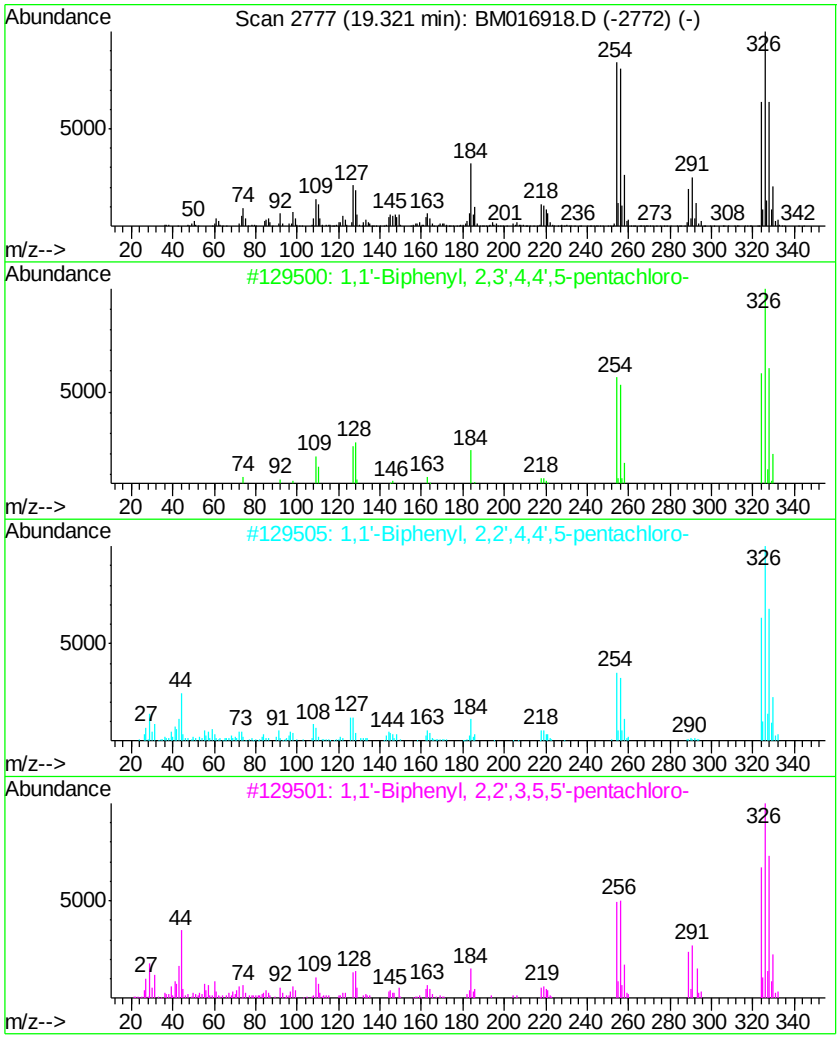
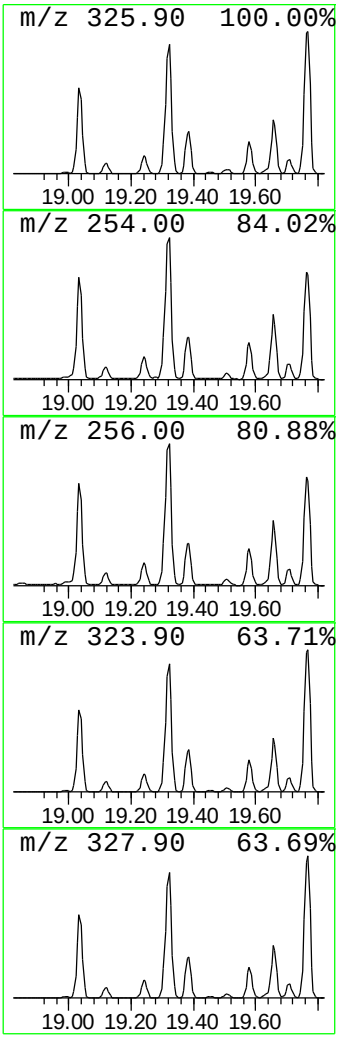
Peak Number 9 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	94.01 ng/ul	13952400	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99





Library Search Compound Report

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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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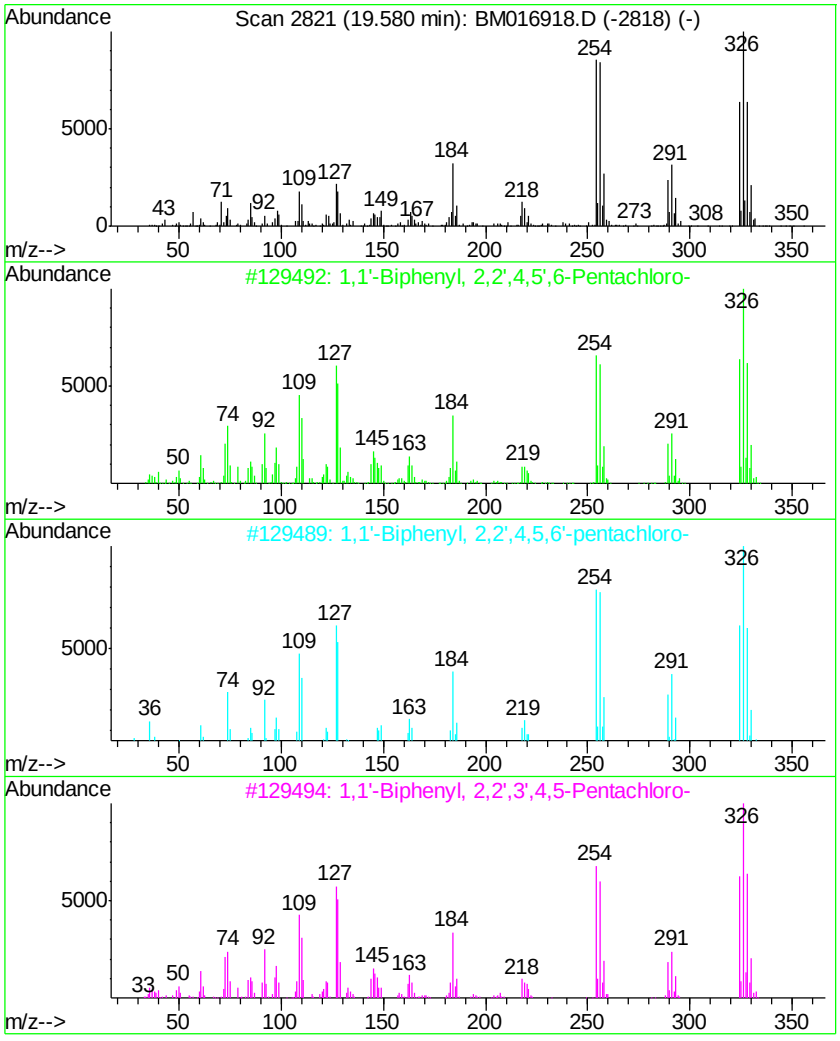
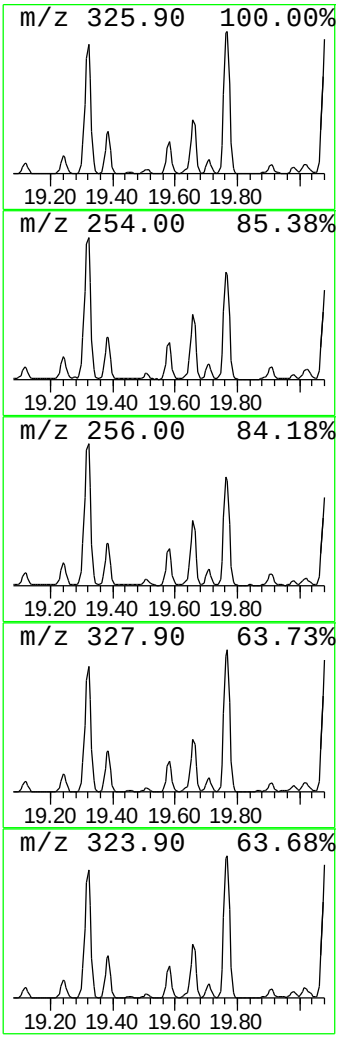
Peak Number 10 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	24.95 ng/ul	3702670	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	97
2	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	96
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96





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Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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Quant Title : SVOA CALIBRATION

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

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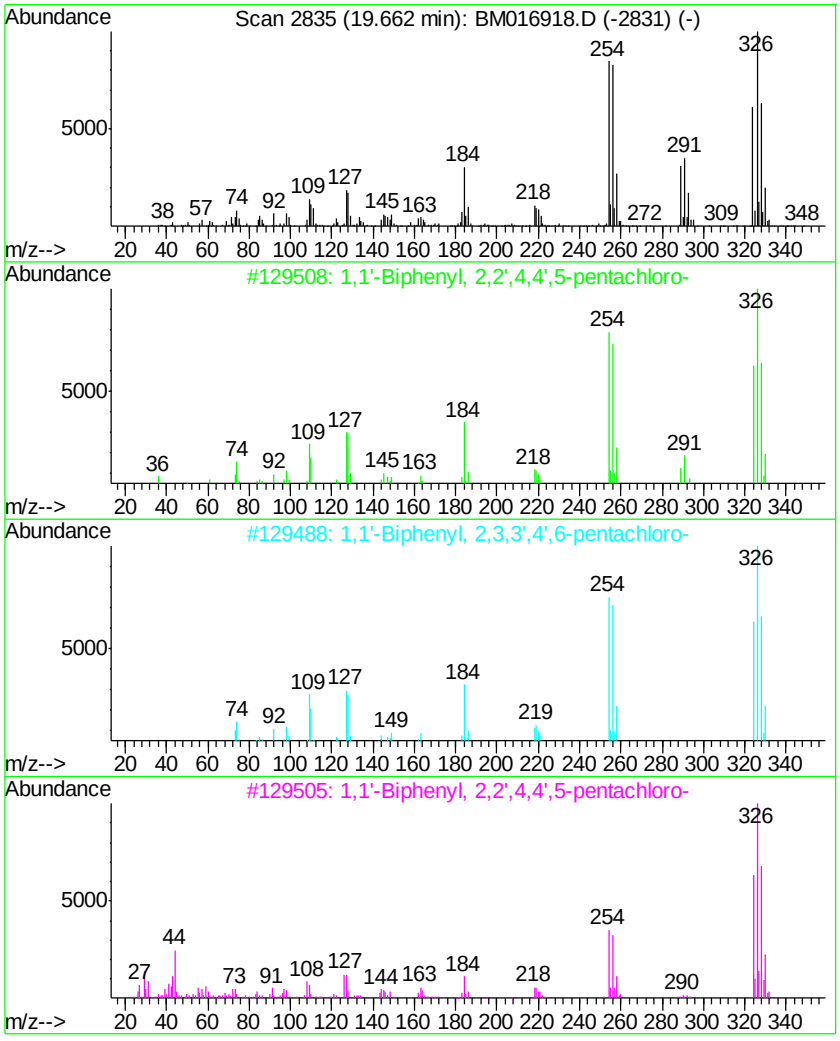
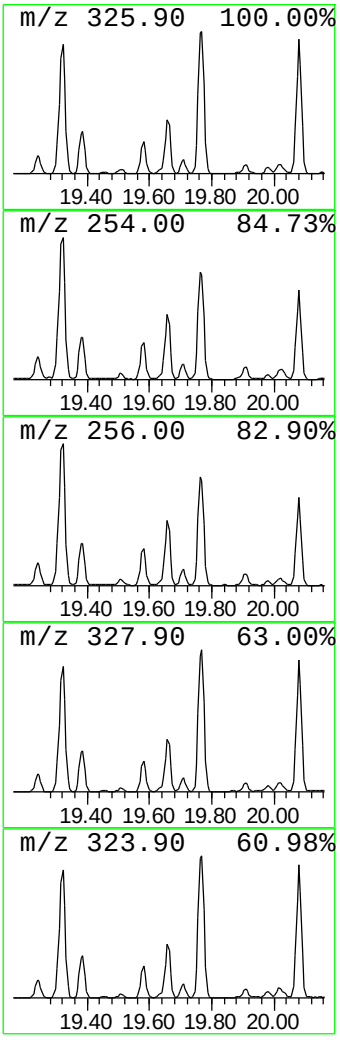
Peak Number 11 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	39.69 ng/ul	5891120	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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Misc :
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Instrument : BNA_M
ClientSampleId : C0B65

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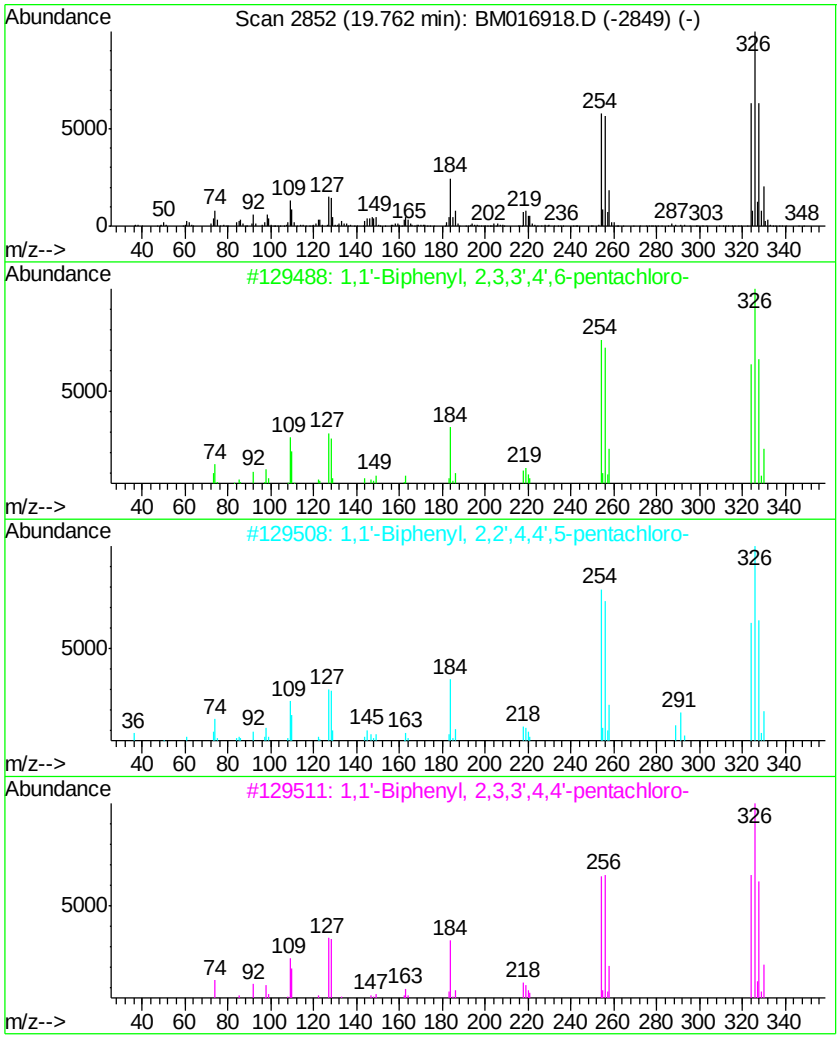
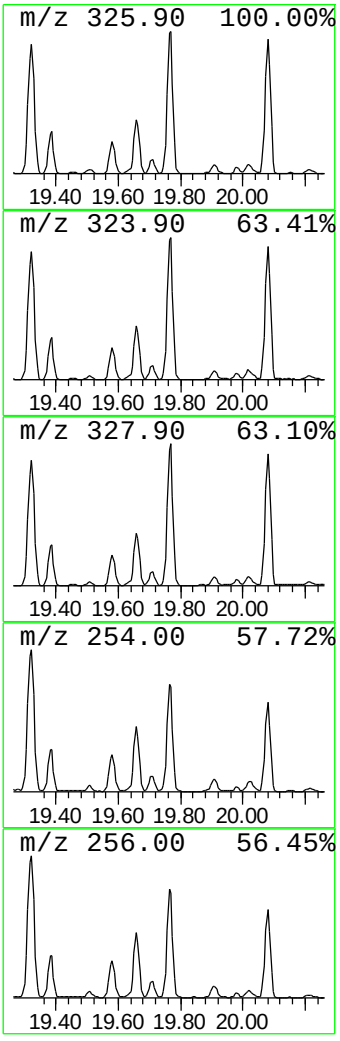
Peak Number 12 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	81.68 ng/ul	12122800	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97





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Instrument : BNA_M
ClientSampleId : C0B65

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Quant Title : SVOA CALIBRATION

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

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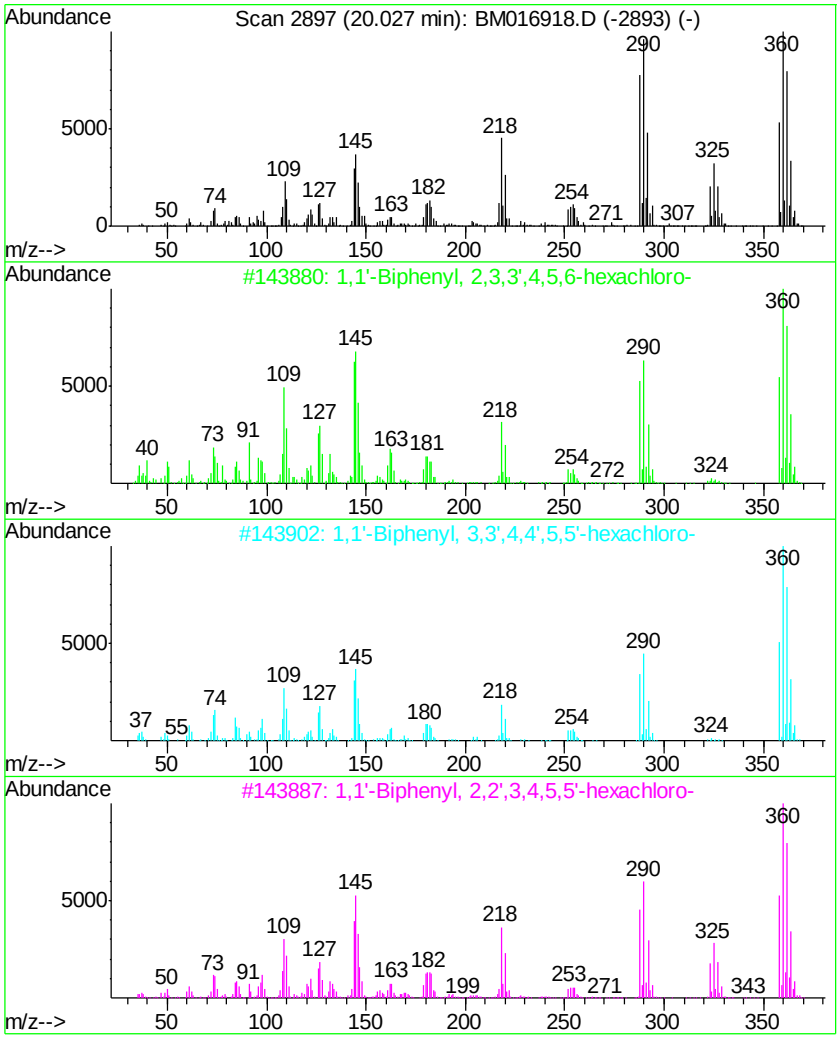
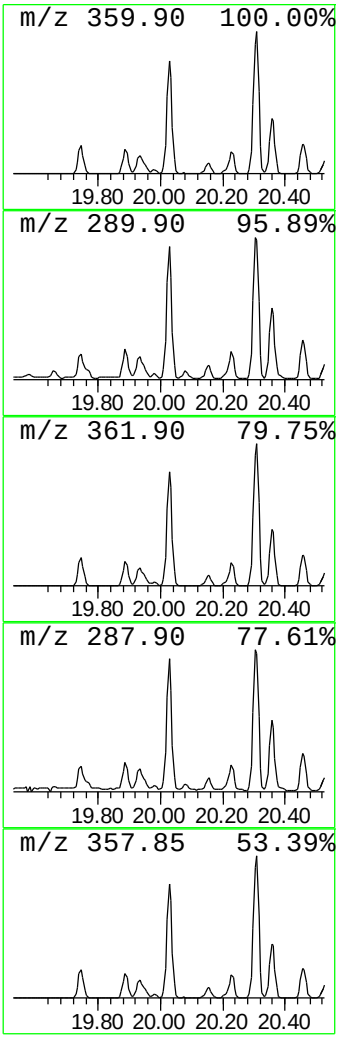
Peak Number 13 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	47.72 ng/ul	7081870	Chrysene-d12	21.30

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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99





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Instrument : BNA_M
ClientSampleId : C0B65

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Quant Title : SVOA CALIBRATION

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

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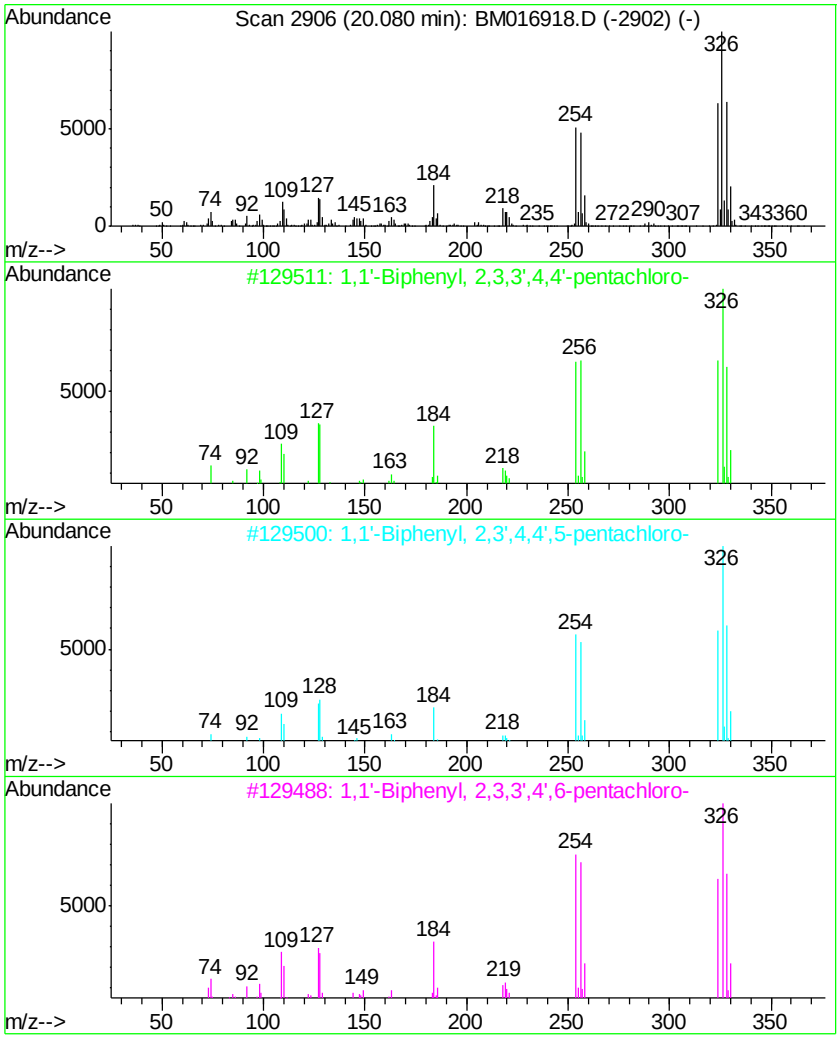
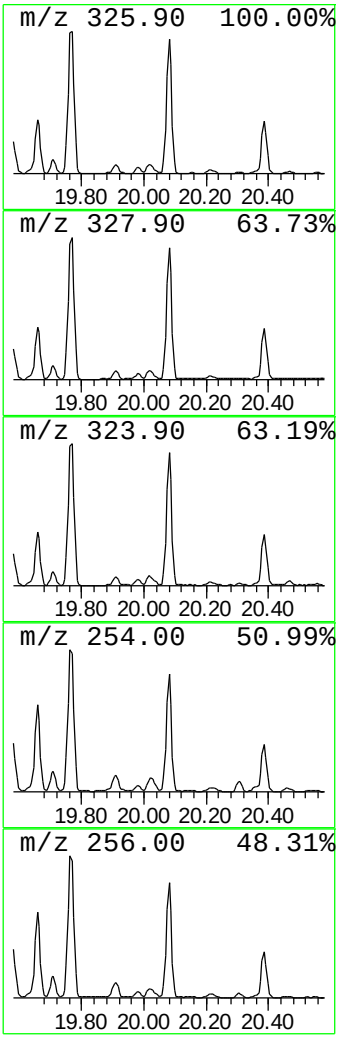
Peak Number 14 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	59.25 ng/ul	8793470	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





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Misc :
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Instrument : BNA_M
ClientSampleId : C0B65

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Quant Title : SVOA CALIBRATION

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

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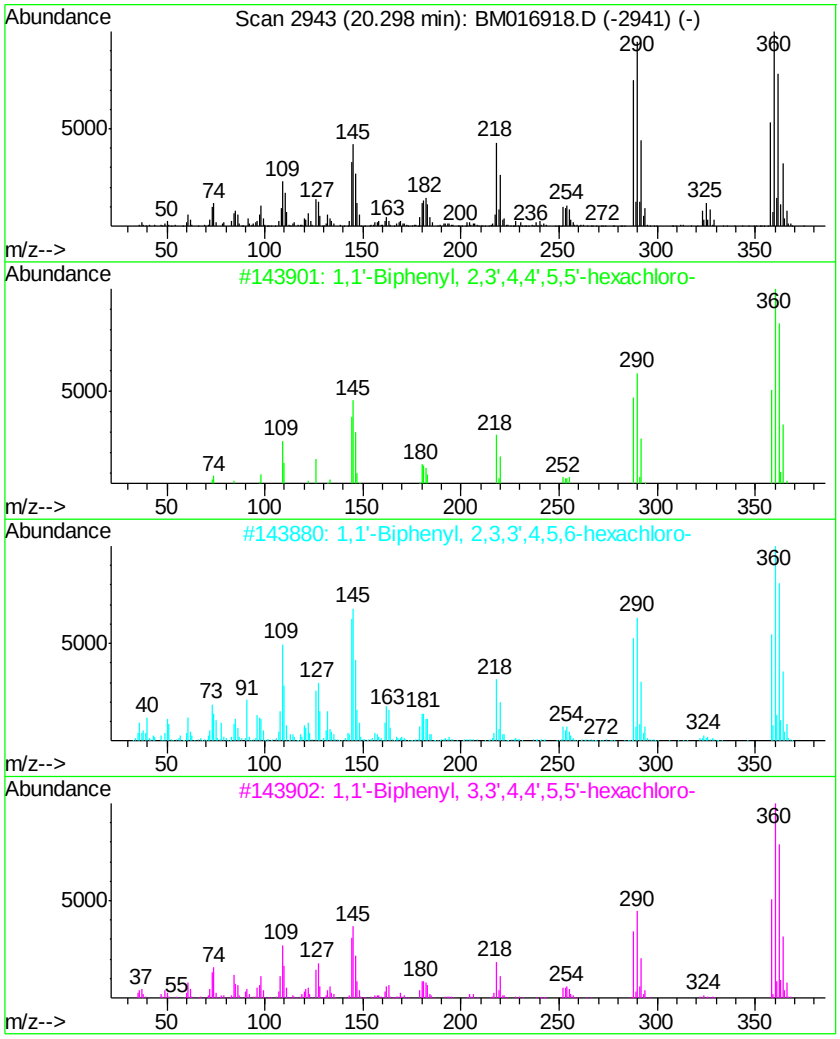
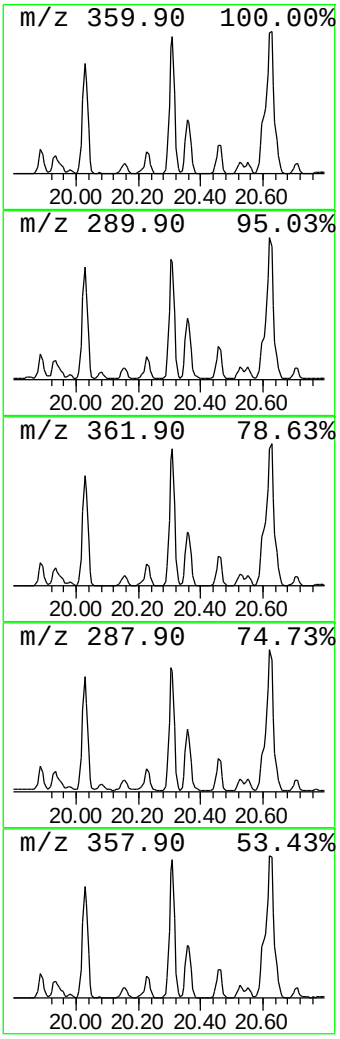
Peak Number 15 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	46.51 ng/ul	6902490	Chrysene-d12	21.30

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





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Quant Title : SVOA CALIBRATION

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

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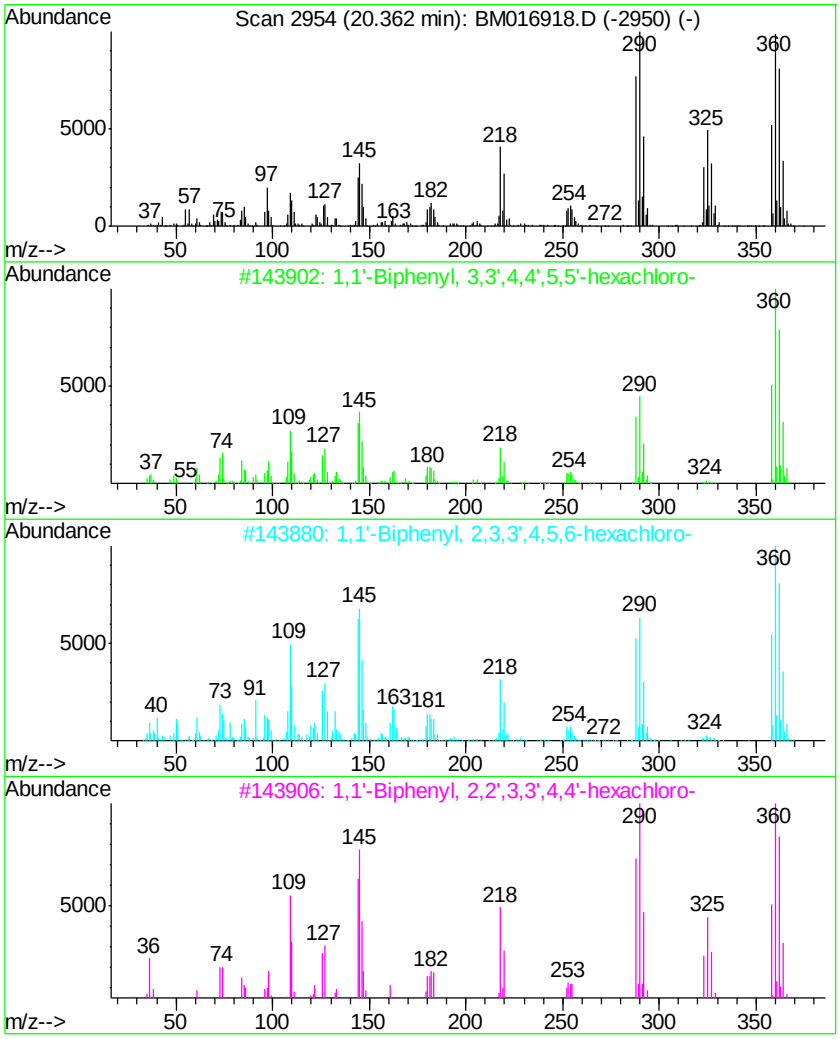
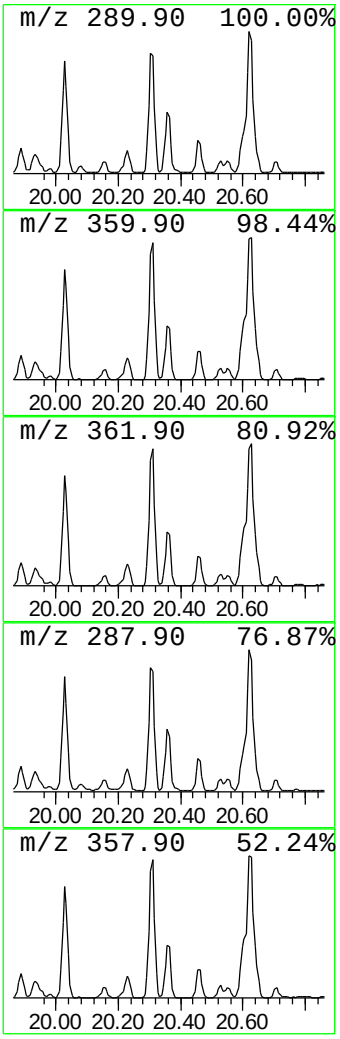
Peak Number 16 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	26.96 ng/ul	4001270	Chrysene-d12	21.30

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',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0B65

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Quant Title : SVOA CALIBRATION

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

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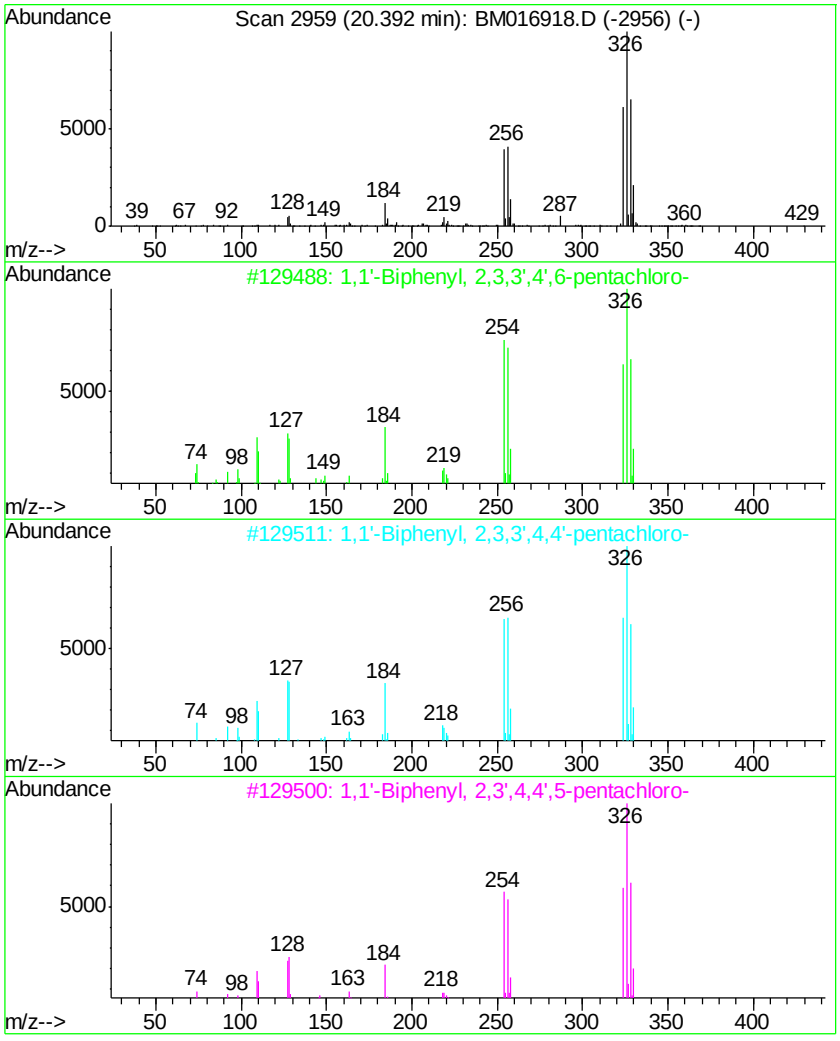
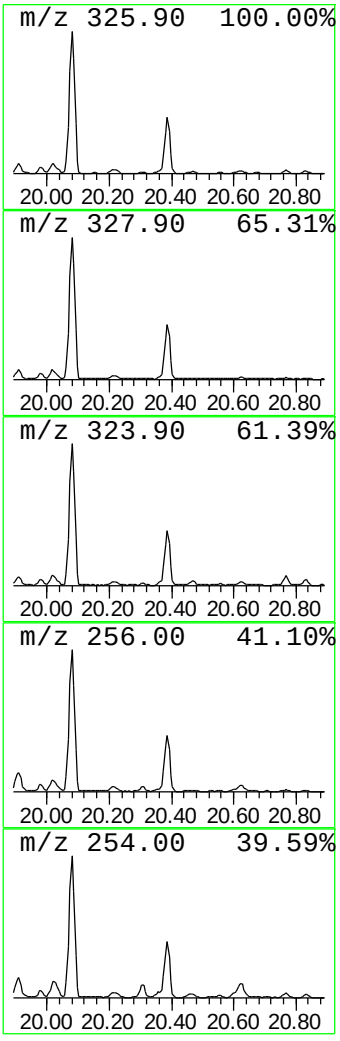
Peak Number 17 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	20.62 ng/ul	3060750	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96





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Instrument : BNA_M
ClientSampleId : C0B65

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Quant Title : SVOA CALIBRATION

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

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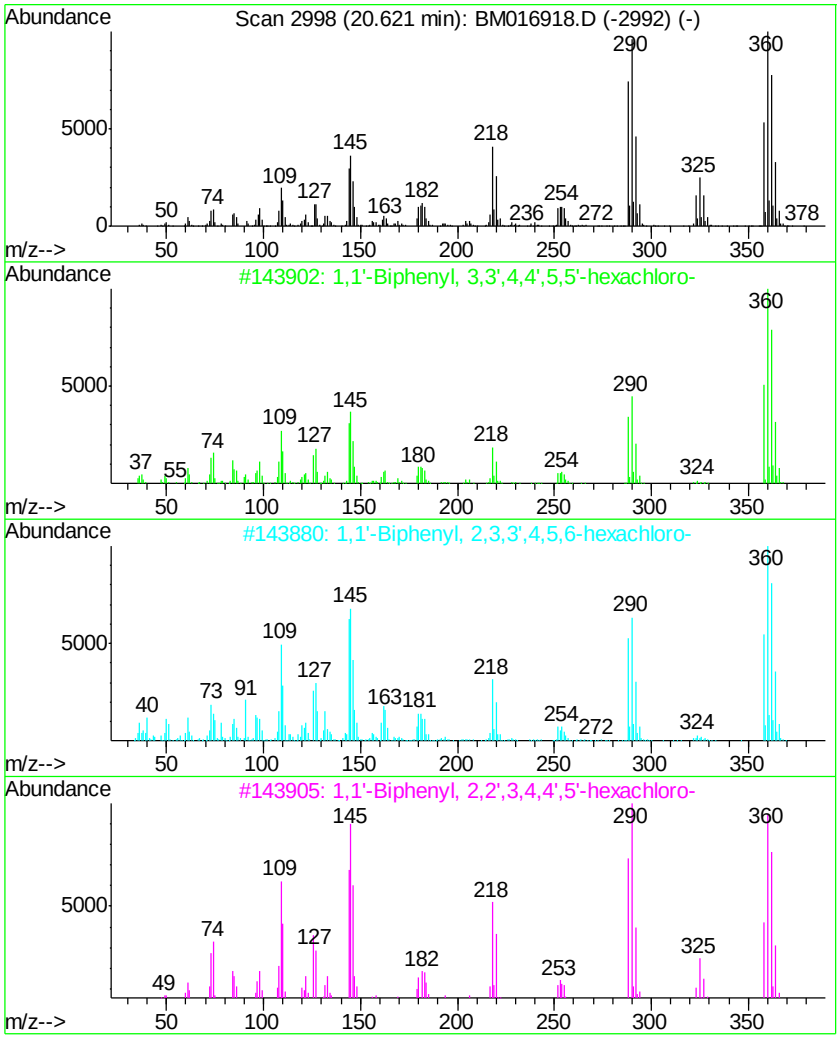
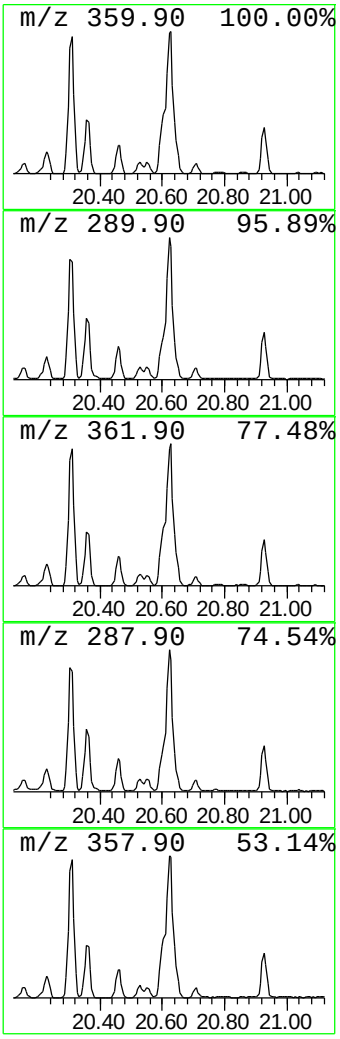
Peak Number 18 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	87.20 ng/ul	12942400	Chrysene-d12	21.30

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',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Library Search Compound Report

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Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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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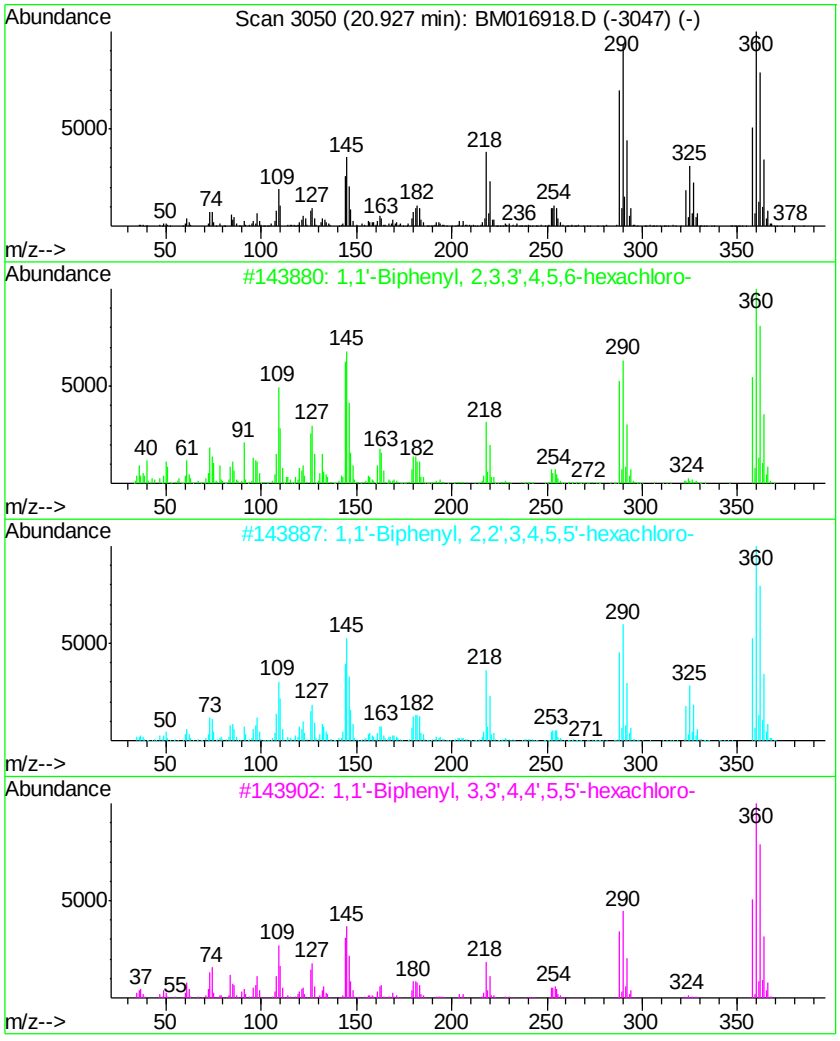
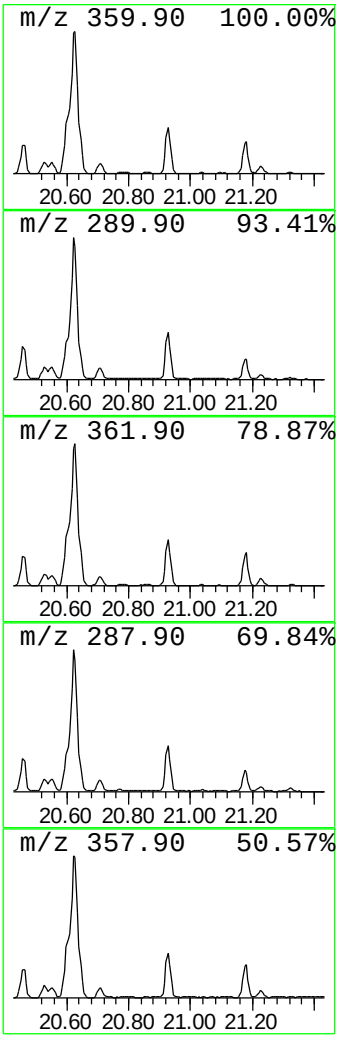
Peak Number 19 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	16.43 ng/ul	2438060	Chrysene-d12	21.30

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',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016918.D
Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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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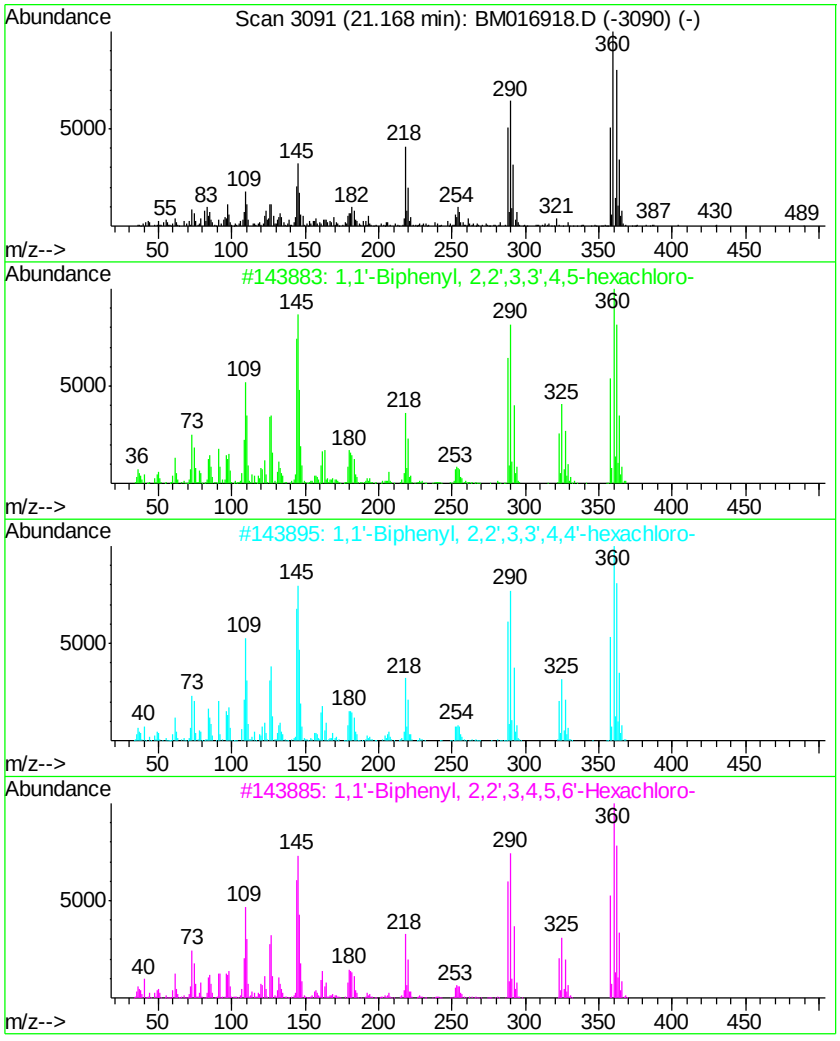
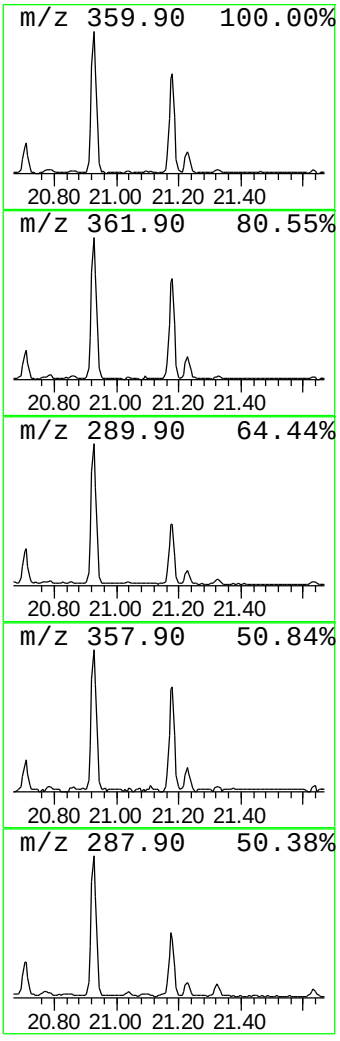
Peak Number 20 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	9.49 ng/ul	1407950	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99





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Data File : BM016918.D
Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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

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

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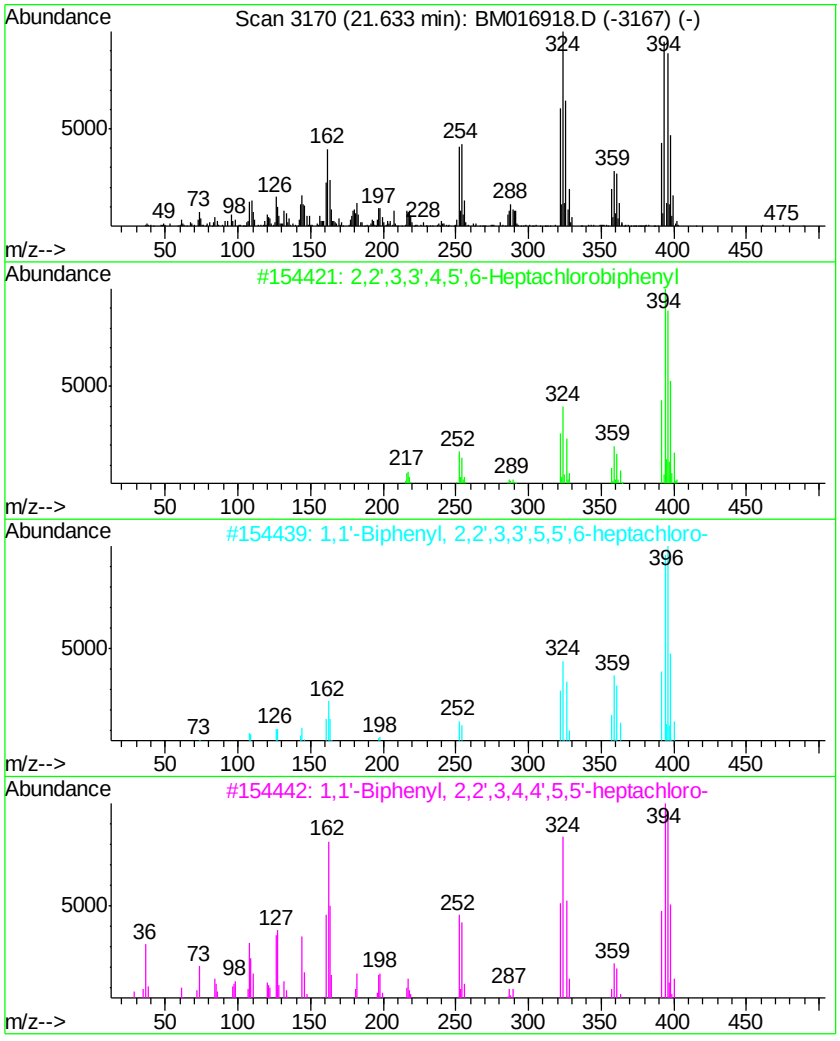
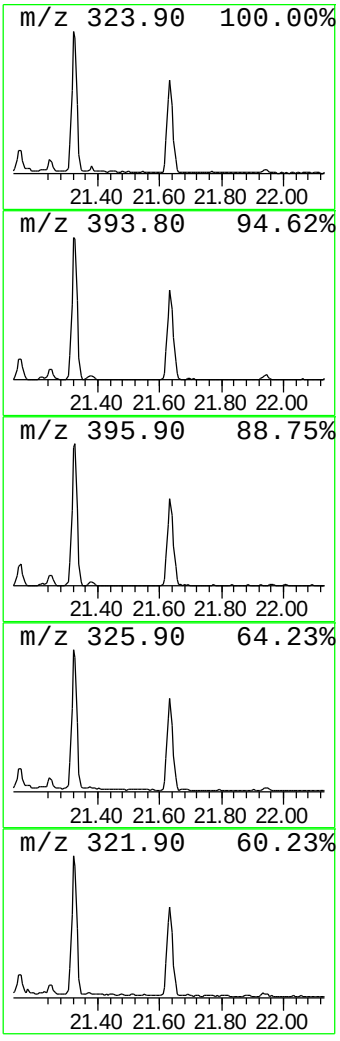
Peak Number 21 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	8.48 ng/ul	1258860	Chrysene-d12	21.30

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',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016918.D
Acq On : 01 Oct 2018 12:14
Operator : MJ/SJ
Sample : J5127-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B65

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	14.9	ng/ul	1475600	1	7.72	1981680	20.0
unknown-01	14.18	2.7	ng/ul	477853	3	14.35	3545640	20.0
unknown-02	14.89	2.4	ng/ul	421592	3	14.35	3545640	20.0
unknown-03	15.15	5.0	ng/ul	880357	3	14.35	3545640	20.0
(DEL) Alkane: Str...	16.10	16.1	ng/ul	2625090	4	17.10	3259590	20.0
(DEL) Alkane: Str...	16.93	16.2	ng/ul	2645890	4	17.10	3259590	20.0
1,1'-Biphenyl, 2,...	18.18	38.7	ng/ul	6300170	4	17.10	3259590	20.0
1,1'-Biphenyl, 2,...	19.03	67.0	ng/ul	10926100	4	17.10	3259590	20.0
1,1'-Biphenyl, 2,...	19.32	94.0	ng/ul	13952400	5	21.30	2968340	20.0
1,1'-Biphenyl, 2,...	19.58	24.9	ng/ul	3702670	5	21.30	2968340	20.0
1,1'-Biphenyl, 2,...	19.66	39.7	ng/ul	5891120	5	21.30	2968340	20.0
1,1'-Biphenyl, 2,...	19.76	81.7	ng/ul	12122800	5	21.30	2968340	20.0
1,1'-Biphenyl, 2,...	20.03	47.7	ng/ul	7081870	5	21.30	2968340	20.0
1,1'-Biphenyl, 2,...	20.08	59.3	ng/ul	8793470	5	21.30	2968340	20.0
1,1'-Biphenyl, 2,...	20.30	46.5	ng/ul	6902490	5	21.30	2968340	20.0
1,1'-Biphenyl, 3,...	20.36	27.0	ng/ul	4001270	5	21.30	2968340	20.0
1,1'-Biphenyl, 2,...	20.39	20.6	ng/ul	3060750	5	21.30	2968340	20.0
1,1'-Biphenyl, 3,...	20.62	87.2	ng/ul	12942400	5	21.30	2968340	20.0
1,1'-Biphenyl, 2,...	20.93	16.4	ng/ul	2438060	5	21.30	2968340	20.0
1,1'-Biphenyl, 2,...	21.17	9.5	ng/ul	1407950	5	21.30	2968340	20.0
2,2',3,3',4,5',6-...	21.63	8.5	ng/ul	1258860	5	21.30	2968340	20.0