LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107020.D
Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.184	479	484	491	rBV	63087	81491	1.61%	0.239%
2	5.548	542	546	554	rVB	124137	136563	2.70%	0.400%
3	5.619	554	558	573	rBV	395496	733478	14.52%	2.150%
4	5.801	586	589	593	rBV	147422	142614	2.82%	0.418%
5	6.613	721	727	745	rBV	420794	762709	15.10%	2.235%
6	6.737	745	748	752	rVV	685936	743002	14.71%	2.178%
7	6.954	781	785	788	rVB	481503	415951	8.24%	1.219%
8	7.107	808	811	815	rVB	751657	592610	11.73%	1.737%
9	7.513	877	880	887	rBV	422816	433649	8.59%	1.271%
10	8.236	999	1003	1014	rBV	550904	502253	9.94%	1.472%
11	9.307	1181	1185	1190	rBV	959438	803228	15.90%	2.354%
12	9.701	1247	1252	1259	rBV	66830	66918	1.32%	0.196%
13	9.995	1298	1302	1309	rVB	558834	495179	9.80%	1.451%
14	10.642	1410	1412	1416	rVB	93219	78464	1.55%	0.230%
15	10.789	1433	1437	1445	rBV	484104	442432	8.76%	1.297%
16	11.042	1477	1480	1484	rVB	203568	170309	3.37%	0.499%
17	11.407	1539	1542	1544	rBV	423320	345587	6.84%	1.013%
18	11.430	1544	1546	1549	rVB	142005	111791	2.21%	0.328%
19	11.489	1550	1556	1559	rBV	622373	606776	12.01%	1.778%
20	11.577	1566	1571	1577	rVB2	236240	240349	4.76%	0.704%
21	11.736	1594	1598	1600	rBV2	91005	79557	1.58%	0.233%
22	11.819	1608	1612	1617	rBV	539852	711241	14.08%	2.085%
23	11.895	1620	1625	1629	rBV2	299181	300896	5.96%	0.882%
24	11.972	1634	1638	1640	rBV	164684	151024	2.99%	0.443%
25	11.995	1640	1642	1645	rVB	89242	71646	1.42%	0.210%
26	12.095	1656	1659	1662	rBV	1138942	970051	19.21%	2.843%
27	12.130	1662	1665	1667	rVV	398127	313426	6.21%	0.919%
28	12.154	1667	1669	1673	rVB	180502	148296	2.94%	0.435%
29	12.266	1684	1688	1691	rBV	627567	543772	10.77%	1.594%
30	12.295	1691	1693	1696	rVV	104972	88885	1.76%	0.261%
31	12.330	1696	1699	1701	rVV	129492	132511	2.62%	0.388%
32	12.348	1701	1702	1704	rVV	116142	74922	1.48%	0.220%
33	12.371	1704	1706	1710	rVB	291358	222406	4.40%	0.652%
34	12.430	1714	1716	1719	rVB	79046	66073	1.31%	0.194%

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Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.566	1736	1739	1741	rVV	269313	250855	4.97%	0.735%
36	12.613	1741	1747	1753	rVV2	1259628	1983654	39.27%	5.814%
37	12.666	1753	1756	1759	rVB	193715	165543	3.28%	0.485%
38	12.707	1759	1763	1766	rBV	77178	76441	1.51%	0.224%
39	12.742	1766	1769	1774	rVV2	313119	496706	9.83%	1.456%
40	12.789	1774	1777	1781	rVV	1437661	1531493	30.32%	4.489%
41	12.830	1781	1784	1788	rVB	604449	482737	9.56%	1.415%
42	12.913	1795	1798	1800	rBV2	99344	92056	1.82%	0.270%
43	12.960	1800	1806	1809	rVV2	494120	521381	10.32%	1.528%
44	13.013	1809	1815	1817	rVV	740870	711836	14.09%	2.086%
45	13.042	1817	1820	1822	rVV	257959	223619	4.43%	0.655%
46	13.083	1822	1827	1830	rVV2	1501683	2083177	41.25%	6.106%
47	13.160	1836	1840	1841	rBV2	189467	174004	3.45%	0.510%
48	13.177	1841	1843	1849	rVV2	200939	303432	6.01%	0.889%
49	13.224	1849	1851	1853	rVV	77841	65027	1.29%	0.191%
50	13.254	1853	1856	1859	rVV	805445	719273	14.24%	2.108%
51	13.295	1859	1863	1866	rVV	1168028	1037505	20.54%	3.041%
52	13.336	1866	1870	1873	rVB	111796	96119	1.90%	0.282%
53	13.389	1874	1879	1884	rVB3	177699	210870	4.18%	0.618%
54	13.442	1884	1888	1891	rBV	785738	709960	14.06%	2.081%
55	13.477	1891	1894	1896	rVV	460638	414666	8.21%	1.215%
56	13.501	1896	1898	1901	rVV	573438	441054	8.73%	1.293%
57	13.542	1901	1905	1909	rVB2	383384	376918	7.46%	1.105%
58	13.595	1911	1914	1915	rVV	88820	74862	1.48%	0.219%
59	13.613	1915	1917	1919	rVB	105188	81141	1.61%	0.238%
60	13.660	1919	1925	1930	rBV	918451	1179203	23.35%	3.456%
61	13.718	1932	1935	1937	rVV	81580	65658	1.30%	0.192%
62	13.771	1940	1944	1947	rVV	955214	921070	18.24%	2.700%
63	13.871	1958	1961	1967	rBV2	300887	305392	6.05%	0.895%
64	13.948	1970	1974	1978	rVV2	152208	172977	3.42%	0.507%
65	13.989	1978	1981	1984	rVV2	65469	58476	1.16%	0.171%
66	14.054	1990	1992	1995	rVB	140728	122832	2.43%	0.360%
67	14.113	1995	2002	2005	rBV	2857150	5050690	100.00%	14.803%
68	14.148	2005	2008	2015	rVB	557821	726081	14.38%	2.128%
69	14.383	2046	2048	2053	rVB2	98388	103098	2.04%	0.302%
70	15.689	2266	2270	2275	rVB	235820	309246	6.12%	0.906%

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 34119111

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
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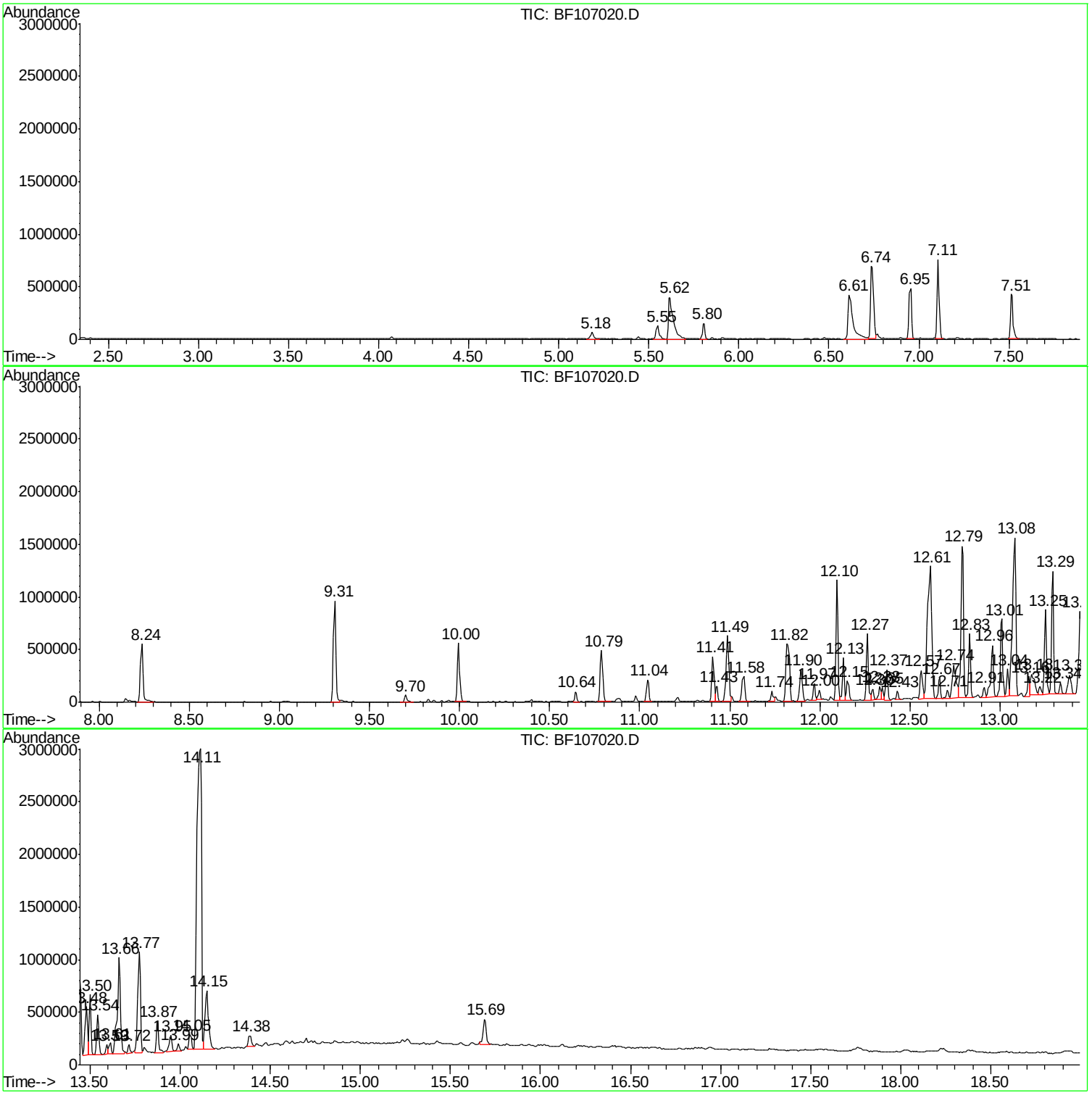
Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107020.D
Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

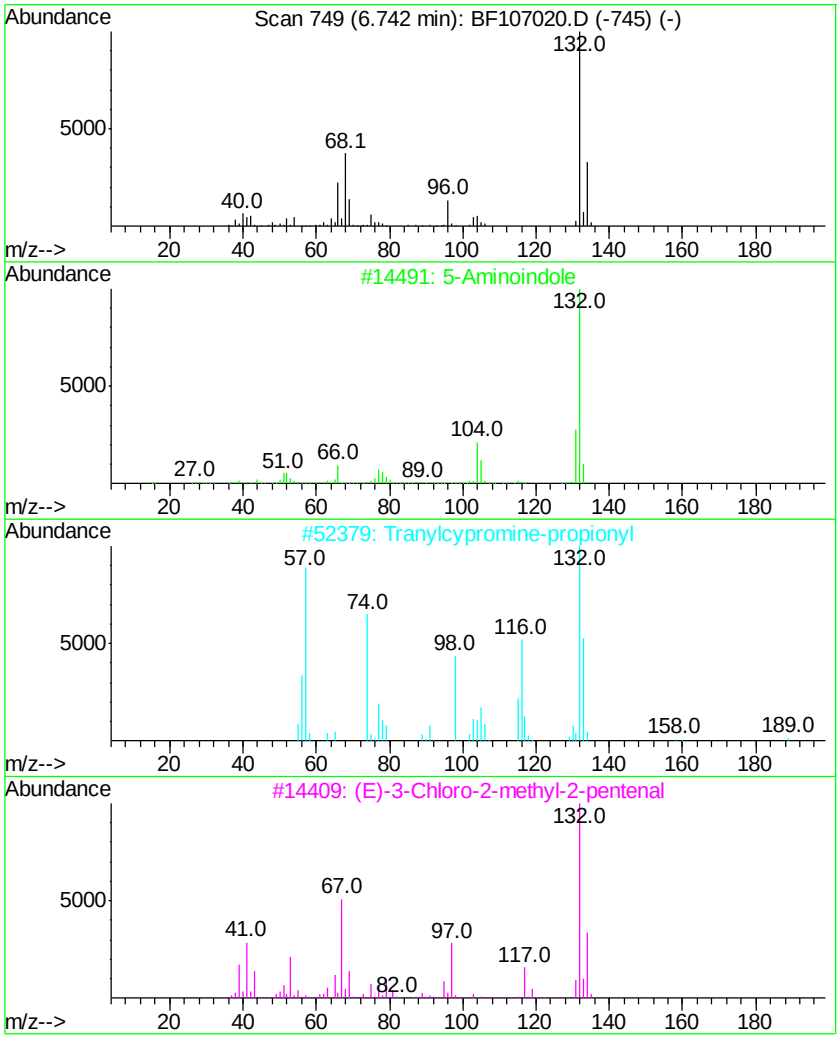
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

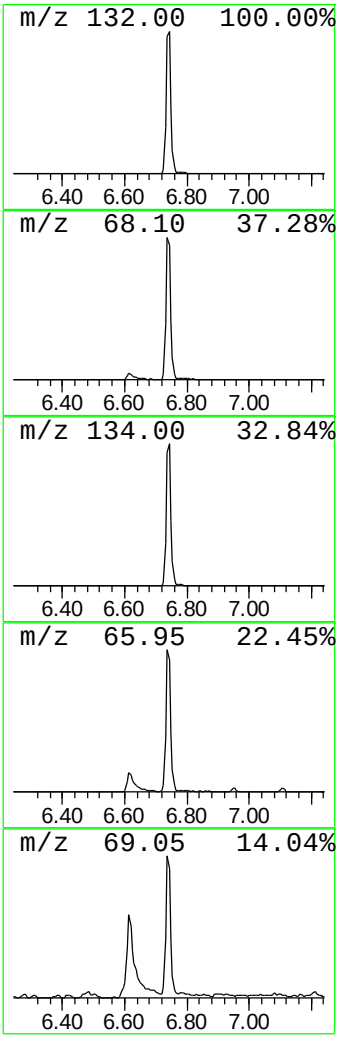
****

Peak Number 1 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	35.73 ng	743002	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107020.D
Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

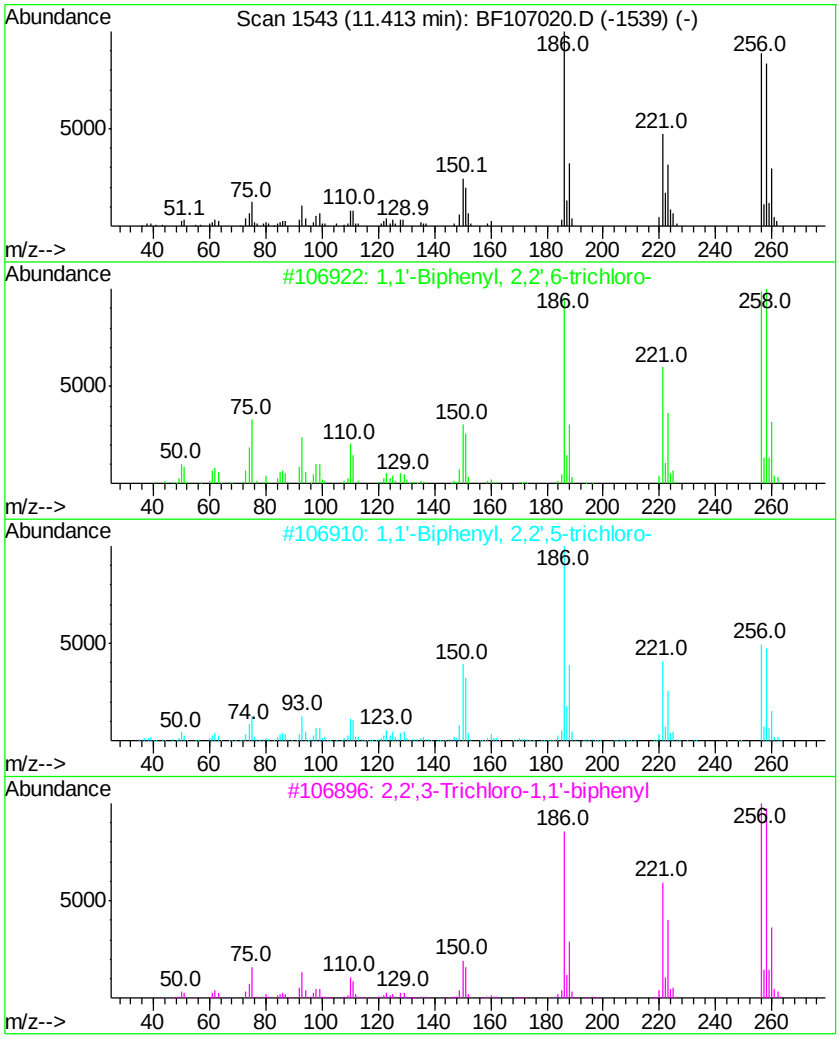
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

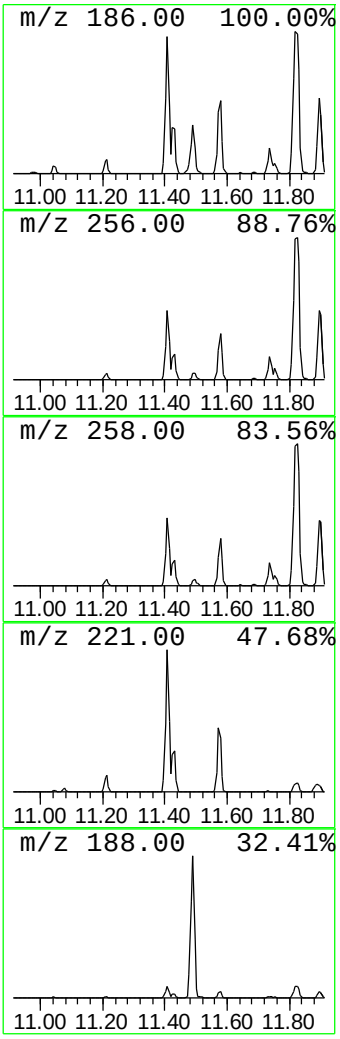
****

Peak Number 3 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	11.39 ng	345587	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107020.D
Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

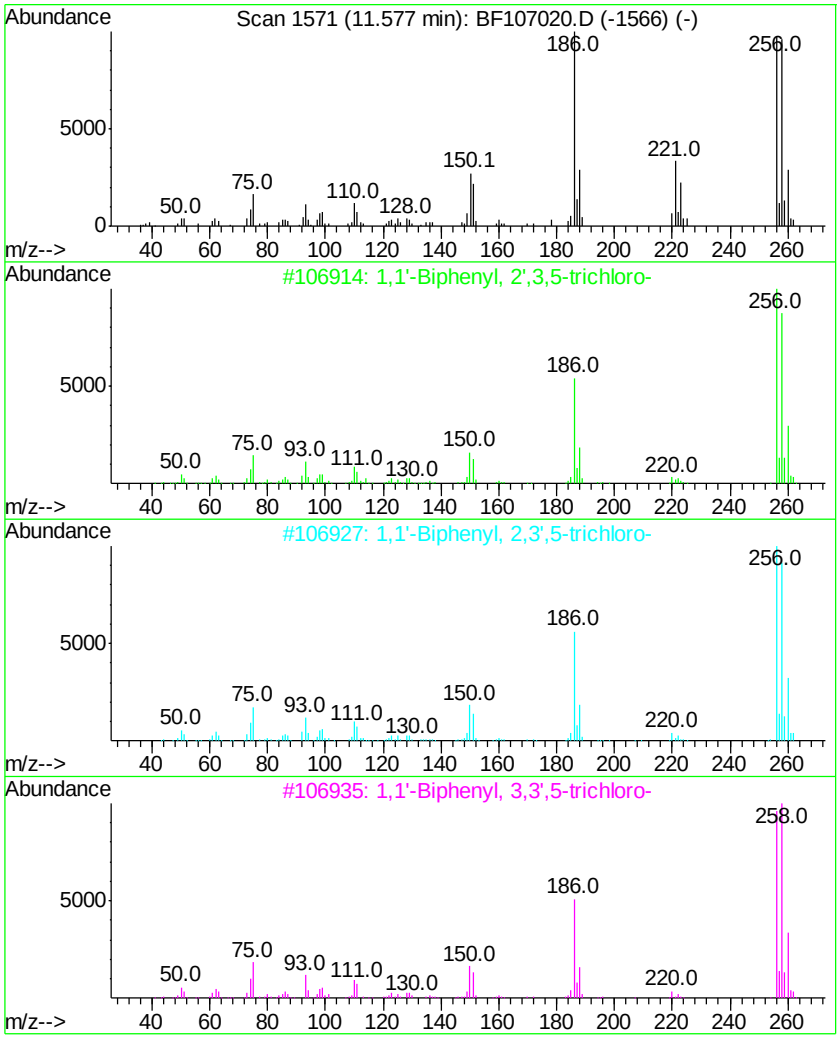
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

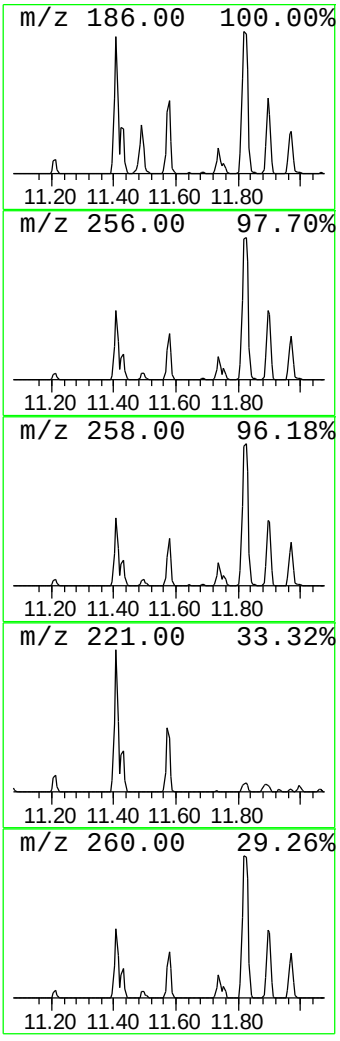
****

Peak Number 4 1,1'-Biphenyl, 2',3,5-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	7.92 ng	240349	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





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TIC Library : C:\DATABASE\NIST11.L
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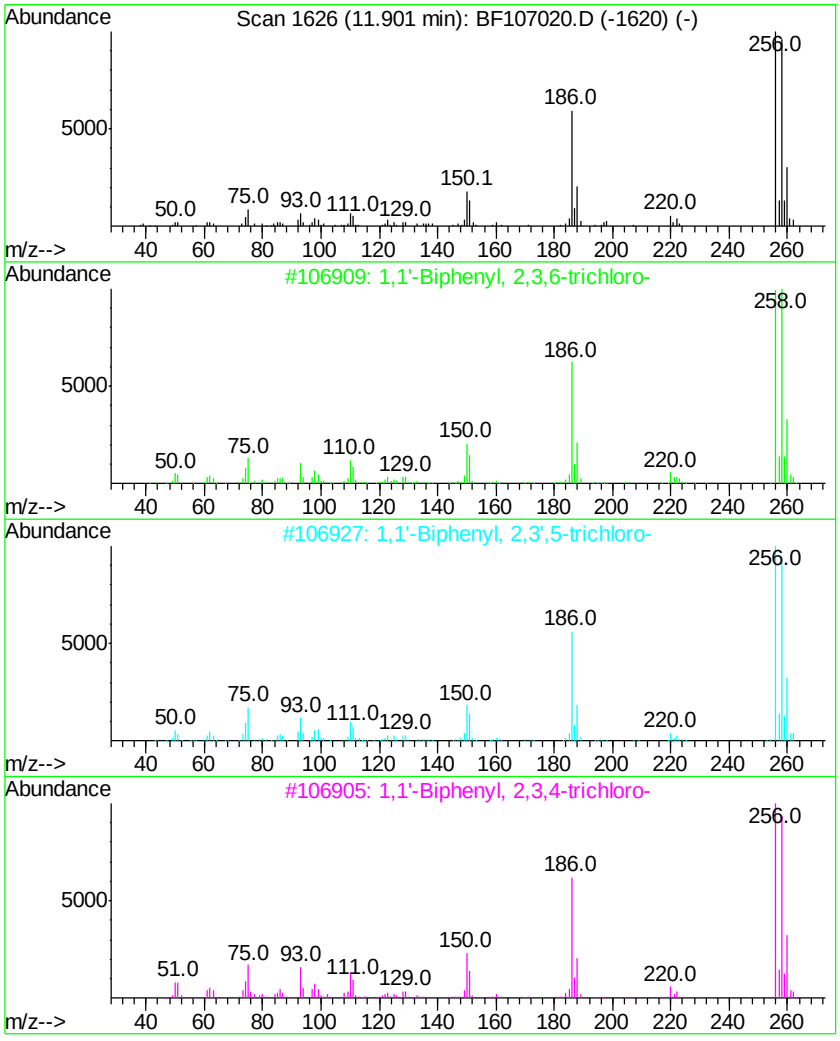
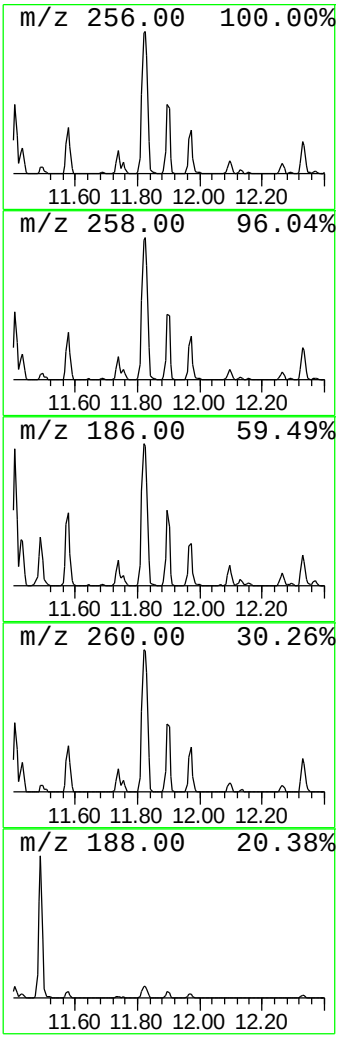
Peak Number 6 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	9.92 ng	300896	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

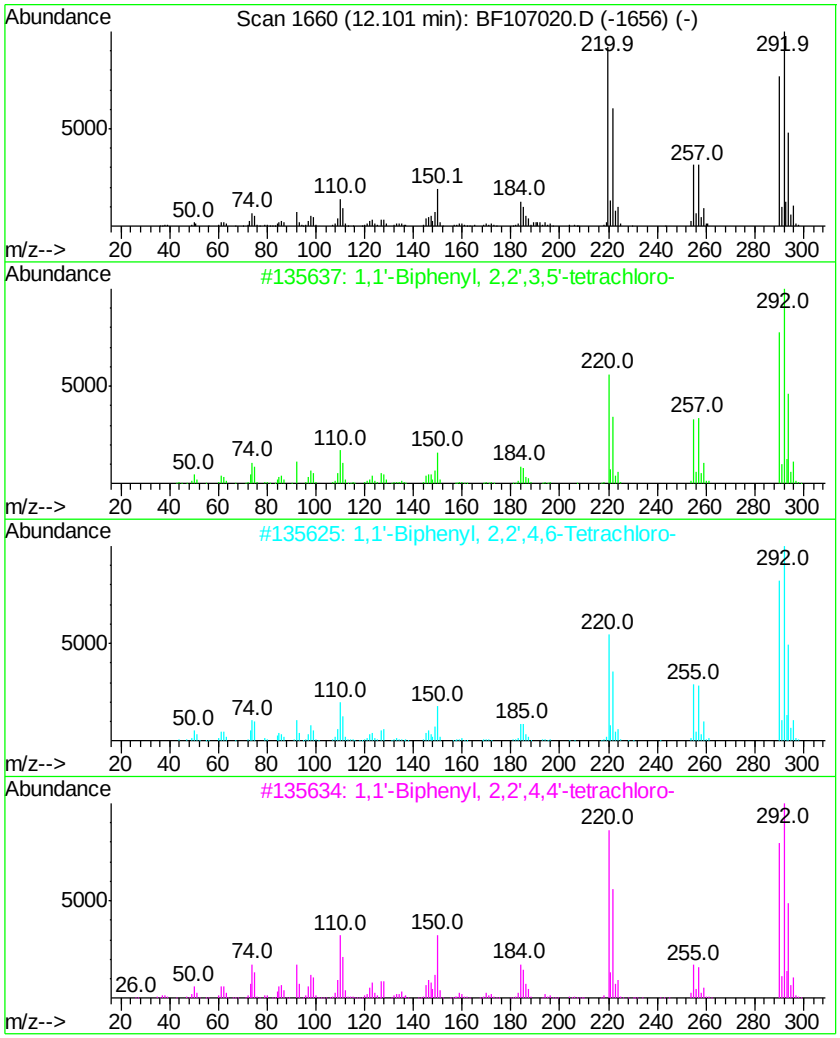
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

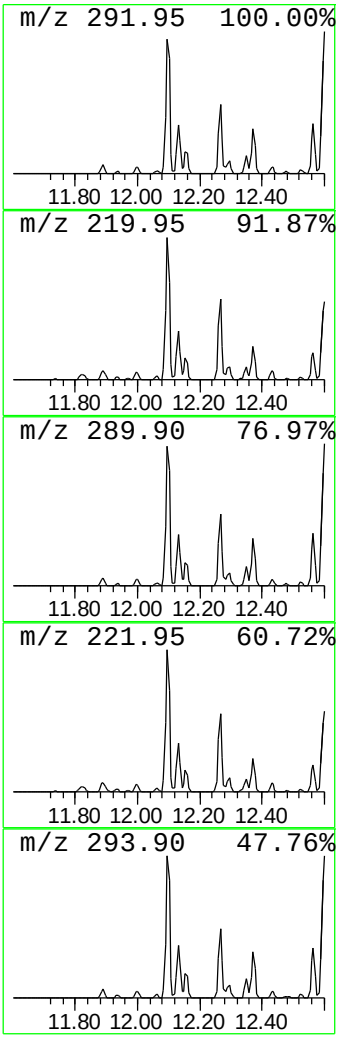
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	31.97 ng	970051	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

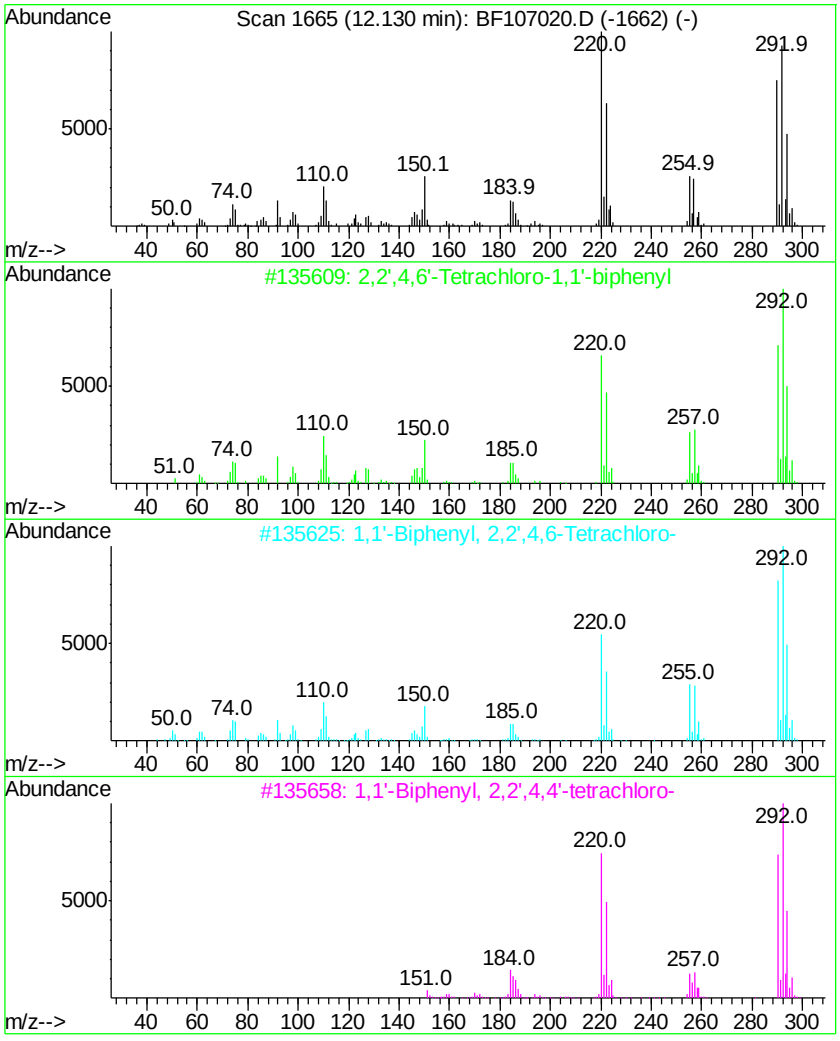
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

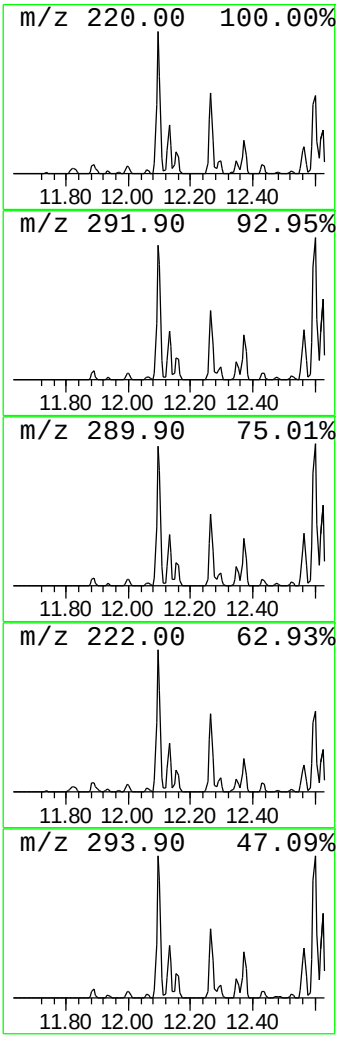
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	10.33 ng	313426	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





Library Search Compound Report

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Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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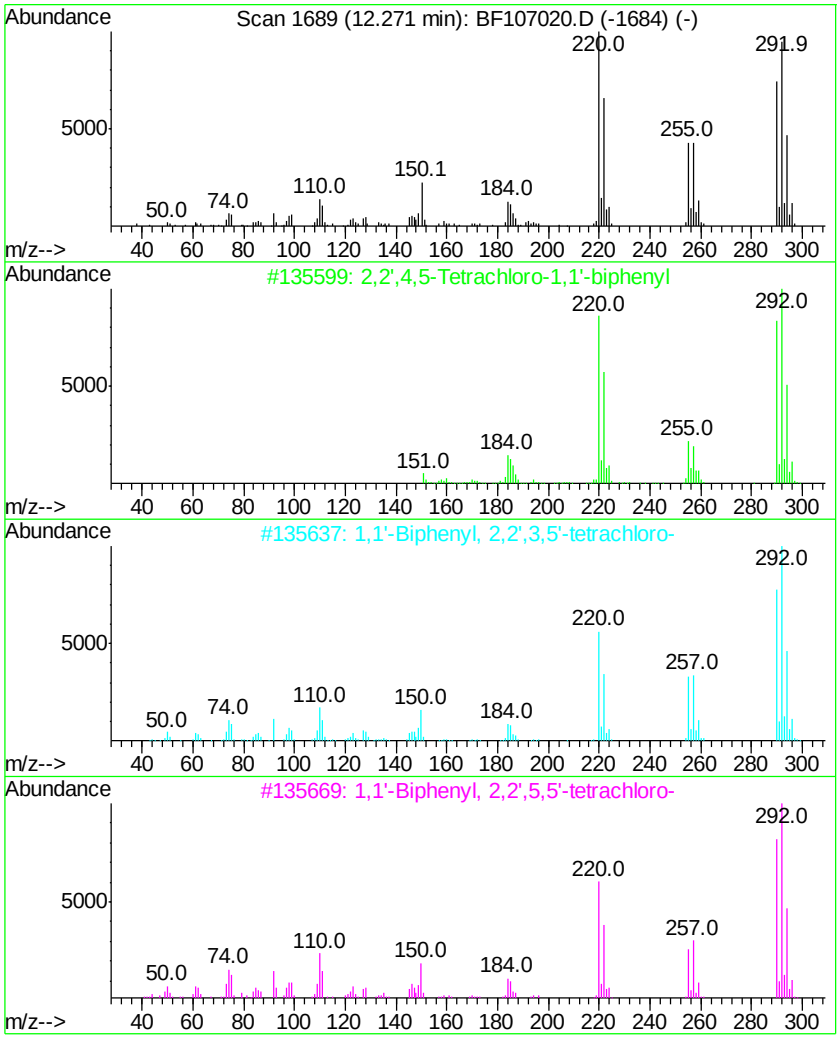
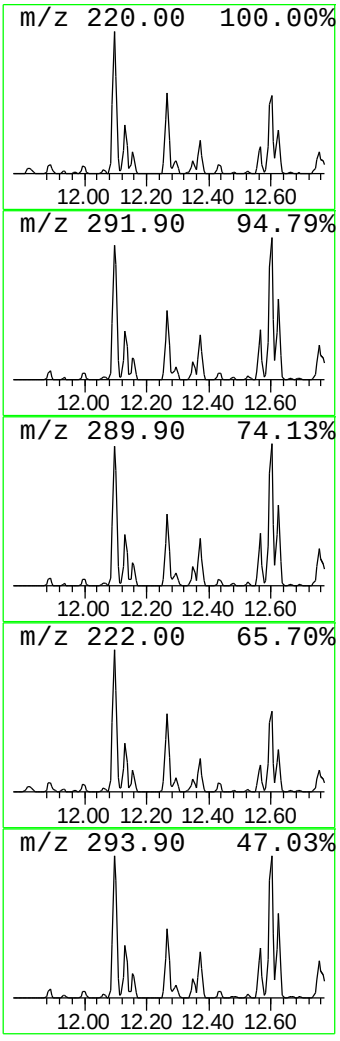
Peak Number 9 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	17.92 ng	543772	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





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Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

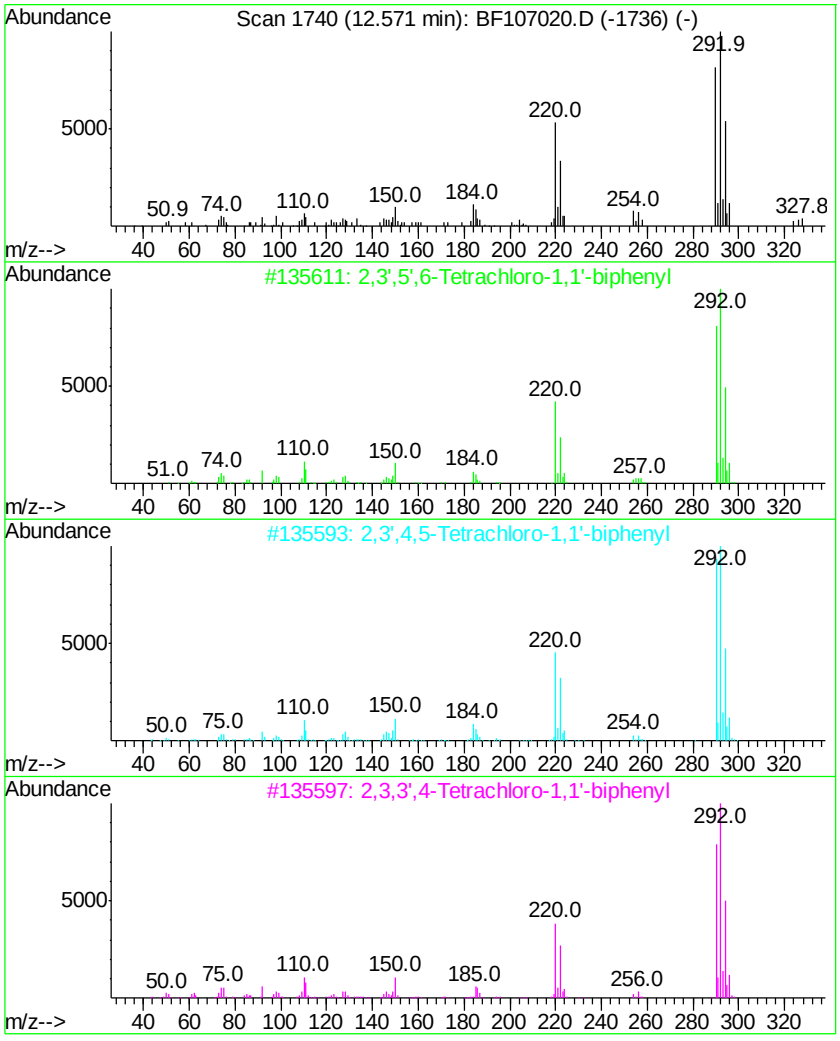
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

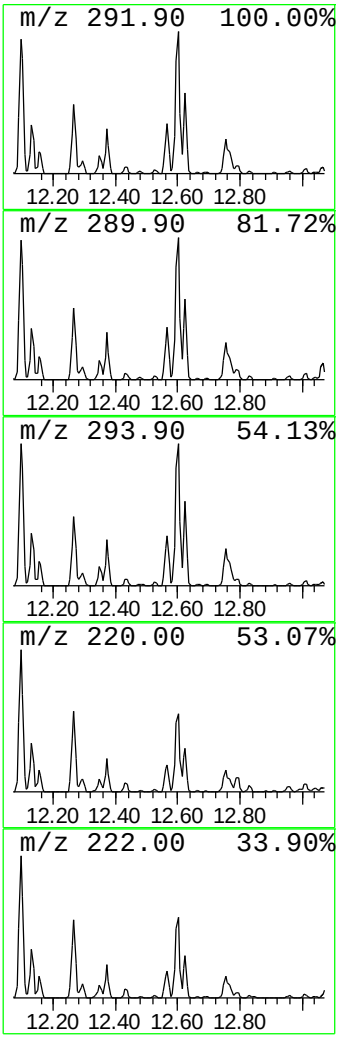
****

Peak Number 10 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	8.27 ng	250855	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
2	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
3	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99





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Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

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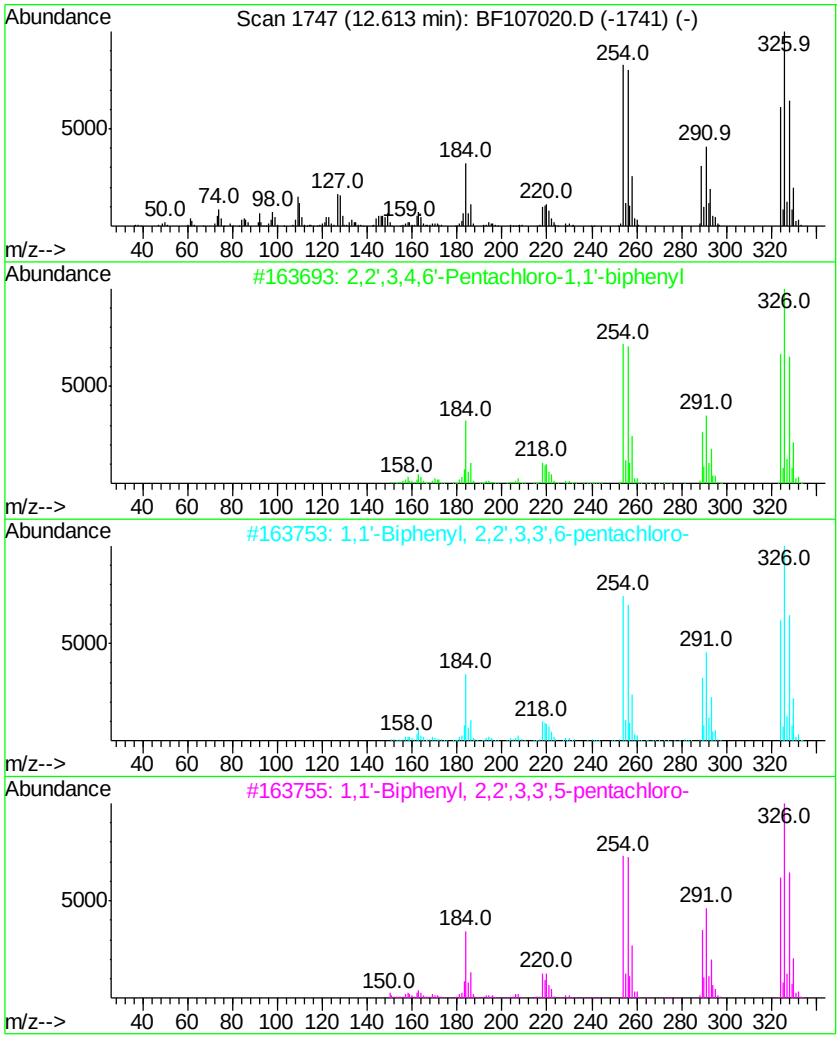
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

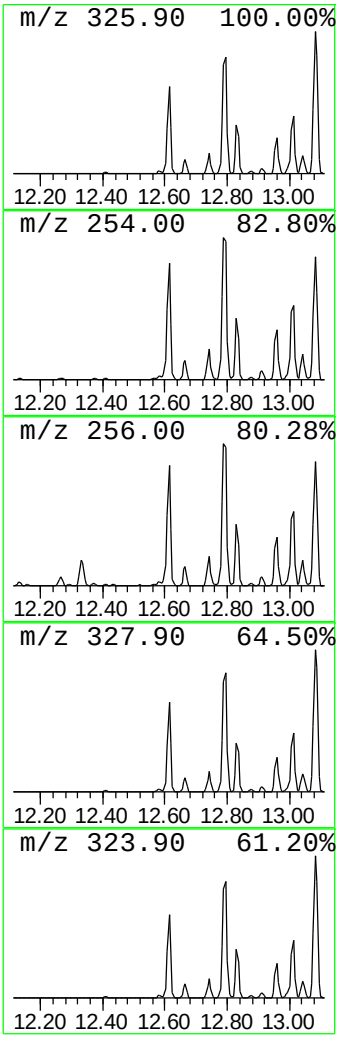
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	65.38 ng	1983650	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
4	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99





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Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

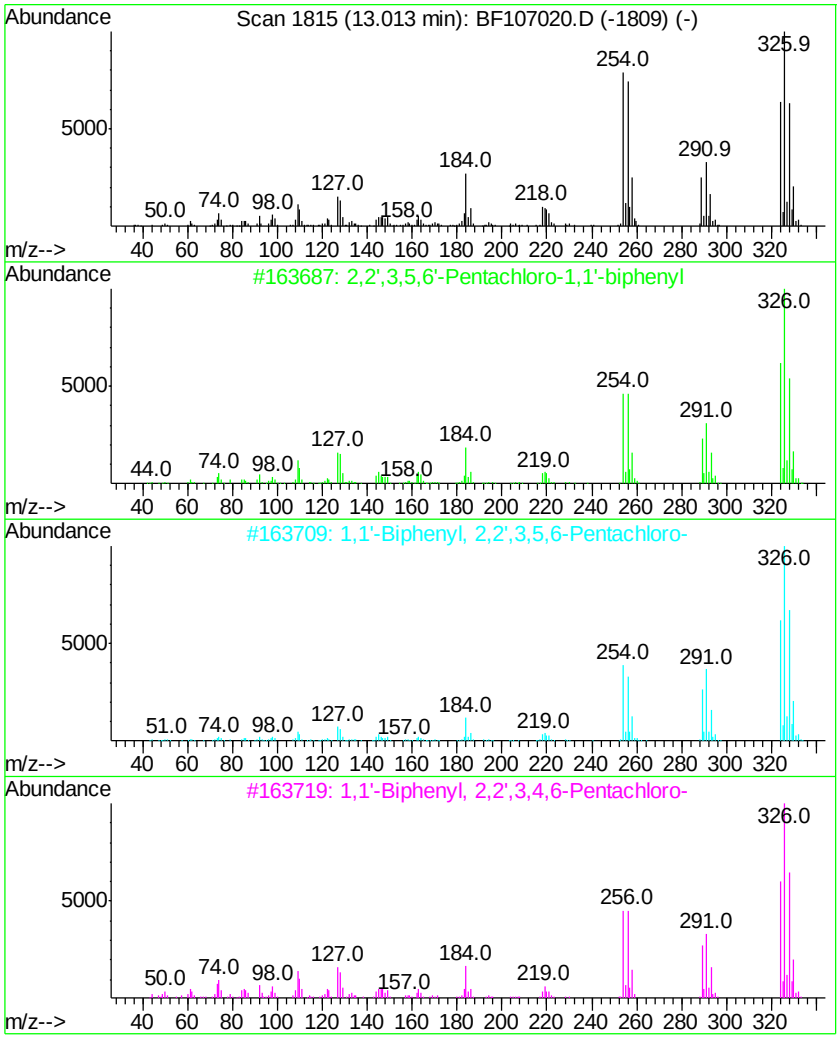
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

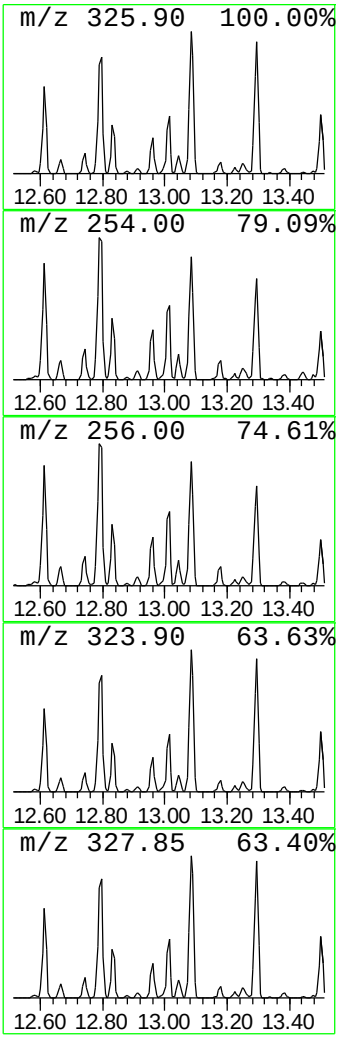
****

Peak Number 12 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	19.61 ng	711836	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
2	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
3	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99





Library Search Compound Report

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Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : A0C2-03

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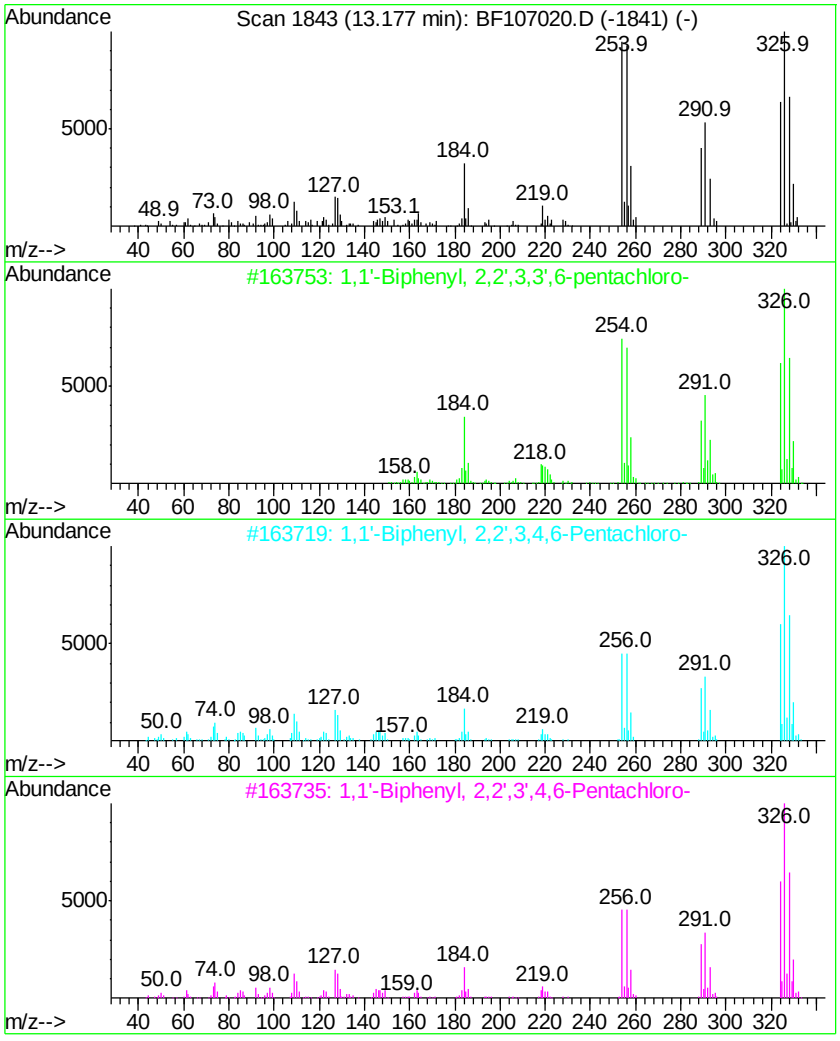
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

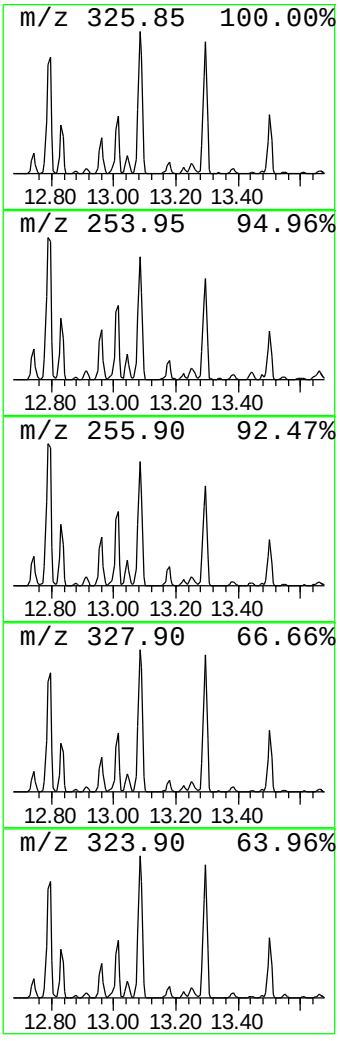
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	8.36 ng	303432	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	96
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	96
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96
4	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	96
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	96





Library Search Compound Report

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Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

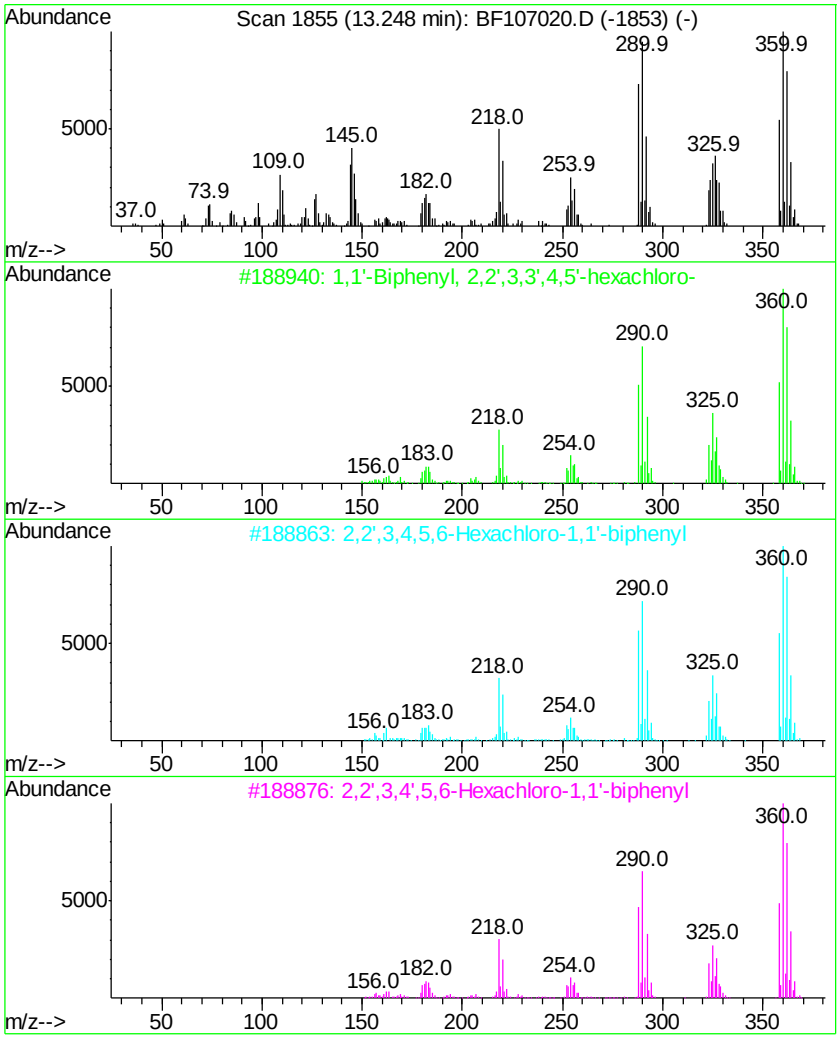
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

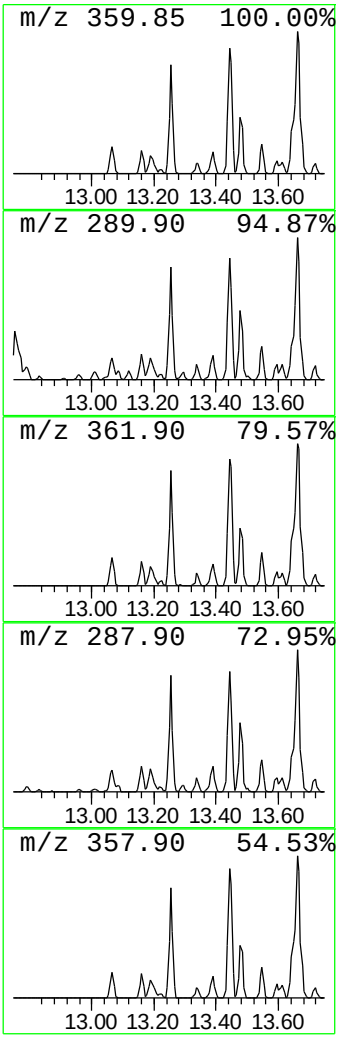
****

Peak Number 14 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	19.81 ng	719273	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
2	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
3	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99





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Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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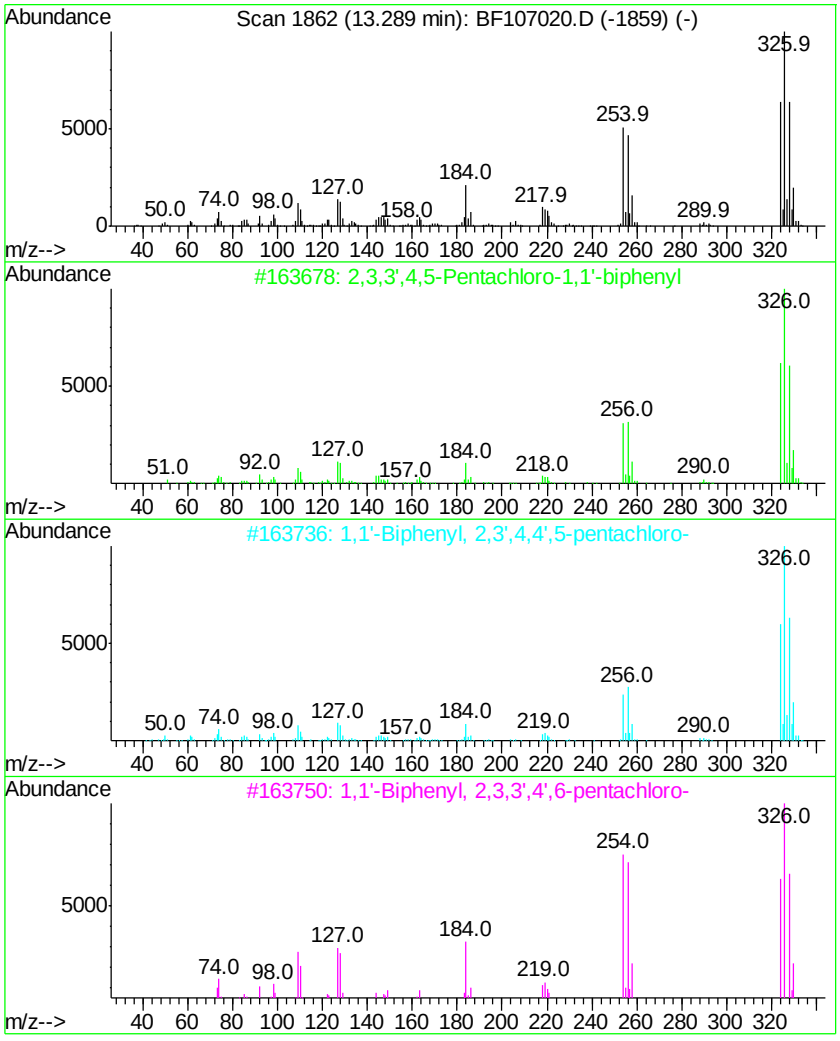
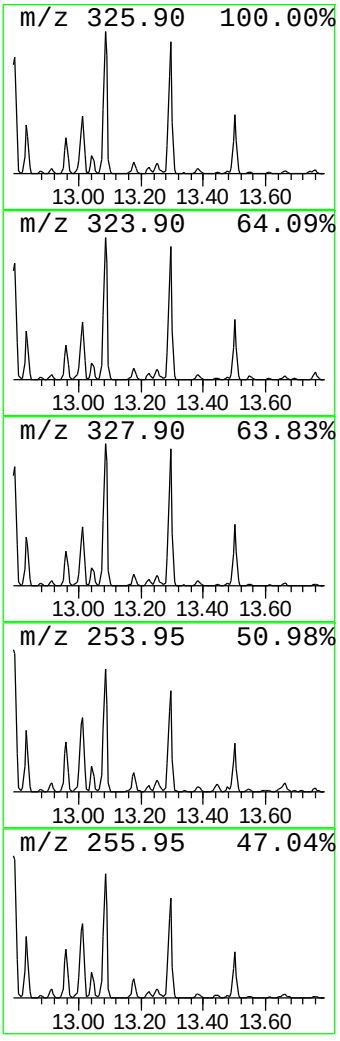
Peak Number 15 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	28.58 ng	1037510	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
2	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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99





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Operator : JU/SJ
Sample : J3629-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : A0C2-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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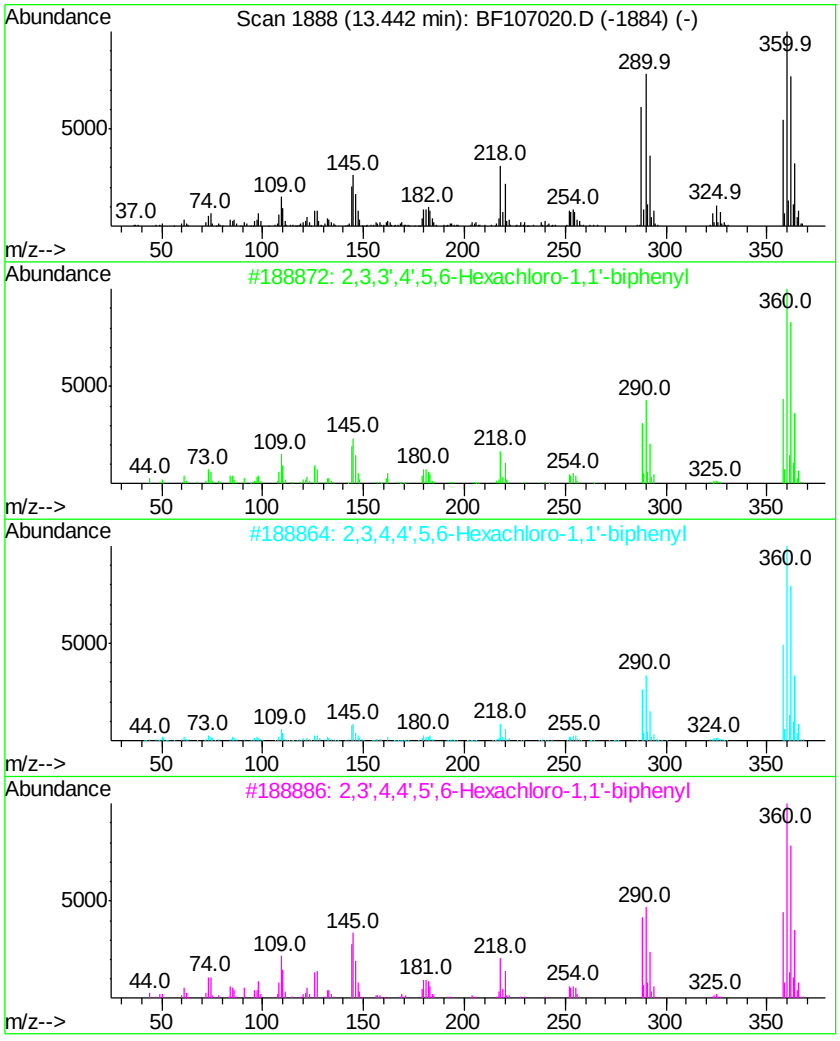
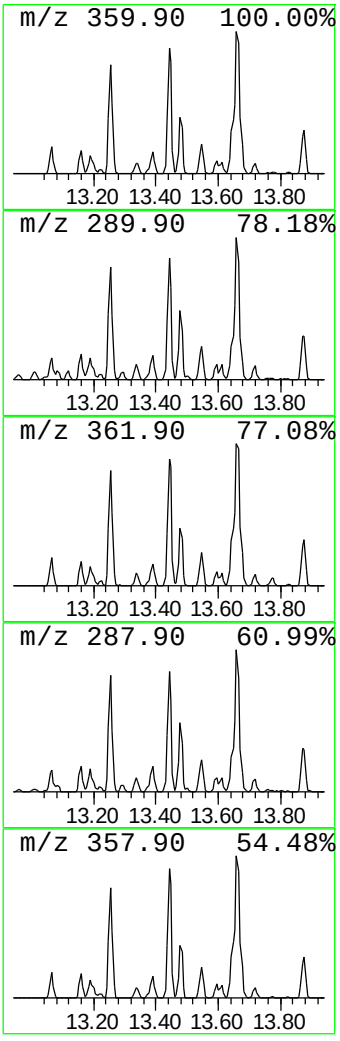
Peak Number 16 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	19.56 ng	709960	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





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Misc :
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Instrument : BNA_F
ClientSampleId : A0C2-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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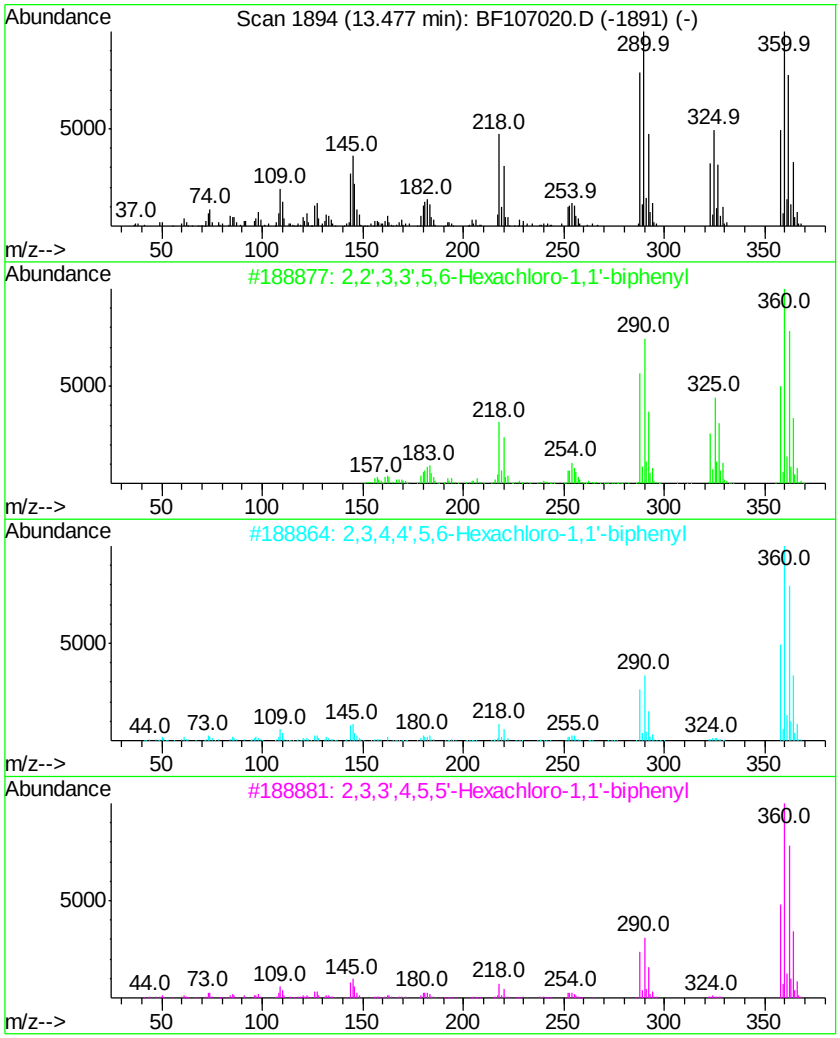
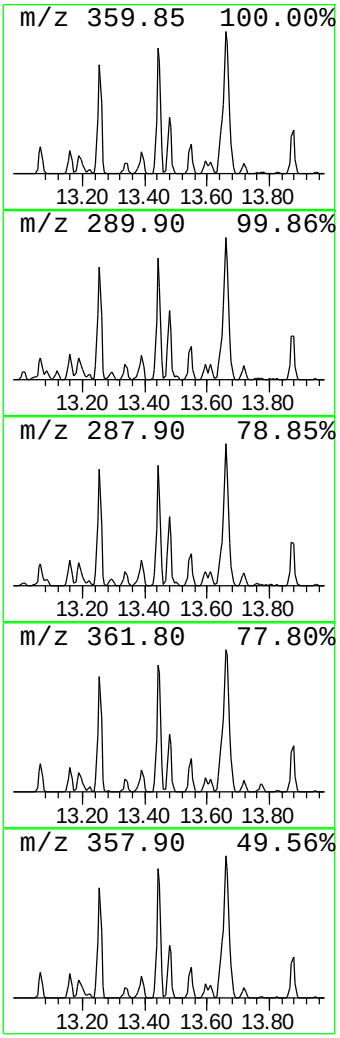
Peak Number 17 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	11.42 ng	414666	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

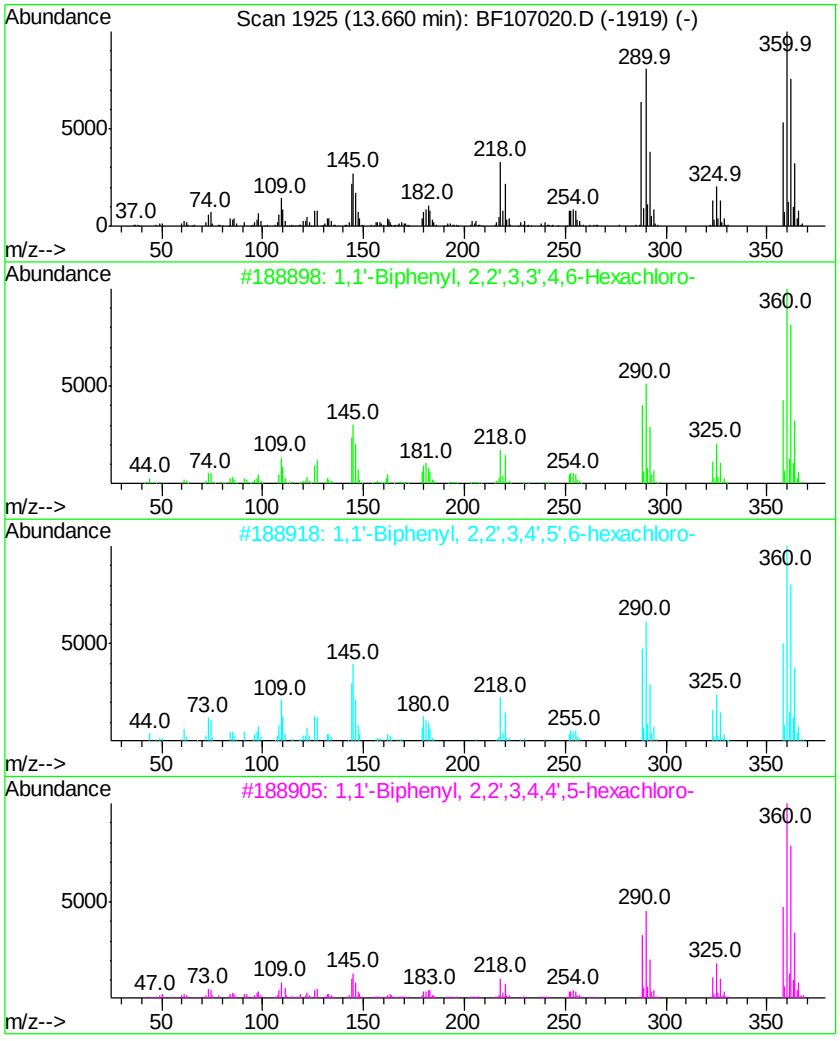
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

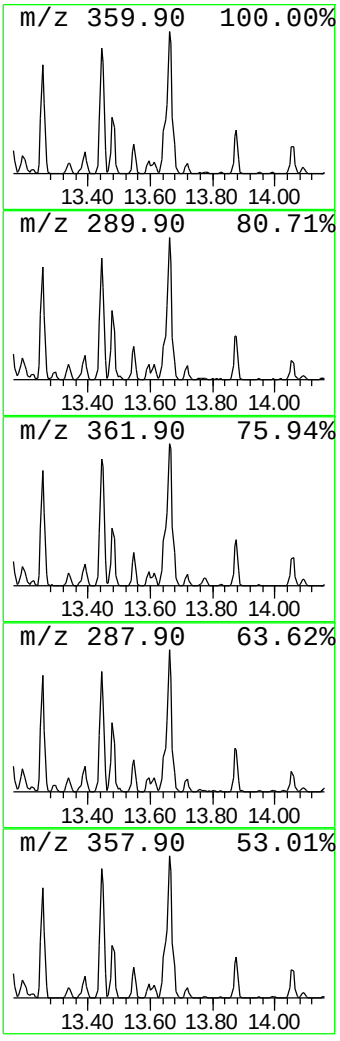
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	32.48 ng	1179200	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99





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Data File : BF107020.D
Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

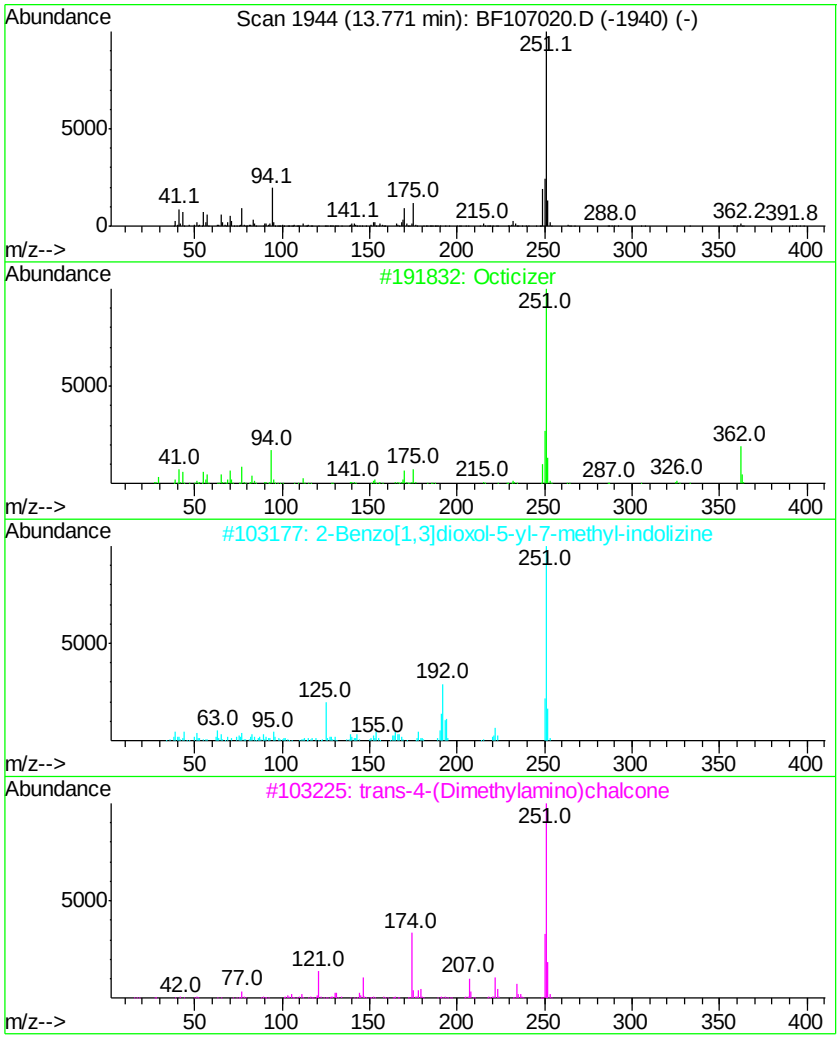
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

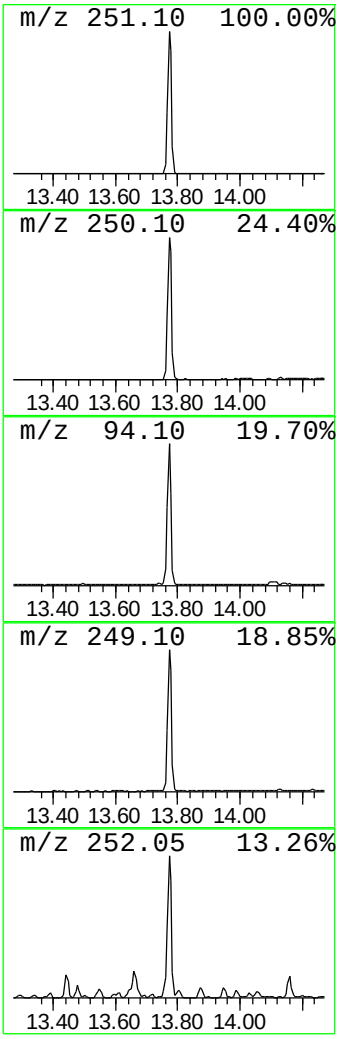
****

Peak Number 19 Octicizer Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	25.37 ng	921070	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octicizer	362	C20H27O4P	001241-94-7	96
2	2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	50
3	trans-4-(Dimethylamino)chalcone	251	C17H17NO	022965-98-6	50
4	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	46
5	7-Amino-2,3-dihydro-5-phenyl-1H-...	251	C15H13N3O	004928-02-3	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107020.D
Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

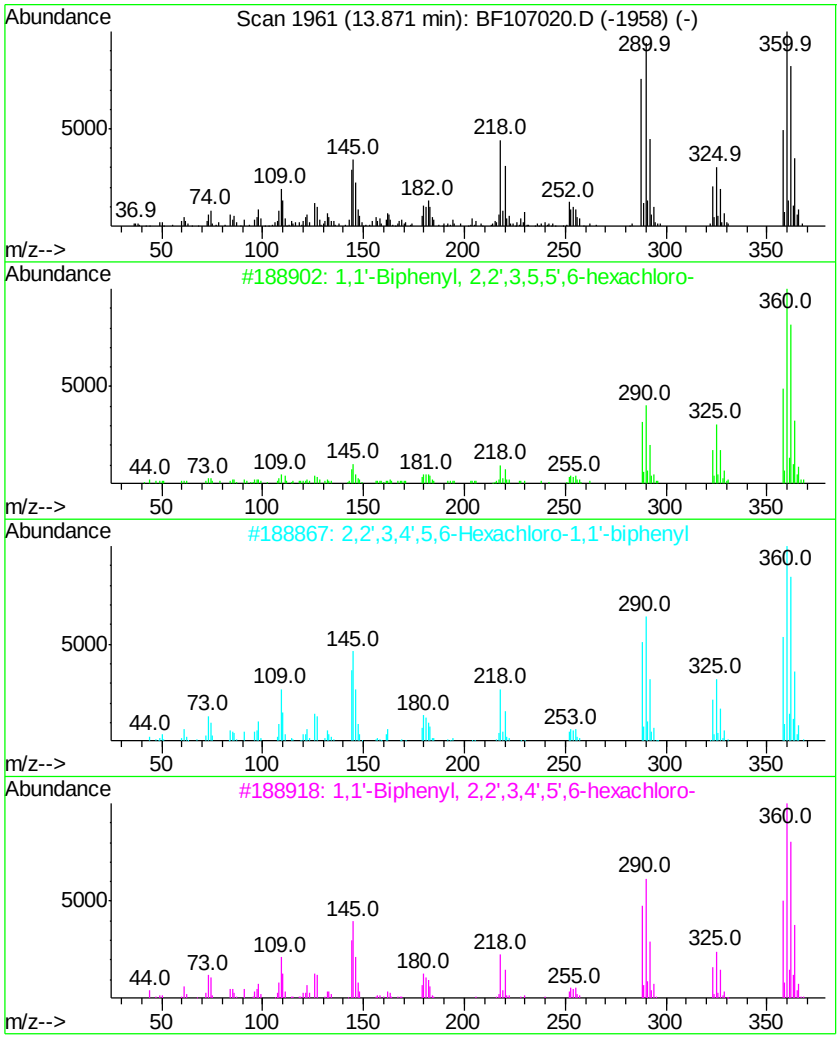
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

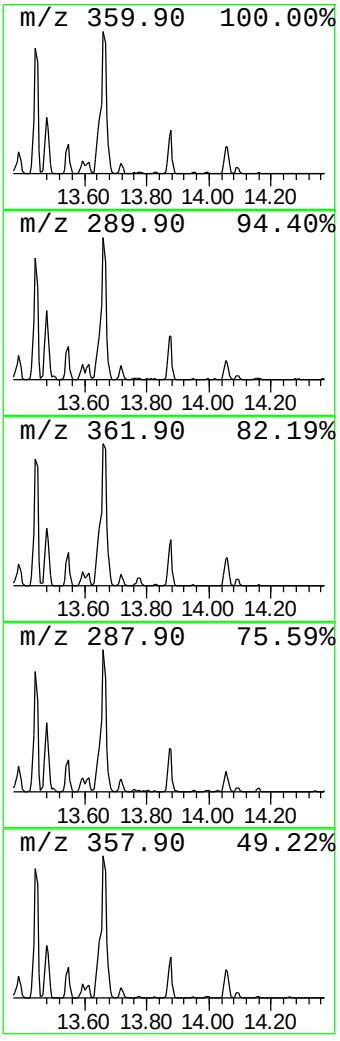
****

Peak Number 20 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.41 ng	305392	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF063018\
Data File : BF107020.D
Acq On : 30 Jun 2018 17:43
Operator : JU/SJ
Sample : J3629-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C2-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.74	6.74	35.7	ng	743002	1	6.95	415951	20.0
1,1'-Biphenyl, 2,...	11.41	11.4	ng	345587	4	11.49	606776	20.0
1,1'-Biphenyl, 2'...	11.58	7.9	ng	240349	4	11.49	606776	20.0
1,1'-Biphenyl, 2,...	11.90	9.9	ng	300896	4	11.49	606776	20.0
1,1'-Biphenyl, 2,...	12.10	32.0	ng	970051	4	11.49	606776	20.0
2,2',4,6'-Tetrach...	12.13	10.3	ng	313426	4	11.49	606776	20.0
2,2',4,5-Tetrachl...	12.27	17.9	ng	543772	4	11.49	606776	20.0
2,3',5',6-Tetrach...	12.57	8.3	ng	250855	4	11.49	606776	20.0
2,2',3,4,6'-Penta...	12.61	65.4	ng	1983650	4	11.49	606776	20.0
2,2',3,5,6'-Penta...	13.01	19.6	ng	711836	5	14.15	726081	20.0
1,1'-Biphenyl, 2,...	13.18	8.4	ng	303432	5	14.15	726081	20.0
1,1'-Biphenyl, 2,...	13.25	19.8	ng	719273	5	14.15	726081	20.0
2,3,3',4,5-Pentac...	13.29	28.6	ng	1037510	5	14.15	726081	20.0
2,3,3',4',5,6-Hex...	13.44	19.6	ng	709960	5	14.15	726081	20.0
2,2',3,3',5,6-Hex...	13.48	11.4	ng	414666	5	14.15	726081	20.0
1,1'-Biphenyl, 2,...	13.66	32.5	ng	1179200	5	14.15	726081	20.0
Octicizer	13.77	25.4	ng	921070	5	14.15	726081	20.0
1,1'-Biphenyl, 2,...	13.87	8.4	ng	305392	5	14.15	726081	20.0