LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111619.D
Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

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-BF121918.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	2.210	16	21	28	rVB	103639	153232	3.94%	0.317%
2	2.322	37	40	51	rVB2	30939	60496	1.56%	0.125%
3	3.410	222	225	243	rBV	41505	115462	2.97%	0.239%
4	5.116	511	515	523	rVB	150835	191142	4.92%	0.395%
5	5.522	577	584	587	rBV	3491381	3584332	92.24%	7.413%
6	6.440	737	740	743	rBV	68728	59009	1.52%	0.122%
7	6.522	749	754	763	rVB	3893607	3885988	100.00%	8.037%
8	6.669	774	779	782	rBV	3932948	3679532	94.69%	7.610%
9	6.898	814	818	821	rBV	1406102	1103455	28.40%	2.282%
10	6.928	821	823	826	rVB	118063	89993	2.32%	0.186%
11	7.057	841	845	848	rVB	3219484	2850575	73.36%	5.895%
12	7.287	878	884	889	rVB3	33991	44553	1.15%	0.092%
13	7.451	906	912	915	rBV	2667449	2231380	57.42%	4.615%
14	7.798	967	971	973	rBV	43924	45007	1.16%	0.093%
15	8.081	1016	1019	1022	rBV	46869	46714	1.20%	0.097%
16	8.175	1032	1035	1039	rBV	1537224	1329310	34.21%	2.749%
17	8.881	1152	1155	1160	rVB2	57010	52271	1.35%	0.108%
18	9.251	1214	1218	1221	rBV	4482898	3602161	92.70%	7.450%
19	9.339	1229	1233	1238	rBV2	78915	85845	2.21%	0.178%
20	9.639	1281	1284	1290	rVB	334517	280600	7.22%	0.580%
21	9.792	1307	1310	1312	rBV	70701	60613	1.56%	0.125%
22	9.933	1328	1334	1337	rBV	1668603	1413548	36.38%	2.923%
23	10.363	1399	1407	1409	rBV4	43080	79905	2.06%	0.165%
24	10.716	1463	1467	1470	rBV	2734688	2327265	59.89%	4.813%
25	10.839	1485	1488	1490	rBV2	69852	68759	1.77%	0.142%
26	11.416	1582	1586	1588	rBV	1628151	1382152	35.57%	2.858%
27	11.439	1588	1590	1593	rVB	169147	135276	3.48%	0.280%
28	11.874	1661	1664	1667	rBV4	40750	56205	1.45%	0.116%
29	11.945	1673	1676	1680	rBV	520536	479892	12.35%	0.992%
30	12.027	1687	1690	1692	rBV2	54028	55989	1.44%	0.116%
31	12.463	1761	1764	1767	rBV2	91198	98293	2.53%	0.203%
32	12.545	1775	1778	1781	rBV	376537	288697	7.43%	0.597%
33	12.621	1789	1791	1794	rBV	123592	124650	3.21%	0.258%
34	12.727	1805	1809	1812	rBV	570109	554635	14.27%	1.147%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.851	1828	1830	1832	rBV	199318	171916	4.42%	0.356%
36	12.874	1832	1834	1837	rVB2	112907	107305	2.76%	0.222%
37	12.998	1851	1855	1863	rBV	4066306	3709674	95.46%	7.672%
38	13.092	1869	1871	1874	rVB	474326	412858	10.62%	0.854%
39	13.121	1874	1876	1881	rBV2	186349	238401	6.13%	0.493%
40	13.186	1884	1887	1890	rBV	1362246	1163104	29.93%	2.405%
41	13.321	1908	1910	1913	rBV	171419	136070	3.50%	0.281%
42	13.374	1916	1919	1922	rBV	1464409	1287877	33.14%	2.663%
43	13.410	1922	1925	1928	rVV	407132	335087	8.62%	0.693%
44	13.480	1934	1937	1942	rVB2	594610	638181	16.42%	1.320%
45	13.592	1950	1956	1960	rBV	885258	1188847	30.59%	2.459%
46	13.627	1960	1962	1965	rVB2	131742	105974	2.73%	0.219%
47	13.692	1970	1973	1977	rVB	811015	736864	18.96%	1.524%
48	13.739	1978	1981	1984	rBV	358616	323385	8.32%	0.669%
49	13.880	2002	2005	2009	rBV2	760724	1010532	26.00%	2.090%
50	13.921	2009	2012	2016	rVB2	377685	416906	10.73%	0.862%
51	13.957	2016	2018	2023	rBV5	150087	177181	4.56%	0.366%
52	14.051	2030	2034	2037	rVV	1560806	1434036	36.90%	2.966%
53	14.086	2037	2040	2044	rVB2	1367519	1182496	30.43%	2.446%
54	14.304	2074	2077	2081	rBV	548922	519743	13.37%	1.075%
55	14.351	2082	2085	2088	rVV2	261111	255789	6.58%	0.529%
56	14.392	2090	2092	2096	rBV2	270795	234683	6.04%	0.485%
57	14.527	2113	2115	2118	rVB	320679	233707	6.01%	0.483%
58	15.186	2224	2227	2234	rVB2	351857	561758	14.46%	1.162%
59	15.527	2281	2285	2289	rVB	679784	807111	20.77%	1.669%
60	16.015	2365	2368	2373	rVB	247528	347501	8.94%	0.719%

Sum of corrected areas: 48353922

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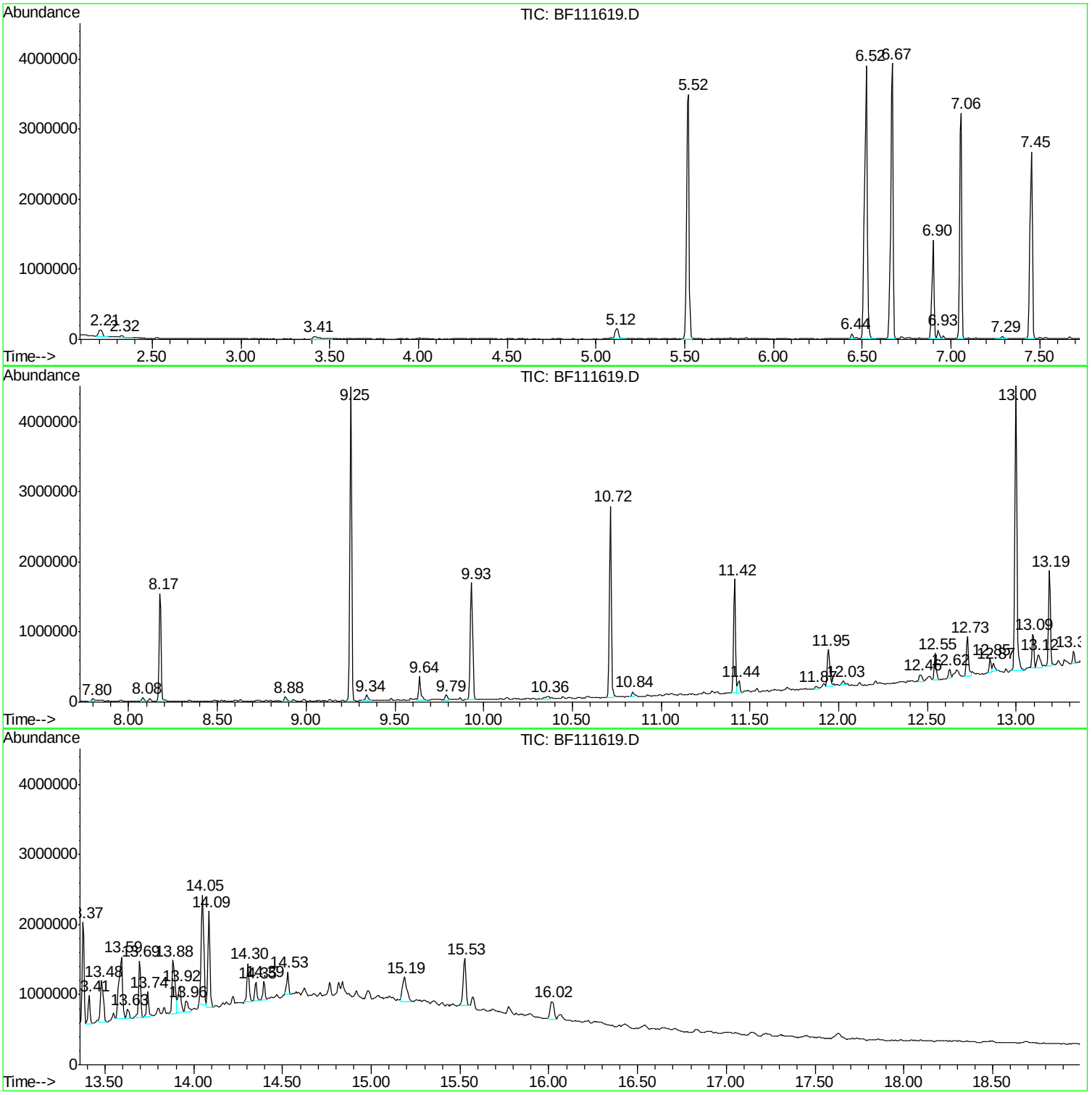
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF121918\
Data File : BF111619.D
Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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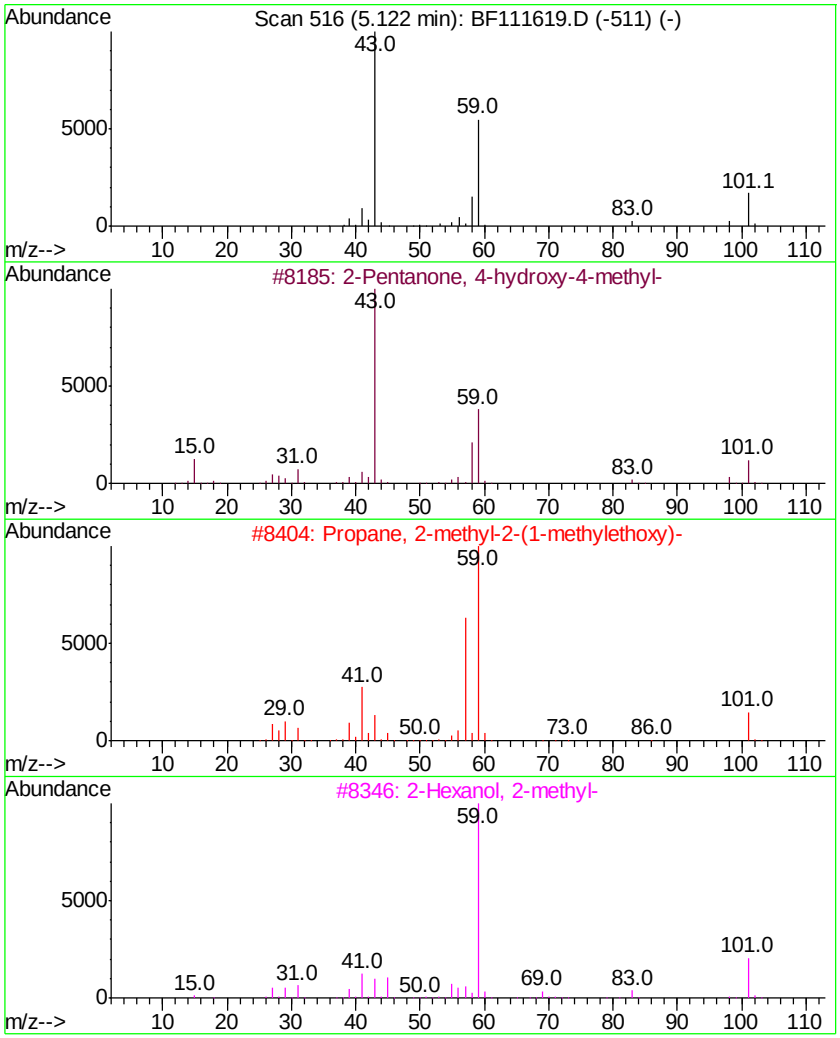
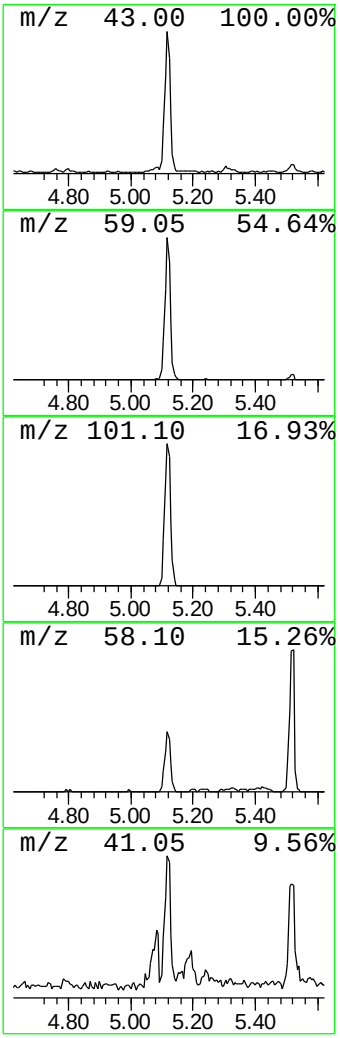
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.46 ng	191142	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111619.D
Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

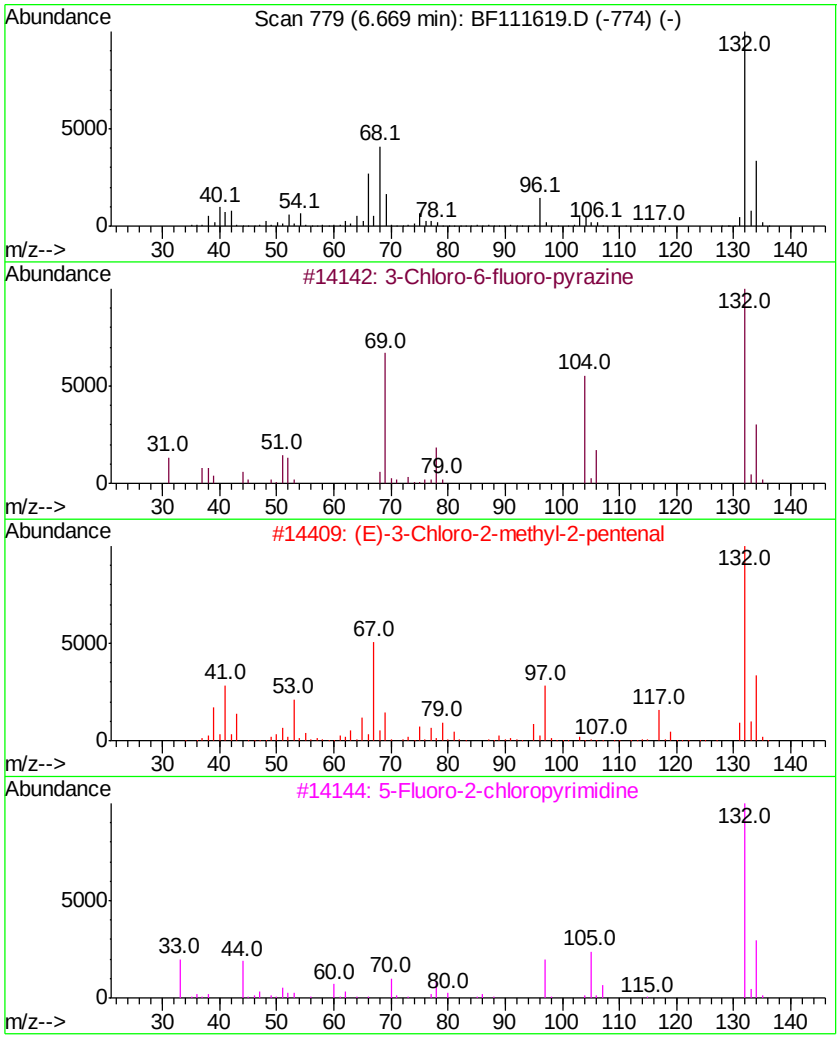
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

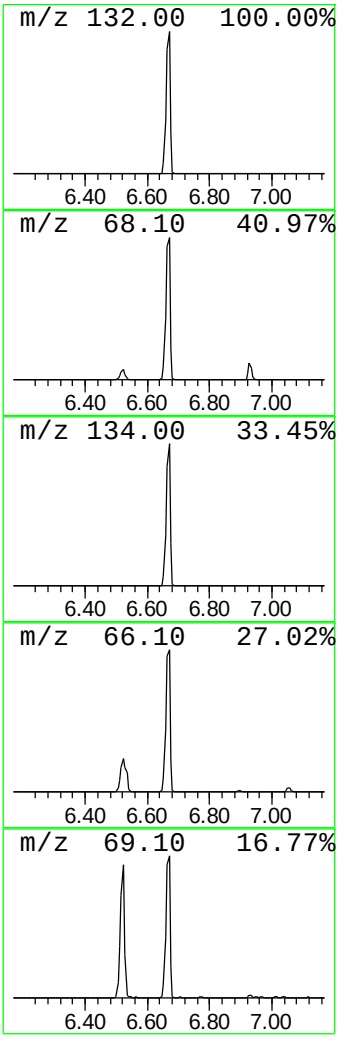
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	66.69 ng	3679530	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111619.D
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Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

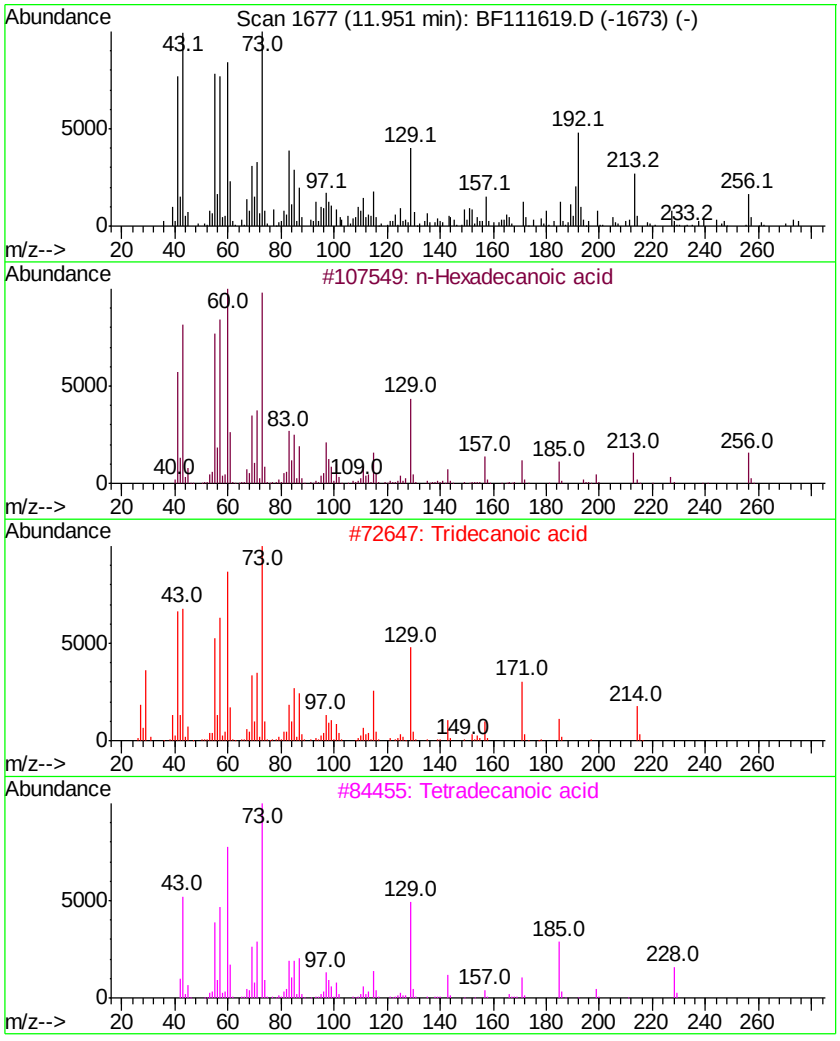
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

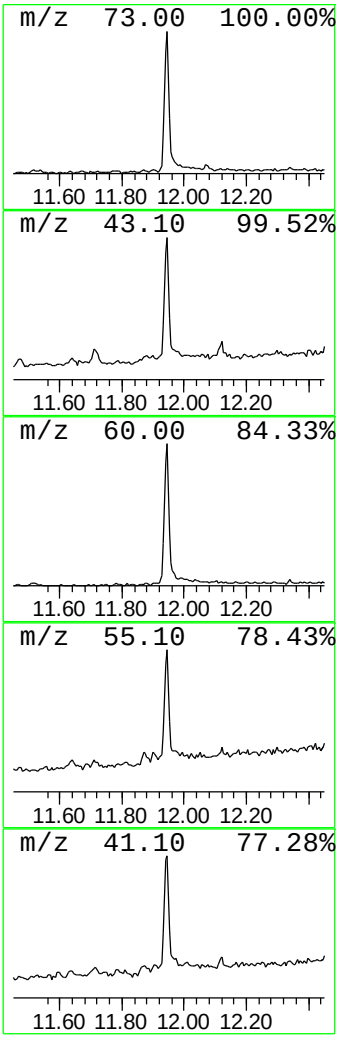
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	6.94 ng	479892	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
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Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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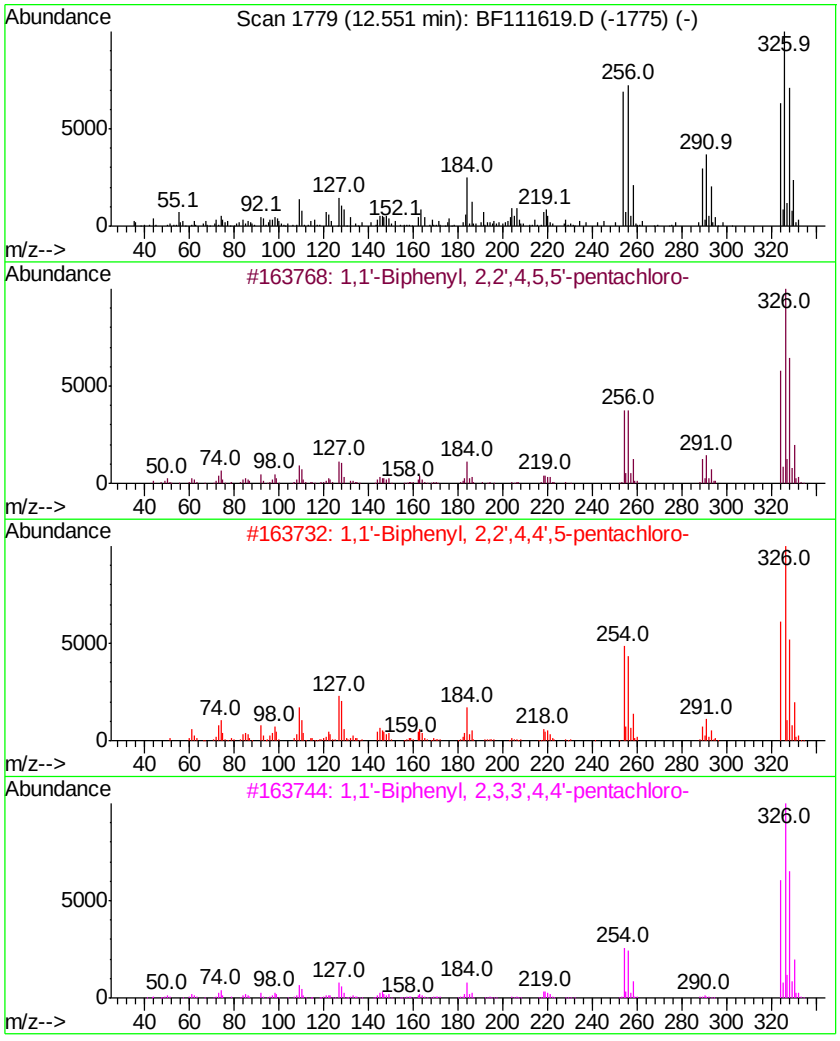
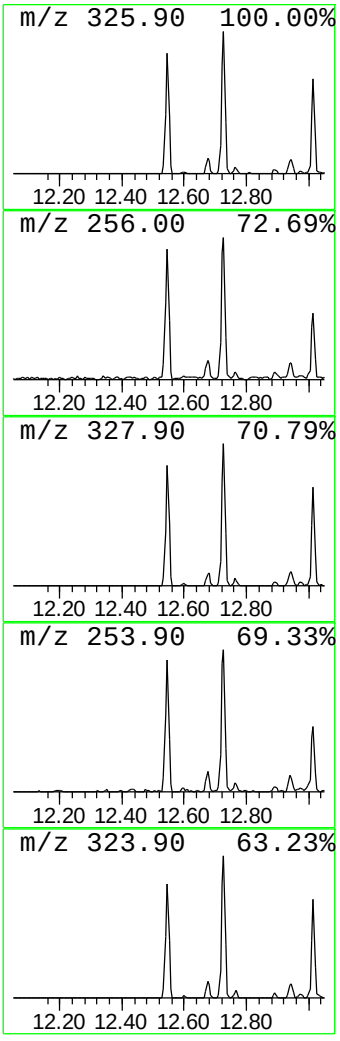
Peak Number 5 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.18 ng	288697	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2	1,1'-Biphenyl, 2,2',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	038380-02-8	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

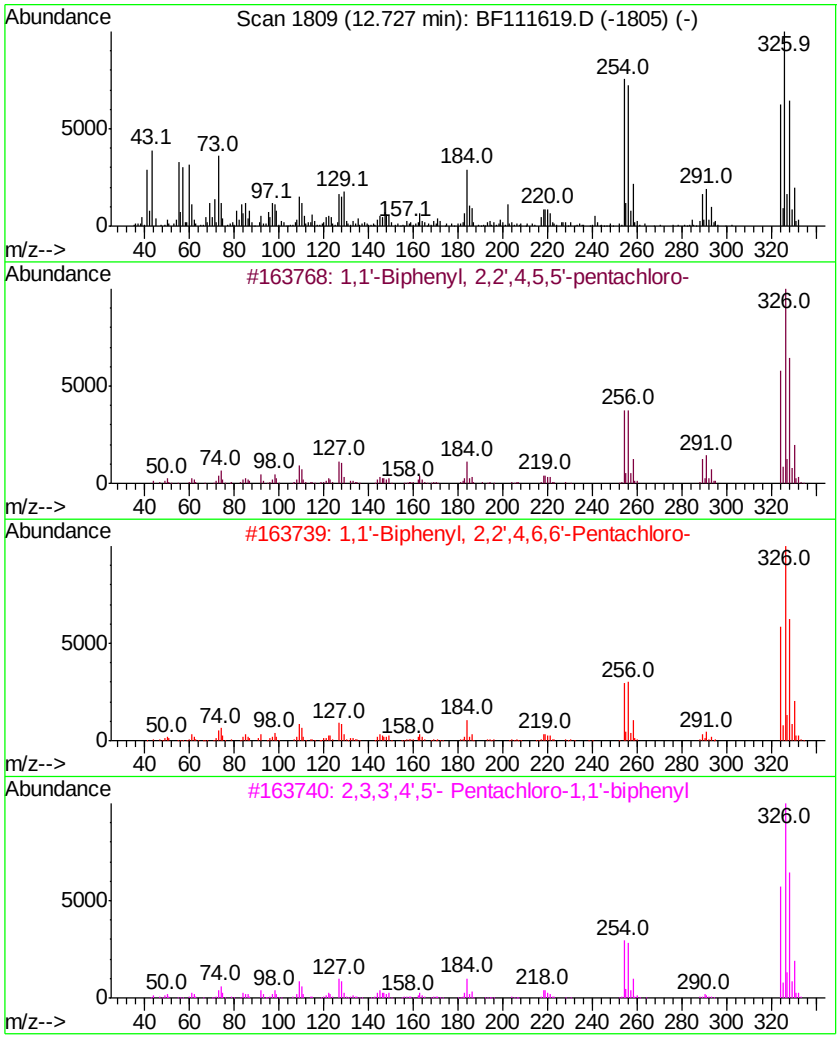
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

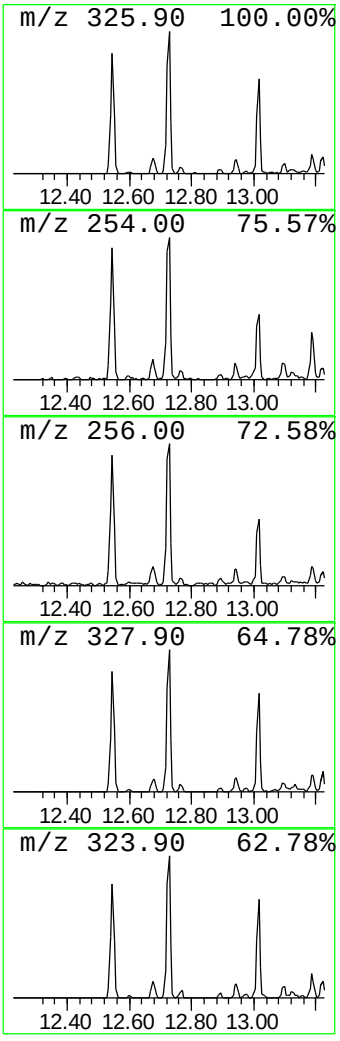
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	8.03 ng	554635	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

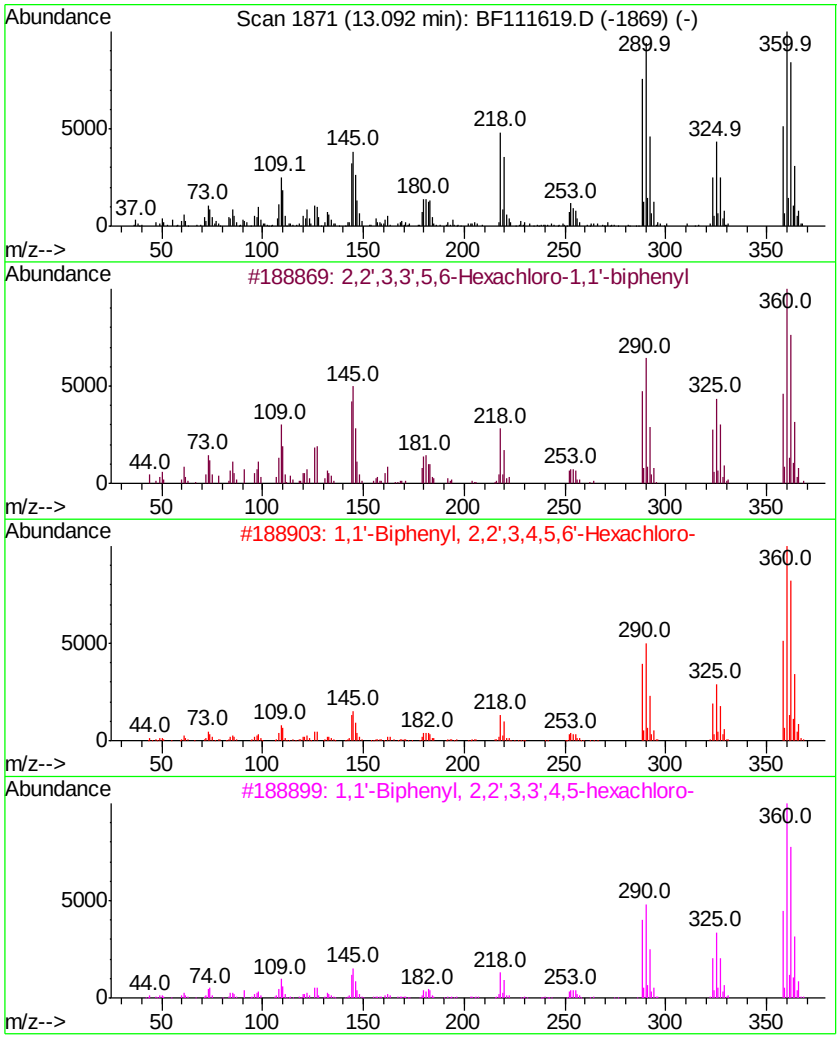
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

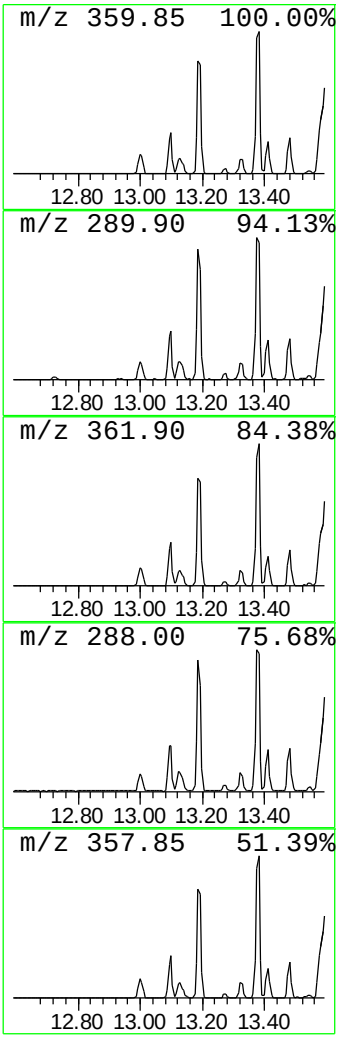
****

Peak Number 7 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.76 ng	412858	Chrysene-d12	14.05

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	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99





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Data File : BF111619.D
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Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

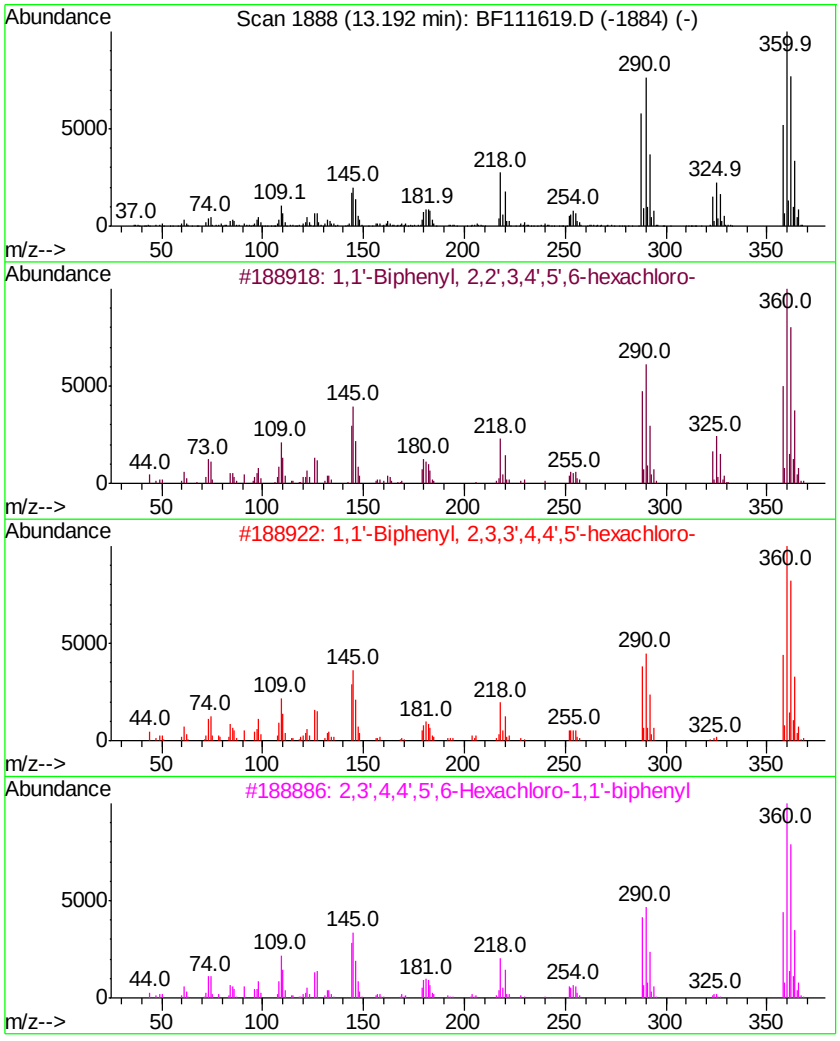
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

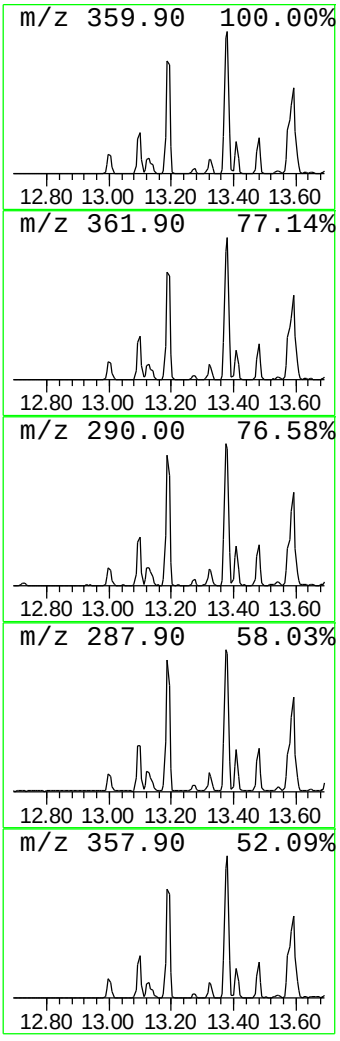
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	16.22 ng	1163100	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
3	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111619.D
Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

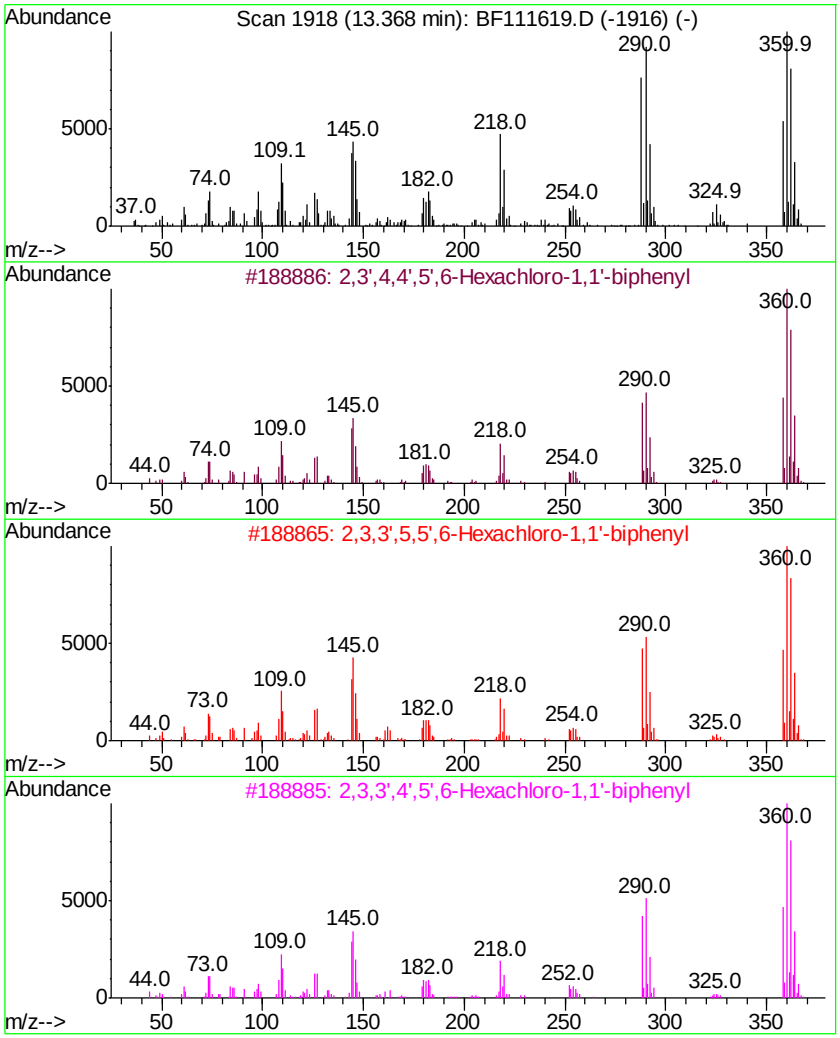
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

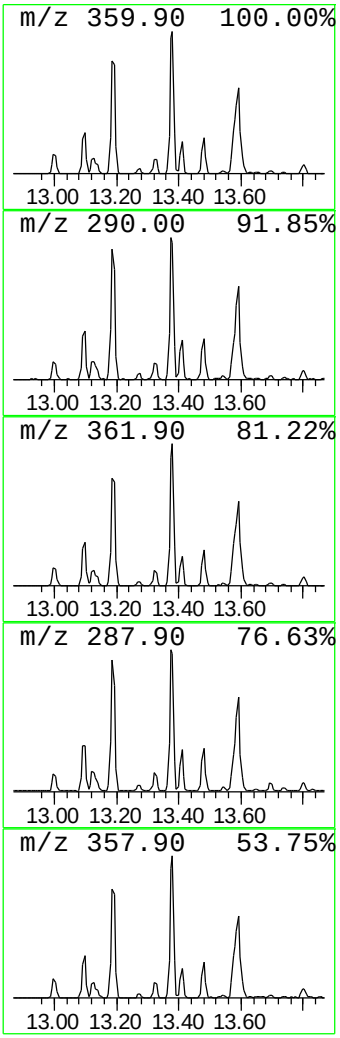
****

Peak Number 9 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	17.96 ng	1287880	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99





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Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

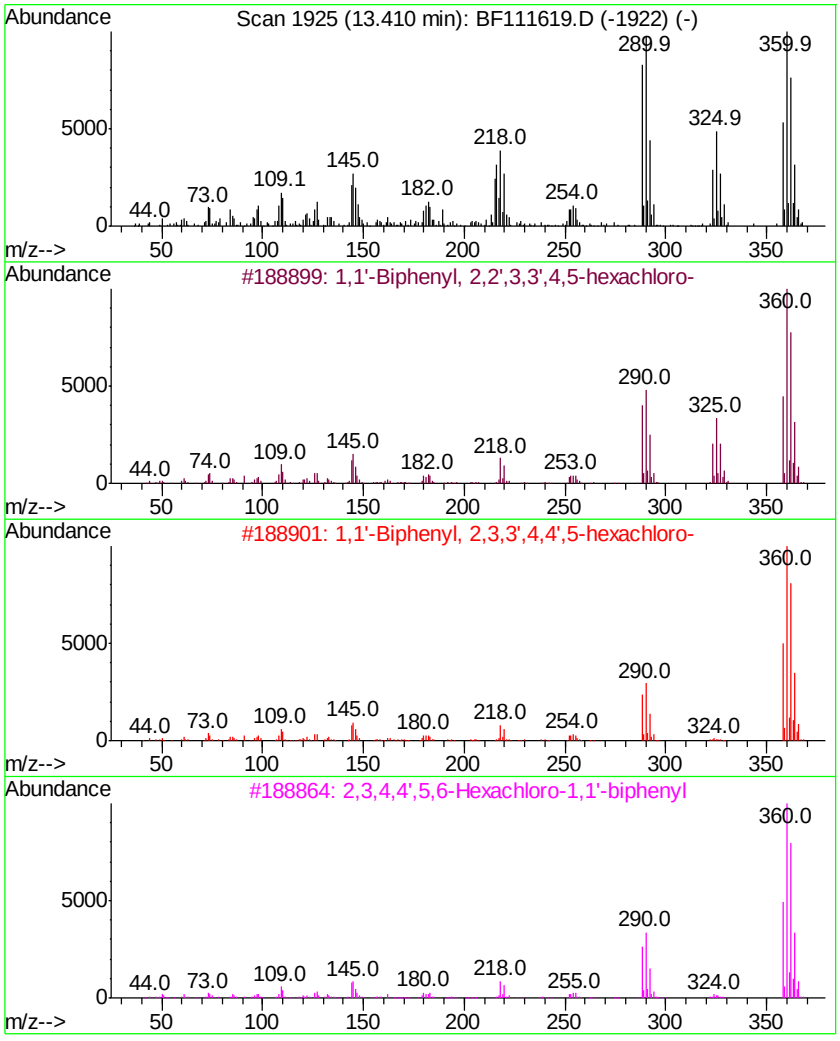
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

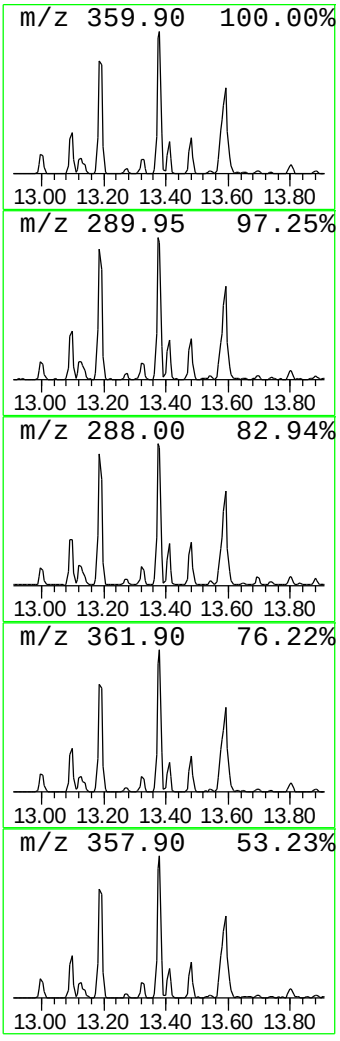
****

Peak Number 10 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	4.67 ng	335087	Chrysene-d12	14.05

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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





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Instrument : BNA_F
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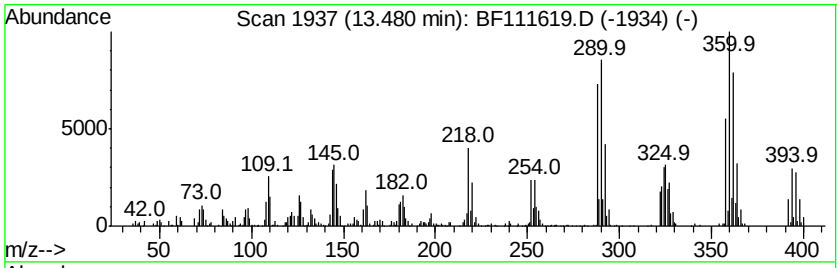
TIC Integration Parameters: LSCINT.P

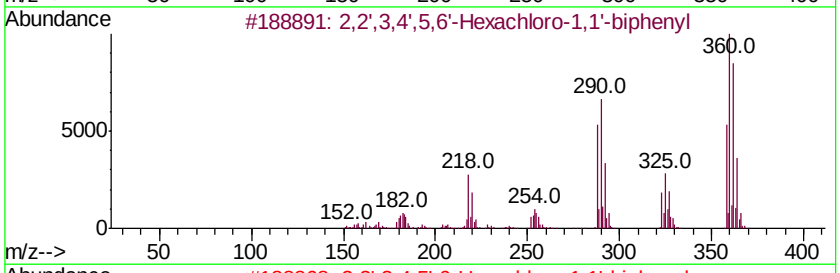
****

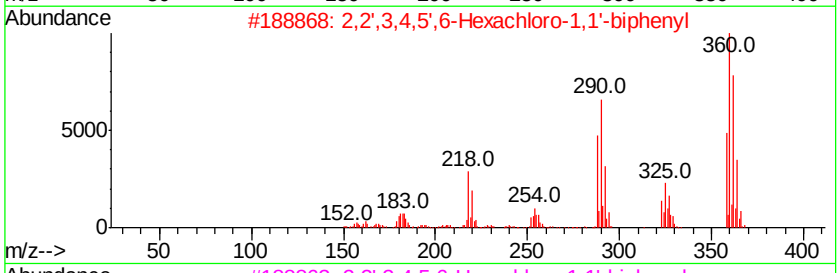
Peak Number 11 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 9

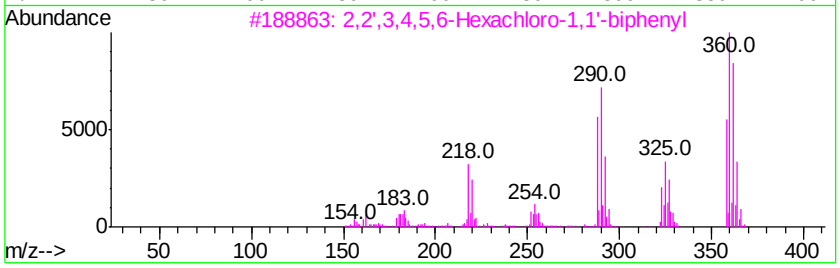
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	8.90 ng	638181	Chrysene-d12	14.05

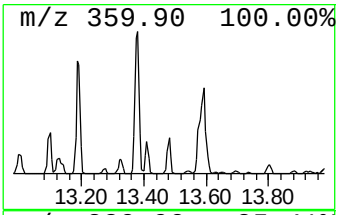
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
2	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99
3	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99

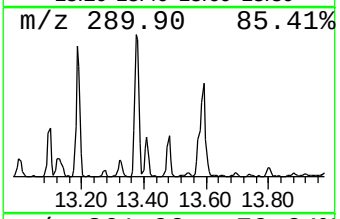


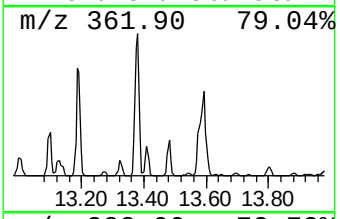


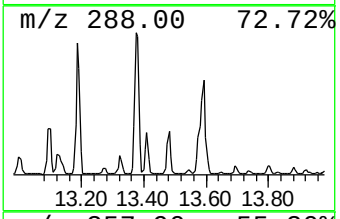


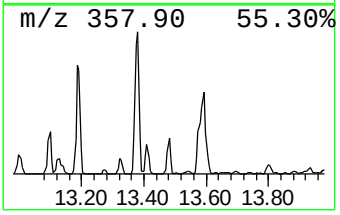












Library Search Compound Report

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Data File : BF111619.D
Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

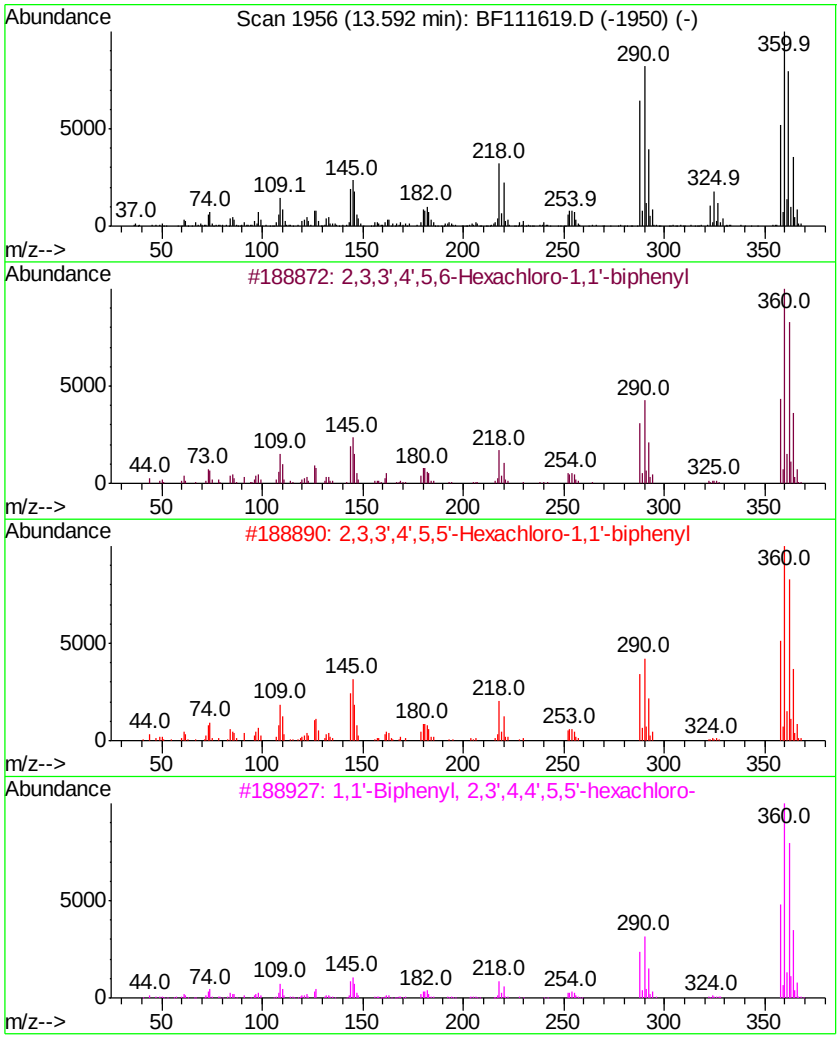
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

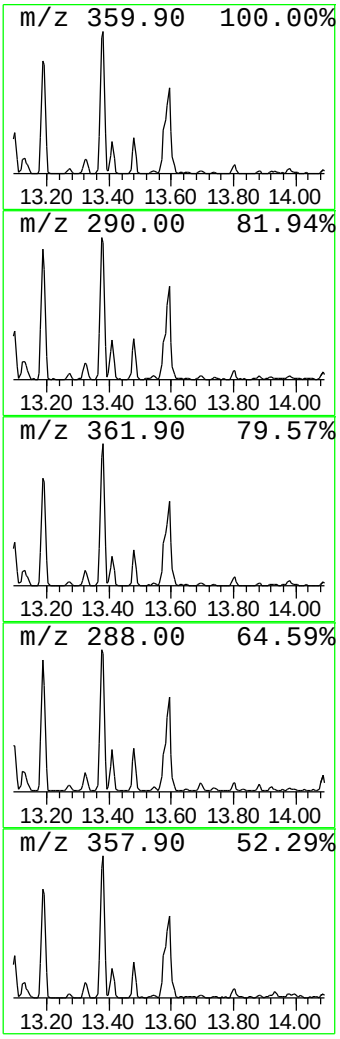
****

Peak Number 12 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	16.58 ng	1188850	Chrysene-d12	14.05

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	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





Library Search Compound Report

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Data File : BF111619.D
Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

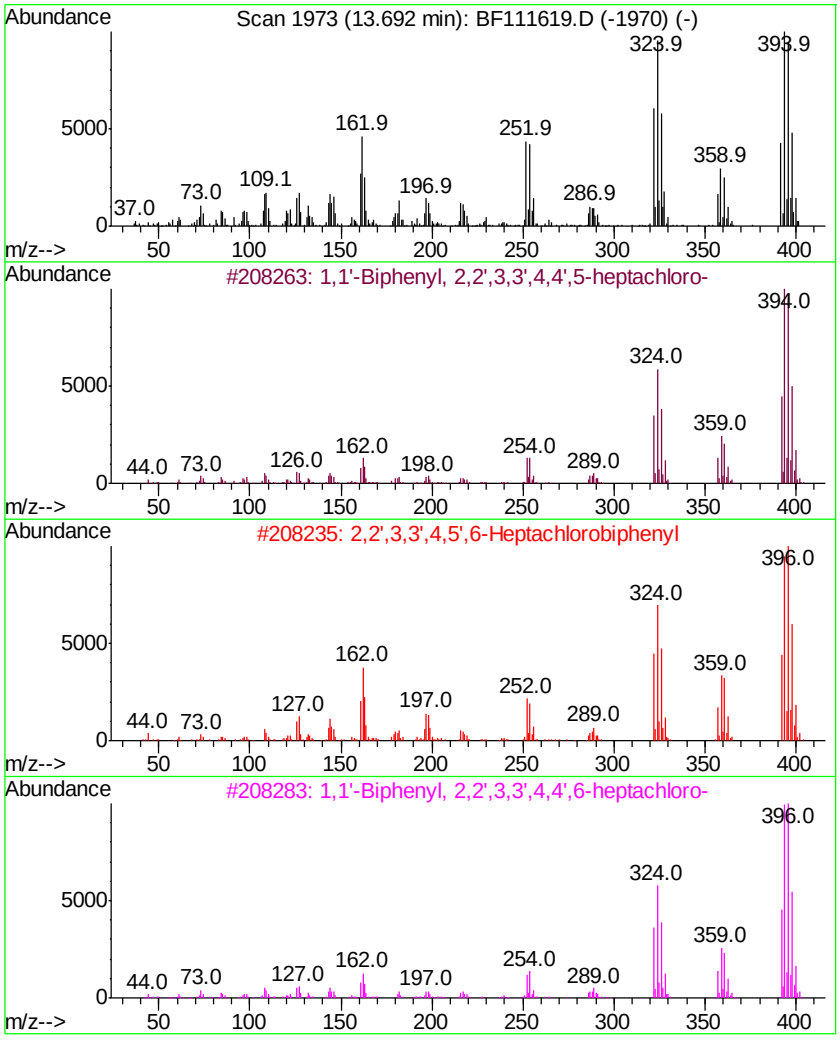
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

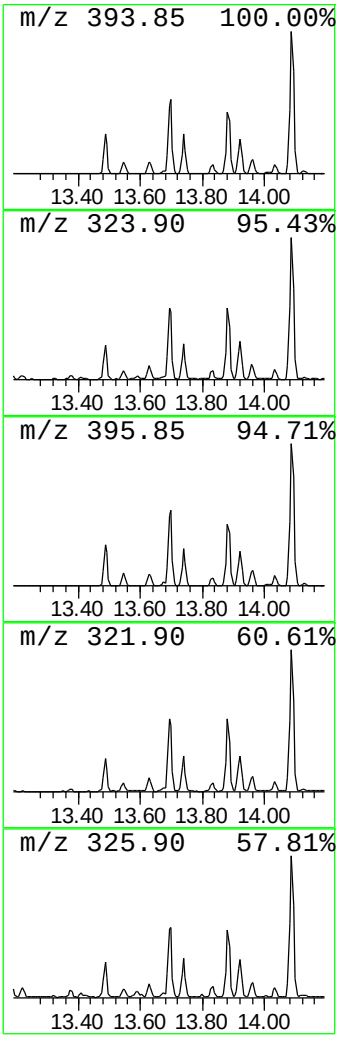
****

Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	10.28 ng	736864	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99





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Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

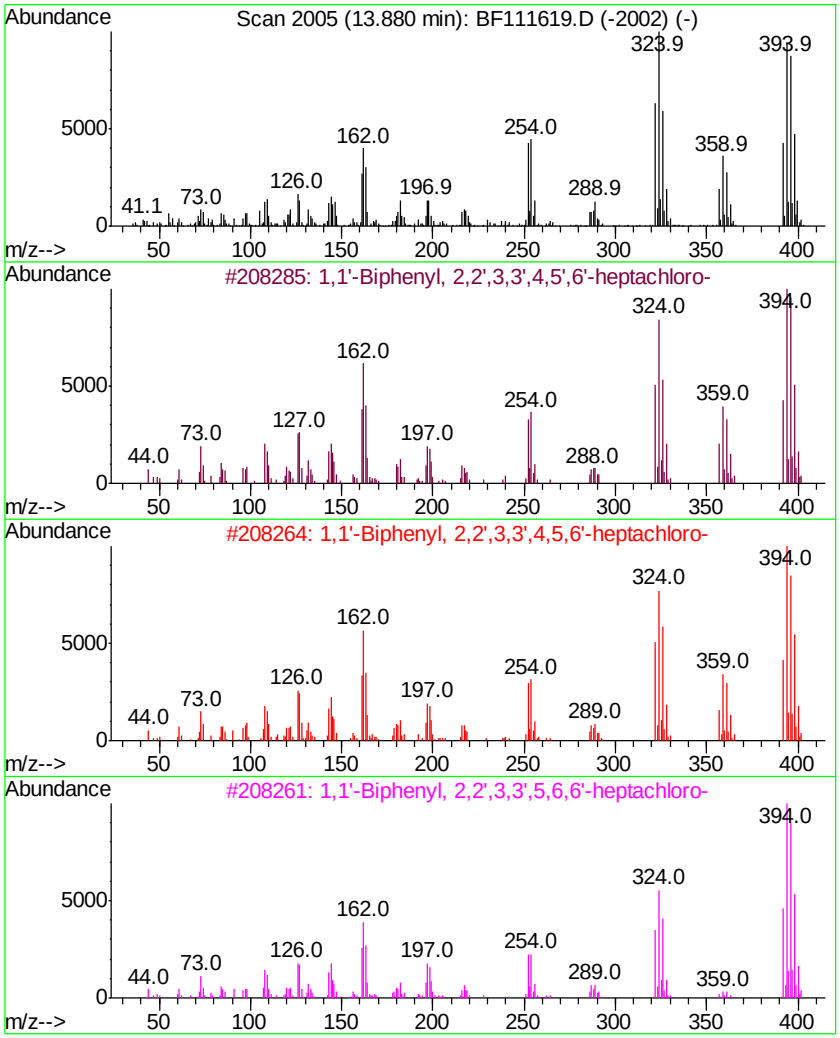
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

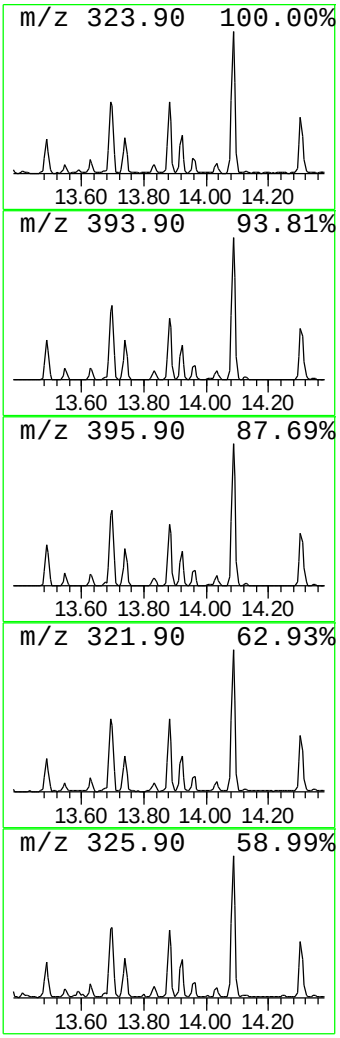
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	14.09 ng	1010530	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	99
3	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99





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Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

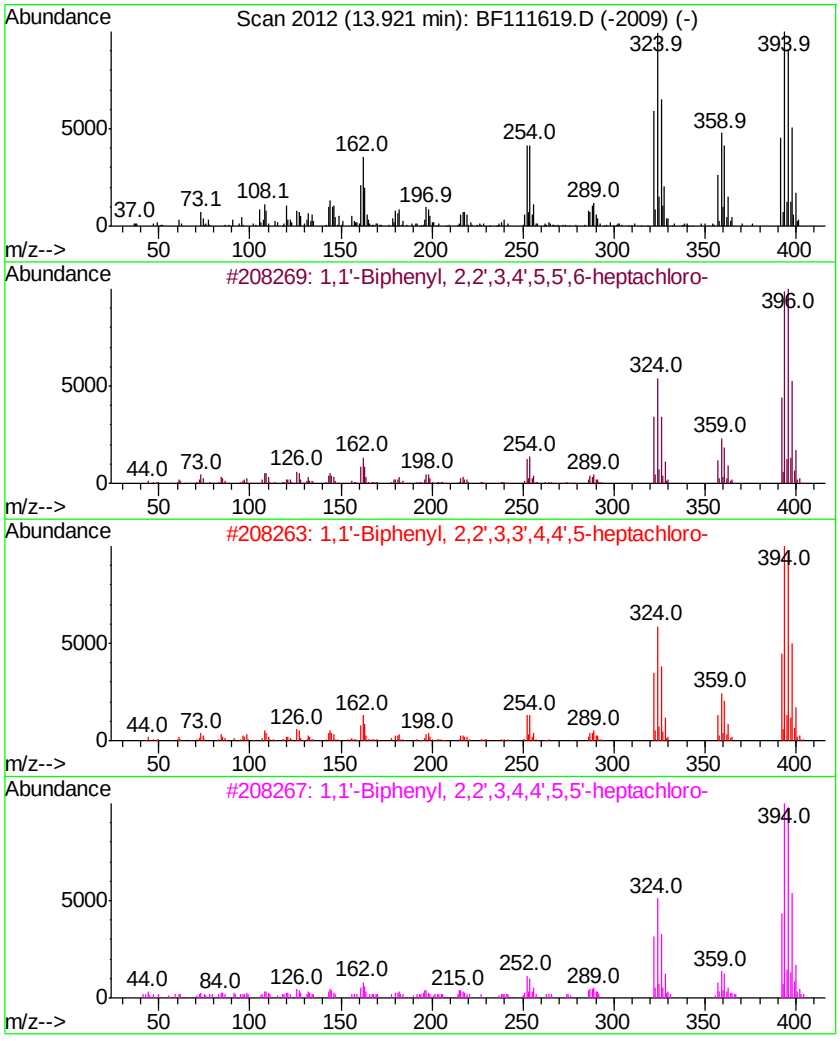
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

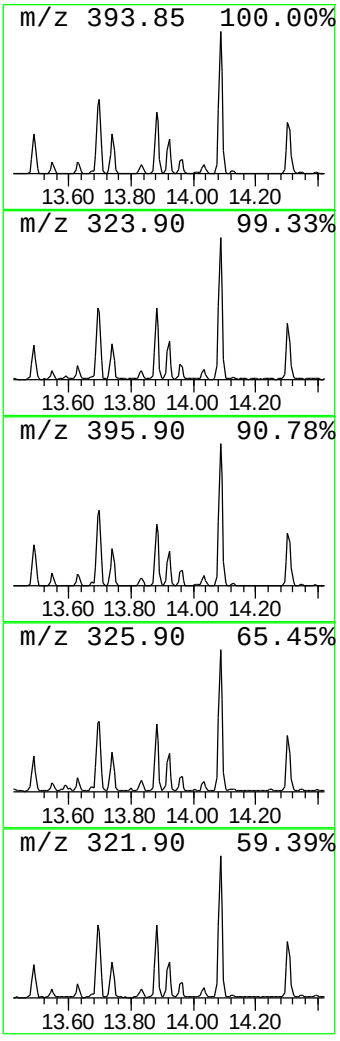
****

Peak Number 16 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	5.81 ng	416906	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99





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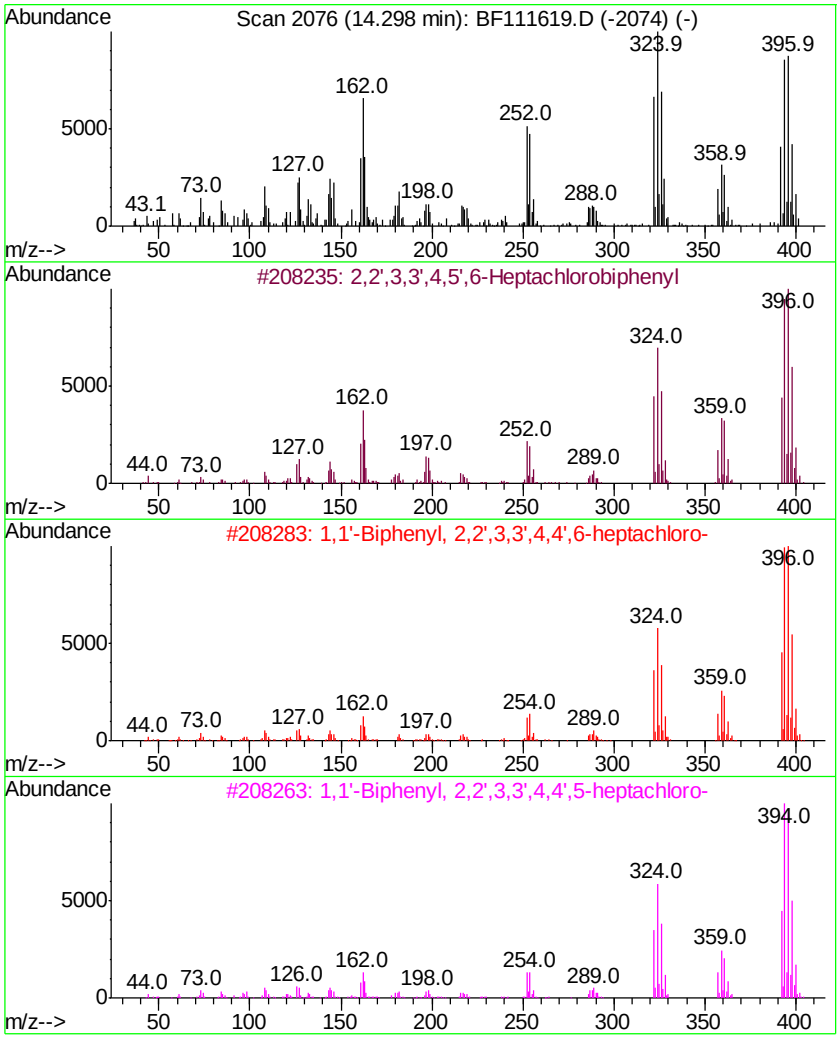
TIC Integration Parameters: LSCINT.P

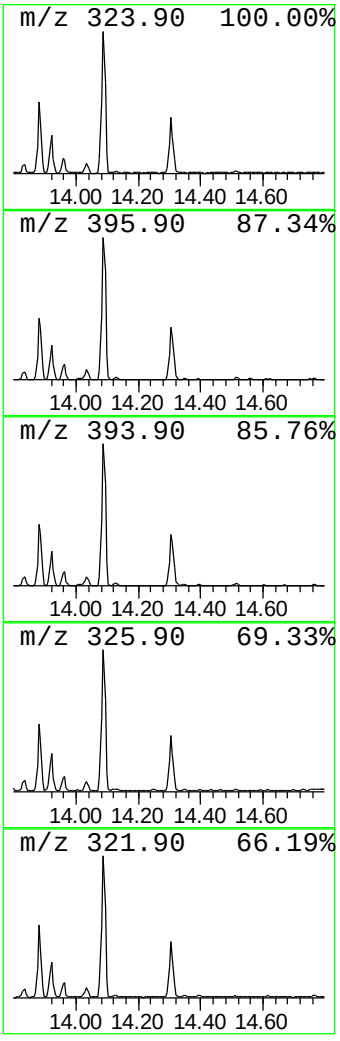
****

Peak Number 17 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	7.25 ng	519743	Chrysene-d12	14.05

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',4,4',6-...	392	C12H3Cl7	052663-71-5	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99





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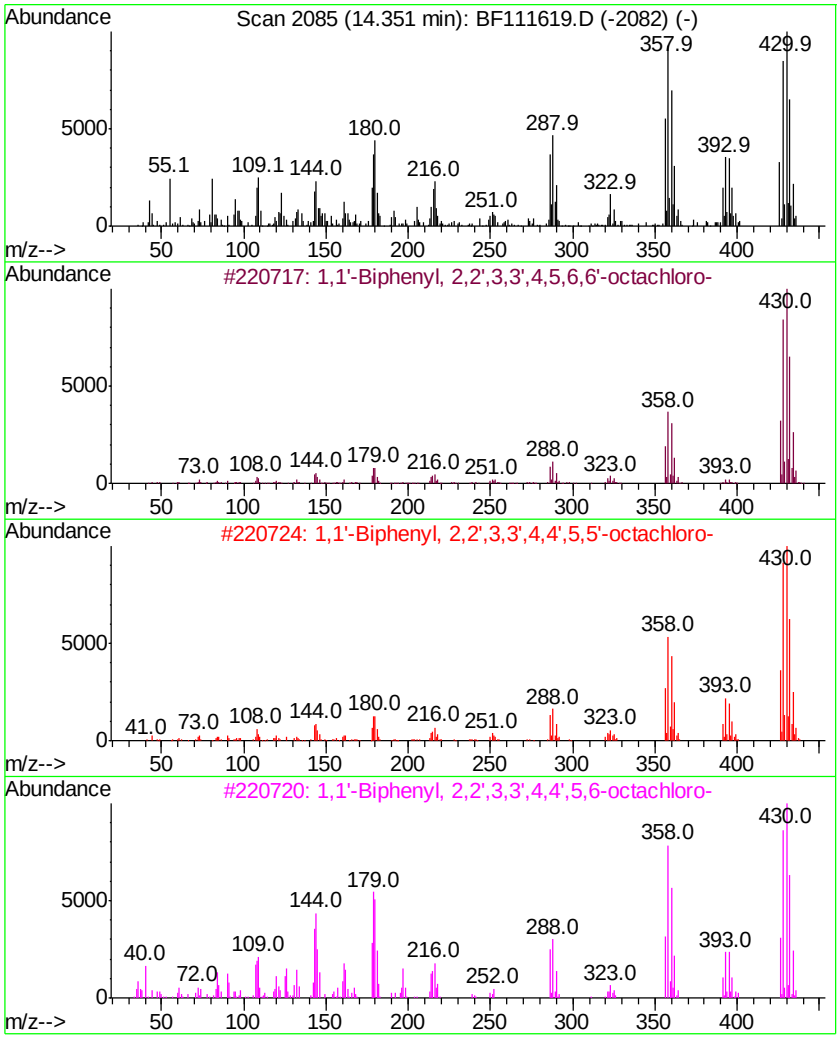
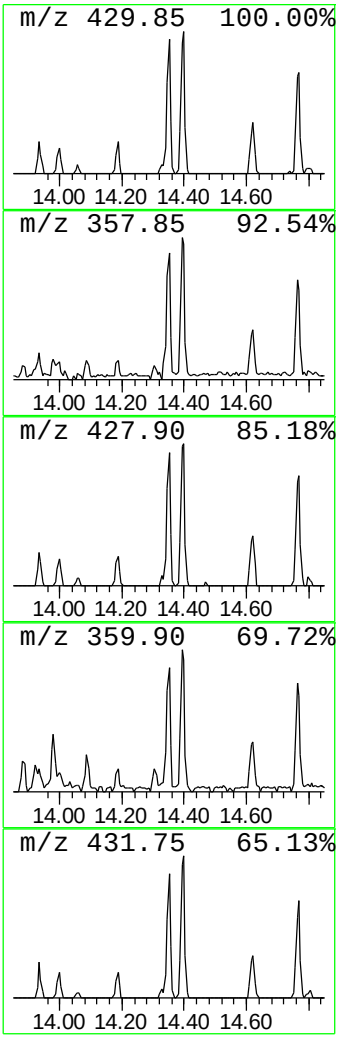
****

Peak Number 18 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.57 ng	255789	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99





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Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

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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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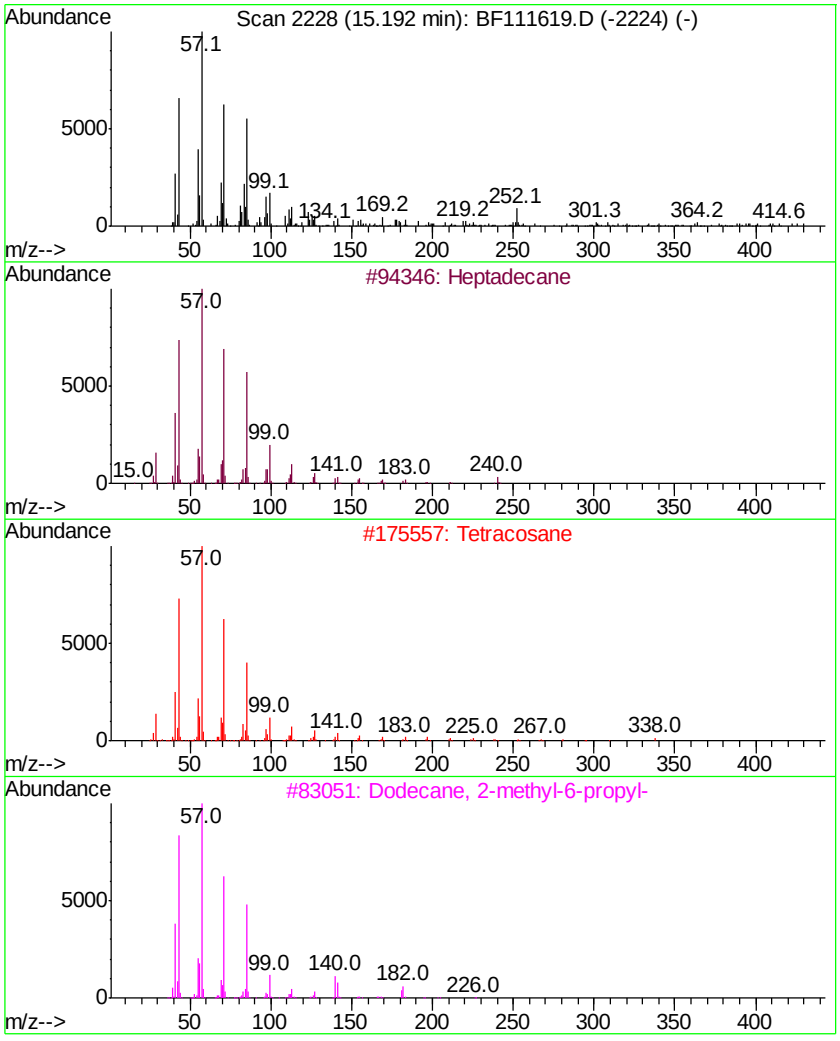
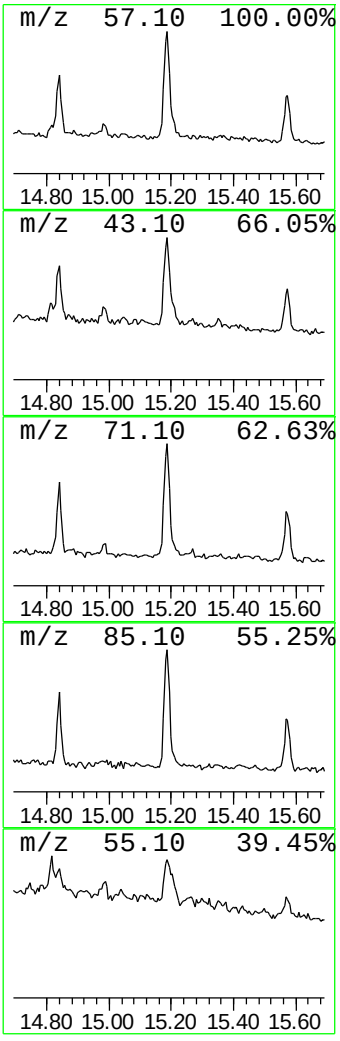
Peak Number 19 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	13.92 ng	561758	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83





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Data File : BF111619.D
Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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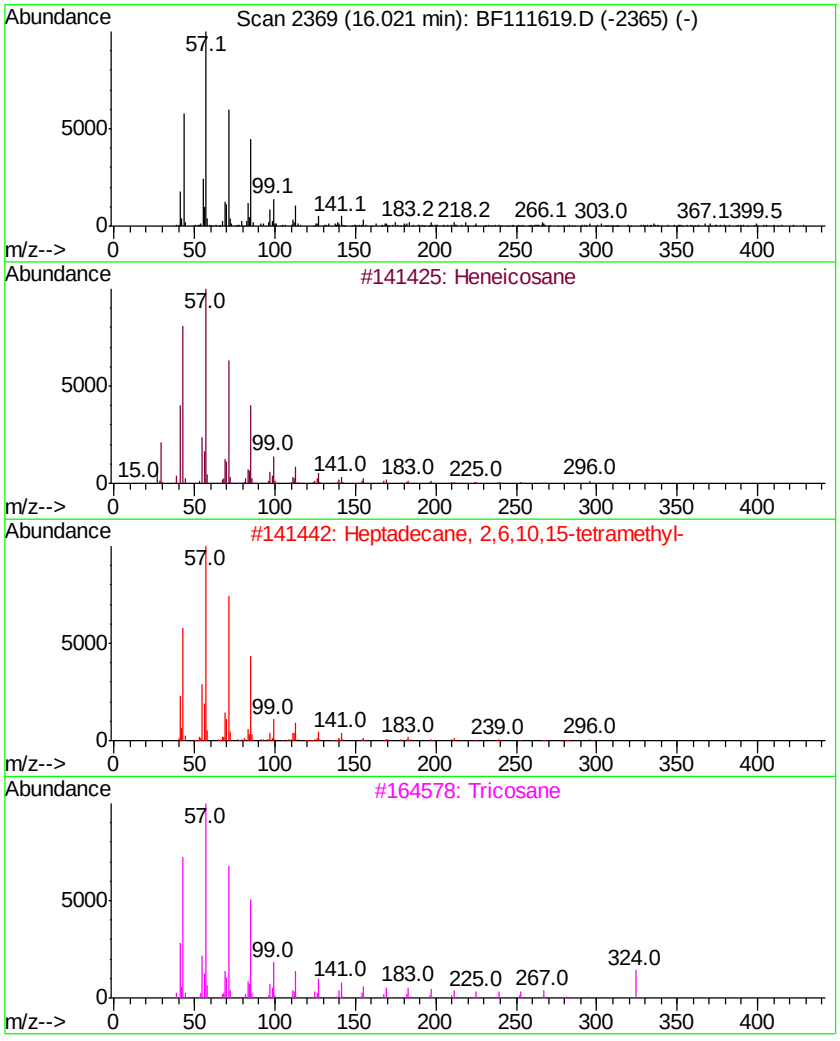
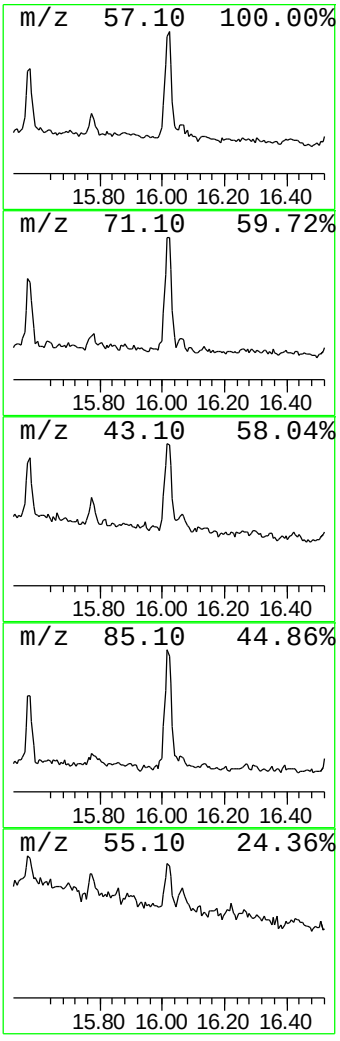
Peak Number 20 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	8.61 ng	347501	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Tricosane	324	C23H48	000638-67-5	93
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111619.D
Acq On : 20 Dec 2018 4:36
Operator : JU/SJ
Sample : J6386-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1218-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
2-Pentanone, 4-hy...	5.12	3.5	ng	191142	1	6.90	1103460	20.0
unknown6.67	6.67	66.7	ng	3679530	1	6.90	1103460	20.0
n-Hexadecanoic acid	11.95	6.9	ng	479892	4	11.42	1382150	20.0
1,1'-Biphenyl, 2,...	12.55	4.2	ng	288697	4	11.42	1382150	20.0
1,1'-Biphenyl, 2,...	12.73	8.0	ng	554635	4	11.42	1382150	20.0
2,2',3,3',5,6-Hex...	13.09	5.8	ng	412858	5	14.05	1434040	20.0
1,1'-Biphenyl, 2,...	13.19	16.2	ng	1163100	5	14.05	1434040	20.0
2,3',4,4',5',6-He...	13.37	18.0	ng	1287880	5	14.05	1434040	20.0
1,1'-Biphenyl, 2,...	13.41	4.7	ng	335087	5	14.05	1434040	20.0
2,2',3,4',5,6'-He...	13.48	8.9	ng	638181	5	14.05	1434040	20.0
2,3,3',4',5,6-Hex...	13.59	16.6	ng	1188850	5	14.05	1434040	20.0
1,1'-Biphenyl, 2,...	13.69	10.3	ng	736864	5	14.05	1434040	20.0
1,1'-Biphenyl, 2,...	13.88	14.1	ng	1010530	5	14.05	1434040	20.0
1,1'-Biphenyl, 2,...	13.92	5.8	ng	416906	5	14.05	1434040	20.0
2,2',3,3',4,5',6-...	14.30	7.3	ng	519743	5	14.05	1434040	20.0
1,1'-Biphenyl, 2,...	14.35	3.6	ng	255789	5	14.05	1434040	20.0
Heptadecane	15.19	13.9	ng	561758	6	15.53	807111	20.0
Heneicosane	16.02	8.6	ng	347501	6	15.53	807111	20.0