LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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	2.228	18	24	29	rVB	50680	74703	1.84%	0.177%
2	4.022	322	329	335	rBV	58674	77565	1.91%	0.184%
3	5.134	513	518	524	rVB	217087	268085	6.59%	0.636%
4	5.545	582	588	591	rBV	3832670	3608142	88.73%	8.562%
5	6.551	753	759	763	rBV2	3370513	4066542	100.00%	9.649%
6	6.681	776	781	784	rBV	4095934	3751331	92.25%	8.901%
7	6.904	815	819	823	rBV	960560	763647	18.78%	1.812%
8	7.063	842	846	849	rBV	3568248	2938809	72.27%	6.973%
9	7.463	909	914	917	rBV	2474414	2222869	54.66%	5.275%
10	8.186	1033	1037	1040	rBV	1063000	834434	20.52%	1.980%
11	9.263	1215	1220	1223	rBV	4014058	3614964	88.90%	8.578%
12	9.392	1239	1242	1249	rVB	54337	54962	1.35%	0.130%
13	9.645	1282	1285	1290	rVB	253863	222300	5.47%	0.527%
14	9.939	1332	1335	1339	rVB	952309	847797	20.85%	2.012%
15	10.733	1465	1470	1473	rBV	2478575	2320051	57.05%	5.505%
16	10.845	1486	1489	1497	rVB2	31088	43193	1.06%	0.102%
17	11.263	1555	1560	1563	rBV	48377	58626	1.44%	0.139%
18	11.427	1584	1588	1591	rBV	1025140	838859	20.63%	1.990%
19	11.474	1594	1596	1600	rVB2	69392	66744	1.64%	0.158%
20	11.539	1604	1607	1611	rBV	254730	202448	4.98%	0.480%
21	11.951	1674	1677	1681	rVB	136739	119245	2.93%	0.283%
22	12.039	1690	1692	1695	rVB	60225	46251	1.14%	0.110%
23	12.074	1695	1698	1701	rBV	135757	109594	2.70%	0.260%
24	12.127	1704	1707	1712	rVB4	42505	49897	1.23%	0.118%
25	12.516	1770	1773	1775	rBV	56674	55382	1.36%	0.131%
26	12.557	1775	1780	1784	rVB2	206460	281344	6.92%	0.668%
27	12.692	1800	1803	1807	rVB3	71118	79368	1.95%	0.188%
28	12.733	1807	1810	1814	rBV	284487	271146	6.67%	0.643%
29	12.886	1834	1836	1843	rVB2	81541	93380	2.30%	0.222%
30	12.951	1845	1847	1850	rBV3	45729	40888	1.01%	0.097%
31	13.010	1853	1857	1863	rVB	3603298	3518872	86.53%	8.350%
32	13.104	1870	1873	1876	rBV	265993	238776	5.87%	0.567%
33	13.133	1876	1878	1882	rVV3	108941	128219	3.15%	0.304%
34	13.198	1886	1889	1893	rBV	736359	692408	17.03%	1.643%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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	13.239	1893	1896	1901	rVB2	179650	198401	4.88%	0.471%
36	13.333	1910	1912	1915	rBV	107523	93068	2.29%	0.221%
37	13.386	1918	1921	1924	rBV	792727	693855	17.06%	1.646%
38	13.421	1924	1927	1931	rBV2	159775	165571	4.07%	0.393%
39	13.492	1936	1939	1945	rVB3	339695	367026	9.03%	0.871%
40	13.604	1952	1958	1962	rVV2	428370	601708	14.80%	1.428%
41	13.639	1962	1964	1966	rVB3	71518	53096	1.31%	0.126%
42	13.704	1972	1975	1979	rVB2	432119	398504	9.80%	0.946%
43	13.751	1980	1983	1985	rBV	198365	175815	4.32%	0.417%
44	13.898	2004	2008	2012	rBV3	615107	973675	23.94%	2.310%
45	14.068	2034	2037	2039	rVB	672721	591999	14.56%	1.405%
46	14.098	2039	2042	2046	rVB	667125	577465	14.20%	1.370%
47	14.227	2062	2064	2069	rVB2	116707	132385	3.26%	0.314%
48	14.315	2076	2079	2082	rBV	268910	254301	6.25%	0.603%
49	14.357	2082	2086	2092	rVV3	176629	253102	6.22%	0.601%
50	14.404	2092	2094	2097	rBV2	127225	118447	2.91%	0.281%
51	14.533	2113	2116	2123	rVB	1134248	1255392	30.87%	2.979%
52	14.992	2191	2194	2198	rVB	326520	320468	7.88%	0.760%
53	15.192	2224	2228	2230	rBV	717588	910140	22.38%	2.160%
54	15.551	2286	2289	2293	rBV	359629	432599	10.64%	1.026%
55	15.786	2325	2329	2334	rBV	403226	515968	12.69%	1.224%
56	16.027	2367	2370	2375	rVB	314765	459392	11.30%	1.090%

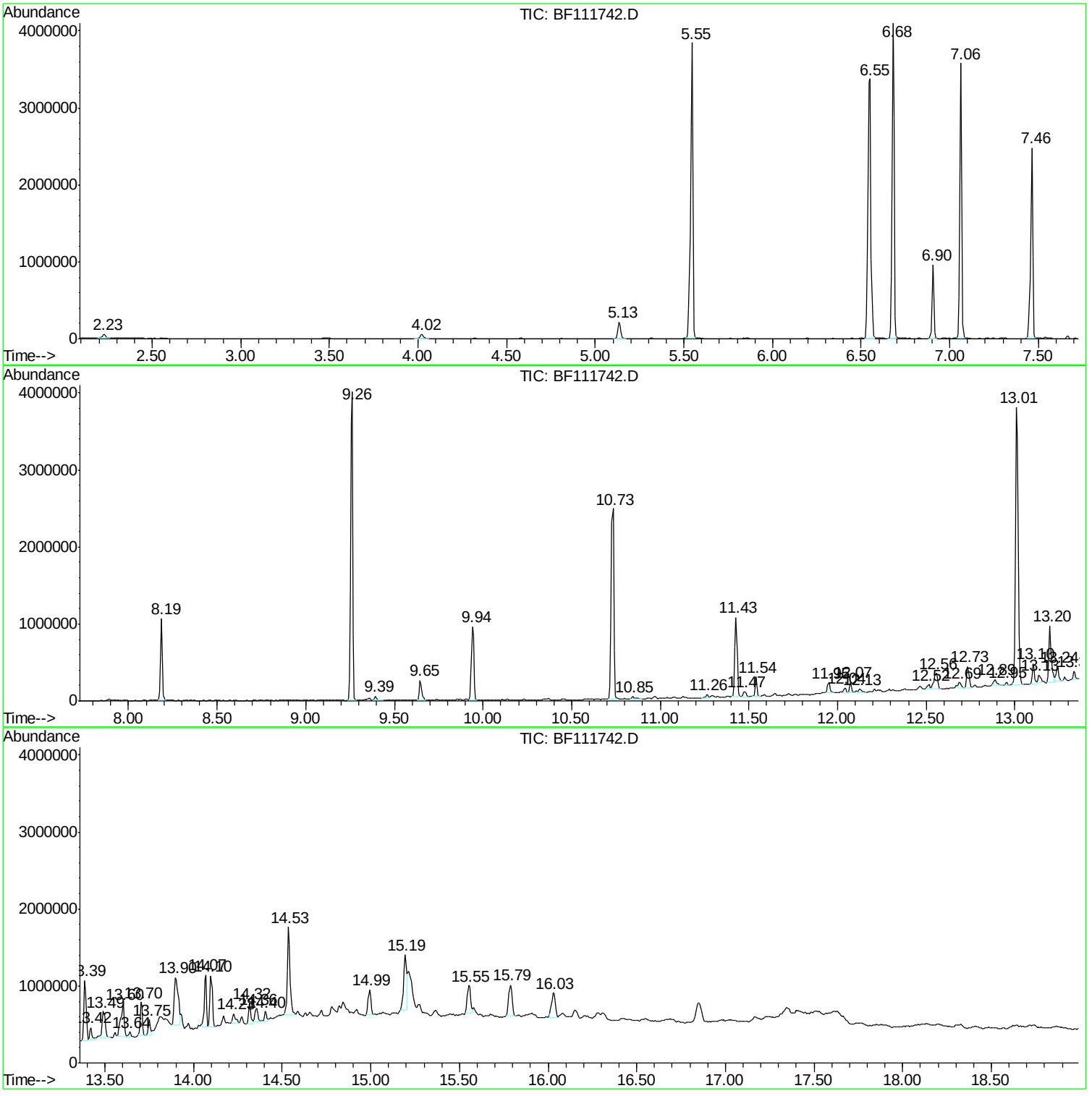
Sum of corrected areas: 42143218

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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

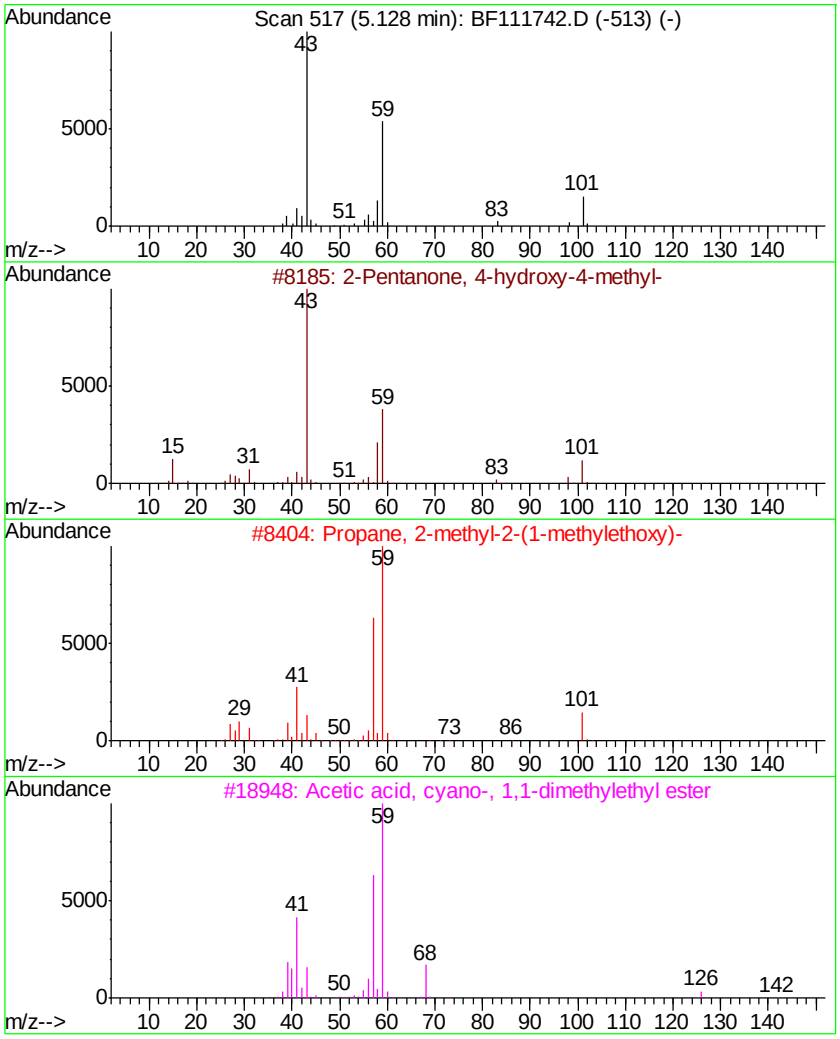
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

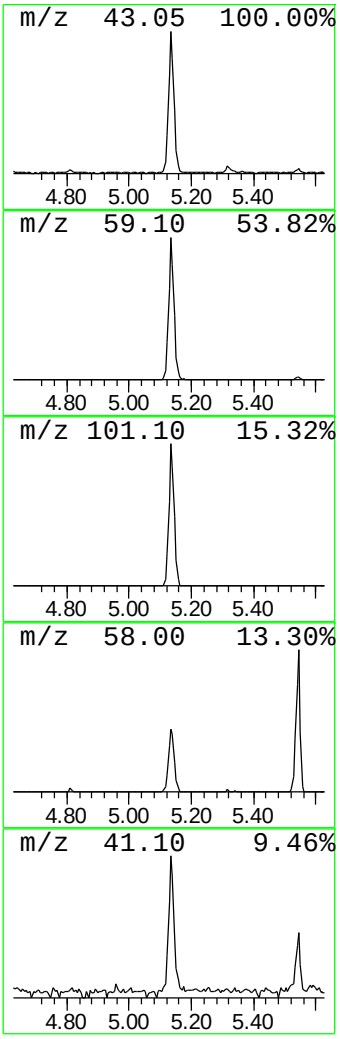
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	7.02 ng	268085	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	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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

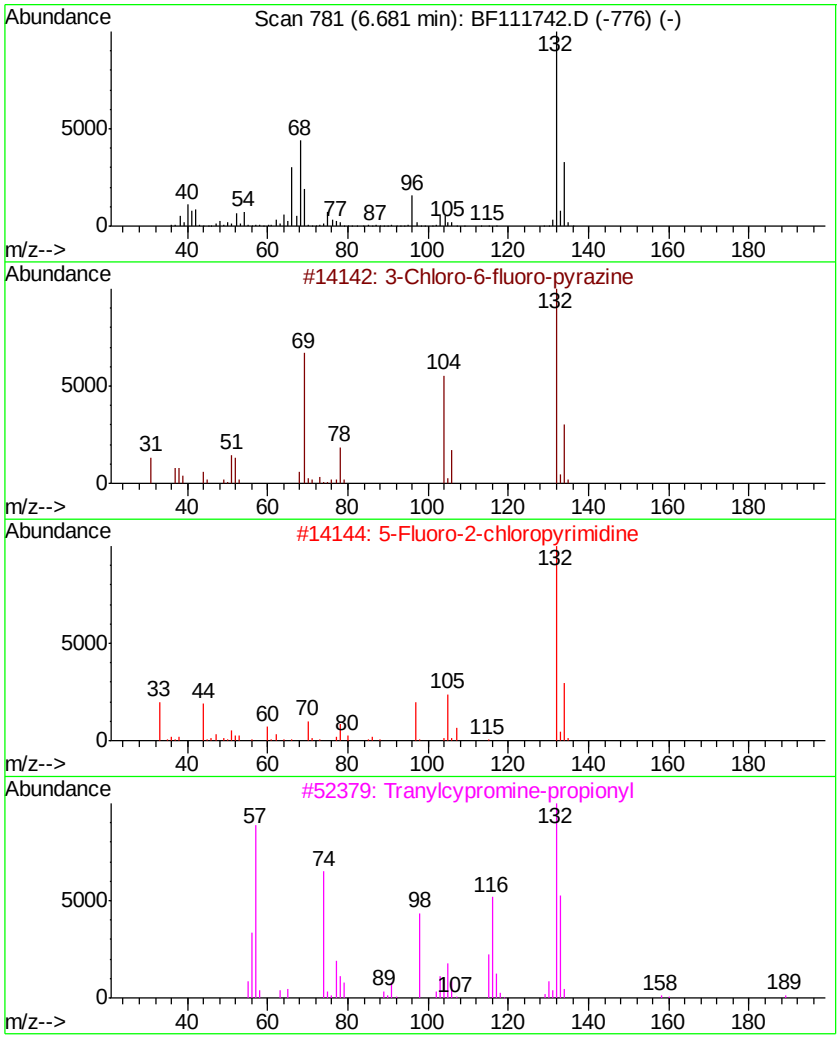
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

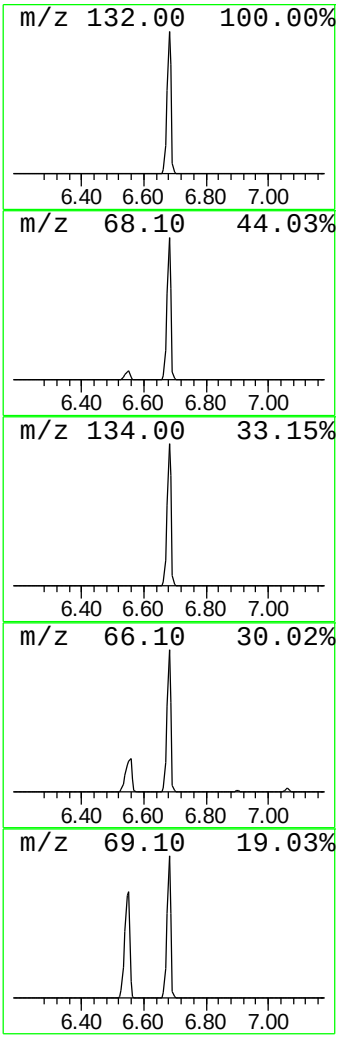
****

Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	98.25 ng	3751330	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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

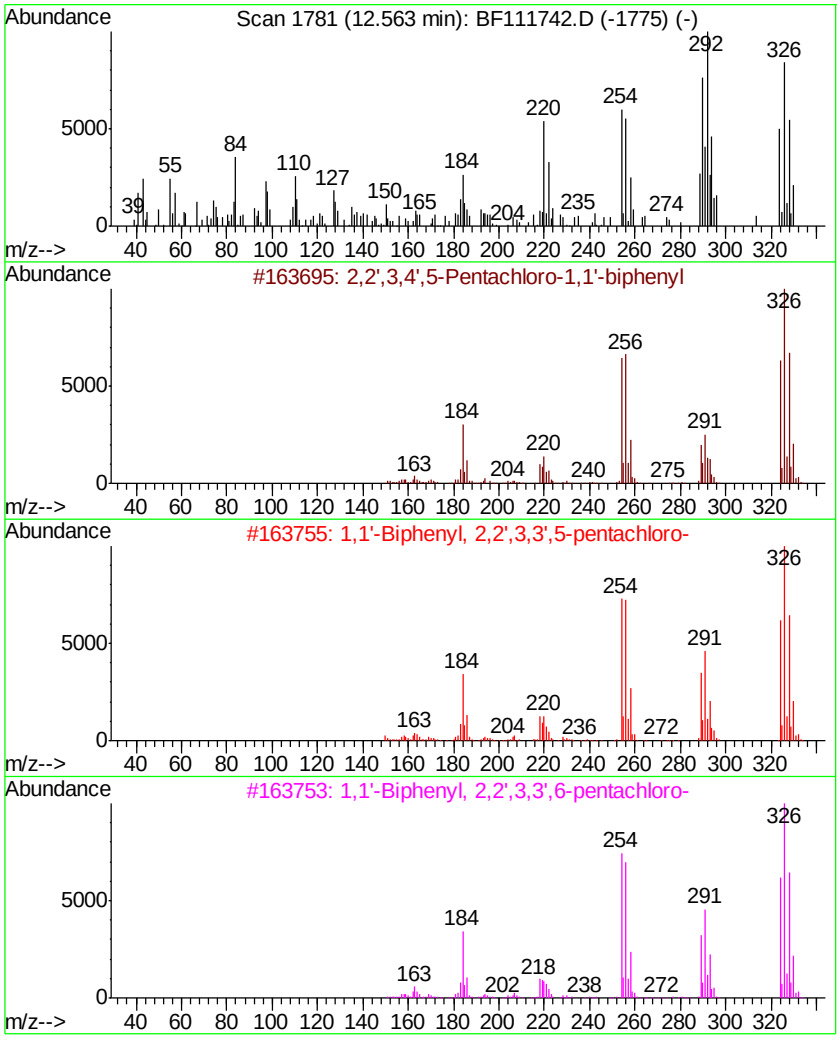
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

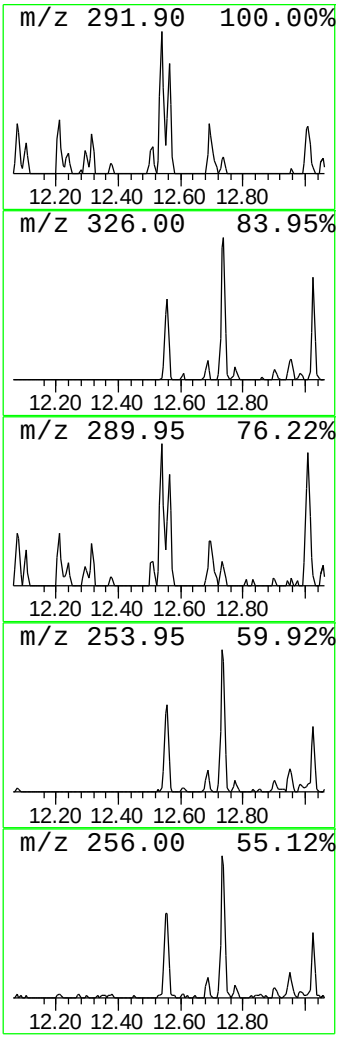
****

Peak Number 3 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	6.71 ng	281344	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
2	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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

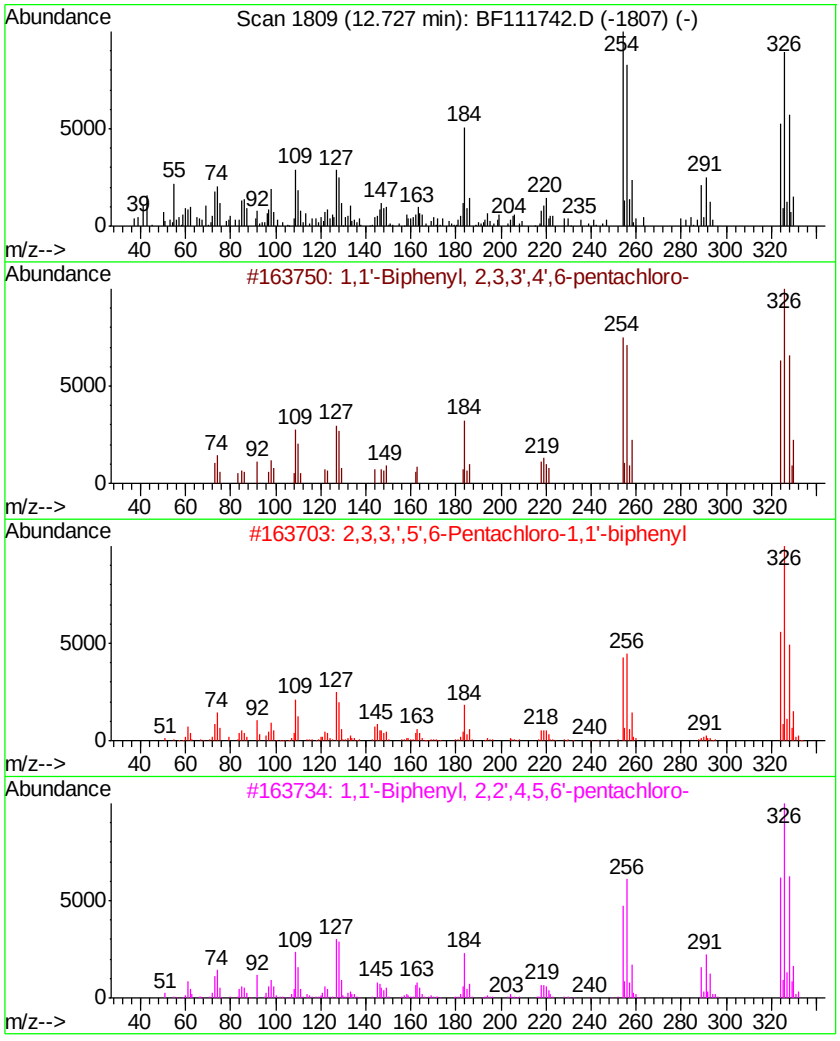
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

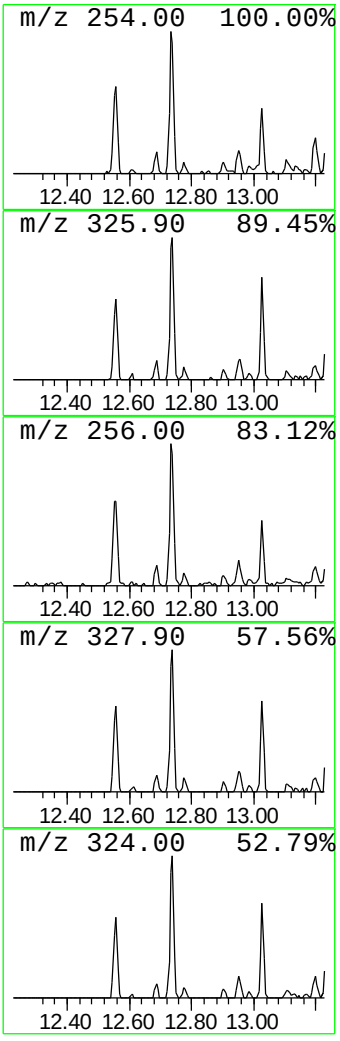
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	6.46 ng	271146	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	2,3,3,',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	99
3	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	99
4	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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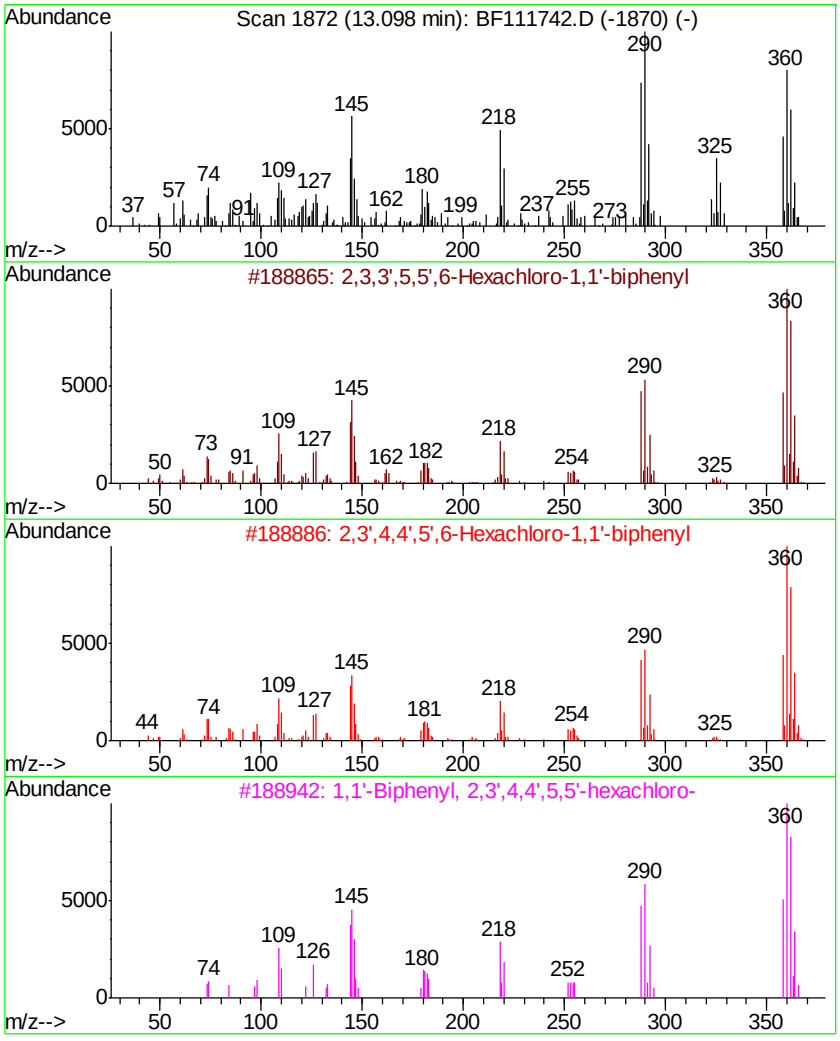
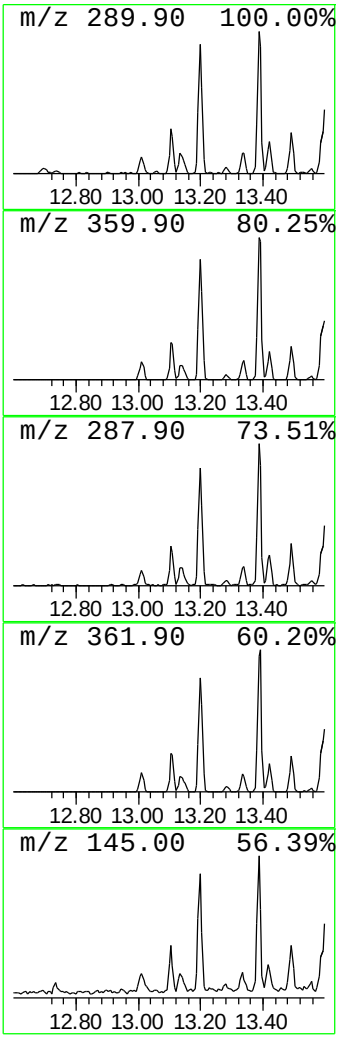
Peak Number 5 2,3,3',5,5',6-Hexachloro-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	8.07 ng	238776	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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

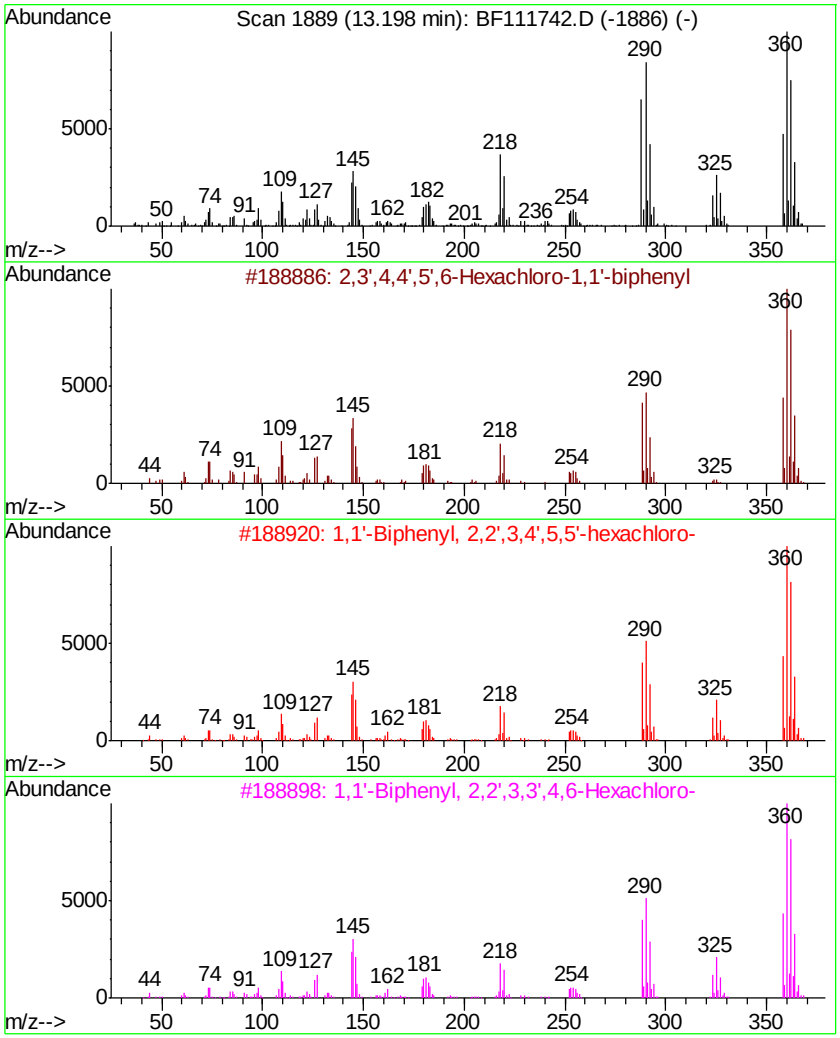
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

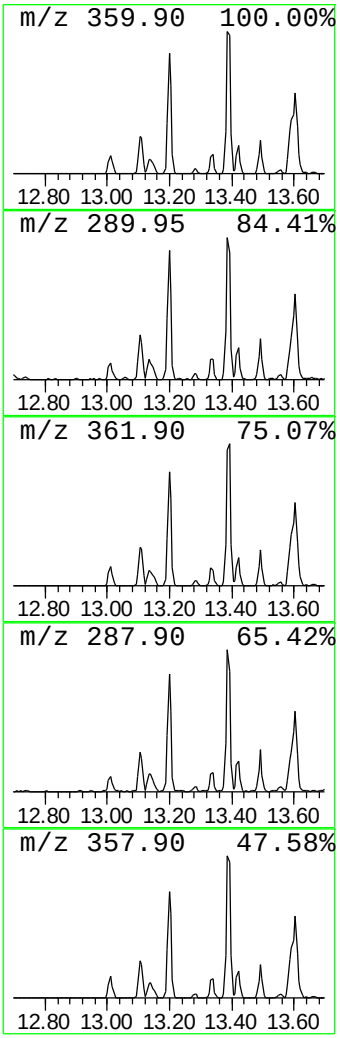
****

Peak Number 6 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	23.39 ng	692408	Chrysene-d12	14.07

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	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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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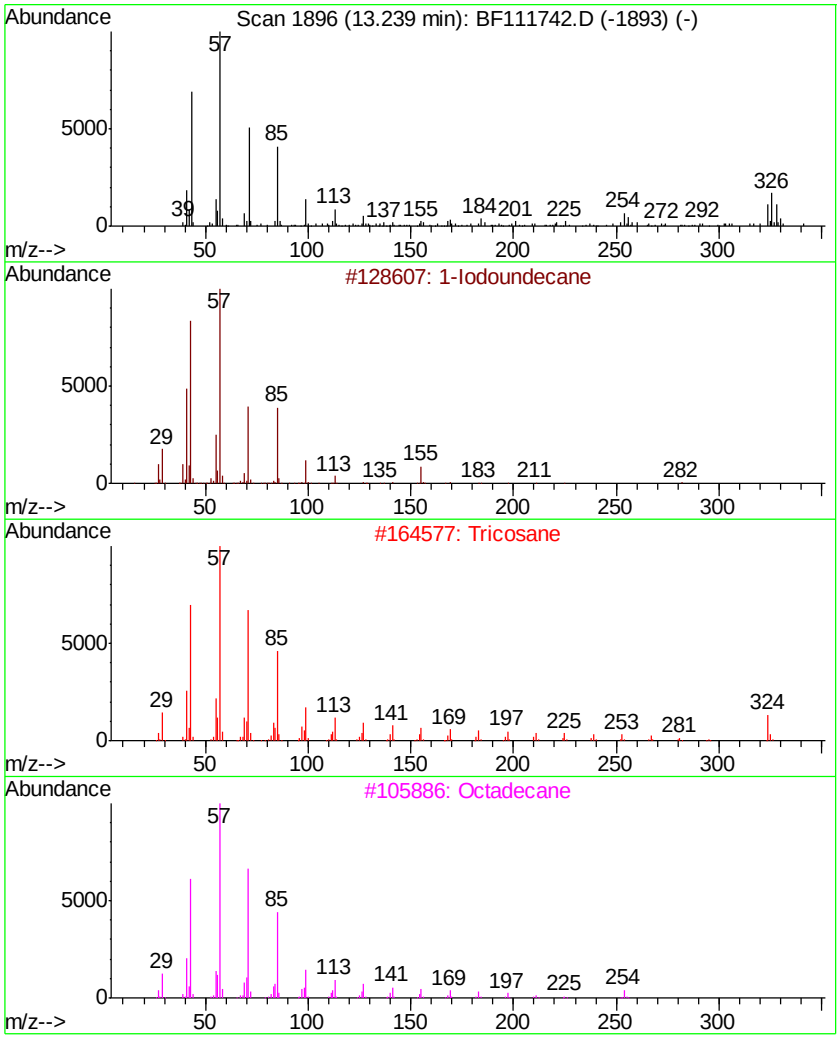
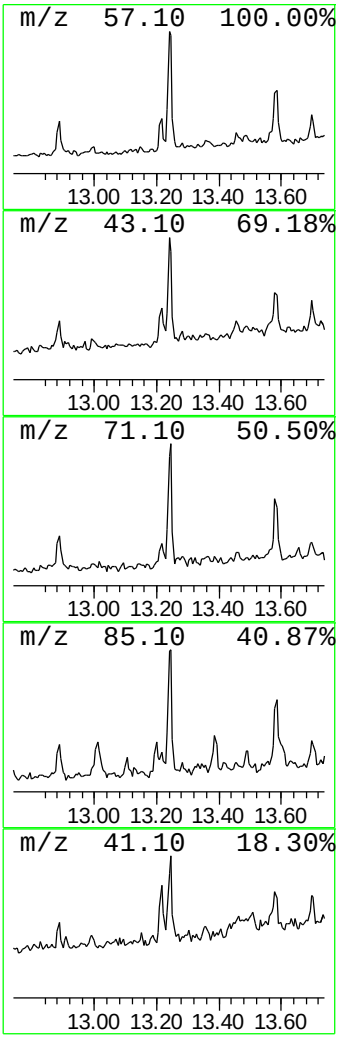
Peak Number 7 1-Iodoundecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	6.70 ng	198401	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane	282	C11H23I	004282-44-4	70
2	Tricosane	324	C23H48	000638-67-5	68
3	Octadecane	254	C18H38	000593-45-3	64
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	53
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	53





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Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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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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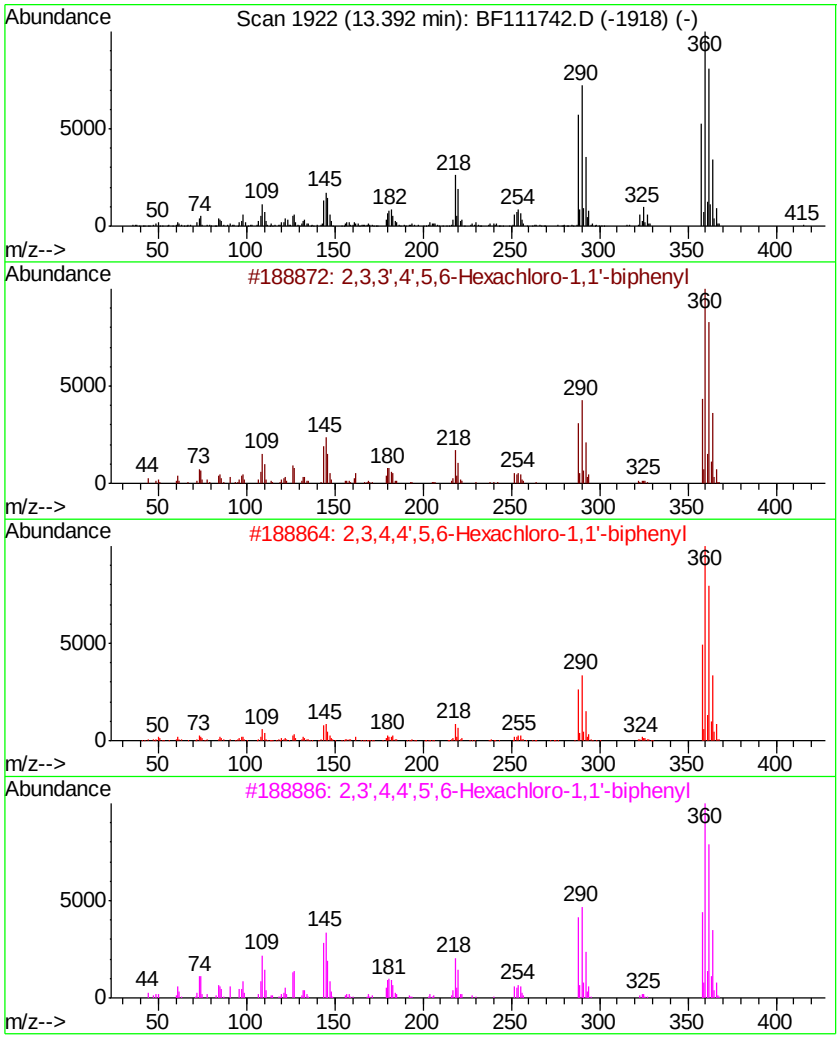
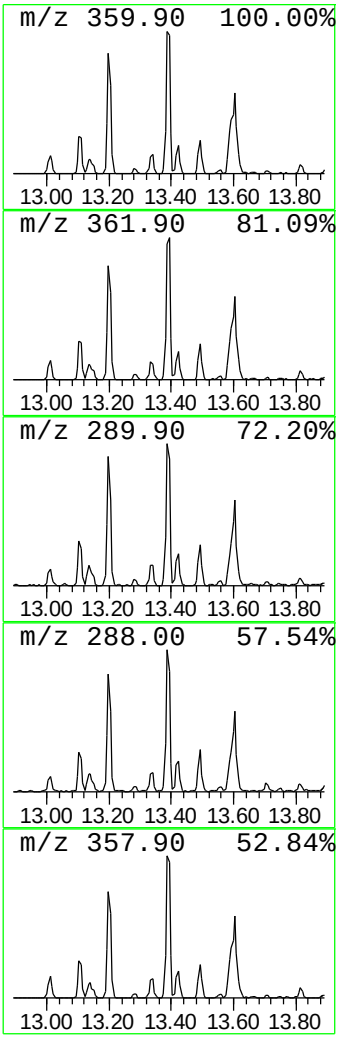
Peak Number 8 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	23.44 ng	693855	Chrysene-d12	14.07

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, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





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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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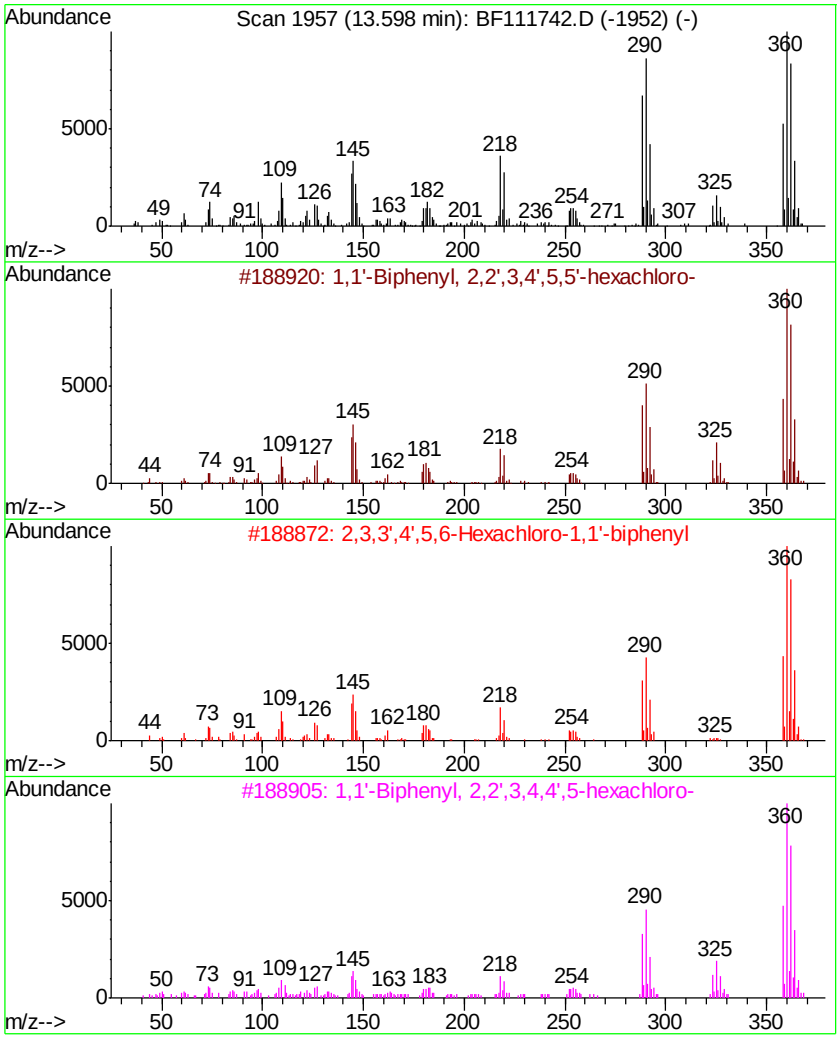
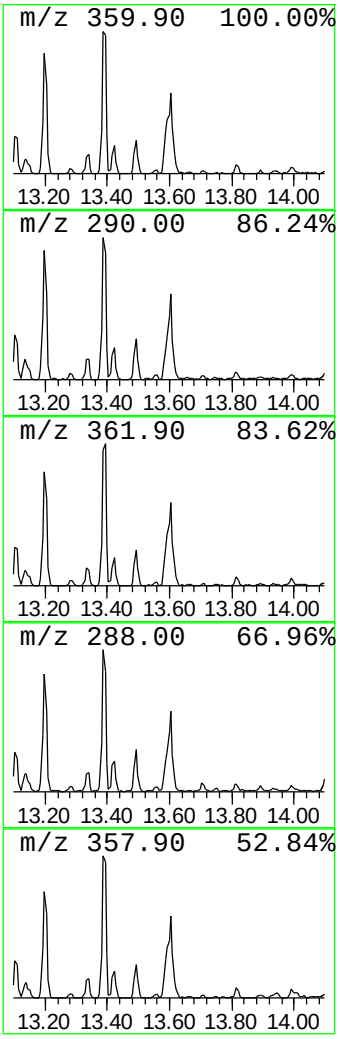
Peak Number 10 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	20.33 ng	601708	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





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ClientSampleId : P001-SS026-1218-01

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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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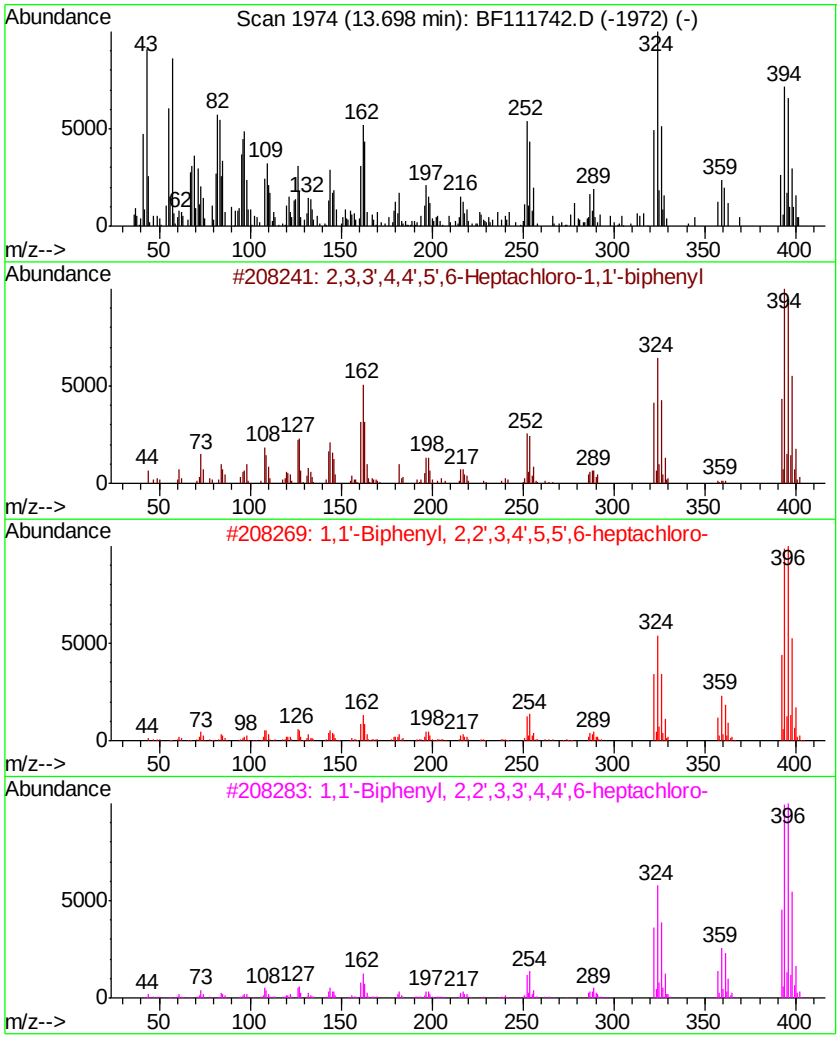
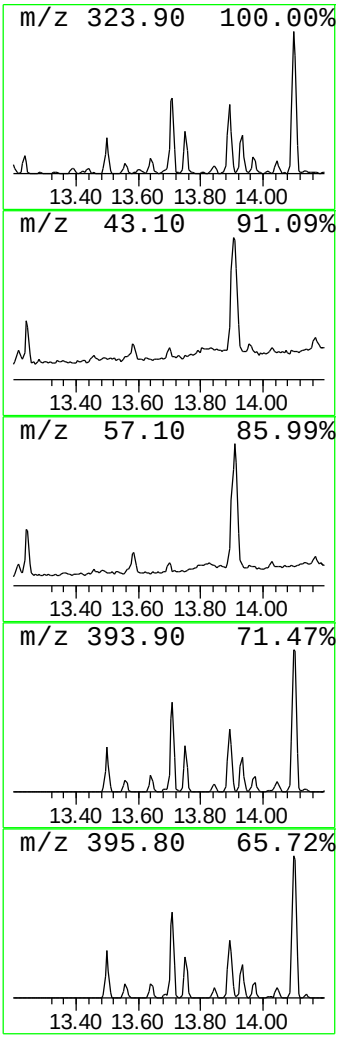
Peak Number 11 2,3,3',4,4',5',6-Heptachlor... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	13.46 ng	398504	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
2	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99





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ClientSampleId : P001-SS026-1218-01

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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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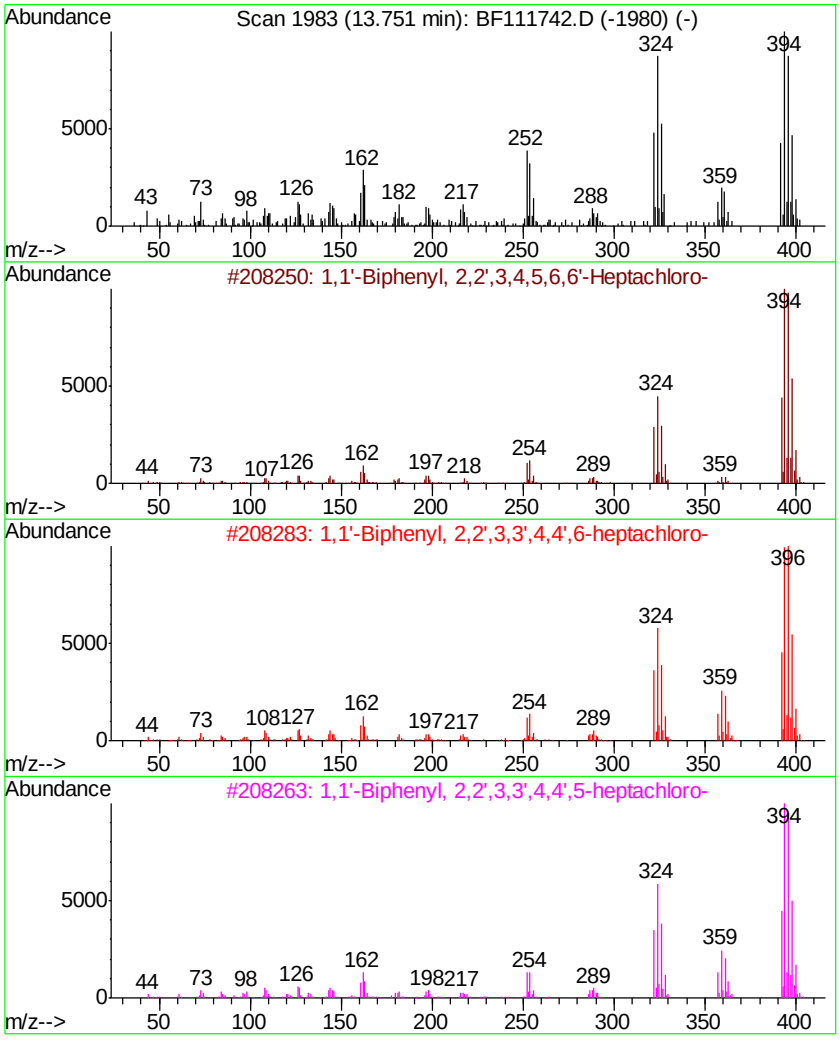
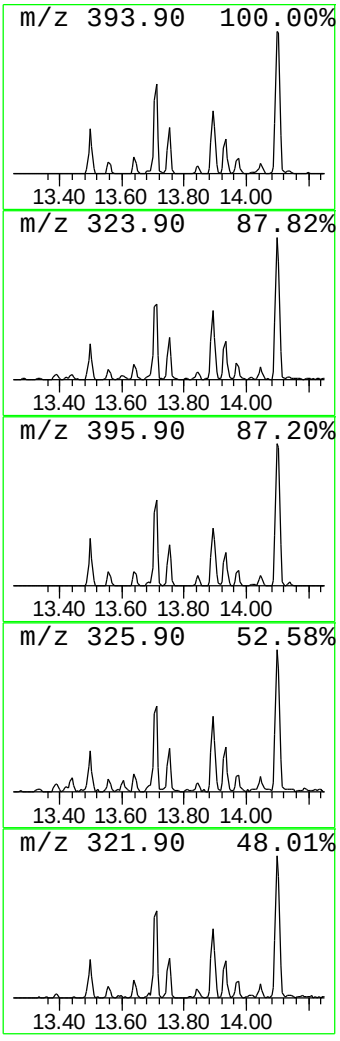
Peak Number 12 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.94 ng	175815	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	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',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99





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ClientSampleId : P001-SS026-1218-01

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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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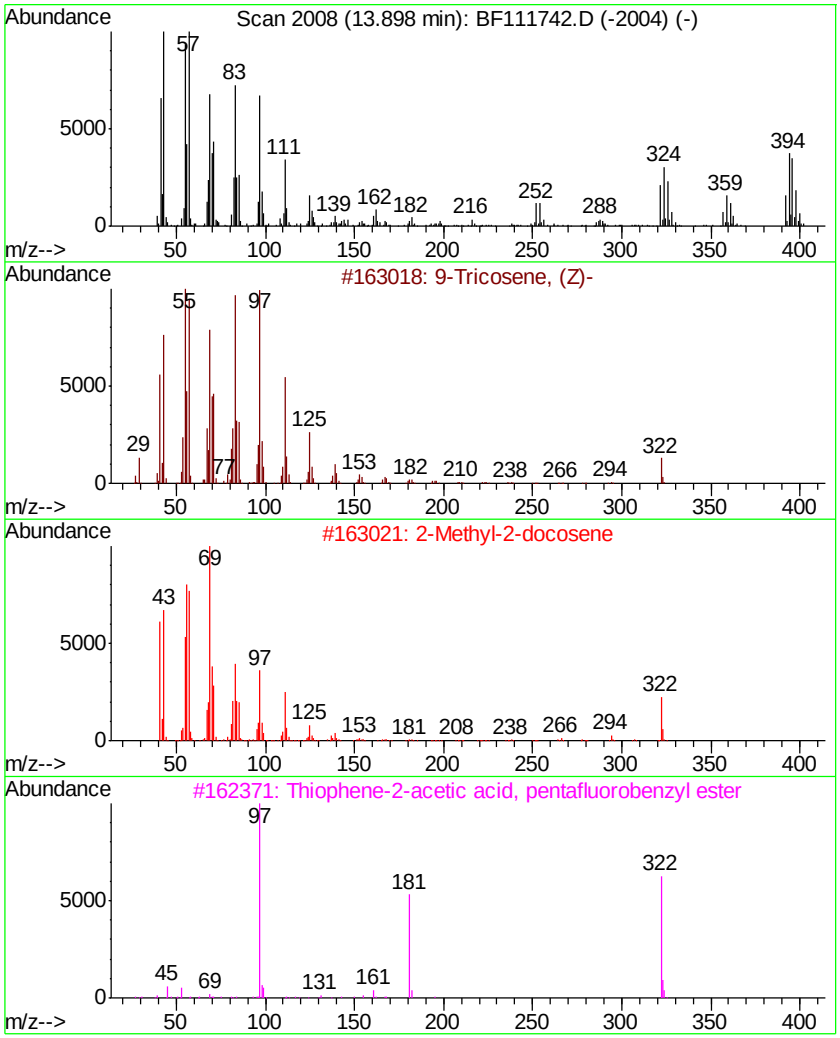
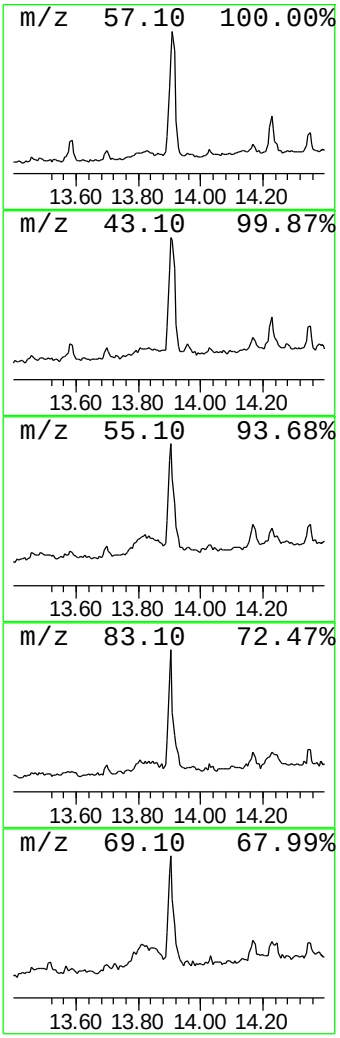
Peak Number 13 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	32.89 ng	973675	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	66
2	2-Methyl-2-docosene	322	C23H46	1000131-16-9	25
3	Thiophene-2-acetic acid, pentafl...	322	C13H7F5O2S	1000330-96-6	12
4	Octacosanol	410	C28H58O	000557-61-9	11
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	11





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Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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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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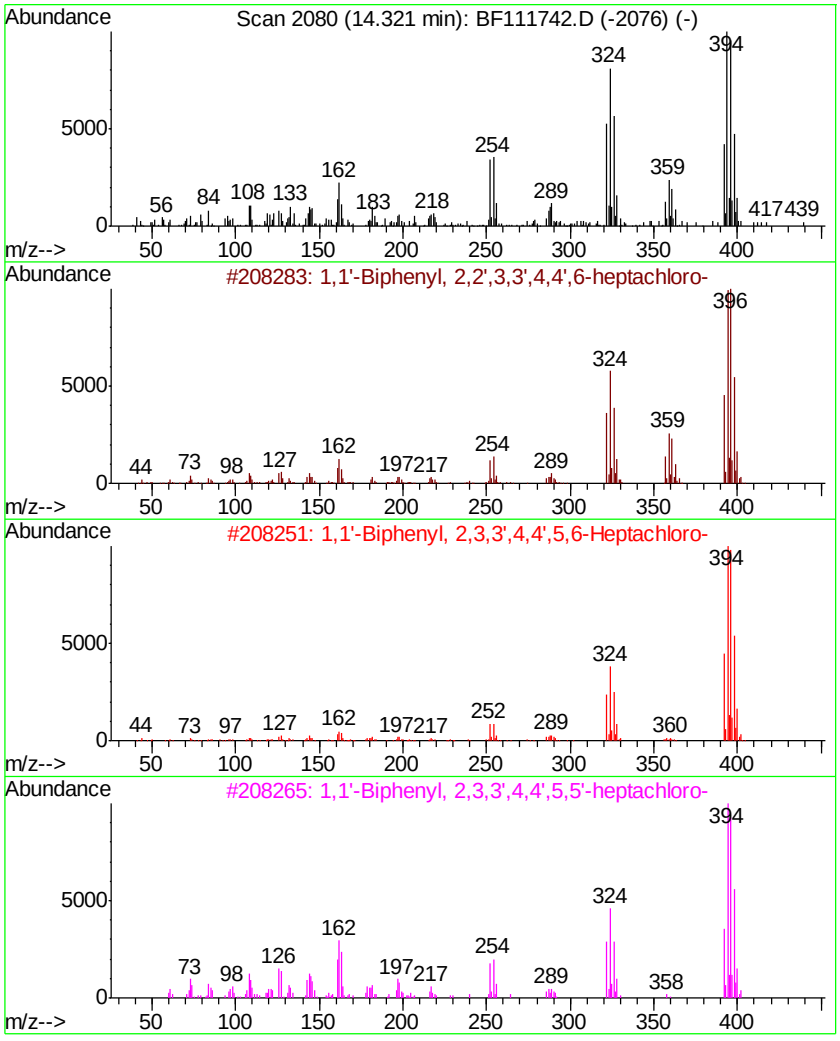
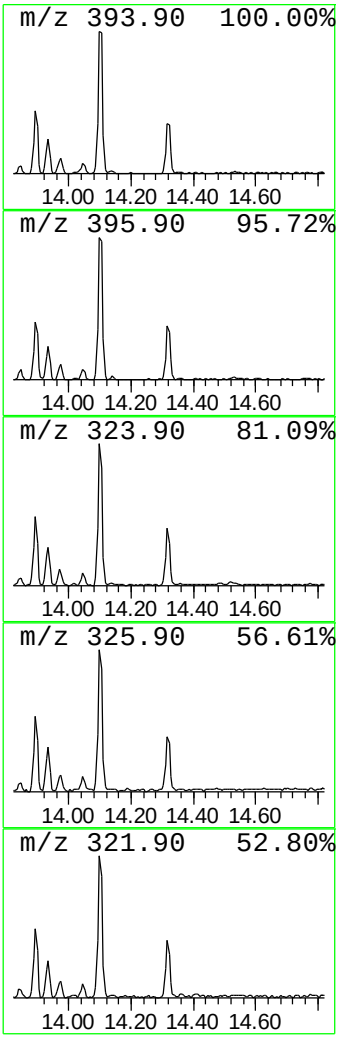
Peak Number 14 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	8.59 ng	254301	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
4	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99





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Misc :
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Instrument : BNA_F
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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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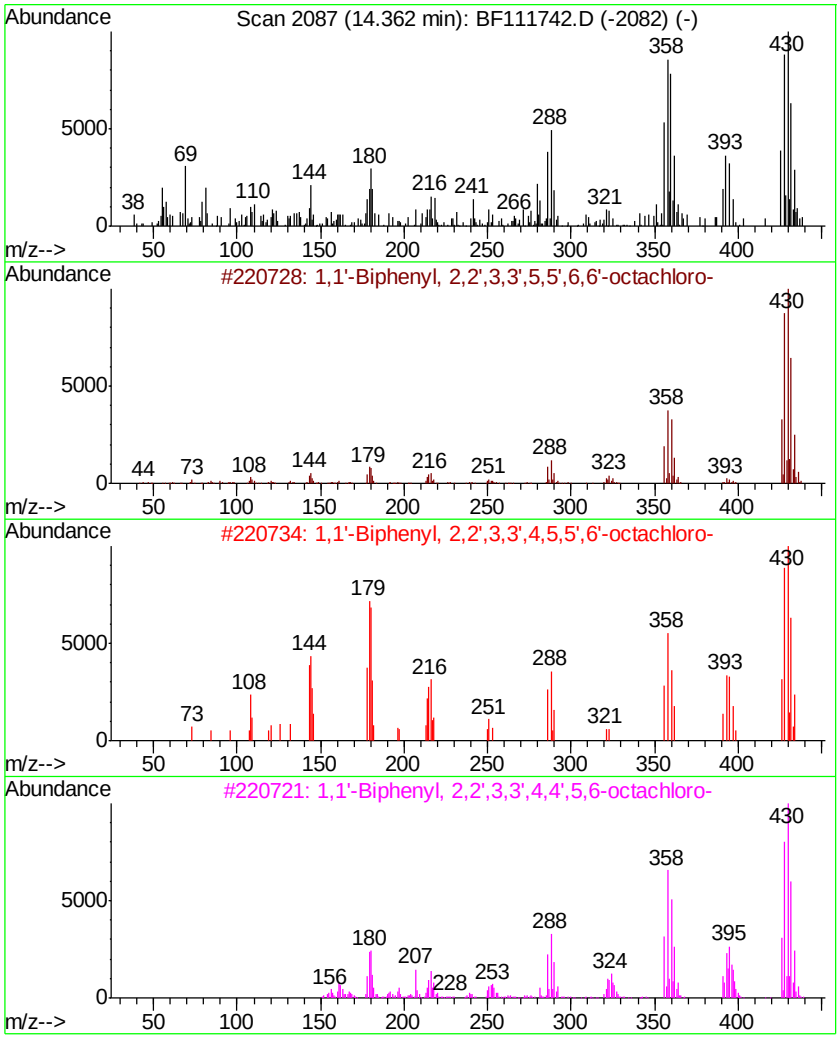
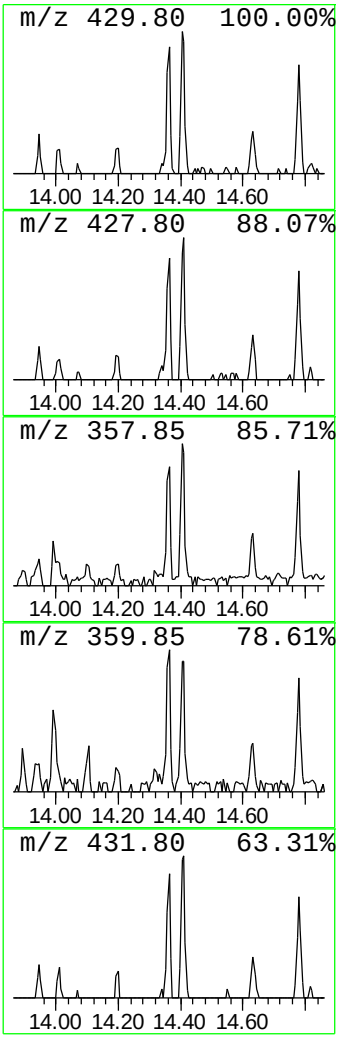
Peak Number 15 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	8.55 ng	253102	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6,...	426	C12H2Cl8	002136-99-4	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99





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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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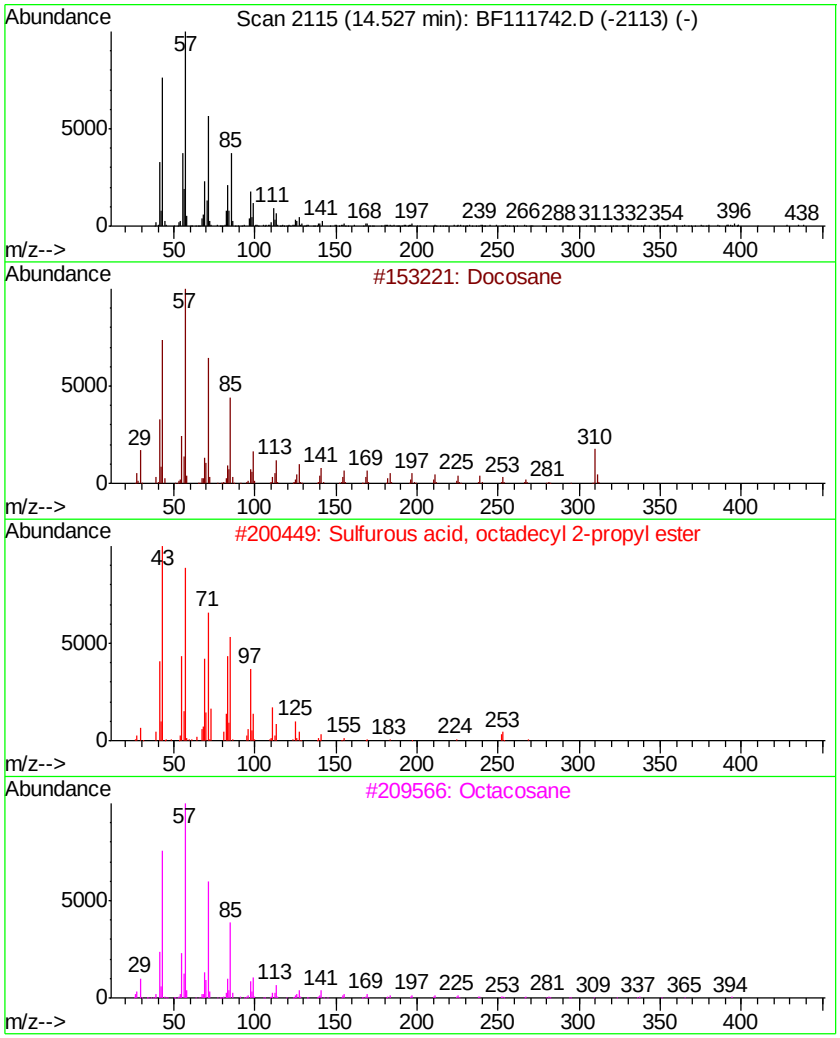
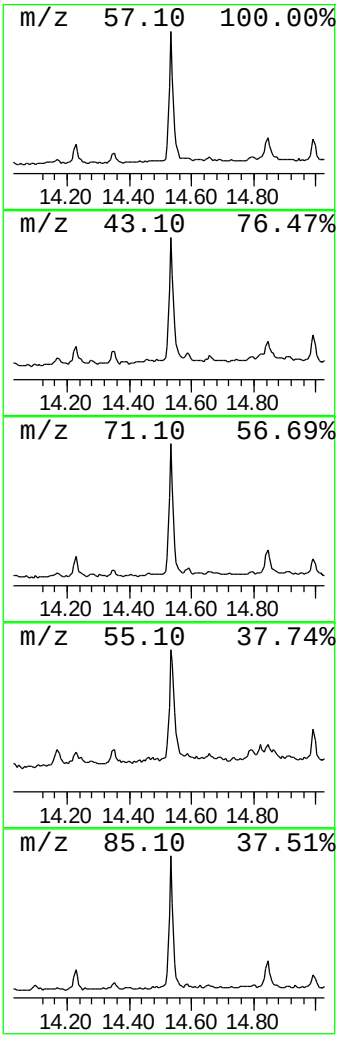
Peak Number 16 Docosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	42.41 ng	1255390	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	89
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
3	Octacosane	394	C28H58	000630-02-4	70
4	Nonadecane	268	C19H40	000629-92-5	68
5	Heptacosane	380	C27H56	000593-49-7	64





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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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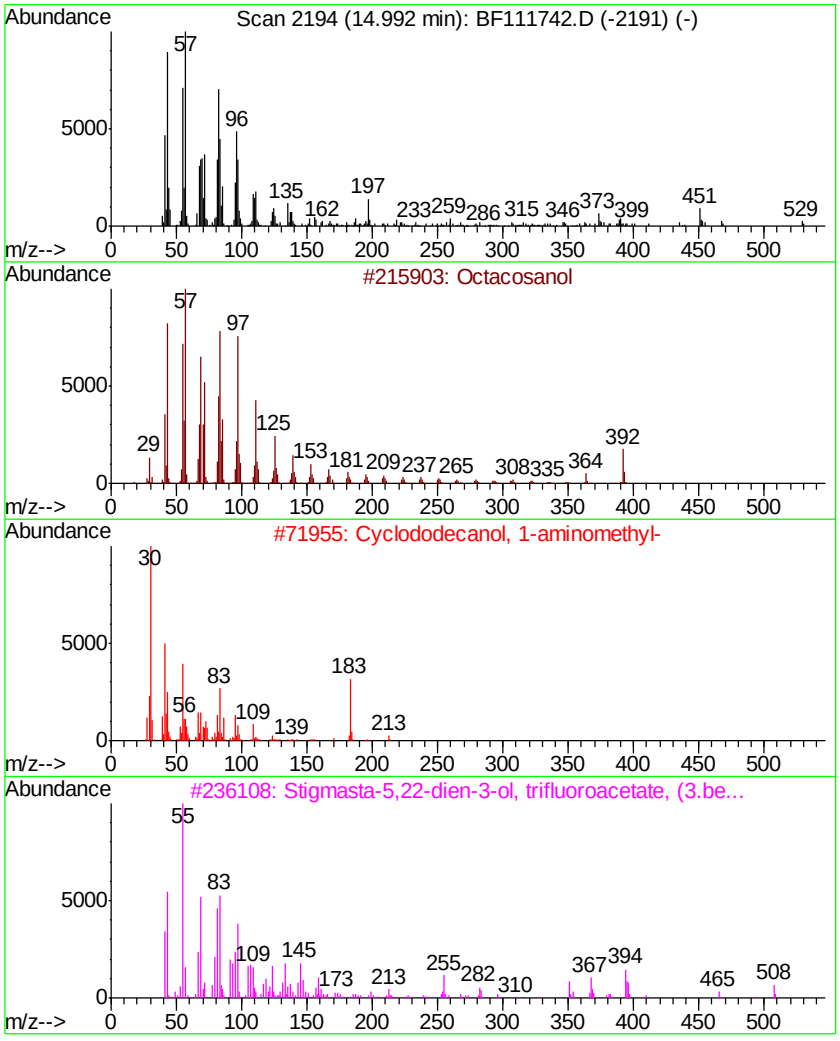
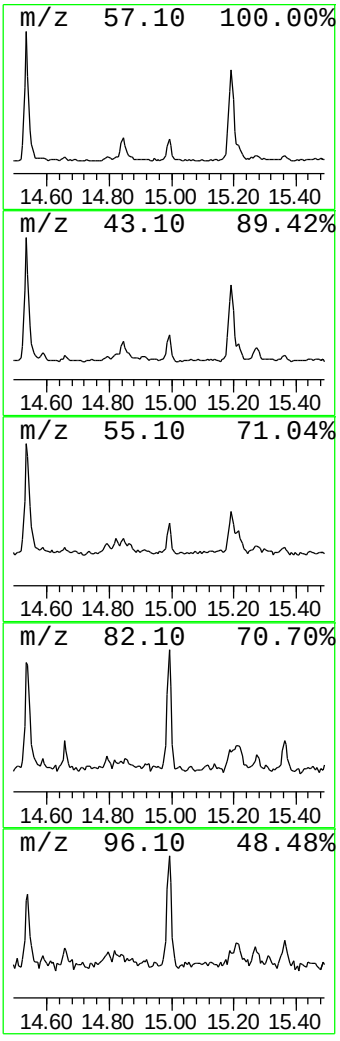
Peak Number 17 unknown14.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	14.82 ng	320468	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	27
2	Cyclododecanol, 1-aminomethyl-	213	C13H27NO	000832-29-1	12
3	Stigmasta-5,22-dien-3-ol, triflu...	508	C31H47F3O2	003870-50-6	12
4	Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	12
5	1,22-Docosanediol	342	C22H46O2	022513-81-1	10





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Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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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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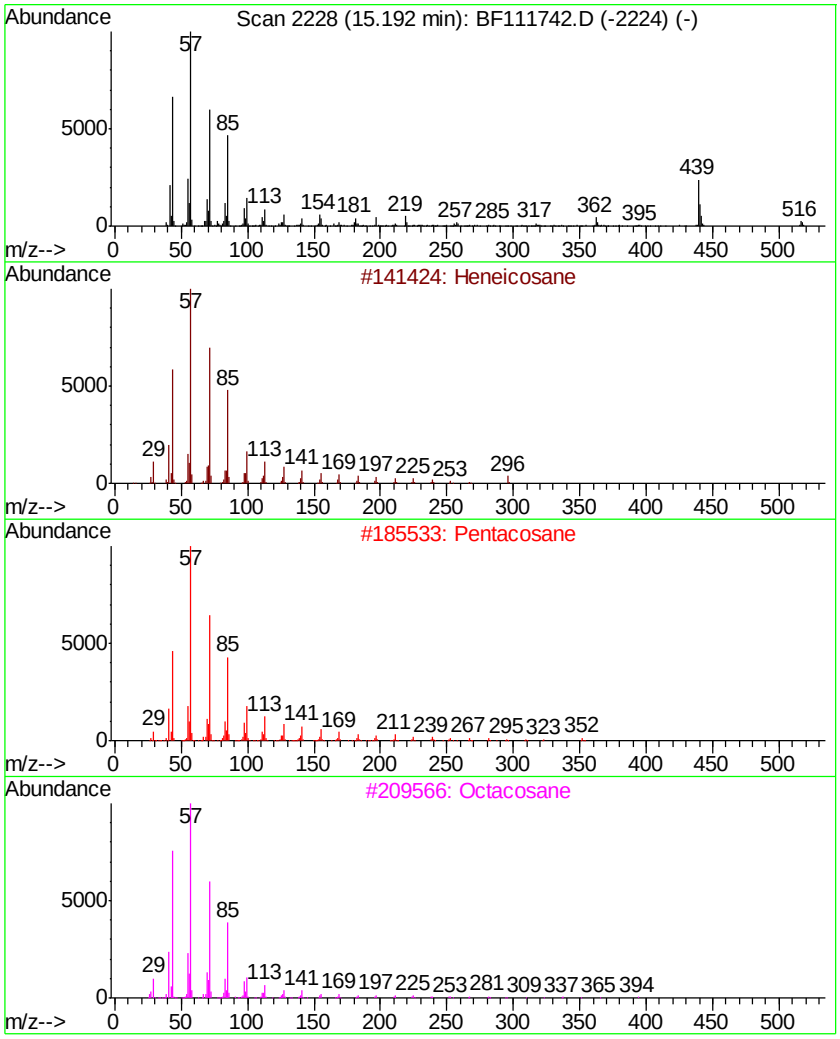
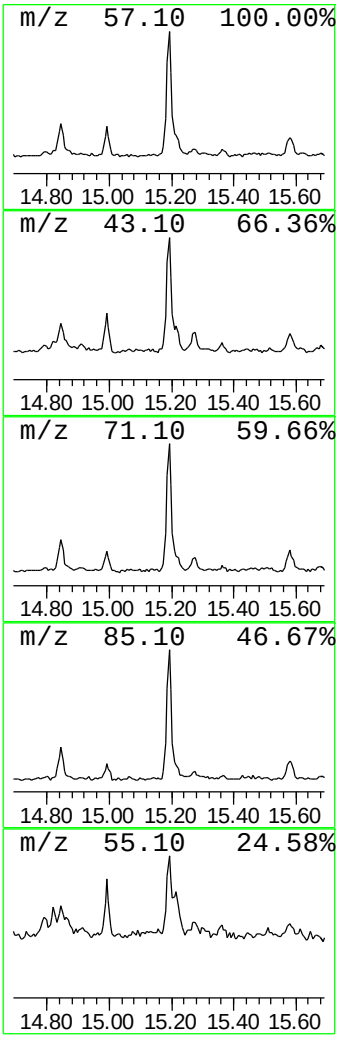
Peak Number 18 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	42.08 ng	910140	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Pentacosane	352	C25H52	000629-99-2	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	60
5	2-methyloctacosane	408	C29H60	1000376-72-8	60





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ClientSampleId : P001-SS026-1218-01

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

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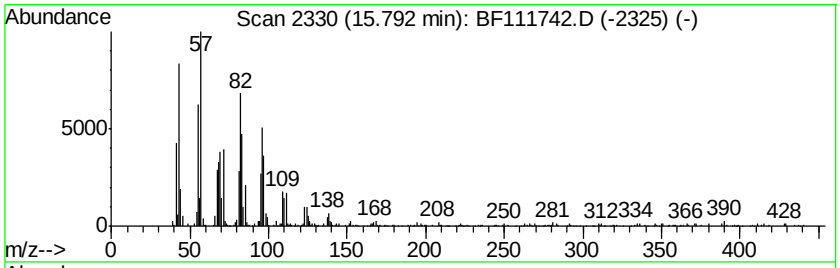
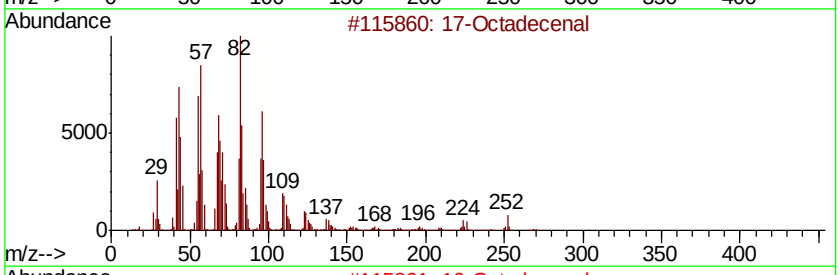
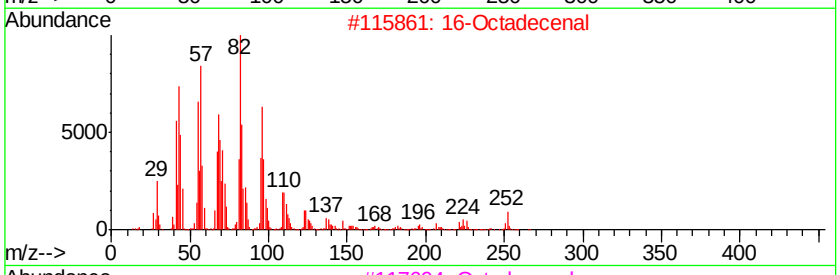
Peak Number 19 17-Octadecenal Concentration Rank 5

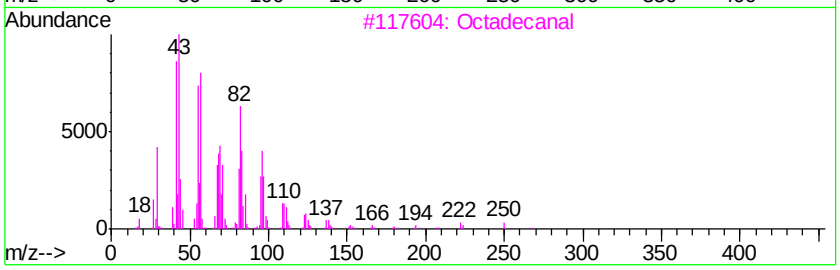
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	23.85 ng	515968	Perylene-d12	15.55

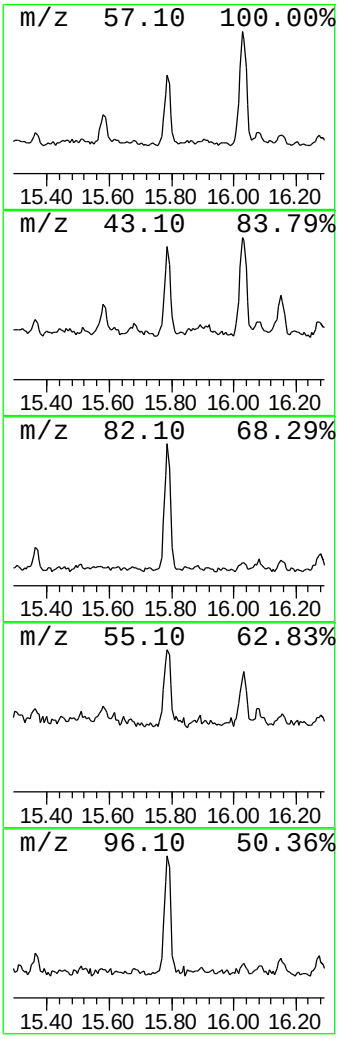
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Octadecenal	266	C18H34O	056554-86-0	91
2	16-Octadecenal	266	C18H34O	056554-87-1	91
3	Octadecanal	268	C18H36O	000638-66-4	90
4	14-Octadecenal	266	C18H34O	056554-89-3	90
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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

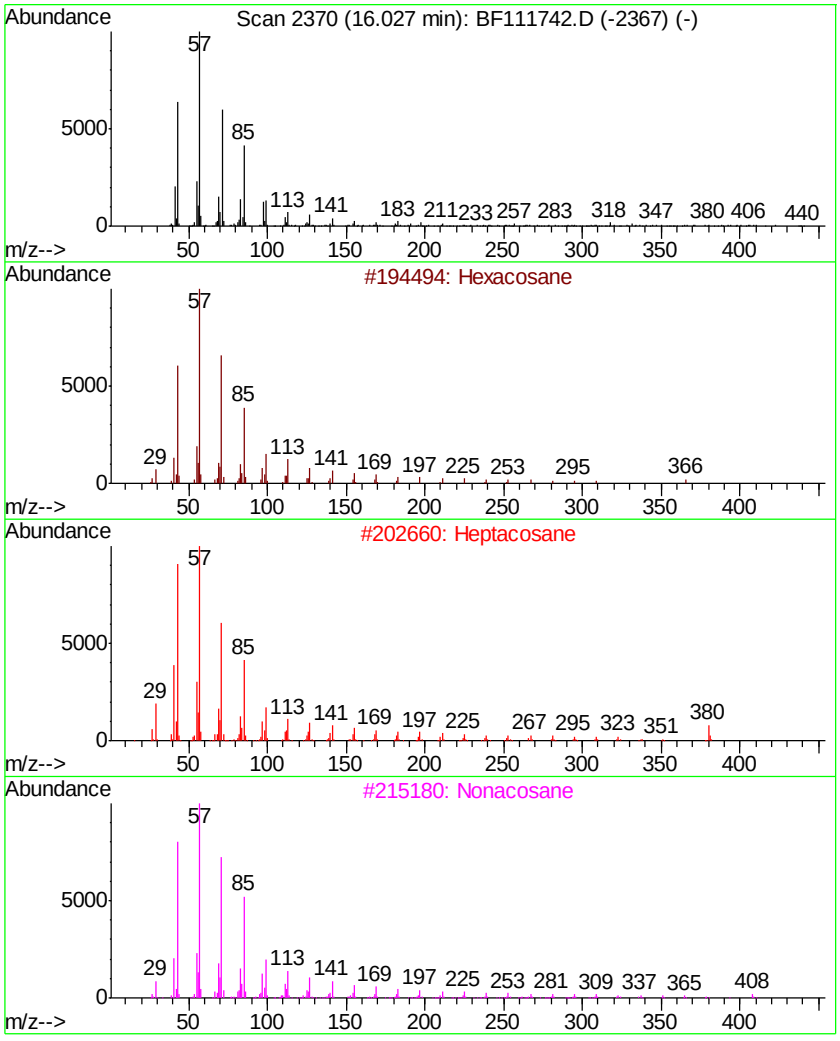
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

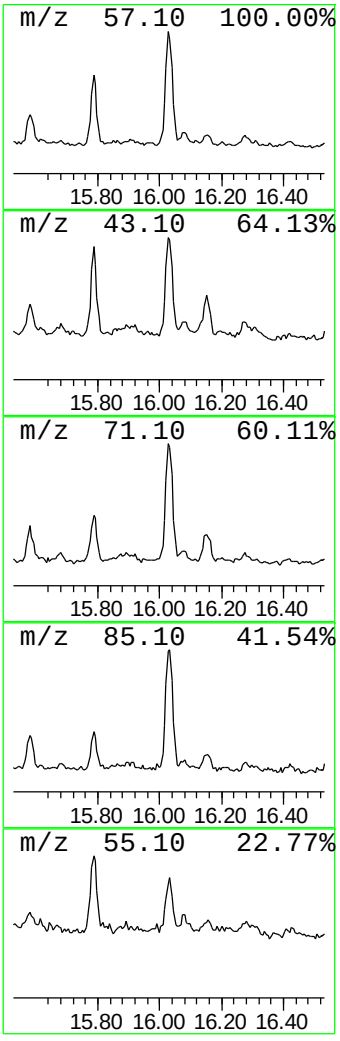
****

Peak Number 20 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	21.24 ng	459392	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heptacosane	380	C27H56	000593-49-7	93
3	Nonacosane	408	C29H60	000630-03-5	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

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...	5.13	7.0	ng	268085	1	6.90	763647	20.0
unknown6.68	6.68	98.3	ng	3751330	1	6.90	763647	20.0
2,2',3,4',5-Penta...	12.56	6.7	ng	281344	4	11.43	838859	20.0
1,1'-Biphenyl, 2,...	12.73	6.5	ng	271146	4	11.43	838859	20.0
2,3,3',5,5',6-Hex...	13.10	8.1	ng	238776	5	14.07	591999	20.0
2,3',4,4',5',6-He...	13.20	23.4	ng	692408	5	14.07	591999	20.0
1-Iodoundecane	13.24	6.7	ng	198401	5	14.07	591999	20.0
2,3,3',4',5,6-Hex...	13.39	23.4	ng	693855	5	14.07	591999	20.0
1,1'-Biphenyl, 2,...	13.60	20.3	ng	601708	5	14.07	591999	20.0
2,3,3',4,4',5',6-...	13.70	13.5	ng	398504	5	14.07	591999	20.0
1,1'-Biphenyl, 2,...	13.75	5.9	ng	175815	5	14.07	591999	20.0
9-Tricosene, (Z)-	13.90	32.9	ng	973675	5	14.07	591999	20.0
1,1'-Biphenyl, 2,...	14.32	8.6	ng	254301	5	14.07	591999	20.0
1,1'-Biphenyl, 2,...	14.36	8.6	ng	253102	5	14.07	591999	20.0
Docosane	14.53	42.4	ng	1255390	5	14.07	591999	20.0
unknown14.99	14.99	14.8	ng	320468	6	15.55	432599	20.0
Heneicosane	15.19	42.1	ng	910140	6	15.55	432599	20.0
17-Octadecenal	15.79	23.9	ng	515968	6	15.55	432599	20.0
Hexacosane	16.03	21.2	ng	459392	6	15.55	432599	20.0