LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101111.D
Acq On : 4 Dec 2017 21:09
Operator : SJ/JU
Sample : I6671-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	2.157	10	12	23	rVB3	9494	17131	1.01%	0.130%
2	5.087	506	510	520	rBV	68842	105725	6.22%	0.804%
3	5.475	571	576	579	rBV	1395512	1455861	85.69%	11.072%
4	6.487	742	748	756	rBV	1304160	1541102	90.71%	11.721%
5	6.622	766	771	774	rBV	1617210	1540735	90.68%	11.718%
6	6.845	806	809	813	rBV	349543	305475	17.98%	2.323%
7	7.004	832	836	839	rBV	1301416	1179141	69.40%	8.968%
8	7.416	900	906	909	rBV	918017	907309	53.40%	6.900%
9	8.128	1024	1027	1031	rBV	436917	389147	22.90%	2.960%
10	9.210	1205	1211	1214	rBV	1782829	1699000	100.00%	12.922%
11	9.275	1219	1222	1225	rVB	34671	27309	1.61%	0.208%
12	9.598	1272	1277	1284	rVB	99681	95165	5.60%	0.724%
13	9.804	1309	1312	1317	rBV	71955	60118	3.54%	0.457%
14	9.886	1322	1326	1330	rVV	498720	418462	24.63%	3.183%
15	10.304	1394	1397	1400	rVB	97067	73920	4.35%	0.562%
16	10.527	1429	1435	1437	rBV2	27106	33286	1.96%	0.253%
17	10.680	1457	1461	1464	rBV	960187	872699	51.37%	6.637%
18	10.780	1475	1478	1483	rBV	92171	108387	6.38%	0.824%
19	11.227	1551	1554	1556	rBV	69440	53284	3.14%	0.405%
20	11.374	1575	1579	1583	rBV	458307	371115	21.84%	2.822%
21	11.651	1623	1626	1629	rBV	51533	38423	2.26%	0.292%
22	12.057	1693	1695	1698	rBV	33677	27826	1.64%	0.212%
23	12.445	1757	1761	1762	rBV2	44915	45480	2.68%	0.346%
24	12.463	1762	1764	1766	rVB	39035	29724	1.75%	0.226%
25	12.963	1844	1849	1852	rBV	1222934	1173636	69.08%	8.926%
26	13.839	1995	1998	2002	rBV2	15074	17142	1.01%	0.130%
27	14.015	2025	2028	2032	rBV	312967	285257	16.79%	2.170%
28	14.627	2128	2132	2135	rBV	34360	30973	1.82%	0.236%
29	15.492	2274	2279	2287	rVB2	188016	245669	14.46%	1.868%

Sum of corrected areas: 13148501

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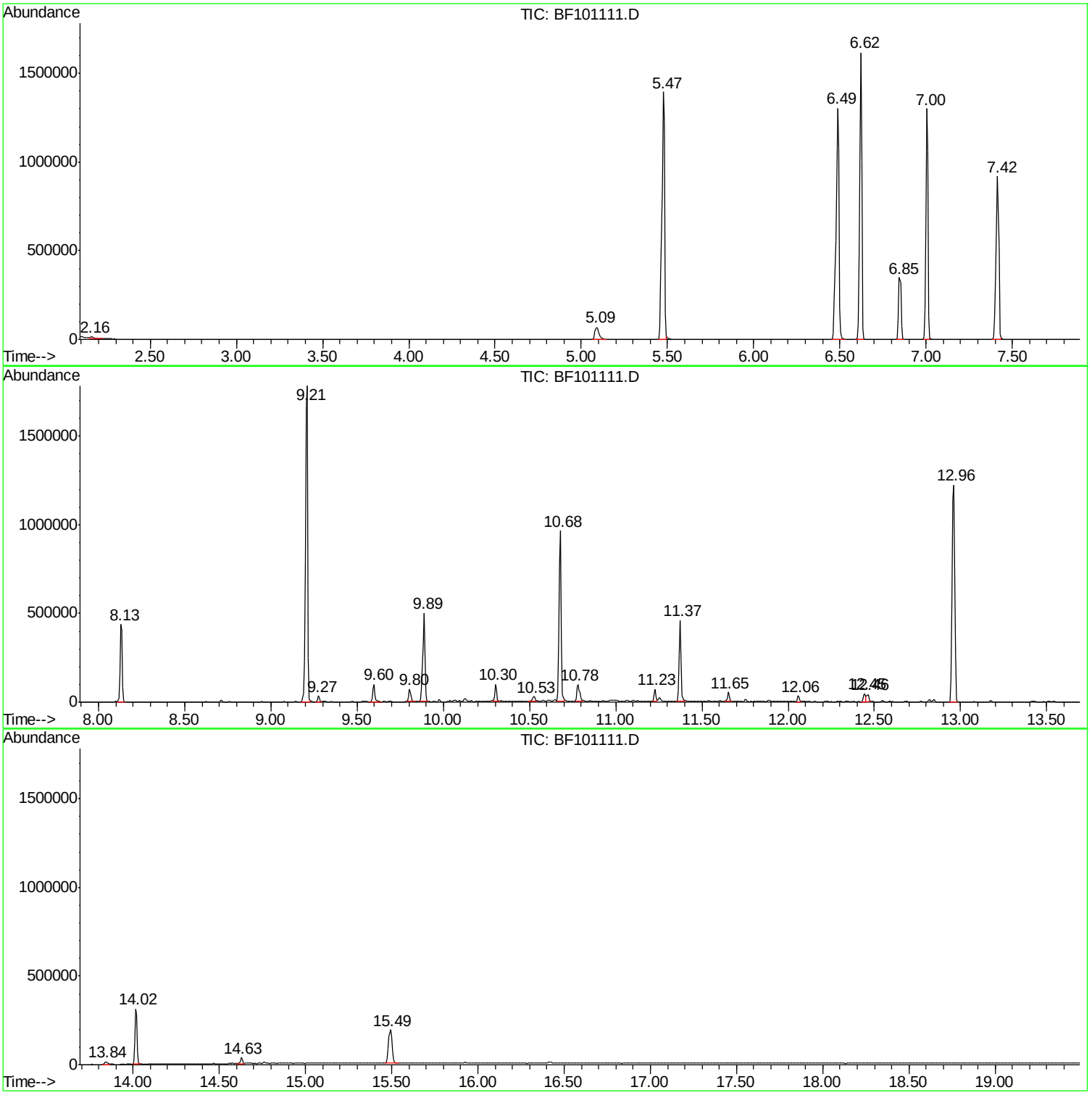
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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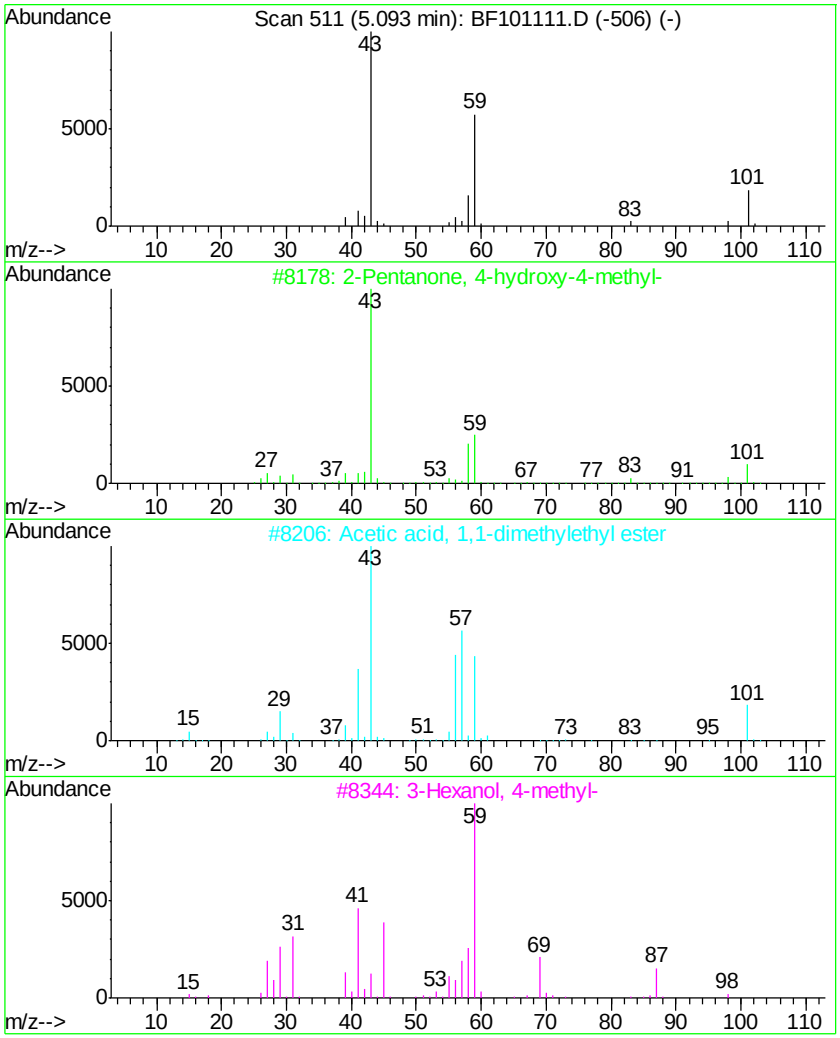
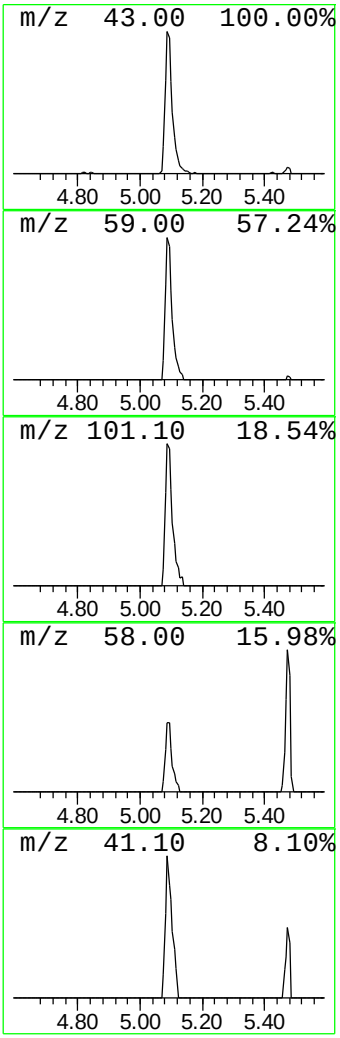
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	6.92 ng	105725	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Sample : I6671-03
Misc :
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Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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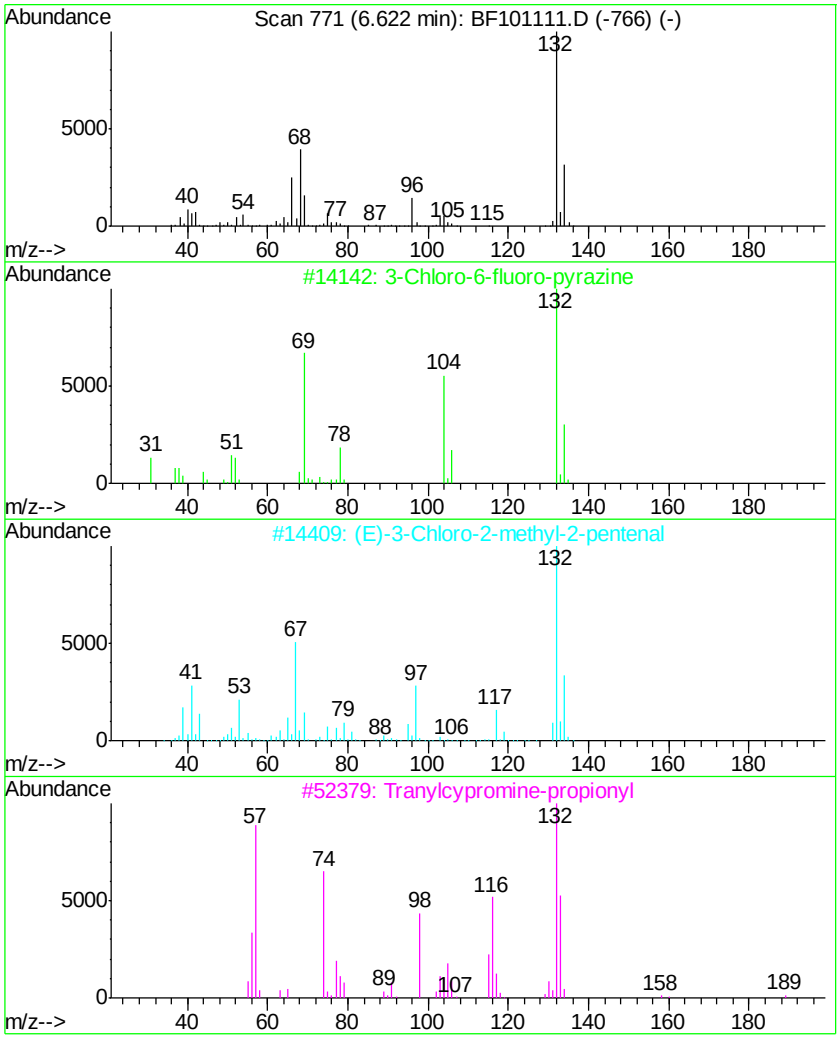
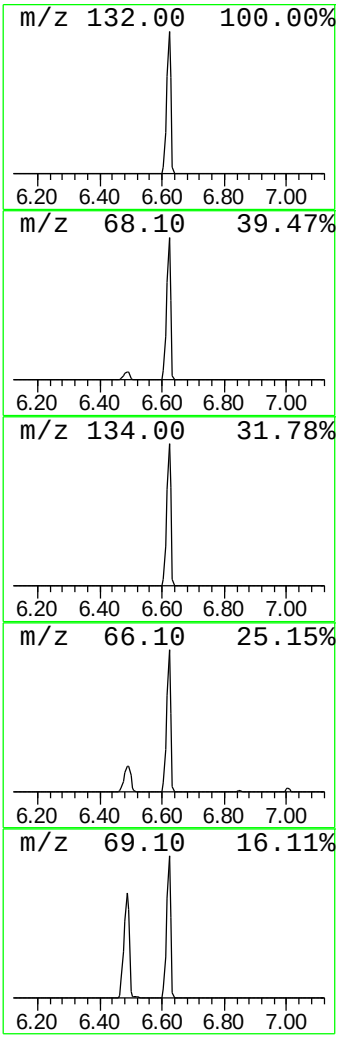
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	100.88 ng	1540740	1,4-Dichlorobenzene-d4	6.85

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	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : SJ/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
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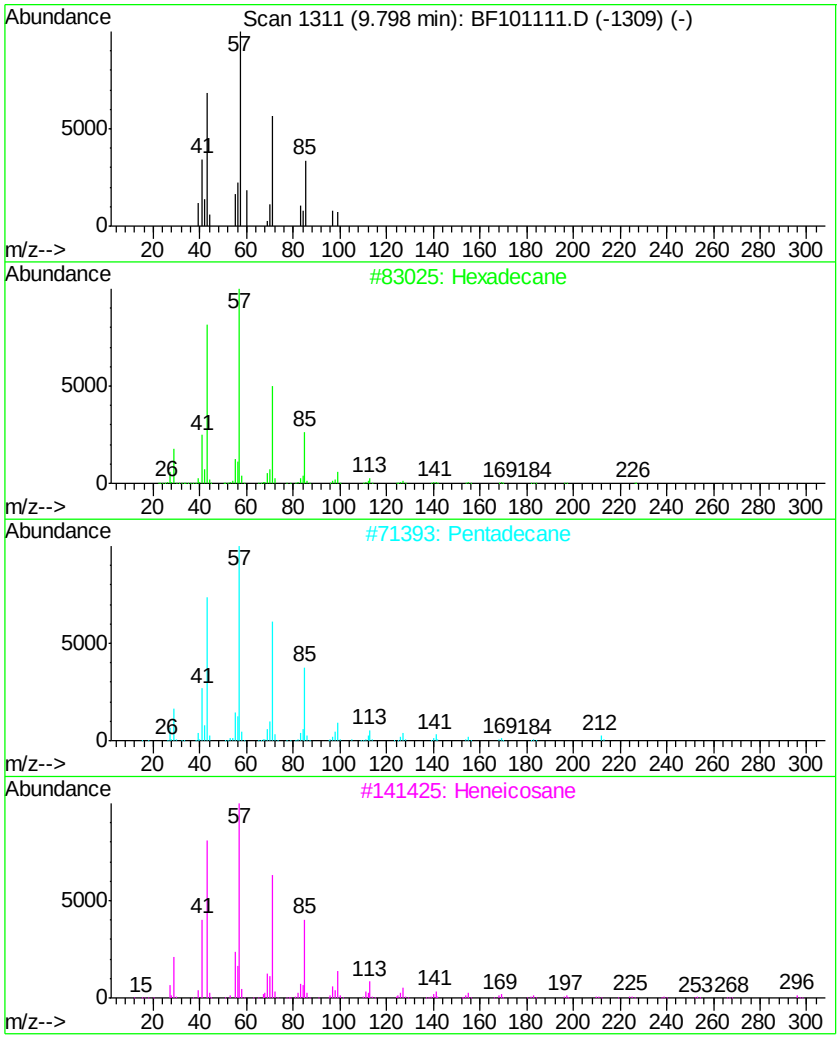
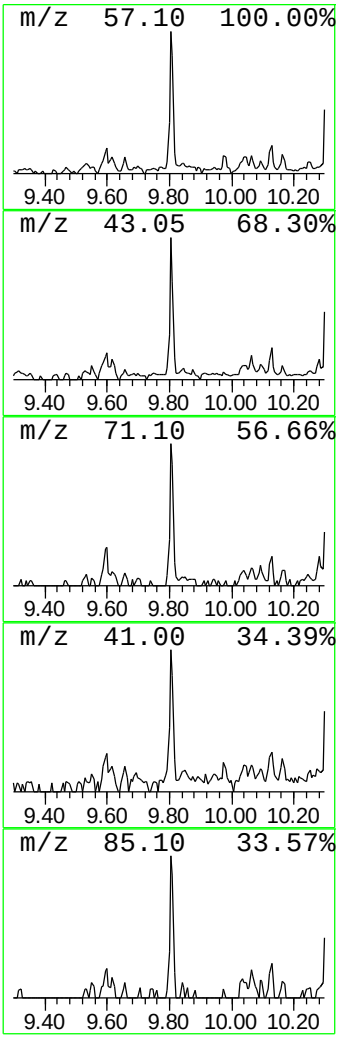
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	2.87 ng	60118	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Heneicosane	296	C21H44	000629-94-7	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	80





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Operator : SJ/JU
Sample : I6671-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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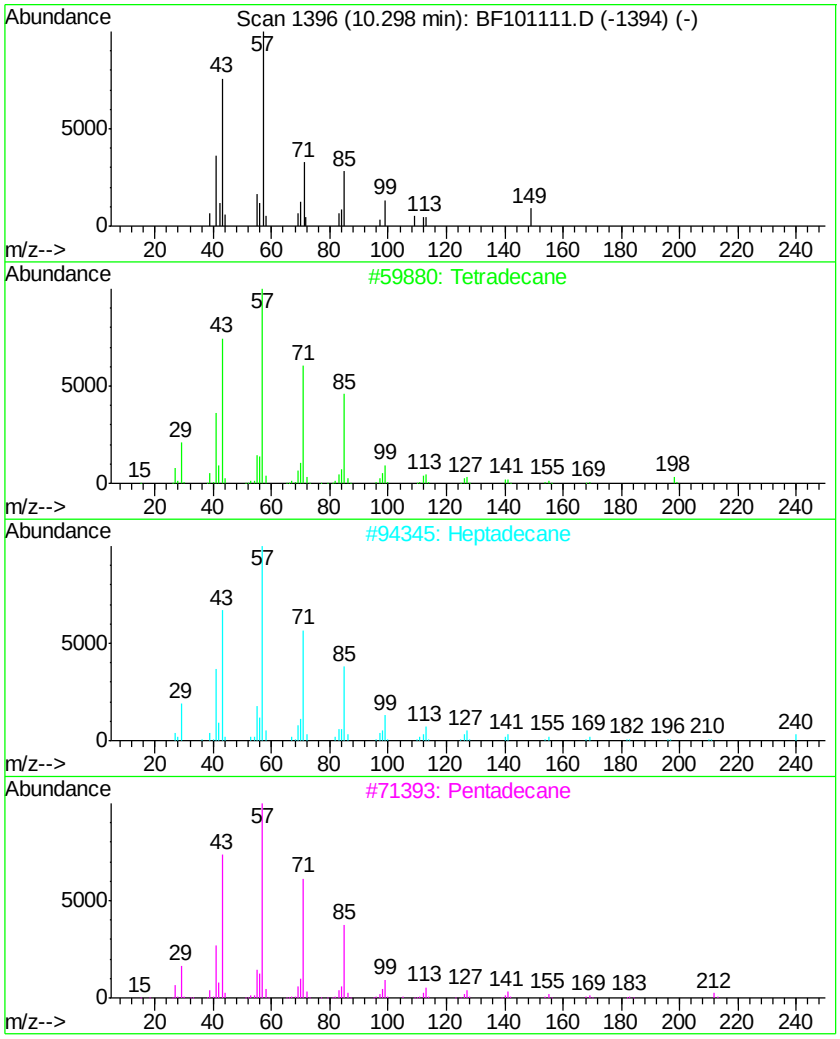
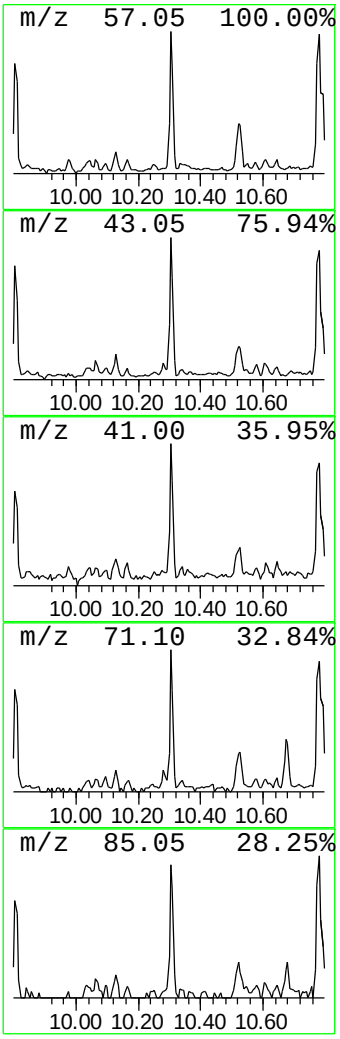
Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	3.53 ng	73920	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101111.D
Acq On : 4 Dec 2017 21:09
Operator : SJ/JU
Sample : I6671-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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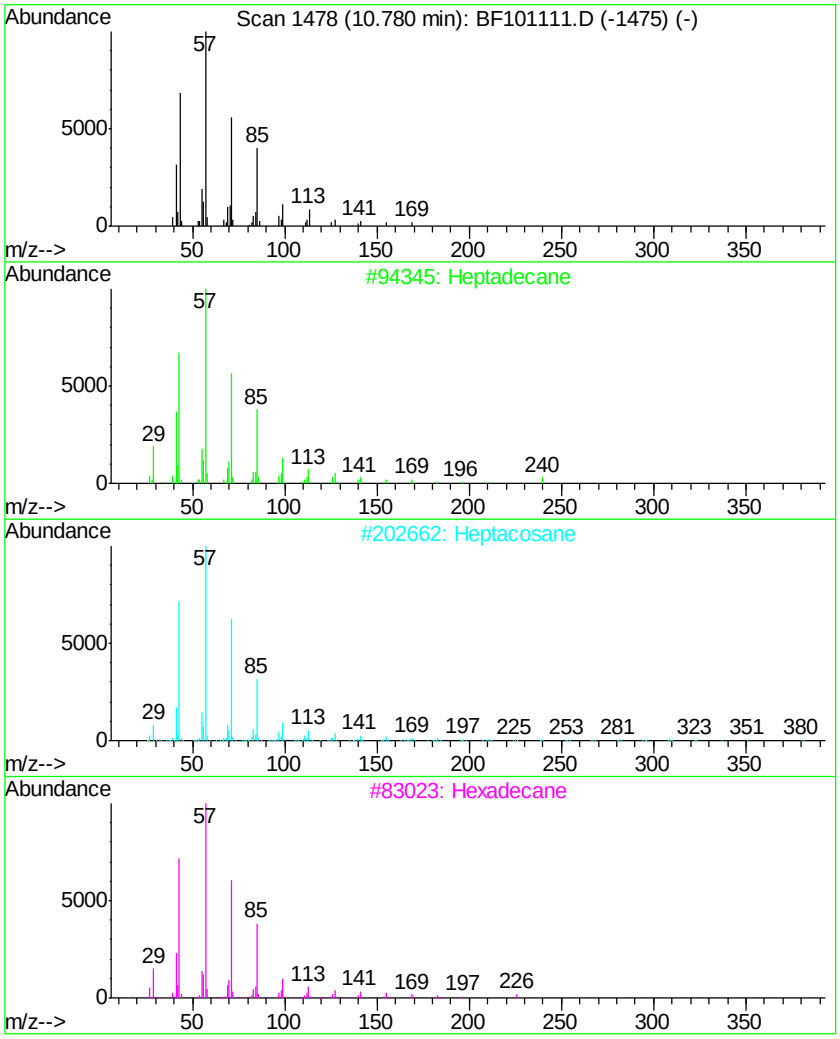
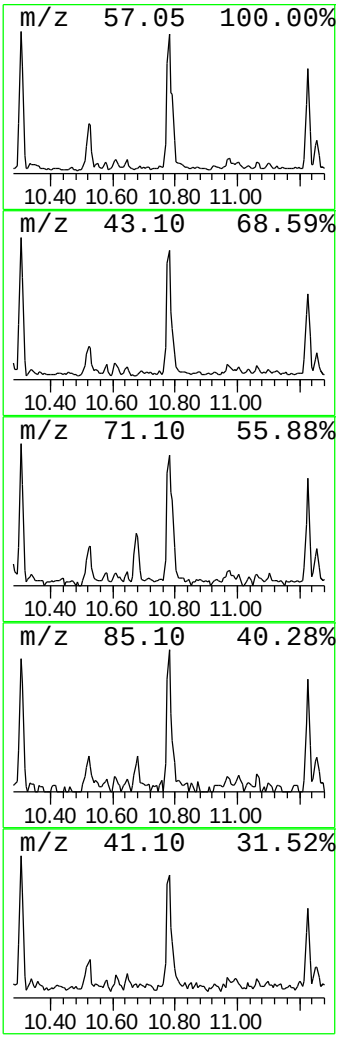
Peak Number 6 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.84 ng	108387	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentadecane	212	C15H32	000629-62-9	87





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Operator : SJ/JU
Sample : I6671-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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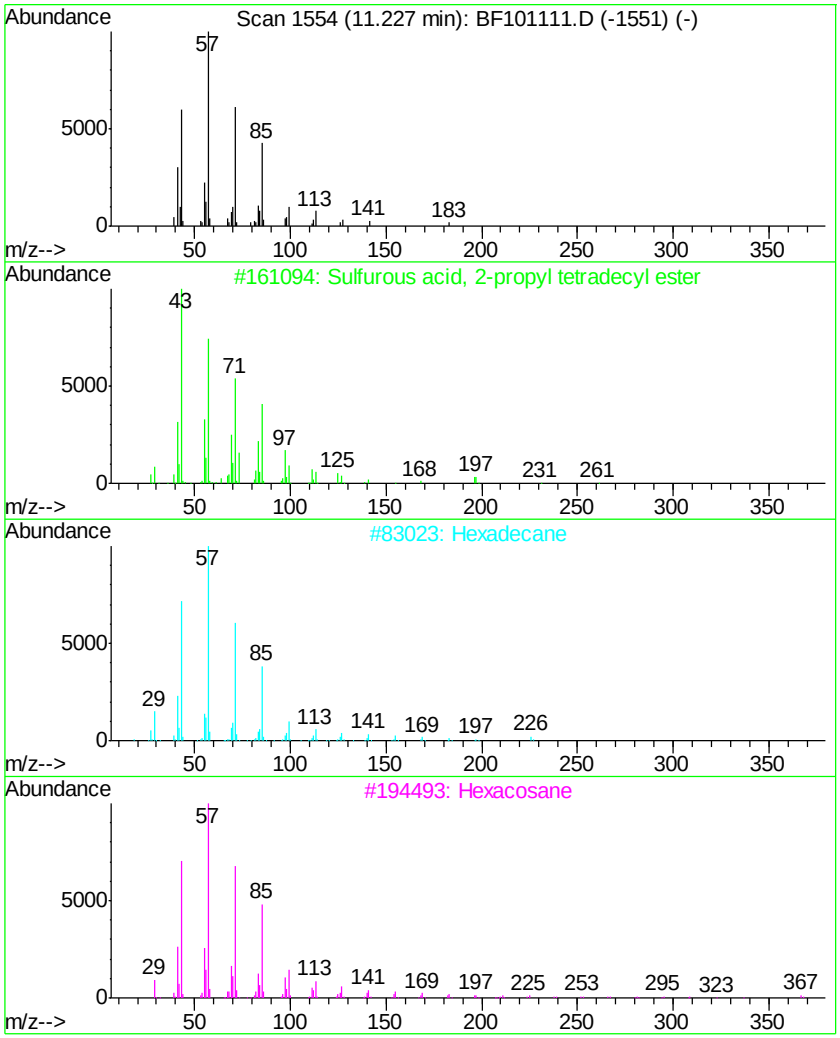
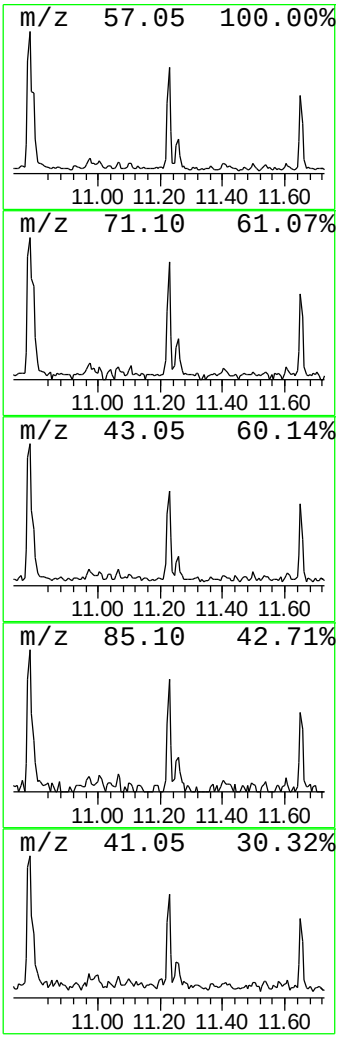
****

Peak Number 7 Sulfurous acid, 2-propyl te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.87 ng	53284	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Hexacosane	366	C26H54	000630-01-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Sample : I6671-03
Misc :
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Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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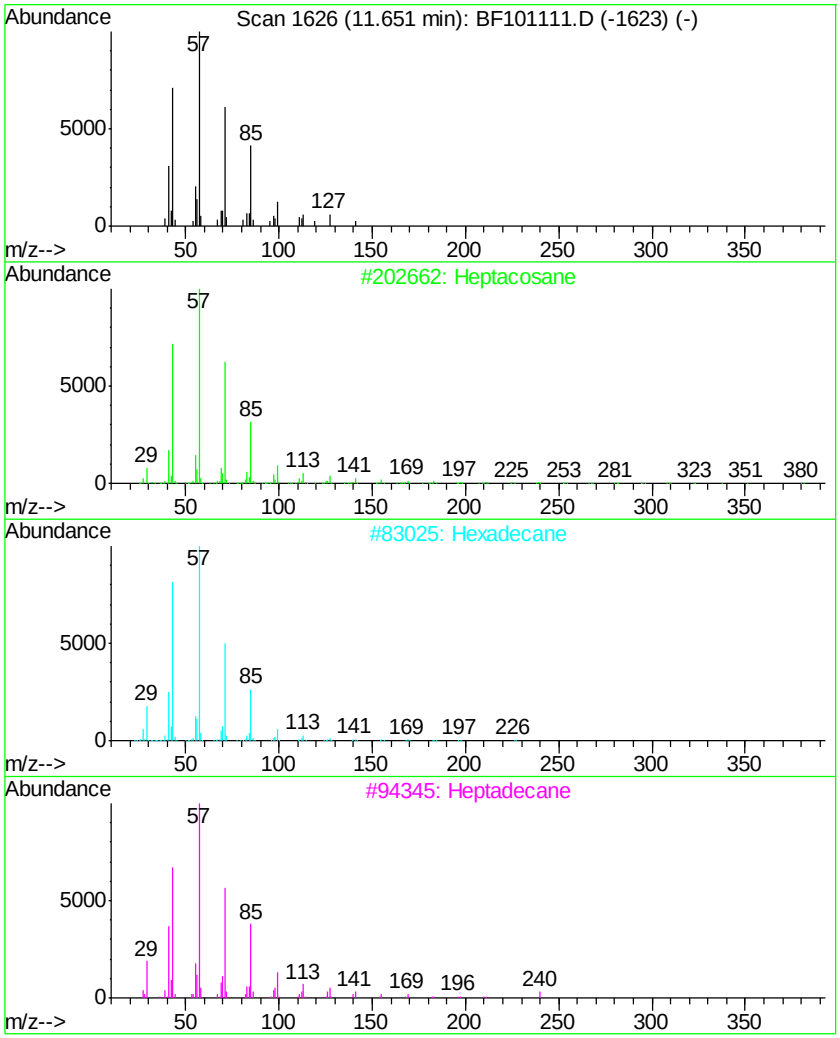
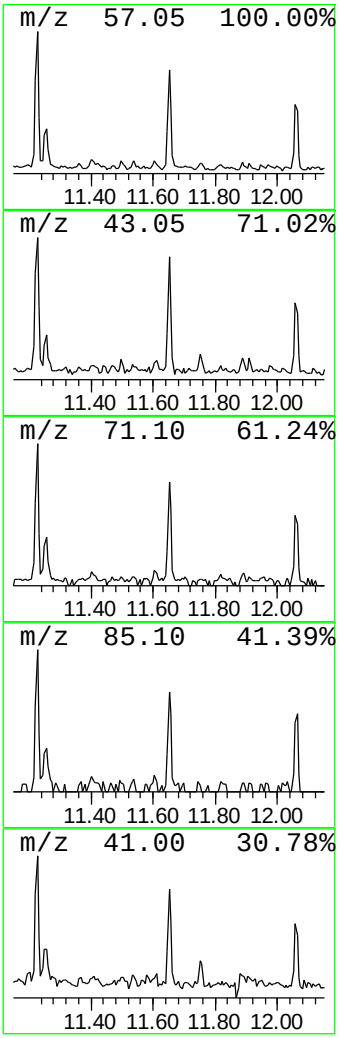
Peak Number 8 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.07 ng	38423	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Tetradecane	198	C14H30	000629-59-4	86





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Sample : I6671-03
Misc :
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Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
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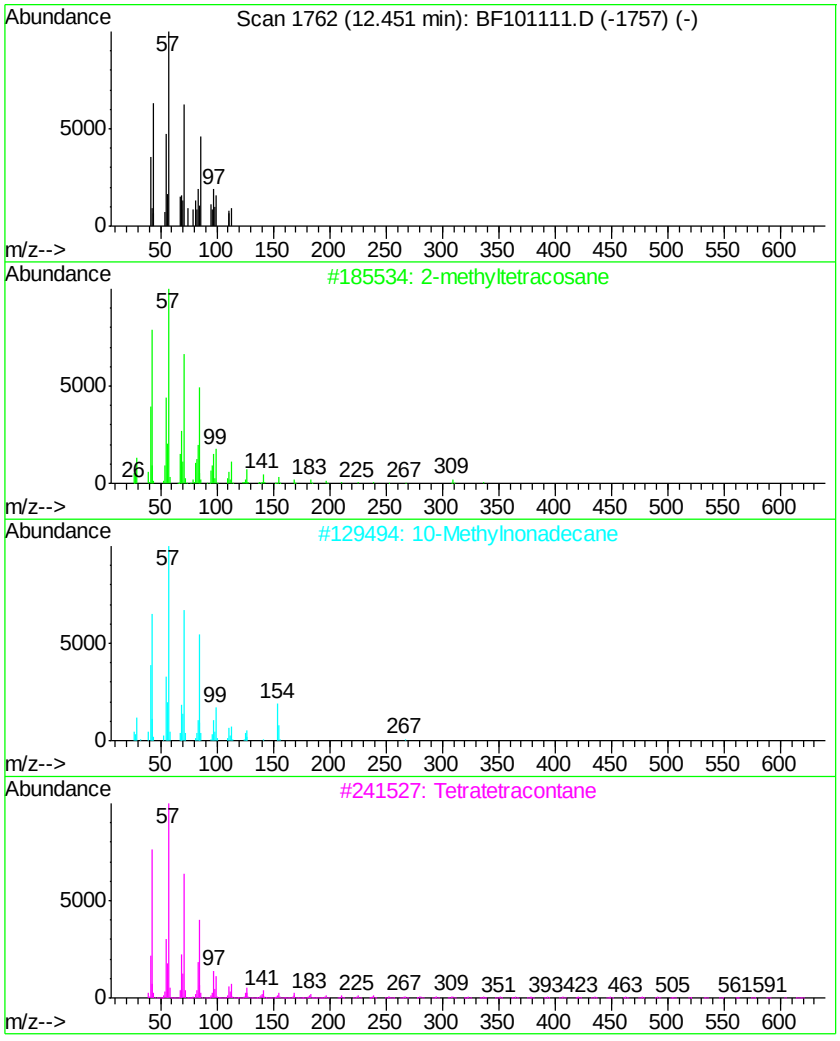
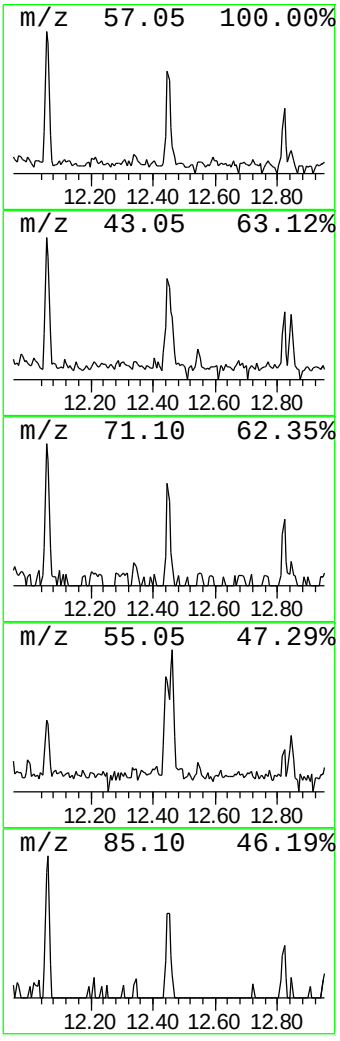
Peak Number 9 2-methyltetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.45 ng	45480	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	50
2	10-Methylnonadecane	282	C20H42	056862-62-5	46
3	Tetratetracontane	619	C44H90	007098-22-8	43
4	Nonadecane	268	C19H40	000629-92-5	43
5	Hexadecane	226	C16H34	000544-76-3	43





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Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

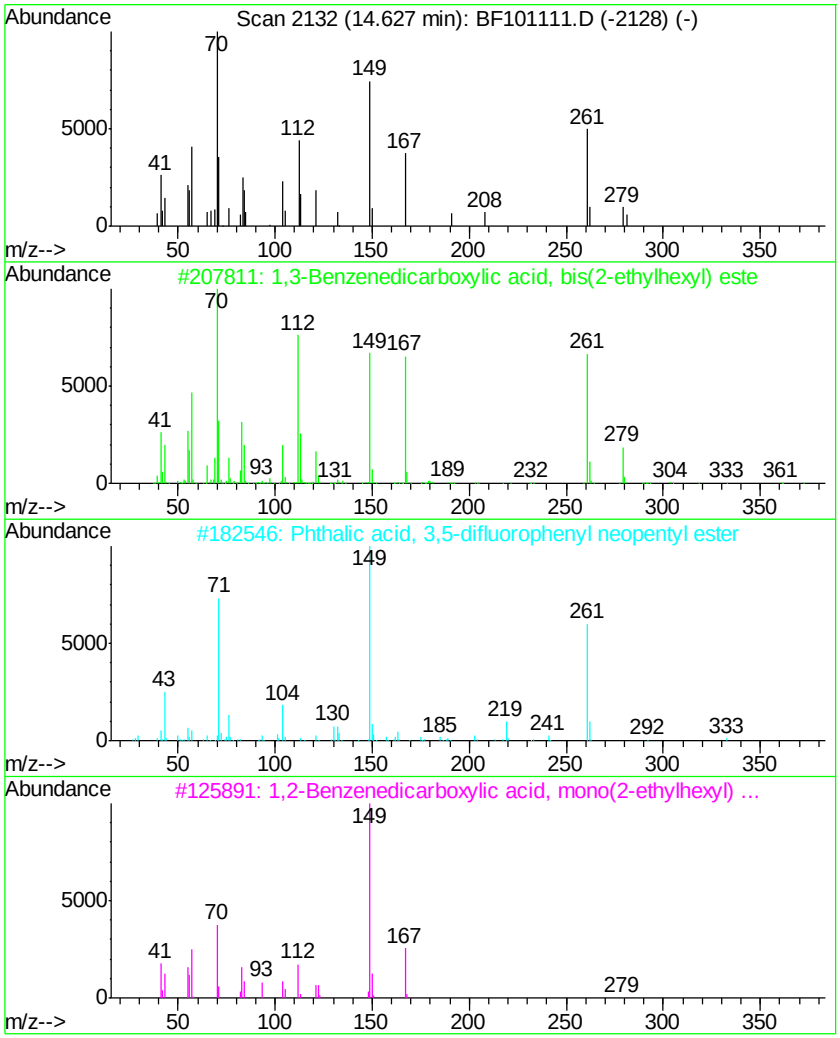
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

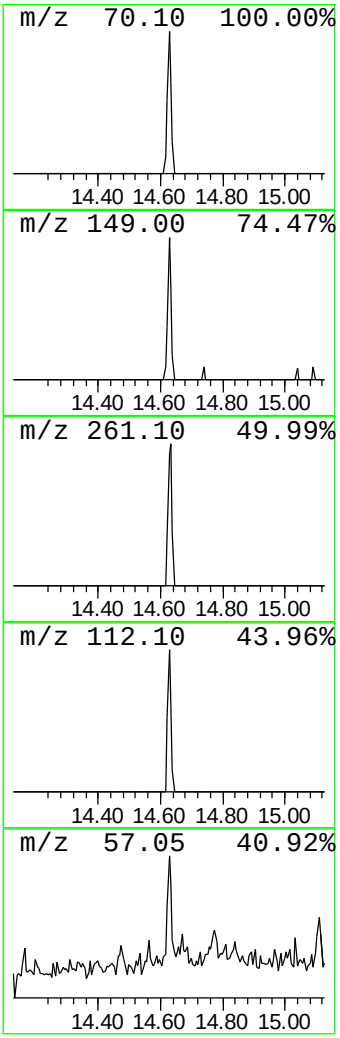
****

Peak Number 10 unknown14.63 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.17 ng	30973	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
2	Phthalic acid, 3,5-difluorophenyl...	348	C19H18F2O4	1000315-54-1	35
3	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	35
4	Phthalic acid, 3,5-dimethylphenyl...	382	C24H30O4	1000309-78-8	27
5	Phthalic acid, 1-naphthyl octyl ...	404	C26H28O4	1000315-23-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101111.D
Acq On : 4 Dec 2017 21:09
Operator : SJ/JU
Sample : I6671-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-1(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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...	5.09	6.9	ng	105725	1	6.85	305475	20.0
unknown6.62	6.62	100.9	ng	1540740	1	6.85	305475	20.0
Hexadecane	9.80	2.9	ng	60118	3	9.89	418462	20.0
Tetradecane	10.30	3.5	ng	73920	3	9.89	418462	20.0
Heptadecane	10.78	5.8	ng	108387	4	11.37	371115	20.0
Sulfurous acid, 2...	11.23	2.9	ng	53284	4	11.37	371115	20.0
Heptacosane	11.65	2.1	ng	38423	4	11.37	371115	20.0
2-methyltetracosane	12.45	2.5	ng	45480	4	11.37	371115	20.0
unknown14.63	14.63	2.2	ng	30973	5	14.02	285257	20.0