LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094375.D
Acq On : 12 Apr 2017 2:46
Operator : SJ/MA
Sample : I2619-01 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP

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-BF032217.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	5.828	666	670	674	rBV	764657	655539	37.51%	5.489%
2	6.004	697	700	704	rBV	55424	45272	2.59%	0.379%
3	7.334	921	926	929	rBV	862762	855707	48.96%	7.165%
4	7.892	1017	1021	1024	rBV5	38078	43501	2.49%	0.364%
5	8.098	1053	1056	1060	rBV4	37610	43244	2.47%	0.362%
6	8.245	1078	1081	1083	rBV3	29764	33083	1.89%	0.277%
7	8.345	1095	1098	1099	rBV3	40302	35580	2.04%	0.298%
8	8.392	1103	1106	1108	rBV3	27861	39145	2.24%	0.328%
9	8.545	1129	1132	1134	rBV	81605	70242	4.02%	0.588%
10	8.628	1143	1146	1148	rBV2	113875	120978	6.92%	1.013%
11	8.922	1193	1196	1198	rBV3	85041	116675	6.68%	0.977%
12	9.039	1212	1216	1218	rBV4	218390	257354	14.72%	2.155%
13	9.092	1223	1225	1228	rVB4	148957	149619	8.56%	1.253%
14	9.192	1240	1242	1245	rVB2	276977	228969	13.10%	1.917%
15	9.375	1271	1273	1276	rVB2	288843	244404	13.98%	2.046%
16	9.475	1284	1290	1299	rBV2	938535	1747757	100.00%	14.634%
17	9.775	1339	1341	1346	rVB2	247789	288063	16.48%	2.412%
18	10.351	1436	1439	1444	rVB	626334	783336	44.82%	6.559%
19	10.680	1492	1495	1499	rVB	993792	1082595	61.94%	9.064%
20	10.904	1530	1533	1536	rVB	533180	620016	35.47%	5.191%
21	11.257	1589	1593	1597	rVB	1355842	1643977	94.06%	13.765%
22	11.310	1599	1602	1607	rVB	631432	758613	43.40%	6.352%
23	12.680	1832	1835	1841	rVB	706240	862767	49.36%	7.224%
24	14.557	2150	2154	2158	rVB	575954	602666	34.48%	5.046%
25	16.180	2426	2430	2437	rVB	520131	614205	35.14%	5.143%

Sum of corrected areas: 11943307

LSC Report - Integrated Chromatogram

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Data File : BF094375.D
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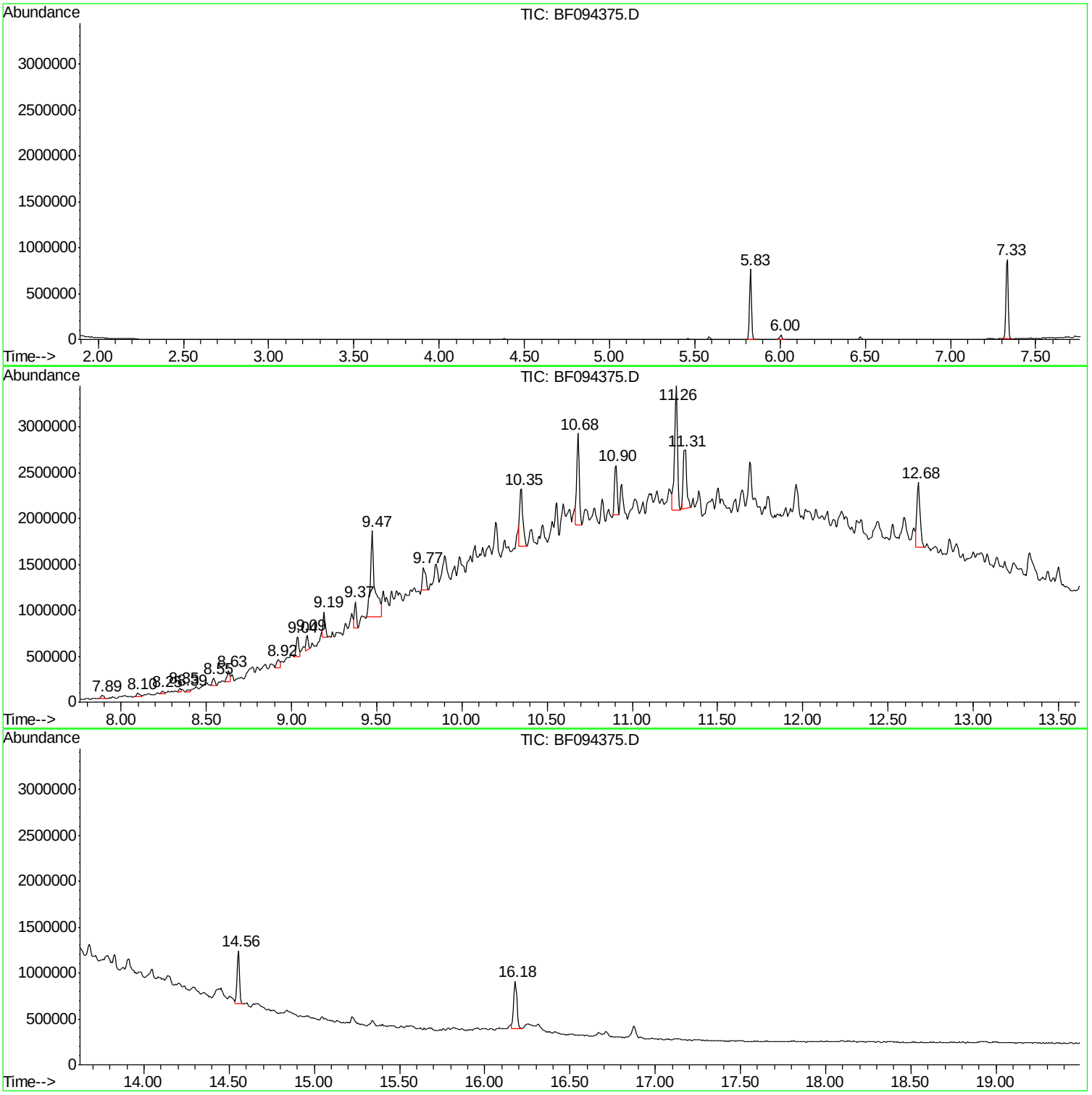
Operator : SJ/MA
Sample : I2619-01 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094375.D
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Operator : SJ/MA
Sample : I2619-01 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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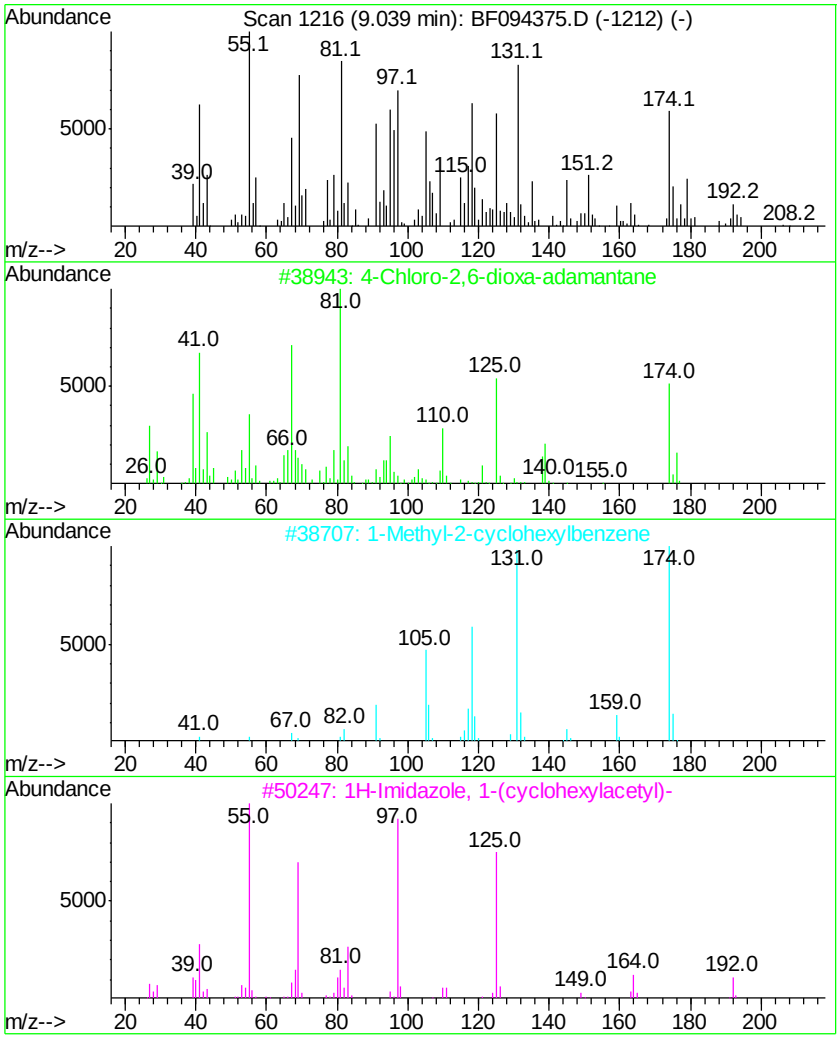
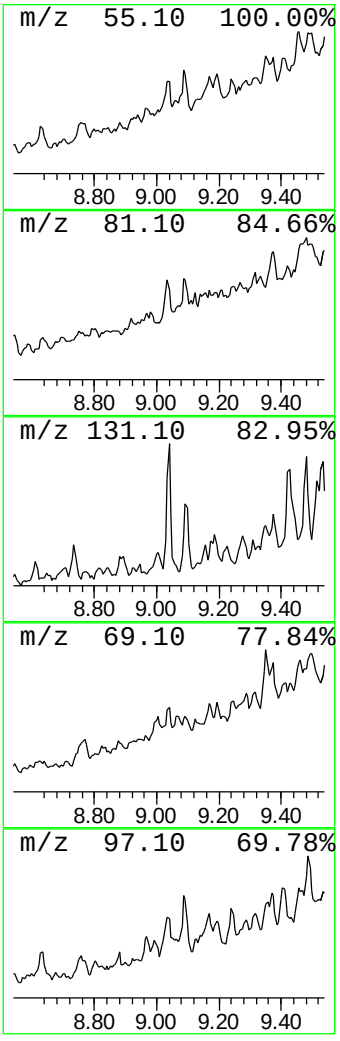
Peak Number 1 unknown9.04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	2.94 ng	257354	Acenaphthene-d10	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2,6-dioxa-adamantane	174	C8H11ClO2	1000187-80-9	22
2	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	18
3	1H-Imidazole, 1-(cyclohexylacetyl)-	192	C11H16N2O	093383-50-7	15
4	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	14
5	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	11





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Data File : BF094375.D
Acq On : 12 Apr 2017 2:46
Operator : SJ/MA
Sample : I2619-01 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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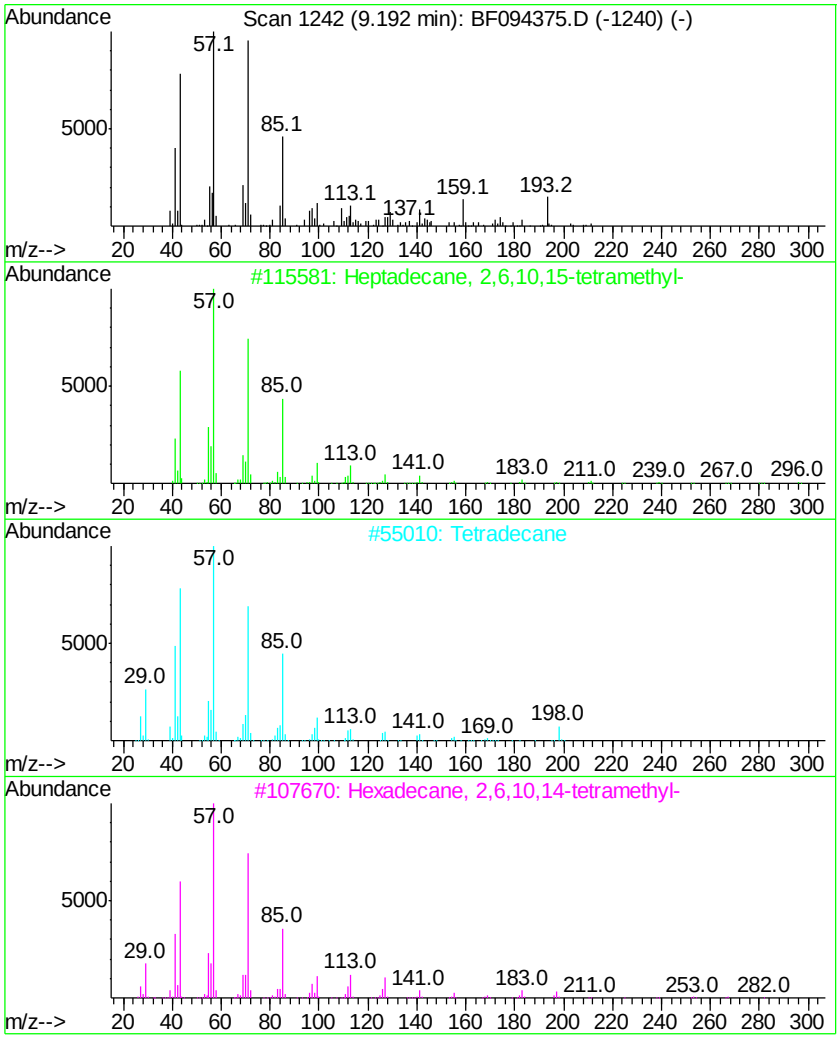
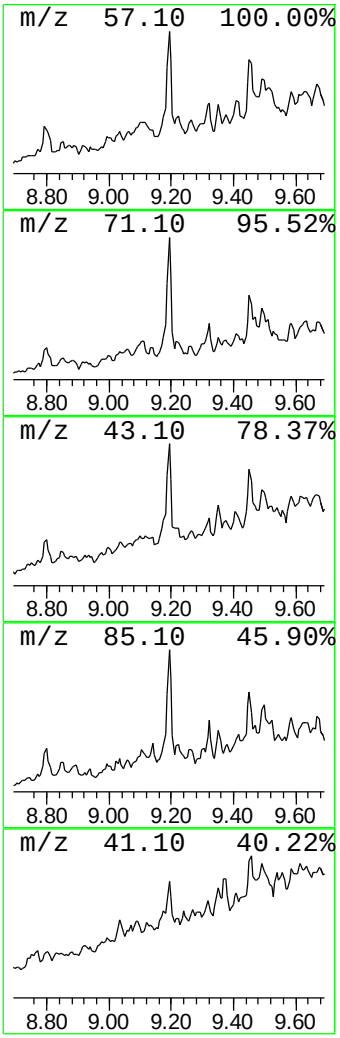
Peak Number 2 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	2.62 ng	228969	Acenaphthene-d10	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
2	Tetradecane	198	C14H30	000629-59-4	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Eicosane	282	C20H42	000112-95-8	64
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094375.D
Acq On : 12 Apr 2017 2:46
Operator : SJ/MA
Sample : I2619-01 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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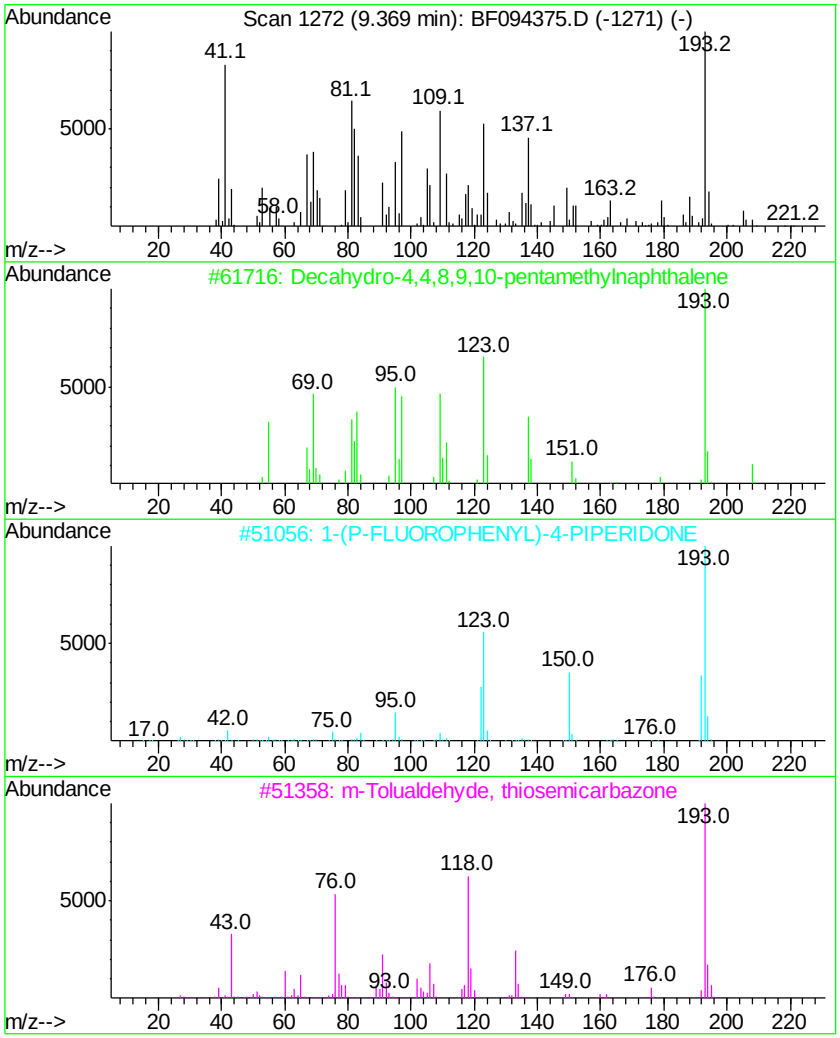
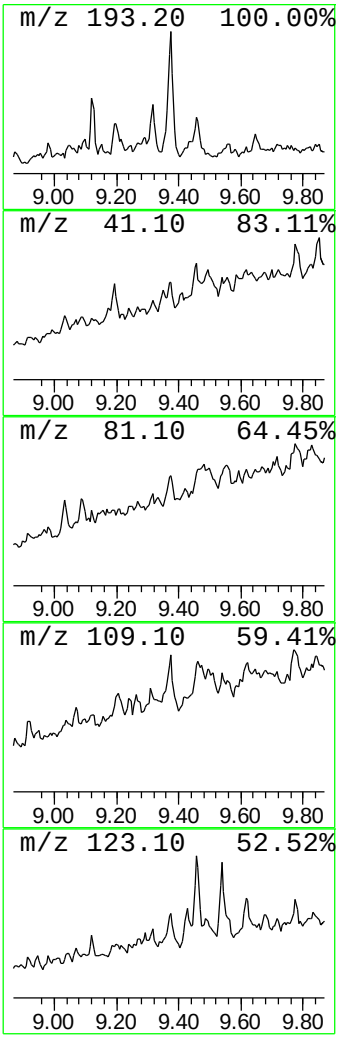
Peak Number 3 unknown9.37 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.80 ng	244404	Acenaphthene-d10	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	27
3	m-Tolualdehyde, thiosemicarbazone	193	C9H11N3S	005706-82-1	22
4	Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	22
5	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	15





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094375.D
Acq On : 12 Apr 2017 2:46
Operator : SJ/MA
Sample : I2619-01 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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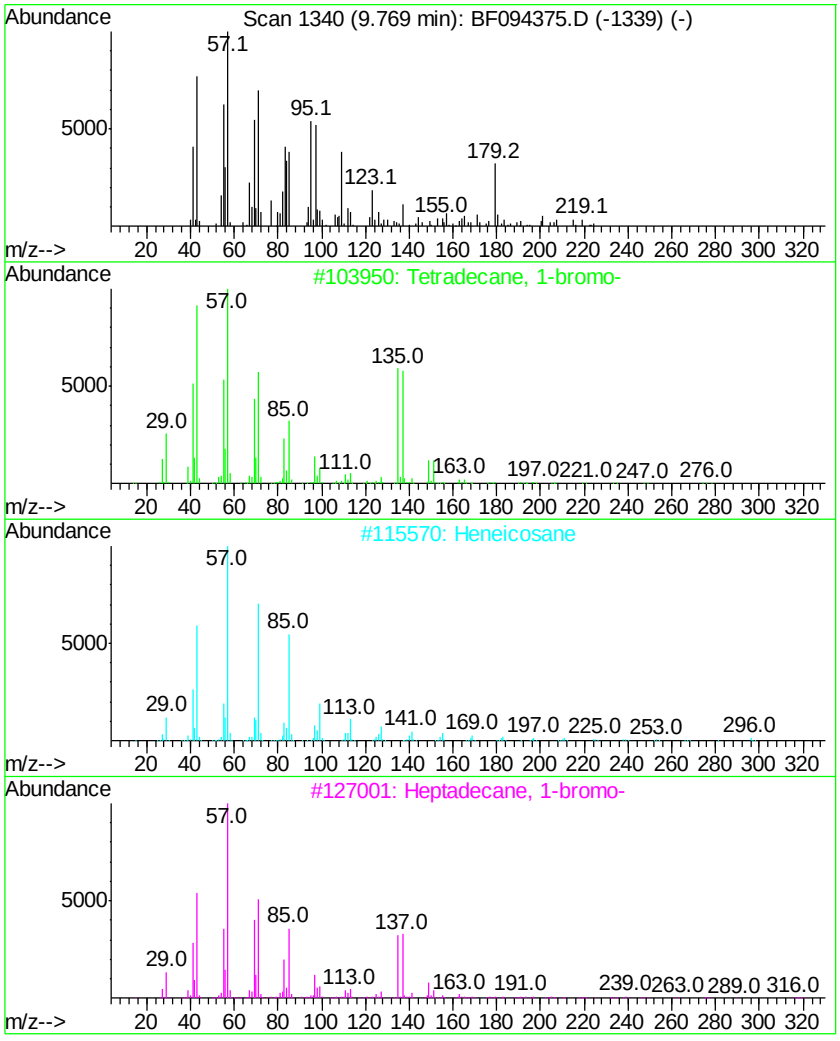
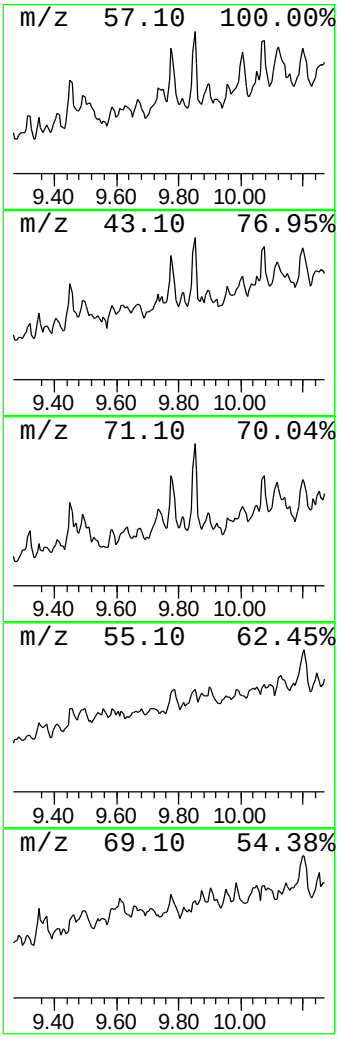
Peak Number 4 unknown9.77 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.30 ng	288063	Acenaphthene-d10	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	38
2	Heneicosane	296	C21H44	000629-94-7	35
3	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	35
4	Decane	142	C10H22	000124-18-5	35
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094375.D
Acq On : 12 Apr 2017 2:46
Operator : SJ/MA
Sample : I2619-01 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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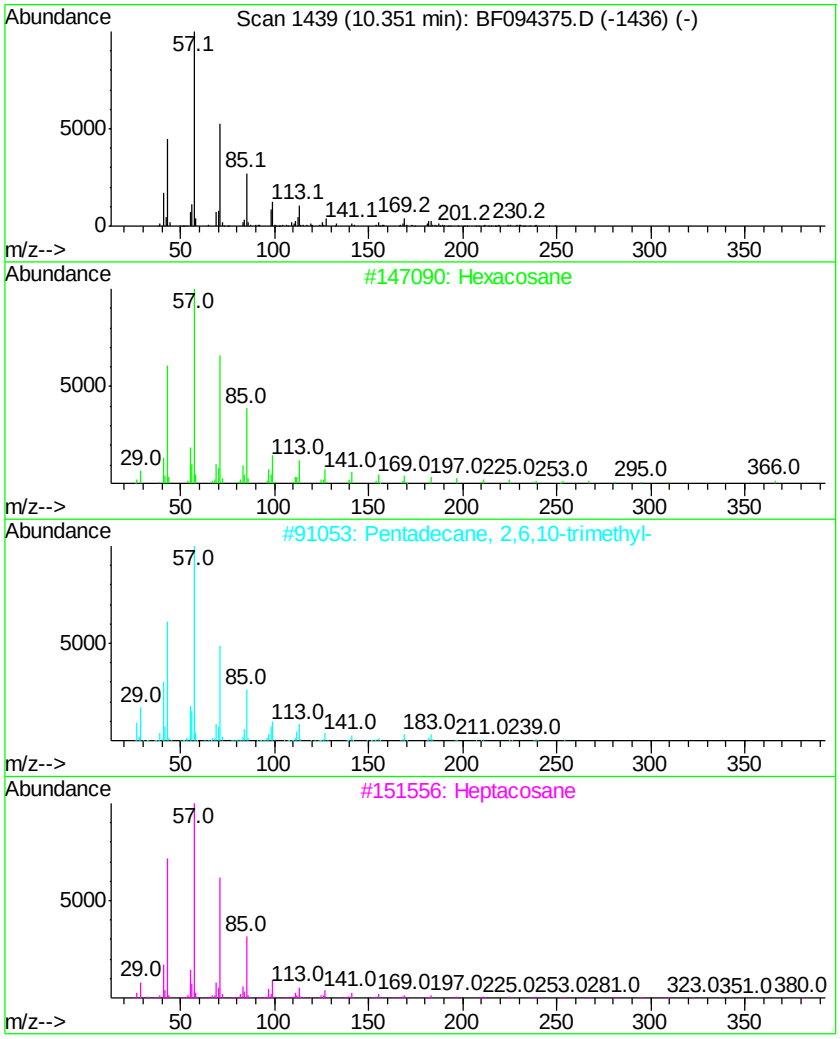
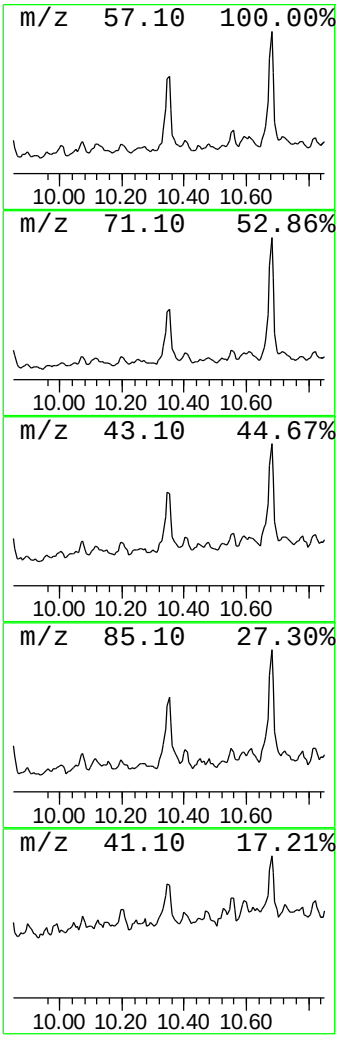
Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	8.96 ng	783336	Acenaphthene-d10	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	80
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
3	Heptacosane	380	C27H56	000593-49-7	64
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	50





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Instrument : BNA_F
ClientSampleId : SUMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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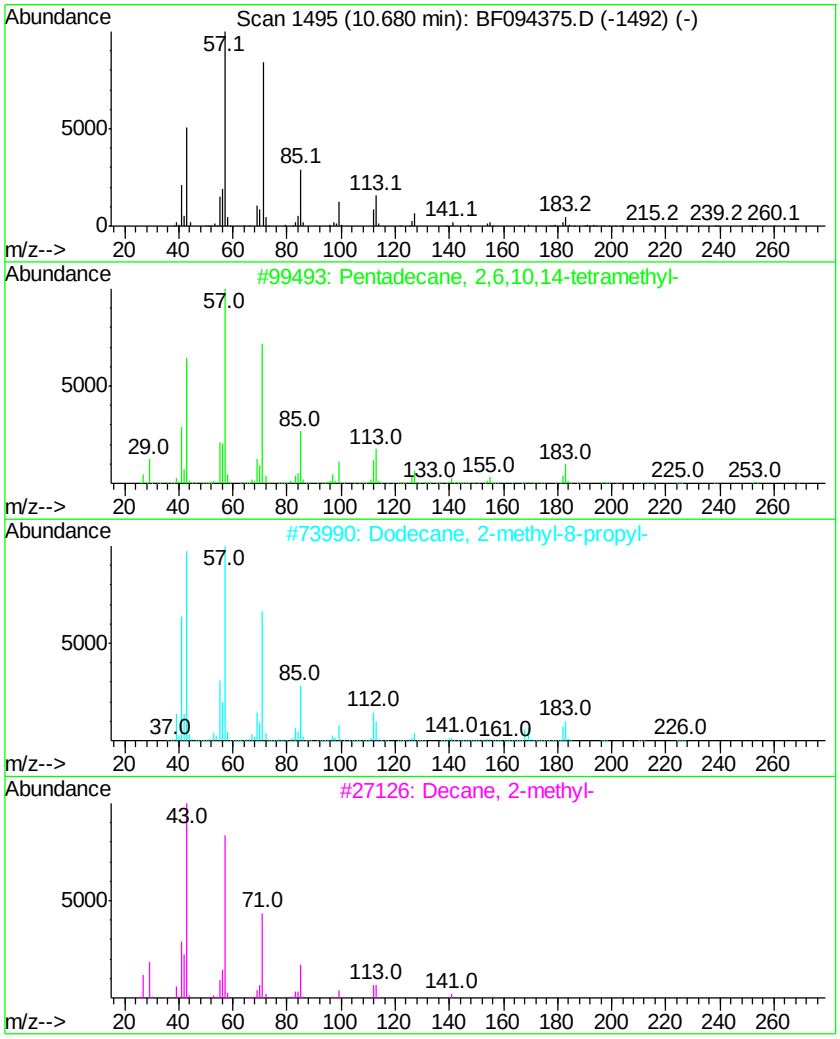
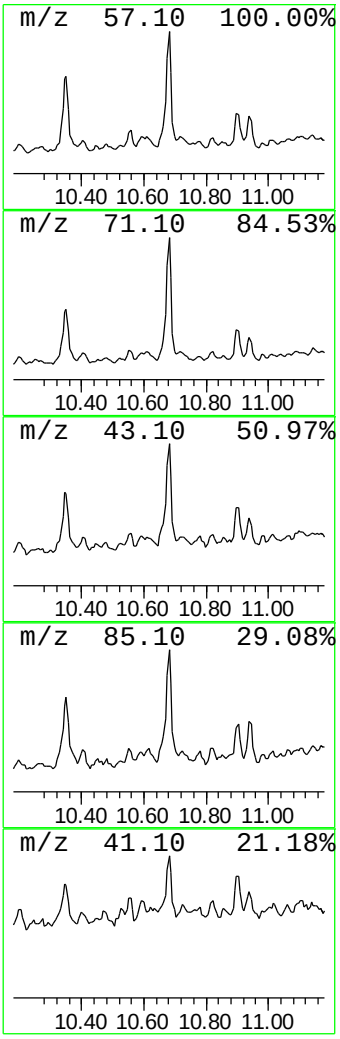
Peak Number 6 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	28.54 ng	1082600	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87
3	Decane, 2-methyl-	156	C11H24	006975-98-0	86
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





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Instrument : BNA_F
ClientSampleId : SUMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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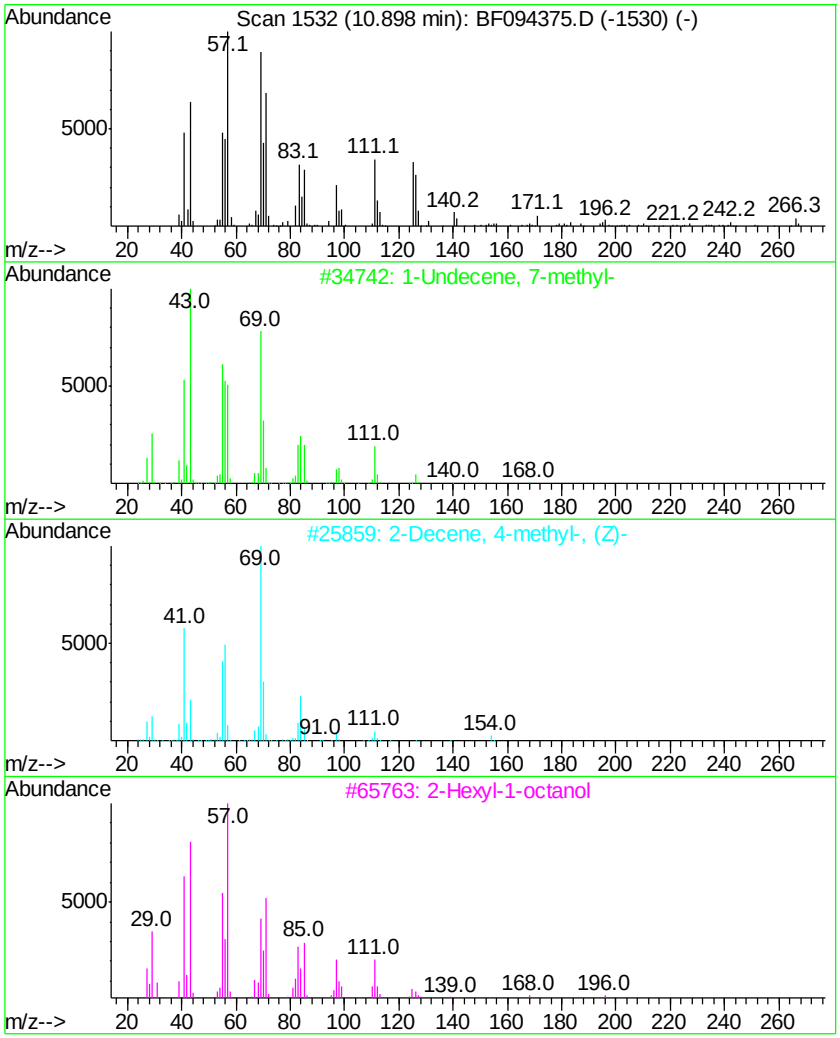
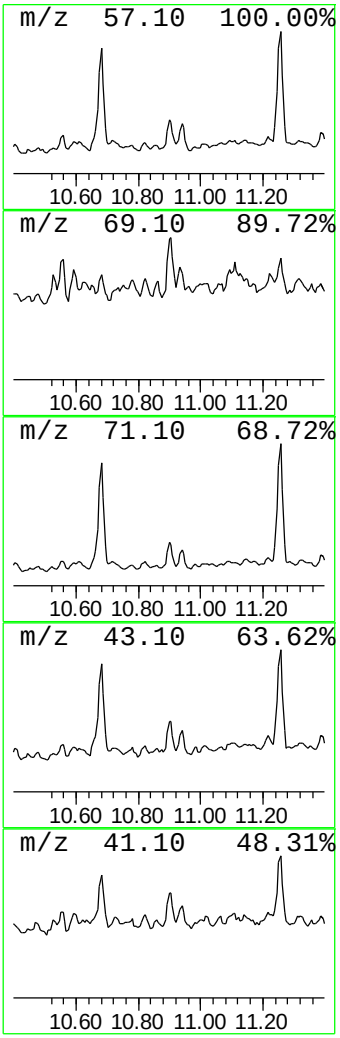
Peak Number 7 1-Undecene, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	16.35 ng	620016	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	58
2	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	43
3	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	43
4	1-Tetradecene	196	C14H28	001120-36-1	42
5	Cyclopentane, propyl-	112	C8H16	002040-96-2	38





Library Search Compound Report

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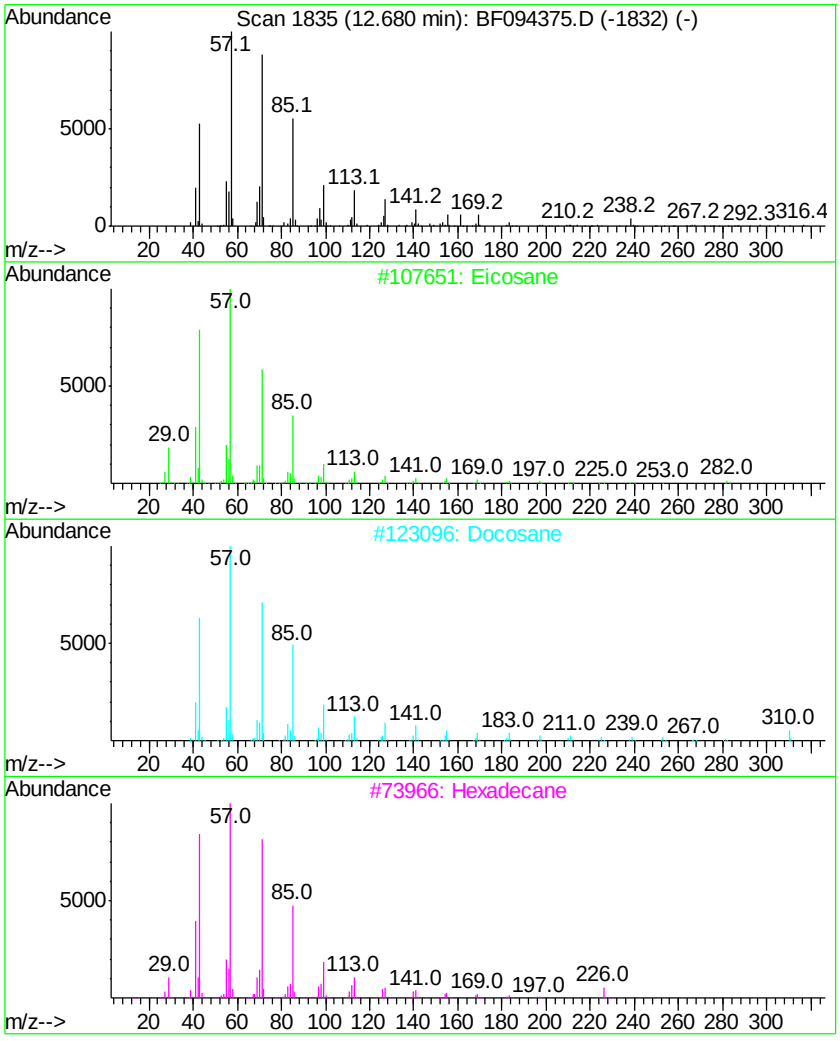
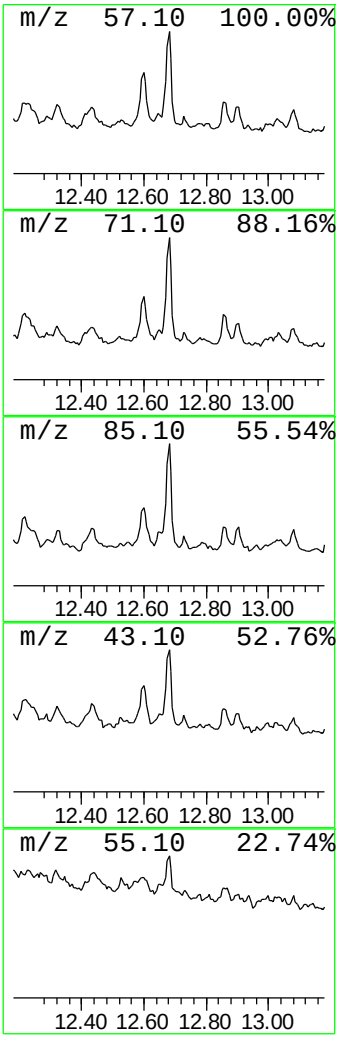
Peak Number 8 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	22.75 ng	862767	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Docosane	310	C22H46	000629-97-0	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetracosane	338	C24H50	000646-31-1	80
5	Heneicosane	296	C21H44	000629-94-7	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041117\
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Operator : SJ/MA
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown9.04	9.04	2.9	ng	257354	3	9.47	1747760	20.0
Heptadecane, 2,6,...	9.19	2.6	ng	228969	3	9.47	1747760	20.0
unknown9.37	9.37	2.8	ng	244404	3	9.47	1747760	20.0
unknown9.77	9.77	3.3	ng	288063	3	9.47	1747760	20.0
Hexacosane	10.35	9.0	ng	783336	3	9.47	1747760	20.0
Pentadecane, 2,6,...	10.68	28.5	ng	1082600	4	11.30	758613	20.0
1-Undecene, 7-met...	10.90	16.4	ng	620016	4	11.30	758613	20.0
Eicosane	12.68	22.8	ng	862767	4	11.30	758613	20.0