LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

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-BF101015.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	4.994	247	250	253	rBV	1005504	1736492	87.87%	9.599%
2	5.417	285	287	289	rBV	1257370	1190689	60.25%	6.582%
3	6.457	376	378	381	rBV	1077160	1294821	65.52%	7.157%
4	6.594	387	390	392	rBV	1120685	1383662	70.02%	7.649%
5	6.823	408	410	412	rBV	504505	435217	22.02%	2.406%
6	6.983	421	424	426	rBV	1161086	1349032	68.27%	7.457%
7	7.394	458	460	462	rBV	1058560	1002577	50.73%	5.542%
8	8.114	520	523	525	rBV	598712	556449	28.16%	3.076%
9	9.189	615	617	620	rBV	1759721	1976113	100.00%	10.923%
10	9.303	625	627	629	rVB	170015	190185	9.62%	1.051%
11	9.589	650	652	653	rBV	254120	203936	10.32%	1.127%
12	9.875	674	677	679	rBV	571131	639070	32.34%	3.533%
13	10.298	709	714	716	rBV2	34114	57608	2.92%	0.318%
14	10.446	725	727	729	rBV	212750	190248	9.63%	1.052%
15	10.515	729	733	736	rVV3	33105	66726	3.38%	0.369%
16	10.663	743	746	748	rBV	759948	793600	40.16%	4.387%
17	10.789	753	757	759	rVV	87202	151066	7.64%	0.835%
18	11.063	779	781	783	rBV3	21672	49216	2.49%	0.272%
19	11.098	783	784	786	rBV2	29808	47805	2.42%	0.264%
20	11.258	793	798	799	rBV	214318	404452	20.47%	2.236%
21	11.315	801	803	805	rBV3	50399	79432	4.02%	0.439%
22	11.361	805	807	809	rBV	676066	669241	33.87%	3.699%
23	11.486	815	818	820	rBV2	203024	368032	18.62%	2.034%
24	11.543	820	823	824	rVV	142395	223550	11.31%	1.236%
25	11.589	825	827	830	rVV2	228285	516859	26.16%	2.857%
26	11.658	831	833	834	rVV	141579	158486	8.02%	0.876%
27	12.423	898	900	902	rBV	385375	621937	31.47%	3.438%
28	12.972	946	948	952	rBV	889284	1734105	87.75%	9.586%

Sum of corrected areas: 18090606

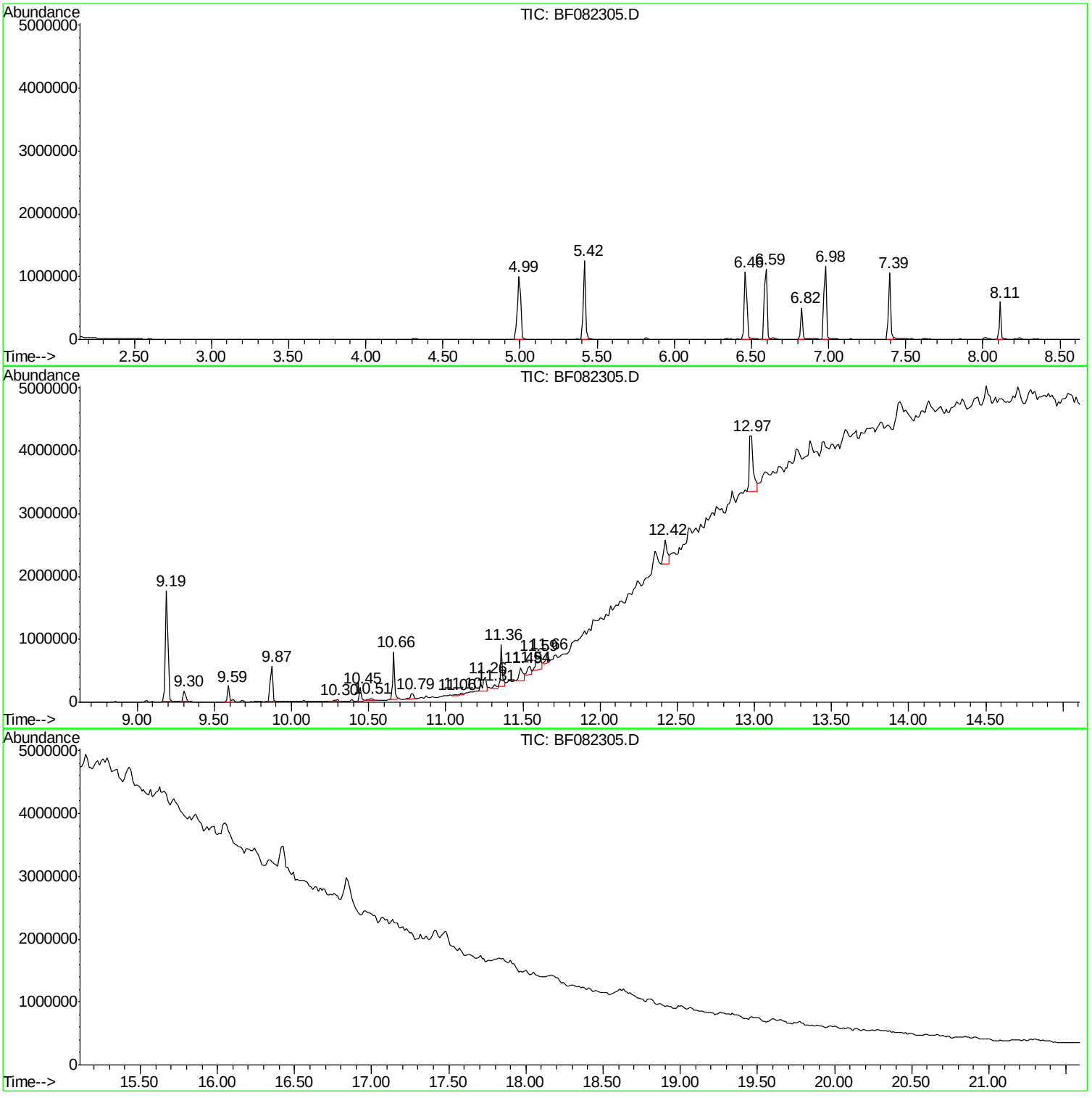
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

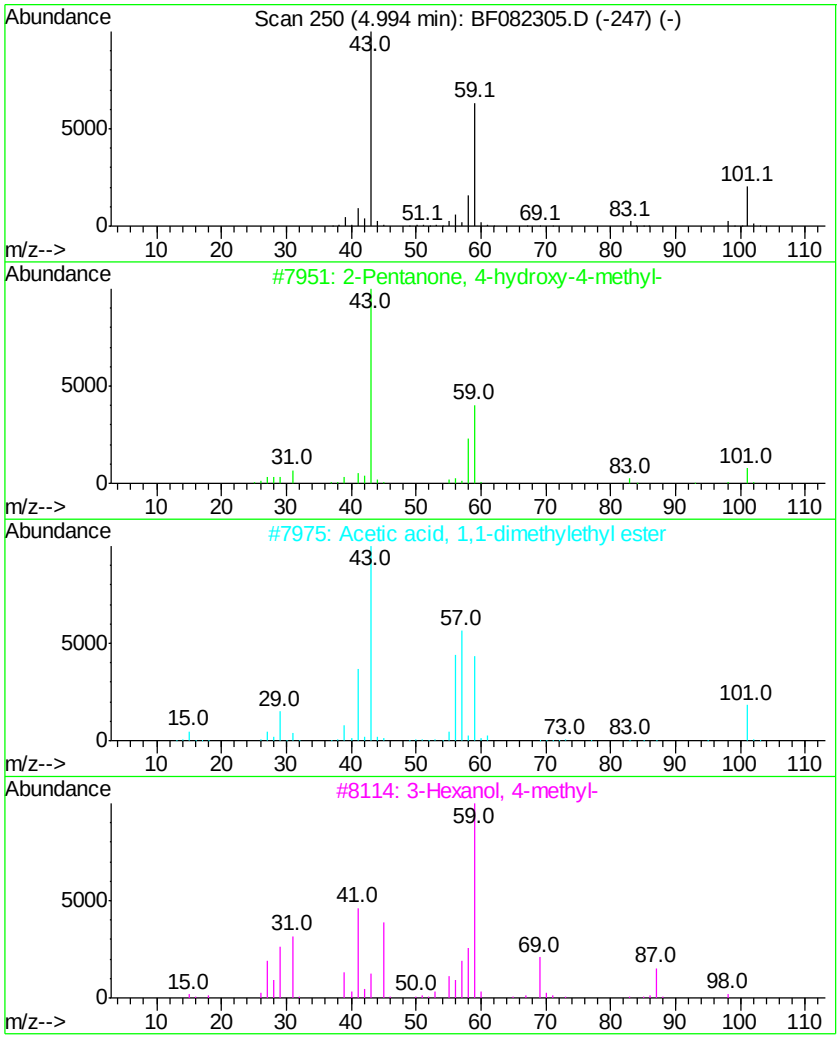
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

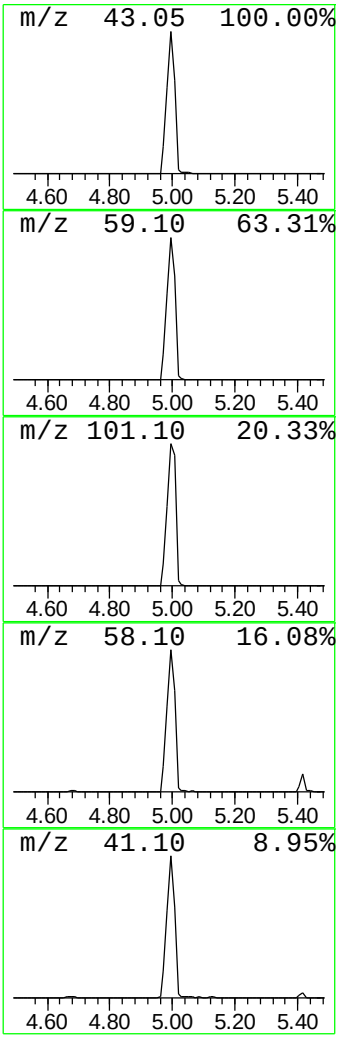
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	79.80 ng	1736490	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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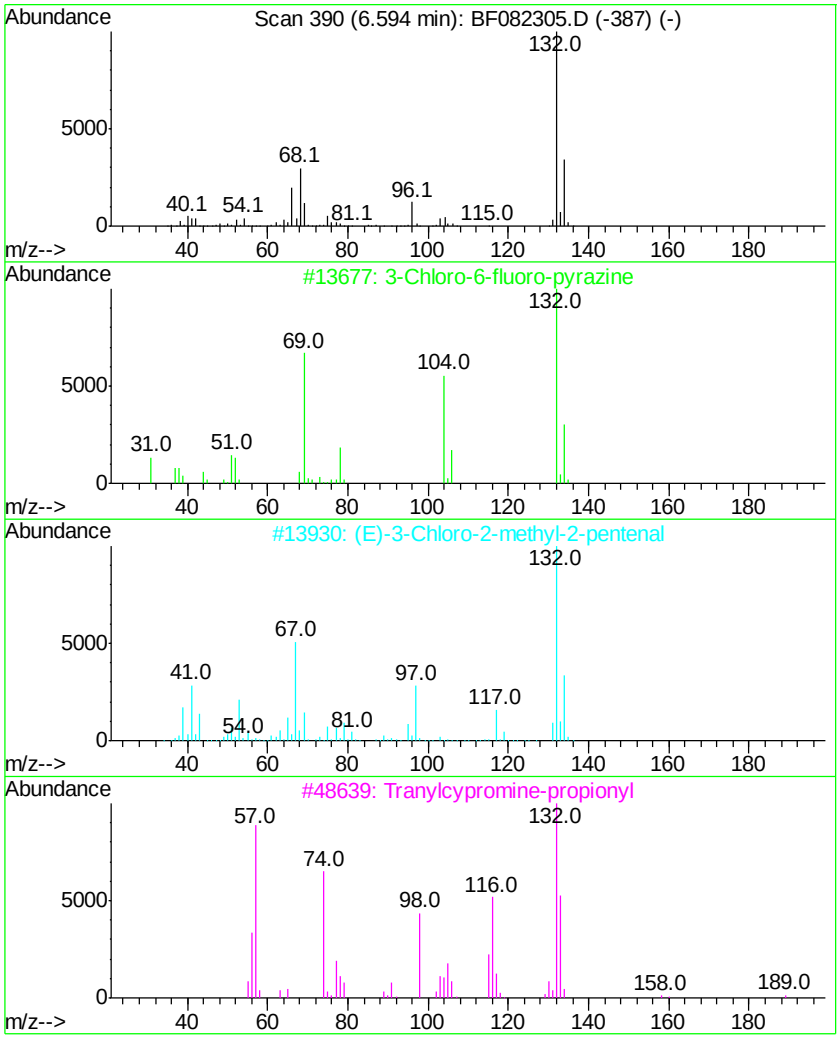
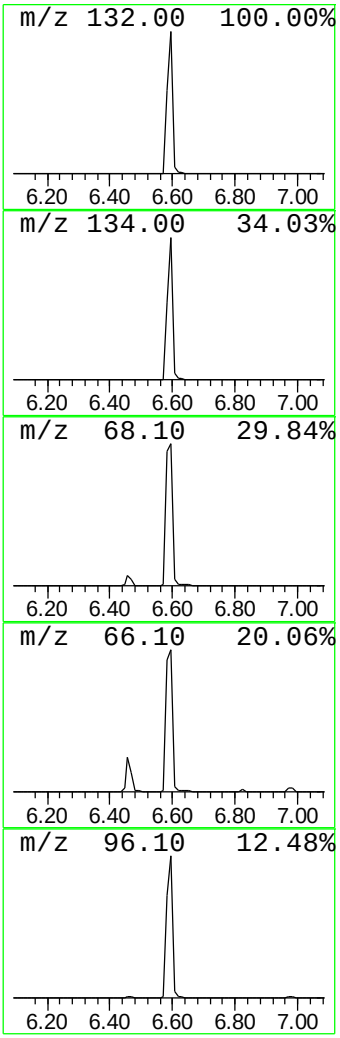
Peak Number 2 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	63.58 ng	1383660	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

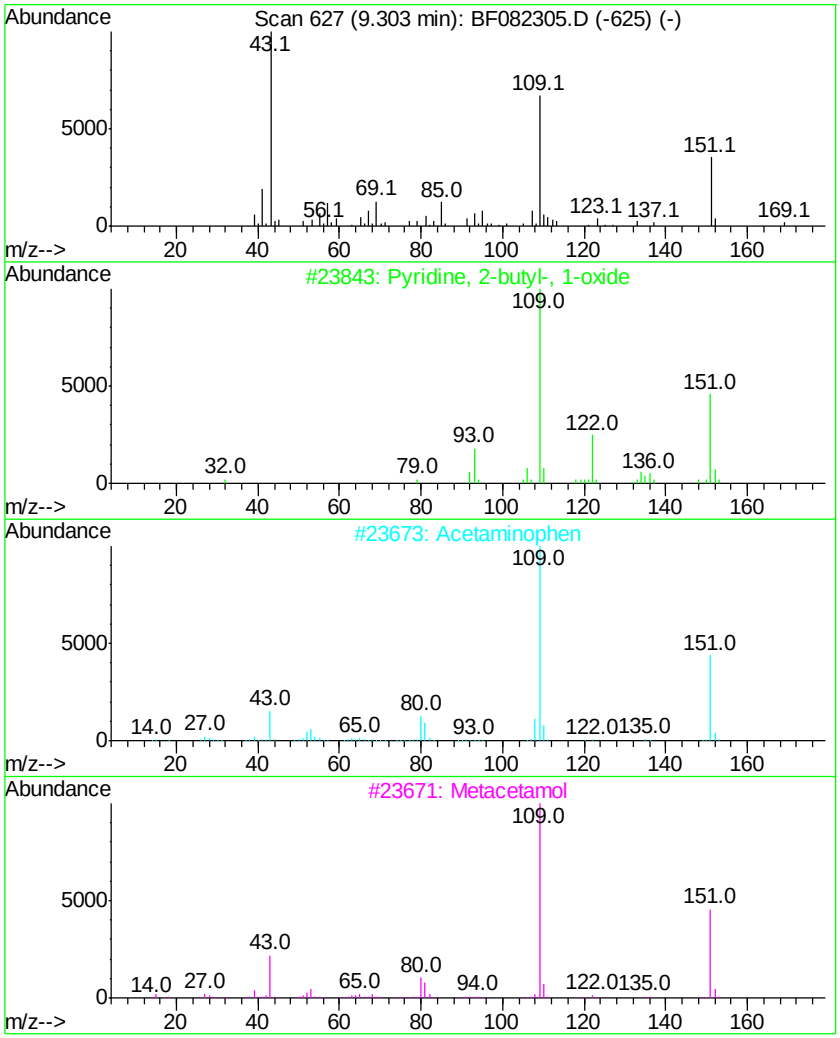
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

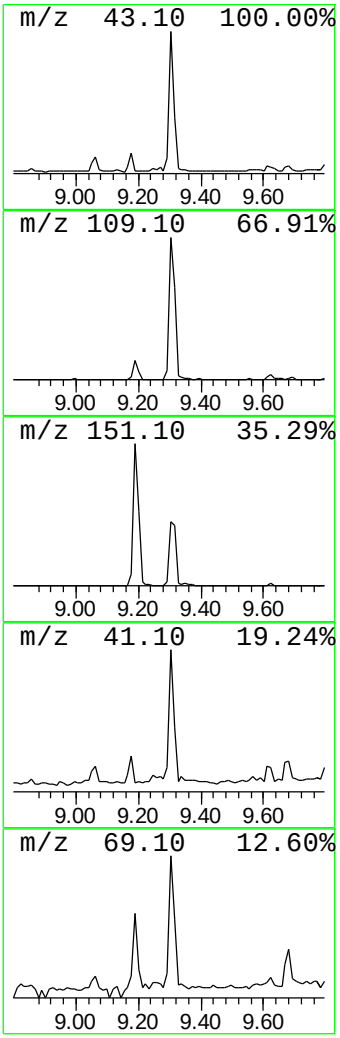
****

Peak Number 4 Pyridine, 2-butyl-, 1-oxide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	5.95 ng	190185	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
2	Acetaminophen	151	C8H9NO2	000103-90-2	49
3	Metacetamol	151	C8H9NO2	000621-42-1	47
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	47
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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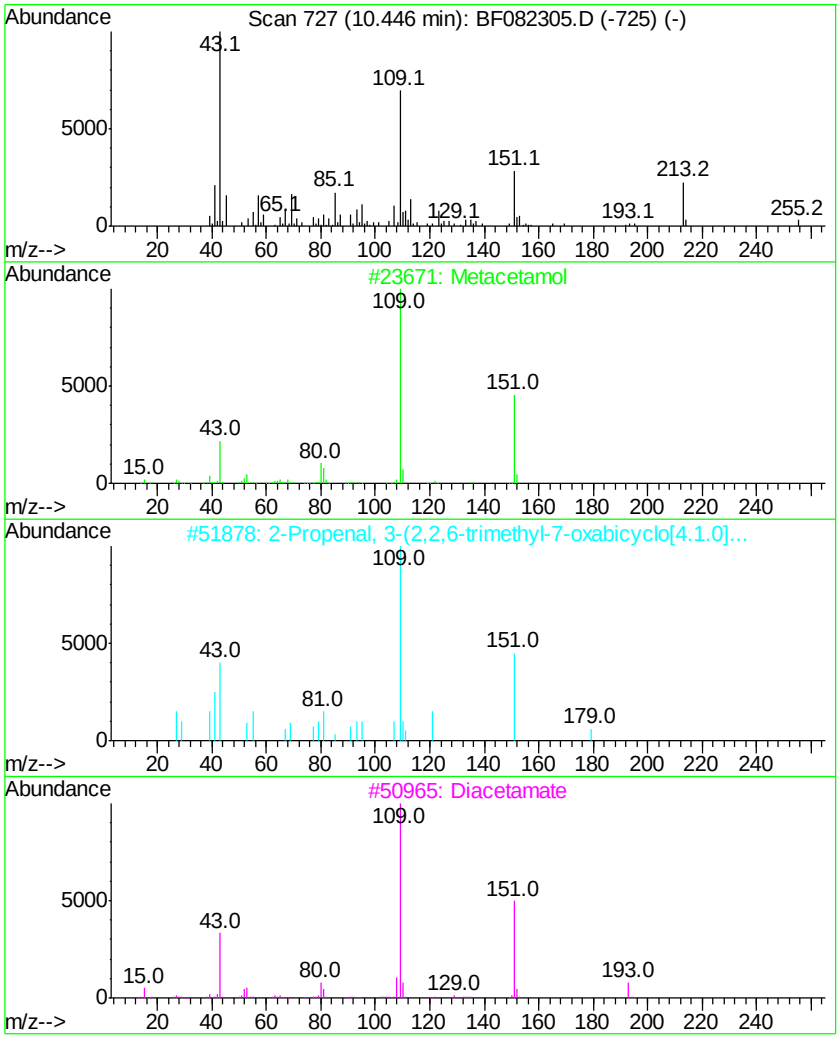
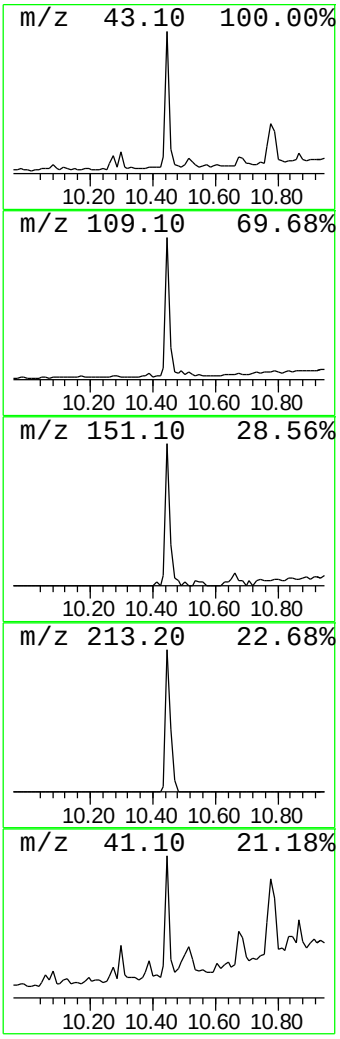
Peak Number 5 unknown10.45 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	5.95 ng	190248	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	43
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	38
3	Diacetamate	193	C10H11NO3	002623-33-8	38
4	Ethanone, 1-(4,5-diethyl-2-methy...	180	C12H20O	062338-24-3	38
5	Acetaminophen	151	C8H9NO2	000103-90-2	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

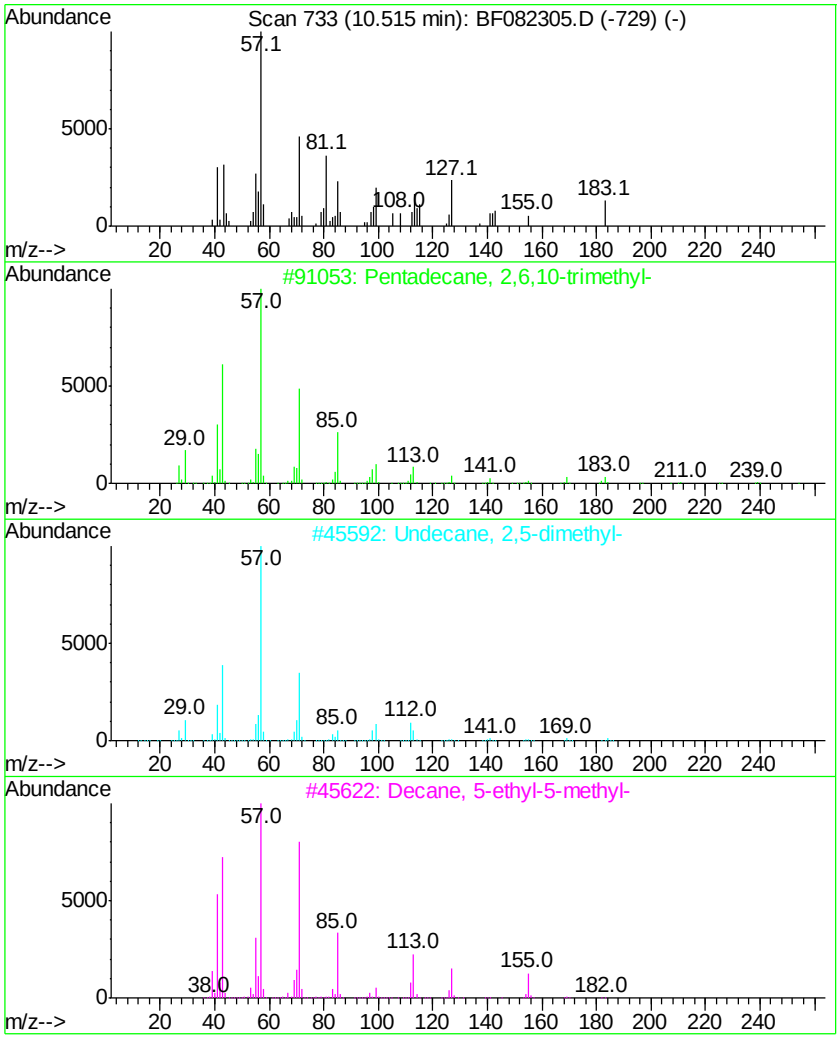
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

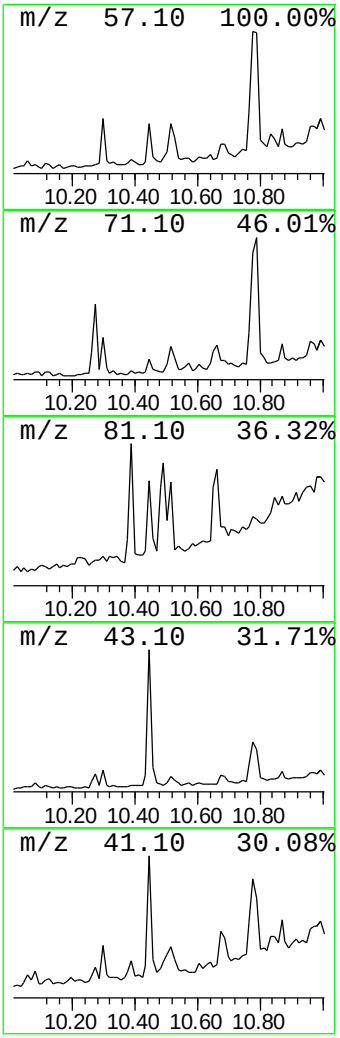
****

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	2.09 ng	66726	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	53
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	47
3	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	47
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	47
5	Pentacosane	352	C25H52	000629-99-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
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Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

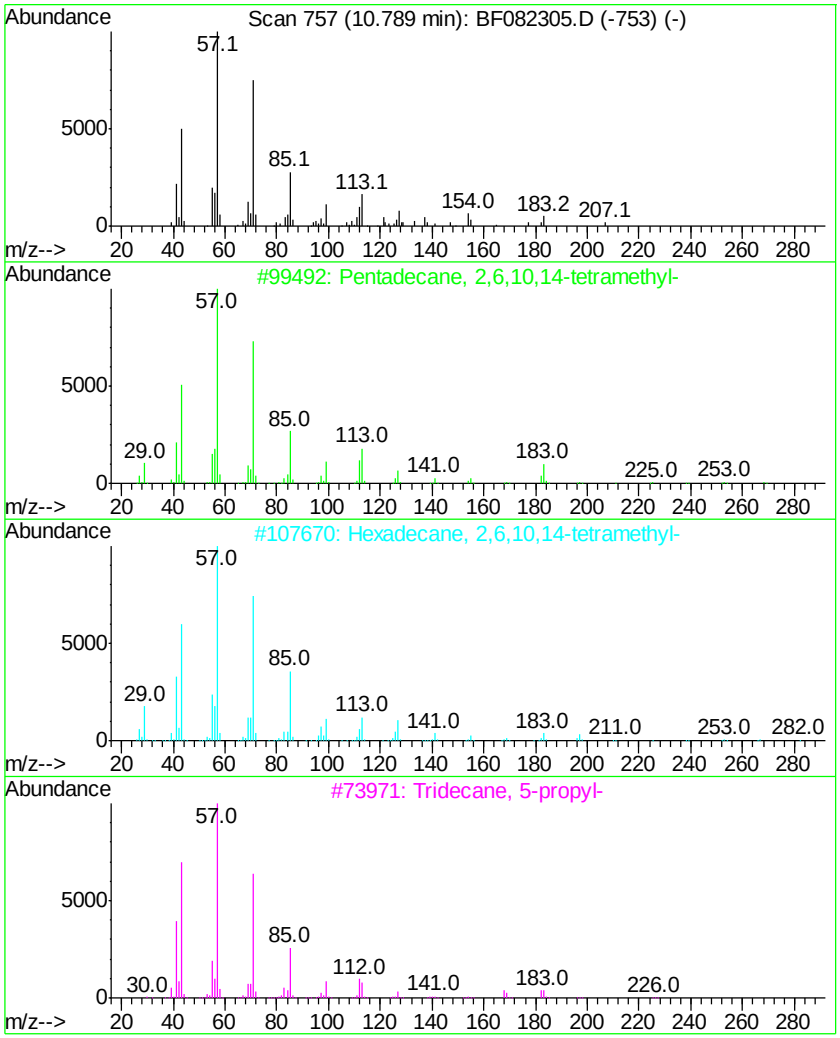
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

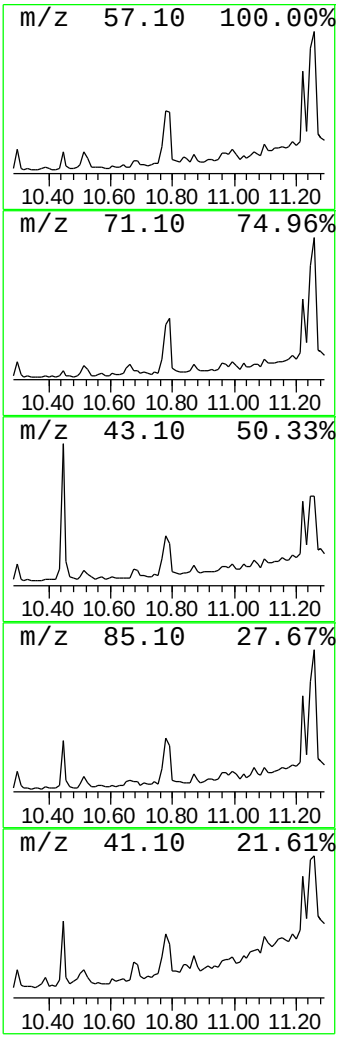
****

Peak Number 7 Pentadecane, 2,6,10,14-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.51 ng	151066	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
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Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

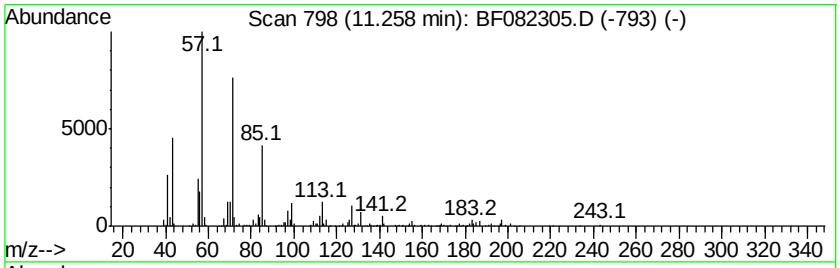
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

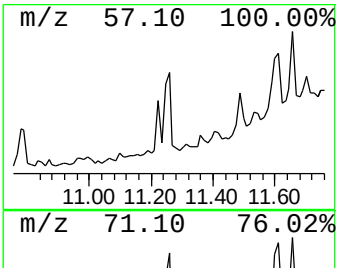
****

Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	12.09 ng	404452	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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TIC Library : C:\DATABASE\NIST02.L
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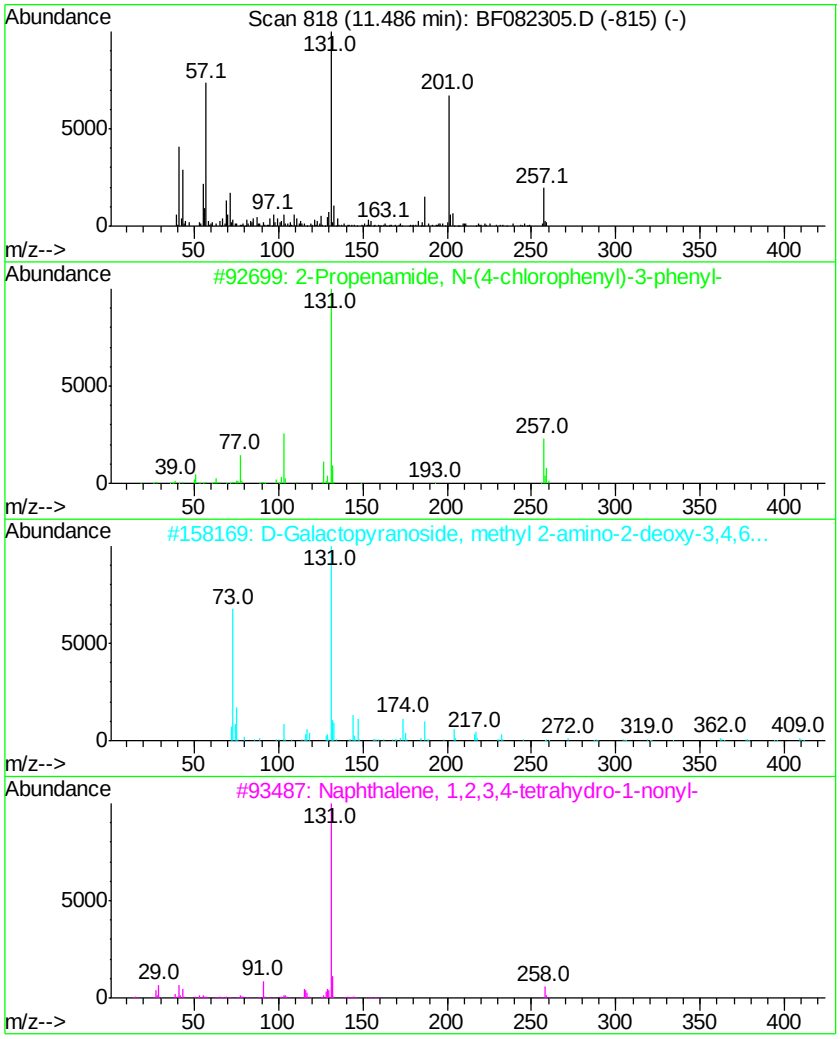
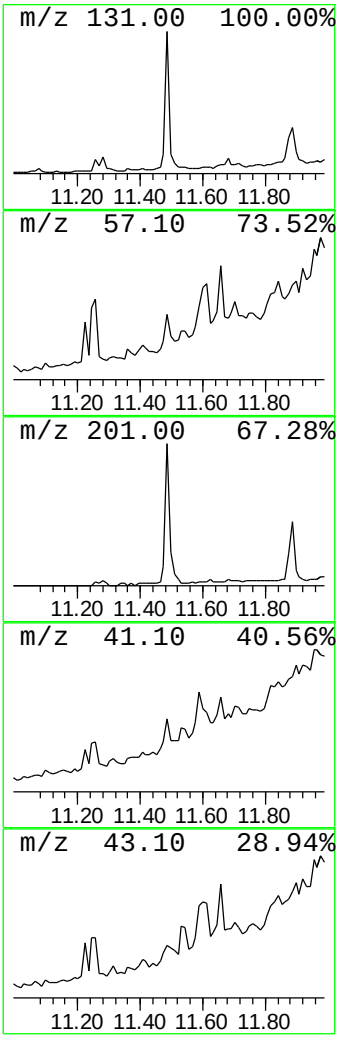
Peak Number 9 unknown11.49 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	11.00 ng	368032	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide, N-(4-chlorophenyl...	257	C15H12ClNO	053691-91-1	32
2	D-Galactopyranoside, methyl 2-am...	409	C16H39NO5Si3	056272-07-2	25
3	Naphthalene, 1,2,3,4-tetrahydro-...	258	C19H30	033425-49-9	12
4	2-Propenoic acid, 3-phenyl-, 1,7...	284	C19H24O2	006330-67-2	12
5	Propionamide, N-(2-(trifluoromet...	257	C11H10F3N3O	089427-48-5	10





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Misc :
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Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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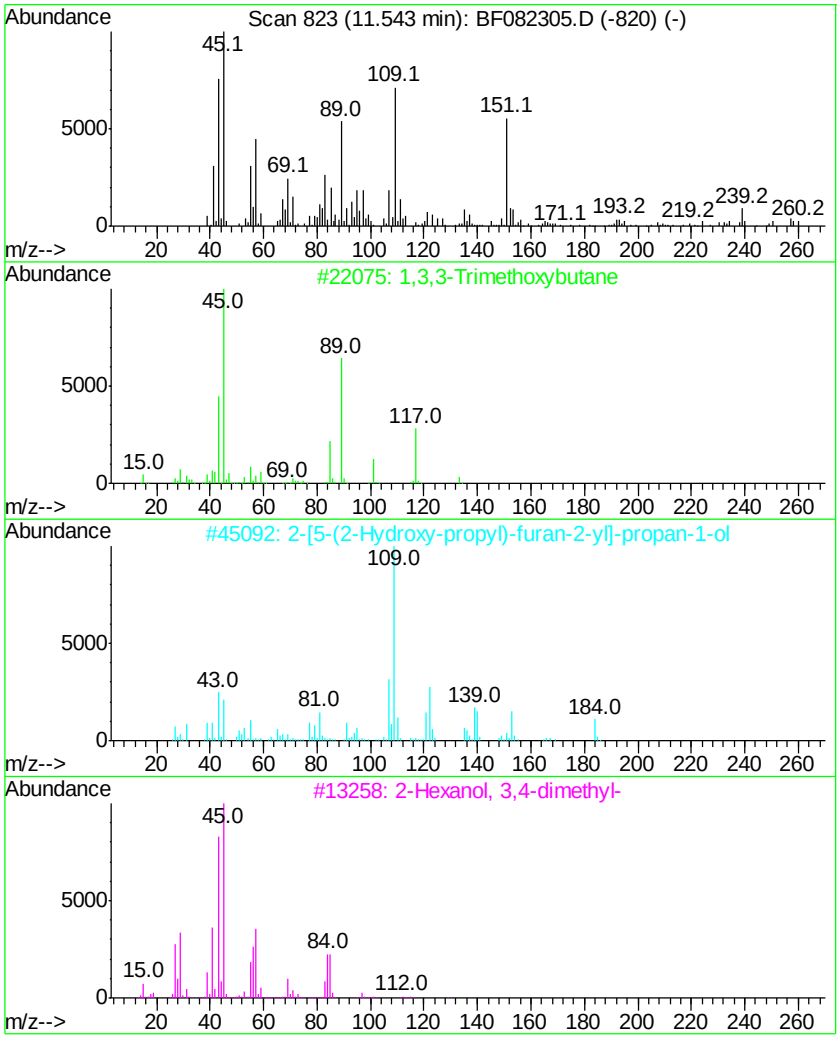
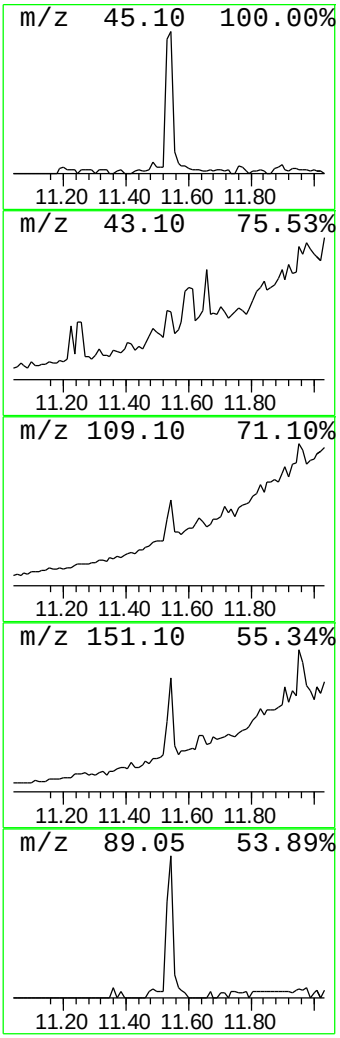
Peak Number 10 unknown11.54 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	6.68 ng	223550	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	38
2	2-[5-(2-Hydroxy-propyl)-furan-2-...	184	C10H16O3	1000187-25-5	38
3	2-Hexanol, 3,4-dimethyl-	130	C8H18O	019550-05-1	22
4	Acetic acid, 3-methoxymethoxy-2-...	261	C11H19NO6	1000192-60-8	22
5	N1,N4-Diacetyl sulphanilamide	256	C10H12N2O4S	005626-90-4	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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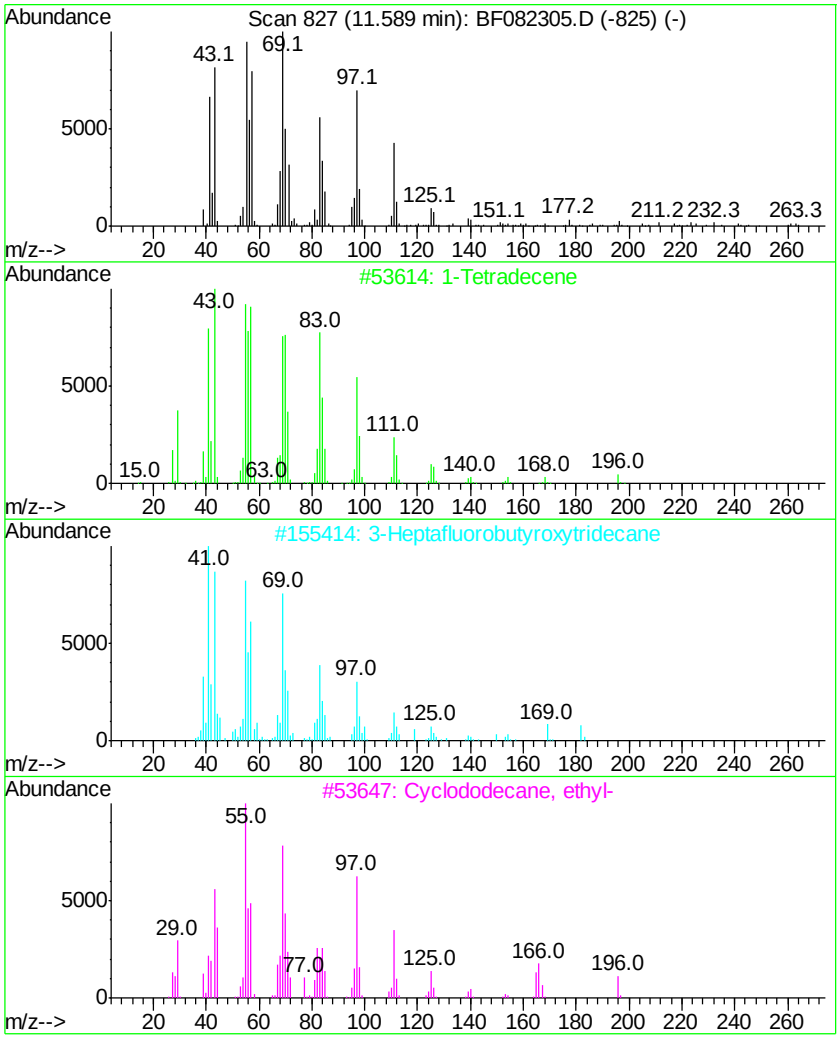
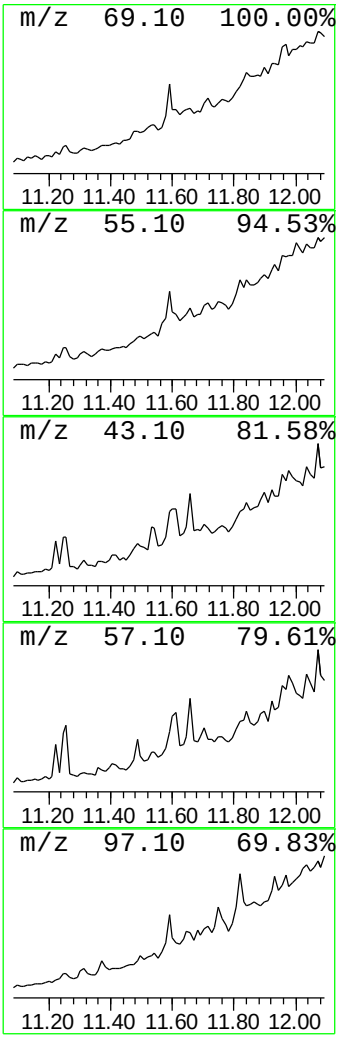
Peak Number 11 1-Tetradecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	15.45 ng	516859	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	92
2	3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	87
3	Cyclododecane, ethyl-	196	C14H28	028981-49-9	87
4	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	76
5	Cyclooctane, methyl-	126	C9H18	001502-38-1	74





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Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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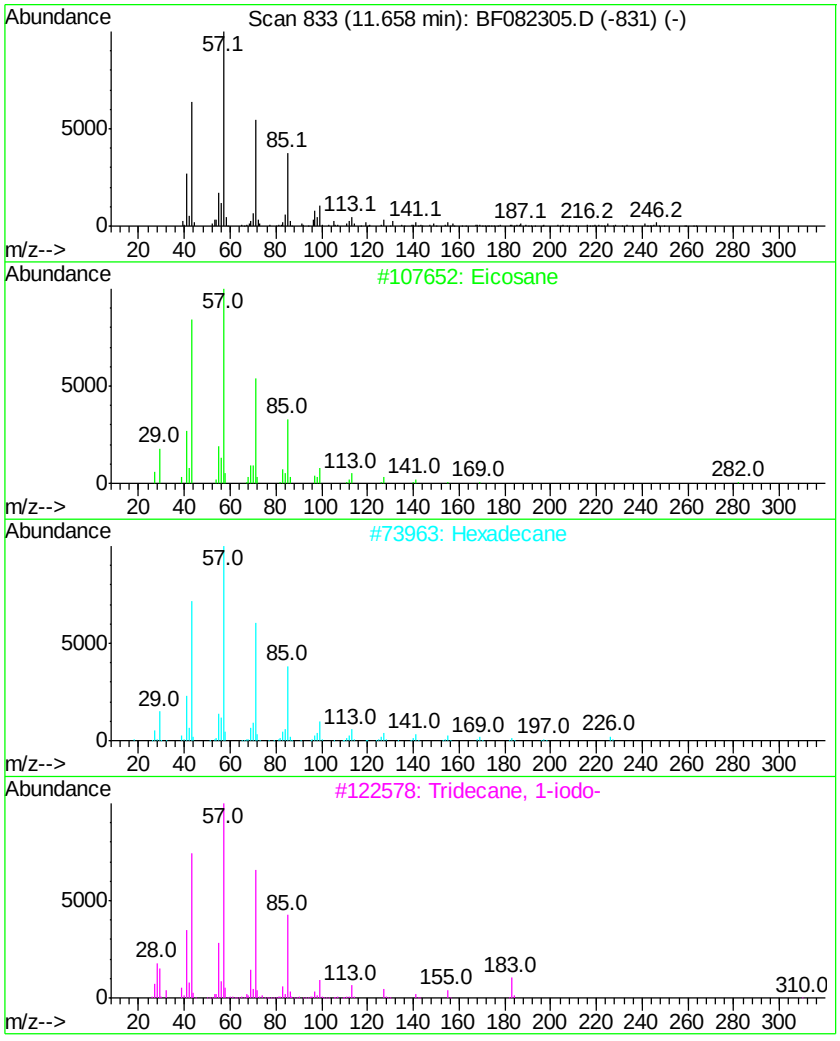
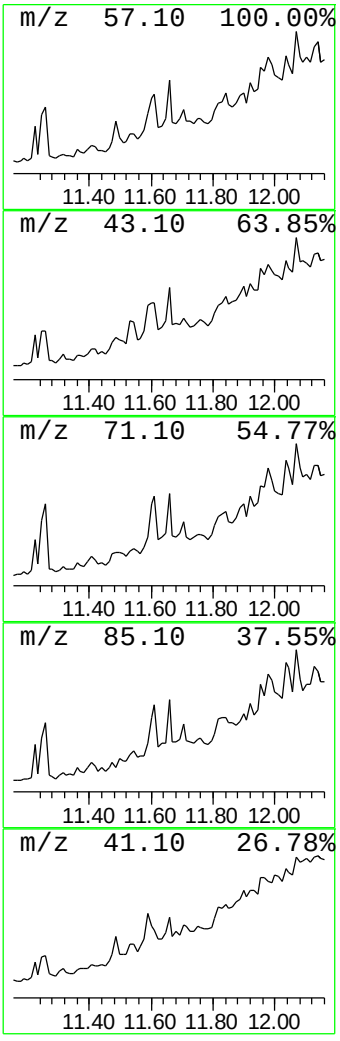
Peak Number 12 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	4.74 ng	158486	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Tetracosane	338	C24H50	000646-31-1	72
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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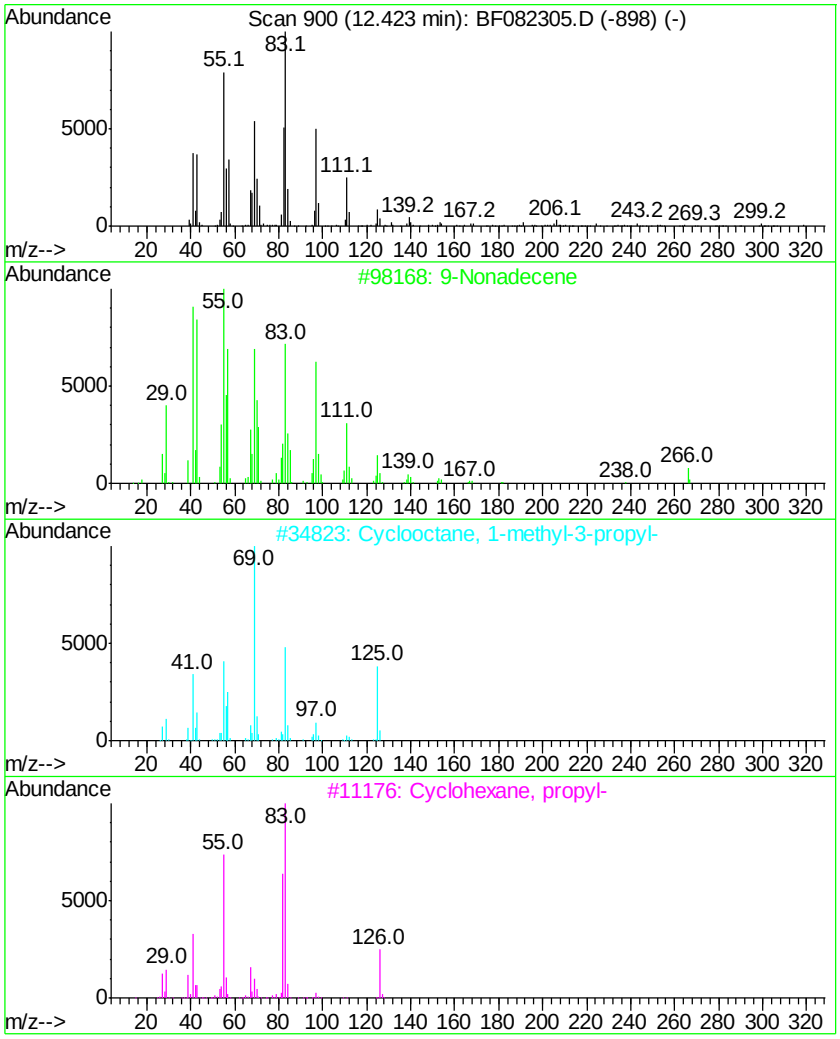
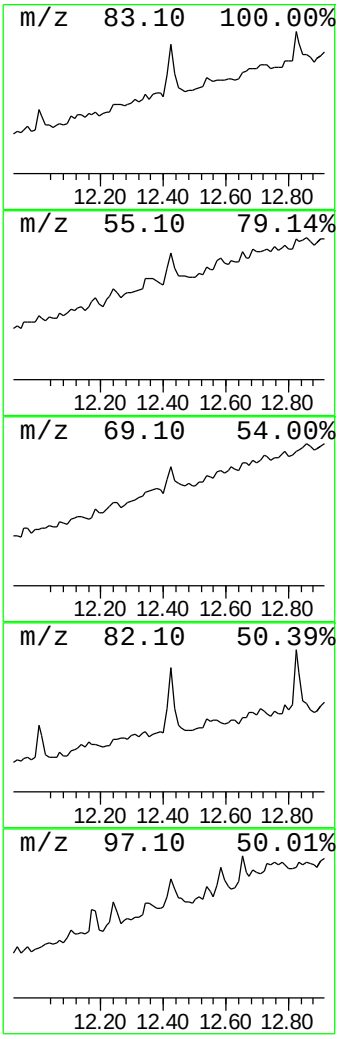
Peak Number 13 9-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	18.59 ng	621937	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	62
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4	1-Docosene	308	C22H44	001599-67-3	47
5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082305.D
Acq On : 15 Oct 2015 13:15
Operator : UM/IZ
Sample : G4015-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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
2-Pentanone, 4-hy...	4.99	79.8	ng	1736490	1	6.82	435217	20.0
unknown6.59	6.59	63.6	ng	1383660	1	6.82	435217	20.0
Pyridine, 2-butyl...	9.30	6.0	ng	190185	3	9.87	639070	20.0
unknown10.45	10.45	6.0	ng	190248	3	9.87	639070	20.0
Pentadecane, 2,6,...	10.51	2.1	ng	66726	3	9.87	639070	20.0
Pentadecane, 2,6,...	10.79	4.5	ng	151066	4	11.36	669241	20.0
Hexadecane, 2,6,1...	11.26	12.1	ng	404452	4	11.36	669241	20.0
unknown11.49	11.49	11.0	ng	368032	4	11.36	669241	20.0
unknown11.54	11.54	6.7	ng	223550	4	11.36	669241	20.0
1-Tetradecene	11.59	15.4	ng	516859	4	11.36	669241	20.0
Eicosane	11.66	4.7	ng	158486	4	11.36	669241	20.0
9-Nonadecene	12.42	18.6	ng	621937	4	11.36	669241	20.0