LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091108.D
Acq On : 9 Nov 2016 4:10
Operator : UM/SJ
Sample : H5593-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-SIDEWALL

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-BF110316.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	1.755	4	6	57	rVB	3657171	9488437	100.00%	19.056%
2	4.807	271	273	286	rBV	697435	1088853	11.48%	2.187%
3	5.253	310	312	315	rBV	3666396	4228128	44.56%	8.492%
4	6.316	402	405	408	rBV	3565030	4388505	46.25%	8.814%
5	6.430	413	415	418	rBV	4330998	4298126	45.30%	8.632%
6	6.659	433	435	440	rBV	1189453	1134691	11.96%	2.279%
7	6.819	446	449	451	rBV	3636626	3621427	38.17%	7.273%
8	7.230	482	485	488	rBV	2599167	2649046	27.92%	5.320%
9	7.950	545	548	550	rBV	1374432	1456935	15.35%	2.926%
10	9.025	640	642	645	rBV	4646565	4302012	45.34%	8.640%
11	9.425	675	677	679	rBV	797757	681908	7.19%	1.370%
12	9.699	698	701	703	rBV	1603123	1617042	17.04%	3.248%
13	10.145	735	740	741	rBV	103775	181568	1.91%	0.365%
14	10.488	767	770	772	rBV	2795122	2780761	29.31%	5.585%
15	10.614	779	781	785	rBV	144779	194522	2.05%	0.391%
16	11.059	818	820	821	rBV	145152	136858	1.44%	0.275%
17	11.174	828	830	833	rBV	1471844	1324280	13.96%	2.660%
18	12.762	967	969	971	rBV	3734224	3329385	35.09%	6.687%
19	13.665	1046	1048	1054	rVB	196251	251441	2.65%	0.505%
20	13.802	1058	1060	1063	rBV	946110	1063723	11.21%	2.136%
21	14.568	1125	1127	1133	rBV	370505	433980	4.57%	0.872%
22	14.648	1133	1134	1136	rVB	159268	136133	1.43%	0.273%
23	15.185	1178	1181	1185	rVB	839590	1004190	10.58%	2.017%

Sum of corrected areas: 49791951

LSC Report - Integrated Chromatogram

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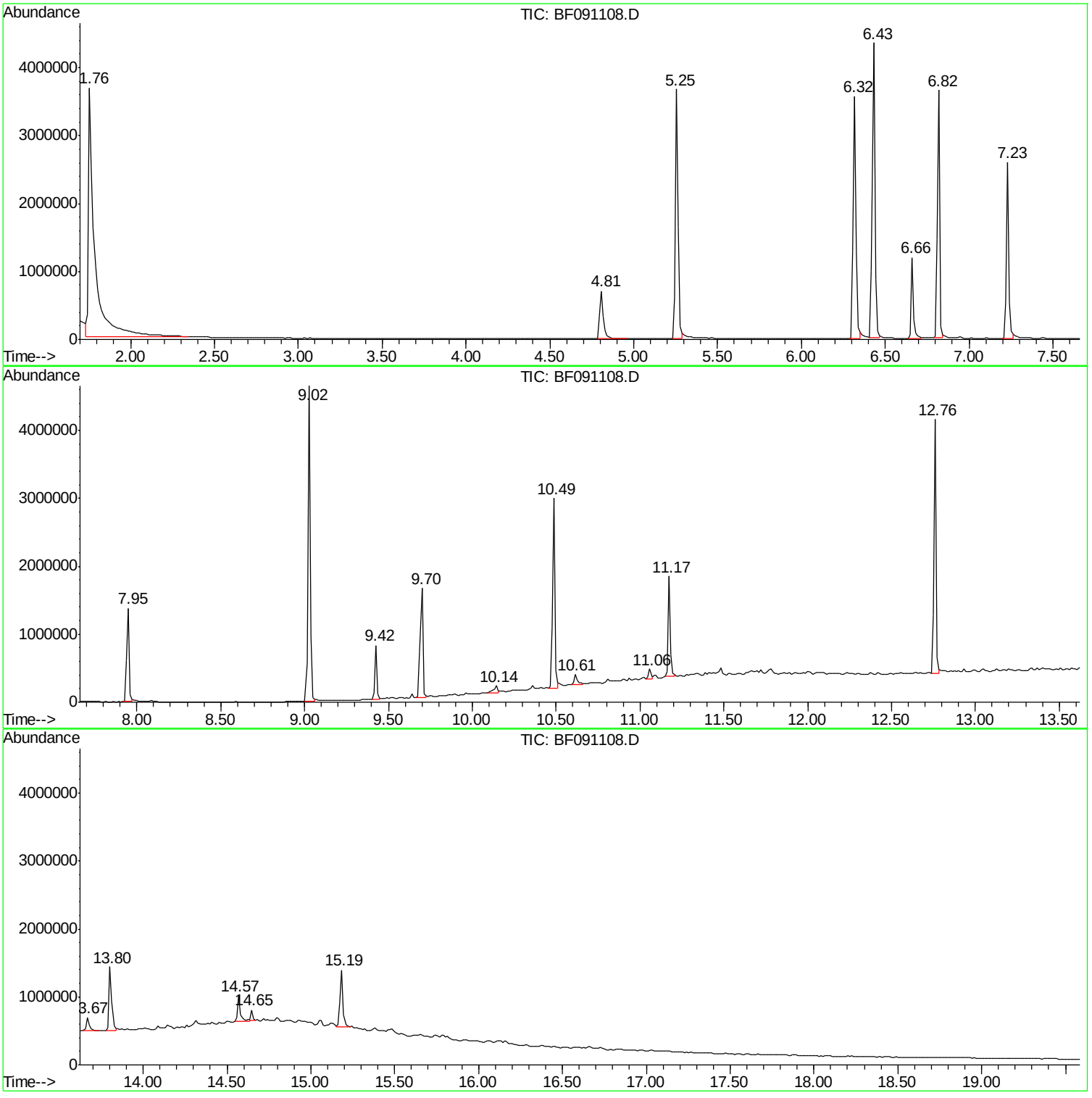
Sample : H5593-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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Data File : BF091108.D
Acq On : 9 Nov 2016 4:10
Operator : UM/SJ
Sample : H5593-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

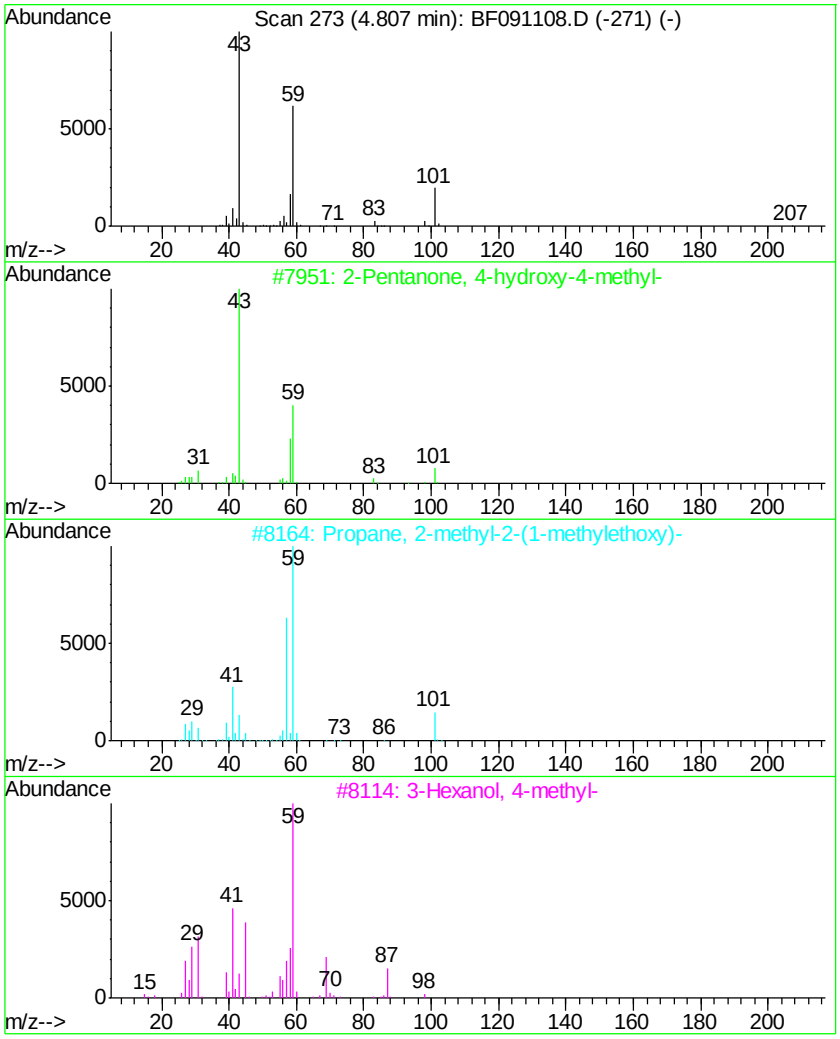
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

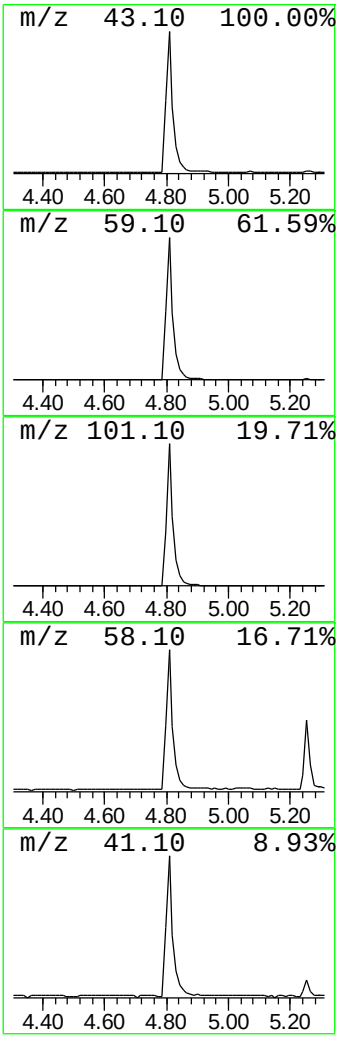
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	19.19 ng	1088850	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetone	58	C3H6O	000067-64-1	9





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Data File : BF091108.D
Acq On : 9 Nov 2016 4:10
Operator : UM/SJ
Sample : H5593-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

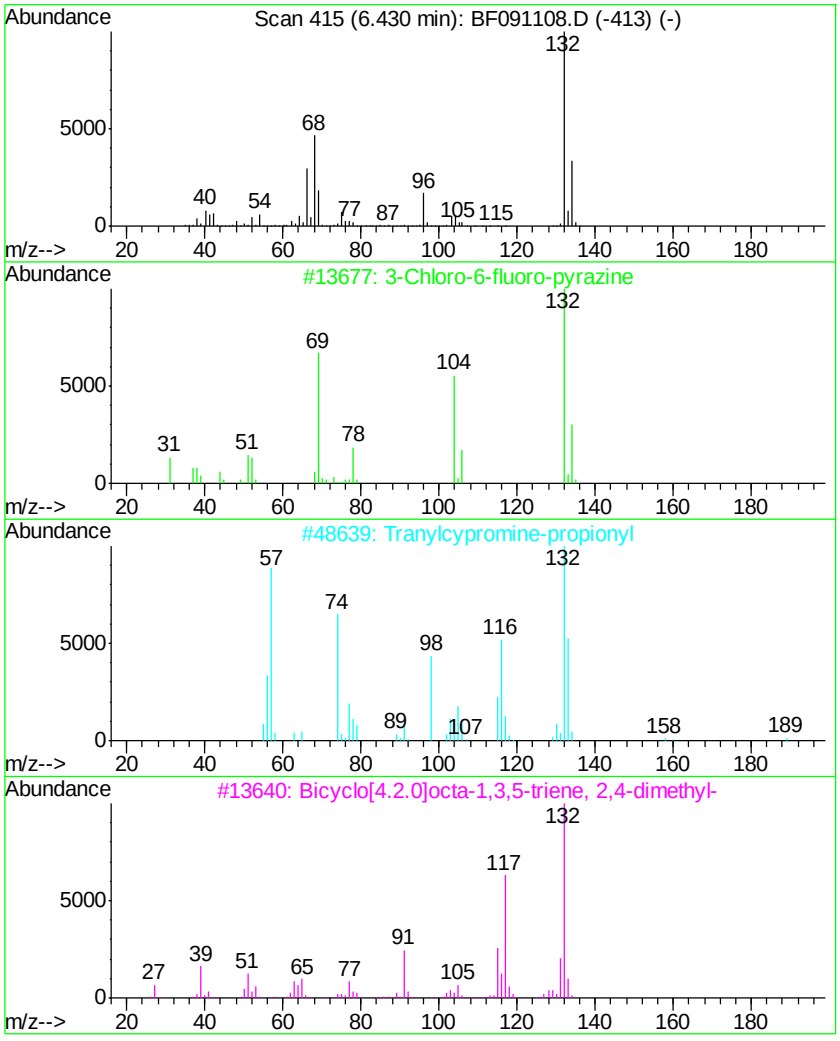
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

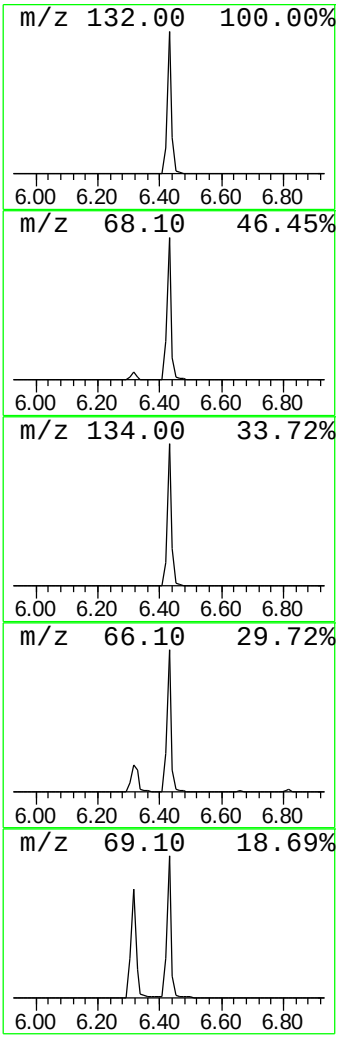
****

Peak Number 3 unknown6.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	75.76 ng	4298130	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091108.D
Acq On : 9 Nov 2016 4:10
Operator : UM/SJ
Sample : H5593-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

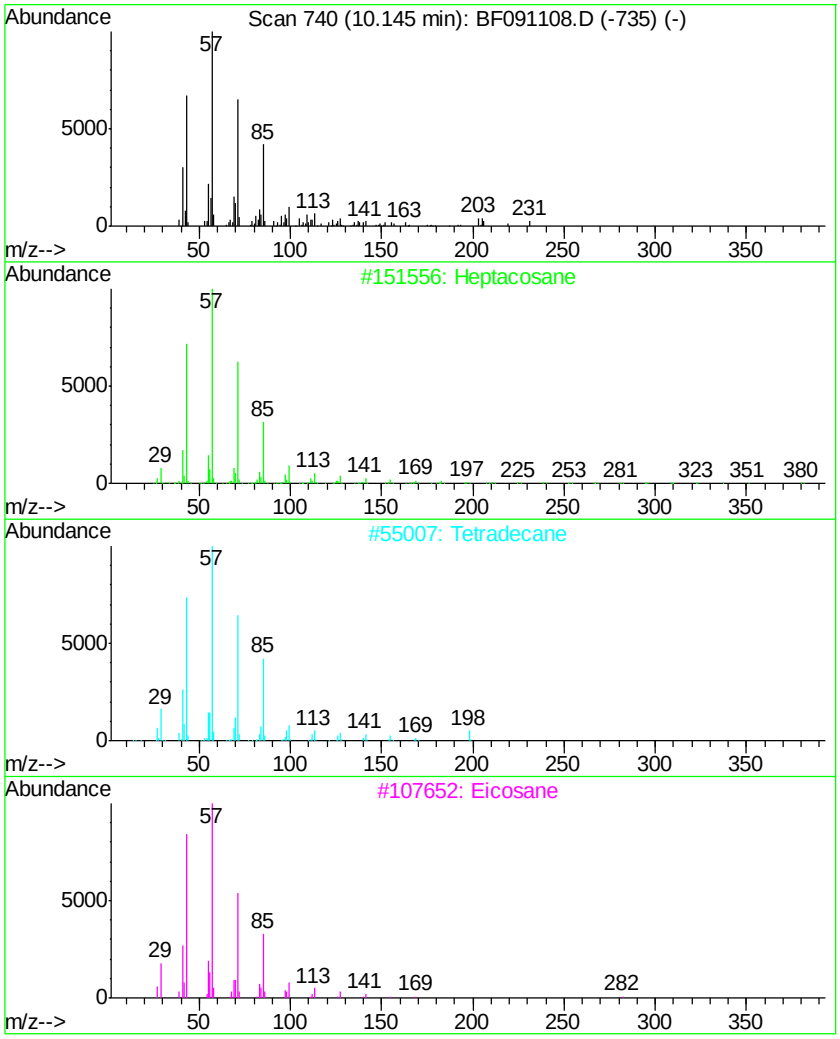
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

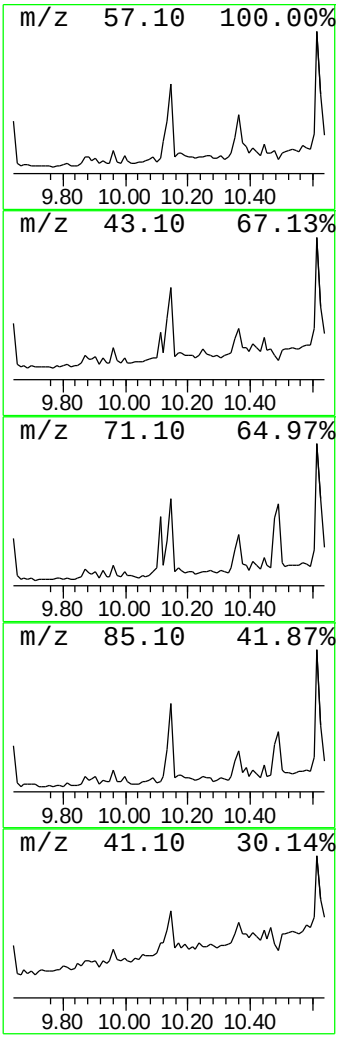
****

Peak Number 5 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	2.25 ng	181568	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Tetradecane	198	C14H30	000629-59-4	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091108.D
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Operator : UM/SJ
Sample : H5593-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

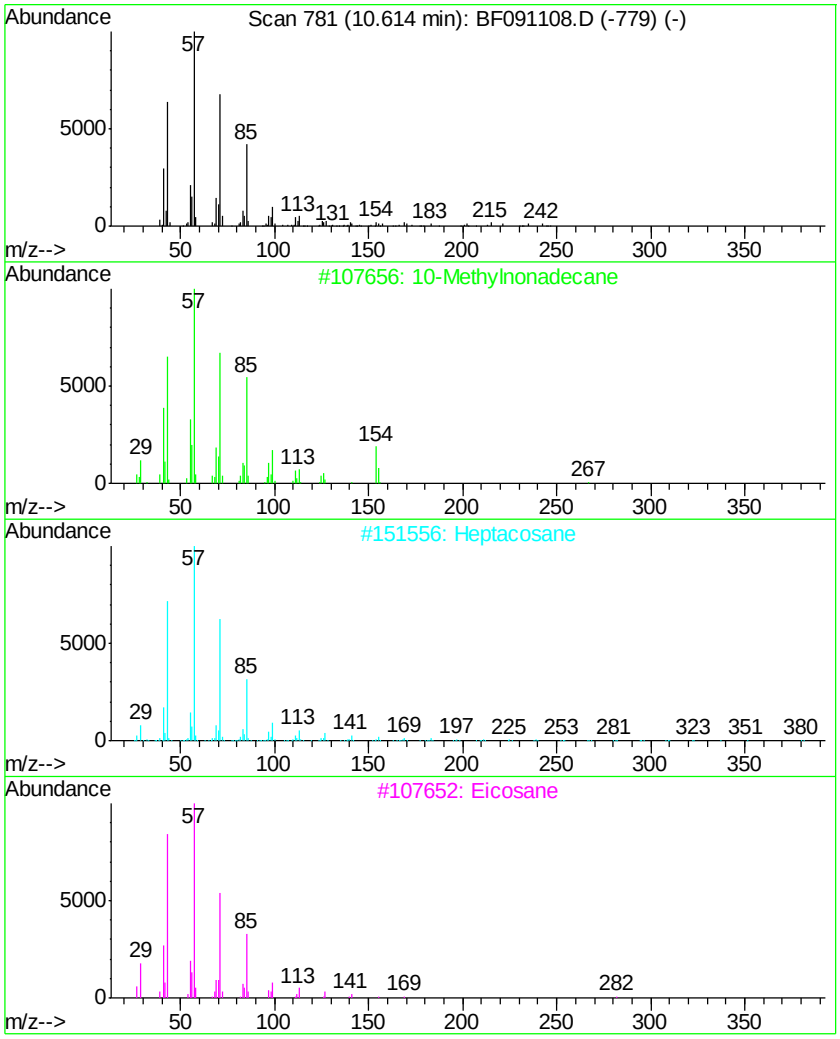
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

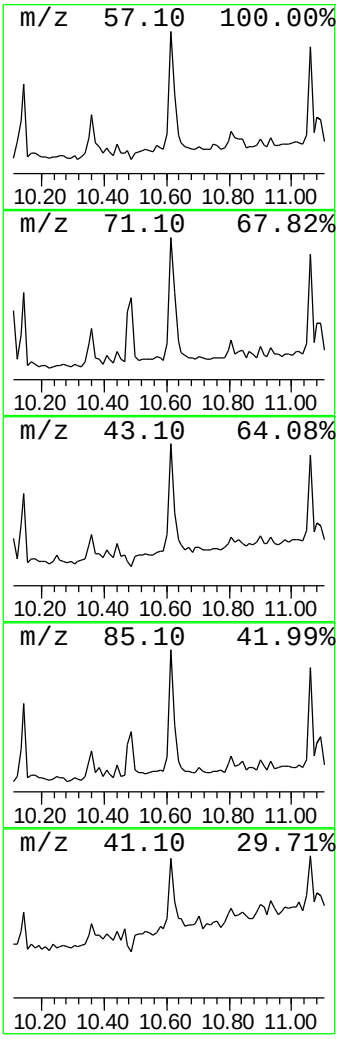
****

Peak Number 6 10-Methylnonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	2.94 ng	194522	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091108.D
Acq On : 9 Nov 2016 4:10
Operator : UM/SJ
Sample : H5593-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

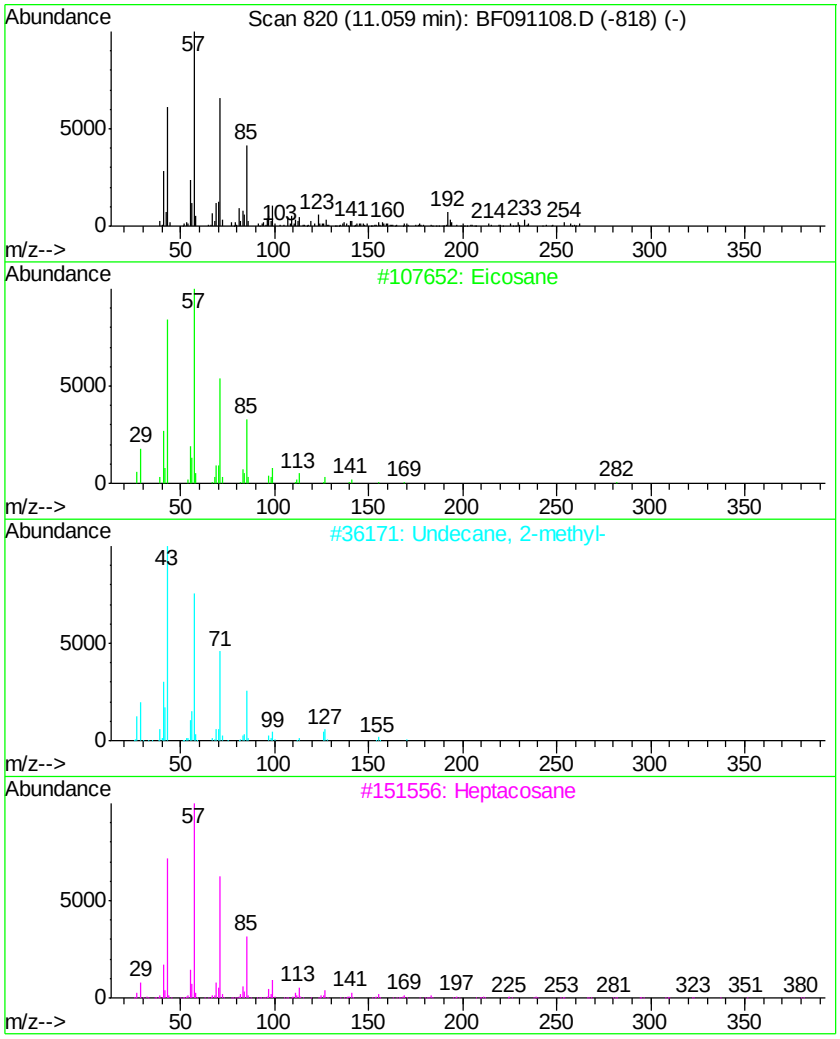
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

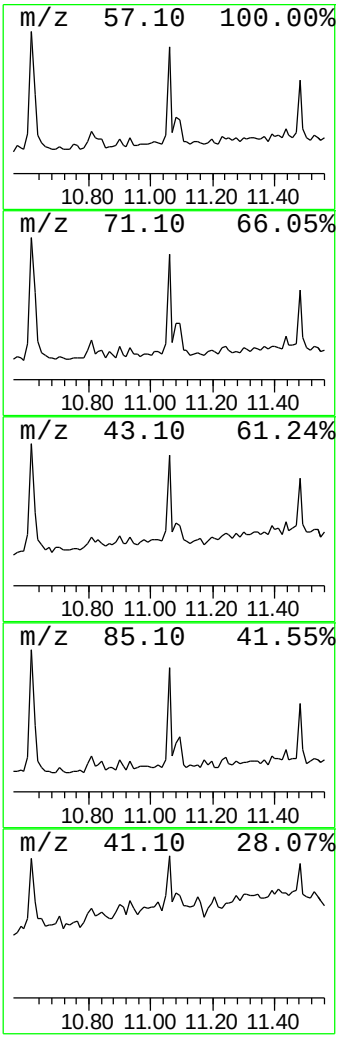
****

Peak Number 7 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.07 ng	136858	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





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Sample : H5593-04
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NORTH-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

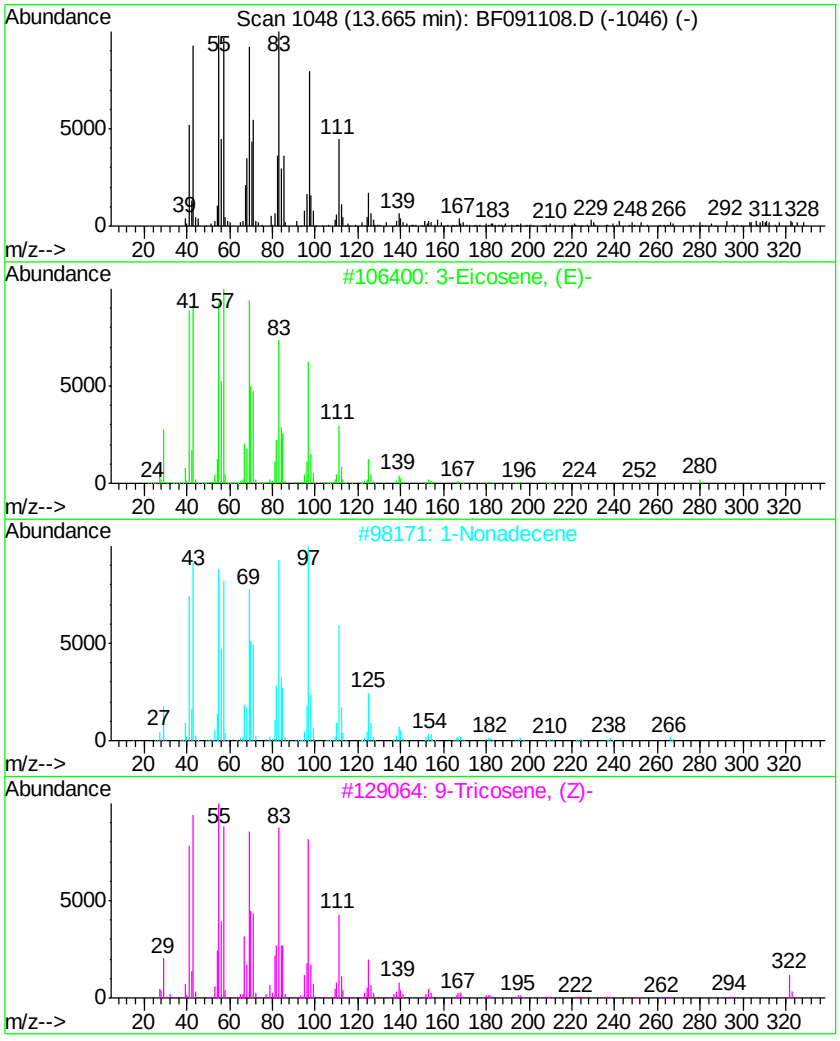
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

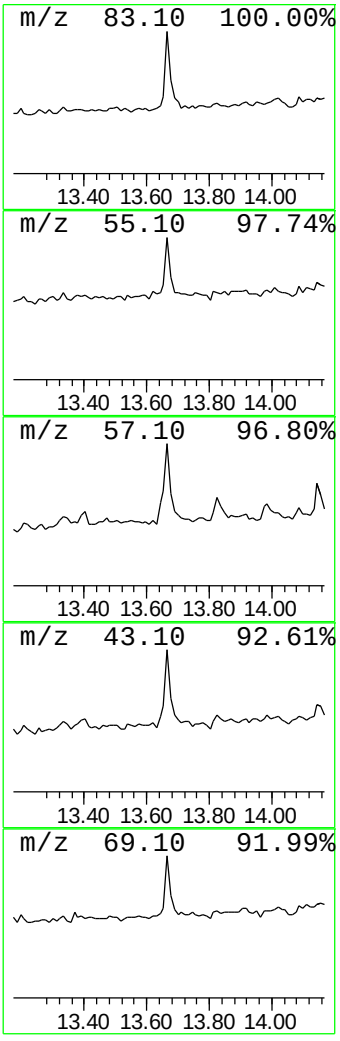
****

Peak Number 8 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.73 ng	251441	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	2-Methyl-2-docosene	322	C23H46	1000131-16-9	93
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





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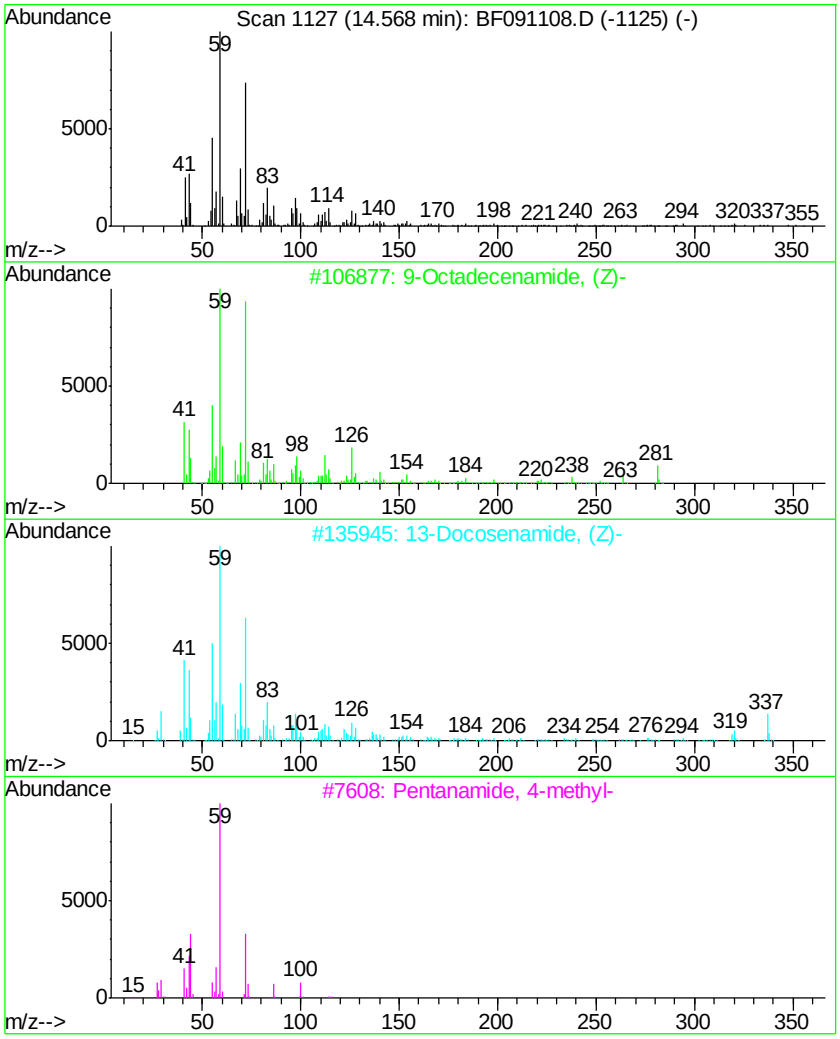
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

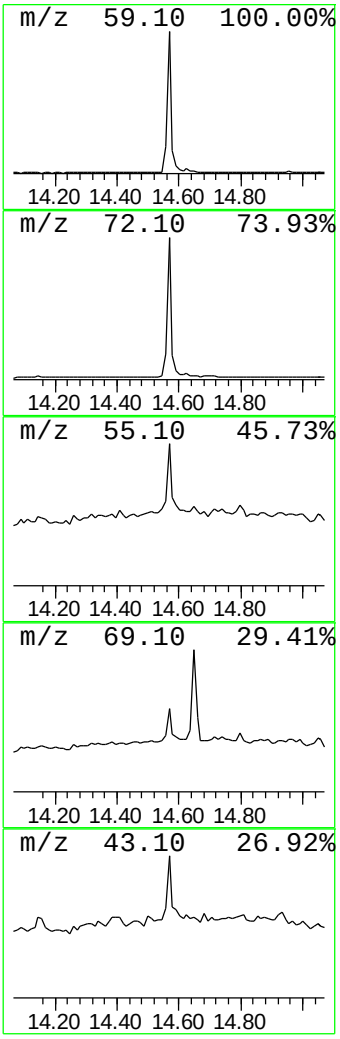
****

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	8.64 ng	433980	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	78
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	47
4	Decanamide-	171	C10H21NO	002319-29-1	43
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	35





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TIC Library : C:\DATABASE\NIST02.L
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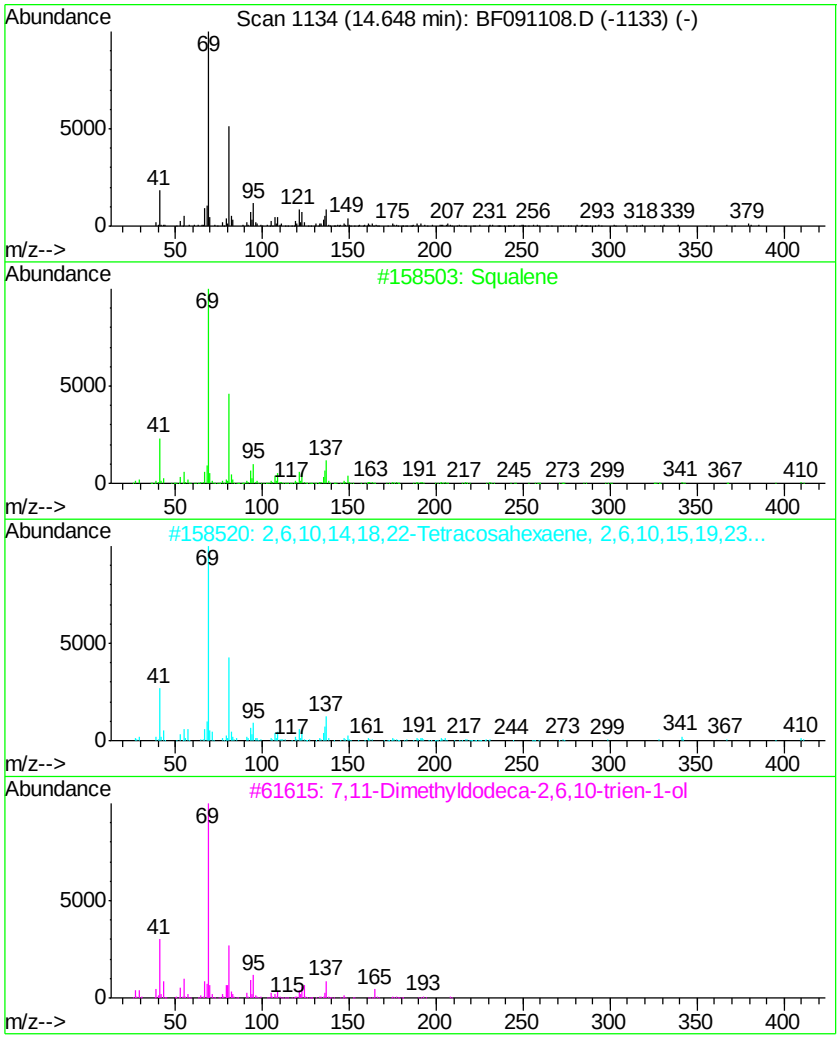
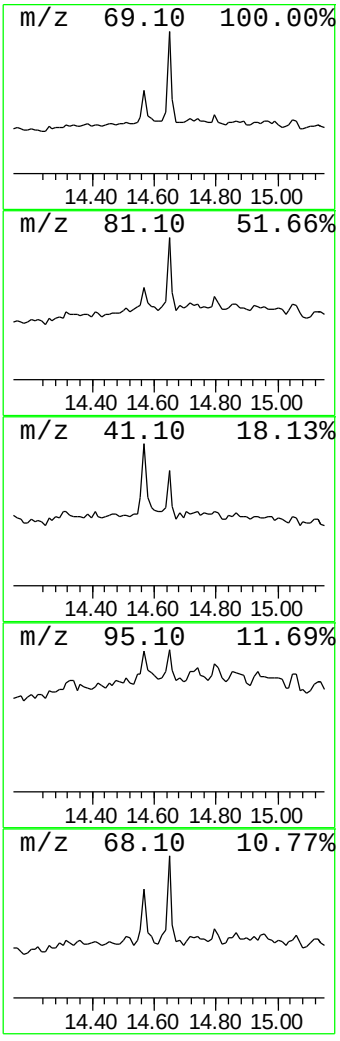
Peak Number 10 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.71 ng	136133	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
4	Farnesol isomer a	222	C15H26O	1000108-92-4	72
5	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	64





Tentatively Identified Compound (LSC) summary

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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...	4.81	19.2	ng	1088850	1	6.66	1134690	20.0
unknown6.43	6.43	75.8	ng	4298130	1	6.66	1134690	20.0
Heptacosane	10.14	2.3	ng	181568	3	9.70	1617040	20.0
10-Methylnonadecane	10.61	2.9	ng	194522	4	11.17	1324280	20.0
Eicosane	11.06	2.1	ng	136858	4	11.17	1324280	20.0
3-Eicosene, (E)-	13.67	4.7	ng	251441	5	13.80	1063720	20.0
9-Octadecenamide,...	14.57	8.6	ng	433980	6	15.19	1004190	20.0
Squalene	14.65	2.7	ng	136133	6	15.19	1004190	20.0