LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

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-BF030316.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	2.344	3	5	12	rVB	54560	88053	1.61%	0.182%
2	5.190	251	254	262	rVB	773516	1256003	22.95%	2.599%
3	5.590	285	289	291	rBV	3676875	5143476	93.98%	10.644%
4	6.596	373	377	380	rBV	3553537	4388177	80.18%	9.081%
5	6.744	386	390	392	rBV	4079316	5272757	96.34%	10.911%
6	6.973	407	410	412	rBV	1002480	1046649	19.12%	2.166%
7	7.133	421	424	426	rVB	3087535	4044152	73.89%	8.369%
8	7.533	456	459	461	rBV	2966387	3245385	59.30%	6.716%
9	7.602	461	465	471	rVB	47785	67005	1.22%	0.139%
10	8.253	519	522	524	rBV	1623514	1443649	26.38%	2.987%
11	9.328	613	616	619	rBV	3842356	5472848	100.00%	11.325%
12	9.716	648	650	652	rBV	439107	503366	9.20%	1.042%
13	9.933	667	669	672	rVB	54617	66844	1.22%	0.138%
14	10.013	673	676	678	rVB	1543811	1560622	28.52%	3.230%
15	10.436	711	713	715	rVB	152499	128033	2.34%	0.265%
16	10.653	729	732	736	rBV	51335	97177	1.78%	0.201%
17	10.802	741	745	747	rBV	3319604	3502267	63.99%	7.248%
18	10.916	752	755	759	rVB2	114149	223262	4.08%	0.462%
19	11.362	791	794	795	rBV	81166	92479	1.69%	0.191%
20	11.499	803	806	807	rBV	1395829	1545910	28.25%	3.199%
21	11.568	809	812	813	rVB3	36760	65152	1.19%	0.135%
22	12.014	849	851	858	rBV	415158	484150	8.85%	1.002%
23	12.265	872	873	876	rBV	56647	72764	1.33%	0.151%
24	12.699	909	911	916	rBV	98050	138069	2.52%	0.286%
25	12.802	917	920	927	rVV	135083	179693	3.28%	0.372%
26	12.928	927	931	934	rVB	82930	136005	2.49%	0.281%
27	13.088	942	945	947	rVB	3636821	4888417	89.32%	10.116%
28	13.968	1020	1022	1028	rBV	316340	338287	6.18%	0.700%
29	14.128	1032	1036	1042	rVB2	1255377	1594880	29.14%	3.300%
30	14.882	1098	1102	1106	rVV2	122845	214418	3.92%	0.444%
31	14.985	1108	1111	1113	rVV	77756	99702	1.82%	0.206%
32	15.168	1125	1127	1131	rVB	38164	71467	1.31%	0.148%
33	15.602	1162	1165	1171	rVB	602059	852397	15.58%	1.764%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 48323515

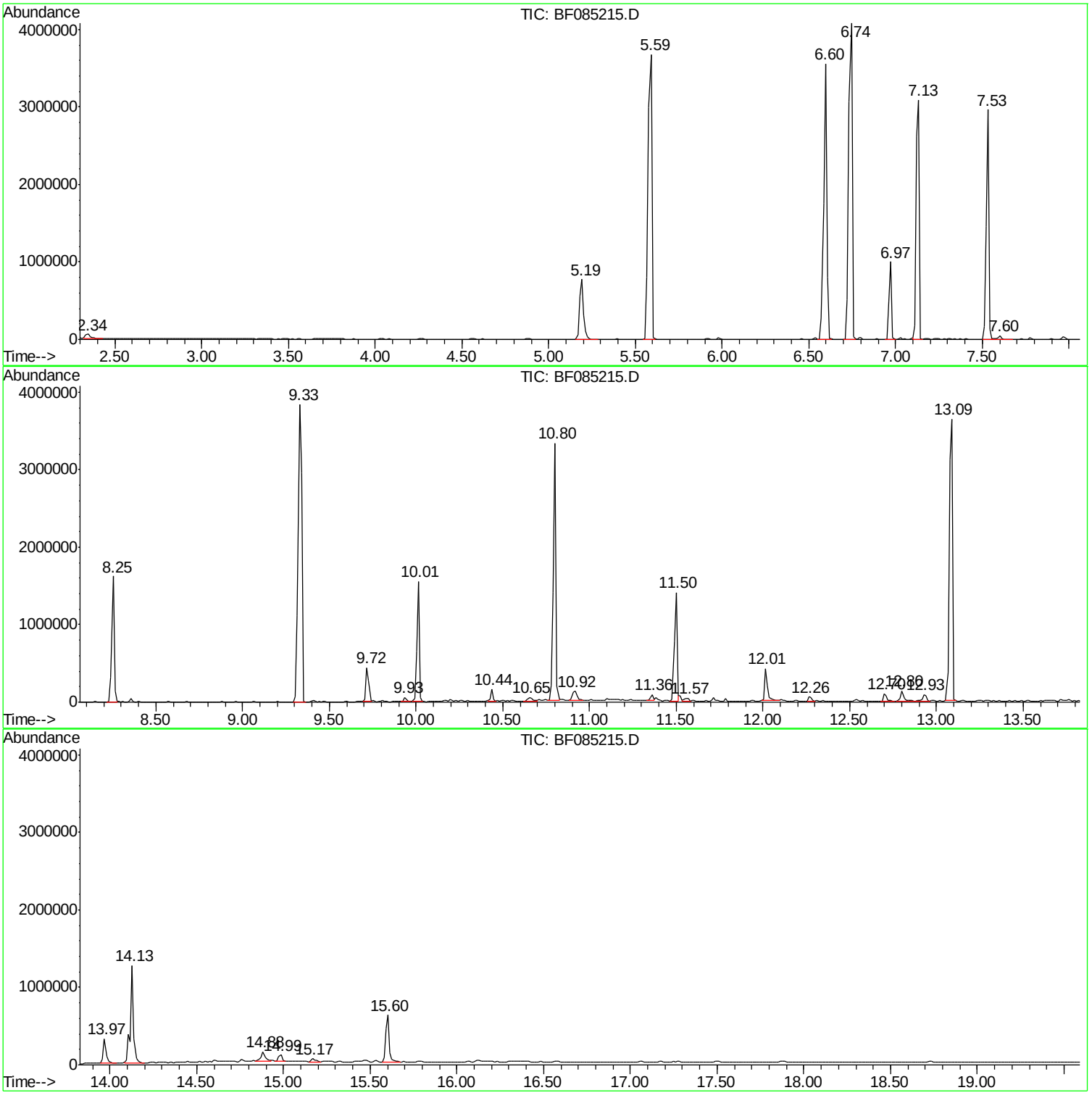
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

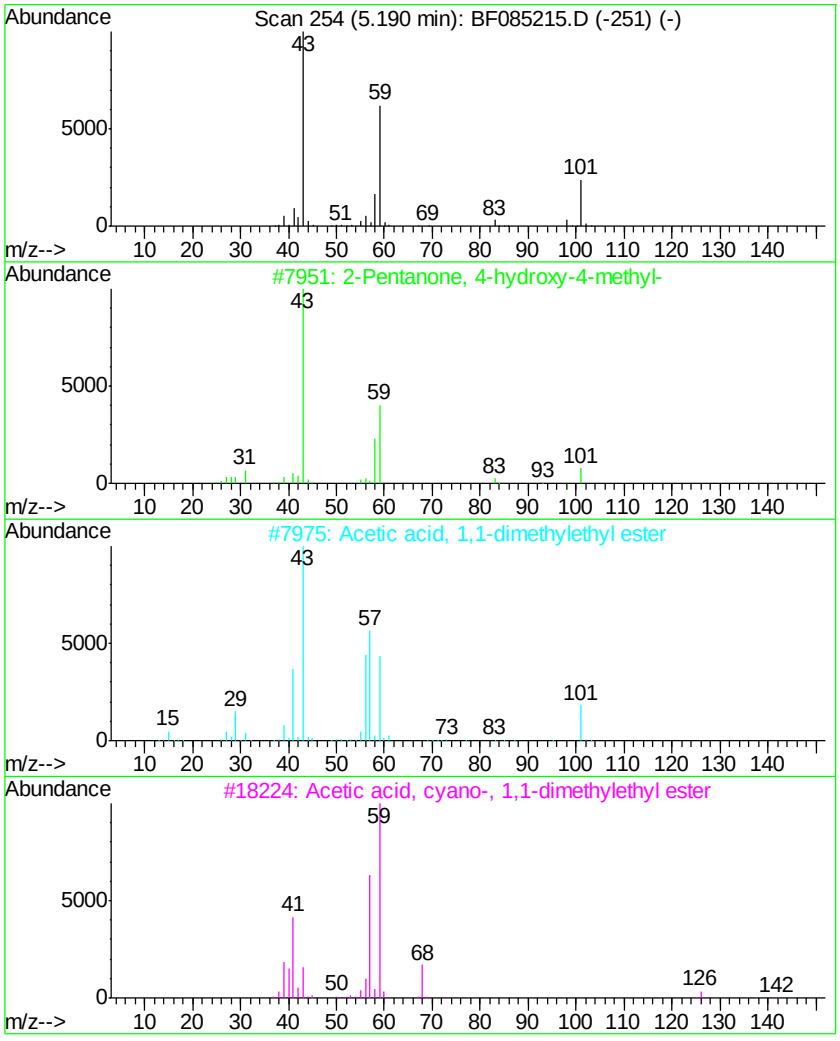
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

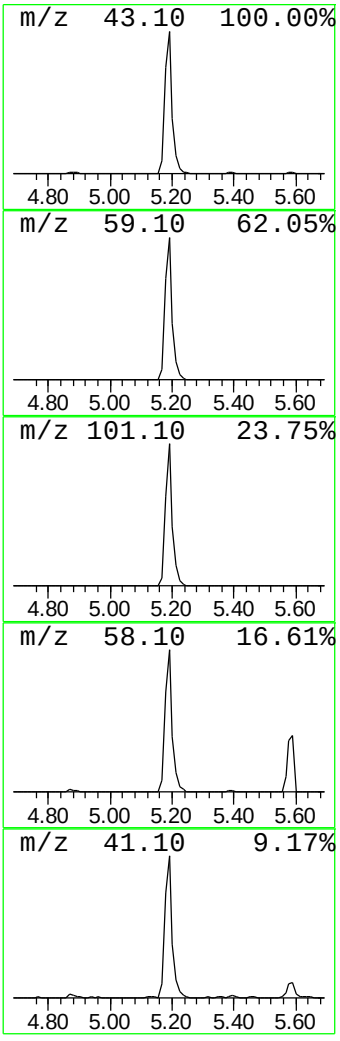
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	24.00 ng	1256000	1,4-Dichlorobenzene-d4	6.97

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

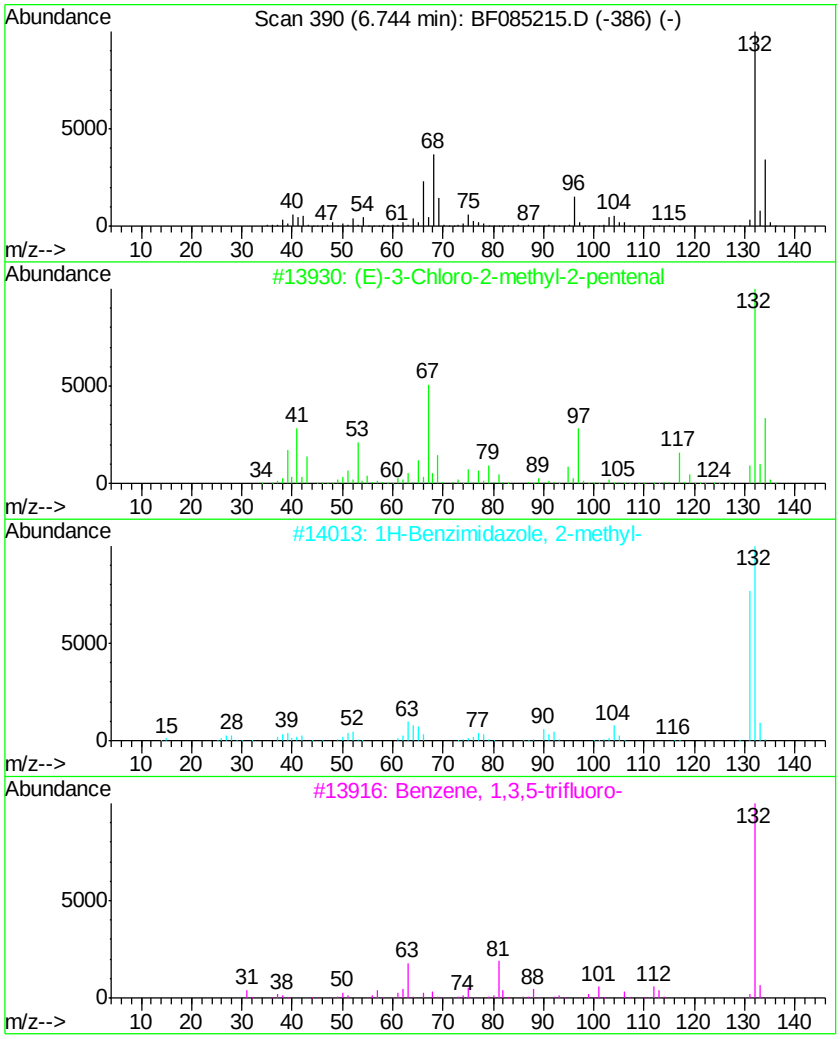
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

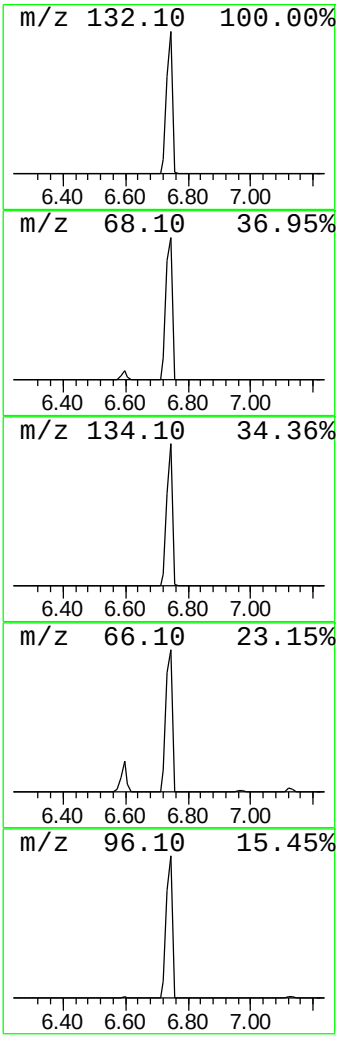
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	100.76 ng	5272760	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

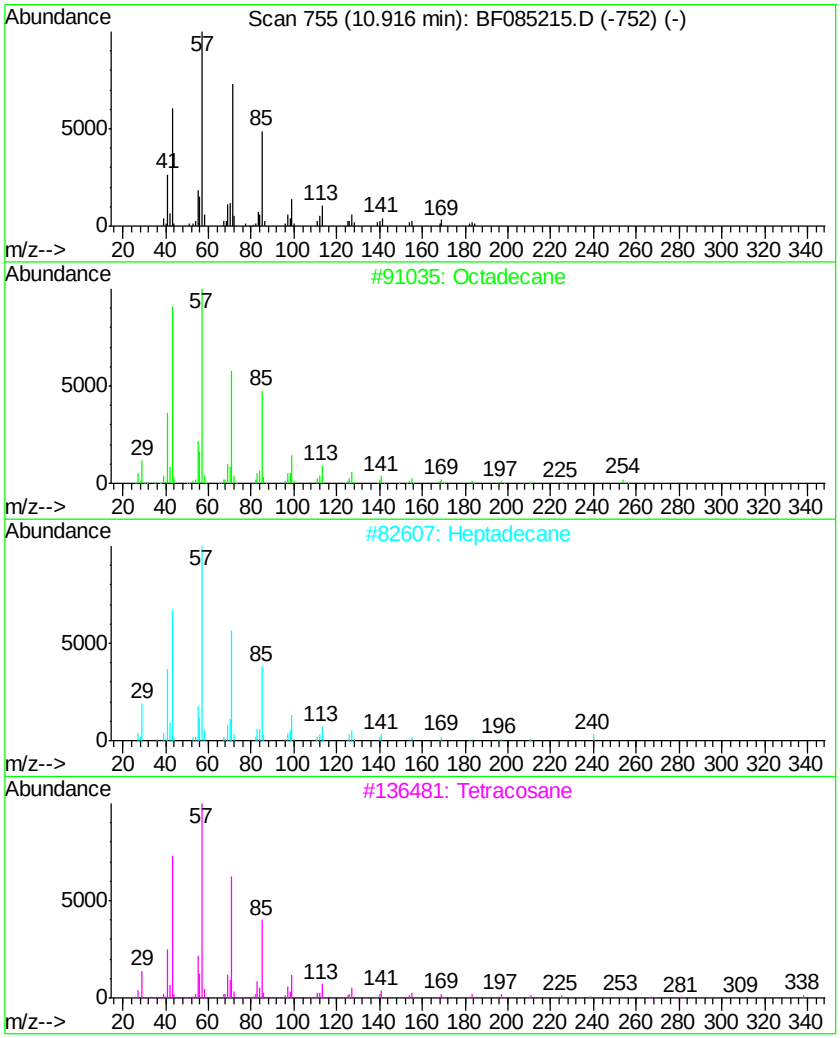
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

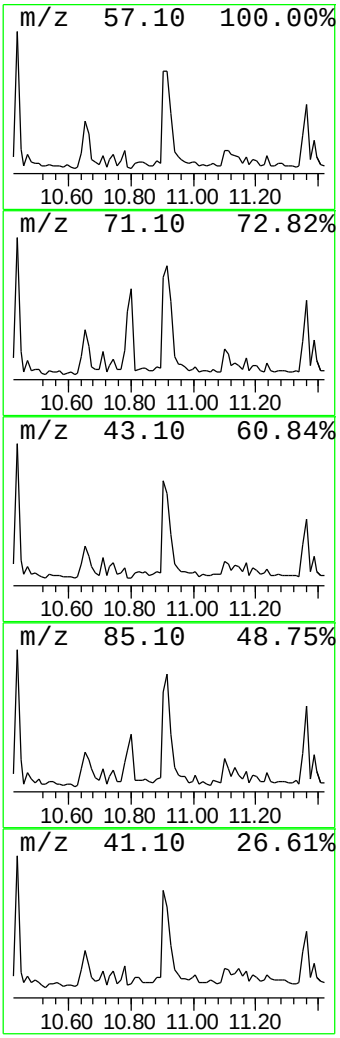
****

Peak Number 4 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	2.89 ng	223262	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

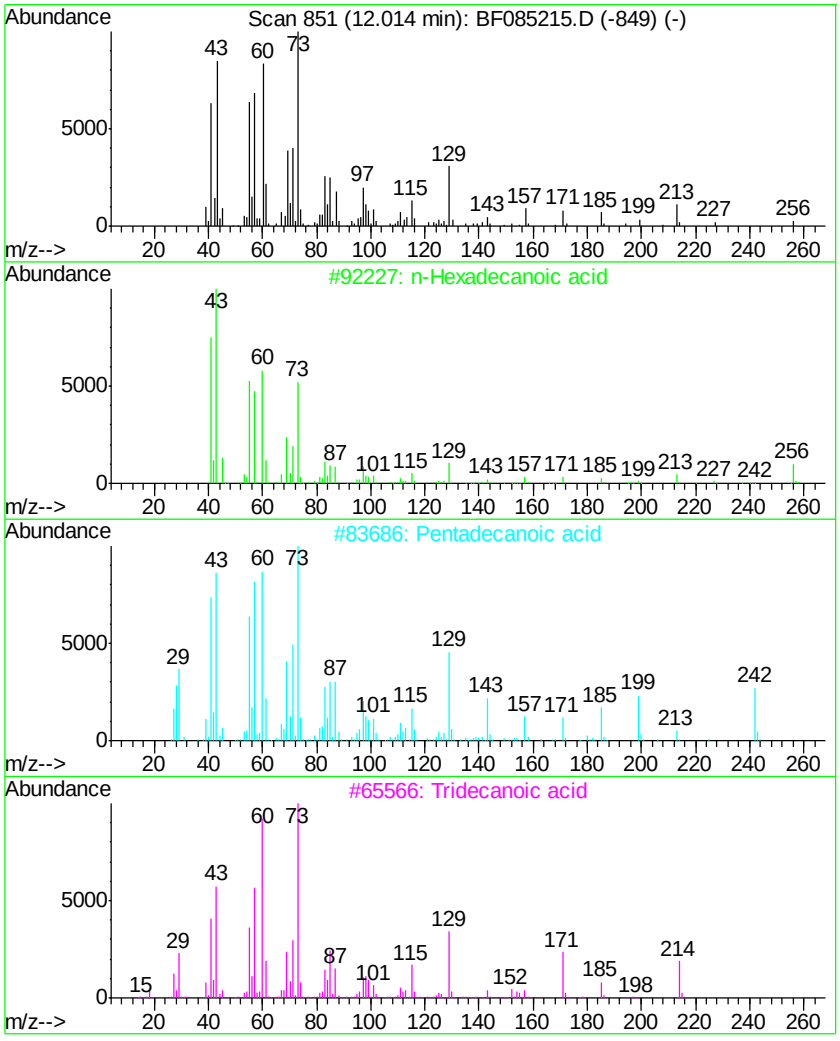
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

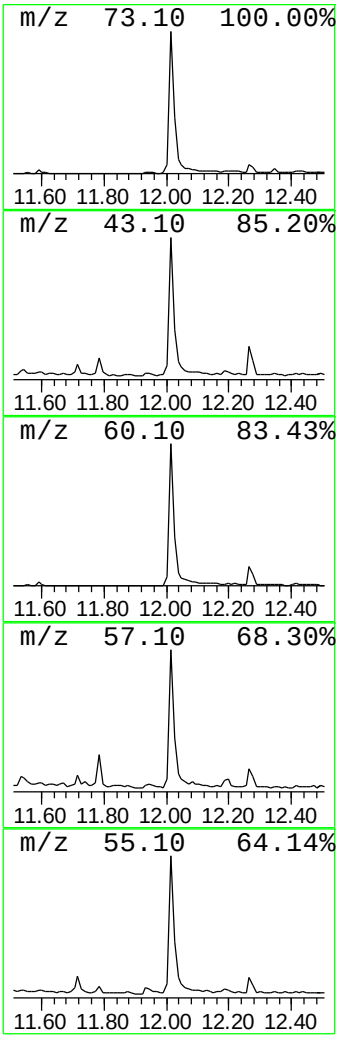
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.26 ng	484150	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Nonanoic acid	158	C9H18O2	000112-05-0	11
5	Dodecane	170	C12H26	000112-40-3	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

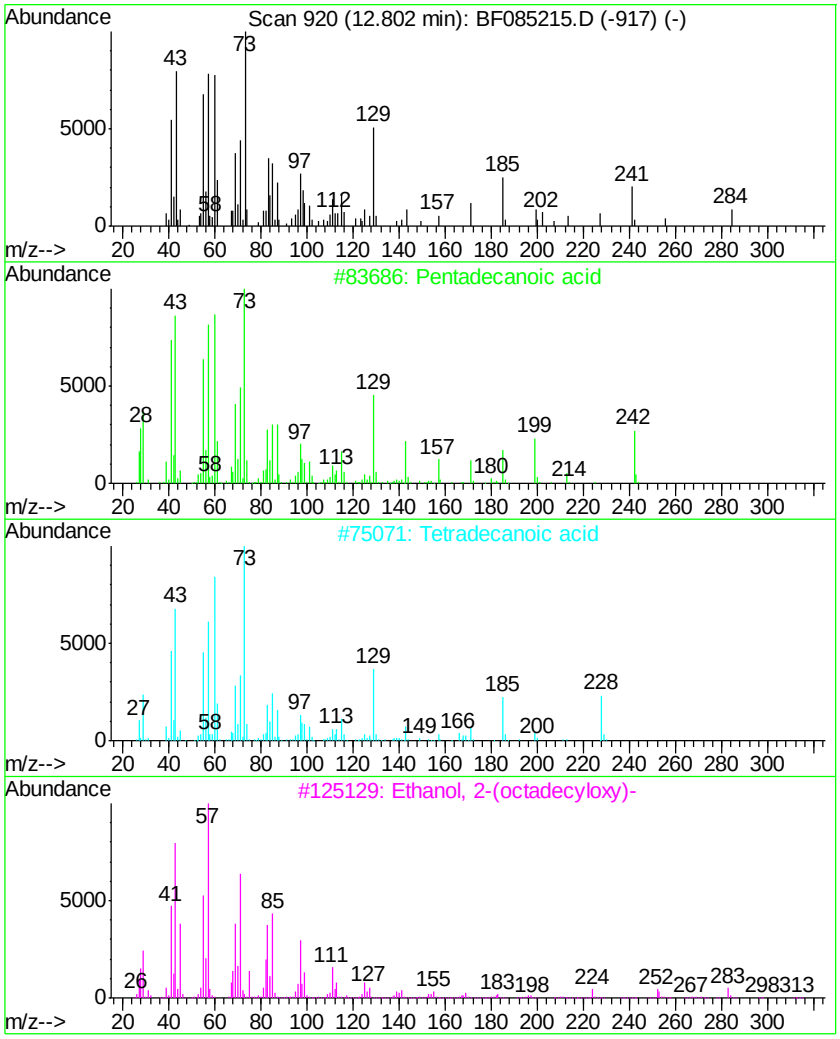
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

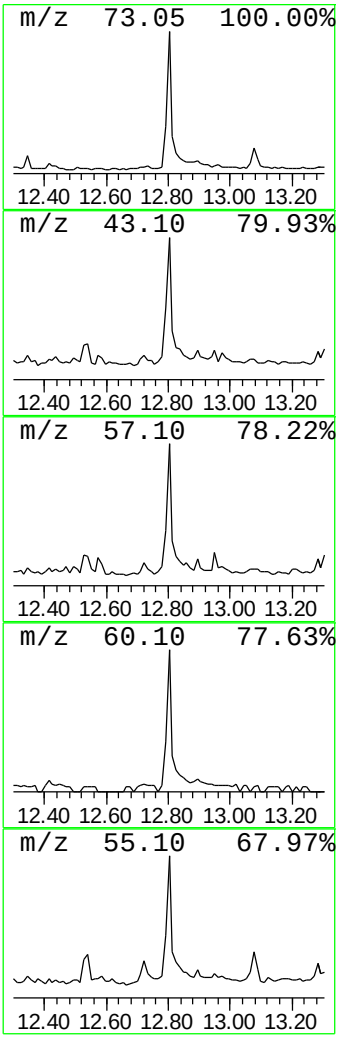
****

Peak Number 6 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.32 ng	179693	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	15
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	11
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

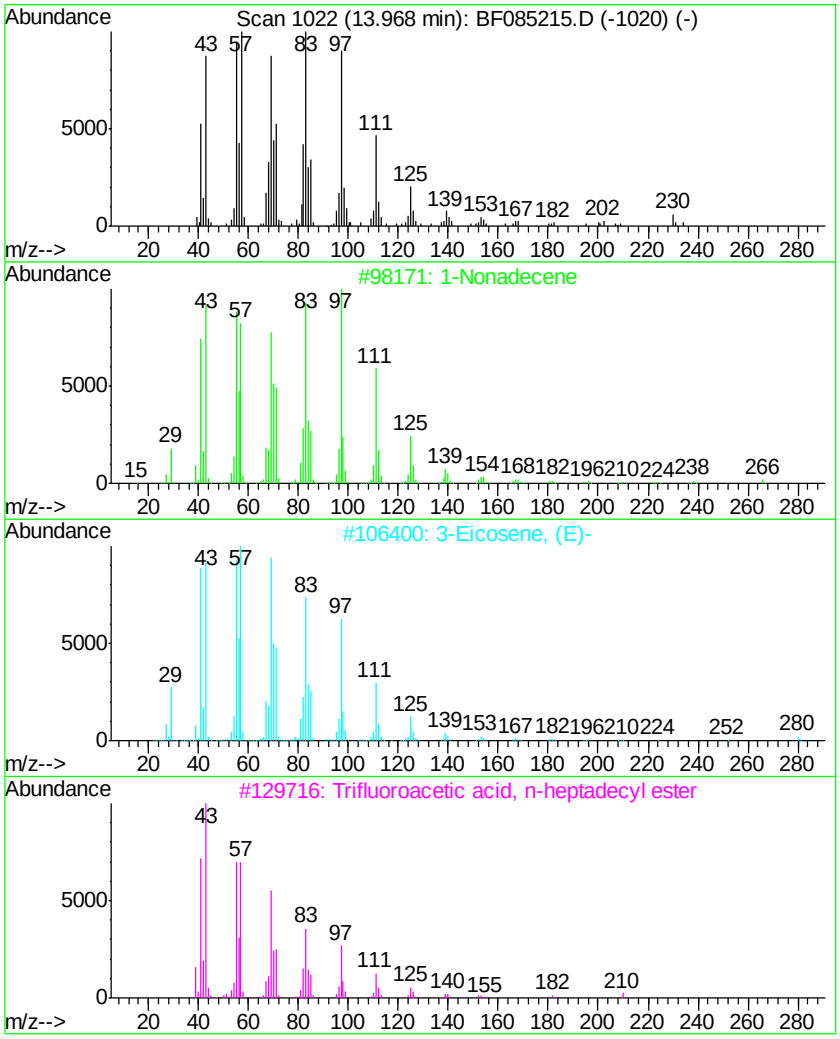
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

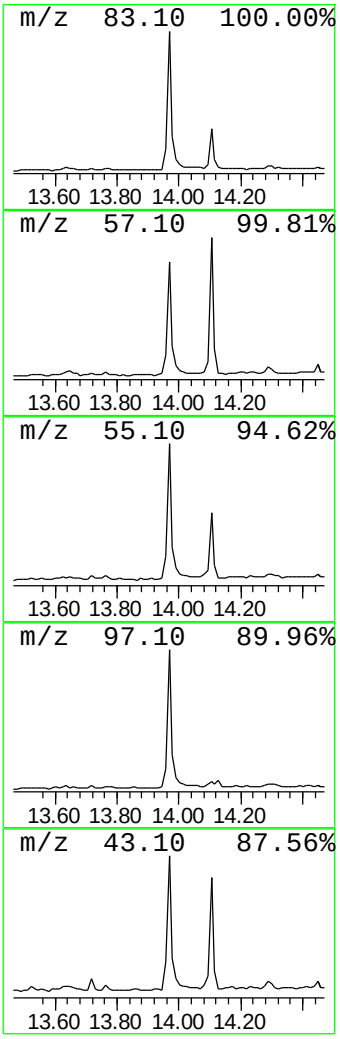
****

Peak Number 7 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.24 ng	338287	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

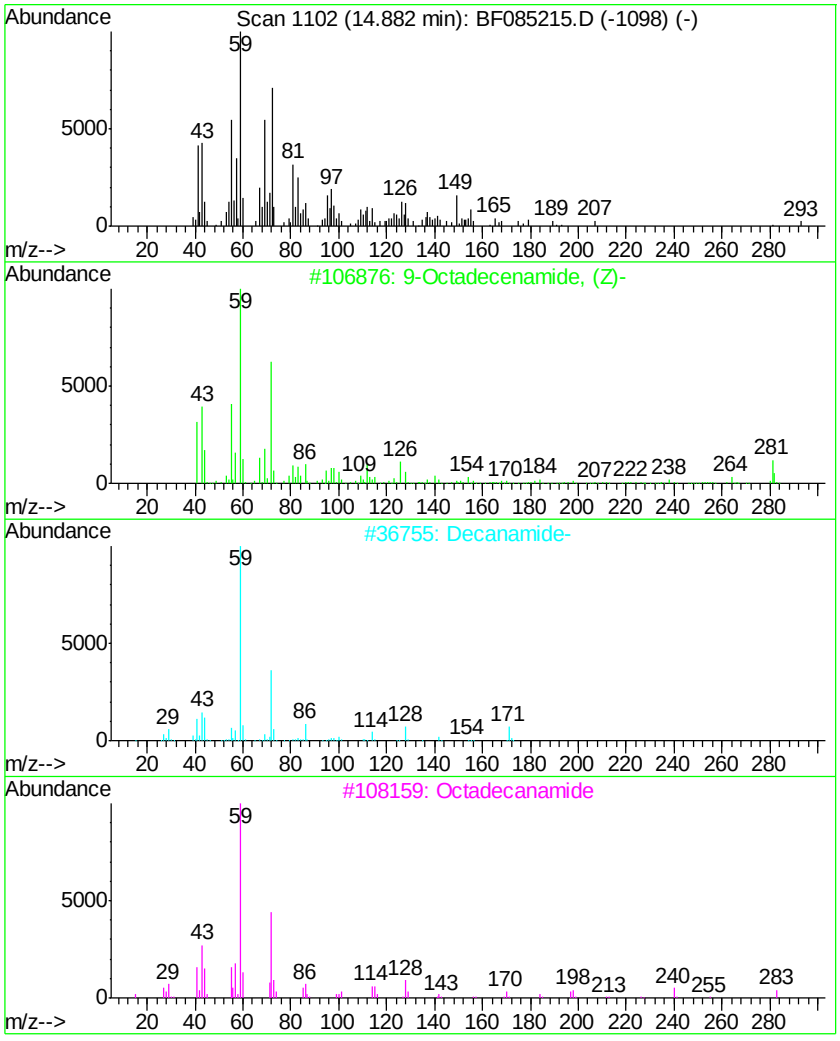
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

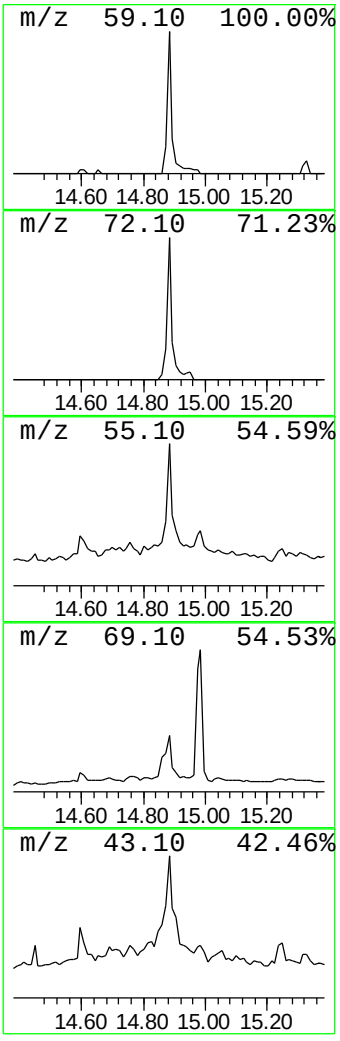
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	5.03 ng	214418	Perylene-d12	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59
2	Decanamide-	171	C10H21NO	002319-29-1	53
3	Octadecanamide	283	C18H37NO	000124-26-5	53
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	47
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

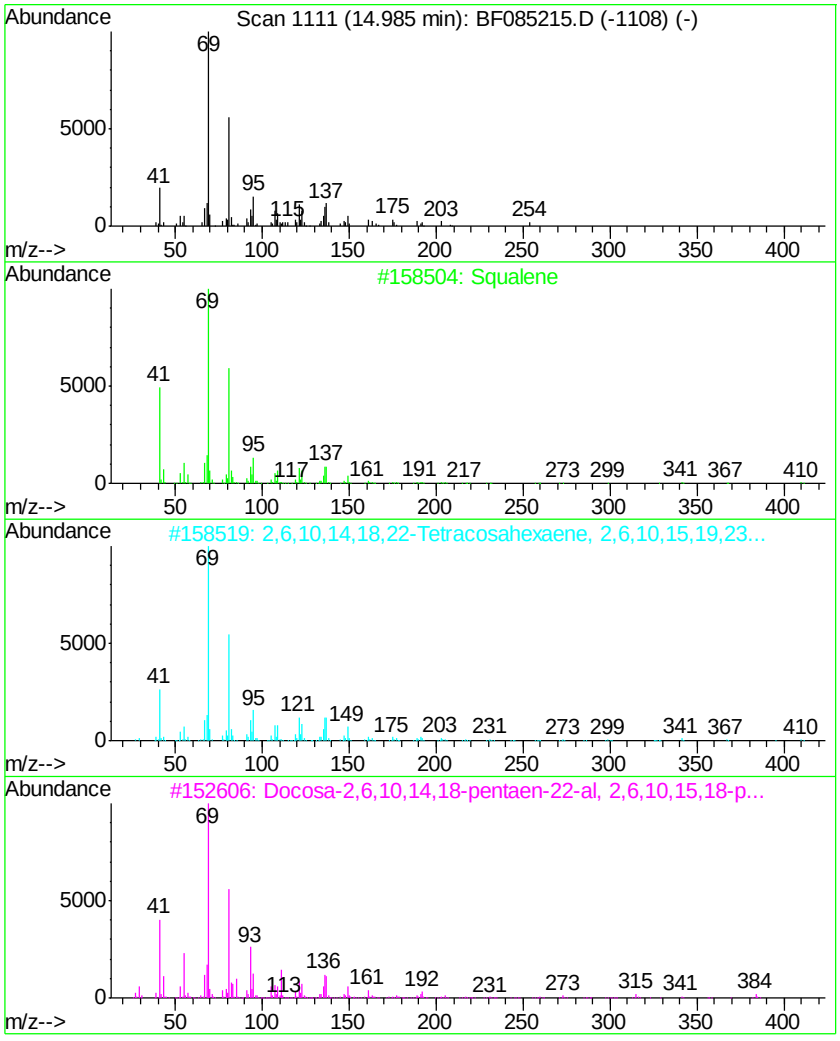
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

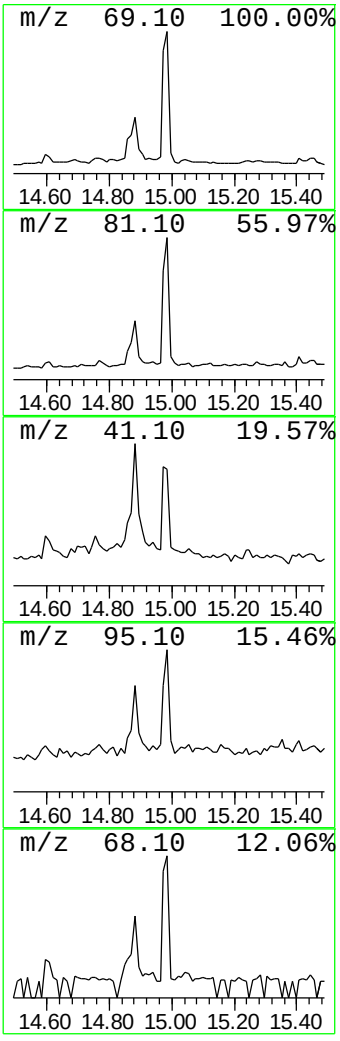
****

Peak Number 9 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.34 ng	99702	Perylene-d12	15.60

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	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	91
4	.beta.-d-Mannofuranoside, O-geranyl	316	C16H28O6	1000154-77-2	78
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085215.D
Acq On : 4 Mar 2016 21:06
Operator : SJ/IZ
Sample : H1684-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 48-BRIDGE-GRID-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.19	24.0	ng	1256000	1	6.97	1046650	20.0
unknown6.74	6.74	100.8	ng	5272760	1	6.97	1046650	20.0
Octadecane	10.92	2.9	ng	223262	4	11.50	1545910	20.0
n-Hexadecanoic acid	12.01	6.3	ng	484150	4	11.50	1545910	20.0
Pentadecanoic acid	12.80	2.3	ng	179693	4	11.50	1545910	20.0
1-Nonadecene	13.97	4.2	ng	338287	5	14.13	1594880	20.0
9-Octadecenamide,...	14.88	5.0	ng	214418	6	15.60	852397	20.0
Squalene	14.99	2.3	ng	99702	6	15.60	852397	20.0