LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088832.D
Acq On : 8 Jul 2016 18:57
Operator : UM/SJ
Sample : H3813-02 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

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-BF063016.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	1.815	18	20	47	rVB	1228917	2241374	100.00%	32.294%
2	6.730	448	450	452	rBV	475174	463071	20.66%	6.672%
3	8.010	560	562	565	rBV	688644	604385	26.96%	8.708%
4	8.148	572	574	576	rVB	34121	32286	1.44%	0.465%
5	8.399	590	596	598	rBV	223442	401266	17.90%	5.781%
6	8.742	624	626	628	rBV	38863	30373	1.36%	0.438%
7	8.948	640	644	647	rBV	170108	278070	12.41%	4.006%
8	9.759	713	715	718	rVB	788738	712198	31.78%	10.261%
9	11.234	842	844	847	rBV	764498	701748	31.31%	10.111%
10	11.599	874	876	879	rBV	23494	35483	1.58%	0.511%
11	12.559	958	960	965	rBV	20576	28063	1.25%	0.404%
12	13.142	1002	1011	1013	rBV4	18081	71779	3.20%	1.034%
13	13.737	1059	1063	1066	rVB	36493	45315	2.02%	0.653%
14	13.862	1071	1074	1076	rBV	473142	520306	23.21%	7.497%
15	14.640	1140	1142	1147	rVB	17714	32078	1.43%	0.462%
16	14.948	1167	1169	1172	rBV	17427	24154	1.08%	0.348%
17	15.108	1178	1183	1191	rVB	40009	154151	6.88%	2.221%
18	15.234	1191	1194	1197	rVV	378986	438497	19.56%	6.318%
19	15.291	1197	1199	1208	rVB3	13145	27004	1.20%	0.389%
20	16.651	1313	1318	1326	rVB2	26349	98983	4.42%	1.426%

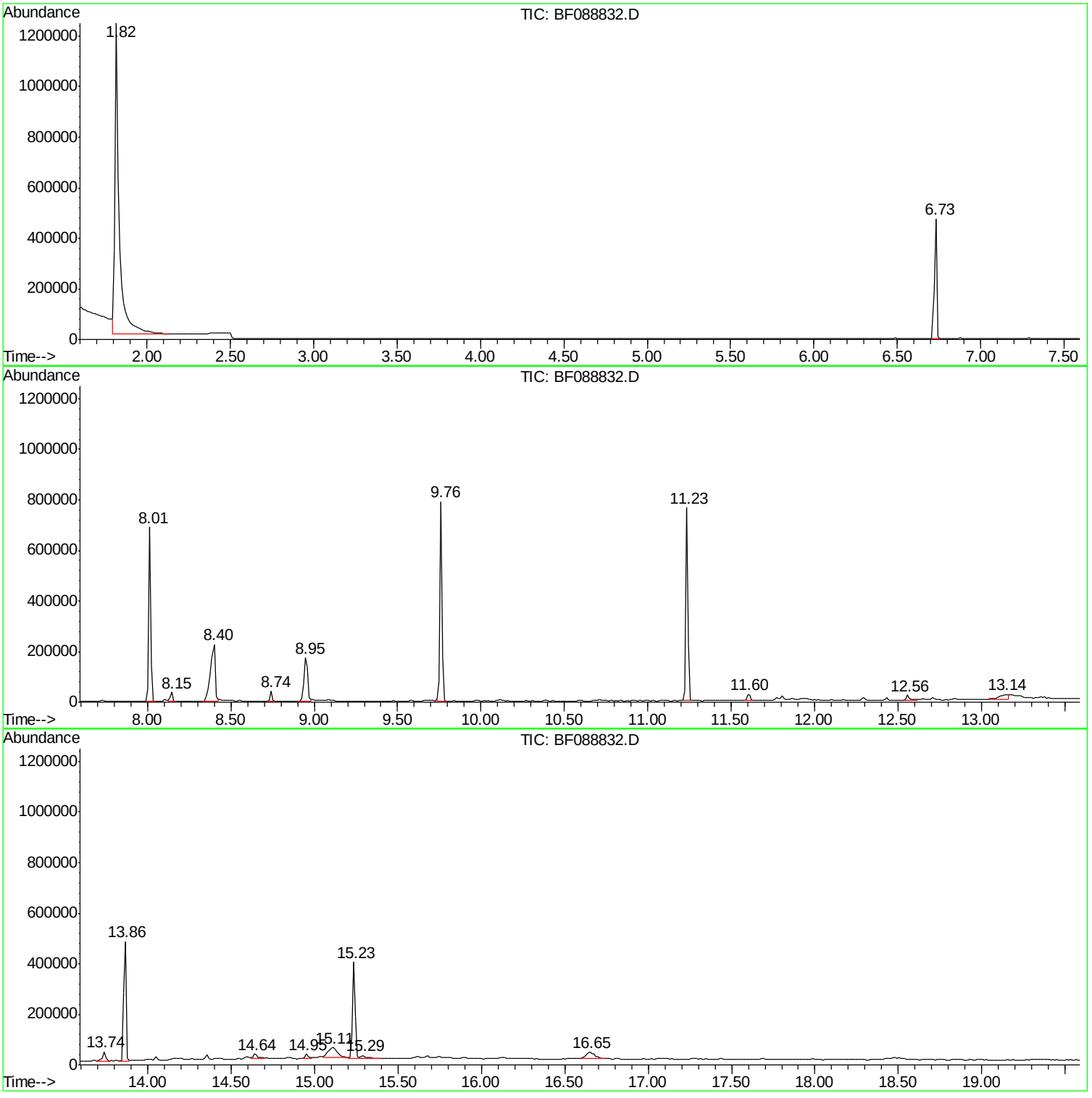
Sum of corrected areas: 6940584

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088832.D
Acq On : 8 Jul 2016 18:57
Operator : UM/SJ
Sample : H3813-02 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088832.D
Acq On : 8 Jul 2016 18:57
Operator : UM/SJ
Sample : H3813-02 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

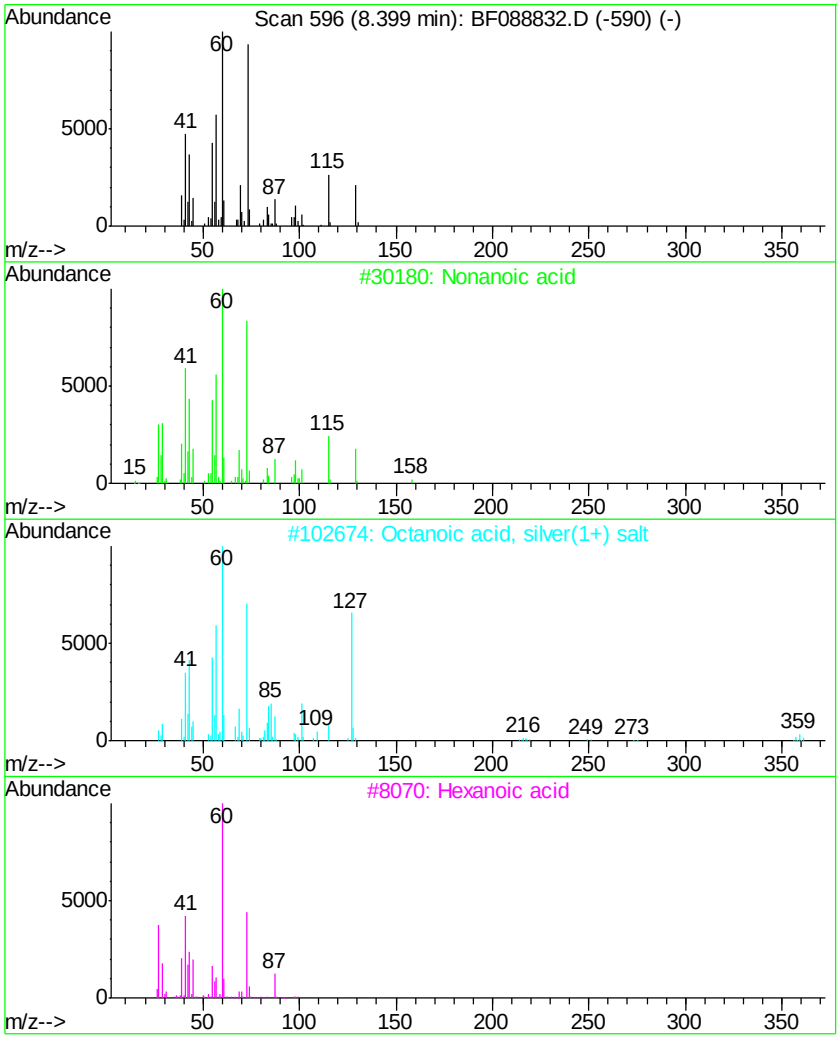
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

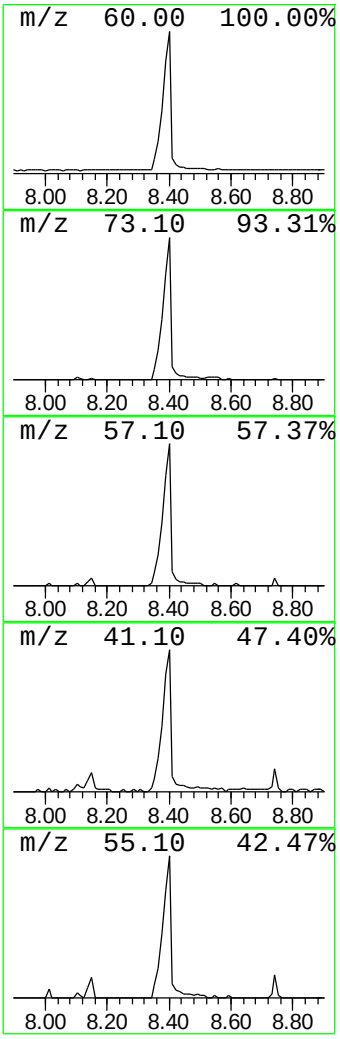
****

Peak Number 2 Nonanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	13.28 ng	401266	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	91
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Octanoic acid	144	C8H16O2	000124-07-2	50
5	Heptanoic acid	130	C7H14O2	000111-14-8	47





Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088832.D
Acq On : 8 Jul 2016 18:57
Operator : UM/SJ
Sample : H3813-02 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

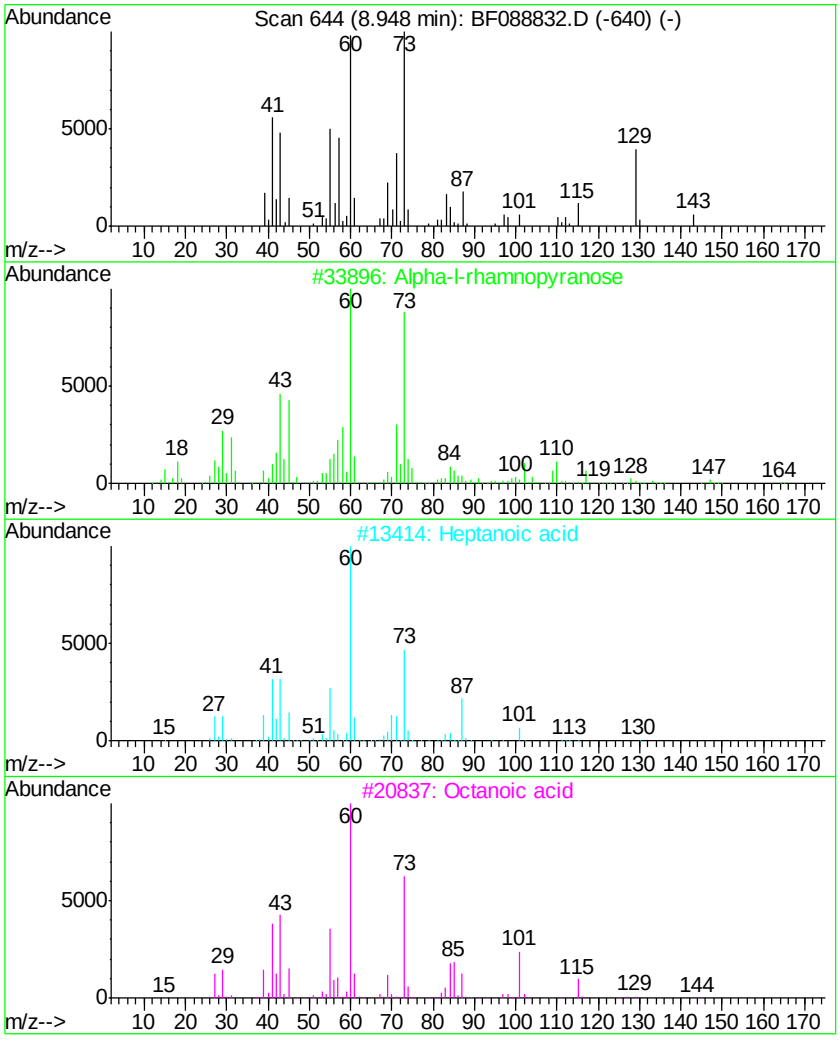
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

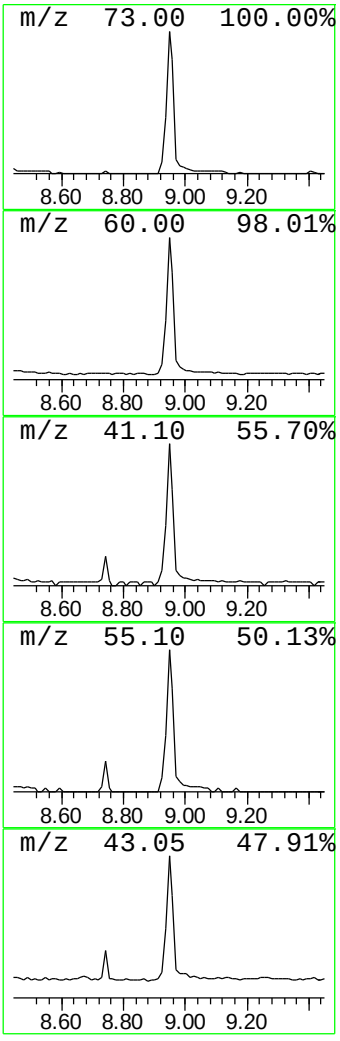
****

Peak Number 3 unknown8.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	7.81 ng	278070	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	47
2	Heptanoic acid	130	C7H14O2	000111-14-8	47
3	Octanoic acid	144	C8H16O2	000124-07-2	43
4	Nonanoic acid	158	C9H18O2	000112-05-0	40
5	Xylose	150	C5H10O5	000058-86-6	38





Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088832.D
Acq On : 8 Jul 2016 18:57
Operator : UM/SJ
Sample : H3813-02 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

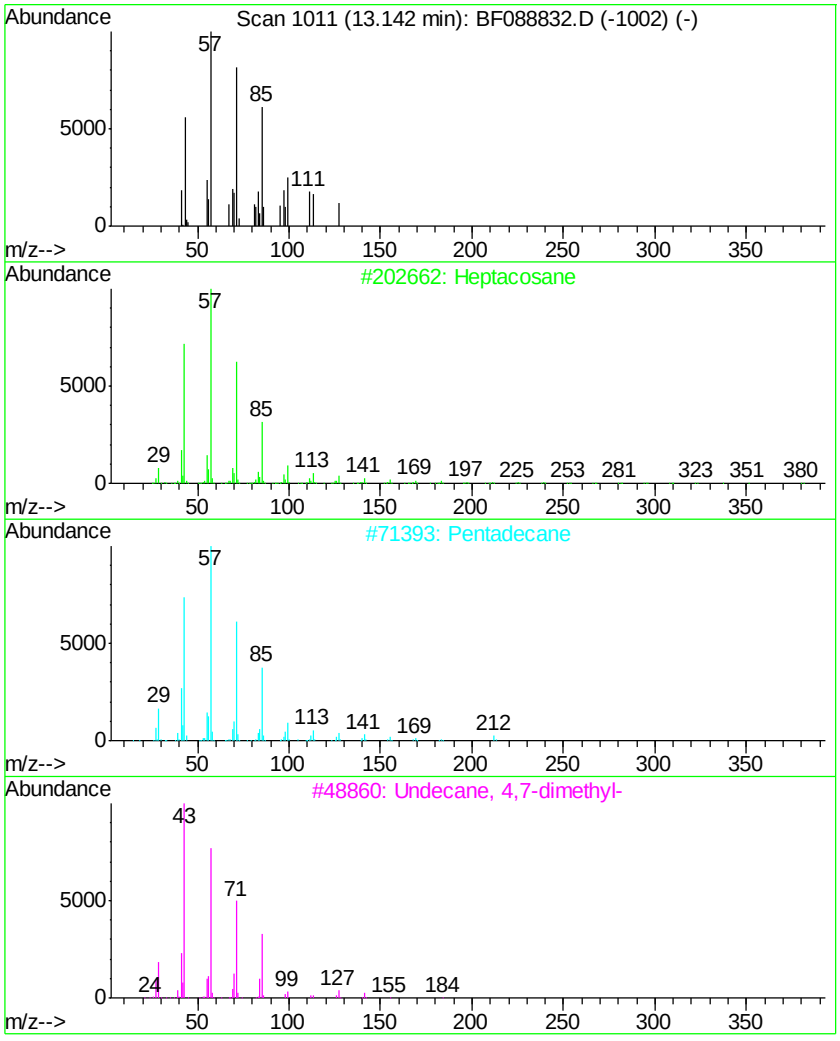
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

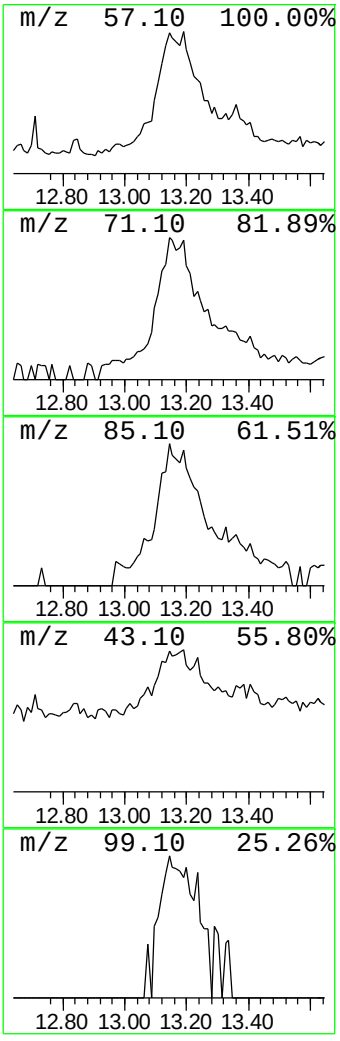
****

Peak Number 4 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	2.76 ng	71779	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	78
2	Pentadecane	212	C15H32	000629-62-9	53
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50





Library Search Compound Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088832.D
Acq On : 8 Jul 2016 18:57
Operator : UM/SJ
Sample : H3813-02 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

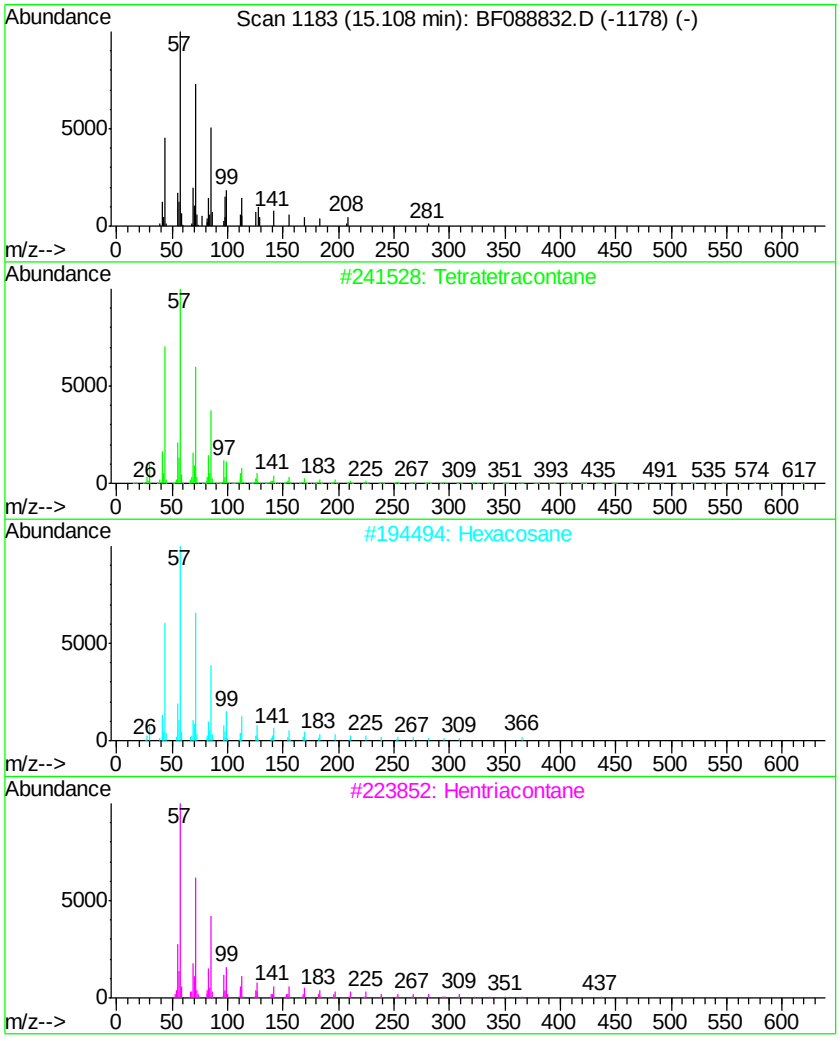
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

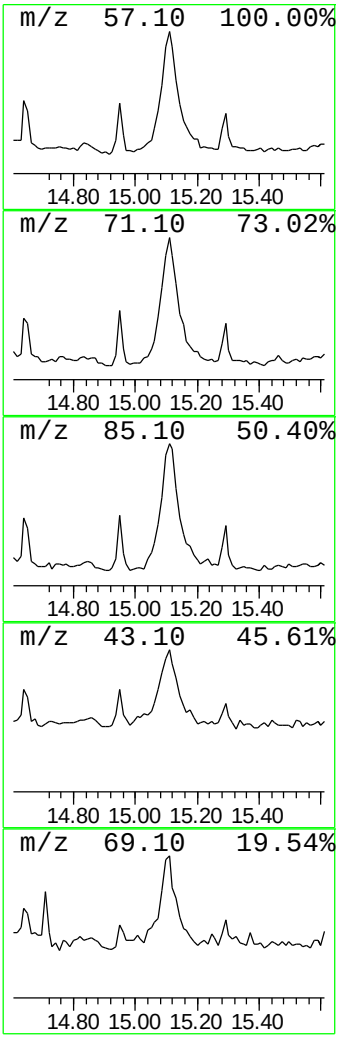
****

Peak Number 5 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	7.03 ng	154151	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088832.D
Acq On : 8 Jul 2016 18:57
Operator : UM/SJ
Sample : H3813-02 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

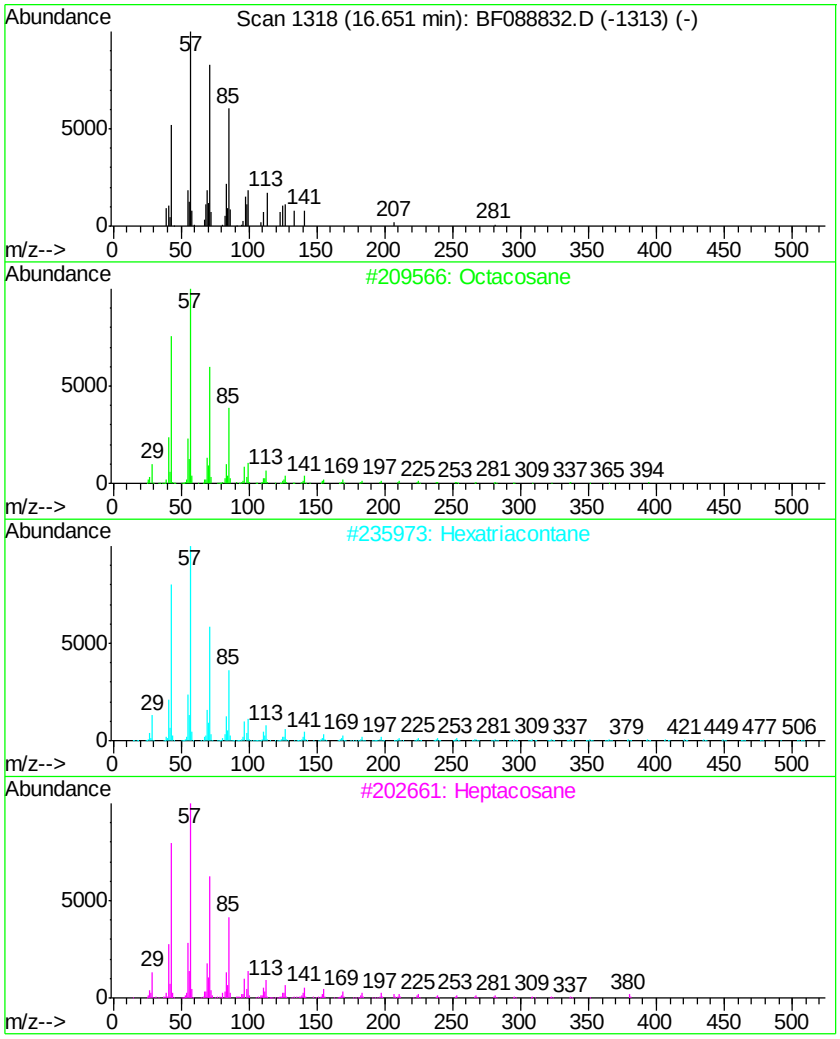
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

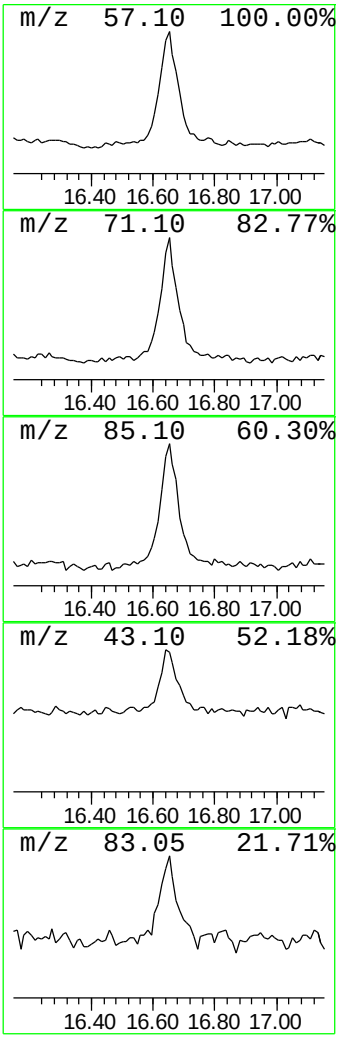
****

Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.51 ng	98983	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
5	Hexacosane	366	C26H54	000630-01-3	86





Tentatively Identified Compound (LSC) summary

Data Path : V:\HPCHEM1\BNA_F\DATA\BF070816\
Data File : BF088832.D
Acq On : 8 Jul 2016 18:57
Operator : UM/SJ
Sample : H3813-02 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
Nonanoic acid	8.40	13.3	ng	401266	2	8.01	604385	20.0
unknown8.95	8.95	7.8	ng	278070	3	9.76	712198	20.0
Heptacosane	13.14	2.8	ng	71779	5	13.86	520306	20.0
Tetratetracontane	15.11	7.0	ng	154151	6	15.23	438497	20.0
Octacosane	16.65	4.5	ng	98983	6	15.23	438497	20.0