LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083488.D
Acq On : 4 Dec 2015 5:29
Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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-BF113015.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	4.624	255	257	271	rVB	320178	524670	10.04%	1.490%
2	5.116	298	300	319	rBV	2033784	2532160	48.43%	7.192%
3	6.202	392	395	401	rBV	1466894	1649446	31.55%	4.685%
4	6.304	401	404	406	rBV	4223849	4352555	83.25%	12.363%
5	6.522	421	423	426	rBV	840213	1006743	19.26%	2.860%
6	6.682	435	437	440	rBV	3388464	3633100	69.49%	10.319%
7	7.070	469	471	472	rBV	58178	63365	1.21%	0.180%
8	7.104	472	474	476	rBV	3194415	3174445	60.72%	9.017%
9	7.619	516	519	528	rVB4	23973	58985	1.13%	0.168%
10	7.813	534	536	539	rBV	1228609	1242441	23.76%	3.529%
11	8.270	575	576	582	rVB5	23378	55475	1.06%	0.158%
12	8.899	628	631	633	rBV	5575379	5228253	100.00%	14.850%
13	9.299	664	666	668	rVB	119385	112782	2.16%	0.320%
14	9.562	686	689	691	rBV	1384185	1327992	25.40%	3.772%
15	10.019	722	729	730	rBV4	25954	81958	1.57%	0.233%
16	10.351	755	758	760	rBV	2755368	2799842	53.55%	7.953%
17	10.979	811	813	820	rVB2	39315	71079	1.36%	0.202%
18	11.093	820	823	826	rBV	1087070	1101410	21.07%	3.128%
19	11.791	882	884	889	rBV2	206794	308712	5.90%	0.877%
20	12.865	975	978	987	rVB	224800	360837	6.90%	1.025%
21	13.185	1002	1006	1009	rBV	2865107	3762235	71.96%	10.686%
22	14.625	1128	1132	1136	rBV	53183	108632	2.08%	0.309%
23	14.705	1136	1139	1142	rBV	696885	922287	17.64%	2.620%
24	16.774	1317	1320	1325	rBV	511406	726761	13.90%	2.064%

Sum of corrected areas: 35206165

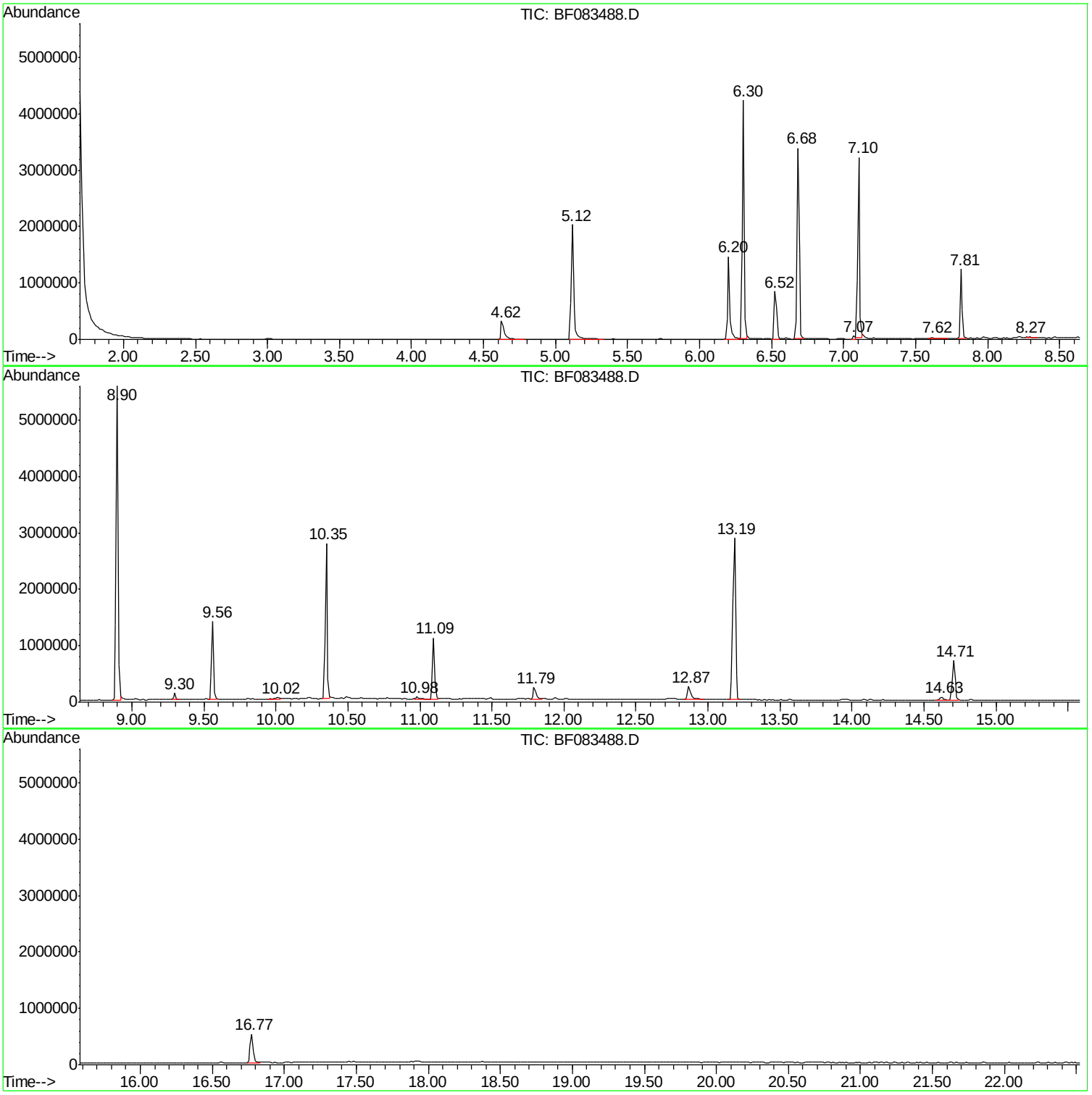
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083488.D
Acq On : 4 Dec 2015 5:29
Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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\BF120315\
Data File : BF083488.D
Acq On : 4 Dec 2015 5:29
Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

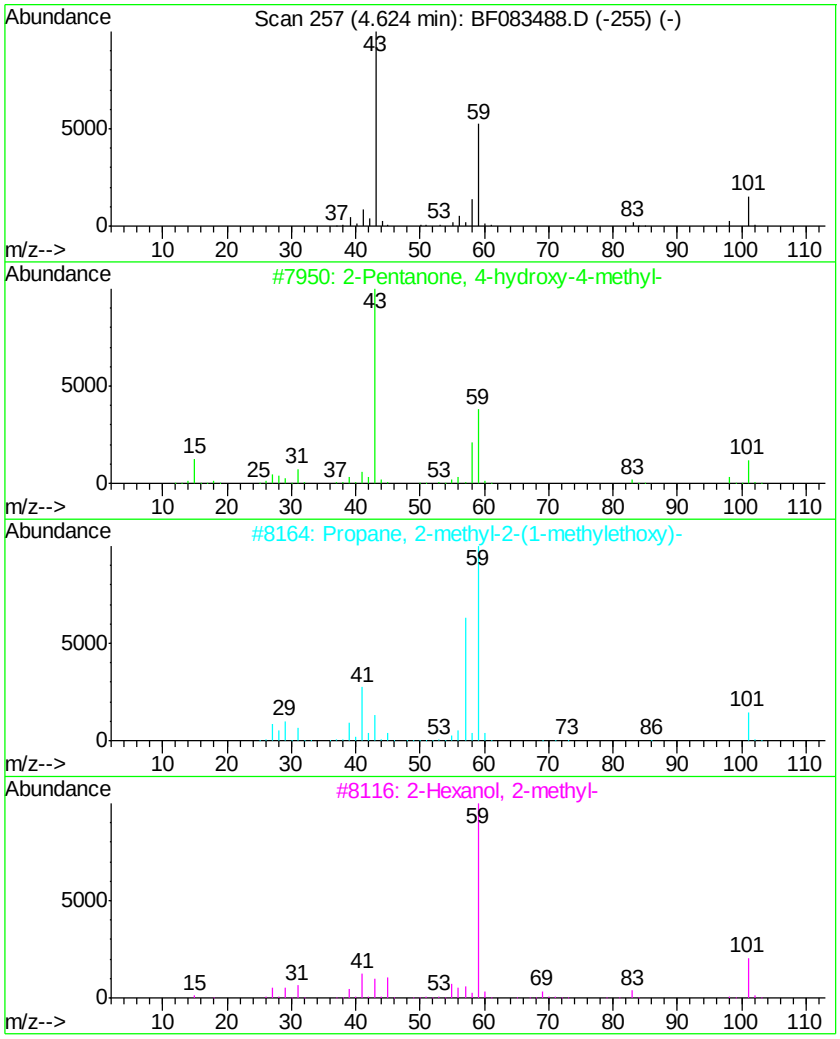
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

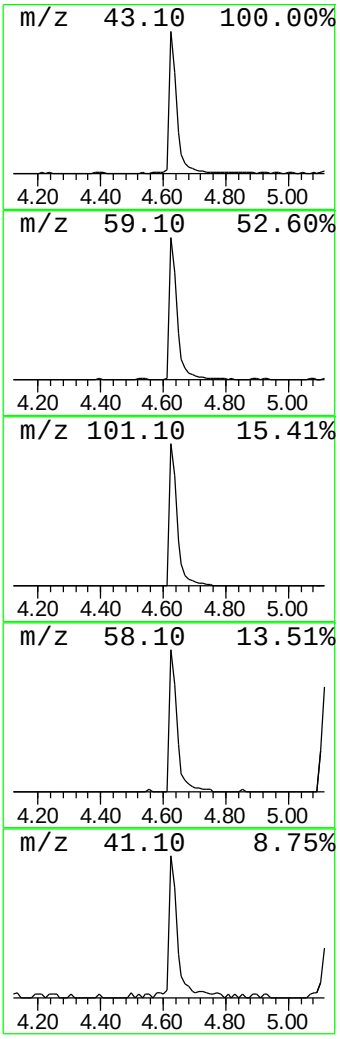
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	10.42 ng	524670	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083488.D
Acq On : 4 Dec 2015 5:29
Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

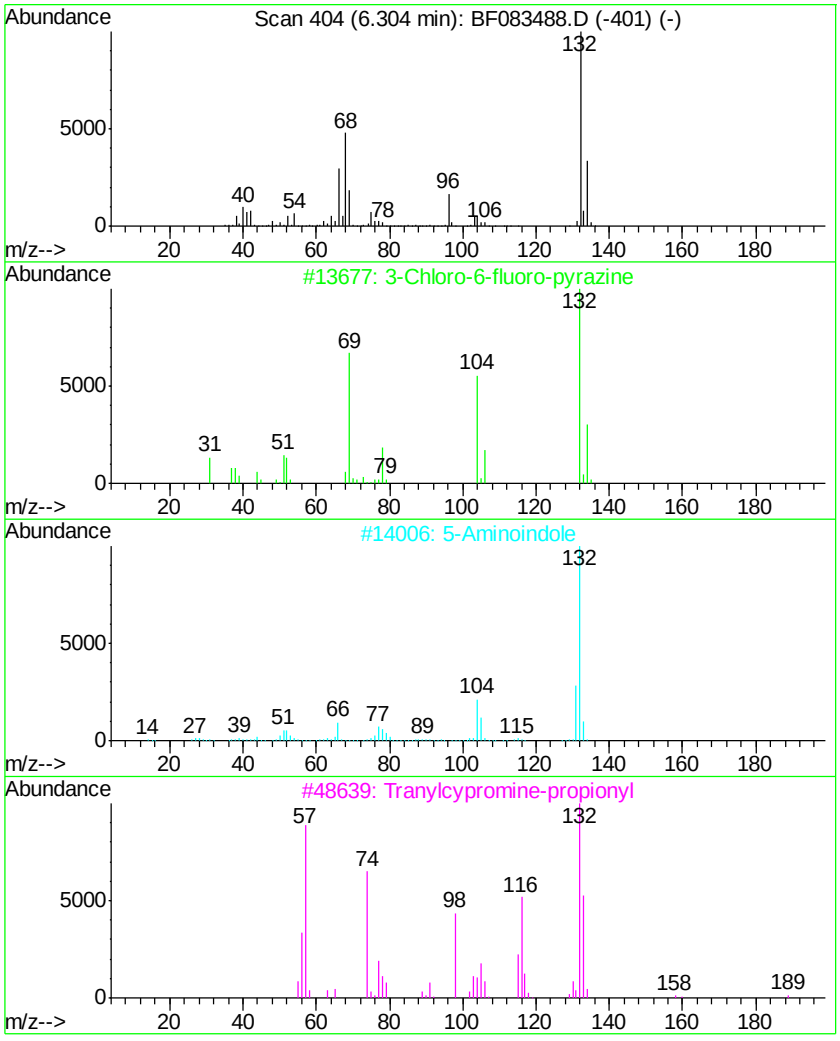
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

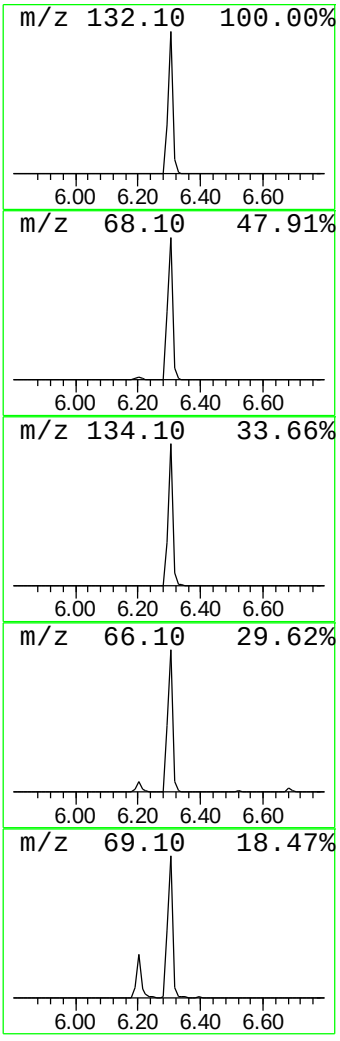
****

Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	86.47 ng	4352560	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083488.D
Acq On : 4 Dec 2015 5:29
Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

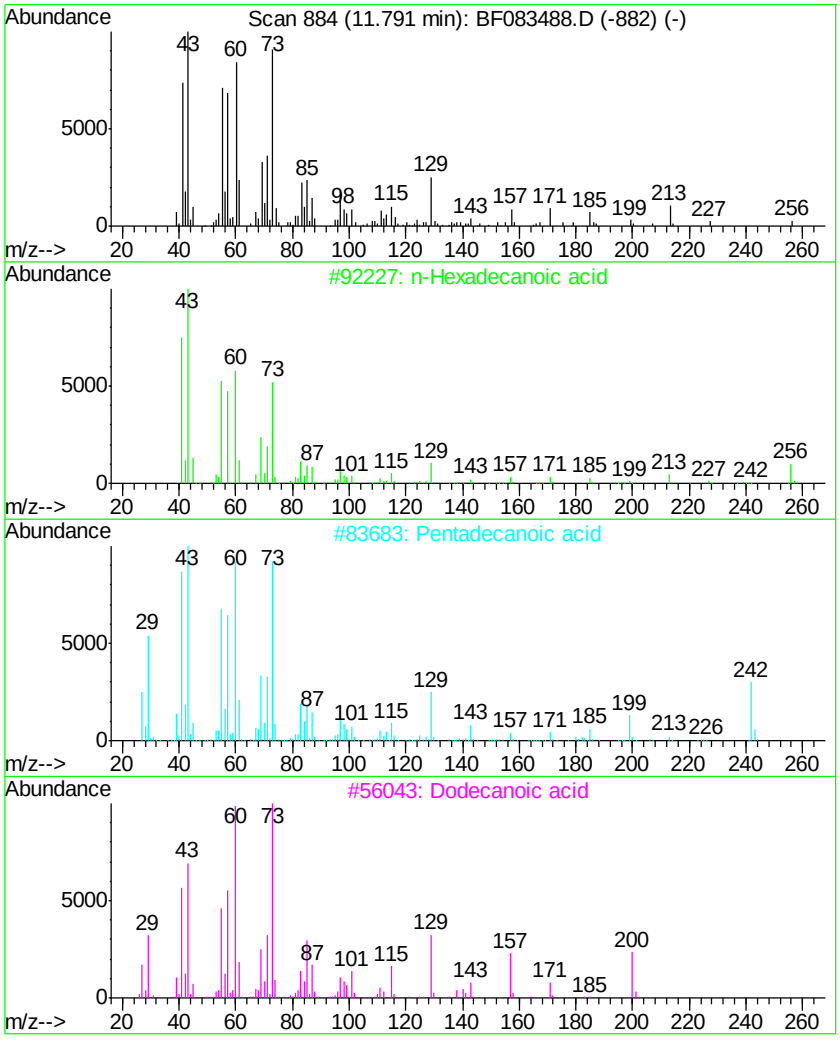
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

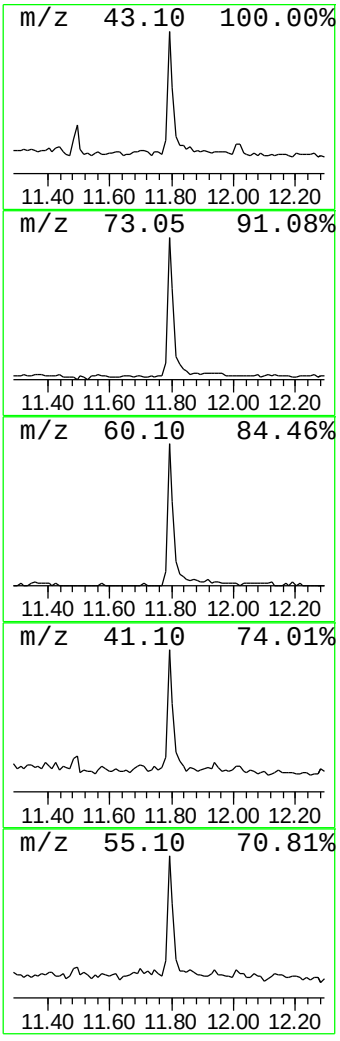
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.61 ng	308712	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083488.D
Acq On : 4 Dec 2015 5:29
Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

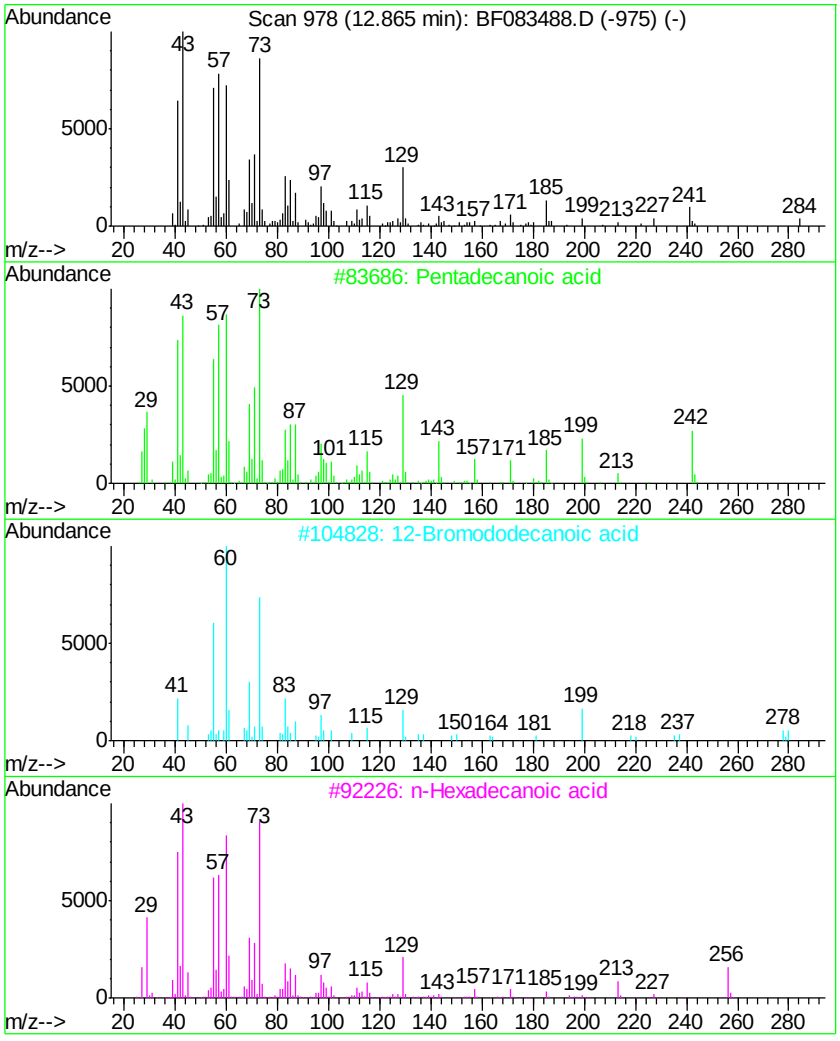
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

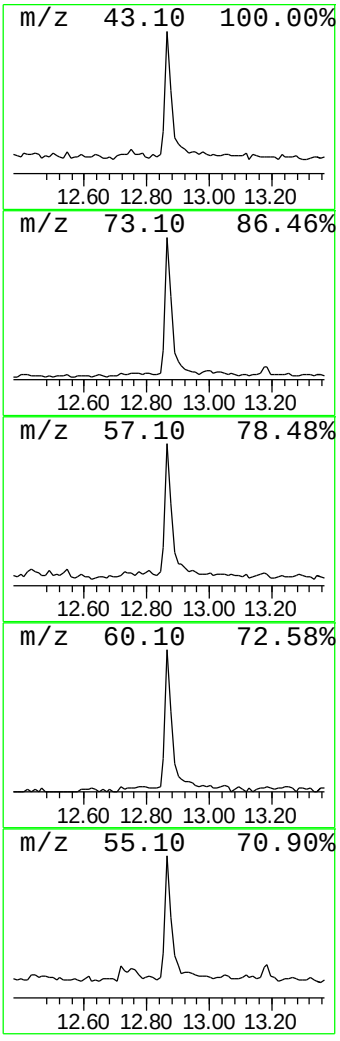
****

Peak Number 5 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	6.55 ng	360837	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083488.D
Acq On : 4 Dec 2015 5:29
Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

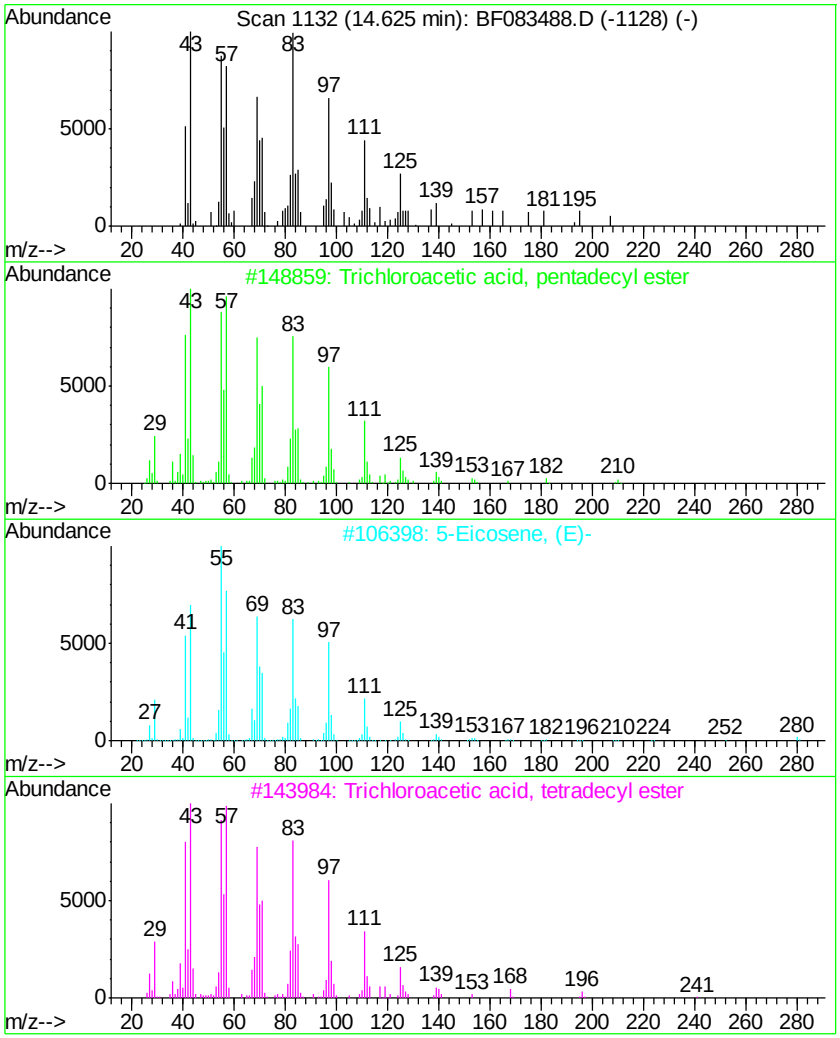
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

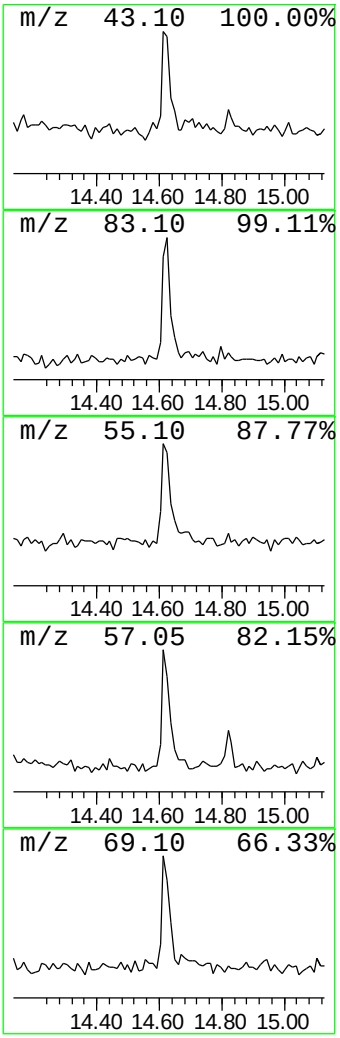
****

Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.36 ng	108632	Chrysene-d12	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	81
5	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083488.D
Acq On : 4 Dec 2015 5:29
Operator : UM/IZ
Sample : G4588-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.62	10.4	ng	524670	1	6.52	1006740	20.0
unknown6.30	6.30	86.5	ng	4352560	1	6.52	1006740	20.0
n-Hexadecanoic acid	11.79	5.6	ng	308712	4	11.09	1101410	20.0
Pentadecanoic acid	12.87	6.5	ng	360837	4	11.09	1101410	20.0
Trichloroacetic a...	14.63	2.4	ng	108632	5	14.71	922287	20.0