LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081045.D
Acq On : 18 Aug 2015 16:30
Operator : UM/IZ
Sample : PB85041BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85041BL

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-BF081715.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	4.730	237	240	242	rBV	636915	902264	45.02%	6.348%
2	5.176	277	279	282	rBV	1022380	977073	48.76%	6.874%
3	6.250	370	373	375	rBV	1194659	1140563	56.91%	8.024%
4	6.364	381	383	386	rBV	905691	938231	46.82%	6.601%
5	6.604	402	404	406	rBV	401335	322156	16.08%	2.266%
6	6.765	415	418	420	rBV	1073525	1116052	55.69%	7.852%
7	7.176	451	454	456	rBV	1096643	1065686	53.18%	7.497%
8	7.896	514	517	519	rBV	320259	409824	20.45%	2.883%
9	8.970	608	611	613	rBV	1924994	1668189	83.24%	11.736%
10	9.633	667	669	672	rBB	530945	463143	23.11%	3.258%
11	10.422	735	738	740	rBV2	518341	696235	34.74%	4.898%
12	11.108	796	798	800	rBV	652228	558292	27.86%	3.928%
13	12.537	921	923	925	rBV	241902	201232	10.04%	1.416%
14	12.605	925	929	931	rVB2	27156	50410	2.52%	0.355%
15	12.697	934	937	939	rBV	2015531	2003989	100.00%	14.098%
16	12.937	956	958	960	rBV	21685	24861	1.24%	0.175%
17	13.234	982	984	986	rBV	183570	156349	7.80%	1.100%
18	13.279	986	988	993	rVB	73908	83809	4.18%	0.590%
19	13.611	1014	1017	1019	rBV	71560	63048	3.15%	0.444%
20	13.725	1024	1027	1029	rBV	645763	593991	29.64%	4.179%
21	13.920	1042	1044	1046	rBV	73620	73532	3.67%	0.517%
22	14.228	1069	1071	1073	rBV	63305	54960	2.74%	0.387%
23	14.514	1094	1096	1098	rBV	43623	52430	2.62%	0.369%
24	14.811	1119	1122	1125	rBV	32803	35841	1.79%	0.252%
25	15.074	1142	1145	1147	rBV	396201	503892	25.14%	3.545%
26	15.131	1147	1150	1153	rVB	26614	34178	1.71%	0.240%
27	15.908	1214	1218	1222	rVB4	10892	24020	1.20%	0.169%

Sum of corrected areas: 14214250

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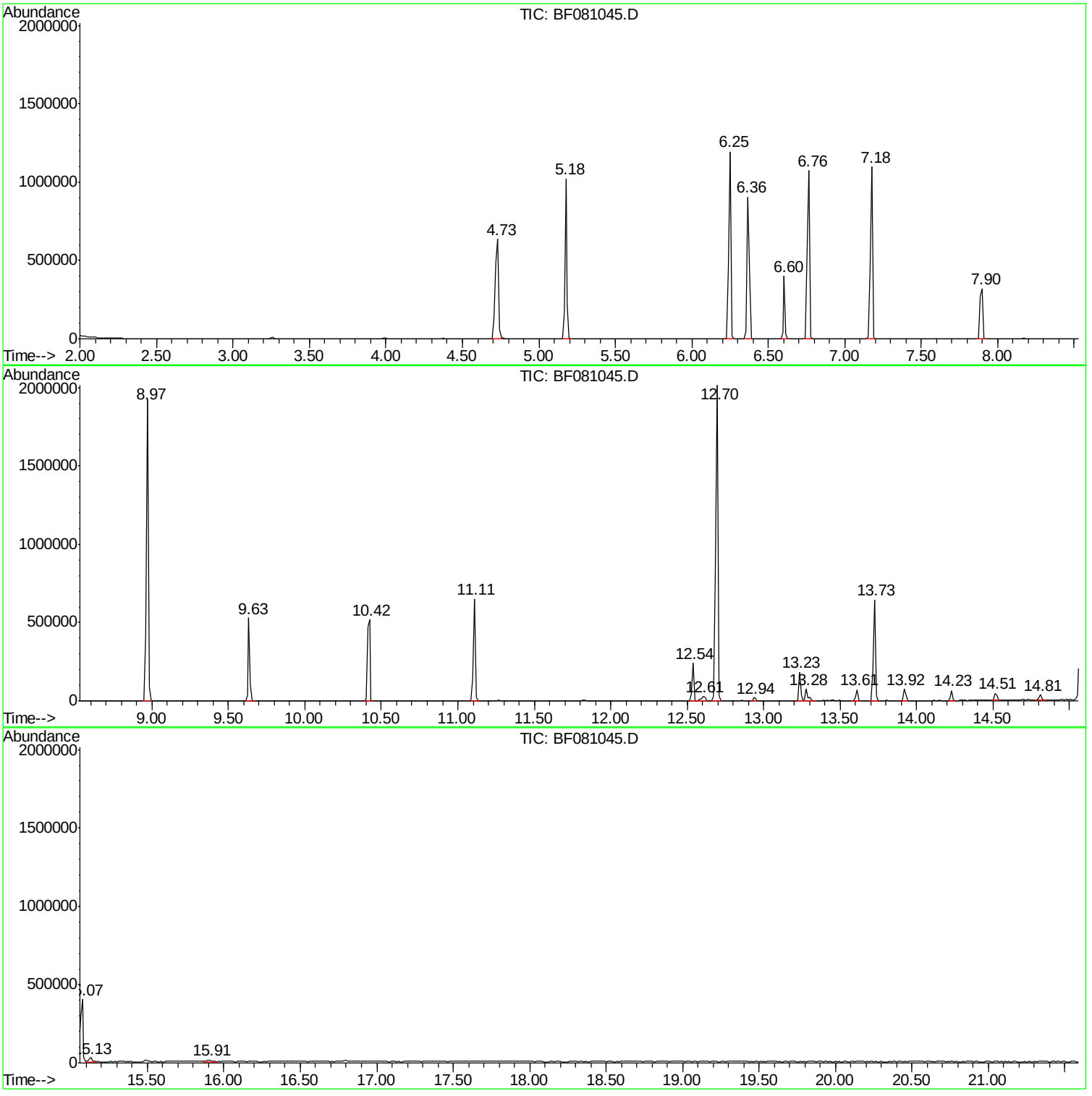
Instrument :
BNA_F
ClientSampleId :
PB85041BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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

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TIC Integration Parameters: LSCINT.P

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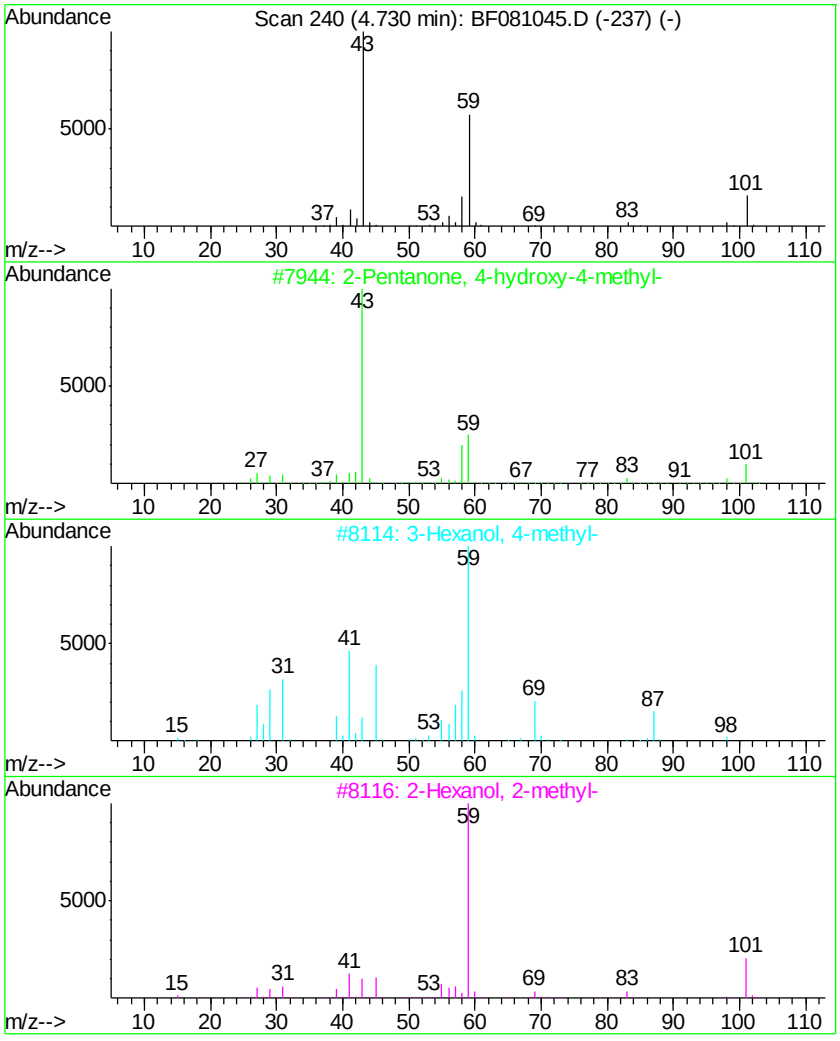
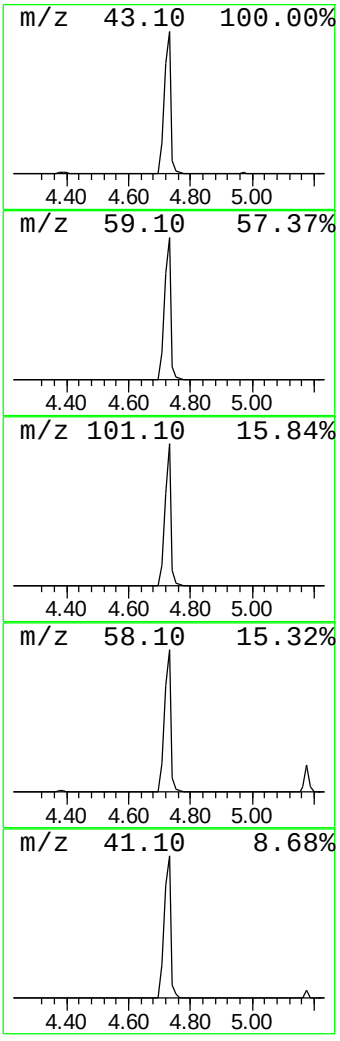
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	56.01 ng	902264	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : UM/IZ
Sample : PB85041BL
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85041BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

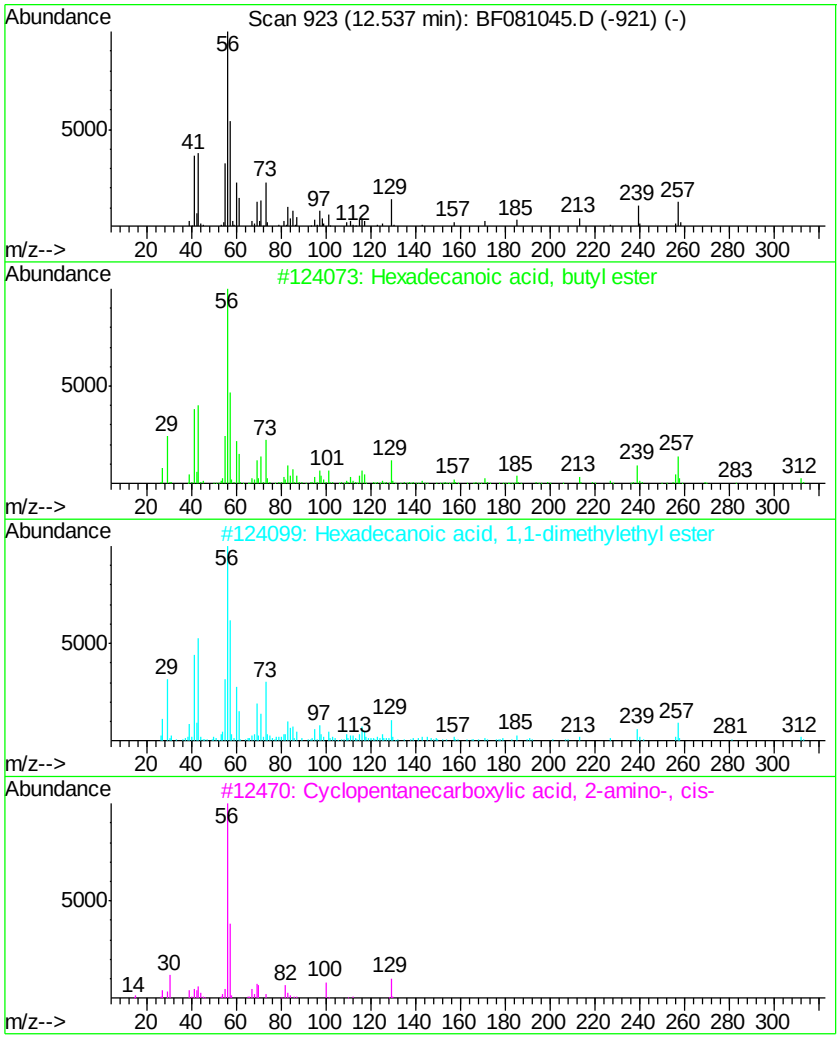
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

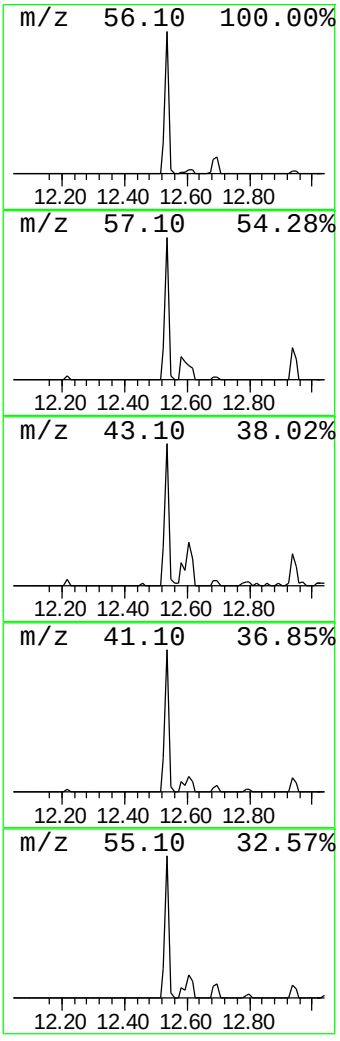
****

Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	6.78 ng	201232	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38





Library Search Compound Report

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Acq On : 18 Aug 2015 16:30
Operator : UM/IZ
Sample : PB85041BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85041BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
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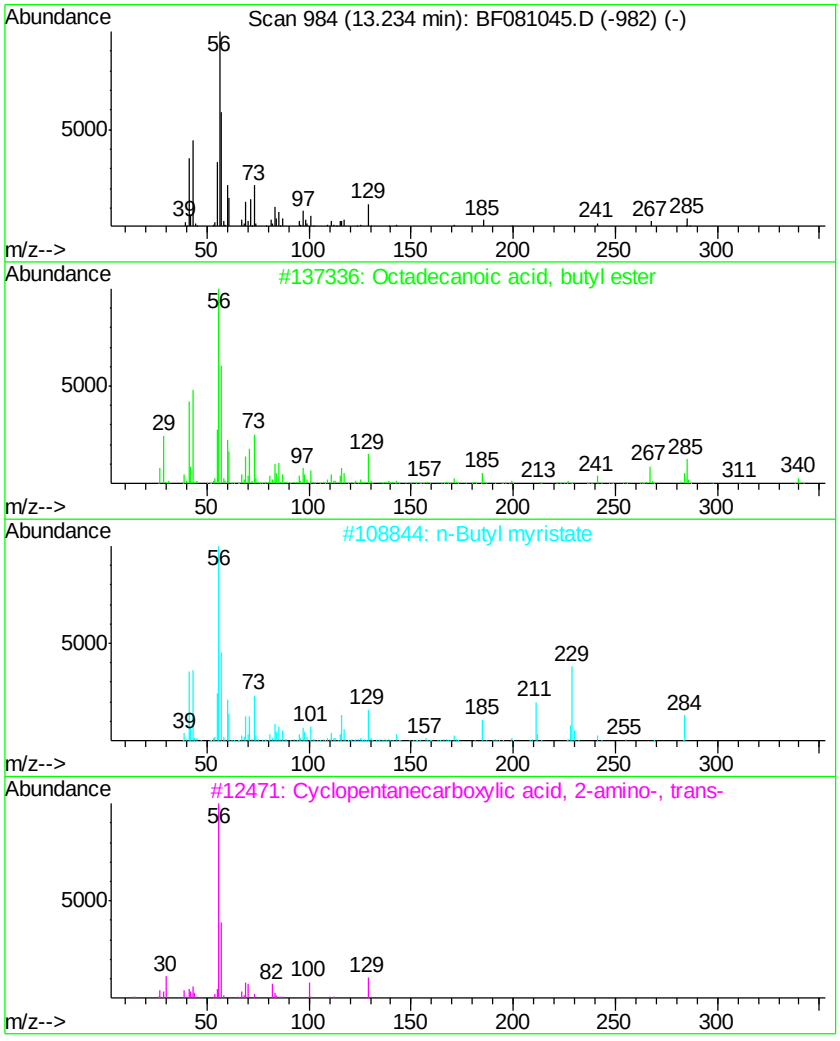
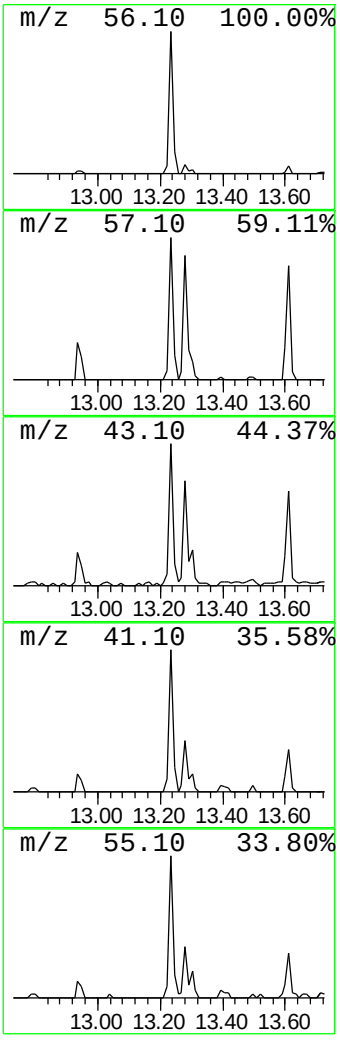
Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	5.26 ng	156349	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	78
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	46
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35





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Data File : BF081045.D
Acq On : 18 Aug 2015 16:30
Operator : UM/IZ
Sample : PB85041BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85041BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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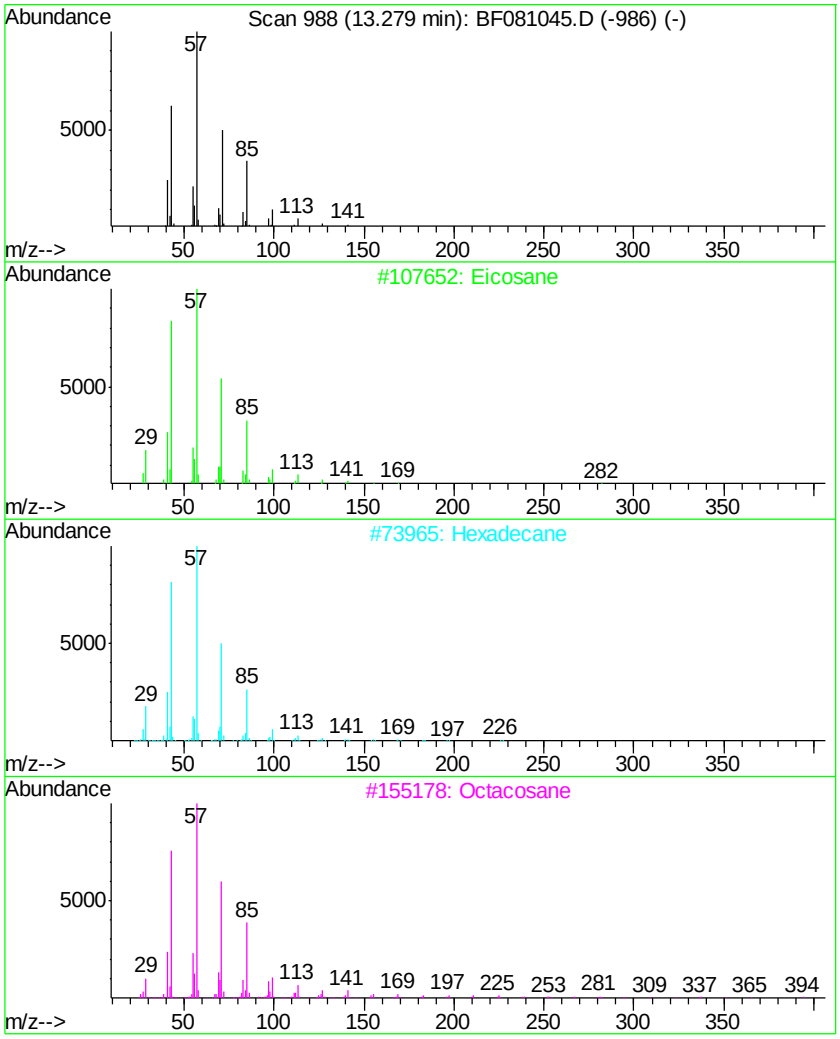
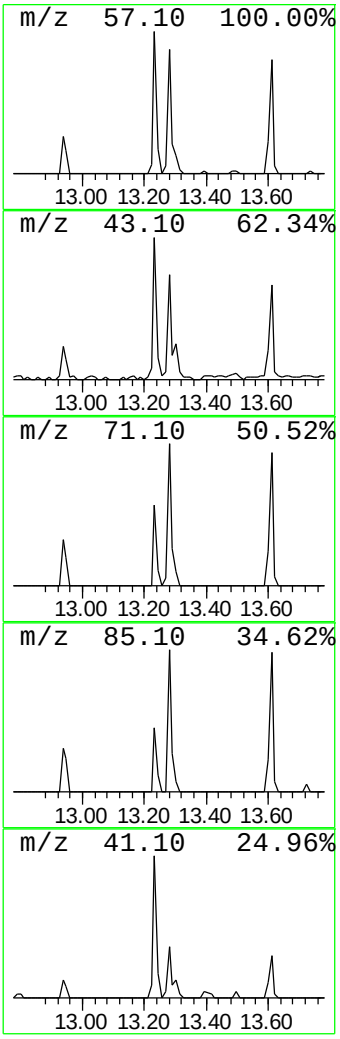
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.82 ng	83809	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081045.D
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Operator : UM/IZ
Sample : PB85041BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85041BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
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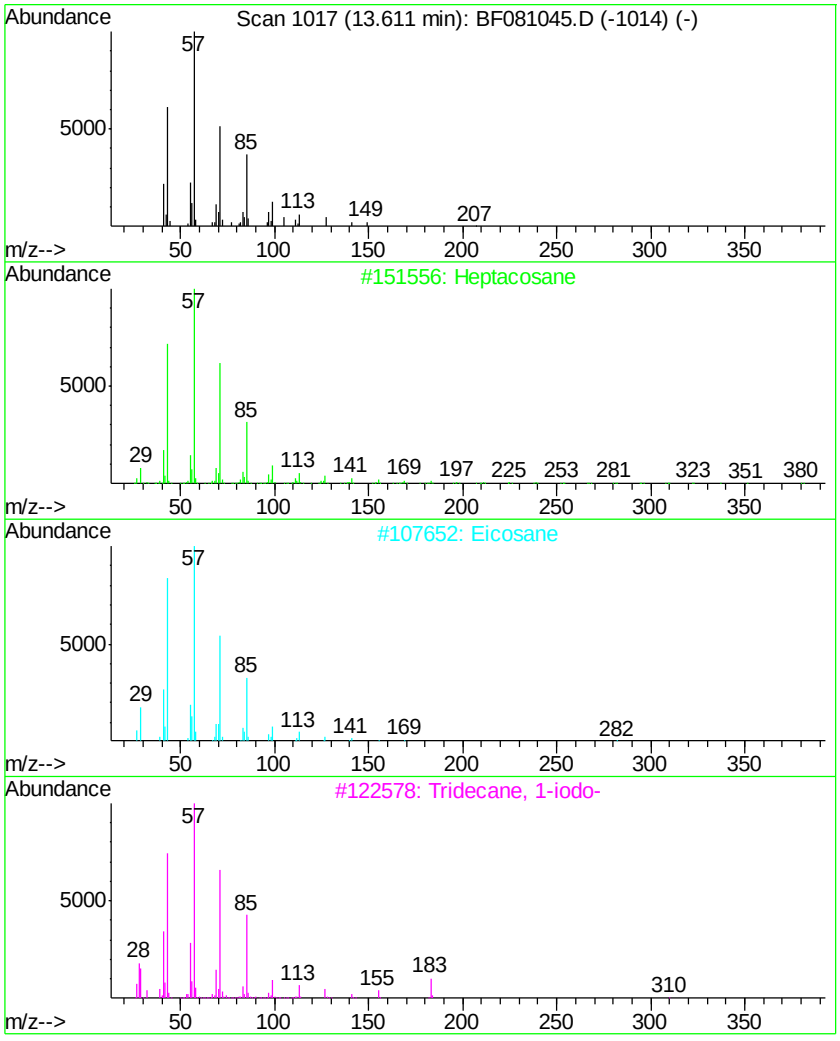
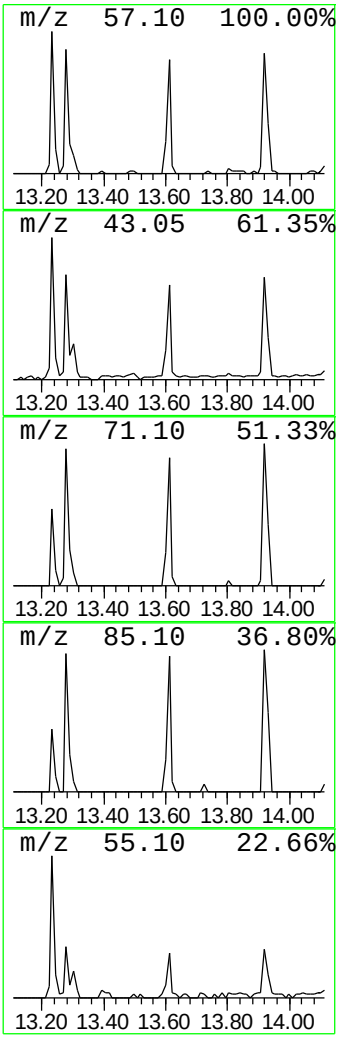
Peak Number 7 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	2.12 ng	63048	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Nonacosane	408	C29H60	000630-03-5	83
5	Pentadecane	212	C15H32	000629-62-9	80





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Sample : PB85041BL
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85041BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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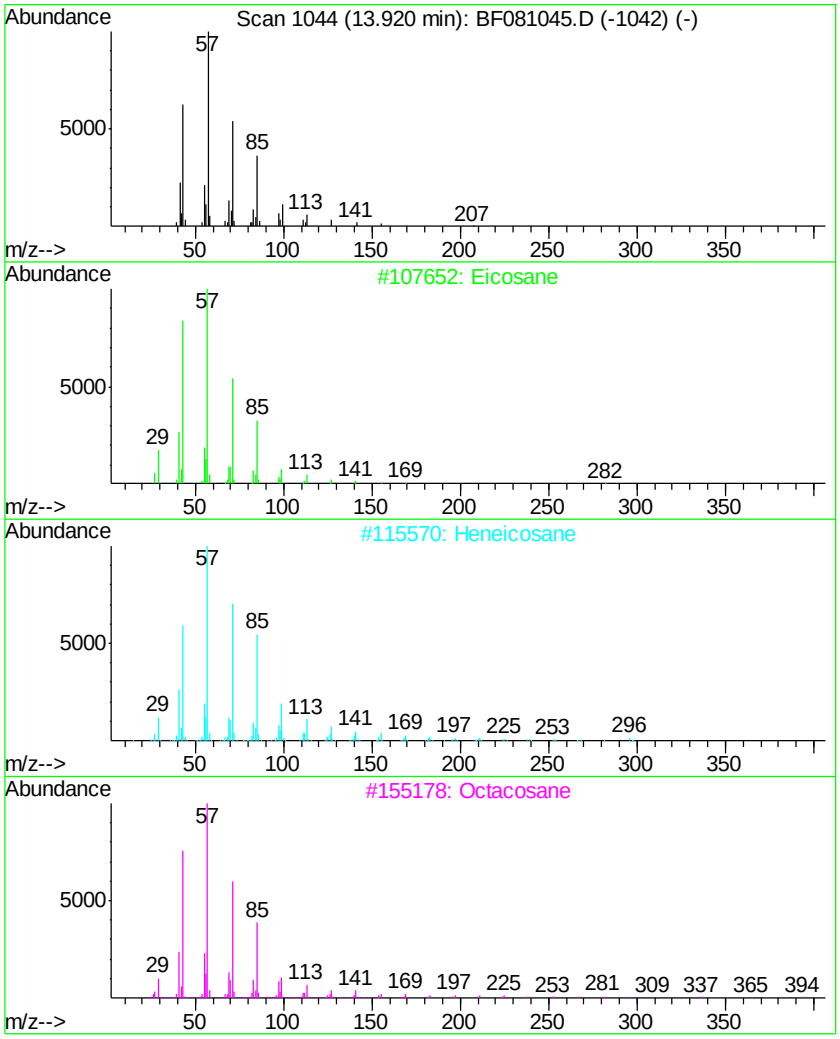
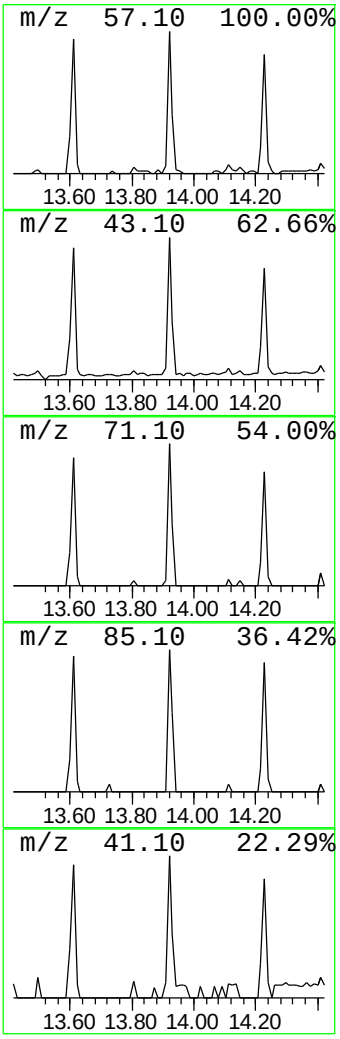
Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.48 ng	73532	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Sample : PB85041BL
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ClientSampleId : PB85041BL

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

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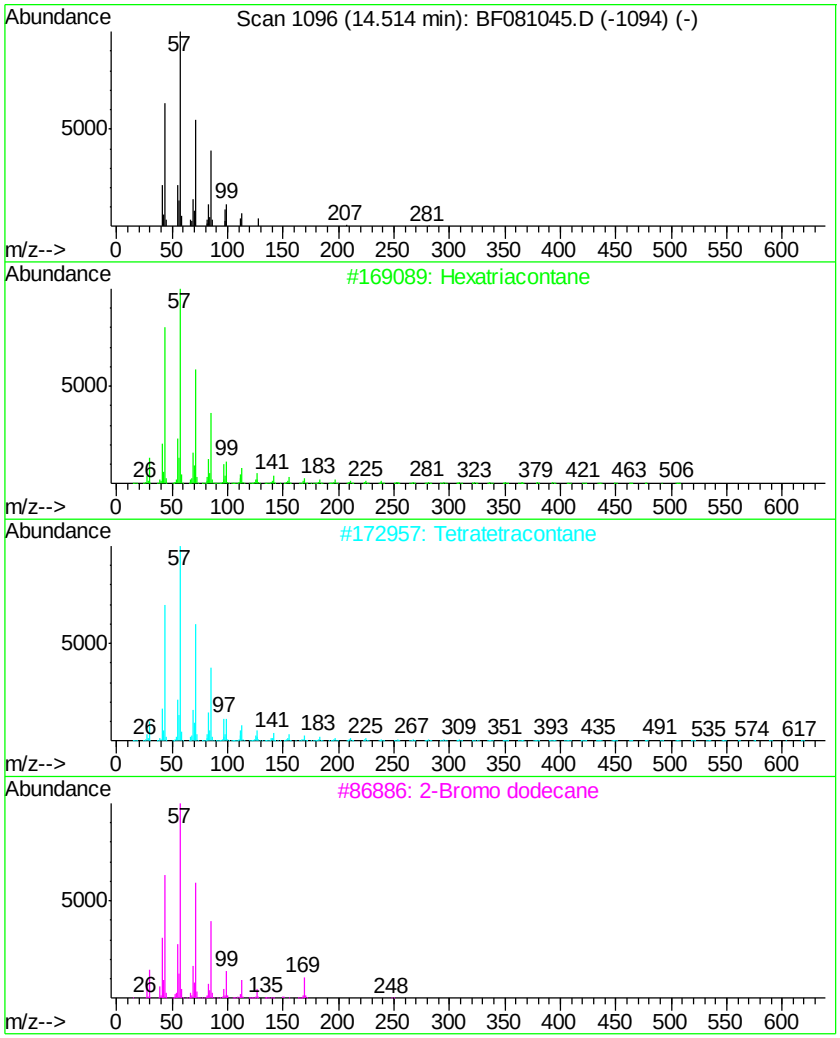
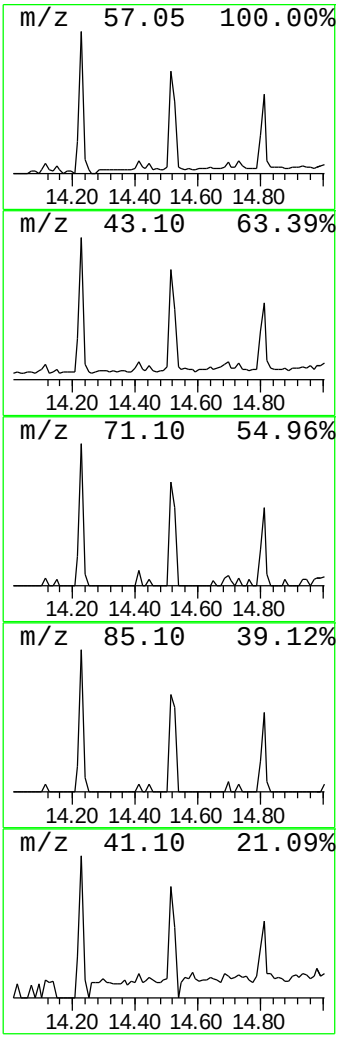
Peak Number 9 Hexatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.08 ng	52430	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Heptacosane	380	C27H56	000593-49-7	90





Tentatively Identified Compound (LSC) summary

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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...	4.73	56.0	ng	902264	1	6.60	322156	20.0
Hexadecanoic acid...	12.54	6.8	ng	201232	5	13.73	593991	20.0
Octadecanoic acid...	13.23	5.3	ng	156349	5	13.73	593991	20.0
Eicosane	13.28	2.8	ng	83809	5	13.73	593991	20.0
Heptacosane	13.61	2.1	ng	63048	5	13.73	593991	20.0
Heneicosane	13.92	2.5	ng	73532	5	13.73	593991	20.0
Hexatriacontane	14.51	2.1	ng	52430	6	15.07	503892	20.0