LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

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-BF120415.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	3.527	158	161	162	rBV	101787	160012	2.73%	0.324%
2	3.561	162	164	183	rVB	1116437	2251856	38.46%	4.566%
3	4.007	201	203	218	rBV	4530217	5855058	100.00%	11.872%
4	5.287	312	315	318	rBV	3753287	5777559	98.68%	11.715%
5	5.424	324	327	329	rBV	3881548	5775019	98.63%	11.710%
6	5.721	350	353	363	rVB	817265	990893	16.92%	2.009%
7	5.939	369	372	375	rBV	3334202	4136218	70.64%	8.387%
8	6.556	422	426	433	rBV	2562927	3837297	65.54%	7.781%
9	7.619	517	519	532	rVB	933686	1278990	21.84%	2.593%
10	9.367	668	672	675	rBV	3711444	5386074	91.99%	10.921%
11	10.053	729	732	735	rBV	896289	1079959	18.44%	2.190%
12	10.408	760	763	769	rBV2	899476	1420218	24.26%	2.880%
13	11.253	834	837	840	rVB	153027	206790	3.53%	0.419%
14	11.619	864	869	871	rBV	48341	105541	1.80%	0.214%
15	11.699	873	876	879	rBV	1955175	2828079	48.30%	5.734%
16	12.031	902	905	909	rBV	140076	261652	4.47%	0.531%
17	12.339	929	932	936	rBV	25847	60987	1.04%	0.124%
18	12.762	966	969	971	rBV	75756	102467	1.75%	0.208%
19	12.808	971	973	979	rVB	793544	1071222	18.30%	2.172%
20	13.859	1062	1065	1071	rBV2	66966	137031	2.34%	0.278%
21	14.591	1126	1129	1132	rVB	55479	95620	1.63%	0.194%
22	15.140	1174	1177	1181	rBV	70078	104924	1.79%	0.213%
23	15.437	1200	1203	1206	rBV	2284269	3665575	62.61%	7.432%
24	16.317	1276	1280	1283	rBV	583088	800637	13.67%	1.623%
25	16.945	1332	1335	1339	rBV	98272	174593	2.98%	0.354%
26	17.014	1339	1341	1348	rVV	739719	965817	16.50%	1.958%
27	18.648	1482	1484	1492	rVB	604843	788355	13.46%	1.598%

Sum of corrected areas: 49318443

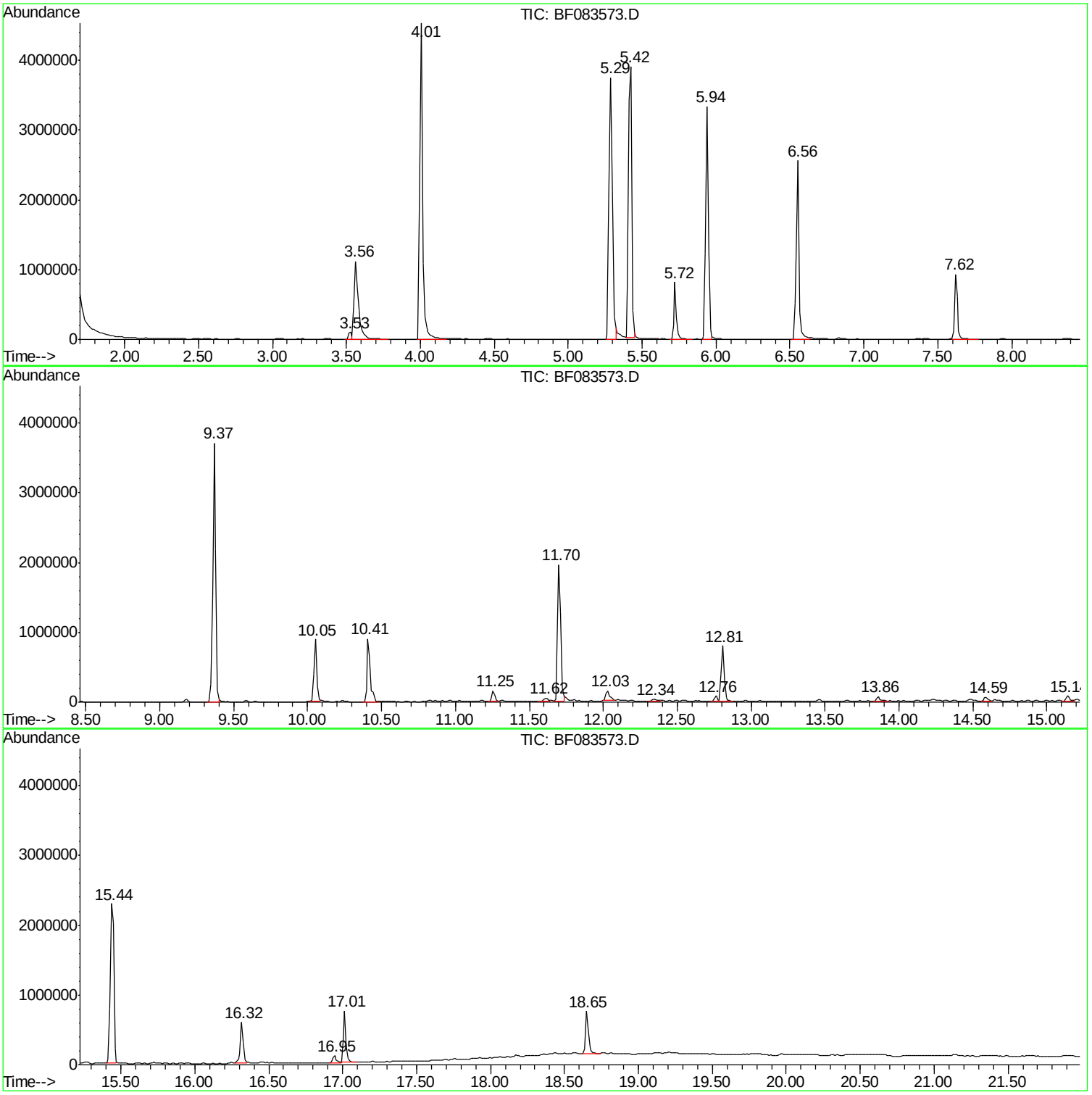
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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\BF120715\
Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

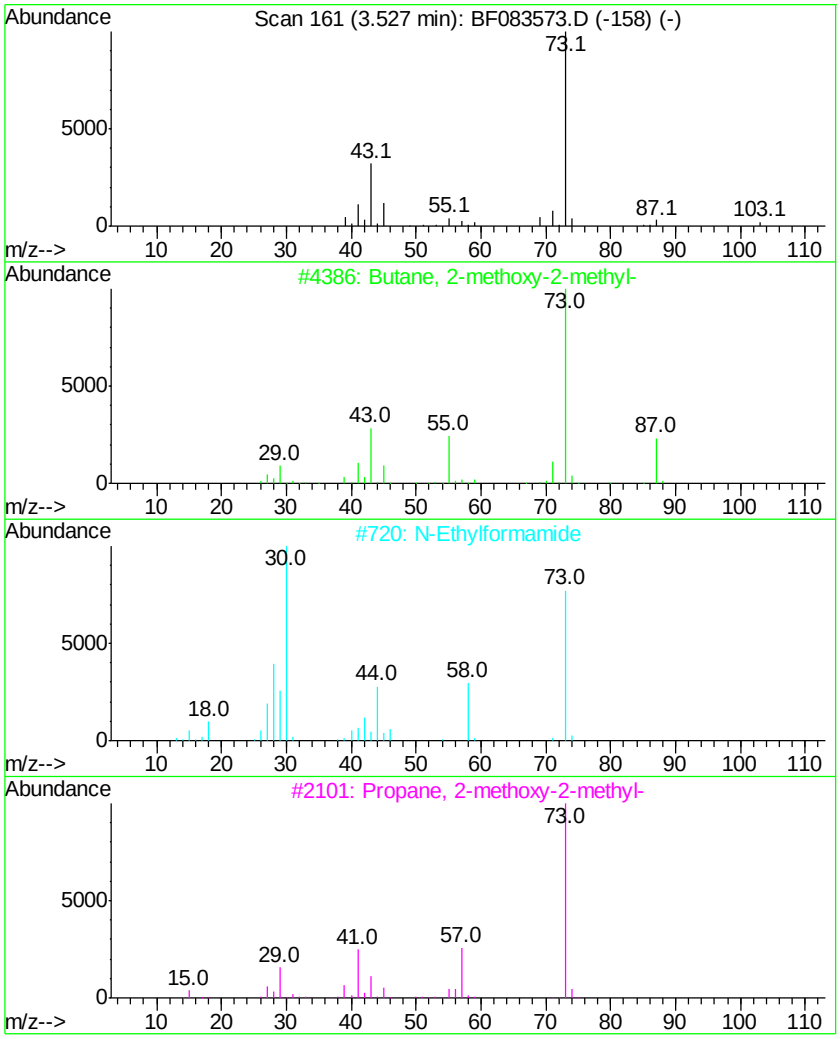
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

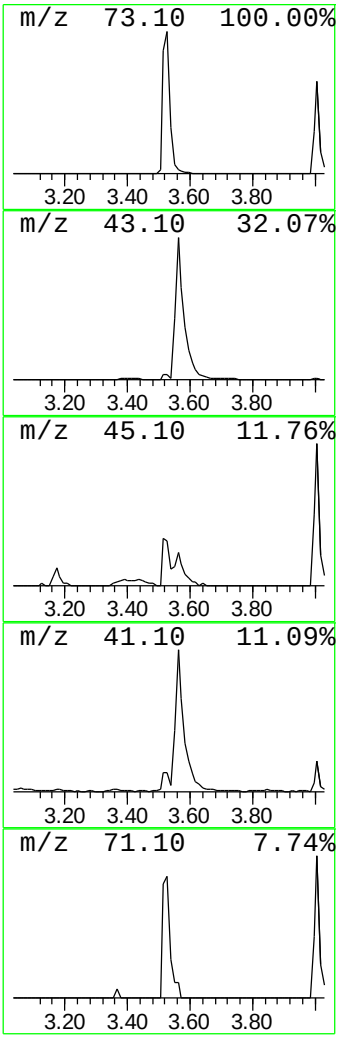
****

Peak Number 1 unknown3.53 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	3.23 ng	160012	1,4-Dichlorobenzene-d4	5.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	28
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

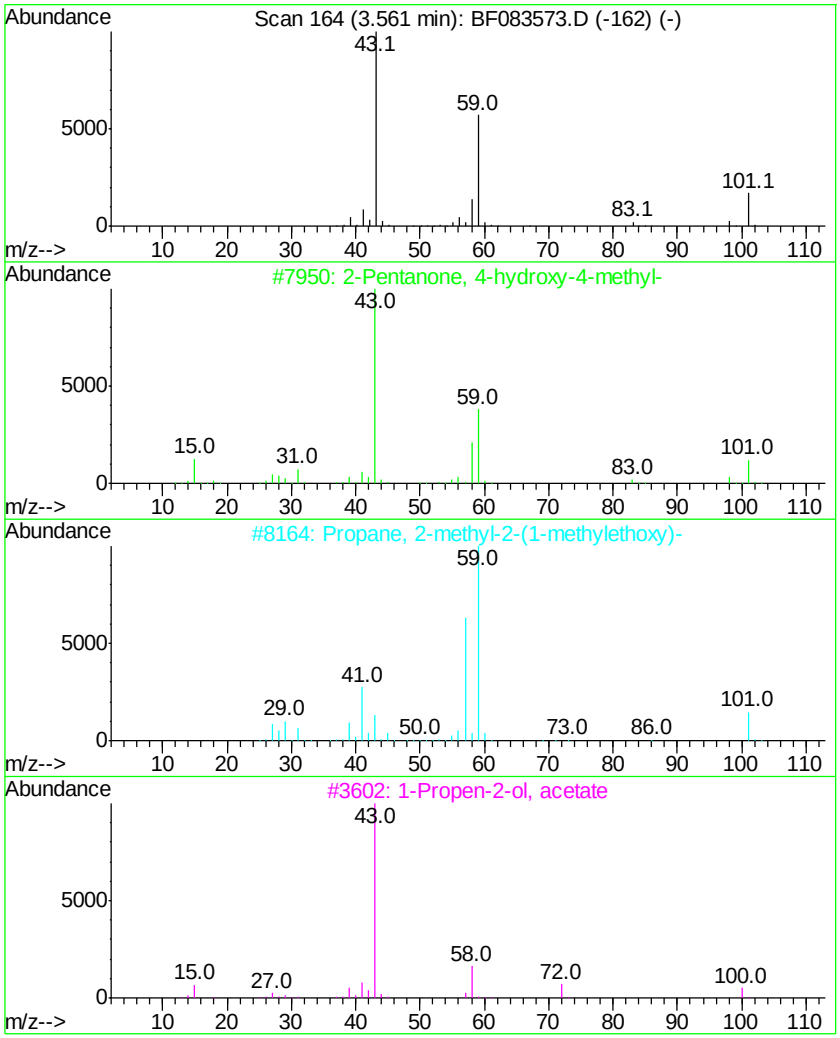
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

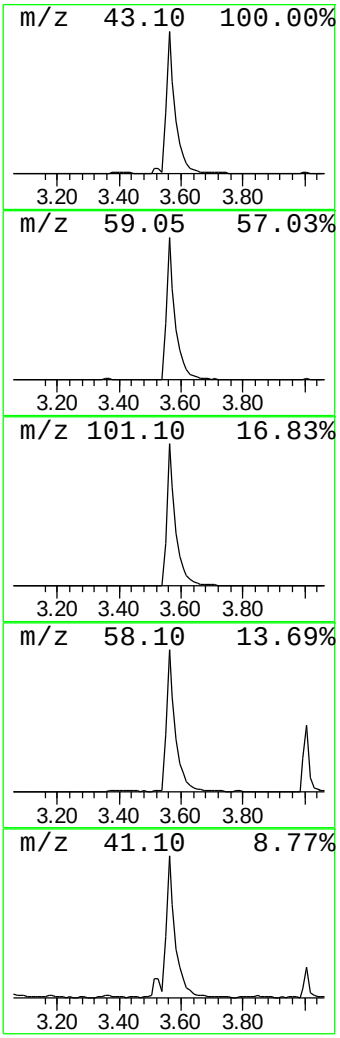
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	45.45 ng	2251860	1,4-Dichlorobenzene-d4	5.72

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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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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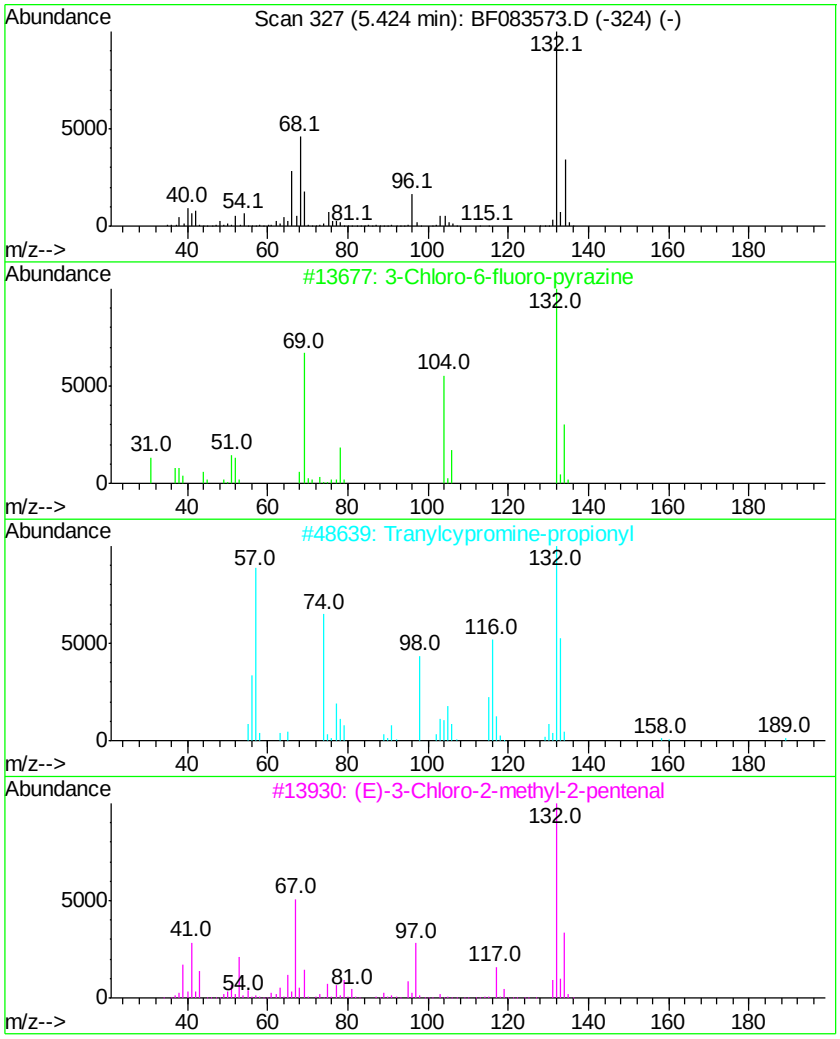
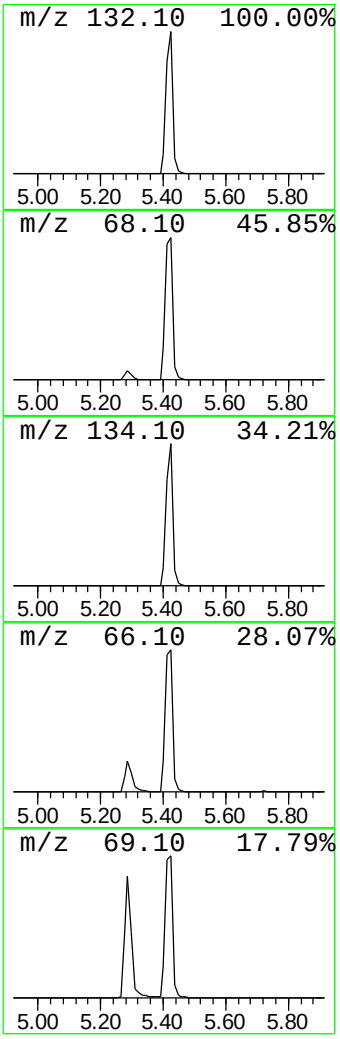
Peak Number 3 unknown5.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	116.56 ng	5775020	1,4-Dichlorobenzene-d4	5.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
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\BF120715\
Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

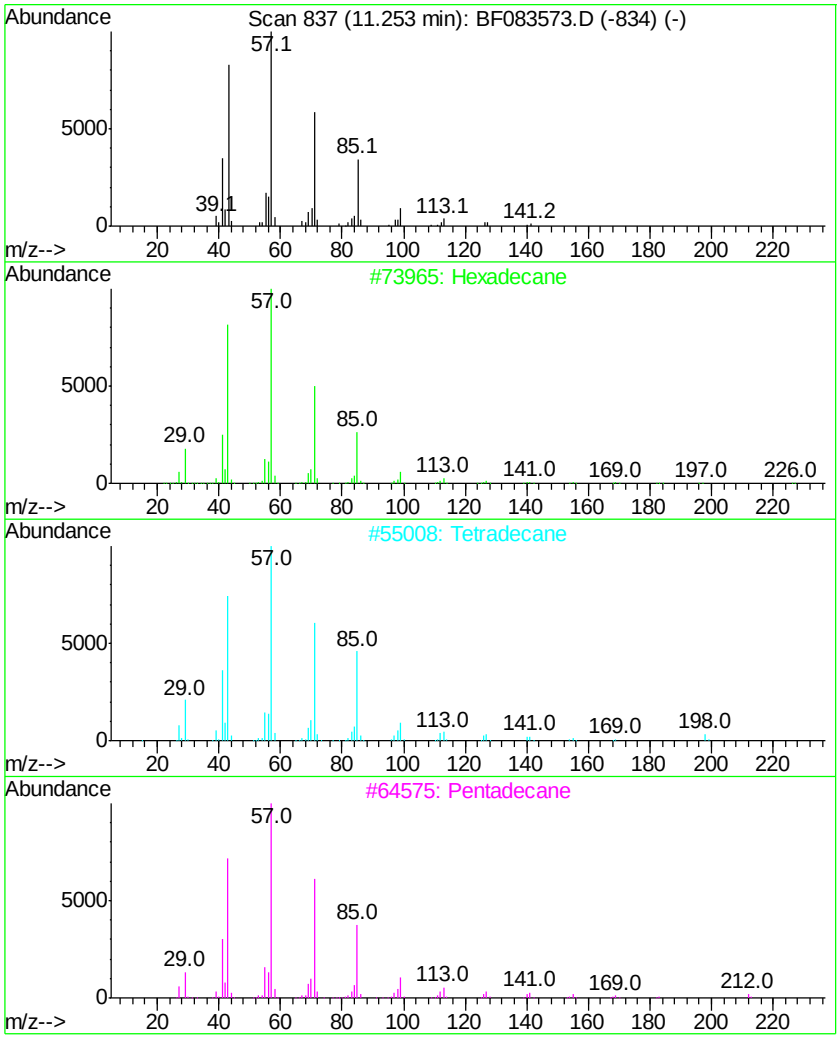
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

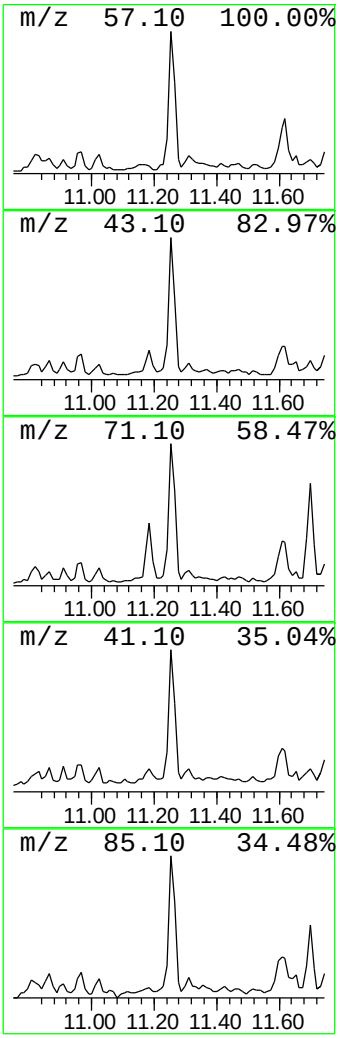
****

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.91 ng	206790	Acenaphthene-d10	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	72
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
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Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
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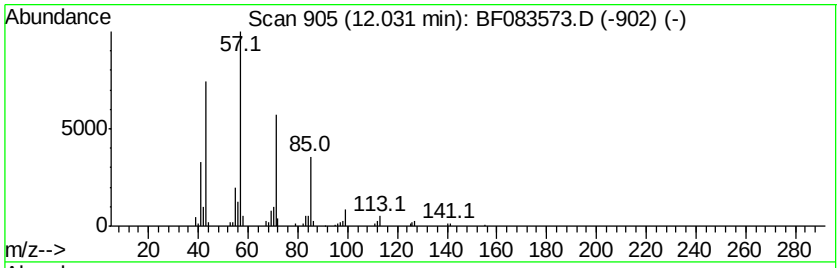
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

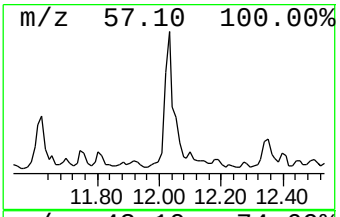
****

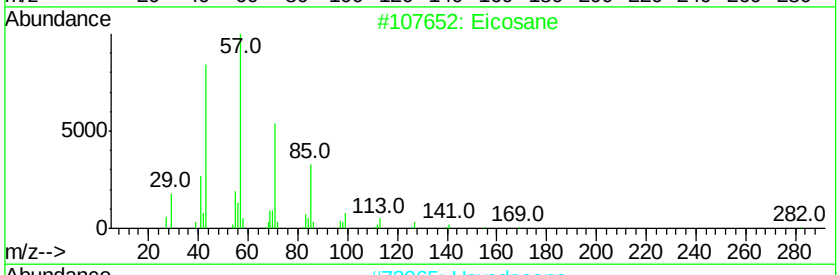
Peak Number 6 Eicosane Concentration Rank 5

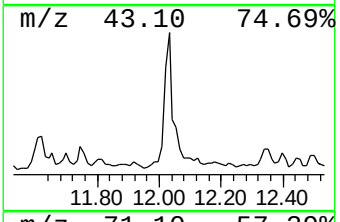
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.89 ng	261652	Phenanthrene-d10	12.81

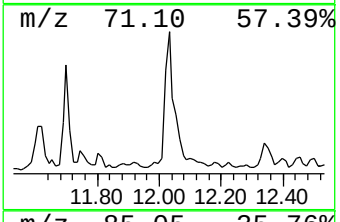
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86

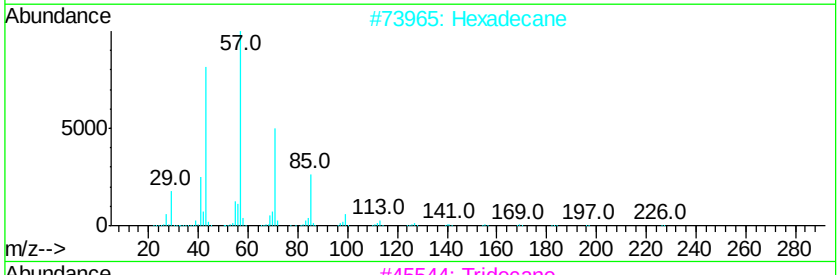


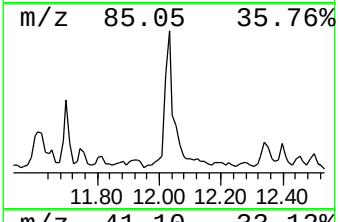


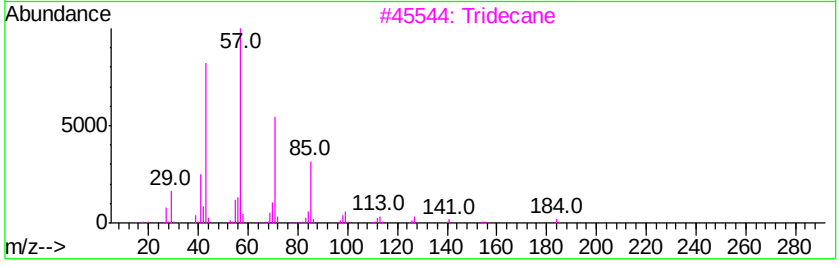


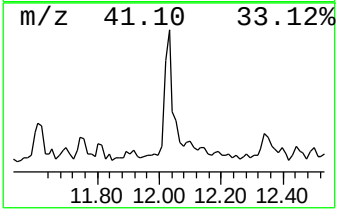












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Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

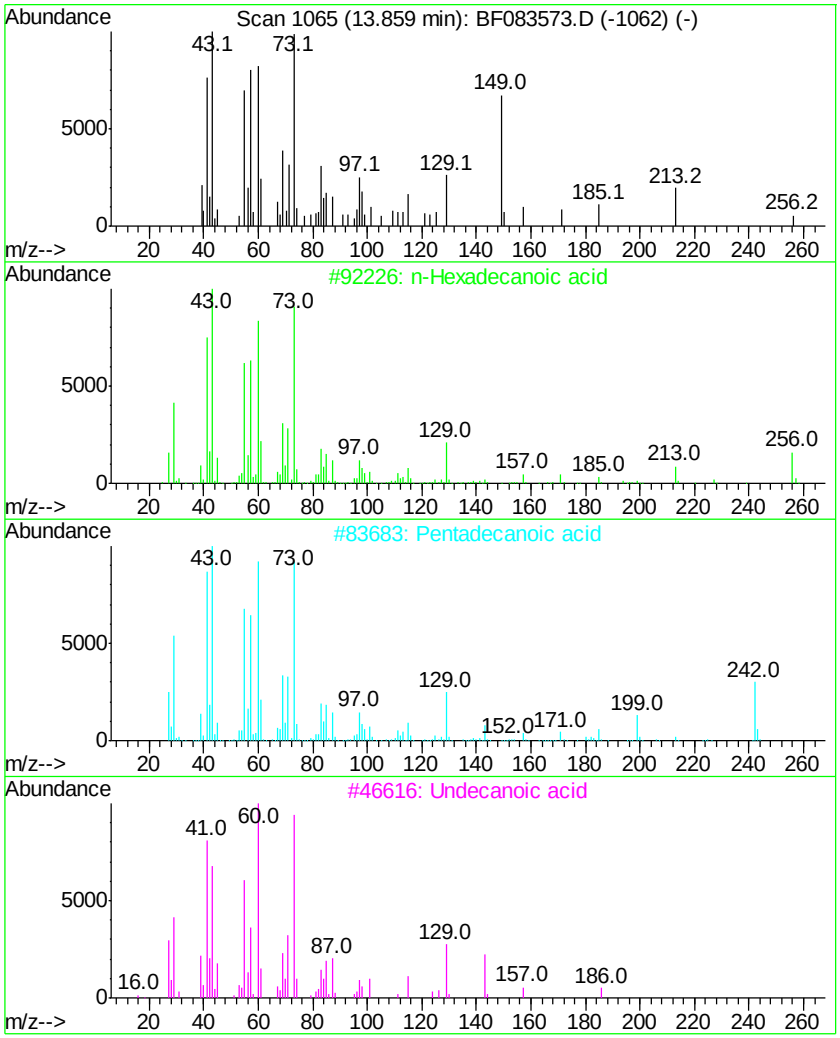
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

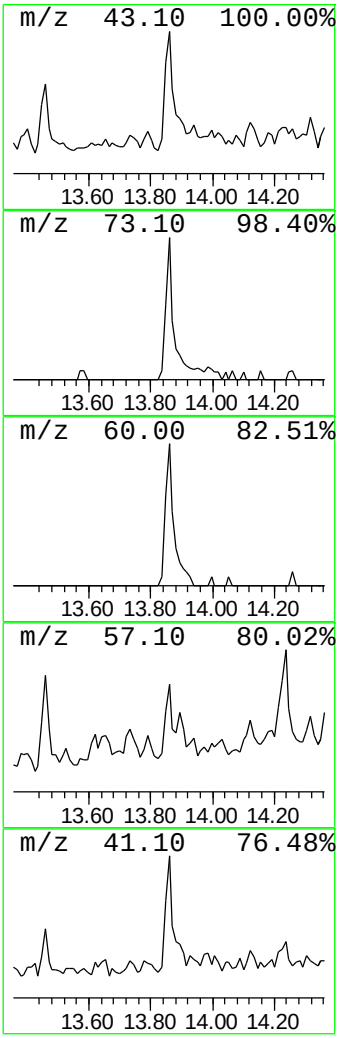
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.56 ng	137031	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
3	Undecanoic acid	186	C11H22O2	000112-37-8	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	Lactose	342	C12H22O11	000063-42-3	43





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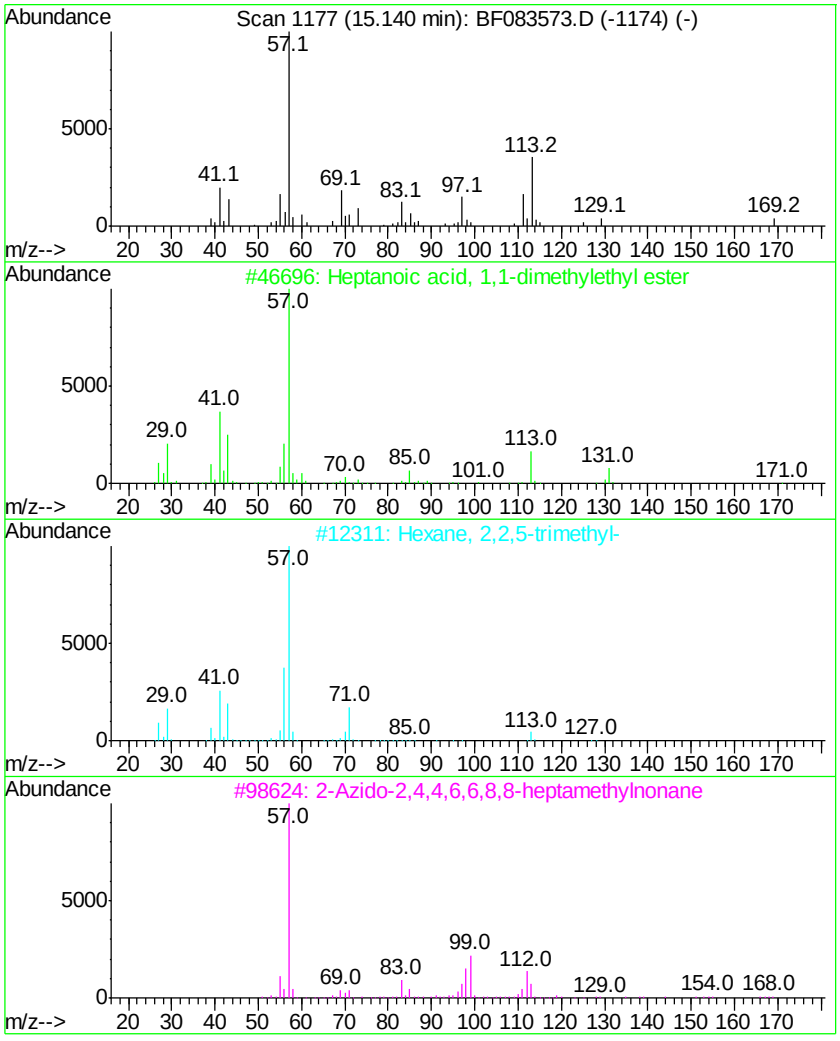
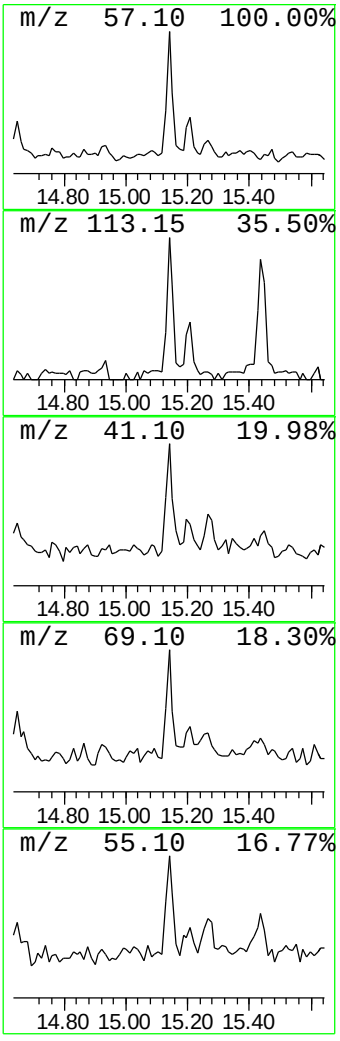
****

Peak Number 8 unknown15.14 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.17 ng	104924	Chrysene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, 1,1-dimethylethy...	186	C11H22O2	041084-78-0	25
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	25
3	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	25
4	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	23
5	Piperazine, 1-methyl-4-nitroso-	129	C5H11N3O	016339-07-4	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
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Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

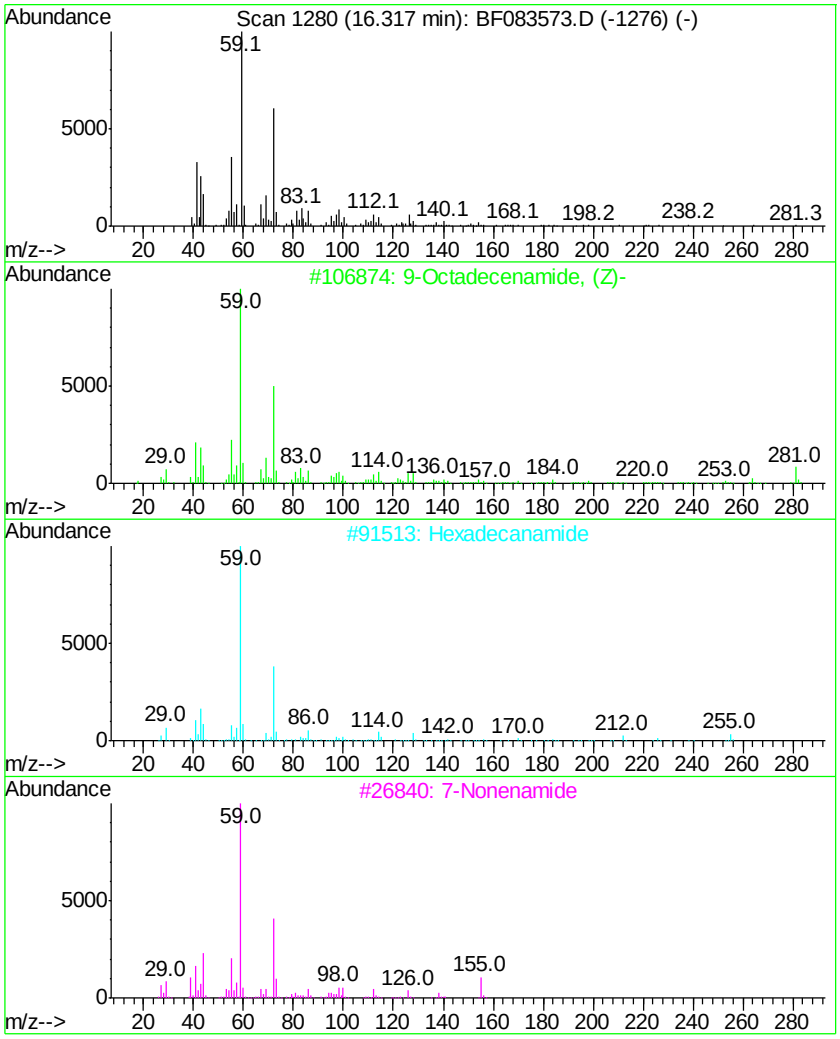
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

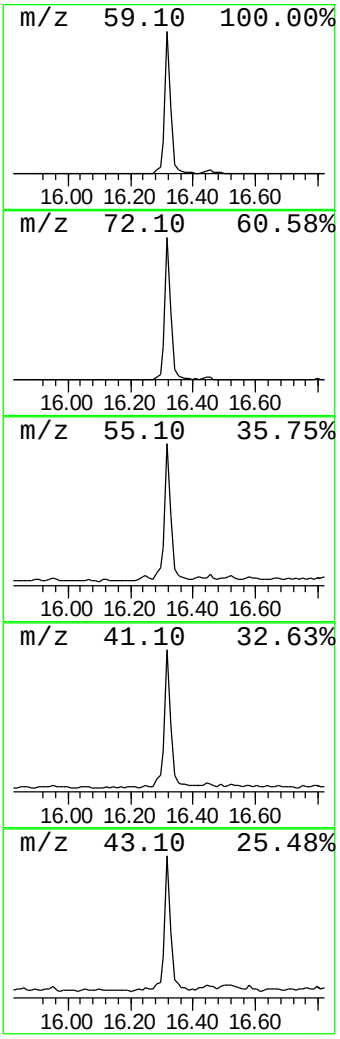
****

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	16.58 ng	800637	Chrysene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
2	Hexadecanamide	255	C16H33NO	000629-54-9	56
3	7-Nonenamide	155	C9H17NO	090949-53-4	56
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	56
5	Nonanamide	157	C9H19NO	001120-07-6	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

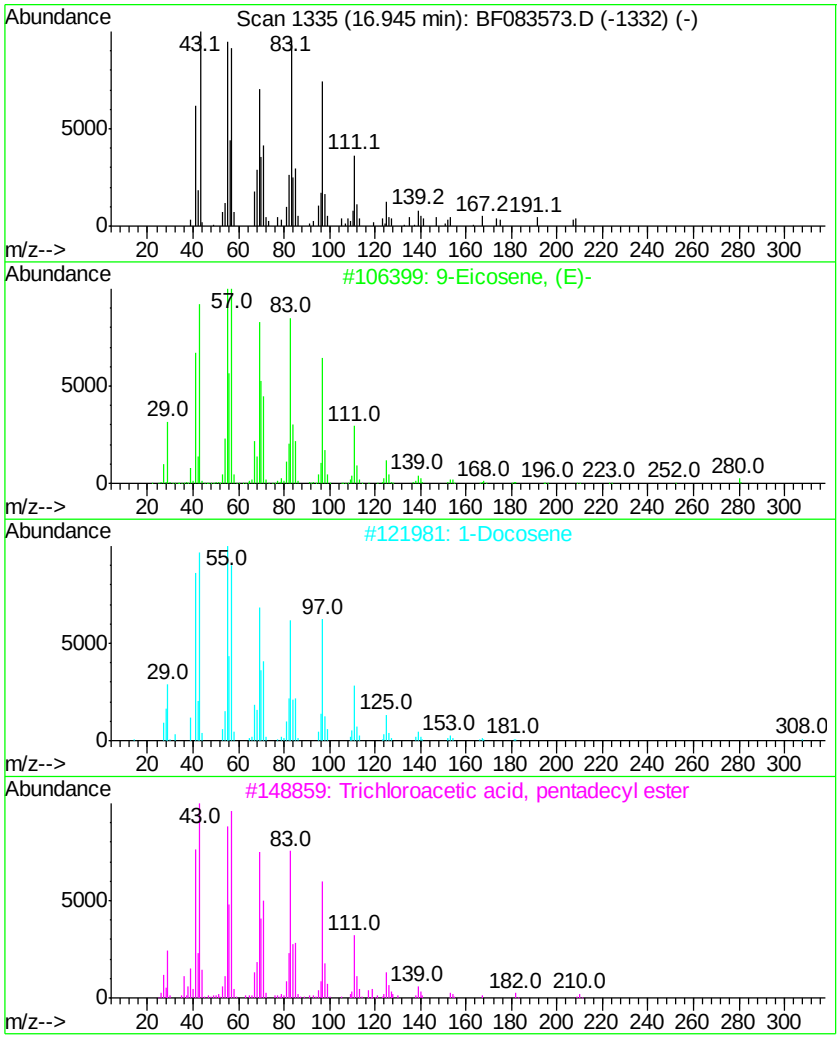
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

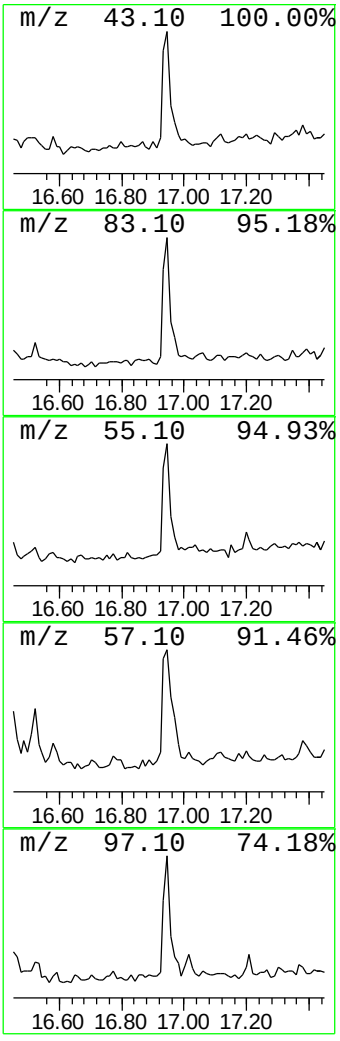
****

Peak Number 10 9-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	3.62 ng	174593	Chrysene-d12	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
2	1-Docosene	308	C22H44	001599-67-3	87
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4	1-Eicosanol	298	C20H42O	000629-96-9	86
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083573.D
Acq On : 7 Dec 2015 23:27
Operator : UM/IZ
Sample : G4579-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP5(24-30)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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
unknown3.53	3.53	3.2	ng	160012	1	5.72	990893	20.0
2-Pentanone, 4-hy...	3.56	45.5	ng	2251860	1	5.72	990893	20.0
unknown5.42	5.42	116.6	ng	5775020	1	5.72	990893	20.0
Hexadecane	11.25	2.9	ng	206790	3	10.41	1420220	20.0
Eicosane	12.03	4.9	ng	261652	4	12.81	1071220	20.0
n-Hexadecanoic acid	13.86	2.6	ng	137031	4	12.81	1071220	20.0
unknown15.14	15.14	2.2	ng	104924	5	17.01	965817	20.0
9-Octadecenamide,...	16.32	16.6	ng	800637	5	17.01	965817	20.0
9-Eicosene, (E)-	16.95	3.6	ng	174593	5	17.01	965817	20.0