LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082095.D
Acq On : 6 Oct 2015 20:43
Operator : UM/IZ
Sample : G3905-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01

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-BF092815.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	5.063	253	256	271	rVB	770332	1323020	50.40%	5.852%
2	5.486	290	293	295	rBV	1819974	2316537	88.25%	10.247%
3	6.515	380	383	386	rBV	1818847	2081408	79.30%	9.207%
4	6.652	392	395	397	rBV	2454382	2439227	92.93%	10.789%
5	6.880	413	415	418	rBV	510597	449082	17.11%	1.986%
6	7.040	426	429	431	rBV	2131262	1926914	73.41%	8.523%
7	7.452	462	465	467	rBV	1416650	1389669	52.94%	6.147%
8	7.532	470	472	478	rVB2	16309	36178	1.38%	0.160%
9	8.172	525	528	530	rBV	575896	569079	21.68%	2.517%
10	9.246	619	622	625	rBV	2860728	2624873	100.00%	11.611%
11	9.646	654	657	659	rBV	291863	395398	15.06%	1.749%
12	9.921	679	681	684	rBV2	595350	637259	24.28%	2.819%
13	10.355	714	719	720	rBV2	24371	41505	1.58%	0.184%
14	10.721	748	751	753	rBV	1409910	1661536	63.30%	7.349%
15	10.823	758	760	765	rVB	52979	62746	2.39%	0.278%
16	11.269	797	799	801	rBV	34394	33909	1.29%	0.150%
17	11.418	809	812	814	rBV	403465	569948	21.71%	2.521%
18	11.944	856	858	860	rBV	99355	110544	4.21%	0.489%
19	12.035	863	866	868	rVB2	75081	107495	4.10%	0.475%
20	13.007	948	951	953	rBV	2094886	2557590	97.44%	11.313%
21	13.898	1026	1029	1037	rBV	102147	216618	8.25%	0.958%
22	14.058	1040	1043	1045	rBV	336996	489451	18.65%	2.165%
23	14.801	1106	1108	1112	rBV2	33793	52052	1.98%	0.230%
24	15.498	1166	1169	1175	rBV	321947	486007	18.52%	2.150%
25	18.481	1427	1430	1437	rVB6	8317	29465	1.12%	0.130%

Sum of corrected areas: 22607510

LSC Report - Integrated Chromatogram

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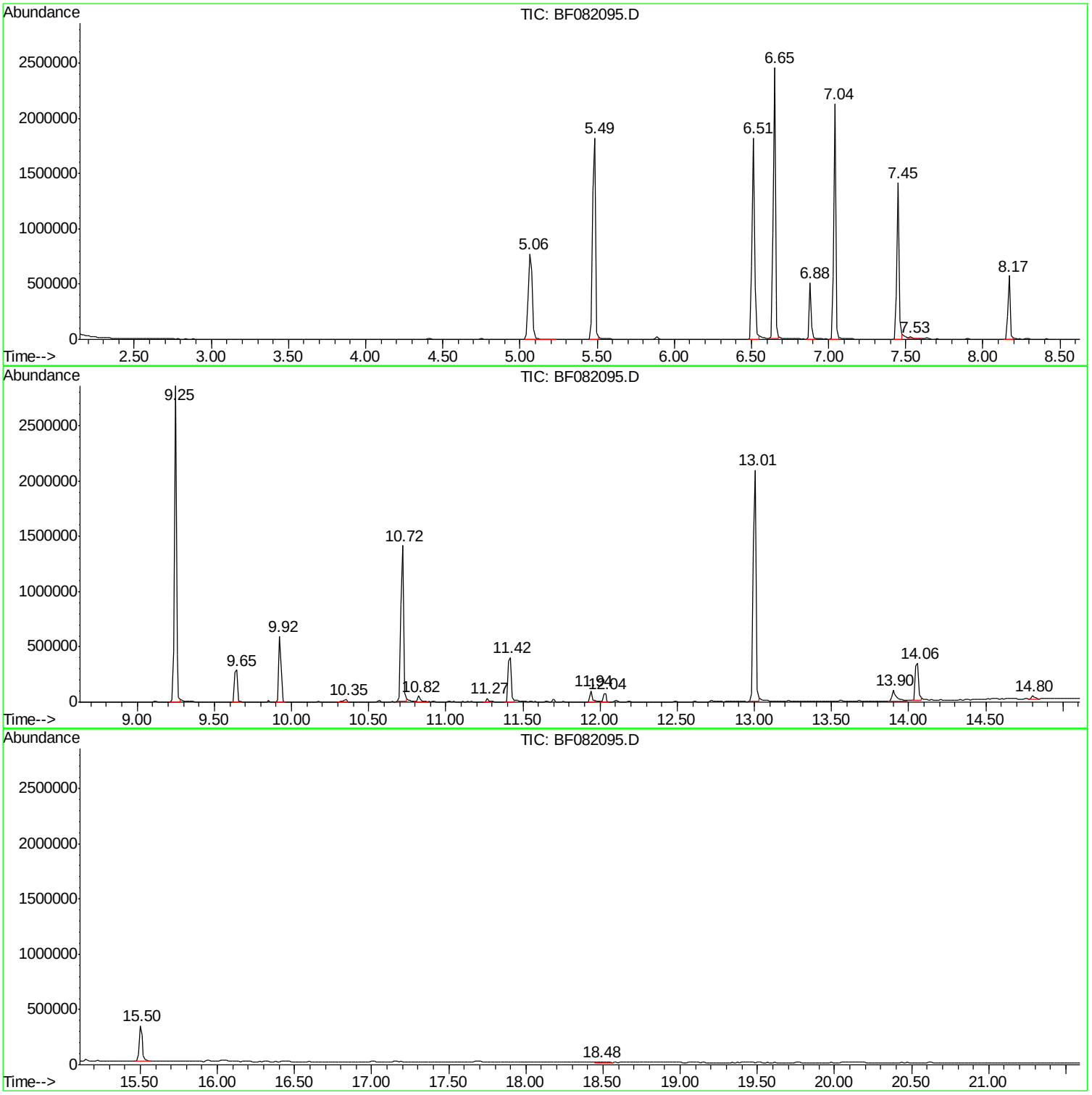
Data File : BF082095.D
Acq On : 6 Oct 2015 20:43
Operator : UM/IZ
Sample : G3905-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082095.D
Acq On : 6 Oct 2015 20:43
Operator : UM/IZ
Sample : G3905-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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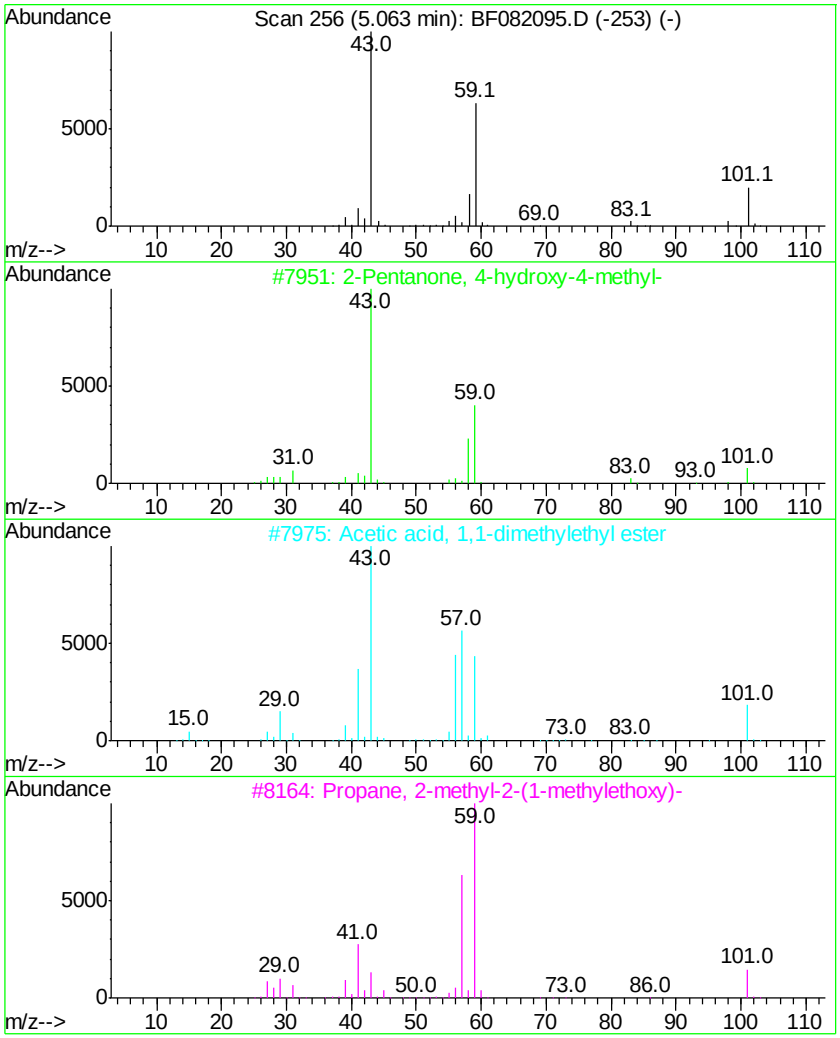
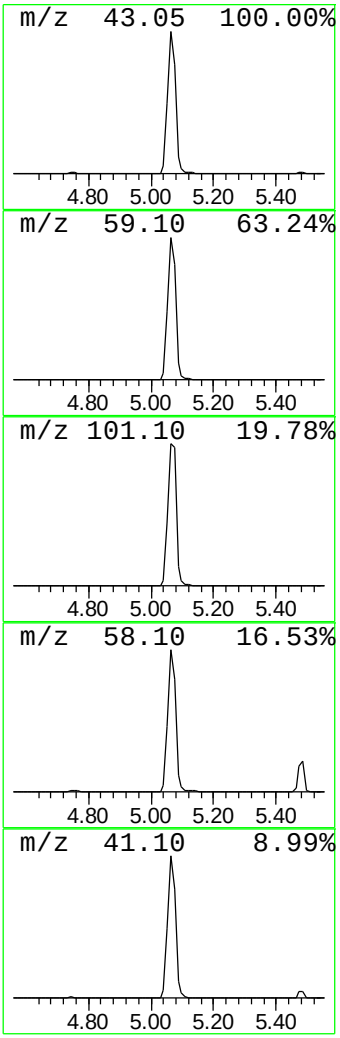
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	58.92 ng	1323020	1,4-Dichlorobenzene-d4	6.88

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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082095.D
Acq On : 6 Oct 2015 20:43
Operator : UM/IZ
Sample : G3905-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

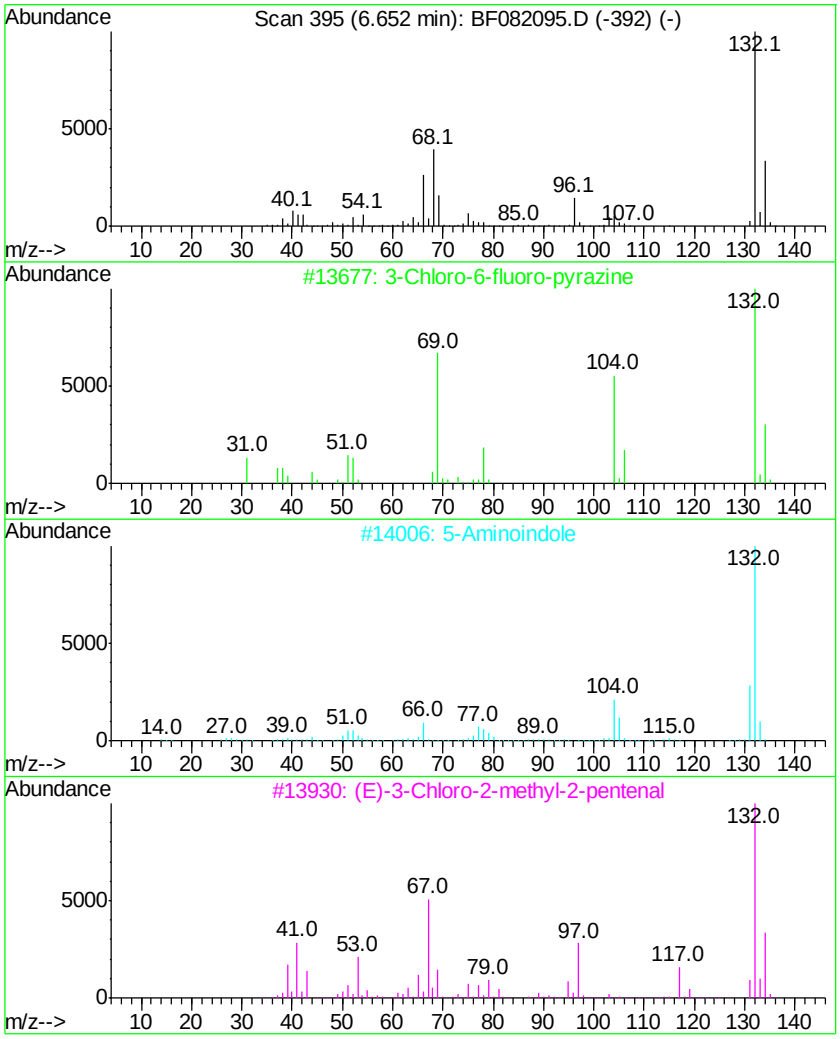
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

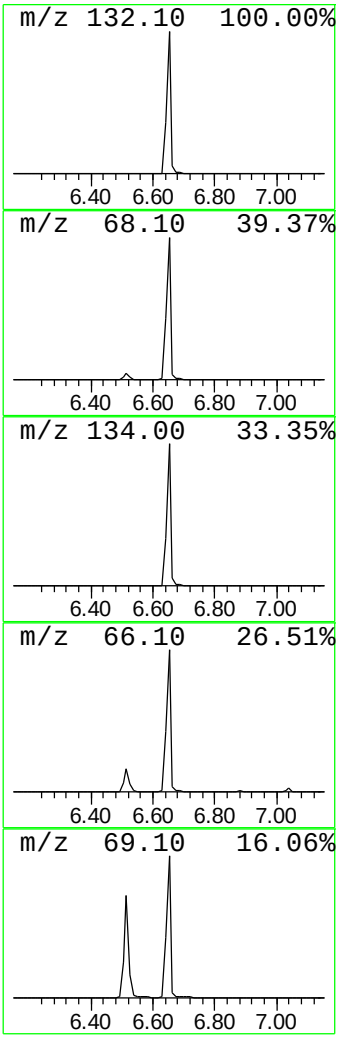
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	108.63 ng	2439230	1,4-Dichlorobenzene-d4	6.88

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082095.D
Acq On : 6 Oct 2015 20:43
Operator : UM/IZ
Sample : G3905-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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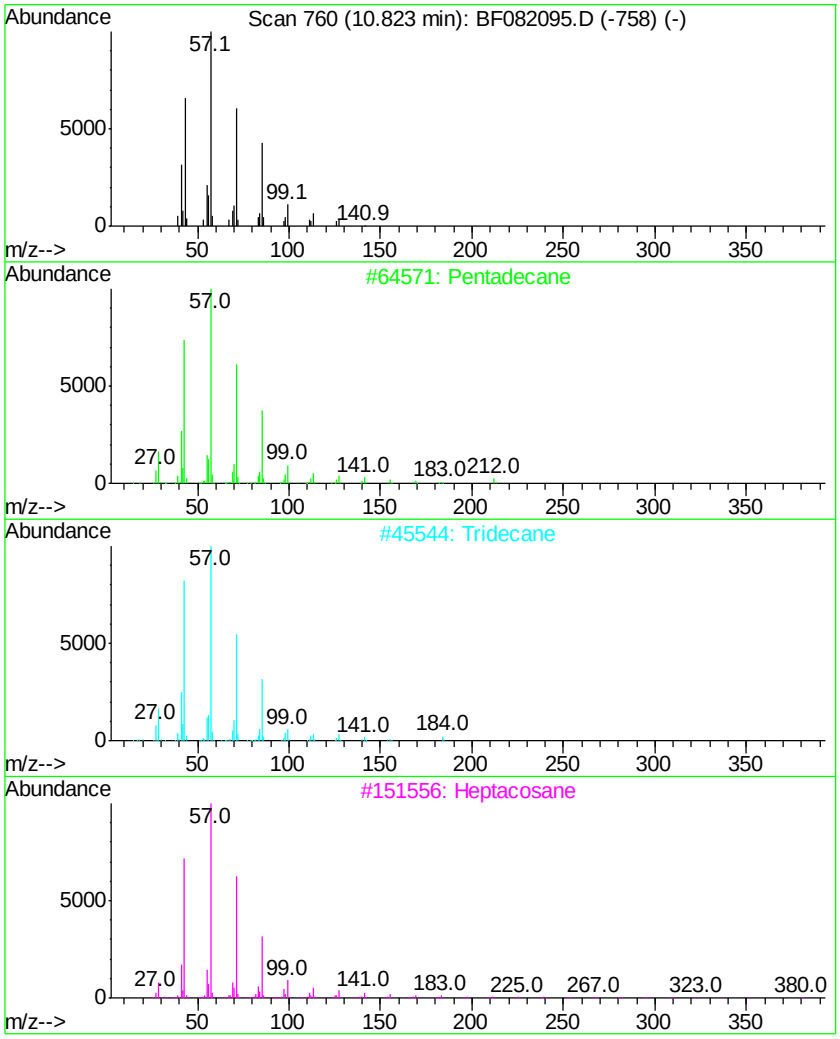
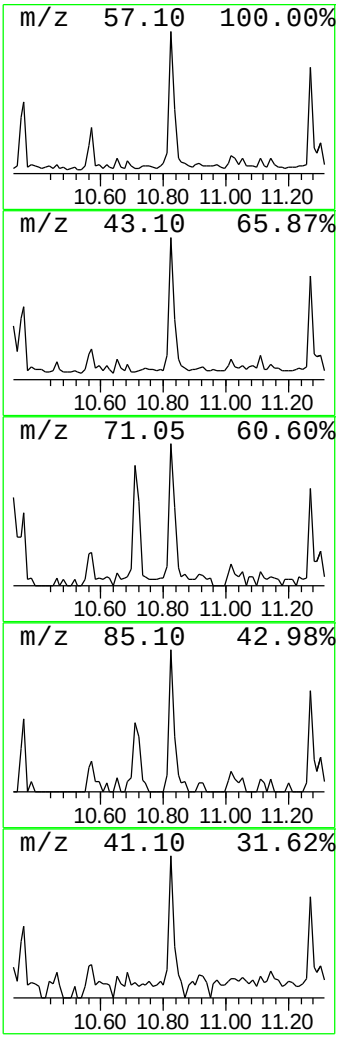
Peak Number 4 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.20 ng	62746	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptacosane	380	C27H56	000593-49-7	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082095.D
Acq On : 6 Oct 2015 20:43
Operator : UM/IZ
Sample : G3905-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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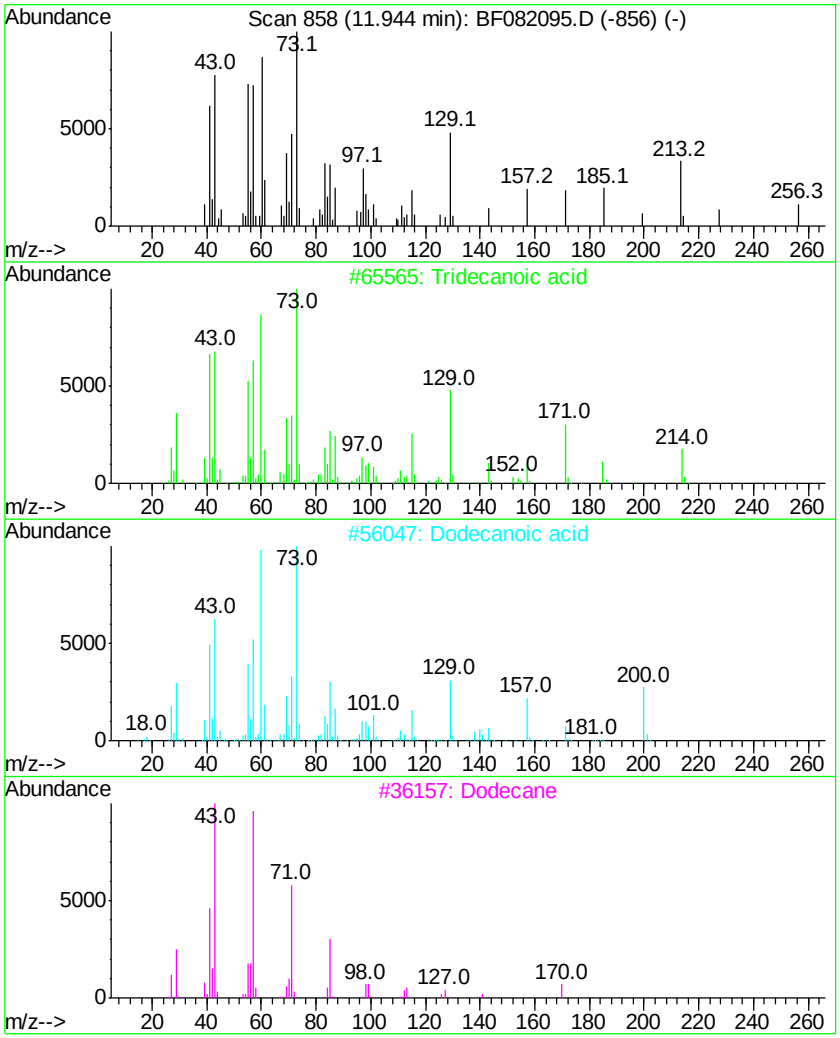
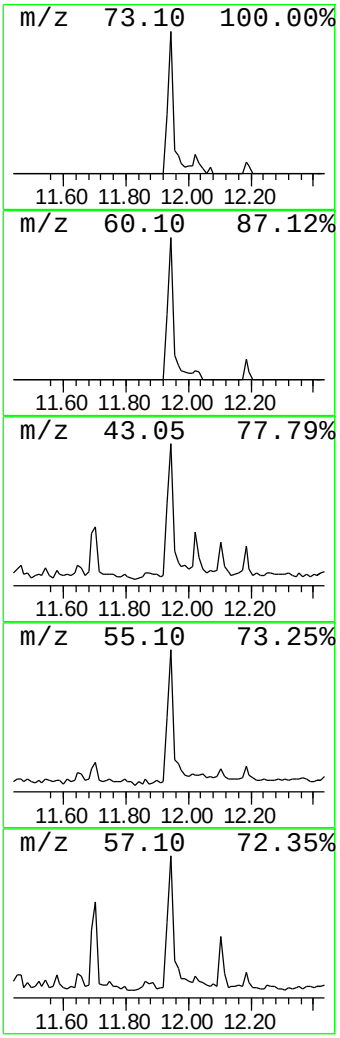
Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.88 ng	110544	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	70
2	Dodecanoic acid	200	C12H24O2	000143-07-7	50
3	Dodecane	170	C12H26	000112-40-3	11
4	Tridecane	184	C13H28	000629-50-5	11
5	Hexadecane	226	C16H34	000544-76-3	11





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Operator : UM/IZ
Sample : G3905-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

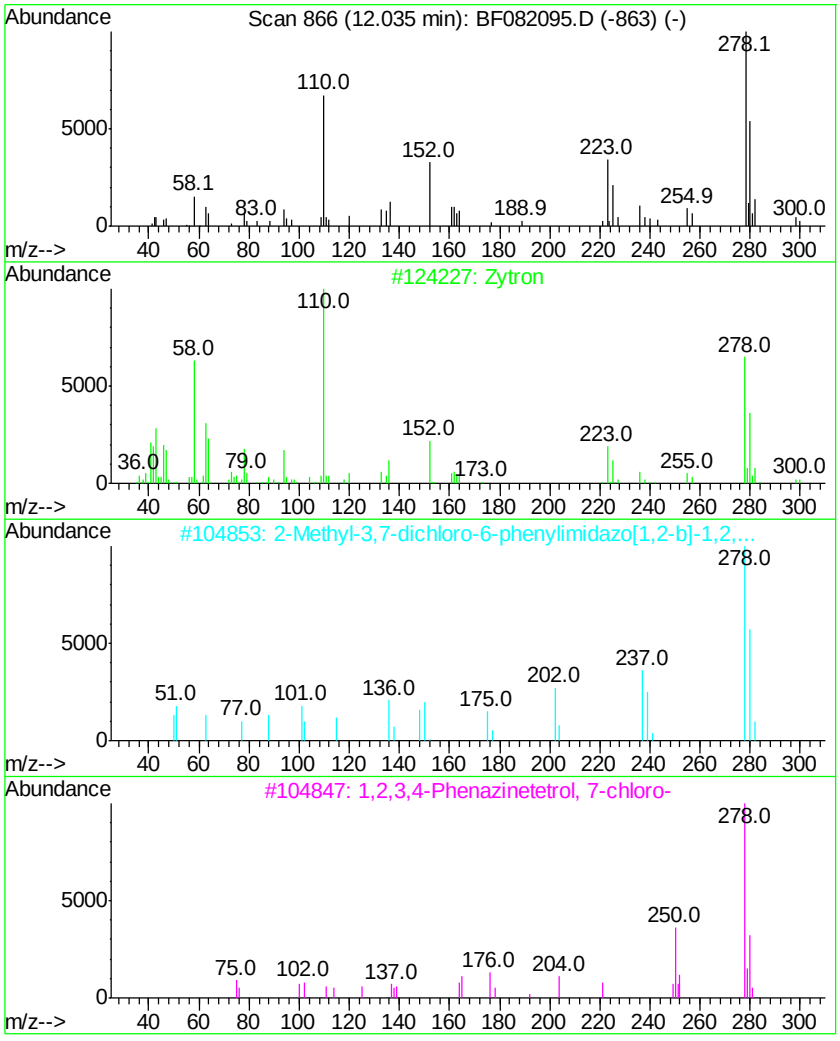
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

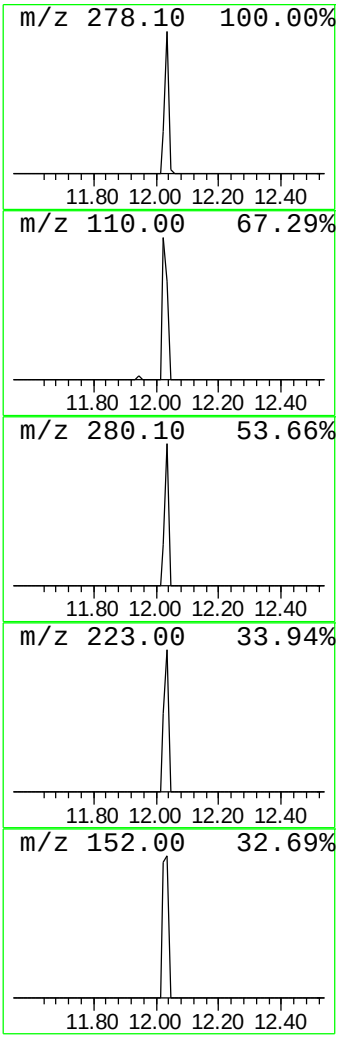
****

Peak Number 6 Zytron Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.77 ng	107495	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zytron	313	C10H14Cl2NO2PS	000299-85-4	91
2	2-Methyl-3,7-dichloro-6-phenylim...	278	C12H8Cl2N4	107805-86-7	38
3	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	27
4	1,3-Diamino-7,9-dichlorobenzo[f]...	278	C12H8Cl2N4	037521-58-7	25
5	3,5-Dibromosalicylamide	293	C7H5Br2NO2	017892-25-0	23





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Operator : UM/IZ
Sample : G3905-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

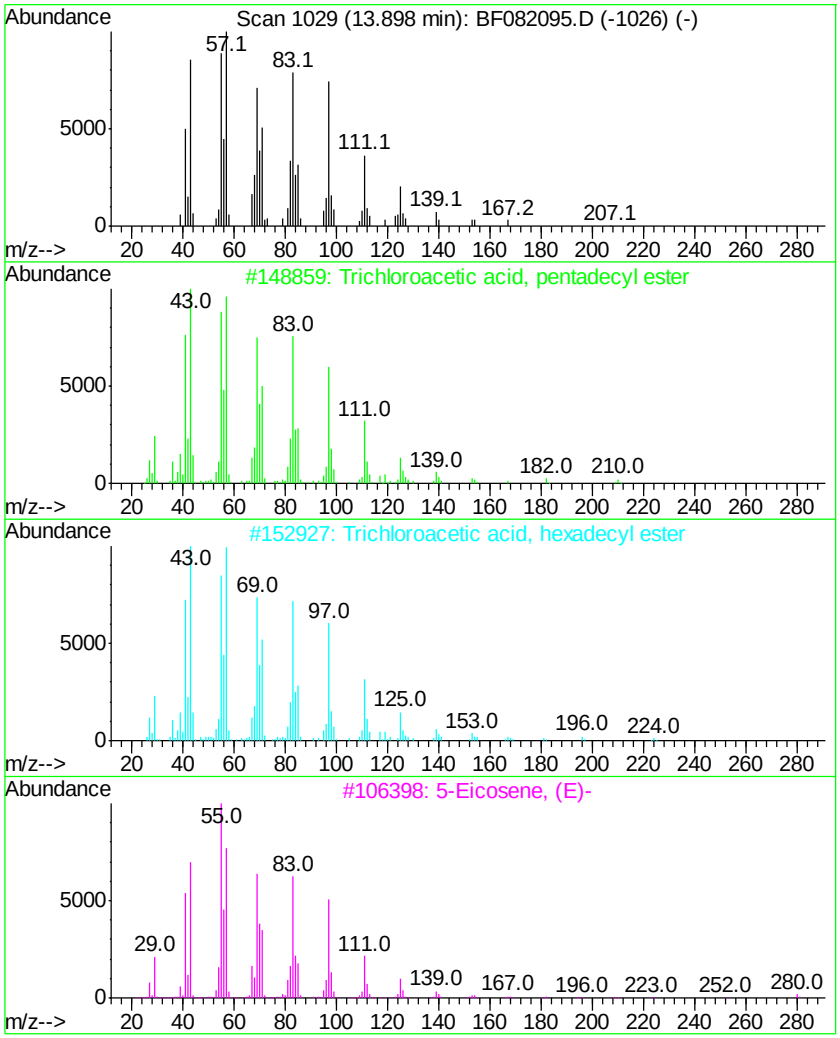
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

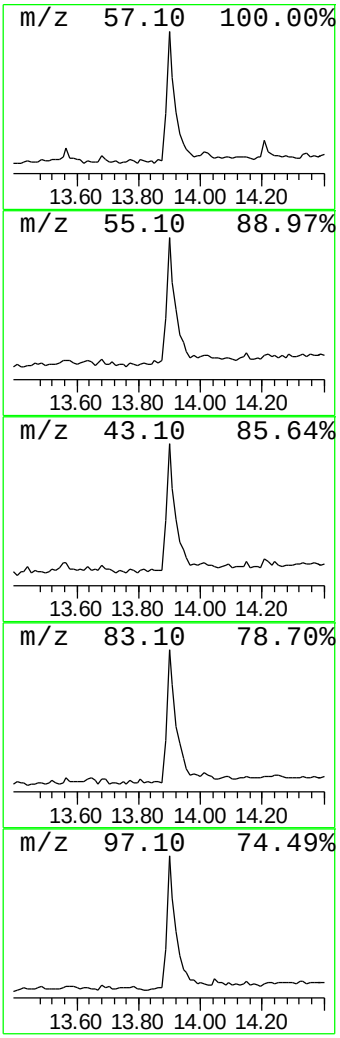
****

Peak Number 8 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	8.85 ng	216618	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Docosene	308	C22H44	001599-67-3	91





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Misc :
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ClientSampleId : P001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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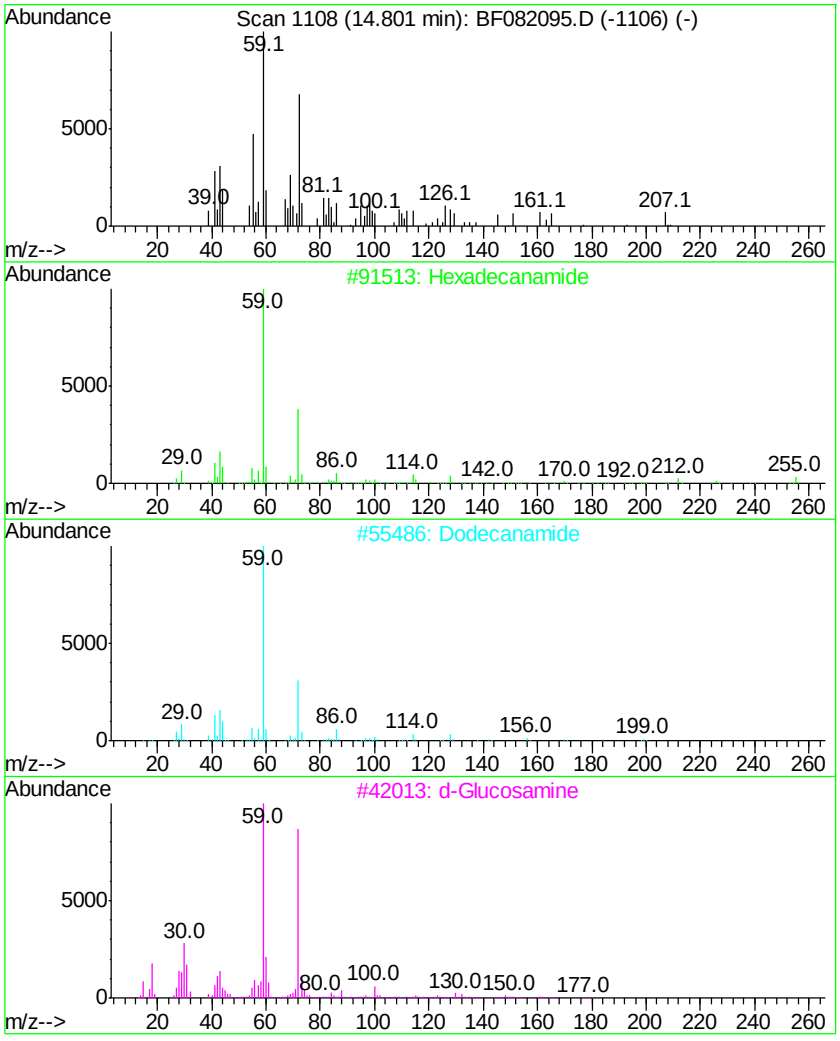
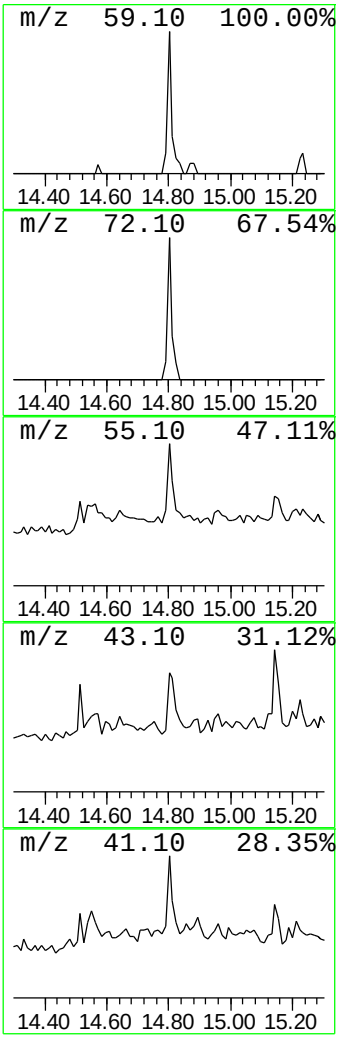
Peak Number 9 Hexadecanamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.14 ng	52052	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	59
2	Dodecanamide	199	C12H25NO	001120-16-7	50
3	d-Glucosamine	179	C6H13NO5	000090-77-7	50
4	Octanamide	143	C8H17NO	000629-01-6	40
5	2,4(1H,3H)-Pyrimidinedione, 1-(2...	287	C11H17N3O6	056710-84-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100615\
Data File : BF082095.D
Acq On : 6 Oct 2015 20:43
Operator : UM/IZ
Sample : G3905-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.06	58.9	ng	1323020	1	6.88	449082	20.0
unknown6.65	6.65	108.6	ng	2439230	1	6.88	449082	20.0
Pentadecane	10.82	2.2	ng	62746	4	11.42	569948	20.0
Tridecanoic acid	11.94	3.9	ng	110544	4	11.42	569948	20.0
Zytron	12.04	3.8	ng	107495	4	11.42	569948	20.0
Trichloroacetic a...	13.90	8.8	ng	216618	5	14.06	489451	20.0
Hexadecanamide	14.80	2.1	ng	52052	6	15.50	486007	20.0