LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083959.D
Acq On : 19 Dec 2015 17:25
Operator : UM/SJ
Sample : G4884-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-121715

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-BF121815.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	5.253	262	277	279	rBV	7183060	49491429	100.00%	38.121%
2	6.624	384	397	399	rBV	5623569	33387637	67.46%	25.717%
3	6.693	399	403	411	rVV2	598056	1673813	3.38%	1.289%
4	6.887	416	420	422	rVB2	2062834	2395249	4.84%	1.845%
5	7.036	429	433	436	rBV2	2695568	4281071	8.65%	3.297%
6	7.425	463	467	470	rBV	780317	1252854	2.53%	0.965%
7	7.585	474	481	484	rVB	6260492	19225375	38.85%	14.808%
8	8.133	526	529	532	rBV2	614433	1112869	2.25%	0.857%
9	8.327	543	546	549	rVB	1891186	2400248	4.85%	1.849%
10	8.808	581	588	591	rBV2	982482	1569429	3.17%	1.209%
11	9.162	616	619	621	rVV	2316870	2915788	5.89%	2.246%
12	9.219	621	624	625	rVV	2130340	2881264	5.82%	2.219%
13	9.253	625	627	630	rVB	935434	906729	1.83%	0.698%
14	9.425	640	642	645	rVV	598996	788573	1.59%	0.607%
15	9.882	680	682	684	rBV	682558	741272	1.50%	0.571%
16	10.671	749	751	754	rBV	1009840	1025874	2.07%	0.790%
17	11.368	810	812	814	rBV	905961	784689	1.59%	0.604%
18	12.957	948	951	953	rBV	2213612	2412520	4.87%	1.858%
19	14.008	1040	1043	1045	rBV	420079	581170	1.17%	0.448%

Sum of corrected areas: 129827853

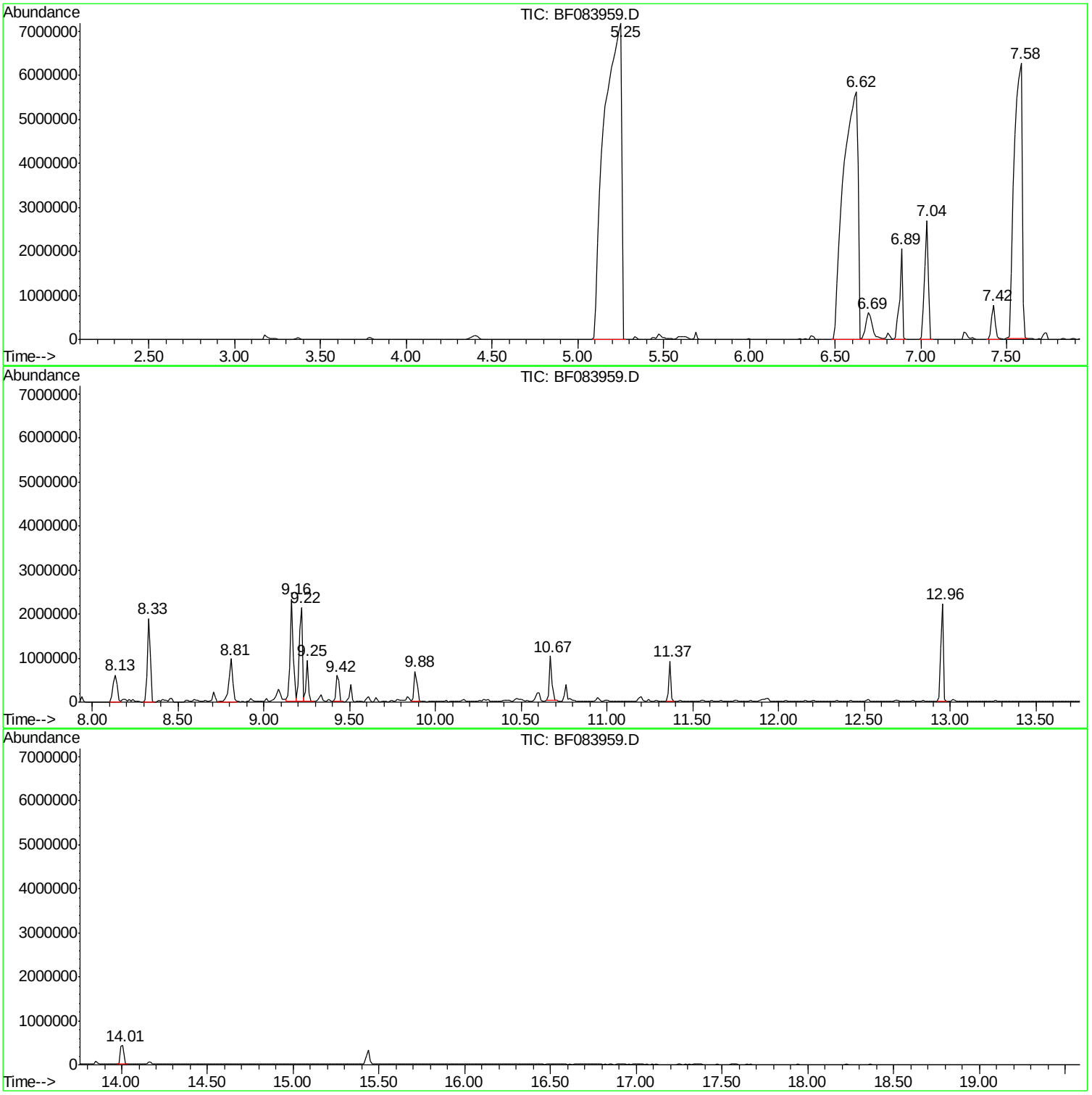
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083959.D
Acq On : 19 Dec 2015 17:25
Operator : UM/SJ
Sample : G4884-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-121715

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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\BF122015\
Data File : BF083959.D
Acq On : 19 Dec 2015 17:25
Operator : UM/SJ
Sample : G4884-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-121715

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

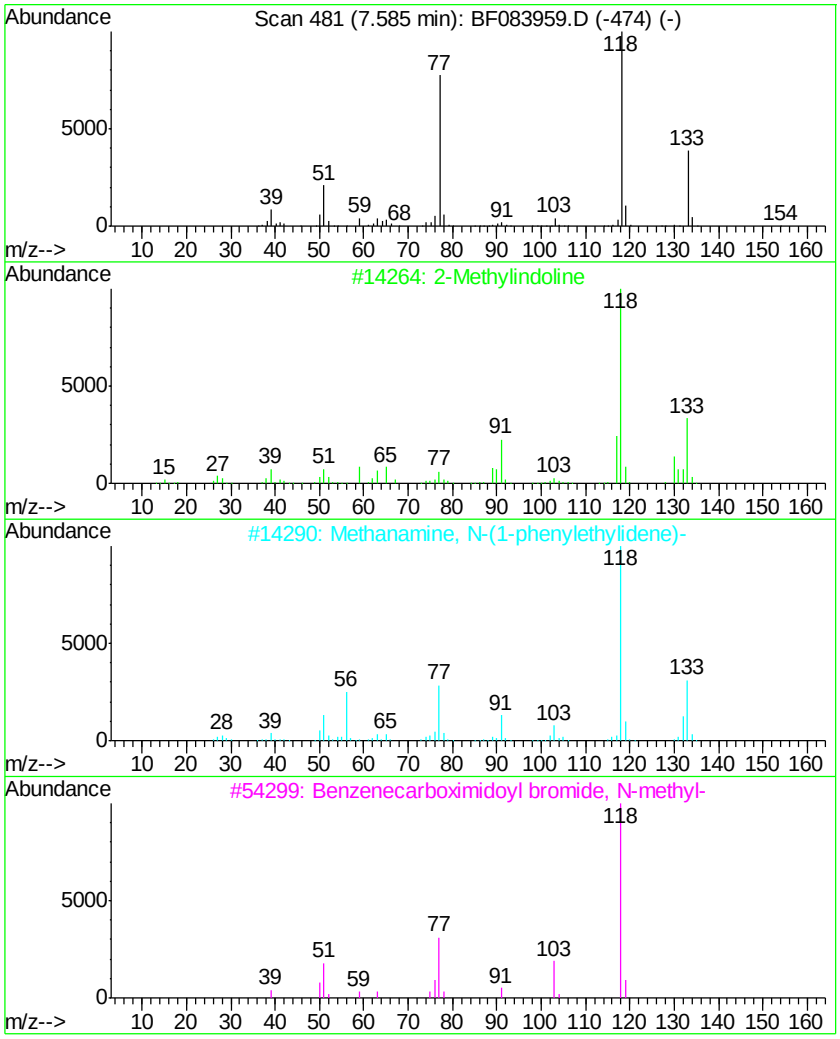
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

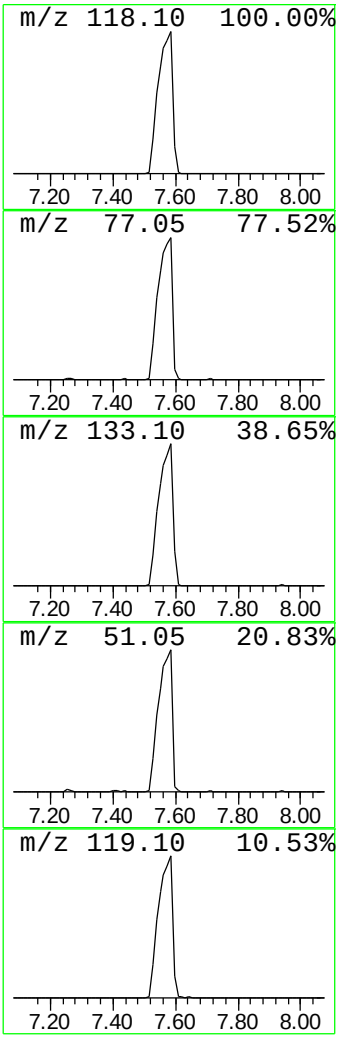
****

Peak Number 2 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	345.51 ng	19225400	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindoline	133	C9H11N	006872-06-6	43
2	Methanamine, N-(1-phenylethylide...	133	C9H11N	006907-71-7	40
3	Benzenecarboximidoyl bromide, N-...	197	C8H8BrN	041182-85-8	32
4	N-Methylbenzimidoyl chloride	153	C8H8ClN	021737-87-1	23
5	1H-Indazole	118	C7H6N2	000271-44-3	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083959.D
Acq On : 19 Dec 2015 17:25
Operator : UM/SJ
Sample : G4884-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-121715

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

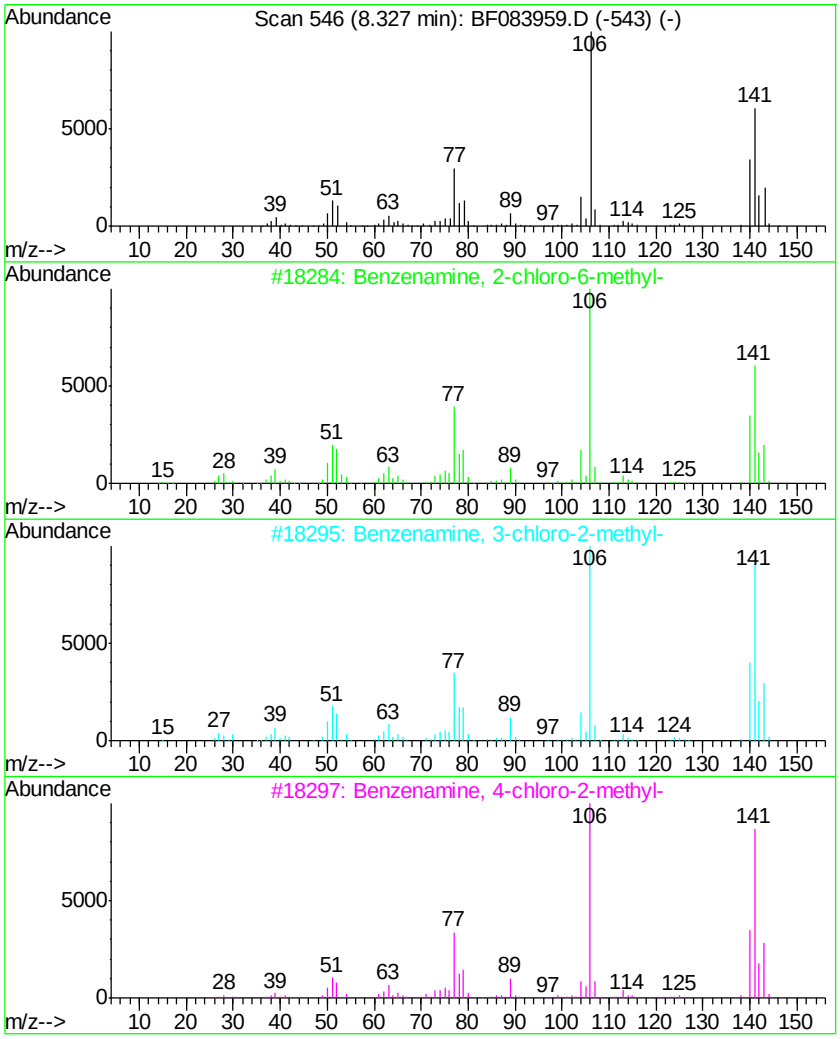
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

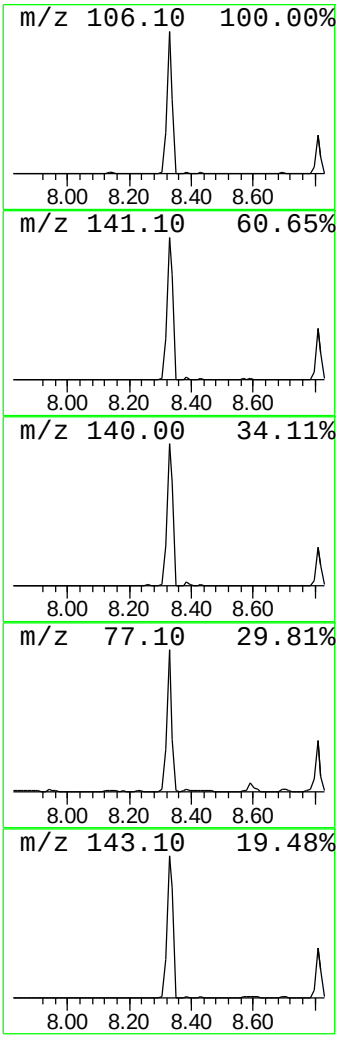
****

Peak Number 3 Benzenamine, 2-chloro-6-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	43.14 ng	2400250	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-chloro-6-methyl-	141	C7H8ClN	000087-63-8	96
2	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	96
3	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	94
4	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	94
5	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083959.D
Acq On : 19 Dec 2015 17:25
Operator : UM/SJ
Sample : G4884-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-121715

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

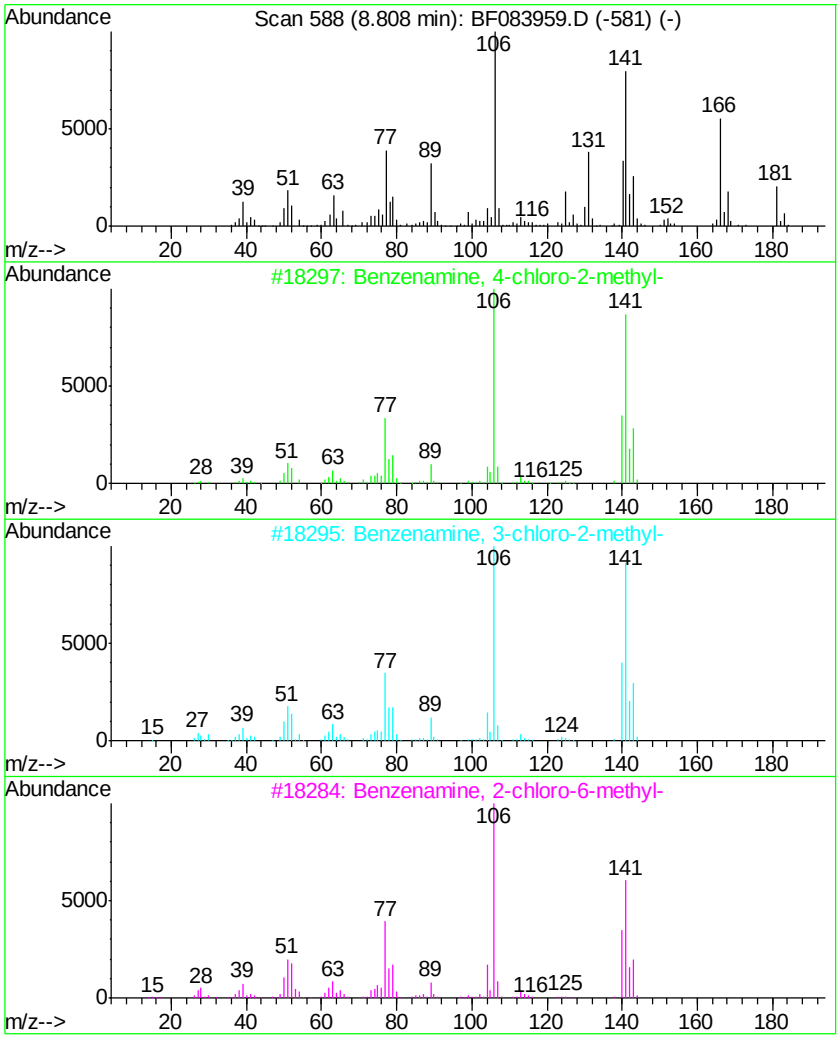
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

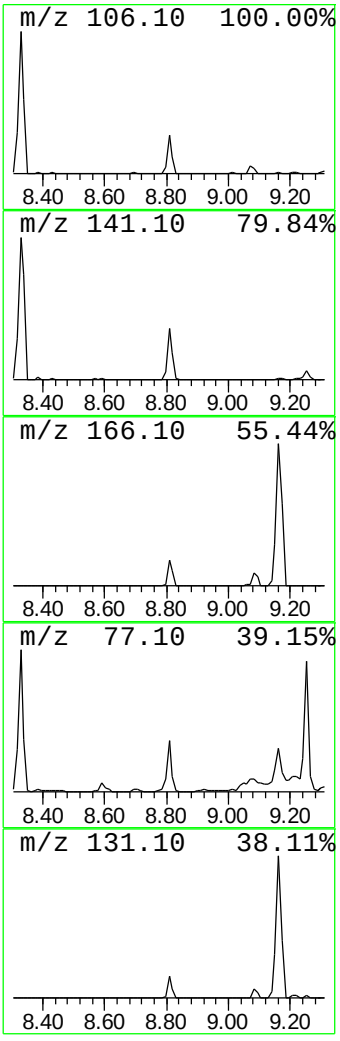
****

Peak Number 4 Benzenamine, 4-chloro-2-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	28.21 ng	1569430	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	97
2	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	89
3	Benzenamine, 2-chloro-6-methyl-	141	C7H8ClN	000087-63-8	83
4	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	83
5	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083959.D
Acq On : 19 Dec 2015 17:25
Operator : UM/SJ
Sample : G4884-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-121715

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

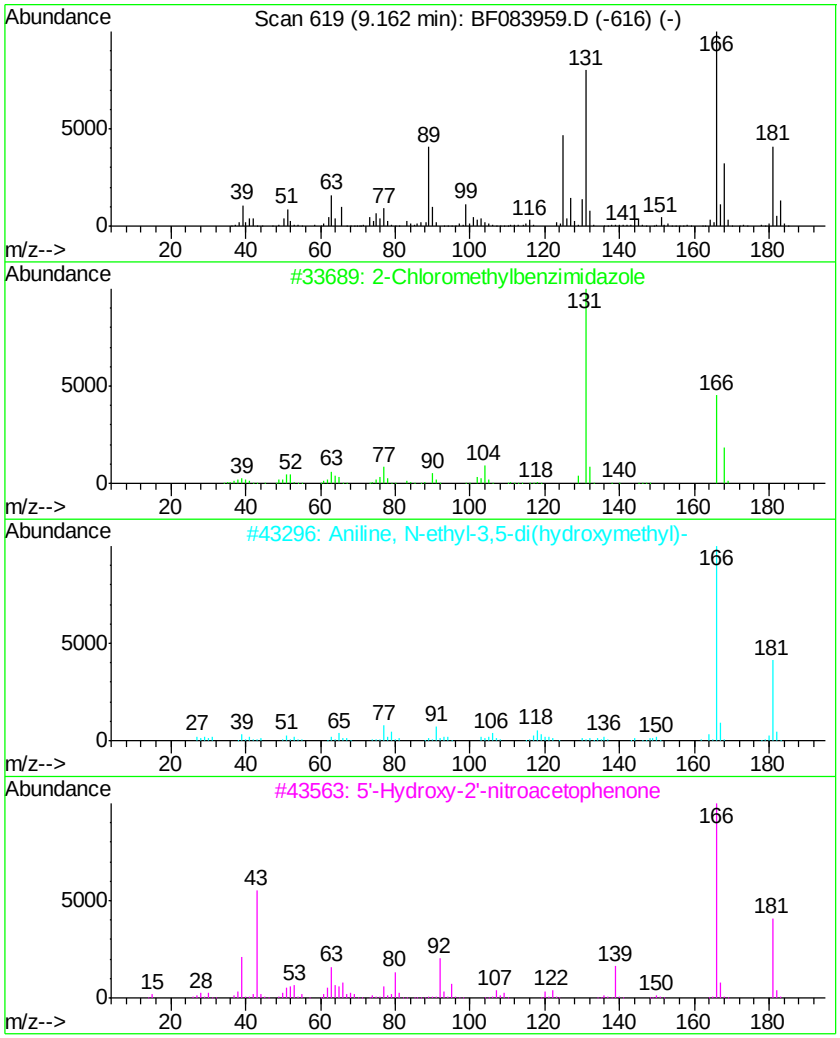
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

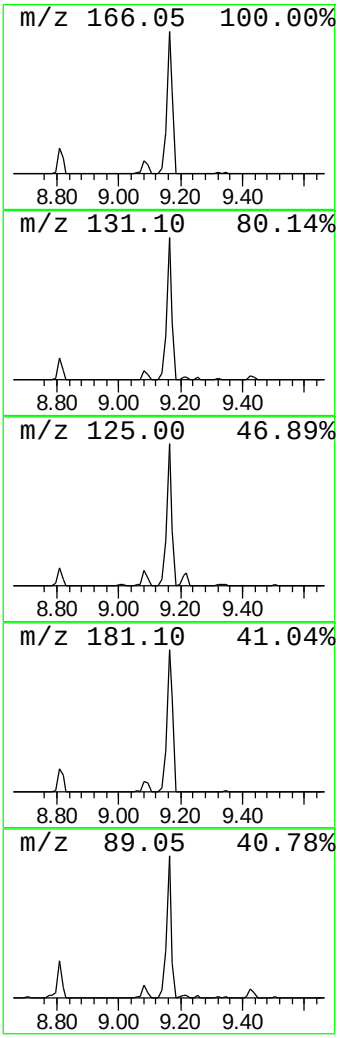
****

Peak Number 5 unknown9.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	78.67 ng	2915790	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloromethylbenzimidazole	166	C8H7ClN2	004857-04-9	27
2	Aniline, N-ethyl-3,5-di(hydroxym...	181	C10H15NO2	1000158-25-8	22
3	5'-Hydroxy-2'-nitroacetophenone	181	C8H7NO4	030879-49-3	22
4	2-Chloro-4,6-dimethylpyridine-3-...	166	C8H7ClN2	014237-71-9	18
5	1H-Benzimidazole, 5-chloro-2-met...	166	C8H7ClN2	002818-69-1	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083959.D
Acq On : 19 Dec 2015 17:25
Operator : UM/SJ
Sample : G4884-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-121715

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

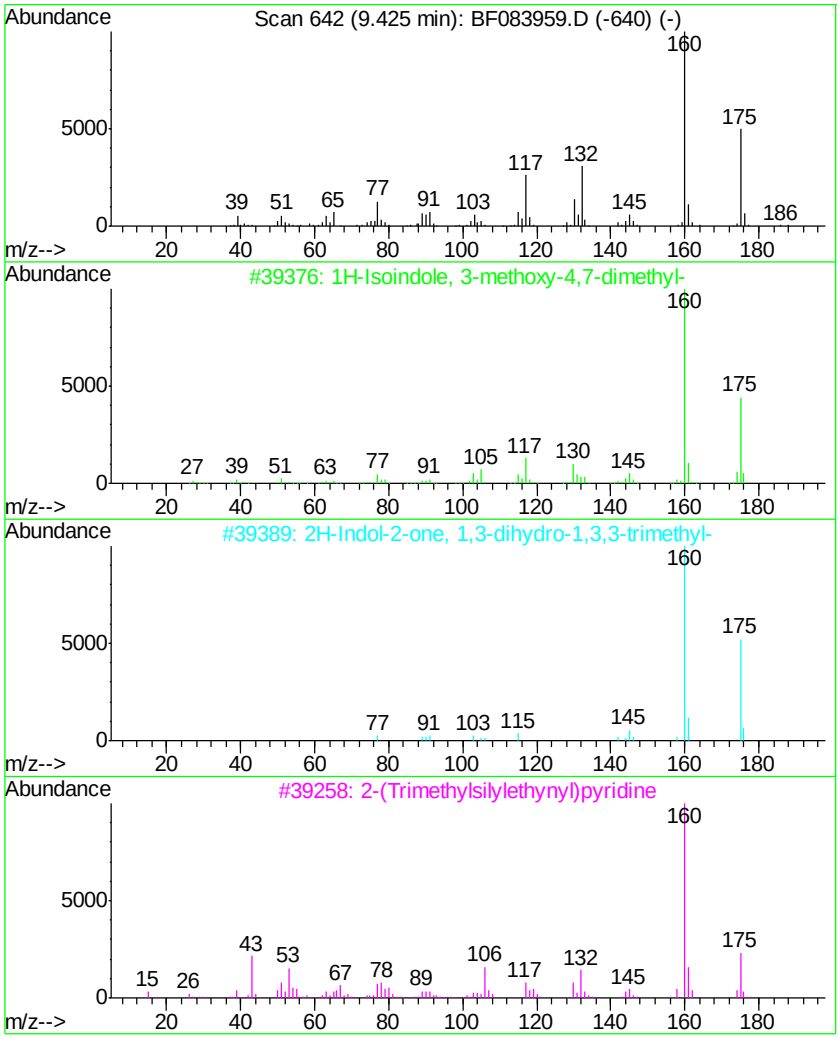
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

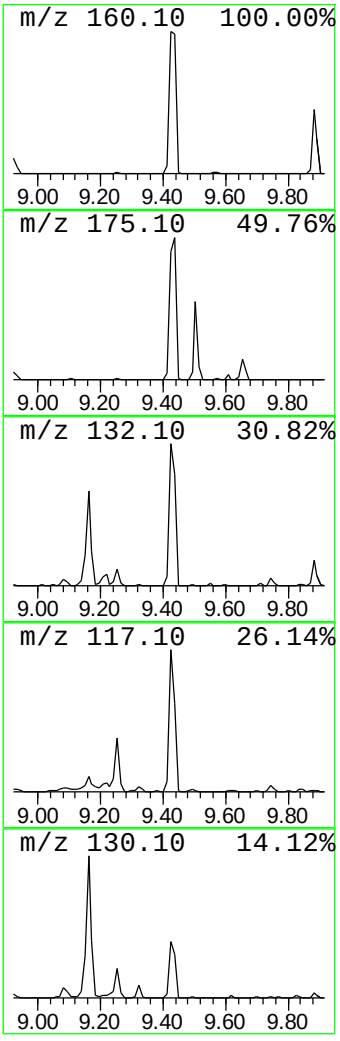
****

Peak Number 6 1H-Isoindole, 3-methoxy-4,7... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	21.28 ng	788573	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Isoindole, 3-methoxy-4,7-dime...	175	C11H13NO	100813-60-3	94
2	2H-Indol-2-one, 1,3-dihydro-1,3,...	175	C11H13NO	020200-86-6	70
3	2-(Trimethylsilylethynyl)pyridine	175	C10H13NSi	086521-05-3	59
4	1H-Isoindole-1,3(2H)-dione, N-et...	175	C10H9NO2	005022-29-7	53
5	2,3-Dimethyl-4-methoxyphenylacet...	175	C11H13NO	206559-60-6	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083959.D
Acq On : 19 Dec 2015 17:25
Operator : UM/SJ
Sample : G4884-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-121715

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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
unknown7.58	7.58	345.5	ng	19225400	2	8.13	1112870	20.0
Benzenamine, 2-ch...	8.33	43.1	ng	2400250	2	8.13	1112870	20.0
Benzenamine, 4-ch...	8.81	28.2	ng	1569430	2	8.13	1112870	20.0
unknown9.16	9.16	78.7	ng	2915790	3	9.88	741272	20.0
1H-Isoindole, 3-m...	9.42	21.3	ng	788573	3	9.88	741272	20.0