LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077667.D
Acq On : 10 Mar 2015 18:09
Operator : TP/IZ
Sample : G1466-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DCW-WW-087-3915

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : A

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.470 | 48 | 51 | 54 | rVB | 303956 | 522819 | 25.91% | 3.654% |
| 2 | 1.630 | 63 | 65 | 68 | rVV | 316678 | 447756 | 22.19% | 3.129% |
| 3 | 1.676 | 68 | 69 | 73 | rVV | 74967 | 129991 | 6.44% | 0.908% |
| 4 | 1.733 | 73 | 74 | 78 | rVV | 24904 | 33252 | 1.65% | 0.232% |
| 5 | 1.801 | 78 | 80 | 105 | rVB | 842054 | 1628954 | 80.73% | 11.384% |
| 6 | 4.944 | 354 | 355 | 361 | rBV | 47774 | 69469 | 3.44% | 0.486% |
| 7 | 5.470 | 399 | 401 | 404 | rBV | 543217 | 563157 | 27.91% | 3.936% |
| 8 | 6.750 | 510 | 513 | 515 | rBV | 246348 | 331095 | 16.41% | 2.314% |
| 9 | 6.887 | 523 | 525 | 528 | rBV | 887404 | 1171521 | 58.06% | 8.188% |
| 10 | 7.185 | 548 | 551 | 553 | rBV | 317625 | 293547 | 14.55% | 2.052% |
| 11 | 7.368 | 565 | 567 | 570 | rVB | 1365004 | 1236046 | 61.25% | 8.639% |
| 12 | 7.870 | 609 | 611 | 614 | rBV | 590186 | 790236 | 39.16% | 5.523% |
| 13 | 8.762 | 686 | 689 | 691 | rBV | 345762 | 345752 | 17.13% | 2.416% |
| 14 | 9.471 | 749 | 751 | 753 | rBV | 31198 | 30143 | 1.49% | 0.211% |
| 15 | 10.111 | 804 | 807 | 809 | rBV | 1366633 | 1751612 | 86.80% | 12.242% |
| 16 | 10.614 | 849 | 851 | 853 | rVB | 27573 | 27937 | 1.38% | 0.195% |
| 17 | 10.934 | 877 | 879 | 881 | rVB | 299090 | 390259 | 19.34% | 2.727% |
| 18 | 11.825 | 955 | 957 | 960 | rBV | 76113 | 89190 | 4.42% | 0.623% |
| 19 | 11.905 | 962 | 964 | 967 | rBV | 1050308 | 1009412 | 50.02% | 7.055% |
| 20 | 12.762 | 1037 | 1039 | 1042 | rBV | 385938 | 425346 | 21.08% | 2.973% |
| 21 | 14.763 | 1211 | 1214 | 1217 | rBV | 2041192 | 2017888 | 100.00% | 14.103% |
| 22 | 15.940 | 1314 | 1317 | 1321 | rBV2 | 16673 | 24423 | 1.21% | 0.171% |
| 23 | 16.054 | 1324 | 1327 | 1330 | rBV | 463032 | 489628 | 24.26% | 3.422% |
| 24 | 17.826 | 1479 | 1482 | 1485 | rBV | 389355 | 489098 | 24.24% | 3.418% |

Sum of corrected areas: 14308531

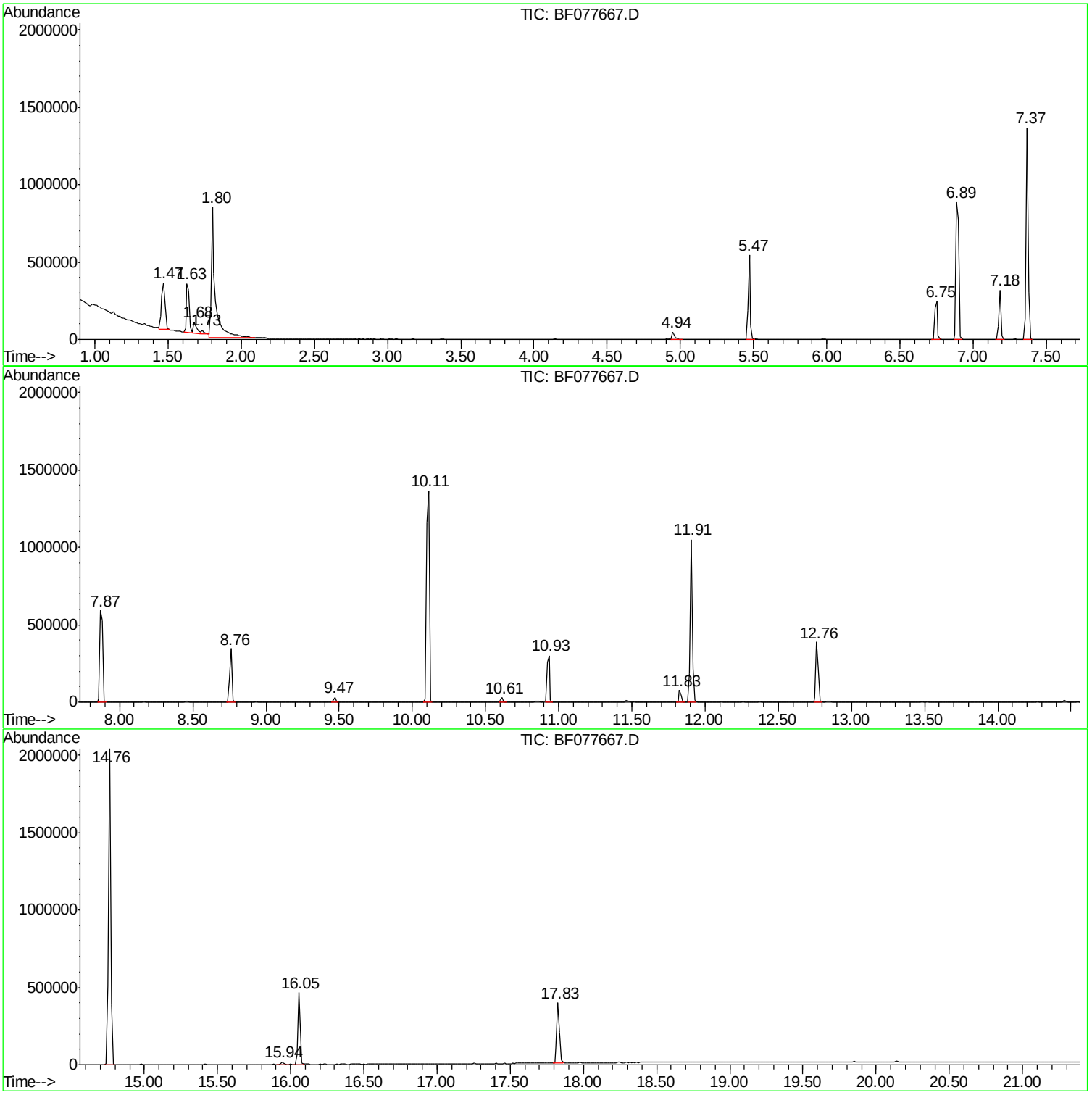
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077667.D
Acq On : 10 Mar 2015 18:09
Operator : TP/IZ
Sample : G1466-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DCW-WW-087-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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\BF031015\
Data File : BF077667.D
Acq On : 10 Mar 2015 18:09
Operator : TP/IZ
Sample : G1466-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DCW-WW-087-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

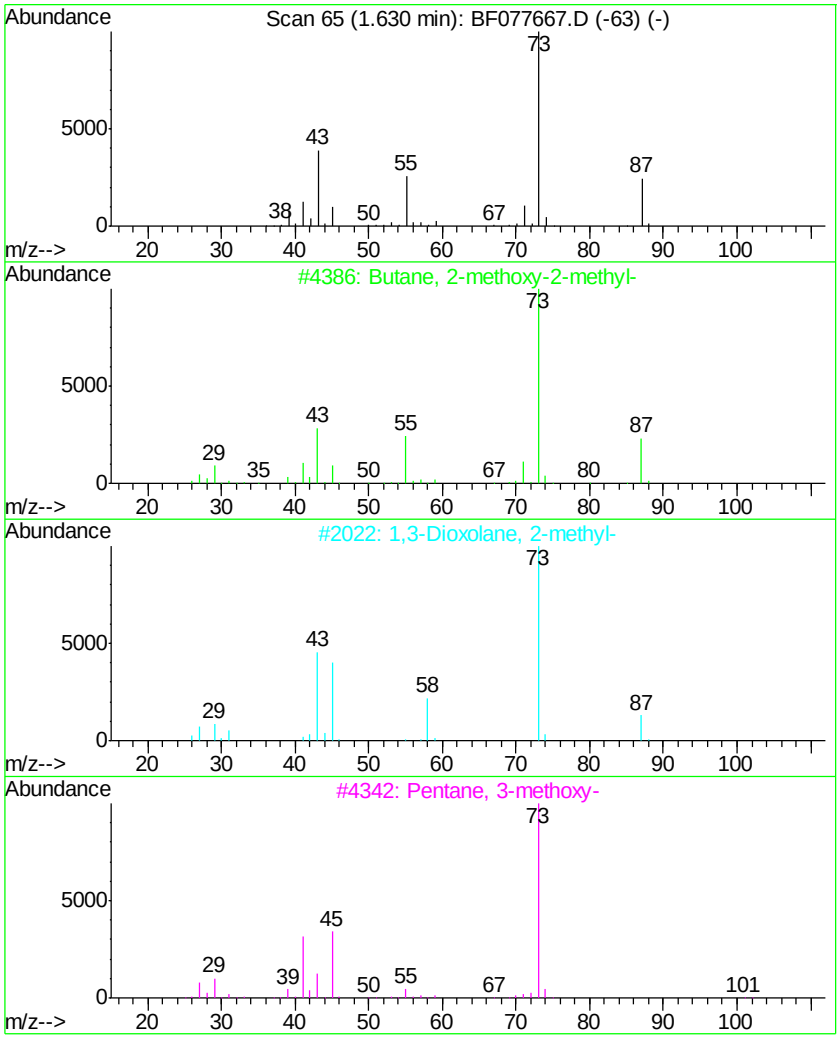
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

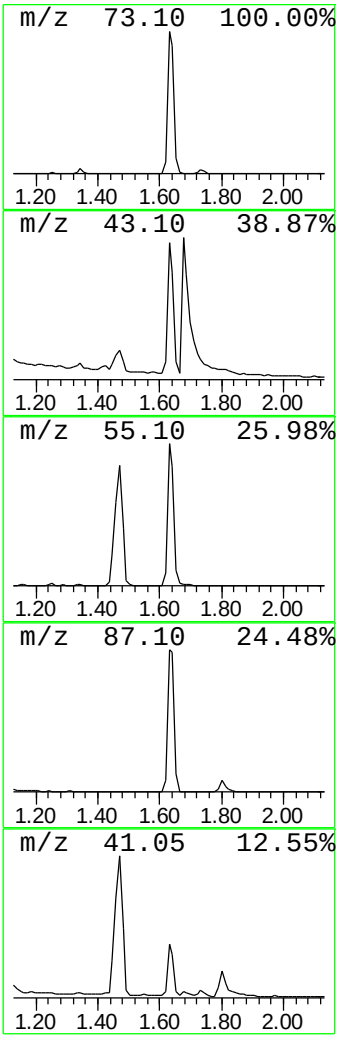
**********

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.63 | 30.51 ng | 447756 | 1,4-Dichlorobenzene-d4 | 7.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 3 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 4 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 10 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077667.D
Acq On : 10 Mar 2015 18:09
Operator : TP/IZ
Sample : G1466-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DCW-WW-087-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

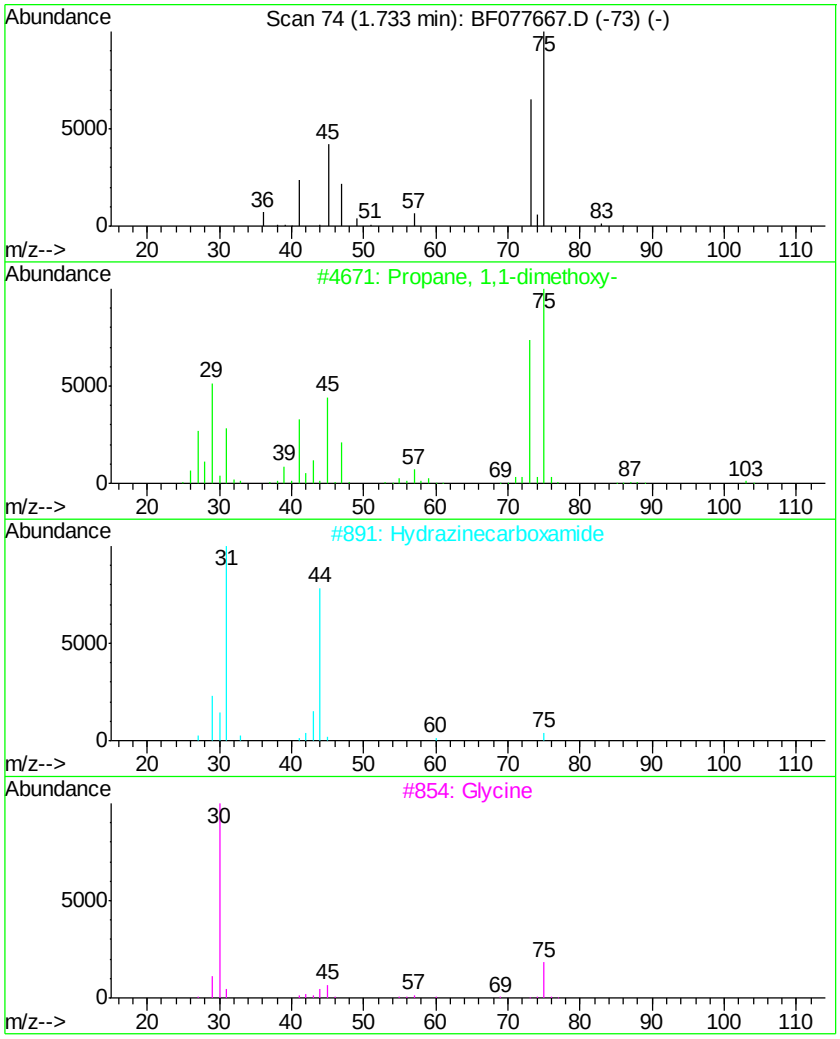
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

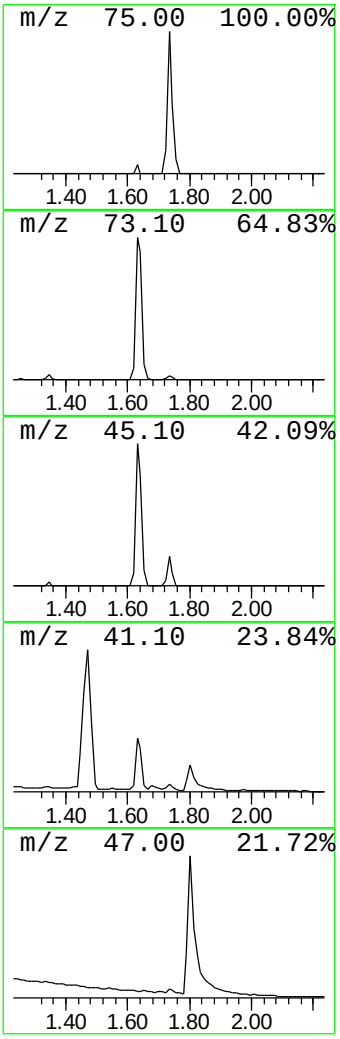
**********

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.73 | 2.27 ng | 33252 | 1,4-Dichlorobenzene-d4 | 7.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 1,1-dimethoxy- | 104 | C5H12O2 | 004744-10-9 | 78 |
| 2 | Hydrazinecarboxamide | 75 | CH5N3O | 000057-56-7 | 3 |
| 3 | Glycine | 75 | C2H5NO2 | 000056-40-6 | 3 |
| 4 | Ethanethioamide | 75 | C2H5NS | 000062-55-5 | 2 |
| 5 | 1,3-Dioxolane, 2-(chloromethyl)- | 122 | C4H7ClO2 | 002568-30-1 | 2 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077667.D
Acq On : 10 Mar 2015 18:09
Operator : TP/IZ
Sample : G1466-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DCW-WW-087-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

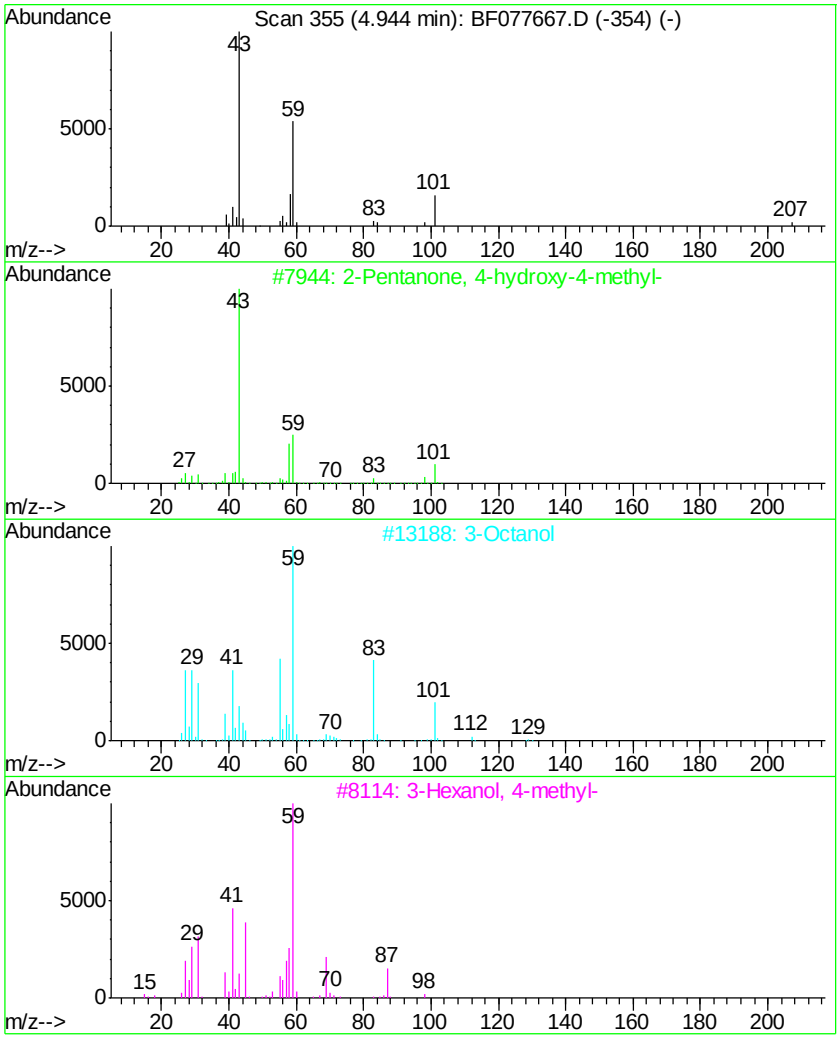
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

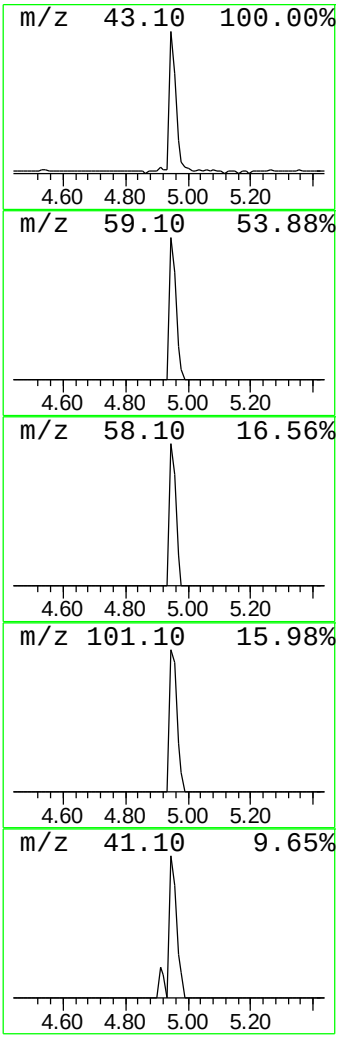
**********

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.94 | 4.73 ng | 69469 | 1,4-Dichlorobenzene-d4 | 7.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | 3-Octanol | 130 | C8H18O | 000589-98-0 | 36 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 28 |
| 4 | Diacetamide | 101 | C4H7NO2 | 000625-77-4 | 9 |
| 5 | Cycloserine | 102 | C3H6N2O2 | 000068-41-7 | 9 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077667.D
Acq On : 10 Mar 2015 18:09
Operator : TP/IZ
Sample : G1466-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DCW-WW-087-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

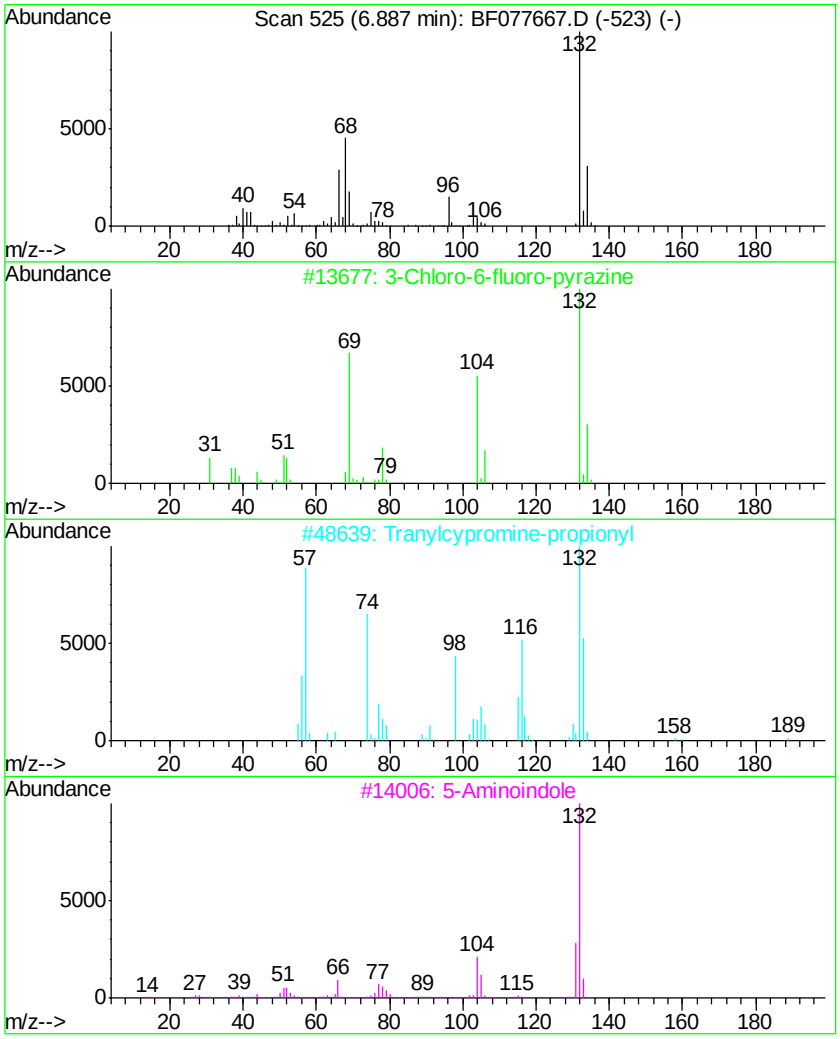
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

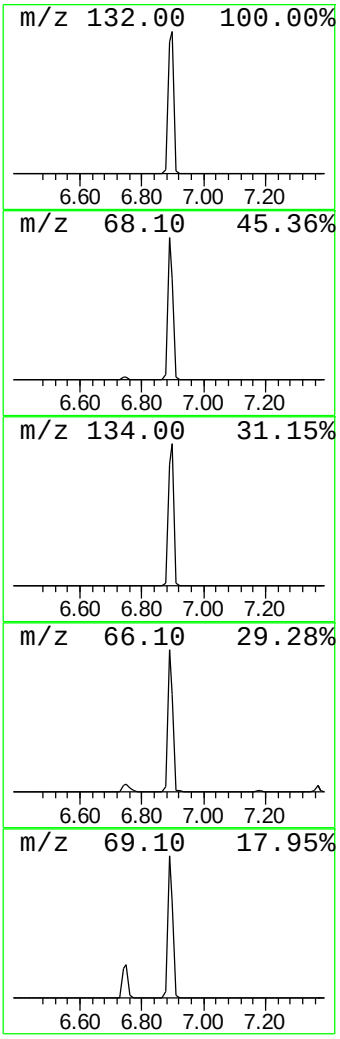
**********

Peak Number 7 unknown6.89 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.89 | 79.82 ng | 1171520 | 1,4-Dichlorobenzene-d4 | 7.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 16 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 10 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 5 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077667.D
Acq On : 10 Mar 2015 18:09
Operator : TP/IZ
Sample : G1466-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DCW-WW-087-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

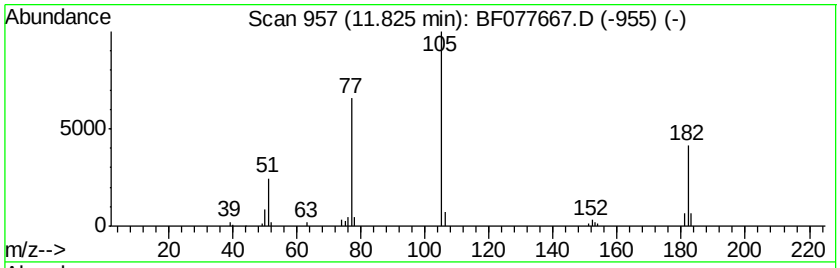
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

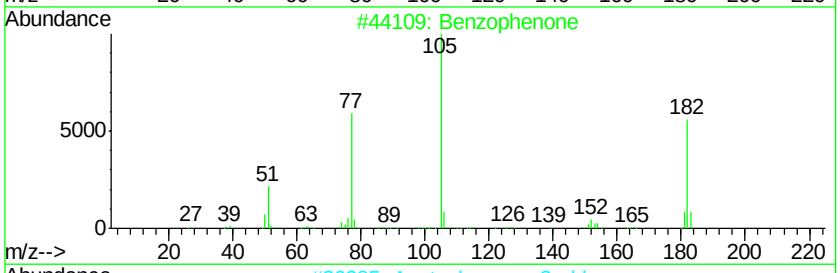
**********

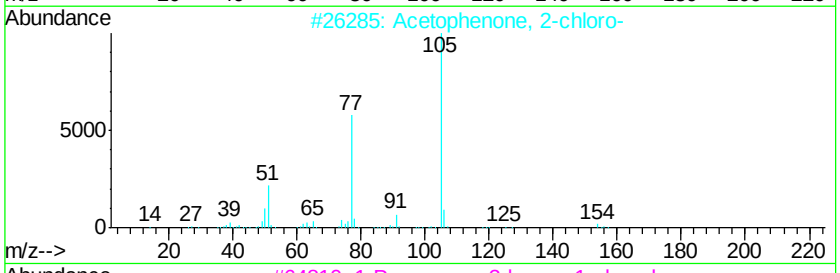
Peak Number 9 Benzophenone Concentration Rank 8

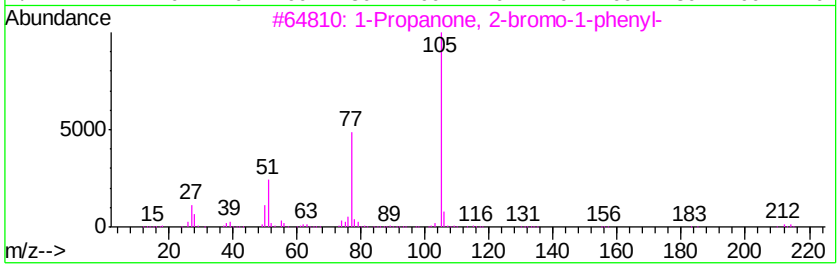
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.83 | 4.57 ng | 89190 | Acenaphthene-d10 | 10.93 |

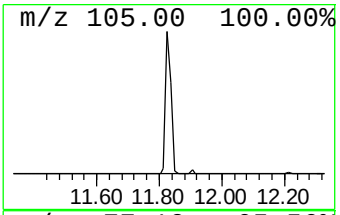
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 49 |
| 3 | 1-Propanone, 2-bromo-1-phenyl- | 212 | C9H9BrO | 002114-00-3 | 47 |
| 4 | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 47 |
| 5 | 4,5-Diphenyloxazolin-2(3H)-one | 237 | C15H11NO2 | 005014-83-5 | 47 |

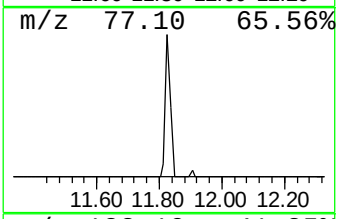


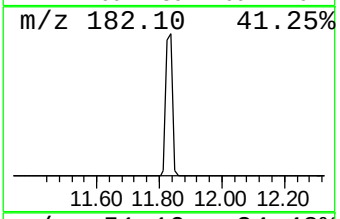



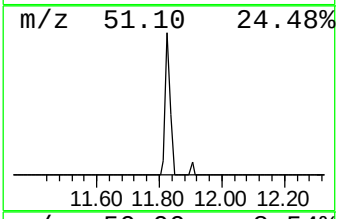



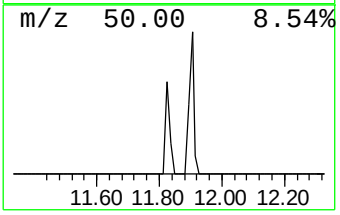



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
Data File : BF077667.D
Acq On : 10 Mar 2015 18:09
Operator : TP/IZ
Sample : G1466-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DCW-WW-087-3915

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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 |
| Butane, 2-methoxy... | 1.63 | 30.5 | ng | 447756 | 1 | 7.18 | 293547 | 20.0 |
| Propane, 1,1-dime... | 1.73 | 2.3 | ng | 33252 | 1 | 7.18 | 293547 | 20.0 |
| 2-Pentanone, 4-hy... | 4.94 | 4.7 | ng | 69469 | 1 | 7.18 | 293547 | 20.0 |
| unknown6.89 | 6.89 | 79.8 | ng | 1171520 | 1 | 7.18 | 293547 | 20.0 |
| Benzophenone | 11.83 | 4.6 | ng | 89190 | 3 | 10.93 | 390259 | 20.0 |