LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078373.D
Acq On : 9 Apr 2015 22:12
Operator : TP/IZ
Sample : G1782-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB07(2)

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-BF040115.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 | 1.058 | 13 | 15 | 17 | rBV | 32408 | 32273 | 3.31% | 0.496% |
| 2 | 1.173 | 21 | 25 | 27 | rVB | 94623 | 138107 | 14.16% | 2.122% |
| 3 | 1.310 | 35 | 37 | 40 | rVB | 32470 | 36644 | 3.76% | 0.563% |
| 4 | 1.630 | 64 | 65 | 78 | rBV | 46615 | 104659 | 10.73% | 1.608% |
| 5 | 4.567 | 320 | 322 | 330 | rBB | 22923 | 32277 | 3.31% | 0.496% |
| 6 | 5.150 | 371 | 373 | 381 | rBV | 178129 | 252066 | 25.84% | 3.873% |
| 7 | 6.476 | 487 | 489 | 497 | rBV | 279268 | 319761 | 32.78% | 4.913% |
| 8 | 6.602 | 497 | 500 | 502 | rBV | 209145 | 291241 | 29.86% | 4.475% |
| 9 | 6.887 | 523 | 525 | 527 | rBV | 217506 | 264278 | 27.09% | 4.060% |
| 10 | 7.070 | 539 | 541 | 543 | rBV | 202690 | 204555 | 20.97% | 3.143% |
| 11 | 7.585 | 584 | 586 | 588 | rBV | 203851 | 190352 | 19.51% | 2.925% |
| 12 | 8.465 | 660 | 663 | 665 | rBV | 376167 | 386587 | 39.63% | 5.940% |
| 13 | 9.813 | 778 | 781 | 783 | rBV | 530504 | 582059 | 59.67% | 8.943% |
| 14 | 10.328 | 824 | 826 | 828 | rBB | 48220 | 66215 | 6.79% | 1.017% |
| 15 | 10.625 | 849 | 852 | 854 | rBV | 403251 | 465270 | 47.70% | 7.149% |
| 16 | 11.528 | 929 | 931 | 933 | rBB | 13972 | 14616 | 1.50% | 0.225% |
| 17 | 11.596 | 935 | 937 | 940 | rBV | 443189 | 432411 | 44.33% | 6.644% |
| 18 | 12.442 | 1009 | 1011 | 1014 | rBV | 430184 | 478503 | 49.05% | 7.352% |
| 19 | 14.442 | 1183 | 1186 | 1188 | rBV | 857401 | 975476 | 100.00% | 14.988% |
| 20 | 15.631 | 1287 | 1290 | 1295 | rBV | 70871 | 127722 | 13.09% | 1.962% |
| 21 | 15.711 | 1295 | 1297 | 1300 | rVB | 498306 | 511936 | 52.48% | 7.866% |
| 22 | 16.465 | 1360 | 1363 | 1365 | rBV3 | 5934 | 12091 | 1.24% | 0.186% |
| 23 | 16.934 | 1402 | 1404 | 1407 | rVB | 11884 | 17598 | 1.80% | 0.270% |
| 24 | 17.483 | 1449 | 1452 | 1455 | rBV | 385440 | 491174 | 50.35% | 7.547% |
| 25 | 17.677 | 1466 | 1469 | 1472 | rVB3 | 7482 | 13888 | 1.42% | 0.213% |
| 26 | 17.746 | 1472 | 1475 | 1476 | rBV3 | 6133 | 12305 | 1.26% | 0.189% |
| 27 | 18.123 | 1506 | 1508 | 1512 | rVB4 | 11548 | 24507 | 2.51% | 0.377% |
| 28 | 18.511 | 1539 | 1542 | 1547 | rBV6 | 11668 | 29981 | 3.07% | 0.461% |

Sum of corrected areas: 6508552

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078373.D
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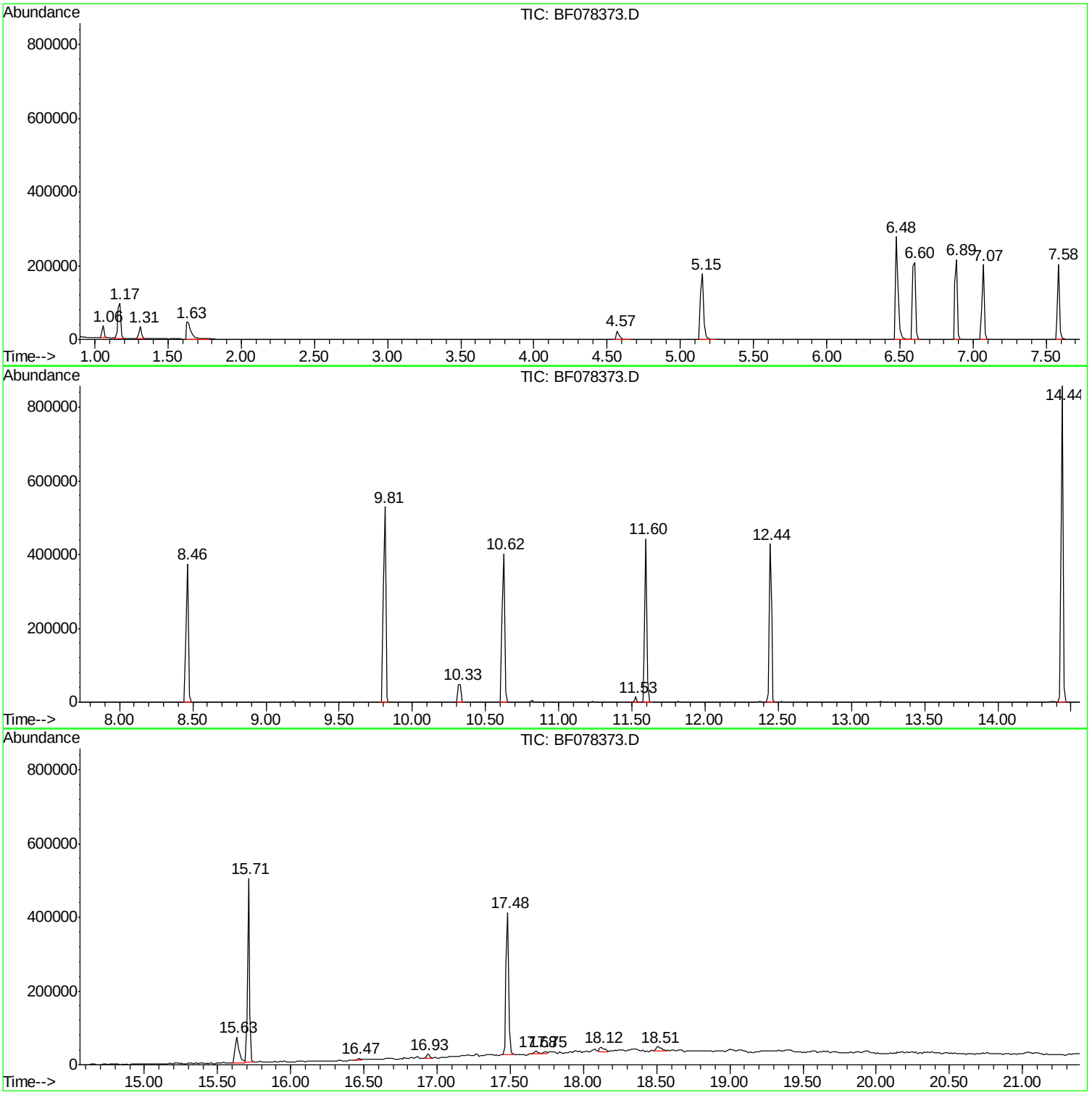
Operator : TP/IZ
Sample : G1782-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB07(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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\BF040915\
Data File : BF078373.D
Acq On : 9 Apr 2015 22:12
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Sample : G1782-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB07(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

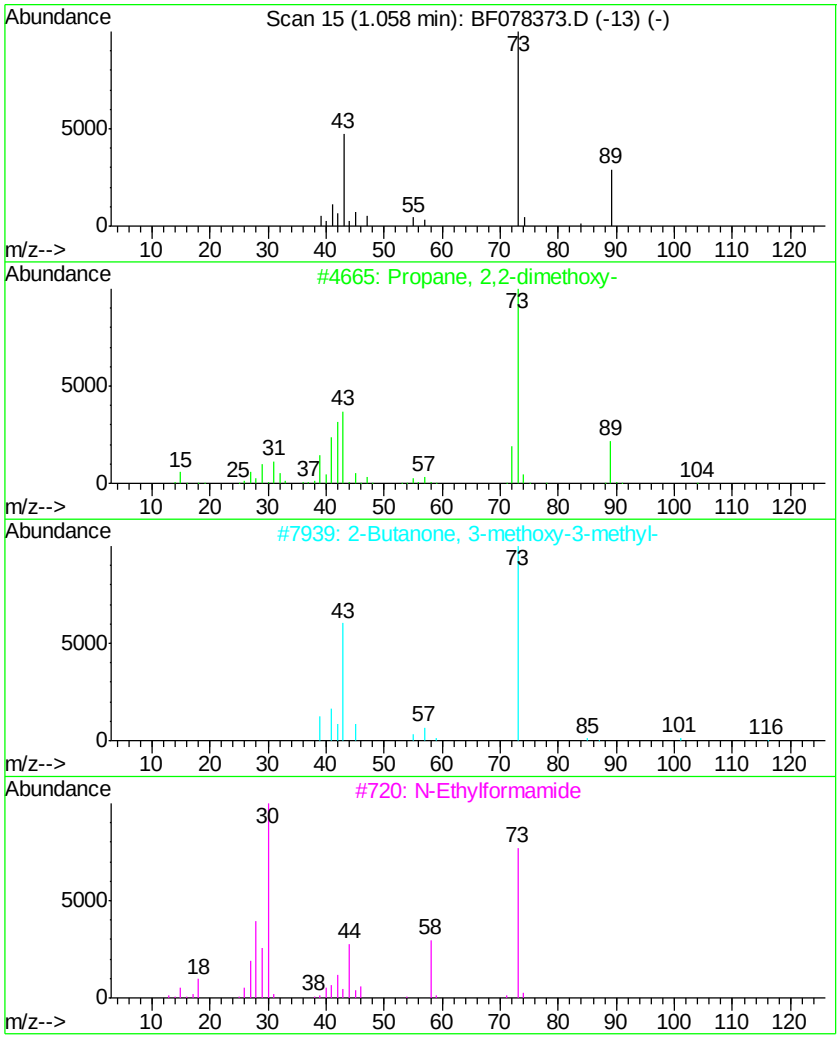
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

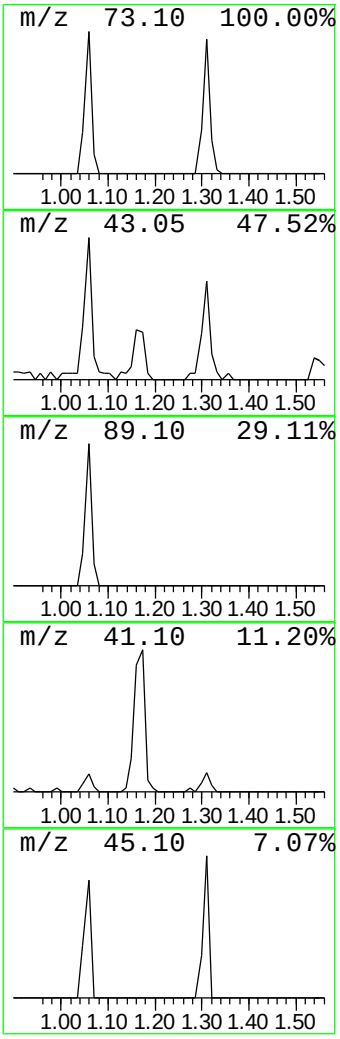
**********

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.06 | 2.44 ng | 32273 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 2,2-dimethoxy- | 104 | C5H12O2 | 000077-76-9 | 78 |
| 2 | 2-Butanone, 3-methoxy-3-methyl- | 116 | C6H12O2 | 036687-98-6 | 9 |
| 3 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 5 |
| 4 | 1,3-Dioxolane | 74 | C3H6O2 | 000646-06-0 | 4 |
| 5 | Formamide, N,N-dimethyl- | 73 | C3H7NO | 000068-12-2 | 4 |



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Data File : BF078373.D
Acq On : 9 Apr 2015 22:12
Operator : TP/IZ
Sample : G1782-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB07(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

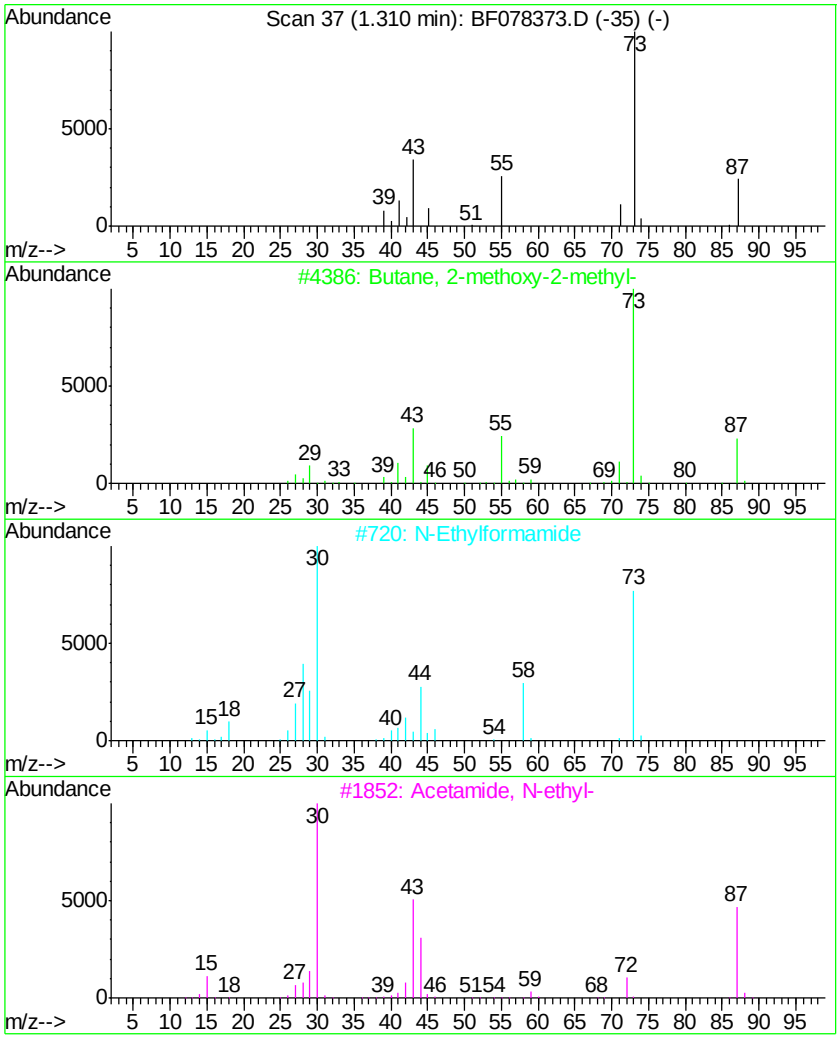
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

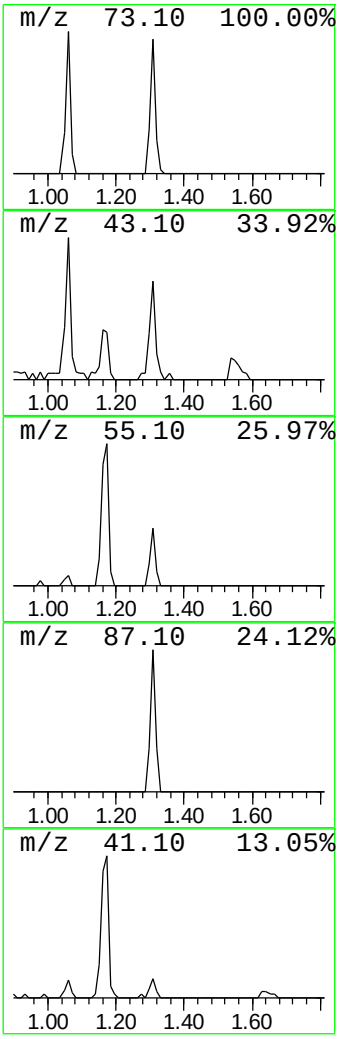
**********

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.31 | 2.77 ng | 36644 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 5 |
| 3 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 5 |
| 4 | 1-Propene-1-thiol | 74 | C3H6S | 000925-89-3 | 4 |
| 5 | Propane, 2-methoxy-2-methyl- | 88 | C5H12O | 001634-04-4 | 4 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078373.D
Acq On : 9 Apr 2015 22:12
Operator : TP/IZ
Sample : G1782-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB07(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

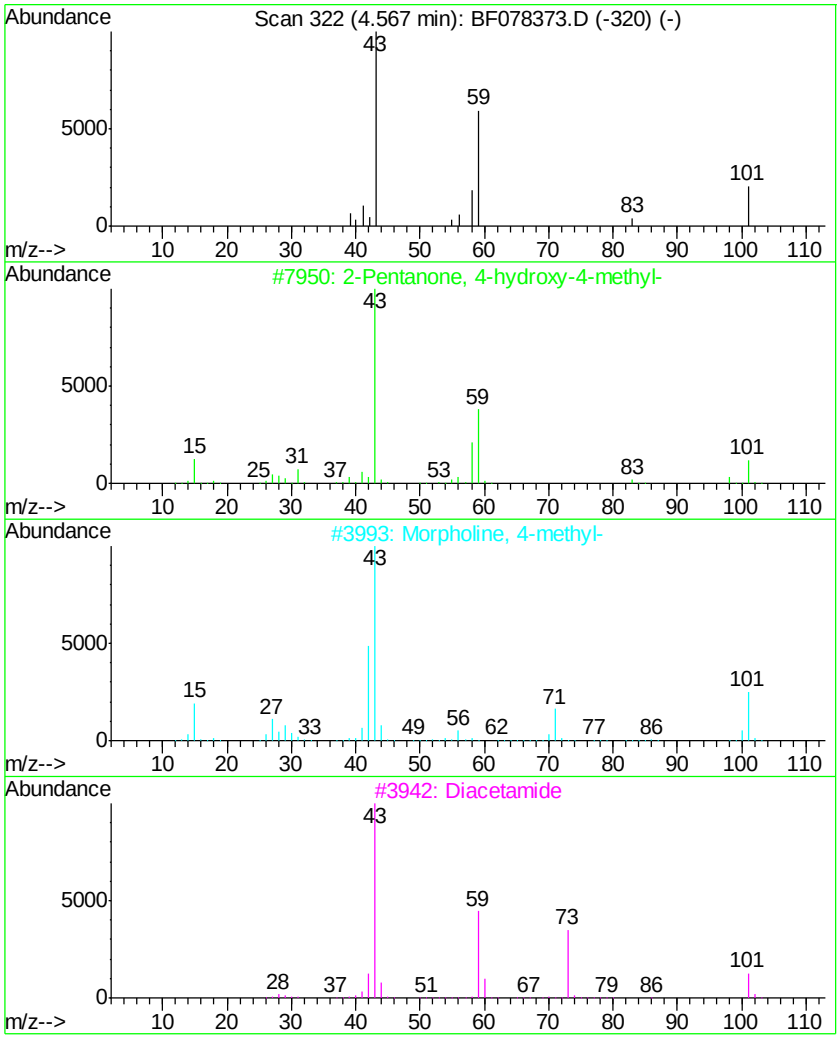
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

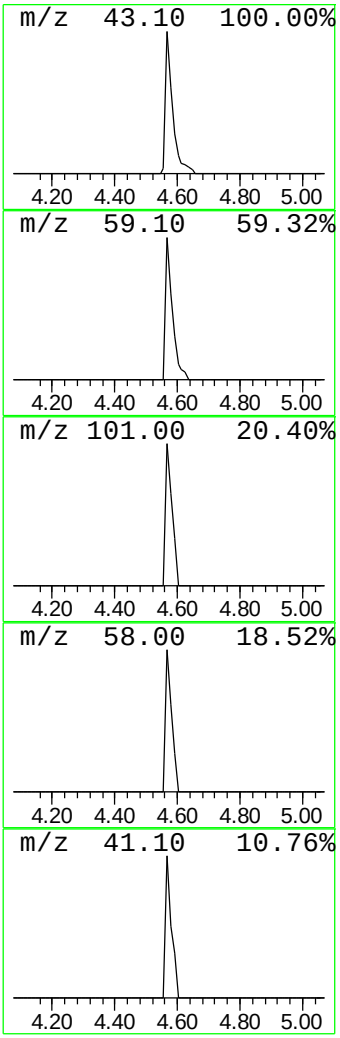
**********

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.57 | 2.44 ng | 32277 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 78 |
| 2 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 5 |
| 3 | Diacetamide | 101 | C4H7NO2 | 000625-77-4 | 5 |
| 4 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 4 |
| 5 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 4 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078373.D
Acq On : 9 Apr 2015 22:12
Operator : TP/IZ
Sample : G1782-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB07(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

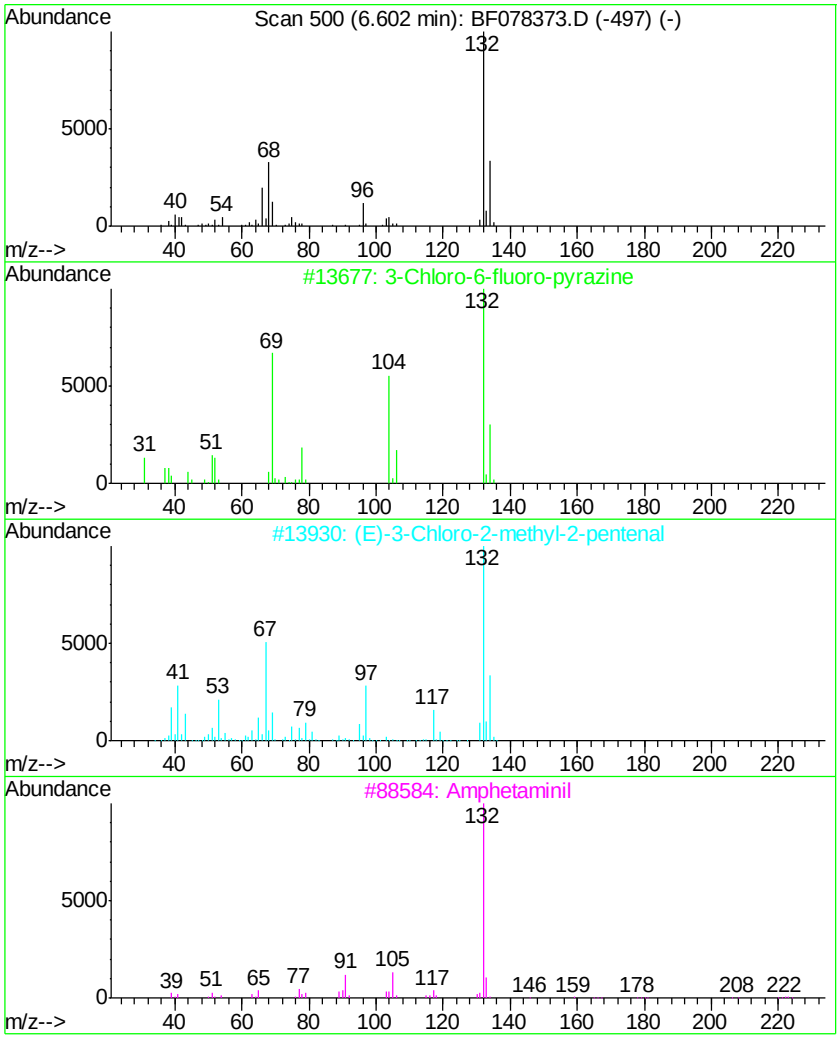
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

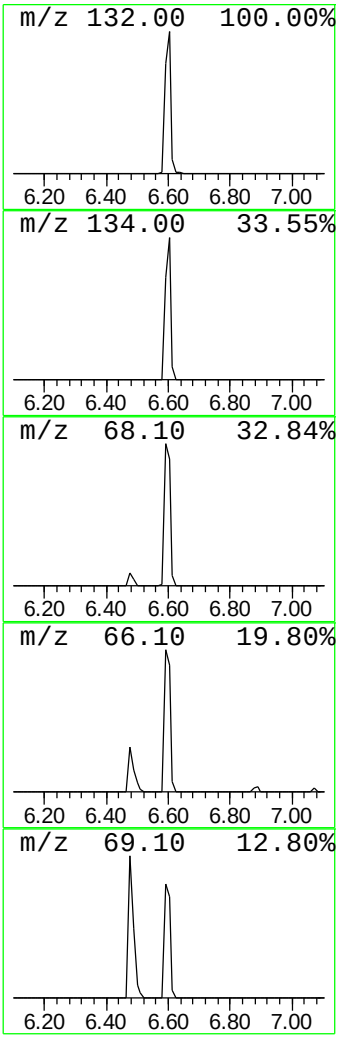
**********

Peak Number 6 unknown6.60 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.60 | 22.04 ng | 291241 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 35 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 25 |
| 3 | Amphetaminil | 250 | C17H18N2 | 017590-01-1 | 12 |
| 4 | 1-Aminoindan | 133 | C9H11N | 034698-41-4 | 9 |
| 5 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |



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Sample : G1782-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB07(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

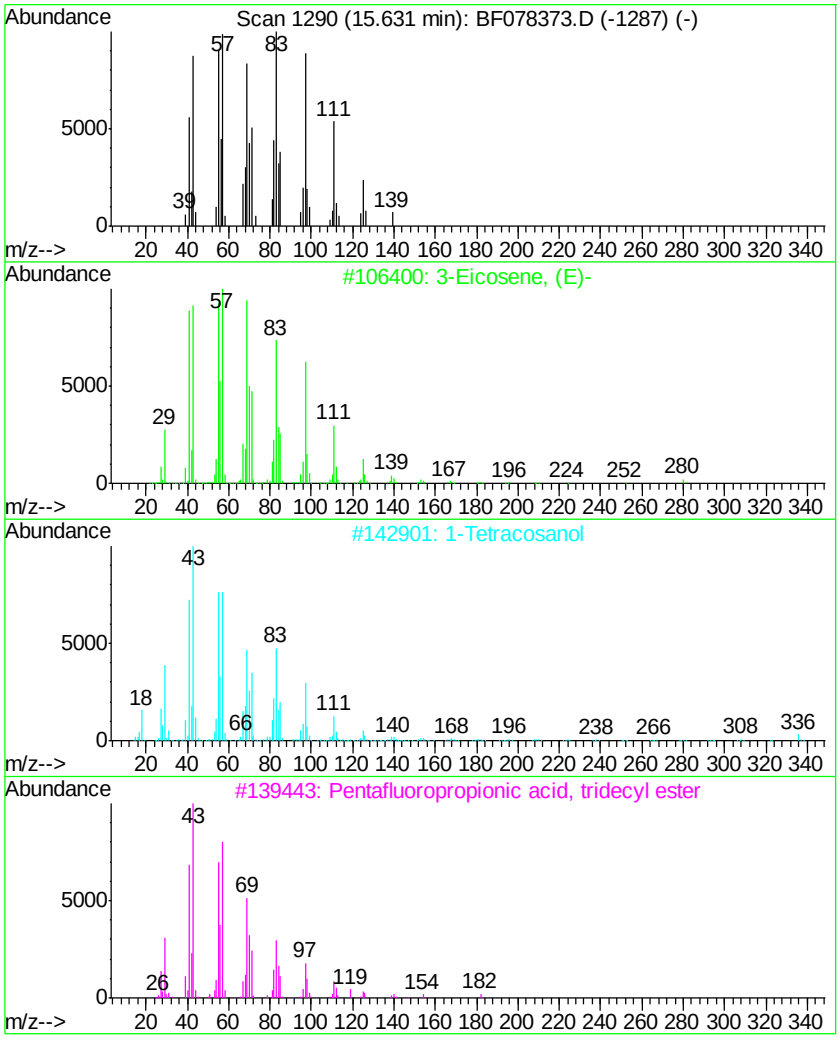
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

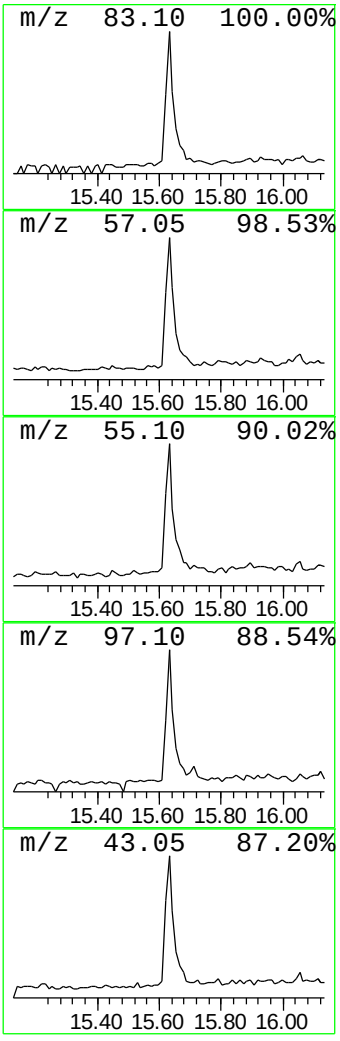
**********

Peak Number 8 3-Eicosene, (E)- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.63 | 4.99 ng | 127722 | Chrysene-d12 | 15.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 90 |
| 2 | 1-Tetracosanol | 354 | C24H50O | 000506-51-4 | 86 |
| 3 | Pentafluoropropionic acid, tride... | 346 | C16H27F5O2 | 1000280-07-3 | 86 |
| 4 | 1-Hexacosanol | 382 | C26H54O | 000506-52-5 | 83 |
| 5 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 76 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
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ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB07(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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 |
| Propane, 2,2-dime... | 1.06 | 2.4 | ng | 32273 | 1 | 6.89 | 264278 | 20.0 |
| Butane, 2-methoxy... | 1.31 | 2.8 | ng | 36644 | 1 | 6.89 | 264278 | 20.0 |
| 2-Pentanone, 4-hy... | 4.57 | 2.4 | ng | 32277 | 1 | 6.89 | 264278 | 20.0 |
| unknown6.60 | 6.60 | 22.0 | ng | 291241 | 1 | 6.89 | 264278 | 20.0 |
| 3-Eicosene, (E)- | 15.63 | 5.0 | ng | 127722 | 5 | 15.71 | 511936 | 20.0 |