LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

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-BF060716.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 | 1.724 | 10 | 12 | 13 | rBV | 267439 | 374054 | 5.87% | 1.206% |
| 2 | 1.850 | 21 | 23 | 26 | rBV | 660404 | 1275598 | 20.02% | 4.113% |
| 3 | 2.547 | 82 | 84 | 88 | rVB | 76994 | 98780 | 1.55% | 0.319% |
| 4 | 3.290 | 145 | 149 | 153 | rBV | 143657 | 266004 | 4.17% | 0.858% |
| 5 | 4.330 | 234 | 240 | 243 | rBV | 2589176 | 6372385 | 100.00% | 20.547% |
| 6 | 4.970 | 293 | 296 | 305 | rVB | 173915 | 322898 | 5.07% | 1.041% |
| 7 | 5.393 | 330 | 333 | 335 | rBV | 1841124 | 2300761 | 36.11% | 7.419% |
| 8 | 6.422 | 421 | 423 | 426 | rBV | 1637108 | 1945575 | 30.53% | 6.273% |
| 9 | 6.559 | 432 | 435 | 437 | rBV | 1708534 | 2409848 | 37.82% | 7.770% |
| 10 | 6.787 | 452 | 455 | 457 | rBV | 426804 | 583136 | 9.15% | 1.880% |
| 11 | 6.936 | 466 | 468 | 471 | rVB | 1820613 | 1849904 | 29.03% | 5.965% |
| 12 | 7.302 | 497 | 500 | 501 | rVB | 52495 | 65078 | 1.02% | 0.210% |
| 13 | 7.348 | 501 | 504 | 507 | rBV | 1394565 | 1412092 | 22.16% | 4.553% |
| 14 | 8.068 | 565 | 567 | 571 | rBV2 | 975921 | 1452038 | 22.79% | 4.682% |
| 15 | 9.153 | 659 | 662 | 664 | rBV | 2602112 | 2947868 | 46.26% | 9.505% |
| 16 | 9.828 | 718 | 721 | 722 | rBV | 548677 | 762485 | 11.97% | 2.459% |
| 17 | 10.605 | 787 | 789 | 792 | rBV2 | 1009446 | 1355437 | 21.27% | 4.370% |
| 18 | 11.302 | 848 | 850 | 852 | rBV | 824185 | 699093 | 10.97% | 2.254% |
| 19 | 12.022 | 910 | 913 | 915 | rBV | 117228 | 171362 | 2.69% | 0.553% |
| 20 | 12.719 | 971 | 974 | 976 | rBV | 501533 | 409951 | 6.43% | 1.322% |
| 21 | 12.799 | 976 | 981 | 983 | rVB2 | 45537 | 77637 | 1.22% | 0.250% |
| 22 | 12.891 | 986 | 989 | 991 | rBV | 2239231 | 2128098 | 33.40% | 6.862% |
| 23 | 13.417 | 1033 | 1035 | 1038 | rBV2 | 201260 | 261051 | 4.10% | 0.842% |
| 24 | 13.474 | 1038 | 1040 | 1043 | rVB | 33046 | 72572 | 1.14% | 0.234% |
| 25 | 13.931 | 1078 | 1080 | 1083 | rBV | 671384 | 658598 | 10.34% | 2.124% |
| 26 | 14.114 | 1093 | 1096 | 1098 | rBV | 73966 | 68150 | 1.07% | 0.220% |
| 27 | 14.708 | 1146 | 1148 | 1151 | rBV | 68542 | 70677 | 1.11% | 0.228% |
| 28 | 15.337 | 1201 | 1203 | 1205 | rBV | 314017 | 433094 | 6.80% | 1.396% |
| 29 | 15.383 | 1205 | 1207 | 1211 | rVB | 56151 | 71458 | 1.12% | 0.230% |
| 30 | 16.023 | 1258 | 1263 | 1266 | rBV | 55931 | 97815 | 1.53% | 0.315% |

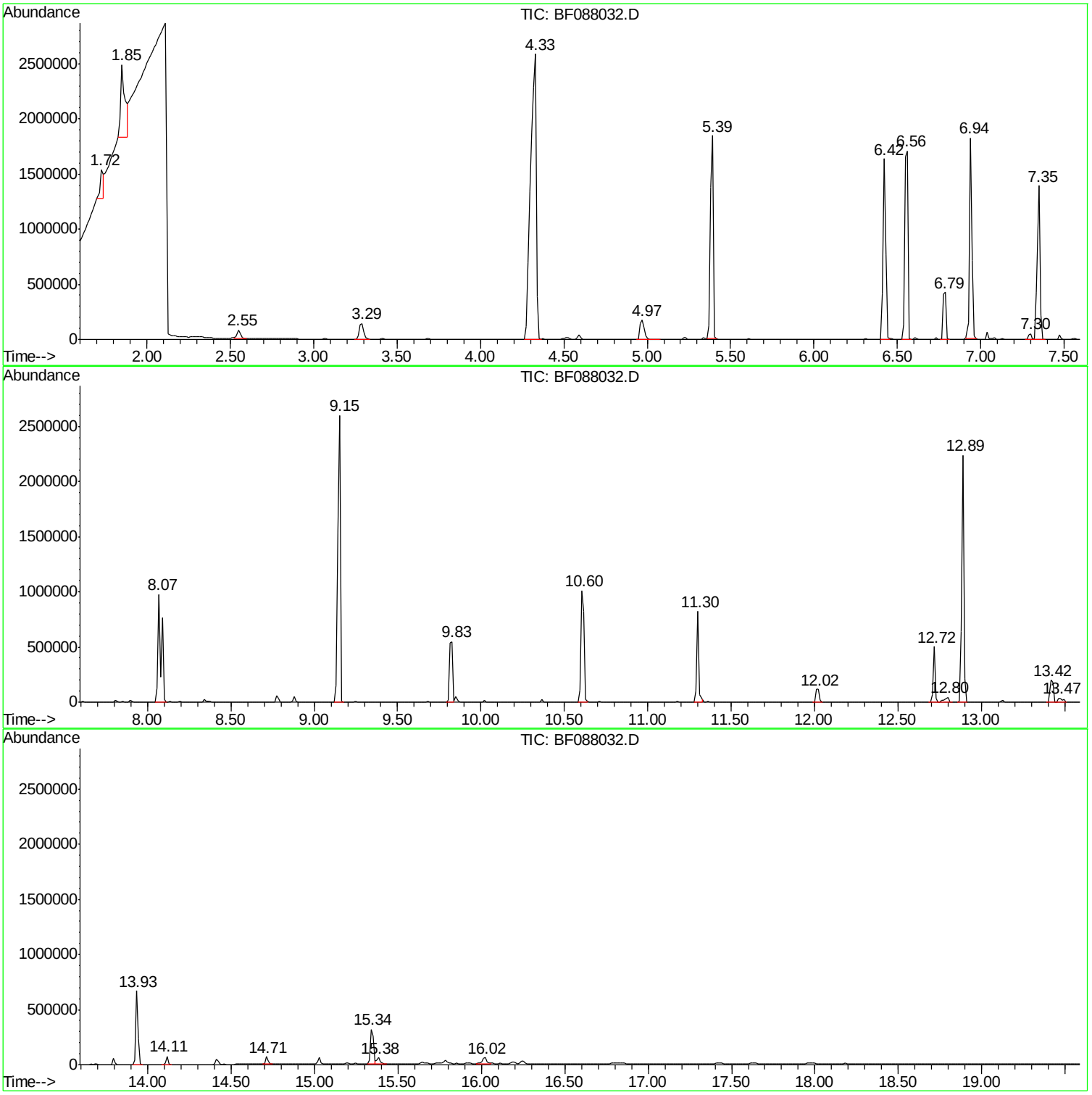
Sum of corrected areas: 31013497

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

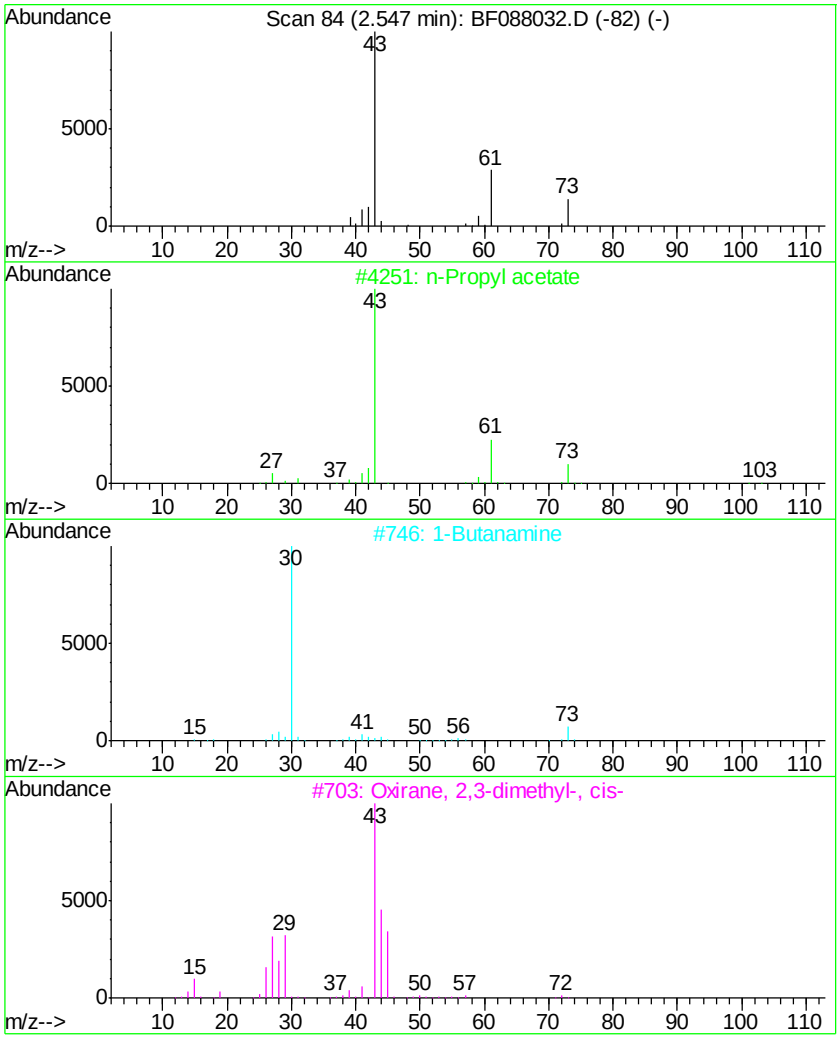
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

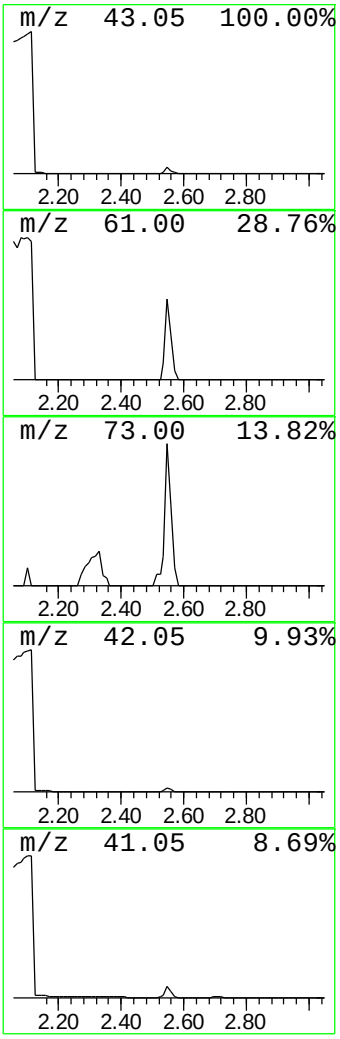
**********

Peak Number 3 n-Propyl acetate Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.55 | 3.39 ng | 98780 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 83 |
| 2 | 1-Butanamine | 73 | C4H11N | 000109-73-9 | 7 |
| 3 | Oxirane, 2,3-dimethyl-, cis- | 72 | C4H8O | 001758-33-4 | 7 |
| 4 | Isobutylamine | 73 | C4H11N | 000078-81-9 | 5 |
| 5 | Acetic acid, pentyl ester | 130 | C7H14O2 | 000628-63-7 | 4 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

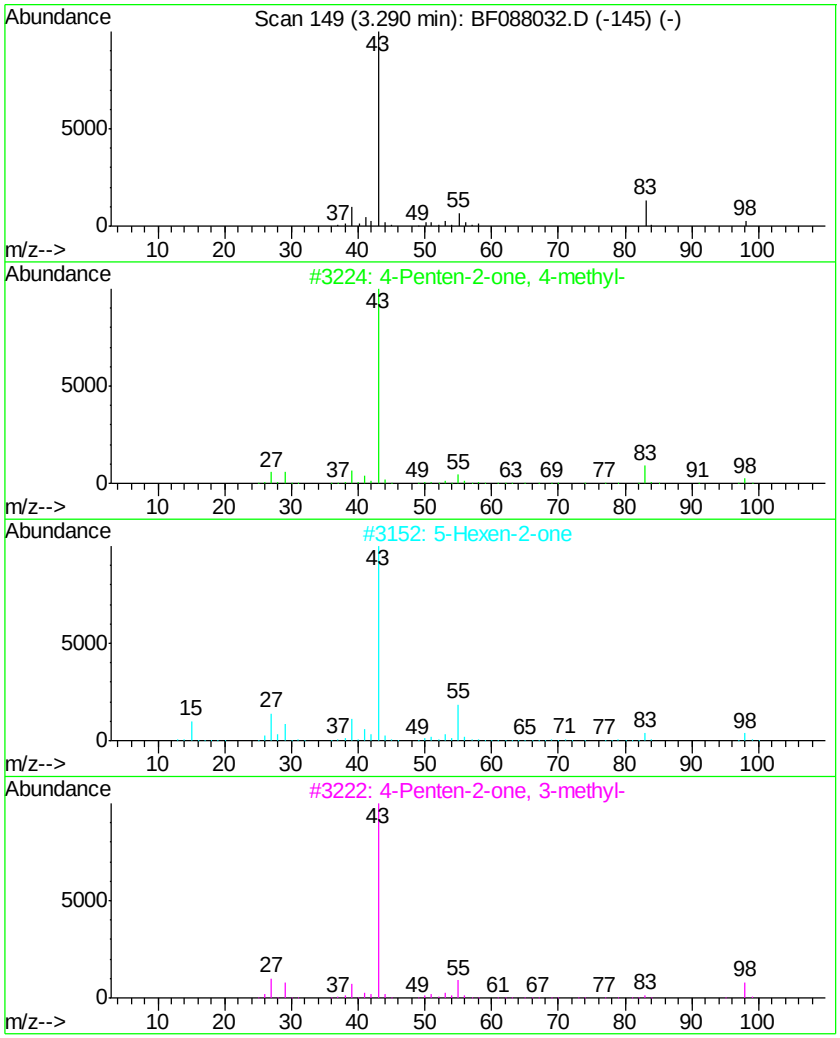
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

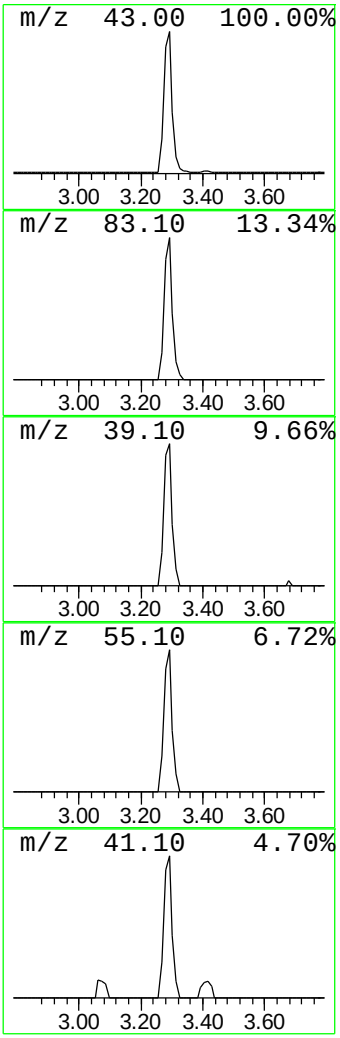
**********

Peak Number 4 4-Penten-2-one, 4-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.29 | 9.12 ng | 266004 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Penten-2-one, 4-methyl- | 98 | C6H10O | 003744-02-3 | 86 |
| 2 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 50 |
| 3 | 4-Penten-2-one, 3-methyl- | 98 | C6H10O | 000758-87-2 | 38 |
| 4 | 2-Pentanone, 3-methylene- | 98 | C6H10O | 004359-77-7 | 23 |
| 5 | 4-Hexen-2-one | 98 | C6H10O | 025659-22-7 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

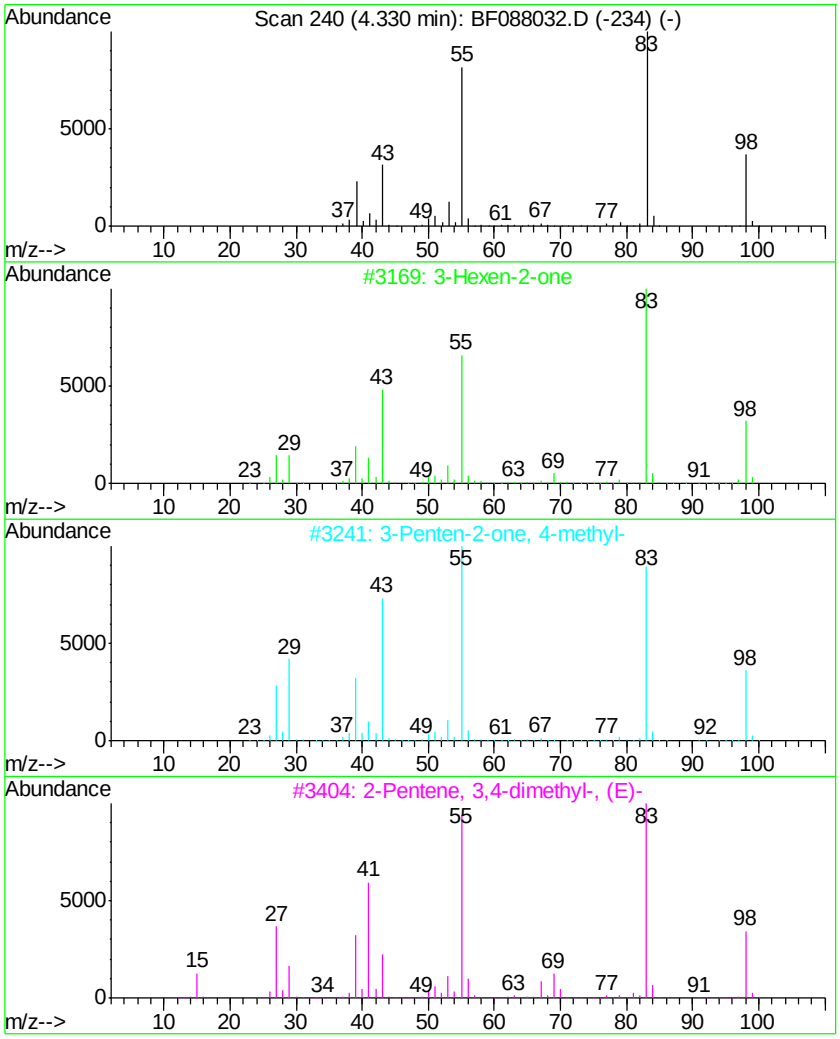
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

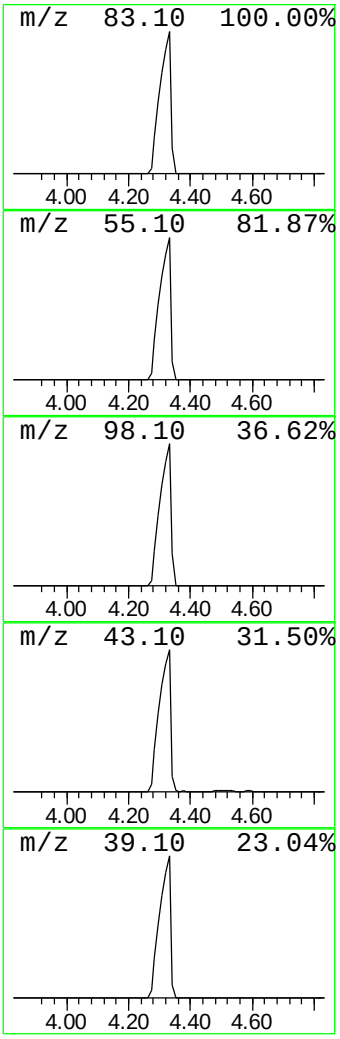
**********

Peak Number 5 3-Hexen-2-one Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.33 | 218.56 ng | 6372390 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hexen-2-one | 98 | C6H10O | 000763-93-9 | 91 |
| 2 | 3-Penten-2-one, 4-methyl- | 98 | C6H10O | 000141-79-7 | 91 |
| 3 | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14 | 004914-92-5 | 90 |
| 4 | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14 | 004914-91-4 | 86 |
| 5 | Furan, 2-methoxy- | 98 | C5H6O2 | 025414-22-6 | 78 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

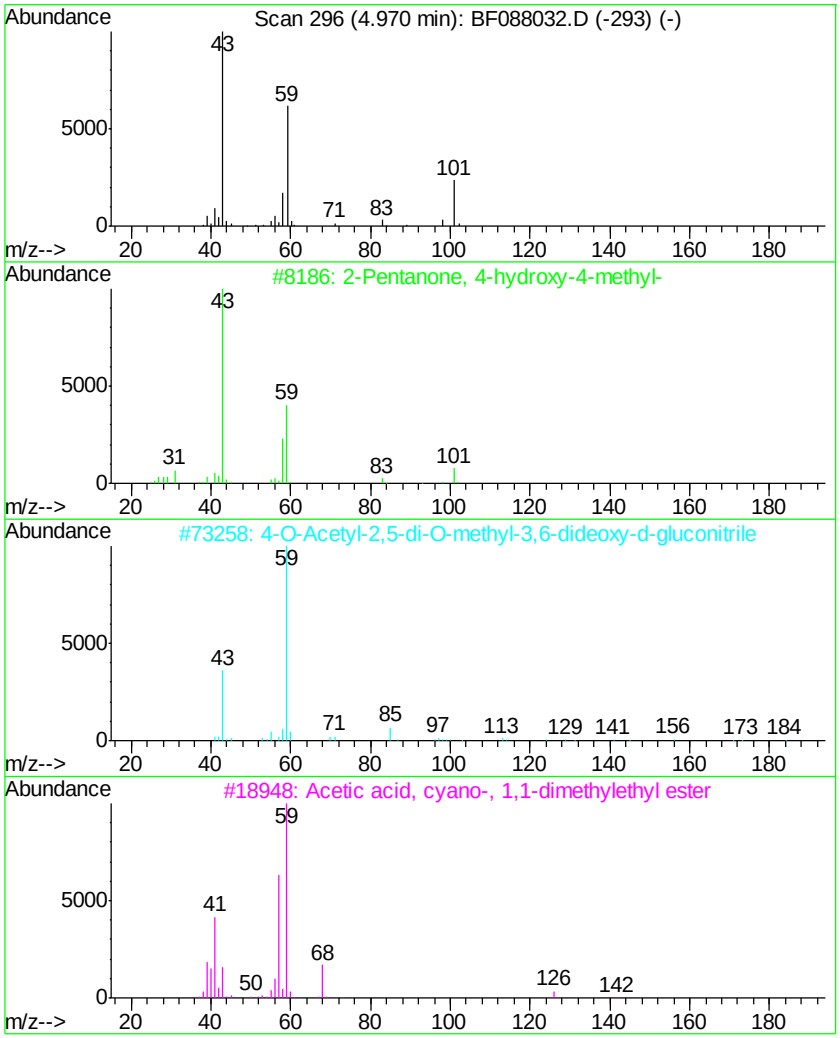
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

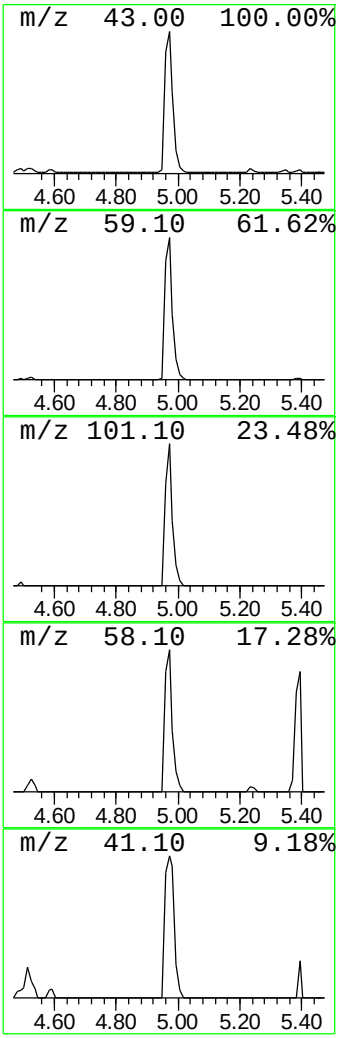
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.97 | 11.07 ng | 322898 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | 4-O-Acetyl-2,5-di-O-methyl-3,6-d... | 215 | C10H17NO4 | 1000101-80-3 | 17 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 4 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |
| 5 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

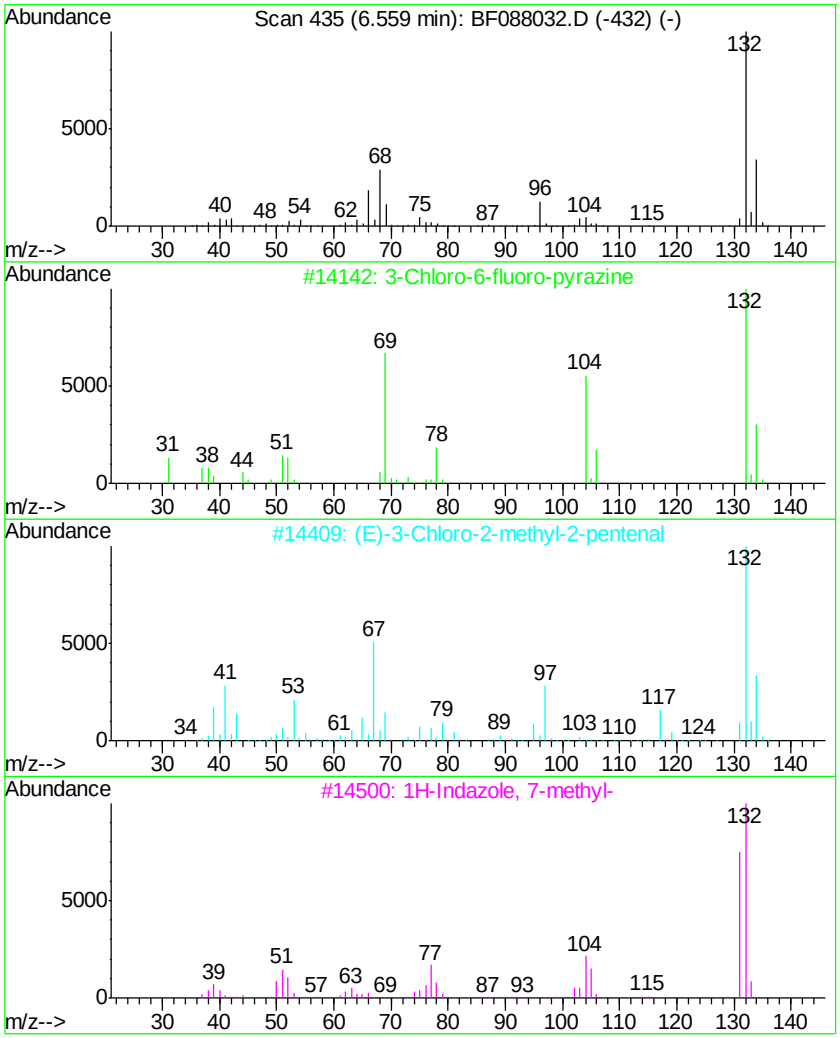
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

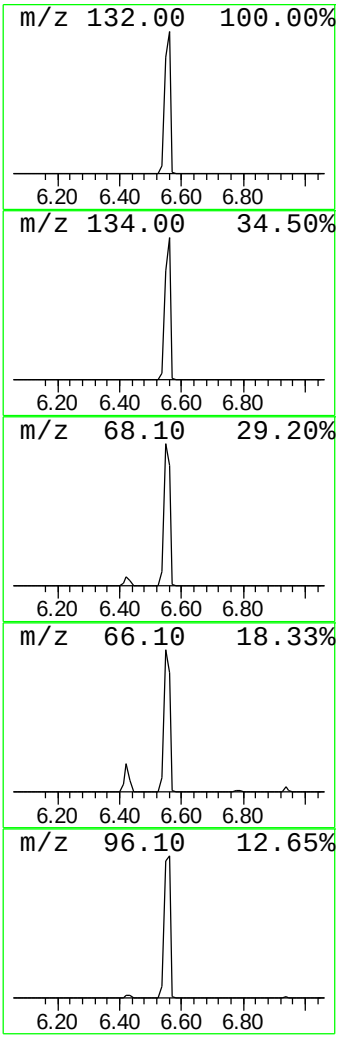
**********

Peak Number 7 unknown6.56 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.56 | 82.65 ng | 2409850 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 40 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 33 |
| 3 | 1H-Indazole, 7-methyl- | 132 | C8H8N2 | 1000316-00-7 | 25 |
| 4 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |
| 5 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

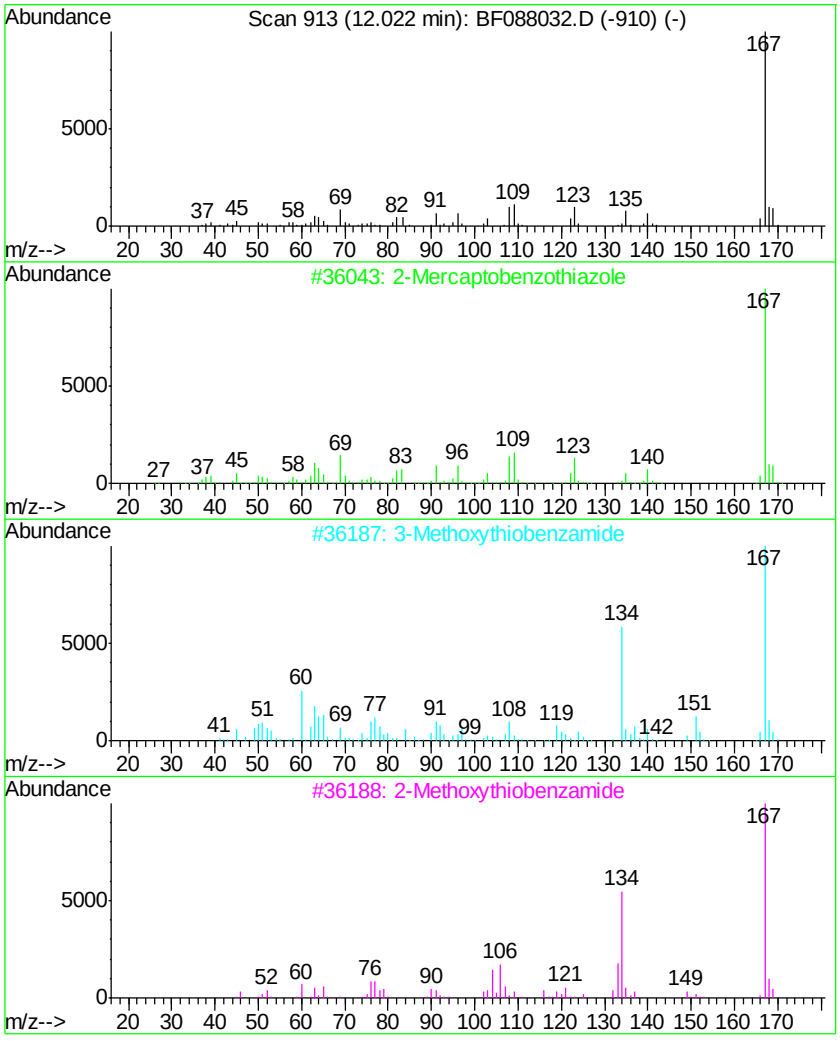
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

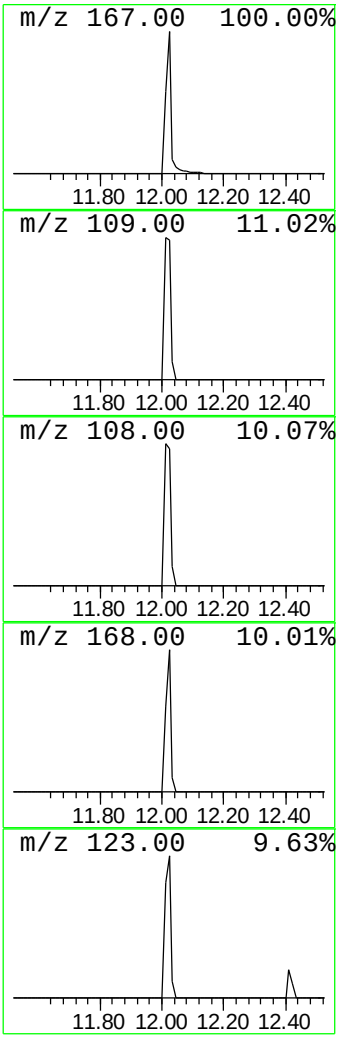
**********

Peak Number 9 2-Mercaptobenzothiazole Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.02 | 4.90 ng | 171362 | Phenanthrene-d10 | 11.30 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Mercaptobenzothiazole | 167 | C7H5NS2 | 000149-30-4 | 95 |
| 2 | 3-Methoxythiobenzamide | 167 | C8H9NOS | 064559-06-4 | 59 |
| 3 | 2-Methoxythiobenzamide | 167 | C8H9NOS | 042590-97-6 | 53 |
| 4 | 2',4'-Dihydroxyacetophenone oxime | 167 | C8H9NO3 | 1000212-89-5 | 47 |
| 5 | Thioguanine | 167 | C5H5N5S | 000154-42-7 | 42 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

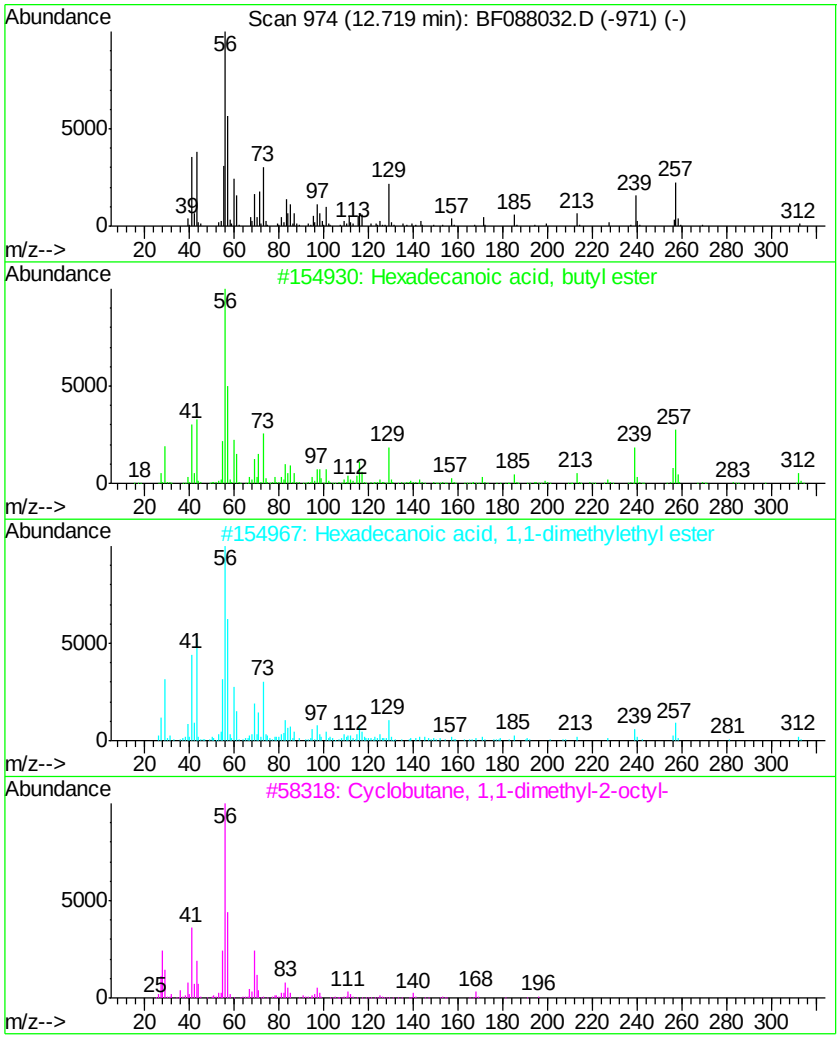
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

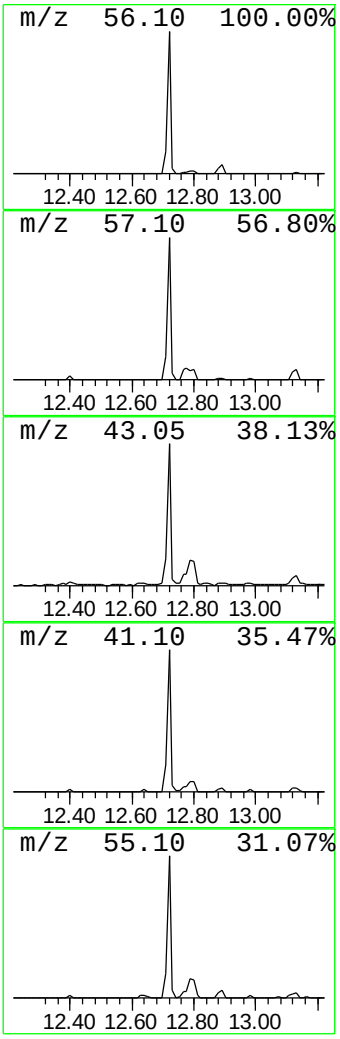
**********

Peak Number 10 Hexadecanoic acid, butyl ester Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.72 | 12.45 ng | 409951 | Chrysene-d12 | 13.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, butyl ester | 312 | C20H40O2 | 000111-06-8 | 91 |
| 2 | Hexadecanoic acid, 1,1-dimethyle... | 312 | C20H40O2 | 031158-91-5 | 74 |
| 3 | Cyclobutane, 1,1-dimethyl-2-octyl- | 196 | C14H28 | 062338-30-1 | 35 |
| 4 | Cyclopropane, 1-(1-methylethyl)-... | 210 | C15H30 | 041977-39-3 | 35 |
| 5 | 1-Hexene, 4-methyl- | 98 | C7H14 | 003769-23-1 | 30 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

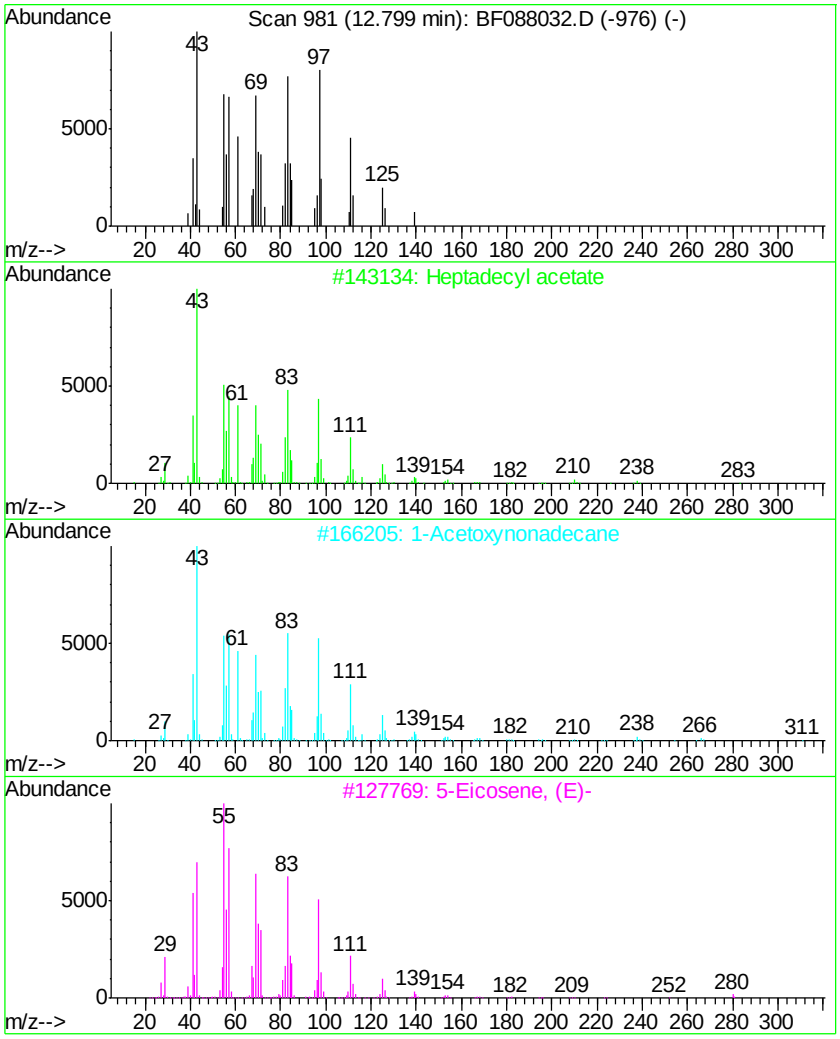
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

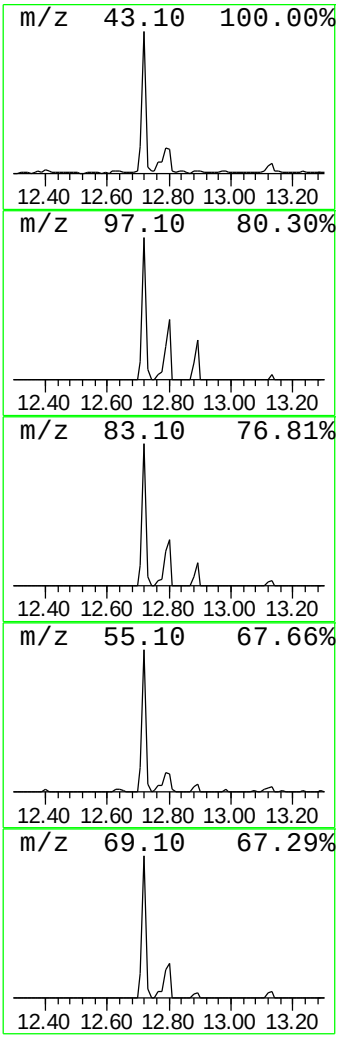
**********

Peak Number 11 Heptadecyl acetate Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.80 | 2.36 ng | 77637 | Chrysene-d12 | 13.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl acetate | 298 | C19H38O2 | 000822-20-8 | 91 |
| 2 | 1-Acetoxynonadecane | 326 | C21H42O2 | 001577-43-1 | 91 |
| 3 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 90 |
| 4 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 87 |
| 5 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 87 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

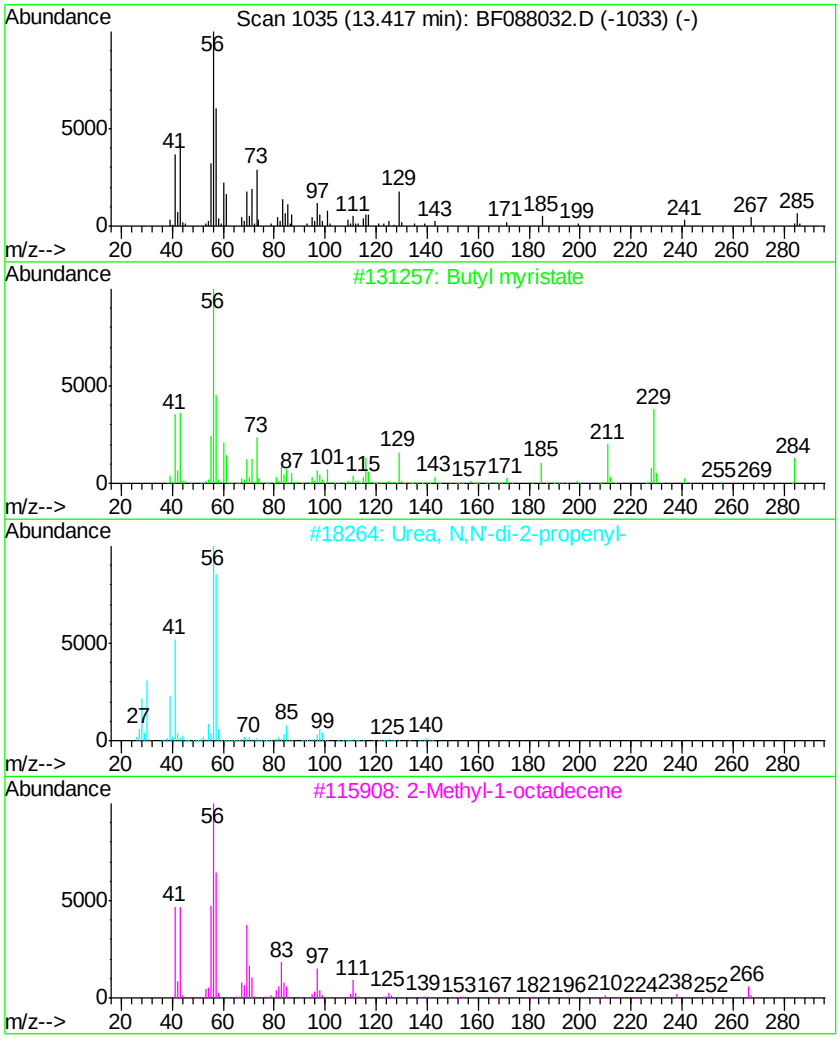
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

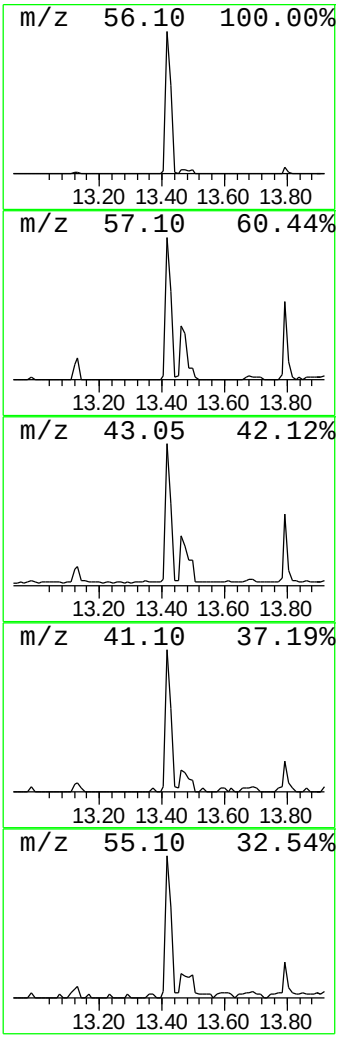
**********

Peak Number 12 Butyl myristate Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.42 | 7.93 ng | 261051 | Chrysene-d12 | 13.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butyl myristate | 284 | C18H36O2 | 000110-36-1 | 80 |
| 2 | Urea, N,N'-di-2-propenyl- | 140 | C7H12N2O | 001801-72-5 | 38 |
| 3 | 2-Methyl-1-octadecene | 266 | C19H38 | 061868-20-0 | 38 |
| 4 | Hexane, 3,4-dimethyl- | 114 | C8H18 | 000583-48-2 | 35 |
| 5 | 1-Hexene, 4-methyl- | 98 | C7H14 | 003769-23-1 | 30 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

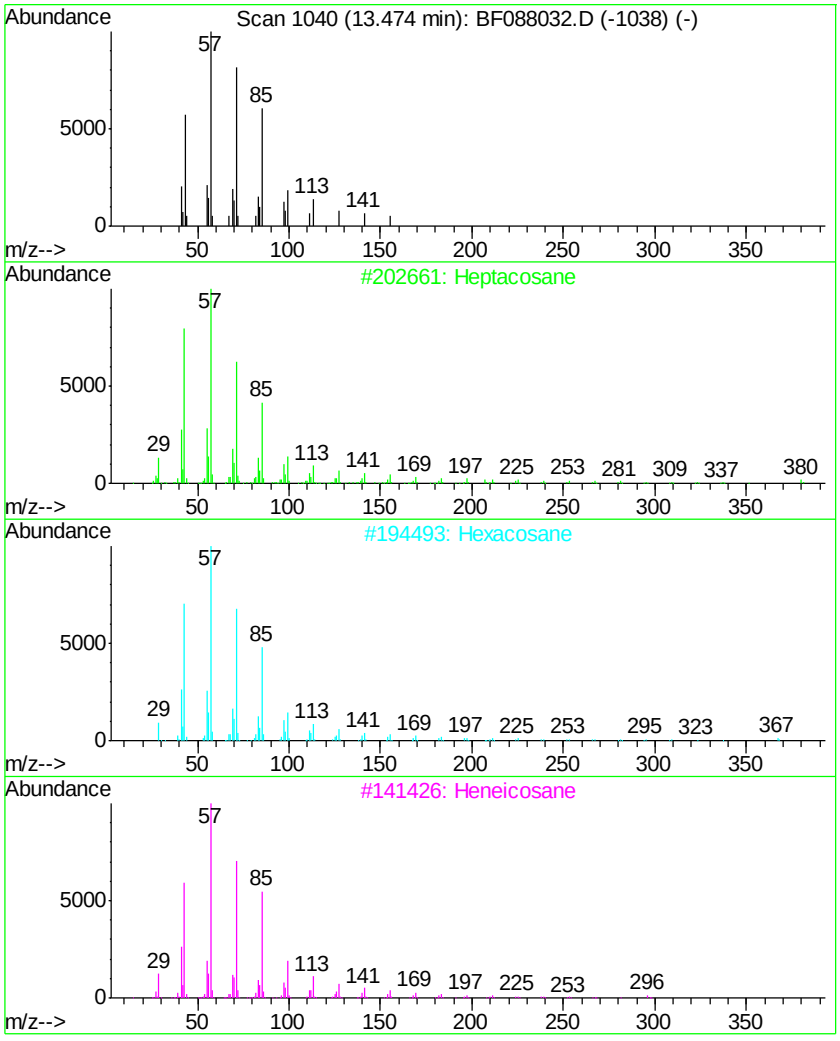
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

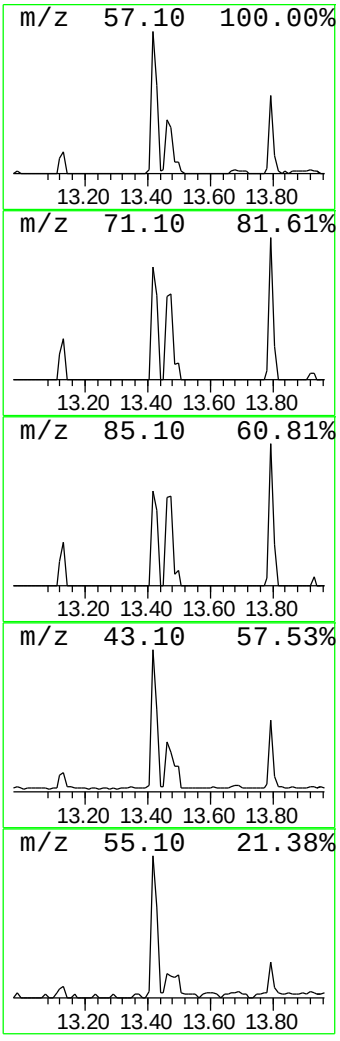
**********

Peak Number 13 Heptacosane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.47 | 2.20 ng | 72572 | Chrysene-d12 | 13.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 5 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 90 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

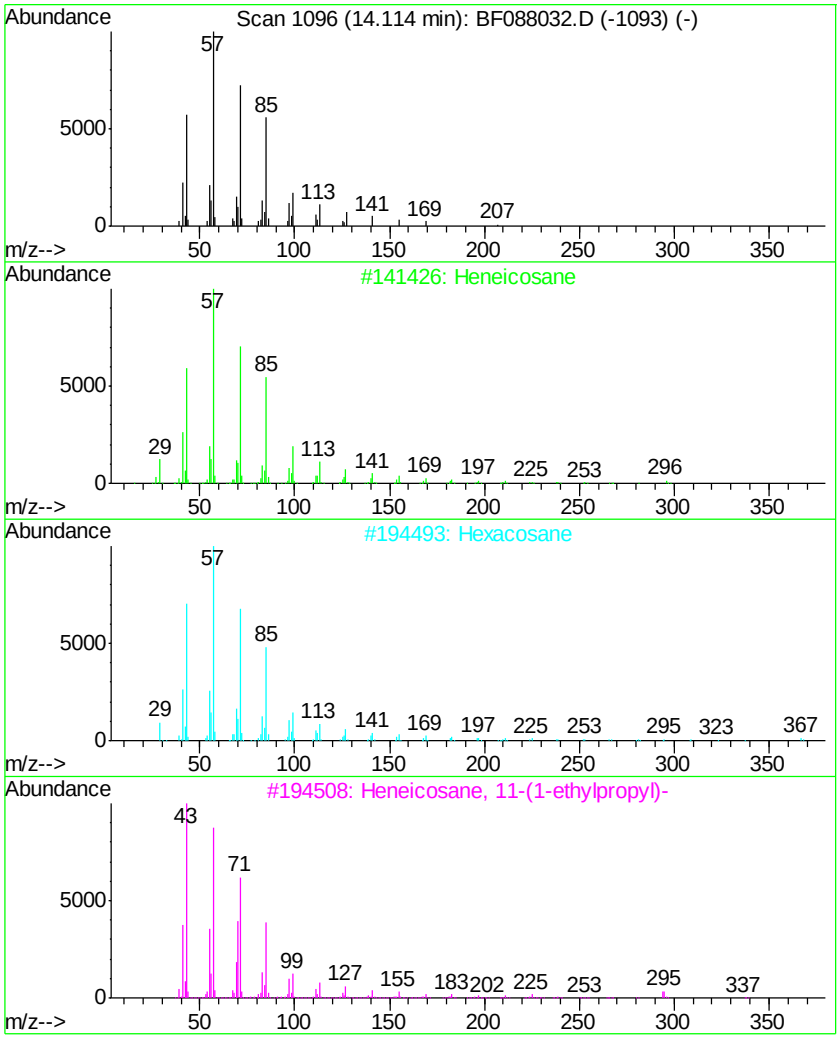
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

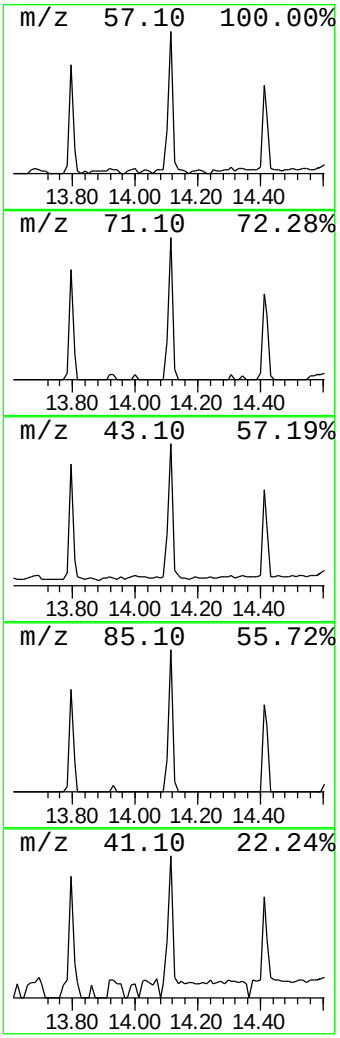
**********

Peak Number 14 Heneicosane Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.11 | 2.07 ng | 68150 | Chrysene-d12 | 13.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

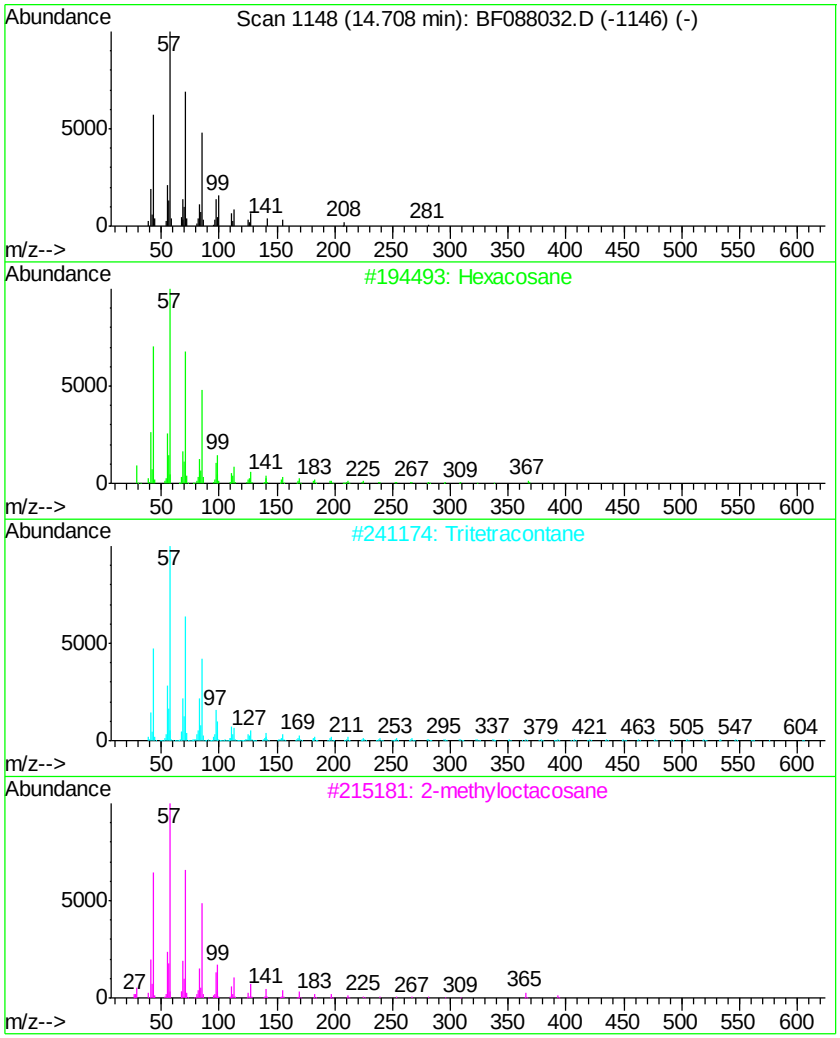
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

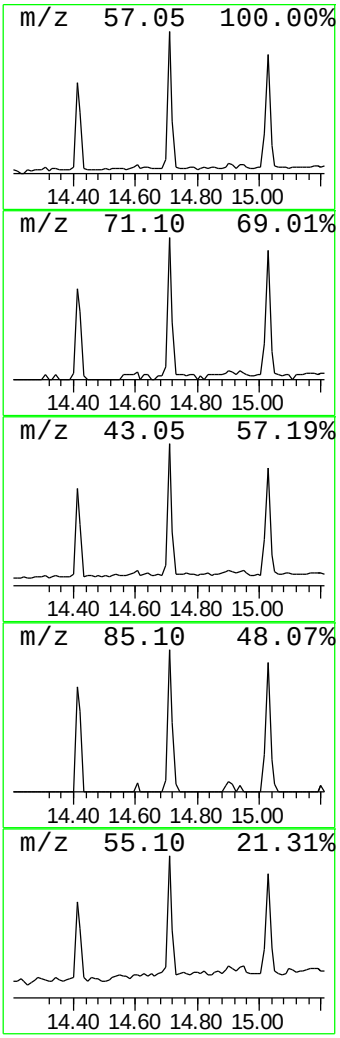
**********

Peak Number 15 Hexacosane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.71 | 3.26 ng | 70677 | Perylene-d12 | 15.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 2 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 91 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

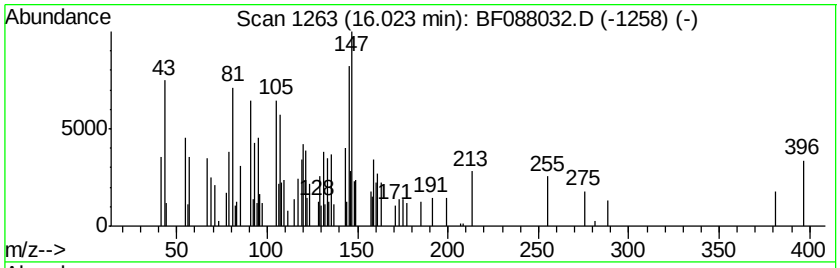
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

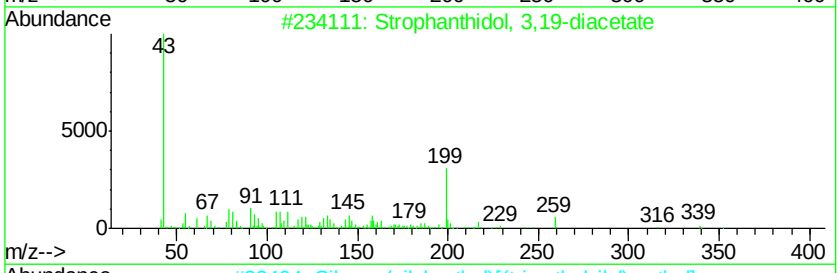
**********

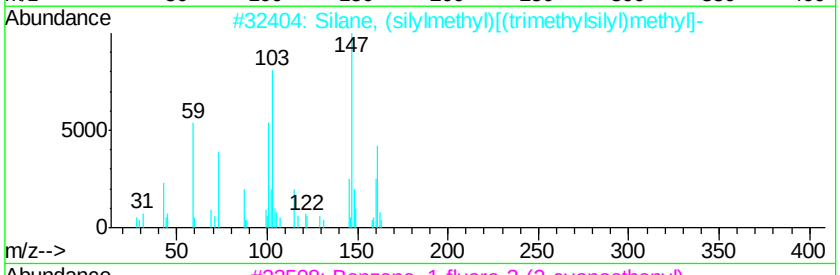
Peak Number 16 unknown16.02 Concentration Rank 11

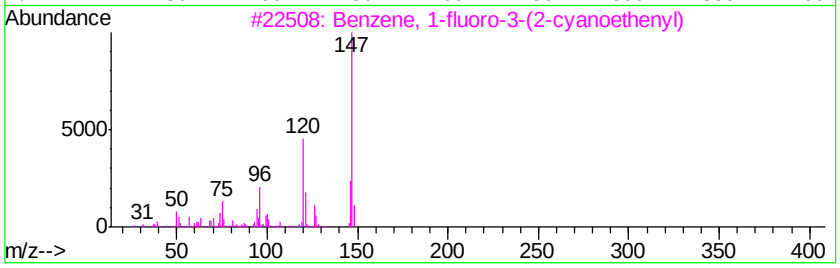
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.02 | 4.52 ng | 97815 | Perylene-d12 | 15.34 |

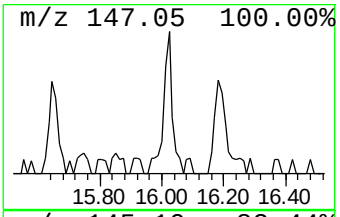
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Strophanthidol, 3,19-diacetate | 490 | C27H38O8 | 083349-11-5 | 27 |
| 2 | Silane, (silylmethyl)[(trimethyl... | 162 | C5H18Si3 | 055836-80-1 | 27 |
| 3 | Benzene, 1-fluoro-3-(2-cyanoethe... | 147 | C9H6FN | 082344-56-7 | 18 |
| 4 | Benzene, 1-fluoro-4-(2-cyanoethe... | 147 | C9H6FN | 071750-12-4 | 14 |
| 5 | Acetic acid 2-oxo-2,3-dihydro-1H... | 218 | C11H10N2O3 | 016780-58-8 | 14 |

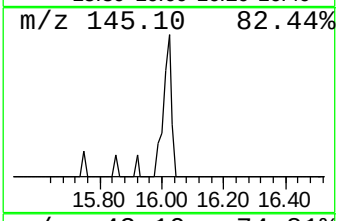


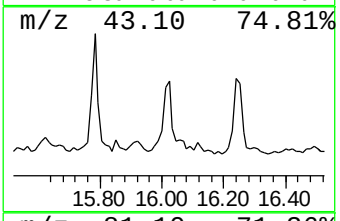



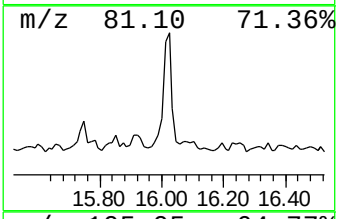



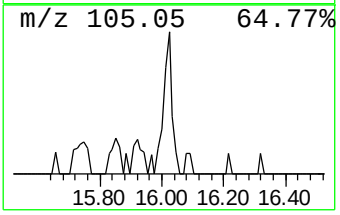



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STA-1100-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Propyl acetate | 2.55 | 3.4 | ng | 98780 | 1 | 6.79 | 583136 | 20.0 |
| 4-Penten-2-one, 4... | 3.29 | 9.1 | ng | 266004 | 1 | 6.79 | 583136 | 20.0 |
| 3-Hexen-2-one | 4.33 | 218.6 | ng | 6372390 | 1 | 6.79 | 583136 | 20.0 |
| 2-Pentanone, 4-hy... | 4.97 | 11.1 | ng | 322898 | 1 | 6.79 | 583136 | 20.0 |
| unknown6.56 | 6.56 | 82.7 | ng | 2409850 | 1 | 6.79 | 583136 | 20.0 |
| 2-Mercaptobenzoth... | 12.02 | 4.9 | ng | 171362 | 4 | 11.30 | 699093 | 20.0 |
| Hexadecanoic acid... | 12.72 | 12.4 | ng | 409951 | 5 | 13.93 | 658598 | 20.0 |
| Heptadecyl acetate | 12.80 | 2.4 | ng | 77637 | 5 | 13.93 | 658598 | 20.0 |
| Butyl myristate | 13.42 | 7.9 | ng | 261051 | 5 | 13.93 | 658598 | 20.0 |
| Heptacosane | 13.47 | 2.2 | ng | 72572 | 5 | 13.93 | 658598 | 20.0 |
| Heneicosane | 14.11 | 2.1 | ng | 68150 | 5 | 13.93 | 658598 | 20.0 |
| Hexacosane | 14.71 | 3.3 | ng | 70677 | 6 | 15.34 | 433094 | 20.0 |
| unknown16.02 | 16.02 | 4.5 | ng | 97815 | 6 | 15.34 | 433094 | 20.0 |