LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

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-BF102616.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 | 4.899 | 243 | 246 | 257 | rBV | 791635 | 1192304 | 21.37% | 2.438% |
| 2 | 5.333 | 281 | 284 | 287 | rBV | 3901021 | 4356828 | 78.09% | 8.908% |
| 3 | 6.385 | 373 | 376 | 378 | rBV | 4097262 | 4792112 | 85.89% | 9.798% |
| 4 | 6.510 | 384 | 387 | 389 | rBV | 3629060 | 4992664 | 89.49% | 10.208% |
| 5 | 6.739 | 405 | 407 | 409 | rBV | 797386 | 951480 | 17.05% | 1.945% |
| 6 | 6.887 | 418 | 420 | 423 | rBV | 3183208 | 3530215 | 63.28% | 7.218% |
| 7 | 7.299 | 453 | 456 | 459 | rBV | 2264419 | 2891195 | 51.82% | 5.912% |
| 8 | 8.019 | 517 | 519 | 522 | rBV | 1458737 | 1388788 | 24.89% | 2.840% |
| 9 | 9.105 | 611 | 614 | 616 | rBV | 5357269 | 5579105 | 100.00% | 11.408% |
| 10 | 9.493 | 646 | 648 | 651 | rBV | 850516 | 981607 | 17.59% | 2.007% |
| 11 | 9.722 | 660 | 668 | 670 | rBV2 | 41311 | 100182 | 1.80% | 0.205% |
| 12 | 9.768 | 670 | 672 | 675 | rBV | 1145935 | 1630649 | 29.23% | 3.334% |
| 13 | 10.213 | 702 | 711 | 713 | rBV2 | 131386 | 177073 | 3.17% | 0.362% |
| 14 | 10.431 | 727 | 730 | 734 | rBV | 43338 | 84766 | 1.52% | 0.173% |
| 15 | 10.568 | 739 | 742 | 744 | rBV | 3115159 | 3729907 | 66.85% | 7.627% |
| 16 | 10.682 | 751 | 752 | 759 | rVB | 120714 | 209705 | 3.76% | 0.429% |
| 17 | 11.139 | 790 | 792 | 793 | rBV | 70593 | 87588 | 1.57% | 0.179% |
| 18 | 11.254 | 800 | 802 | 805 | rBV | 1759178 | 1562179 | 28.00% | 3.194% |
| 19 | 11.494 | 820 | 823 | 825 | rBV | 327245 | 351858 | 6.31% | 0.719% |
| 20 | 12.305 | 892 | 894 | 901 | rBV | 1039724 | 1054503 | 18.90% | 2.156% |
| 21 | 12.842 | 938 | 941 | 944 | rBV | 4949651 | 5038553 | 90.31% | 10.302% |
| 22 | 13.059 | 958 | 960 | 964 | rBV2 | 48717 | 80628 | 1.45% | 0.165% |
| 23 | 13.288 | 978 | 980 | 982 | rBV | 110632 | 169736 | 3.04% | 0.347% |
| 24 | 13.322 | 982 | 983 | 987 | rVV | 42832 | 82006 | 1.47% | 0.168% |
| 25 | 13.391 | 987 | 989 | 996 | rVB4 | 25189 | 77289 | 1.39% | 0.158% |
| 26 | 13.745 | 1017 | 1020 | 1030 | rBV | 404493 | 543652 | 9.74% | 1.112% |
| 27 | 13.882 | 1030 | 1032 | 1035 | rBV | 1186879 | 1354277 | 24.27% | 2.769% |
| 28 | 14.374 | 1073 | 1075 | 1082 | rBV | 145869 | 214390 | 3.84% | 0.438% |
| 29 | 14.648 | 1096 | 1099 | 1105 | rBV2 | 47802 | 110481 | 1.98% | 0.226% |
| 30 | 14.980 | 1125 | 1128 | 1133 | rBV | 162512 | 249587 | 4.47% | 0.510% |
| 31 | 15.288 | 1152 | 1155 | 1157 | rBV | 617779 | 859536 | 15.41% | 1.757% |
| 32 | 15.723 | 1190 | 1193 | 1195 | rBV | 92225 | 157389 | 2.82% | 0.322% |
| 33 | 15.768 | 1195 | 1197 | 1199 | rVV | 53755 | 102639 | 1.84% | 0.210% |
| 34 | 15.825 | 1200 | 1202 | 1208 | rVB | 37362 | 70470 | 1.26% | 0.144% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

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-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.431 | 1252 | 1255 | 1259 | rVB | 38625 | 67482 | 1.21% | 0.138% |
| 36 | 16.866 | 1290 | 1293 | 1300 | rVB | 34941 | 84196 | 1.51% | 0.172% |

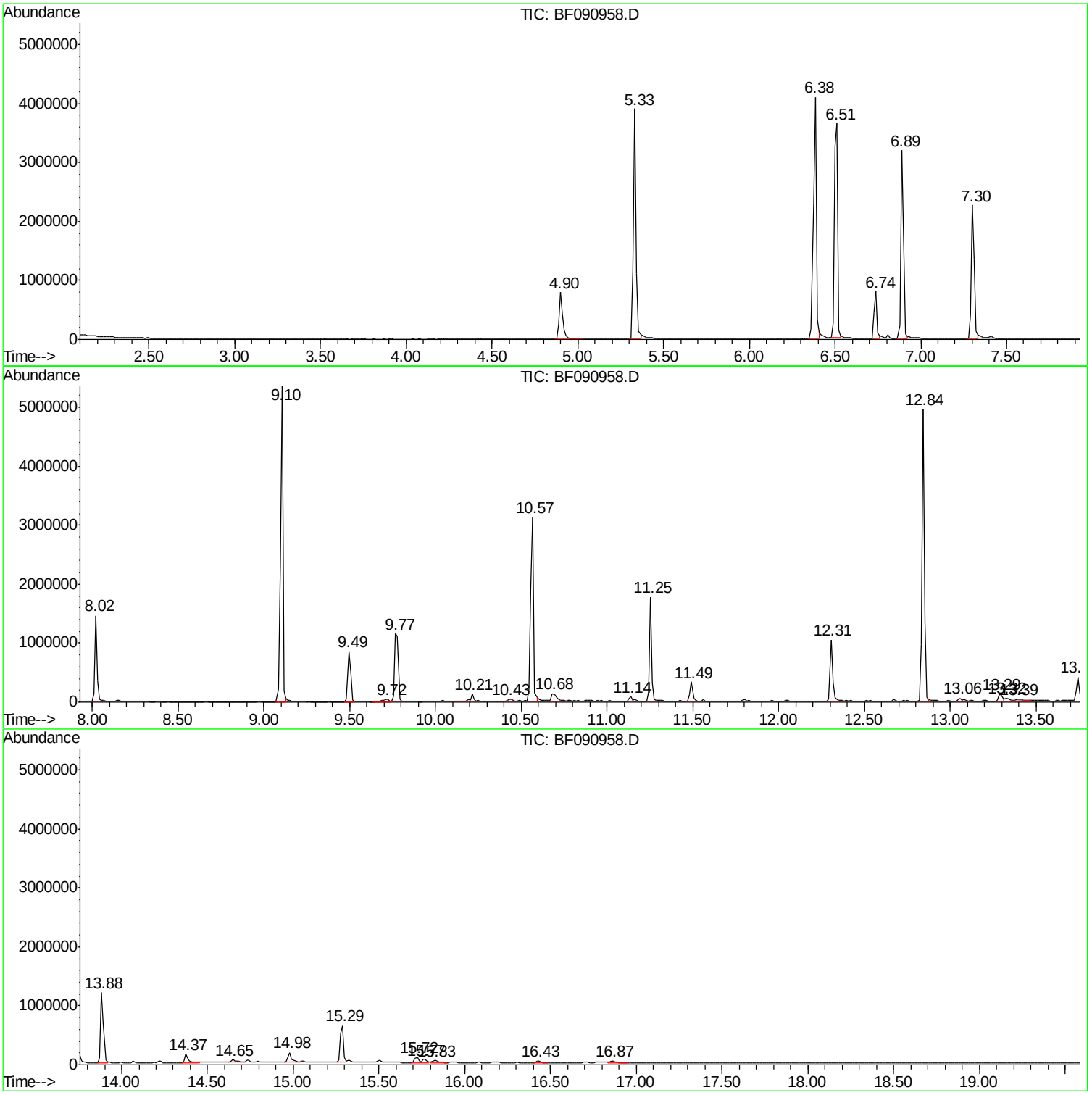
Sum of corrected areas: 48907019

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

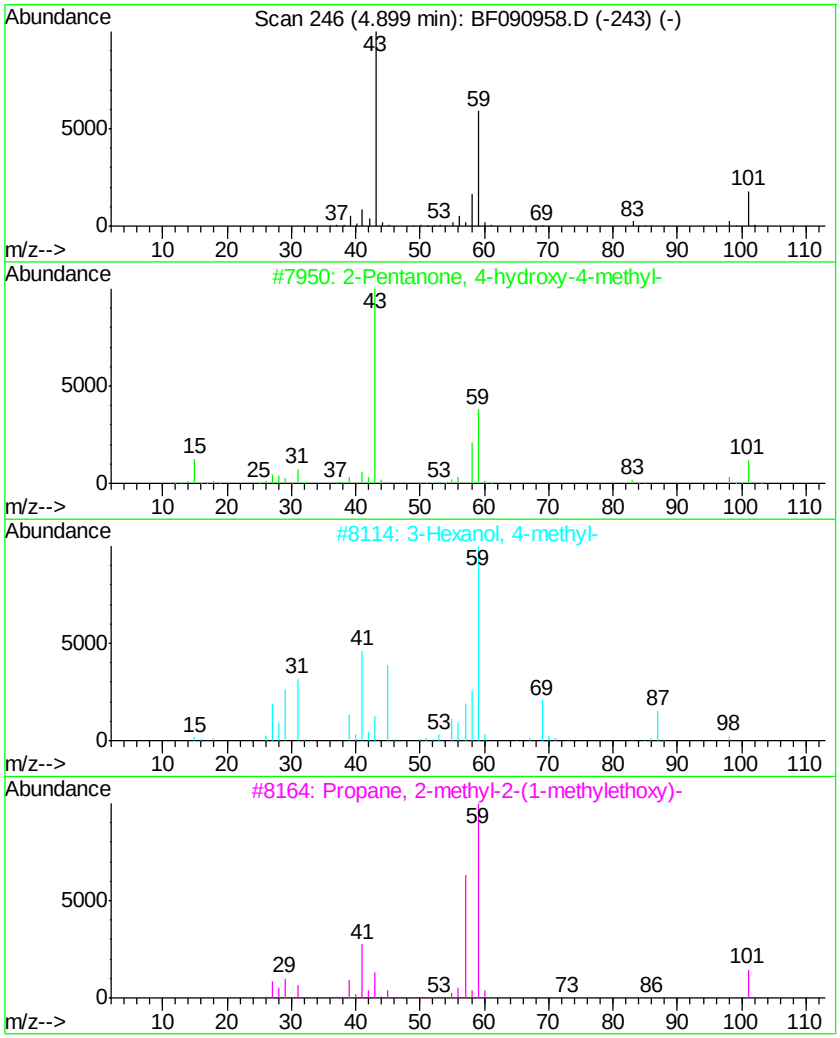
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

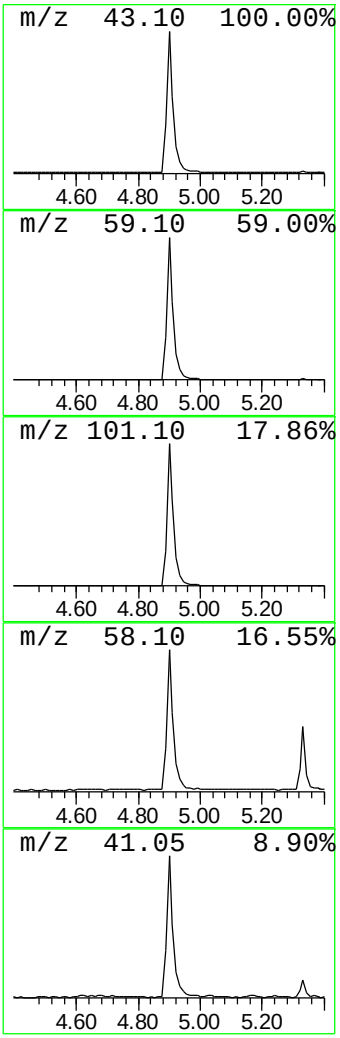
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.90 | 25.06 ng | 1192300 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 3 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 33 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

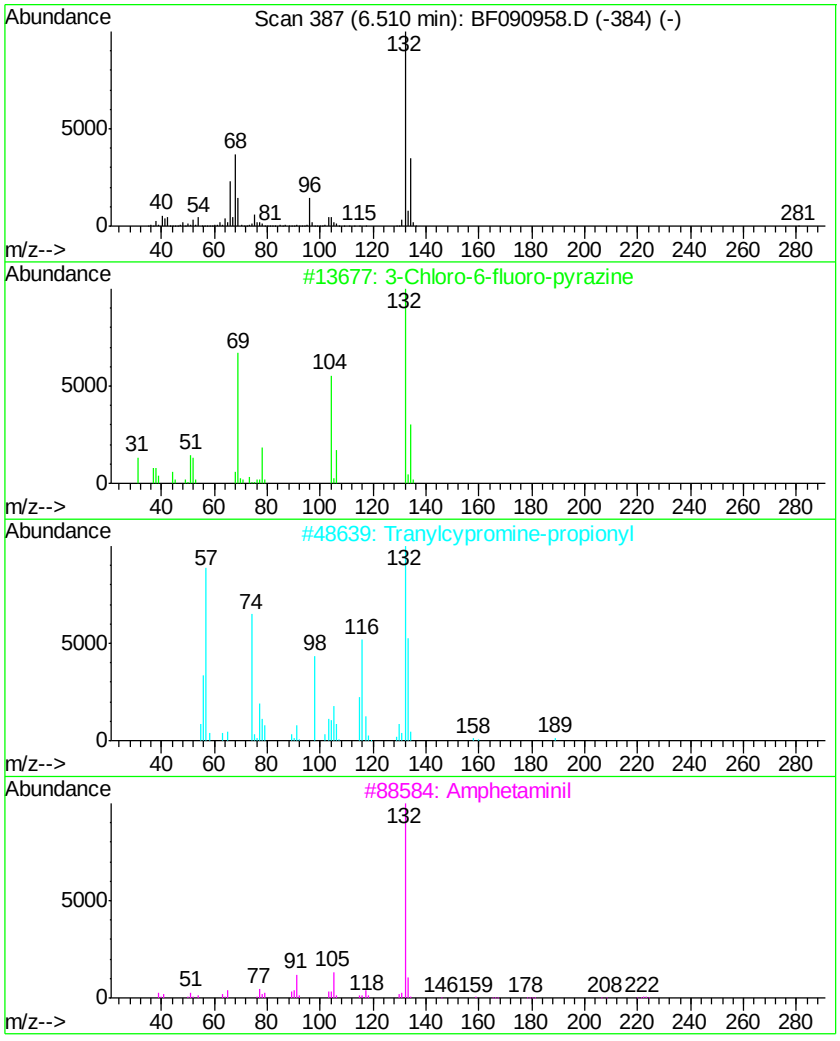
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

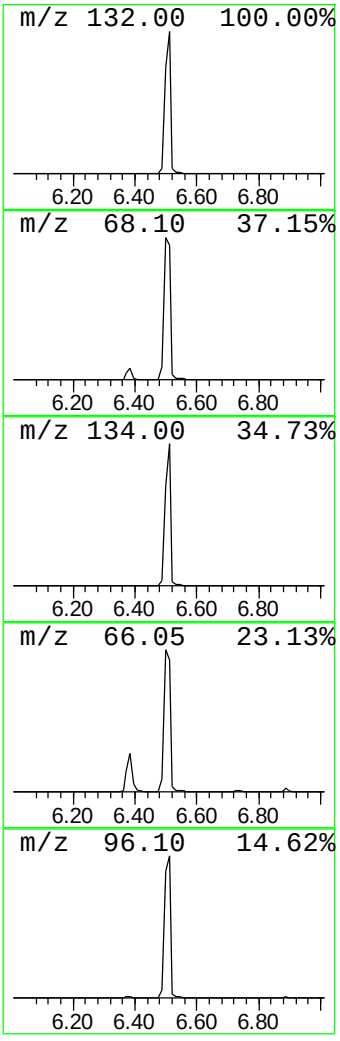
**********

Peak Number 2 unknown6.51 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.51 | 104.95 ng | 4992660 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 25 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 16 |
| 3 | Amphetaminil | 250 | C17H18N2 | 017590-01-1 | 12 |
| 4 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |
| 5 | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2 | 022291-85-6 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

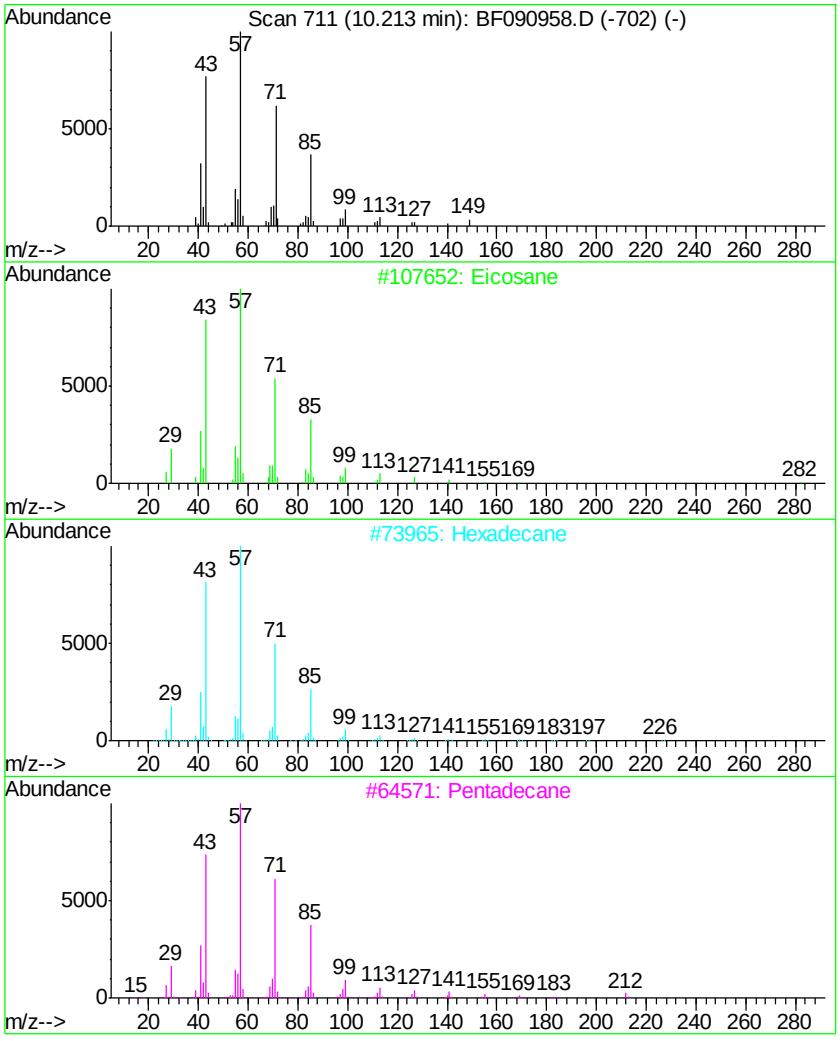
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

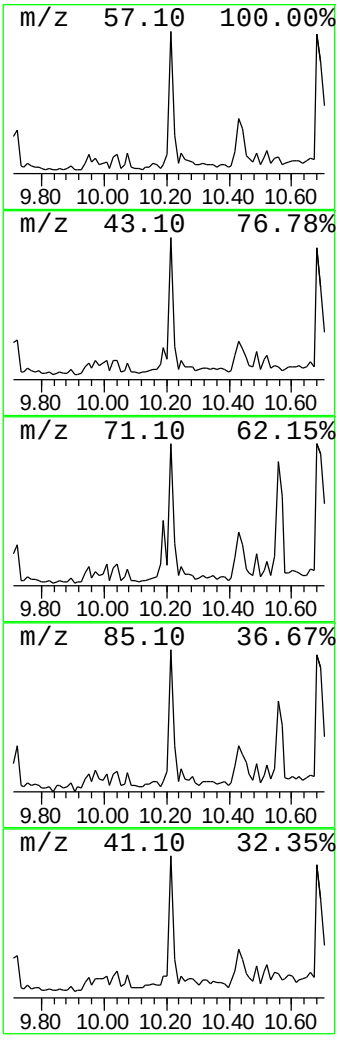
**********

Peak Number 4 Eicosane Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.21 | 2.17 ng | 177073 | Acenaphthene-d10 | 9.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 86 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 78 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

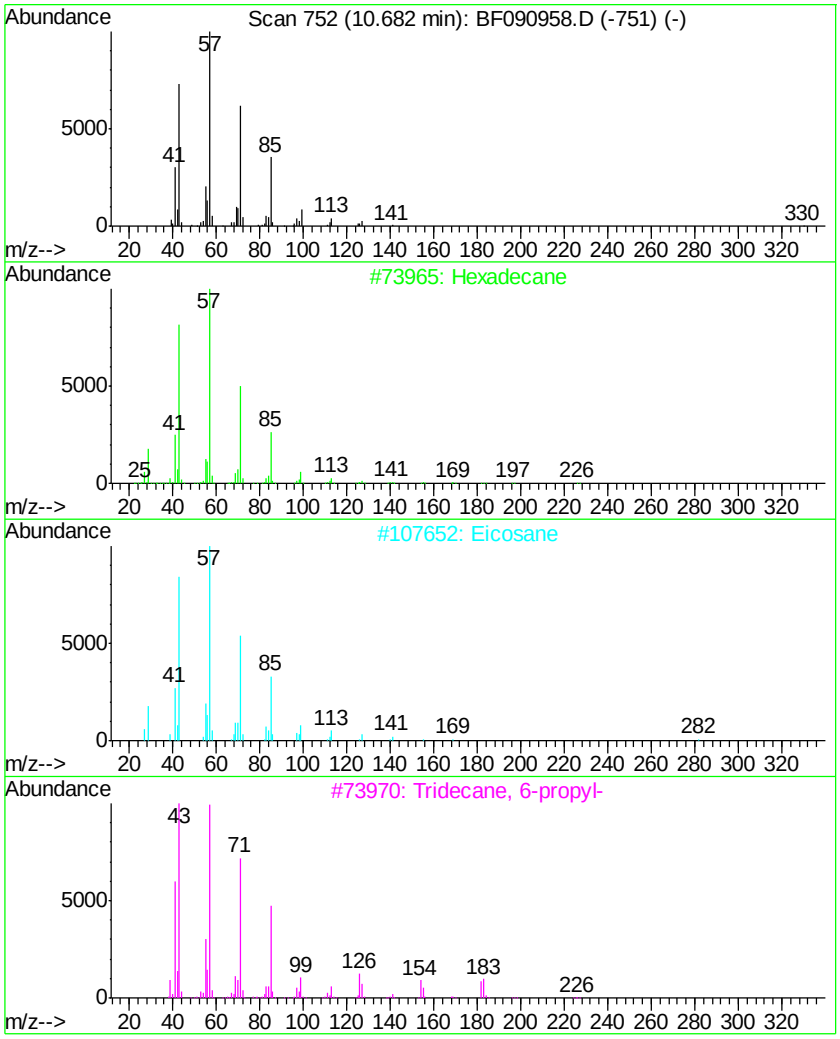
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

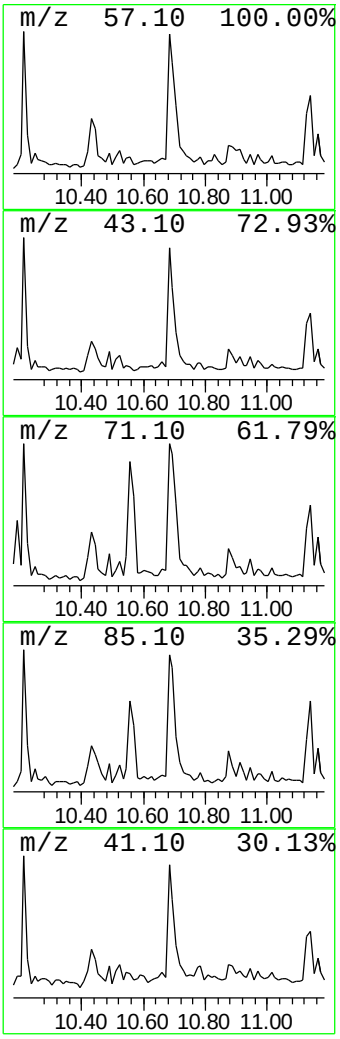
**********

Peak Number 5 Hexadecane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.68 | 2.68 ng | 209705 | Phenanthrene-d10 | 11.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 3 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 83 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 72 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 72 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

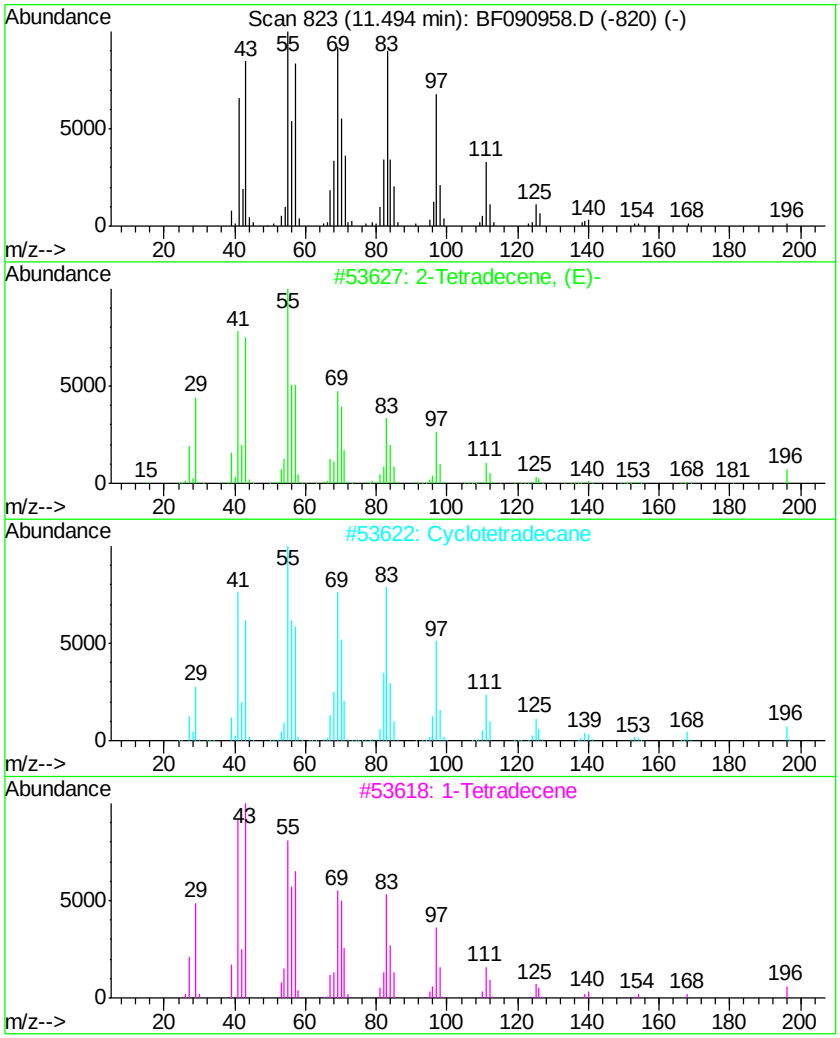
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

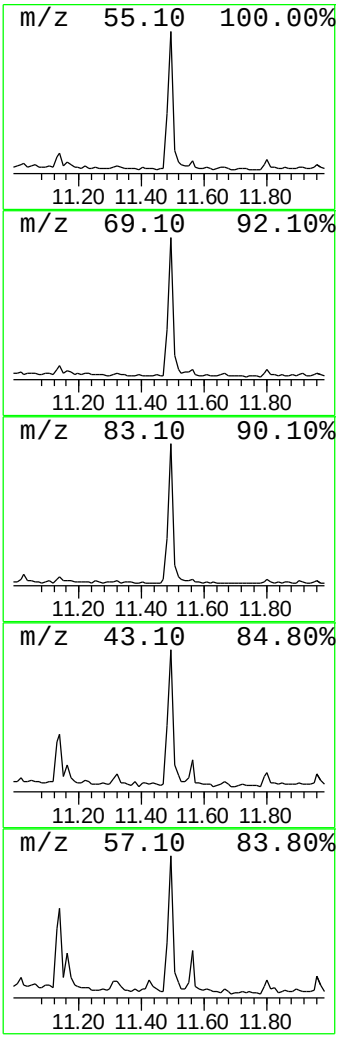
**********

Peak Number 6 2-Tetradecene, (E)- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.49 | 4.50 ng | 351858 | Phenanthrene-d10 | 11.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Tetradecene, (E)- | 196 | C14H28 | 035953-53-8 | 96 |
| 2 | Cyclotetradecane | 196 | C14H28 | 000295-17-0 | 96 |
| 3 | 1-Tetradecene | 196 | C14H28 | 001120-36-1 | 95 |
| 4 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 94 |
| 5 | 1-Tetradecanol | 214 | C14H30O | 000112-72-1 | 91 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

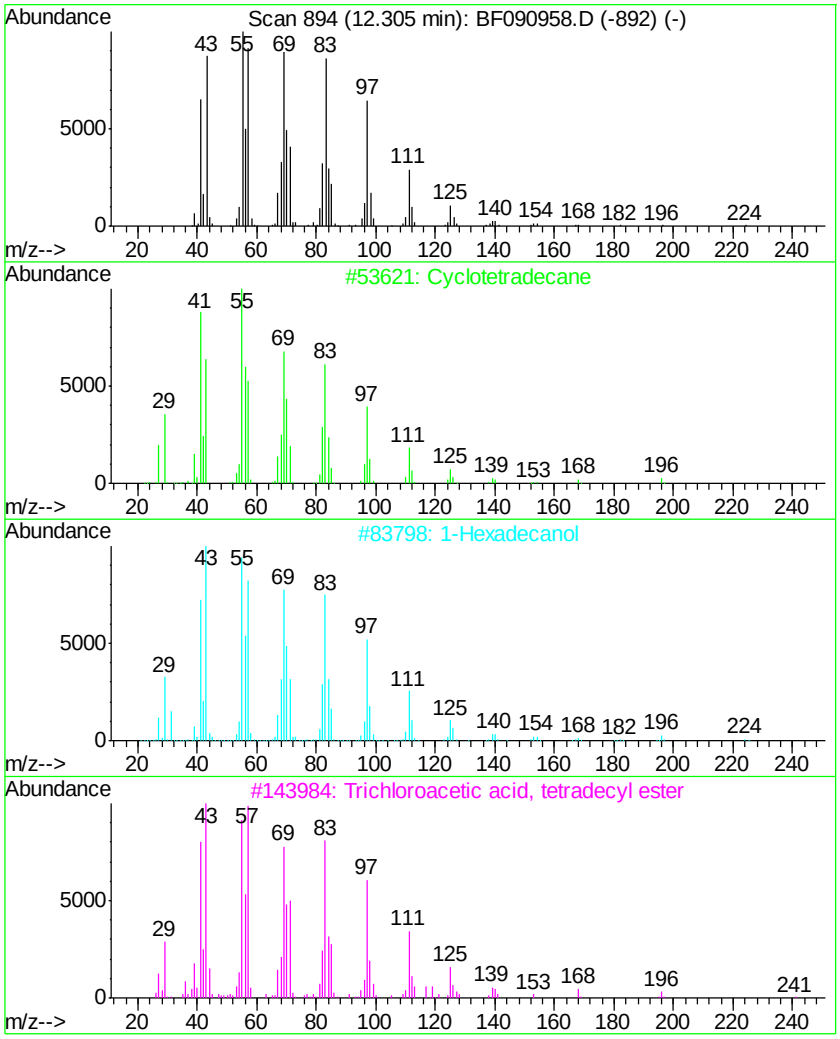
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

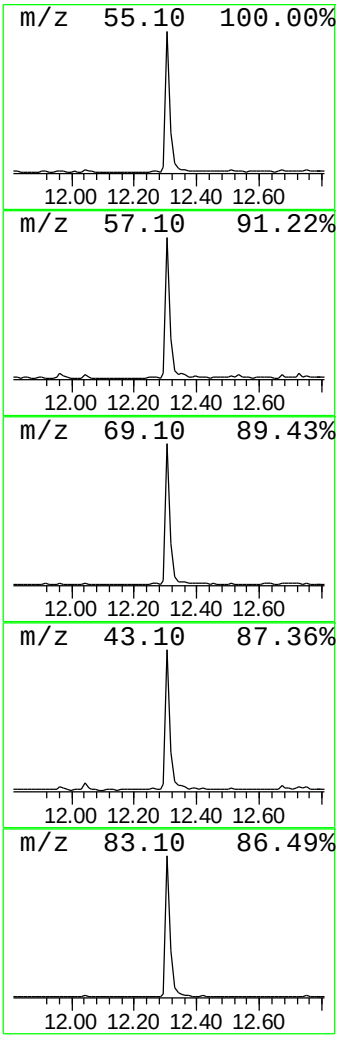
**********

Peak Number 7 Cyclotetradecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.31 | 13.50 ng | 1054500 | Phenanthrene-d10 | 11.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetradecane | 196 | C14H28 | 000295-17-0 | 97 |
| 2 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 94 |
| 3 | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 91 |
| 4 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 91 |
| 5 | 4-Heptafluorobutyryloxyhexadecane | 438 | C20H33F7O2 | 1000282-97-2 | 91 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

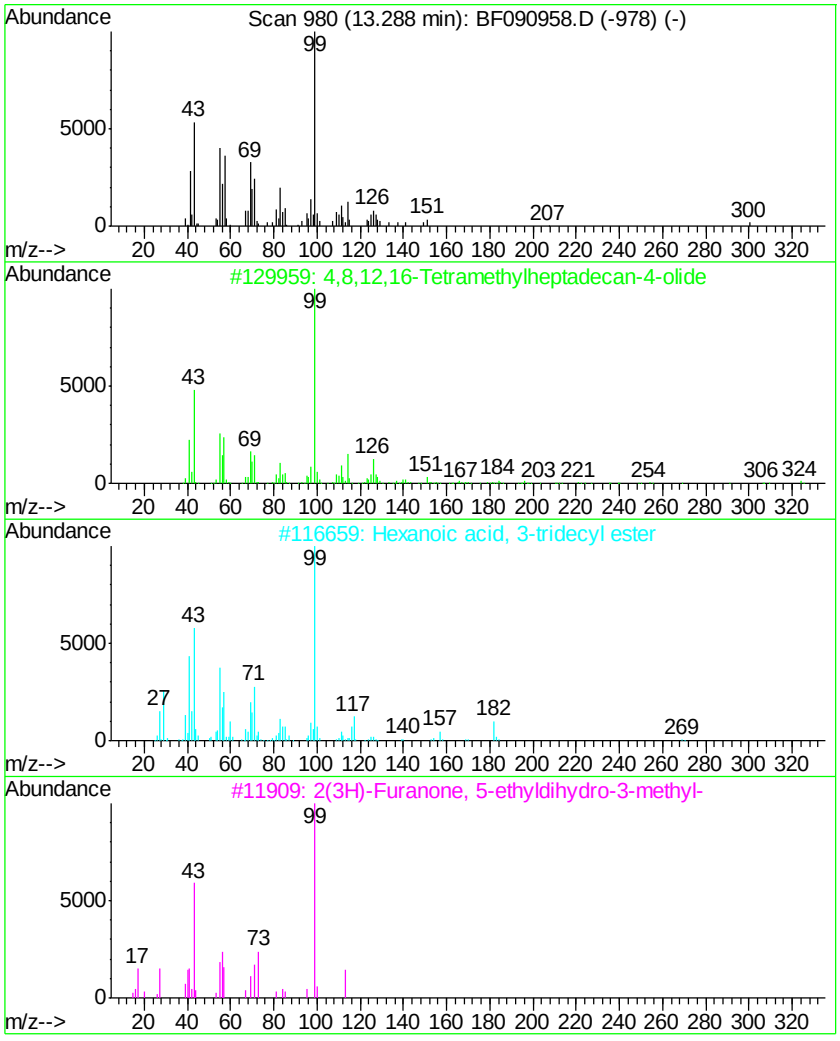
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

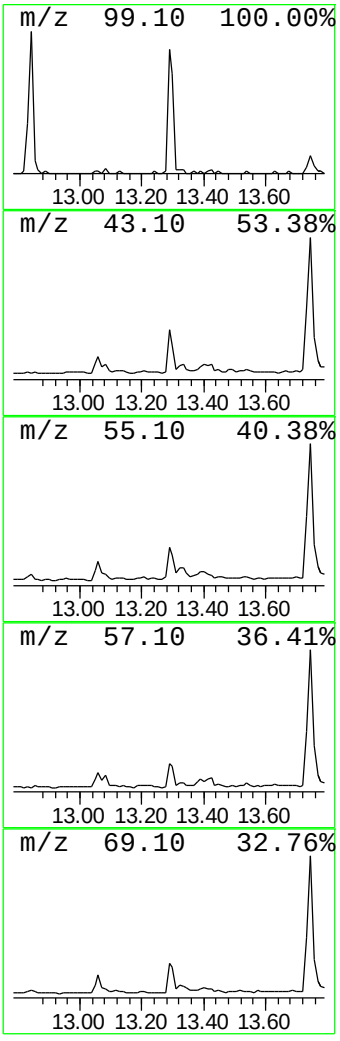
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 4,8,12,16-Tetramethylheptad... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.29 | 2.51 ng | 169736 | Chrysene-d12 | 13.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4,8,12,16-Tetramethylheptadecan-... | 324 | C21H40O2 | 096168-15-9 | 80 |
| 2 | Hexanoic acid, 3-tridecyl ester | 298 | C19H38O2 | 1000279-29-2 | 59 |
| 3 | 2(3H)-Furanone, 5-ethyldihydro-3... | 128 | C7H12O2 | 002610-98-2 | 47 |
| 4 | 4,6-Dimethyl-4-hydroxyhept-5-eno... | 154 | C9H14O2 | 1000122-47-0 | 43 |
| 5 | Heptafluorobutyric acid,n-tridec... | 396 | C17H27F7O2 | 1000216-78-9 | 38 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

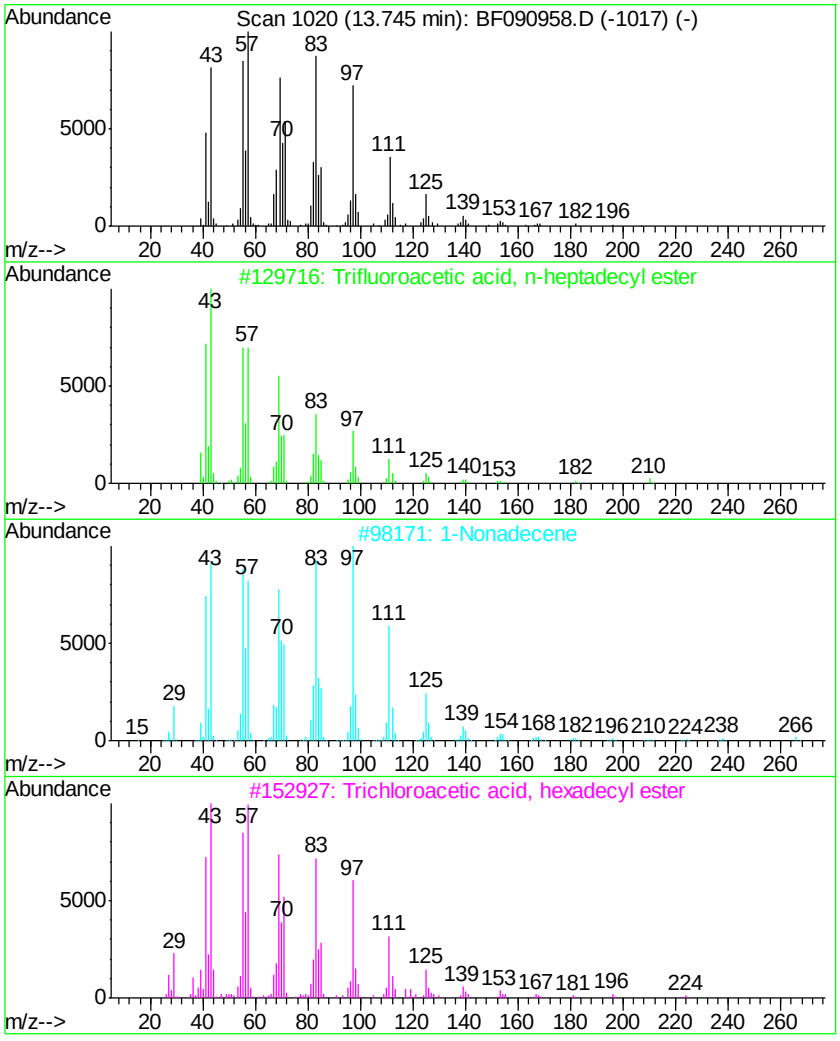
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

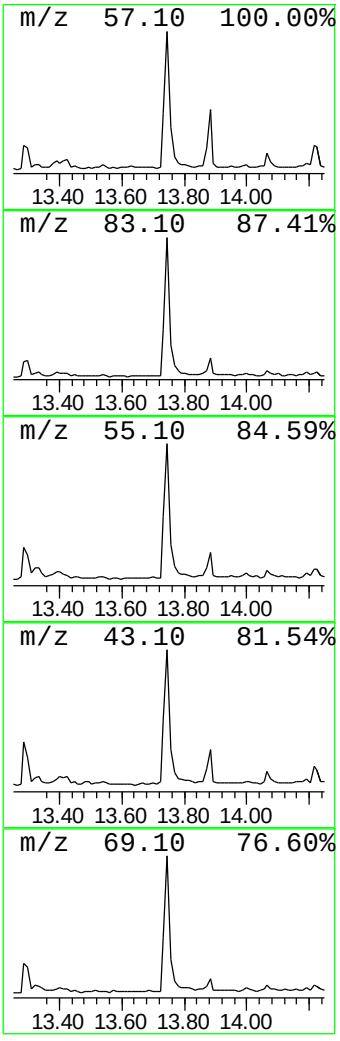
**********

Peak Number 9 Trifluoroacetic acid, n-hep... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.75 | 8.03 ng | 543652 | Chrysene-d12 | 13.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetic acid, n-heptadec... | 324 | C17H31F3O2 | 1000216-79-2 | 91 |
| 2 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 91 |
| 3 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91 |
| 4 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |
| 5 | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 91 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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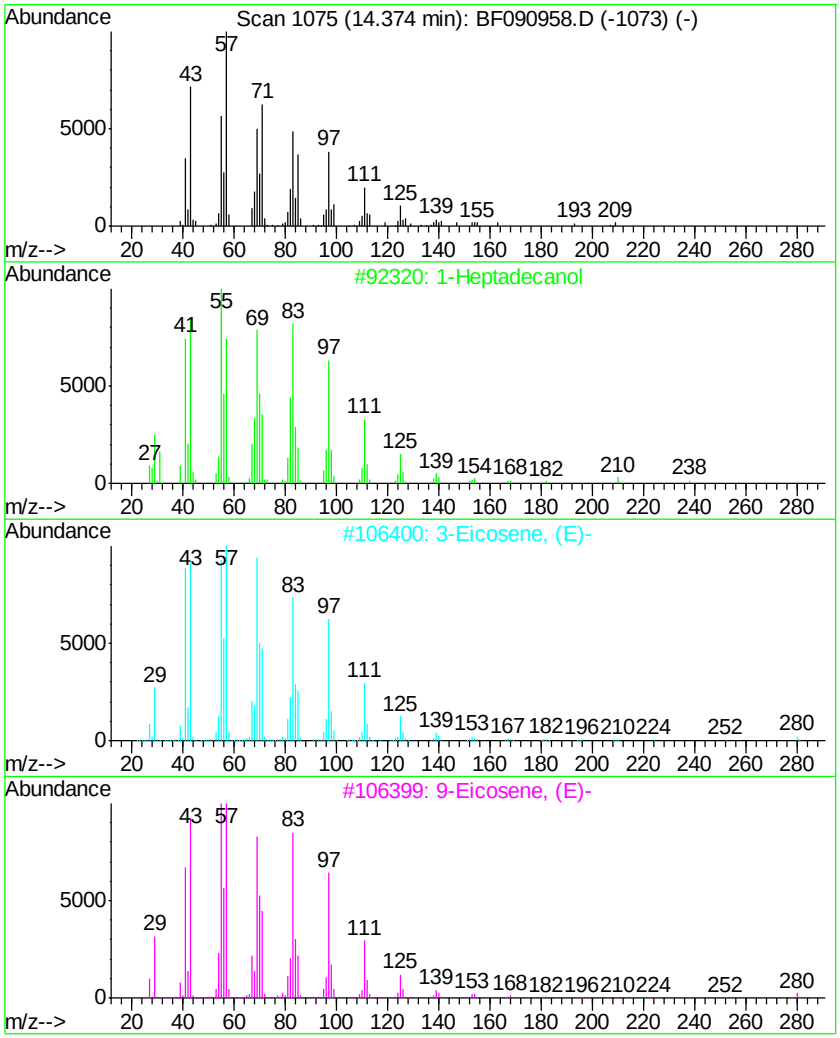
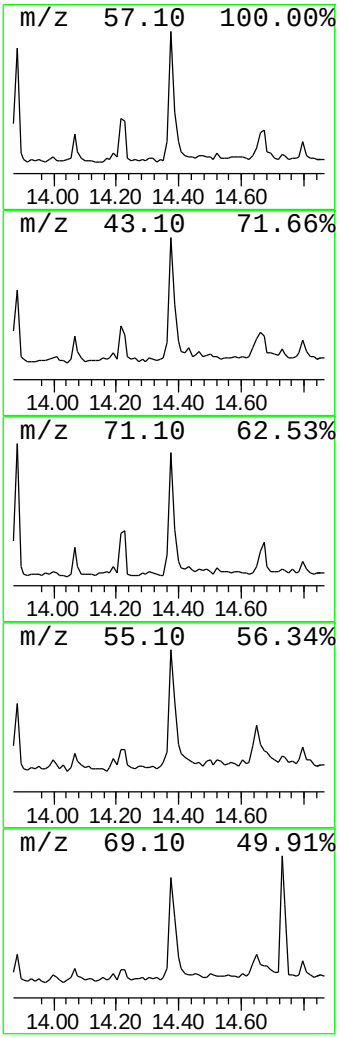
Peak Number 10 1-Heptadecanol Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.37 | 3.17 ng | 214390 | Chrysene-d12 | 13.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptadecanol | 256 | C17H36O | 001454-85-9 | 76 |
| 2 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 68 |
| 3 | 9-Eicosene, (E)- | 280 | C20H40 | 074685-29-3 | 68 |
| 4 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 58 |
| 5 | 1-Hexacosanol | 382 | C26H54O | 000506-52-5 | 58 |



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Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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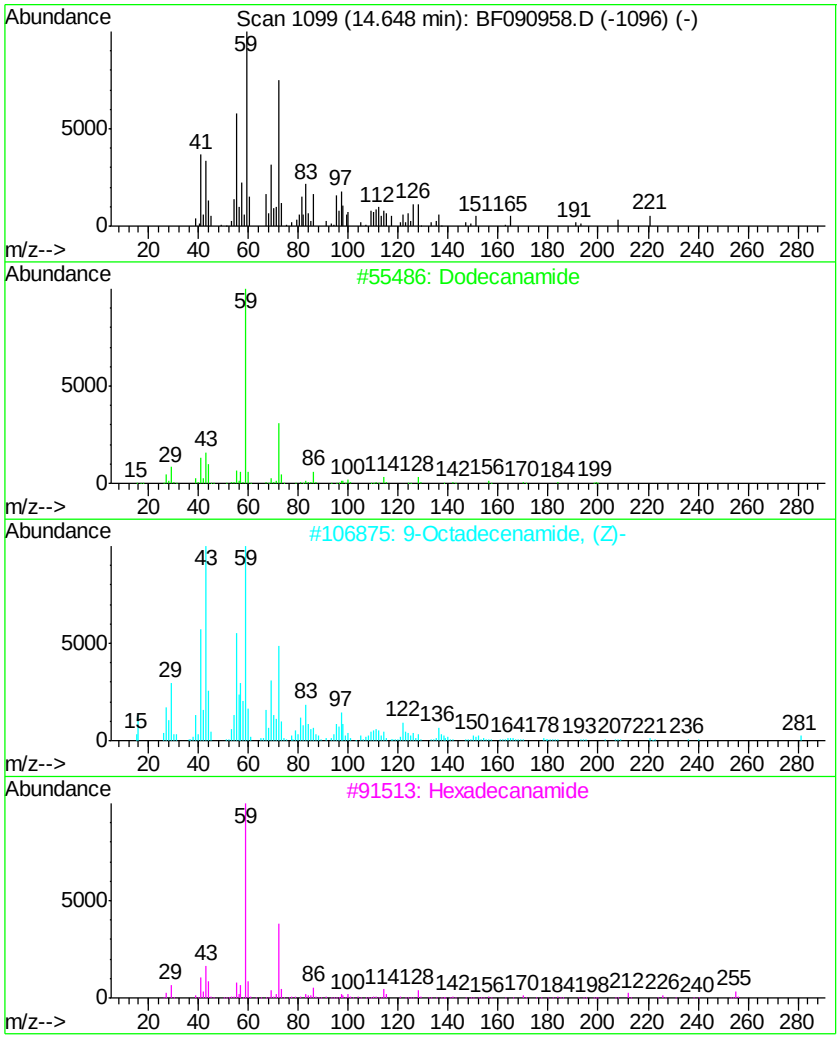
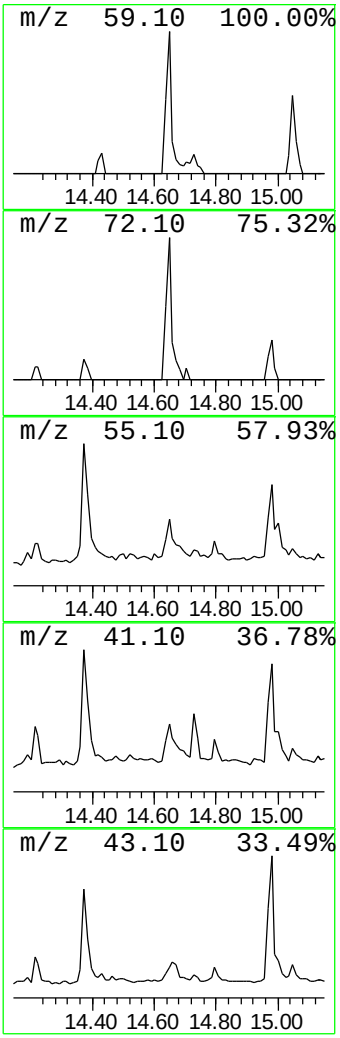
Peak Number 11 Dodecanamide Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.65 | 2.57 ng | 110481 | Perylene-d12 | 15.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecanamide | 199 | C12H25NO | 001120-16-7 | 59 |
| 2 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 47 |
| 3 | Hexadecanamide | 255 | C16H33NO | 000629-54-9 | 45 |
| 4 | Decanamide- | 171 | C10H21NO | 002319-29-1 | 43 |
| 5 | 2,11-Dimethyl-2,11-dodecanediol | 230 | C14H30O2 | 022092-59-7 | 35 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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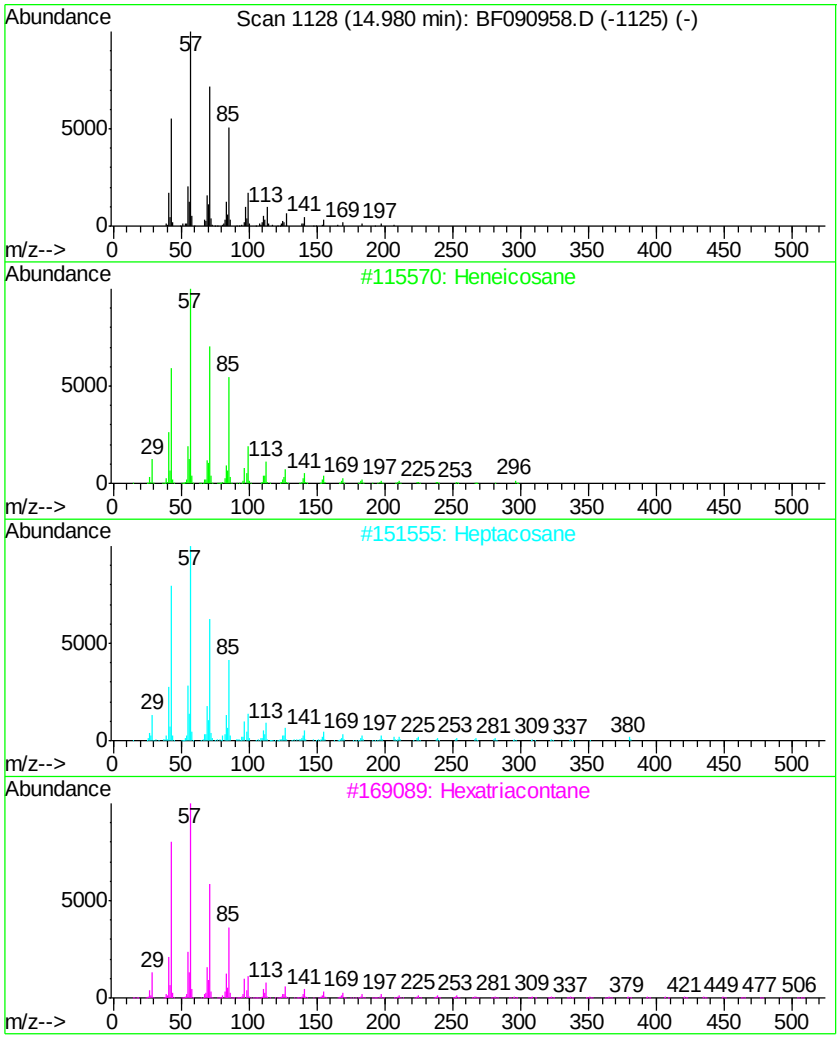
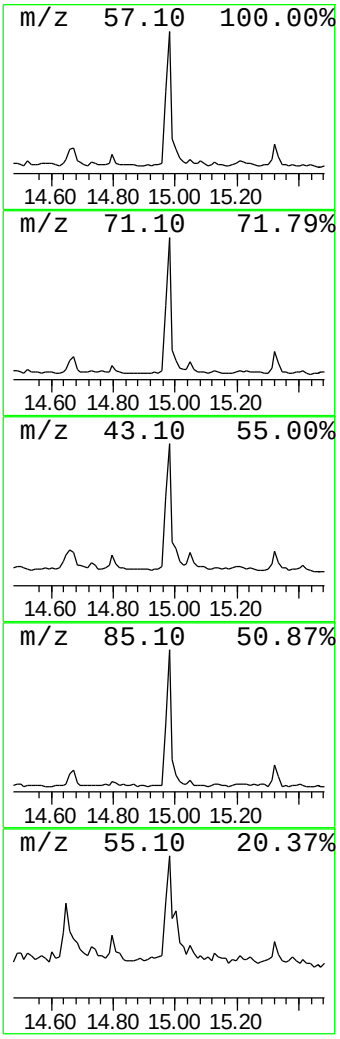
Peak Number 12 Heneicosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.98 | 5.81 ng | 249587 | Perylene-d12 | 15.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 5 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 90 |



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Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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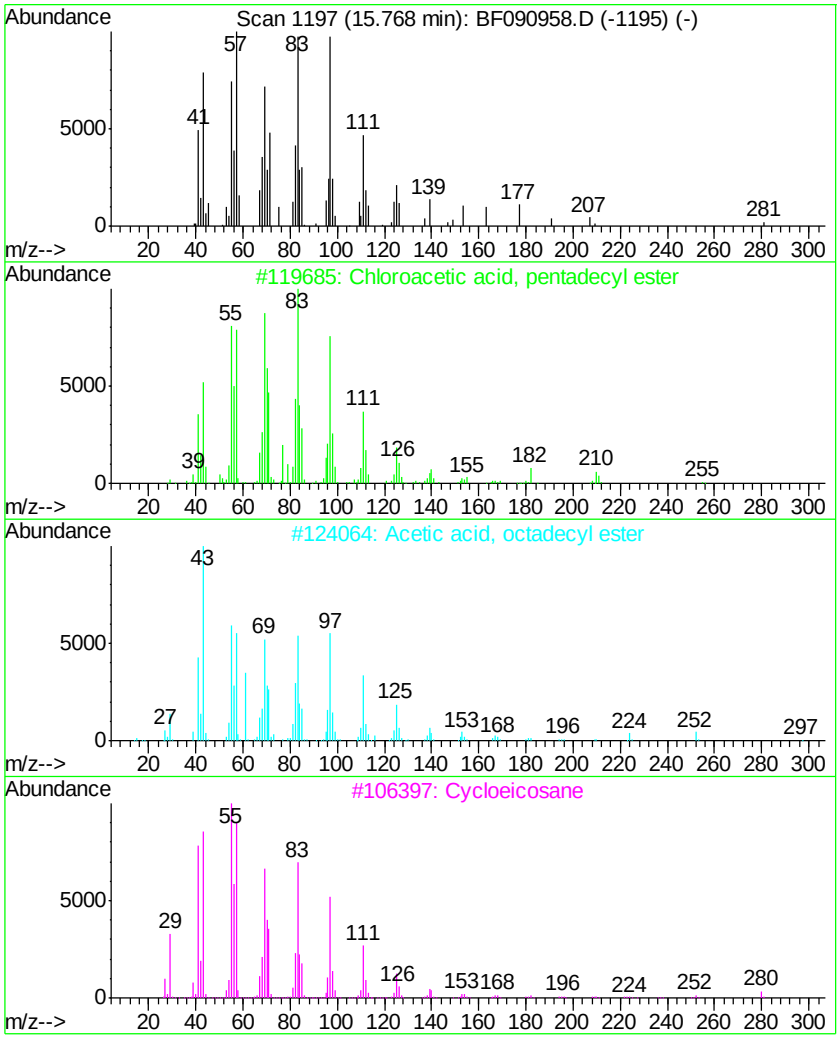
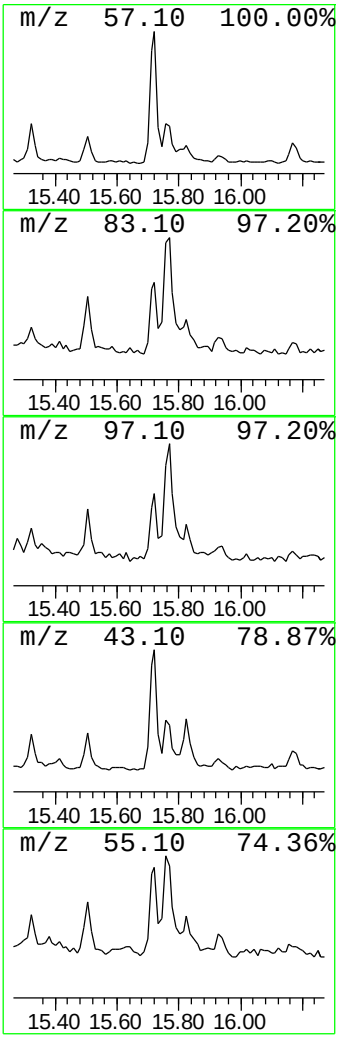
Peak Number 14 Chloroacetic acid, pentadec... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.77 | 2.39 ng | 102639 | Perylene-d12 | 15.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Chloroacetic acid, pentadecyl ester | 304 | C17H33ClO2 | 070301-47-2 | 91 |
| 2 | Acetic acid, octadecyl ester | 312 | C20H40O2 | 000822-23-1 | 91 |
| 3 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 90 |
| 4 | Bromoacetic acid, hexadecyl ester | 362 | C18H35BrO2 | 005454-48-8 | 90 |
| 5 | Bacteriochlorophyll-c-stearyl | 841 | C52H72MgN4O4 | 1000164-49-7 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090958.D
Acq On : 1 Nov 2016 18:37
Operator : UM/SJ
Sample : H5489-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75-17.5-18.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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... | 4.90 | 25.1 | ng | 1192300 | 1 | 6.74 | 951480 | 20.0 |
| unknown6.51 | 6.51 | 105.0 | ng | 4992660 | 1 | 6.74 | 951480 | 20.0 |
| Eicosane | 10.21 | 2.2 | ng | 177073 | 3 | 9.78 | 1630650 | 20.0 |
| Hexadecane | 10.68 | 2.7 | ng | 209705 | 4 | 11.25 | 1562180 | 20.0 |
| 2-Tetradecene, (E)- | 11.49 | 4.5 | ng | 351858 | 4 | 11.25 | 1562180 | 20.0 |
| Cyclotetradecane | 12.31 | 13.5 | ng | 1054500 | 4 | 11.25 | 1562180 | 20.0 |
| 4,8,12,16-Tetrame... | 13.29 | 2.5 | ng | 169736 | 5 | 13.88 | 1354280 | 20.0 |
| Trifluoroacetic a... | 13.75 | 8.0 | ng | 543652 | 5 | 13.88 | 1354280 | 20.0 |
| 1-Heptadecanol | 14.37 | 3.2 | ng | 214390 | 5 | 13.88 | 1354280 | 20.0 |
| Dodecanamide | 14.65 | 2.6 | ng | 110481 | 6 | 15.29 | 859536 | 20.0 |
| Heneicosane | 14.98 | 5.8 | ng | 249587 | 6 | 15.29 | 859536 | 20.0 |
| Chloroacetic acid... | 15.77 | 2.4 | ng | 102639 | 6 | 15.29 | 859536 | 20.0 |