LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

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-BF050416.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 | 244 | 246 | 253 | rBV | 63456 | 101774 | 2.15% | 0.280% |
| 2 | 5.310 | 280 | 282 | 297 | rBV | 1647931 | 1822082 | 38.49% | 5.015% |
| 3 | 6.362 | 372 | 374 | 380 | rBV | 1028540 | 1184417 | 25.02% | 3.260% |
| 4 | 6.476 | 382 | 384 | 387 | rBV | 3266140 | 3331433 | 70.37% | 9.170% |
| 5 | 6.704 | 401 | 404 | 406 | rBV | 1095447 | 1012532 | 21.39% | 2.787% |
| 6 | 6.864 | 415 | 418 | 420 | rBV | 2742712 | 3308996 | 69.89% | 9.108% |
| 7 | 7.276 | 451 | 454 | 457 | rBV | 2595711 | 2757282 | 58.24% | 7.589% |
| 8 | 7.402 | 463 | 465 | 469 | rVB | 47932 | 69529 | 1.47% | 0.191% |
| 9 | 7.996 | 514 | 517 | 519 | rBV | 1036503 | 1304817 | 27.56% | 3.591% |
| 10 | 9.070 | 608 | 611 | 613 | rBV | 4721189 | 4734401 | 100.00% | 13.031% |
| 11 | 9.470 | 644 | 646 | 650 | rVB | 119534 | 130631 | 2.76% | 0.360% |
| 12 | 9.676 | 663 | 664 | 667 | rBV | 44244 | 51317 | 1.08% | 0.141% |
| 13 | 9.745 | 667 | 670 | 672 | rBV | 1335269 | 1461049 | 30.86% | 4.022% |
| 14 | 10.156 | 703 | 706 | 707 | rBV2 | 40006 | 62043 | 1.31% | 0.171% |
| 15 | 10.179 | 707 | 708 | 710 | rVB | 165160 | 125007 | 2.64% | 0.344% |
| 16 | 10.396 | 724 | 727 | 730 | rBV | 52464 | 93687 | 1.98% | 0.258% |
| 17 | 10.533 | 736 | 739 | 741 | rBV | 3000867 | 3316426 | 70.05% | 9.128% |
| 18 | 10.648 | 747 | 749 | 754 | rVB | 176207 | 223489 | 4.72% | 0.615% |
| 19 | 11.093 | 787 | 788 | 790 | rBV | 120706 | 128831 | 2.72% | 0.355% |
| 20 | 11.219 | 797 | 799 | 802 | rBV | 1523233 | 1368792 | 28.91% | 3.768% |
| 21 | 11.276 | 802 | 804 | 808 | rVB | 42404 | 68603 | 1.45% | 0.189% |
| 22 | 11.528 | 823 | 826 | 829 | rBV | 44619 | 70813 | 1.50% | 0.195% |
| 23 | 11.768 | 844 | 847 | 850 | rBV | 758178 | 767713 | 16.22% | 2.113% |
| 24 | 12.454 | 905 | 907 | 913 | rBV2 | 55437 | 138949 | 2.93% | 0.382% |
| 25 | 12.545 | 913 | 915 | 921 | rVV | 689840 | 855389 | 18.07% | 2.354% |
| 26 | 12.636 | 921 | 923 | 926 | rVB2 | 37532 | 52684 | 1.11% | 0.145% |
| 27 | 12.808 | 935 | 938 | 940 | rBV | 4149526 | 4123468 | 87.10% | 11.350% |
| 28 | 13.036 | 957 | 958 | 960 | rVB | 60921 | 67808 | 1.43% | 0.187% |
| 29 | 13.379 | 986 | 988 | 992 | rVB | 116153 | 130650 | 2.76% | 0.360% |
| 30 | 13.699 | 1014 | 1016 | 1019 | rBV | 501201 | 668595 | 14.12% | 1.840% |
| 31 | 13.848 | 1027 | 1029 | 1033 | rBV | 1100099 | 1078405 | 22.78% | 2.968% |
| 32 | 14.019 | 1042 | 1044 | 1047 | rBV | 140075 | 207400 | 4.38% | 0.571% |
| 33 | 14.328 | 1069 | 1071 | 1077 | rBV | 212382 | 253928 | 5.36% | 0.699% |
| 34 | 14.625 | 1094 | 1097 | 1099 | rBV | 142516 | 170984 | 3.61% | 0.471% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

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-BF050416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 14.922 | 1121 | 1123 | 1128 | rVB | 115194 | 137515 | 2.90% | 0.379% |
| 36 | 15.231 | 1147 | 1150 | 1158 | rVB | 556199 | 799315 | 16.88% | 2.200% |
| 37 | 15.642 | 1184 | 1186 | 1188 | rBV | 49042 | 68945 | 1.46% | 0.190% |
| 38 | 15.688 | 1188 | 1190 | 1194 | rVB2 | 52832 | 81009 | 1.71% | 0.223% |

Sum of corrected areas: 36330708

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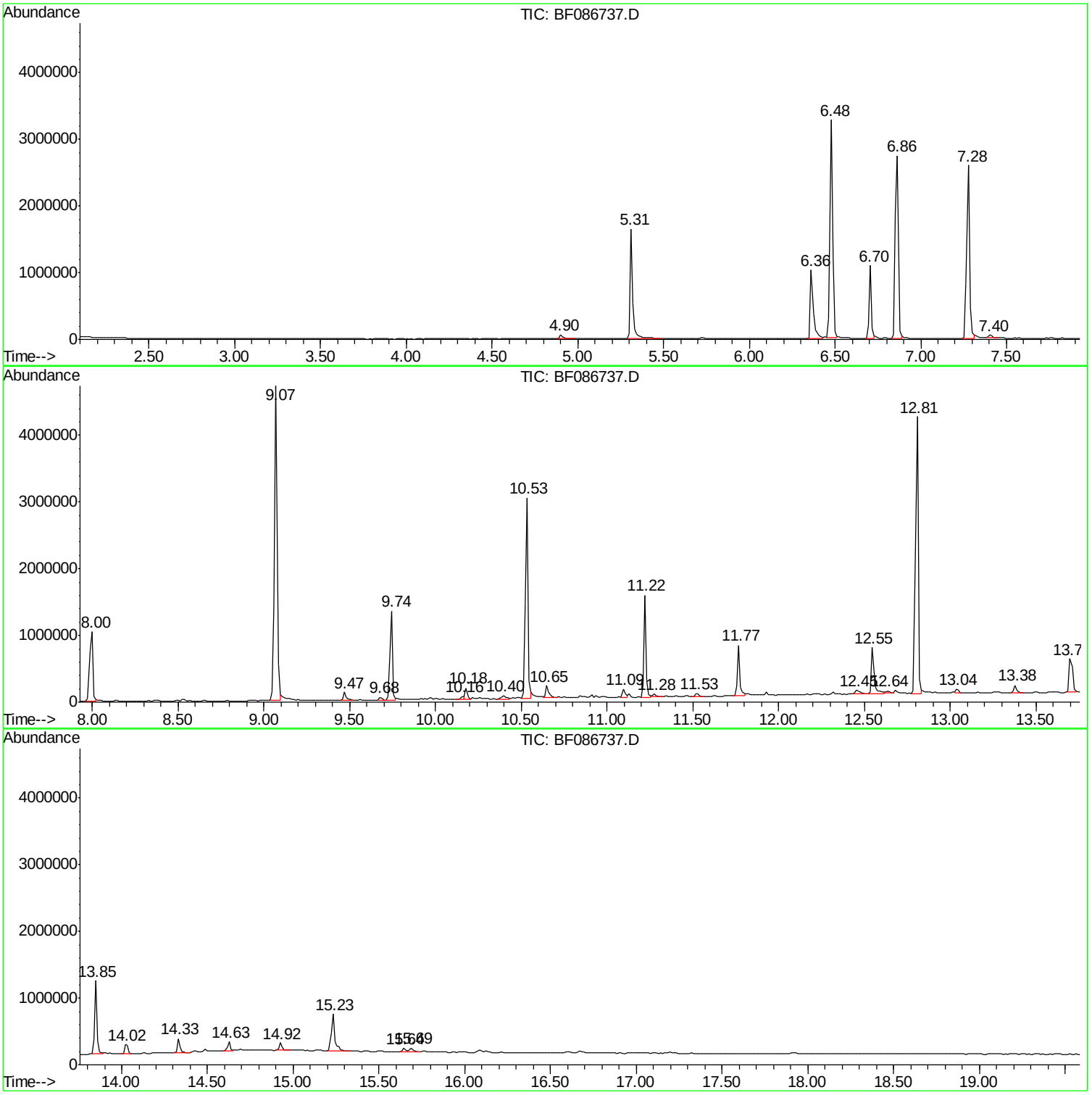
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

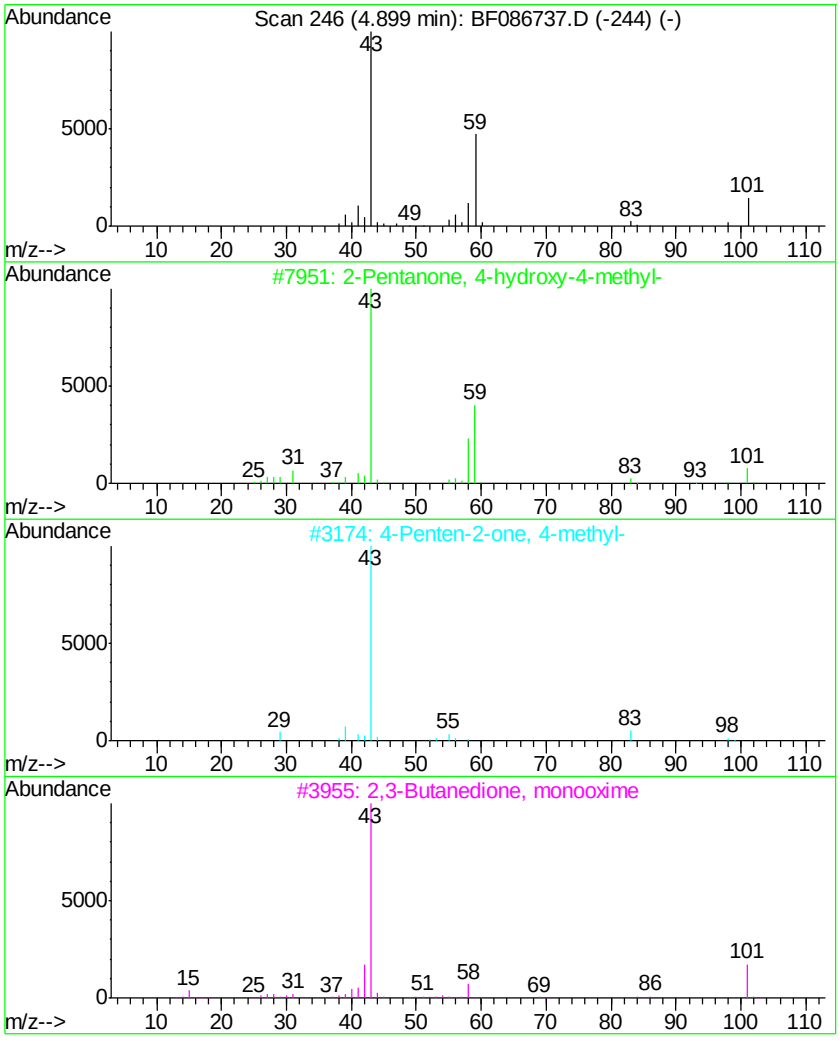
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

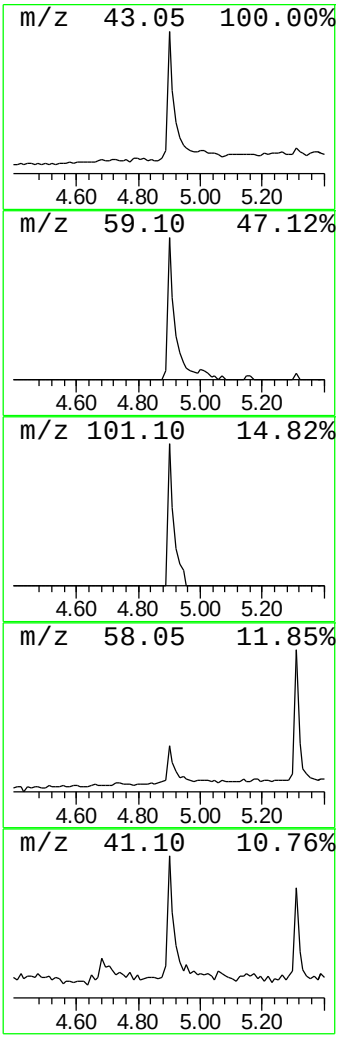
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.90 | 4.02 ng | 101774 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | 4-Penten-2-one, 4-methyl- | 98 | C6H10O | 003744-02-3 | 10 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 4 | Diacetamide | 101 | C4H7NO2 | 000625-77-4 | 9 |
| 5 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 9 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

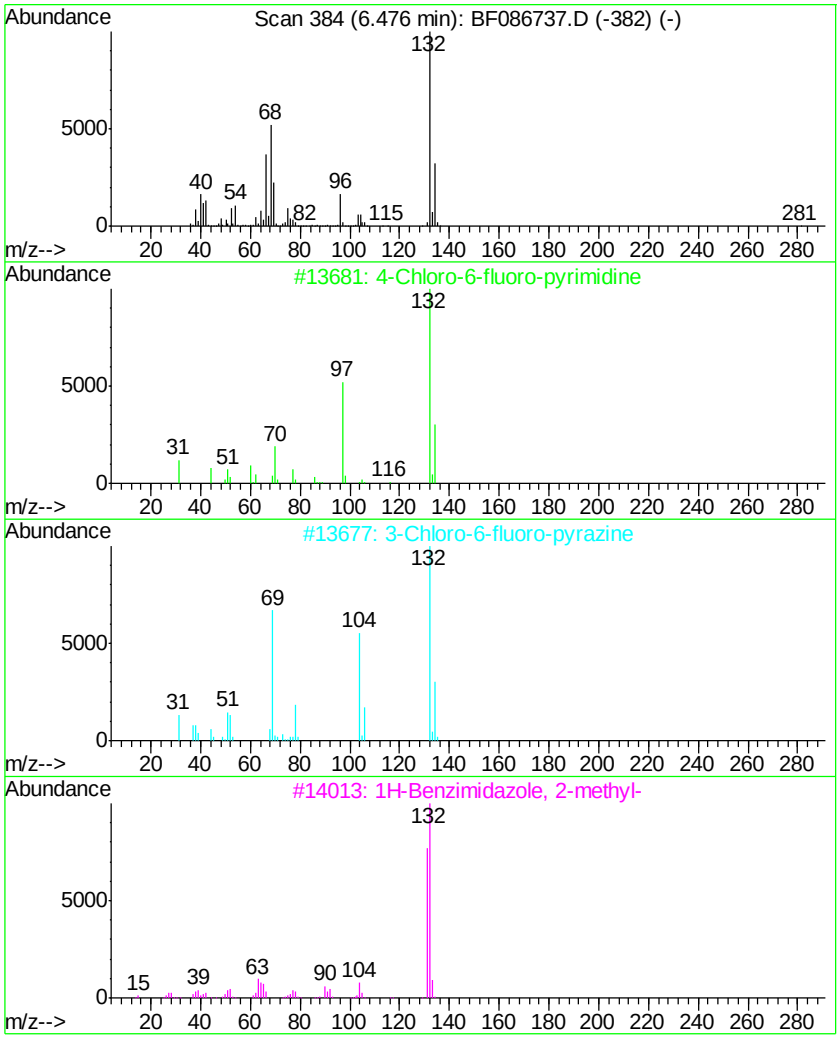
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

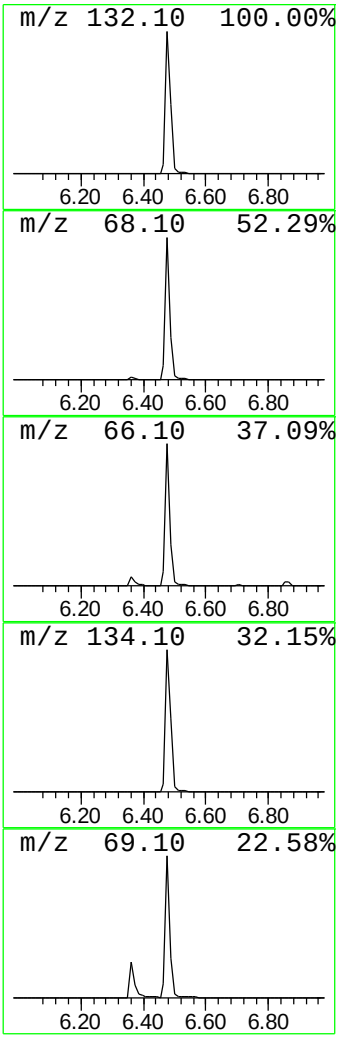
**********

Peak Number 2 unknown6.48 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.48 | 131.61 ng | 3331430 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 27 |
| 2 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 3 | 1H-Benzimidazole, 2-methyl- | 132 | C8H8N2 | 000615-15-6 | 22 |
| 4 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 22 |
| 5 | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2 | 034760-58-2 | 22 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

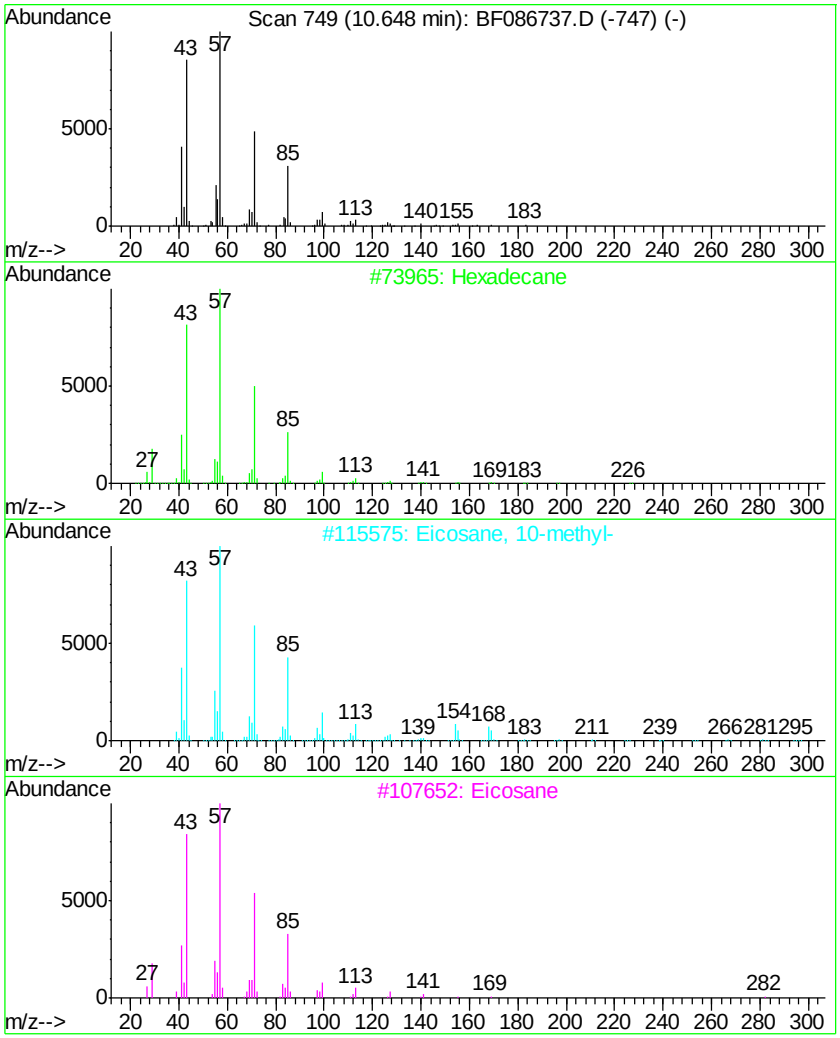
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

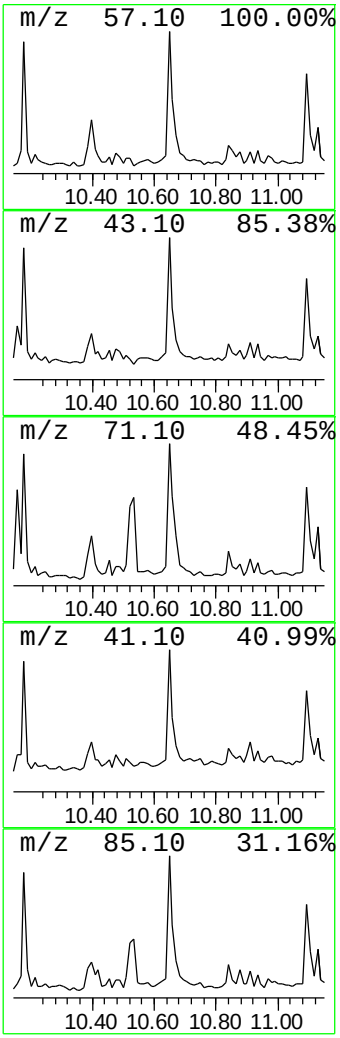
**********

Peak Number 4 Hexadecane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.65 | 6.53 ng | 223489 | Phenanthrene-d10 | 11.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 90 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 80 |
| 4 | Heptadecane, 2,6-dimethyl- | 268 | C19H40 | 054105-67-8 | 72 |
| 5 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 72 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

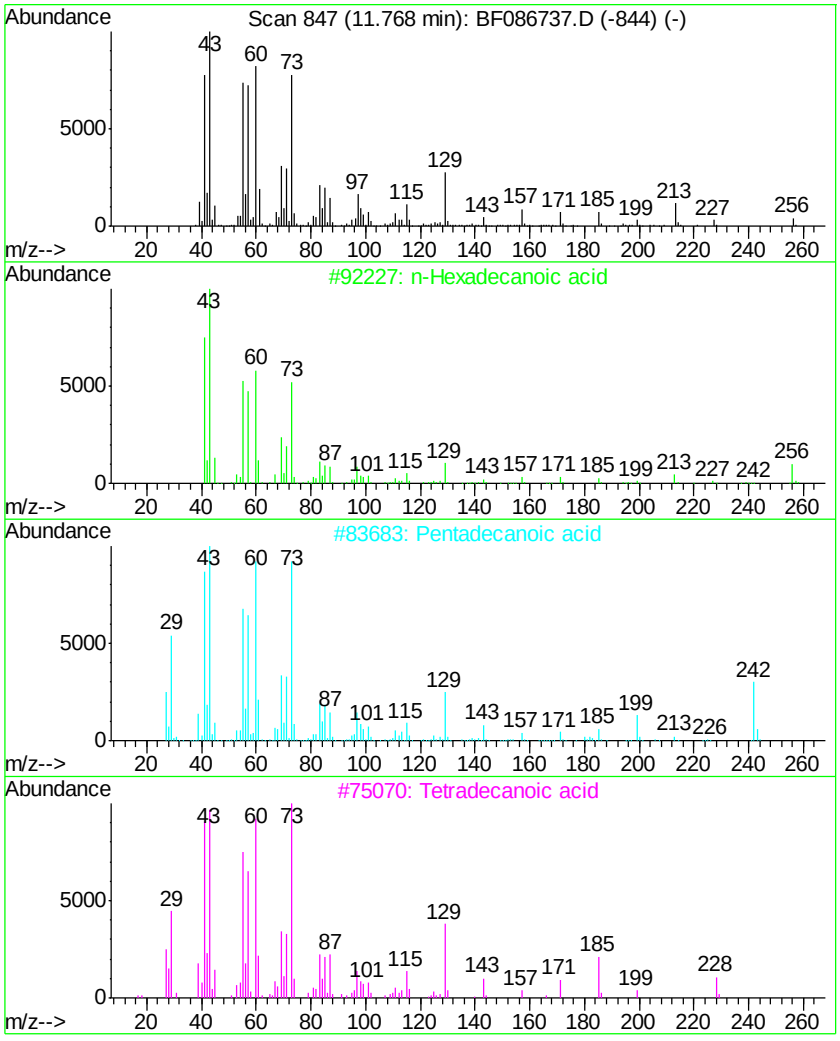
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

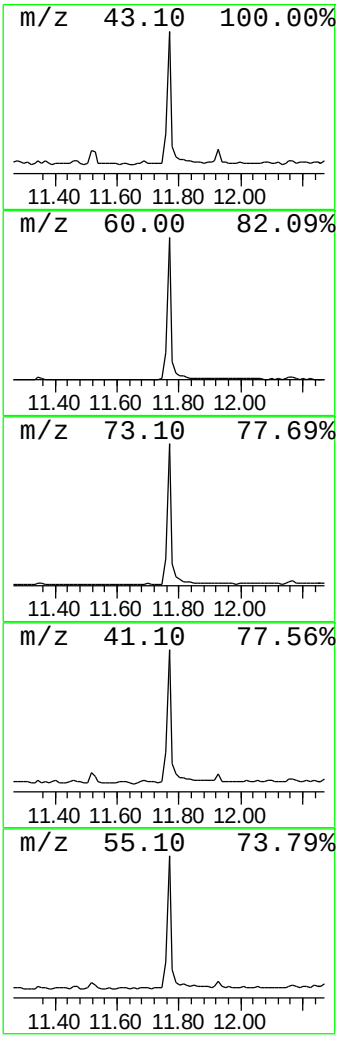
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.77 | 22.43 ng | 767713 | Phenanthrene-d10 | 11.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 80 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 72 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

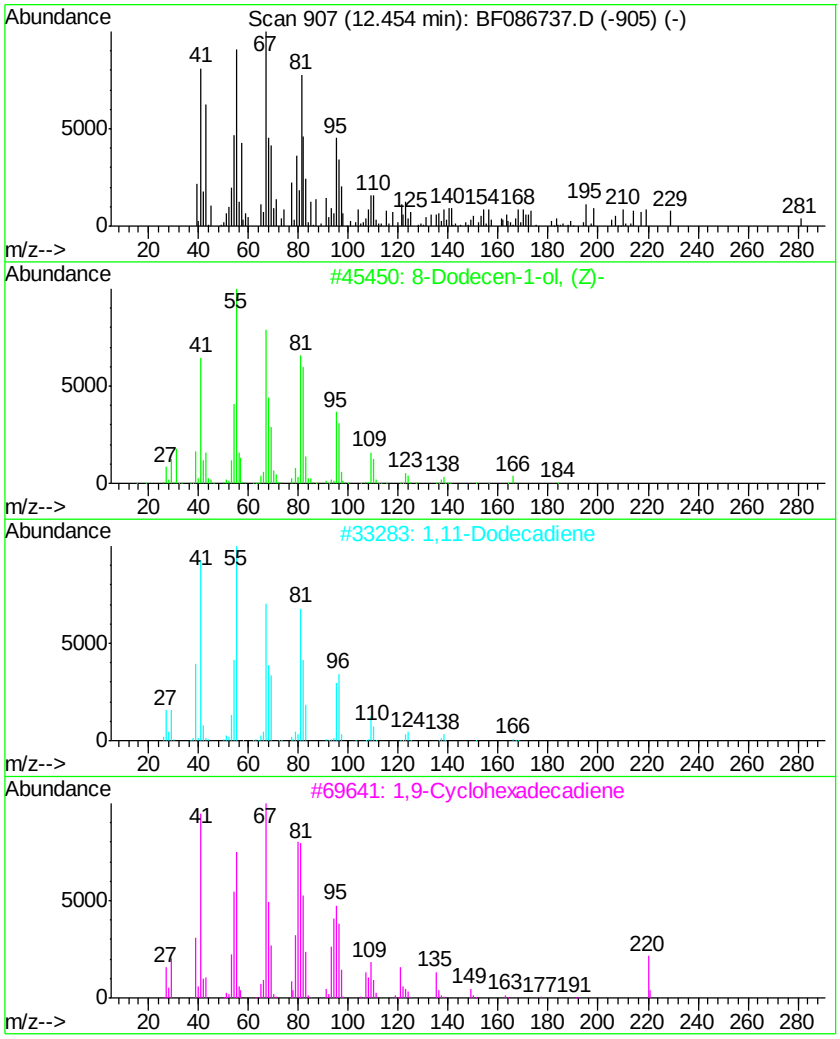
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

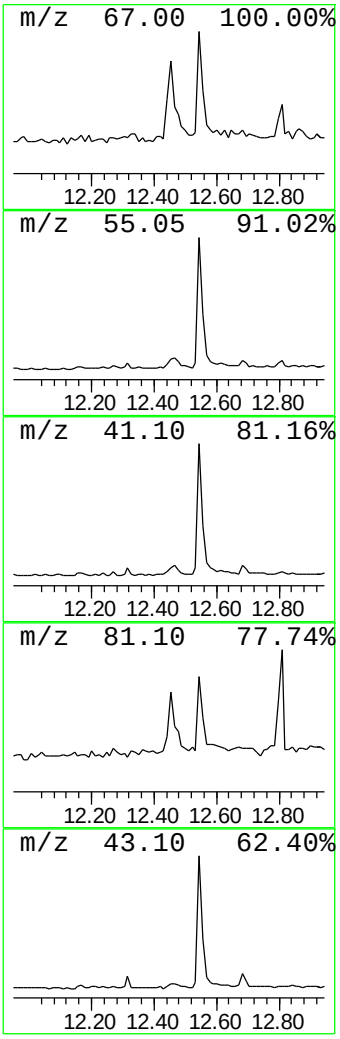
**********

Peak Number 6 8-Dodecen-1-ol, (Z)- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.45 | 4.06 ng | 138949 | Phenanthrene-d10 | 11.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 8-Dodecen-1-ol, (Z)- | 184 | C12H24O | 040642-40-8 | 90 |
| 2 | 1,11-Dodecadiene | 166 | C12H22 | 005876-87-9 | 89 |
| 3 | 1,9-Cyclohexadecadiene | 220 | C16H28 | 004277-06-9 | 87 |
| 4 | 9,12-Octadecadienoic acid (Z,Z)- | 280 | C18H32O2 | 000060-33-3 | 86 |
| 5 | 2-Chloroethyl linoleate | 342 | C20H35ClO2 | 025525-76-2 | 74 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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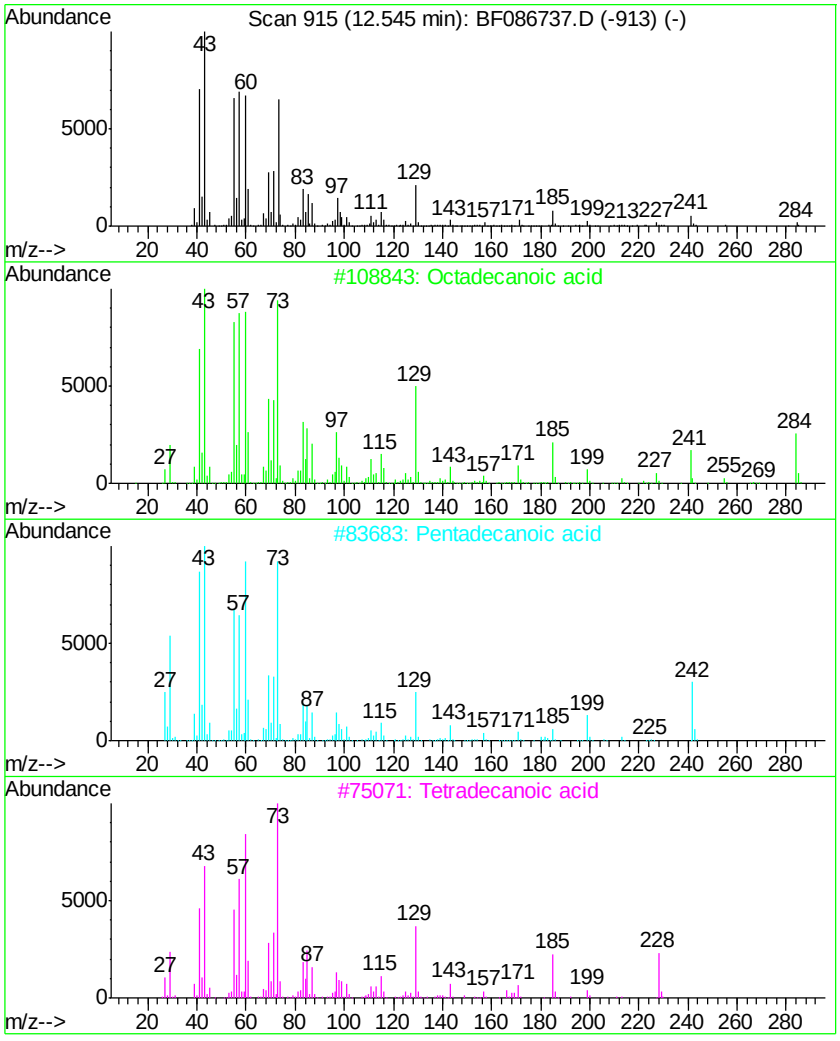
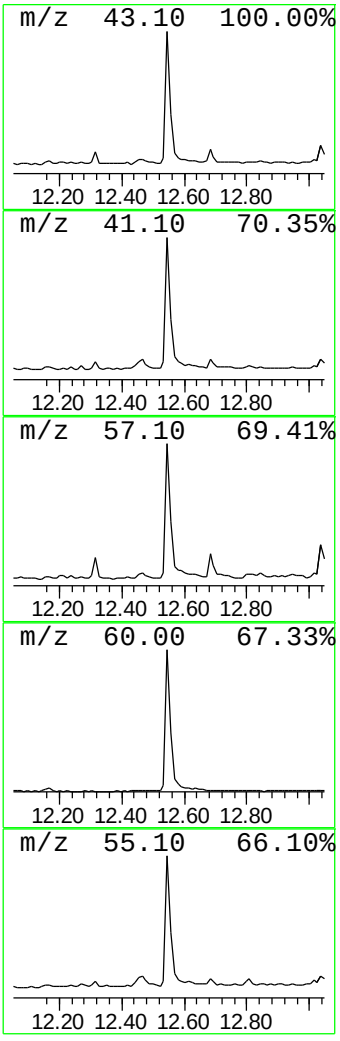
Peak Number 7 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.55 | 31.73 ng | 855389 | Chrysene-d12 | 13.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 76 |



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Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

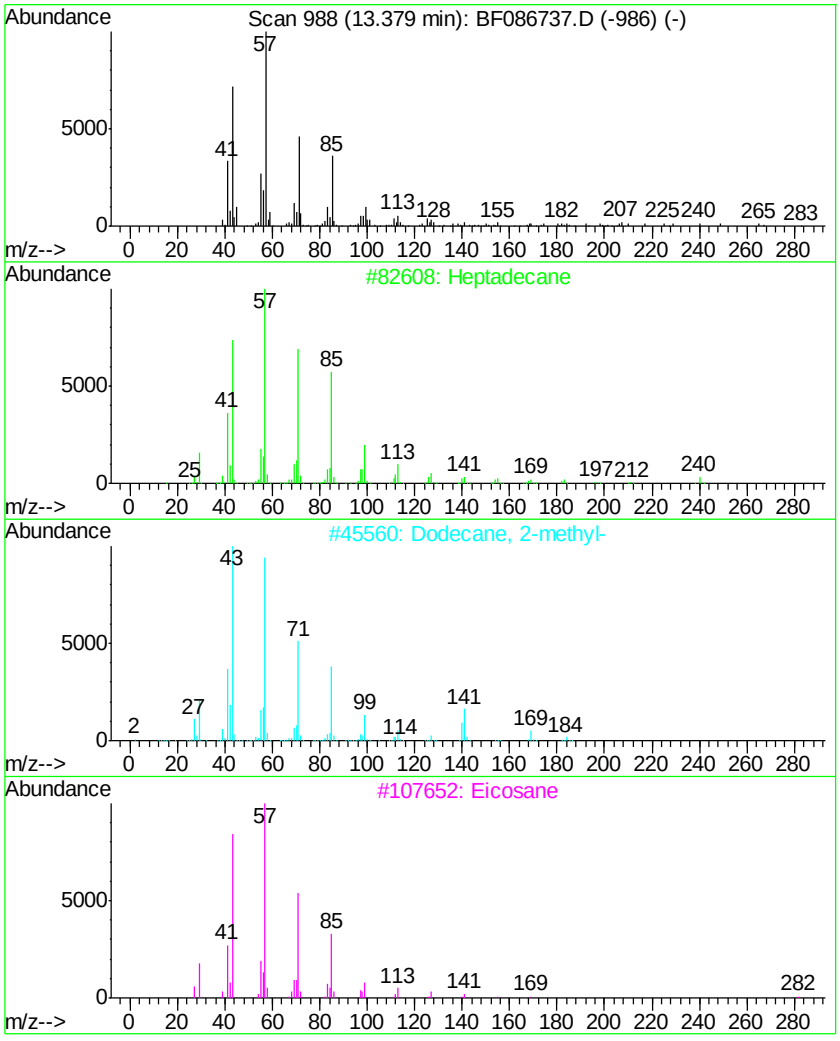
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

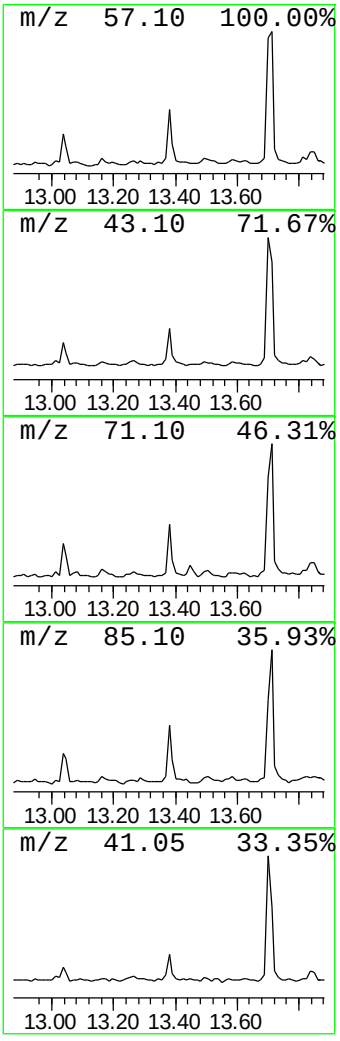
**********

Peak Number 8 Heptadecane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.38 | 4.85 ng | 130650 | Chrysene-d12 | 13.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 93 |
| 2 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 87 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 83 |
| 4 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 83 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 81 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

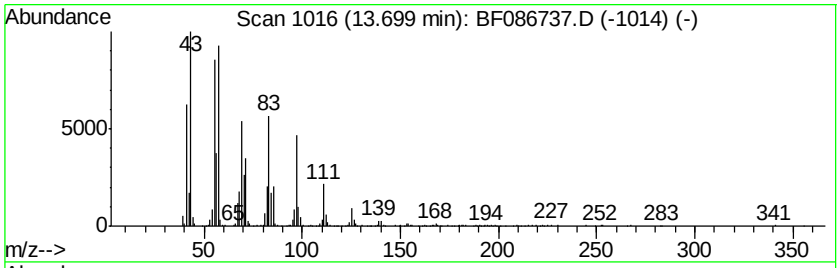
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

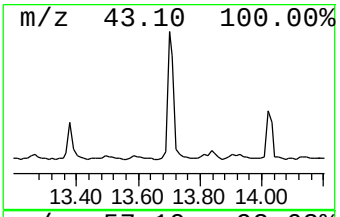
**********

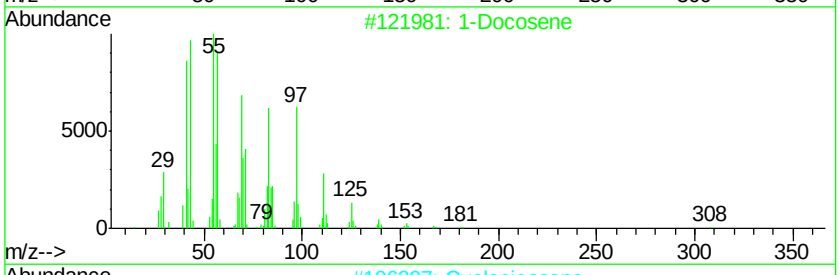
Peak Number 9 1-Docosene Concentration Rank 4

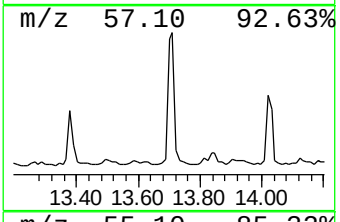
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.70 | 24.80 ng | 668595 | Chrysene-d12 | 13.85 |

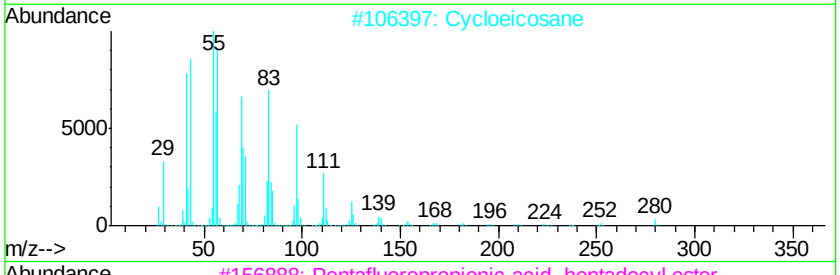
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 2 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 91 |
| 3 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 1000283-04-2 | 91 |
| 4 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |
| 5 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 91 |

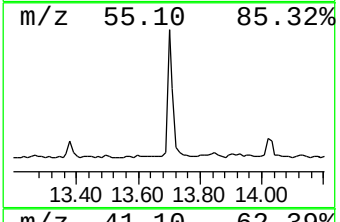


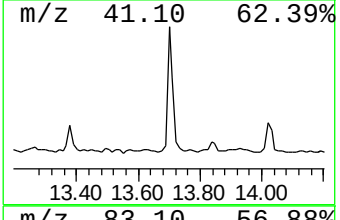



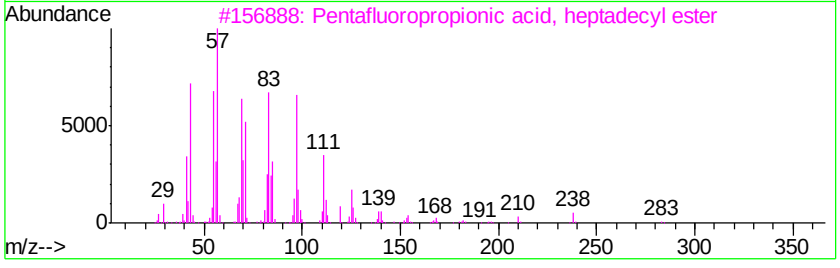



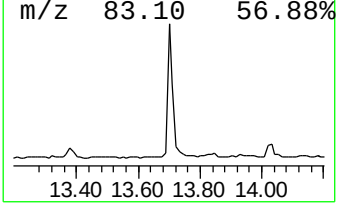



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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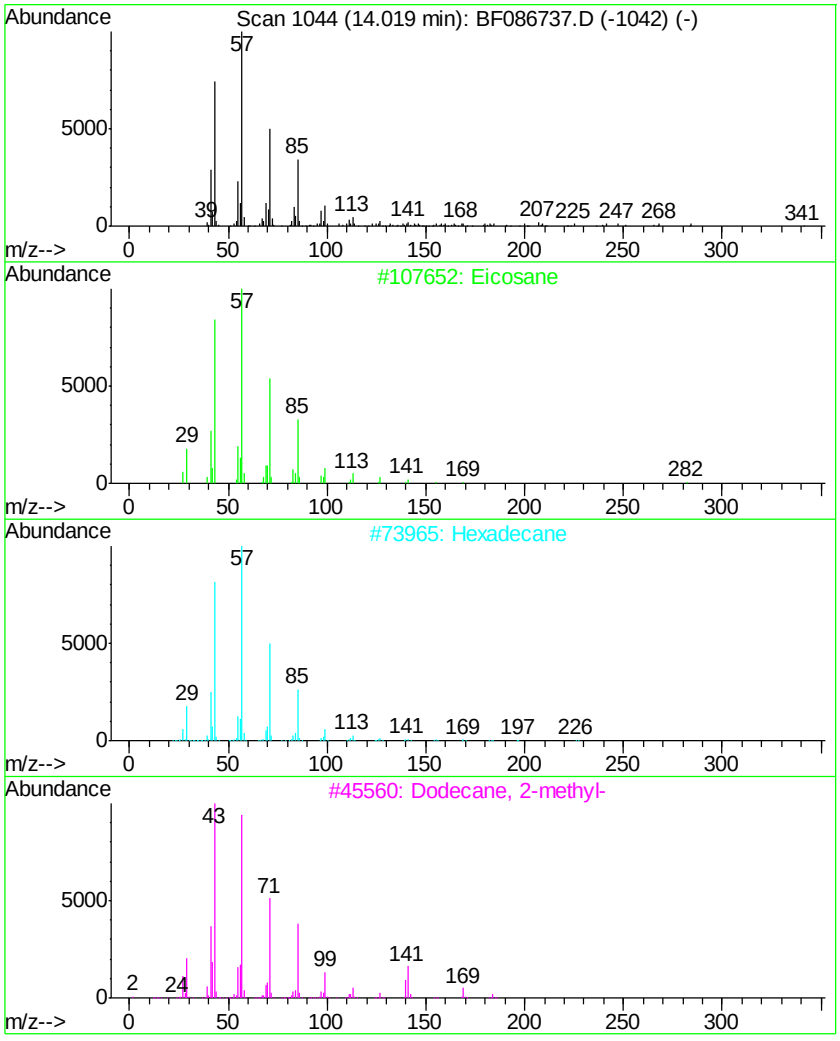
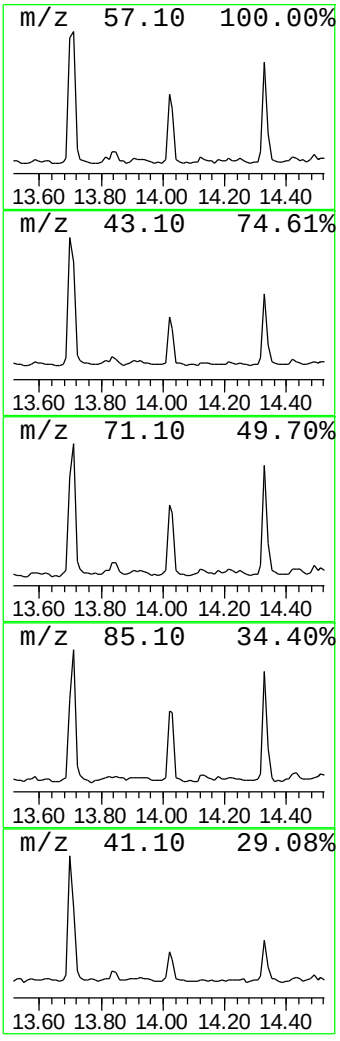
Peak Number 10 Eicosane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.02 | 7.69 ng | 207400 | Chrysene-d12 | 13.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 87 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 3 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 81 |
| 4 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 80 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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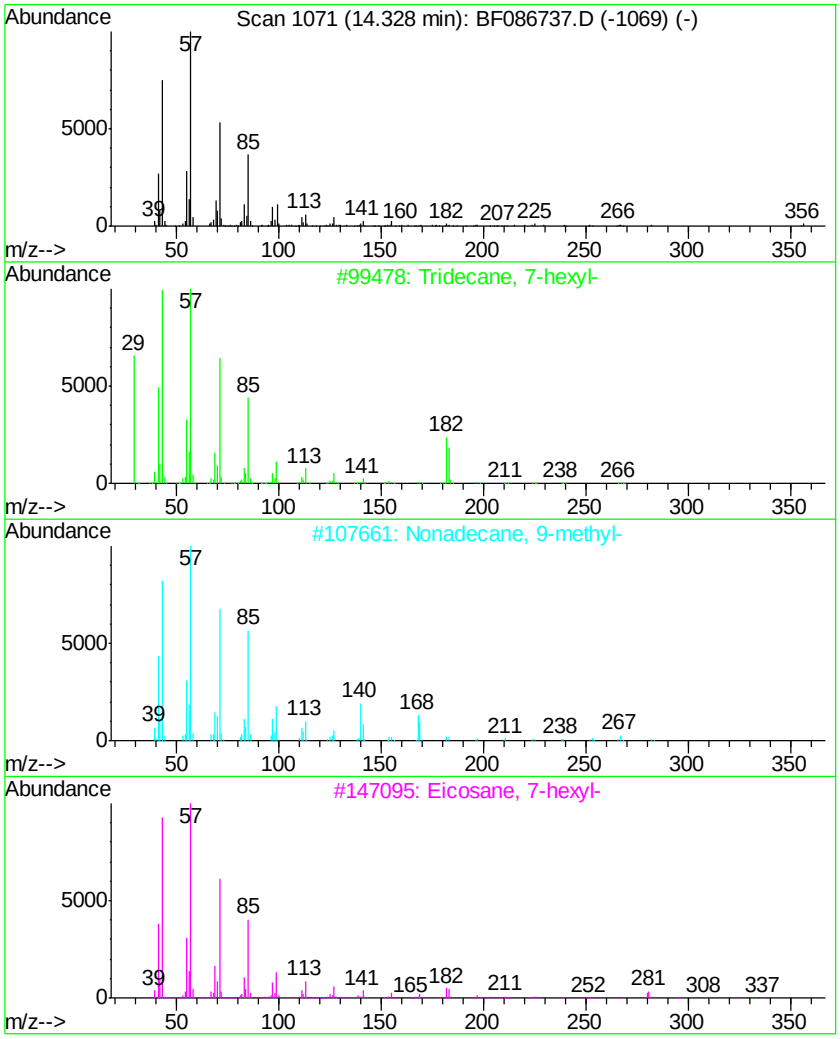
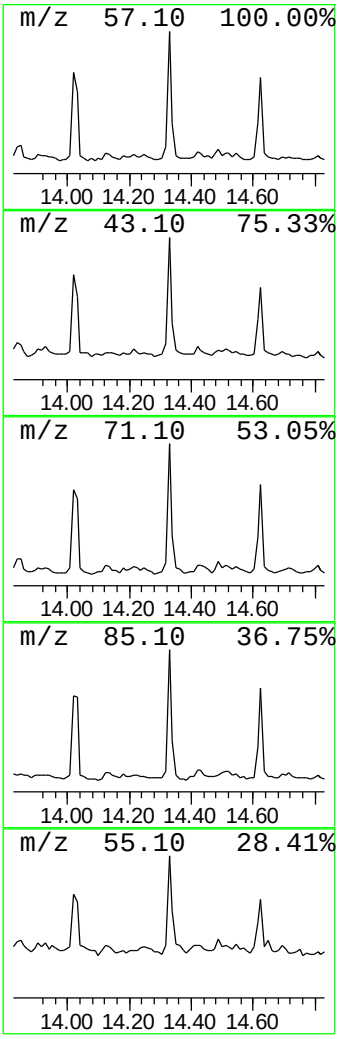
Peak Number 11 Tridecane, 7-hexyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.33 | 9.42 ng | 253928 | Chrysene-d12 | 13.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 95 |
| 2 | Nonadecane, 9-methyl- | 282 | C20H42 | 013287-24-6 | 93 |
| 3 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 91 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 5 | Docosane, 7-butyl- | 366 | C26H54 | 055282-15-0 | 87 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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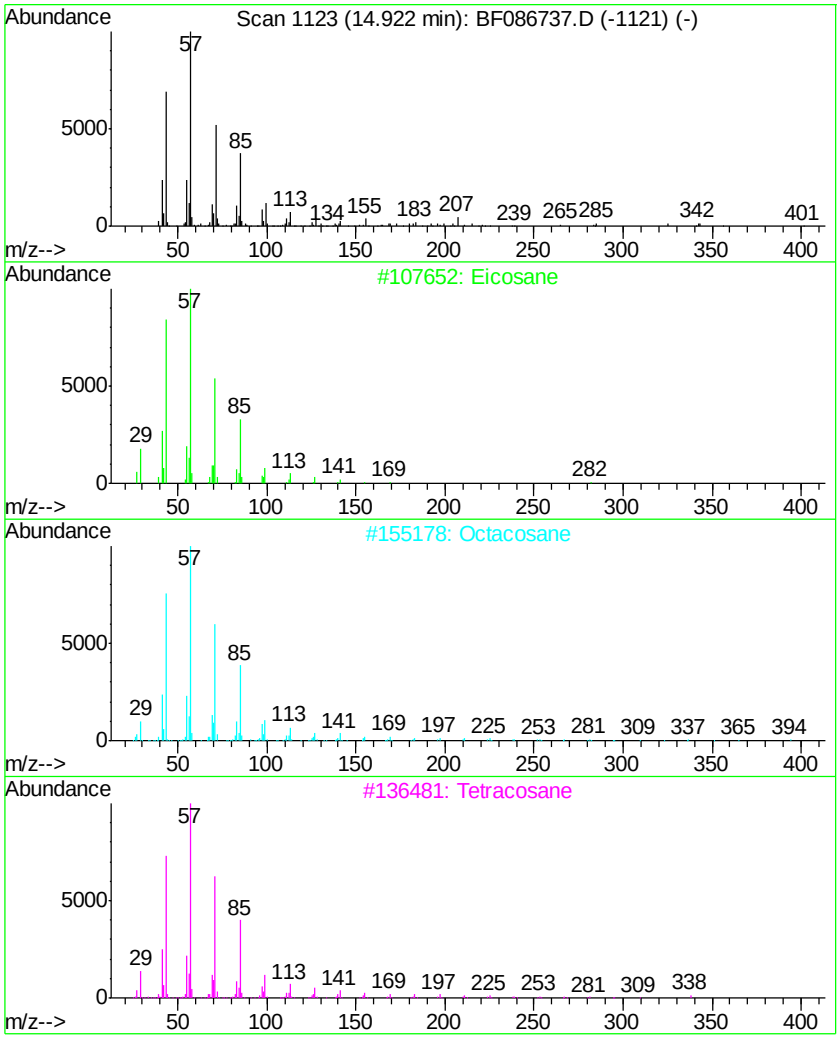
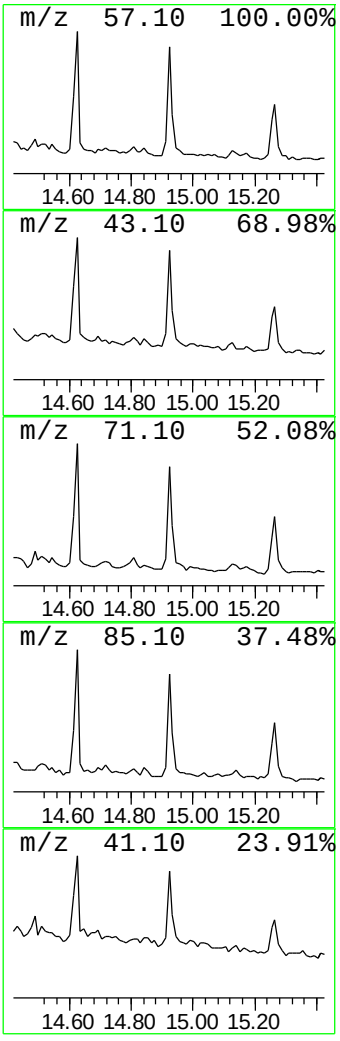
Peak Number 13 Octacosane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.92 | 6.88 ng | 137515 | Perylene-d12 | 15.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 81 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 74 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 74 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 74 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 74 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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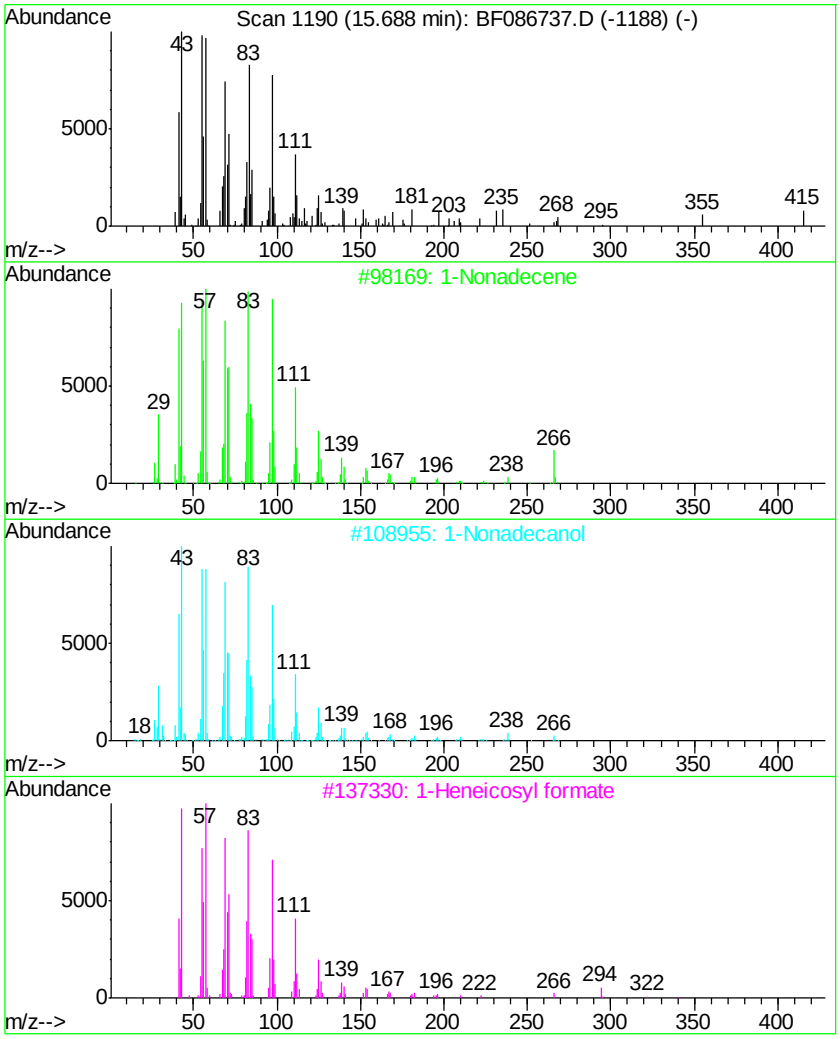
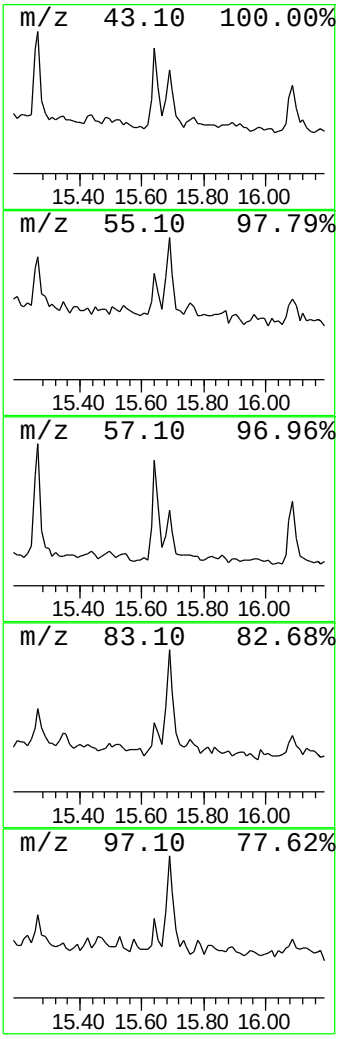
Peak Number 14 1-Nonadecene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.69 | 4.05 ng | 81009 | Perylene-d12 | 15.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 94 |
| 2 | 1-Nonadecanol | 284 | C19H40O | 001454-84-8 | 91 |
| 3 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 91 |
| 4 | Chloroacetic acid, dodecyl ester | 262 | C14H27ClO2 | 006316-04-7 | 86 |
| 5 | Z-5-Nonadecene | 266 | C19H38 | 1000131-11-8 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086737.D
Acq On : 6 May 2016 21:30
Operator : UM/SJ
Sample : H2770-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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 | 4.0 | ng | 101774 | 1 | 6.70 | 1012530 | 40.0 |
| unknown6.48 | 6.48 | 131.6 | ng | 3331430 | 1 | 6.70 | 1012530 | 40.0 |
| Hexadecane | 10.65 | 6.5 | ng | 223489 | 4 | 11.22 | 1368790 | 40.0 |
| n-Hexadecanoic acid | 11.77 | 22.4 | ng | 767713 | 4 | 11.22 | 1368790 | 40.0 |
| 8-Dodecen-1-ol, (Z)- | 12.45 | 4.1 | ng | 138949 | 4 | 11.22 | 1368790 | 40.0 |
| Octadecanoic acid | 12.55 | 31.7 | ng | 855389 | 5 | 13.85 | 1078410 | 40.0 |
| Heptadecane | 13.38 | 4.8 | ng | 130650 | 5 | 13.85 | 1078410 | 40.0 |
| 1-Docosene | 13.70 | 24.8 | ng | 668595 | 5 | 13.85 | 1078410 | 40.0 |
| Eicosane | 14.02 | 7.7 | ng | 207400 | 5 | 13.85 | 1078410 | 40.0 |
| Tridecane, 7-hexyl- | 14.33 | 9.4 | ng | 253928 | 5 | 13.85 | 1078410 | 40.0 |
| Octacosane | 14.92 | 6.9 | ng | 137515 | 6 | 15.23 | 799315 | 40.0 |
| 1-Nonadecene | 15.69 | 4.0 | ng | 81009 | 6 | 15.23 | 799315 | 40.0 |