LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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 | 1.713 | 10 | 11 | 65 | rVB | 1303621 | 3270288 | 36.08% | 10.546% |
| 2 | 5.164 | 312 | 313 | 341 | rBV5 | 451680 | 800363 | 8.83% | 2.581% |
| 3 | 6.250 | 406 | 408 | 415 | rBV | 529866 | 751634 | 8.29% | 2.424% |
| 4 | 6.353 | 415 | 417 | 435 | rVB | 835481 | 926134 | 10.22% | 2.986% |
| 5 | 6.582 | 435 | 437 | 448 | rBV | 342759 | 390594 | 4.31% | 1.260% |
| 6 | 6.730 | 448 | 450 | 453 | rBV | 445040 | 637400 | 7.03% | 2.055% |
| 7 | 7.153 | 485 | 487 | 504 | rBV | 400413 | 537071 | 5.92% | 1.732% |
| 8 | 7.873 | 548 | 550 | 552 | rBV | 428881 | 510065 | 5.63% | 1.645% |
| 9 | 8.948 | 641 | 644 | 646 | rBV | 1083531 | 996864 | 11.00% | 3.215% |
| 10 | 9.348 | 677 | 679 | 683 | rBV | 155214 | 137008 | 1.51% | 0.442% |
| 11 | 9.611 | 700 | 702 | 705 | rBV | 520536 | 567996 | 6.27% | 1.832% |
| 12 | 10.399 | 769 | 771 | 778 | rBV | 369917 | 436047 | 4.81% | 1.406% |
| 13 | 10.639 | 789 | 792 | 794 | rBV | 199808 | 201427 | 2.22% | 0.650% |
| 14 | 11.085 | 829 | 831 | 836 | rBV | 318813 | 491833 | 5.43% | 1.586% |
| 15 | 11.428 | 856 | 861 | 863 | rBV | 298020 | 420561 | 4.64% | 1.356% |
| 16 | 11.508 | 865 | 868 | 871 | rBV | 2949535 | 4754002 | 52.44% | 15.330% |
| 17 | 12.205 | 924 | 929 | 930 | rBV2 | 3805634 | 9065124 | 100.00% | 29.232% |
| 18 | 12.297 | 935 | 937 | 940 | rVV | 2057503 | 2000378 | 22.07% | 6.451% |
| 19 | 12.525 | 954 | 957 | 959 | rBV | 175339 | 176805 | 1.95% | 0.570% |
| 20 | 12.674 | 968 | 970 | 973 | rBV | 636547 | 669535 | 7.39% | 2.159% |
| 21 | 12.765 | 976 | 978 | 981 | rVV4 | 45943 | 124124 | 1.37% | 0.400% |
| 22 | 12.879 | 983 | 988 | 990 | rVV3 | 111136 | 300972 | 3.32% | 0.971% |
| 23 | 12.925 | 990 | 992 | 997 | rVV2 | 186546 | 363249 | 4.01% | 1.171% |
| 24 | 13.005 | 997 | 999 | 1004 | rVV2 | 148040 | 396373 | 4.37% | 1.278% |
| 25 | 13.074 | 1004 | 1005 | 1008 | rVV | 120611 | 192086 | 2.12% | 0.619% |
| 26 | 13.222 | 1015 | 1018 | 1020 | rVV2 | 84876 | 142666 | 1.57% | 0.460% |
| 27 | 13.337 | 1024 | 1028 | 1030 | rBV3 | 44880 | 110193 | 1.22% | 0.355% |
| 28 | 13.440 | 1033 | 1037 | 1041 | rVB4 | 141070 | 307022 | 3.39% | 0.990% |
| 29 | 13.680 | 1055 | 1058 | 1059 | rBV | 73086 | 106484 | 1.17% | 0.343% |
| 30 | 13.714 | 1059 | 1061 | 1064 | rBV | 371005 | 483285 | 5.33% | 1.558% |
| 31 | 14.285 | 1109 | 1111 | 1116 | rVV2 | 62541 | 106998 | 1.18% | 0.345% |
| 32 | 15.074 | 1178 | 1180 | 1185 | rBV | 283118 | 402748 | 4.44% | 1.299% |
| 33 | 15.463 | 1211 | 1214 | 1222 | rVV4 | 32998 | 106230 | 1.17% | 0.343% |
| 34 | 15.623 | 1226 | 1228 | 1235 | rVB3 | 45447 | 127603 | 1.41% | 0.411% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
Q8-B5(0-16)C

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

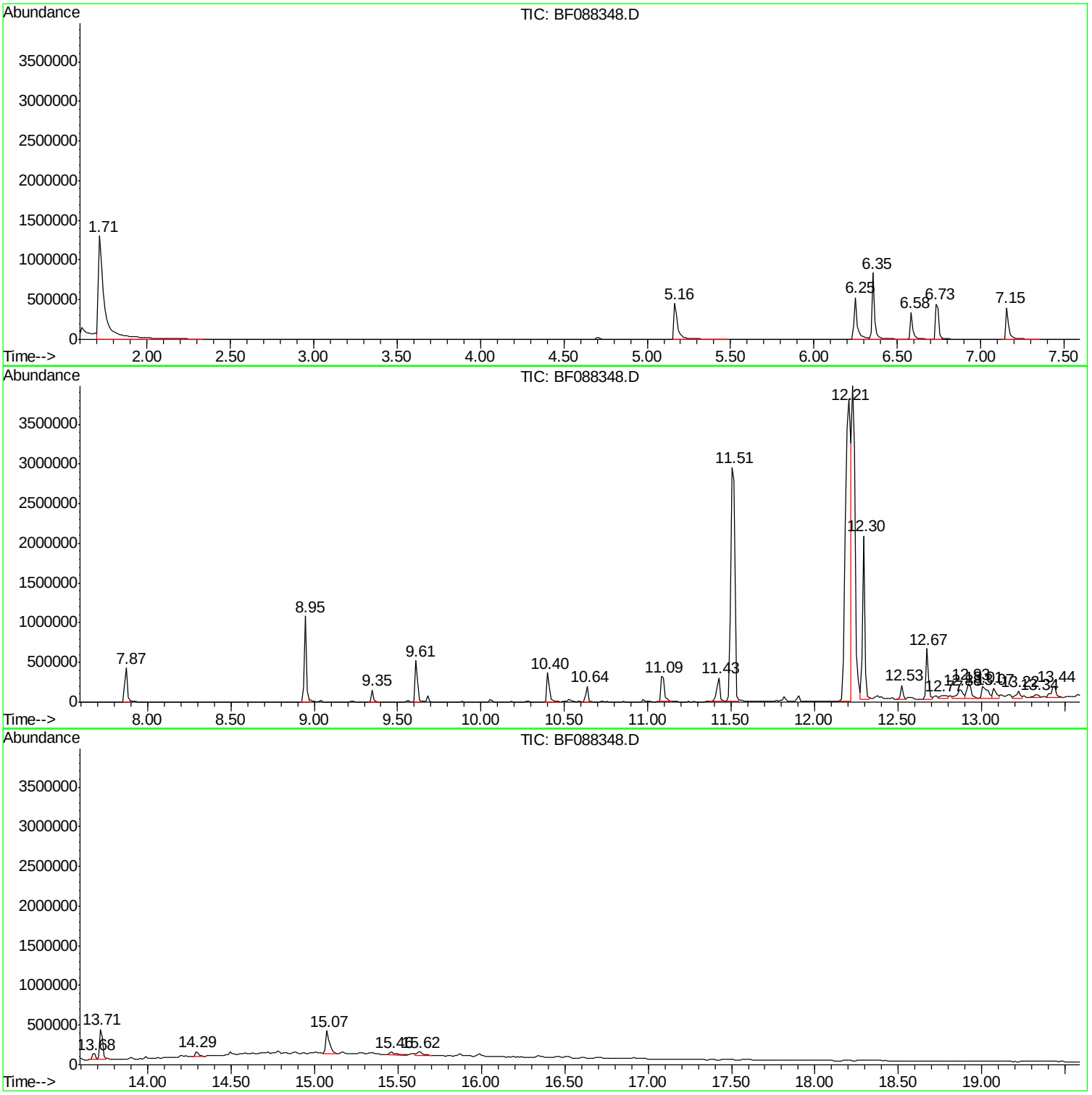
Sum of corrected areas: 31011162

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
Q8-B5(0-16)C

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\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

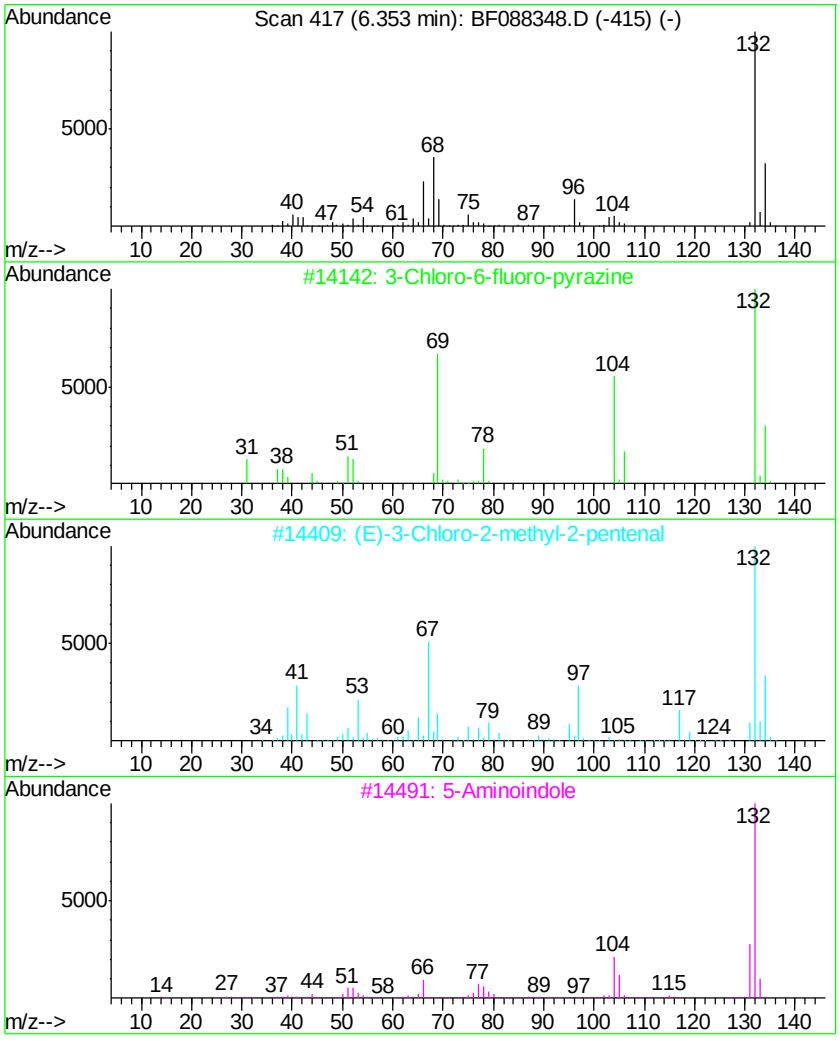
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

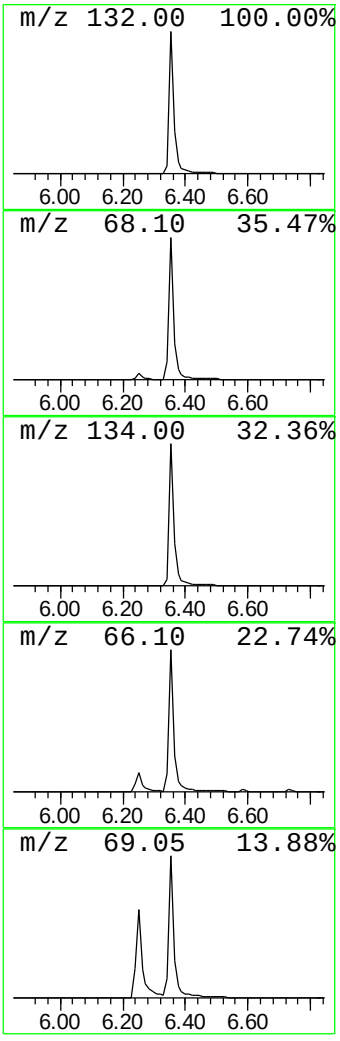
**********

Peak Number 2 unknown6.35 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.35 | 47.42 ng | 926134 | 1,4-Dichlorobenzene-d4 | 6.58 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 38 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 35 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 4 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 9 |
| 5 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

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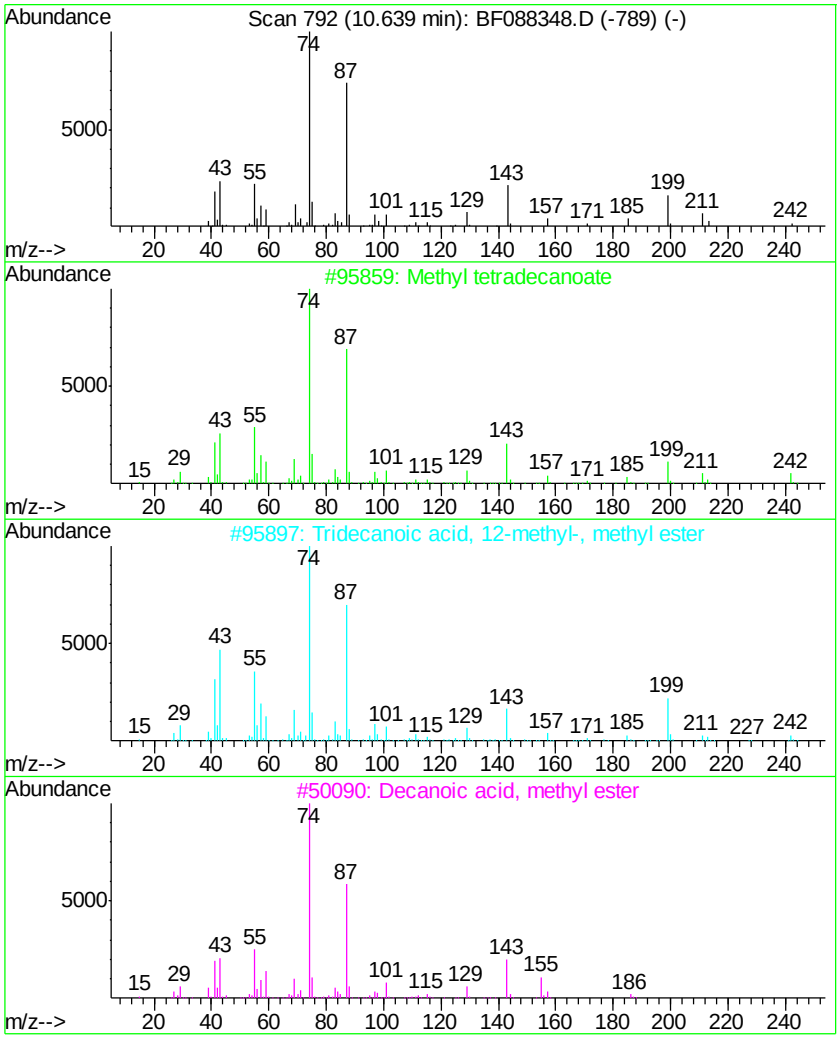
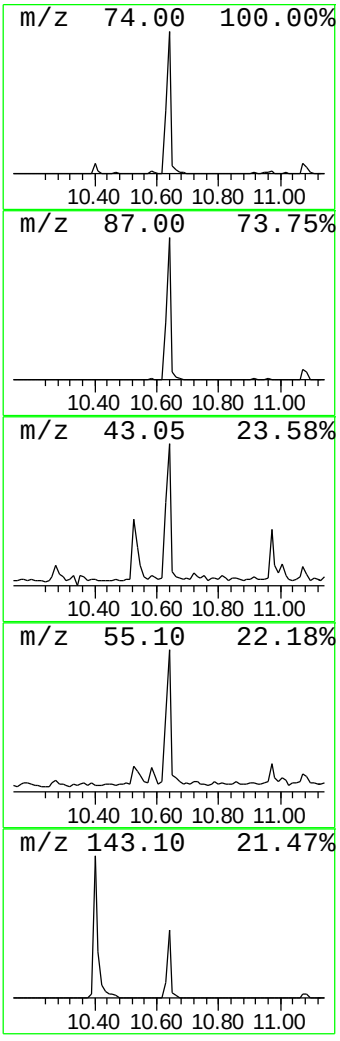
Peak Number 4 Methyl tetradecanoate Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.64 | 8.19 ng | 201427 | Phenanthrene-d10 | 11.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 91 |
| 2 | Tridecanoic acid, 12-methyl-, me... | 242 | C15H30O2 | 005129-58-8 | 90 |
| 3 | Decanoic acid, methyl ester | 186 | C11H22O2 | 000110-42-9 | 80 |
| 4 | Dodecanoic acid, methyl ester | 214 | C13H26O2 | 000111-82-0 | 80 |
| 5 | Tridecanoic acid, methyl ester | 228 | C14H28O2 | 001731-88-0 | 80 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

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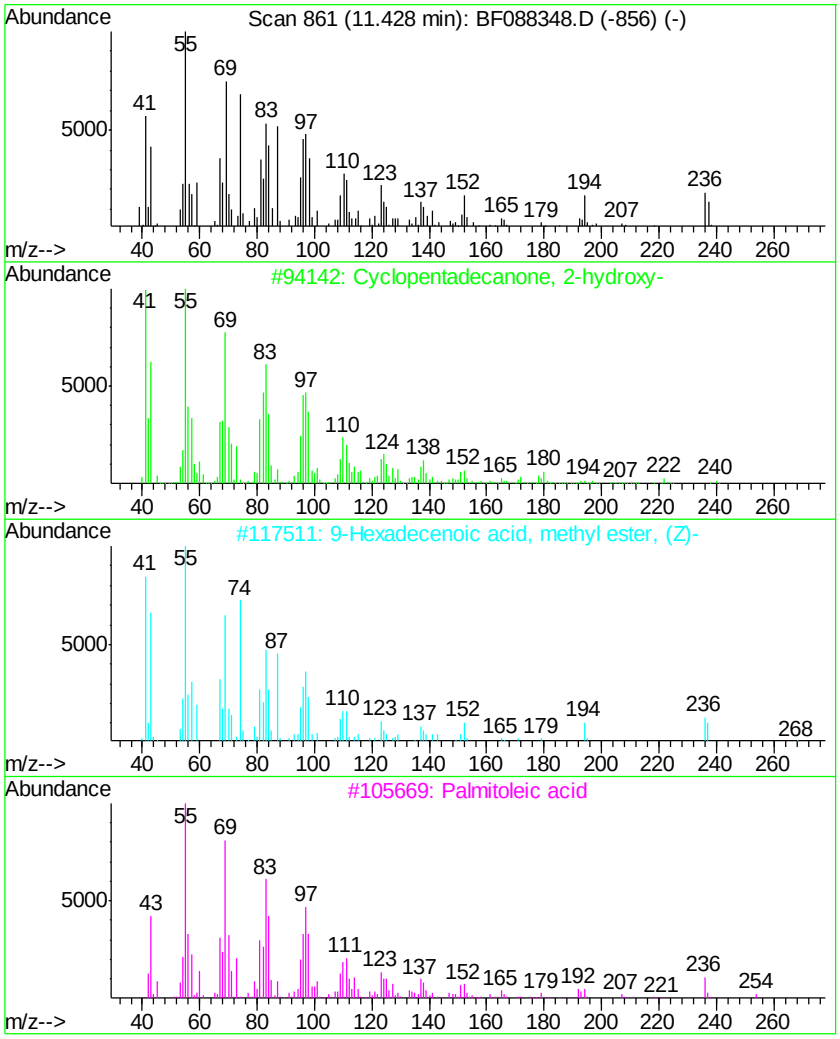
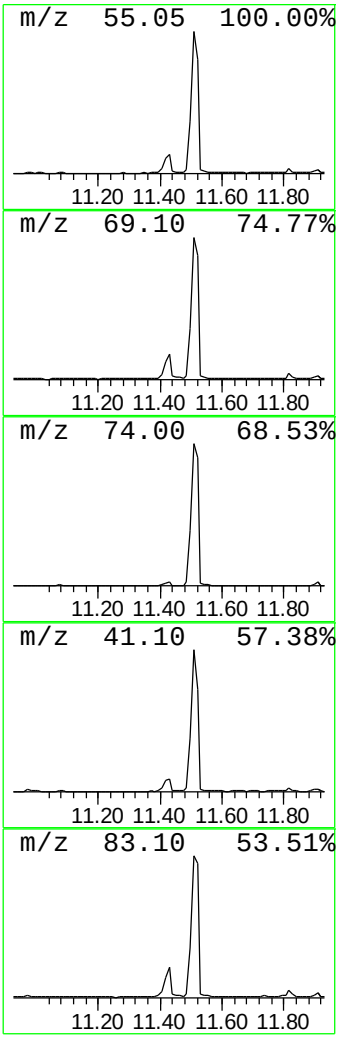
Peak Number 5 Cyclopentadecanone, 2-hydroxy- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.43 | 17.10 ng | 420561 | Phenanthrene-d10 | 11.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentadecanone, 2-hydroxy- | 240 | C15H28O2 | 004727-18-8 | 64 |
| 2 | 9-Hexadecenoic acid, methyl este... | 268 | C17H32O2 | 001120-25-8 | 64 |
| 3 | Palmitoleic acid | 254 | C16H30O2 | 000373-49-9 | 62 |
| 4 | Cyclododecanemethanol | 198 | C13H26O | 001892-12-2 | 53 |
| 5 | 4-Tetradecene, 2,3,4-trimethyl- | 238 | C17H34 | 055103-81-6 | 50 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

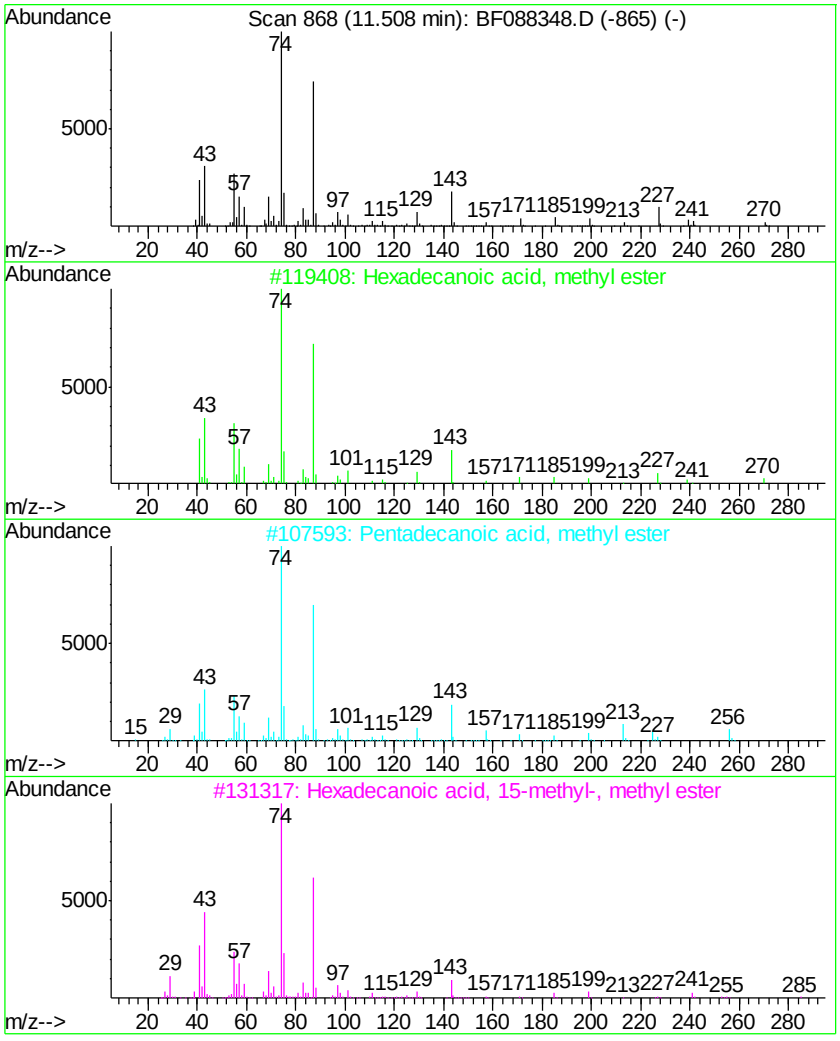
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

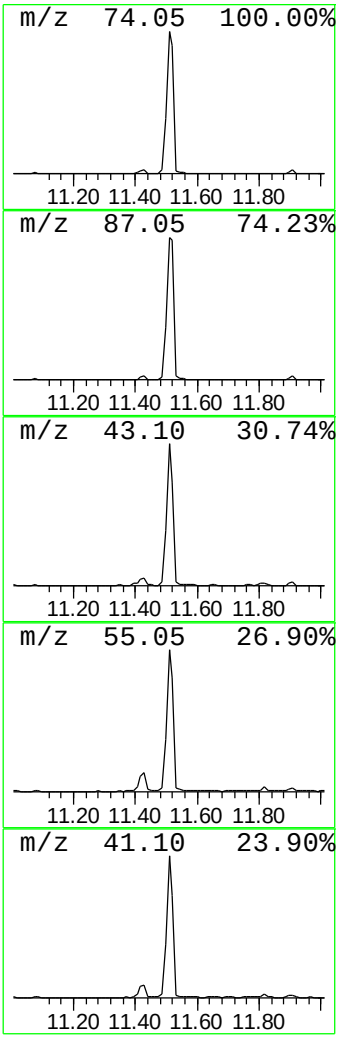
**********

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.51 | 193.32 ng | 4754000 | Phenanthrene-d10 | 11.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 98 |
| 2 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 86 |
| 3 | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 86 |
| 4 | Decanoic acid, methyl ester | 186 | C11H22O2 | 000110-42-9 | 83 |
| 5 | Tridecanoic acid, 12-methyl-, me... | 242 | C15H30O2 | 005129-58-8 | 80 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

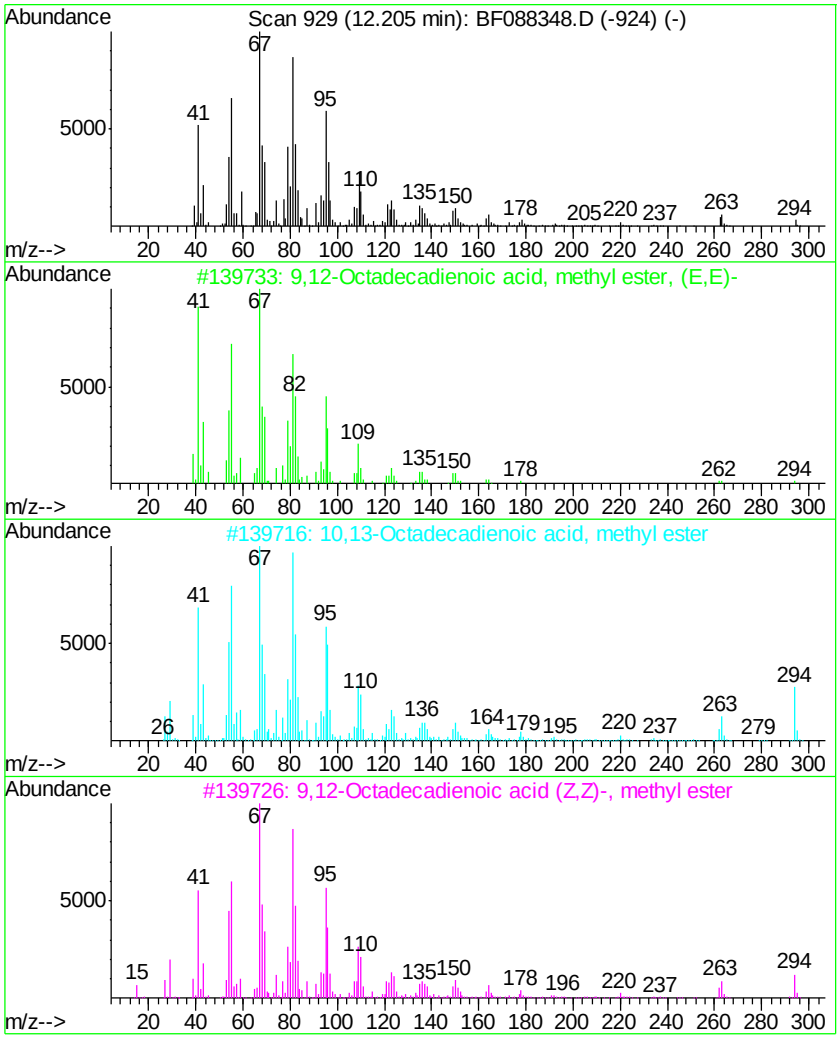
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

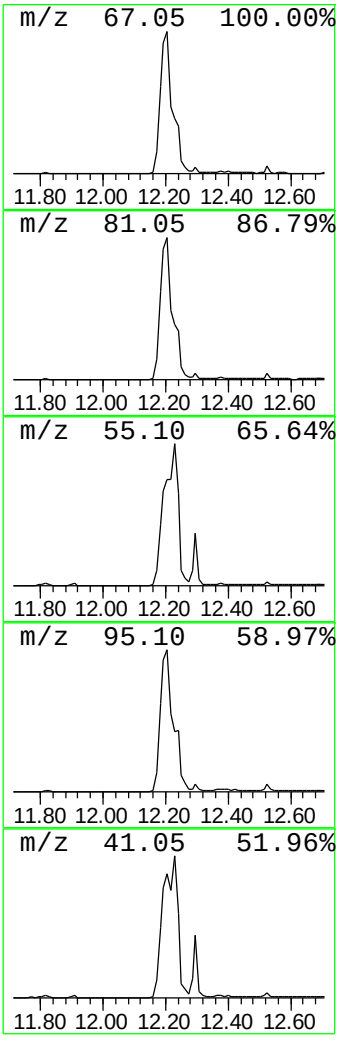
**********

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.21 | 368.63 ng | 9065120 | Phenanthrene-d10 | 11.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 99 |
| 2 | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2 | 056554-62-2 | 99 |
| 3 | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 99 |
| 4 | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6 | 99 |
| 5 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 99 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
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Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

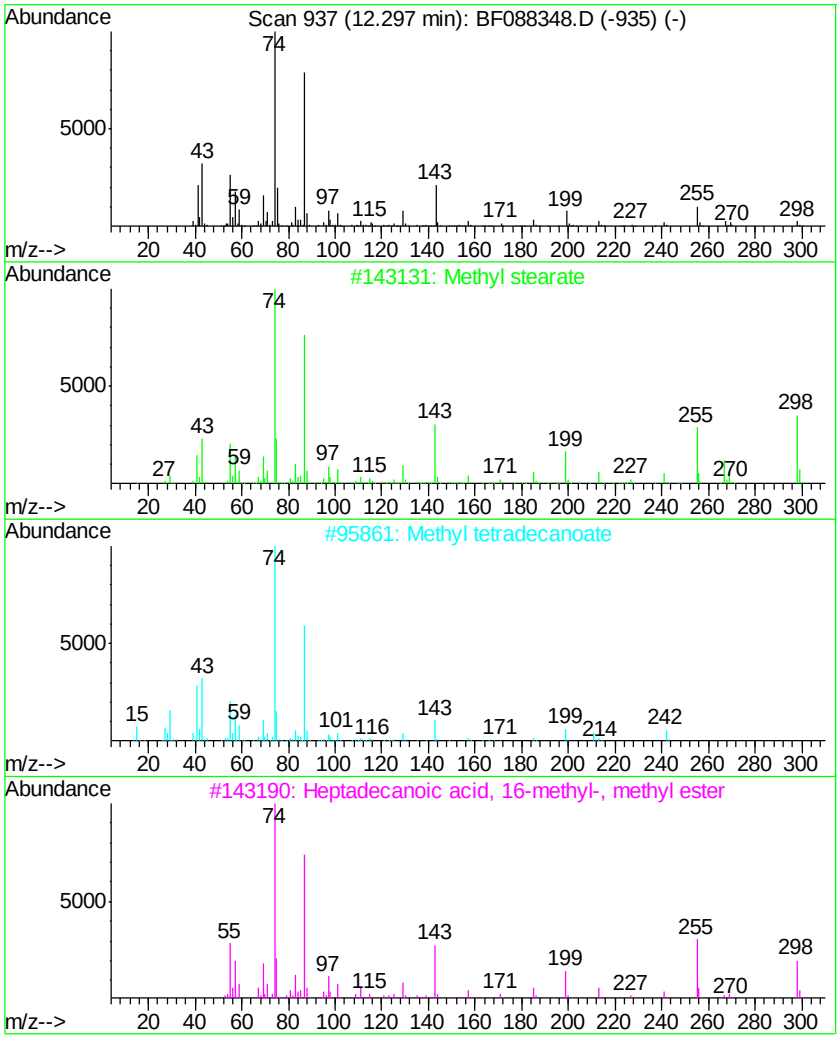
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

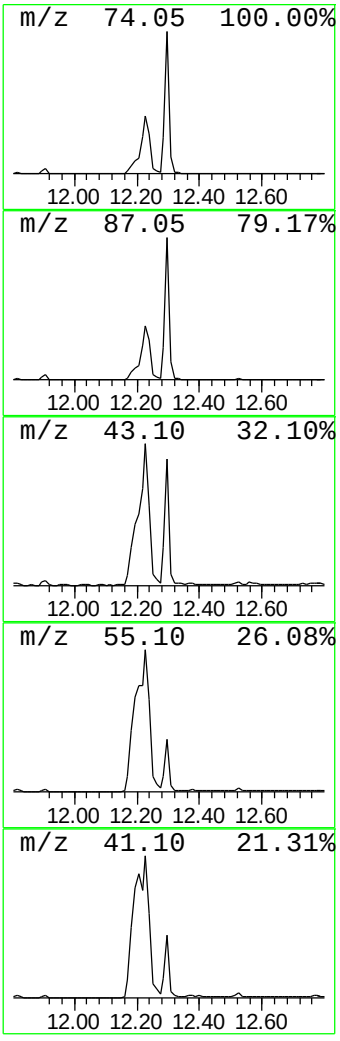
**********

Peak Number 8 Methyl stearate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.30 | 81.34 ng | 2000380 | Phenanthrene-d10 | 11.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl stearate | 298 | C19H38O2 | 000112-61-8 | 98 |
| 2 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 95 |
| 3 | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 94 |
| 4 | Tridecanoic acid, methyl ester | 228 | C14H28O2 | 001731-88-0 | 90 |
| 5 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 90 |



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Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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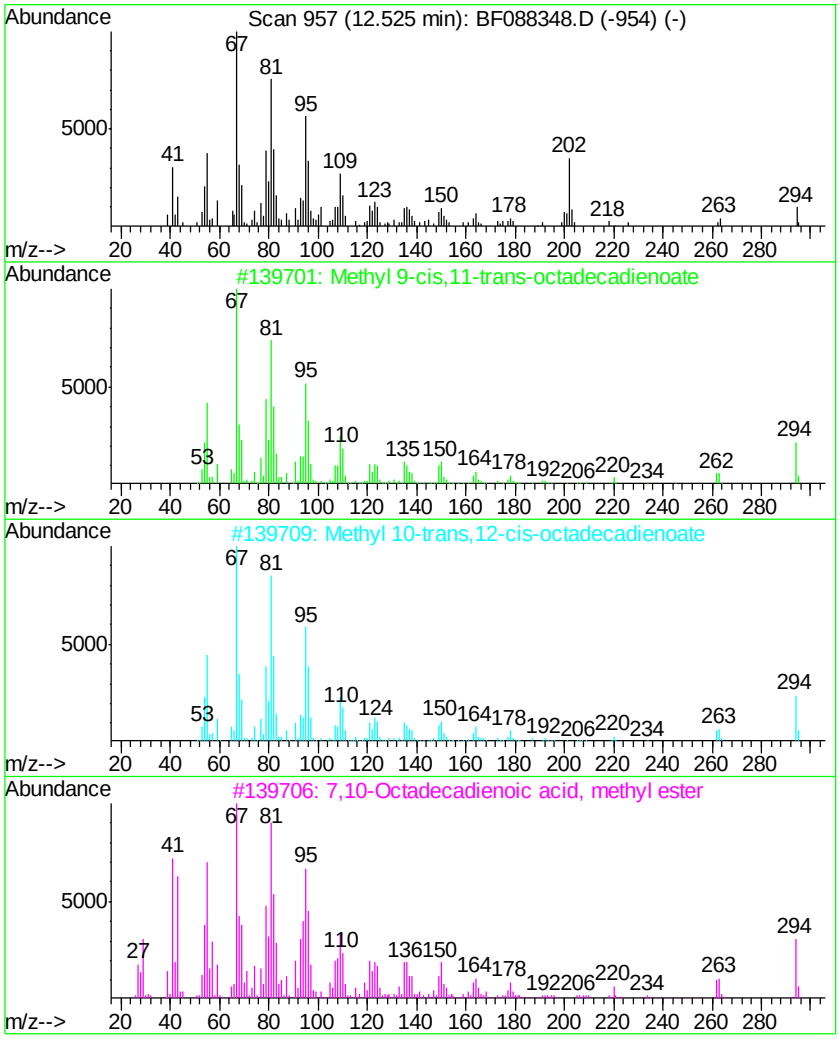
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

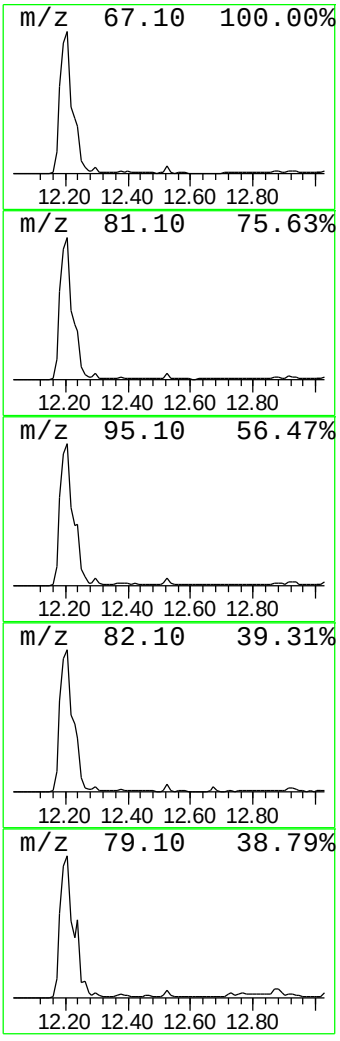
**********

Peak Number 9 Methyl 9-cis,11-trans-octad... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.53 | 7.32 ng | 176805 | Chrysene-d12 | 13.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 1000336-44-0 | 98 |
| 2 | Methyl 10-trans,12-cis-octadecad... | 294 | C19H34O2 | 1000336-44-2 | 98 |
| 3 | 7,10-Octadecadienoic acid, methy... | 294 | C19H34O2 | 056554-24-6 | 94 |
| 4 | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 92 |
| 5 | 9,12-Octadecadienoic acid (Z,Z)- | 280 | C18H32O2 | 000060-33-3 | 90 |



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Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

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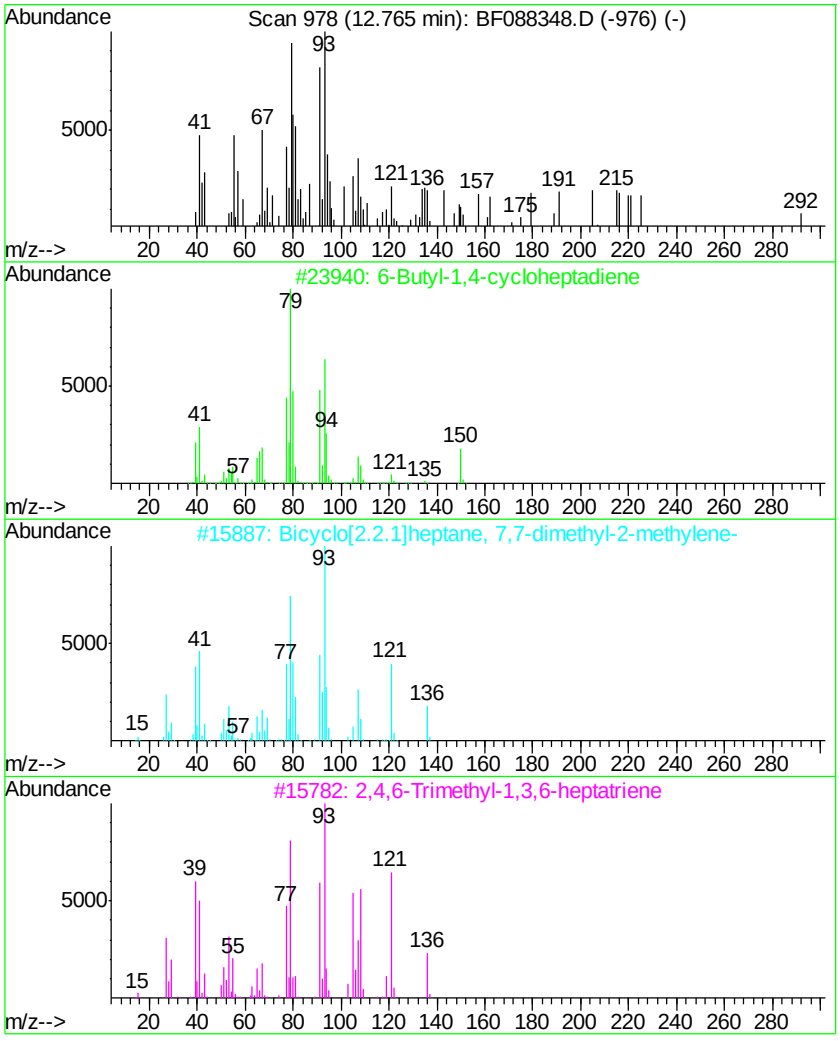
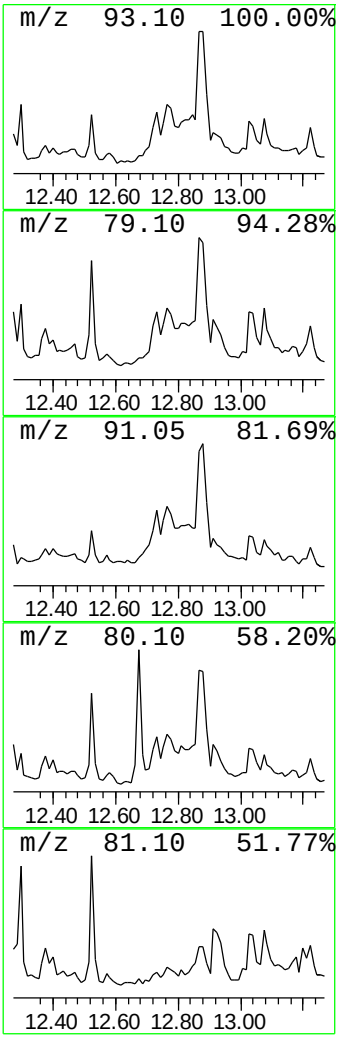
Peak Number 10 6-Butyl-1,4-cycloheptadiene Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.77 | 5.14 ng | 124124 | Chrysene-d12 | 13.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Butyl-1,4-cycloheptadiene | 150 | C11H18 | 022735-58-6 | 60 |
| 2 | Bicyclo[2.2.1]heptane, 7,7-dimet... | 136 | C10H16 | 000471-84-1 | 58 |
| 3 | 2,4,6-Trimethyl-1,3,6-heptatriene | 136 | C10H16 | 024648-33-7 | 53 |
| 4 | Cyclohexene, 5-methyl-3-(1-methy... | 136 | C10H16 | 056816-08-1 | 47 |
| 5 | 1-Methylene-2-vinylcyclopentane | 108 | C8H12 | 006196-78-7 | 46 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

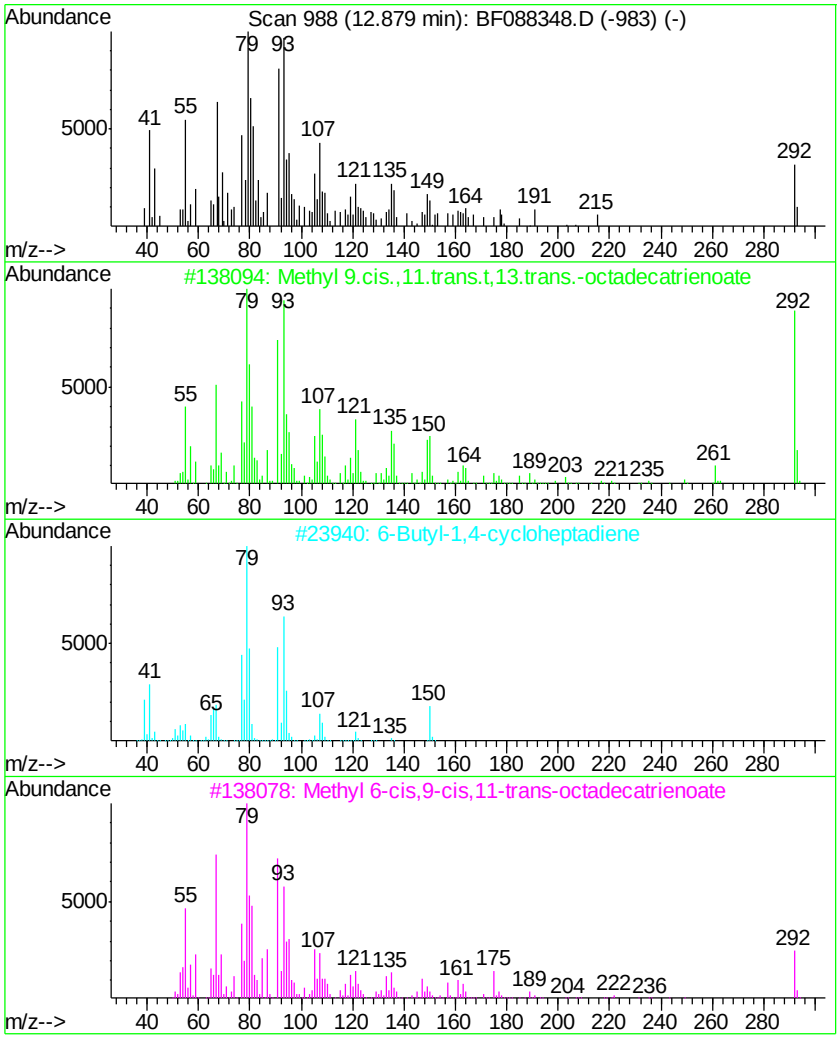
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

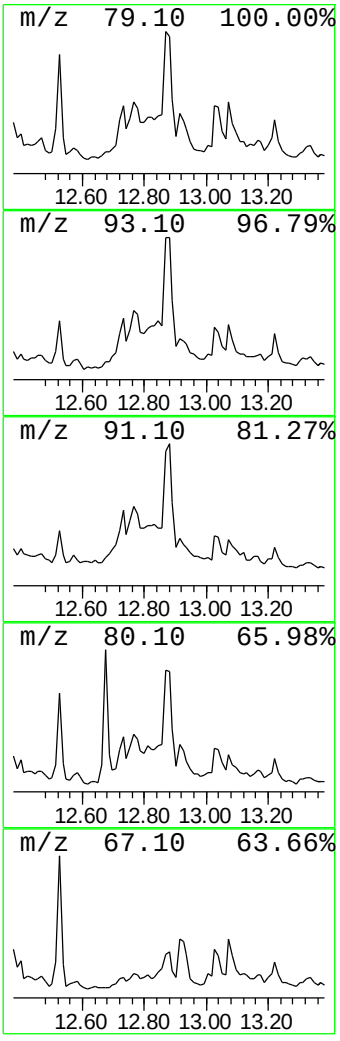
**********

Peak Number 11 Methyl 9.cis.,11.trans.t,13... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.88 | 12.46 ng | 300972 | Chrysene-d12 | 13.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl 9.cis.,11.trans.t,13.tran... | 292 | C19H32O2 | 1000336-42-6 | 96 |
| 2 | 6-Butyl-1,4-cycloheptadiene | 150 | C11H18 | 022735-58-6 | 76 |
| 3 | Methyl 6-cis,9-cis,11-trans-octa... | 292 | C19H32O2 | 1000336-37-7 | 74 |
| 4 | Bicyclo[2.2.1]heptane, 7,7-dimet... | 136 | C10H16 | 000471-84-1 | 68 |
| 5 | 1,Z-5,E-7-Dodecatriene | 164 | C12H20 | 083085-83-0 | 58 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

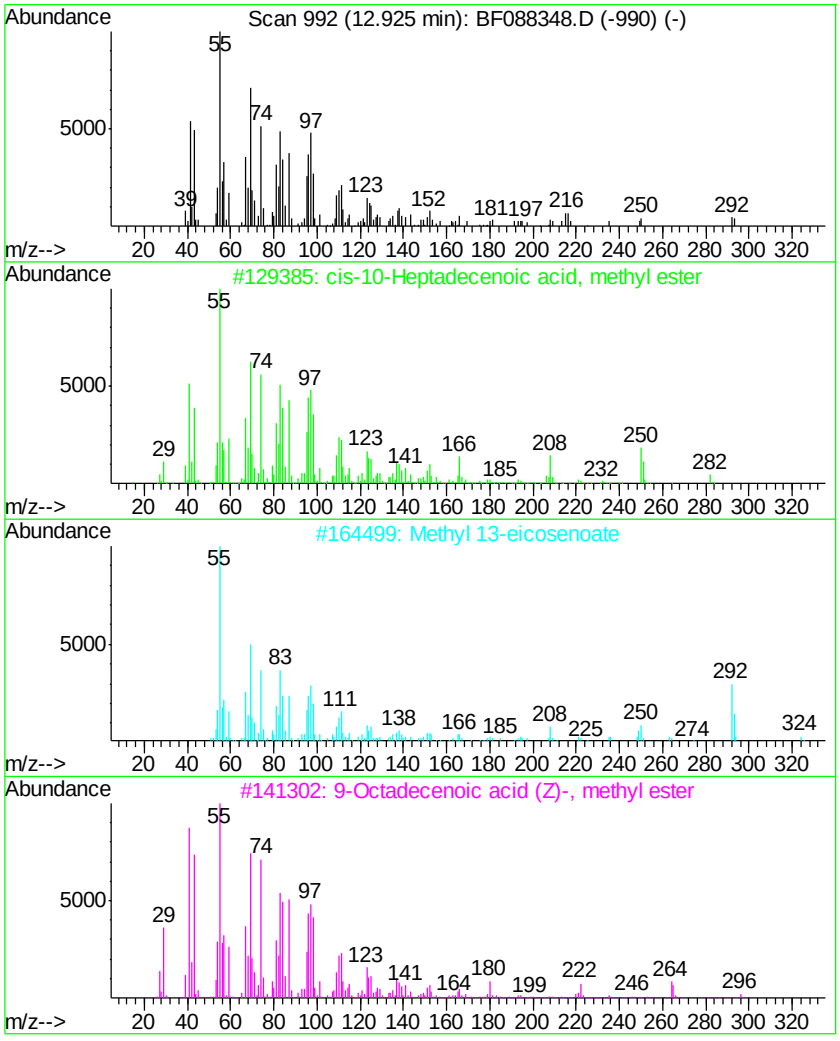
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

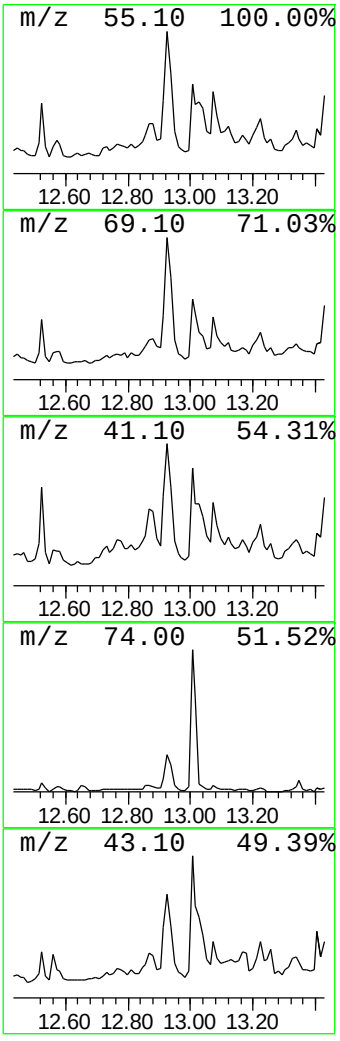
**********

Peak Number 12 cis-10-Heptadecenoic acid, ... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.93 | 15.03 ng | 363249 | Chrysene-d12 | 13.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-10-Heptadecenoic acid, methy... | 282 | C18H34O2 | 1000333-62-1 | 91 |
| 2 | Methyl 13-eicosenoate | 324 | C21H40O2 | 1000336-48-4 | 90 |
| 3 | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 87 |
| 4 | 14-Methylpentadec-9-enoic acid m... | 268 | C17H32O2 | 1000365-89-7 | 64 |
| 5 | cis-10-Heptadecenoic acid | 268 | C17H32O2 | 029743-97-3 | 62 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

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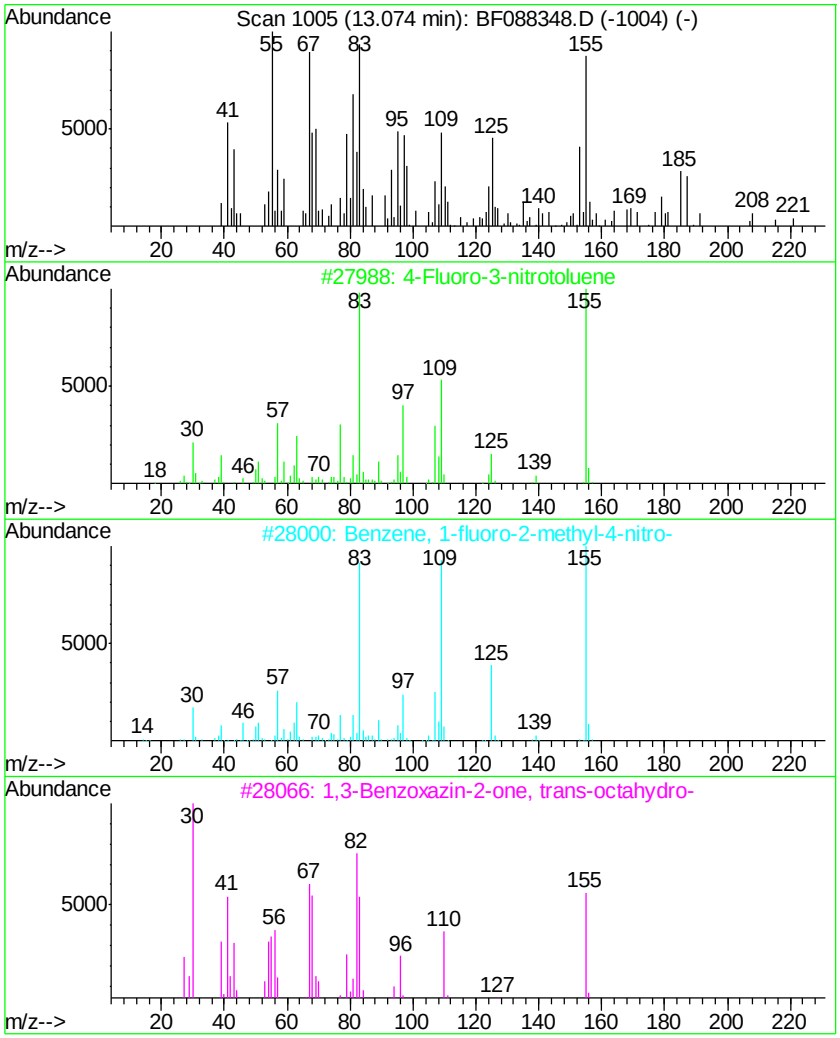
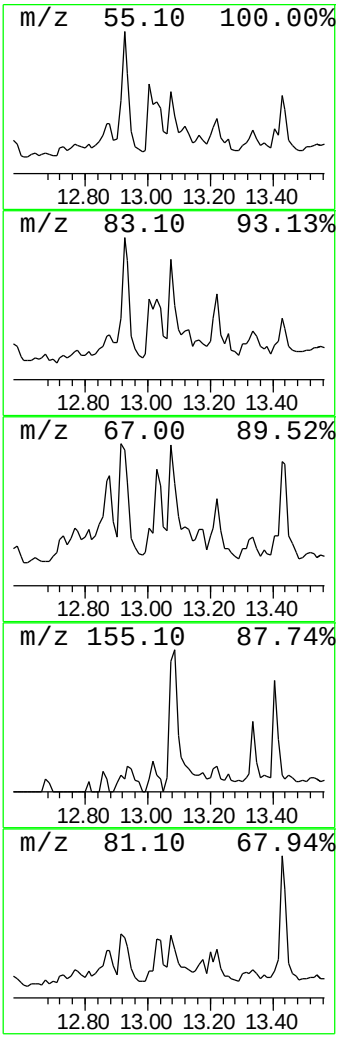
Peak Number 14 unknown13.07 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.07 | 7.95 ng | 192086 | Chrysene-d12 | 13.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Fluoro-3-nitrotoluene | 155 | C7H6FNO2 | 000446-11-7 | 49 |
| 2 | Benzene, 1-fluoro-2-methyl-4-nitro- | 155 | C7H6FNO2 | 000455-88-9 | 38 |
| 3 | 1,3-Benzoxazin-2-one, trans-octa... | 155 | C8H13NO2 | 1000138-84-7 | 38 |
| 4 | Benzenethiol, 4-nitro- | 155 | C6H5NO2S | 001849-36-1 | 22 |
| 5 | 3-Tridecene | 180 | C13H24 | 060186-78-9 | 22 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

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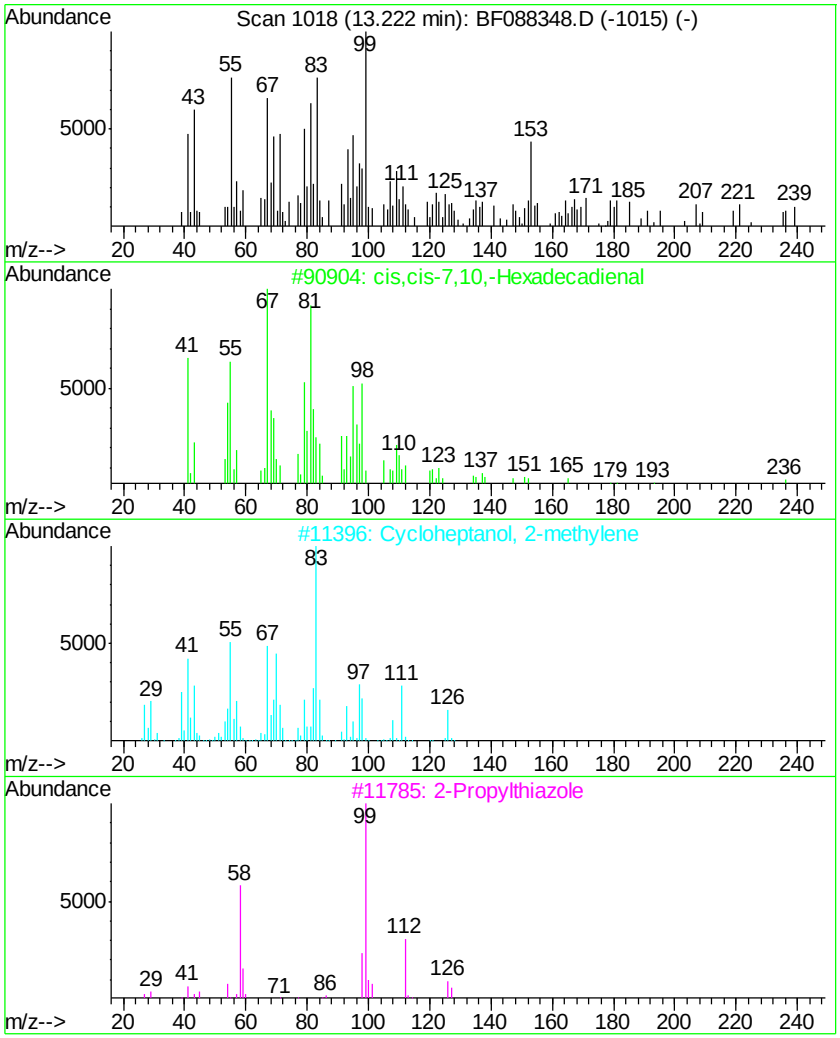
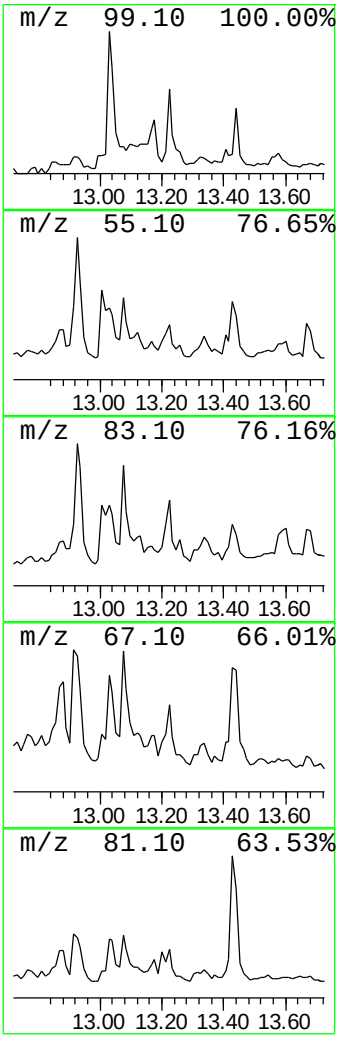
Peak Number 15 unknown13.22 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.22 | 5.90 ng | 142666 | Chrysene-d12 | 13.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis,cis-7,10,-Hexadecadienal | 236 | C16H28O | 056829-23-3 | 43 |
| 2 | Cycloheptanol, 2-methylene | 126 | C8H14O | 016240-38-3 | 25 |
| 3 | 2-Propylthiazole | 127 | C6H9NS | 017626-75-4 | 25 |
| 4 | Cyclohexanol, 2-methyl-3-(1-meth... | 154 | C10H18O | 054244-81-4 | 25 |
| 5 | Bicyclo[4.1.0]heptane, 3-methyl-... | 180 | C13H24 | 041977-48-4 | 25 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

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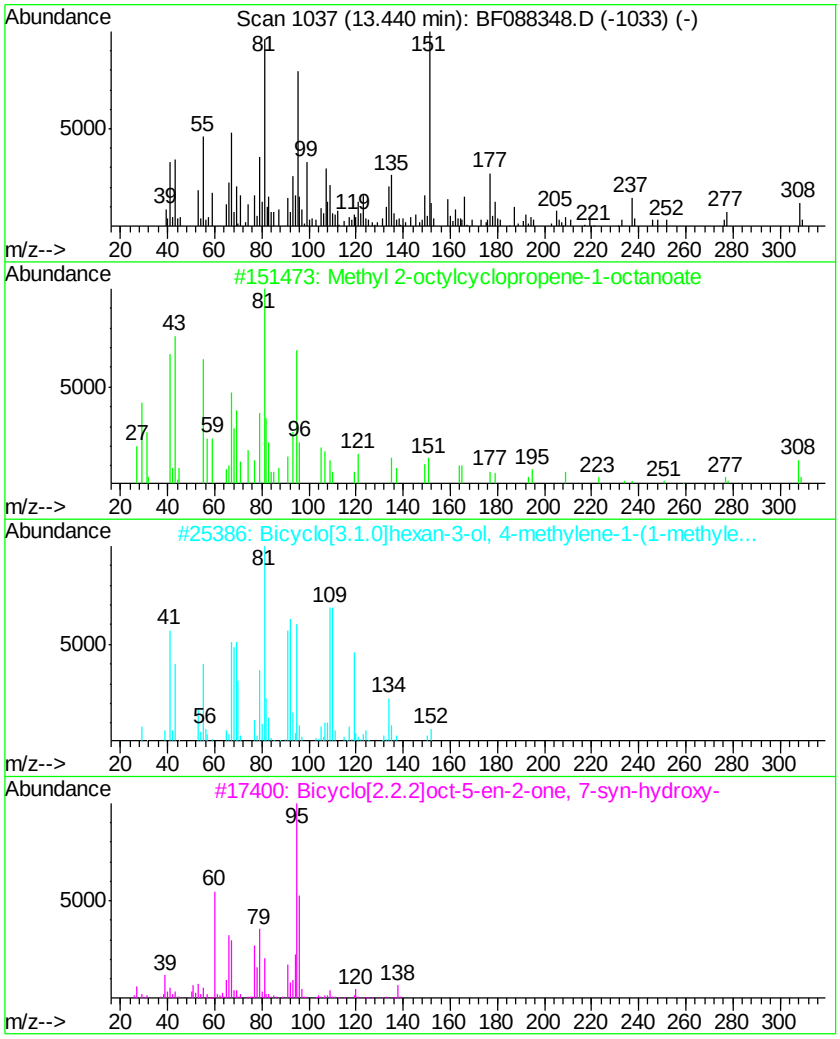
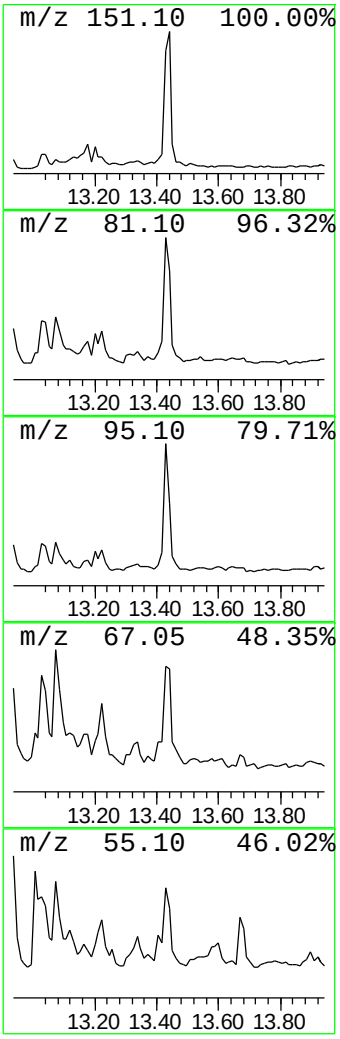
Peak Number 17 Methyl 2-octylcyclopropene-... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.44 | 12.71 ng | 307022 | Chrysene-d12 | 13.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl 2-octylcyclopropene-1-oct... | 308 | C20H36O2 | 003220-60-8 | 51 |
| 2 | Bicyclo[3.1.0]hexan-3-ol, 4-meth... | 152 | C10H16O | 000471-16-9 | 30 |
| 3 | Bicyclo[2.2.2]oct-5-en-2-one, 7-... | 138 | C8H10O2 | 1000153-14-9 | 30 |
| 4 | 4-Hydroxybenzoxazolone | 151 | C7H5NO3 | 028955-70-6 | 11 |
| 5 | Bicyclo[2.2.1]heptan-2-one, 1,3,... | 152 | C10H16O | 001195-79-5 | 11 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

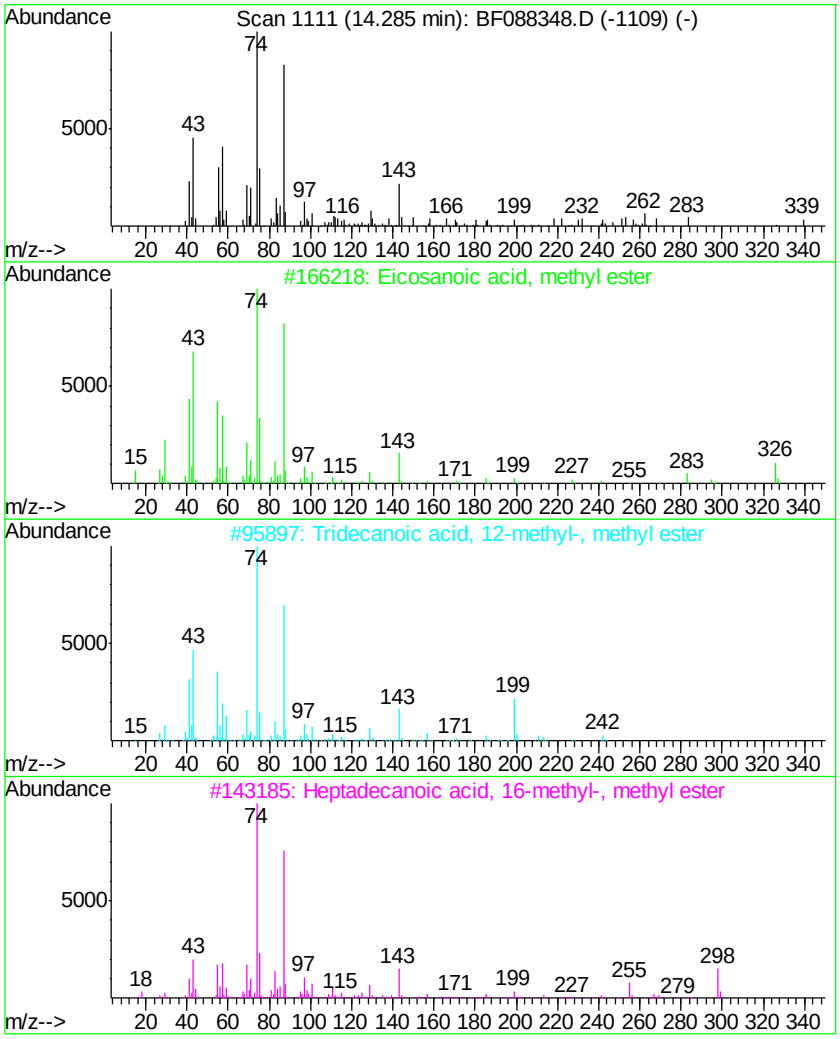
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

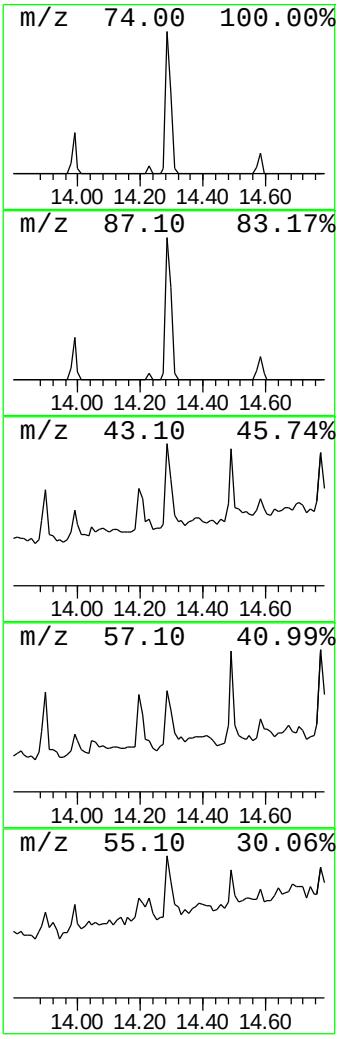
**********

Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.29 | 4.43 ng | 106998 | Chrysene-d12 | 13.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosanoic acid, methyl ester | 326 | C21H42O2 | 001120-28-1 | 95 |
| 2 | Tridecanoic acid, 12-methyl-, me... | 242 | C15H30O2 | 005129-58-8 | 81 |
| 3 | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 74 |
| 4 | Nonadecanoic acid, methyl ester | 312 | C20H40O2 | 001731-94-8 | 74 |
| 5 | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 72 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

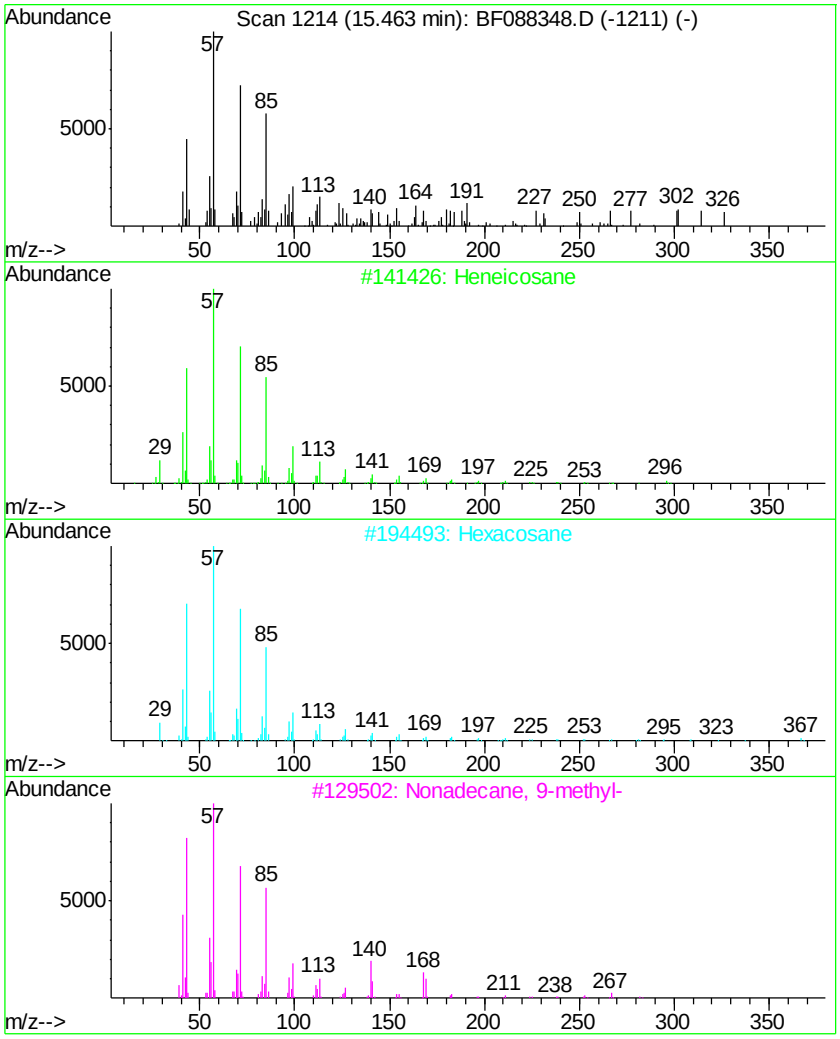
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

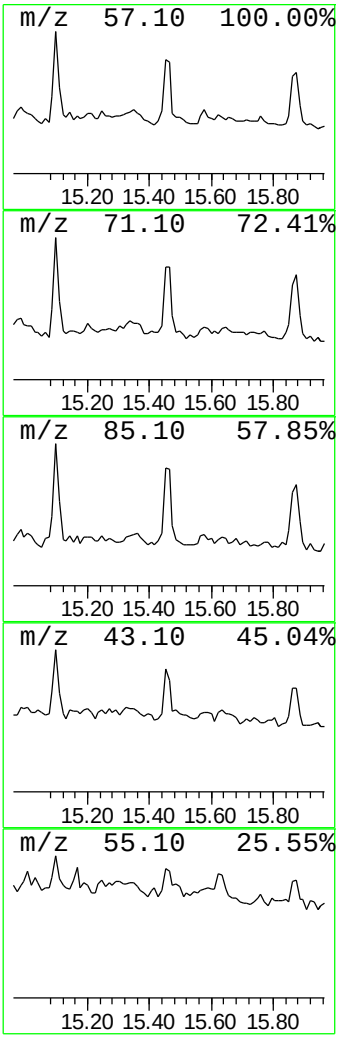
**********

Peak Number 19 Heneicosane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.46 | 5.28 ng | 106230 | Perylene-d12 | 15.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 68 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 64 |
| 3 | Nonadecane, 9-methyl- | 282 | C20H42 | 013287-24-6 | 64 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 64 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 64 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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

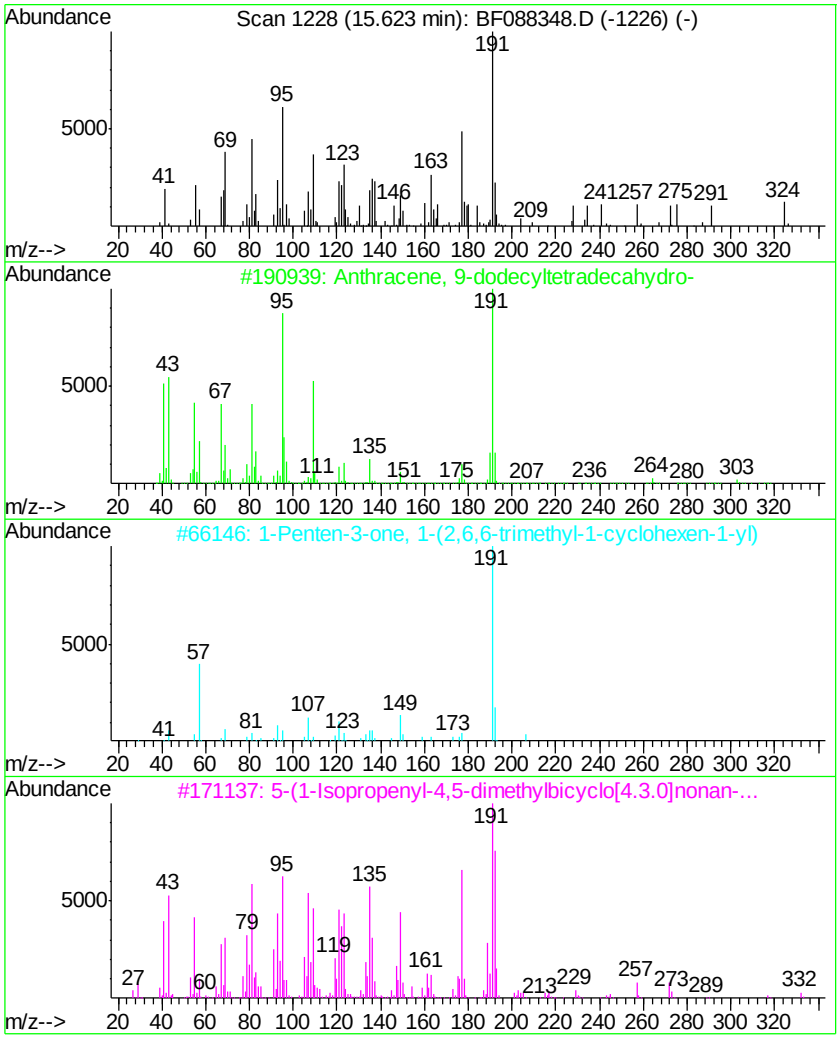
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

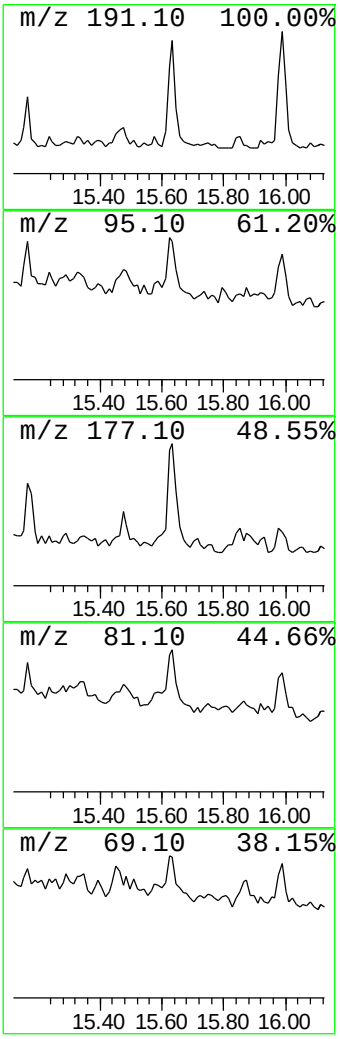
**********

Peak Number 20 unknown15.62 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.62 | 6.34 ng | 127603 | Perylene-d12 | 15.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 9-dodecyltetradecahy... | 360 | C26H48 | 055401-75-7 | 37 |
| 2 | 1-Penten-3-one, 1-(2,6,6-trimeth... | 206 | C14H22O | 000127-43-5 | 35 |
| 3 | 5-(1-Isopropenyl-4,5-dimethylbic... | 332 | C22H36O2 | 1000195-69-8 | 32 |
| 4 | 3-Indolethanamine, N-acetyl-5-fl... | 250 | C13H15FN2O2 | 1000116-27-1 | 27 |
| 5 | 4H-Benzo[def]carbazole | 191 | C14H9N | 000203-65-6 | 27 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088348.D
Acq On : 24 Jun 2016 23:15
Operator : UM/SJ
Sample : H3602-13 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Q8-B5(0-16)C

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 |
| unknown6.35 | 6.35 | 47.4 | ng | 926134 | 1 | 6.58 | 390594 | 20.0 |
| Methyl tetradecan... | 10.64 | 8.2 | ng | 201427 | 4 | 11.10 | 491833 | 20.0 |
| Cyclopentadecanon... | 11.43 | 17.1 | ng | 420561 | 4 | 11.10 | 491833 | 20.0 |
| Hexadecanoic acid... | 11.51 | 193.3 | ng | 4754000 | 4 | 11.10 | 491833 | 20.0 |
| 9,12-Octadecadien... | 12.21 | 368.6 | ng | 9065120 | 4 | 11.10 | 491833 | 20.0 |
| Methyl stearate | 12.30 | 81.3 | ng | 2000380 | 4 | 11.10 | 491833 | 20.0 |
| Methyl 9-cis,11-t... | 12.53 | 7.3 | ng | 176805 | 5 | 13.71 | 483285 | 20.0 |
| 6-Butyl-1,4-cyclo... | 12.77 | 5.1 | ng | 124124 | 5 | 13.71 | 483285 | 20.0 |
| Methyl 9.cis.,11.... | 12.88 | 12.5 | ng | 300972 | 5 | 13.71 | 483285 | 20.0 |
| cis-10-Heptadecen... | 12.93 | 15.0 | ng | 363249 | 5 | 13.71 | 483285 | 20.0 |
| unknown13.07 | 13.07 | 8.0 | ng | 192086 | 5 | 13.71 | 483285 | 20.0 |
| unknown13.22 | 13.22 | 5.9 | ng | 142666 | 5 | 13.71 | 483285 | 20.0 |
| Methyl 2-octylcyc... | 13.44 | 12.7 | ng | 307022 | 5 | 13.71 | 483285 | 20.0 |
| Eicosanoic acid, ... | 14.29 | 4.4 | ng | 106998 | 5 | 13.71 | 483285 | 20.0 |
| Heneicosane | 15.46 | 5.3 | ng | 106230 | 6 | 15.07 | 402748 | 20.0 |
| unknown15.62 | 15.62 | 6.3 | ng | 127603 | 6 | 15.07 | 402748 | 20.0 |