LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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 | 4.887 | 472 | 476 | 484 | rBV | 29132 | 38609 | 1.79% | 0.253% |
| 2 | 5.316 | 545 | 549 | 573 | rBV | 600074 | 810608 | 37.56% | 5.312% |
| 3 | 6.340 | 720 | 723 | 742 | rBV | 664520 | 887514 | 41.13% | 5.816% |
| 4 | 6.469 | 742 | 745 | 757 | rVV | 808797 | 916436 | 42.47% | 6.006% |
| 5 | 6.551 | 757 | 759 | 764 | rVB | 24568 | 23700 | 1.10% | 0.155% |
| 6 | 6.704 | 782 | 785 | 794 | rBV | 474100 | 494822 | 22.93% | 3.243% |
| 7 | 6.857 | 808 | 811 | 820 | rBV | 747652 | 670452 | 31.07% | 4.394% |
| 8 | 7.263 | 876 | 880 | 886 | rBV | 453531 | 490331 | 22.72% | 3.213% |
| 9 | 7.310 | 886 | 888 | 893 | rVB | 37938 | 39750 | 1.84% | 0.260% |
| 10 | 7.981 | 999 | 1002 | 1010 | rBV | 580309 | 621162 | 28.79% | 4.071% |
| 11 | 8.281 | 1049 | 1053 | 1056 | rBV4 | 15302 | 21727 | 1.01% | 0.142% |
| 12 | 8.416 | 1072 | 1076 | 1081 | rBV2 | 29249 | 33381 | 1.55% | 0.219% |
| 13 | 8.587 | 1102 | 1105 | 1108 | rBV | 61892 | 48126 | 2.23% | 0.315% |
| 14 | 9.016 | 1176 | 1178 | 1181 | rVB2 | 33165 | 27499 | 1.27% | 0.180% |
| 15 | 9.057 | 1181 | 1185 | 1197 | rBV | 889171 | 828804 | 38.41% | 5.431% |
| 16 | 9.151 | 1197 | 1201 | 1204 | rVV | 59912 | 59013 | 2.73% | 0.387% |
| 17 | 9.451 | 1249 | 1252 | 1257 | rBV | 227874 | 219718 | 10.18% | 1.440% |
| 18 | 9.675 | 1288 | 1290 | 1293 | rBV | 64566 | 49825 | 2.31% | 0.327% |
| 19 | 9.734 | 1295 | 1300 | 1307 | rBV | 608351 | 575074 | 26.65% | 3.769% |
| 20 | 9.916 | 1325 | 1331 | 1333 | rBV5 | 11929 | 23335 | 1.08% | 0.153% |
| 21 | 10.175 | 1371 | 1375 | 1382 | rBV | 60462 | 54020 | 2.50% | 0.354% |
| 22 | 10.392 | 1405 | 1412 | 1415 | rBV | 26731 | 35565 | 1.65% | 0.233% |
| 23 | 10.516 | 1429 | 1433 | 1442 | rBV | 459286 | 479038 | 22.20% | 3.139% |
| 24 | 10.645 | 1452 | 1455 | 1462 | rBV | 66964 | 85636 | 3.97% | 0.561% |
| 25 | 11.092 | 1527 | 1531 | 1533 | rBV | 57039 | 49121 | 2.28% | 0.322% |
| 26 | 11.122 | 1533 | 1536 | 1541 | rVB | 27496 | 25741 | 1.19% | 0.169% |
| 27 | 11.210 | 1548 | 1551 | 1559 | rBV | 581788 | 559821 | 25.94% | 3.669% |
| 28 | 11.516 | 1600 | 1603 | 1606 | rBV | 51972 | 38399 | 1.78% | 0.252% |
| 29 | 11.610 | 1616 | 1619 | 1625 | rVB | 463904 | 436999 | 20.25% | 2.864% |
| 30 | 11.745 | 1639 | 1642 | 1646 | rBV2 | 85294 | 91106 | 4.22% | 0.597% |
| 31 | 11.922 | 1665 | 1672 | 1679 | rBV | 52802 | 75858 | 3.52% | 0.497% |
| 32 | 12.298 | 1732 | 1736 | 1738 | rBV | 2212933 | 2157909 | 100.00% | 14.142% |
| 33 | 12.316 | 1738 | 1739 | 1748 | rVB | 1673910 | 1447751 | 67.09% | 9.488% |
| 34 | 12.404 | 1751 | 1754 | 1758 | rBV2 | 367198 | 371392 | 17.21% | 2.434% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.451 | 1760 | 1762 | 1766 | rVB4 | 28215 | 35456 | 1.64% | 0.232% |
| 36 | 12.527 | 1773 | 1775 | 1779 | rBV4 | 25413 | 27431 | 1.27% | 0.180% |
| 37 | 12.639 | 1790 | 1794 | 1798 | rBV | 87224 | 107305 | 4.97% | 0.703% |
| 38 | 12.675 | 1798 | 1800 | 1803 | rVB | 30114 | 28706 | 1.33% | 0.188% |
| 39 | 12.792 | 1816 | 1820 | 1828 | rBV | 794223 | 775732 | 35.95% | 5.084% |
| 40 | 12.957 | 1845 | 1848 | 1850 | rBV2 | 59880 | 63743 | 2.95% | 0.418% |
| 41 | 13.033 | 1858 | 1861 | 1866 | rBV2 | 59560 | 91010 | 4.22% | 0.596% |
| 42 | 13.122 | 1874 | 1876 | 1879 | rBV | 48487 | 47932 | 2.22% | 0.314% |
| 43 | 13.233 | 1892 | 1895 | 1899 | rBV5 | 34792 | 45939 | 2.13% | 0.301% |
| 44 | 13.698 | 1972 | 1974 | 1983 | rVB3 | 58685 | 91794 | 4.25% | 0.602% |
| 45 | 13.839 | 1994 | 1998 | 2005 | rBV | 700404 | 708948 | 32.85% | 4.646% |
| 46 | 15.245 | 2233 | 2237 | 2240 | rBV | 349161 | 447019 | 20.72% | 2.929% |

Sum of corrected areas: 15259257

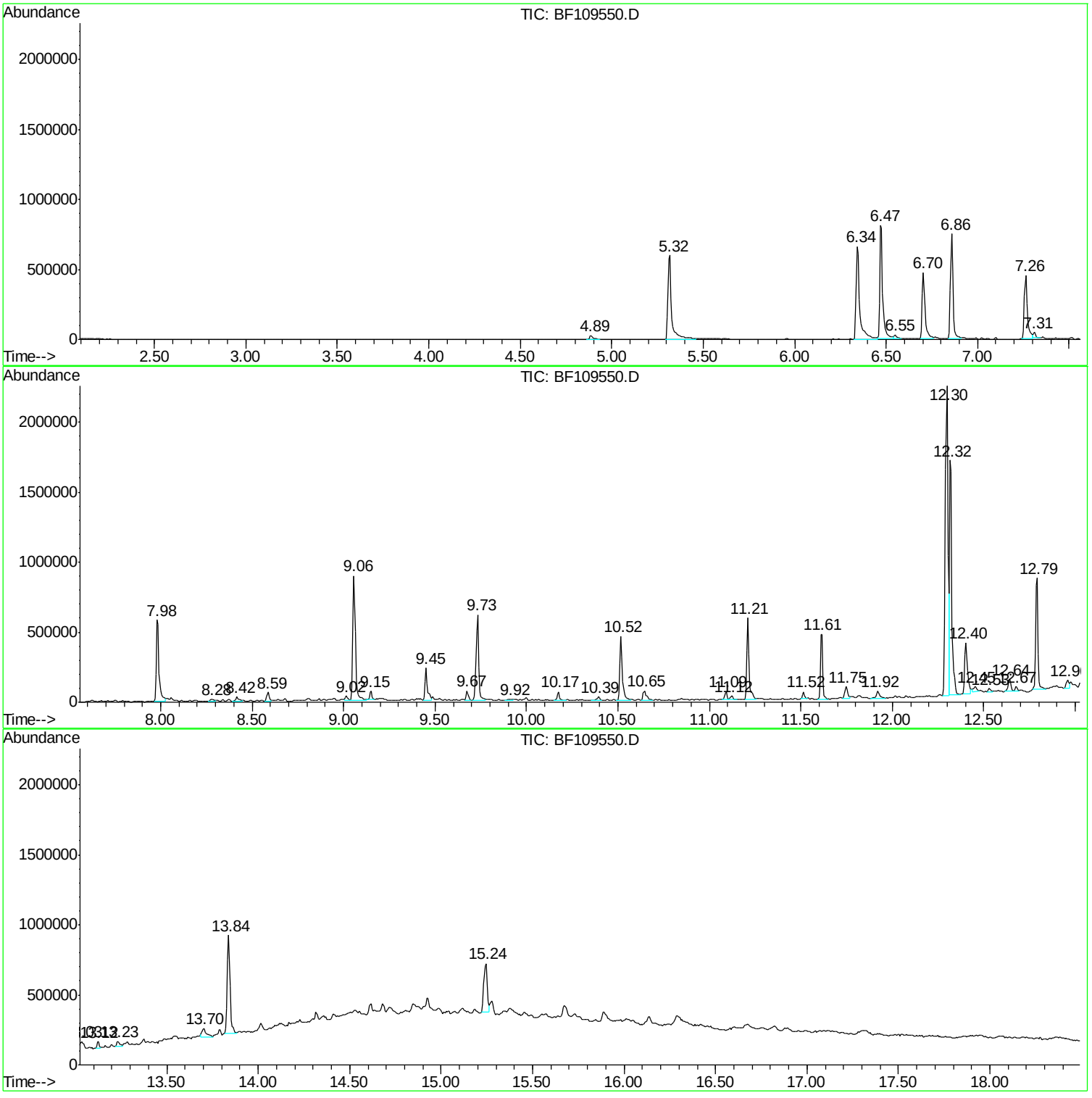
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

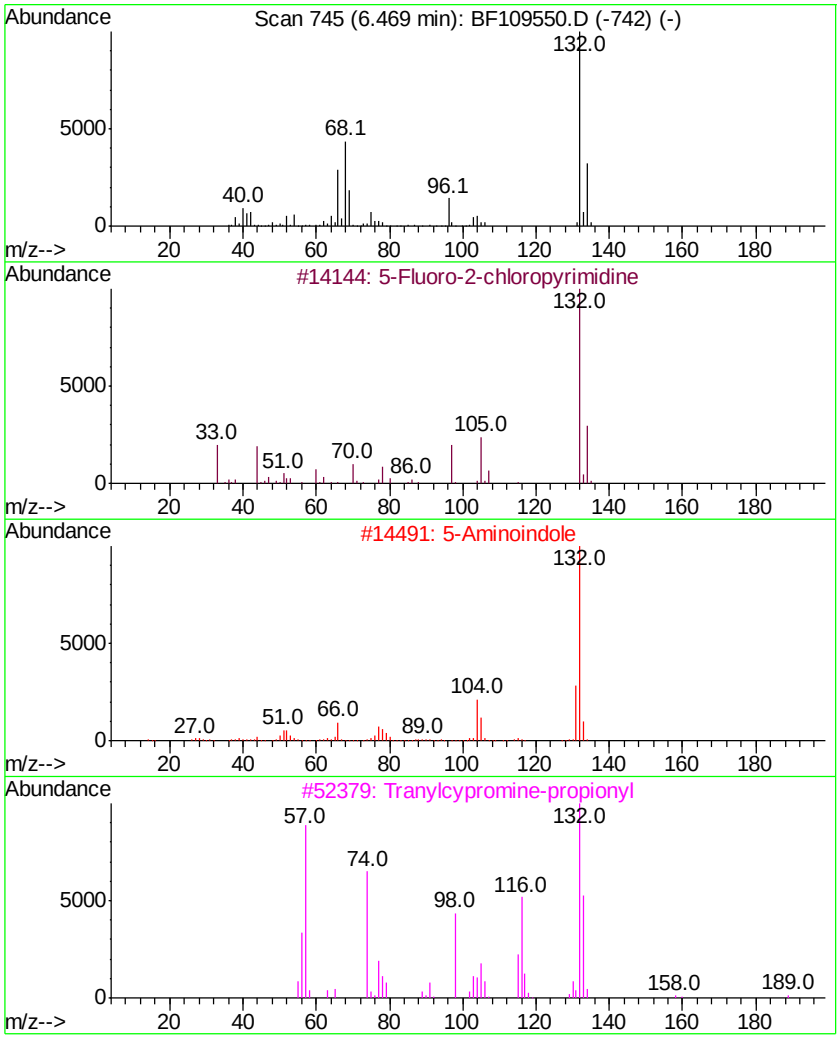
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

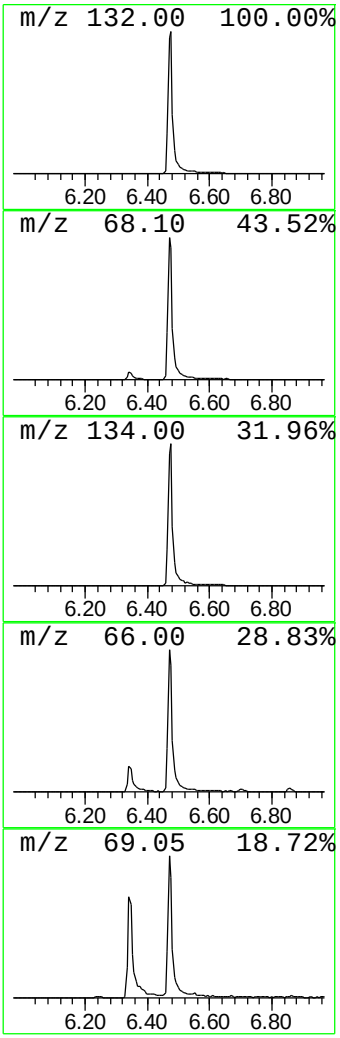
**********

Peak Number 1 unknown6.47 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.47 | 37.04 ng | 916436 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 16 |
| 2 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 4 | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2 | 029490-19-5 | 9 |
| 5 | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4 | 019485-35-9 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

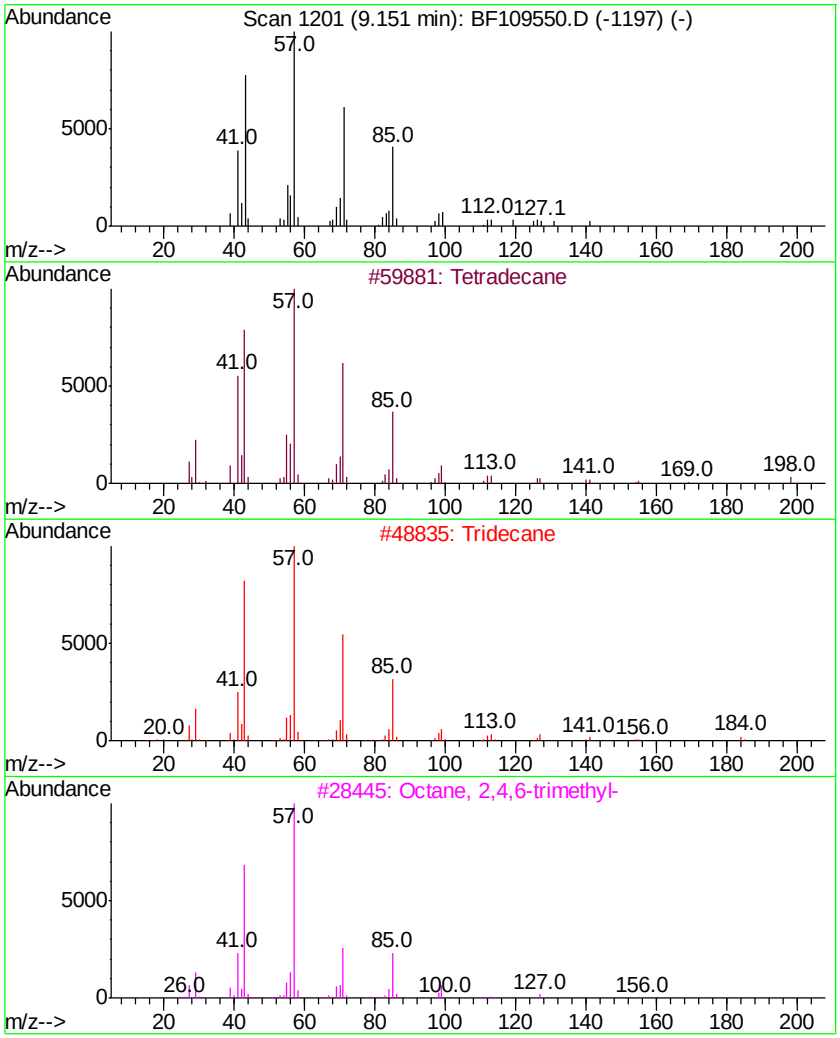
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

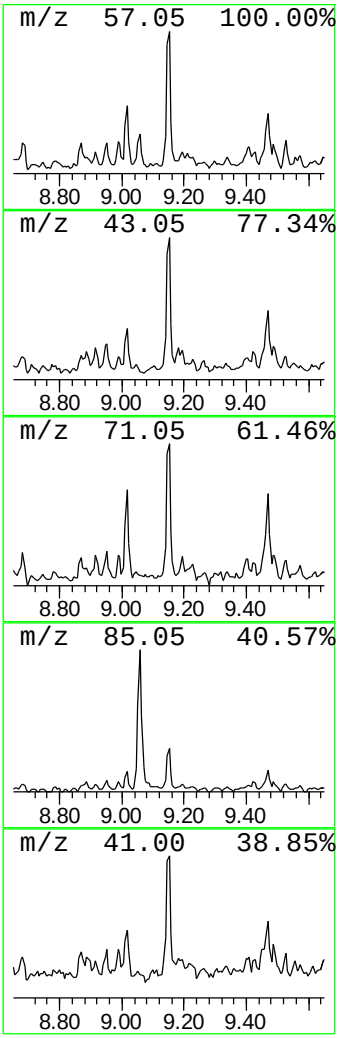
**********

Peak Number 3 Tetradecane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.15 | 2.05 ng | 59013 | Acenaphthene-d10 | 9.73 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 3 | Octane, 2,4,6-trimethyl- | 156 | C11H24 | 062016-37-9 | 80 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 5 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 78 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

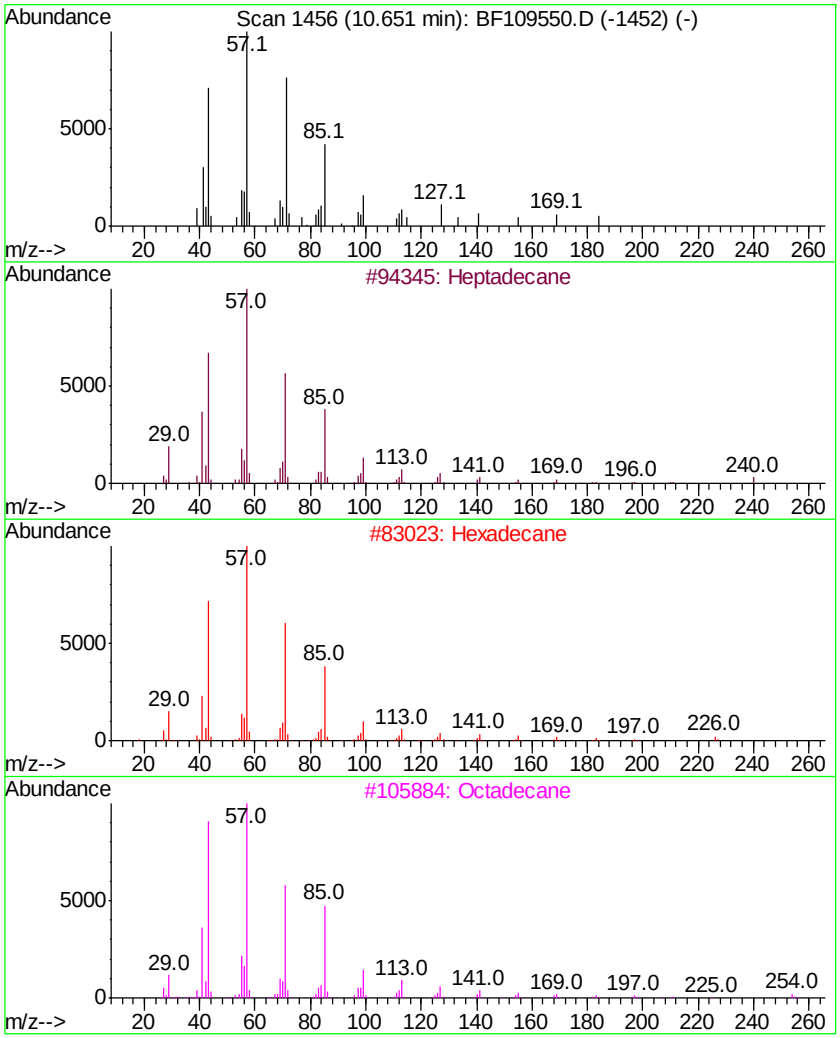
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

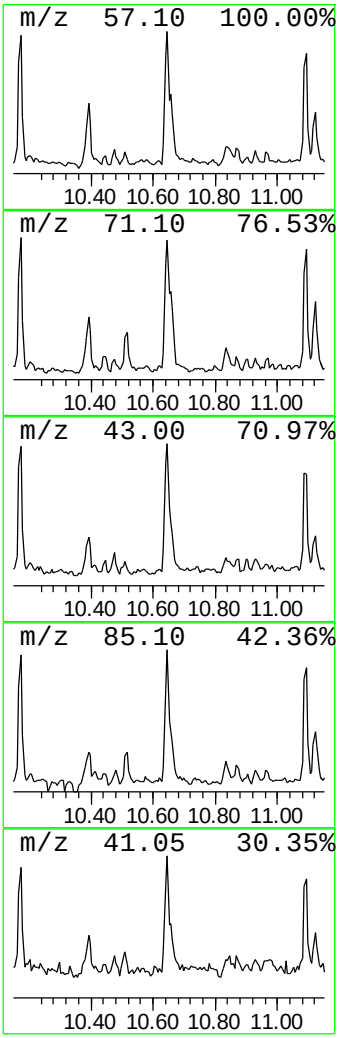
**********

Peak Number 4 Hexadecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.65 | 3.06 ng | 85636 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

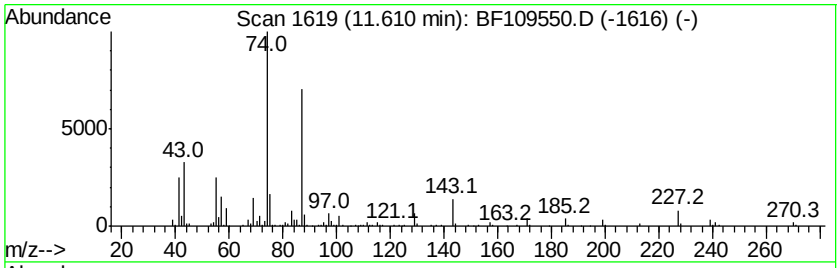
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

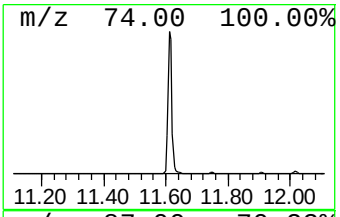
**********

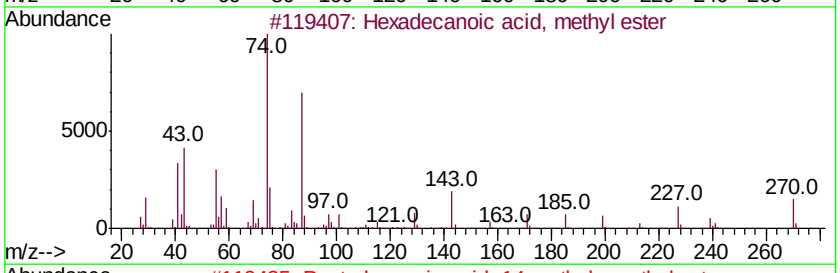
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 5

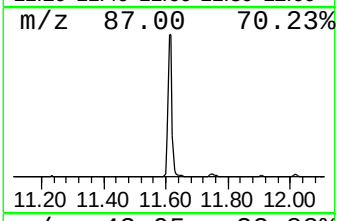
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.61 | 15.61 ng | 436999 | Phenanthrene-d10 | 11.21 |

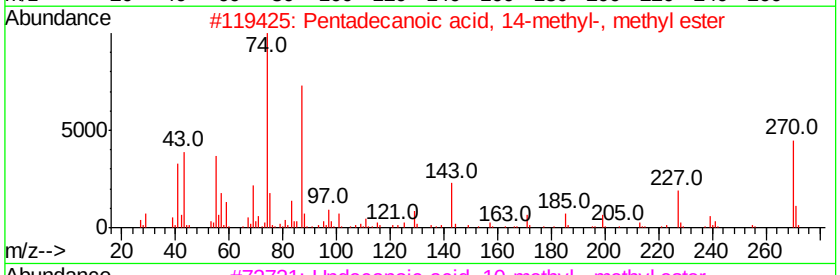
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 98 |
| 2 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 93 |
| 3 | Undecanoic acid, 10-methyl-, met... | 214 | C13H26O2 | 005129-56-6 | 90 |
| 4 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 90 |
| 5 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 87 |

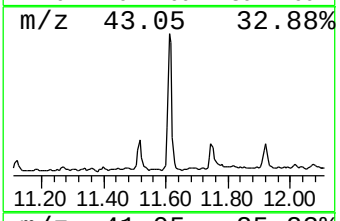


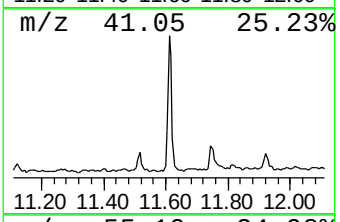



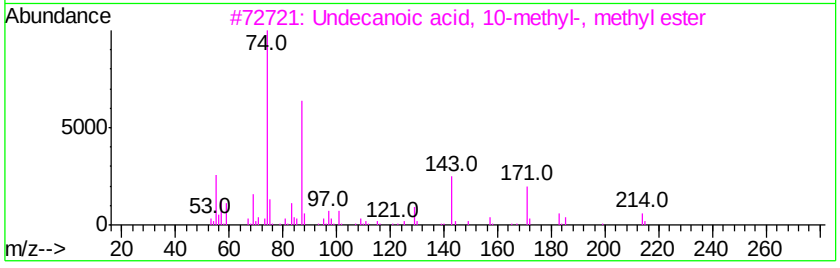



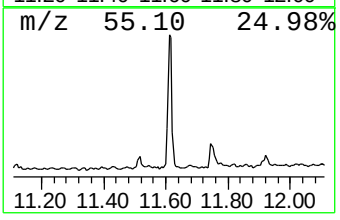



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

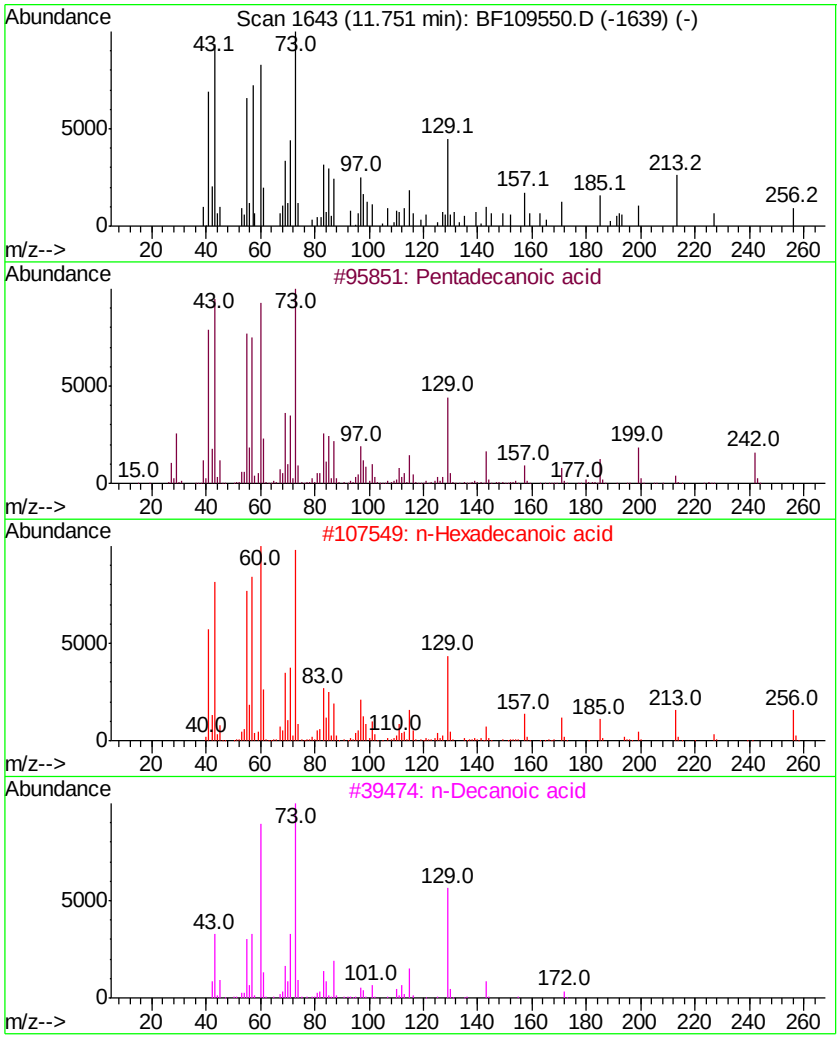
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

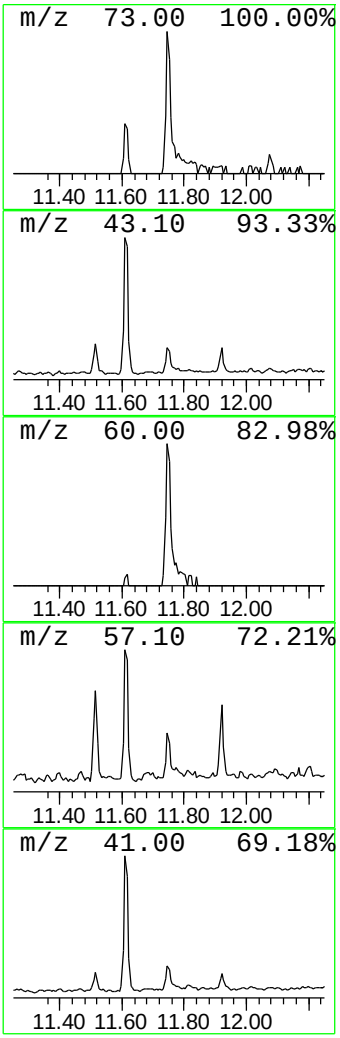
**********

Peak Number 6 Pentadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.75 | 3.25 ng | 91106 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 64 |
| 3 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 52 |
| 4 | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 11 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 11 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

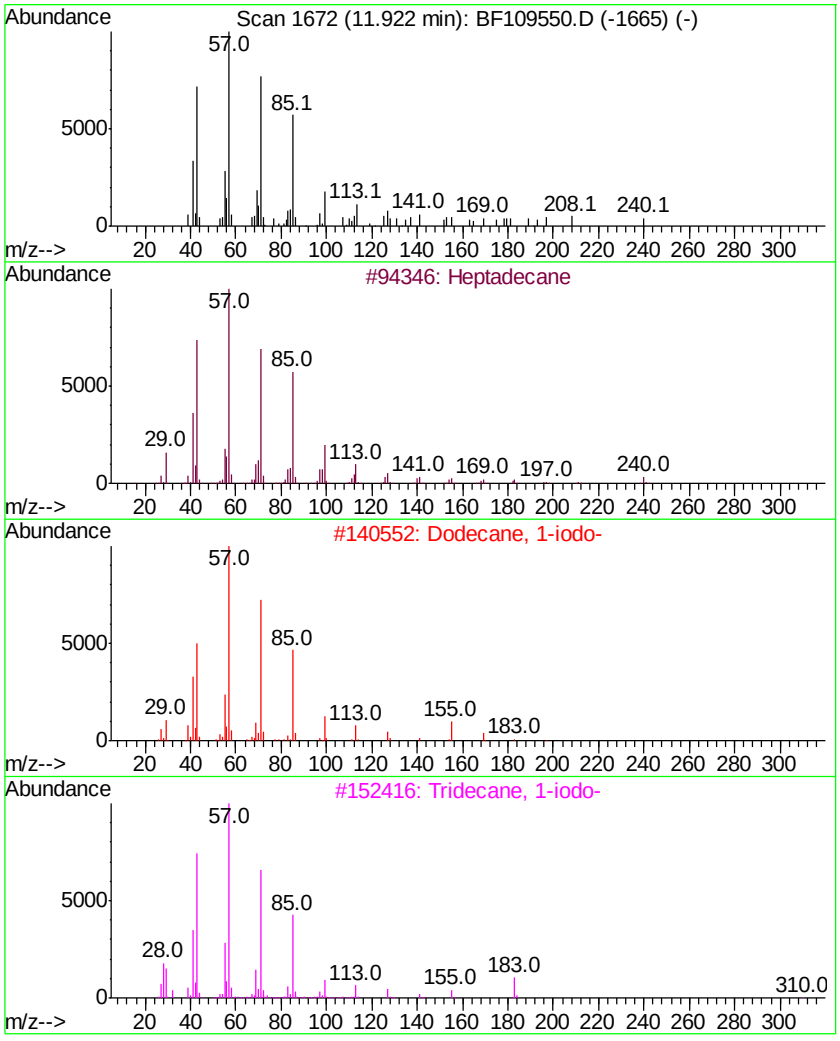
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

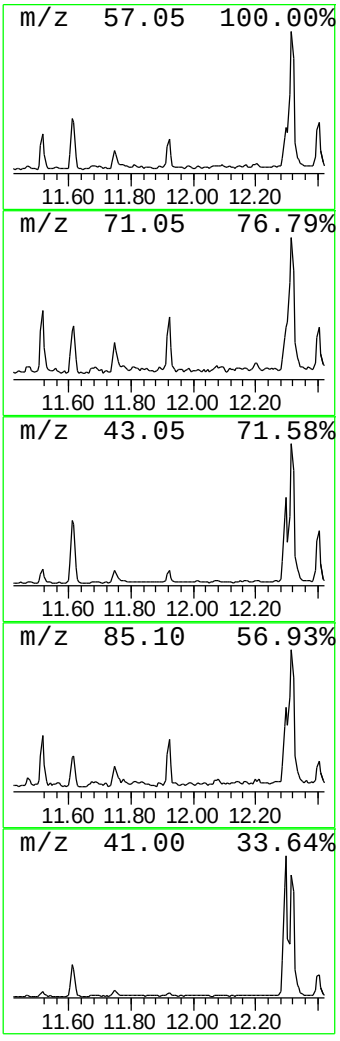
**********

Peak Number 7 Heptadecane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.92 | 2.71 ng | 75858 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 2 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 83 |
| 3 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 83 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 5 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 80 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

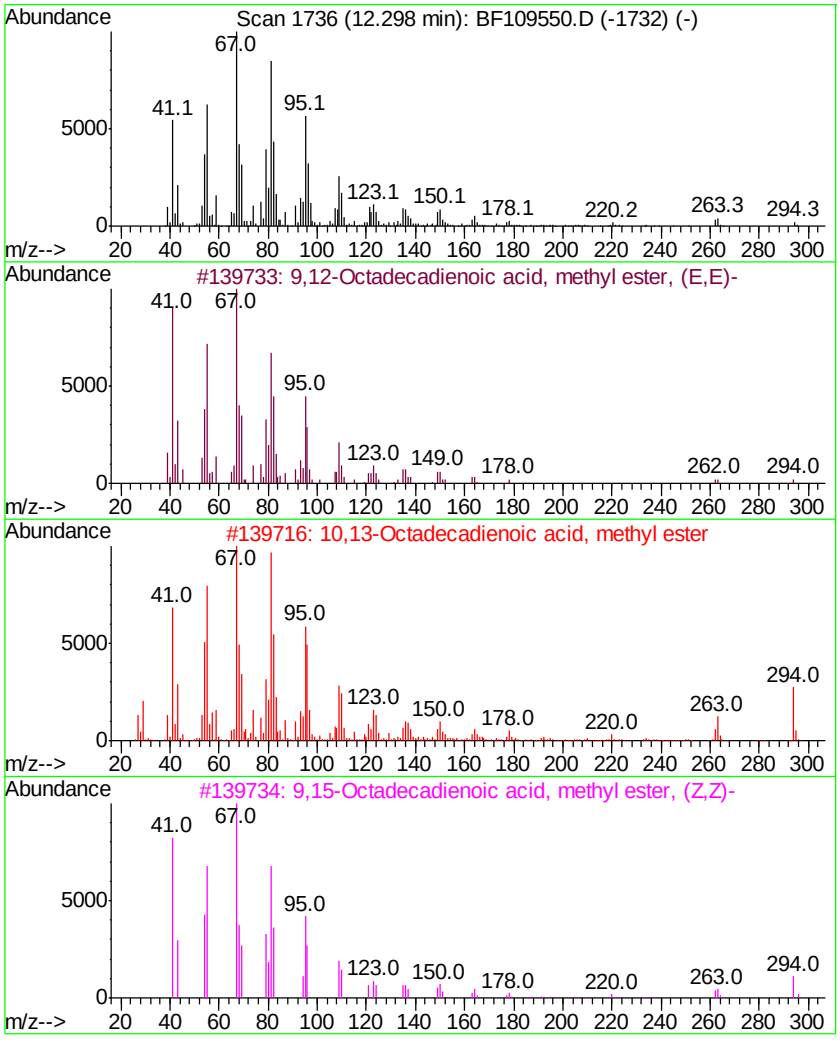
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

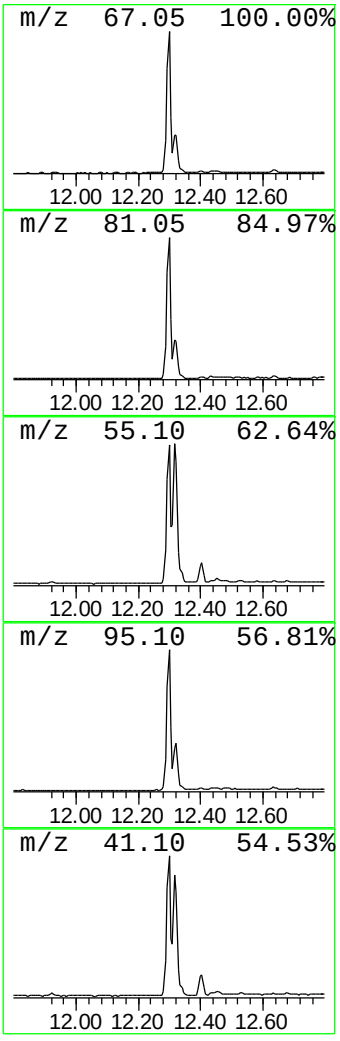
**********

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.30 | 77.09 ng | 2157910 | Phenanthrene-d10 | 11.21 |

| 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 | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6 | 99 |
| 4 | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 1000336-44-0 | 99 |
| 5 | Methyl 10-trans,12-cis-octadecad... | 294 | C19H34O2 | 1000336-44-2 | 98 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

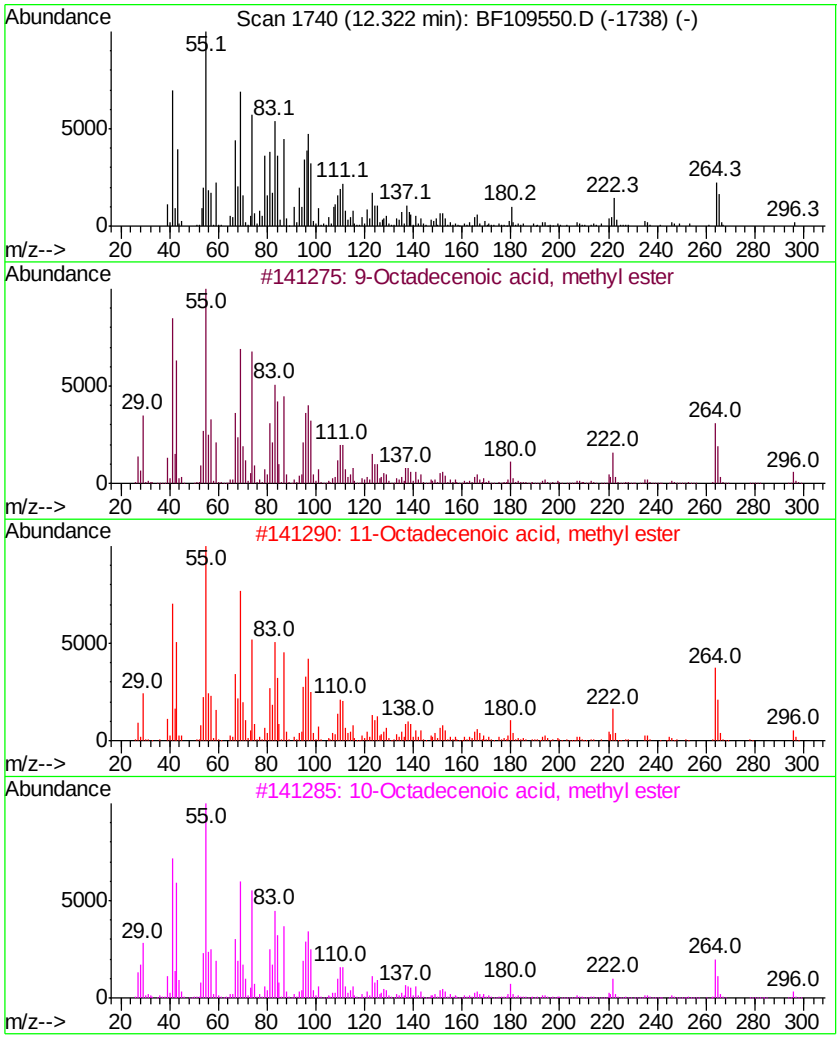
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

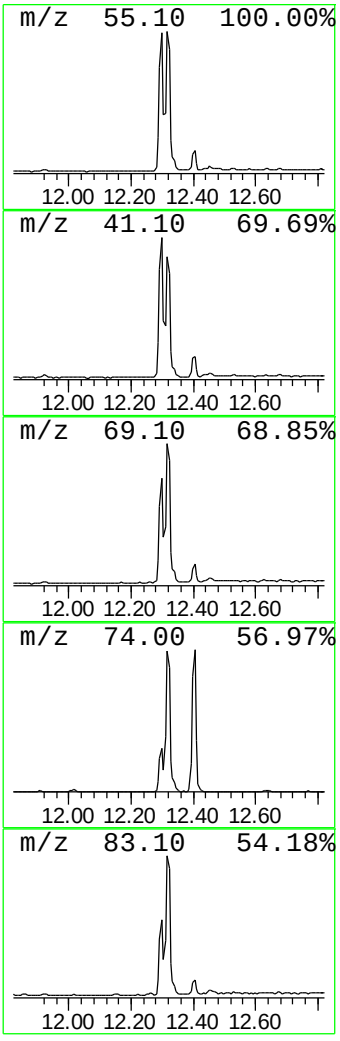
**********

Peak Number 9 9-Octadecenoic acid, methyl... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.32 | 51.72 ng | 1447750 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 002462-84-2 | 99 |
| 2 | 11-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 052380-33-3 | 99 |
| 3 | 10-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 013481-95-3 | 99 |
| 4 | 15-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 004764-72-1 | 99 |
| 5 | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

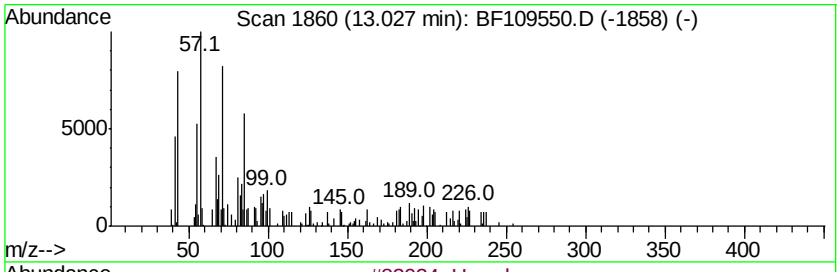
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

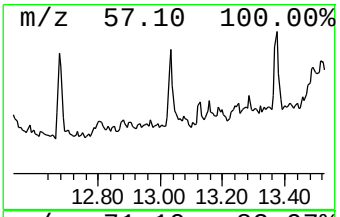
**********

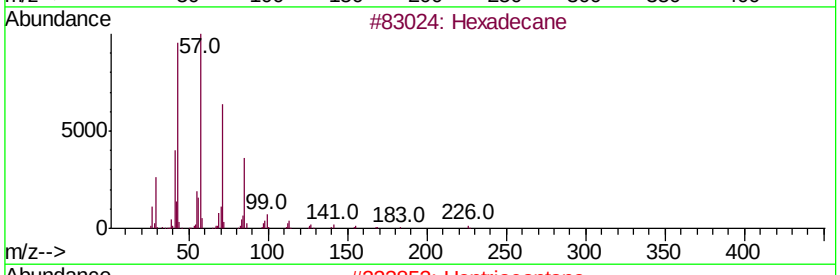
Peak Number 11 Hentriacontane Concentration Rank 11

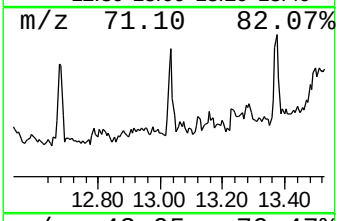
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.03 | 2.57 ng | 91010 | Chrysene-d12 | 13.84 |

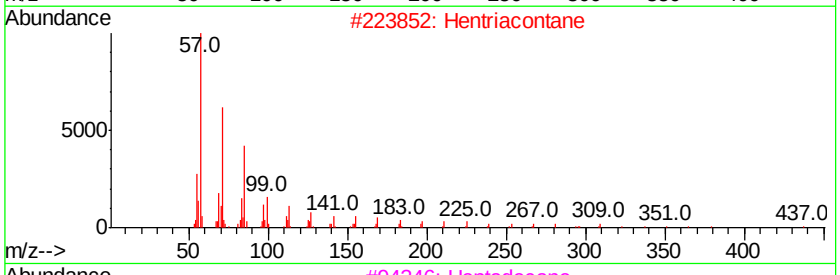
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 2 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 59 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 58 |
| 4 | Undecane, 2,3-dimethyl- | 184 | C13H28 | 017312-77-5 | 52 |
| 5 | Dodecane | 170 | C12H26 | 000112-40-3 | 52 |

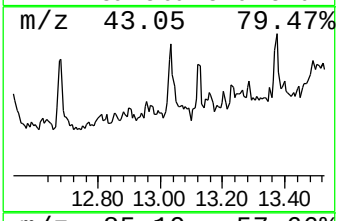


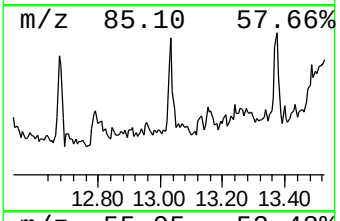



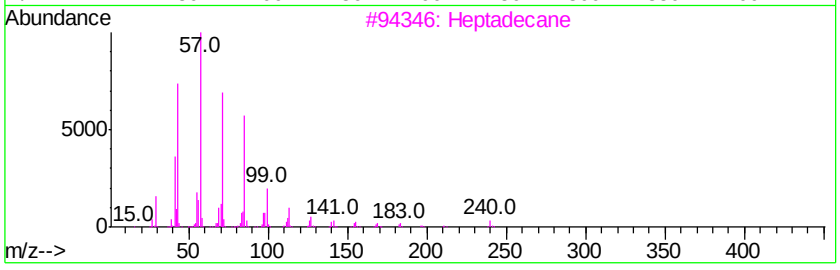



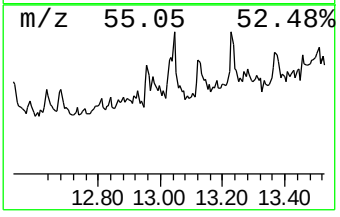



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

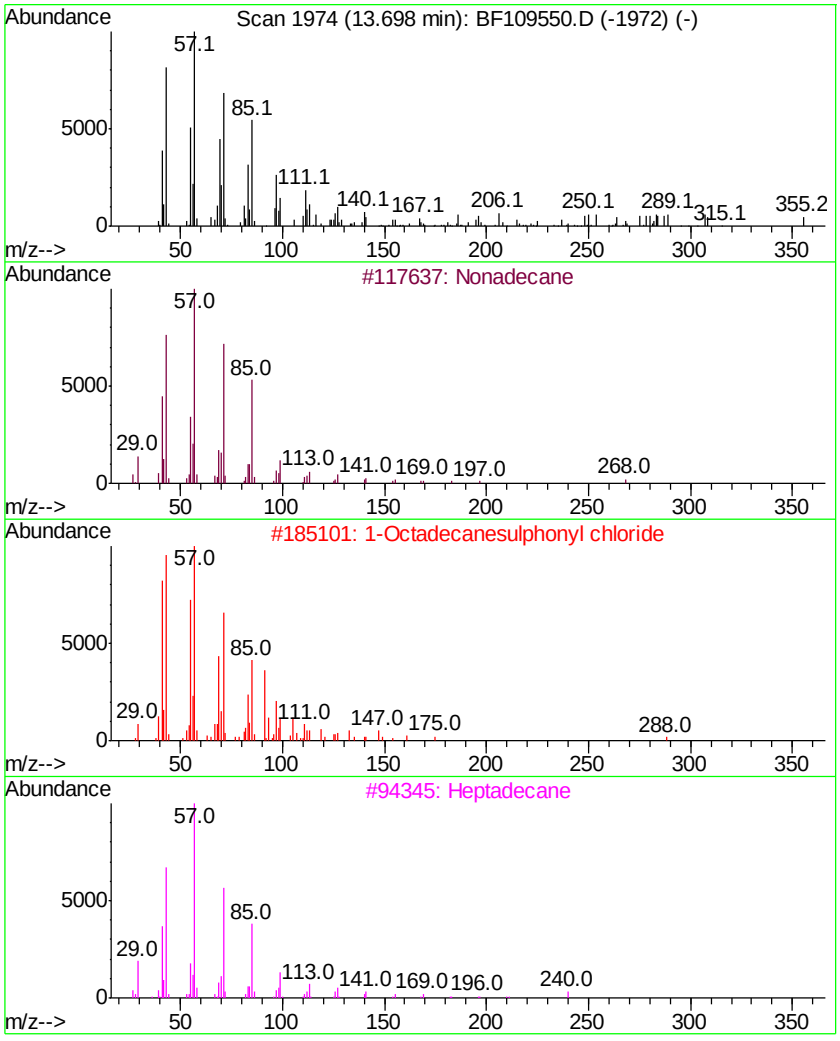
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

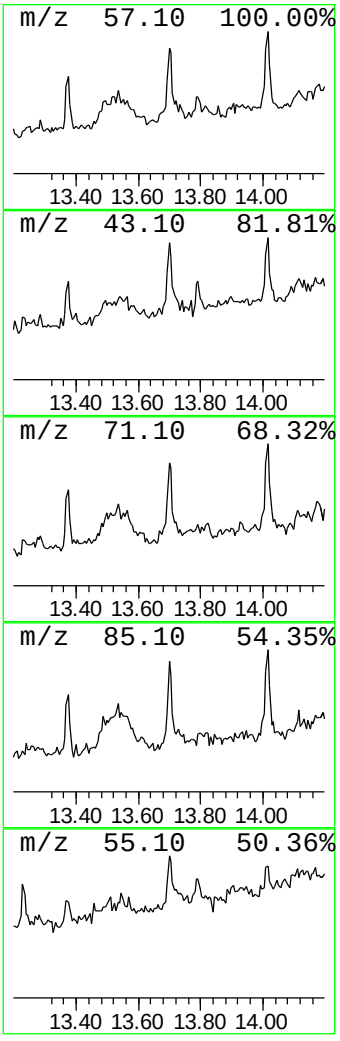
**********

Peak Number 12 Nonadecane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.70 | 2.59 ng | 91794 | Chrysene-d12 | 13.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 92 |
| 2 | 1-Octadecanesulphonyl chloride | 352 | C18H37ClO2S | 1000342-70-4 | 64 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 60 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 60 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 60 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
Data File : BF109550.D
Acq On : 3 Oct 2018 16:59
Operator : JU/SJ
Sample : J5194-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HR-06-100218-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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 |
| unknown6.47 | 6.47 | 37.0 | ng | 916436 | 1 | 6.70 | 494822 | 20.0 |
| Tetradecane | 9.15 | 2.0 | ng | 59013 | 3 | 9.73 | 575074 | 20.0 |
| Hexadecane | 10.65 | 3.1 | ng | 85636 | 4 | 11.21 | 559821 | 20.0 |
| Hexadecanoic acid... | 11.61 | 15.6 | ng | 436999 | 4 | 11.21 | 559821 | 20.0 |
| Pentadecanoic acid | 11.75 | 3.3 | ng | 91106 | 4 | 11.21 | 559821 | 20.0 |
| Heptadecane | 11.92 | 2.7 | ng | 75858 | 4 | 11.21 | 559821 | 20.0 |
| 9,12-Octadecadien... | 12.30 | 77.1 | ng | 2157910 | 4 | 11.21 | 559821 | 20.0 |
| 9-Octadecenoic ac... | 12.32 | 51.7 | ng | 1447750 | 4 | 11.21 | 559821 | 20.0 |
| Hentriacontane | 13.03 | 2.6 | ng | 91010 | 5 | 13.84 | 708948 | 20.0 |
| Nonadecane | 13.70 | 2.6 | ng | 91794 | 5 | 13.84 | 708948 | 20.0 |