LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

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-BF061918.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 | 5.178 | 480 | 483 | 495 | rBV | 70979 | 80312 | 8.94% | 0.679% |
| 2 | 5.589 | 549 | 553 | 566 | rBV | 732513 | 665992 | 74.11% | 5.630% |
| 3 | 6.589 | 719 | 723 | 736 | rBV | 748222 | 671677 | 74.74% | 5.678% |
| 4 | 6.725 | 743 | 746 | 750 | rBV | 828063 | 701564 | 78.07% | 5.931% |
| 5 | 6.954 | 781 | 785 | 788 | rBV | 486978 | 411021 | 45.74% | 3.475% |
| 6 | 7.107 | 807 | 811 | 815 | rBV | 695171 | 564512 | 62.82% | 4.772% |
| 7 | 7.513 | 876 | 880 | 892 | rBV | 455495 | 406617 | 45.25% | 3.437% |
| 8 | 8.236 | 999 | 1003 | 1008 | rBV | 537700 | 484810 | 53.95% | 4.099% |
| 9 | 9.236 | 1170 | 1173 | 1177 | rVB | 31736 | 24223 | 2.70% | 0.205% |
| 10 | 9.307 | 1181 | 1185 | 1193 | rVV | 843339 | 745516 | 82.96% | 6.303% |
| 11 | 9.377 | 1193 | 1197 | 1200 | rVB2 | 24047 | 25604 | 2.85% | 0.216% |
| 12 | 9.695 | 1247 | 1251 | 1257 | rBV2 | 168028 | 204906 | 22.80% | 1.732% |
| 13 | 9.795 | 1267 | 1268 | 1271 | rVB3 | 15320 | 11898 | 1.32% | 0.101% |
| 14 | 9.848 | 1271 | 1277 | 1279 | rBV5 | 26412 | 33786 | 3.76% | 0.286% |
| 15 | 9.901 | 1283 | 1286 | 1290 | rVB3 | 41452 | 41587 | 4.63% | 0.352% |
| 16 | 9.942 | 1290 | 1293 | 1295 | rBV3 | 14097 | 17006 | 1.89% | 0.144% |
| 17 | 9.972 | 1295 | 1298 | 1299 | rVV2 | 14068 | 15605 | 1.74% | 0.132% |
| 18 | 9.995 | 1299 | 1302 | 1307 | rVB | 500823 | 444694 | 49.49% | 3.759% |
| 19 | 10.124 | 1322 | 1324 | 1325 | rBV2 | 12781 | 9955 | 1.11% | 0.084% |
| 20 | 10.160 | 1328 | 1330 | 1333 | rVB2 | 28746 | 25477 | 2.84% | 0.215% |
| 21 | 10.224 | 1338 | 1341 | 1343 | rBV2 | 24542 | 25101 | 2.79% | 0.212% |
| 22 | 10.319 | 1352 | 1357 | 1359 | rBV6 | 21176 | 39146 | 4.36% | 0.331% |
| 23 | 10.401 | 1368 | 1371 | 1373 | rVB2 | 57265 | 44347 | 4.93% | 0.375% |
| 24 | 10.430 | 1373 | 1376 | 1379 | rBV3 | 20904 | 22913 | 2.55% | 0.194% |
| 25 | 10.513 | 1388 | 1390 | 1392 | rBV3 | 11592 | 13213 | 1.47% | 0.112% |
| 26 | 10.619 | 1404 | 1408 | 1411 | rBV | 149268 | 164985 | 18.36% | 1.395% |
| 27 | 10.648 | 1411 | 1413 | 1415 | rVV3 | 16023 | 14138 | 1.57% | 0.120% |
| 28 | 10.677 | 1415 | 1418 | 1421 | rVV5 | 15726 | 17805 | 1.98% | 0.151% |
| 29 | 10.742 | 1427 | 1429 | 1433 | rVB2 | 24999 | 23495 | 2.61% | 0.199% |
| 30 | 10.783 | 1433 | 1436 | 1440 | rBV | 370728 | 371785 | 41.37% | 3.143% |
| 31 | 10.889 | 1449 | 1454 | 1457 | rBV | 331953 | 330891 | 36.82% | 2.797% |
| 32 | 10.977 | 1466 | 1469 | 1472 | rBV3 | 20065 | 20317 | 2.26% | 0.172% |
| 33 | 11.119 | 1492 | 1493 | 1497 | rVB3 | 26040 | 23871 | 2.66% | 0.202% |
| 34 | 11.201 | 1505 | 1507 | 1509 | rBV3 | 19580 | 19677 | 2.19% | 0.166% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.224 | 1509 | 1511 | 1513 | rBV3 | 25622 | 24206 | 2.69% | 0.205% |
| 36 | 11.283 | 1518 | 1521 | 1526 | rBV6 | 21049 | 27107 | 3.02% | 0.229% |
| 37 | 11.324 | 1526 | 1528 | 1530 | rBV2 | 28569 | 21693 | 2.41% | 0.183% |
| 38 | 11.354 | 1530 | 1533 | 1536 | rBV | 173372 | 156061 | 17.37% | 1.319% |
| 39 | 11.483 | 1552 | 1555 | 1559 | rBV | 431201 | 397002 | 44.18% | 3.356% |
| 40 | 11.595 | 1572 | 1574 | 1579 | rVB4 | 31075 | 30313 | 3.37% | 0.256% |
| 41 | 11.636 | 1579 | 1581 | 1582 | rBV2 | 17665 | 15226 | 1.69% | 0.129% |
| 42 | 11.707 | 1590 | 1593 | 1597 | rVV3 | 53607 | 57706 | 6.42% | 0.488% |
| 43 | 11.754 | 1598 | 1601 | 1604 | rVB5 | 34027 | 33666 | 3.75% | 0.285% |
| 44 | 11.854 | 1615 | 1618 | 1621 | rVB | 313948 | 241158 | 26.84% | 2.039% |
| 45 | 11.983 | 1638 | 1640 | 1643 | rBV3 | 15356 | 19662 | 2.19% | 0.166% |
| 46 | 12.160 | 1668 | 1670 | 1673 | rBV | 19668 | 19560 | 2.18% | 0.165% |
| 47 | 12.542 | 1732 | 1735 | 1737 | rBV | 926300 | 898635 | 100.00% | 7.597% |
| 48 | 12.565 | 1737 | 1739 | 1746 | rVV2 | 791076 | 696114 | 77.46% | 5.885% |
| 49 | 12.648 | 1750 | 1753 | 1759 | rVB | 174375 | 151943 | 16.91% | 1.285% |
| 50 | 12.701 | 1760 | 1762 | 1766 | rBV | 27194 | 22924 | 2.55% | 0.194% |
| 51 | 12.883 | 1791 | 1793 | 1797 | rVB4 | 31071 | 28849 | 3.21% | 0.244% |
| 52 | 12.936 | 1797 | 1802 | 1807 | rVB3 | 47628 | 72503 | 8.07% | 0.613% |
| 53 | 12.983 | 1807 | 1810 | 1813 | rBV | 28672 | 26053 | 2.90% | 0.220% |
| 54 | 13.036 | 1816 | 1819 | 1821 | rBV3 | 14528 | 18547 | 2.06% | 0.157% |
| 55 | 13.065 | 1821 | 1824 | 1828 | rBV | 852061 | 723831 | 80.55% | 6.119% |
| 56 | 13.213 | 1846 | 1849 | 1851 | rBV3 | 25939 | 20531 | 2.28% | 0.174% |
| 57 | 13.248 | 1851 | 1855 | 1858 | rVV5 | 13088 | 24011 | 2.67% | 0.203% |
| 58 | 13.371 | 1873 | 1876 | 1880 | rBV3 | 26606 | 30512 | 3.40% | 0.258% |
| 59 | 13.618 | 1915 | 1918 | 1920 | rVB2 | 14276 | 12746 | 1.42% | 0.108% |
| 60 | 13.948 | 1971 | 1974 | 1978 | rVB3 | 34243 | 33022 | 3.67% | 0.279% |
| 61 | 14.042 | 1988 | 1990 | 1994 | rBV3 | 21266 | 22558 | 2.51% | 0.191% |
| 62 | 14.136 | 2002 | 2006 | 2009 | rBV | 667475 | 609386 | 67.81% | 5.152% |
| 63 | 14.265 | 2026 | 2028 | 2030 | rBV2 | 19269 | 16019 | 1.78% | 0.135% |
| 64 | 14.895 | 2133 | 2135 | 2139 | rBV3 | 21587 | 21539 | 2.40% | 0.182% |
| 65 | 15.671 | 2260 | 2267 | 2279 | rBV | 432087 | 637348 | 70.92% | 5.388% |

Sum of corrected areas: 11828877

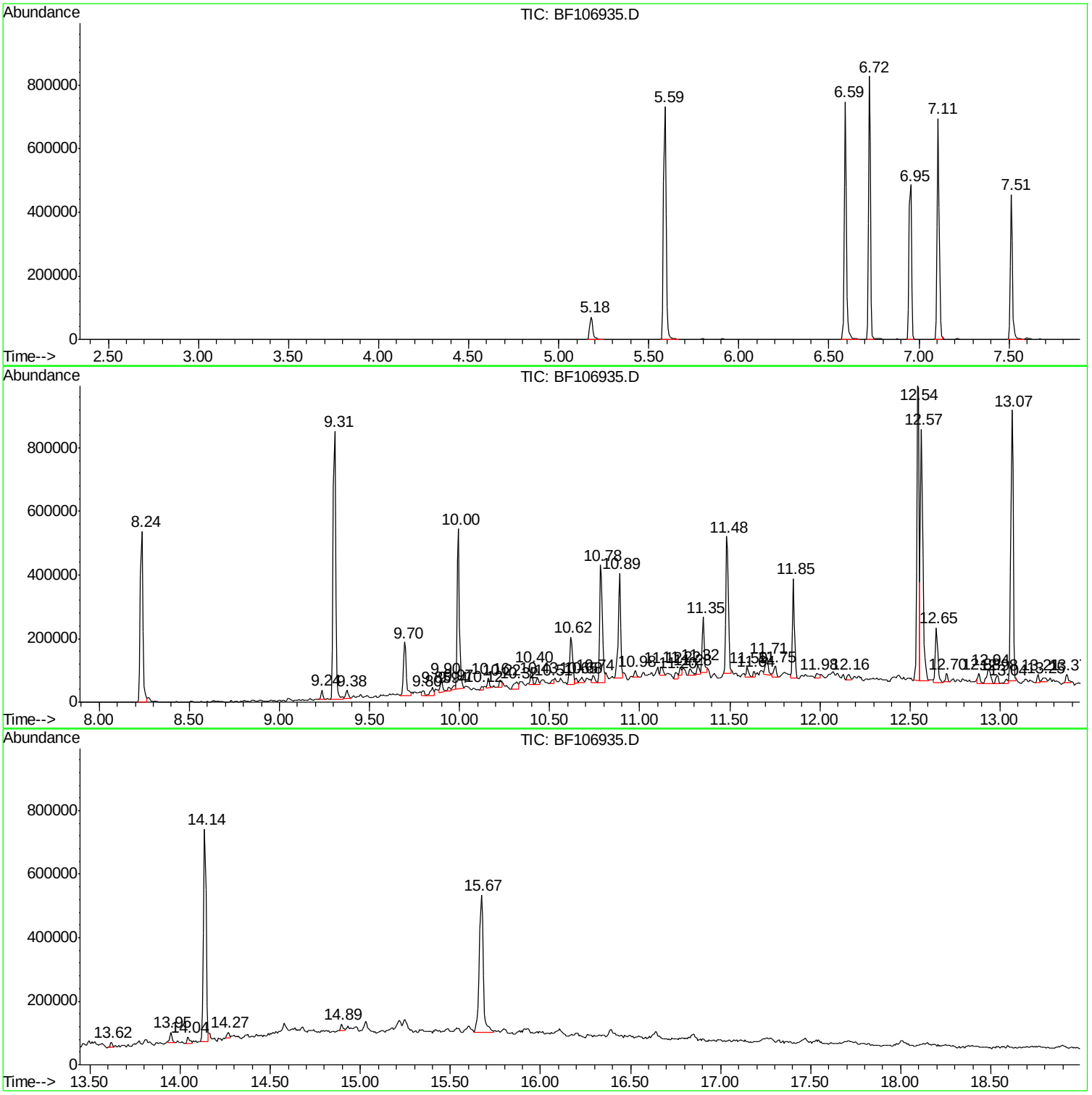
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

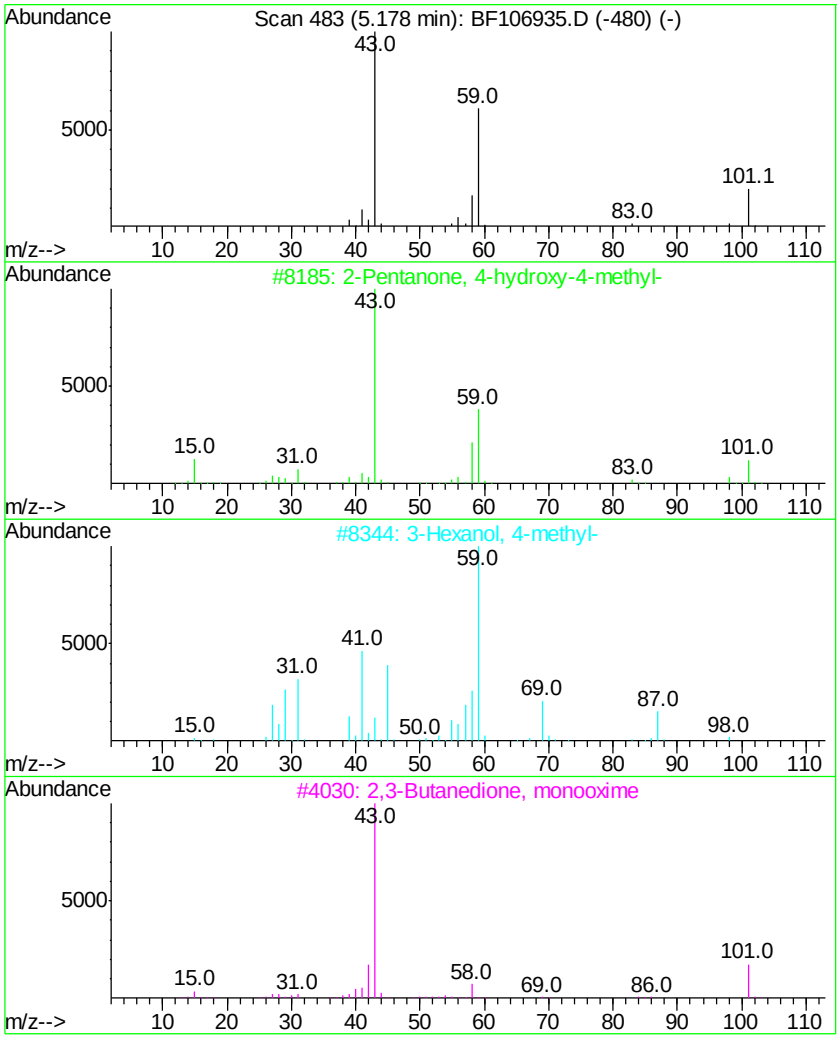
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

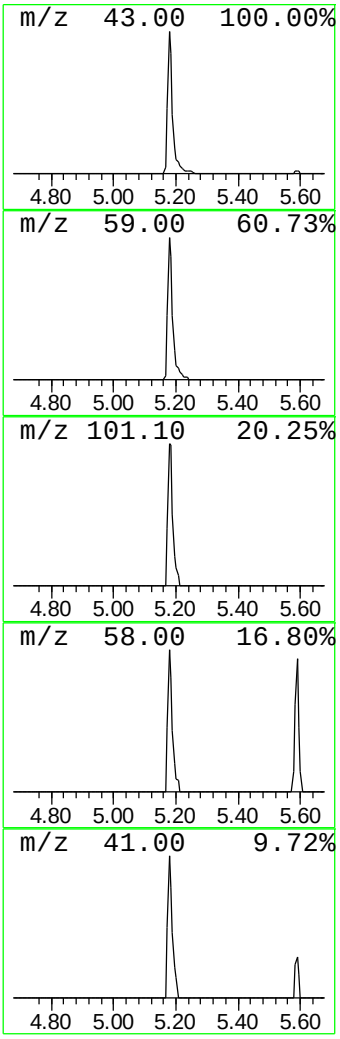
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.18 | 3.91 ng | 80312 | 1,4-Dichlorobenzene-d4 | 6.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53 |
| 2 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 28 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 4 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |
| 5 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

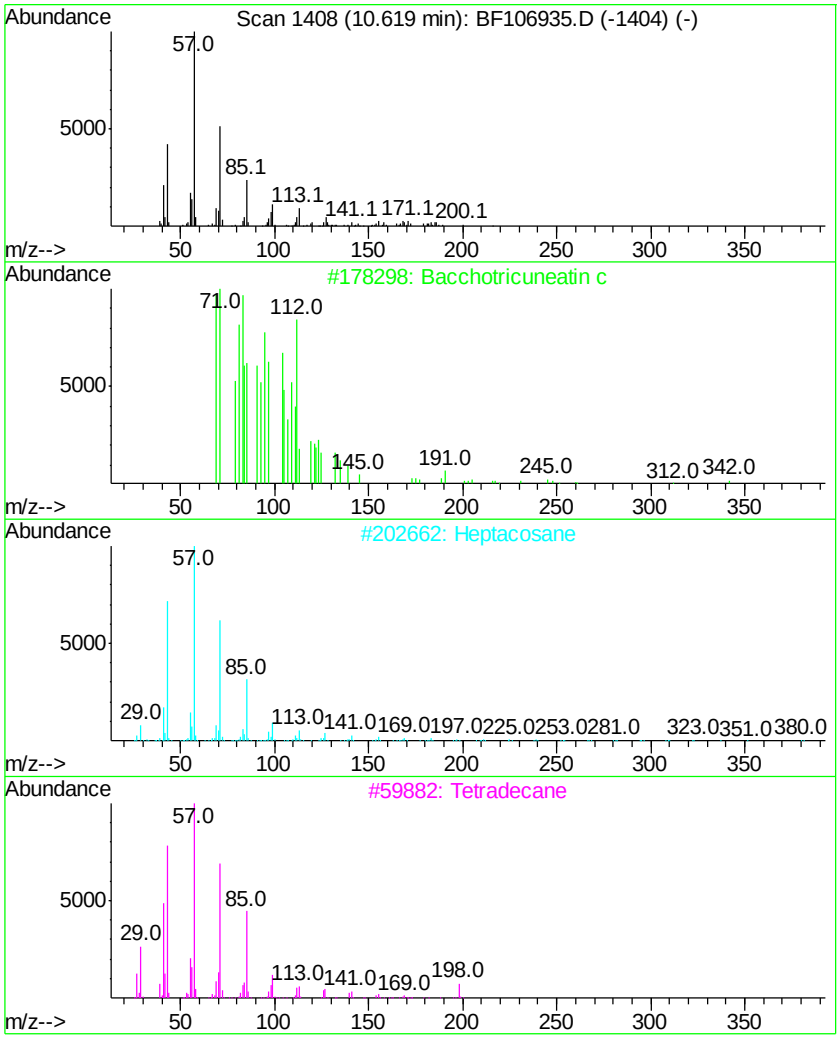
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

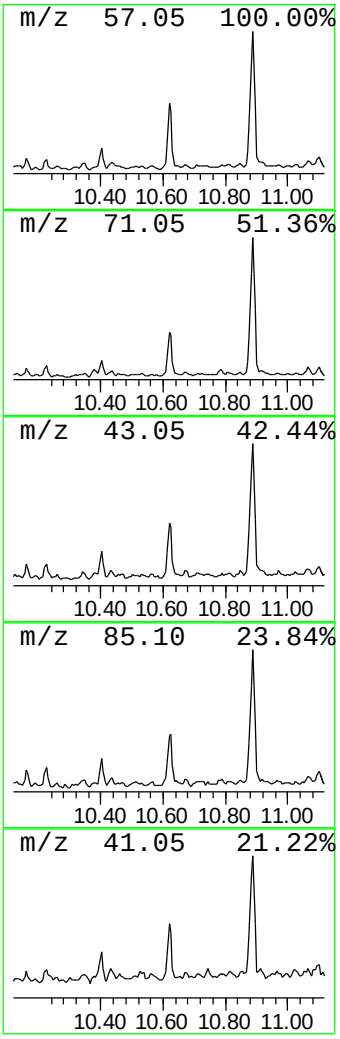
**********

Peak Number 4 Bacchotricuneatin c Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.62 | 7.42 ng | 164985 | Acenaphthene-d10 | 10.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 99 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 80 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 74 |
| 4 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 72 |
| 5 | Undecane, 3,6-dimethyl- | 184 | C13H28 | 017301-28-9 | 72 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

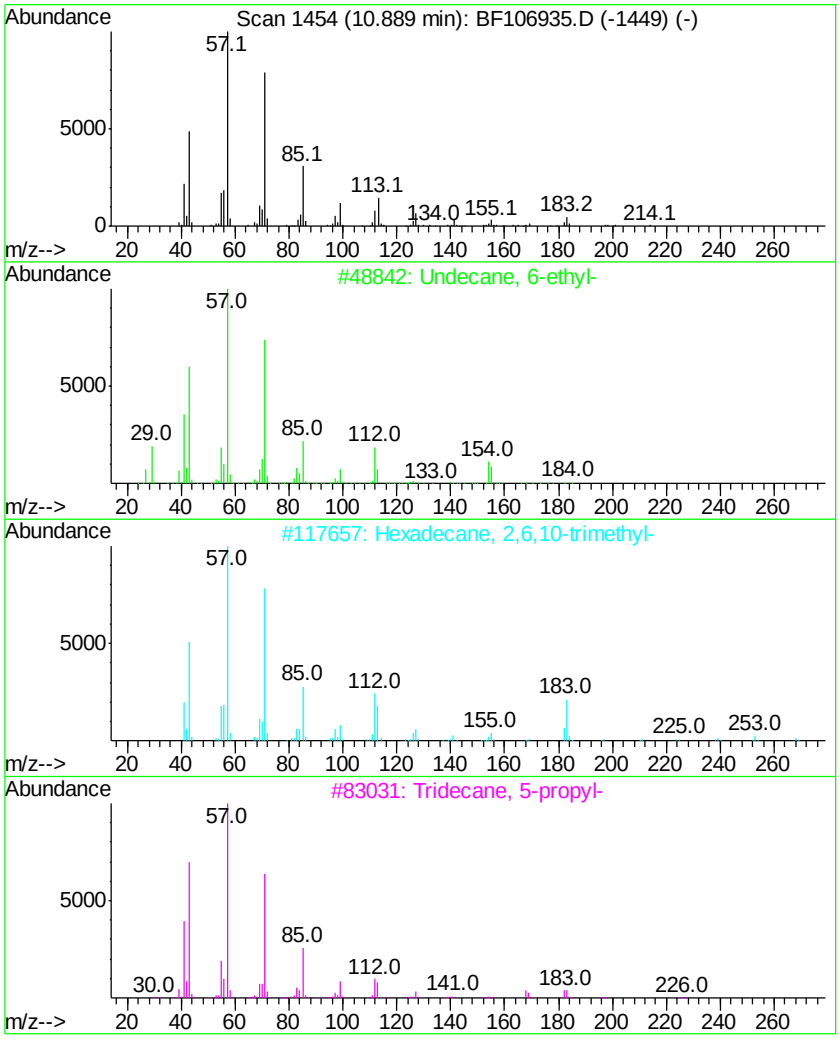
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

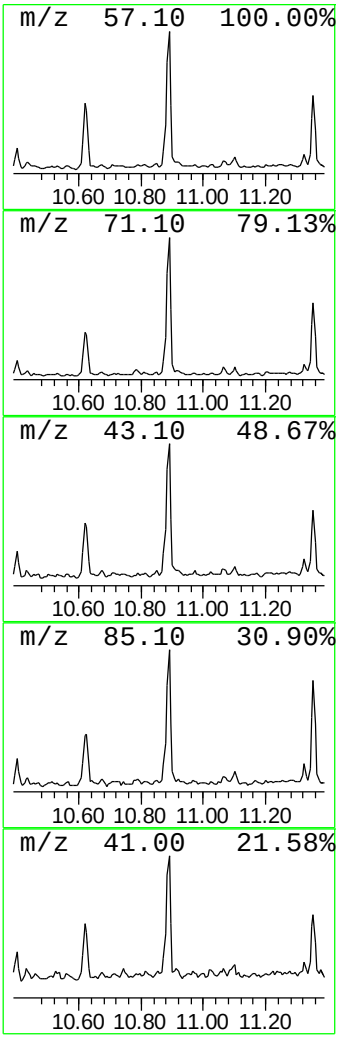
**********

Peak Number 5 Undecane, 6-ethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.89 | 16.67 ng | 330891 | Phenanthrene-d10 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 6-ethyl- | 184 | C13H28 | 017312-60-6 | 90 |
| 2 | Hexadecane, 2,6,10-trimethyl- | 268 | C19H40 | 055000-52-7 | 90 |
| 3 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 90 |
| 4 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 86 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

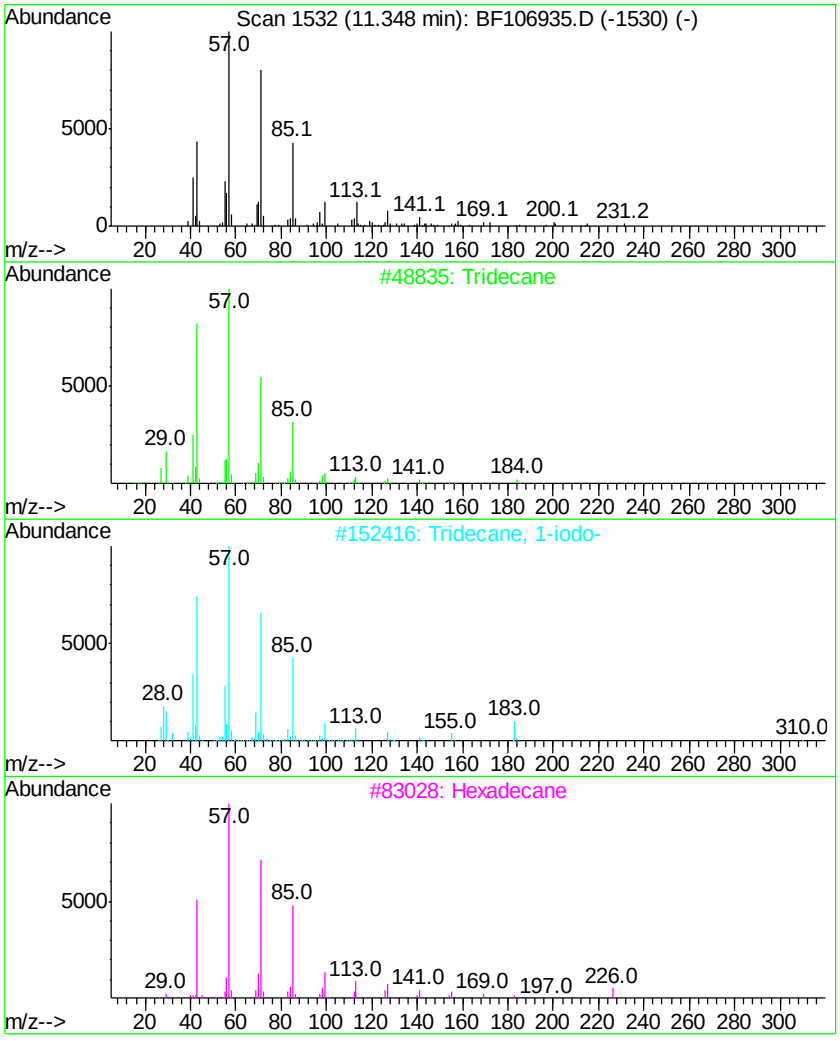
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

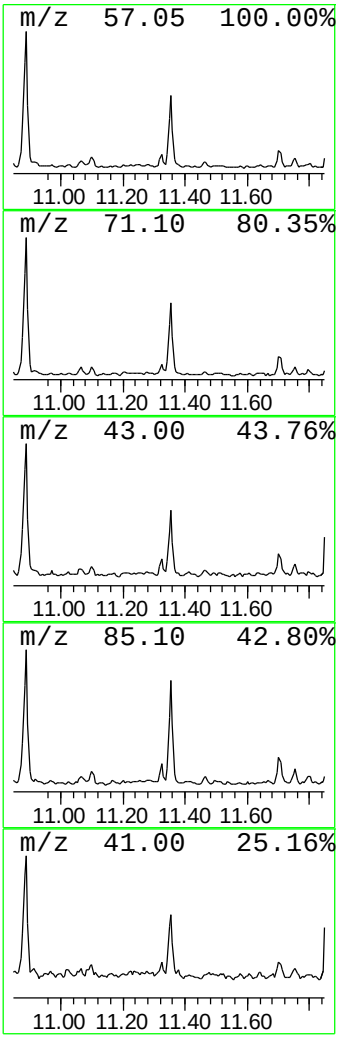
**********

Peak Number 6 Tridecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.35 | 7.86 ng | 156061 | Phenanthrene-d10 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 91 |
| 2 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 86 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 86 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

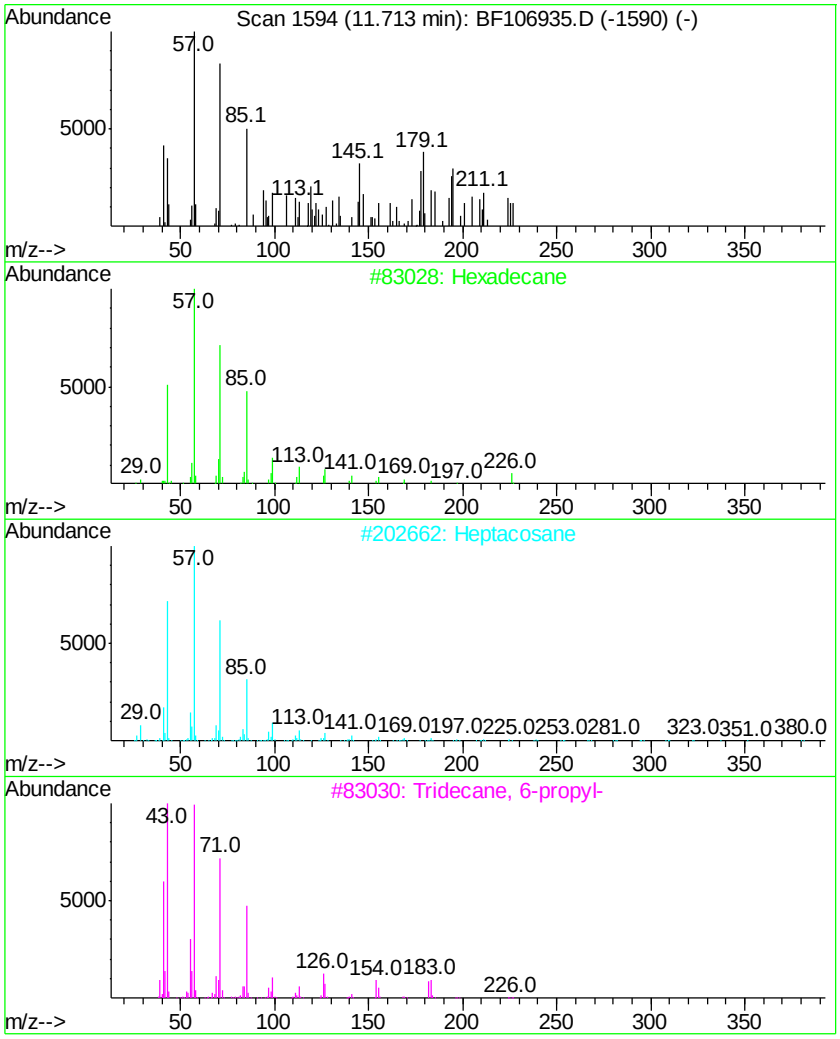
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

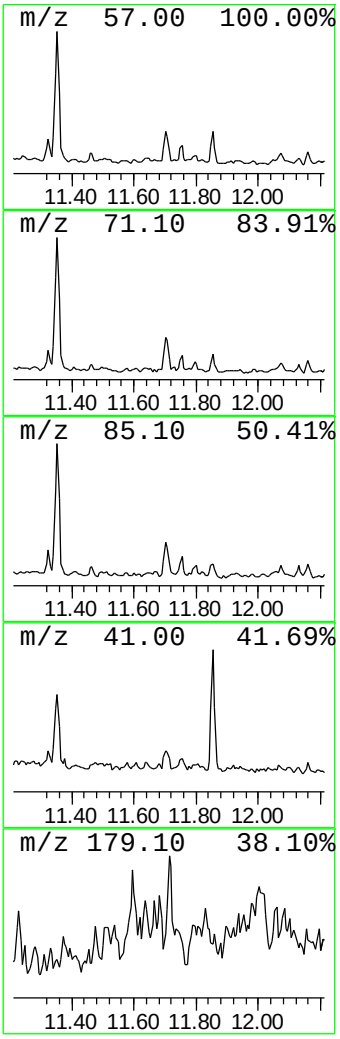
**********

Peak Number 7 Hexadecane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.71 | 2.91 ng | 57706 | Phenanthrene-d10 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 74 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 72 |
| 3 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 72 |
| 4 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 68 |
| 5 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

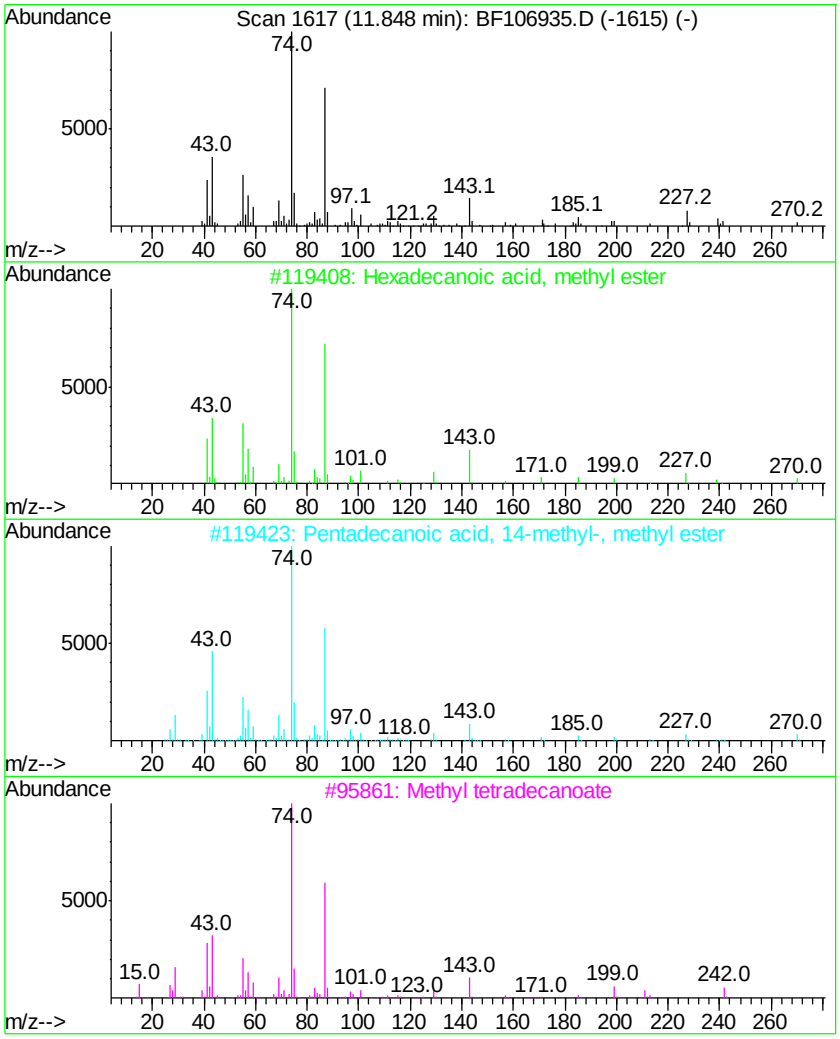
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

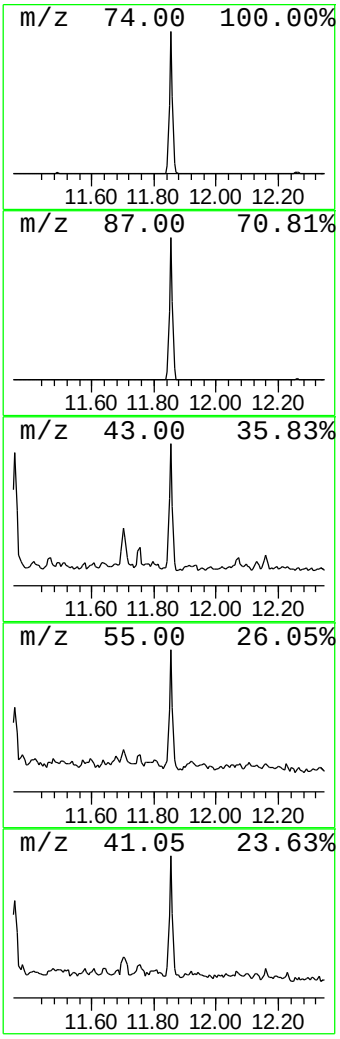
**********

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.85 | 12.15 ng | 241158 | Phenanthrene-d10 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 97 |
| 2 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 94 |
| 3 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 91 |
| 4 | Tridecanoic acid, methyl ester | 228 | C14H28O2 | 001731-88-0 | 89 |
| 5 | Dodecanoic acid, 10-methyl-, met... | 228 | C14H28O2 | 005129-65-7 | 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

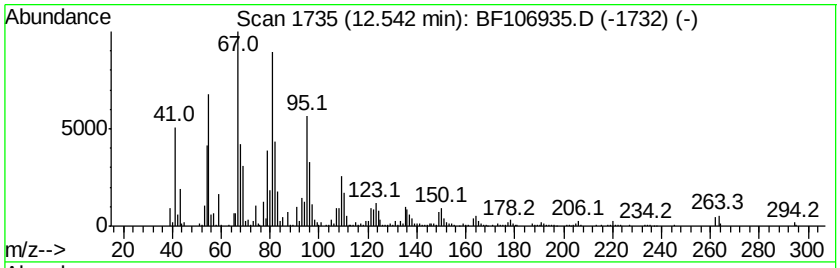
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

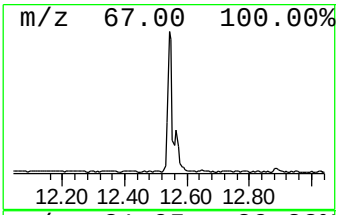
**********

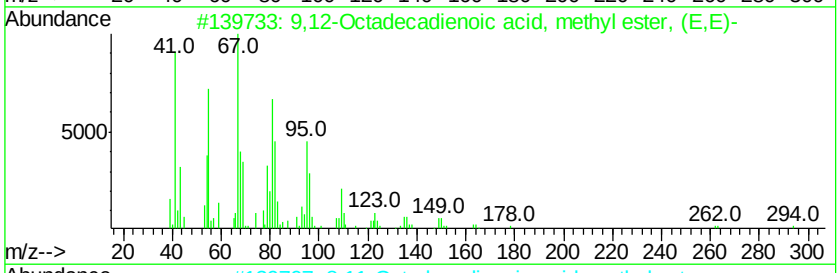
Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 1

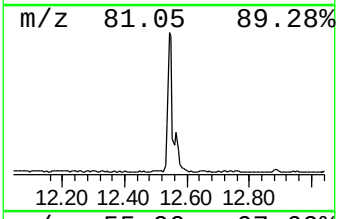
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.54 | 45.27 ng | 898635 | Phenanthrene-d10 | 11.48 |

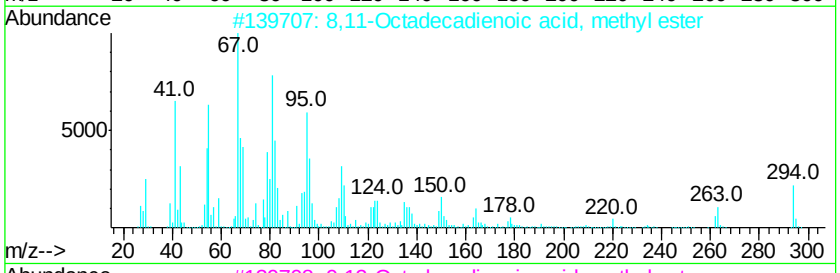
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 99 |
| 2 | 8,11-Octadecadienoic acid, methy... | 294 | C19H34O2 | 056599-58-7 | 99 |
| 3 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 99 |
| 4 | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 97 |
| 5 | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 1000336-44-0 | 96 |

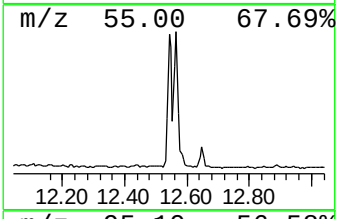


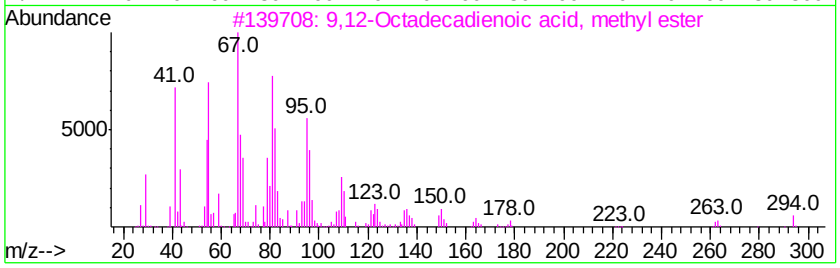



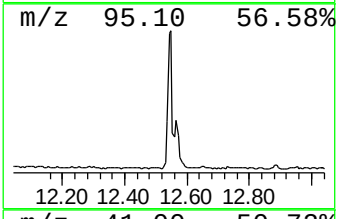



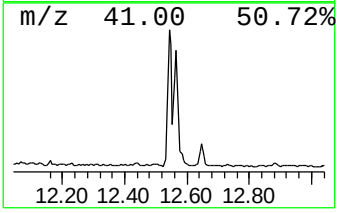



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

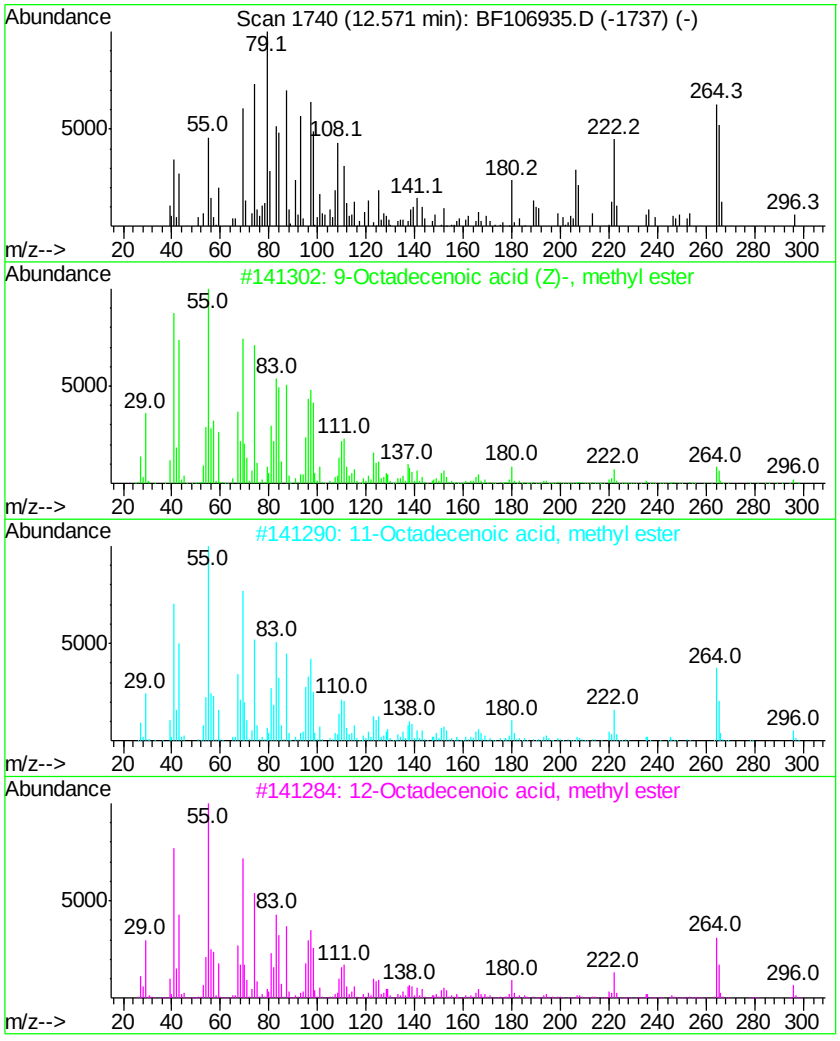
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

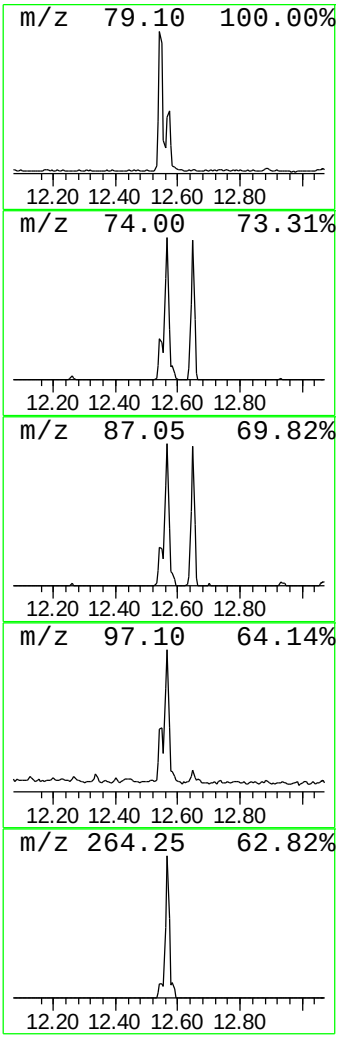
**********

Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.57 | 35.07 ng | 696114 | Phenanthrene-d10 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 95 |
| 2 | 11-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 052380-33-3 | 94 |
| 3 | 12-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-46-2 | 94 |
| 4 | 14-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-48-4 | 94 |
| 5 | 10-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 013481-95-3 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

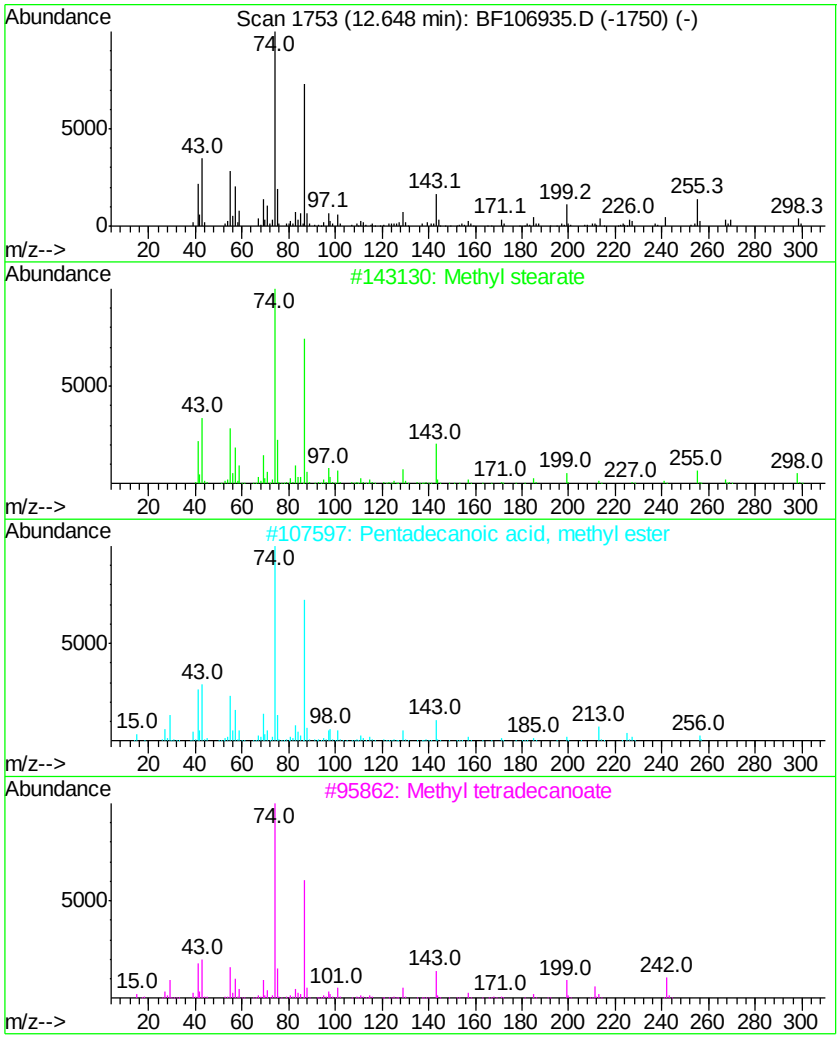
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

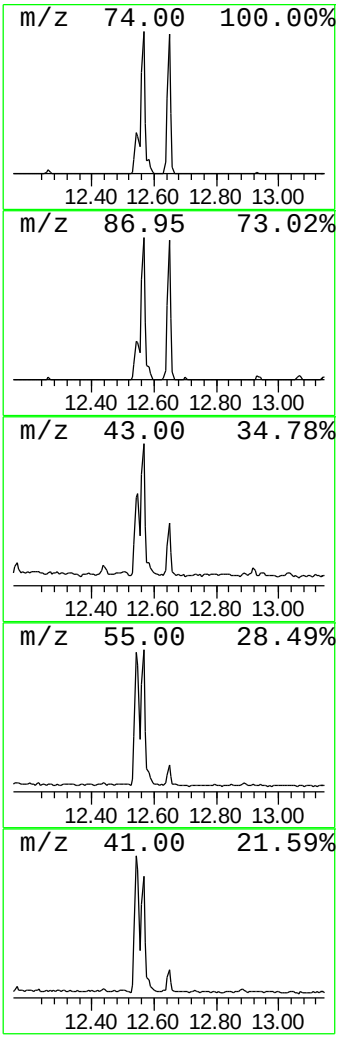
**********

Peak Number 11 Methyl stearate Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.65 | 7.65 ng | 151943 | Phenanthrene-d10 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl stearate | 298 | C19H38O2 | 000112-61-8 | 98 |
| 2 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 89 |
| 3 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 72 |
| 4 | Heptadecanoic acid, methyl ester | 284 | C18H36O2 | 001731-92-6 | 72 |
| 5 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 68 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
Data File : BF106935.D
Acq On : 28 Jun 2018 21:50
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-062618-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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 |
| 2-Pentanone, 4-hy... | 5.18 | 3.9 | ng | 80312 | 1 | 6.95 | 411021 | 20.0 |
| Bacchotricuneatin c | 10.62 | 7.4 | ng | 164985 | 3 | 10.00 | 444694 | 20.0 |
| Undecane, 6-ethyl- | 10.89 | 16.7 | ng | 330891 | 4 | 11.48 | 397002 | 20.0 |
| Tridecane | 11.35 | 7.9 | ng | 156061 | 4 | 11.48 | 397002 | 20.0 |
| Hexadecane | 11.71 | 2.9 | ng | 57706 | 4 | 11.48 | 397002 | 20.0 |
| Hexadecanoic acid... | 11.85 | 12.2 | ng | 241158 | 4 | 11.48 | 397002 | 20.0 |
| 9,12-Octadecadien... | 12.54 | 45.3 | ng | 898635 | 4 | 11.48 | 397002 | 20.0 |
| 9-Octadecenoic ac... | 12.57 | 35.1 | ng | 696114 | 4 | 11.48 | 397002 | 20.0 |
| Methyl stearate | 12.65 | 7.7 | ng | 151943 | 4 | 11.48 | 397002 | 20.0 |