LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

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-BF071618.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 | 5.207 | 485 | 488 | 494 | rVB | 170859 | 176937 | 1.84% | 0.429% |
| 2 | 5.607 | 552 | 556 | 559 | rBV | 1573465 | 1335865 | 13.92% | 3.241% |
| 3 | 6.607 | 722 | 726 | 733 | rVB | 1505130 | 1433594 | 14.93% | 3.478% |
| 4 | 6.754 | 747 | 751 | 754 | rBV | 1855535 | 1477669 | 15.39% | 3.585% |
| 5 | 6.813 | 757 | 761 | 764 | rBV | 838552 | 691357 | 7.20% | 1.677% |
| 6 | 6.983 | 787 | 790 | 794 | rVB | 1210783 | 1051188 | 10.95% | 2.550% |
| 7 | 7.142 | 813 | 817 | 820 | rBV | 1397768 | 1140280 | 11.88% | 2.766% |
| 8 | 7.542 | 882 | 885 | 889 | rBV | 1008782 | 880773 | 9.17% | 2.137% |
| 9 | 8.272 | 1005 | 1009 | 1012 | rBV | 1568054 | 1349861 | 14.06% | 3.275% |
| 10 | 9.342 | 1187 | 1191 | 1194 | rBV | 2044121 | 1606150 | 16.73% | 3.896% |
| 11 | 9.730 | 1254 | 1257 | 1263 | rVB | 374630 | 333924 | 3.48% | 0.810% |
| 12 | 10.030 | 1302 | 1308 | 1311 | rBV | 1694958 | 1497763 | 15.60% | 3.634% |
| 13 | 10.442 | 1373 | 1378 | 1381 | rBV5 | 93965 | 110014 | 1.15% | 0.267% |
| 14 | 10.819 | 1438 | 1442 | 1446 | rBV | 1121668 | 1018368 | 10.61% | 2.471% |
| 15 | 10.919 | 1457 | 1459 | 1464 | rBV4 | 123187 | 181274 | 1.89% | 0.440% |
| 16 | 11.366 | 1533 | 1535 | 1538 | rBV | 149020 | 147089 | 1.53% | 0.357% |
| 17 | 11.524 | 1558 | 1562 | 1565 | rBV | 1601395 | 1468019 | 15.29% | 3.561% |
| 18 | 11.548 | 1565 | 1566 | 1570 | rVB | 315571 | 185374 | 1.93% | 0.450% |
| 19 | 11.795 | 1606 | 1608 | 1611 | rBV | 153091 | 113291 | 1.18% | 0.275% |
| 20 | 11.901 | 1622 | 1626 | 1629 | rBV | 3234794 | 2469555 | 25.73% | 5.991% |
| 21 | 12.024 | 1645 | 1647 | 1649 | rBV | 136898 | 122379 | 1.27% | 0.297% |
| 22 | 12.054 | 1650 | 1652 | 1655 | rVB | 148218 | 105944 | 1.10% | 0.257% |
| 23 | 12.136 | 1663 | 1666 | 1669 | rBV4 | 102478 | 110825 | 1.15% | 0.269% |
| 24 | 12.201 | 1675 | 1677 | 1680 | rBV | 119716 | 126282 | 1.32% | 0.306% |
| 25 | 12.595 | 1739 | 1744 | 1745 | rBV | 5227486 | 5112317 | 53.25% | 12.402% |
| 26 | 12.618 | 1745 | 1748 | 1754 | rVV | 8143216 | 9599811 | 100.00% | 23.289% |
| 27 | 12.695 | 1757 | 1761 | 1764 | rVV | 2131307 | 1713839 | 17.85% | 4.158% |
| 28 | 12.742 | 1766 | 1769 | 1772 | rBV | 428458 | 351095 | 3.66% | 0.852% |
| 29 | 12.930 | 1799 | 1801 | 1805 | rBV5 | 116677 | 105422 | 1.10% | 0.256% |
| 30 | 12.971 | 1805 | 1808 | 1815 | rVB | 417028 | 491331 | 5.12% | 1.192% |
| 31 | 13.107 | 1828 | 1831 | 1835 | rBV | 1416754 | 1304799 | 13.59% | 3.165% |
| 32 | 13.342 | 1869 | 1871 | 1874 | rVV3 | 243725 | 213939 | 2.23% | 0.519% |
| 33 | 13.418 | 1881 | 1884 | 1886 | rBV3 | 207525 | 197179 | 2.05% | 0.478% |
| 34 | 13.530 | 1901 | 1903 | 1905 | rBV2 | 145919 | 103575 | 1.08% | 0.251% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

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-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.854 | 1954 | 1958 | 1962 | rVB4 | 381125 | 541700 | 5.64% | 1.314% |
| 36 | 14.089 | 1996 | 1998 | 2004 | rBV4 | 199502 | 200677 | 2.09% | 0.487% |
| 37 | 14.177 | 2008 | 2013 | 2015 | rBV2 | 1265889 | 1335457 | 13.91% | 3.240% |
| 38 | 15.718 | 2271 | 2275 | 2279 | rVB | 644018 | 815713 | 8.50% | 1.979% |

Sum of corrected areas: 41220629

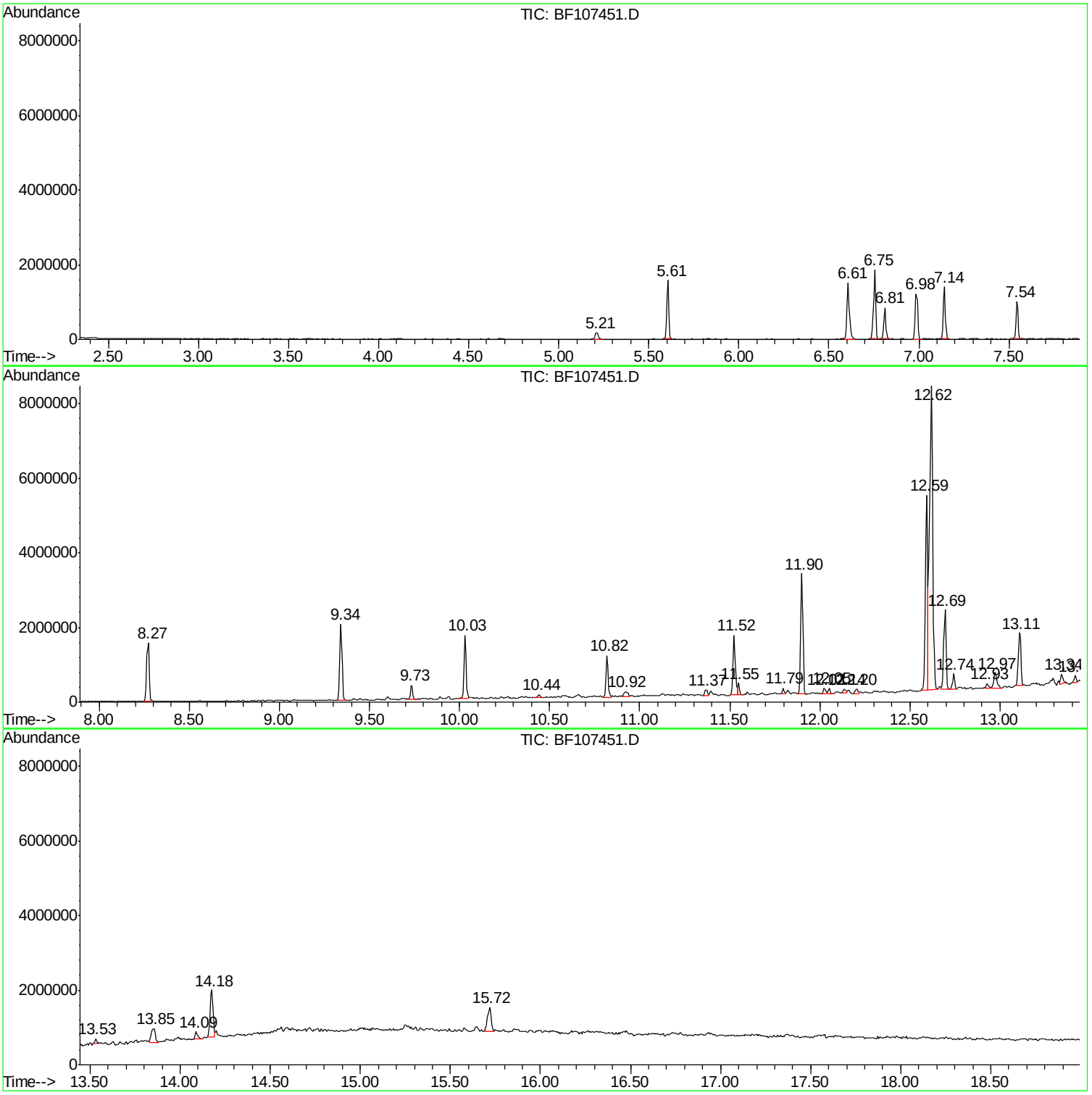
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

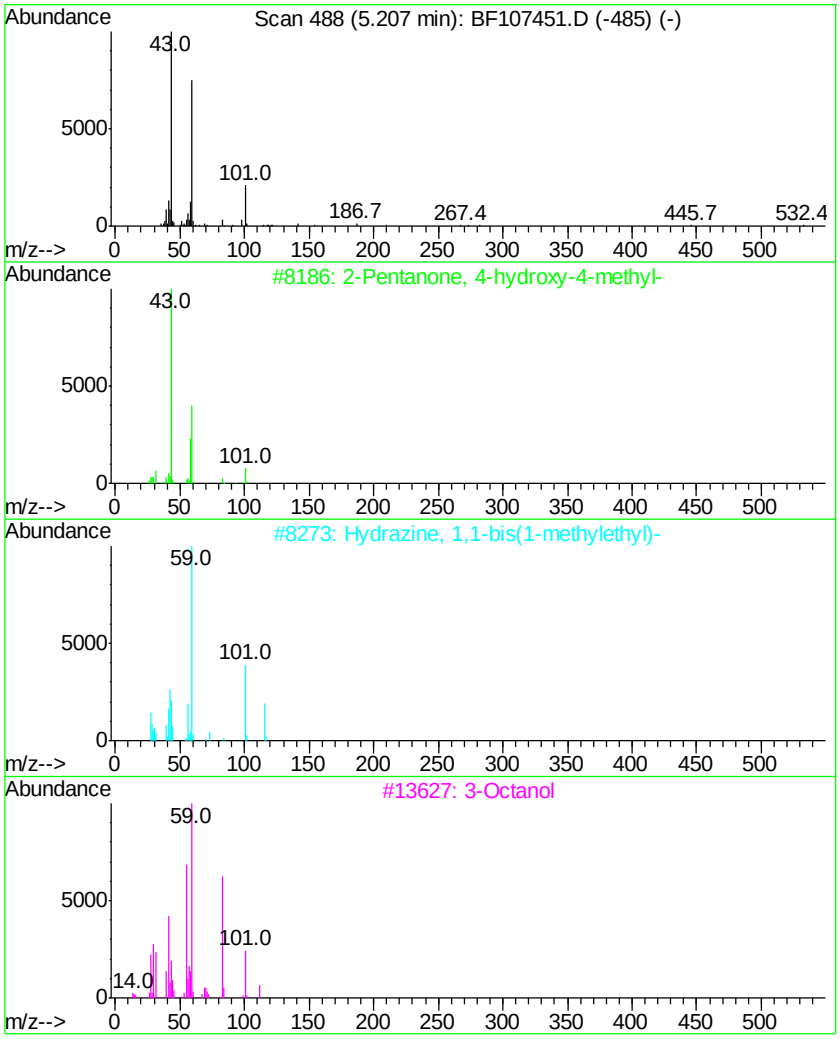
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

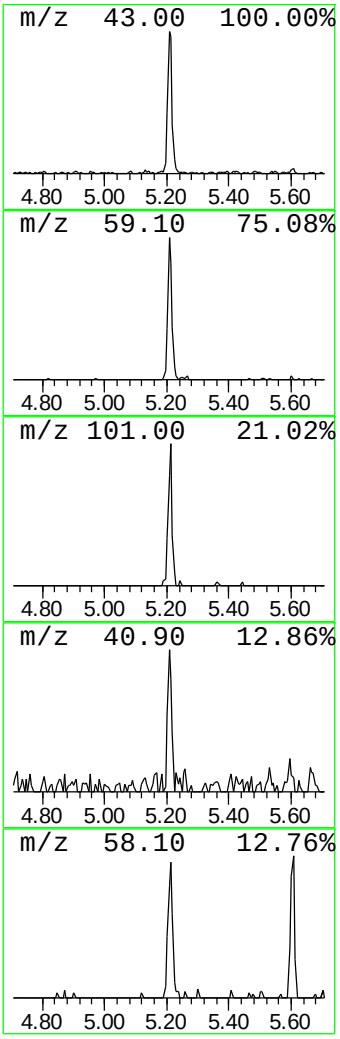
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.21 | 3.37 ng | 176937 | 1,4-Dichlorobenzene-d4 | 6.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2 | 000921-14-2 | 42 |
| 3 | 3-Octanol | 130 | C8H18O | 000589-98-0 | 38 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 36 |
| 5 | 2,2,3,3,5,8,11-Heptamethyl-4,7,1... | 348 | C18H40O4Si | 1000367-07-2 | 33 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

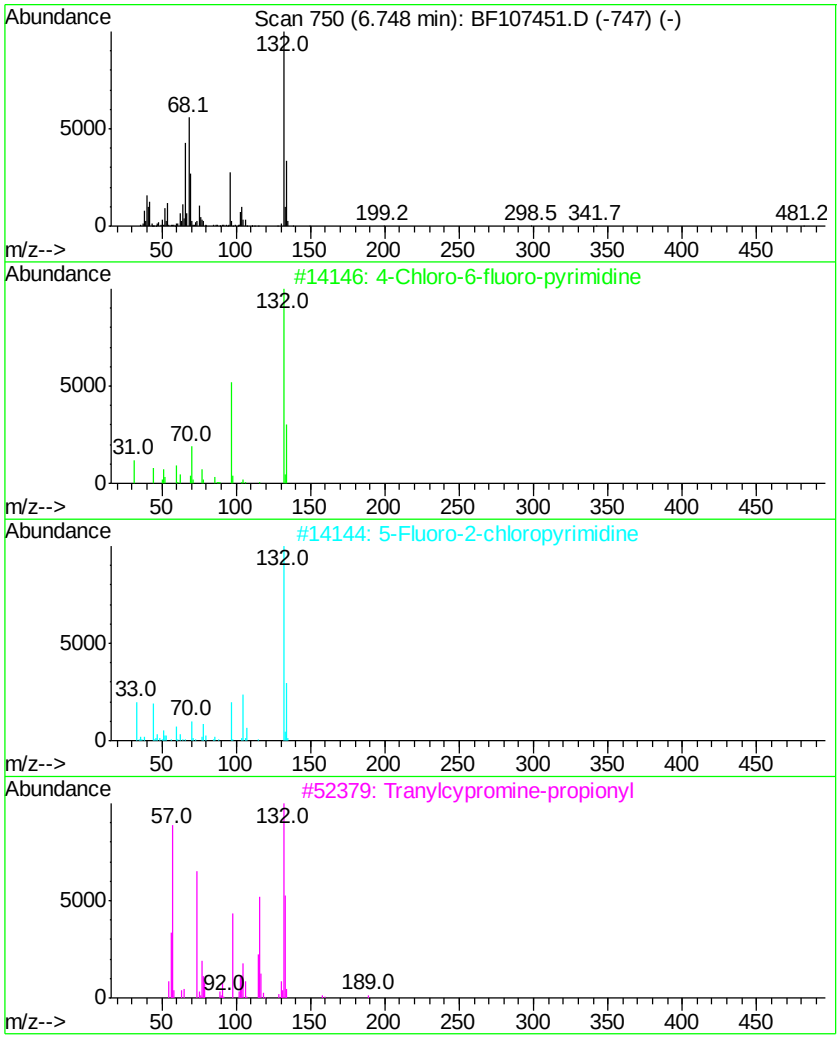
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

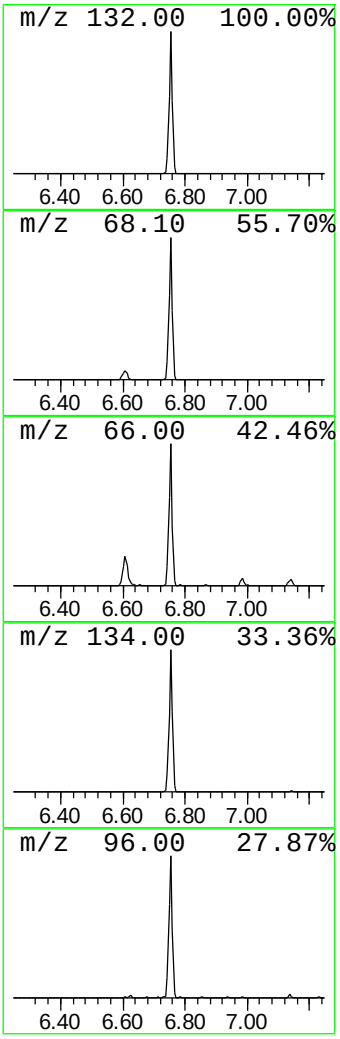
**********

Peak Number 2 unknown6.75 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.75 | 28.11 ng | 1477670 | 1,4-Dichlorobenzene-d4 | 6.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 27 |
| 2 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 27 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 22 |
| 4 | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2 | 014203-19-1 | 17 |
| 5 | Cyclopropanamine, 1-phenyl- | 133 | C9H11N | 1000351-26-2 | 12 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

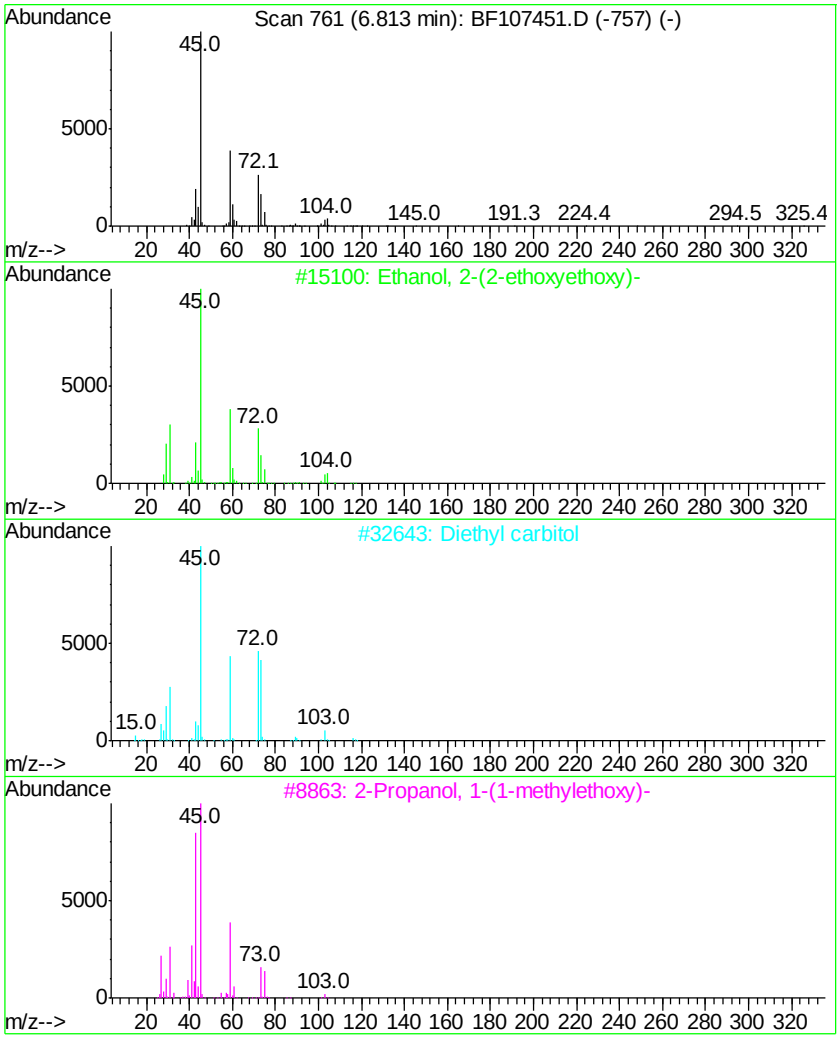
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

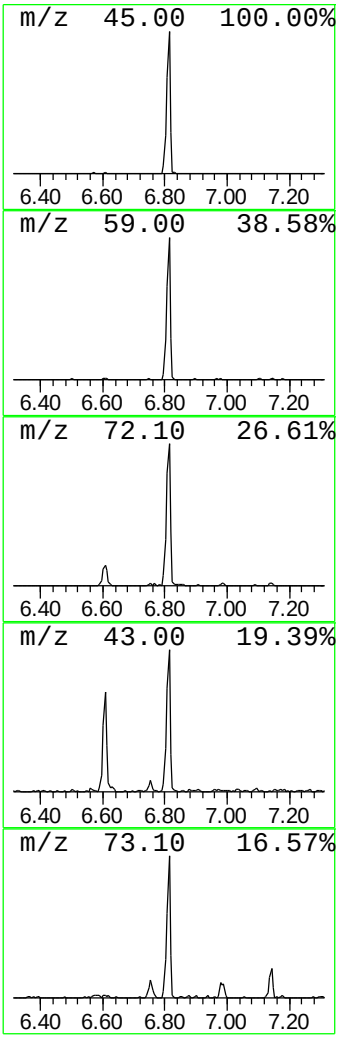
**********

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.81 | 13.15 ng | 691357 | 1,4-Dichlorobenzene-d4 | 6.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 86 |
| 2 | Diethyl carbitol | 162 | C8H18O3 | 000112-36-7 | 78 |
| 3 | 2-Propanol, 1-(1-methylethoxy)- | 118 | C6H14O2 | 003944-36-3 | 64 |
| 4 | Ethanol, 2-[2-(2-ethoxyethoxy)et... | 178 | C8H18O4 | 000112-50-5 | 45 |
| 5 | .beta.-Methoxyethoxymethyl chloride | 124 | C4H9ClO2 | 003970-21-6 | 38 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

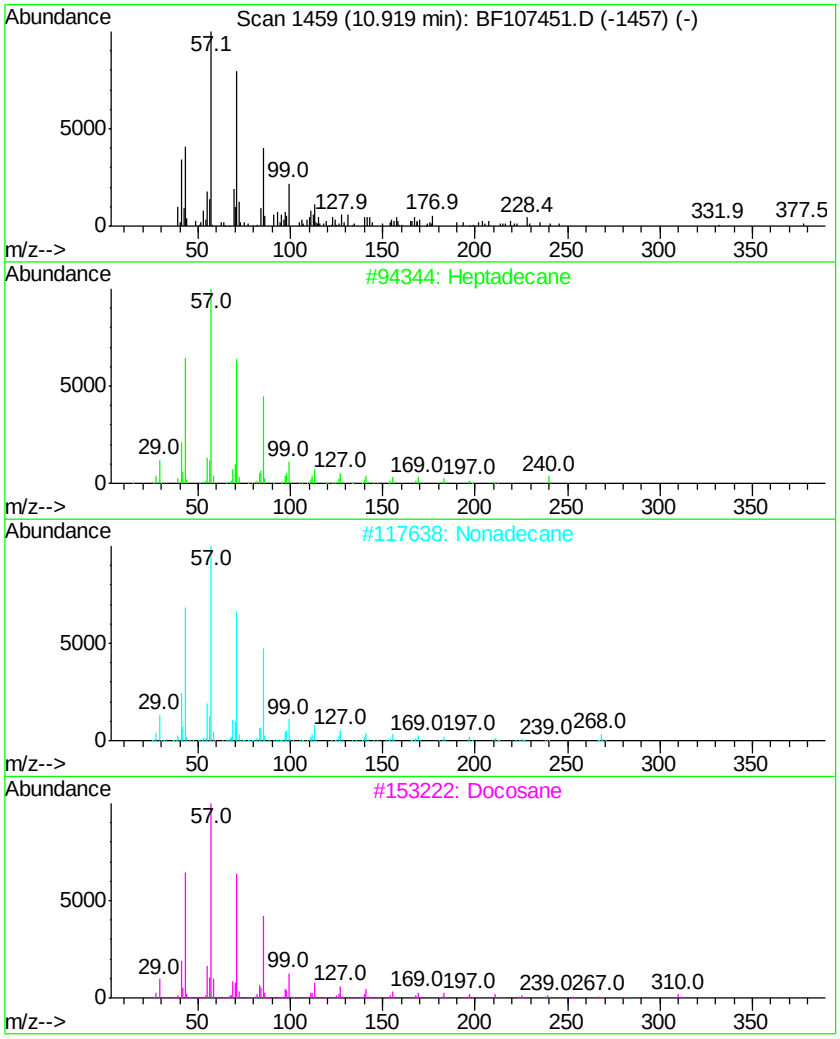
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

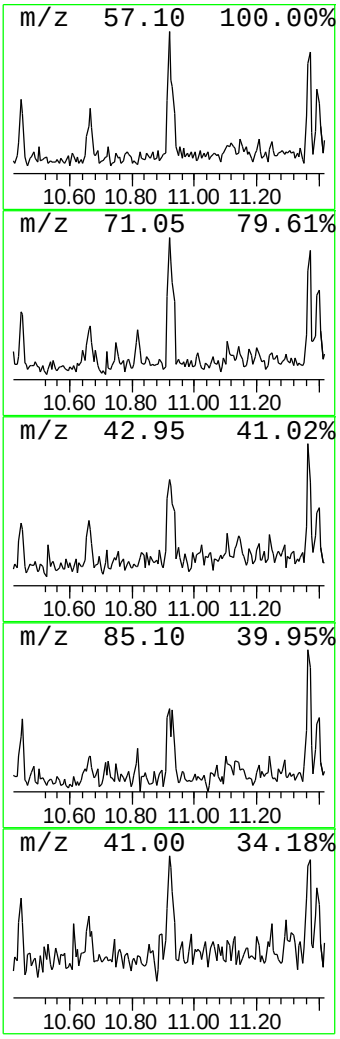
**********

Peak Number 5 Heptadecane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.92 | 2.47 ng | 181274 | Phenanthrene-d10 | 11.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 80 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 80 |
| 3 | Docosane | 310 | C22H46 | 000629-97-0 | 72 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 72 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

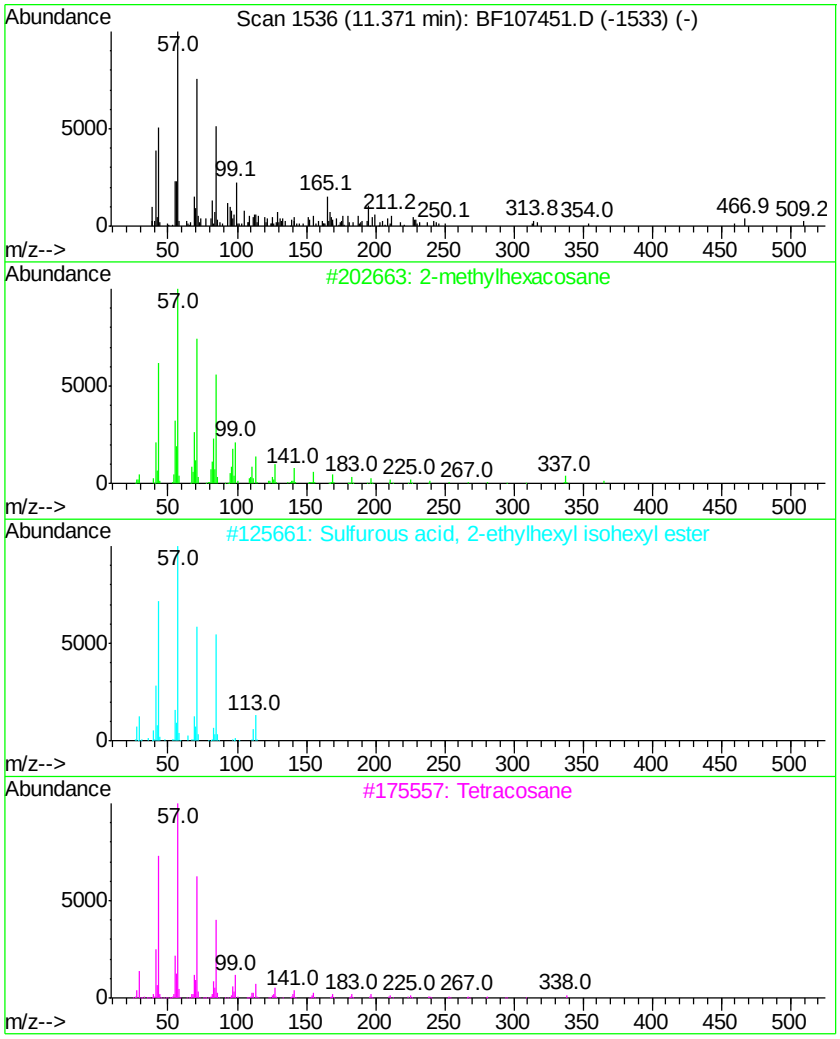
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

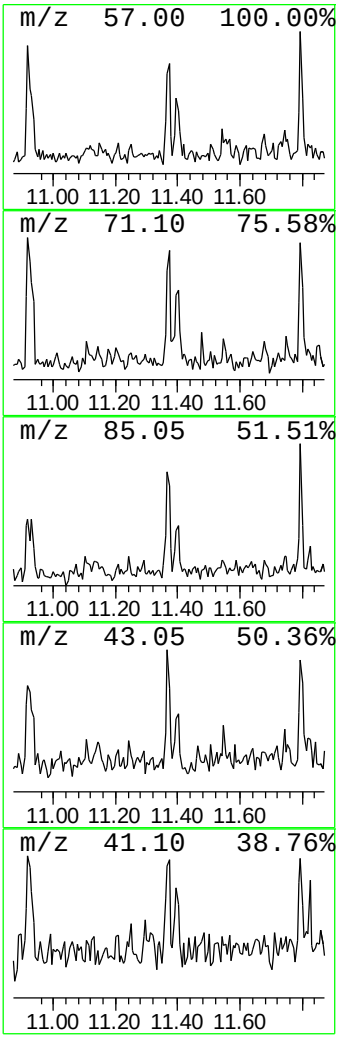
**********

Peak Number 6 2-methylhexacosane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.37 | 2.00 ng | 147089 | Phenanthrene-d10 | 11.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-methylhexacosane | 380 | C27H56 | 1000376-72-7 | 53 |
| 2 | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 49 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 49 |
| 4 | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 47 |
| 5 | Decane, 2,3,7-trimethyl- | 184 | C13H28 | 062238-13-5 | 43 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

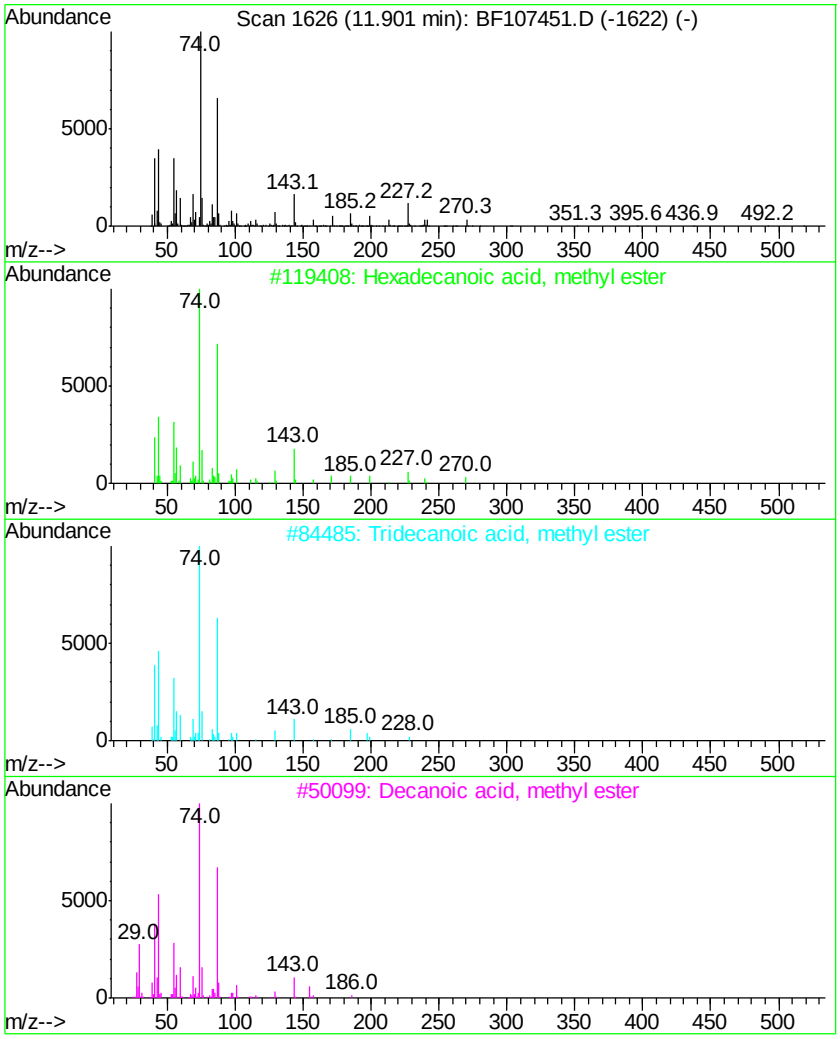
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

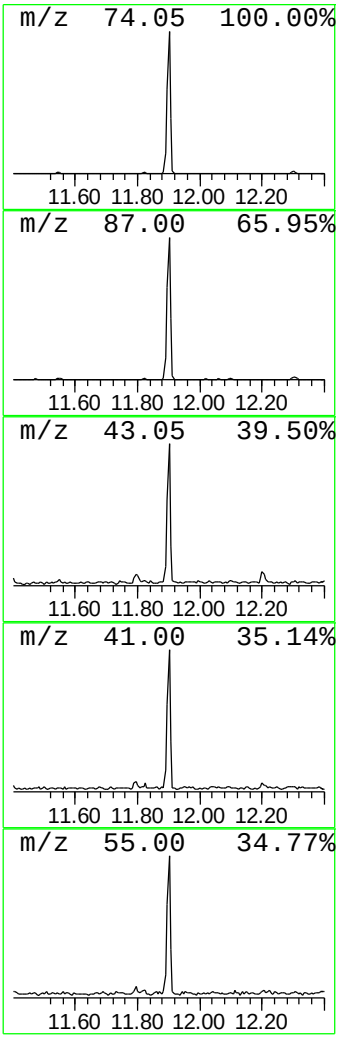
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.90 | 33.64 ng | 2469560 | Phenanthrene-d10 | 11.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 98 |
| 2 | Tridecanoic acid, methyl ester | 228 | C14H28O2 | 001731-88-0 | 94 |
| 3 | Decanoic acid, methyl ester | 186 | C11H22O2 | 000110-42-9 | 93 |
| 4 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 91 |
| 5 | Hexadecanoic acid, 2-methyl- | 270 | C17H34O2 | 027147-71-3 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

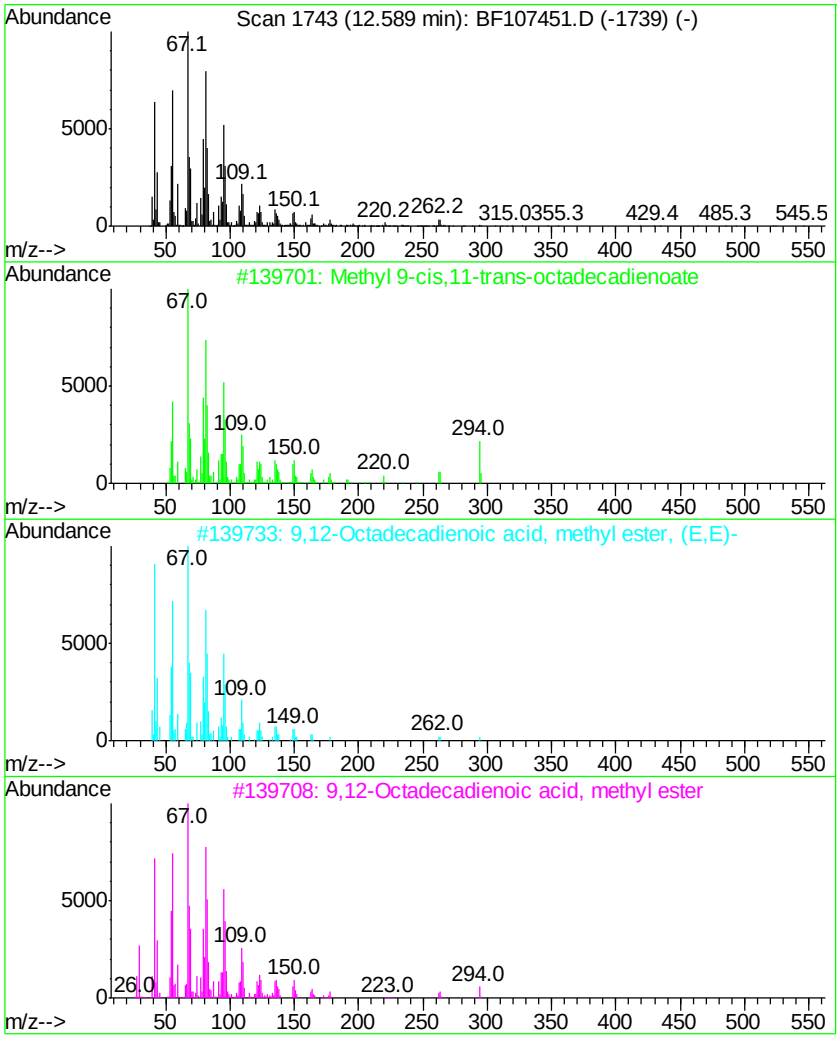
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

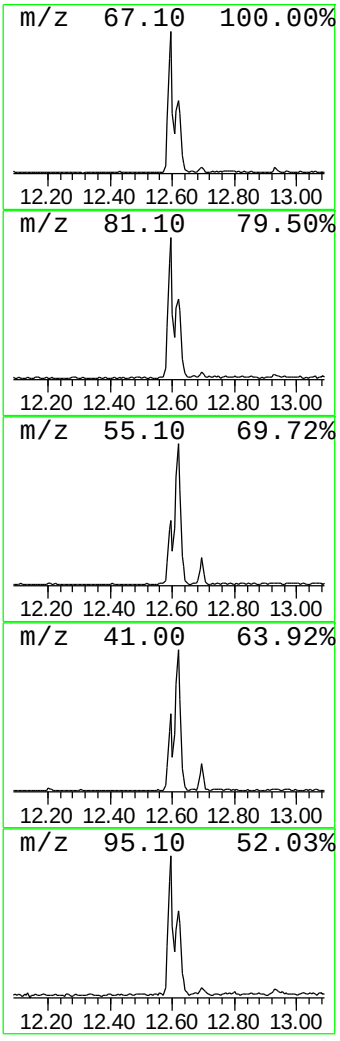
**********

Peak Number 8 Methyl 9-cis,11-trans-octad... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.59 | 69.65 ng | 5112320 | Phenanthrene-d10 | 11.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 1000336-44-0 | 99 |
| 2 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 98 |
| 3 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 98 |
| 4 | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 98 |
| 5 | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2 | 056554-62-2 | 98 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

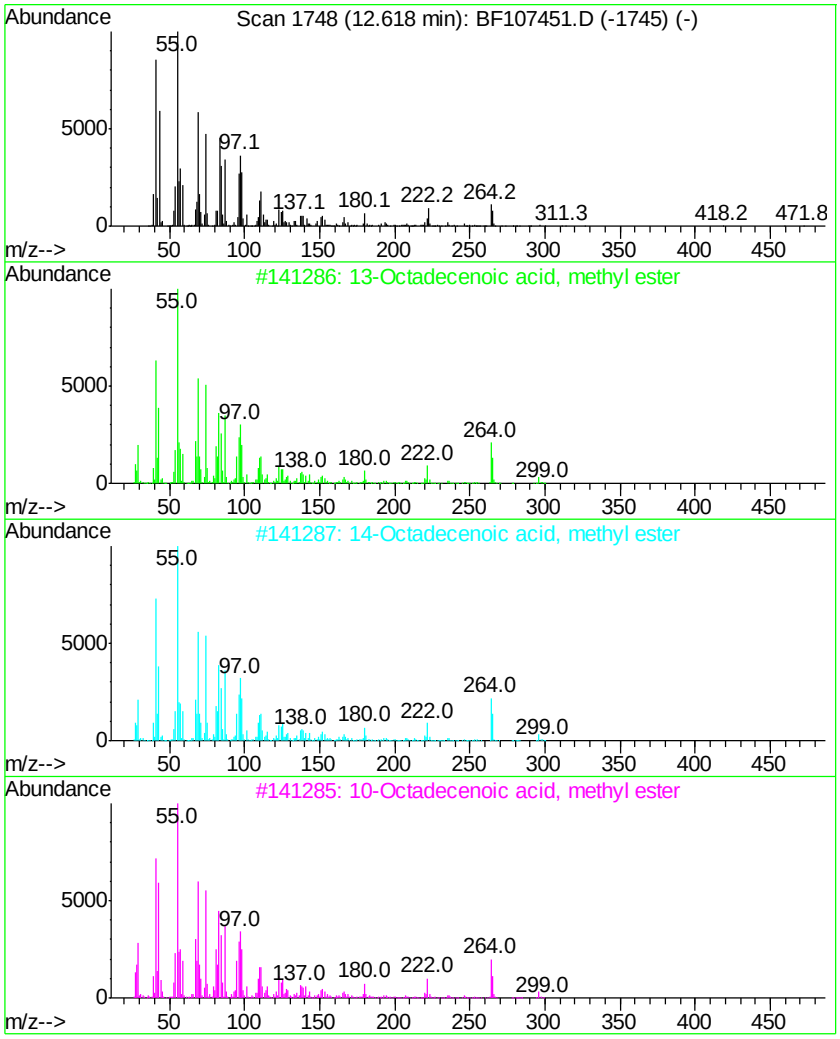
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

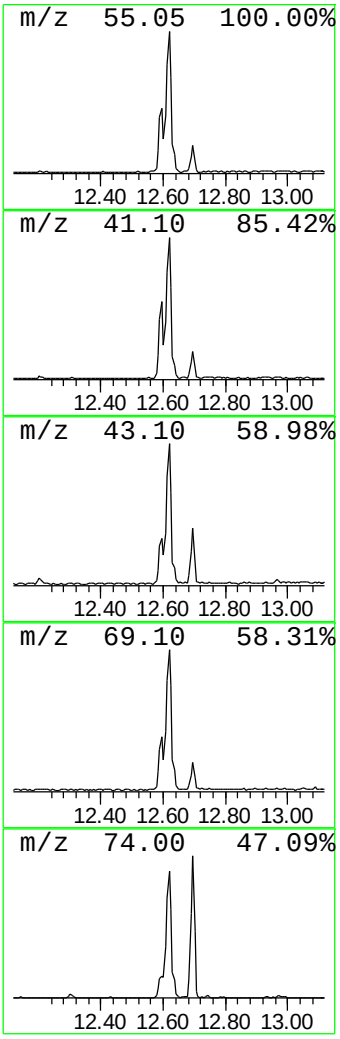
**********

Peak Number 9 13-Octadecenoic acid, methy... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.62 | 130.79 ng | 9599810 | Phenanthrene-d10 | 11.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-47-3 | 94 |
| 2 | 14-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-48-4 | 93 |
| 3 | 10-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 013481-95-3 | 91 |
| 4 | 11-Octadecenoic acid, methyl est... | 296 | C19H36O2 | 001937-63-9 | 91 |
| 5 | 12-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-46-2 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

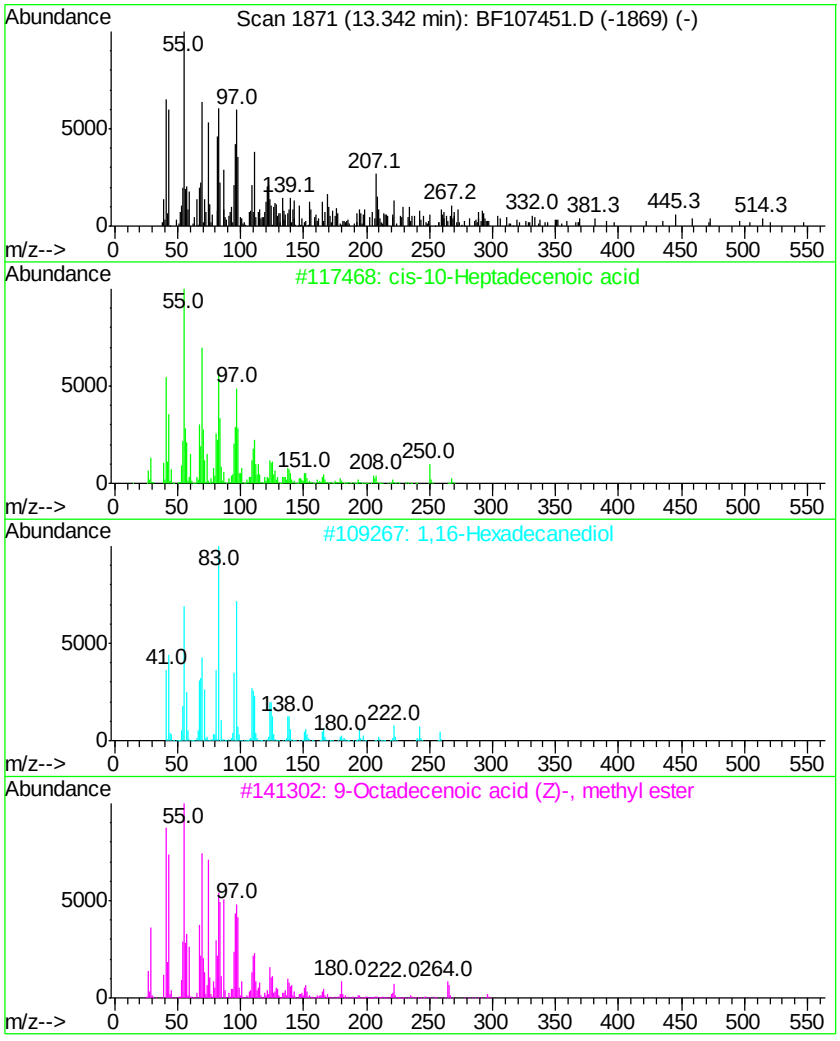
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

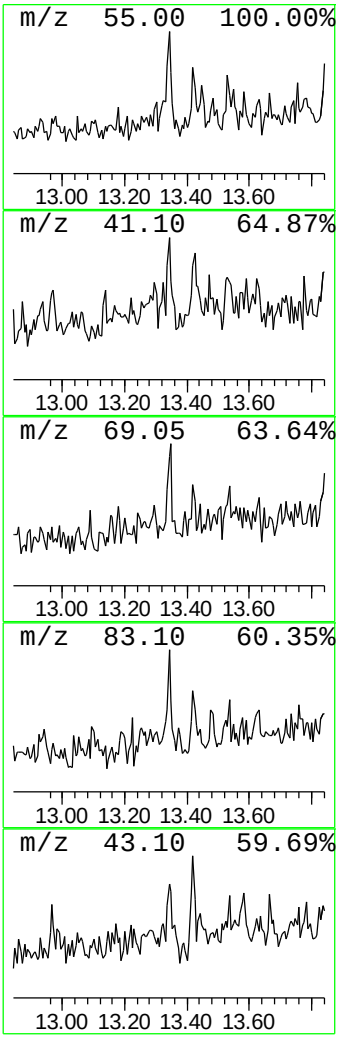
**********

Peak Number 10 cis-10-Heptadecenoic acid Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.34 | 3.20 ng | 213939 | Chrysene-d12 | 14.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-10-Heptadecenoic acid | 268 | C17H32O2 | 029743-97-3 | 55 |
| 2 | 1,16-Hexadecanediol | 258 | C16H34O2 | 007735-42-4 | 53 |
| 3 | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 49 |
| 4 | 3-Methylenecyclopropane-trans-1,... | 142 | C6H6O4 | 000499-02-5 | 46 |
| 5 | Cyclopropanedecanoic acid, 2-oct... | 338 | C22H42O2 | 010152-64-4 | 46 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

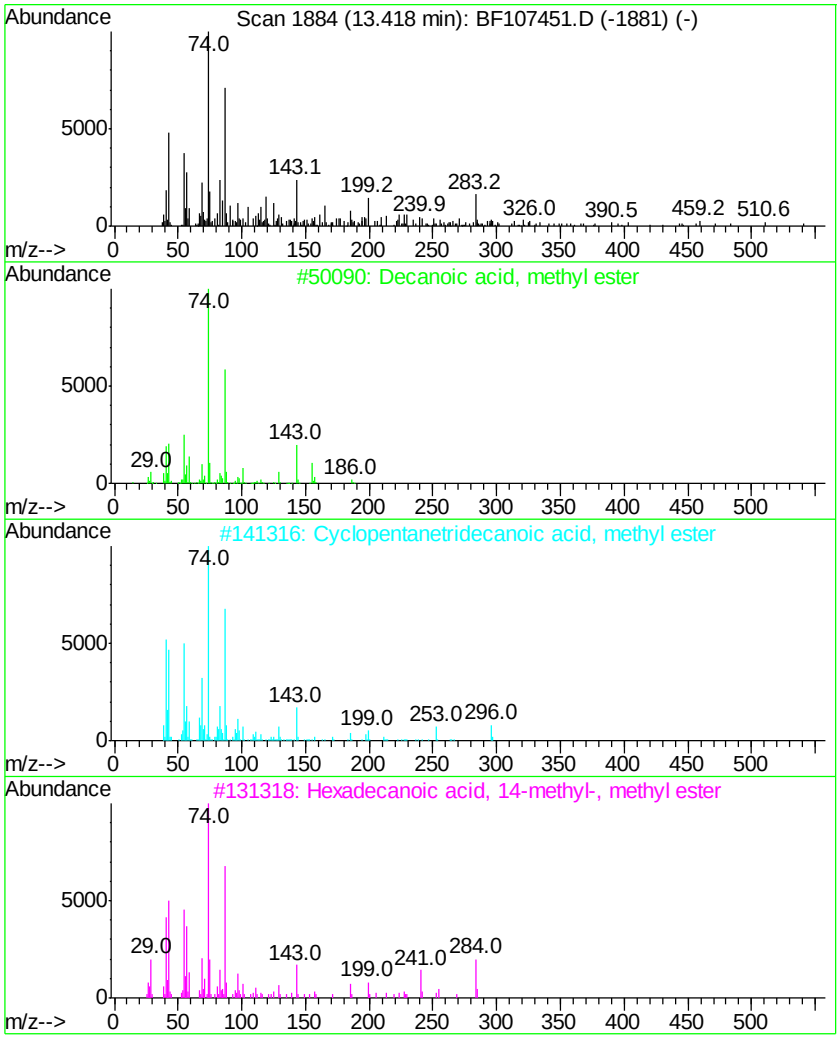
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

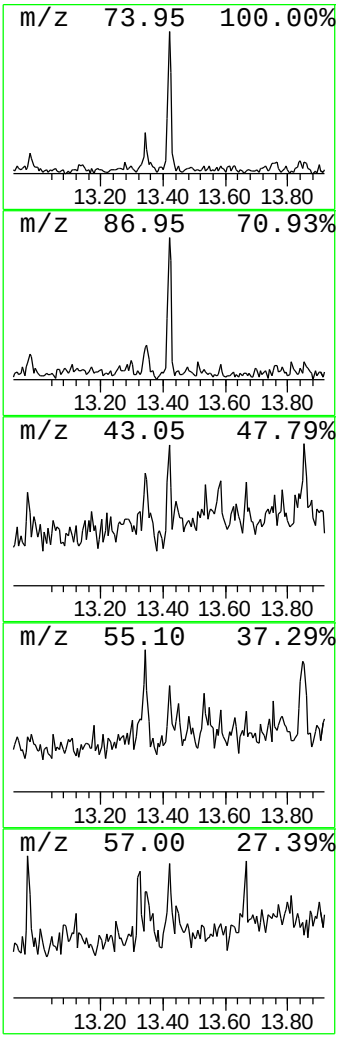
**********

Peak Number 11 Decanoic acid, methyl ester Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.42 | 2.95 ng | 197179 | Chrysene-d12 | 14.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decanoic acid, methyl ester | 186 | C11H22O2 | 000110-42-9 | 83 |
| 2 | Cyclopentanetridecanoic acid, me... | 296 | C19H36O2 | 024828-61-3 | 80 |
| 3 | Hexadecanoic acid, 14-methyl-, m... | 284 | C18H36O2 | 002490-49-5 | 74 |
| 4 | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 72 |
| 5 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

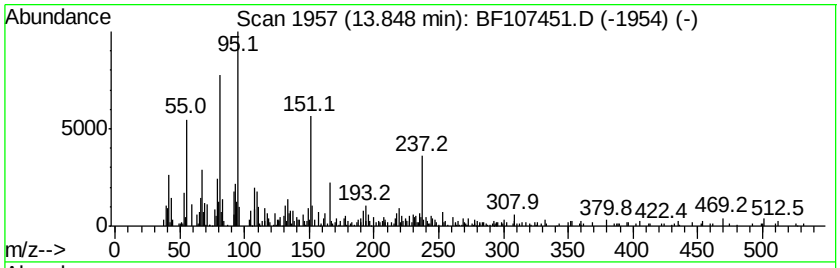
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

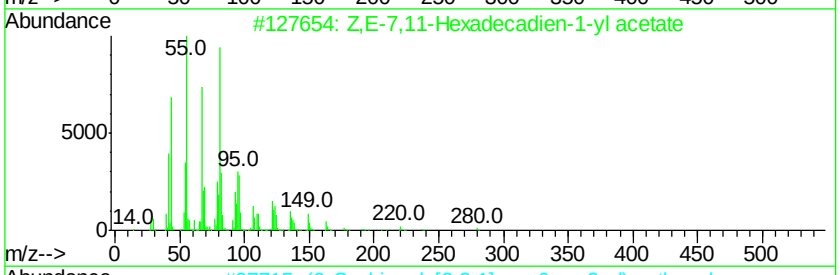
**********

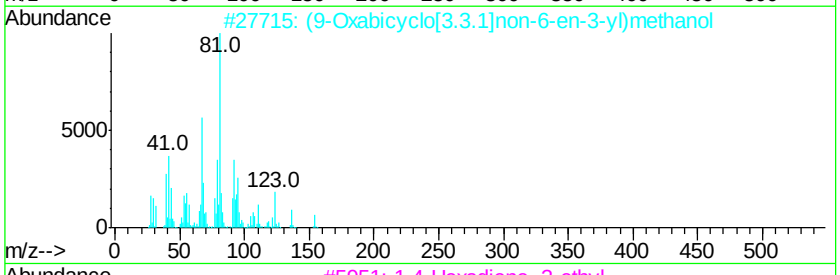
Peak Number 12 unknown13.85 Concentration Rank 7

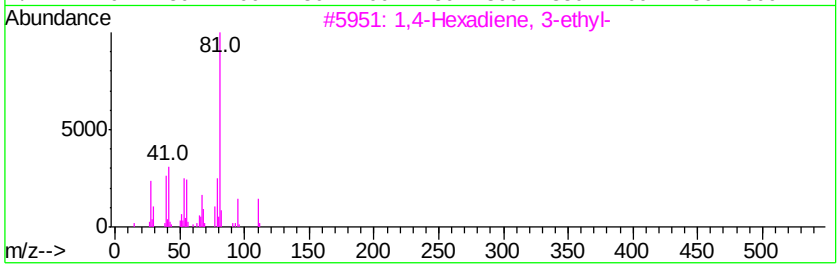
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.85 | 8.11 ng | 541700 | Chrysene-d12 | 14.18 |

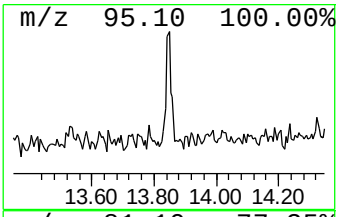
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Z,E-7,11-Hexadecadien-1-yl acetate | 280 | C18H32O2 | 051607-94-4 | 27 |
| 2 | (9-Oxabicyclo[3.3.1]non-6-en-3-y... | 154 | C9H14O2 | 1000191-02-8 | 22 |
| 3 | 1,4-Hexadiene, 3-ethyl- | 110 | C8H14 | 002080-89-9 | 18 |
| 4 | Cyclopentanecarboxylic acid, 2-p... | 210 | C13H22O2 | 1000154-24-8 | 15 |
| 5 | Bicyclo[2.2.1]heptan-2-one, 1-(b... | 230 | C10H15BrO | 064161-50-8 | 14 |

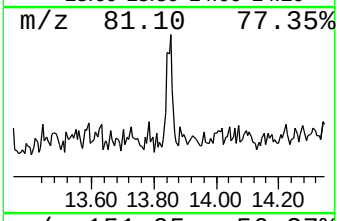


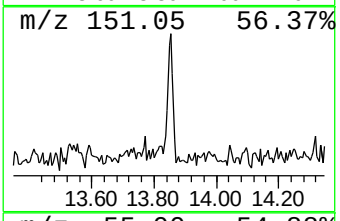



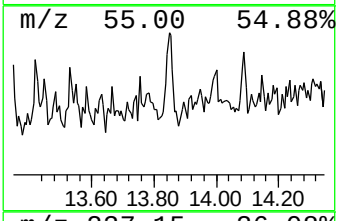



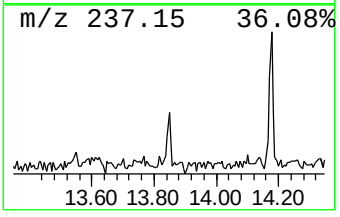



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

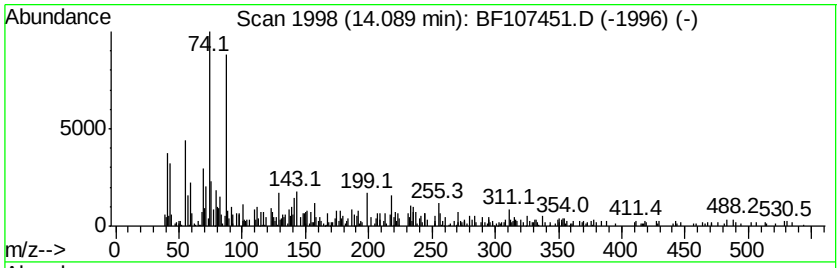
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

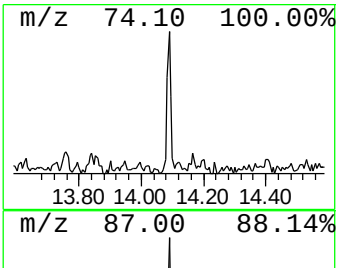
**********

Peak Number 13 Tetradecanoic acid, 12-meth... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.09 | 3.01 ng | 200677 | Chrysene-d12 | 14.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecanoic acid, 12-methyl-, ... | 256 | C16H32O2 | 005129-66-8 | 87 |
| 2 | Nonadecanoic acid, methyl ester | 312 | C20H40O2 | 001731-94-8 | 87 |
| 3 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 87 |
| 4 | Methyl 9-methyltetradecanoate | 256 | C16H32O2 | 213617-69-7 | 83 |
| 5 | Octadecanoic acid, 10-methyl-, m... | 312 | C20H40O2 | 002490-19-9 | 83 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-071618

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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... | 5.21 | 3.4 | ng | 176937 | 1 | 6.98 | 1051190 | 20.0 |
| unknown6.75 | 6.75 | 28.1 | ng | 1477670 | 1 | 6.98 | 1051190 | 20.0 |
| Ethanol, 2-(2-eth... | 6.81 | 13.2 | ng | 691357 | 1 | 6.98 | 1051190 | 20.0 |
| Heptadecane | 10.92 | 2.5 | ng | 181274 | 4 | 11.52 | 1468020 | 20.0 |
| 2-methylhexacosane | 11.37 | 2.0 | ng | 147089 | 4 | 11.52 | 1468020 | 20.0 |
| Hexadecanoic acid... | 11.90 | 33.6 | ng | 2469560 | 4 | 11.52 | 1468020 | 20.0 |
| Methyl 9-cis,11-t... | 12.59 | 69.7 | ng | 5112320 | 4 | 11.52 | 1468020 | 20.0 |
| 13-Octadecenoic a... | 12.62 | 130.8 | ng | 9599810 | 4 | 11.52 | 1468020 | 20.0 |
| cis-10-Heptadecen... | 13.34 | 3.2 | ng | 213939 | 5 | 14.18 | 1335460 | 20.0 |
| Decanoic acid, me... | 13.42 | 3.0 | ng | 197179 | 5 | 14.18 | 1335460 | 20.0 |
| unknown13.85 | 13.85 | 8.1 | ng | 541700 | 5 | 14.18 | 1335460 | 20.0 |
| Tetradecanoic aci... | 14.09 | 3.0 | ng | 200677 | 5 | 14.18 | 1335460 | 20.0 |