LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

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-BF083018.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 | 5.237 | 489 | 493 | 500 | rBV | 23435 | 32872 | 2.42% | 0.195% |
| 2 | 5.643 | 558 | 562 | 580 | rBV | 159423 | 598597 | 44.13% | 3.558% |
| 3 | 6.643 | 728 | 732 | 751 | rBV | 264284 | 888070 | 65.47% | 5.279% |
| 4 | 6.772 | 751 | 754 | 786 | rVV | 614129 | 1356390 | 100.00% | 8.062% |
| 5 | 7.001 | 789 | 793 | 813 | rVV | 189038 | 470522 | 34.69% | 2.797% |
| 6 | 7.154 | 815 | 819 | 842 | rVV | 580464 | 880533 | 64.92% | 5.234% |
| 7 | 7.566 | 886 | 889 | 916 | rBV | 235596 | 709786 | 52.33% | 4.219% |
| 8 | 8.284 | 1007 | 1011 | 1036 | rBV | 299409 | 560843 | 41.35% | 3.334% |
| 9 | 9.354 | 1189 | 1193 | 1223 | rBV | 920383 | 1298878 | 95.76% | 7.720% |
| 10 | 9.742 | 1256 | 1259 | 1273 | rBV | 274289 | 335682 | 24.75% | 1.995% |
| 11 | 10.042 | 1306 | 1310 | 1327 | rBV | 440895 | 564310 | 41.60% | 3.354% |
| 12 | 10.442 | 1376 | 1378 | 1382 | rVB | 15970 | 14956 | 1.10% | 0.089% |
| 13 | 10.836 | 1442 | 1445 | 1457 | rBV | 424086 | 678210 | 50.00% | 4.031% |
| 14 | 10.913 | 1457 | 1458 | 1463 | rVB4 | 16753 | 22677 | 1.67% | 0.135% |
| 15 | 11.366 | 1529 | 1535 | 1538 | rBV4 | 24212 | 40017 | 2.95% | 0.238% |
| 16 | 11.460 | 1545 | 1551 | 1555 | rBV4 | 17472 | 38410 | 2.83% | 0.228% |
| 17 | 11.542 | 1561 | 1565 | 1567 | rBV | 411024 | 503071 | 37.09% | 2.990% |
| 18 | 11.566 | 1567 | 1569 | 1577 | rVB | 331699 | 402132 | 29.65% | 2.390% |
| 19 | 11.795 | 1604 | 1608 | 1619 | rBV3 | 18619 | 38953 | 2.87% | 0.232% |
| 20 | 12.007 | 1641 | 1644 | 1647 | rBV4 | 10556 | 16814 | 1.24% | 0.100% |
| 21 | 12.042 | 1647 | 1650 | 1653 | rVV2 | 85450 | 97733 | 7.21% | 0.581% |
| 22 | 12.072 | 1653 | 1655 | 1659 | rVB | 28704 | 36024 | 2.66% | 0.214% |
| 23 | 12.154 | 1666 | 1669 | 1672 | rBV2 | 26636 | 34734 | 2.56% | 0.206% |
| 24 | 12.342 | 1698 | 1701 | 1703 | rBV2 | 16367 | 19700 | 1.45% | 0.117% |
| 25 | 12.372 | 1703 | 1706 | 1718 | rVB2 | 52890 | 90752 | 6.69% | 0.539% |
| 26 | 12.589 | 1741 | 1743 | 1746 | rVB3 | 20395 | 18490 | 1.36% | 0.110% |
| 27 | 12.760 | 1768 | 1772 | 1783 | rBV | 427375 | 569606 | 41.99% | 3.386% |
| 28 | 12.913 | 1796 | 1798 | 1801 | rBV2 | 17514 | 16624 | 1.23% | 0.099% |
| 29 | 12.989 | 1808 | 1811 | 1829 | rVB | 298684 | 466987 | 34.43% | 2.776% |
| 30 | 13.119 | 1829 | 1833 | 1843 | rBV | 1160163 | 1260900 | 92.96% | 7.495% |
| 31 | 13.319 | 1865 | 1867 | 1871 | rBV3 | 39985 | 38933 | 2.87% | 0.231% |
| 32 | 13.548 | 1904 | 1906 | 1909 | rBV | 36274 | 34902 | 2.57% | 0.207% |
| 33 | 13.995 | 1979 | 1982 | 1983 | rBV2 | 61359 | 49269 | 3.63% | 0.293% |
| 34 | 14.019 | 1984 | 1986 | 1990 | rBV3 | 64802 | 97678 | 7.20% | 0.581% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

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-BF083018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 14.130 | 2003 | 2005 | 2009 | rBV | 104325 | 95698 | 7.06% | 0.569% |
| 36 | 14.195 | 2011 | 2016 | 2019 | rBV2 | 561640 | 739738 | 54.54% | 4.397% |
| 37 | 14.613 | 2085 | 2087 | 2092 | rVB | 130954 | 138533 | 10.21% | 0.823% |
| 38 | 14.660 | 2093 | 2095 | 2101 | rVB4 | 92137 | 129301 | 9.53% | 0.769% |
| 39 | 14.871 | 2128 | 2131 | 2139 | rBV3 | 69819 | 132120 | 9.74% | 0.785% |
| 40 | 15.101 | 2167 | 2170 | 2177 | rVB2 | 185921 | 218606 | 16.12% | 1.299% |
| 41 | 15.301 | 2198 | 2204 | 2211 | rVB2 | 538609 | 815100 | 60.09% | 4.845% |
| 42 | 15.371 | 2213 | 2216 | 2233 | rVB9 | 103454 | 264967 | 19.53% | 1.575% |
| 43 | 15.707 | 2267 | 2273 | 2277 | rBV3 | 92050 | 199177 | 14.68% | 1.184% |
| 44 | 15.754 | 2277 | 2281 | 2295 | rVB | 234839 | 463079 | 34.14% | 2.752% |
| 45 | 15.930 | 2308 | 2311 | 2321 | rVB | 225948 | 368131 | 27.14% | 2.188% |
| 46 | 16.177 | 2348 | 2353 | 2362 | rVB | 321373 | 524545 | 38.67% | 3.118% |
| 47 | 17.048 | 2498 | 2501 | 2510 | rVB2 | 117439 | 217394 | 16.03% | 1.292% |
| 48 | 17.371 | 2553 | 2556 | 2567 | rVB4 | 107333 | 233504 | 17.22% | 1.388% |

Sum of corrected areas: 16823948

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
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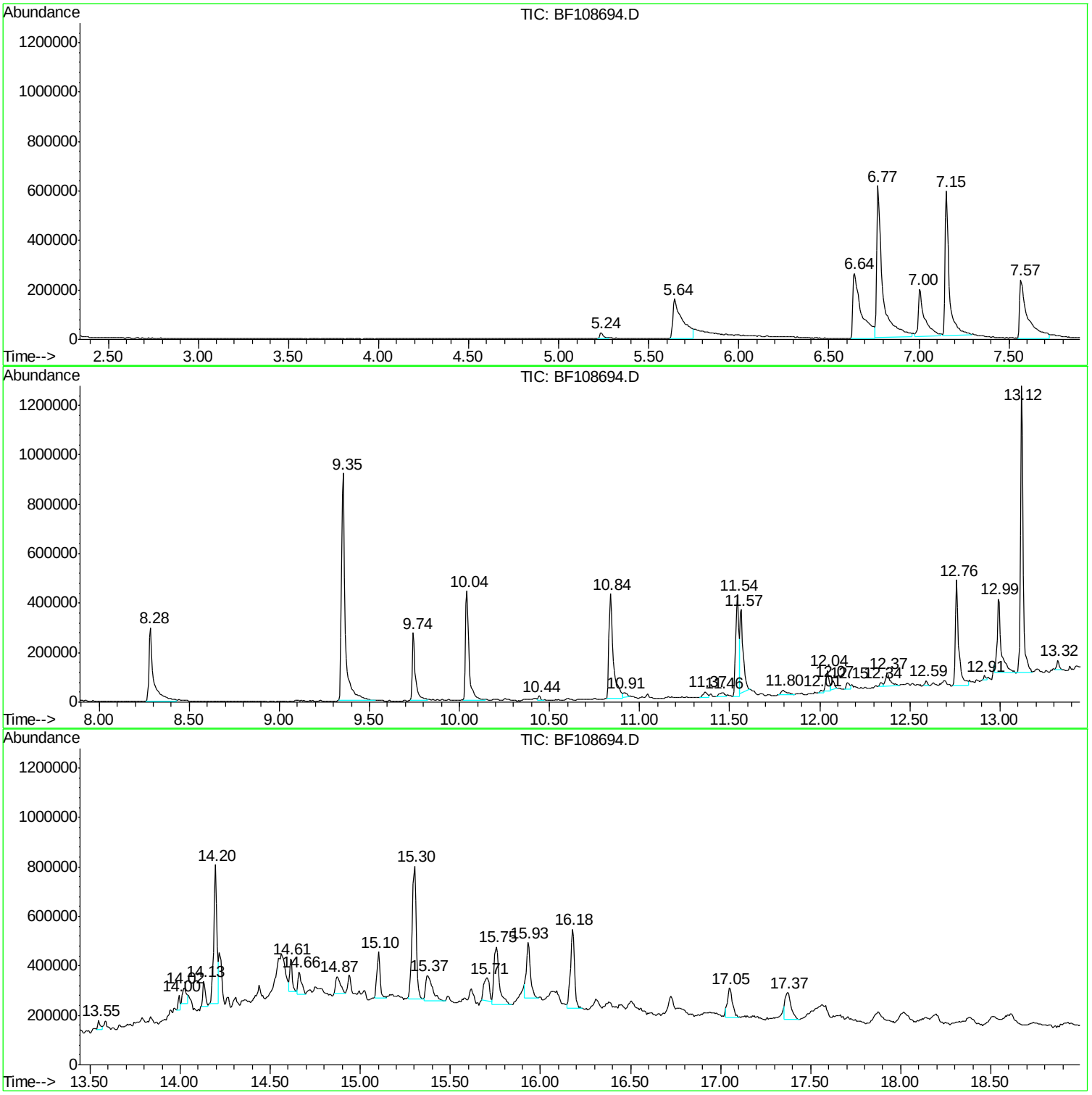
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

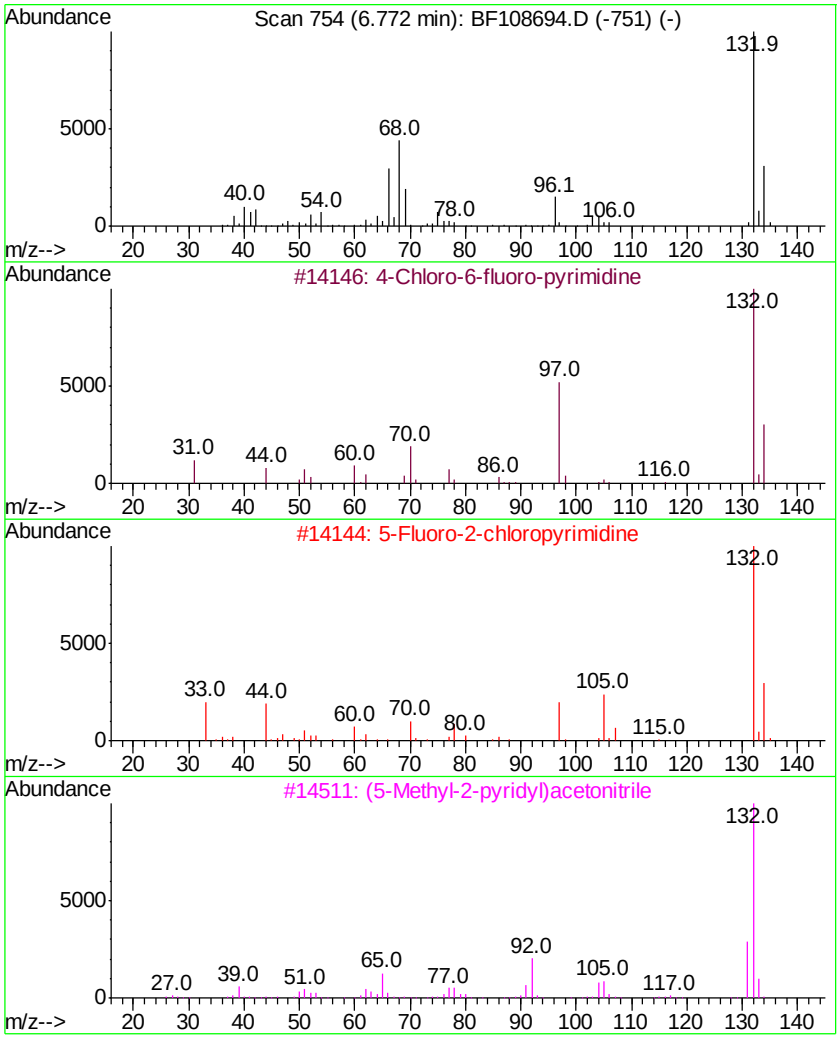
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

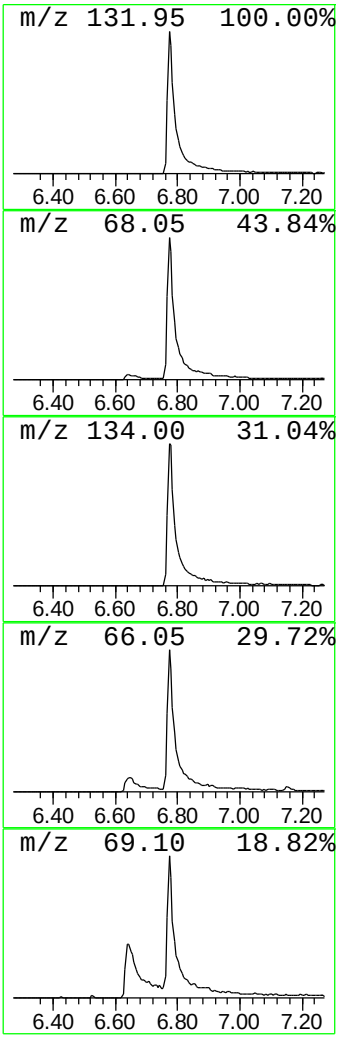
**********

Peak Number 1 unknown6.77 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.77 | 57.65 ng | 1356390 | 1,4-Dichlorobenzene-d4 | 7.00 |

| 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 | 12 |
| 3 | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2 | 1000241-93-9 | 10 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 5 | Benzene, 1-ethenyl-3,5-dimethyl- | 132 | C10H12 | 005379-20-4 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

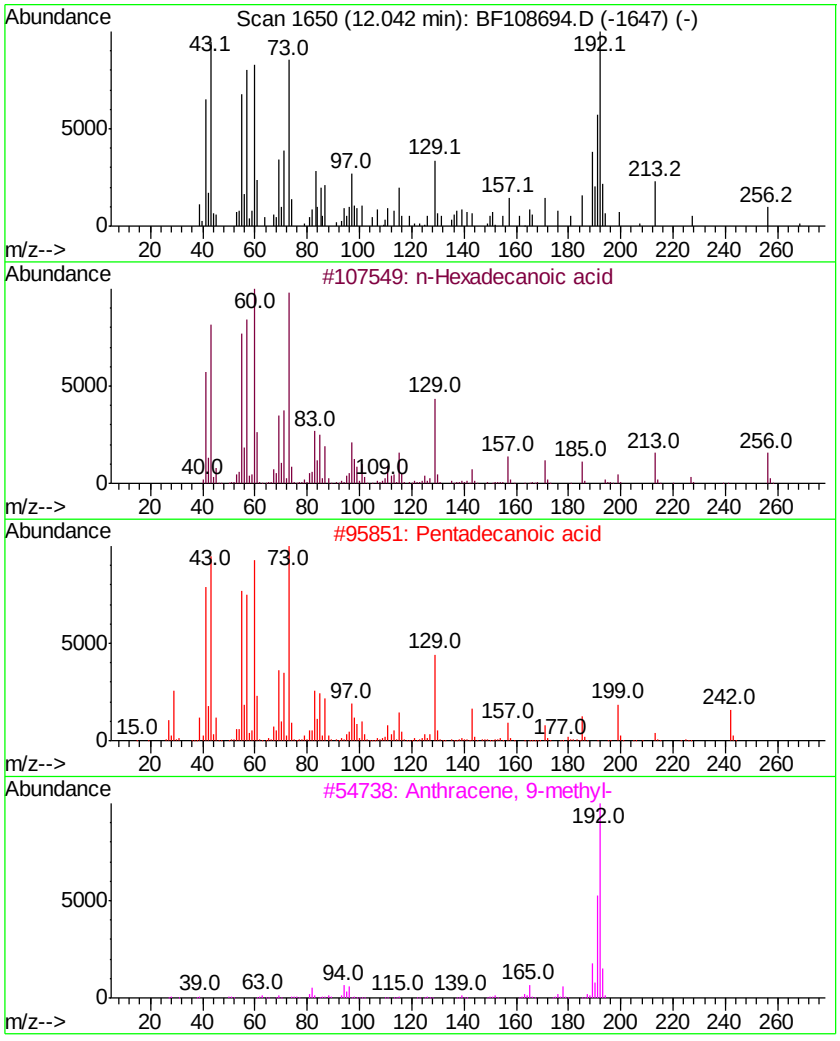
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

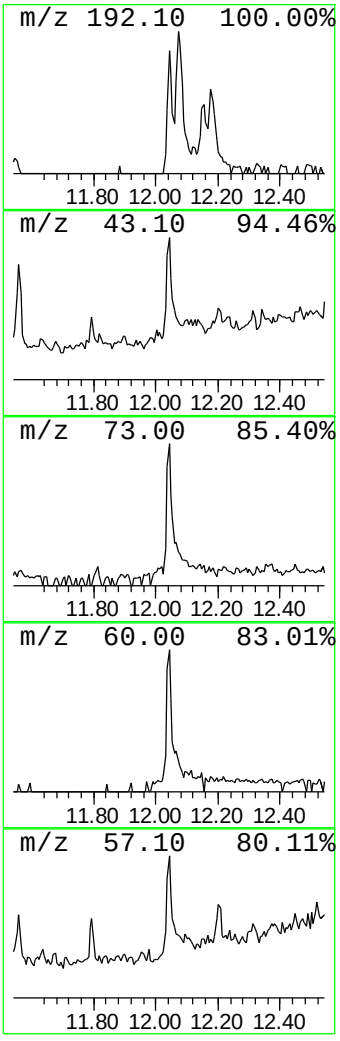
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.04 | 3.89 ng | 97733 | Phenanthrene-d10 | 11.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 92 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 30 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 30 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 27 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 27 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

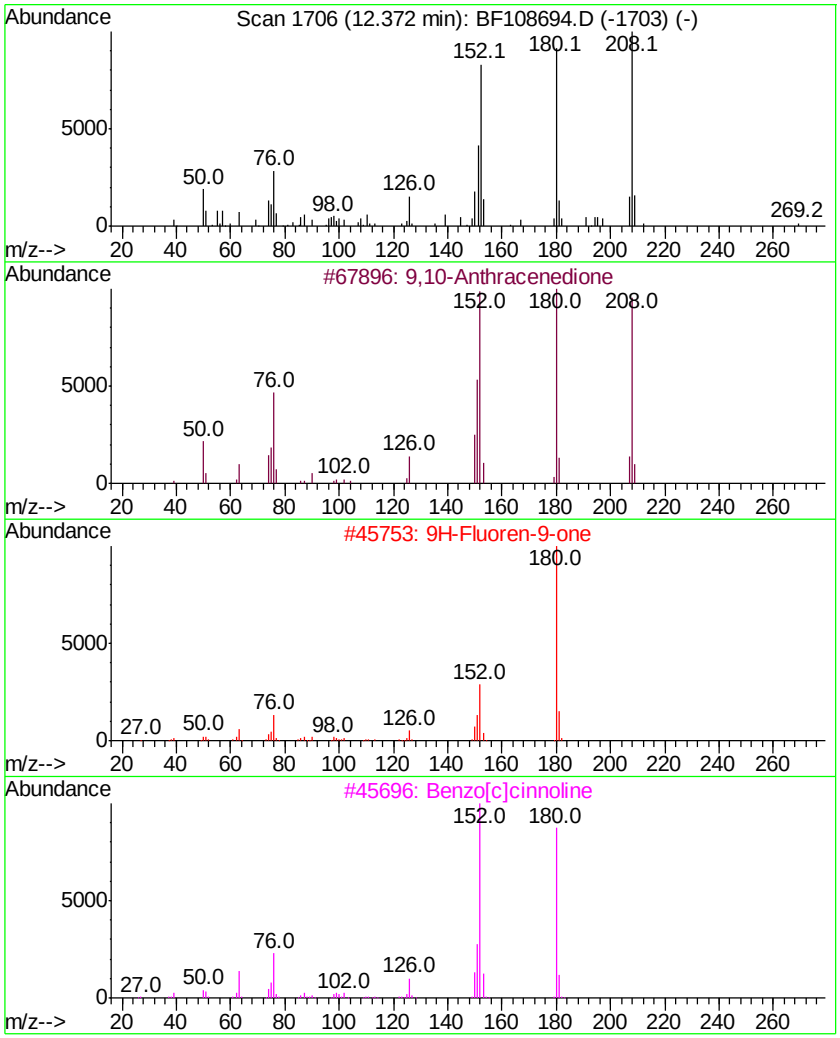
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

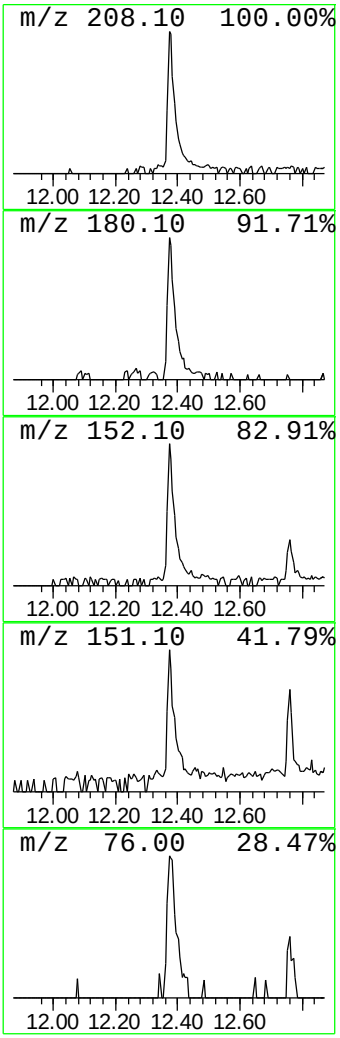
**********

Peak Number 4 9,10-Anthracenedione Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.37 | 3.61 ng | 90752 | Phenanthrene-d10 | 11.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 70 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 62 |
| 4 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 60 |
| 5 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 60 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

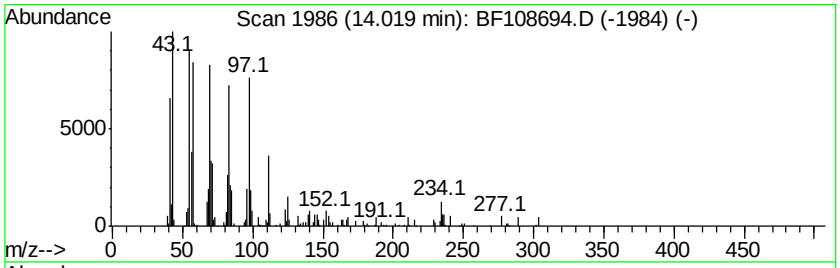
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

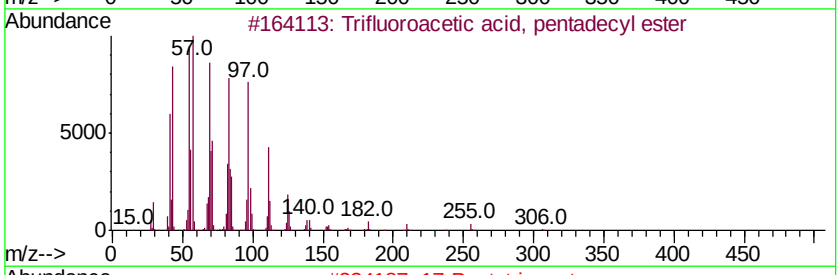
**********

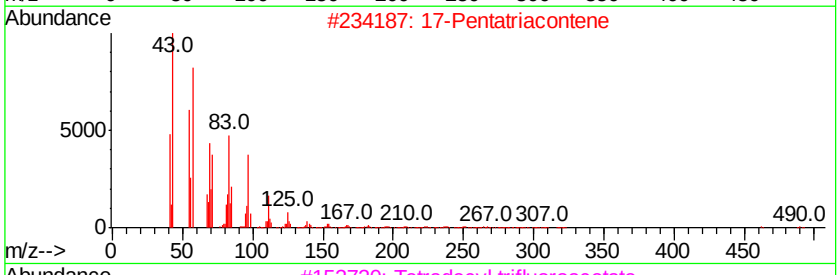
Peak Number 5 Trifluoroacetic acid, penta... Concentration Rank 13

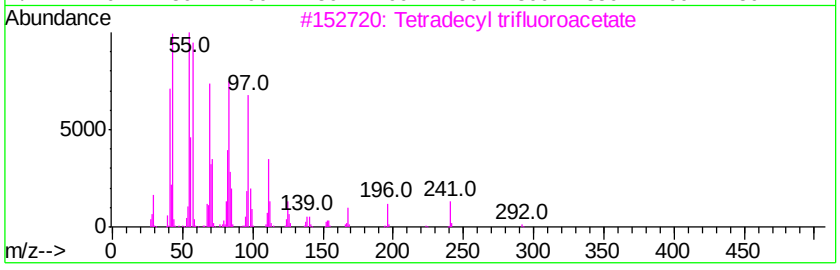
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.02 | 2.64 ng | 97678 | Chrysene-d12 | 14.20 |

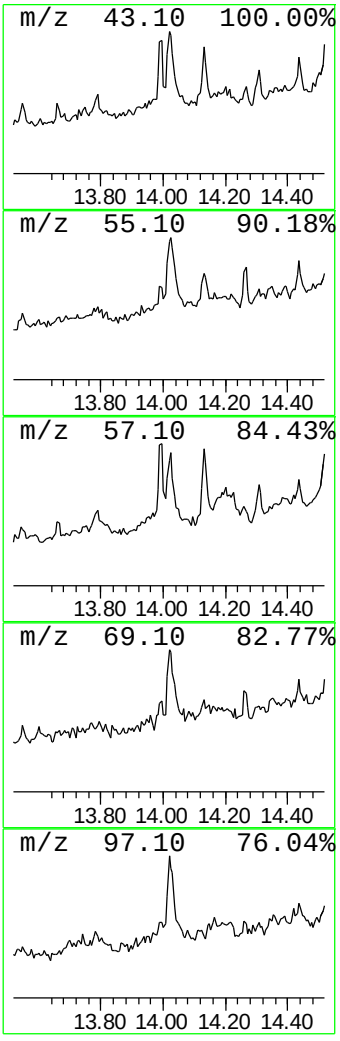
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 93 |
| 2 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 87 |
| 3 | Tetradecyl trifluoroacetate | 310 | C16H29F3O2 | 006222-02-2 | 83 |
| 4 | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 58 |
| 5 | 1-Pentadecene | 210 | C15H30 | 013360-61-7 | 58 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

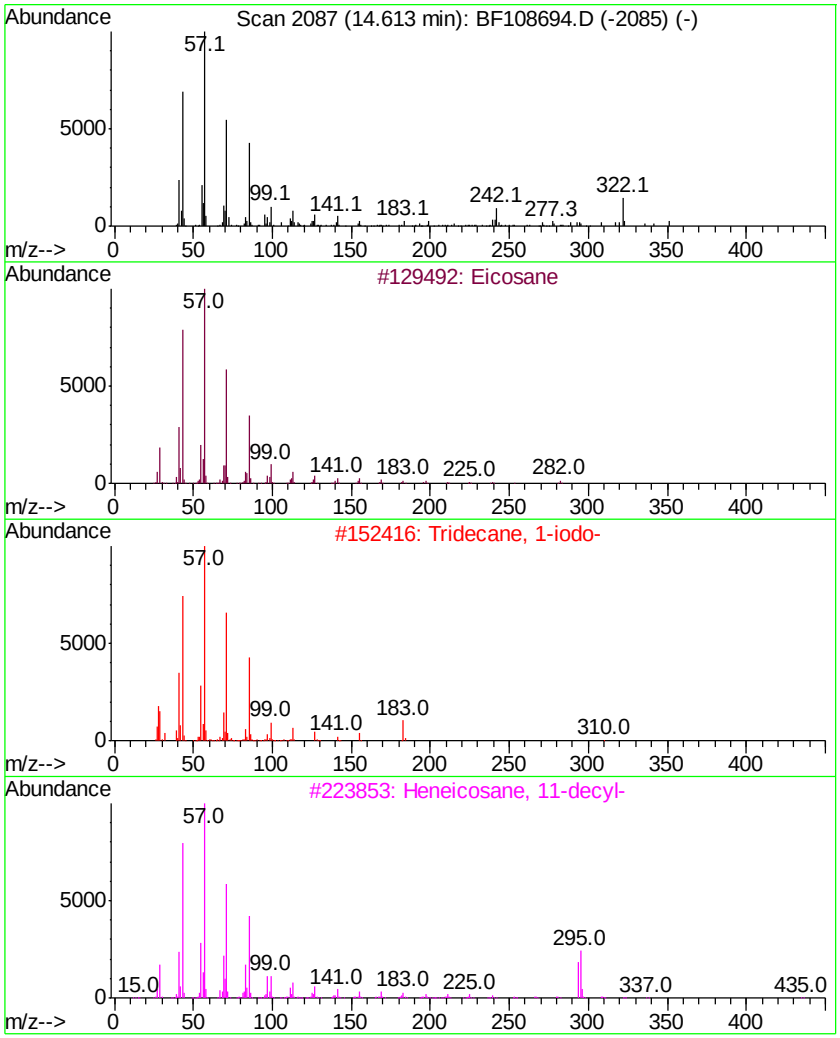
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

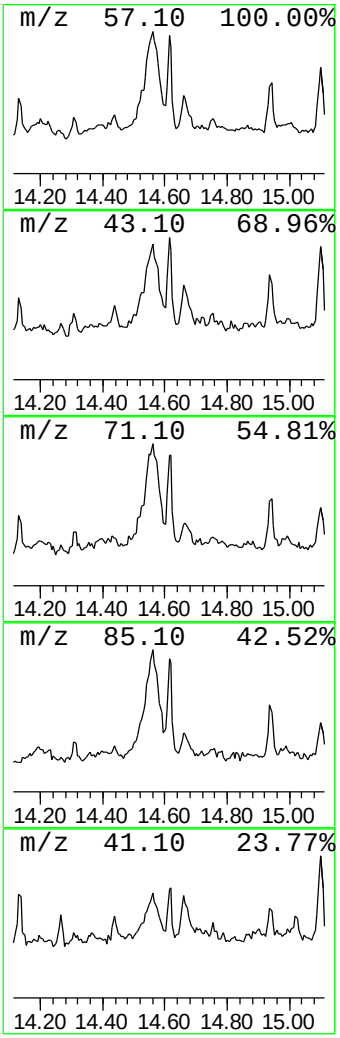
**********

Peak Number 6 Eicosane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.61 | 3.75 ng | 138533 | Chrysene-d12 | 14.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 68 |
| 2 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 68 |
| 3 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 64 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 64 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 59 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

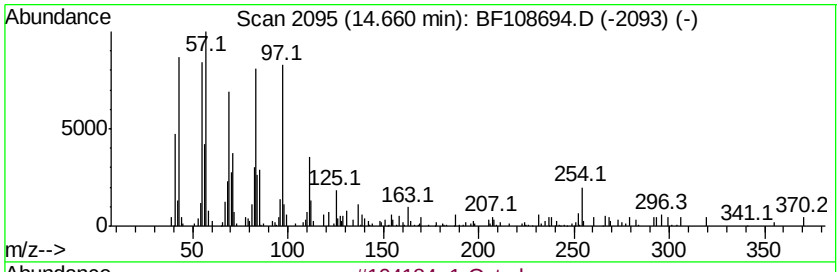
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

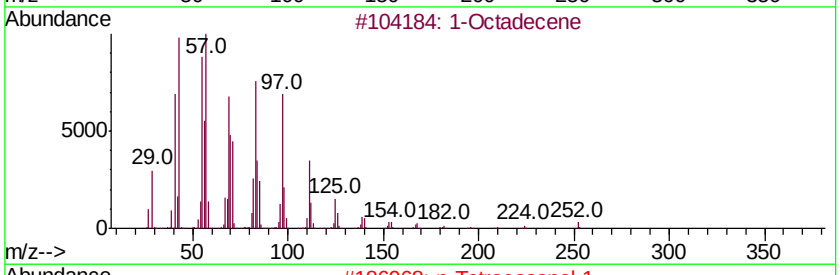
**********

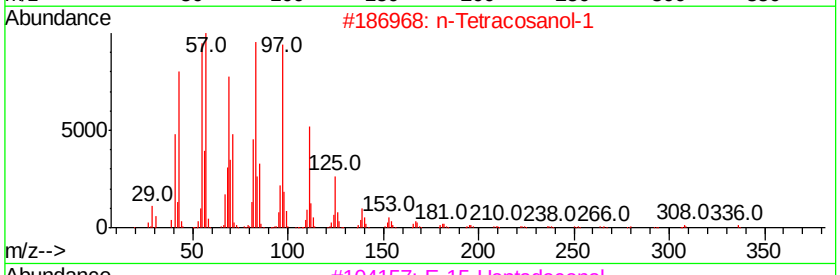
Peak Number 7 1-Octadecene Concentration Rank 12

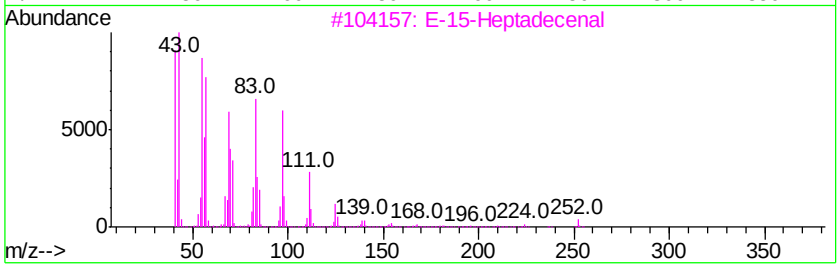
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.66 | 3.50 ng | 129301 | Chrysene-d12 | 14.20 |

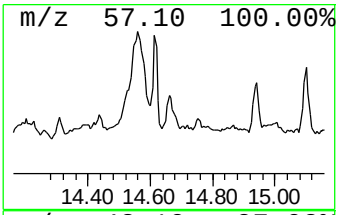
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 91 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 87 |
| 3 | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 86 |
| 4 | 8-Heptadecene | 238 | C17H34 | 002579-04-6 | 83 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 83 |

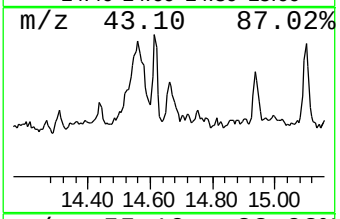


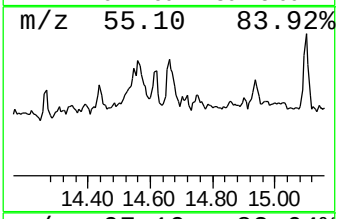



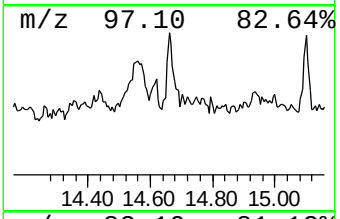



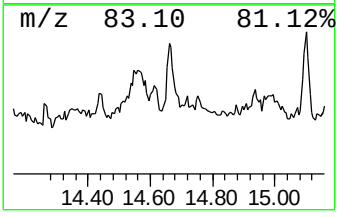



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

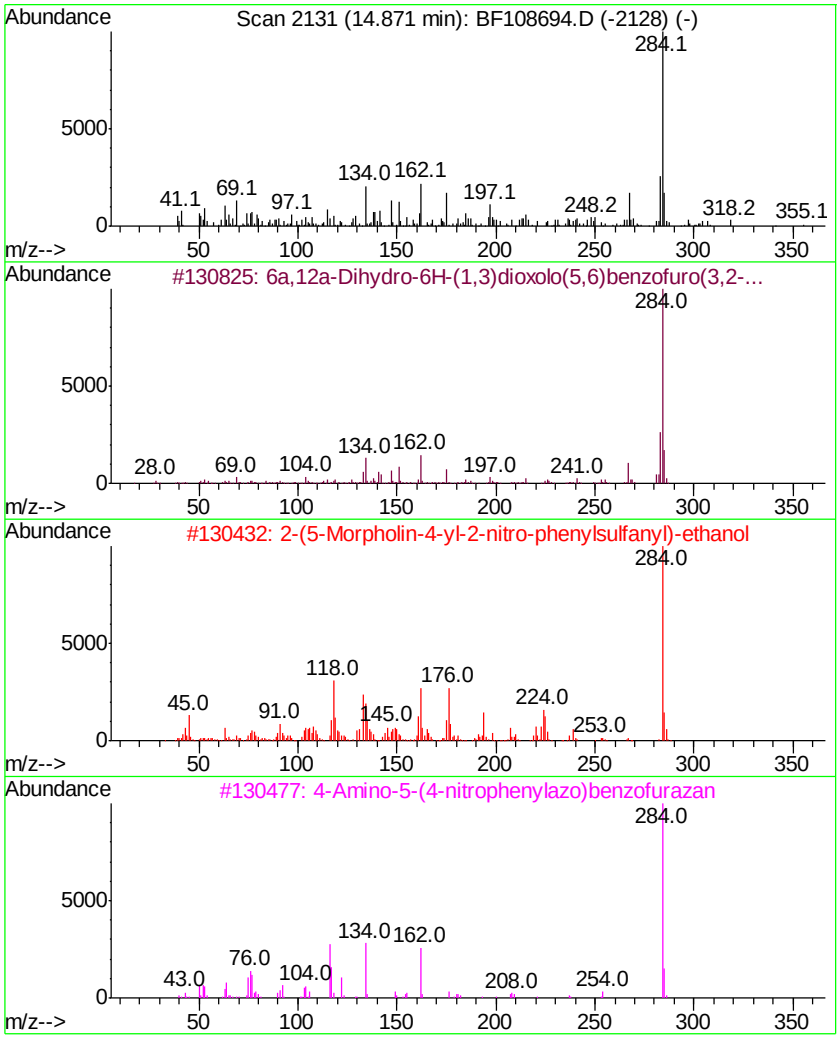
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

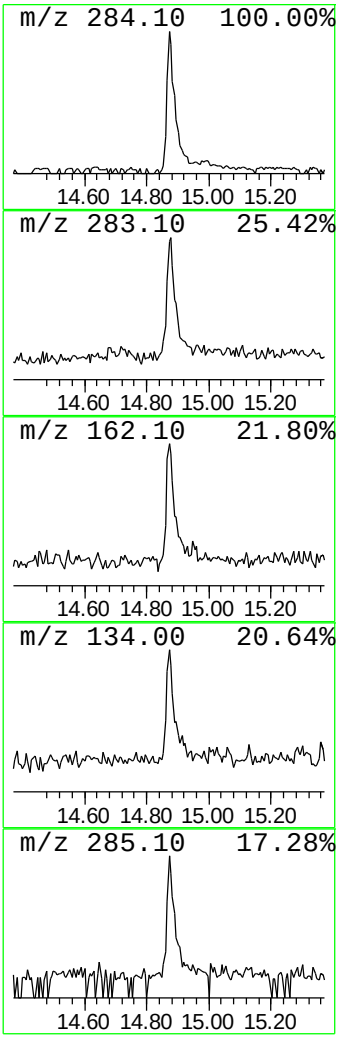
**********

Peak Number 8 6a,12a-Dihydro-6H-(1,3)diox... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.87 | 3.57 ng | 132120 | Chrysene-d12 | 14.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6a,12a-Dihydro-6H-(1,3)dioxolo(5... | 284 | C16H12O5 | 022091-18-5 | 91 |
| 2 | 2-(5-Morpholin-4-yl-2-nitro-phen... | 284 | C12H16N2O4S | 1000294-41-6 | 53 |
| 3 | 4-Amino-5-(4-nitrophenylazo)benz... | 284 | C12H8N6O3 | 166766-07-0 | 53 |
| 4 | 9,10-Anthraquinone diimine, N,N'... | 284 | C18H12N4 | 1000142-29-9 | 49 |
| 5 | 6H-Benzofuro[3,2-c][1]benzopyran... | 284 | C17H16O4 | 000606-91-7 | 49 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

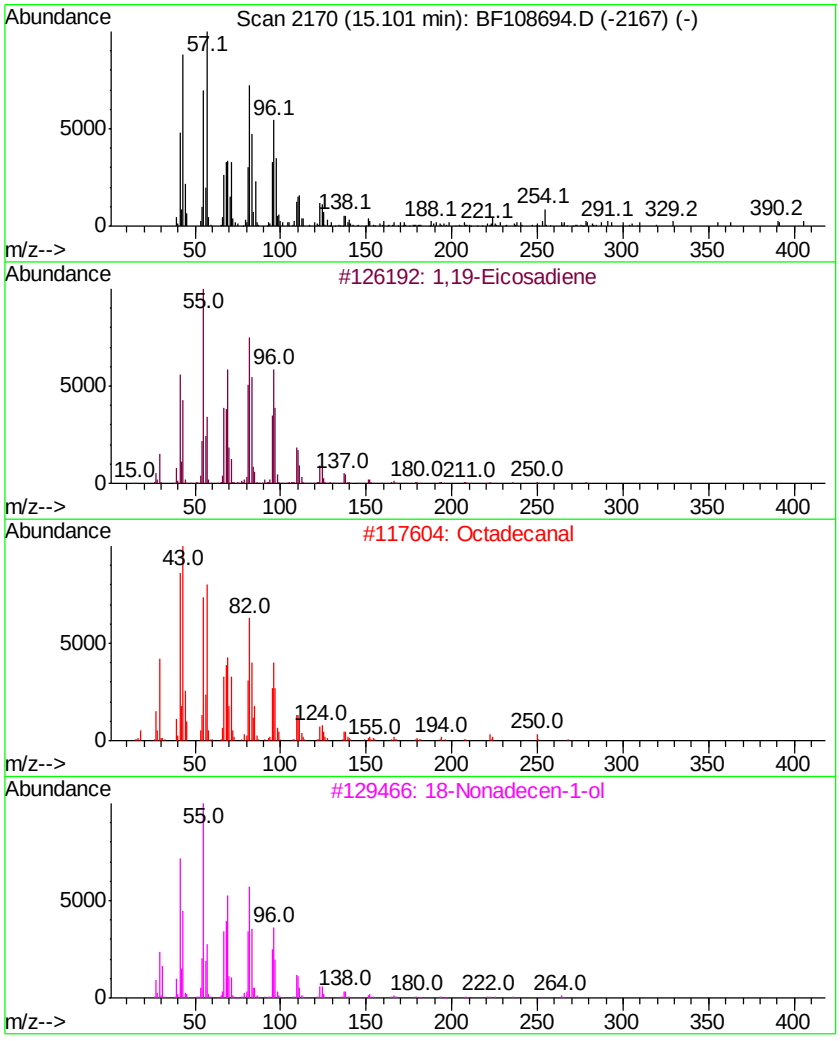
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

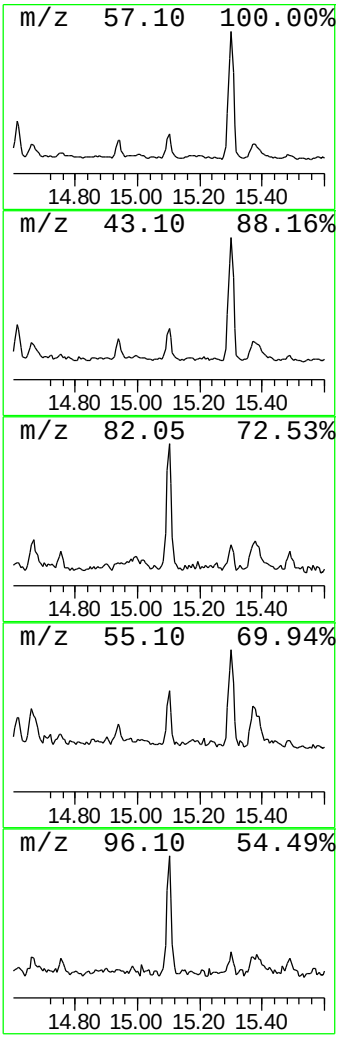
**********

Peak Number 9 1,19-Eicosadiene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.10 | 9.44 ng | 218606 | Perylene-d12 | 15.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 87 |
| 2 | Octadecanal | 268 | C18H36O | 000638-66-4 | 86 |
| 3 | 18-Nonadecen-1-ol | 282 | C19H38O | 1000142-89-2 | 80 |
| 4 | (E)-Dodec-2-enyl isobutyl carbonate | 284 | C17H32O3 | 1000372-78-7 | 78 |
| 5 | 1,16-Hexadecanediol | 258 | C16H34O2 | 007735-42-4 | 74 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

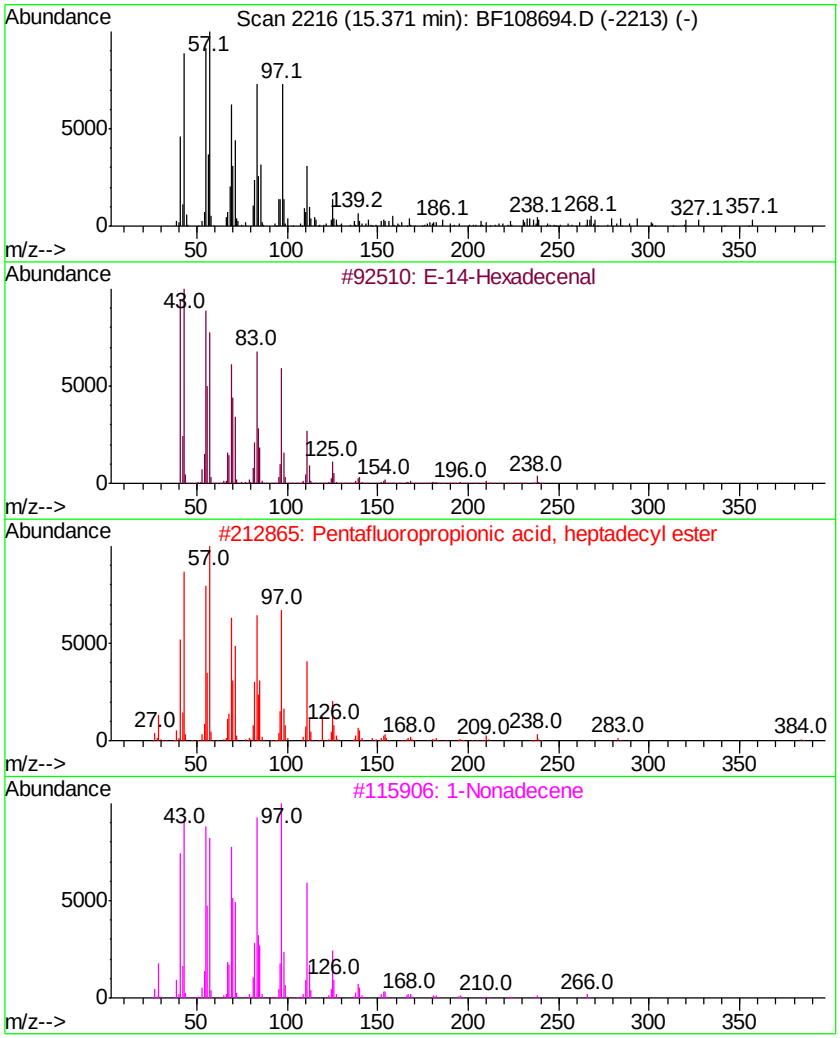
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

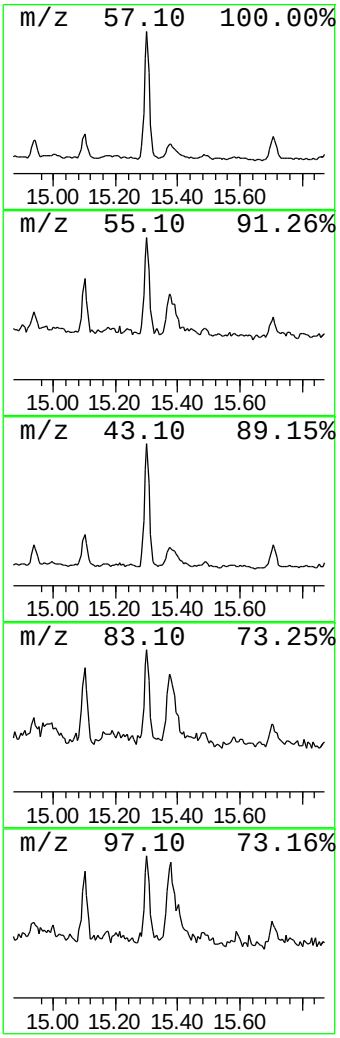
**********

Peak Number 10 E-14-Hexadecenal Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.37 | 11.44 ng | 264967 | Perylene-d12 | 15.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | E-14-Hexadecenal | 238 | C16H30O | 330207-53-9 | 93 |
| 2 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 93 |
| 3 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 92 |
| 4 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 90 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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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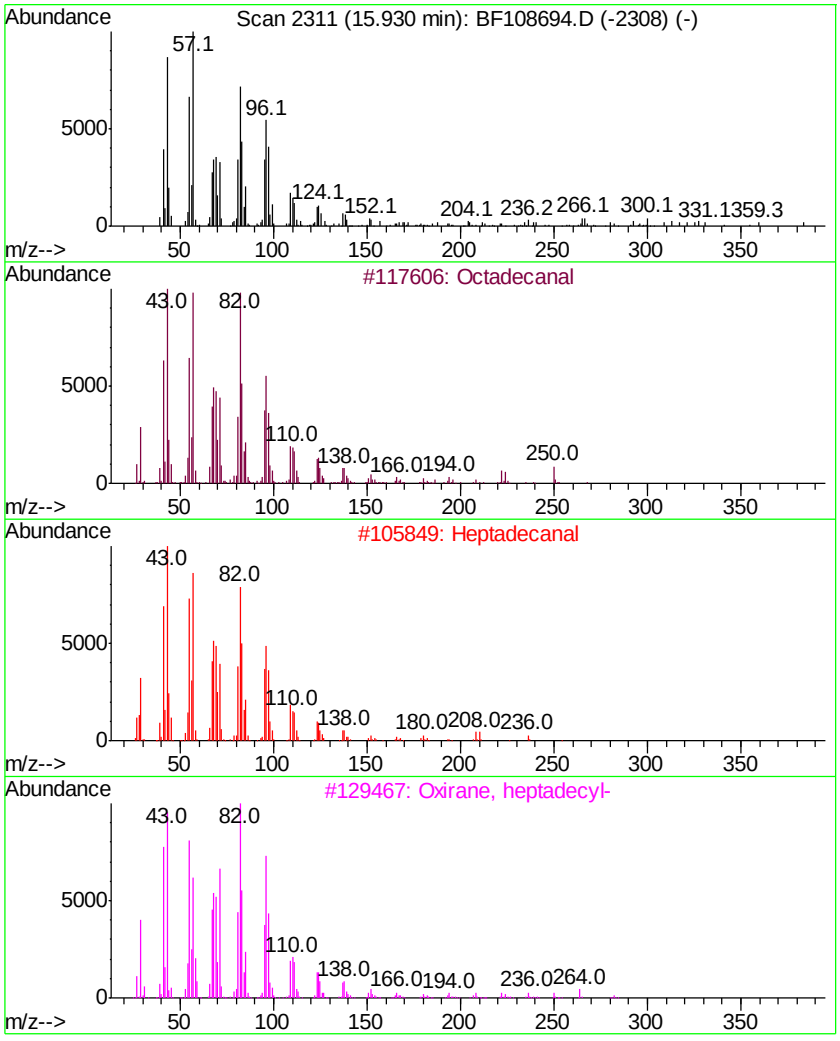
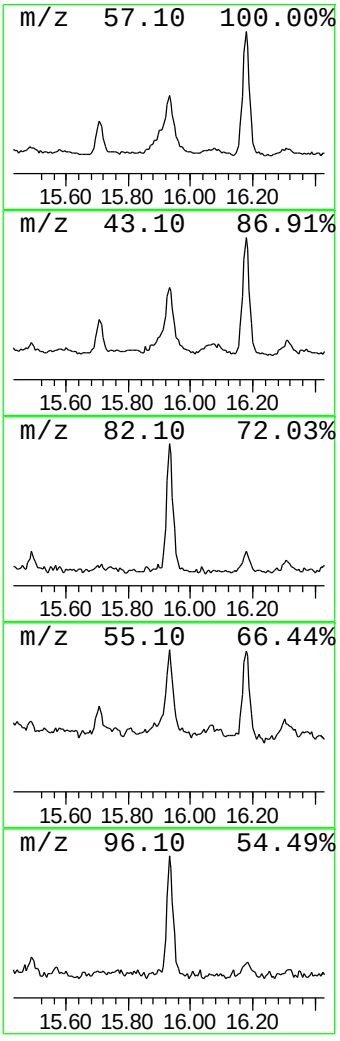
Peak Number 11 Octadecanal Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.93 | 15.90 ng | 368131 | Perylene-d12 | 15.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanal | 268 | C18H36O | 000638-66-4 | 94 |
| 2 | Heptadecanal | 254 | C17H34O | 1000376-70-0 | 93 |
| 3 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 86 |
| 4 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 83 |
| 5 | 1,13-Tetradecadiene | 194 | C14H26 | 021964-49-8 | 78 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

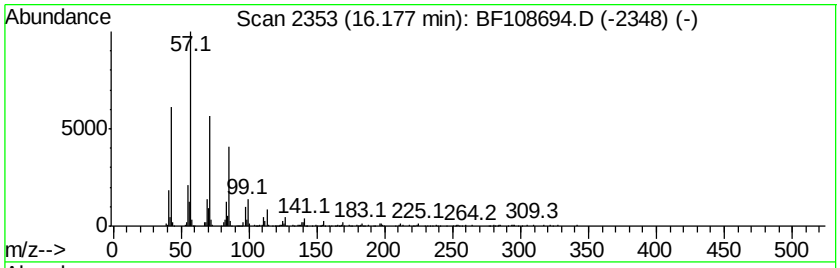
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

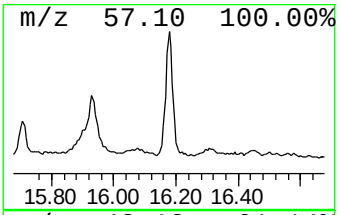
**********

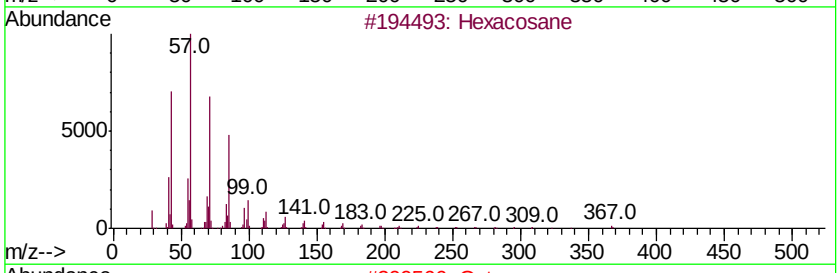
Peak Number 12 Hexacosane Concentration Rank 3

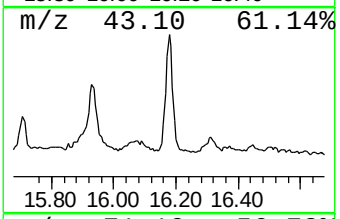
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.18 | 22.65 ng | 524545 | Perylene-d12 | 15.75 |

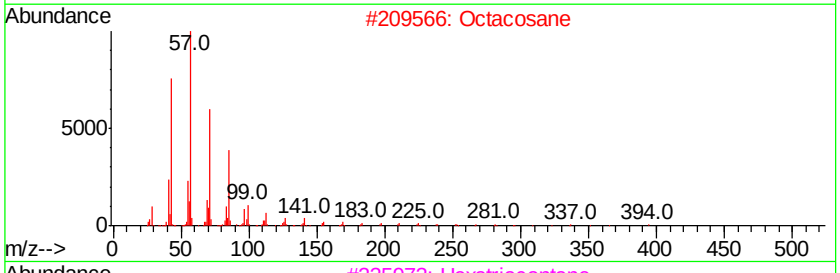
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 94 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |

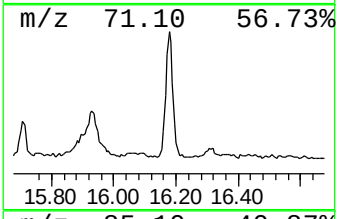


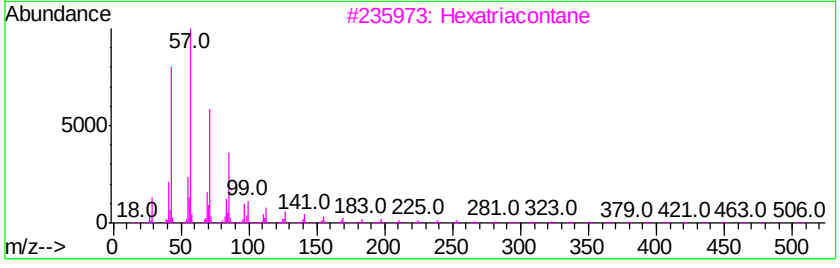



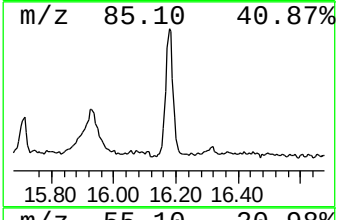



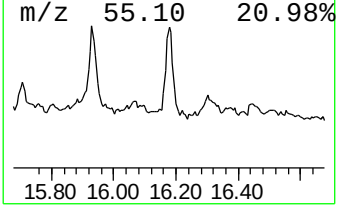



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

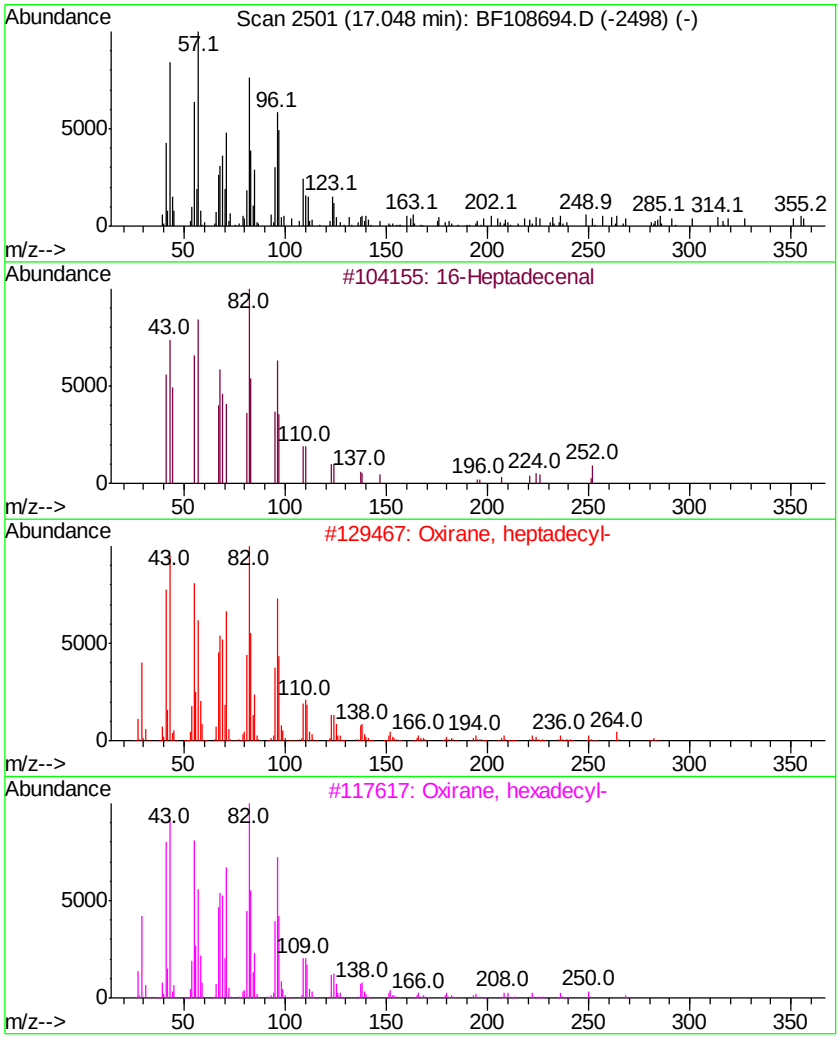
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

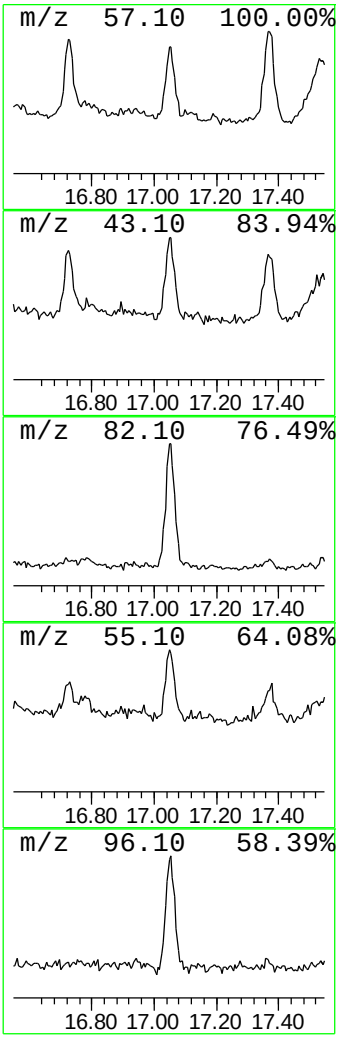
**********

Peak Number 13 16-Heptadecenal Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.05 | 9.39 ng | 217394 | Perylene-d12 | 15.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 16-Heptadecenal | 252 | C17H32O | 1000144-57-9 | 95 |
| 2 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 90 |
| 3 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 74 |
| 4 | Octadecanal | 268 | C18H36O | 000638-66-4 | 58 |
| 5 | 1,16-Hexadecanediol | 258 | C16H34O2 | 007735-42-4 | 52 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083118\
Data File : BF108694.D
Acq On : 31 Aug 2018 17:35
Operator : JU/SJ
Sample : J4720-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BZTRANS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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 |
| unknown6.77 | 6.77 | 57.6 | ng | 1356390 | 1 | 7.00 | 470522 | 20.0 |
| n-Hexadecanoic acid | 12.04 | 3.9 | ng | 97733 | 4 | 11.54 | 503071 | 20.0 |
| 9,10-Anthracenedione | 12.37 | 3.6 | ng | 90752 | 4 | 11.54 | 503071 | 20.0 |
| Trifluoroacetic a... | 14.02 | 2.6 | ng | 97678 | 5 | 14.20 | 739738 | 20.0 |
| Eicosane | 14.61 | 3.8 | ng | 138533 | 5 | 14.20 | 739738 | 20.0 |
| 1-Octadecene | 14.66 | 3.5 | ng | 129301 | 5 | 14.20 | 739738 | 20.0 |
| 6a,12a-Dihydro-6H... | 14.87 | 3.6 | ng | 132120 | 5 | 14.20 | 739738 | 20.0 |
| 1,19-Eicosadiene | 15.10 | 9.4 | ng | 218606 | 6 | 15.75 | 463079 | 20.0 |
| E-14-Hexadecenal | 15.37 | 11.4 | ng | 264967 | 6 | 15.75 | 463079 | 20.0 |
| Octadecanal | 15.93 | 15.9 | ng | 368131 | 6 | 15.75 | 463079 | 20.0 |
| Hexacosane | 16.18 | 22.6 | ng | 524545 | 6 | 15.75 | 463079 | 20.0 |
| 16-Heptadecenal | 17.05 | 9.4 | ng | 217394 | 6 | 15.75 | 463079 | 20.0 |