LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

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-BF101518.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 | 2.328 | 36 | 41 | 47 | rVB | 729762 | 987232 | 19.86% | 2.034% |
| 2 | 3.587 | 252 | 255 | 269 | rBV | 85284 | 167758 | 3.37% | 0.346% |
| 3 | 5.222 | 528 | 533 | 538 | rVB | 181101 | 205972 | 4.14% | 0.424% |
| 4 | 5.604 | 593 | 598 | 601 | rBV | 4991311 | 4789318 | 96.33% | 9.870% |
| 5 | 6.598 | 762 | 767 | 771 | rBV | 4958647 | 4971787 | 100.00% | 10.246% |
| 6 | 6.751 | 788 | 793 | 796 | rBV | 5180512 | 4893494 | 98.43% | 10.084% |
| 7 | 6.981 | 828 | 832 | 835 | rVB | 1918430 | 1499179 | 30.15% | 3.089% |
| 8 | 7.140 | 855 | 859 | 862 | rVB | 4362635 | 3860670 | 77.65% | 7.956% |
| 9 | 7.540 | 922 | 927 | 930 | rBV | 3345500 | 3065717 | 61.66% | 6.318% |
| 10 | 8.263 | 1046 | 1050 | 1053 | rBV | 2265800 | 1816681 | 36.54% | 3.744% |
| 11 | 9.339 | 1228 | 1233 | 1236 | rVB | 4873393 | 4509530 | 90.70% | 9.293% |
| 12 | 9.728 | 1295 | 1299 | 1302 | rVB | 596570 | 477028 | 9.59% | 0.983% |
| 13 | 10.022 | 1345 | 1349 | 1353 | rBV | 1977703 | 1646266 | 33.11% | 3.393% |
| 14 | 10.810 | 1479 | 1483 | 1486 | rBV | 2495164 | 2074424 | 41.72% | 4.275% |
| 15 | 11.510 | 1599 | 1602 | 1605 | rBV | 1485527 | 1346162 | 27.08% | 2.774% |
| 16 | 11.533 | 1605 | 1606 | 1611 | rVB | 120545 | 91801 | 1.85% | 0.189% |
| 17 | 11.722 | 1634 | 1638 | 1642 | rBV2 | 59761 | 60265 | 1.21% | 0.124% |
| 18 | 12.016 | 1685 | 1688 | 1691 | rBV2 | 89655 | 97187 | 1.95% | 0.200% |
| 19 | 12.539 | 1774 | 1777 | 1780 | rBV | 199524 | 168577 | 3.39% | 0.347% |
| 20 | 12.727 | 1805 | 1809 | 1813 | rBV | 415803 | 359543 | 7.23% | 0.741% |
| 21 | 12.804 | 1818 | 1822 | 1828 | rBV5 | 46823 | 74011 | 1.49% | 0.153% |
| 22 | 12.957 | 1842 | 1848 | 1854 | rVB | 381165 | 392979 | 7.90% | 0.810% |
| 23 | 13.098 | 1868 | 1872 | 1875 | rVB | 3976311 | 3375219 | 67.89% | 6.955% |
| 24 | 13.657 | 1962 | 1967 | 1969 | rBV2 | 64863 | 61841 | 1.24% | 0.127% |
| 25 | 13.974 | 2016 | 2021 | 2032 | rVB6 | 389830 | 533880 | 10.74% | 1.100% |
| 26 | 14.157 | 2047 | 2052 | 2055 | rBV | 1914624 | 1920768 | 38.63% | 3.958% |
| 27 | 14.180 | 2055 | 2056 | 2062 | rVB | 217641 | 165291 | 3.32% | 0.341% |
| 28 | 14.298 | 2073 | 2076 | 2081 | rBV | 137998 | 137766 | 2.77% | 0.284% |
| 29 | 14.610 | 2126 | 2129 | 2136 | rVB | 268361 | 296075 | 5.96% | 0.610% |
| 30 | 14.704 | 2141 | 2145 | 2148 | rBV5 | 43750 | 57069 | 1.15% | 0.118% |
| 31 | 14.774 | 2155 | 2157 | 2165 | rVB8 | 34987 | 56360 | 1.13% | 0.116% |
| 32 | 14.927 | 2180 | 2183 | 2190 | rVB | 244700 | 280309 | 5.64% | 0.578% |
| 33 | 15.010 | 2194 | 2197 | 2201 | rBV | 91627 | 91665 | 1.84% | 0.189% |
| 34 | 15.227 | 2230 | 2234 | 2237 | rBV | 185401 | 269304 | 5.42% | 0.555% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

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-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 15.286 | 2241 | 2244 | 2251 | rVB | 313828 | 379565 | 7.63% | 0.782% |
| 36 | 15.551 | 2285 | 2289 | 2294 | rVV | 103180 | 130993 | 2.63% | 0.270% |
| 37 | 15.615 | 2296 | 2300 | 2306 | rBV | 159480 | 201016 | 4.04% | 0.414% |
| 38 | 15.686 | 2307 | 2312 | 2322 | rBV2 | 1524467 | 2152682 | 43.30% | 4.436% |
| 39 | 16.157 | 2388 | 2392 | 2397 | rVV | 258877 | 375506 | 7.55% | 0.774% |
| 40 | 16.210 | 2398 | 2401 | 2409 | rVB3 | 75513 | 116819 | 2.35% | 0.241% |
| 41 | 16.704 | 2480 | 2485 | 2492 | rVB2 | 139797 | 256425 | 5.16% | 0.528% |
| 42 | 17.245 | 2573 | 2577 | 2583 | rVB3 | 55776 | 111769 | 2.25% | 0.230% |

Sum of corrected areas: 48525903

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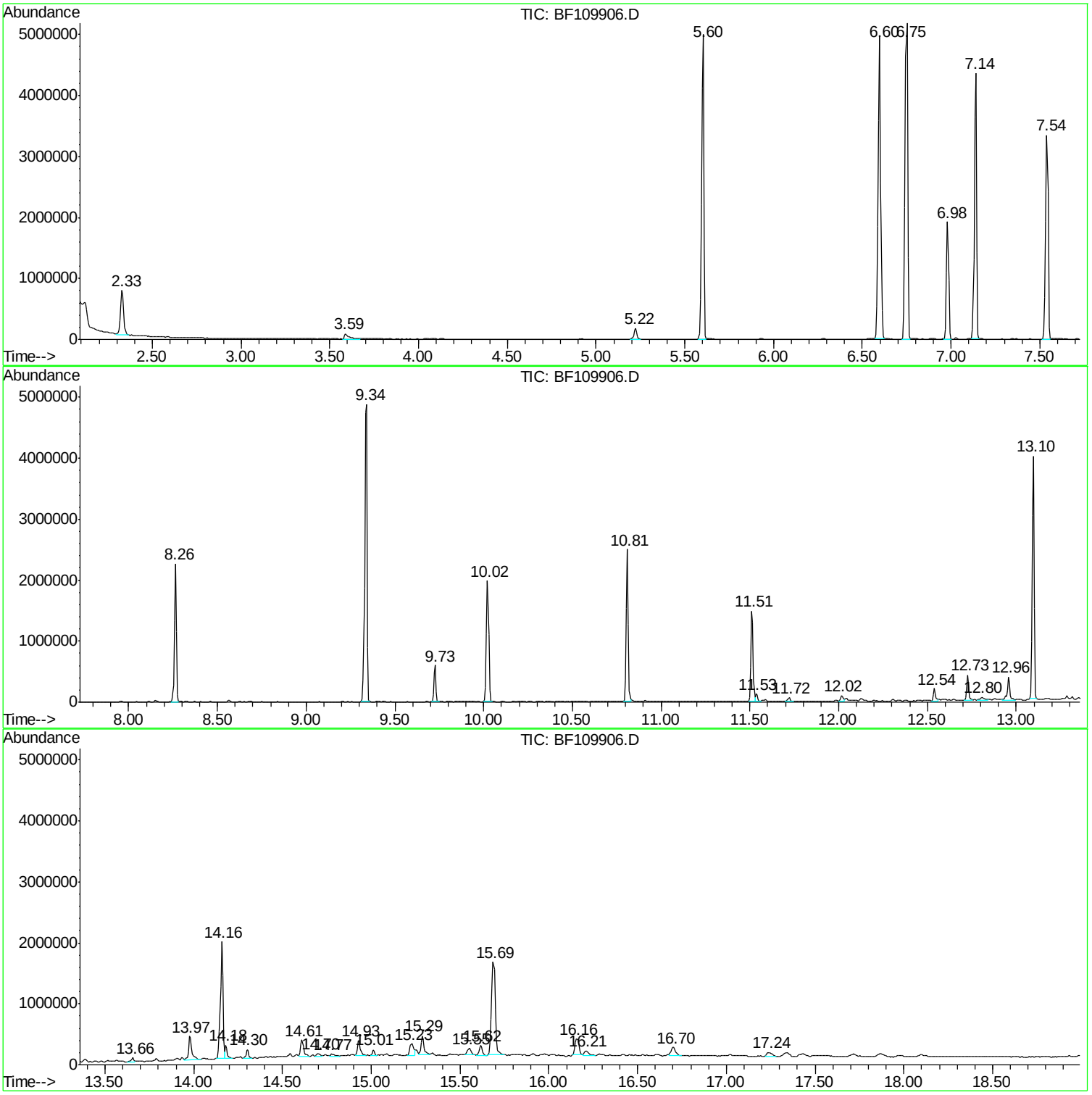
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

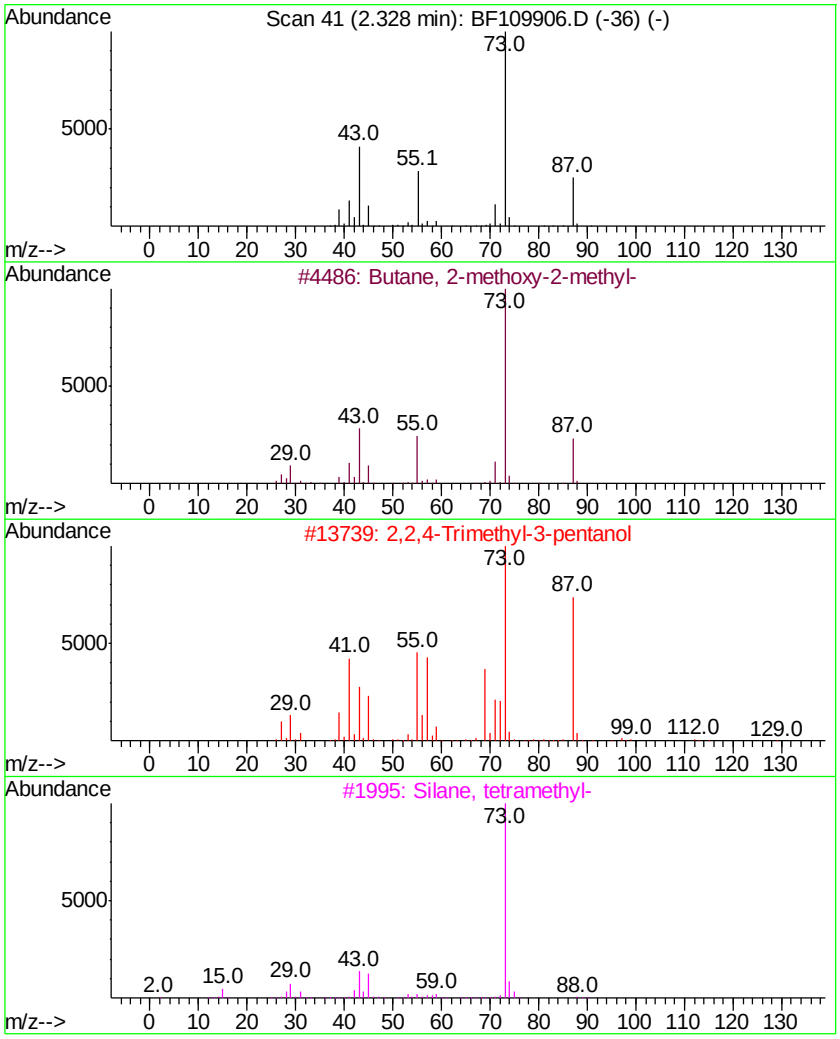
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

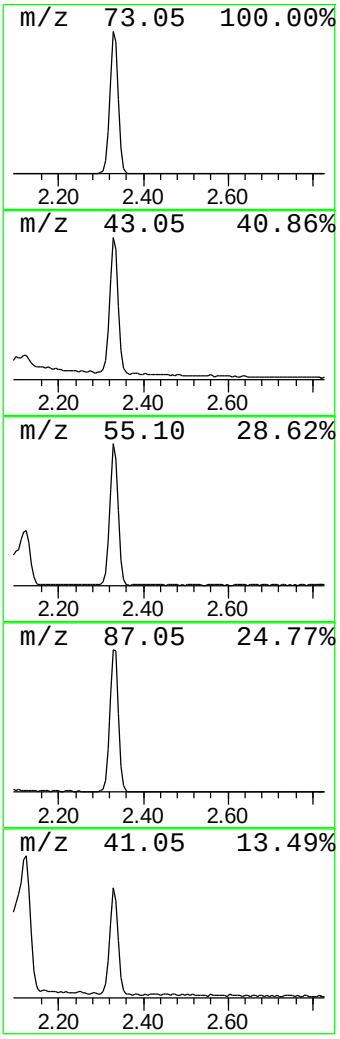
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.33 | 13.17 ng | 987232 | 1,4-Dichlorobenzene-d4 | 6.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 35 |
| 4 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 25 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

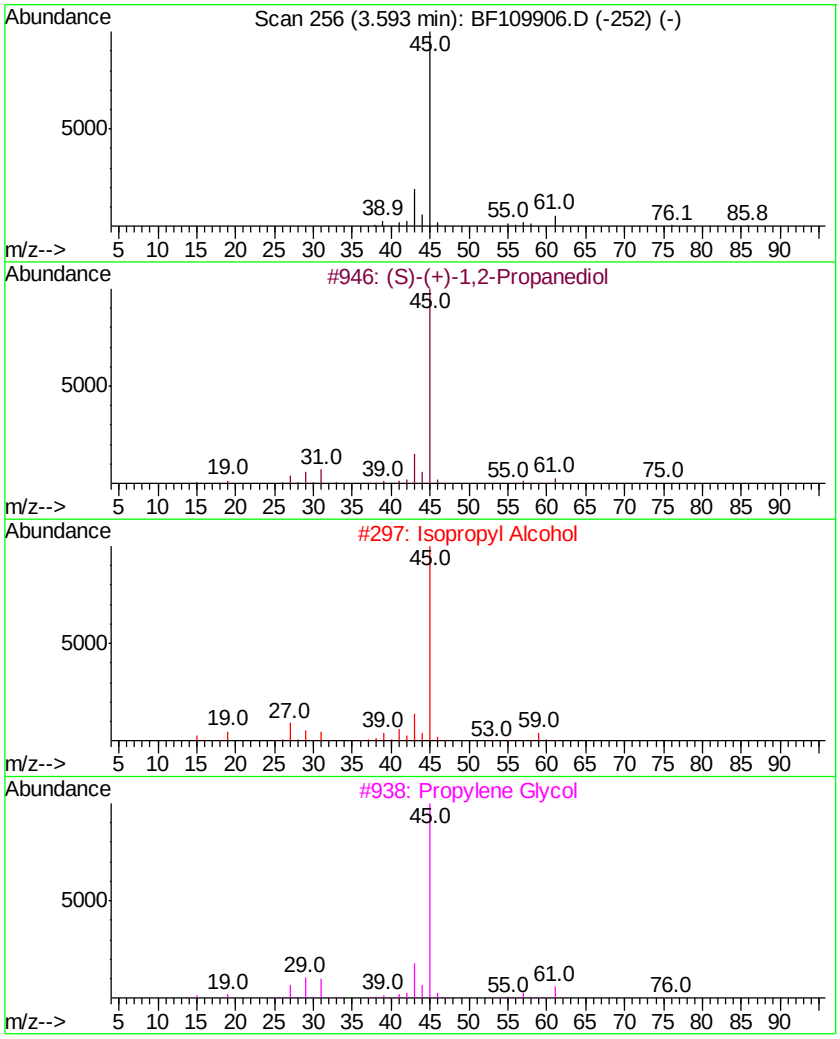
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

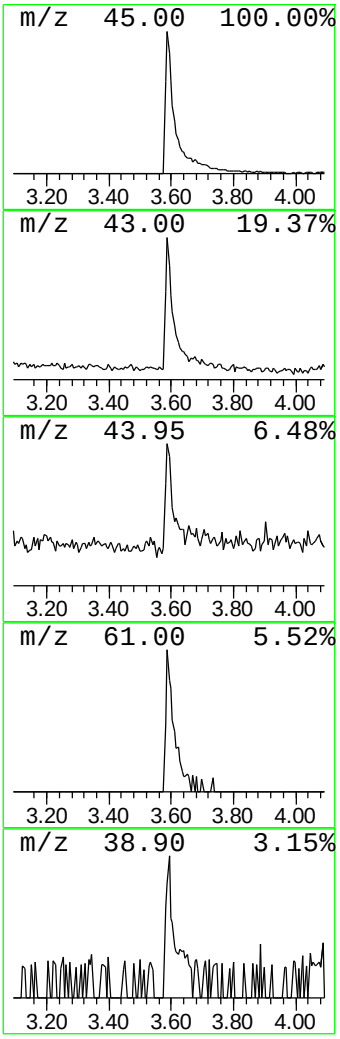
**********

Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.59 | 2.24 ng | 167758 | 1,4-Dichlorobenzene-d4 | 6.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (S)-(+)-1,2-Propanediol | 76 | C3H8O2 | 004254-15-3 | 64 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 56 |
| 3 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 43 |
| 4 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 43 |
| 5 | Butanenitrile, 2-(methoxymethoxy) | 129 | C6H11NO2 | 1000196-86-5 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

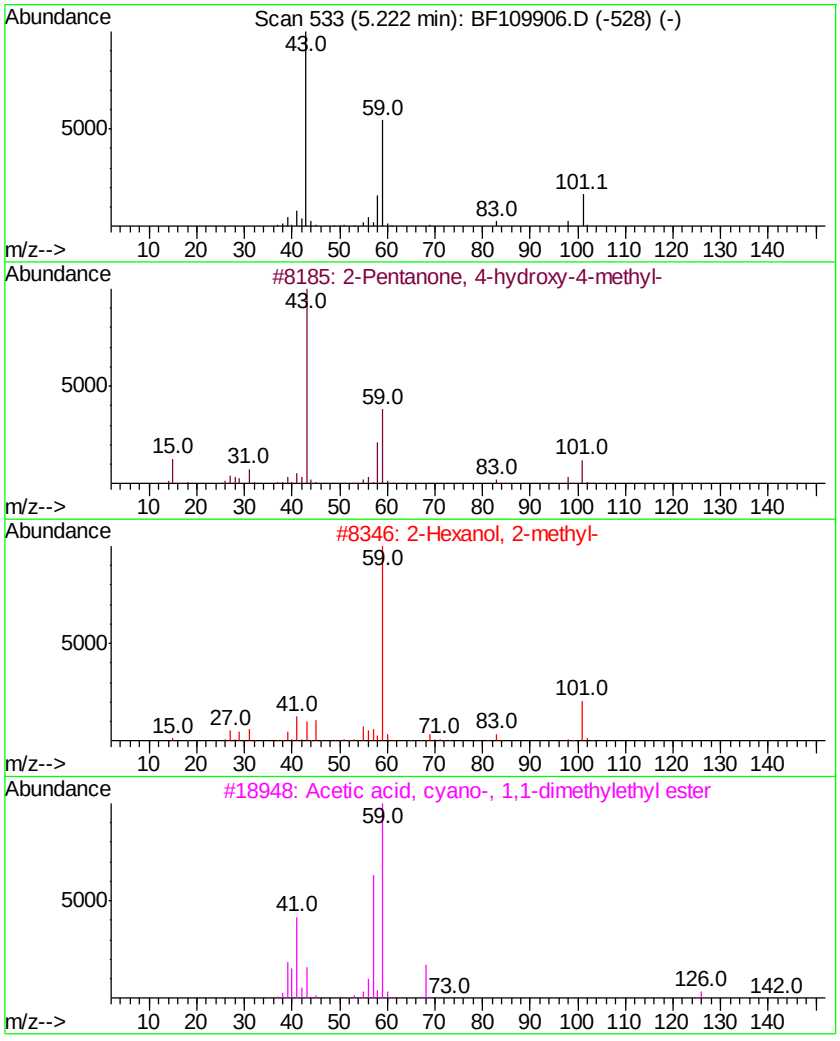
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

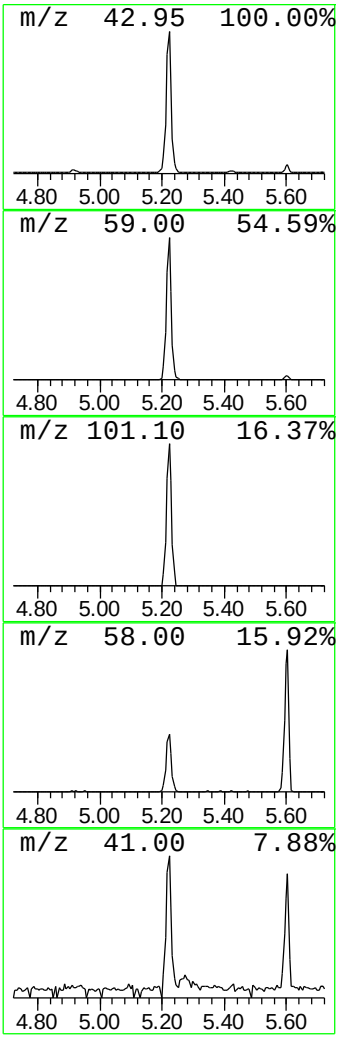
**********

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.22 | 2.75 ng | 205972 | 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 | 59 |
| 2 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 40 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 10 |
| 5 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

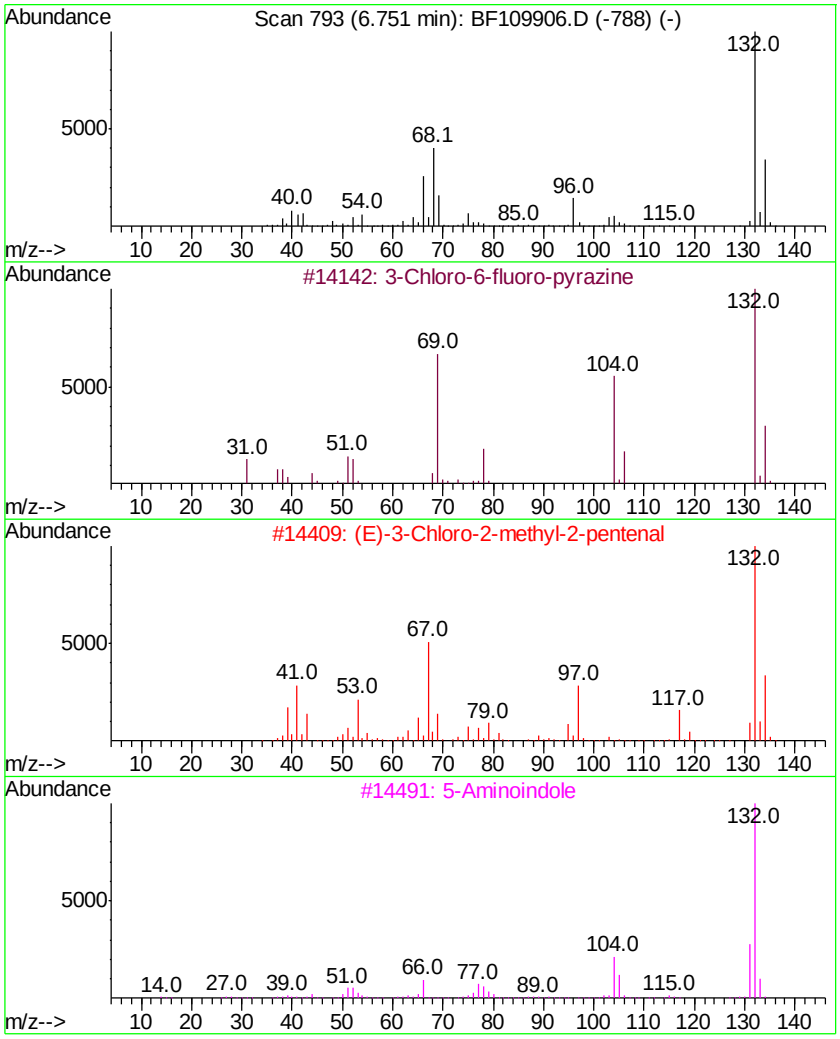
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

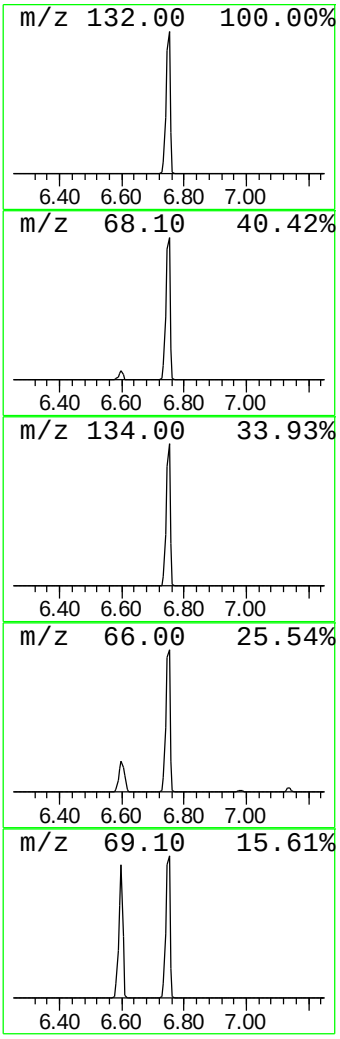
**********

Peak Number 4 unknown6.75 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.75 | 65.28 ng | 4893490 | 1,4-Dichlorobenzene-d4 | 6.98 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 17 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 4 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 5 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |



# Library Search Compound Report

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Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

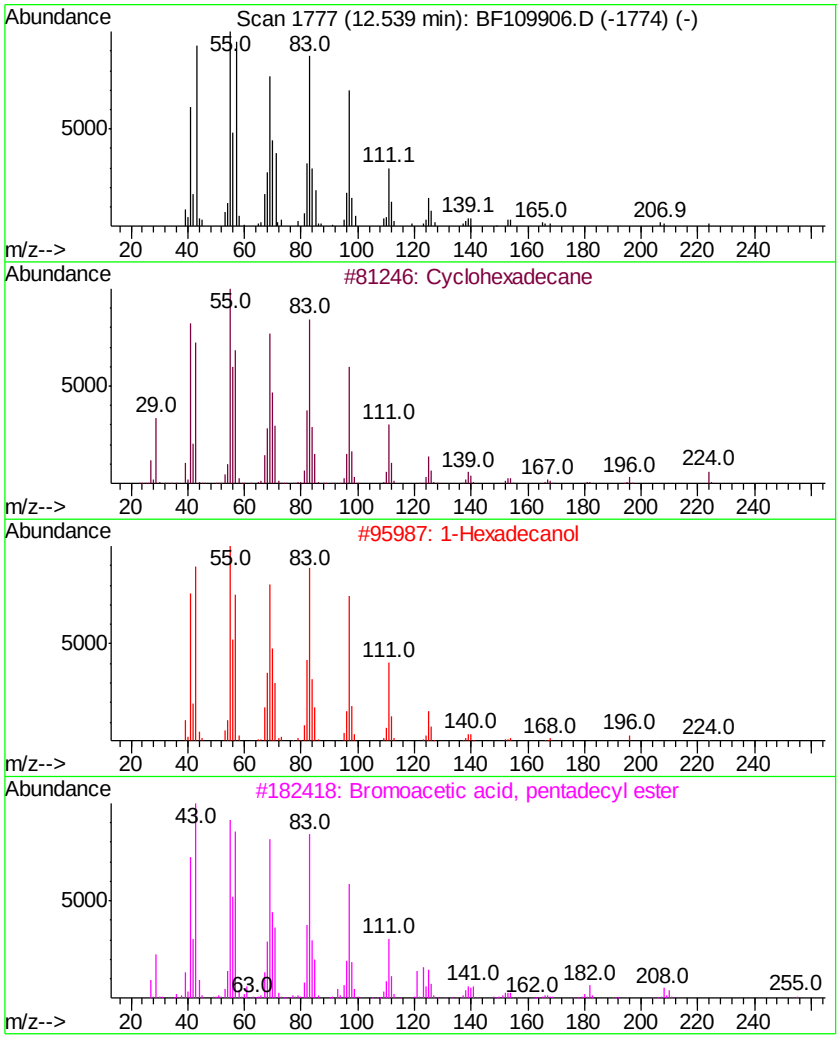
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

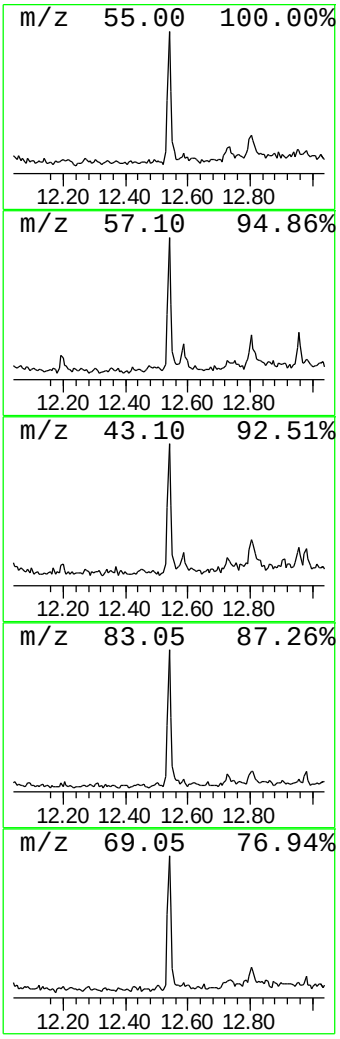
**********

Peak Number 6 Cyclohexadecane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.54 | 2.50 ng | 168577 | Phenanthrene-d10 | 11.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 98 |
| 2 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 94 |
| 3 | Bromoacetic acid, pentadecyl ester | 348 | C17H33BrO2 | 131143-01-6 | 94 |
| 4 | Bromoacetic acid, hexadecyl ester | 362 | C18H35BrO2 | 005454-48-8 | 94 |
| 5 | 9-Eicosene, (E)- | 280 | C20H40 | 074685-29-3 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

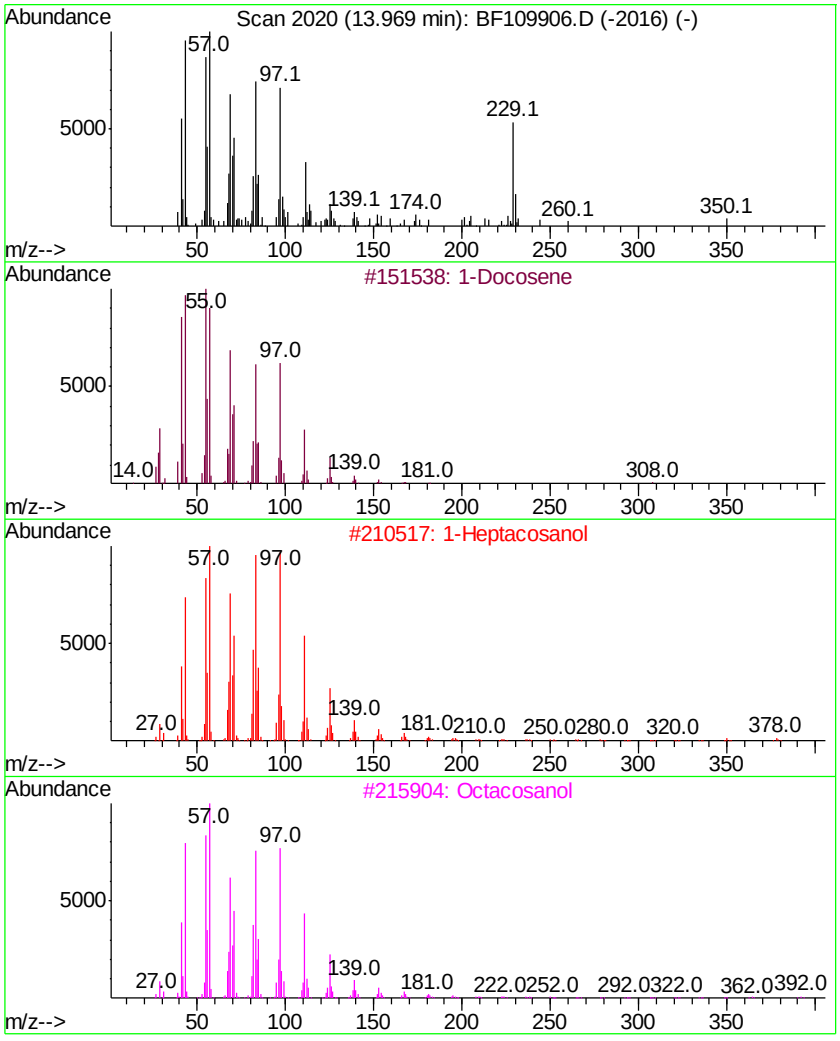
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

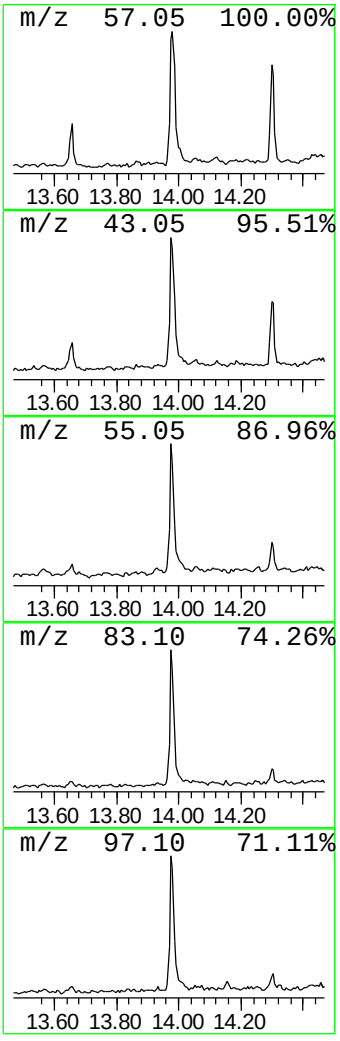
**********

Peak Number 7 1-Docosene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.97 | 5.56 ng | 533880 | Chrysene-d12 | 14.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 91 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 91 |
| 3 | Octacosanol | 410 | C28H58O | 000557-61-9 | 91 |
| 4 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 91 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 87 |



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Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

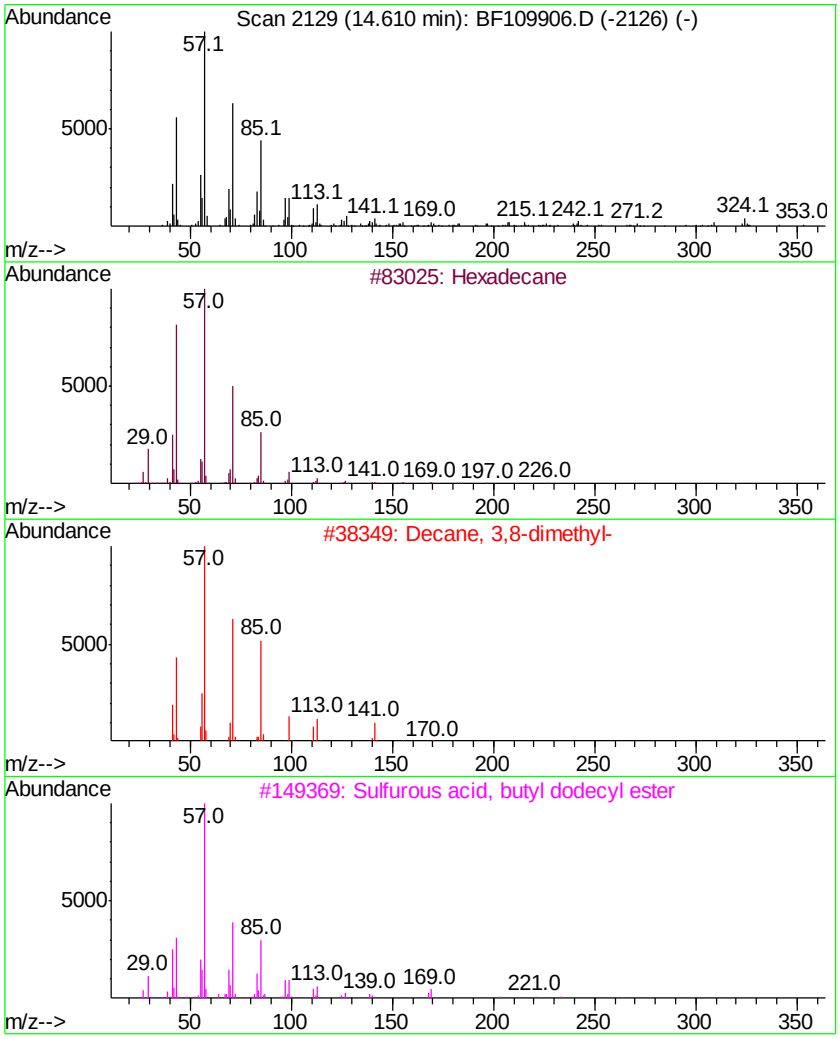
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

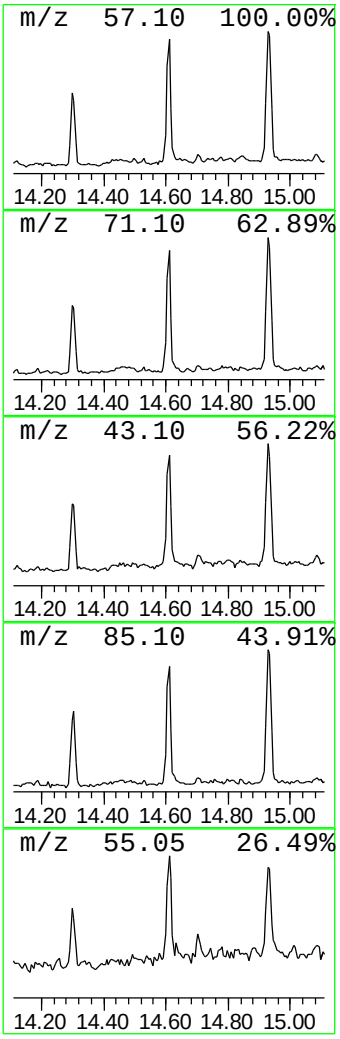
**********

Peak Number 8 Hexadecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.61 | 3.08 ng | 296075 | Chrysene-d12 | 14.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 95 |
| 2 | Decane, 3,8-dimethyl- | 170 | C12H26 | 017312-55-9 | 91 |
| 3 | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 90 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 87 |
| 5 | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 87 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

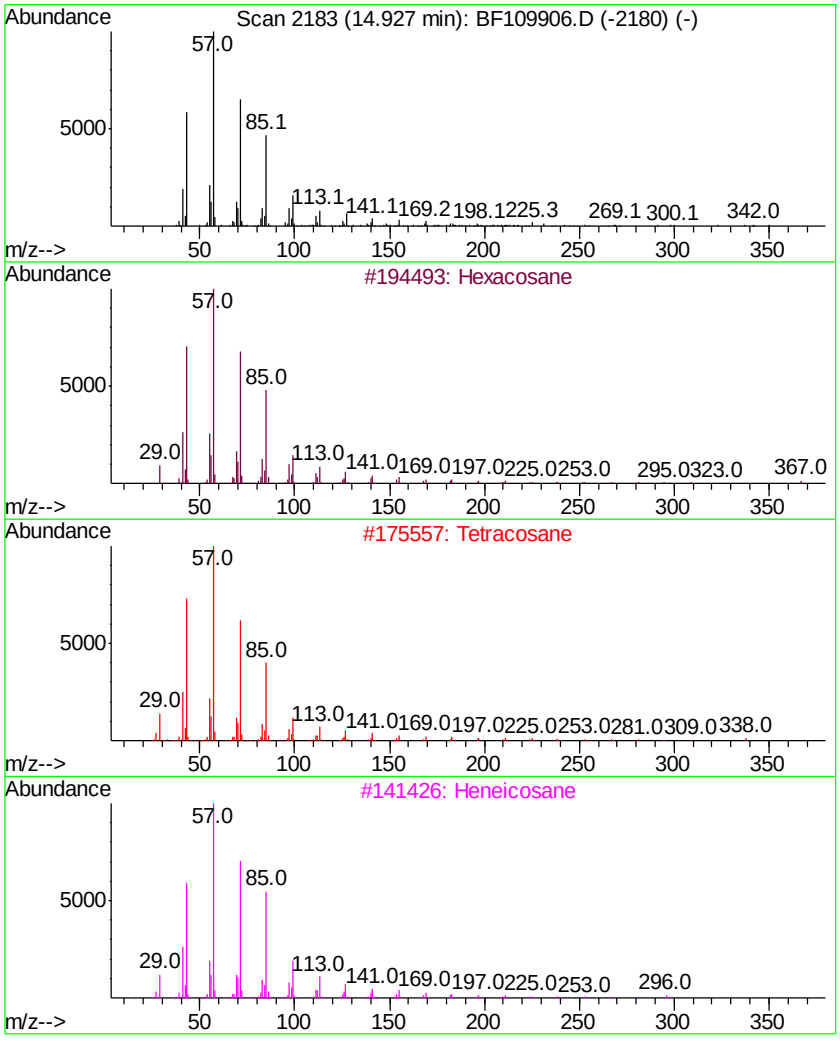
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

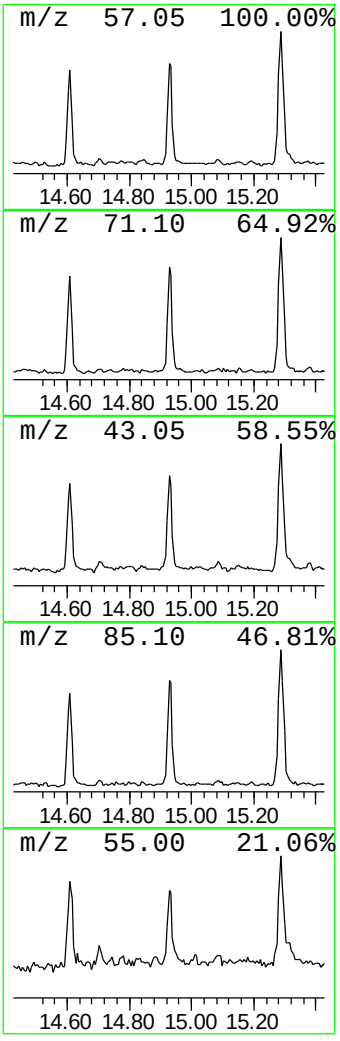
**********

Peak Number 9 Hexacosane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.93 | 2.60 ng | 280309 | Perylene-d12 | 15.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 86 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

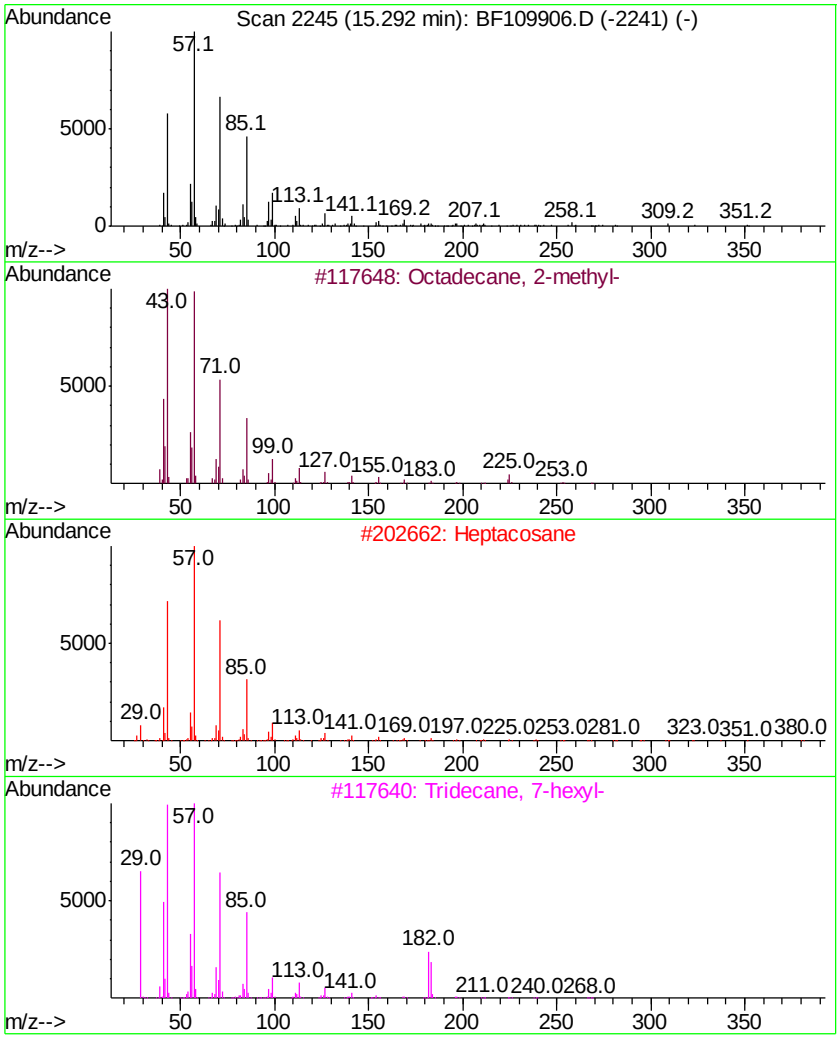
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

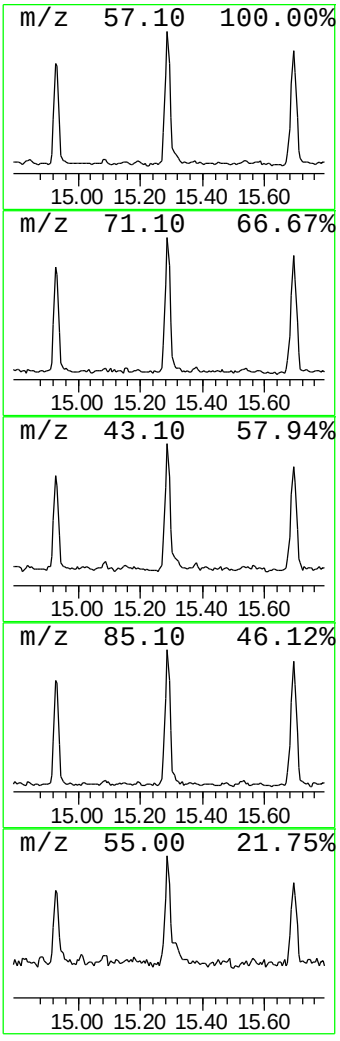
**********

Peak Number 10 Octadecane, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.29 | 3.53 ng | 379565 | Perylene-d12 | 15.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 94 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 3 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 91 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

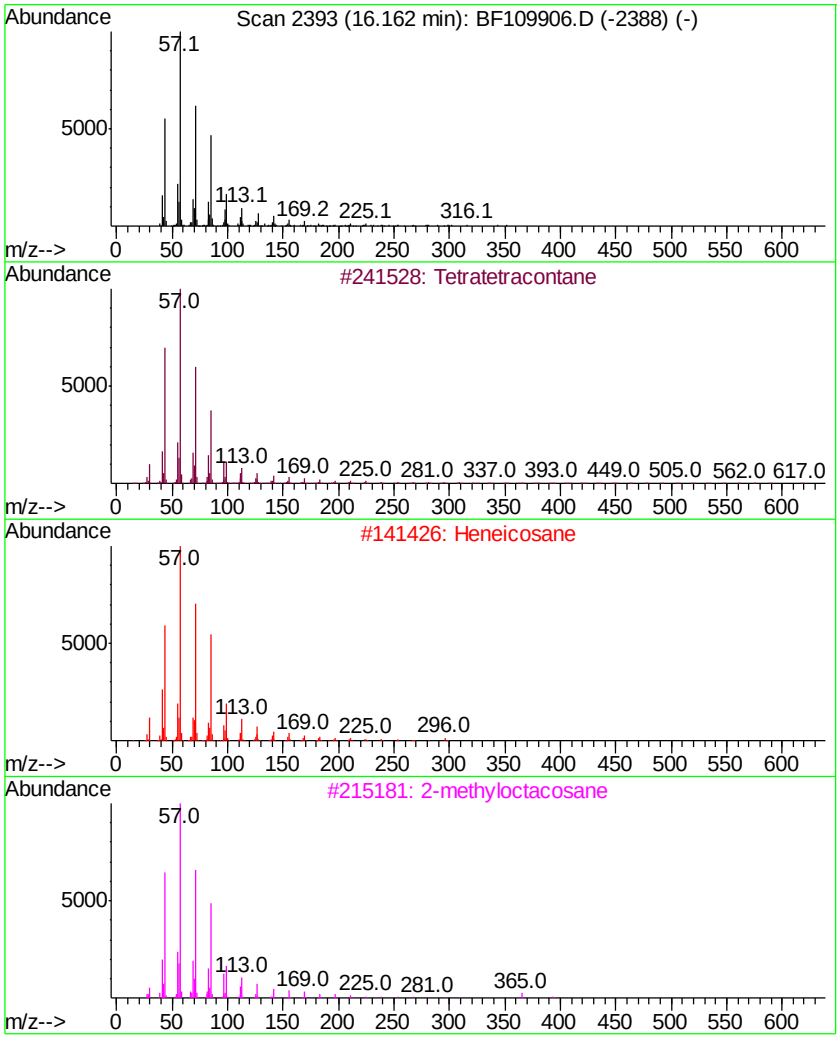
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

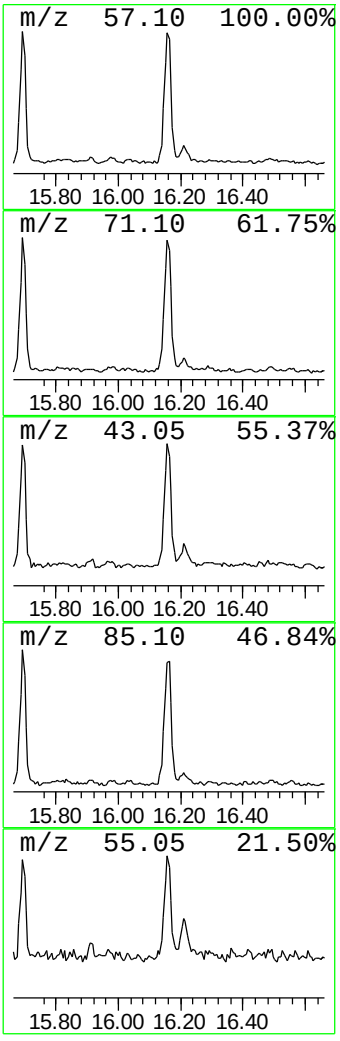
**********

Peak Number 11 Tetratetracontane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.16 | 3.49 ng | 375506 | Perylene-d12 | 15.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 5 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

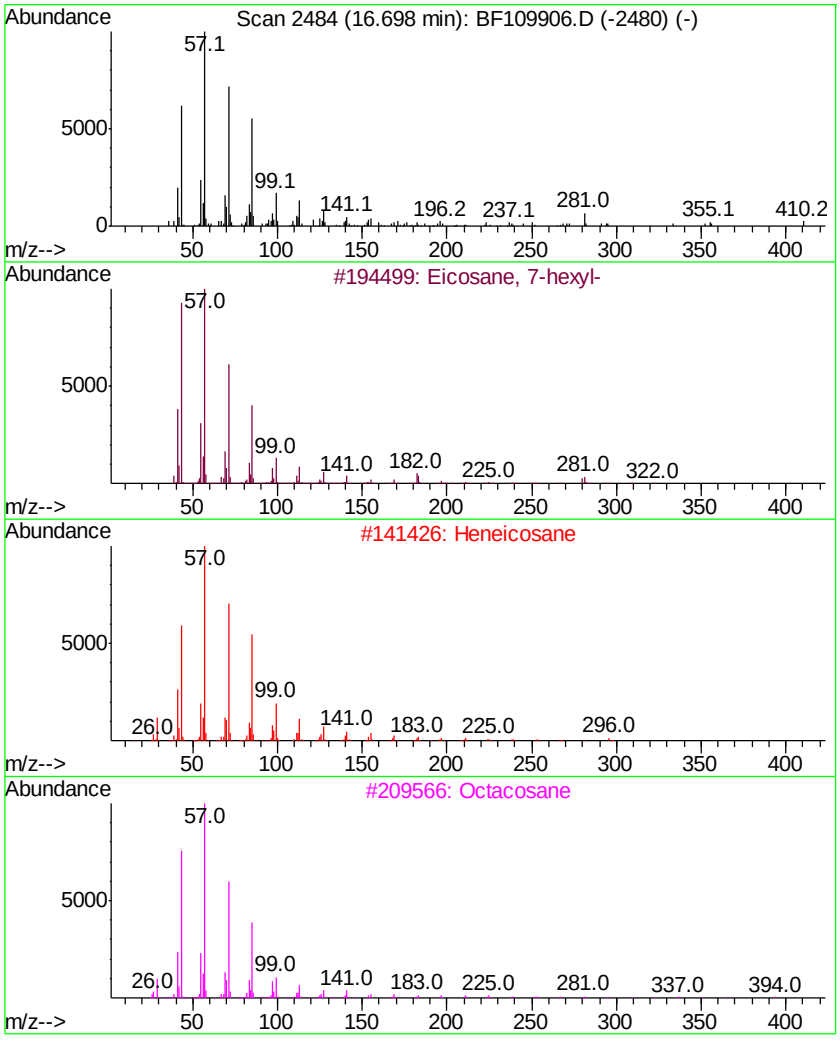
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

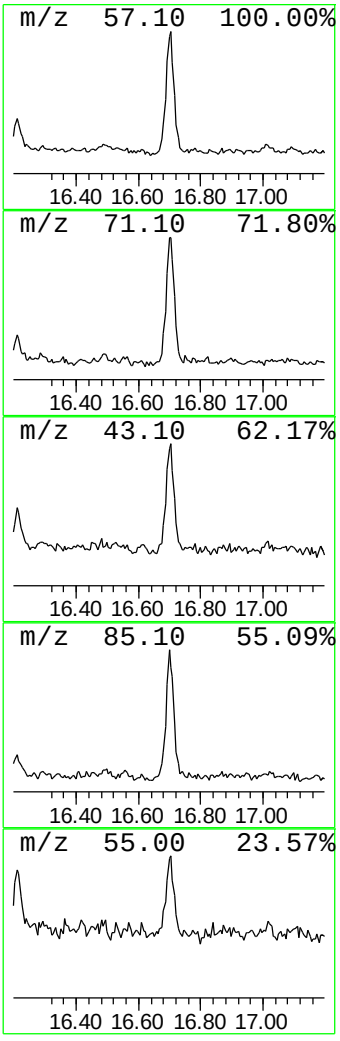
**********

Peak Number 12 Eicosane, 7-hexyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.70 | 2.38 ng | 256425 | Perylene-d12 | 15.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 5 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101618\
Data File : BF109906.D
Acq On : 16 Oct 2018 15:40
Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUP-4B-C-101518-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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 |
| Butane, 2-methoxy... | 2.33 | 13.2 | ng | 987232 | 1 | 6.98 | 1499180 | 20.0 |
| (S)-(+)-1,2-Propa... | 3.59 | 2.2 | ng | 167758 | 1 | 6.98 | 1499180 | 20.0 |
| 2-Pentanone, 4-hy... | 5.22 | 2.8 | ng | 205972 | 1 | 6.98 | 1499180 | 20.0 |
| unknown6.75 | 6.75 | 65.3 | ng | 4893490 | 1 | 6.98 | 1499180 | 20.0 |
| Cyclohexadecane | 12.54 | 2.5 | ng | 168577 | 4 | 11.51 | 1346160 | 20.0 |
| 1-Docosene | 13.97 | 5.6 | ng | 533880 | 5 | 14.16 | 1920770 | 20.0 |
| Hexadecane | 14.61 | 3.1 | ng | 296075 | 5 | 14.16 | 1920770 | 20.0 |
| Hexacosane | 14.93 | 2.6 | ng | 280309 | 6 | 15.69 | 2152680 | 20.0 |
| Octadecane, 2-met... | 15.29 | 3.5 | ng | 379565 | 6 | 15.69 | 2152680 | 20.0 |
| Tetratetracontane | 16.16 | 3.5 | ng | 375506 | 6 | 15.69 | 2152680 | 20.0 |
| Eicosane, 7-hexyl- | 16.70 | 2.4 | ng | 256425 | 6 | 15.69 | 2152680 | 20.0 |