LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

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-BF080818.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 | 2.360 | 3 | 4 | 13 | rVB | 863678 | 850498 | 24.14% | 2.424% |
| 2 | 5.248 | 492 | 495 | 506 | rVB | 109673 | 140976 | 4.00% | 0.402% |
| 3 | 5.631 | 555 | 560 | 563 | rBV | 3059618 | 2850996 | 80.92% | 8.126% |
| 4 | 6.625 | 723 | 729 | 742 | rVB | 2999561 | 3170091 | 89.97% | 9.036% |
| 5 | 6.772 | 749 | 754 | 757 | rBV | 3319546 | 3072961 | 87.22% | 8.759% |
| 6 | 7.001 | 789 | 793 | 796 | rBV | 878471 | 821532 | 23.32% | 2.342% |
| 7 | 7.154 | 815 | 819 | 823 | rBV | 2469009 | 2196750 | 62.35% | 6.261% |
| 8 | 7.560 | 883 | 888 | 891 | rBV | 1974355 | 2007690 | 56.98% | 5.723% |
| 9 | 8.283 | 1006 | 1011 | 1014 | rBV | 1151379 | 1025561 | 29.11% | 2.923% |
| 10 | 9.354 | 1188 | 1193 | 1197 | rBV | 3546508 | 3523371 | 100.00% | 10.043% |
| 11 | 9.748 | 1256 | 1260 | 1263 | rBV | 922483 | 736550 | 20.90% | 2.099% |
| 12 | 10.042 | 1306 | 1310 | 1314 | rBV2 | 1335177 | 1205725 | 34.22% | 3.437% |
| 13 | 10.836 | 1441 | 1445 | 1458 | rBV | 2465220 | 2474628 | 70.23% | 7.053% |
| 14 | 11.542 | 1560 | 1565 | 1567 | rBV | 1306196 | 1271481 | 36.09% | 3.624% |
| 15 | 11.560 | 1567 | 1568 | 1572 | rVV | 391014 | 311054 | 8.83% | 0.887% |
| 16 | 11.613 | 1575 | 1577 | 1581 | rVB | 68945 | 55542 | 1.58% | 0.158% |
| 17 | 11.766 | 1599 | 1603 | 1607 | rBV2 | 27425 | 38669 | 1.10% | 0.110% |
| 18 | 11.871 | 1618 | 1621 | 1625 | rVB | 34652 | 40300 | 1.14% | 0.115% |
| 19 | 12.042 | 1646 | 1650 | 1653 | rBV | 295835 | 270453 | 7.68% | 0.771% |
| 20 | 12.071 | 1653 | 1655 | 1660 | rVB2 | 91891 | 97348 | 2.76% | 0.277% |
| 21 | 12.154 | 1666 | 1669 | 1671 | rBV2 | 75274 | 80604 | 2.29% | 0.230% |
| 22 | 12.177 | 1671 | 1673 | 1676 | rVB | 46521 | 36040 | 1.02% | 0.103% |
| 23 | 12.336 | 1697 | 1700 | 1702 | rBV | 43043 | 37007 | 1.05% | 0.105% |
| 24 | 12.365 | 1702 | 1705 | 1709 | rVB | 39378 | 38565 | 1.09% | 0.110% |
| 25 | 12.589 | 1740 | 1743 | 1747 | rBV2 | 41846 | 62723 | 1.78% | 0.179% |
| 26 | 12.760 | 1768 | 1772 | 1776 | rBV | 524548 | 456970 | 12.97% | 1.302% |
| 27 | 12.989 | 1804 | 1811 | 1817 | rBV | 476284 | 547637 | 15.54% | 1.561% |
| 28 | 13.124 | 1830 | 1834 | 1837 | rBV | 3481519 | 3186655 | 90.44% | 9.083% |
| 29 | 13.201 | 1843 | 1847 | 1851 | rBV3 | 33255 | 49994 | 1.42% | 0.142% |
| 30 | 13.318 | 1859 | 1867 | 1868 | rBV2 | 64864 | 114497 | 3.25% | 0.326% |
| 31 | 13.424 | 1881 | 1885 | 1887 | rVB2 | 36674 | 37865 | 1.07% | 0.108% |
| 32 | 13.548 | 1903 | 1906 | 1909 | rBV2 | 39530 | 40426 | 1.15% | 0.115% |
| 33 | 13.671 | 1924 | 1927 | 1930 | rBV2 | 73185 | 72145 | 2.05% | 0.206% |
| 34 | 13.830 | 1951 | 1954 | 1957 | rVB | 37782 | 41388 | 1.17% | 0.118% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 14.007 | 1979 | 1984 | 1986 | rBV2 | 101707 | 102817 | 2.92% | 0.293% |
| 36 | 14.060 | 1986 | 1993 | 2005 | rVV4 | 95725 | 293200 | 8.32% | 0.836% |
| 37 | 14.195 | 2010 | 2016 | 2018 | rBV2 | 875833 | 1000159 | 28.39% | 2.851% |
| 38 | 14.218 | 2018 | 2020 | 2023 | rVB | 154589 | 118775 | 3.37% | 0.339% |
| 39 | 14.318 | 2035 | 2037 | 2040 | rVB | 83376 | 74980 | 2.13% | 0.214% |
| 40 | 14.630 | 2087 | 2090 | 2093 | rVB | 99793 | 95031 | 2.70% | 0.271% |
| 41 | 14.948 | 2140 | 2144 | 2149 | rVB3 | 144380 | 222207 | 6.31% | 0.633% |
| 42 | 15.036 | 2155 | 2159 | 2164 | rVB | 161627 | 171652 | 4.87% | 0.489% |
| 43 | 15.277 | 2196 | 2200 | 2204 | rBV | 123208 | 212284 | 6.03% | 0.605% |
| 44 | 15.312 | 2204 | 2206 | 2213 | rVB2 | 149736 | 171279 | 4.86% | 0.488% |
| 45 | 15.606 | 2252 | 2256 | 2264 | rVB | 84733 | 135789 | 3.85% | 0.387% |
| 46 | 15.677 | 2264 | 2268 | 2272 | rBV | 115989 | 162857 | 4.62% | 0.464% |
| 47 | 15.748 | 2272 | 2280 | 2285 | rBV | 575851 | 889752 | 25.25% | 2.536% |
| 48 | 16.201 | 2352 | 2357 | 2365 | rVB2 | 103374 | 183244 | 5.20% | 0.522% |
| 49 | 16.748 | 2446 | 2450 | 2456 | rBV | 56667 | 109909 | 3.12% | 0.313% |
| 50 | 17.359 | 2548 | 2554 | 2558 | rBV2 | 44877 | 89643 | 2.54% | 0.256% |
| 51 | 17.847 | 2631 | 2637 | 2644 | rVB2 | 37427 | 85835 | 2.44% | 0.245% |

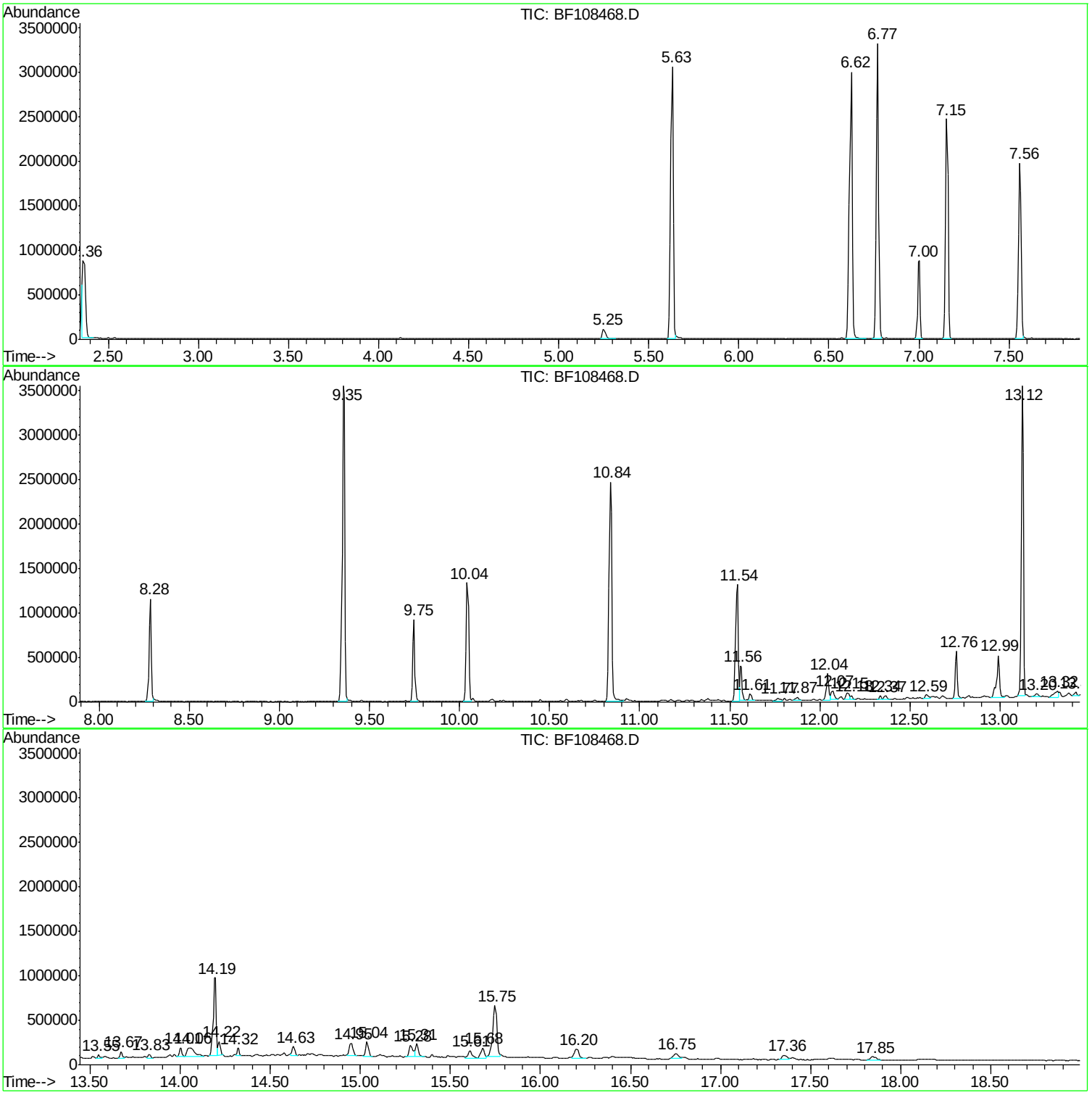
Sum of corrected areas: 35084105

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

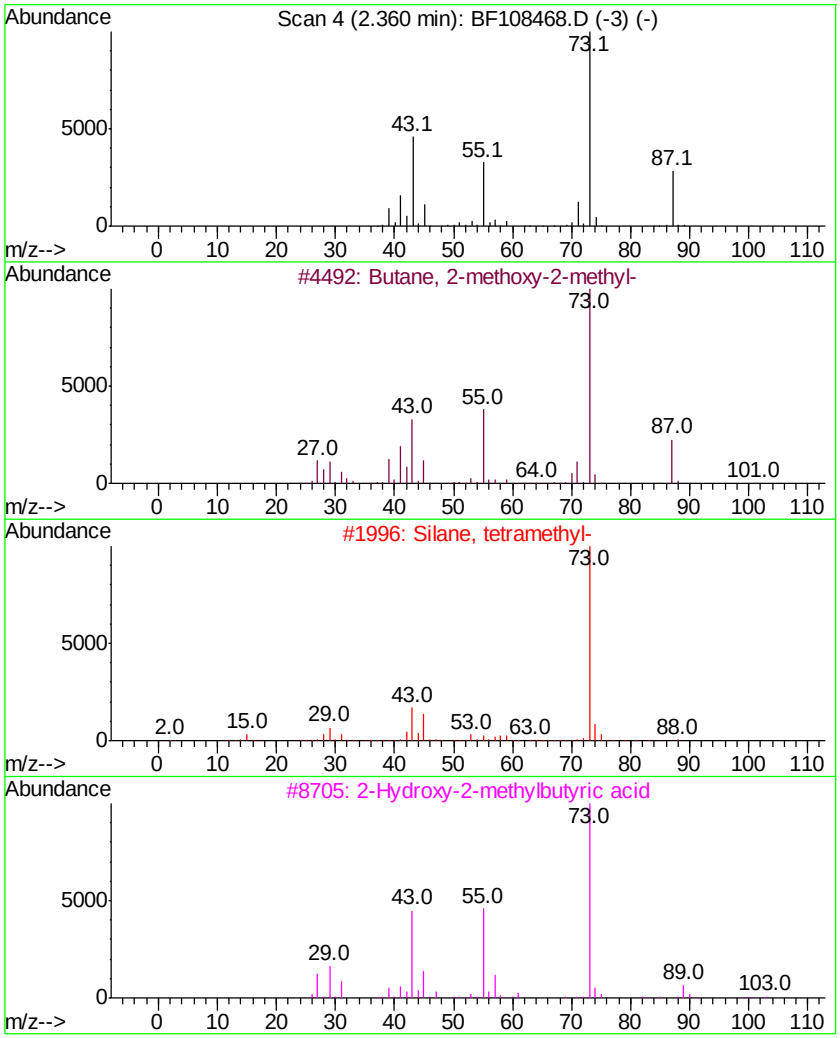
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

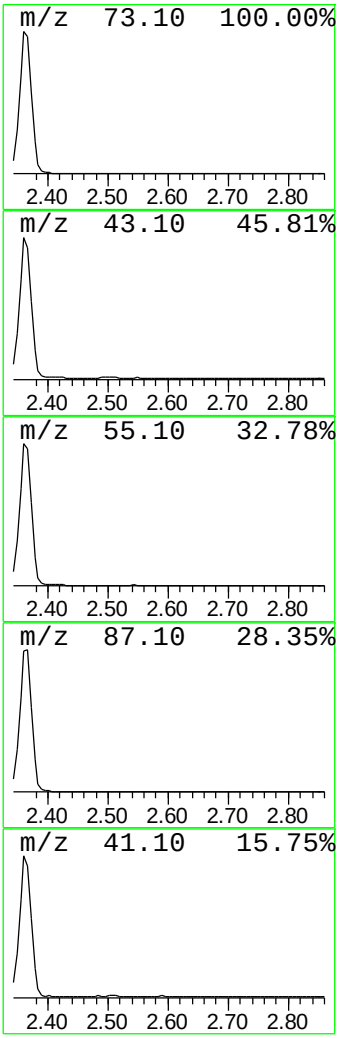
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.36 | 20.71 ng | 850498 | 1,4-Dichlorobenzene-d4 | 7.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 35 |
| 3 | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 23 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |
| 5 | Borane, dimethoxy- | 74 | C2H7BO2 | 004542-61-4 | 9 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

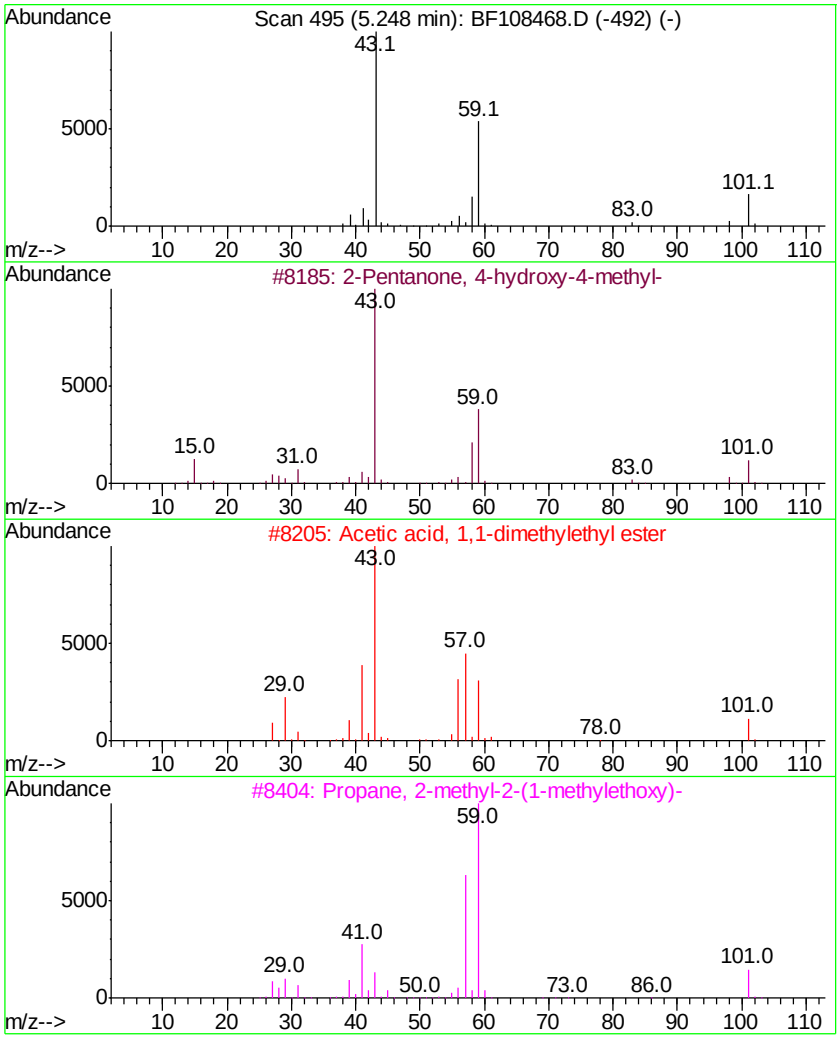
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

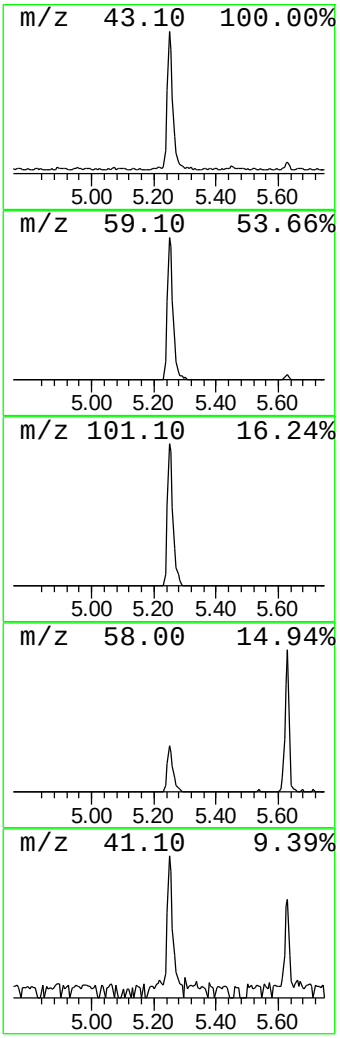
**********

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.25 | 3.43 ng | 140976 | 1,4-Dichlorobenzene-d4 | 7.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 38 |
| 3 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 36 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 5 | 2-Pentanone, 5-hydroxy- | 102 | C5H10O2 | 001071-73-4 | 9 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

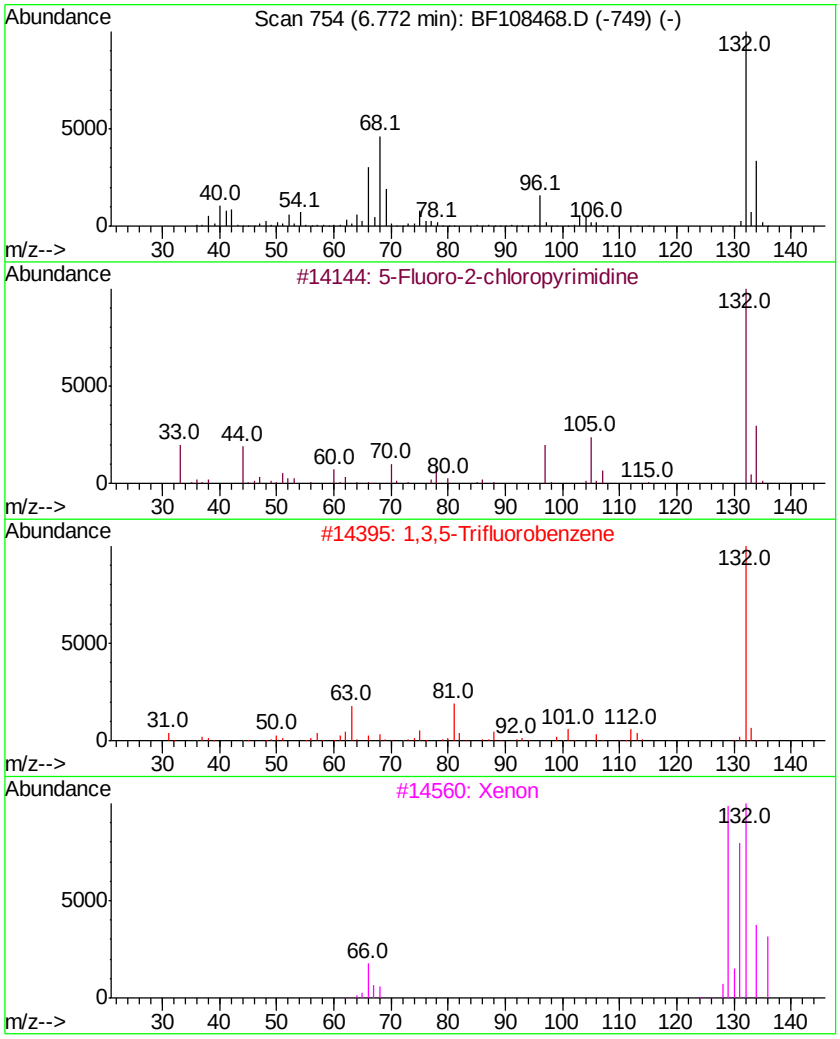
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

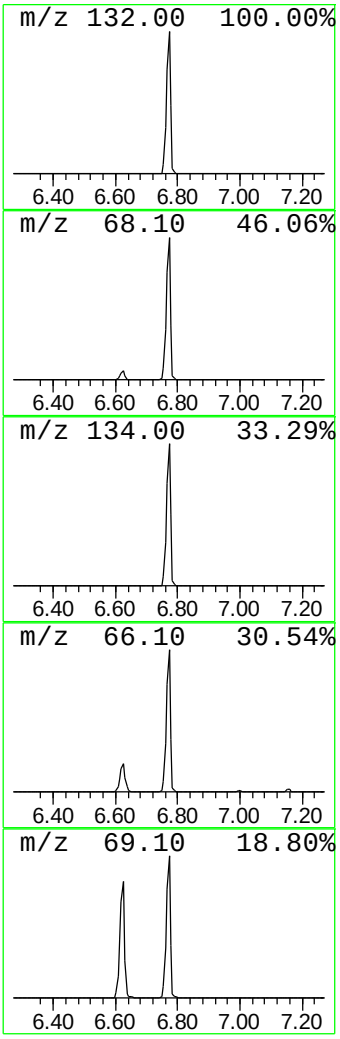
**********

Peak Number 3 unknown6.77 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.77 | 74.81 ng | 3072960 | 1,4-Dichlorobenzene-d4 | 7.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 12 |
| 2 | 1,3,5-Trifluorobenzene | 132 | C6H3F3 | 000372-38-3 | 9 |
| 3 | Xenon | 132 | Xe | 007440-63-3 | 9 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 5 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

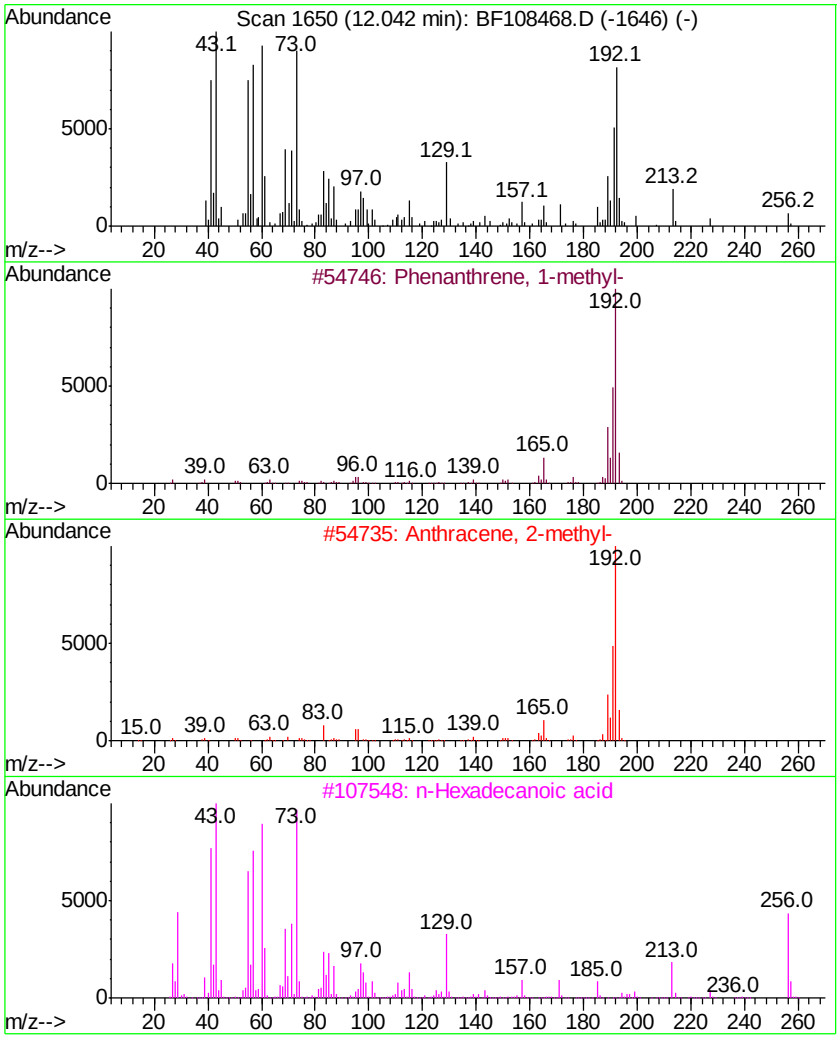
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

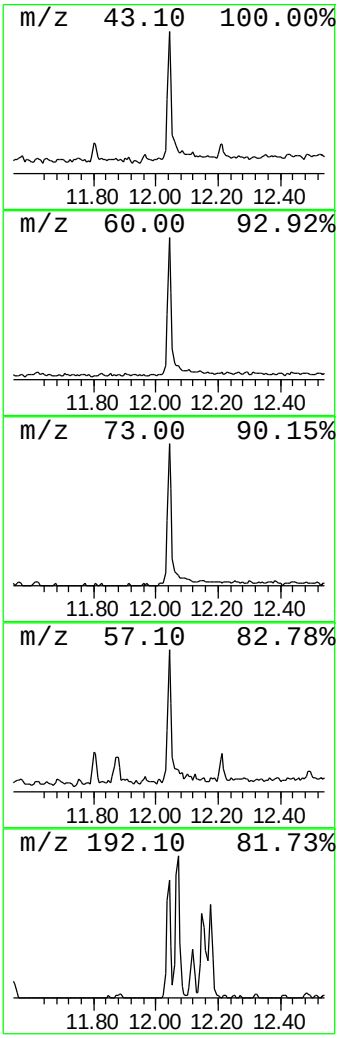
**********

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.04 | 4.25 ng | 270453 | Phenanthrene-d10 | 11.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 91 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 89 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64 |
| 5 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 60 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

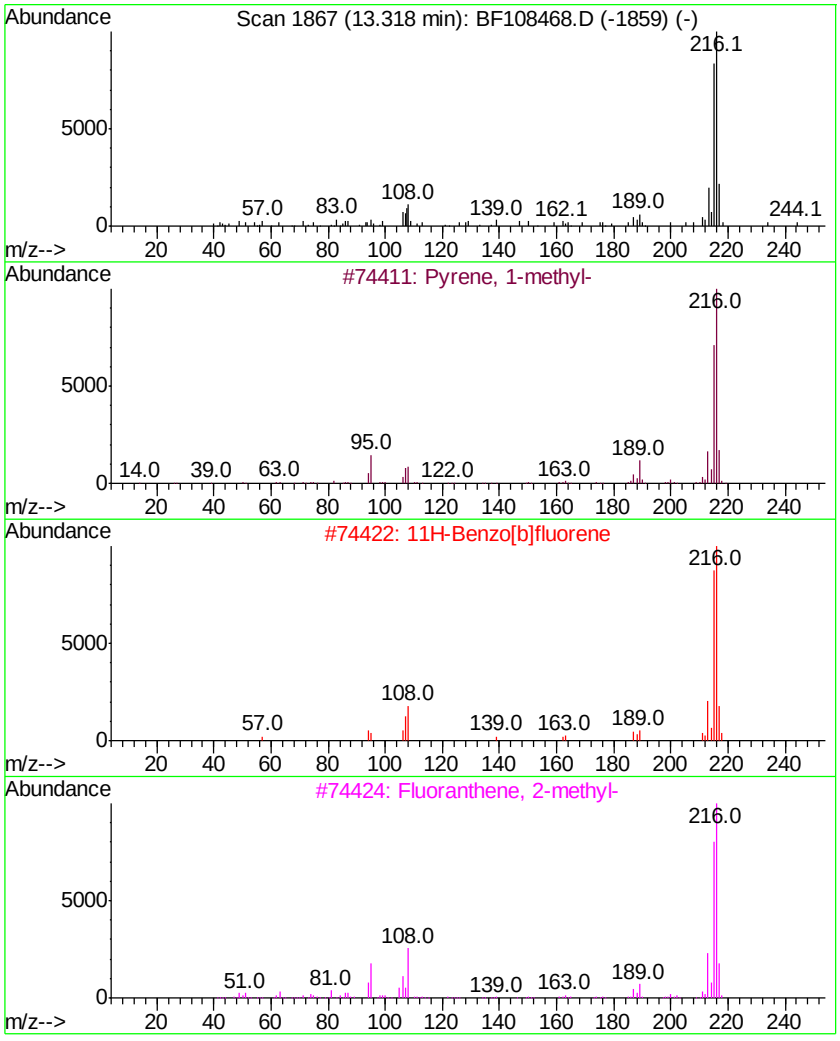
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

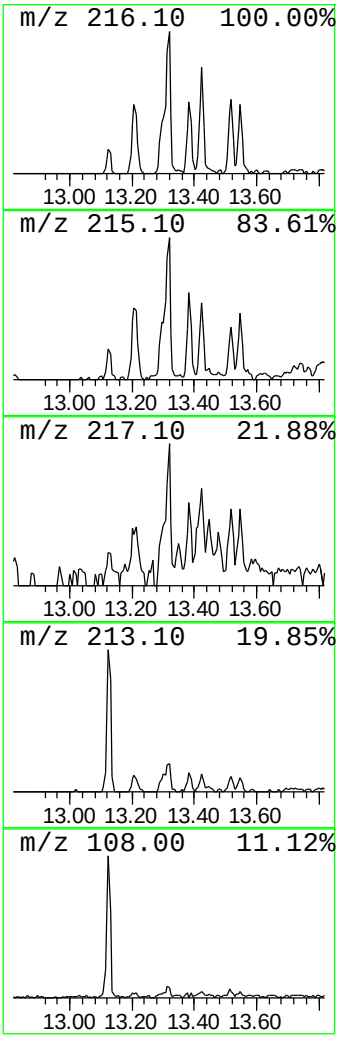
**********

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.32 | 2.29 ng | 114497 | Chrysene-d12 | 14.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 95 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 90 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

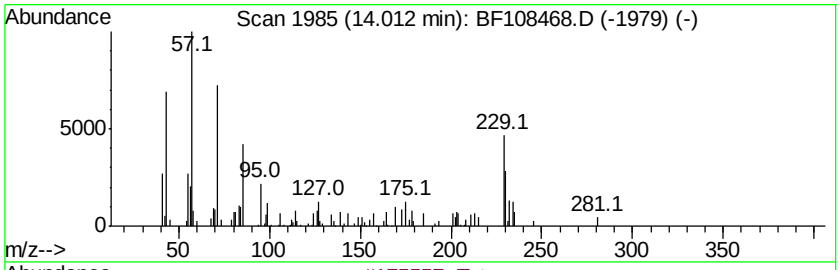
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

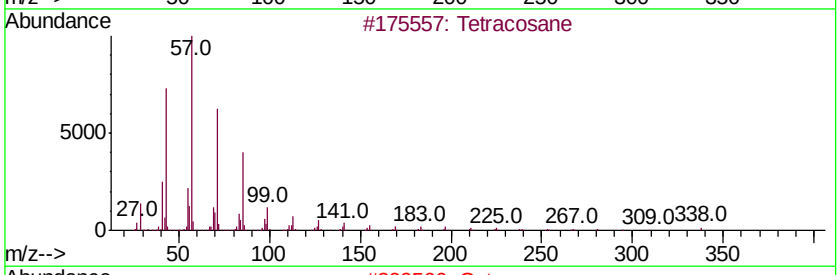
**********

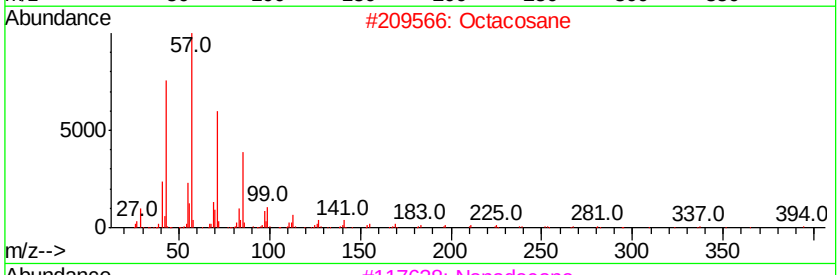
Peak Number 7 Tetracosane Concentration Rank 13

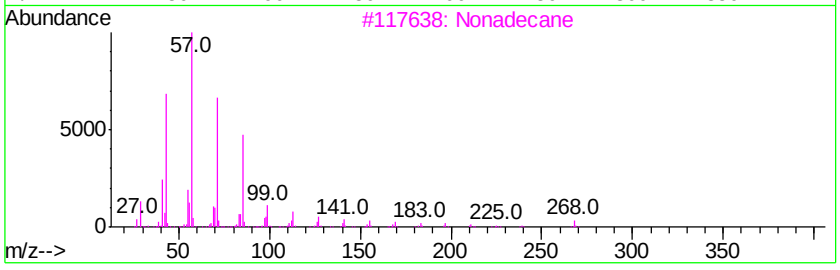
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.01 | 2.06 ng | 102817 | Chrysene-d12 | 14.19 |

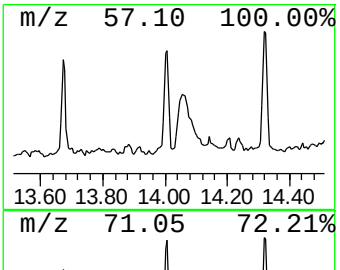
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 70 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 70 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 62 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 62 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 62 |

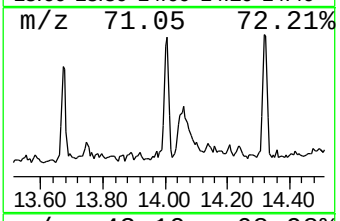


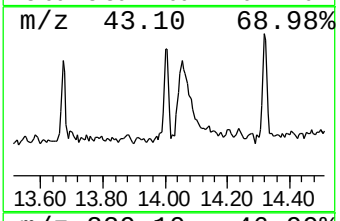



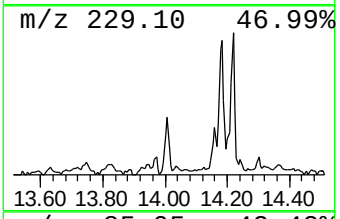



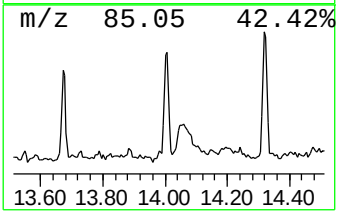



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

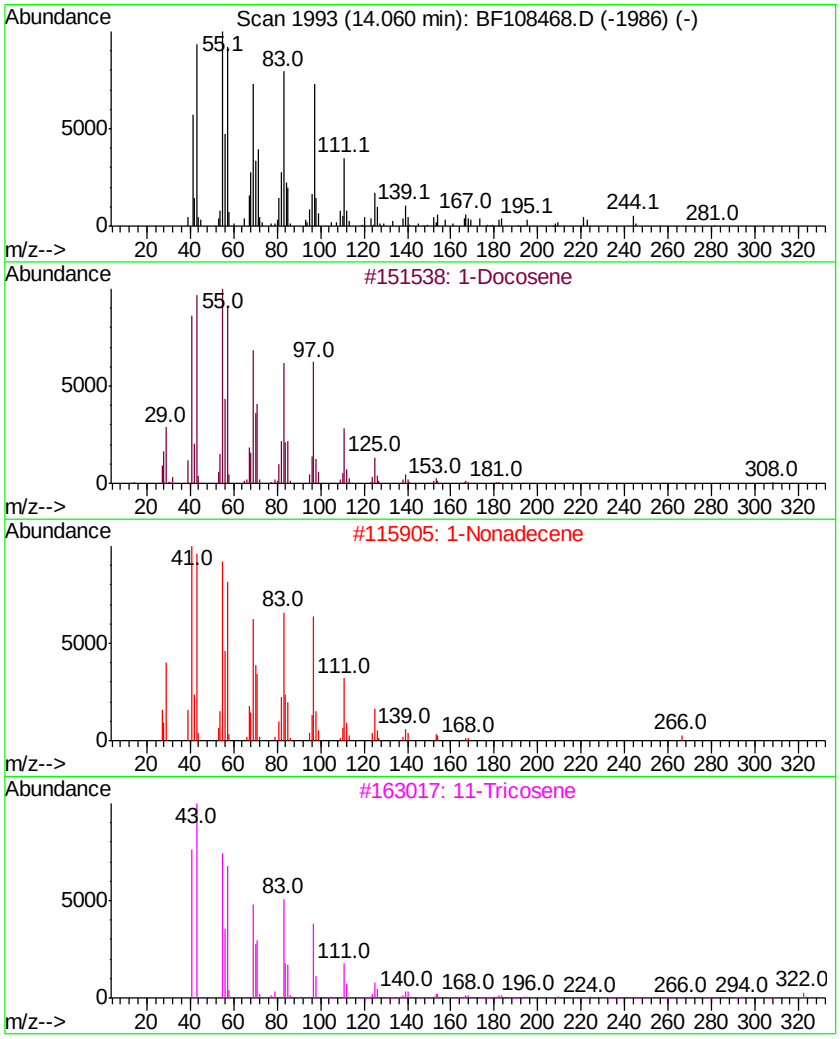
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

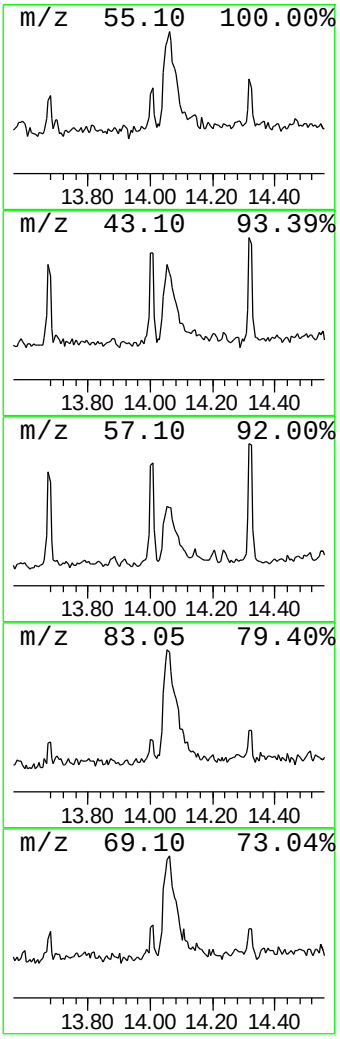
**********

Peak Number 8 1-Docosene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.06 | 5.86 ng | 293200 | Chrysene-d12 | 14.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 2 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 91 |
| 3 | 11-Tricosene | 322 | C23H46 | 052078-56-5 | 91 |
| 4 | Bromoacetic acid, hexadecyl ester | 362 | C18H35BrO2 | 005454-48-8 | 90 |
| 5 | Bromoacetic acid, pentadecyl ester | 348 | C17H33BrO2 | 131143-01-6 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

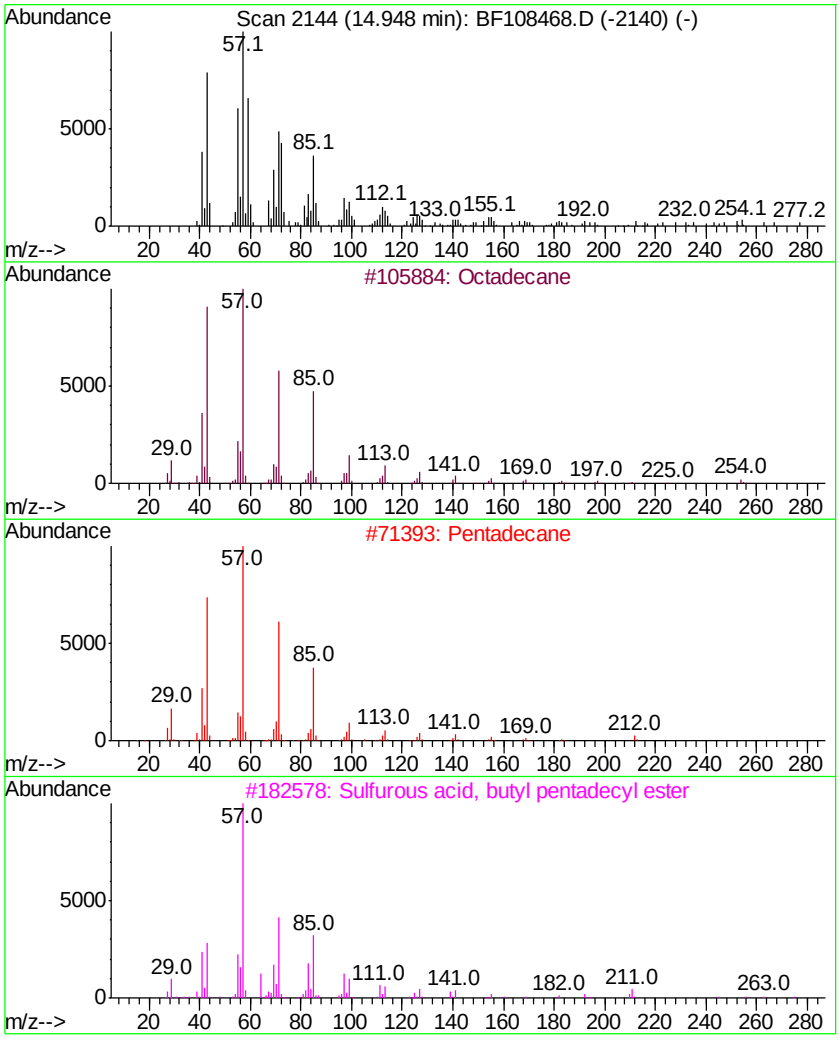
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

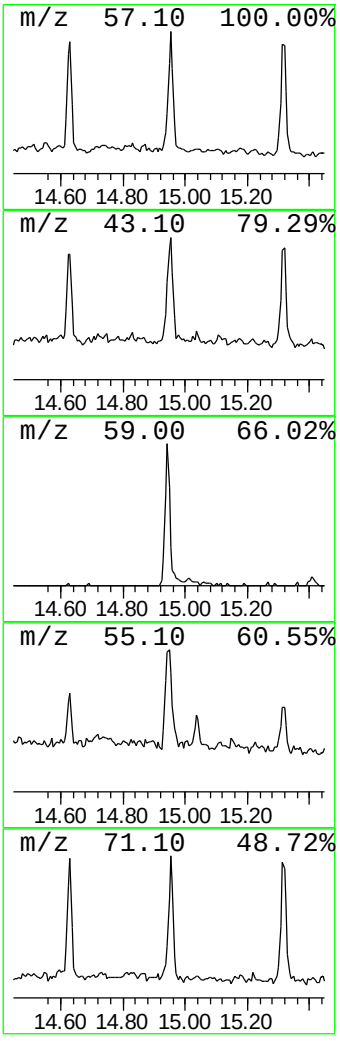
**********

Peak Number 9 Octadecane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.95 | 4.44 ng | 222207 | Chrysene-d12 | 14.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 83 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 74 |
| 3 | Sulfurous acid, butyl pentadecyl... | 348 | C19H40O3S | 1000309-18-2 | 38 |
| 4 | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1000309-18-1 | 38 |
| 5 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

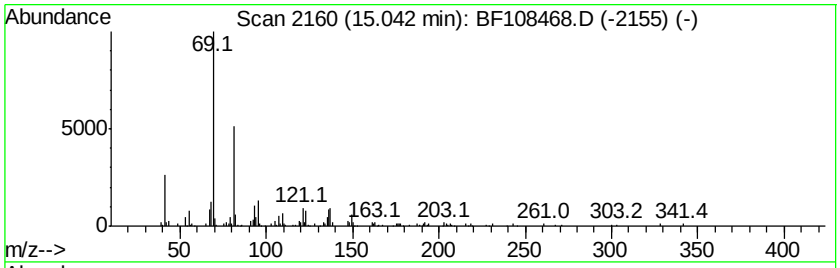
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

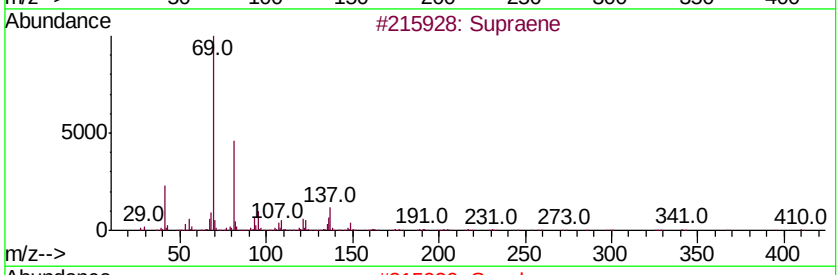
**********

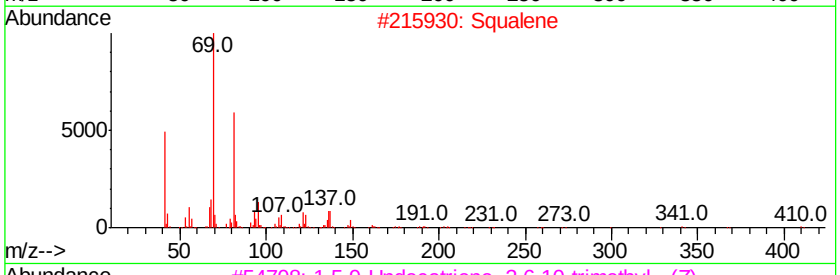
Peak Number 10 Supraene Concentration Rank 8

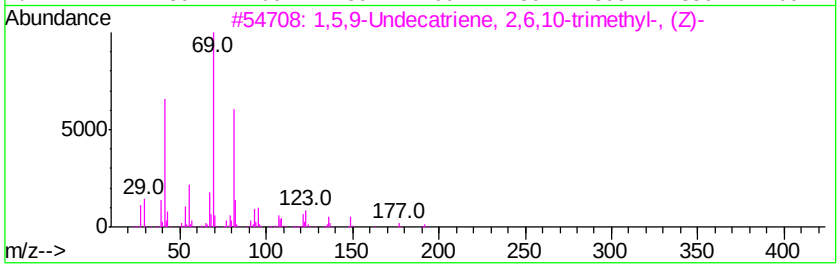
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.04 | 3.86 ng | 171652 | Perylene-d12 | 15.75 |

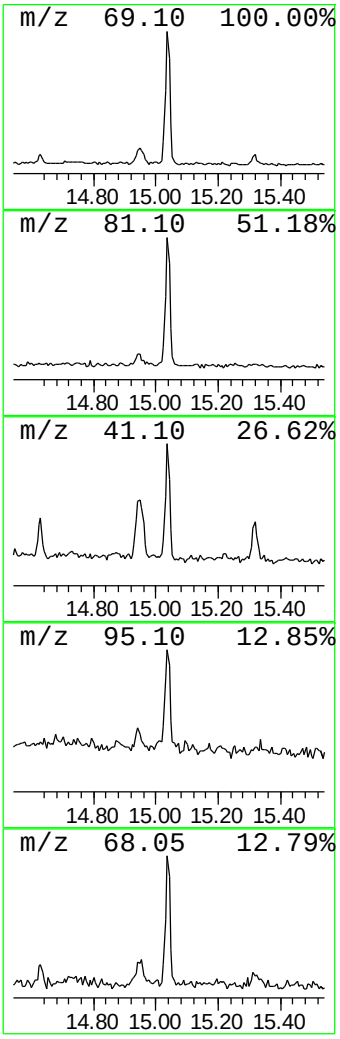
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 91 |
| 2 | Squalene | 410 | C30H50 | 000111-02-4 | 91 |
| 3 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 87 |
| 4 | trans-Farnesol | 222 | C15H26O | 000106-28-5 | 72 |
| 5 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 72 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

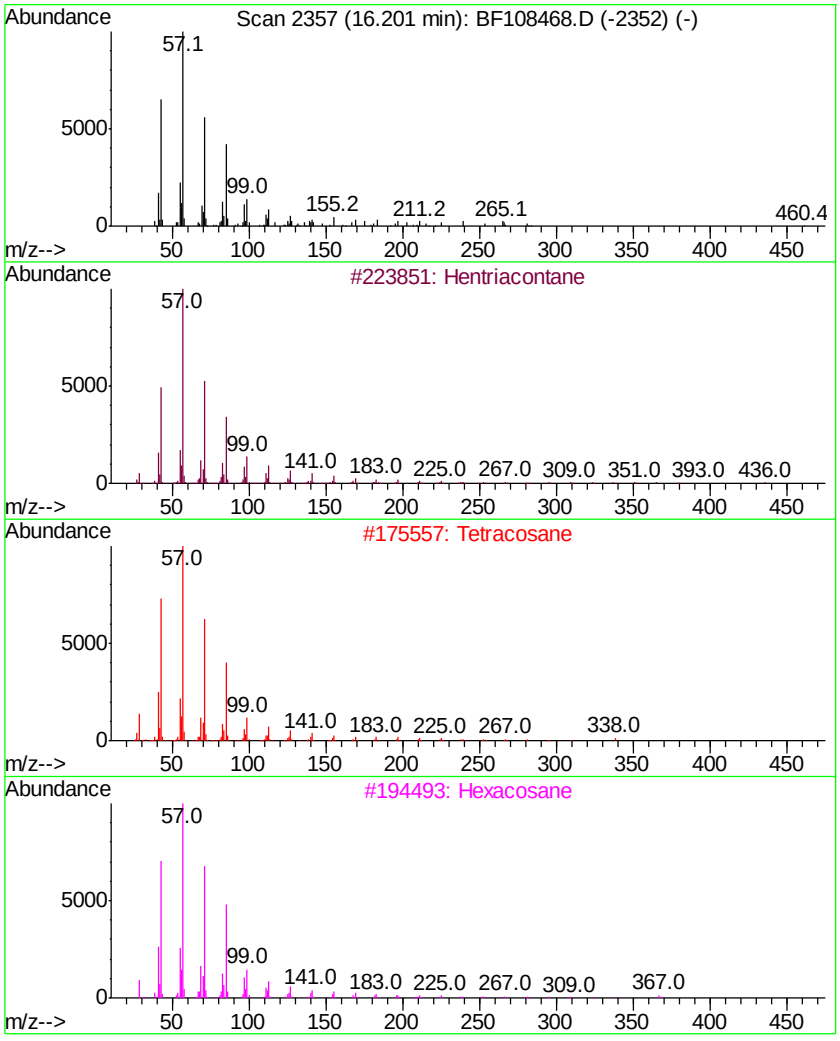
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

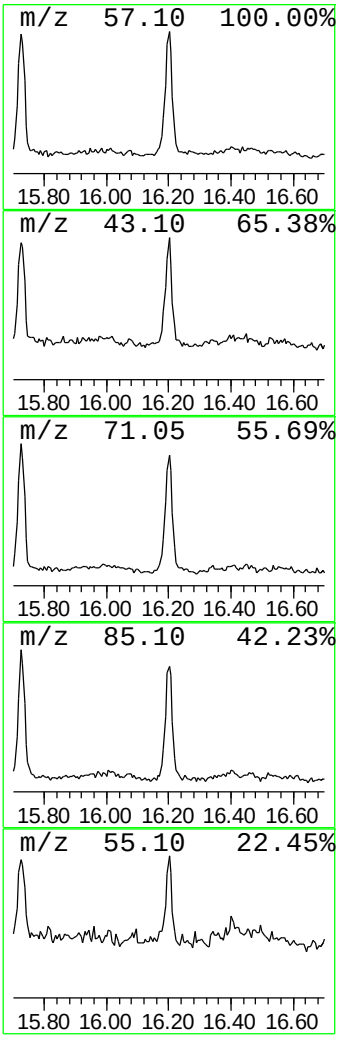
**********

Peak Number 12 Hentriacontane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.20 | 4.12 ng | 183244 | Perylene-d12 | 15.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 90 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 86 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 83 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 80 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

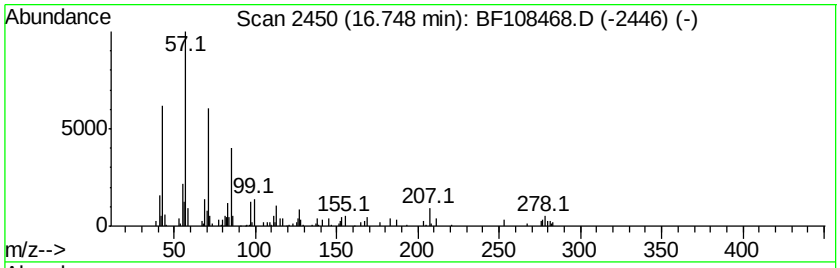
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

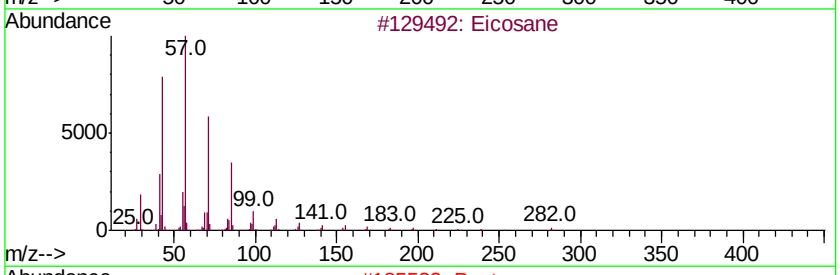
**********

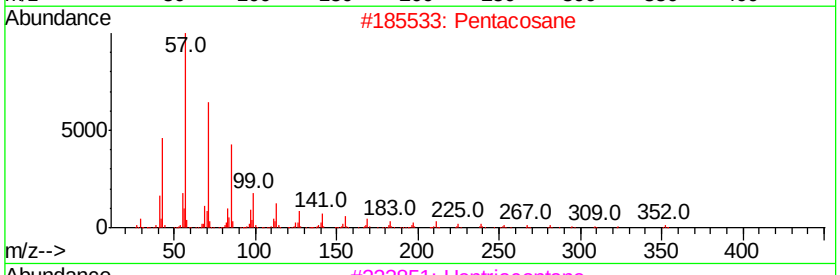
Peak Number 13 Eicosane Concentration Rank 11

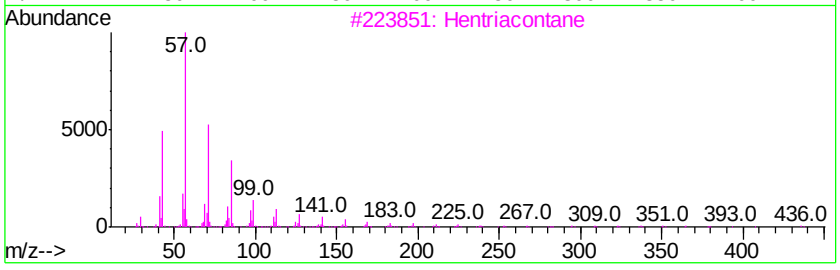
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.75 | 2.47 ng | 109909 | Perylene-d12 | 15.75 |

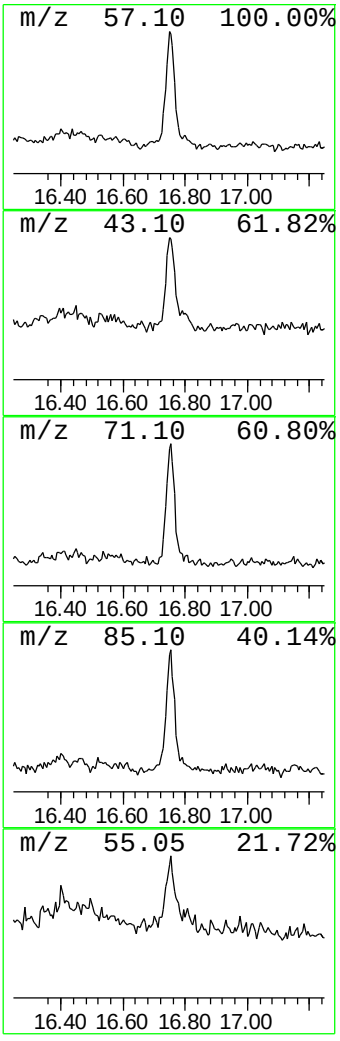
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 83 |
| 3 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 83 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 83 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 80 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** EP1-Q3-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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... | 2.36 | 20.7 | ng | 850498 | 1 | 7.00 | 821532 | 20.0 |
| 2-Pentanone, 4-hy... | 5.25 | 3.4 | ng | 140976 | 1 | 7.00 | 821532 | 20.0 |
| unknown6.77 | 6.77 | 74.8 | ng | 3072960 | 1 | 7.00 | 821532 | 20.0 |
| Phenanthrene, 1-m... | 12.04 | 4.3 | ng | 270453 | 4 | 11.54 | 1271480 | 20.0 |
| Pyrene, 1-methyl- | 13.32 | 2.3 | ng | 114497 | 5 | 14.19 | 1000160 | 20.0 |
| Tetracosane | 14.01 | 2.1 | ng | 102817 | 5 | 14.19 | 1000160 | 20.0 |
| 1-Docosene | 14.06 | 5.9 | ng | 293200 | 5 | 14.19 | 1000160 | 20.0 |
| Octadecane | 14.95 | 4.4 | ng | 222207 | 5 | 14.19 | 1000160 | 20.0 |
| Supraene | 15.04 | 3.9 | ng | 171652 | 6 | 15.75 | 889752 | 20.0 |
| Hentriacontane | 16.20 | 4.1 | ng | 183244 | 6 | 15.75 | 889752 | 20.0 |
| Eicosane | 16.75 | 2.5 | ng | 109909 | 6 | 15.75 | 889752 | 20.0 |