LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

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-BF073018.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 | 5.195 | 482 | 486 | 502 | rBV | 518254 | 722685 | 17.96% | 1.753% |
| 2 | 5.601 | 551 | 555 | 577 | rBV | 2483151 | 3563772 | 88.56% | 8.647% |
| 3 | 6.601 | 722 | 725 | 744 | rBV | 2259167 | 3690867 | 91.72% | 8.955% |
| 4 | 6.737 | 744 | 748 | 770 | rVB | 3188051 | 4024185 | 100.00% | 9.764% |
| 5 | 6.960 | 783 | 786 | 792 | rBV | 750747 | 917857 | 22.81% | 2.227% |
| 6 | 7.113 | 808 | 812 | 846 | rVB | 2788299 | 3226249 | 80.17% | 7.828% |
| 7 | 7.525 | 878 | 882 | 905 | rBV | 1553976 | 2547804 | 63.31% | 6.182% |
| 8 | 8.242 | 1000 | 1004 | 1022 | rBV | 1119484 | 1456197 | 36.19% | 3.533% |
| 9 | 9.313 | 1182 | 1186 | 1202 | rBV | 3241653 | 3739741 | 92.93% | 9.074% |
| 10 | 9.707 | 1248 | 1253 | 1260 | rVV | 194321 | 210474 | 5.23% | 0.511% |
| 11 | 9.866 | 1275 | 1280 | 1284 | rBV | 41762 | 59555 | 1.48% | 0.145% |
| 12 | 10.001 | 1299 | 1303 | 1318 | rBV | 1212390 | 1361715 | 33.84% | 3.304% |
| 13 | 10.407 | 1366 | 1372 | 1376 | rBV | 37811 | 40339 | 1.00% | 0.098% |
| 14 | 10.795 | 1434 | 1438 | 1450 | rBV | 1595796 | 2082991 | 51.76% | 5.054% |
| 15 | 10.877 | 1450 | 1452 | 1458 | rVB4 | 43029 | 83936 | 2.09% | 0.204% |
| 16 | 11.389 | 1537 | 1539 | 1551 | rVB | 22994 | 54837 | 1.36% | 0.133% |
| 17 | 11.495 | 1553 | 1557 | 1559 | rBV | 961020 | 967658 | 24.05% | 2.348% |
| 18 | 11.519 | 1559 | 1561 | 1568 | rVV | 530138 | 691166 | 17.18% | 1.677% |
| 19 | 11.572 | 1568 | 1570 | 1587 | rVB2 | 91705 | 214639 | 5.33% | 0.521% |
| 20 | 11.860 | 1616 | 1619 | 1624 | rVB | 66036 | 60397 | 1.50% | 0.147% |
| 21 | 12.001 | 1639 | 1643 | 1645 | rBV | 199457 | 233737 | 5.81% | 0.567% |
| 22 | 12.024 | 1645 | 1647 | 1652 | rVB | 108771 | 136863 | 3.40% | 0.332% |
| 23 | 12.107 | 1658 | 1661 | 1664 | rBV2 | 109735 | 145988 | 3.63% | 0.354% |
| 24 | 12.295 | 1689 | 1693 | 1696 | rBV | 63336 | 85748 | 2.13% | 0.208% |
| 25 | 12.324 | 1696 | 1698 | 1702 | rVB2 | 31970 | 42370 | 1.05% | 0.103% |
| 26 | 12.548 | 1733 | 1736 | 1738 | rBV3 | 209815 | 233783 | 5.81% | 0.567% |
| 27 | 12.571 | 1738 | 1740 | 1744 | rVV3 | 214675 | 243701 | 6.06% | 0.591% |
| 28 | 12.636 | 1748 | 1751 | 1758 | rBV6 | 64048 | 137641 | 3.42% | 0.334% |
| 29 | 12.713 | 1760 | 1764 | 1773 | rBV | 878510 | 1005362 | 24.98% | 2.439% |
| 30 | 12.942 | 1797 | 1803 | 1809 | rBV | 881230 | 1156066 | 28.73% | 2.805% |
| 31 | 13.077 | 1822 | 1826 | 1836 | rBV | 2518468 | 2722643 | 67.66% | 6.606% |
| 32 | 13.254 | 1852 | 1856 | 1857 | rBV2 | 116143 | 132643 | 3.30% | 0.322% |
| 33 | 13.342 | 1868 | 1871 | 1872 | rBV | 43743 | 47077 | 1.17% | 0.114% |
| 34 | 13.471 | 1890 | 1893 | 1895 | rBV | 80216 | 85239 | 2.12% | 0.207% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.624 | 1917 | 1919 | 1921 | rBV | 78663 | 61856 | 1.54% | 0.150% |
| 36 | 13.895 | 1963 | 1965 | 1967 | rBV | 78189 | 84134 | 2.09% | 0.204% |
| 37 | 13.954 | 1972 | 1975 | 1980 | rVV3 | 291980 | 343665 | 8.54% | 0.834% |
| 38 | 14.148 | 2003 | 2008 | 2011 | rBV2 | 1295080 | 1893303 | 47.05% | 4.594% |
| 39 | 15.224 | 2188 | 2191 | 2194 | rBV | 323749 | 494177 | 12.28% | 1.199% |
| 40 | 15.548 | 2243 | 2246 | 2251 | rBV | 203730 | 257223 | 6.39% | 0.624% |
| 41 | 15.618 | 2254 | 2258 | 2262 | rVV | 318746 | 565146 | 14.04% | 1.371% |
| 42 | 15.683 | 2265 | 2269 | 2282 | rVB | 733807 | 1388899 | 34.51% | 3.370% |

Sum of corrected areas: 41214328

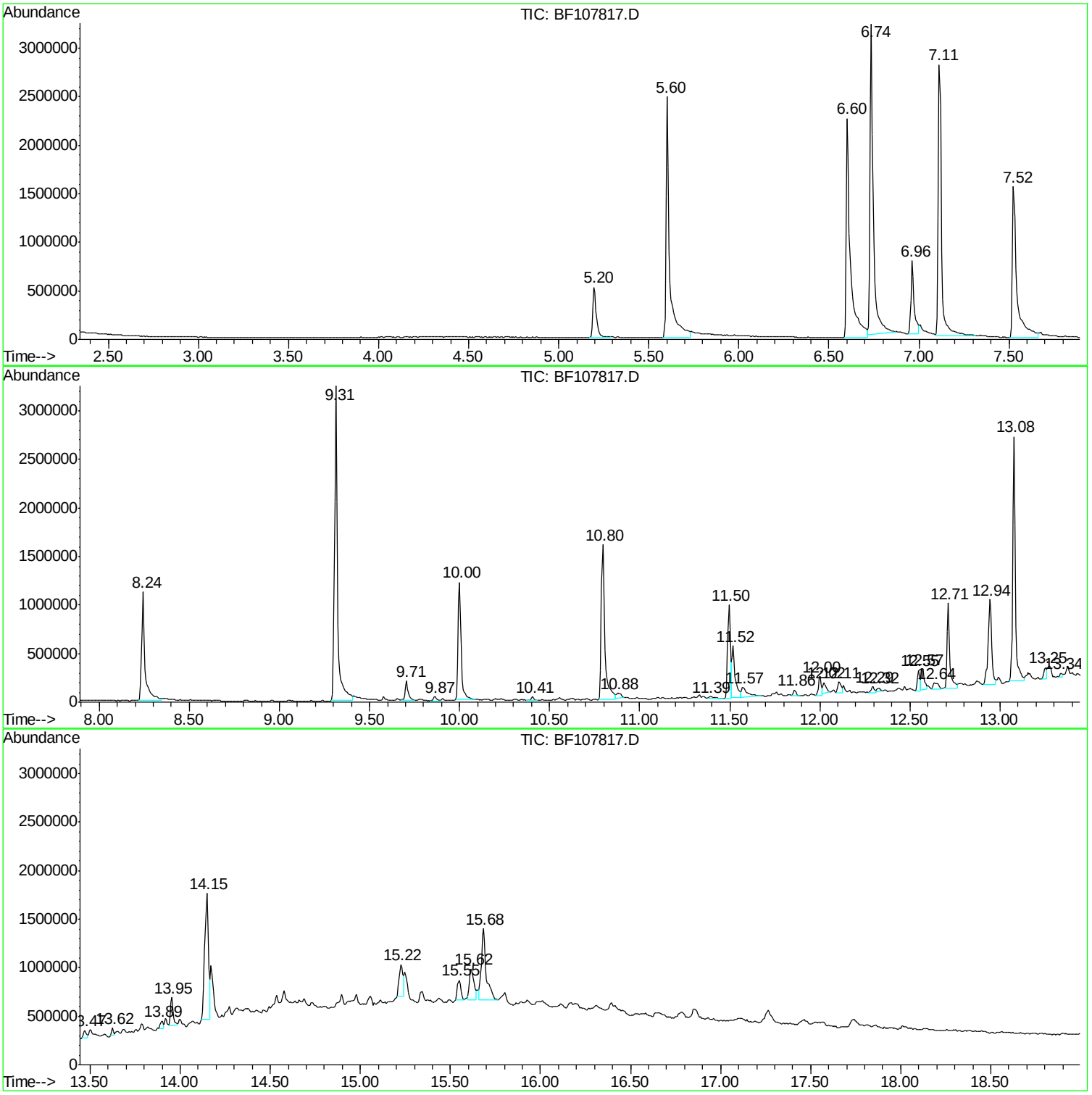
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

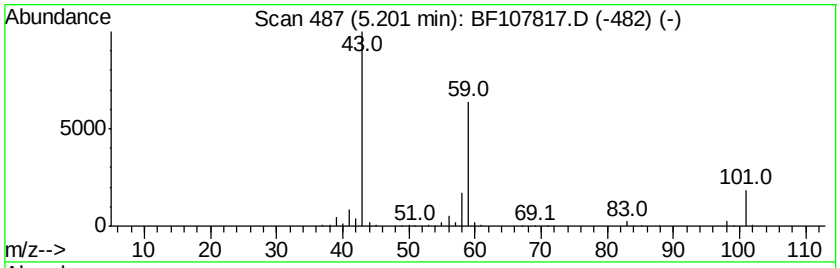
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

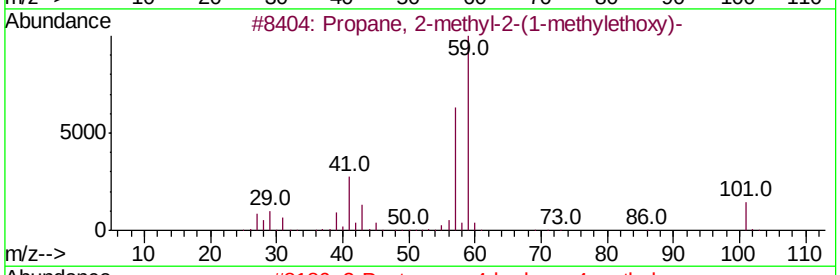
**********

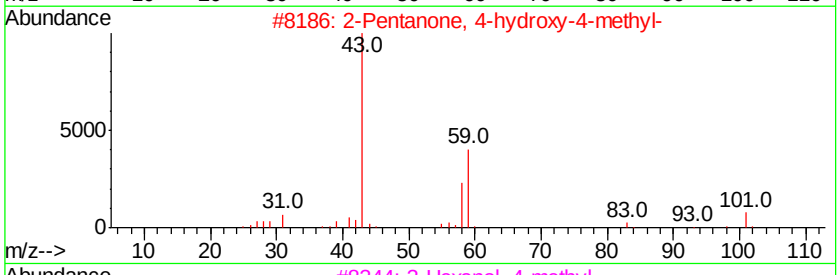
Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

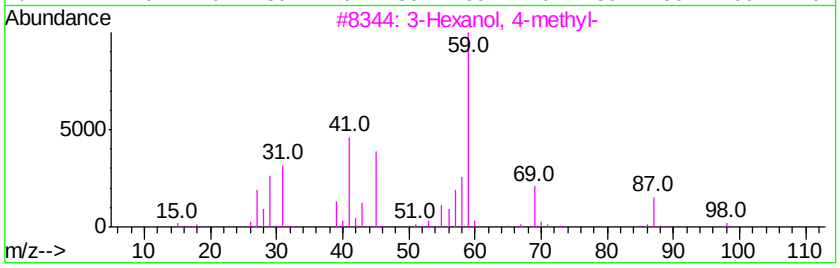
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.20 | 15.75 ng | 722685 | 1,4-Dichlorobenzene-d4 | 6.96 |

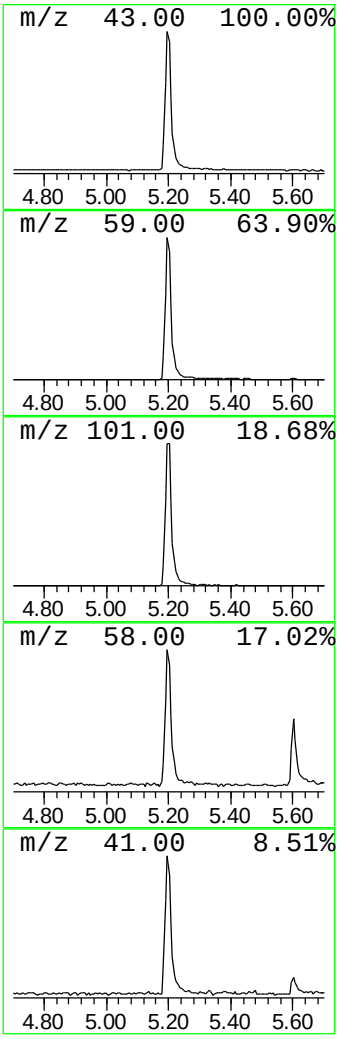
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 53 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 32 |
| 5 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

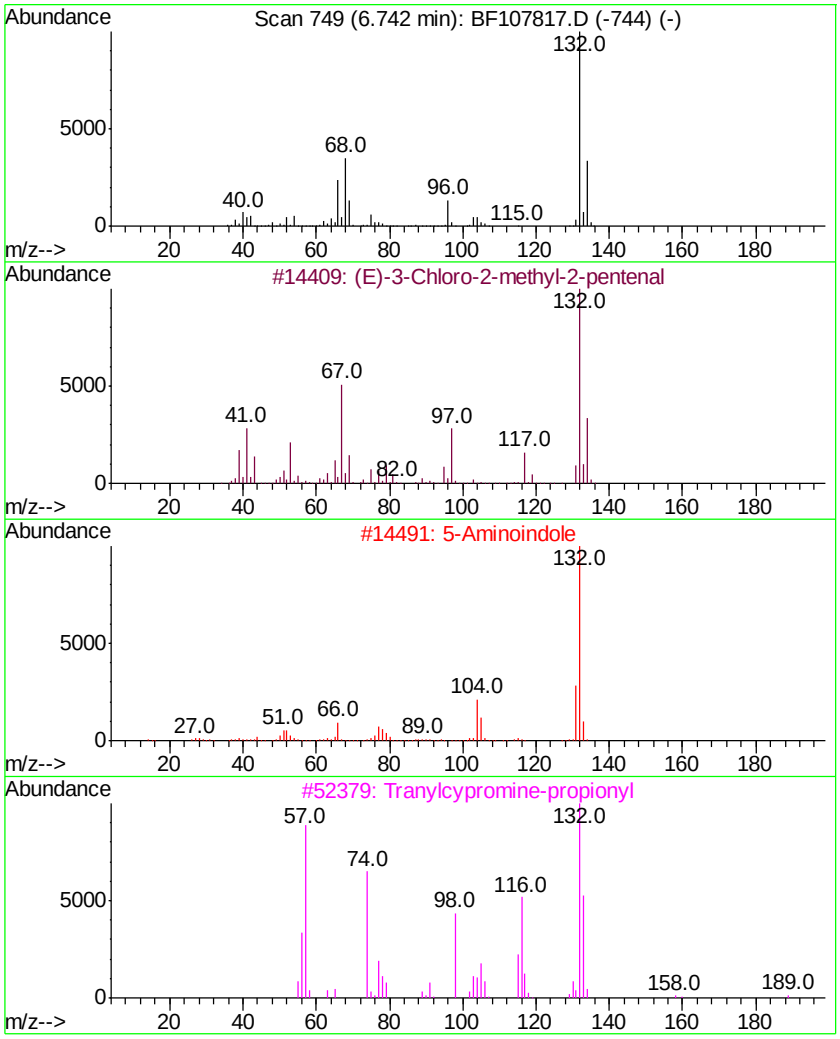
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

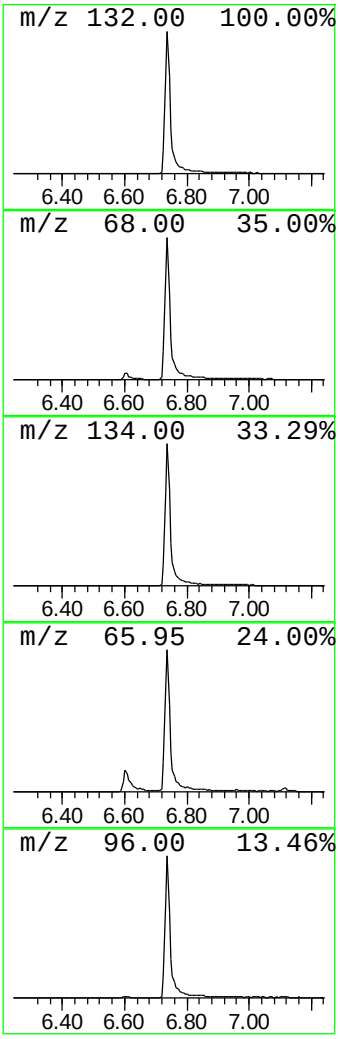
**********

Peak Number 2 unknown6.74 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.74 | 87.69 ng | 4024190 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 16 |
| 2 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 5 | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2 | 022291-85-6 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

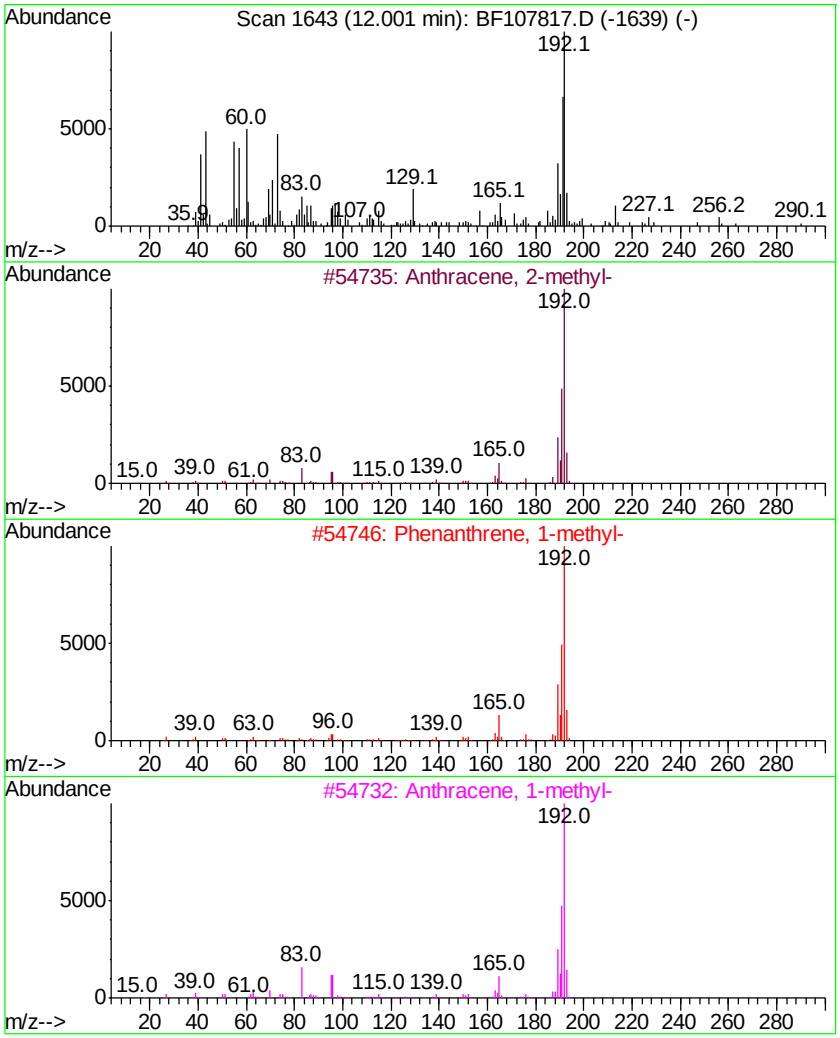
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

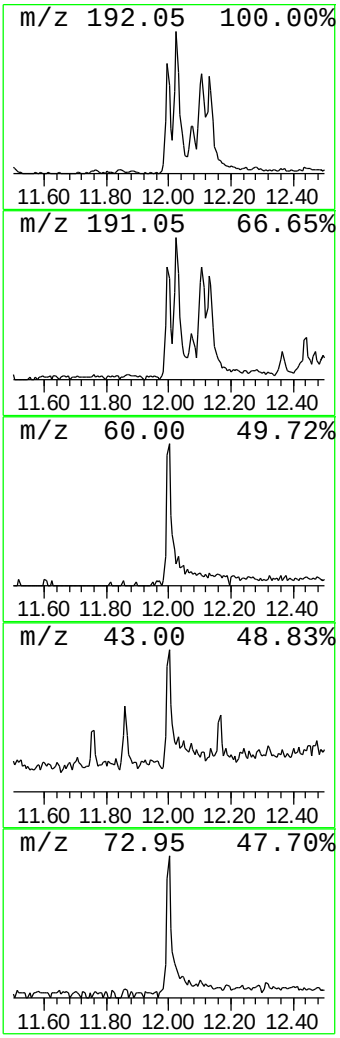
**********

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.00 | 4.83 ng | 233737 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |
| 4 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 90 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

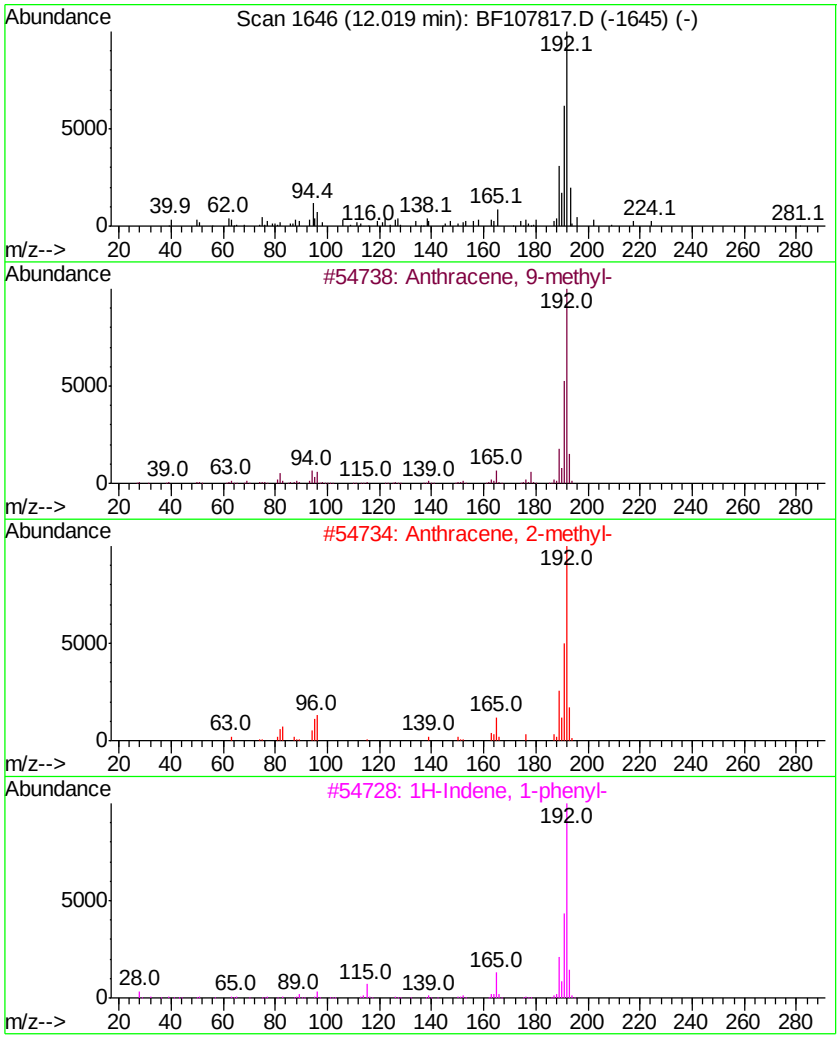
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

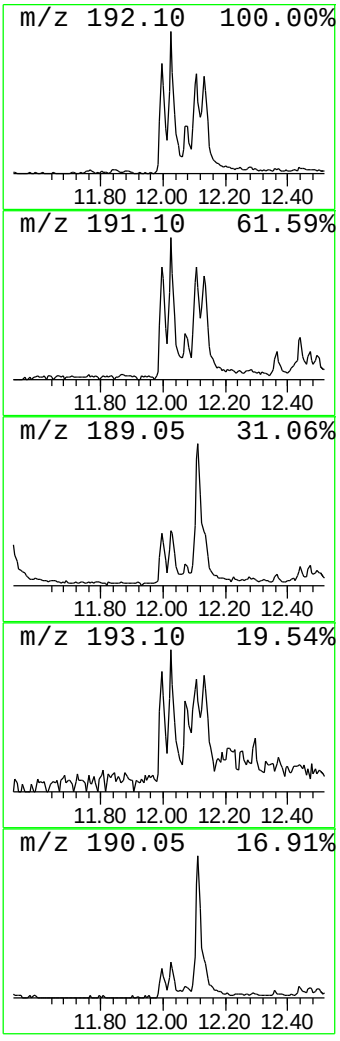
**********

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.02 | 2.83 ng | 136863 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 91 |
| 3 | 1H-Indene, 1-phenyl- | 192 | C15H12 | 001961-96-2 | 87 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 87 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 87 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

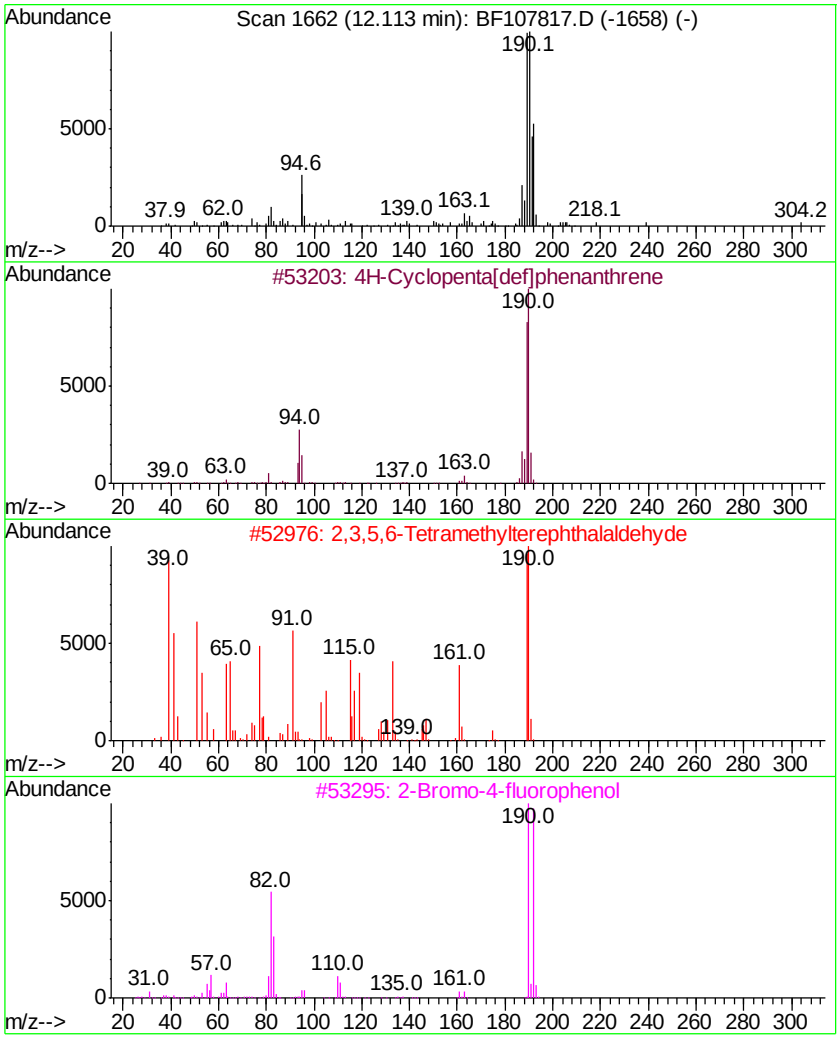
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

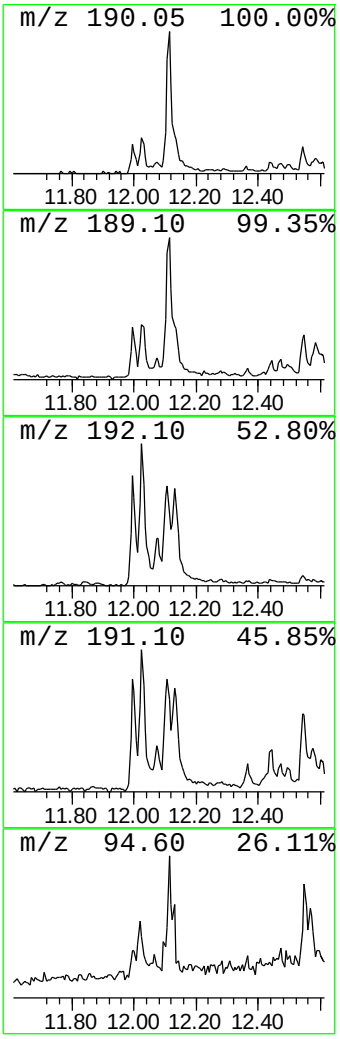
**********

Peak Number 6 unknown12.11 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.11 | 3.02 ng | 145988 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 43 |
| 2 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 38 |
| 3 | 2-Bromo-4-fluorophenol | 190 | C6H4BrFO | 000496-69-5 | 35 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 30 |
| 5 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 30 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

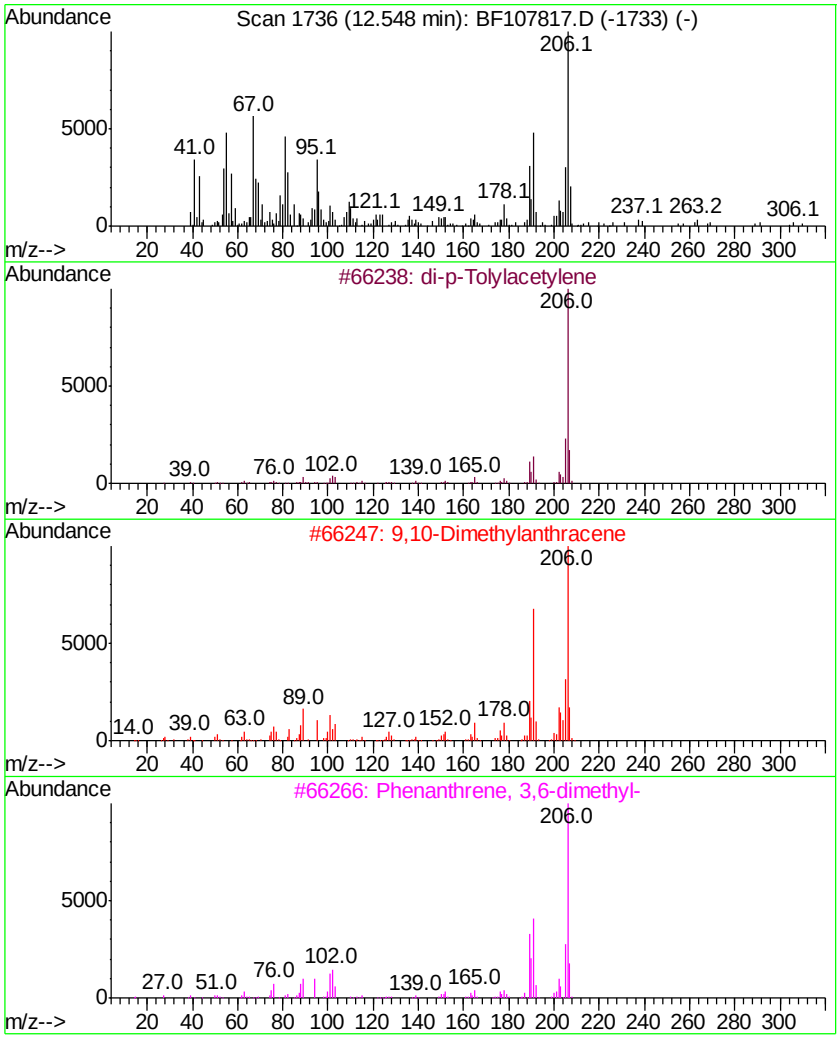
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

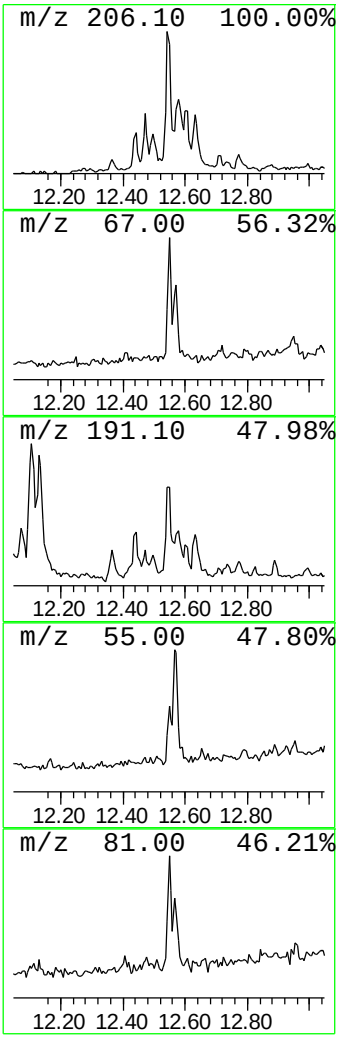
**********

Peak Number 7 di-p-Tolylacetylene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.55 | 4.83 ng | 233783 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 91 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 86 |
| 3 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 86 |
| 4 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 78 |
| 5 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 64 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

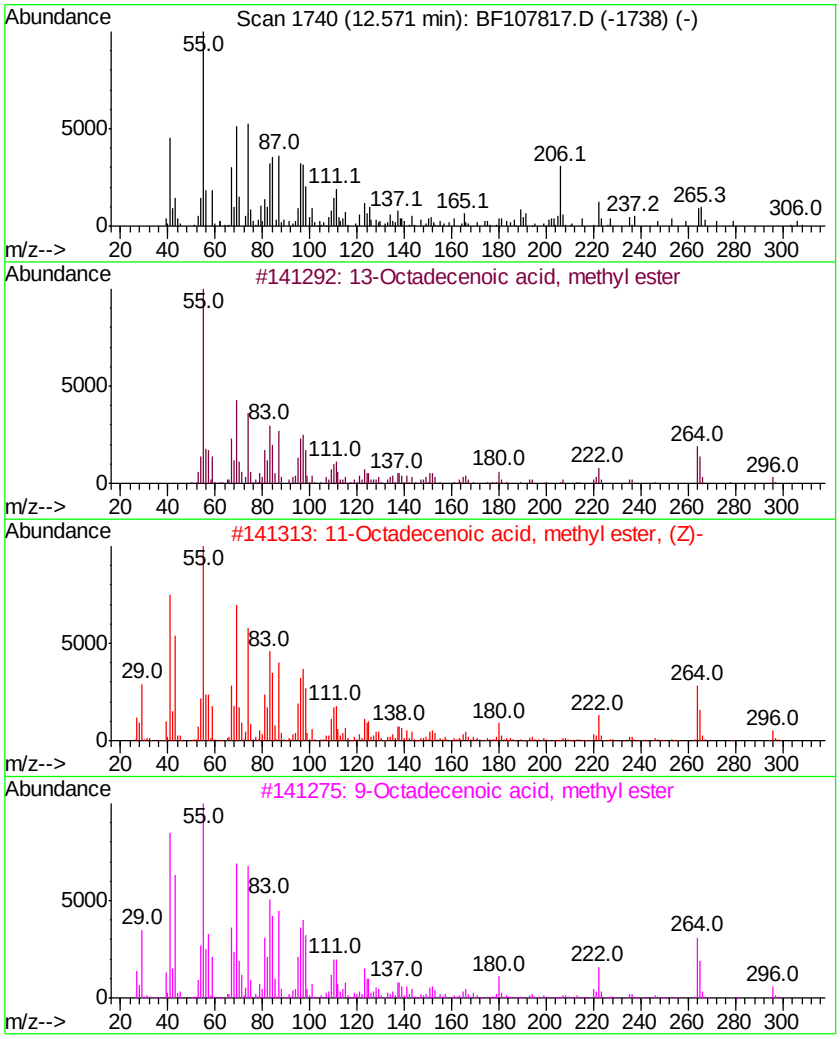
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

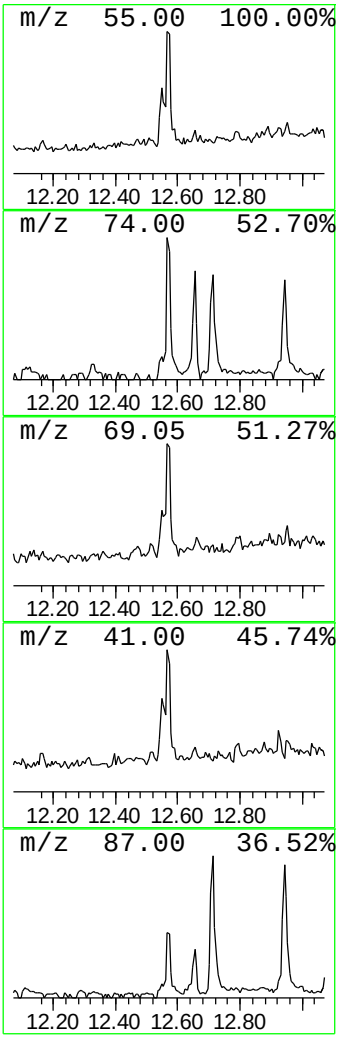
**********

Peak Number 8 13-Octadecenoic acid, methy... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.57 | 5.04 ng | 243701 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-47-3 | 80 |
| 2 | 11-Octadecenoic acid, methyl est... | 296 | C19H36O2 | 001937-63-9 | 72 |
| 3 | 9-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 002462-84-2 | 72 |
| 4 | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8 | 72 |
| 5 | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

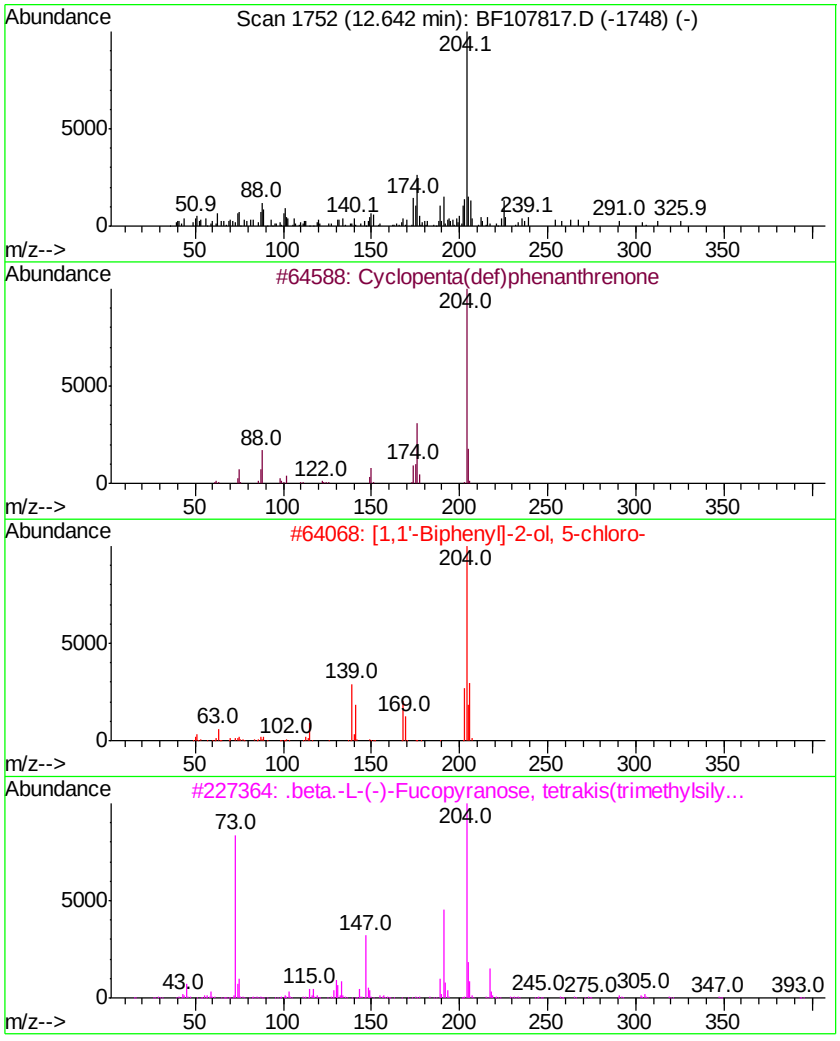
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

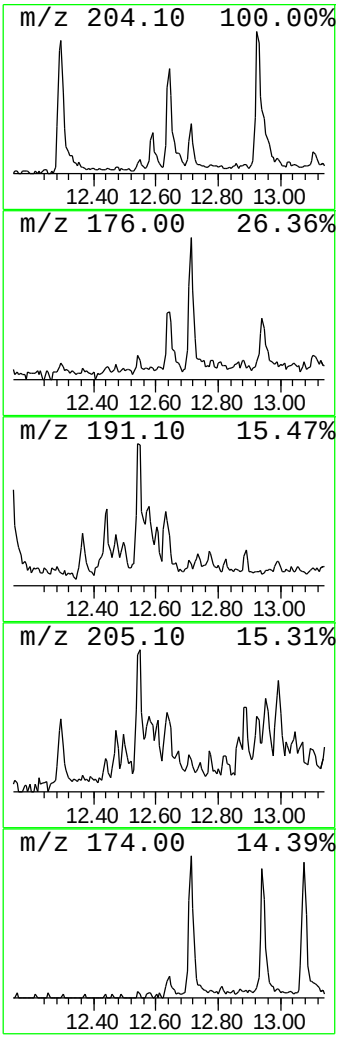
**********

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.64 | 2.84 ng | 137641 | Phenanthrene-d10 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 70 |
| 2 | [1,1'-Biphenyl]-2-ol, 5-chloro- | 204 | C12H9ClO | 000607-12-5 | 49 |
| 3 | .beta.-L-(-)-Fucopyranose, tetra... | 452 | C18H44O5Si4 | 1000380-20-2 | 47 |
| 4 | .beta.-D-Glucopyranose, 1,2,3,4,... | 540 | C21H52O6Si5 | 002775-90-8 | 47 |
| 5 | 2-Chloro-4-phenylphenol | 204 | C12H9ClO | 000092-04-6 | 47 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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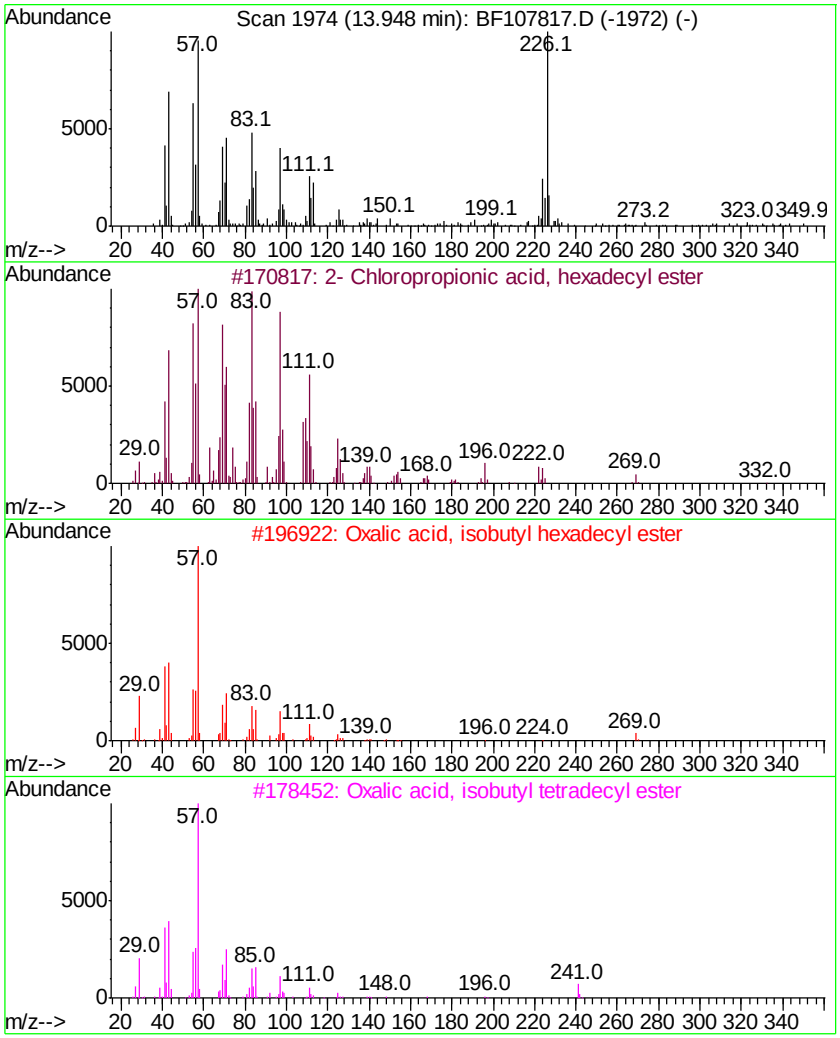
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

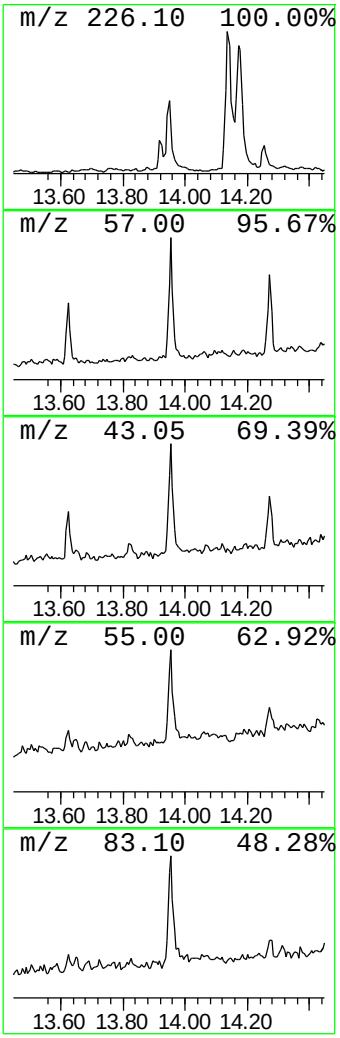
**********

Peak Number 10 2- Chloropropionic acid, he... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.95 | 3.63 ng | 343665 | Chrysene-d12 | 14.15 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2 | 086711-81-1 | 83 |
| 2 | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4 | 1000309-38-1 | 76 |
| 3 | Oxalic acid, isobutyl tetradecyl... | 342 | C20H38O4 | 1000309-37-9 | 76 |
| 4 | Oxalic acid, isobutyl tridecyl e... | 328 | C19H36O4 | 1000309-37-8 | 68 |
| 5 | Octatriacontyl pentafluoropropio... | 697 | C41H77F5O2 | 1000351-89-1 | 68 |



# Library Search Compound Report

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Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

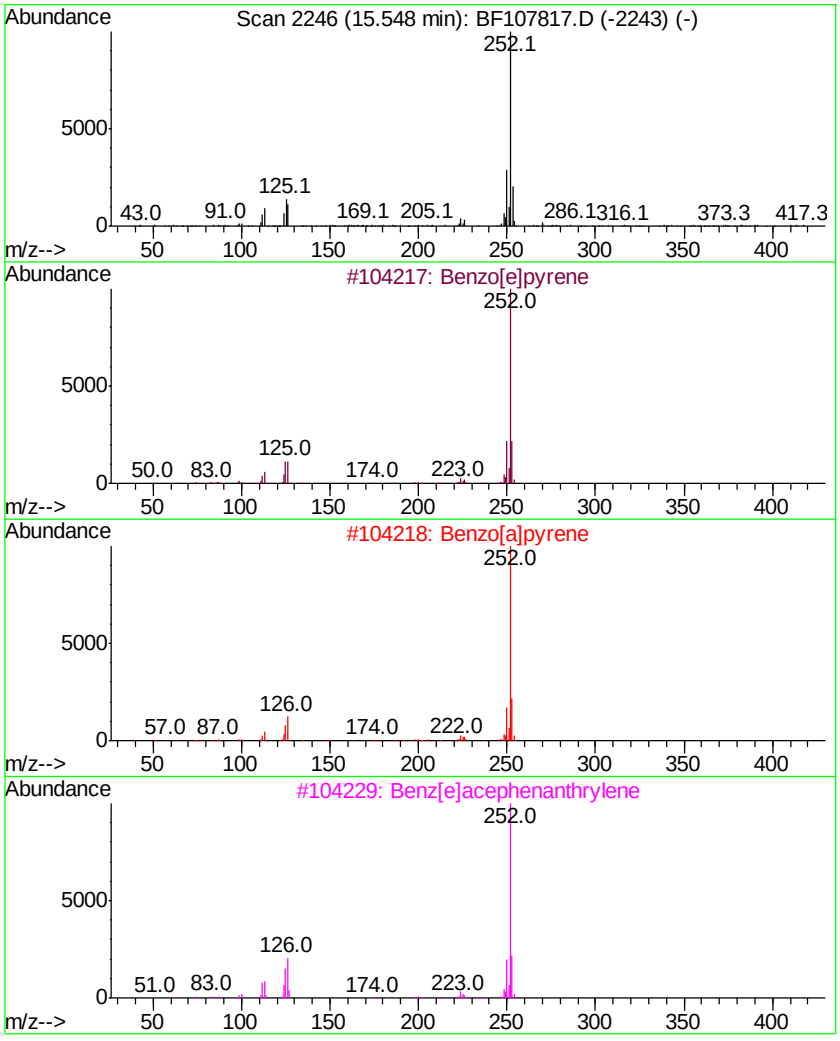
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

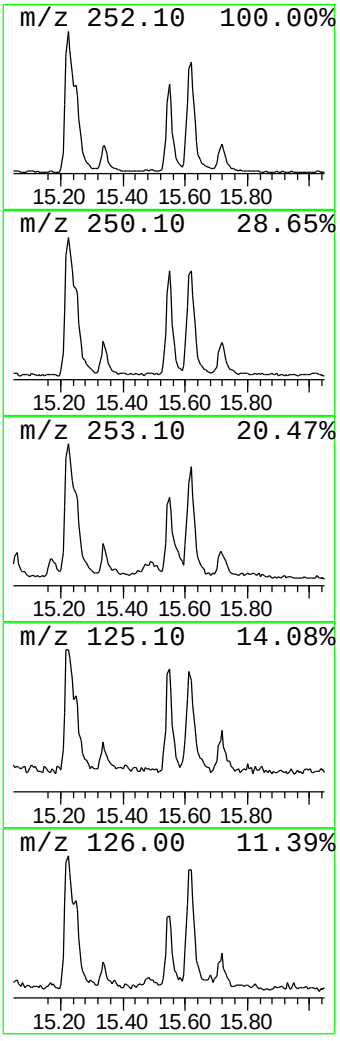
**********

Peak Number 11 Benzo[e]pyrene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.55 | 3.70 ng | 257223 | Perylene-d12 | 15.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 91 |
| 3 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 90 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 89 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 89 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107817.D
Acq On : 30 Jul 2018 23:00
Operator : JU/SJ
Sample : J4164-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-5(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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 |
| Propane, 2-methyl... | 5.20 | 15.8 | ng | 722685 | 1 | 6.96 | 917857 | 20.0 |
| unknown6.74 | 6.74 | 87.7 | ng | 4024190 | 1 | 6.96 | 917857 | 20.0 |
| Anthracene, 2-met... | 12.00 | 4.8 | ng | 233737 | 4 | 11.49 | 967658 | 20.0 |
| Anthracene, 9-met... | 12.02 | 2.8 | ng | 136863 | 4 | 11.49 | 967658 | 20.0 |
| unknown12.11 | 12.11 | 3.0 | ng | 145988 | 4 | 11.49 | 967658 | 20.0 |
| di-p-Tolylacetylene | 12.55 | 4.8 | ng | 233783 | 4 | 11.49 | 967658 | 20.0 |
| 13-Octadecenoic a... | 12.57 | 5.0 | ng | 243701 | 4 | 11.49 | 967658 | 20.0 |
| Cyclopenta(def)ph... | 12.64 | 2.8 | ng | 137641 | 4 | 11.49 | 967658 | 20.0 |
| 2- Chloropropioni... | 13.95 | 3.6 | ng | 343665 | 5 | 14.15 | 1893300 | 20.0 |
| Benzo[e]pyrene | 15.55 | 3.7 | ng | 257223 | 6 | 15.68 | 1388900 | 20.0 |