LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JPP-5.1-012725

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141464.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.981 | 487 | 491 | 497 | rVB | 18963 | 26874 | 2.92% | 0.234% |
| 2 | 5.410 | 559 | 564 | 582 | rVB | 612862 | 838952 | 91.03% | 7.320% |
| 3 | 6.428 | 732 | 737 | 760 | rBV | 655119 | 905321 | 98.23% | 7.899% |
| 4 | 6.787 | 793 | 798 | 806 | rBV | 285976 | 364614 | 39.56% | 3.181% |
| 5 | 7.351 | 884 | 894 | 899 | rBV | 437183 | 573871 | 62.27% | 5.007% |
| 6 | 7.387 | 899 | 900 | 904 | rVV | 13948 | 12498 | 1.36% | 0.109% |
| 7 | 7.610 | 932 | 938 | 943 | rBV3 | 17213 | 25349 | 2.75% | 0.221% |
| 8 | 8.069 | 1003 | 1016 | 1024 | rBV | 329808 | 493756 | 53.58% | 4.308% |
| 9 | 8.363 | 1061 | 1066 | 1073 | rBV6 | 8822 | 17342 | 1.88% | 0.151% |
| 10 | 8.492 | 1084 | 1088 | 1094 | rBV | 11380 | 16623 | 1.80% | 0.145% |
| 11 | 8.575 | 1099 | 1102 | 1106 | rBV3 | 9649 | 13706 | 1.49% | 0.120% |
| 12 | 8.663 | 1113 | 1117 | 1121 | rBV | 36932 | 45244 | 4.91% | 0.395% |
| 13 | 8.786 | 1135 | 1138 | 1142 | rVB | 12185 | 14426 | 1.57% | 0.126% |
| 14 | 8.886 | 1151 | 1155 | 1162 | rBV3 | 15642 | 25042 | 2.72% | 0.218% |
| 15 | 8.951 | 1162 | 1166 | 1175 | rVV8 | 4743 | 14023 | 1.52% | 0.122% |
| 16 | 9.028 | 1176 | 1179 | 1183 | rVB2 | 8001 | 10231 | 1.11% | 0.089% |
| 17 | 9.092 | 1187 | 1190 | 1194 | rVV3 | 14374 | 17435 | 1.89% | 0.152% |
| 18 | 9.145 | 1194 | 1199 | 1209 | rVB | 718825 | 887853 | 96.34% | 7.747% |
| 19 | 9.228 | 1209 | 1213 | 1220 | rBV2 | 53126 | 77954 | 8.46% | 0.680% |
| 20 | 9.298 | 1222 | 1225 | 1230 | rVB2 | 9811 | 12739 | 1.38% | 0.111% |
| 21 | 9.416 | 1241 | 1245 | 1249 | rVB3 | 10704 | 16059 | 1.74% | 0.140% |
| 22 | 9.486 | 1250 | 1257 | 1259 | rBV3 | 20673 | 36918 | 4.01% | 0.322% |
| 23 | 9.545 | 1263 | 1267 | 1270 | rVV4 | 24428 | 41247 | 4.48% | 0.360% |
| 24 | 9.604 | 1274 | 1277 | 1281 | rVB2 | 14905 | 20284 | 2.20% | 0.177% |
| 25 | 9.686 | 1288 | 1291 | 1296 | rBV4 | 10172 | 16007 | 1.74% | 0.140% |
| 26 | 9.757 | 1297 | 1303 | 1308 | rVV | 54279 | 79118 | 8.58% | 0.690% |
| 27 | 9.828 | 1308 | 1315 | 1318 | rVV | 331075 | 440101 | 47.75% | 3.840% |
| 28 | 9.857 | 1318 | 1320 | 1325 | rVV | 43686 | 55760 | 6.05% | 0.487% |
| 29 | 9.933 | 1329 | 1333 | 1337 | rVB4 | 8738 | 13067 | 1.42% | 0.114% |
| 30 | 9.992 | 1338 | 1343 | 1345 | rBV3 | 11527 | 20029 | 2.17% | 0.175% |
| 31 | 10.028 | 1345 | 1349 | 1354 | rVV | 24647 | 45237 | 4.91% | 0.395% |
| 32 | 10.080 | 1354 | 1358 | 1362 | rVV3 | 15798 | 25801 | 2.80% | 0.225% |
| 33 | 10.145 | 1366 | 1369 | 1376 | rVV8 | 9265 | 20763 | 2.25% | 0.181% |
| 34 | 10.257 | 1381 | 1388 | 1392 | rBV | 56467 | 84174 | 9.13% | 0.734% |
| 35 | 10.375 | 1403 | 1408 | 1414 | rBV | 35285 | 51023 | 5.54% | 0.445% |
| 36 | 10.480 | 1421 | 1426 | 1431 | rVB | 21712 | 35938 | 3.90% | 0.314% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JPP-5.1-012725

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.539 | 1431 | 1436 | 1443 | rVB | 117337 | 153488 | 16.65% | 1.339% |
| 38 | 10.616 | 1444 | 1449 | 1455 | rBV | 244074 | 332601 | 36.09% | 2.902% |
| 39 | 10.739 | 1465 | 1470 | 1477 | rVB | 66968 | 118216 | 12.83% | 1.031% |
| 40 | 10.804 | 1478 | 1481 | 1484 | rBV2 | 11218 | 18216 | 1.98% | 0.159% |
| 41 | 10.927 | 1499 | 1502 | 1504 | rBV4 | 10388 | 13966 | 1.52% | 0.122% |
| 42 | 11.122 | 1532 | 1535 | 1538 | rVB | 13918 | 16145 | 1.75% | 0.141% |
| 43 | 11.180 | 1541 | 1545 | 1548 | rVV | 55559 | 85609 | 9.29% | 0.747% |
| 44 | 11.210 | 1548 | 1550 | 1556 | rVB | 44513 | 57967 | 6.29% | 0.506% |
| 45 | 11.316 | 1563 | 1568 | 1570 | rBV | 329083 | 488570 | 53.01% | 4.263% |
| 46 | 11.339 | 1570 | 1572 | 1576 | rVV | 317922 | 337478 | 36.62% | 2.945% |
| 47 | 11.386 | 1576 | 1580 | 1584 | rVV | 87485 | 119308 | 12.95% | 1.041% |
| 48 | 11.427 | 1584 | 1587 | 1590 | rVV3 | 8148 | 11129 | 1.21% | 0.097% |
| 49 | 11.551 | 1604 | 1608 | 1614 | rBV2 | 16996 | 31526 | 3.42% | 0.275% |
| 50 | 11.610 | 1614 | 1618 | 1622 | rBV | 48290 | 58327 | 6.33% | 0.509% |
| 51 | 11.816 | 1649 | 1653 | 1655 | rBV | 42082 | 55011 | 5.97% | 0.480% |
| 52 | 11.845 | 1655 | 1658 | 1662 | rVB | 88962 | 110811 | 12.02% | 0.967% |
| 53 | 11.927 | 1668 | 1672 | 1680 | rVB | 80972 | 165921 | 18.00% | 1.448% |
| 54 | 12.016 | 1684 | 1687 | 1691 | rVB2 | 37102 | 48046 | 5.21% | 0.419% |
| 55 | 12.174 | 1711 | 1714 | 1719 | rVB3 | 29280 | 41085 | 4.46% | 0.358% |
| 56 | 12.263 | 1725 | 1729 | 1732 | rBV | 65161 | 78880 | 8.56% | 0.688% |
| 57 | 12.369 | 1744 | 1747 | 1749 | rBV | 27266 | 32840 | 3.56% | 0.287% |
| 58 | 12.410 | 1750 | 1754 | 1758 | rVB3 | 46608 | 80369 | 8.72% | 0.701% |
| 59 | 12.527 | 1769 | 1774 | 1778 | rBV | 462461 | 585099 | 63.49% | 5.105% |
| 60 | 12.569 | 1778 | 1781 | 1788 | rVB2 | 106910 | 149295 | 16.20% | 1.303% |
| 61 | 12.757 | 1807 | 1813 | 1820 | rBV | 442007 | 685168 | 74.35% | 5.978% |
| 62 | 12.904 | 1833 | 1838 | 1845 | rVB | 672875 | 921591 | 100.00% | 8.041% |
| 63 | 13.039 | 1857 | 1861 | 1865 | rBV | 138539 | 174654 | 18.95% | 1.524% |
| 64 | 13.957 | 2012 | 2017 | 2020 | rBV2 | 374506 | 624722 | 67.79% | 5.451% |
| 65 | 15.004 | 2191 | 2195 | 2203 | rVB | 135103 | 287293 | 31.17% | 2.507% |
| 66 | 15.421 | 2263 | 2266 | 2270 | rBV | 132005 | 182228 | 19.77% | 1.590% |

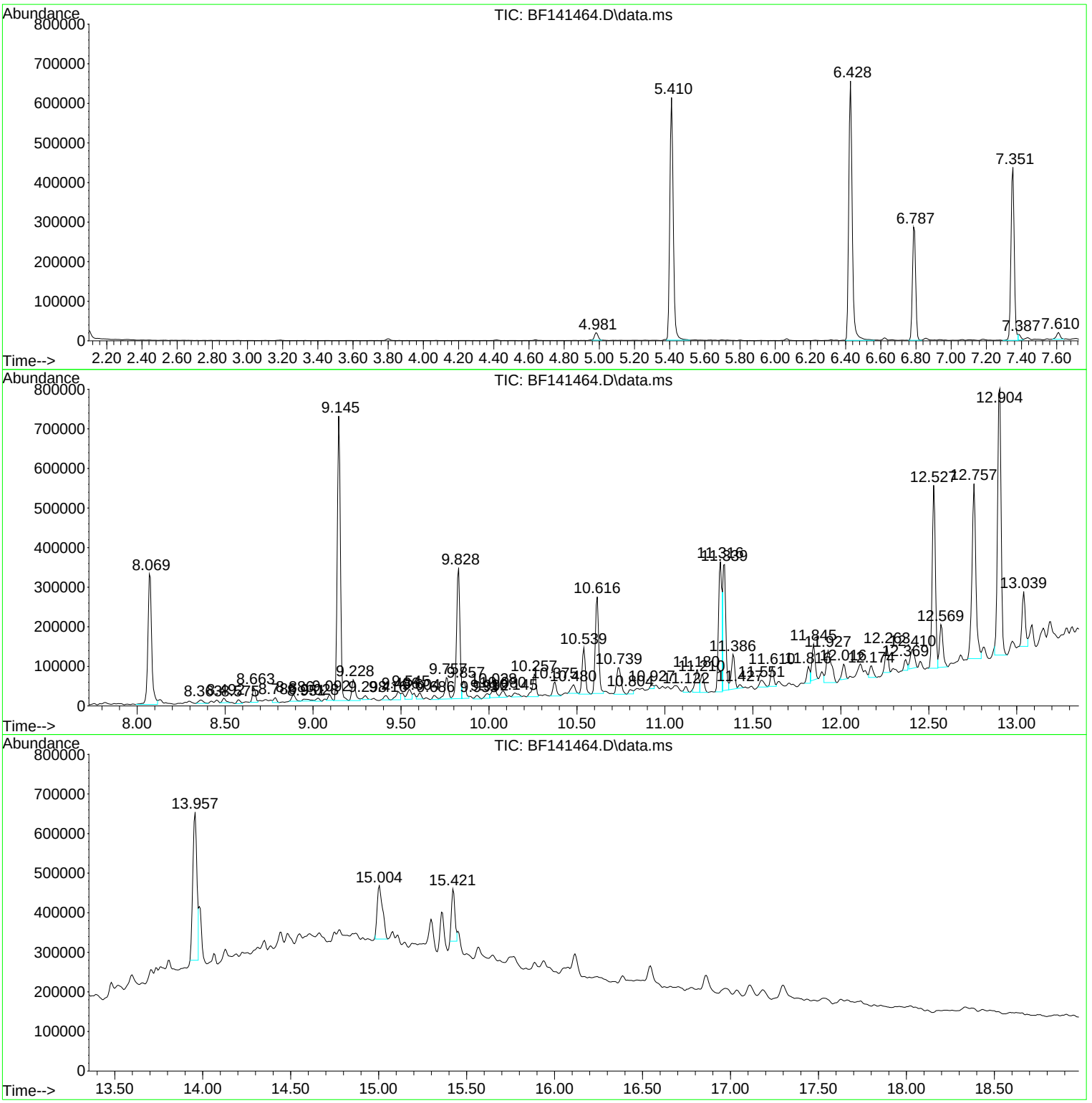
Sum of corrected areas: 11460938

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

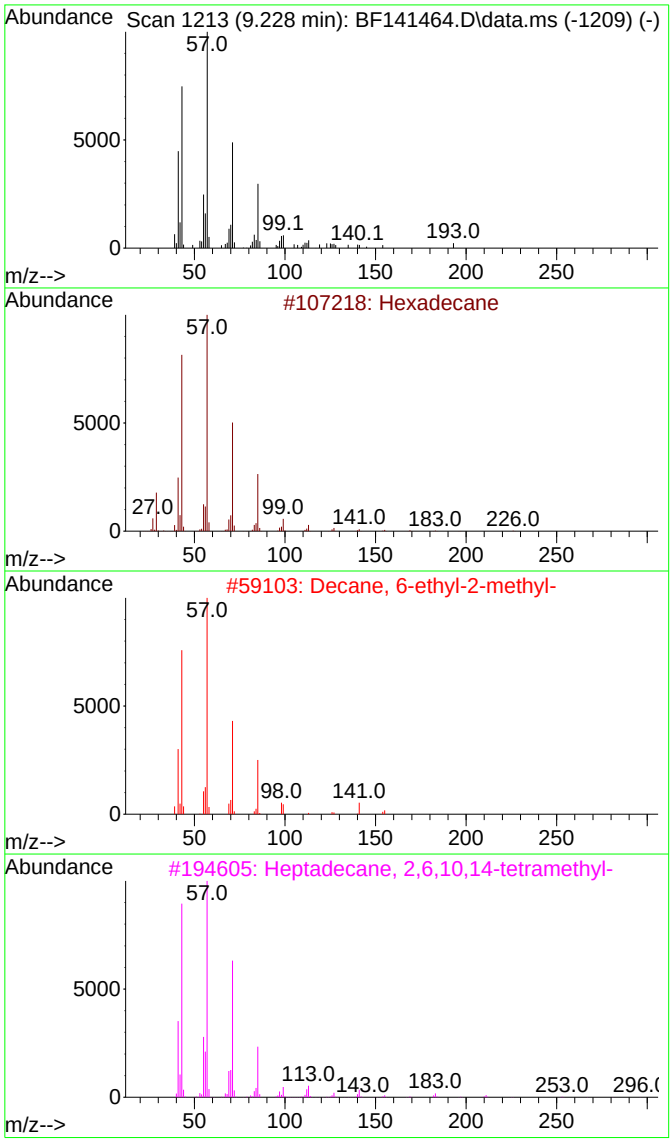
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

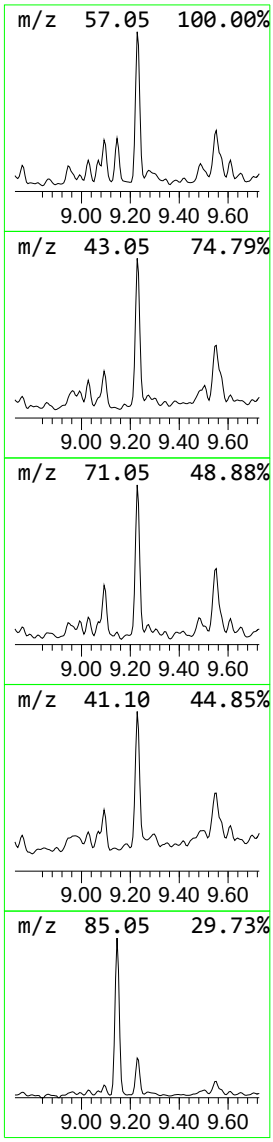
**********

Peak Number 1 Hexadecane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.228 | 3.54 ng | 77954 | Acenaphthene-d10 | 9.828 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Decane, 6-ethyl-2-methyl- | 184 | C13H28 | 062108-21-8 | 86 |
| 3 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 80 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 80 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

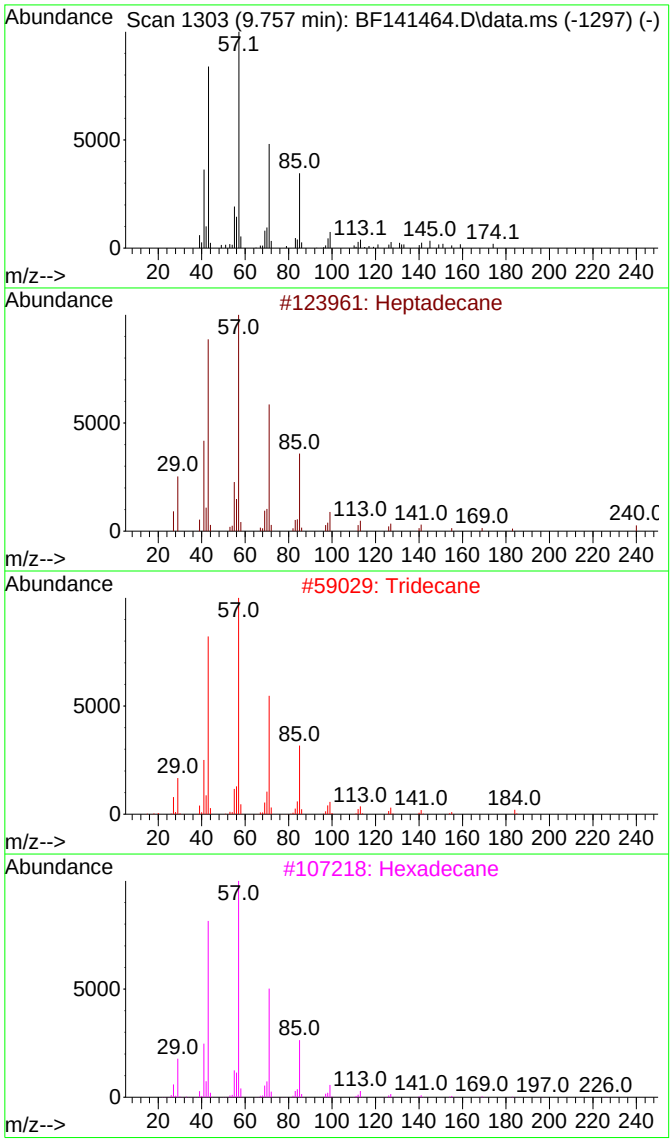
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

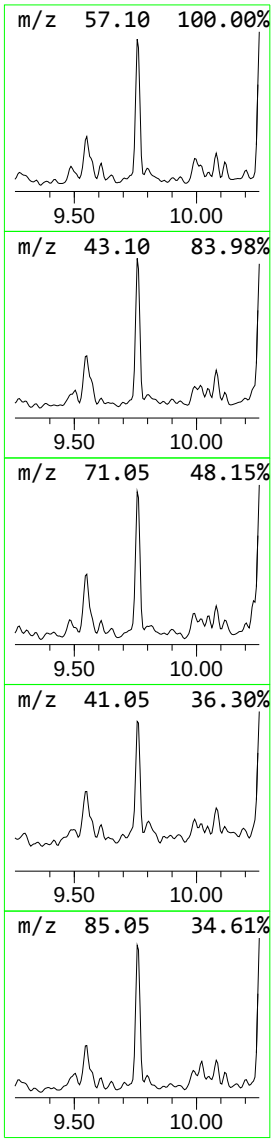
**********

Peak Number 2 Heptadecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.757 | 3.60 ng | 79118 | Acenaphthene-d10 | 9.828 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

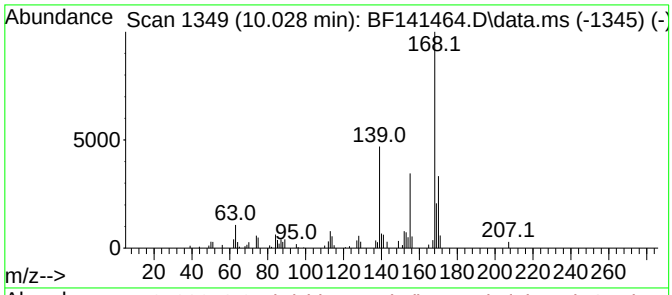
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

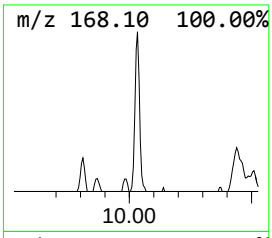
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

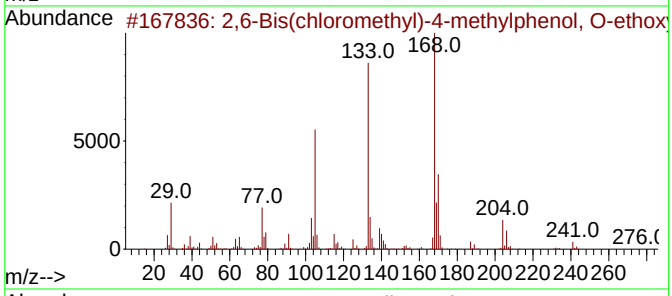
**********
Peak Number 3 2,6-Bis(chloromethyl)-4-met... Concentration Rank 15

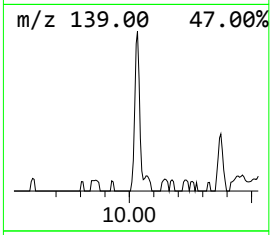
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.028 | 2.06 ng | 45237 | Acenaphthene-d10 | 9.828 |

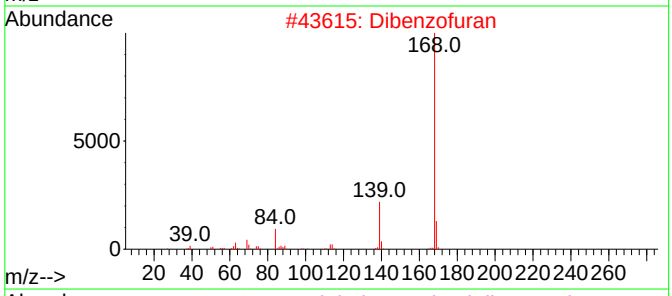
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,6-Bis(chloromethyl)-4-methylph... | 276 | C12H14Cl2O3 | 1000487-41-5 | 50 |
| 2 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 50 |
| 3 | 1-Naphthalenecarbonitrile, 4-amino- | 168 | C11H8N2 | 058728-64-6 | 46 |
| 4 | 1-Methyl-1-(p-chlorphenyl)-1-sil... | 196 | C10H13ClSi | 057465-49-3 | 45 |
| 5 | 4-Chloro-5,6,7,8-tetrahydroquina... | 168 | C8H9ClN2 | 001125-62-8 | 43 |

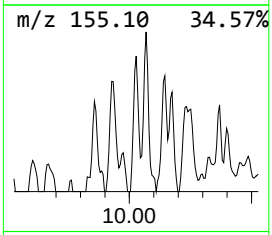


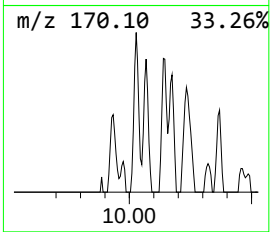



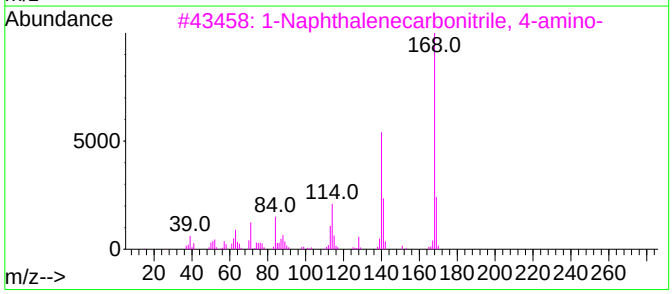



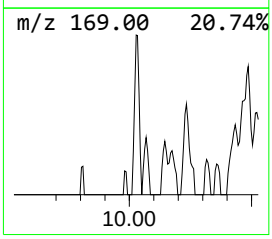



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

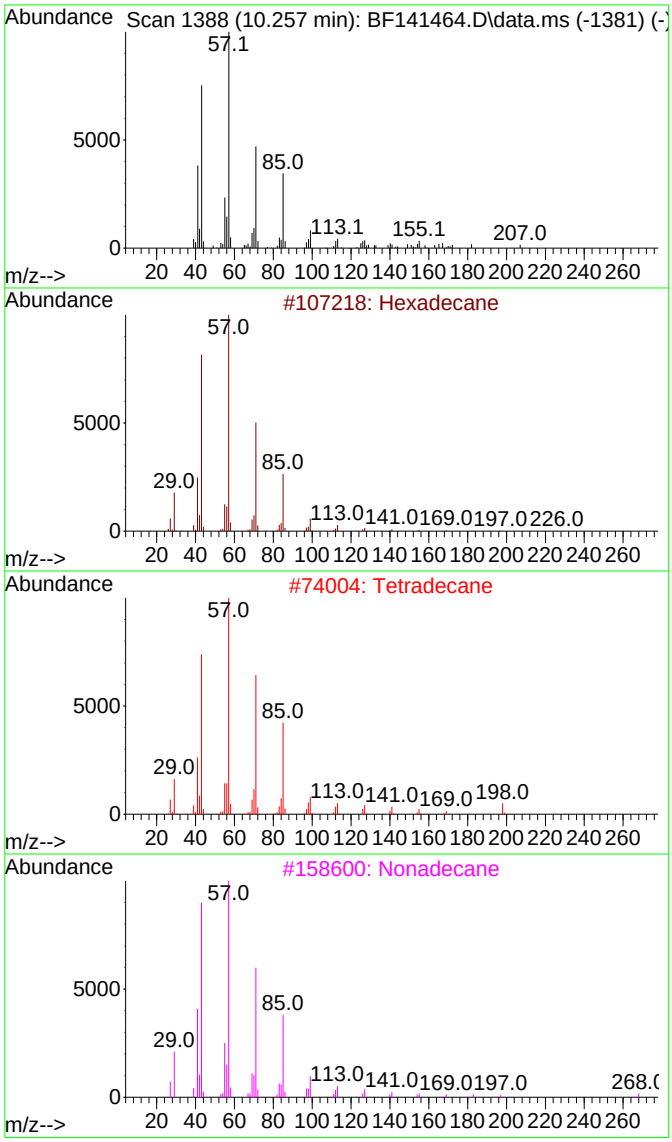
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

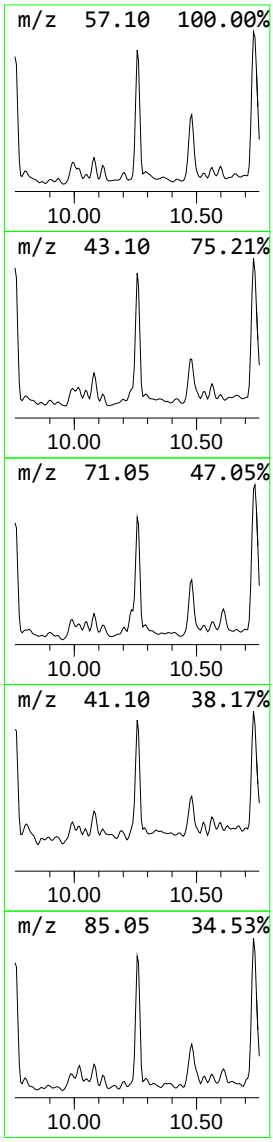
**********

Peak Number 4 Tetradecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.257 | 3.83 ng | 84174 | Acenaphthene-d10 | 9.828 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 78 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

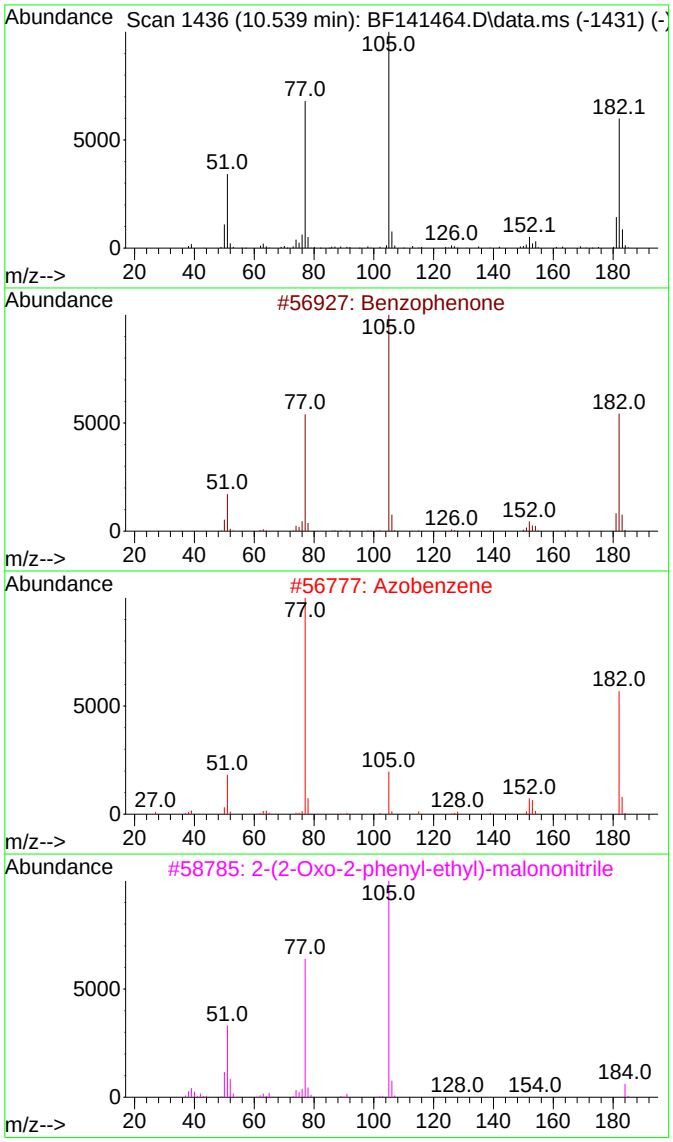
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

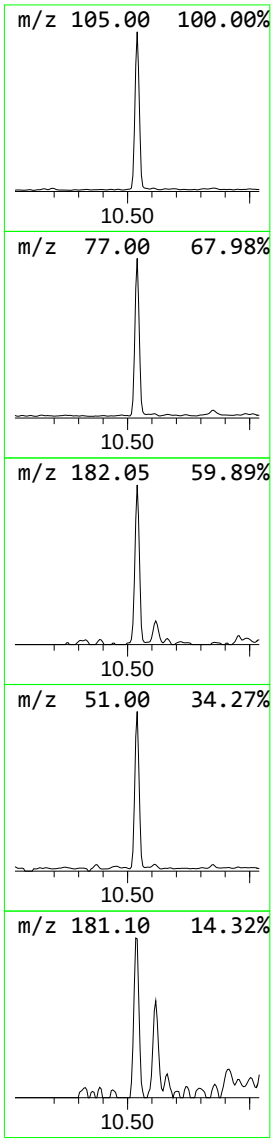
**********

Peak Number 5 Benzophenone Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.539 | 6.98 ng | 153488 | Acenaphthene-d10 | 9.828 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 58 |
| 3 | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O | 1000296-76-9 | 53 |
| 4 | Benzilic acid | 228 | C14H12O3 | 000076-93-7 | 50 |
| 5 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

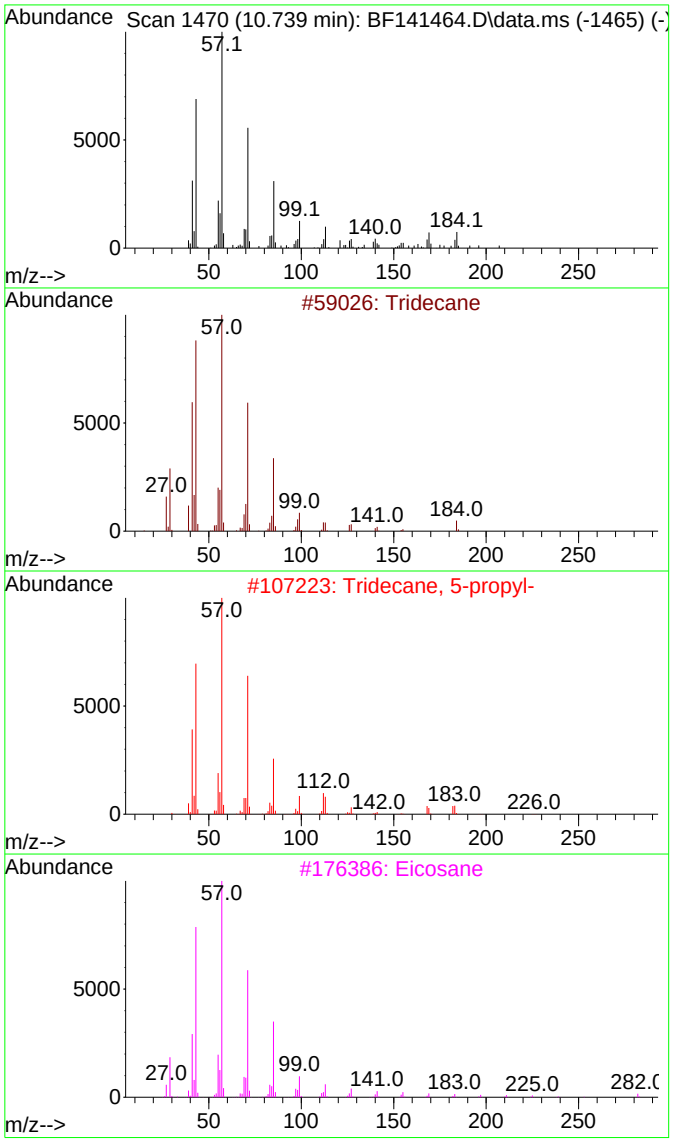
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

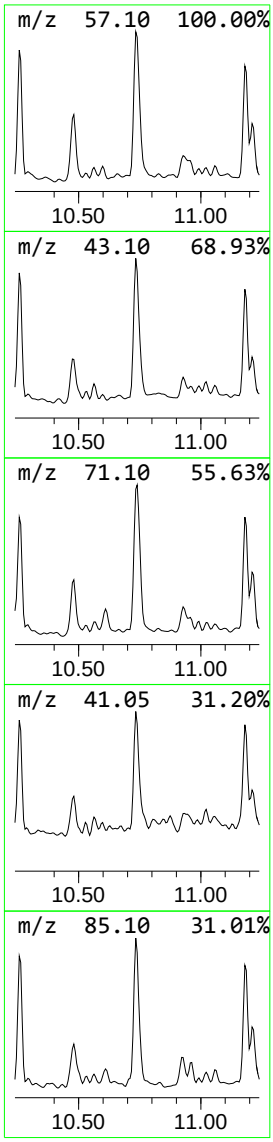
**********

Peak Number 6 Tridecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.739 | 4.84 ng | 118216 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 2 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 86 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 80 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 80 |
| 5 | Dodecane | 170 | C12H26 | 000112-40-3 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

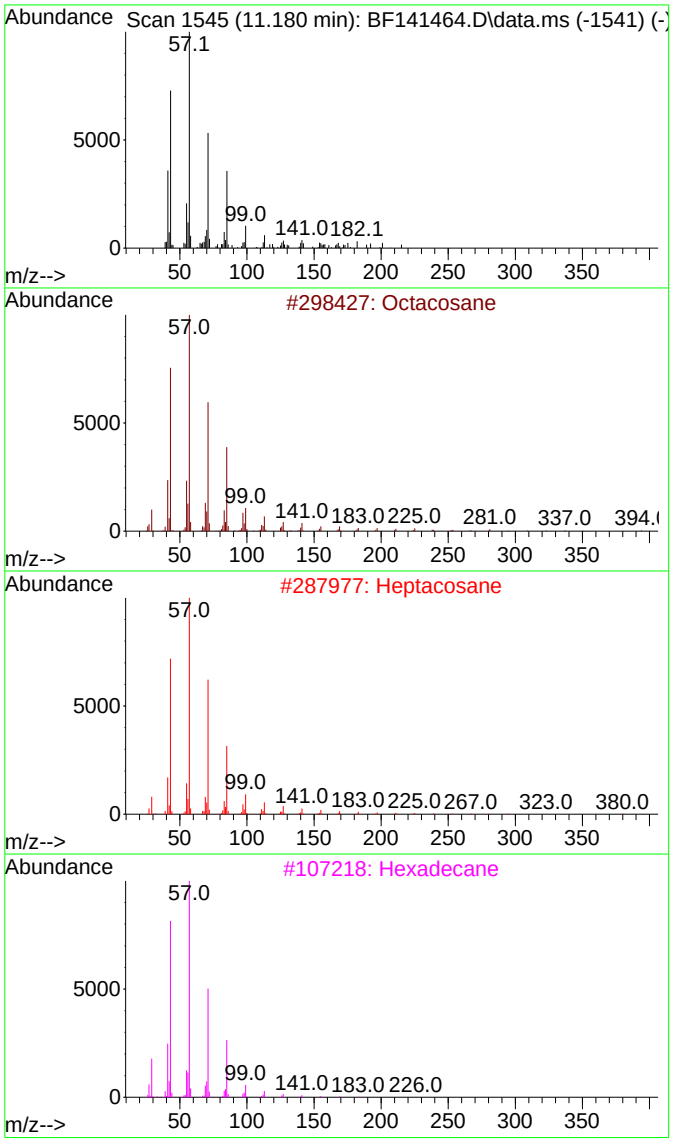
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

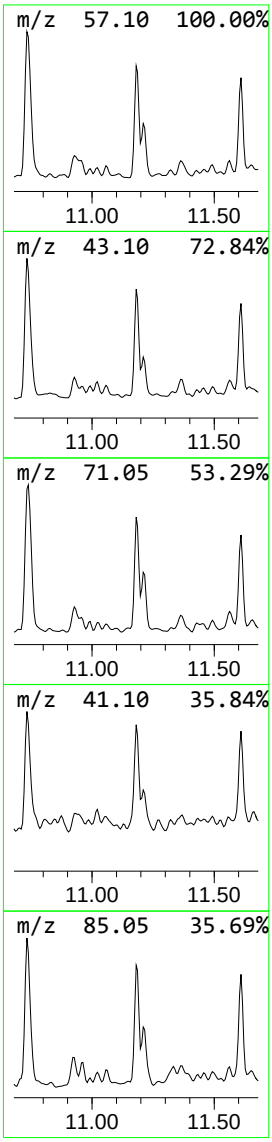
**********

Peak Number 7 Octacosane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.180 | 3.50 ng | 85609 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 86 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 80 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

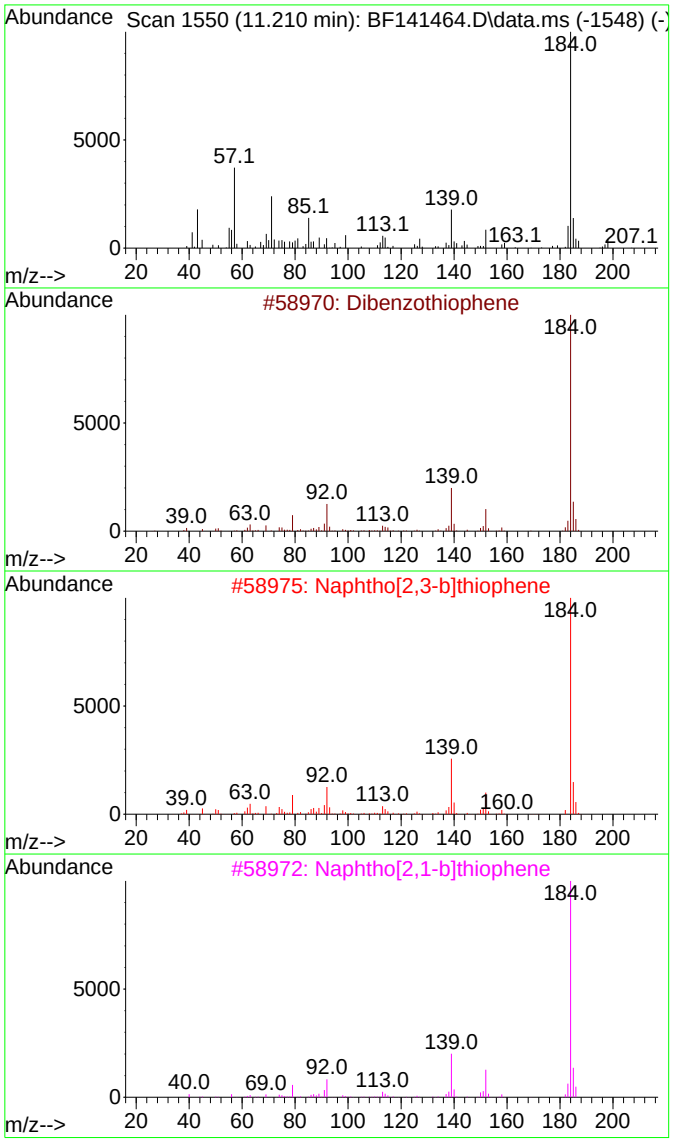
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

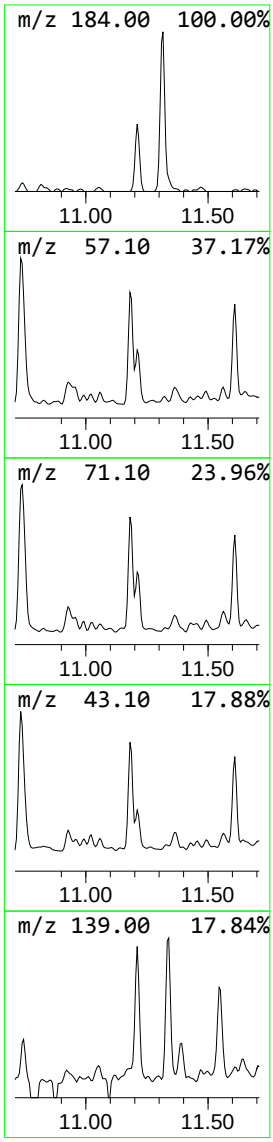
**********

Peak Number 8 Dibenzothiophene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.210 | 2.37 ng | 57967 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 64 |
| 2 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 58 |
| 3 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 53 |
| 4 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 53 |
| 5 | 1,4,5,8-Tetramethylnaphthalene | 184 | C14H16 | 002717-39-7 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

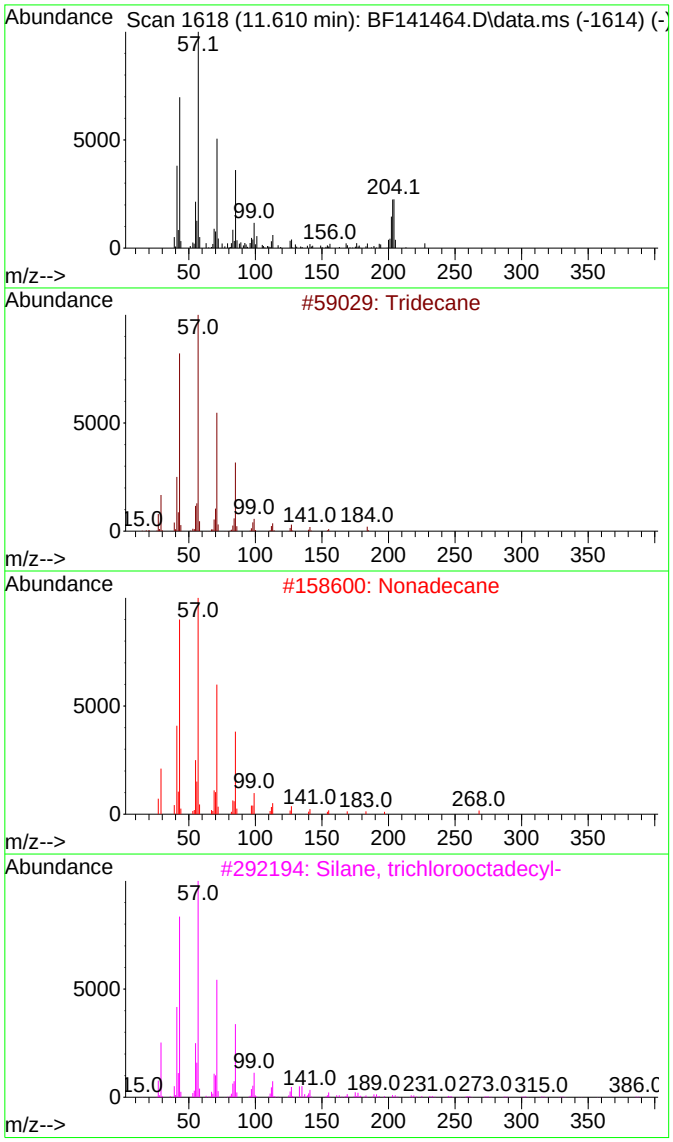
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

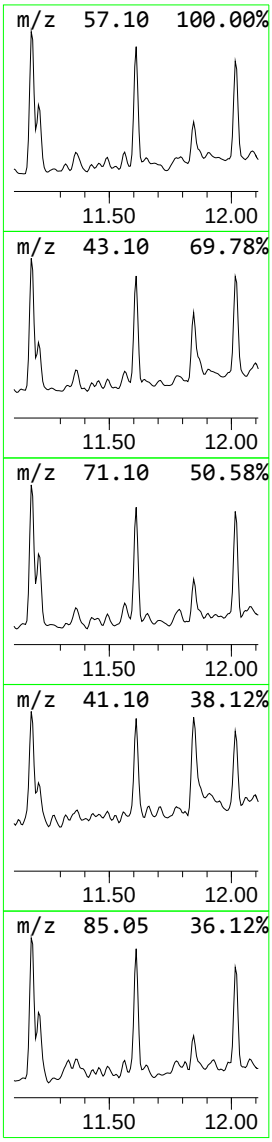
**********

Peak Number 9 unknown11.610 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.610 | 2.39 ng | 58327 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 49 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 49 |
| 3 | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 46 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 46 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

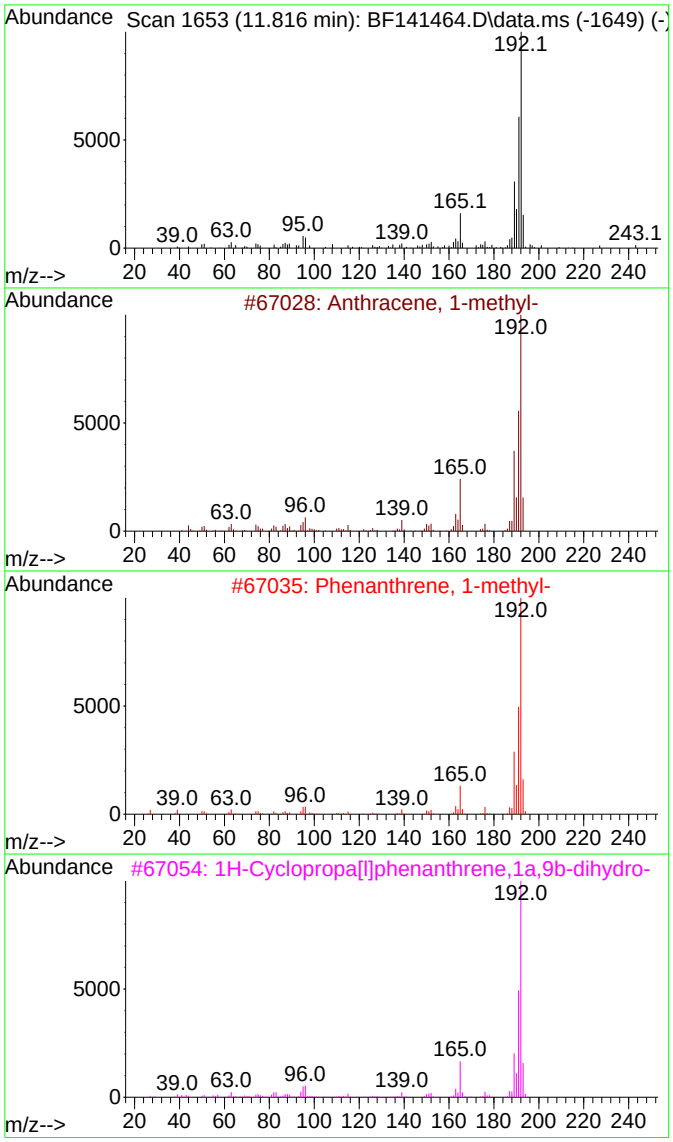
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

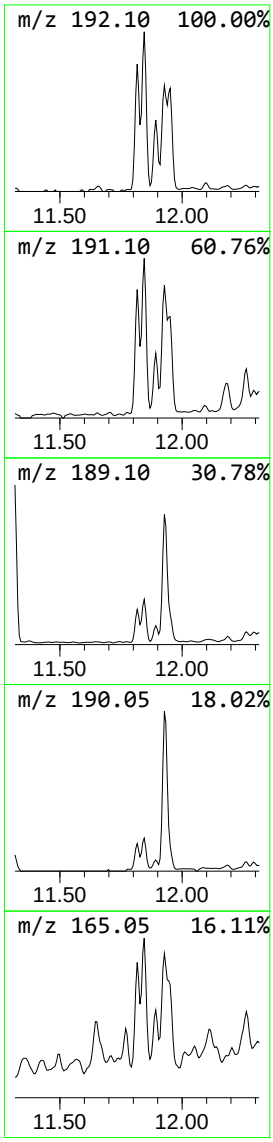
**********

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.816 | 2.25 ng | 55011 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 93 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 91 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

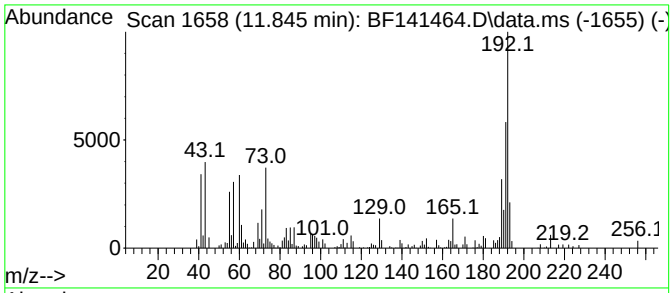
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

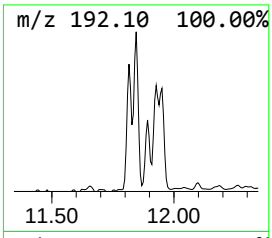
**********

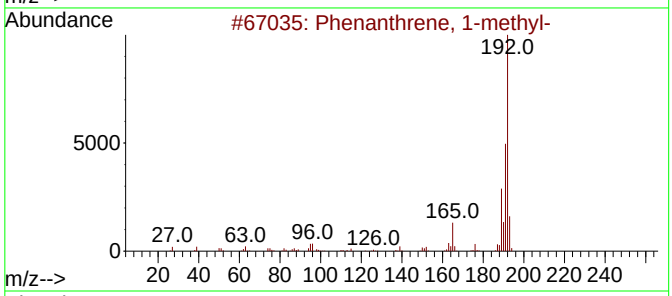
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 5

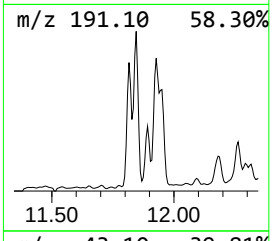
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.845 | 4.54 ng | 110811 | Phenanthrene-d10 | 11.316 |

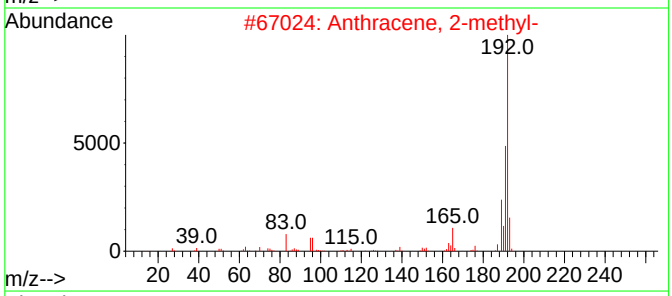
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 86 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 86 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 86 |

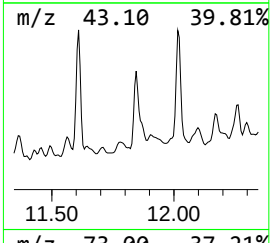


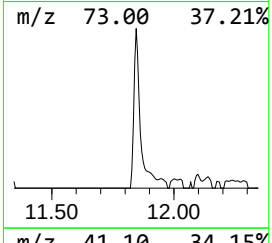



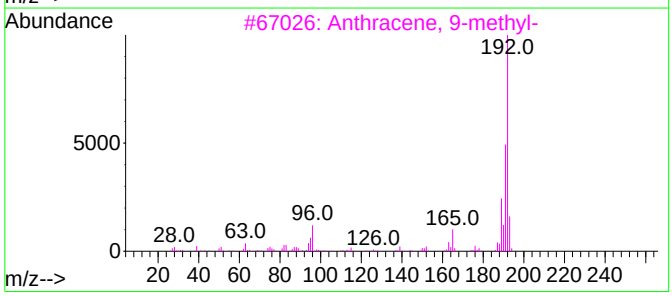



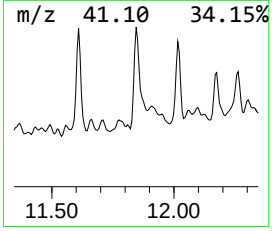



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

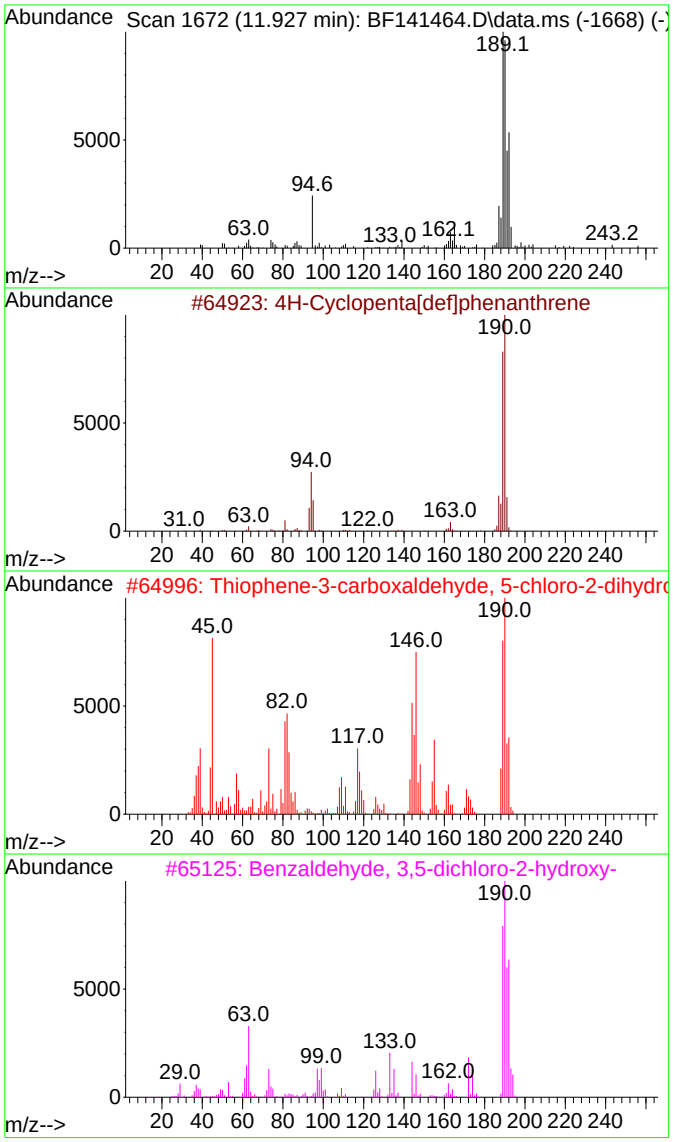
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

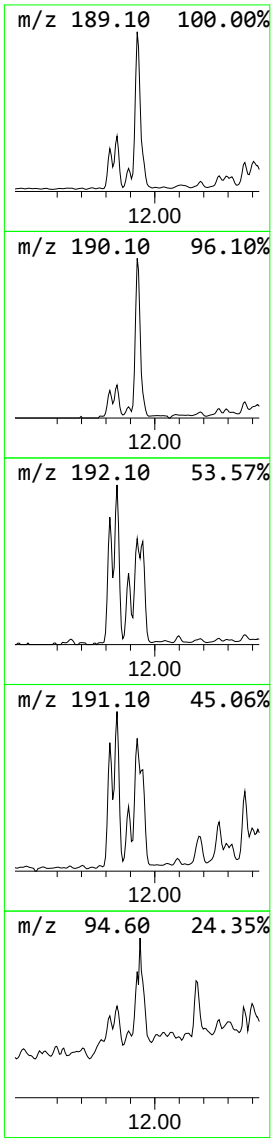
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.927 | 6.79 ng | 165921 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 70 |
| 2 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 50 |
| 3 | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 50 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 22 |
| 5 | Benzene, 1,1'-(1,2-propadienylid... | 192 | C15H12 | 014251-57-1 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

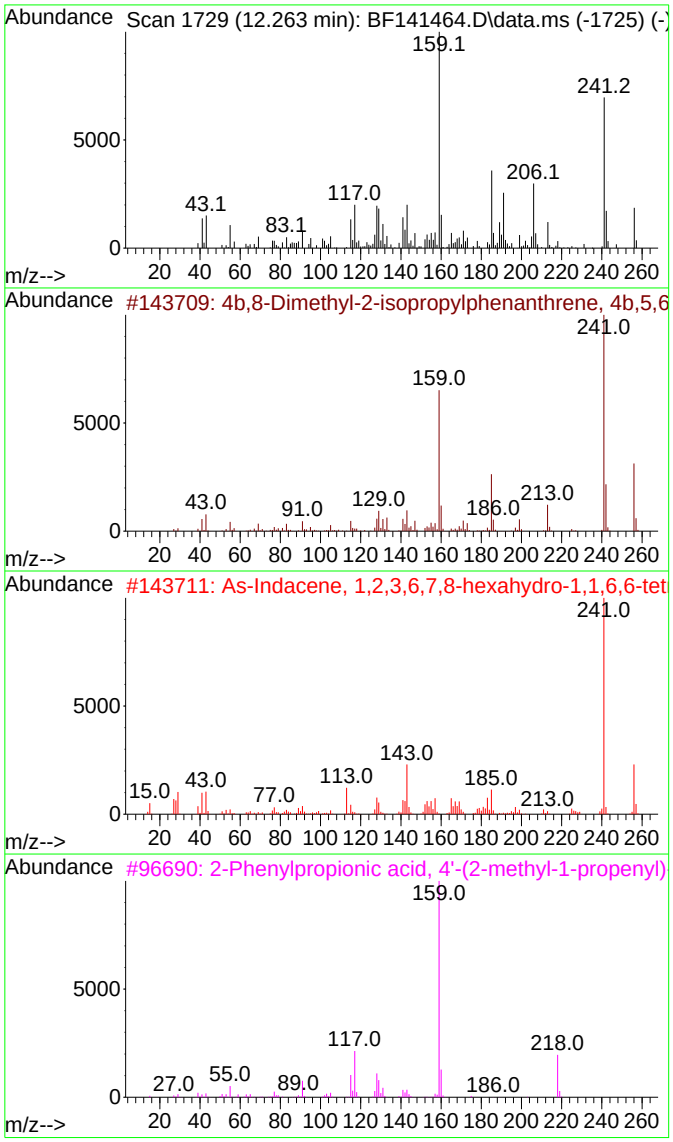
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

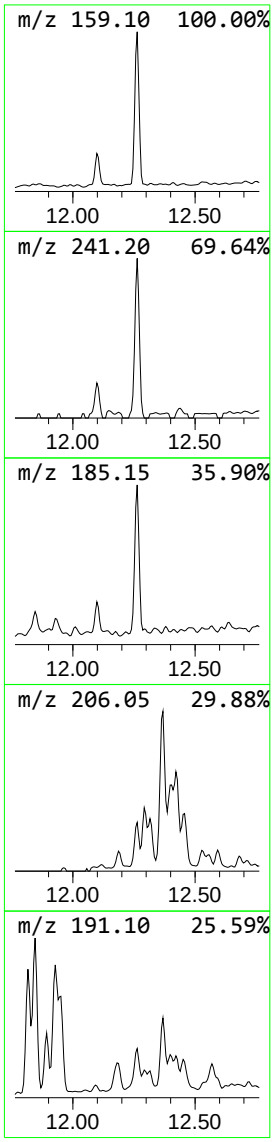
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.263 | 3.23 ng | 78880 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4b,8-Dimethyl-2-isopropylphenant... | 256 | C19H28 | 1000197-14-1 | 98 |
| 2 | As-Indacene, 1,2,3,6,7,8-hexahyd... | 256 | C19H28 | 017465-47-3 | 41 |
| 3 | 2-Phenylpropionic acid, 4'-(2-me... | 218 | C14H18O2 | 1010454-94-3 | 38 |
| 4 | Methyl 3-amino-2-cyano-3-(3-indo... | 241 | C13H11N3O2 | 018234-27-0 | 30 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18 | 030316-36-0 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

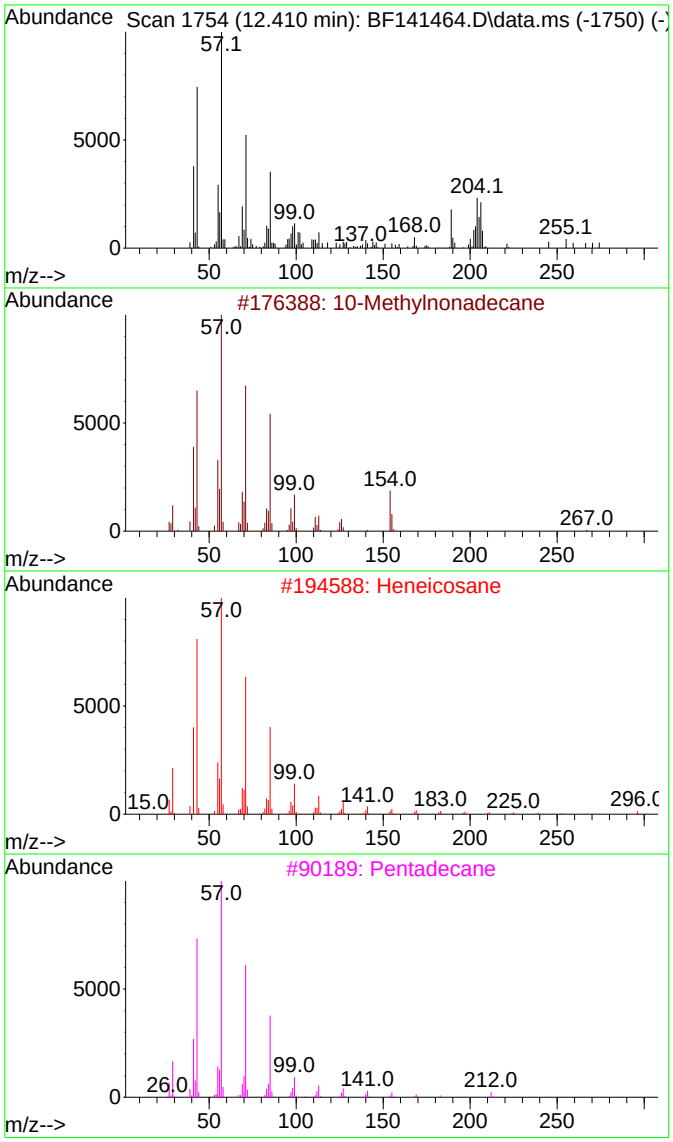
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

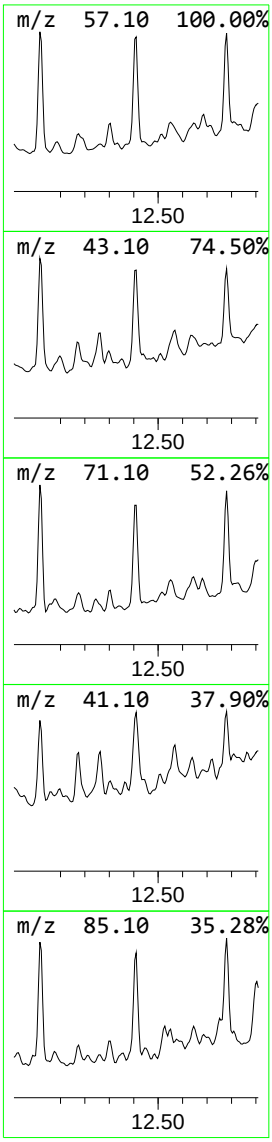
**********

Peak Number 14 unknown12.410 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.410 | 3.29 ng | 80369 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 43 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 43 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 43 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 38 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

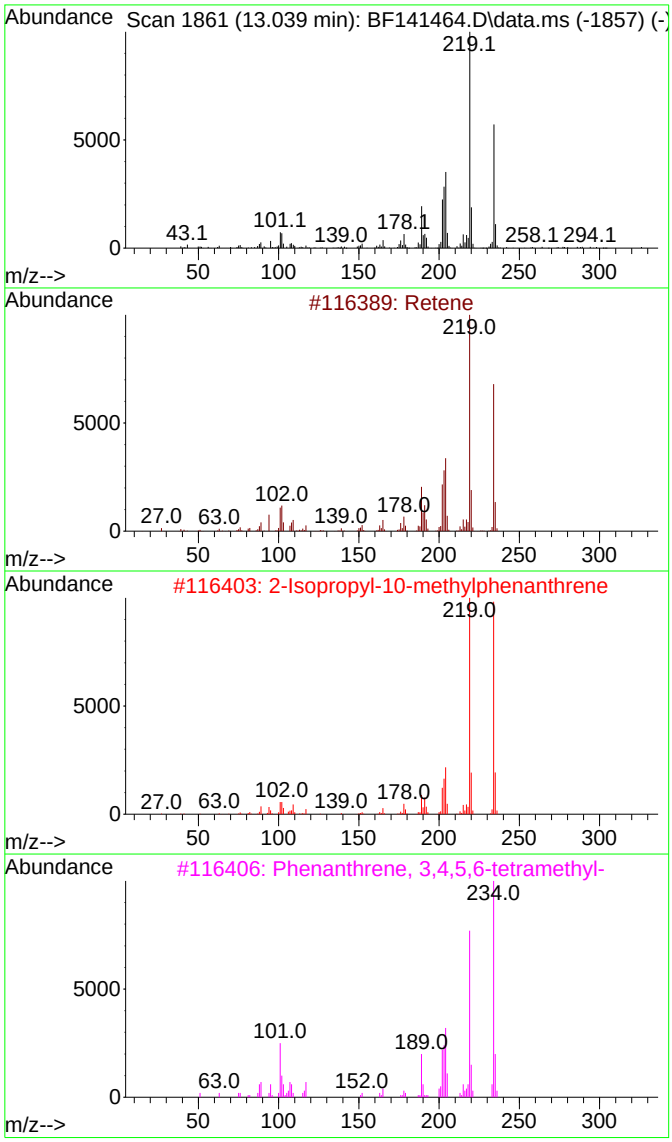
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

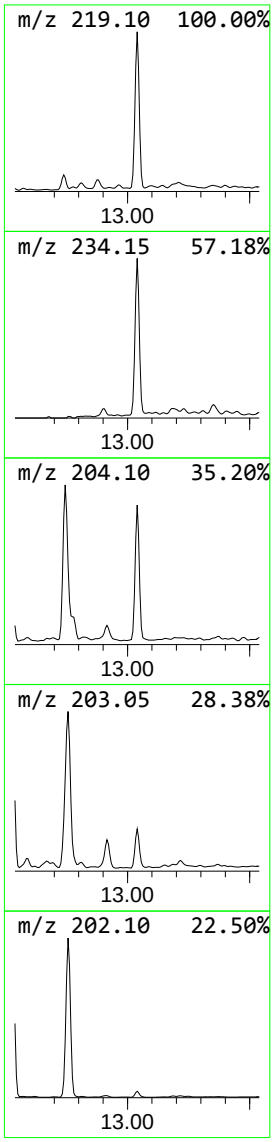
**********

Peak Number 15 Retene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.039 | 5.59 ng | 174654 | Chrysene-d12 | 13.957 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Retene | 234 | C18H18 | 000483-65-8 | 95 |
| 2 | 2-Isopropyl-10-methylphenanthrene | 234 | C18H18 | 066552-97-4 | 94 |
| 3 | Phenanthrene, 3,4,5,6-tetramethyl- | 234 | C18H18 | 007343-06-8 | 90 |
| 4 | Phenanthrene, 2,4,5,7-tetramethyl- | 234 | C18H18 | 007396-38-5 | 72 |
| 5 | Ethanone, 1-(4,6-dihydroxy-2,3,5... | 234 | C13H14O4 | 021987-07-5 | 60 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141464.D
Acq On : 05 Feb 2025 22:49
Operator : RC/JU
Sample : Q1207-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-5.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Hexadecane | 9.228 | 3.5 | ng | 77954 | 3 | 9.828 | 440101 | 20.0 |
| Heptadecane | 9.757 | 3.6 | ng | 79118 | 3 | 9.828 | 440101 | 20.0 |
| 2,6-Bis(chlorom... | 10.028 | 2.1 | ng | 45237 | 3 | 9.828 | 440101 | 20.0 |
| Tetradecane | 10.257 | 3.8 | ng | 84174 | 3 | 9.828 | 440101 | 20.0 |
| Benzophenone | 10.539 | 7.0 | ng | 153488 | 3 | 9.828 | 440101 | 20.0 |
| Tridecane | 10.739 | 4.8 | ng | 118216 | 4 | 11.316 | 488570 | 20.0 |
| Octacosane | 11.180 | 3.5 | ng | 85609 | 4 | 11.316 | 488570 | 20.0 |
| Dibenzothiophene | 11.210 | 2.4 | ng | 57967 | 4 | 11.316 | 488570 | 20.0 |
| unknown11.610 | 11.610 | 2.4 | ng | 58327 | 4 | 11.316 | 488570 | 20.0 |
| Anthracene, 1-m... | 11.816 | 2.3 | ng | 55011 | 4 | 11.316 | 488570 | 20.0 |
| Phenanthrene, 1... | 11.845 | 4.5 | ng | 110811 | 4 | 11.316 | 488570 | 20.0 |
| 4H-Cyclopenta[d... | 11.927 | 6.8 | ng | 165921 | 4 | 11.316 | 488570 | 20.0 |
| 4b,8-Dimethyl-2... | 12.263 | 3.2 | ng | 78880 | 4 | 11.316 | 488570 | 20.0 |
| unknown12.410 | 12.410 | 3.3 | ng | 80369 | 4 | 11.316 | 488570 | 20.0 |
| Retene | 13.039 | 5.6 | ng | 174654 | 5 | 13.957 | 624722 | 20.0 |