LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124911.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.116 | 3 | 5 | 9 | rVB | 17315 | 16717 | 13.02% | 1.148% |
| 2 | 5.069 | 504 | 507 | 510 | rBB | 2293 | 2254 | 1.76% | 0.155% |
| 3 | 5.469 | 571 | 575 | 578 | rBV | 122459 | 102967 | 80.21% | 7.070% |
| 4 | 6.481 | 743 | 747 | 750 | rBB | 120675 | 106896 | 83.27% | 7.340% |
| 5 | 6.851 | 808 | 810 | 813 | rBB | 36017 | 27978 | 21.79% | 1.921% |
| 6 | 7.416 | 902 | 906 | 909 | rBB | 86076 | 71120 | 55.40% | 4.884% |
| 7 | 8.033 | 1009 | 1011 | 1014 | rBB | 2571 | 2184 | 1.70% | 0.150% |
| 8 | 8.133 | 1025 | 1028 | 1031 | rBV | 44122 | 38205 | 29.76% | 2.623% |
| 9 | 8.157 | 1031 | 1032 | 1034 | rVB | 3974 | 1951 | 1.52% | 0.134% |
| 10 | 8.845 | 1147 | 1149 | 1152 | rBB | 7708 | 6265 | 4.88% | 0.430% |
| 11 | 8.945 | 1164 | 1166 | 1169 | rBB | 14655 | 10626 | 8.28% | 0.730% |
| 12 | 9.210 | 1207 | 1211 | 1214 | rBV | 169405 | 128376 | 100.00% | 8.815% |
| 13 | 9.474 | 1253 | 1256 | 1259 | rBB2 | 4095 | 4730 | 3.68% | 0.325% |
| 14 | 9.545 | 1265 | 1268 | 1271 | rBV | 13951 | 11683 | 9.10% | 0.802% |
| 15 | 9.574 | 1271 | 1273 | 1275 | rVB | 7898 | 5125 | 3.99% | 0.352% |
| 16 | 9.663 | 1286 | 1288 | 1293 | rBB | 6090 | 5235 | 4.08% | 0.359% |
| 17 | 9.745 | 1300 | 1302 | 1305 | rBB2 | 7068 | 5634 | 4.39% | 0.387% |
| 18 | 9.886 | 1324 | 1326 | 1329 | rVB | 52487 | 43257 | 33.70% | 2.970% |
| 19 | 9.922 | 1330 | 1332 | 1334 | rBB | 2838 | 2023 | 1.58% | 0.139% |
| 20 | 10.086 | 1358 | 1360 | 1364 | rBB2 | 4076 | 3474 | 2.71% | 0.239% |
| 21 | 10.127 | 1365 | 1367 | 1370 | rBB | 4196 | 3264 | 2.54% | 0.224% |
| 22 | 10.204 | 1377 | 1380 | 1382 | rBB | 3990 | 3389 | 2.64% | 0.233% |
| 23 | 10.233 | 1383 | 1385 | 1387 | rBB | 2947 | 1832 | 1.43% | 0.126% |
| 24 | 10.292 | 1392 | 1395 | 1397 | rBV2 | 1822 | 2514 | 1.96% | 0.173% |
| 25 | 10.433 | 1416 | 1419 | 1423 | rBB2 | 12791 | 11457 | 8.92% | 0.787% |
| 26 | 10.592 | 1444 | 1446 | 1448 | rBB | 2034 | 1685 | 1.31% | 0.116% |
| 27 | 10.674 | 1457 | 1460 | 1463 | rBB | 76225 | 55860 | 43.51% | 3.836% |
| 28 | 10.980 | 1508 | 1512 | 1515 | rBB | 6999 | 8454 | 6.59% | 0.581% |
| 29 | 11.010 | 1515 | 1517 | 1519 | rBB | 7603 | 4518 | 3.52% | 0.310% |
| 30 | 11.069 | 1524 | 1527 | 1529 | rBB | 3883 | 3329 | 2.59% | 0.229% |
| 31 | 11.180 | 1544 | 1546 | 1548 | rBB | 3629 | 2623 | 2.04% | 0.180% |
| 32 | 11.268 | 1559 | 1561 | 1564 | rBB | 6045 | 4306 | 3.35% | 0.296% |
| 33 | 11.374 | 1576 | 1579 | 1581 | rBV | 49494 | 40730 | 31.73% | 2.797% |
| 34 | 11.398 | 1581 | 1583 | 1587 | rVB | 80996 | 65202 | 50.79% | 4.477% |
| 35 | 11.451 | 1589 | 1592 | 1594 | rBB | 4008 | 3427 | 2.67% | 0.235% |
| 36 | 11.486 | 1595 | 1598 | 1600 | rBB2 | 3102 | 3260 | 2.54% | 0.224% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.610 | 1617 | 1619 | 1623 | rBB | 1524 | 1648 | 1.28% | 0.113% |
| 38 | 11.704 | 1631 | 1635 | 1638 | rBB | 6913 | 5667 | 4.41% | 0.389% |
| 39 | 11.786 | 1646 | 1649 | 1652 | rVB | 4335 | 4055 | 3.16% | 0.278% |
| 40 | 11.874 | 1661 | 1664 | 1667 | rBV | 32312 | 25987 | 20.24% | 1.784% |
| 41 | 11.904 | 1667 | 1669 | 1672 | rVB | 38800 | 28151 | 21.93% | 1.933% |
| 42 | 11.951 | 1675 | 1677 | 1679 | rBV2 | 4459 | 3326 | 2.59% | 0.228% |
| 43 | 11.986 | 1679 | 1683 | 1685 | rVV2 | 30316 | 29668 | 23.11% | 2.037% |
| 44 | 12.010 | 1685 | 1687 | 1690 | rVB | 26605 | 20045 | 15.61% | 1.376% |
| 45 | 12.168 | 1712 | 1714 | 1716 | rBV | 8768 | 6067 | 4.73% | 0.417% |
| 46 | 12.198 | 1716 | 1719 | 1722 | rVB2 | 5679 | 5669 | 4.42% | 0.389% |
| 47 | 12.321 | 1738 | 1740 | 1742 | rVB | 3967 | 2814 | 2.19% | 0.193% |
| 48 | 12.351 | 1742 | 1745 | 1747 | rBV | 7321 | 5775 | 4.50% | 0.397% |
| 49 | 12.374 | 1747 | 1749 | 1752 | rVB2 | 3897 | 3020 | 2.35% | 0.207% |
| 50 | 12.427 | 1755 | 1758 | 1760 | rBV | 20350 | 17766 | 13.84% | 1.220% |
| 51 | 12.463 | 1760 | 1764 | 1766 | rVV2 | 11220 | 14230 | 11.08% | 0.977% |
| 52 | 12.480 | 1766 | 1767 | 1770 | rVV | 7197 | 4256 | 3.32% | 0.292% |
| 53 | 12.510 | 1770 | 1772 | 1777 | rVB2 | 6590 | 8875 | 6.91% | 0.609% |
| 54 | 12.586 | 1782 | 1785 | 1788 | rVB | 47381 | 36537 | 28.46% | 2.509% |
| 55 | 12.633 | 1789 | 1793 | 1794 | rBV | 2980 | 2063 | 1.61% | 0.142% |
| 56 | 12.651 | 1794 | 1796 | 1799 | rVB2 | 4445 | 3208 | 2.50% | 0.220% |
| 57 | 12.686 | 1799 | 1802 | 1804 | rBB | 1974 | 1776 | 1.38% | 0.122% |
| 58 | 12.715 | 1805 | 1807 | 1809 | rBB | 2835 | 1822 | 1.42% | 0.125% |
| 59 | 12.739 | 1809 | 1811 | 1813 | rBB | 2169 | 1617 | 1.26% | 0.111% |
| 60 | 12.815 | 1819 | 1824 | 1830 | rBB | 57771 | 52632 | 41.00% | 3.614% |
| 61 | 12.868 | 1830 | 1833 | 1836 | rBB2 | 3755 | 3869 | 3.01% | 0.266% |
| 62 | 12.927 | 1840 | 1843 | 1845 | rBV2 | 1787 | 1818 | 1.42% | 0.125% |
| 63 | 12.957 | 1845 | 1848 | 1851 | rBV | 122988 | 95658 | 74.51% | 6.569% |
| 64 | 13.033 | 1857 | 1861 | 1868 | rBB3 | 7017 | 9139 | 7.12% | 0.628% |
| 65 | 13.145 | 1873 | 1880 | 1883 | rBB2 | 15095 | 20428 | 15.91% | 1.403% |
| 66 | 13.210 | 1889 | 1891 | 1894 | rVB | 8479 | 6432 | 5.01% | 0.442% |
| 67 | 13.245 | 1894 | 1897 | 1900 | rBB2 | 13263 | 11136 | 8.67% | 0.765% |
| 68 | 13.339 | 1910 | 1913 | 1916 | rBV | 13145 | 10095 | 7.86% | 0.693% |
| 69 | 13.368 | 1916 | 1918 | 1922 | rVB | 10983 | 9212 | 7.18% | 0.633% |
| 70 | 13.545 | 1944 | 1948 | 1949 | rBV | 2411 | 2108 | 1.64% | 0.145% |
| 71 | 13.562 | 1949 | 1951 | 1955 | rVB2 | 3834 | 3735 | 2.91% | 0.256% |
| 72 | 13.627 | 1959 | 1962 | 1964 | rBV | 2263 | 3358 | 2.62% | 0.231% |
| 73 | 13.651 | 1964 | 1966 | 1970 | rVB3 | 5974 | 5982 | 4.66% | 0.411% |
| 74 | 13.710 | 1974 | 1976 | 1980 | rBB | 1955 | 1937 | 1.51% | 0.133% |
| 75 | 13.762 | 1980 | 1985 | 1988 | rBV5 | 3859 | 6556 | 5.11% | 0.450% |
| 76 | 13.786 | 1988 | 1989 | 1992 | rVB | 3971 | 2388 | 1.86% | 0.164% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.857 | 1999 | 2001 | 2005 | rVB | 2369 | 2656 | 2.07% | 0.182% |
| 78 | 14.009 | 2023 | 2027 | 2030 | rBV2 | 37874 | 46467 | 36.20% | 3.191% |
| 79 | 14.039 | 2030 | 2032 | 2039 | rVB | 22562 | 18424 | 14.35% | 1.265% |
| 80 | 14.157 | 2050 | 2052 | 2053 | rBV | 2772 | 1728 | 1.35% | 0.119% |
| 81 | 14.398 | 2089 | 2093 | 2096 | rBV | 9761 | 9873 | 7.69% | 0.678% |
| 82 | 14.433 | 2096 | 2099 | 2101 | rVB | 5531 | 4762 | 3.71% | 0.327% |
| 83 | 14.468 | 2102 | 2105 | 2107 | rBV | 1923 | 1811 | 1.41% | 0.124% |
| 84 | 14.492 | 2107 | 2109 | 2111 | rVB | 3030 | 2227 | 1.73% | 0.153% |
| 85 | 14.521 | 2111 | 2114 | 2117 | rBV | 5789 | 5419 | 4.22% | 0.372% |
| 86 | 15.051 | 2199 | 2204 | 2207 | rBV3 | 8804 | 12957 | 10.09% | 0.890% |
| 87 | 15.074 | 2207 | 2208 | 2211 | rVB | 4863 | 2836 | 2.21% | 0.195% |
| 88 | 15.156 | 2219 | 2222 | 2225 | rBB | 1962 | 1635 | 1.27% | 0.112% |
| 89 | 15.351 | 2252 | 2255 | 2259 | rBB | 7984 | 7438 | 5.79% | 0.511% |
| 90 | 15.415 | 2262 | 2266 | 2270 | rBB | 10877 | 11175 | 8.70% | 0.767% |
| 91 | 15.480 | 2273 | 2277 | 2281 | rBV | 22058 | 25994 | 20.25% | 1.785% |
| 92 | 16.939 | 2520 | 2525 | 2530 | rBB2 | 2616 | 4207 | 3.28% | 0.289% |
| 93 | 17.386 | 2596 | 2601 | 2604 | rBB | 2704 | 3612 | 2.81% | 0.248% |

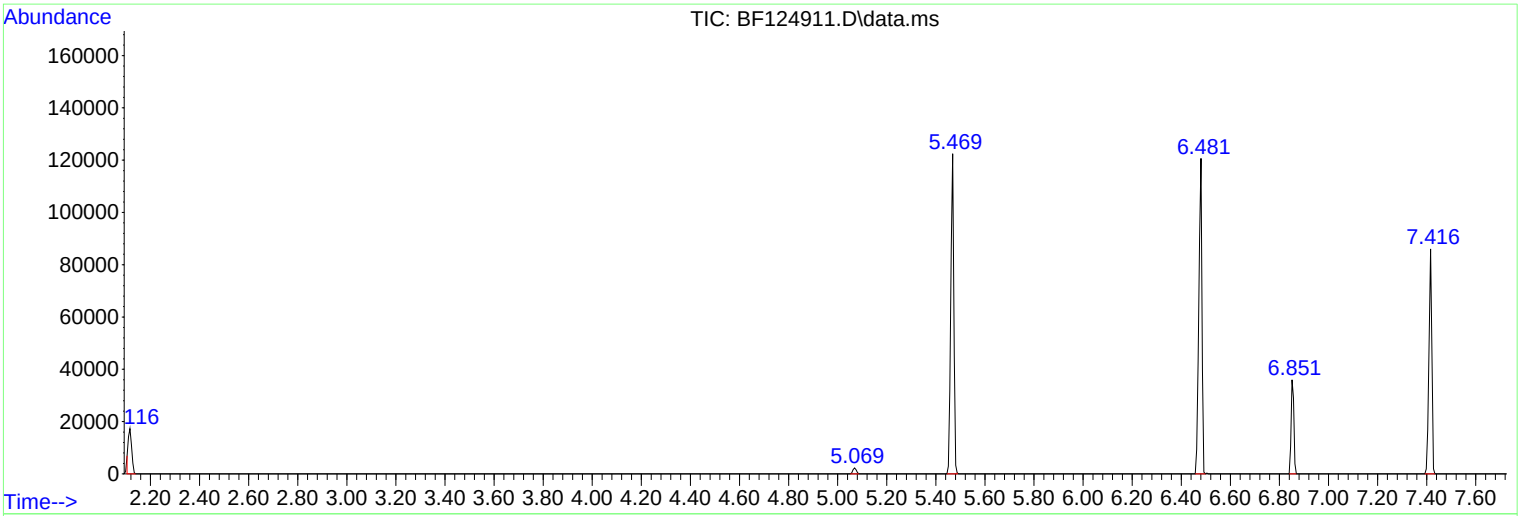
Sum of corrected areas: 1456296

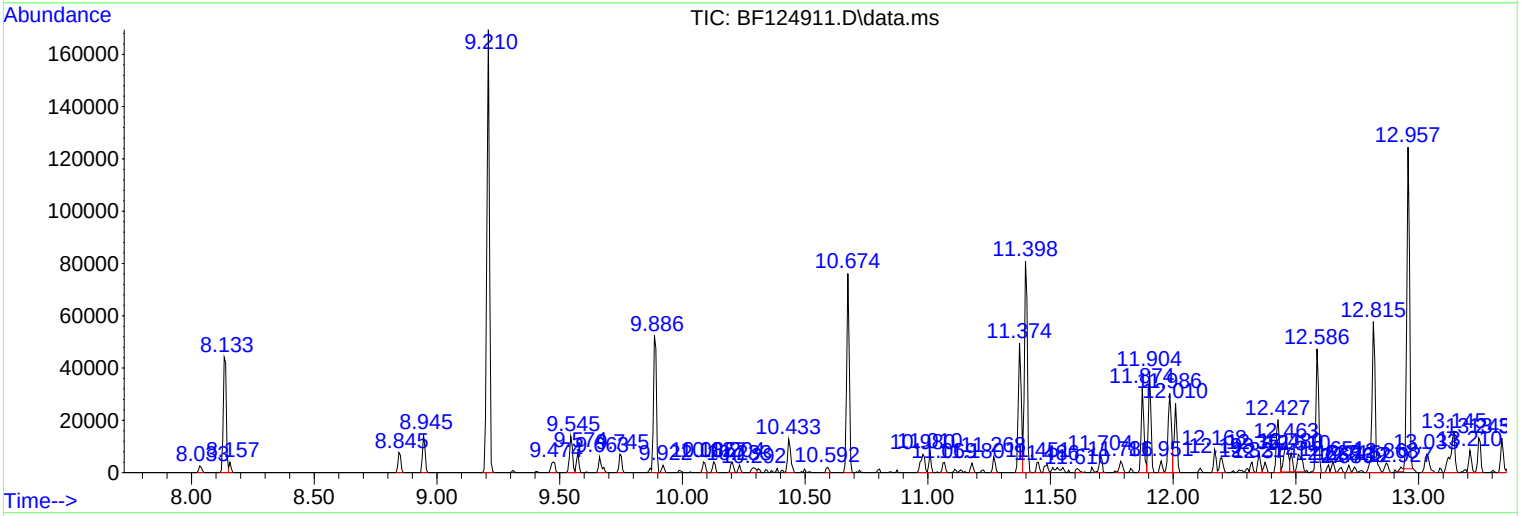
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

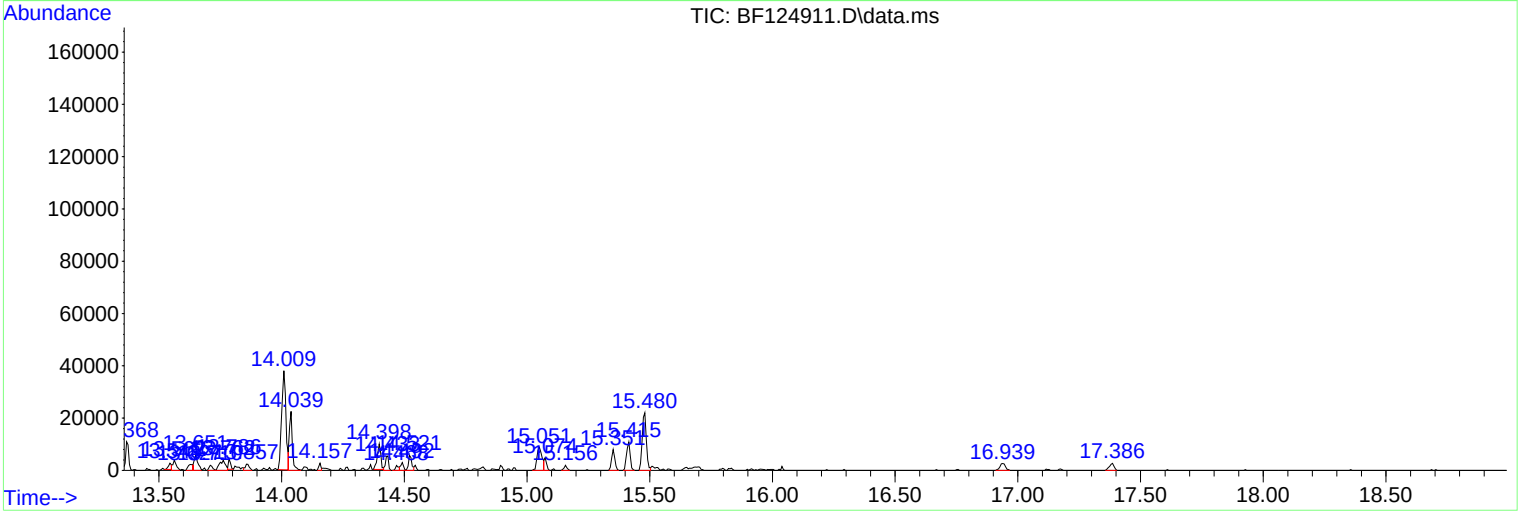
**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

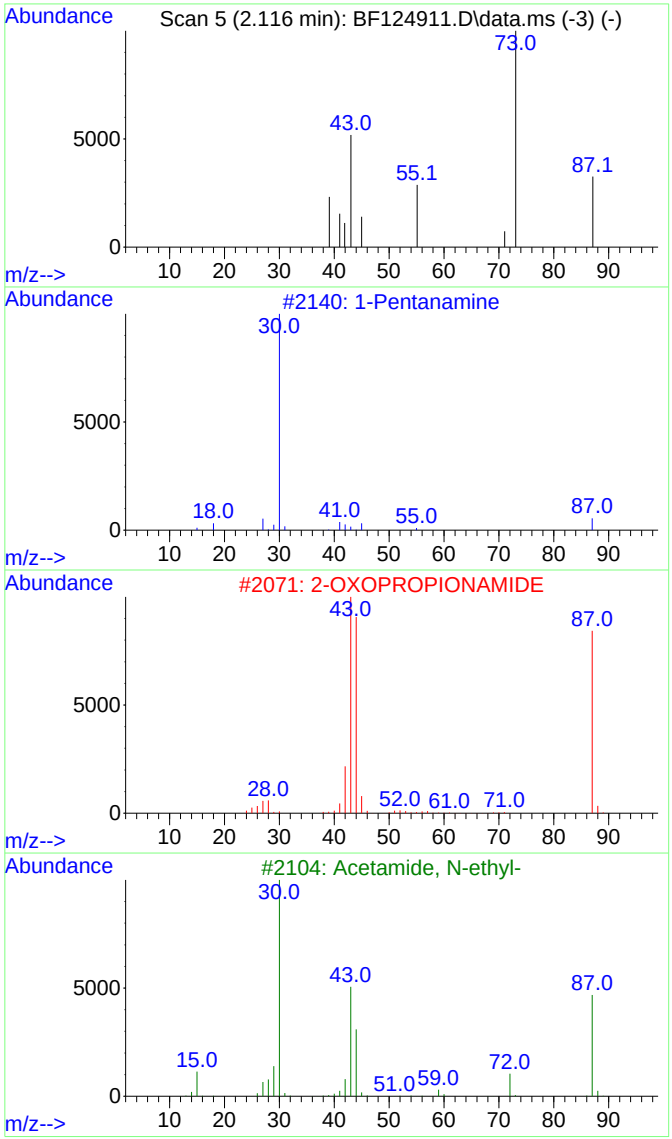
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

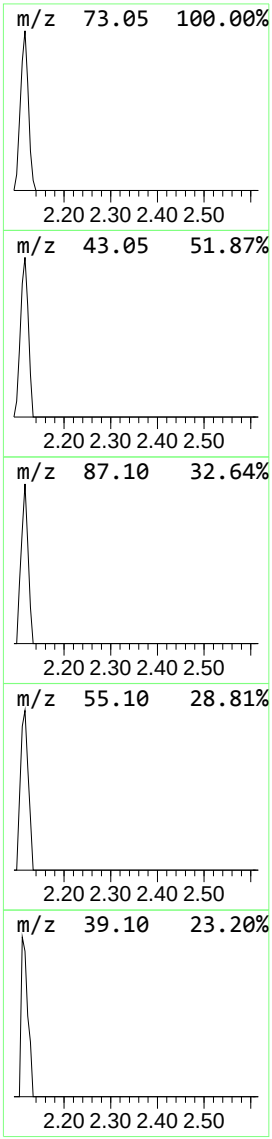
**********

Peak Number 1 unknown2.116 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.116 | 11.95 ng | 16717 | 1,4-Dichlorobenzene-d4 | 6.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Pentanamine | 87 | C5H13N | 000110-58-7 | 5 |
| 2 | 2-OXOPROPIONAMIDE | 87 | C3H5NO2 | 000631-66-3 | 5 |
| 3 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 5 |
| 4 | Acetamide, N-methyl- | 73 | C3H7NO | 000079-16-3 | 5 |
| 5 | Isobutylamine | 73 | C4H11N | 000078-81-9 | 5 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

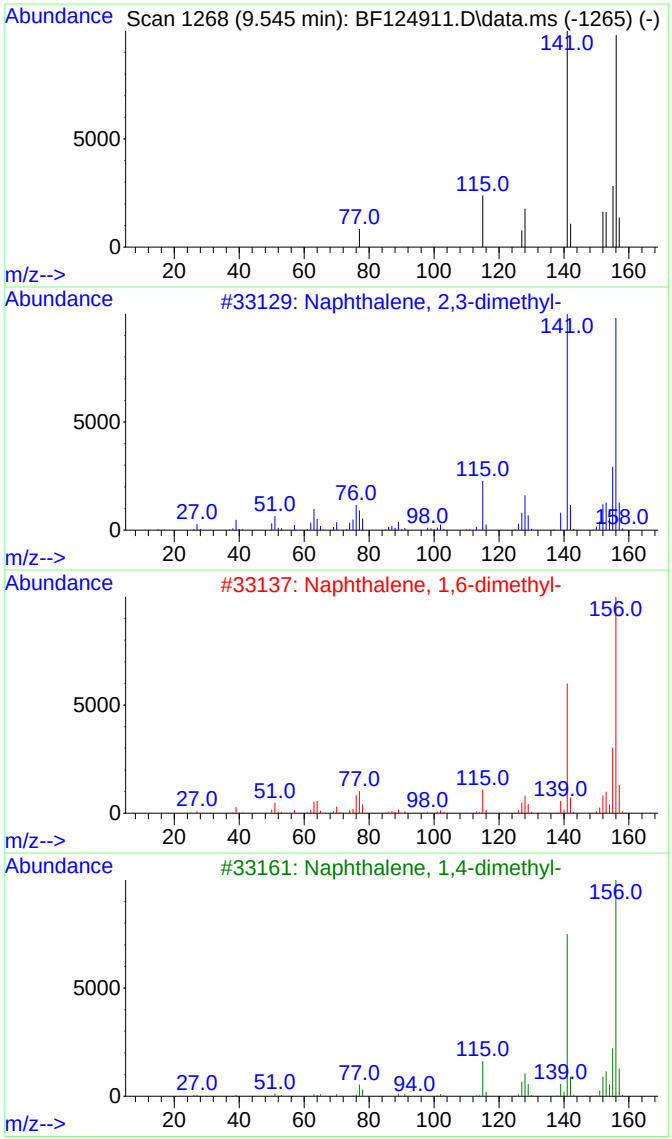
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

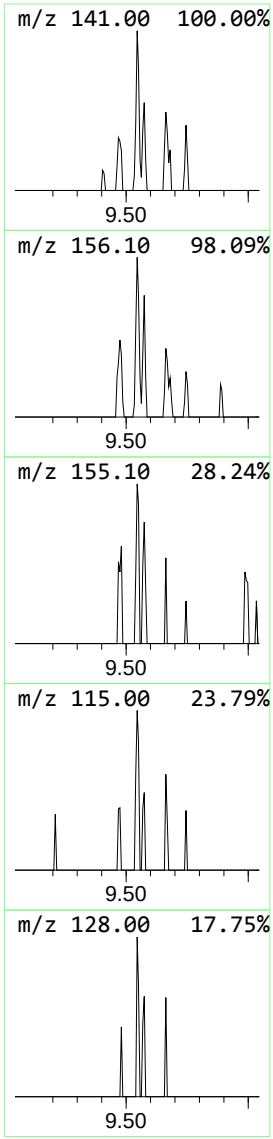
**********

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.545 | 5.40 ng | 11683 | Acenaphthene-d10 | 9.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 94 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 94 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 91 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 91 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

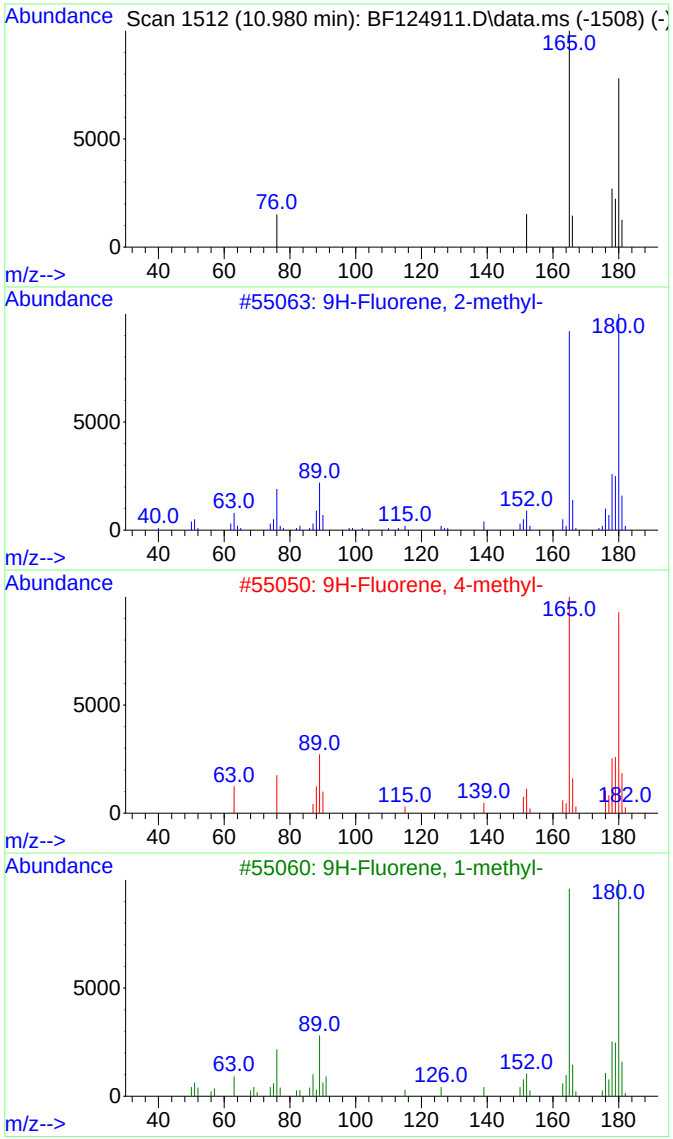
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

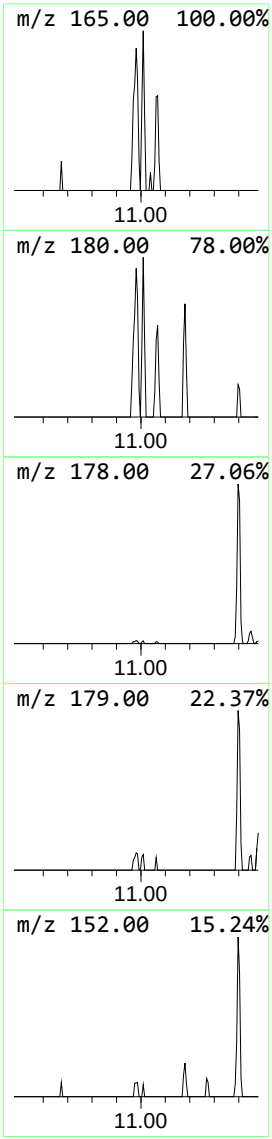
**********

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.980 | 4.15 ng | 8454 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 87 |
| 2 | 9H-Fluorene, 4-methyl- | 180 | C14H12 | 001556-99-6 | 87 |
| 3 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 87 |
| 4 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 86 |
| 5 | 6-Fluoro[1,2,4]triazolo[1,5-a]py... | 180 | C8H9FN4 | 1641556-52-6 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

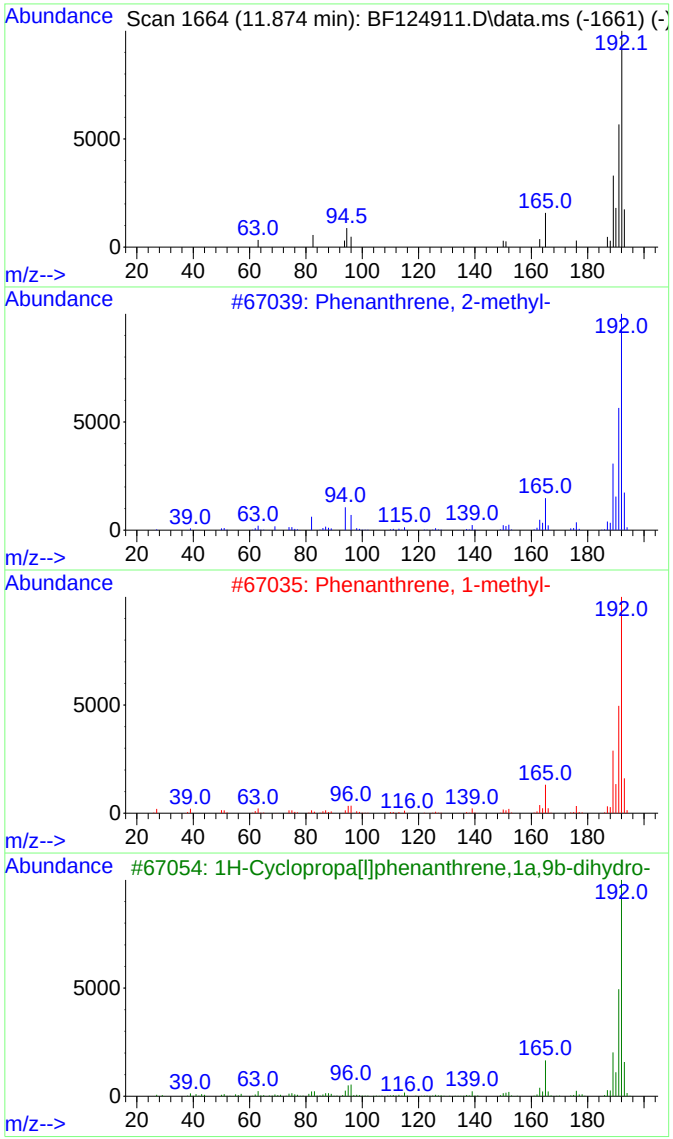
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

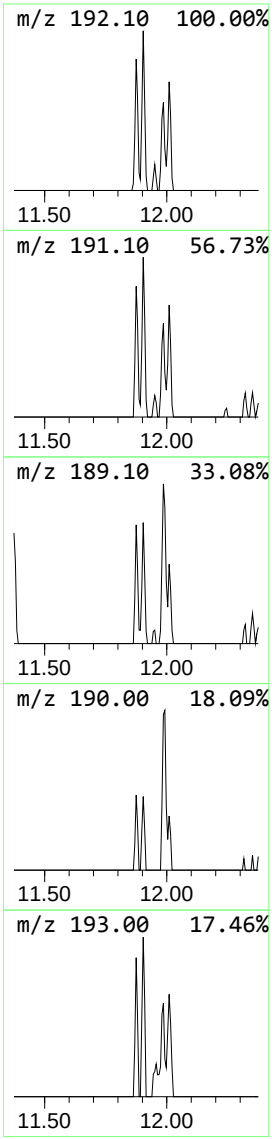
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.874 | 12.76 ng | 25987 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 90 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 87 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 87 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 83 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

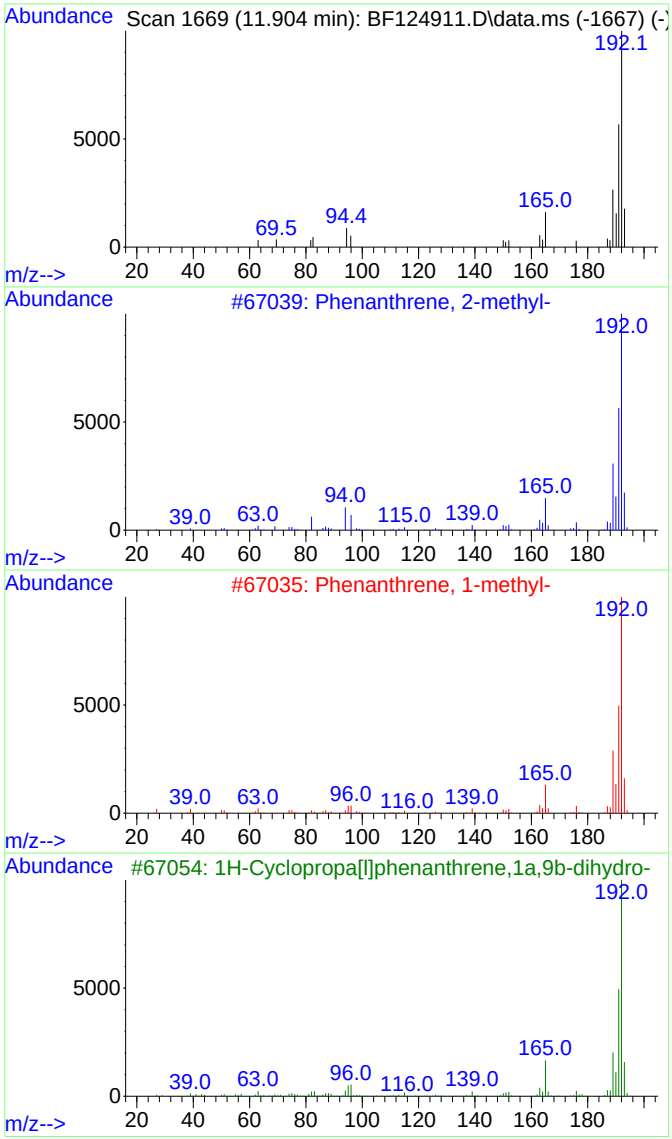
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

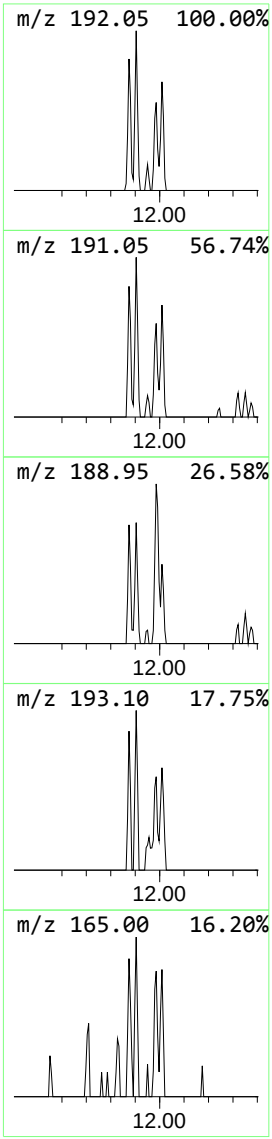
**********

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.904 | 13.82 ng | 28151 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 94 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 94 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 93 |



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Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

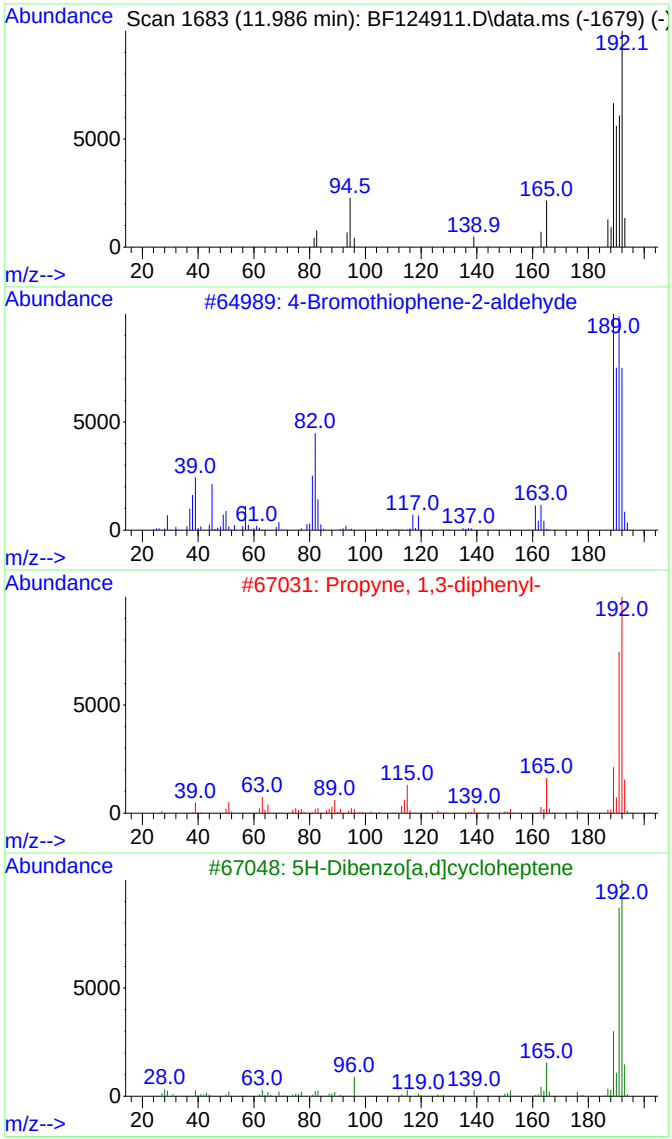
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

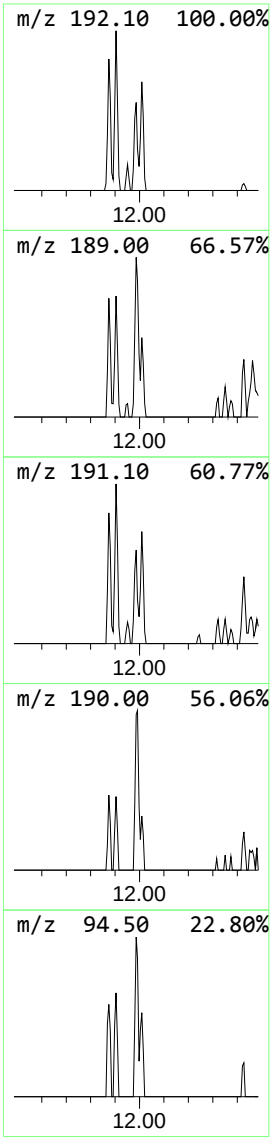
**********

Peak Number 6 unknown11.986 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.986 | 14.57 ng | 29668 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Bromothiophene-2-aldehyde | 190 | C5H3BrOS | 018791-75-8 | 49 |
| 2 | Propyne, 1,3-diphenyl- | 192 | C15H12 | 004980-70-5 | 49 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 47 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 47 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 47 |



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Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

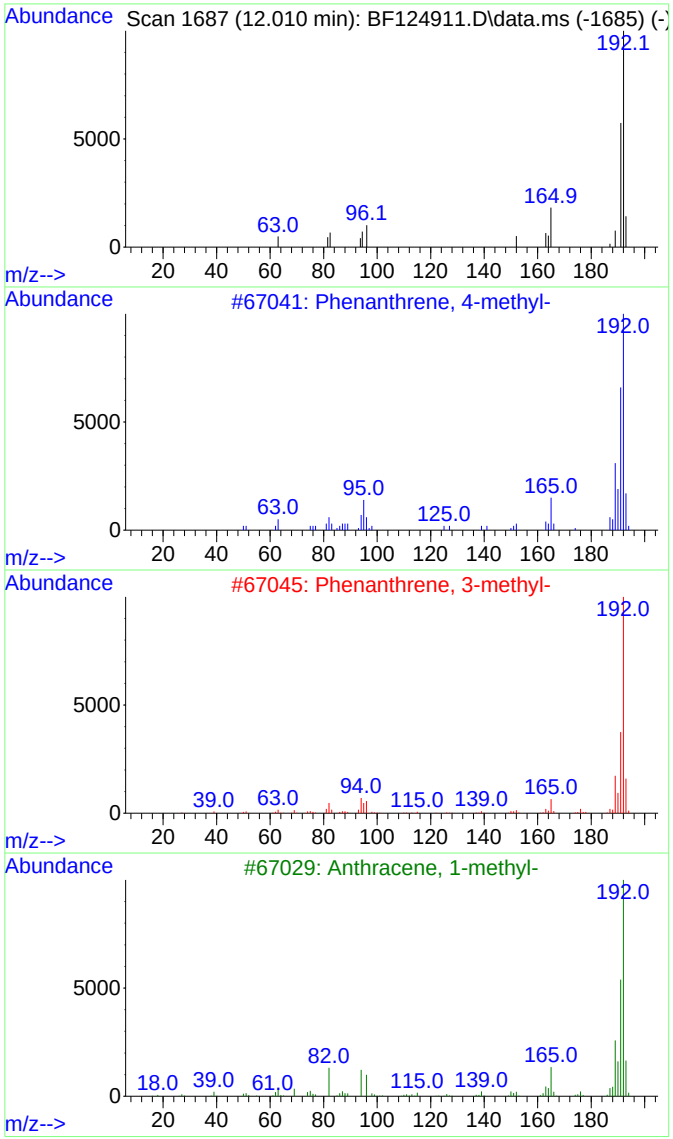
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

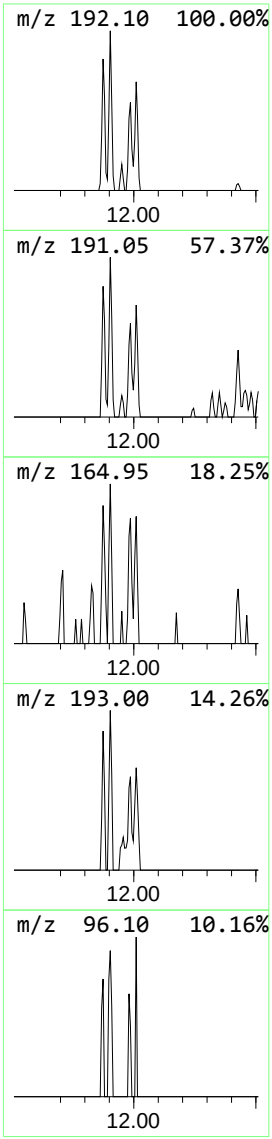
**********

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.010 | 9.84 ng | 20045 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 91 |
| 2 | Phenanthrene, 3-methyl- | 192 | C15H12 | 000832-71-3 | 91 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 90 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 87 |



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Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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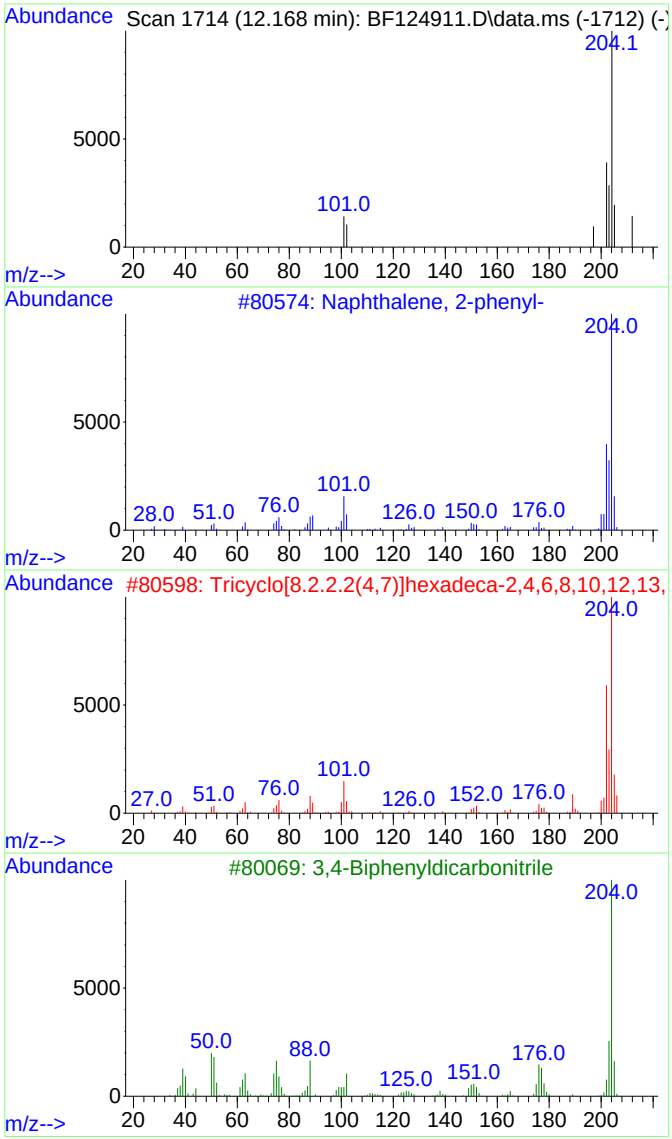
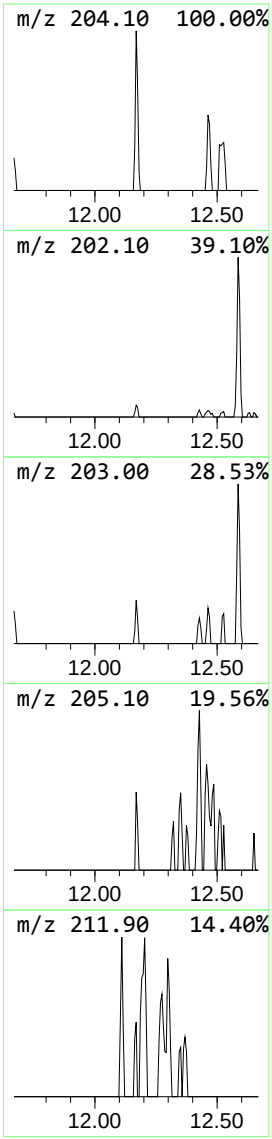
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.168 | 2.98 ng | 6067 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 58 |
| 2 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 53 |
| 3 | 3,4-Biphenyldicarbonitrile | 204 | C14H8N2 | 004128-63-6 | 53 |
| 4 | 5-Amino-6,8-dimethoxyquinoline | 204 | C11H12N2O2 | 1000213-95-2 | 53 |
| 5 | [1,1'-Biphenyl]-2-ol, 3-chloro- | 204 | C12H9ClO | 000085-97-2 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

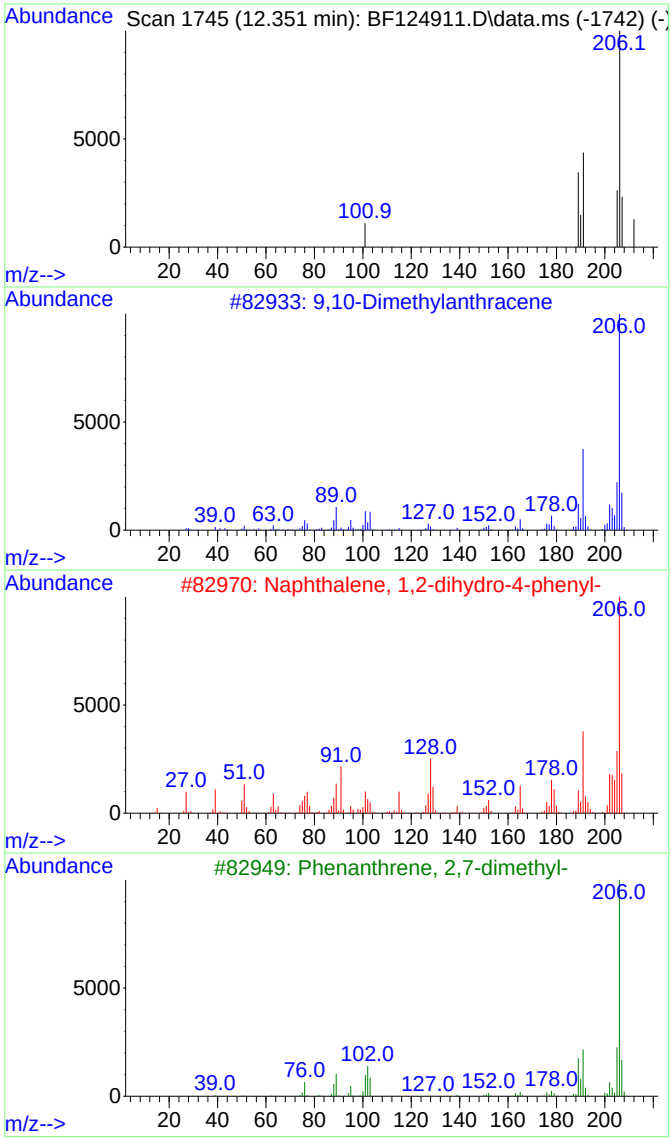
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

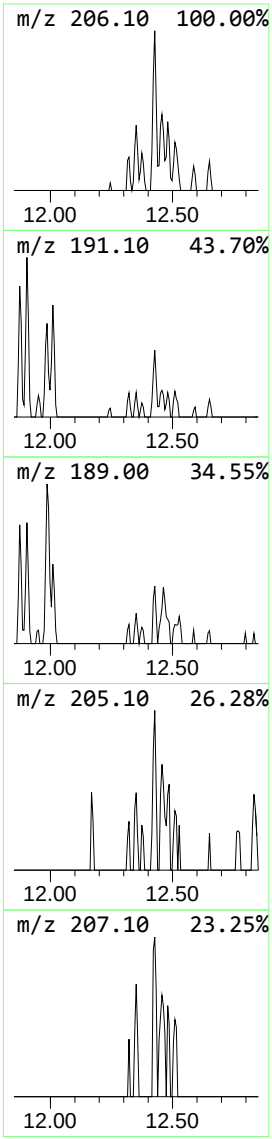
**********

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.351 | 2.84 ng | 5775 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 90 |
| 2 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 90 |
| 3 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 83 |
| 4 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 83 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 80 |



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Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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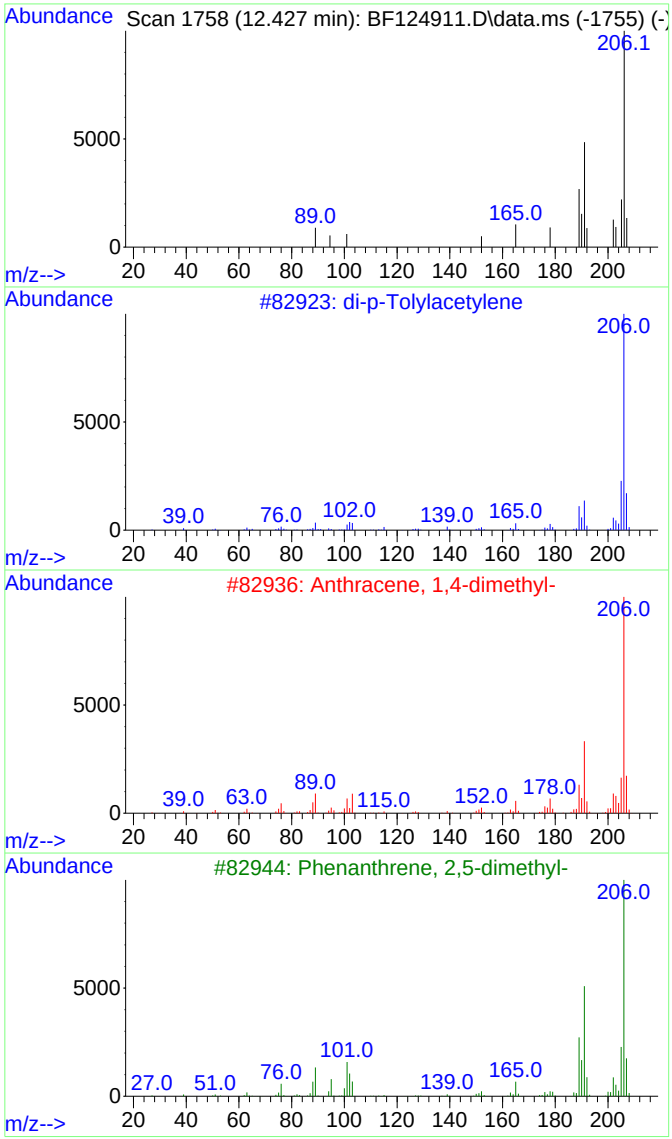
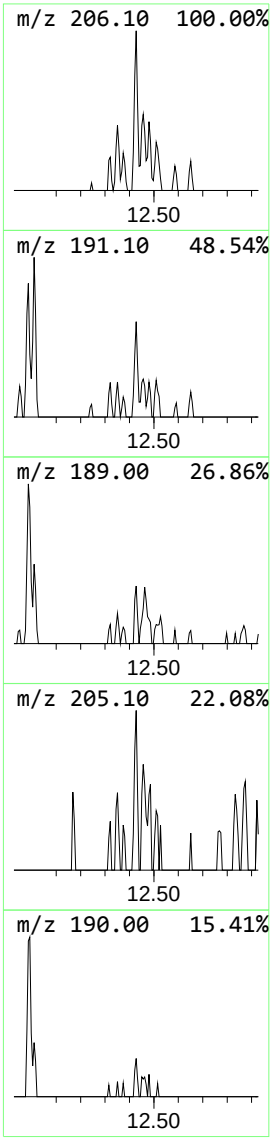
Peak Number 10 di-p-Tolylacetylene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.427 | 8.72 ng | 17766 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 90 |
| 2 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 87 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 87 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 87 |
| 5 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 86 |



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Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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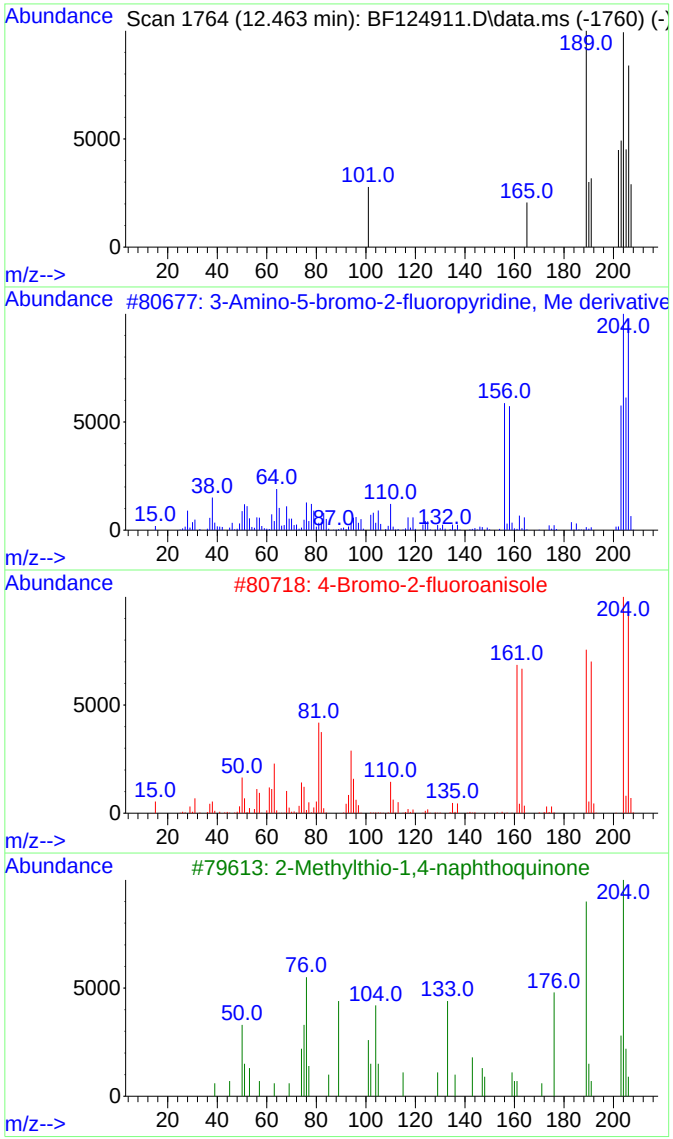
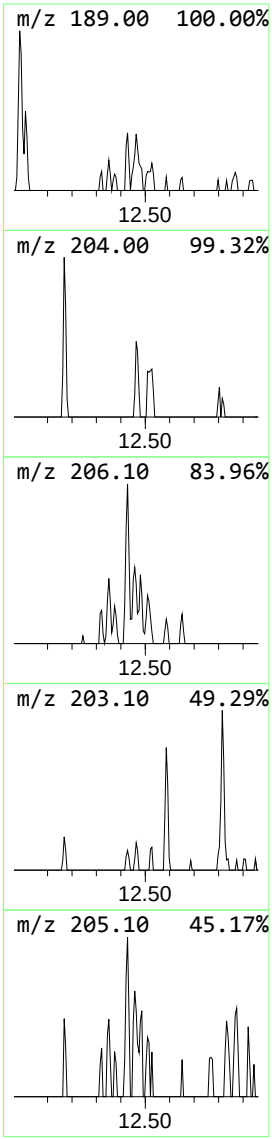
Peak Number 11 3-Amino-5-bromo-2-fluoropyr... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.463 | 6.99 ng | 14230 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Amino-5-bromo-2-fluoropyridine... | 204 | C6H6BrFN2 | 1000496-58-8 | 50 |
| 2 | 4-Bromo-2-fluoroanisole | 204 | C7H6BrFO | 002357-52-0 | 33 |
| 3 | 2-Methylthio-1,4-naphthoquinone | 204 | C11H8O2S | 026037-60-5 | 32 |
| 4 | 1,4-Diphenyl-1,3-butadiene | 206 | C16H14 | 000886-65-7 | 30 |
| 5 | Quinoline, 8-methoxy-5-nitro- | 204 | C10H8N2O3 | 1000298-88-7 | 27 |



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Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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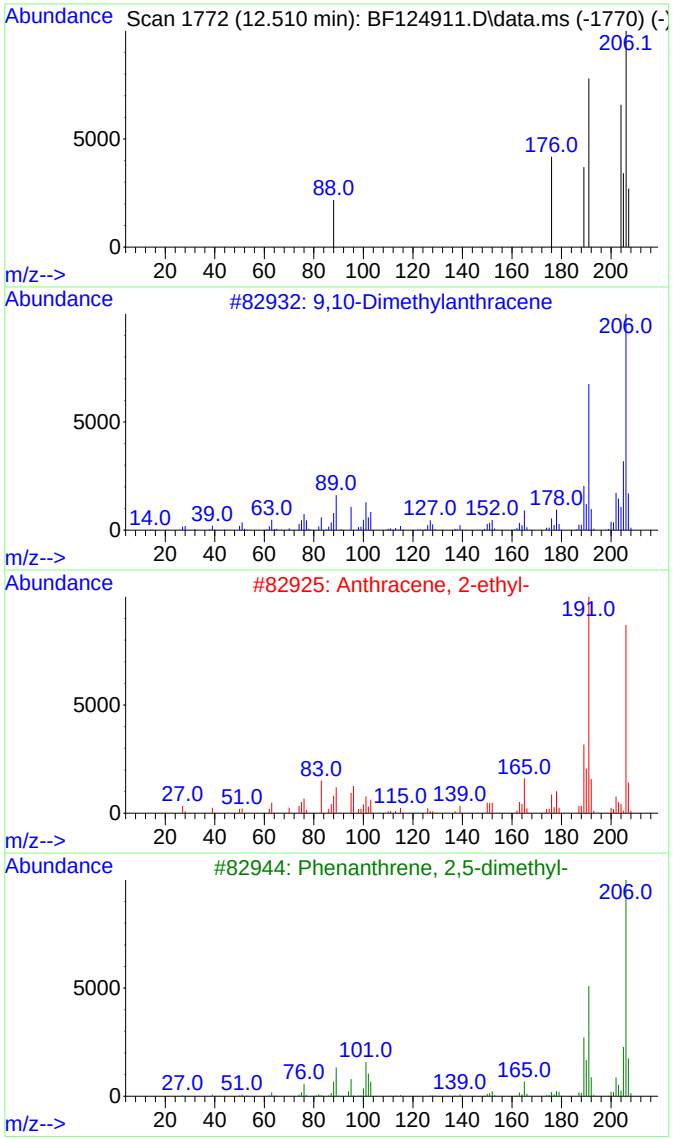
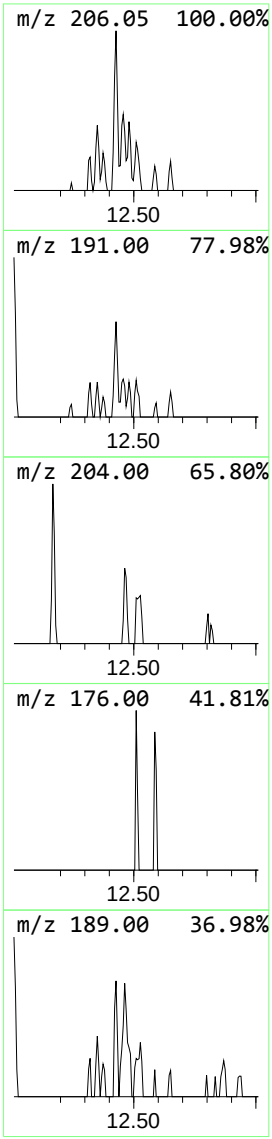
Peak Number 12 unknown12.510 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.510 | 4.36 ng | 8875 | Phenanthrene-d10 | 11.374 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 42 |
| 2 | Anthracene, 2-ethyl- | 206 | C16H14 | 052251-71-5 | 40 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 40 |
| 4 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 40 |
| 5 | Phenanthrene-9-carboxaldehyde | 206 | C15H10O | 004707-71-5 | 38 |



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Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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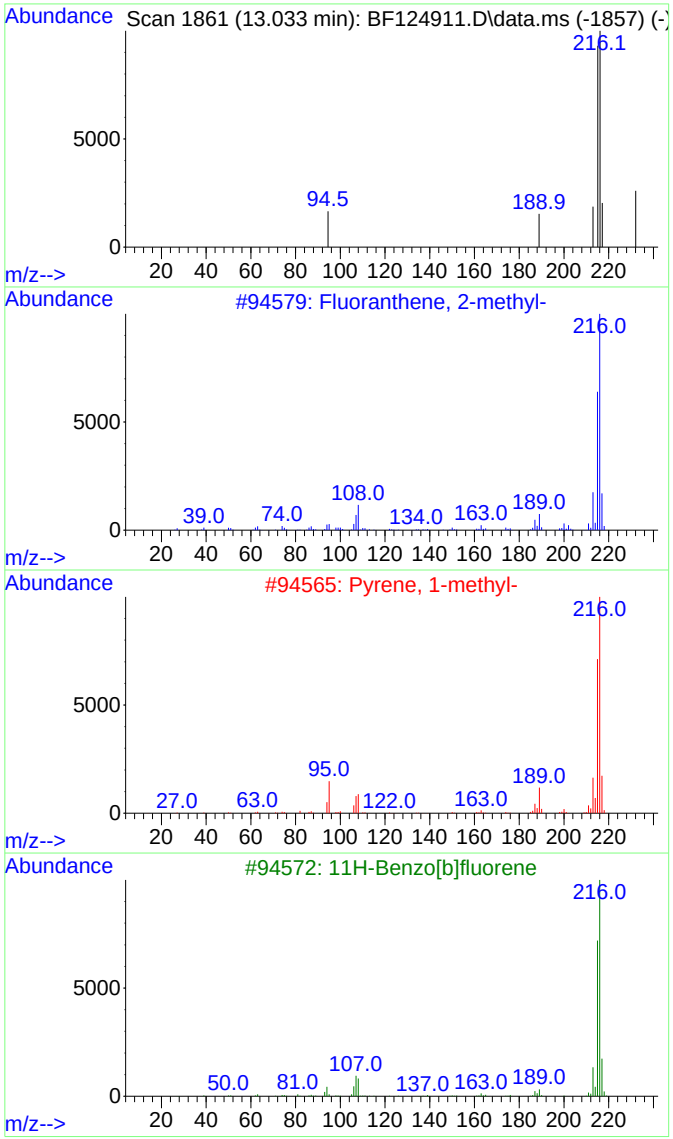
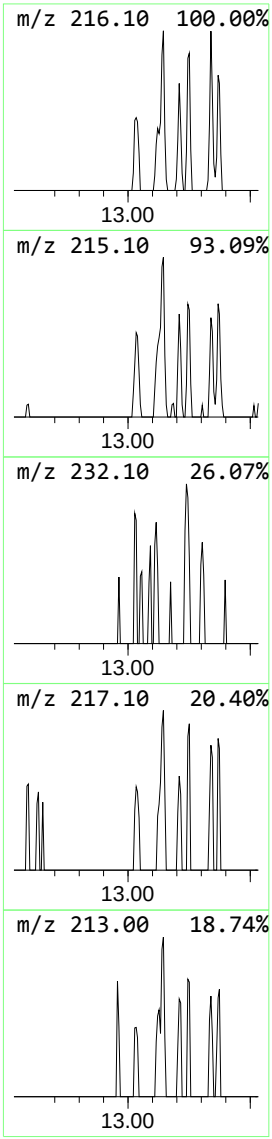
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.033 | 3.93 ng | 9139 | Chrysene-d12 | 14.009 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 86 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 86 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 86 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 78 |
| 5 | 1,3,5-Triazine-2,4,6-triamine, N... | 216 | C10H12N6 | 046731-79-7 | 64 |



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Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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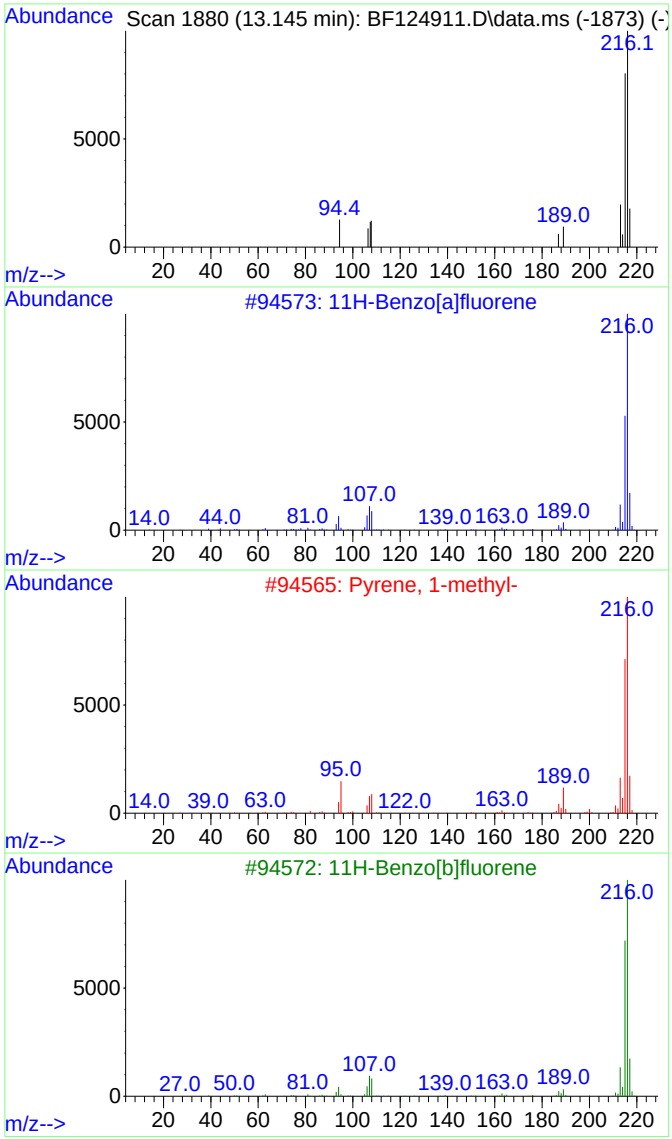
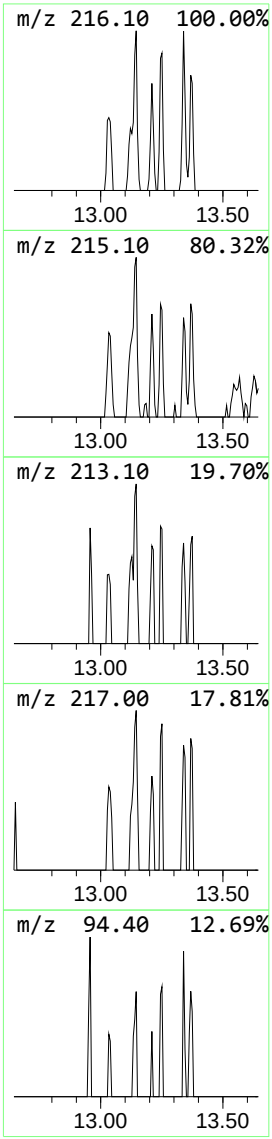
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.145 | 8.79 ng | 20428 | Chrysene-d12 | 14.009 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 91 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 87 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 72 |



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Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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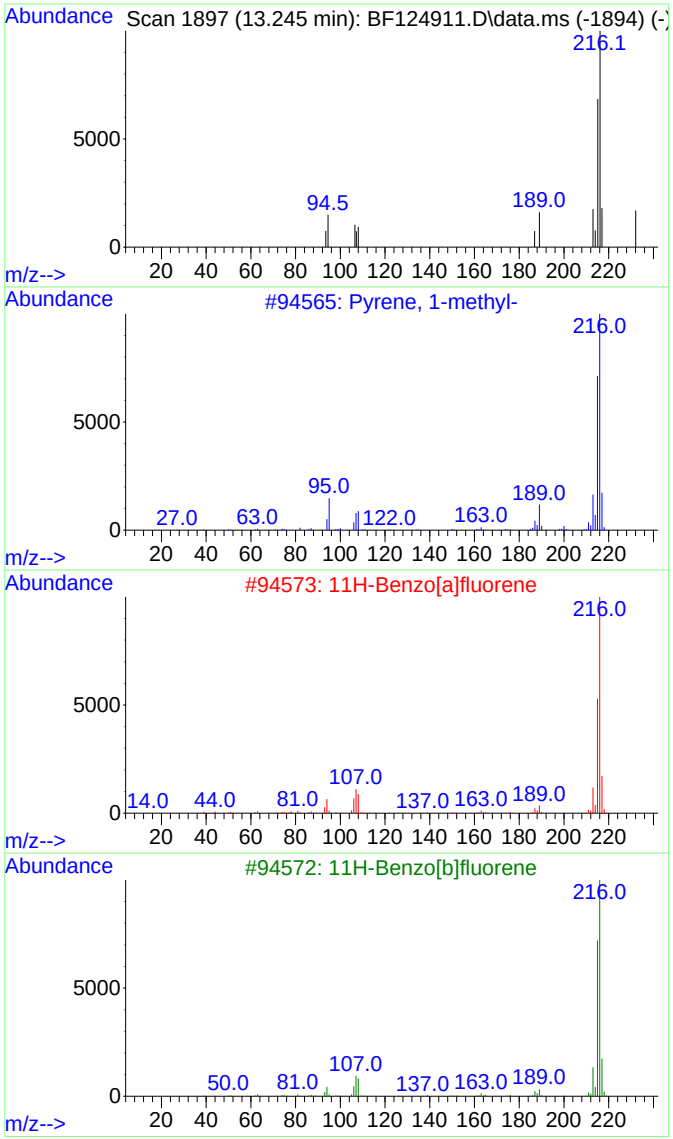
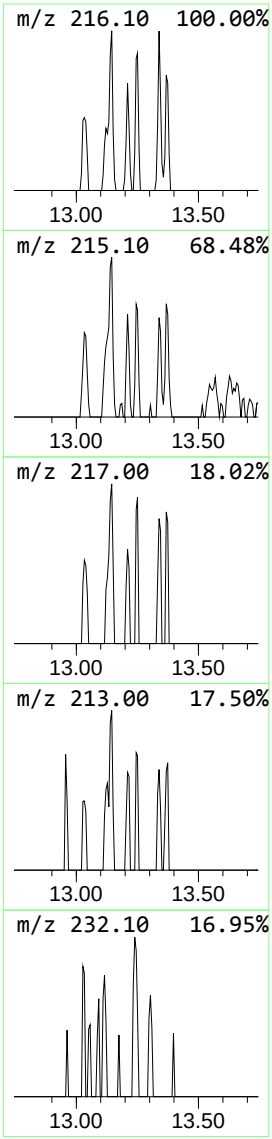
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.245 | 4.79 ng | 11136 | Chrysene-d12 | 14.009 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 91 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 86 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 86 |
| 4 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 80 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 80 |



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Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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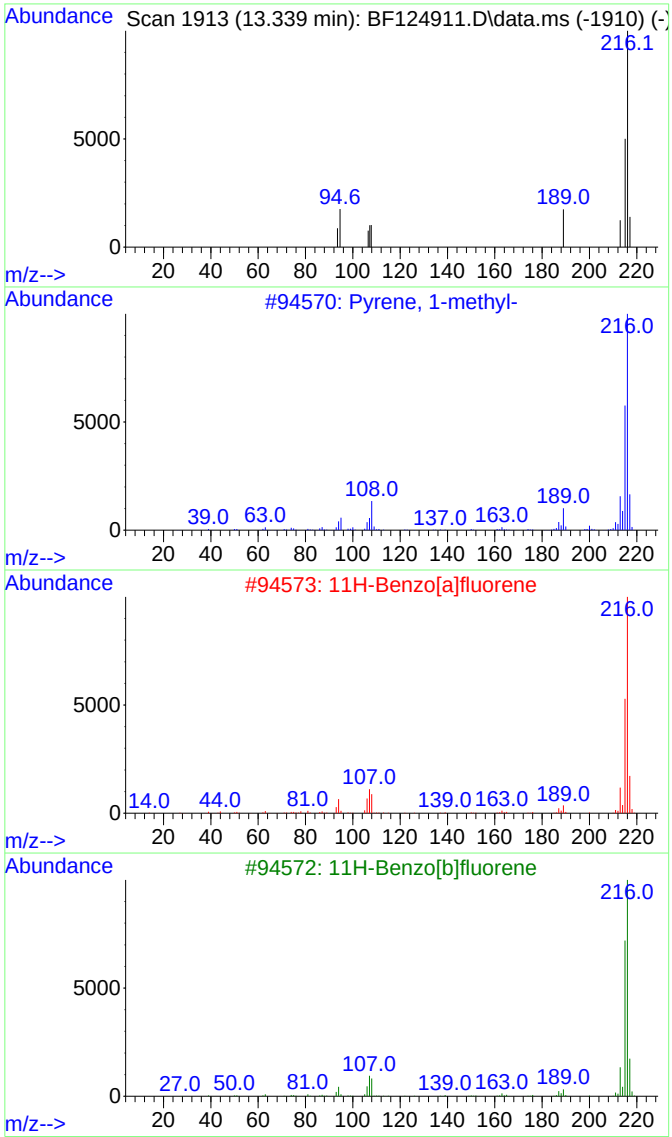
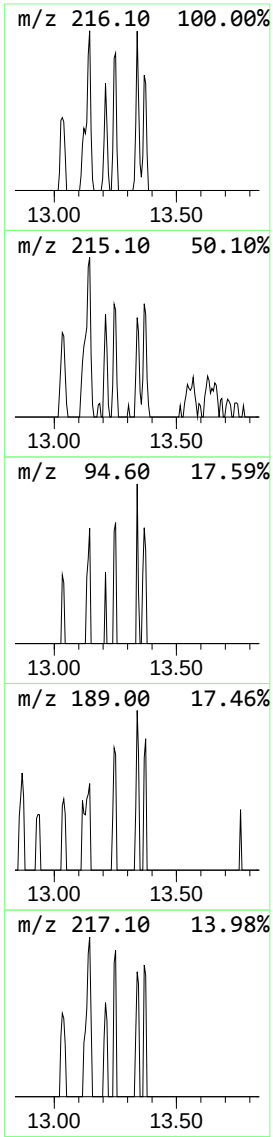
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.339 | 4.35 ng | 10095 | Chrysene-d12 | 14.009 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 90 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 4 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 83 |
| 5 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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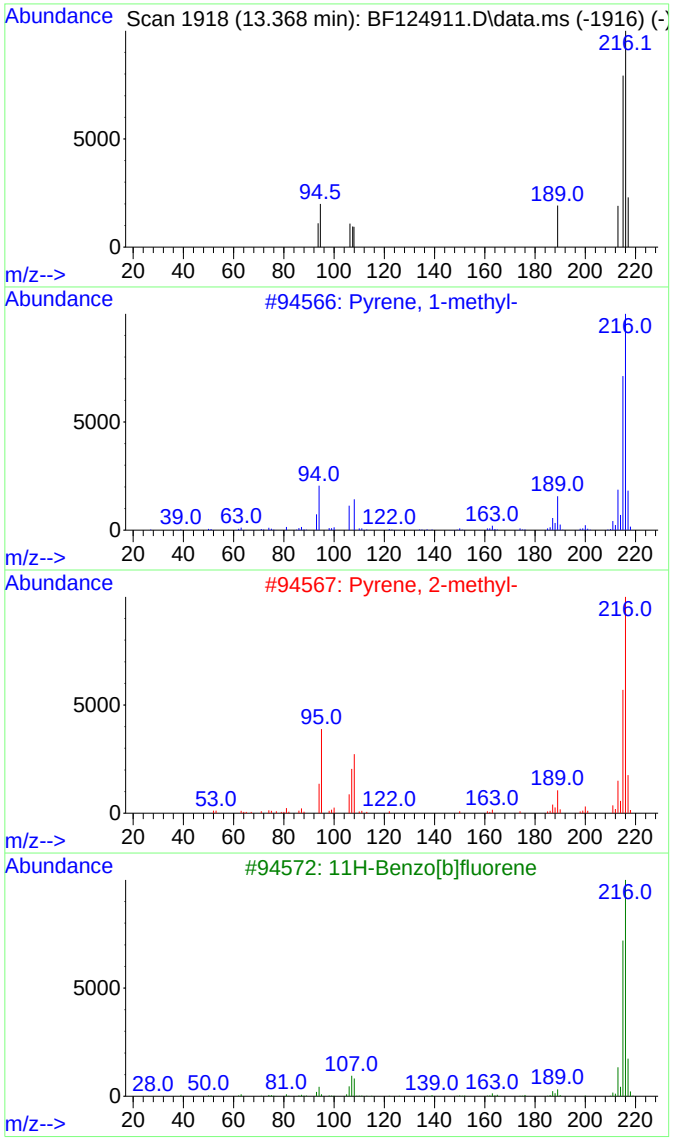
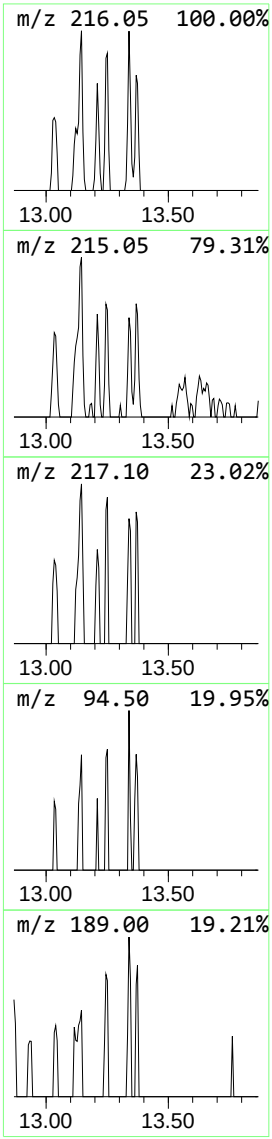
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.368 | 3.96 ng | 9212 | Chrysene-d12 | 14.009 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 86 |
| 2 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 83 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 80 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 59 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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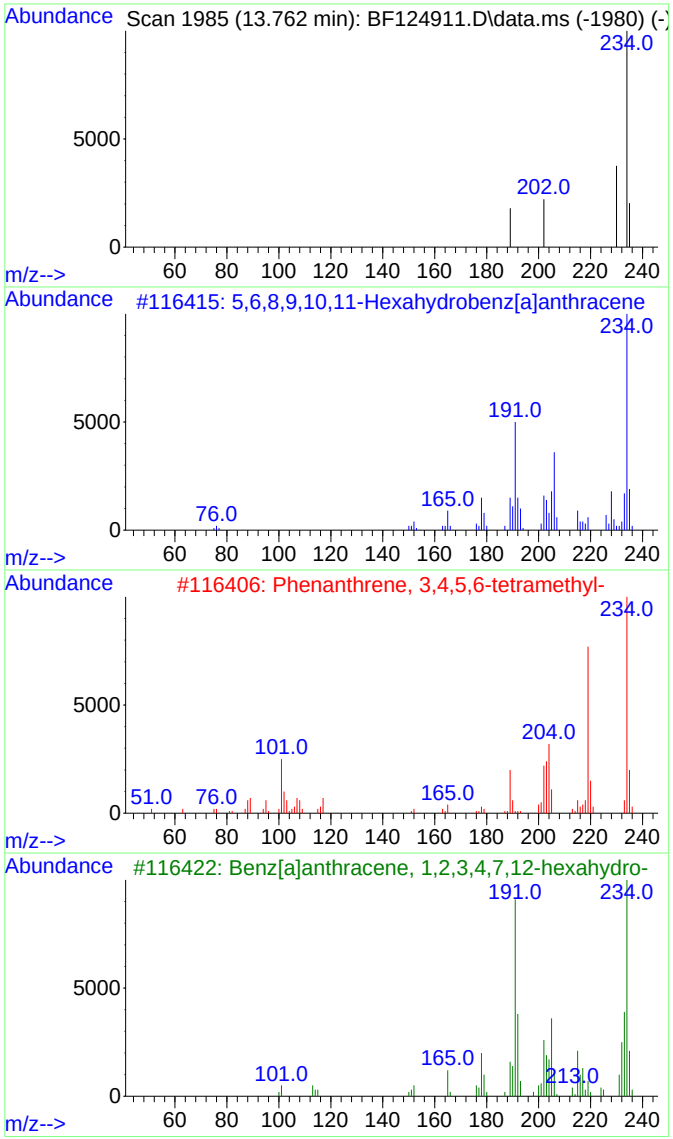
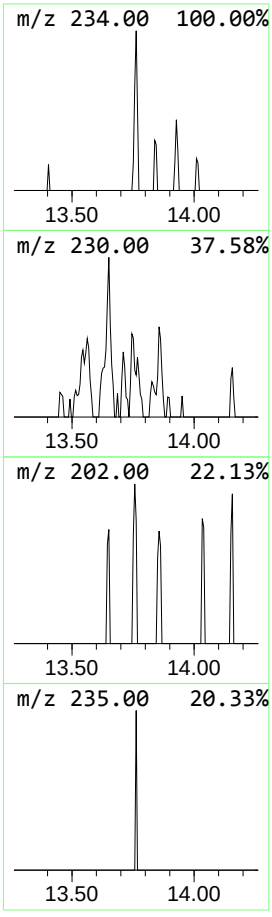
Peak Number 18 5,6,8,9,10,11-Hexahydrobenz... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.762 | 2.82 ng | 6556 | Chrysene-d12 | 14.009 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5,6,8,9,10,11-Hexahydrobenz[a]an... | 234 | C18H18 | 067064-61-3 | 72 |
| 2 | Phenanthrene, 3,4,5,6-tetramethyl- | 234 | C18H18 | 007343-06-8 | 64 |
| 3 | Benz[a]anthracene, 1,2,3,4,7,12-... | 234 | C18H18 | 016434-62-1 | 64 |
| 4 | Phenanthrene, 2,4,5,7-tetramethyl- | 234 | C18H18 | 007396-38-5 | 64 |
| 5 | Pyreno[4,5-b:9,10-b']bisoxirene,... | 234 | C16H10O2 | 055400-88-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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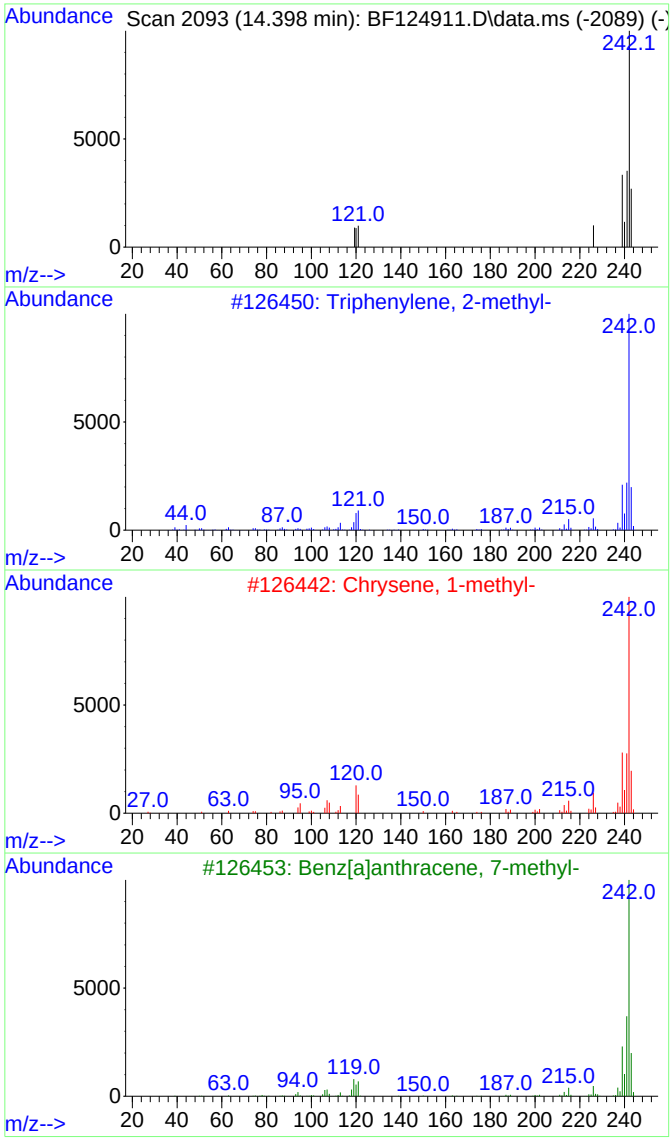
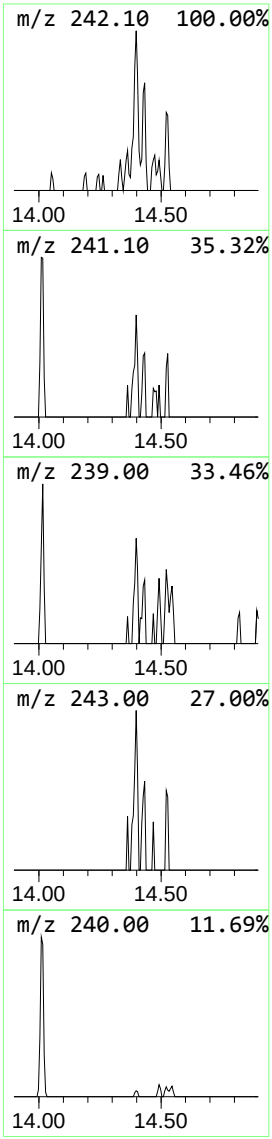
Peak Number 19 Triphenylene, 2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.398 | 4.25 ng | 9873 | Chrysene-d12 | 14.009 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylene, 2-methyl- | 242 | C19H14 | 001705-84-6 | 80 |
| 2 | Chrysene, 1-methyl- | 242 | C19H14 | 003351-28-8 | 80 |
| 3 | Benz[a]anthracene, 7-methyl- | 242 | C19H14 | 002541-69-7 | 80 |
| 4 | Chrysene, 5-methyl- | 242 | C19H14 | 003697-24-3 | 80 |
| 5 | 2-Methylchrysene | 242 | C19H14 | 003351-32-4 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

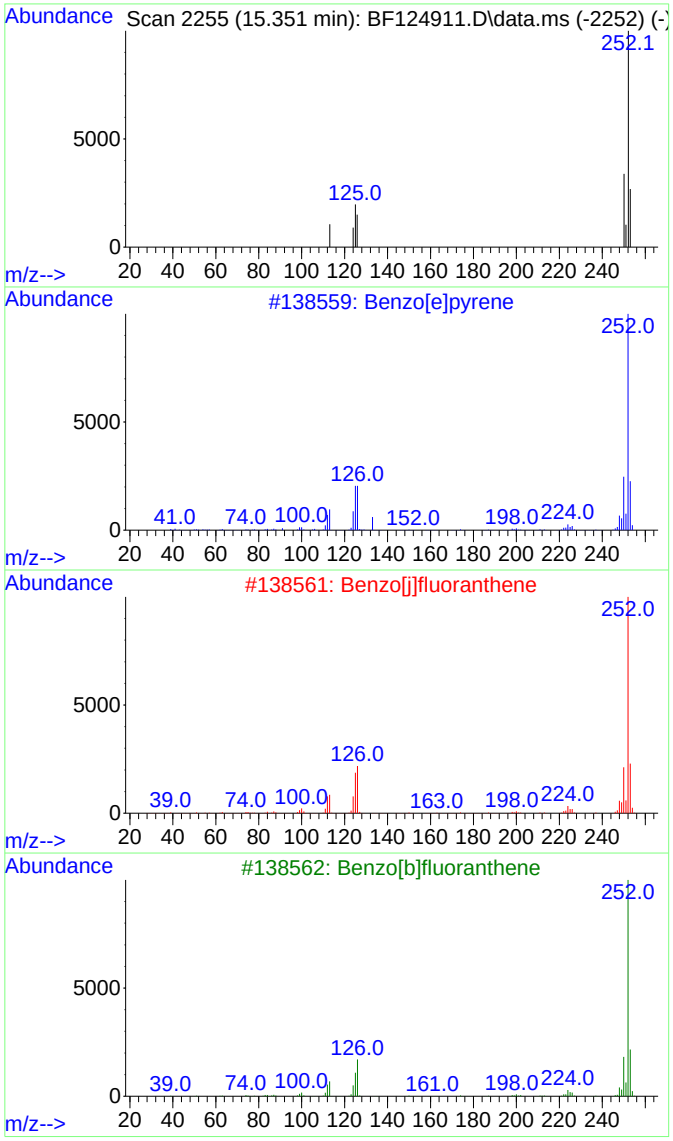
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

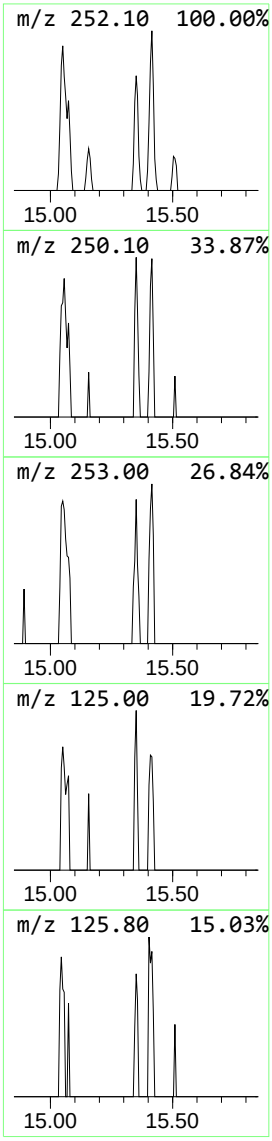
**********

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.351 | 5.72 ng | 7438 | Perylene-d12 | 15.480 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 80 |
| 2 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 72 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 72 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 72 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124911.D
Acq On : 2 Aug 2021 16:57
Operator : JU/CG
Sample : M3253-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MH-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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 |
| unknown2.116 | 2.116 | 11.9 | ng | 16717 | 1 | 6.851 | 27978 | 20.0 |
| Naphthalene, 2,... | 9.545 | 5.4 | ng | 11683 | 3 | 9.892 | 43257 | 20.0 |
| 9H-Fluorene, 2-... | 10.980 | 4.2 | ng | 8454 | 4 | 11.374 | 40730 | 20.0 |
| Phenanthrene, 1... | 11.874 | 12.8 | ng | 25987 | 4 | 11.374 | 40730 | 20.0 |
| Phenanthrene, 2... | 11.904 | 13.8 | ng | 28151 | 4 | 11.374 | 40730 | 20.0 |
| unknown11.986 | 11.986 | 14.6 | ng | 29668 | 4 | 11.374 | 40730 | 20.0 |
| Phenanthrene, 4... | 12.010 | 9.8 | ng | 20045 | 4 | 11.374 | 40730 | 20.0 |
| Naphthalene, 2-... | 12.168 | 3.0 | ng | 6067 | 4 | 11.374 | 40730 | 20.0 |
| 9,10-Dimethylan... | 12.351 | 2.8 | ng | 5775 | 4 | 11.374 | 40730 | 20.0 |
| di-p-Tolylacety... | 12.427 | 8.7 | ng | 17766 | 4 | 11.374 | 40730 | 20.0 |
| 3-Amino-5-bromo... | 12.463 | 7.0 | ng | 14230 | 4 | 11.374 | 40730 | 20.0 |
| unknown12.510 | 12.510 | 4.4 | ng | 8875 | 4 | 11.374 | 40730 | 20.0 |
| Fluoranthene, 2... | 13.033 | 3.9 | ng | 9139 | 5 | 14.009 | 46467 | 20.0 |
| 11H-Benzo[a]flu... | 13.145 | 8.8 | ng | 20428 | 5 | 14.009 | 46467 | 20.0 |
| Pyrene, 1-methyl- | 13.245 | 4.8 | ng | 11136 | 5 | 14.009 | 46467 | 20.0 |
| Pyrene, 4-methyl- | 13.339 | 4.3 | ng | 10095 | 5 | 14.009 | 46467 | 20.0 |
| 11H-Benzo[b]flu... | 13.368 | 4.0 | ng | 9212 | 5 | 14.009 | 46467 | 20.0 |
| 5,6,8,9,10,11-H... | 13.762 | 2.8 | ng | 6556 | 5 | 14.009 | 46467 | 20.0 |
| Triphenylene, 2... | 14.398 | 4.3 | ng | 9873 | 5 | 14.009 | 46467 | 20.0 |
| Benzo[e]pyrene | 15.351 | 5.7 | ng | 7438 | 6 | 15.480 | 25994 | 20.0 |