LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

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-BF022020.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 | 5.387 | 557 | 561 | 576 | rBV | 3832271 | 4071499 | 81.72% | 4.012% |
| 2 | 6.404 | 729 | 734 | 737 | rBV | 3717448 | 3932150 | 78.93% | 3.875% |
| 3 | 6.757 | 791 | 794 | 798 | rBV | 1267024 | 1102762 | 22.13% | 1.087% |
| 4 | 6.916 | 817 | 821 | 825 | rBV | 3974680 | 3581594 | 71.89% | 3.529% |
| 5 | 7.322 | 882 | 890 | 893 | rBV | 2658044 | 2669022 | 53.57% | 2.630% |
| 6 | 8.039 | 1007 | 1012 | 1015 | rBV | 1635381 | 1444295 | 28.99% | 1.423% |
| 7 | 9.116 | 1189 | 1195 | 1198 | rBV | 5649239 | 4982115 | 100.00% | 4.909% |
| 8 | 9.380 | 1234 | 1240 | 1243 | rBV | 367185 | 490584 | 9.85% | 0.483% |
| 9 | 9.451 | 1248 | 1252 | 1254 | rBV | 826241 | 747692 | 15.01% | 0.737% |
| 10 | 9.475 | 1254 | 1256 | 1259 | rVB | 482789 | 369937 | 7.43% | 0.365% |
| 11 | 9.510 | 1259 | 1262 | 1268 | rVB3 | 368316 | 454682 | 9.13% | 0.448% |
| 12 | 9.569 | 1268 | 1272 | 1274 | rBV | 390047 | 404797 | 8.13% | 0.399% |
| 13 | 9.651 | 1281 | 1286 | 1291 | rBV | 1064484 | 898740 | 18.04% | 0.886% |
| 14 | 9.792 | 1303 | 1310 | 1313 | rVV | 1674989 | 1668233 | 33.48% | 1.644% |
| 15 | 9.898 | 1324 | 1328 | 1332 | rBV2 | 265460 | 351113 | 7.05% | 0.346% |
| 16 | 9.992 | 1340 | 1344 | 1347 | rVV | 509866 | 554882 | 11.14% | 0.547% |
| 17 | 10.033 | 1347 | 1351 | 1354 | rVV | 620080 | 519067 | 10.42% | 0.511% |
| 18 | 10.104 | 1359 | 1363 | 1366 | rBV2 | 545272 | 624624 | 12.54% | 0.615% |
| 19 | 10.133 | 1366 | 1368 | 1371 | rVV | 346623 | 314752 | 6.32% | 0.310% |
| 20 | 10.198 | 1374 | 1379 | 1380 | rBV2 | 341216 | 452425 | 9.08% | 0.446% |
| 21 | 10.286 | 1389 | 1394 | 1396 | rVV4 | 278868 | 336709 | 6.76% | 0.332% |
| 22 | 10.333 | 1399 | 1402 | 1409 | rVV3 | 539686 | 769564 | 15.45% | 0.758% |
| 23 | 10.398 | 1409 | 1413 | 1415 | rVV2 | 244003 | 355285 | 7.13% | 0.350% |
| 24 | 10.451 | 1419 | 1422 | 1426 | rVV4 | 239874 | 346725 | 6.96% | 0.342% |
| 25 | 10.492 | 1426 | 1429 | 1435 | rVV4 | 280417 | 472585 | 9.49% | 0.466% |
| 26 | 10.580 | 1438 | 1444 | 1447 | rVV | 3046059 | 3112038 | 62.46% | 3.066% |
| 27 | 10.704 | 1461 | 1465 | 1470 | rVB2 | 366580 | 380076 | 7.63% | 0.375% |
| 28 | 10.880 | 1491 | 1495 | 1498 | rVV3 | 463309 | 709922 | 14.25% | 0.700% |
| 29 | 10.910 | 1498 | 1500 | 1503 | rVV | 505519 | 477519 | 9.58% | 0.471% |
| 30 | 10.969 | 1507 | 1510 | 1512 | rVV | 315741 | 335458 | 6.73% | 0.331% |
| 31 | 11.016 | 1515 | 1518 | 1519 | rVV | 239662 | 281904 | 5.66% | 0.278% |
| 32 | 11.033 | 1519 | 1521 | 1523 | rVV2 | 281434 | 273299 | 5.49% | 0.269% |
| 33 | 11.080 | 1526 | 1529 | 1533 | rVV2 | 309229 | 381269 | 7.65% | 0.376% |
| 34 | 11.169 | 1541 | 1544 | 1549 | rVB | 403116 | 450175 | 9.04% | 0.444% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.274 | 1558 | 1562 | 1563 | rBV | 1319434 | 1249799 | 25.09% | 1.231% |
| 36 | 11.298 | 1563 | 1566 | 1569 | rVV | 3154800 | 2689088 | 53.97% | 2.650% |
| 37 | 11.345 | 1571 | 1574 | 1577 | rVB | 778445 | 662460 | 13.30% | 0.653% |
| 38 | 11.380 | 1577 | 1580 | 1583 | rBV2 | 363265 | 431018 | 8.65% | 0.425% |
| 39 | 11.604 | 1614 | 1618 | 1622 | rBV2 | 764451 | 733812 | 14.73% | 0.723% |
| 40 | 11.686 | 1627 | 1632 | 1636 | rVB2 | 438495 | 584546 | 11.73% | 0.576% |
| 41 | 11.727 | 1636 | 1639 | 1642 | rBV2 | 248248 | 270503 | 5.43% | 0.267% |
| 42 | 11.774 | 1643 | 1647 | 1649 | rBV | 1753030 | 1591588 | 31.95% | 1.568% |
| 43 | 11.804 | 1649 | 1652 | 1657 | rVB | 2398791 | 2096748 | 42.09% | 2.066% |
| 44 | 11.851 | 1657 | 1660 | 1662 | rBV | 637300 | 559510 | 11.23% | 0.551% |
| 45 | 11.886 | 1662 | 1666 | 1668 | rVV | 2111351 | 2223026 | 44.62% | 2.190% |
| 46 | 11.910 | 1668 | 1670 | 1675 | rVB | 1749235 | 1396220 | 28.02% | 1.376% |
| 47 | 12.010 | 1684 | 1687 | 1689 | rVB | 373236 | 314444 | 6.31% | 0.310% |
| 48 | 12.069 | 1689 | 1697 | 1699 | rBV2 | 812519 | 977942 | 19.63% | 0.964% |
| 49 | 12.098 | 1699 | 1702 | 1707 | rVB2 | 593219 | 730497 | 14.66% | 0.720% |
| 50 | 12.198 | 1717 | 1719 | 1721 | rBV | 337324 | 351605 | 7.06% | 0.346% |
| 51 | 12.216 | 1721 | 1722 | 1725 | rVV2 | 383539 | 336271 | 6.75% | 0.331% |
| 52 | 12.251 | 1725 | 1728 | 1730 | rVV | 530753 | 488569 | 9.81% | 0.481% |
| 53 | 12.274 | 1730 | 1732 | 1734 | rVB2 | 429170 | 329423 | 6.61% | 0.325% |
| 54 | 12.327 | 1734 | 1741 | 1743 | rBV | 1669556 | 1813851 | 36.41% | 1.787% |
| 55 | 12.363 | 1743 | 1747 | 1749 | rVV | 904414 | 1187040 | 23.83% | 1.170% |
| 56 | 12.410 | 1752 | 1755 | 1760 | rBV2 | 718555 | 949878 | 19.07% | 0.936% |
| 57 | 12.486 | 1763 | 1768 | 1771 | rBV | 2948102 | 2580587 | 51.80% | 2.543% |
| 58 | 12.527 | 1772 | 1775 | 1777 | rBV | 335947 | 319515 | 6.41% | 0.315% |
| 59 | 12.580 | 1782 | 1784 | 1787 | rVB2 | 347759 | 316733 | 6.36% | 0.312% |
| 60 | 12.716 | 1801 | 1807 | 1810 | rBV | 3614243 | 3955762 | 79.40% | 3.898% |
| 61 | 12.774 | 1813 | 1817 | 1820 | rVB3 | 454098 | 552253 | 11.08% | 0.544% |
| 62 | 12.857 | 1828 | 1831 | 1838 | rVB | 4140363 | 4099844 | 82.29% | 4.040% |
| 63 | 12.933 | 1840 | 1844 | 1851 | rBV3 | 813600 | 1271435 | 25.52% | 1.253% |
| 64 | 12.986 | 1851 | 1853 | 1856 | rBV | 352673 | 338164 | 6.79% | 0.333% |
| 65 | 13.021 | 1856 | 1859 | 1860 | rBV2 | 616504 | 662911 | 13.31% | 0.653% |
| 66 | 13.045 | 1860 | 1863 | 1865 | rVB | 1009837 | 1052566 | 21.13% | 1.037% |
| 67 | 13.086 | 1865 | 1870 | 1871 | rBV2 | 248674 | 273682 | 5.49% | 0.270% |
| 68 | 13.110 | 1871 | 1874 | 1877 | rVB2 | 508906 | 439591 | 8.82% | 0.433% |
| 69 | 13.145 | 1877 | 1880 | 1884 | rBV | 1073324 | 954556 | 19.16% | 0.941% |
| 70 | 13.239 | 1892 | 1896 | 1898 | rVB | 903698 | 742584 | 14.90% | 0.732% |
| 71 | 13.268 | 1898 | 1901 | 1904 | rVB | 1072501 | 917390 | 18.41% | 0.904% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.551 | 1946 | 1949 | 1953 | rVB | 589354 | 678729 | 13.62% | 0.669% |
| 73 | 13.657 | 1962 | 1967 | 1970 | rBV2 | 706406 | 958768 | 19.24% | 0.945% |
| 74 | 13.686 | 1970 | 1972 | 1974 | rVB | 415817 | 312925 | 6.28% | 0.308% |
| 75 | 13.757 | 1980 | 1984 | 1988 | rVB3 | 729472 | 919751 | 18.46% | 0.906% |
| 76 | 13.904 | 2004 | 2009 | 2012 | rBV2 | 2262350 | 3202465 | 64.28% | 3.156% |
| 77 | 13.939 | 2012 | 2015 | 2022 | rVB | 1807342 | 1953935 | 39.22% | 1.925% |
| 78 | 13.998 | 2022 | 2025 | 2027 | rBV | 285140 | 281178 | 5.64% | 0.277% |
| 79 | 14.168 | 2051 | 2054 | 2057 | rVV3 | 348189 | 431977 | 8.67% | 0.426% |
| 80 | 14.227 | 2061 | 2064 | 2067 | rVV3 | 261187 | 291656 | 5.85% | 0.287% |
| 81 | 14.262 | 2067 | 2070 | 2071 | rVV | 278351 | 282408 | 5.67% | 0.278% |
| 82 | 14.298 | 2071 | 2076 | 2079 | rVV | 1124117 | 1418030 | 28.46% | 1.397% |
| 83 | 14.327 | 2079 | 2081 | 2084 | rVV | 722949 | 718545 | 14.42% | 0.708% |
| 84 | 14.374 | 2085 | 2089 | 2090 | rVV3 | 420337 | 609168 | 12.23% | 0.600% |
| 85 | 14.392 | 2090 | 2092 | 2094 | rVV2 | 545020 | 480164 | 9.64% | 0.473% |
| 86 | 14.421 | 2094 | 2097 | 2099 | rVV | 803415 | 774233 | 15.54% | 0.763% |
| 87 | 14.439 | 2099 | 2100 | 2104 | rVV2 | 391194 | 341280 | 6.85% | 0.336% |
| 88 | 14.486 | 2104 | 2108 | 2112 | rVV2 | 309279 | 421420 | 8.46% | 0.415% |
| 89 | 14.674 | 2138 | 2140 | 2142 | rBV | 298998 | 290016 | 5.82% | 0.286% |
| 90 | 14.710 | 2144 | 2146 | 2150 | rVB | 289044 | 300946 | 6.04% | 0.297% |
| 91 | 14.780 | 2155 | 2158 | 2161 | rVV2 | 290762 | 358559 | 7.20% | 0.353% |
| 92 | 14.833 | 2165 | 2167 | 2174 | rVB4 | 209243 | 297917 | 5.98% | 0.294% |
| 93 | 14.933 | 2179 | 2184 | 2190 | rBV | 1079886 | 1832722 | 36.79% | 1.806% |
| 94 | 15.033 | 2198 | 2201 | 2206 | rVB | 290733 | 317935 | 6.38% | 0.313% |
| 95 | 15.215 | 2228 | 2232 | 2238 | rVB | 768673 | 976995 | 19.61% | 0.963% |
| 96 | 15.280 | 2238 | 2243 | 2247 | rBV | 1147145 | 1456315 | 29.23% | 1.435% |
| 97 | 15.339 | 2249 | 2253 | 2256 | rBV | 884931 | 1097361 | 22.03% | 1.081% |
| 98 | 15.504 | 2276 | 2281 | 2284 | rBV3 | 164917 | 326084 | 6.55% | 0.321% |
| 99 | 16.739 | 2485 | 2491 | 2498 | rVB | 383833 | 736257 | 14.78% | 0.725% |
| 100 | 17.156 | 2557 | 2562 | 2571 | rVB | 326306 | 657127 | 13.19% | 0.647% |

Sum of corrected areas: 101487770

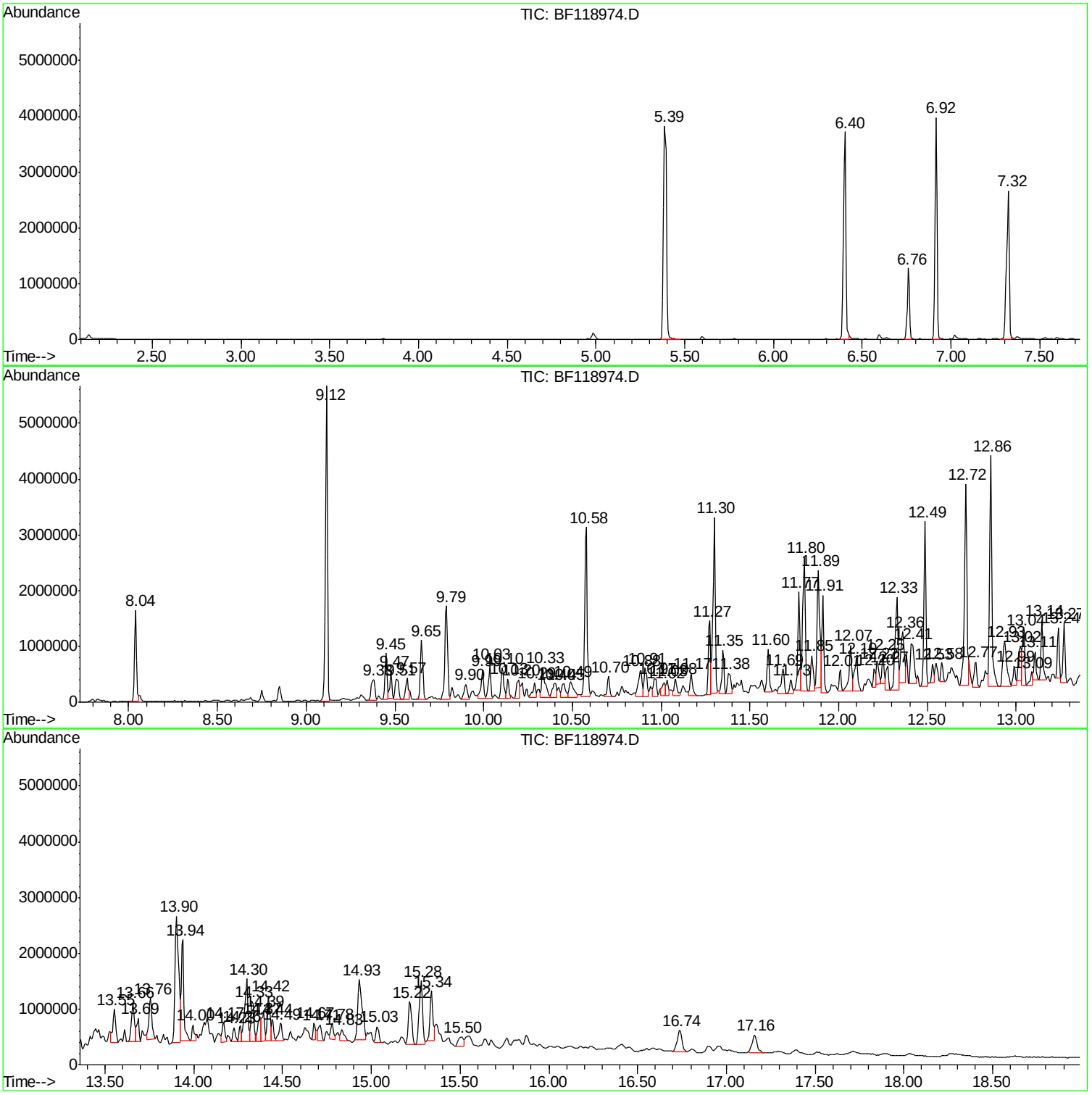
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

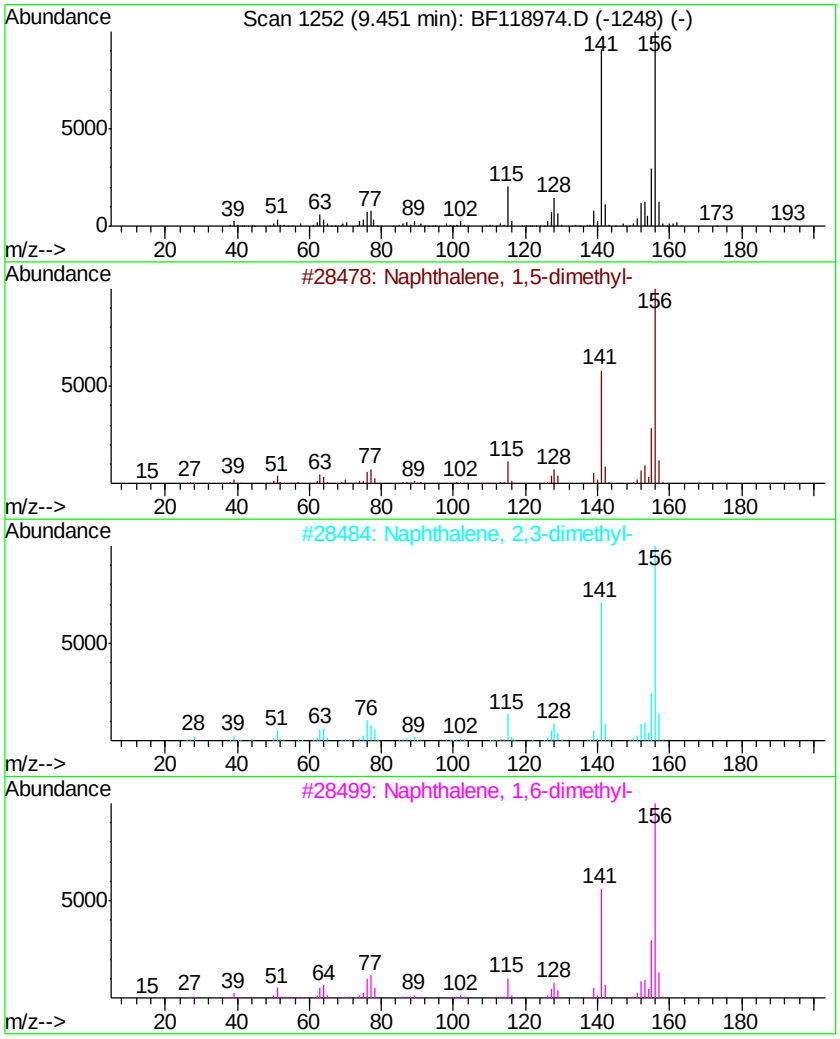
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

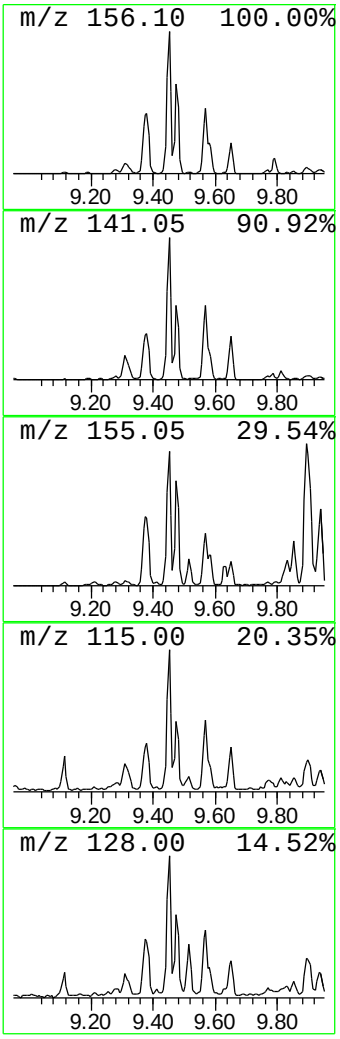
**********

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.45 | 8.96 ng | 747692 | Acenaphthene-d10 | 9.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

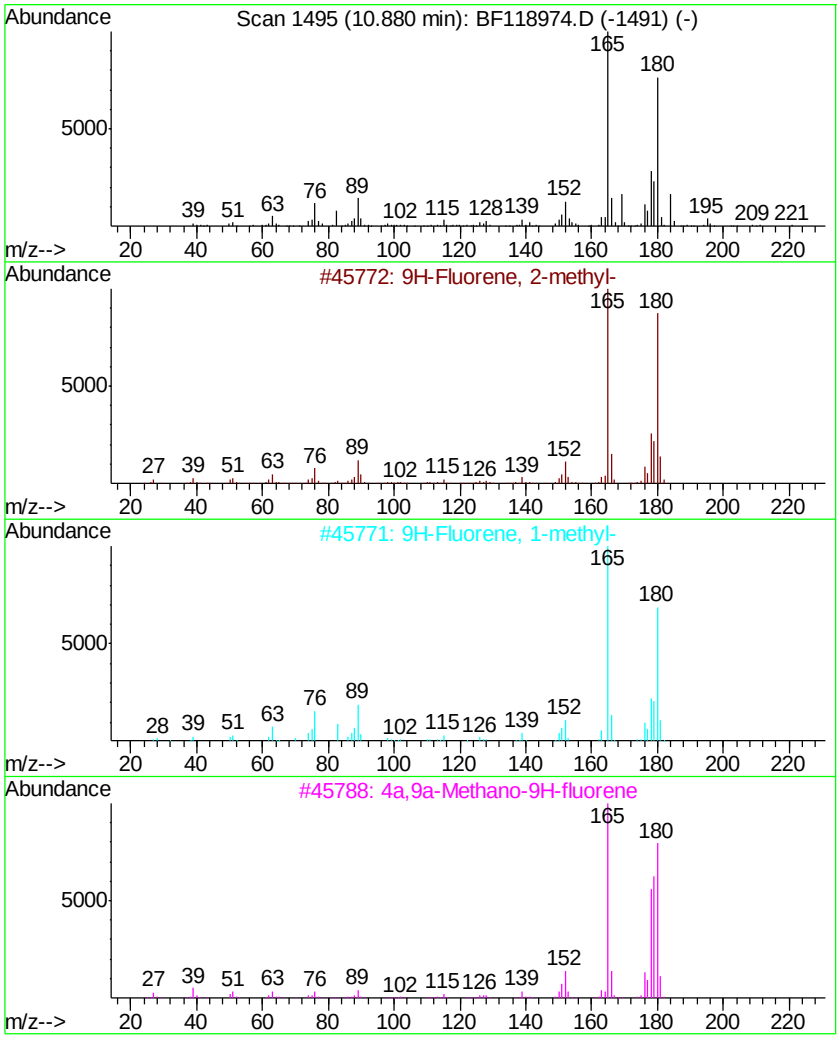
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

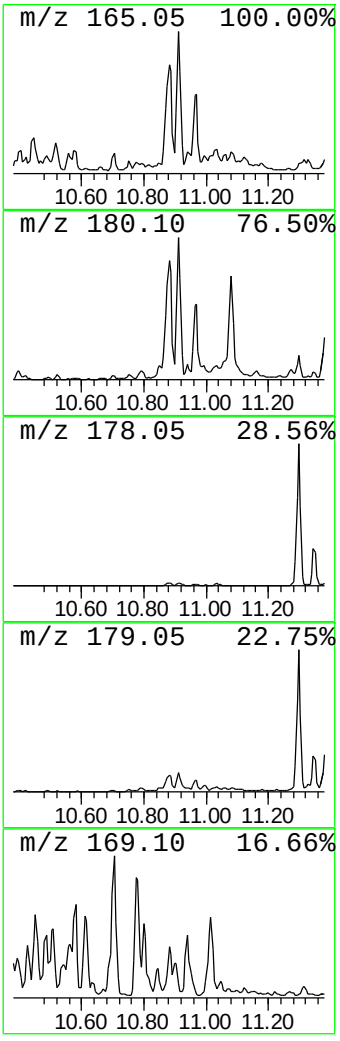
**********

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.88 | 11.36 ng | 709922 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 93 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 93 |
| 3 | 4a,9a-Methano-9H-fluorene | 180 | C14H12 | 019540-84-2 | 86 |
| 4 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 76 |
| 5 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

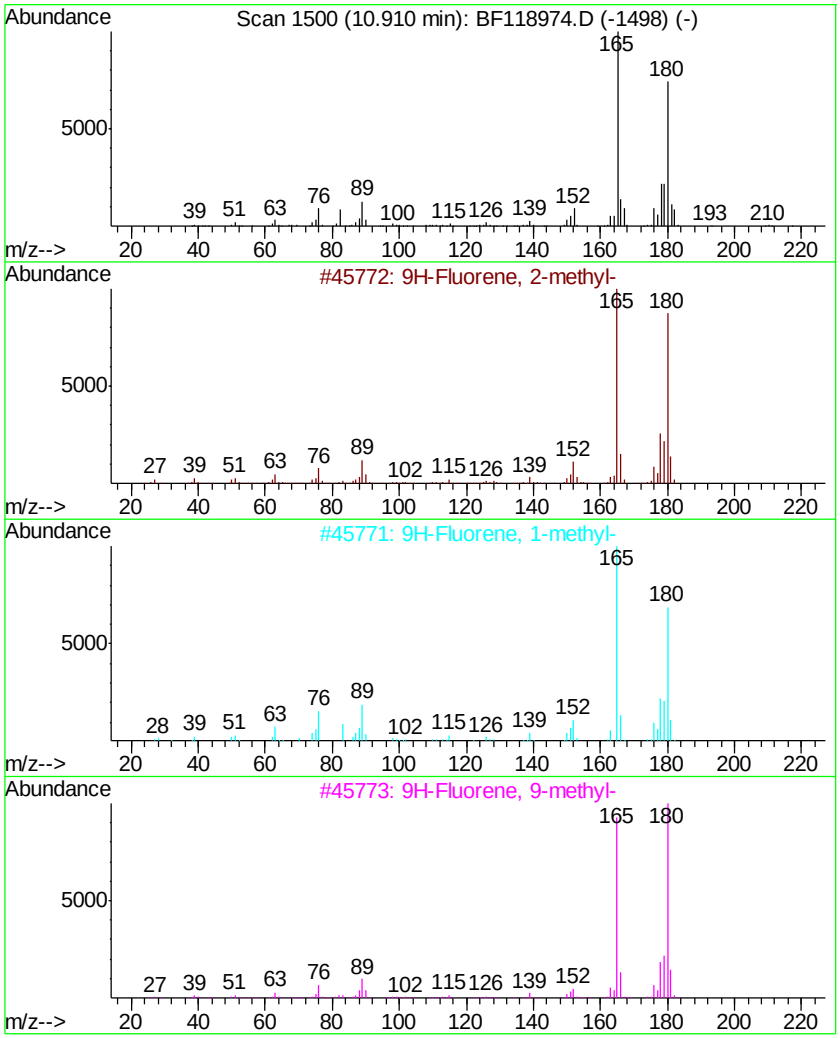
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

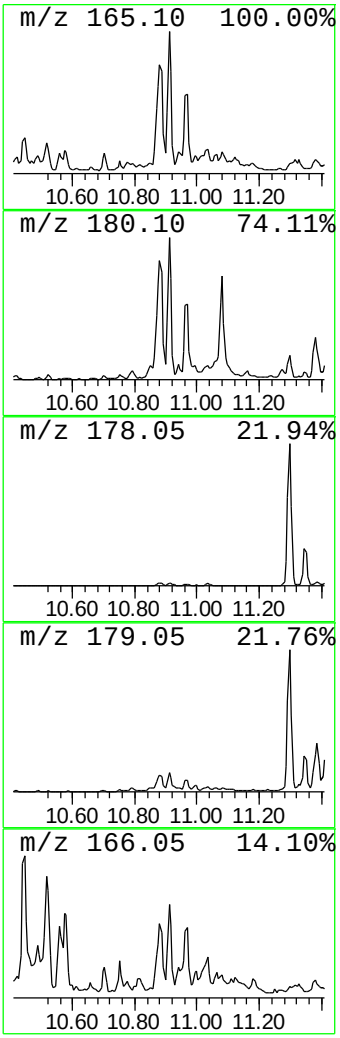
**********

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.91 | 7.64 ng | 477519 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 97 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 96 |
| 3 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 94 |
| 4 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 94 |
| 5 | Ethylene, 1,1-diphenyl- | 180 | C14H12 | 000530-48-3 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

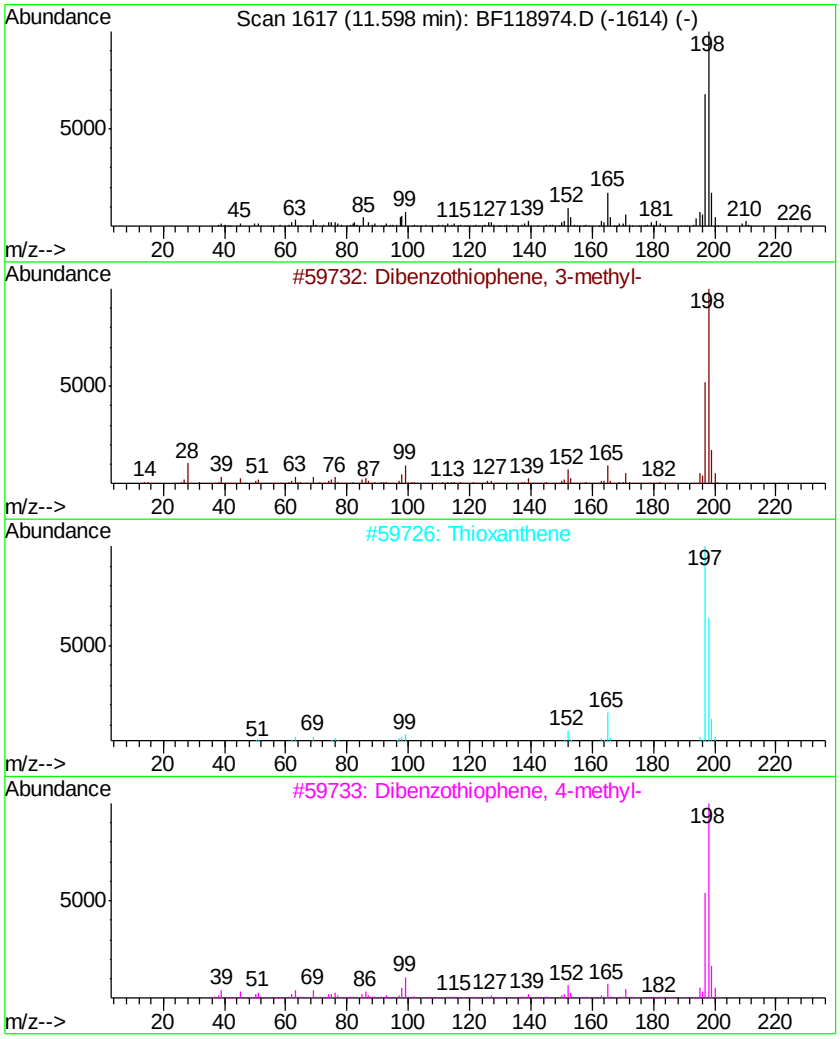
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

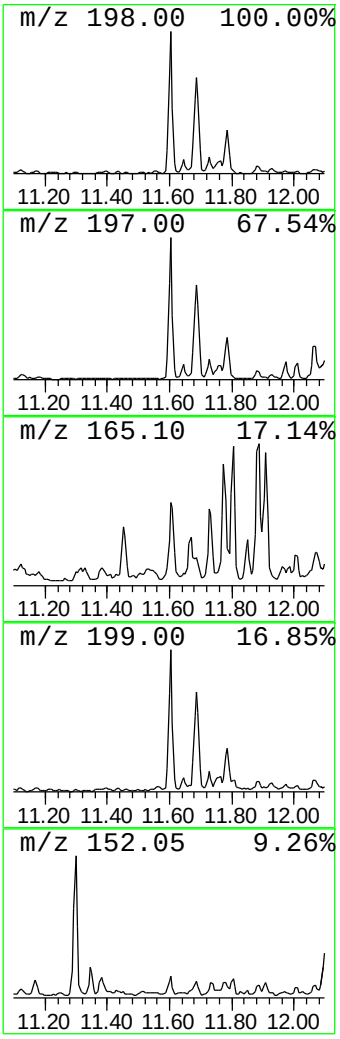
**********

Peak Number 5 Dibenzothiophene, 3-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.60 | 11.74 ng | 733812 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 90 |
| 2 | Thioxanthene | 198 | C13H10S | 000261-31-4 | 86 |
| 3 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 81 |
| 4 | Tacrine | 198 | C13H14N2 | 000321-64-2 | 64 |
| 5 | Benzenamine, 4,4'-methylenebis- | 198 | C13H14N2 | 000101-77-9 | 59 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

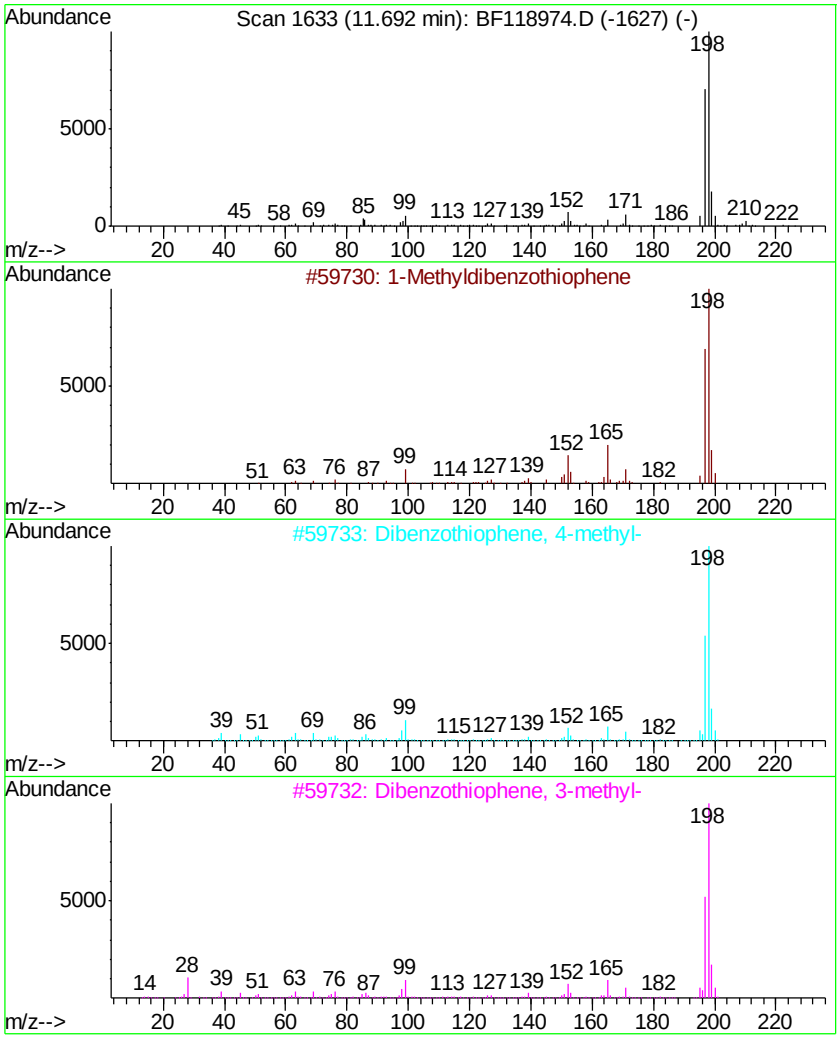
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

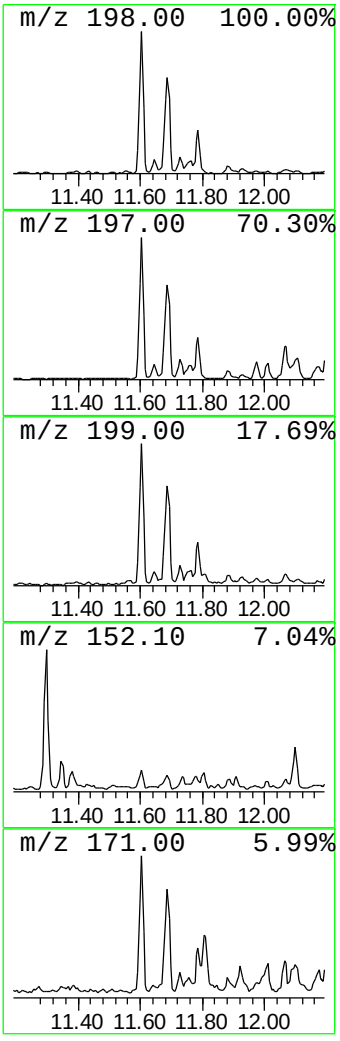
**********

Peak Number 6 1-Methyldibenzothiophene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.69 | 9.35 ng | 584546 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methyldibenzothiophene | 198 | C13H10S | 031317-07-4 | 91 |
| 2 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 90 |
| 3 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 90 |
| 4 | 4-Methylnaphtho[1,2-b]thiophene | 198 | C13H10S | 067388-11-8 | 90 |
| 5 | Tacrine | 198 | C13H14N2 | 000321-64-2 | 80 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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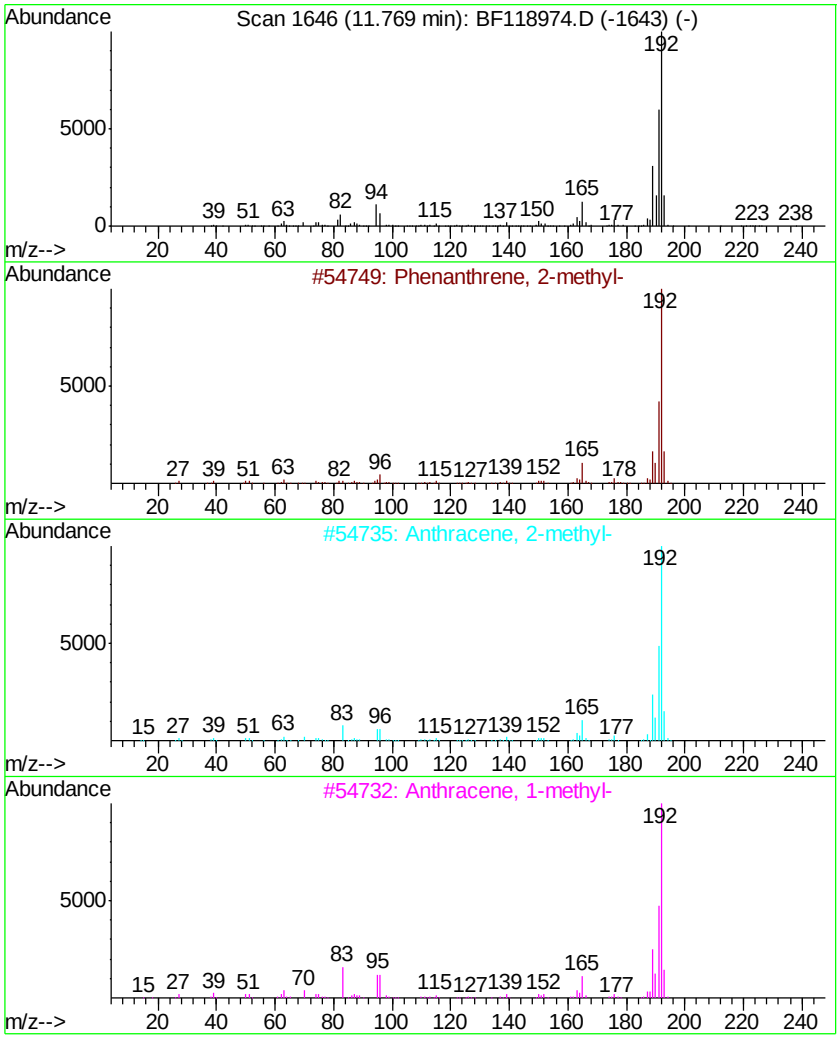
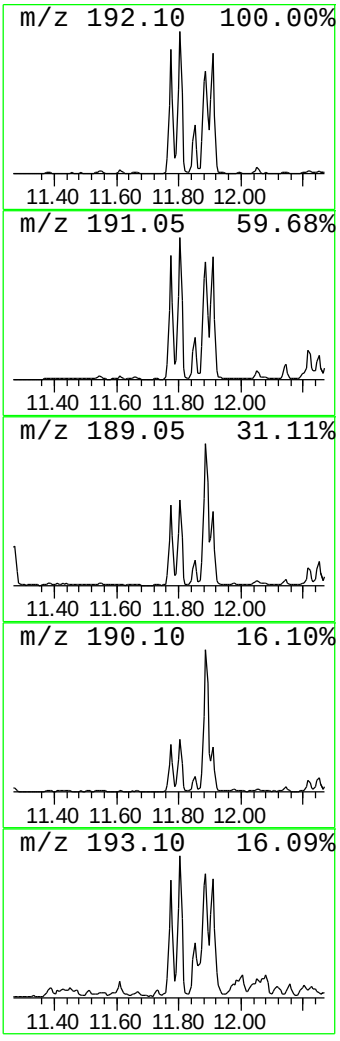
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.77 | 25.47 ng | 1591590 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 94 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 91 |



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Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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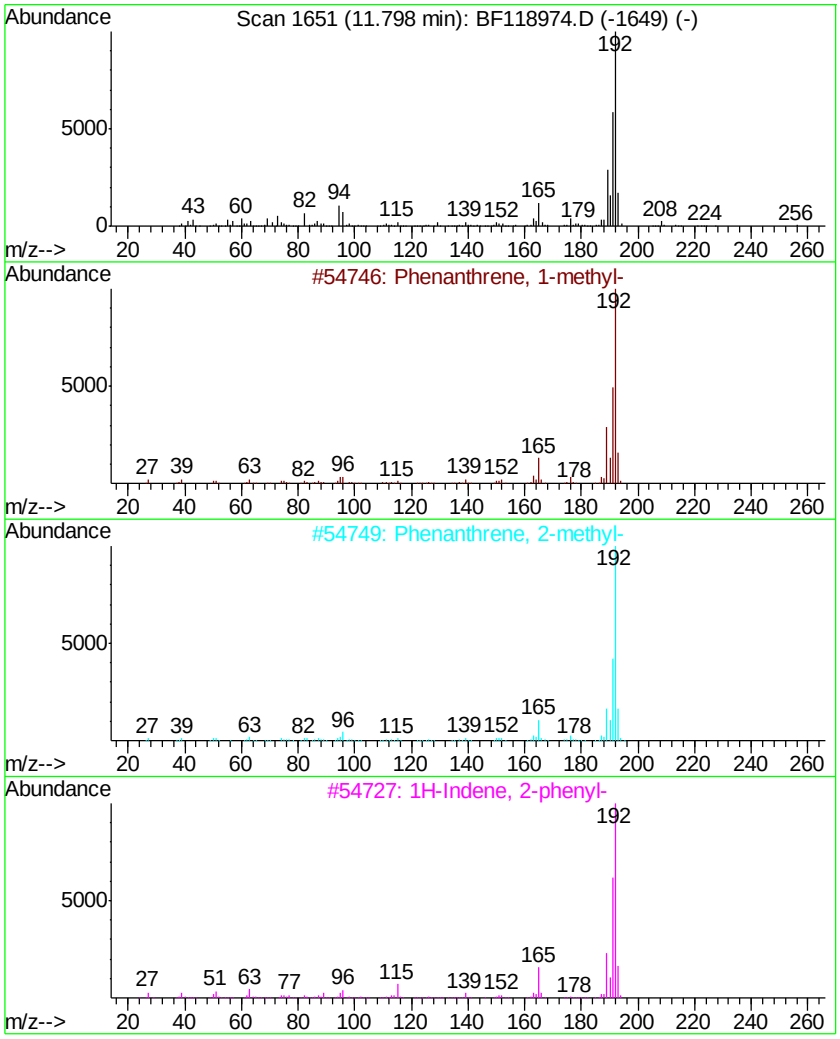
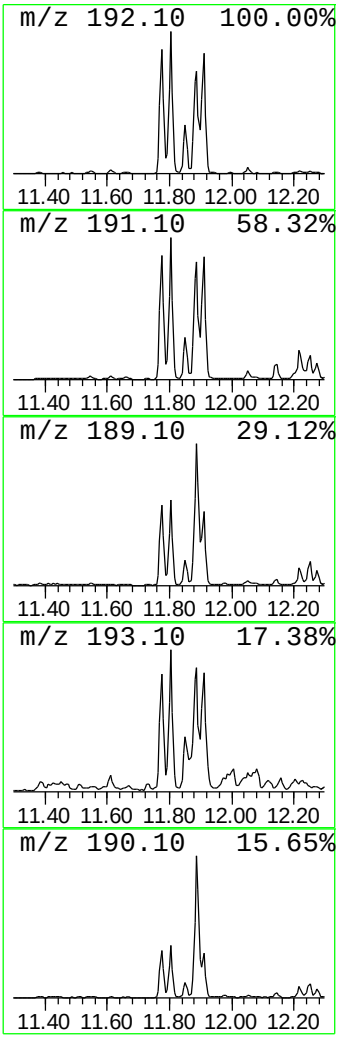
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.80 | 33.55 ng | 2096750 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 3 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 95 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |



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Data File : BF118974.D
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Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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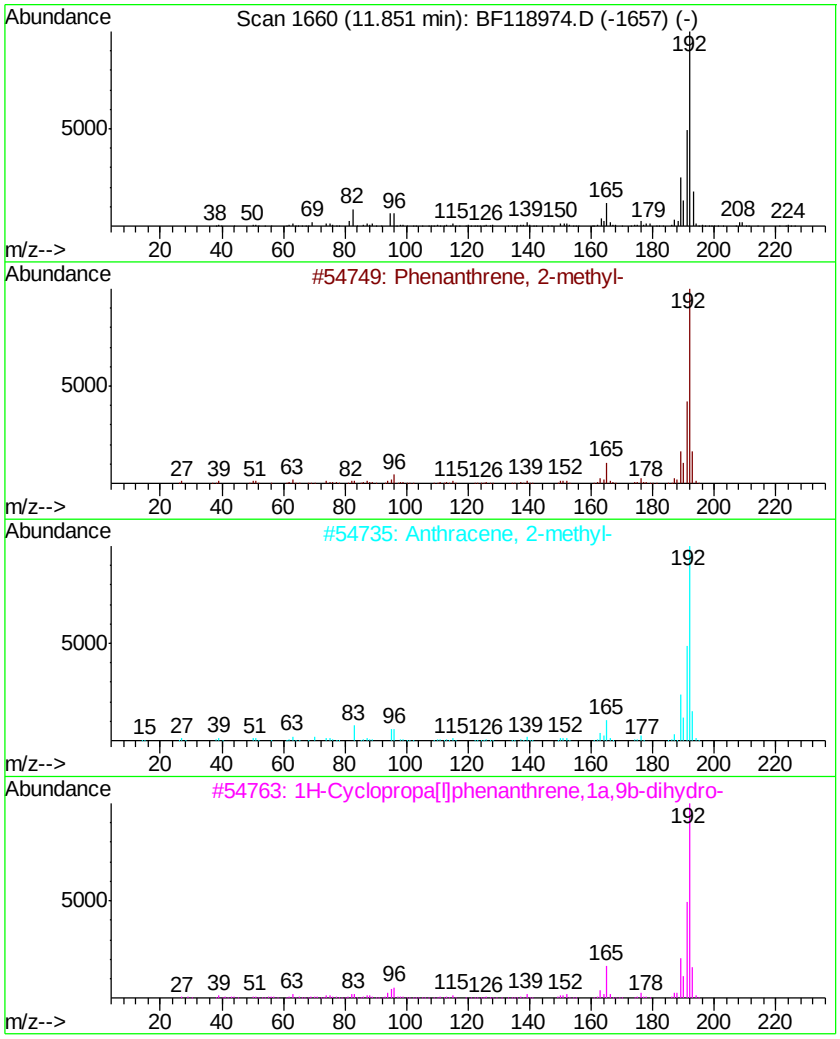
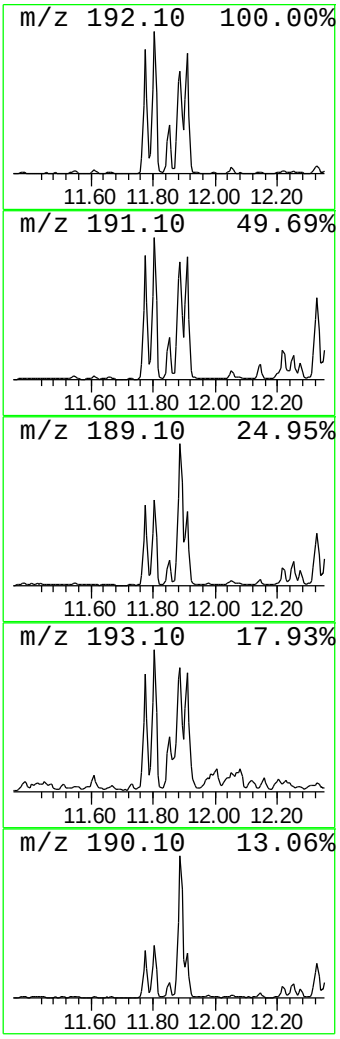
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.85 | 8.95 ng | 559510 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 5 | Phenanthrene, 3-methyl- | 192 | C15H12 | 000832-71-3 | 95 |



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Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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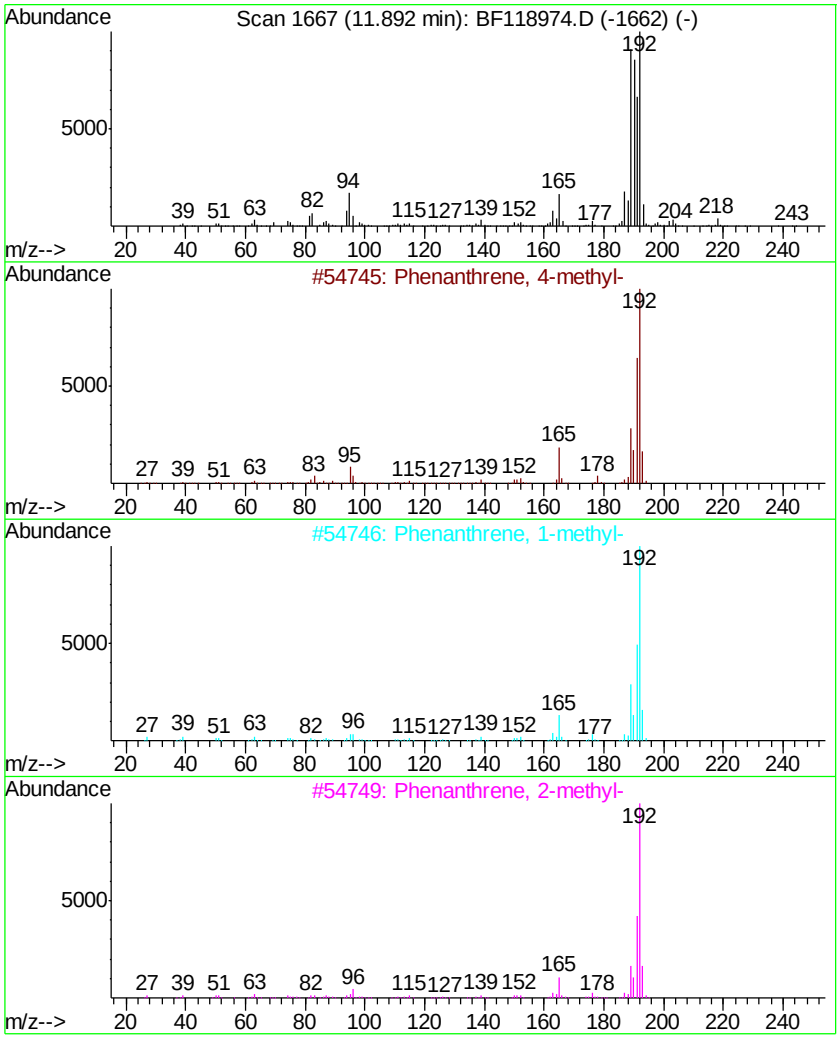
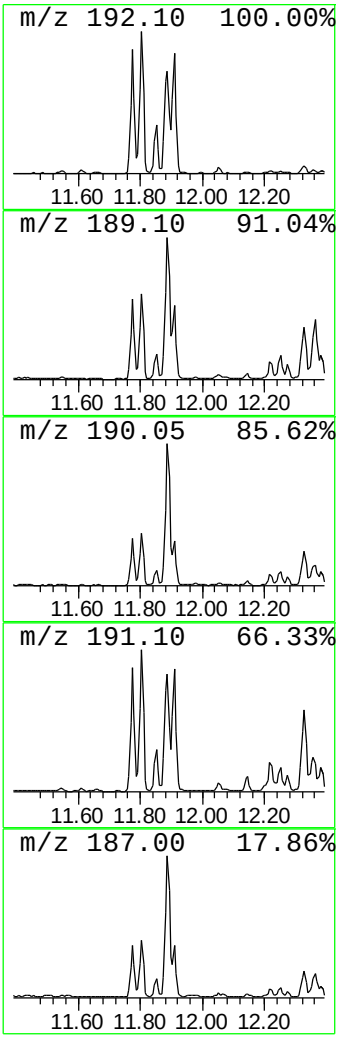
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.89 | 35.57 ng | 2223030 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 90 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 60 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 60 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 60 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 60 |



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Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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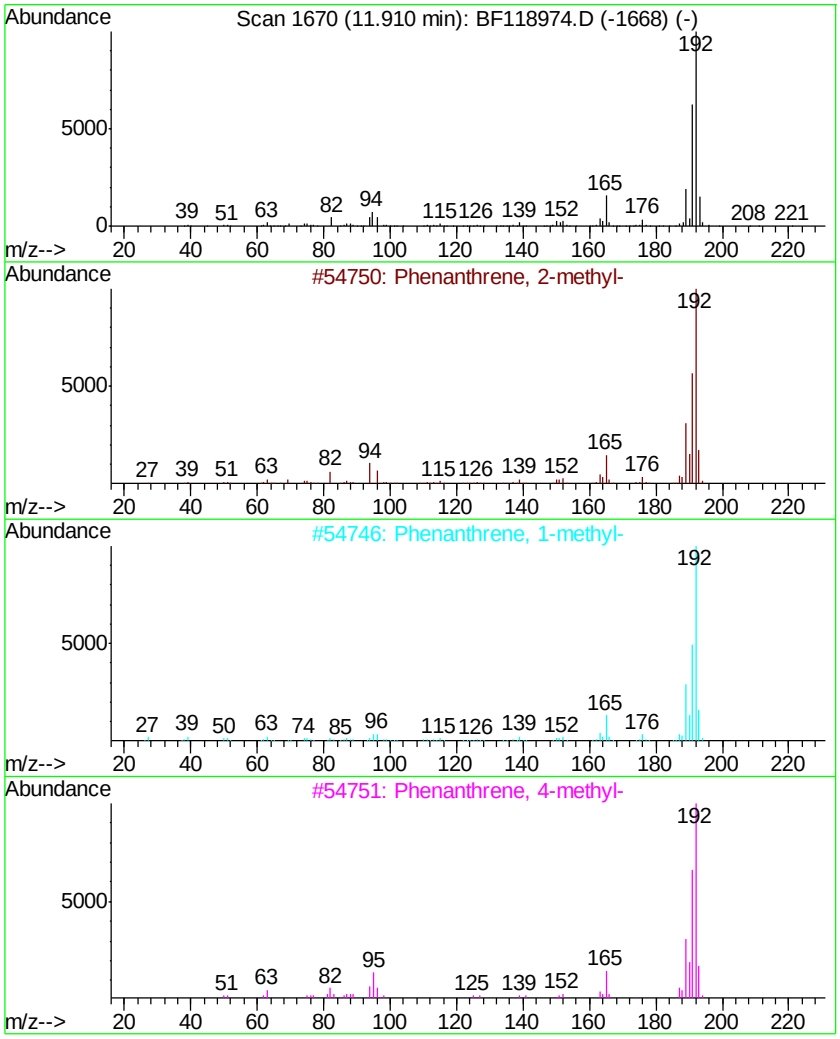
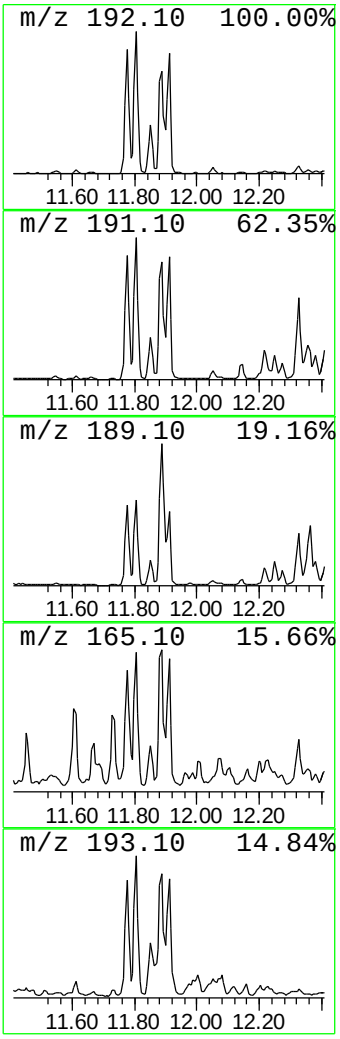
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.91 | 22.34 ng | 1396220 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 91 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 3 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 90 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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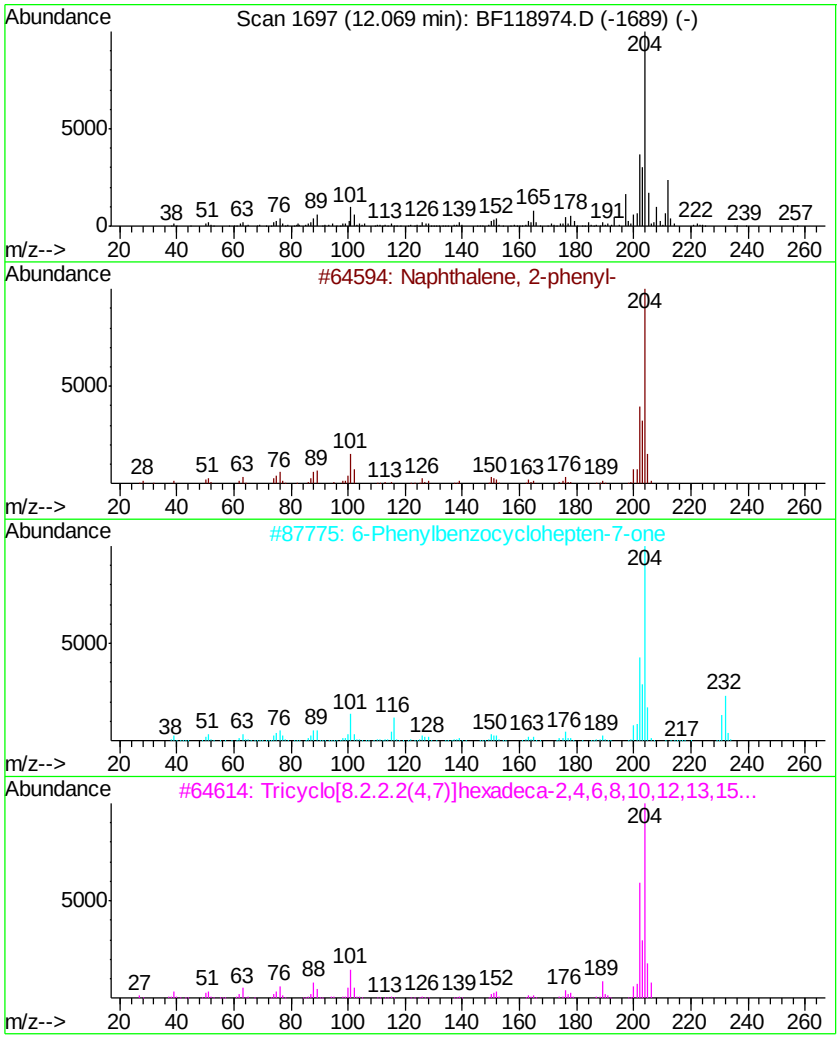
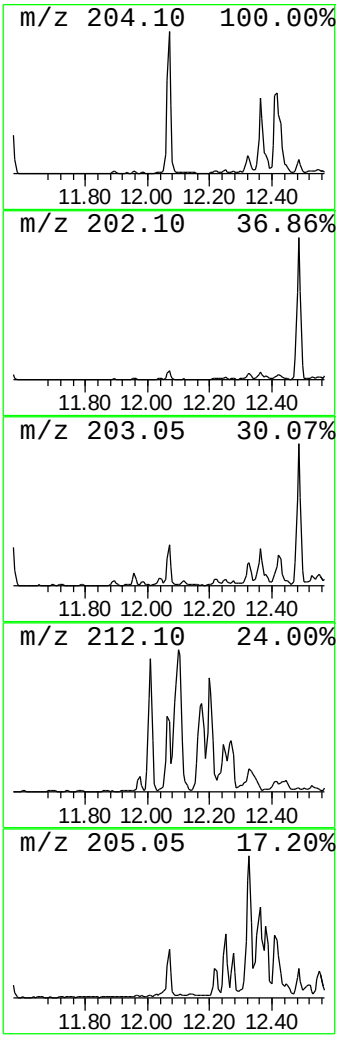
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.07 | 15.65 ng | 977942 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | 6-Phenylbenzocyclohepten-7-one | 232 | C17H12O | 093327-56-1 | 64 |
| 3 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 64 |
| 4 | 6-Cyanophenanthridine | 204 | C14H8N2 | 002176-28-5 | 50 |
| 5 | Benzene, 1,1'-(1-buten-3-yne-1,4... | 204 | C16H12 | 013141-45-2 | 49 |



Library Search Compound Report

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Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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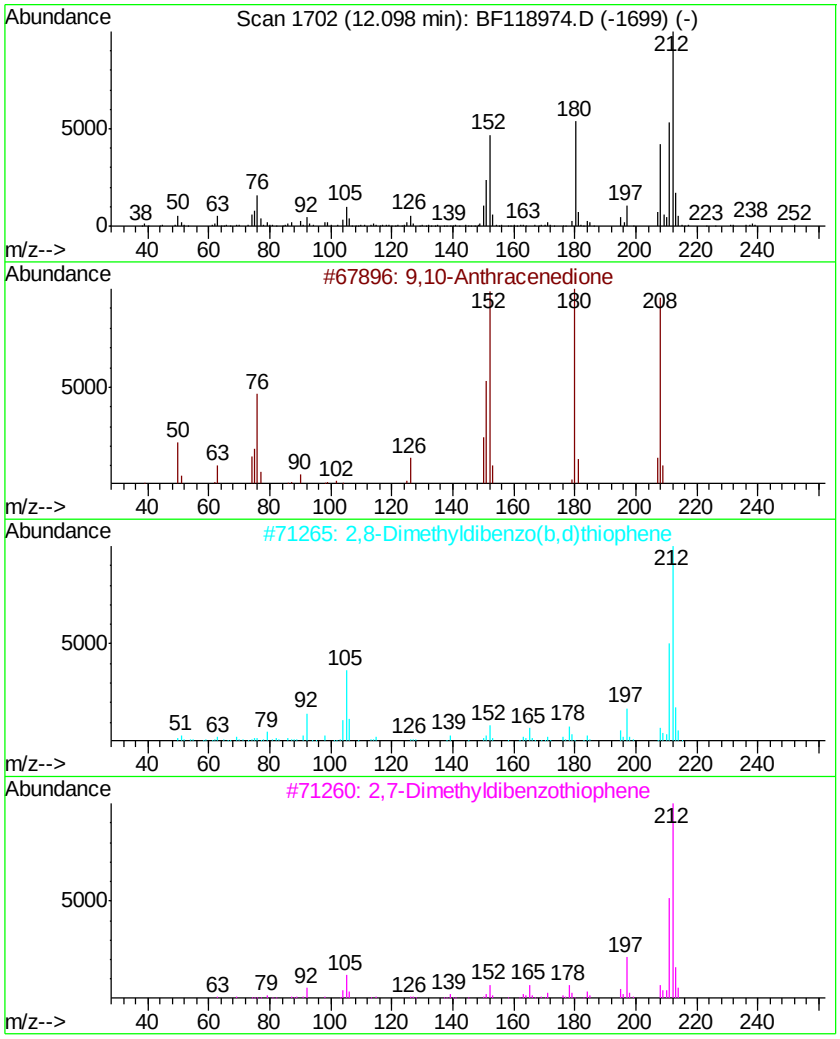
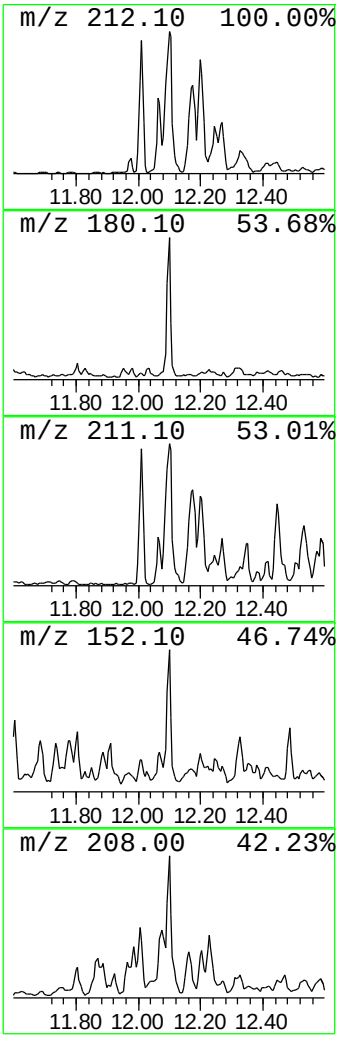
Peak Number 13 9,10-Anthracenedione Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.10 | 11.69 ng | 730497 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 89 |
| 2 | 2,8-Dimethyldibenzo(b,d)thiophene | 212 | C14H12S | 001207-15-4 | 86 |
| 3 | 2,7-Dimethyldibenzothiophene | 212 | C14H12S | 031317-19-8 | 43 |
| 4 | 3,7-Dimethyldibenzothiophene | 212 | C14H12S | 001136-85-2 | 43 |
| 5 | 1,7-Dimethyldibenzothiophene | 212 | C14H12S | 089816-53-5 | 43 |



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Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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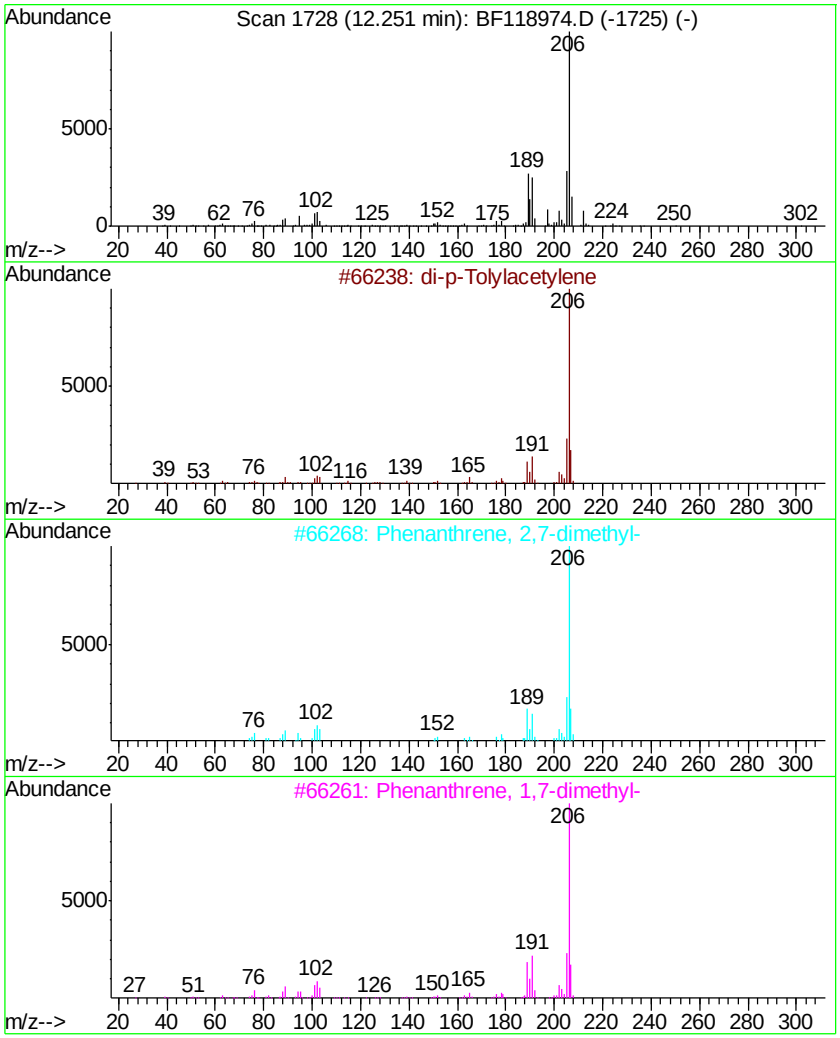
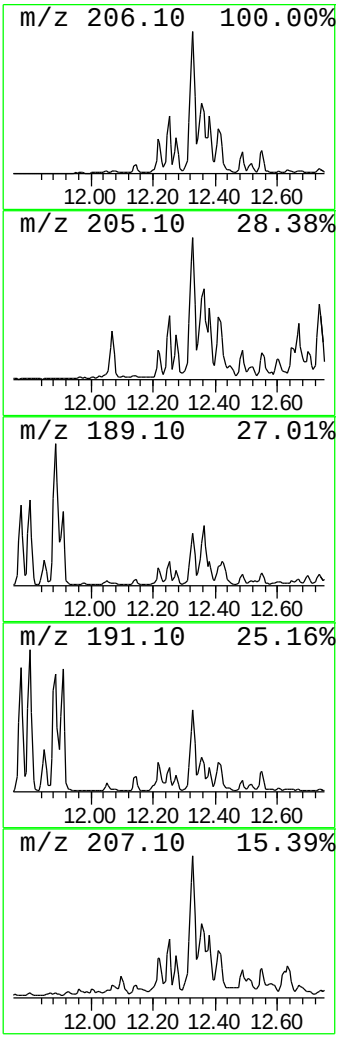
Peak Number 14 di-p-Tolylacetylene Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.25 | 7.82 ng | 488569 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 90 |
| 2 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 87 |
| 3 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 86 |
| 4 | 1,4-Diphenyl-1,3-butadiene | 206 | C16H14 | 000886-65-7 | 80 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 80 |



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Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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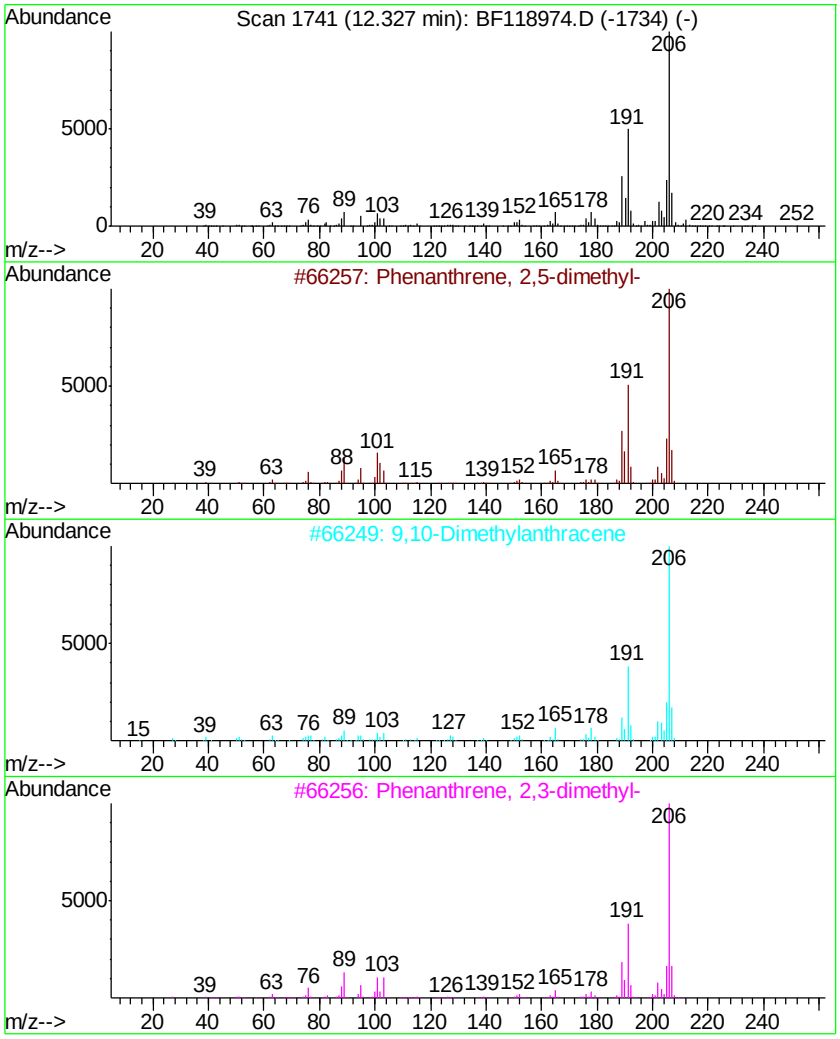
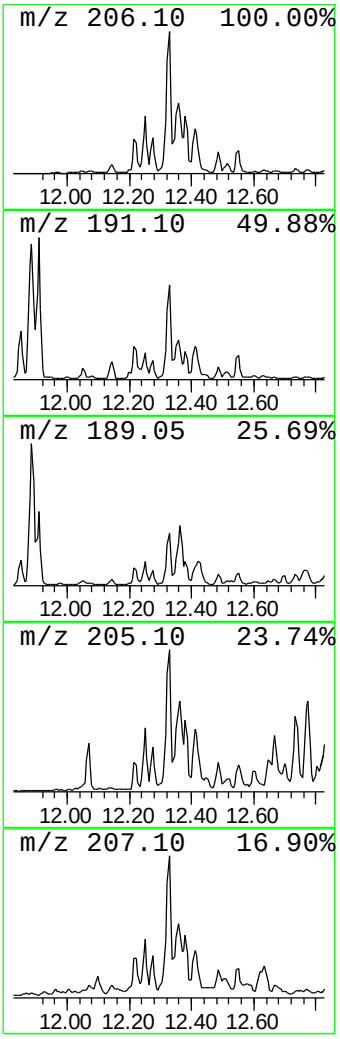
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.33 | 29.03 ng | 1813850 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 96 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 95 |
| 3 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 4 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 86 |



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Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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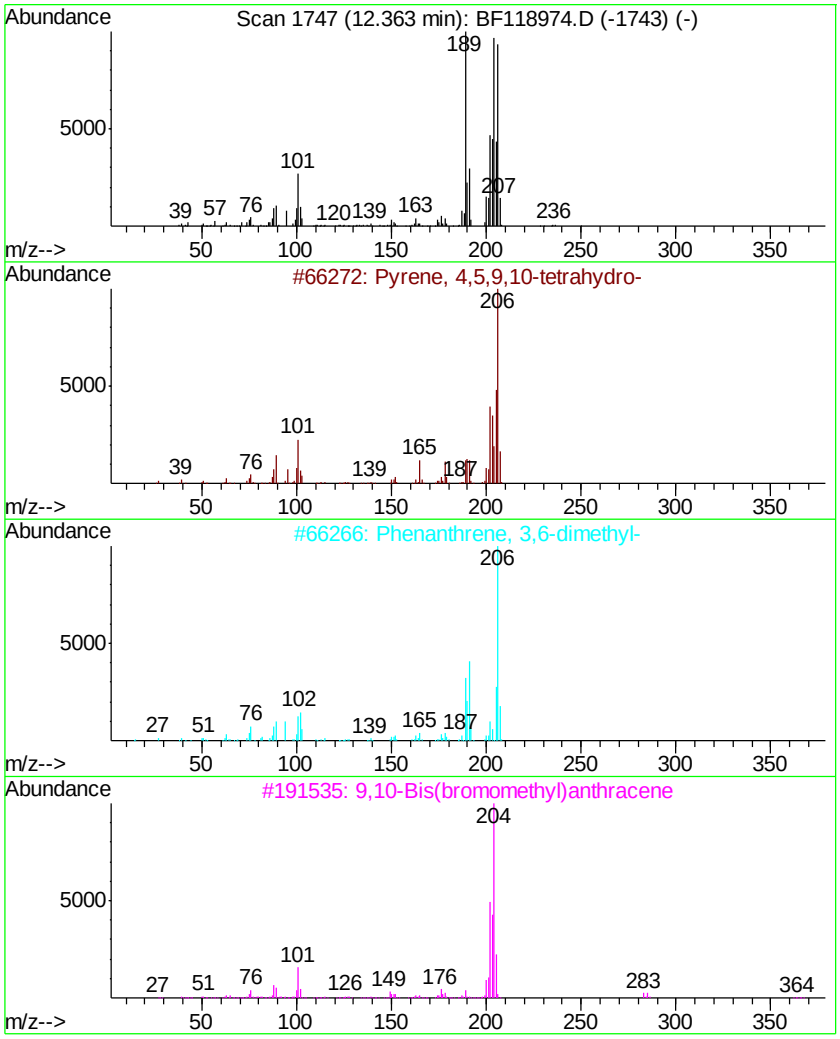
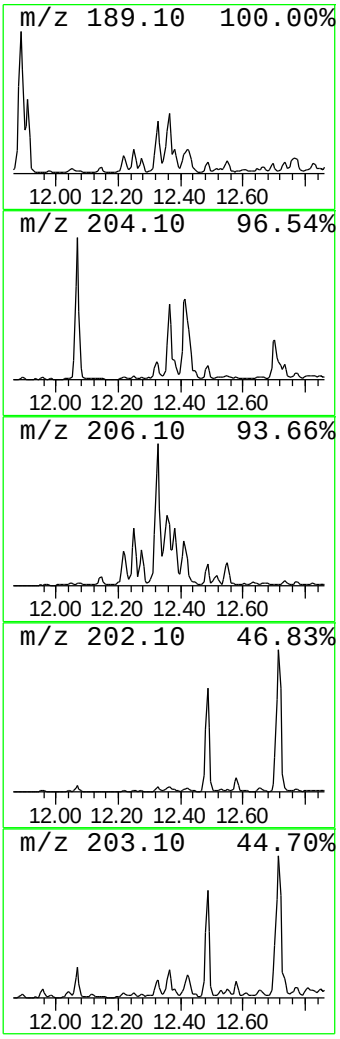
Peak Number 16 unknown12.36 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.36 | 19.00 ng | 1187040 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 4,5,9,10-tetrahydro- | 206 | C16H14 | 000781-17-9 | 46 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 38 |
| 3 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 30 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 25 |
| 5 | Tetramisole | 204 | C11H12N2S | 005036-02-2 | 25 |



Library Search Compound Report

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Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

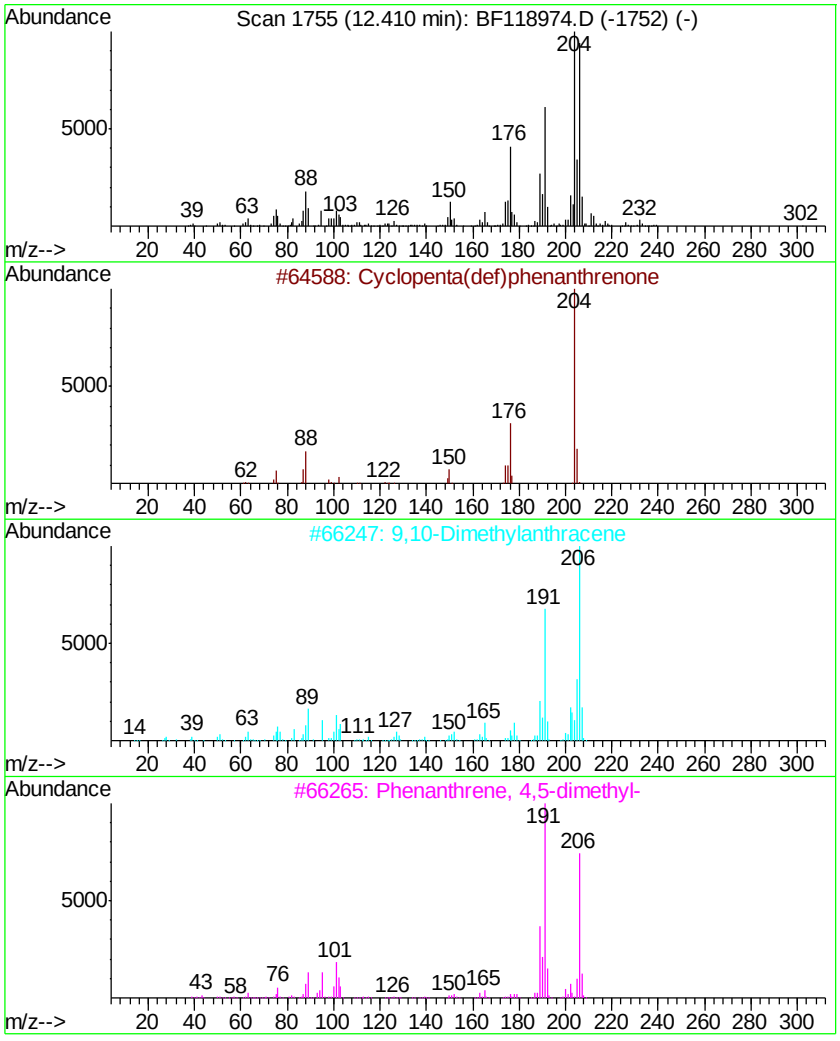
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

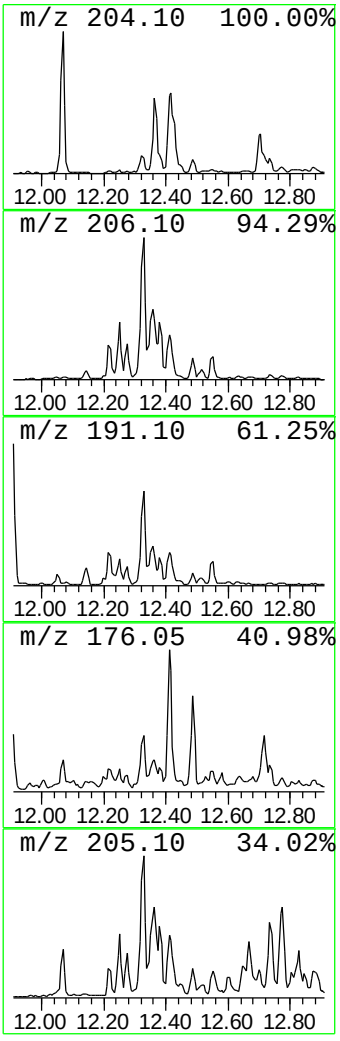
**********

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.41 | 15.20 ng | 949878 | Phenanthrene-d10 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 93 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 70 |
| 3 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 64 |
| 4 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 55 |
| 5 | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14 | 086544-79-8 | 55 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

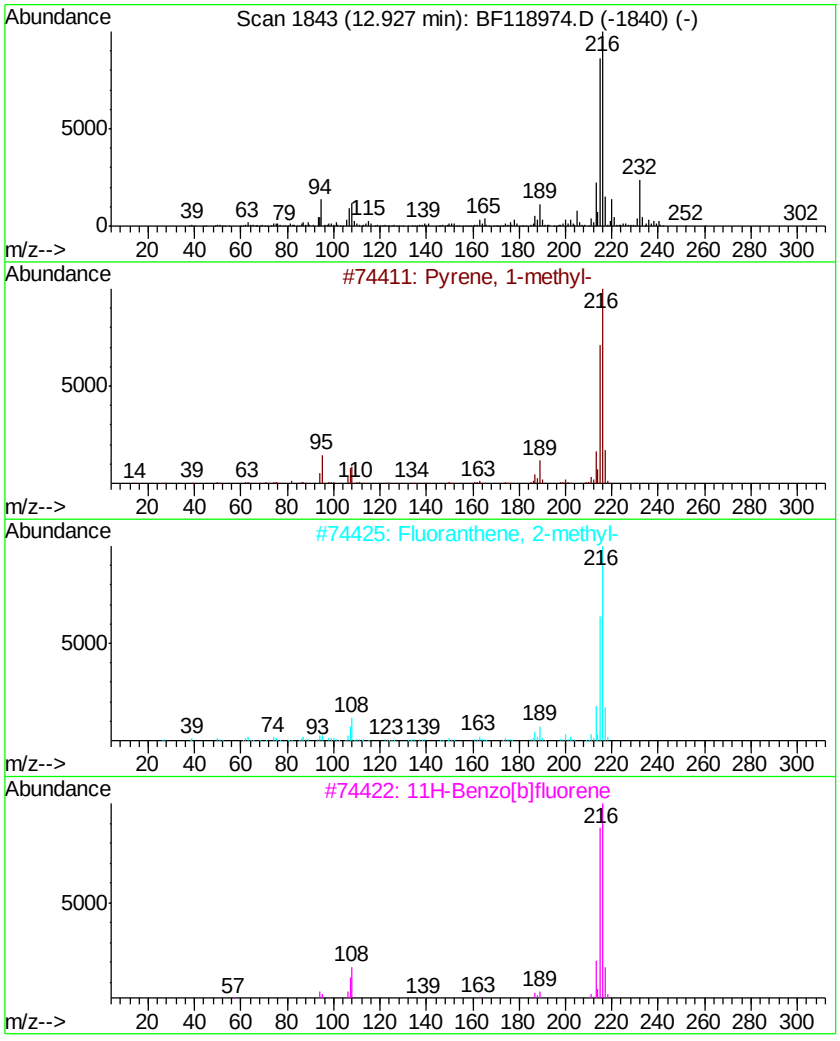
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

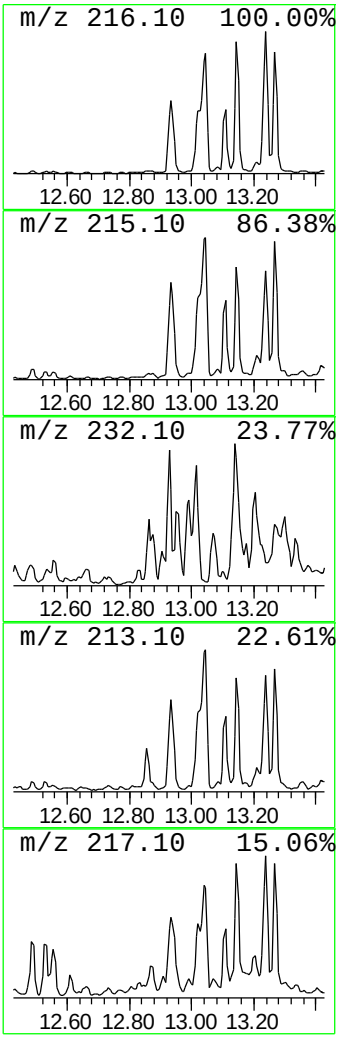
**********

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.93 | 7.94 ng | 1271440 | Chrysene-d12 | 13.91 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 89 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 80 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 68 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

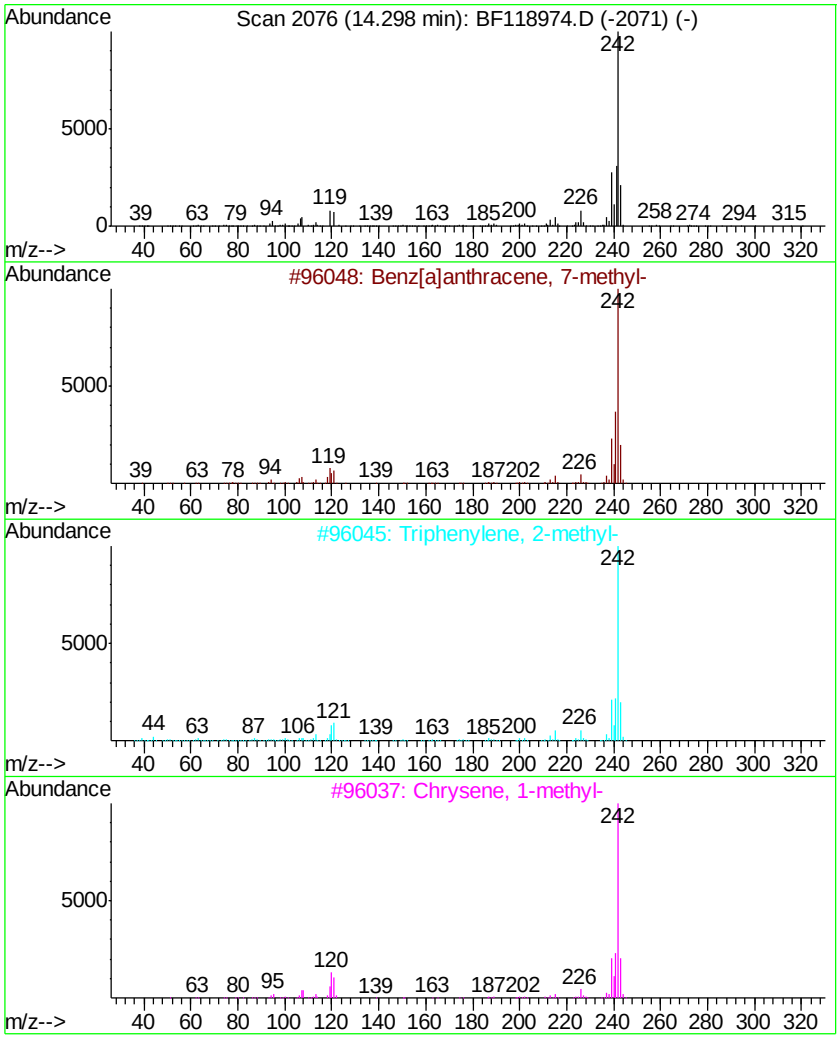
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

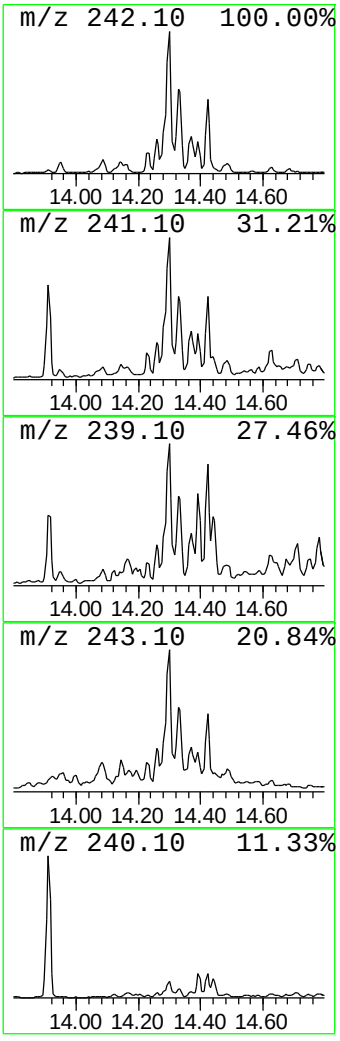
**********

Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.30 | 8.86 ng | 1418030 | Chrysene-d12 | 13.91 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benz[a]anthracene, 7-methyl- | 242 | C19H14 | 002541-69-7 | 93 |
| 2 | Triphenylene, 2-methyl- | 242 | C19H14 | 001705-84-6 | 93 |
| 3 | Chrysene, 1-methyl- | 242 | C19H14 | 003351-28-8 | 91 |
| 4 | Chrysene, 5-methyl- | 242 | C19H14 | 003697-24-3 | 90 |
| 5 | Chrysene, 3-methyl- | 242 | C19H14 | 003351-31-3 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

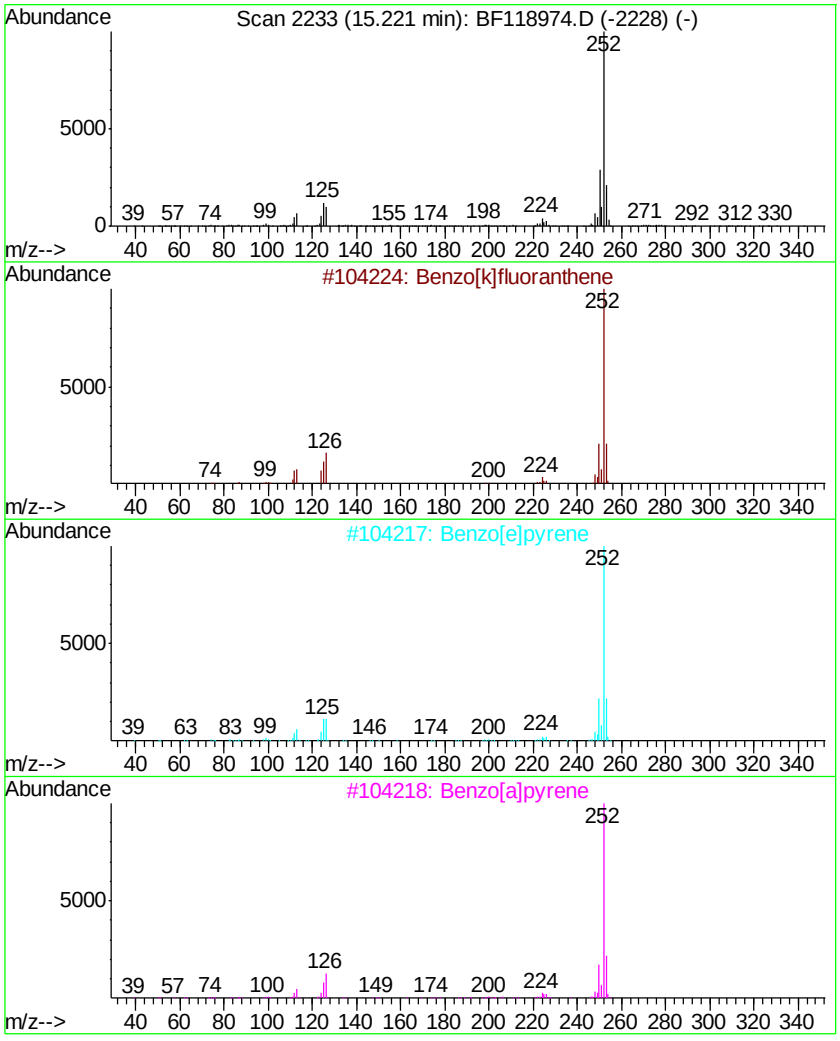
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

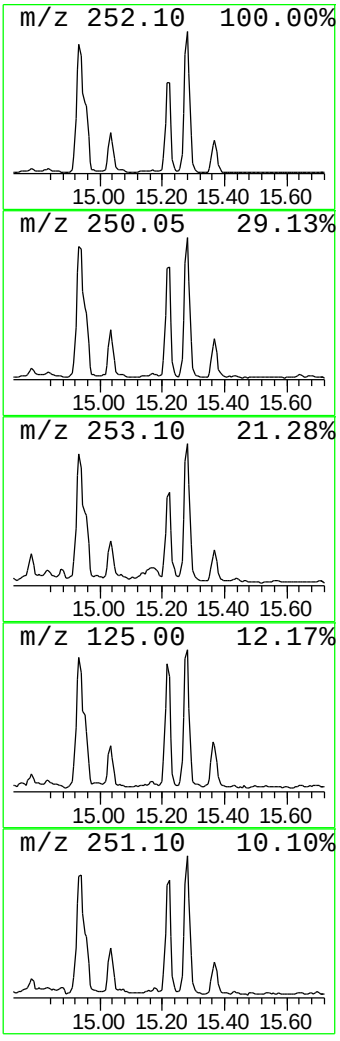
**********

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.22 | 17.81 ng | 976995 | Perylene-d12 | 15.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 98 |
| 2 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 97 |
| 4 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 95 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
Data File : BF118974.D
Acq On : 20 Feb 2020 22:42
Operator : CG/JU
Sample : L1546-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** INDIAN-ISLAND-(2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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 |
| Naphthalene, 1,5-... | 9.45 | 9.0 | ng | 747692 | 3 | 9.79 | 1668230 | 20.0 |
| 9H-Fluorene, 2-me... | 10.88 | 11.4 | ng | 709922 | 4 | 11.27 | 1249800 | 20.0 |
| 9H-Fluorene, 1-me... | 10.91 | 7.6 | ng | 477519 | 4 | 11.27 | 1249800 | 20.0 |
| Dibenzothiophene,... | 11.60 | 11.7 | ng | 733812 | 4 | 11.27 | 1249800 | 20.0 |
| 1-Methyldibenzoth... | 11.69 | 9.3 | ng | 584546 | 4 | 11.27 | 1249800 | 20.0 |
| Phenanthrene, 2-m... | 11.77 | 25.5 | ng | 1591590 | 4 | 11.27 | 1249800 | 20.0 |
| Phenanthrene, 1-m... | 11.80 | 33.5 | ng | 2096750 | 4 | 11.27 | 1249800 | 20.0 |
| Anthracene, 2-met... | 11.85 | 8.9 | ng | 559510 | 4 | 11.27 | 1249800 | 20.0 |
| Phenanthrene, 4-m... | 11.89 | 35.6 | ng | 2223030 | 4 | 11.27 | 1249800 | 20.0 |
| 1H-Cyclopropa[l]p... | 11.91 | 22.3 | ng | 1396220 | 4 | 11.27 | 1249800 | 20.0 |
| Naphthalene, 2-ph... | 12.07 | 15.7 | ng | 977942 | 4 | 11.27 | 1249800 | 20.0 |
| 9,10-Anthracenedione | 12.10 | 11.7 | ng | 730497 | 4 | 11.27 | 1249800 | 20.0 |
| di-p-Tolylacetylene | 12.25 | 7.8 | ng | 488569 | 4 | 11.27 | 1249800 | 20.0 |
| Phenanthrene, 2,5... | 12.33 | 29.0 | ng | 1813850 | 4 | 11.27 | 1249800 | 20.0 |
| unknown12.36 | 12.36 | 19.0 | ng | 1187040 | 4 | 11.27 | 1249800 | 20.0 |
| Cyclopenta(def)ph... | 12.41 | 15.2 | ng | 949878 | 4 | 11.27 | 1249800 | 20.0 |
| 11H-Benzo[b]fluorene | 12.93 | 7.9 | ng | 1271440 | 5 | 13.91 | 3202470 | 20.0 |
| Benz[a]anthracene... | 14.30 | 8.9 | ng | 1418030 | 5 | 13.91 | 3202470 | 20.0 |
| Benzo[e]pyrene | 15.22 | 17.8 | ng | 976995 | 6 | 15.34 | 1097360 | 20.0 |