LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JPP-11-012723

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132279.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.307 | 414 | 420 | 427 | rVB | 844154 | 1007473 | 31.78% | 2.366% |
| 2 | 5.690 | 480 | 485 | 488 | rBV | 2688921 | 2435158 | 76.82% | 5.718% |
| 3 | 6.684 | 649 | 654 | 657 | rBV | 2411390 | 2401356 | 75.75% | 5.639% |
| 4 | 7.072 | 716 | 720 | 723 | rBV | 1060533 | 831921 | 26.24% | 1.953% |
| 5 | 7.631 | 811 | 815 | 818 | rBV | 1994533 | 1618600 | 51.06% | 3.801% |
| 6 | 8.354 | 935 | 938 | 941 | rBV | 1313643 | 1070119 | 33.76% | 2.513% |
| 7 | 8.378 | 941 | 942 | 945 | rVB | 73547 | 36789 | 1.16% | 0.086% |
| 8 | 9.072 | 1057 | 1060 | 1063 | rBV | 50276 | 40052 | 1.26% | 0.094% |
| 9 | 9.172 | 1074 | 1077 | 1080 | rBV | 51699 | 39375 | 1.24% | 0.092% |
| 10 | 9.431 | 1117 | 1121 | 1124 | rBV | 3515168 | 2811651 | 88.70% | 6.602% |
| 11 | 9.701 | 1162 | 1167 | 1170 | rBV | 34722 | 49349 | 1.56% | 0.116% |
| 12 | 9.772 | 1175 | 1179 | 1182 | rBV | 65975 | 64862 | 2.05% | 0.152% |
| 13 | 9.978 | 1212 | 1214 | 1217 | rBV | 39030 | 33961 | 1.07% | 0.080% |
| 14 | 10.119 | 1235 | 1238 | 1241 | rVV | 1266948 | 1035304 | 32.66% | 2.431% |
| 15 | 10.154 | 1241 | 1244 | 1247 | rVB | 269653 | 208519 | 6.58% | 0.490% |
| 16 | 10.278 | 1260 | 1265 | 1267 | rBV2 | 31277 | 36441 | 1.15% | 0.086% |
| 17 | 10.325 | 1269 | 1273 | 1276 | rVB2 | 130019 | 119651 | 3.77% | 0.281% |
| 18 | 10.360 | 1276 | 1279 | 1282 | rBV | 40382 | 34040 | 1.07% | 0.080% |
| 19 | 10.436 | 1288 | 1292 | 1294 | rBV | 36273 | 35966 | 1.13% | 0.084% |
| 20 | 10.530 | 1301 | 1308 | 1313 | rVB5 | 36809 | 66581 | 2.10% | 0.156% |
| 21 | 10.672 | 1328 | 1332 | 1336 | rVB | 221892 | 194398 | 6.13% | 0.456% |
| 22 | 10.830 | 1356 | 1359 | 1363 | rVB | 157251 | 149413 | 4.71% | 0.351% |
| 23 | 10.913 | 1369 | 1373 | 1376 | rBV | 2027929 | 1661830 | 52.42% | 3.902% |
| 24 | 11.036 | 1392 | 1394 | 1400 | rVB2 | 44548 | 47372 | 1.49% | 0.111% |
| 25 | 11.225 | 1420 | 1426 | 1428 | rBV3 | 69635 | 100787 | 3.18% | 0.237% |
| 26 | 11.248 | 1428 | 1430 | 1433 | rVV2 | 51777 | 50127 | 1.58% | 0.118% |
| 27 | 11.307 | 1437 | 1440 | 1442 | rVB | 36047 | 34841 | 1.10% | 0.082% |
| 28 | 11.348 | 1442 | 1447 | 1449 | rBV3 | 62312 | 77743 | 2.45% | 0.183% |
| 29 | 11.372 | 1449 | 1451 | 1456 | rVB3 | 55580 | 52962 | 1.67% | 0.124% |
| 30 | 11.419 | 1456 | 1459 | 1463 | rVB | 103527 | 90940 | 2.87% | 0.214% |
| 31 | 11.460 | 1463 | 1466 | 1473 | rBV2 | 73091 | 114239 | 3.60% | 0.268% |
| 32 | 11.513 | 1473 | 1475 | 1478 | rBV | 124713 | 108966 | 3.44% | 0.256% |
| 33 | 11.619 | 1489 | 1493 | 1495 | rBV | 1155256 | 1013942 | 31.99% | 2.381% |
| 34 | 11.648 | 1495 | 1498 | 1501 | rVV | 2262629 | 1993182 | 62.88% | 4.680% |
| 35 | 11.695 | 1503 | 1506 | 1509 | rVV | 679269 | 554655 | 17.50% | 1.302% |
| 36 | 11.724 | 1509 | 1511 | 1514 | rVB2 | 51768 | 58618 | 1.85% | 0.138% |

LSC Area Percent Report

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Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.848 | 1525 | 1532 | 1534 | rBV2 | 115633 | 135666 | 4.28% | 0.319% |
| 38 | 11.913 | 1541 | 1543 | 1546 | rBV | 69338 | 54567 | 1.72% | 0.128% |
| 39 | 11.954 | 1547 | 1550 | 1554 | rVB3 | 71597 | 81353 | 2.57% | 0.191% |
| 40 | 12.030 | 1561 | 1563 | 1565 | rBV | 36339 | 36047 | 1.14% | 0.085% |
| 41 | 12.124 | 1576 | 1579 | 1581 | rBV | 715407 | 593139 | 18.71% | 1.393% |
| 42 | 12.154 | 1581 | 1584 | 1588 | rVB | 451520 | 402666 | 12.70% | 0.946% |
| 43 | 12.201 | 1588 | 1592 | 1595 | rBV | 187259 | 170012 | 5.36% | 0.399% |
| 44 | 12.236 | 1595 | 1598 | 1601 | rBV2 | 476346 | 583579 | 18.41% | 1.370% |
| 45 | 12.260 | 1601 | 1602 | 1605 | rVB | 241535 | 142672 | 4.50% | 0.335% |
| 46 | 12.301 | 1606 | 1609 | 1611 | rBV3 | 43683 | 43170 | 1.36% | 0.101% |
| 47 | 12.419 | 1626 | 1629 | 1631 | rBV | 253139 | 198460 | 6.26% | 0.466% |
| 48 | 12.442 | 1631 | 1633 | 1637 | rVB | 154468 | 123131 | 3.88% | 0.289% |
| 49 | 12.571 | 1652 | 1655 | 1658 | rVB | 101162 | 79051 | 2.49% | 0.186% |
| 50 | 12.601 | 1658 | 1660 | 1662 | rBV | 68574 | 48151 | 1.52% | 0.113% |
| 51 | 12.624 | 1662 | 1664 | 1666 | rVB | 75133 | 53868 | 1.70% | 0.126% |
| 52 | 12.677 | 1669 | 1673 | 1676 | rBV | 196247 | 219016 | 6.91% | 0.514% |
| 53 | 12.719 | 1677 | 1680 | 1682 | rVV2 | 113954 | 143229 | 4.52% | 0.336% |
| 54 | 12.766 | 1685 | 1688 | 1693 | rBV | 173983 | 183589 | 5.79% | 0.431% |
| 55 | 12.848 | 1698 | 1702 | 1705 | rVV | 3277475 | 2927261 | 92.34% | 6.874% |
| 56 | 12.883 | 1705 | 1708 | 1710 | rVV3 | 93475 | 92262 | 2.91% | 0.217% |
| 57 | 12.913 | 1710 | 1713 | 1719 | rVV3 | 121948 | 194211 | 6.13% | 0.456% |
| 58 | 12.966 | 1719 | 1722 | 1724 | rVV2 | 50911 | 63255 | 2.00% | 0.149% |
| 59 | 13.001 | 1725 | 1728 | 1730 | rVV | 142544 | 142270 | 4.49% | 0.334% |
| 60 | 13.083 | 1734 | 1742 | 1746 | rVV | 2628849 | 3169998 | 100.00% | 7.444% |
| 61 | 13.124 | 1746 | 1749 | 1753 | rVB2 | 146493 | 166286 | 5.25% | 0.390% |
| 62 | 13.213 | 1758 | 1764 | 1767 | rBV | 2591538 | 2384699 | 75.23% | 5.600% |
| 63 | 13.295 | 1773 | 1778 | 1781 | rBV3 | 177888 | 308946 | 9.75% | 0.725% |
| 64 | 13.354 | 1785 | 1788 | 1789 | rVV2 | 49405 | 47901 | 1.51% | 0.112% |
| 65 | 13.377 | 1789 | 1792 | 1794 | rVV4 | 131665 | 171674 | 5.42% | 0.403% |
| 66 | 13.401 | 1794 | 1796 | 1799 | rVB | 342276 | 323500 | 10.21% | 0.760% |
| 67 | 13.430 | 1799 | 1801 | 1804 | rBV2 | 41735 | 42005 | 1.33% | 0.099% |
| 68 | 13.471 | 1805 | 1808 | 1810 | rBV | 239970 | 194256 | 6.13% | 0.456% |
| 69 | 13.507 | 1810 | 1814 | 1817 | rVV2 | 248638 | 286073 | 9.02% | 0.672% |
| 70 | 13.536 | 1817 | 1819 | 1822 | rVB | 67598 | 56813 | 1.79% | 0.133% |
| 71 | 13.601 | 1828 | 1830 | 1833 | rBV | 122210 | 115469 | 3.64% | 0.271% |
| 72 | 13.636 | 1833 | 1836 | 1839 | rVV | 151829 | 151465 | 4.78% | 0.356% |
| 73 | 13.913 | 1881 | 1883 | 1888 | rVB | 166357 | 155853 | 4.92% | 0.366% |
| 74 | 14.030 | 1899 | 1903 | 1905 | rBV2 | 189479 | 232614 | 7.34% | 0.546% |
| 75 | 14.060 | 1905 | 1908 | 1910 | rVV | 241609 | 233870 | 7.38% | 0.549% |
| 76 | 14.083 | 1910 | 1912 | 1915 | rVV2 | 190948 | 251712 | 7.94% | 0.591% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.124 | 1916 | 1919 | 1927 | rVB2 | 259502 | 361086 | 11.39% | 0.848% |
| 78 | 14.248 | 1937 | 1940 | 1941 | rBV2 | 92266 | 96705 | 3.05% | 0.227% |
| 79 | 14.277 | 1941 | 1945 | 1948 | rVV2 | 1414556 | 1970367 | 62.16% | 4.627% |
| 80 | 14.307 | 1948 | 1950 | 1956 | rVB | 925447 | 956407 | 30.17% | 2.246% |
| 81 | 14.389 | 1962 | 1964 | 1968 | rBV | 183607 | 167325 | 5.28% | 0.393% |
| 82 | 14.671 | 2010 | 2012 | 2015 | rVB | 158465 | 137432 | 4.34% | 0.323% |
| 83 | 15.165 | 2093 | 2096 | 2099 | rVB | 193869 | 201464 | 6.36% | 0.473% |
| 84 | 15.395 | 2131 | 2135 | 2138 | rBV | 643181 | 1000547 | 31.56% | 2.349% |
| 85 | 15.512 | 2153 | 2155 | 2159 | rVB | 132306 | 132037 | 4.17% | 0.310% |
| 86 | 15.736 | 2190 | 2193 | 2199 | rVB | 405509 | 521380 | 16.45% | 1.224% |
| 87 | 15.807 | 2201 | 2205 | 2211 | rVB | 579974 | 740010 | 23.34% | 1.738% |
| 88 | 15.871 | 2213 | 2216 | 2220 | rBV2 | 359998 | 478957 | 15.11% | 1.125% |
| 89 | 17.524 | 2493 | 2497 | 2509 | rVB2 | 250676 | 537913 | 16.97% | 1.263% |

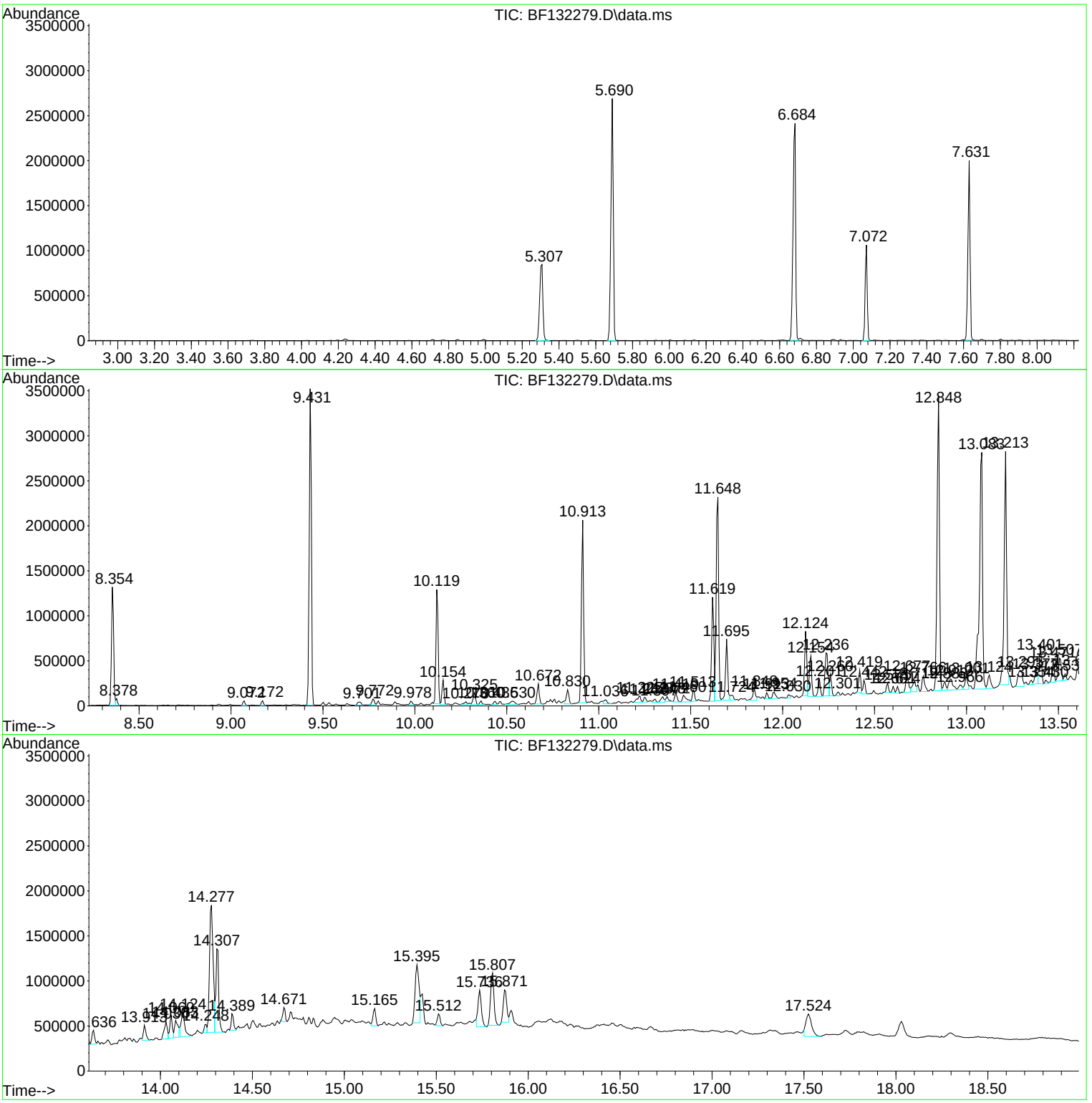
Sum of corrected areas: 42586572

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

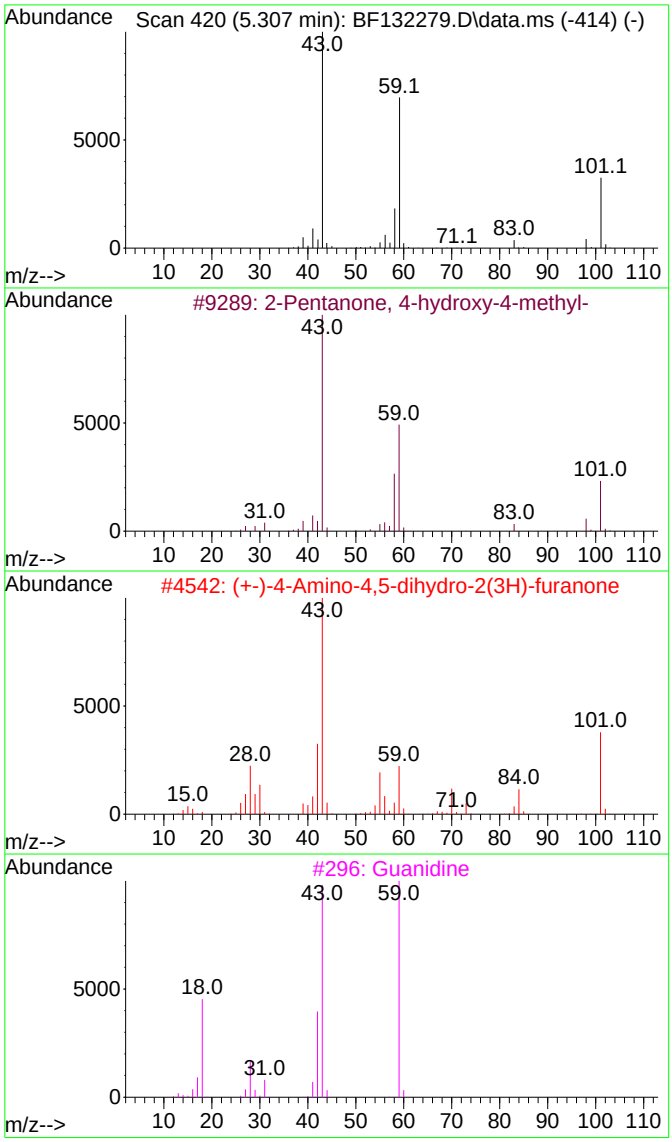
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

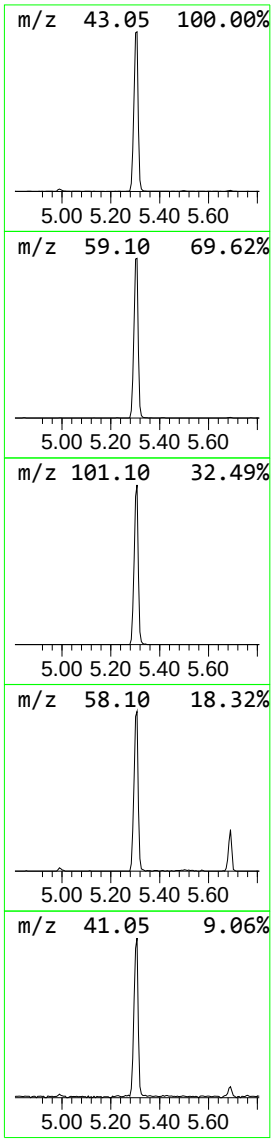
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.307 | 24.22 ng | 1007470 | 1,4-Dichlorobenzene-d4 | 7.072 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 47 |
| 3 | Guanidine | 59 | CH5N3 | 000113-00-8 | 43 |
| 4 | 1,8-Nonanediol, 8-methyl- | 174 | C10H22O2 | 054725-73-4 | 23 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

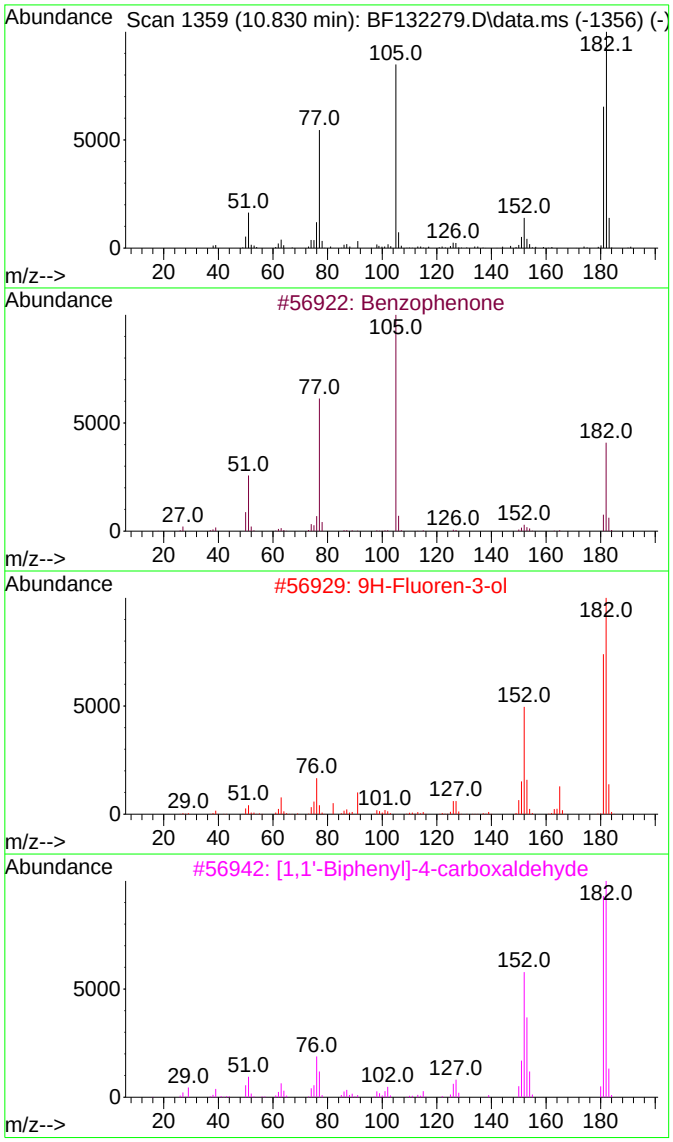
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

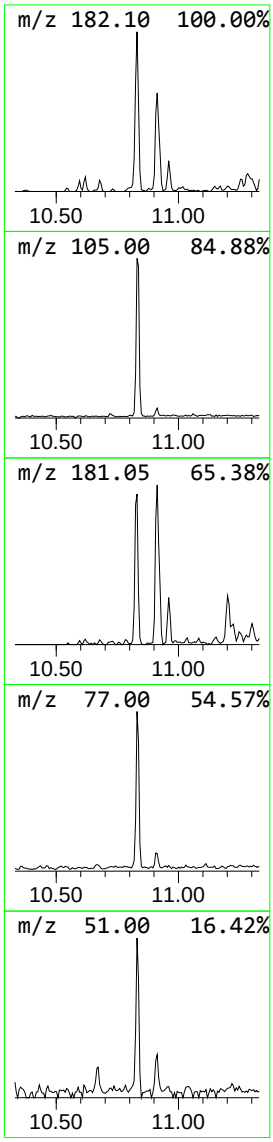
**********

Peak Number 2 Benzophenone Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.830 | 2.89 ng | 149413 | Acenaphthene-d10 | 10.119 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 74 |
| 2 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 62 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 58 |
| 4 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 52 |
| 5 | Benzaldehyde, 4-hydroxy-3,5-dime... | 182 | C9H10O4 | 000134-96-3 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

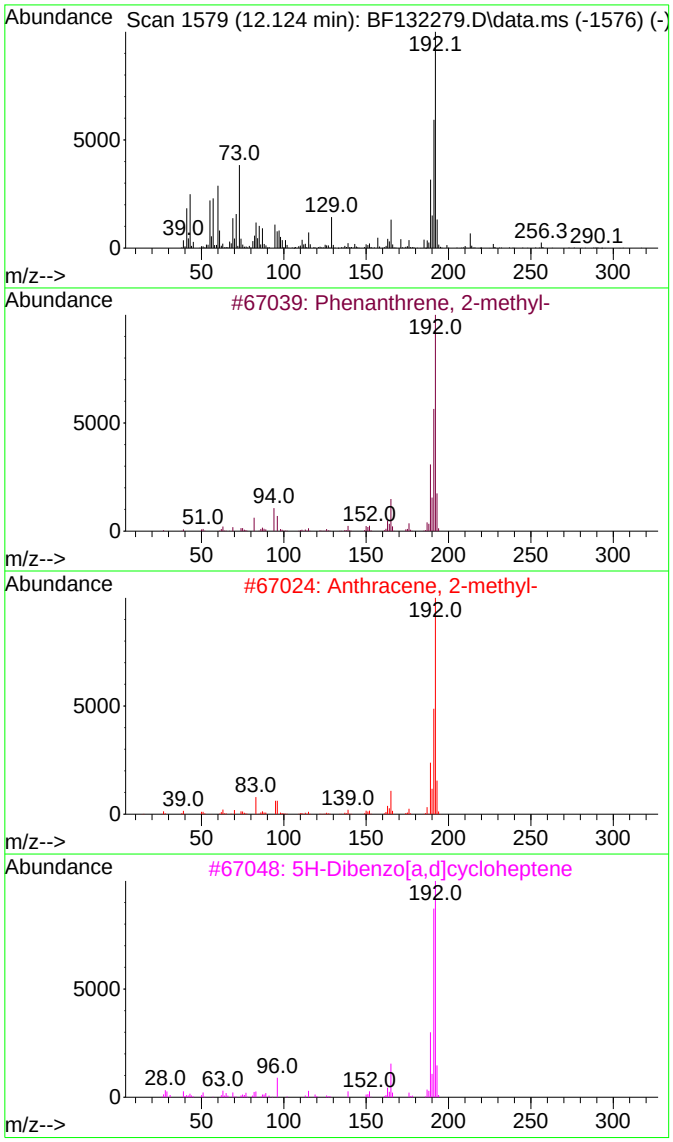
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

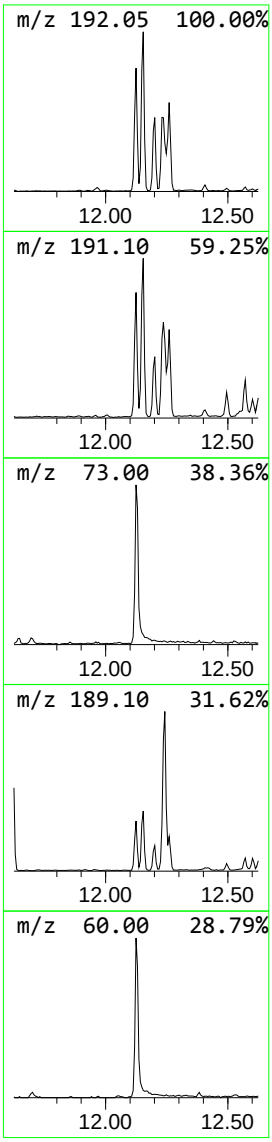
**********

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.124 | 11.70 ng | 593139 | Phenanthrene-d10 | 11.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 92 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 92 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

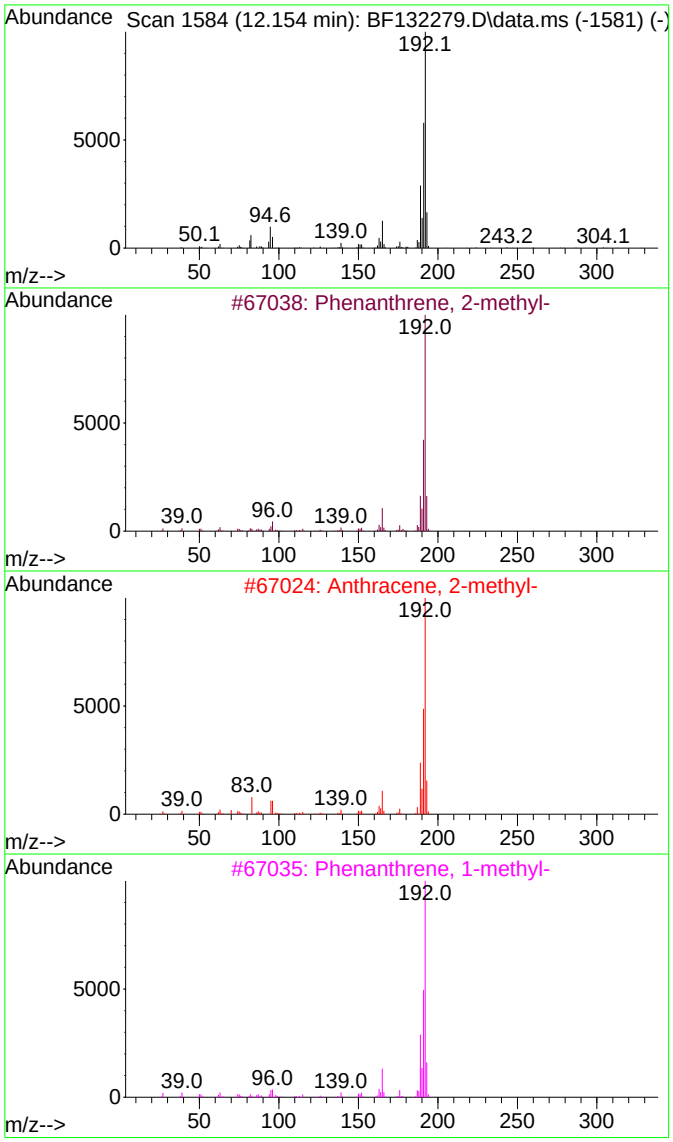
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

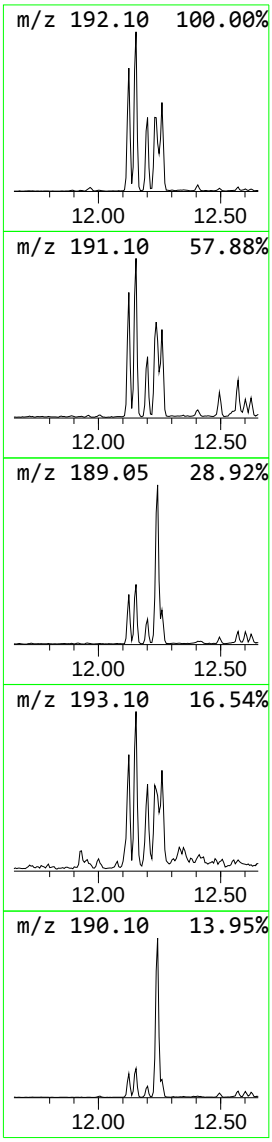
**********

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.154 | 7.94 ng | 402666 | Phenanthrene-d10 | 11.619 |

| 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 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

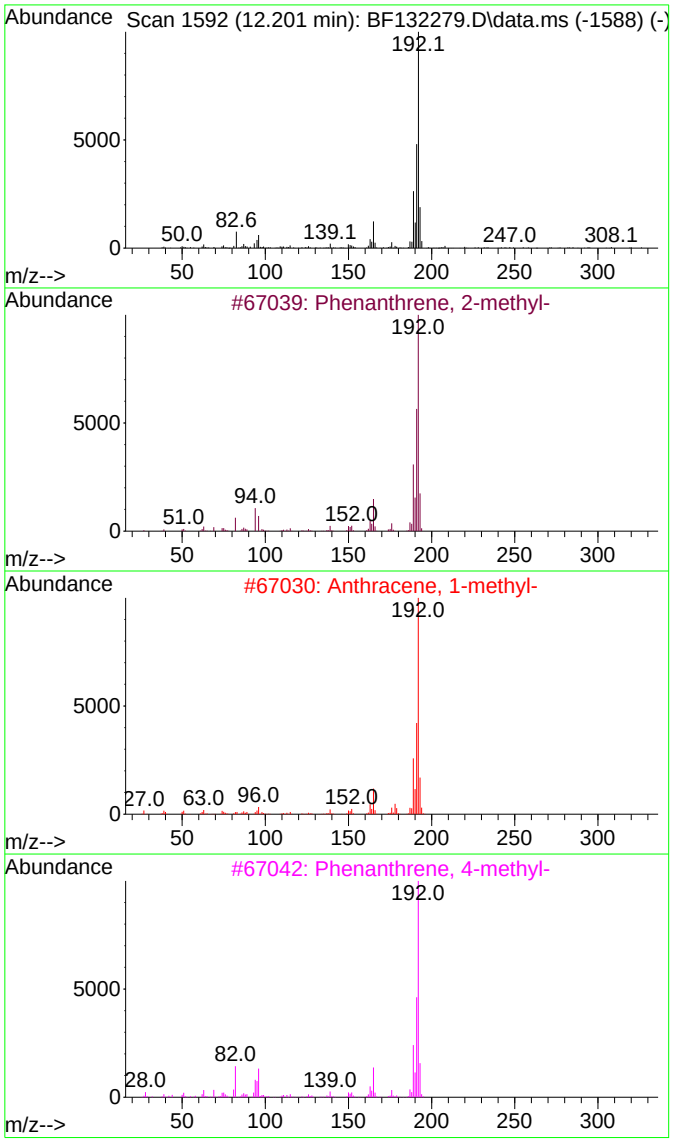
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

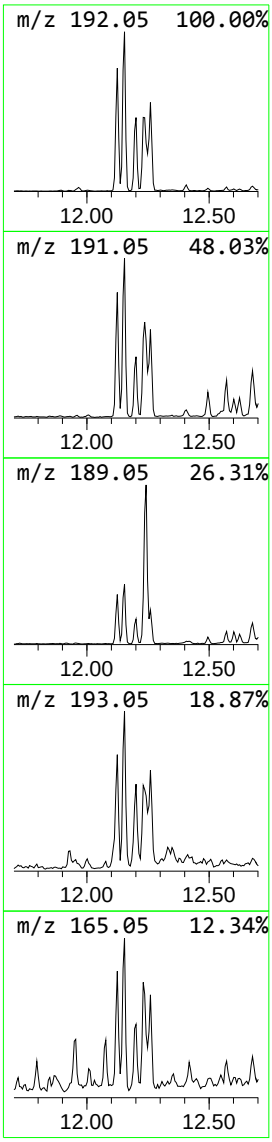
**********

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.201 | 3.35 ng | 170012 | Phenanthrene-d10 | 11.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 3 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 94 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |



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Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

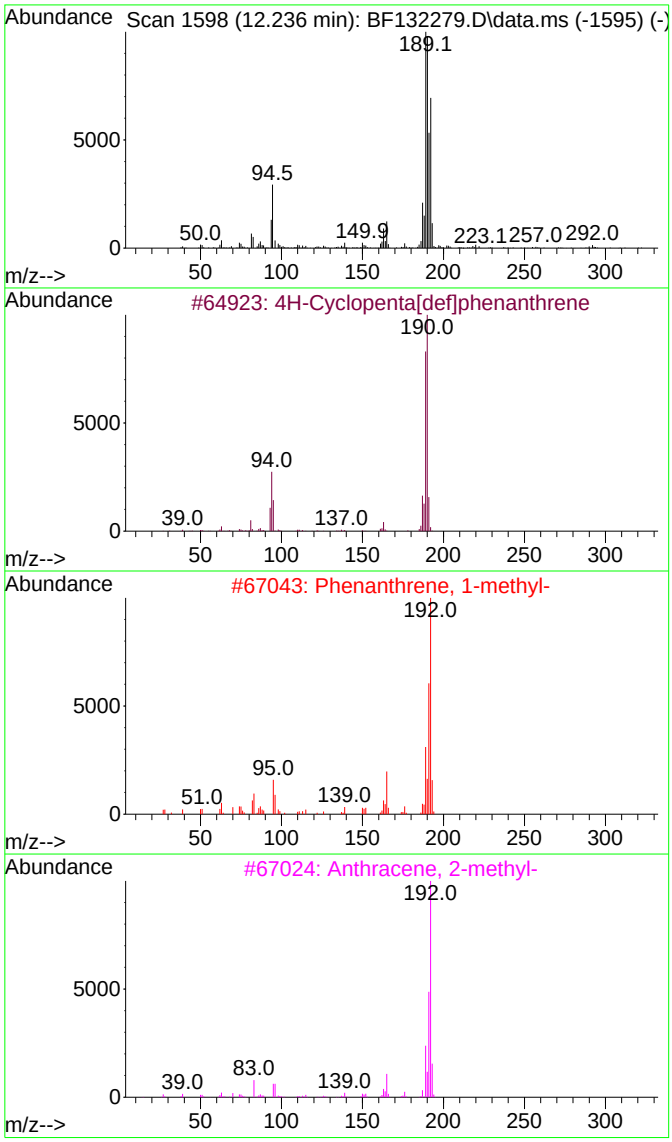
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

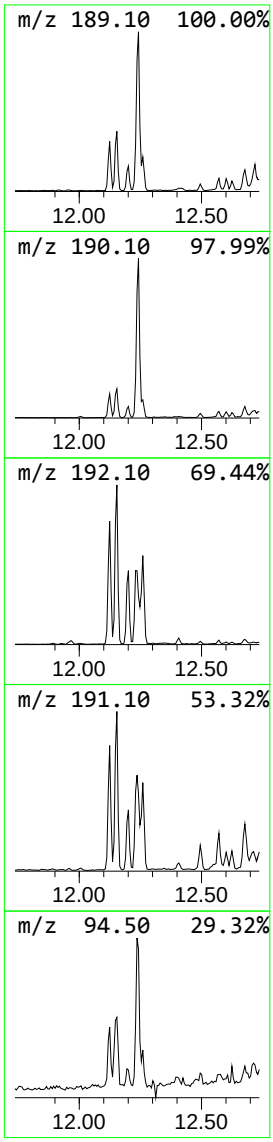
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.236 | 11.51 ng | 583579 | Phenanthrene-d10 | 11.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 35 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 25 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 20 |
| 5 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 20 |



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Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

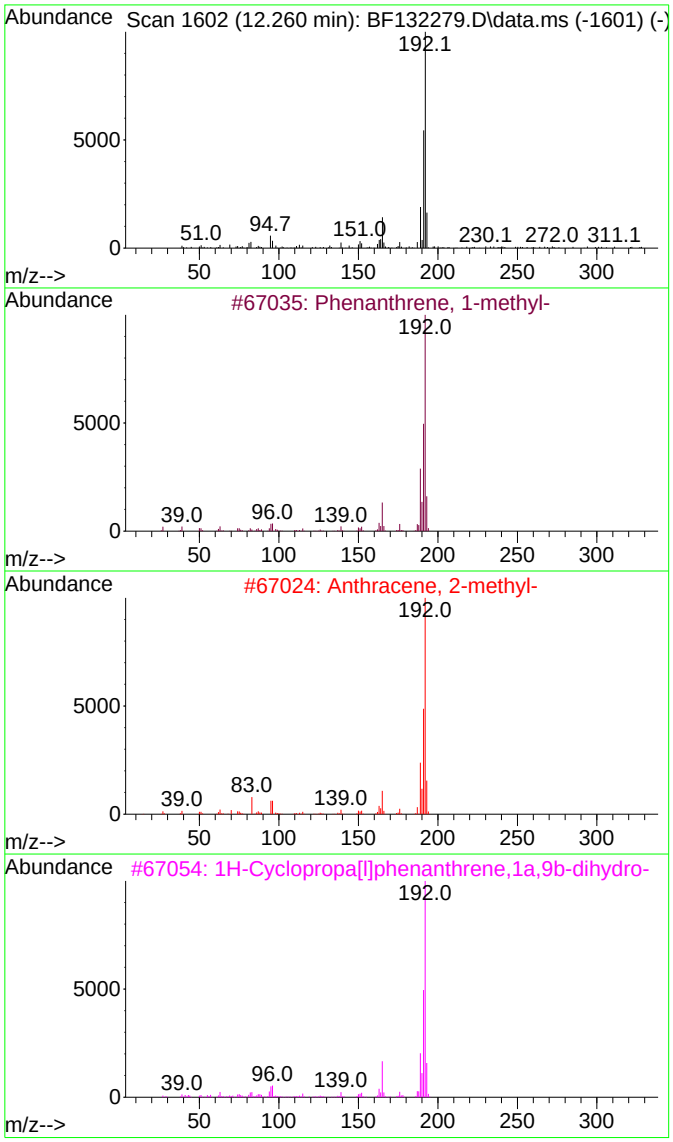
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

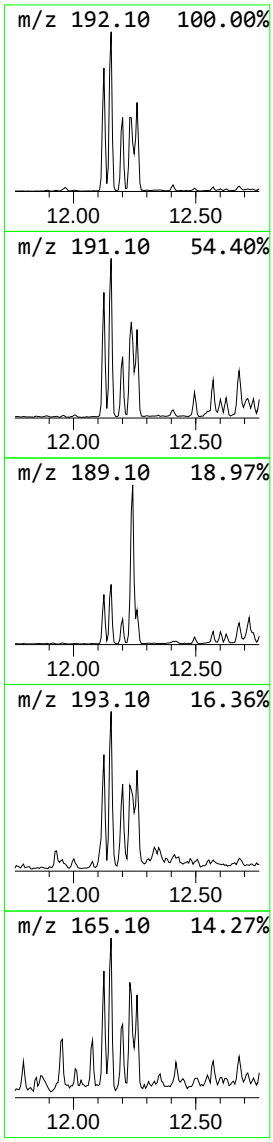
**********

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.260 | 2.81 ng | 142672 | Phenanthrene-d10 | 11.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 87 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 87 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 87 |



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Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

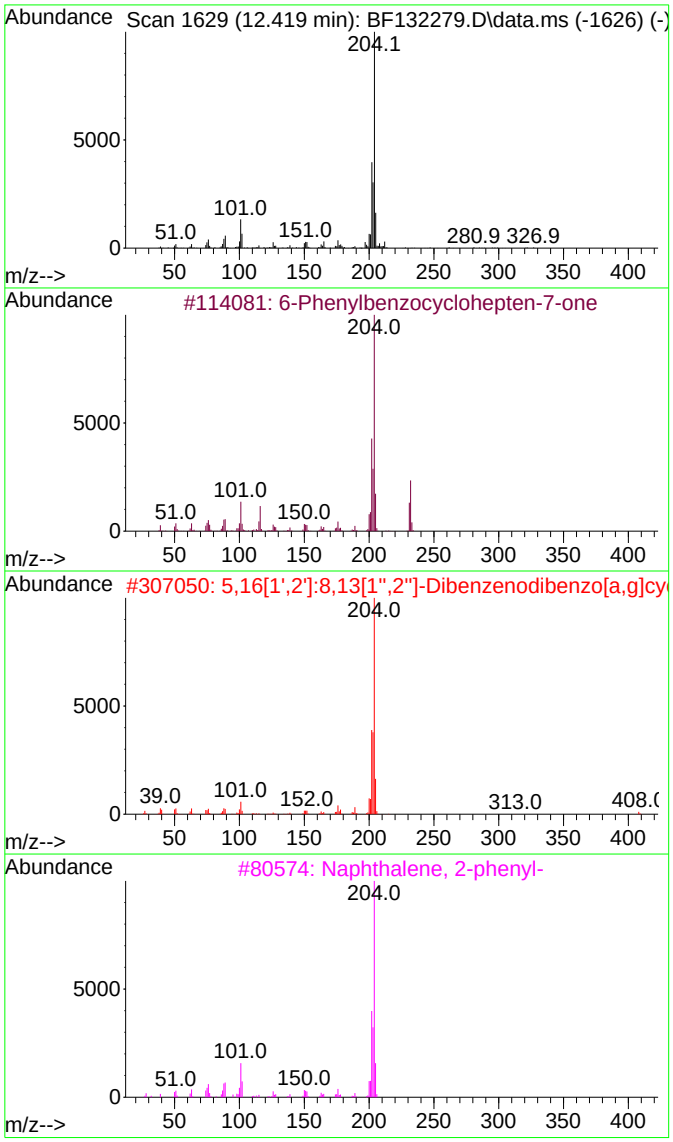
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

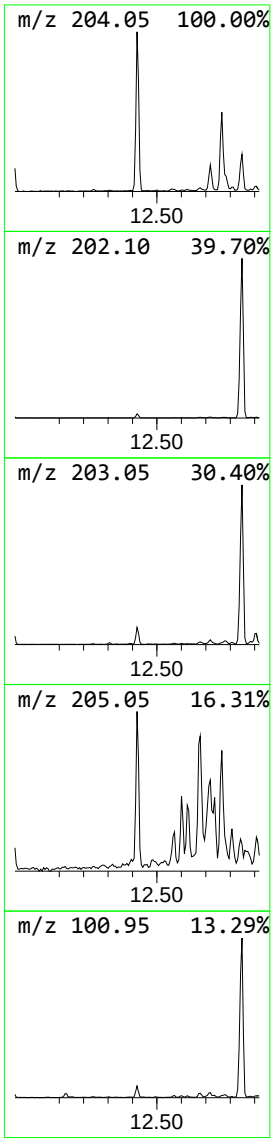
**********

Peak Number 9 6-Phenylbenzocyclohepten-7-one Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.419 | 3.91 ng | 198460 | Phenanthrene-d10 | 11.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Phenylbenzocyclohepten-7-one | 232 | C17H12O | 093327-56-1 | 91 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 91 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 86 |
| 4 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 60 |
| 5 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 58 |



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Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

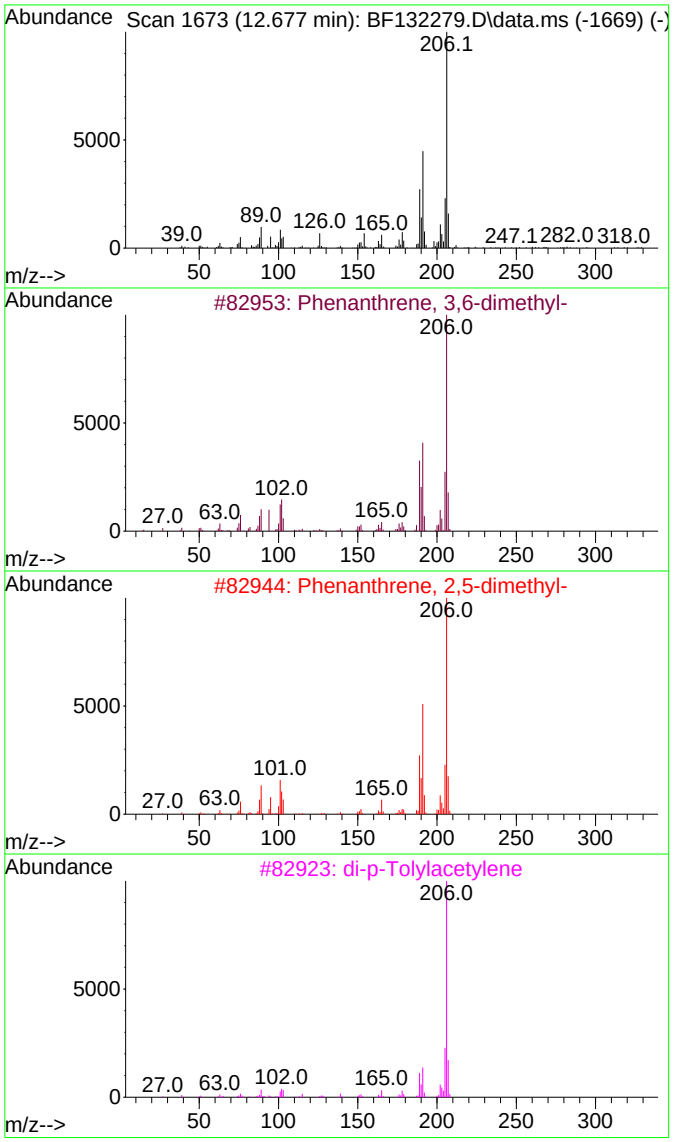
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

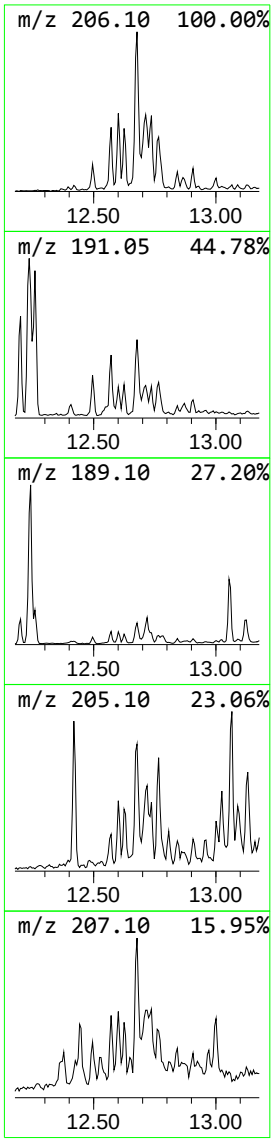
**********

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.677 | 4.32 ng | 219016 | Phenanthrene-d10 | 11.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 93 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 4 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |



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Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

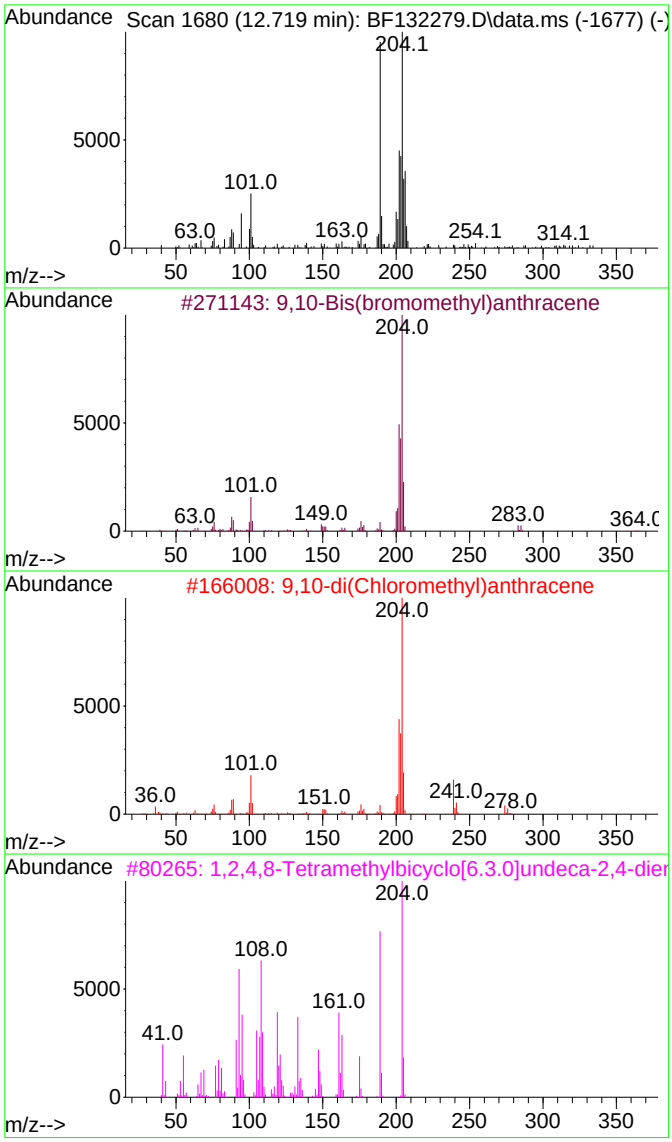
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

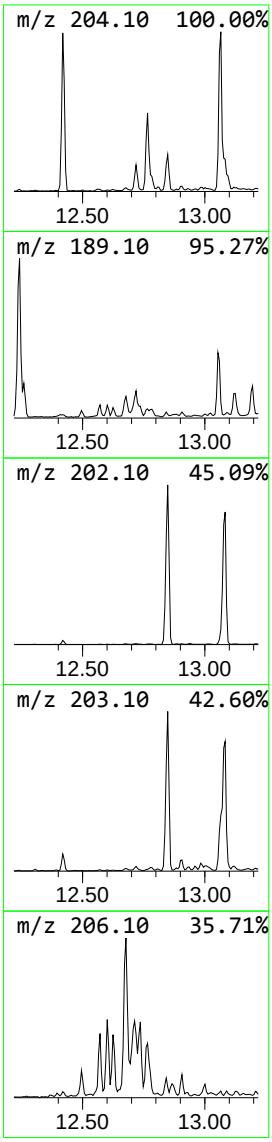
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 9,10-Bis(bromomethyl)anthra... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.719 | 2.83 ng | 143229 | Phenanthrene-d10 | 11.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 52 |
| 2 | 9,10-di(Chloromethyl)anthracene | 274 | C16H12Cl2 | 010387-13-0 | 52 |
| 3 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 46 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 43 |
| 5 | 2H-1-Benzopyran-2-one, 3-acetyl-... | 204 | C11H8O4 | 1000351-35-1 | 43 |



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Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

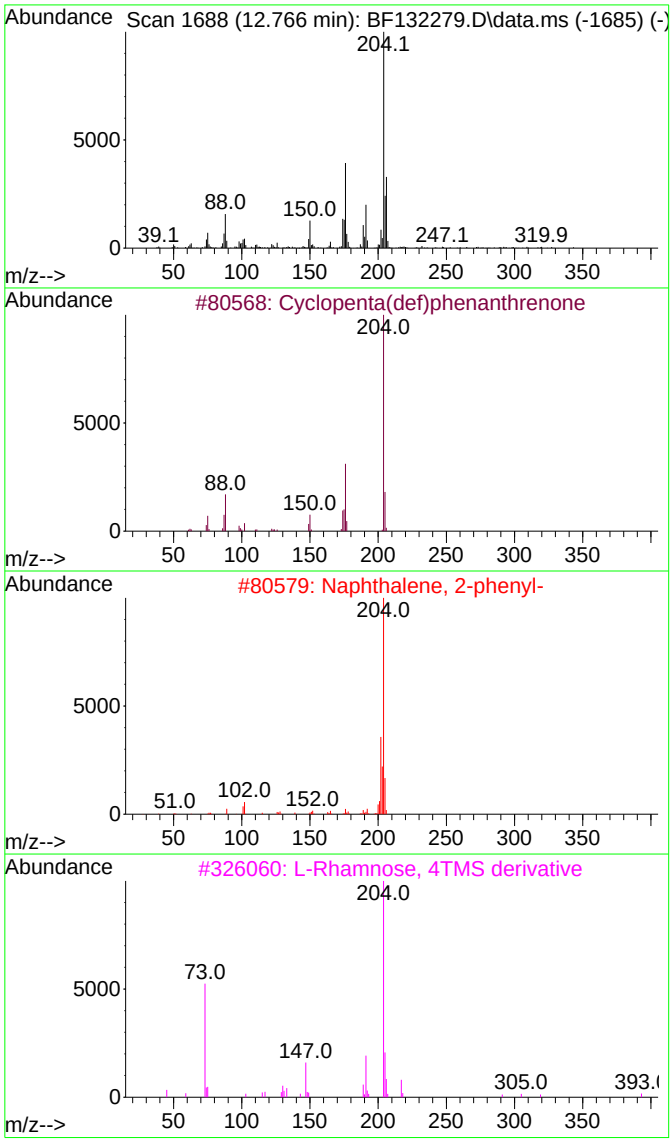
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

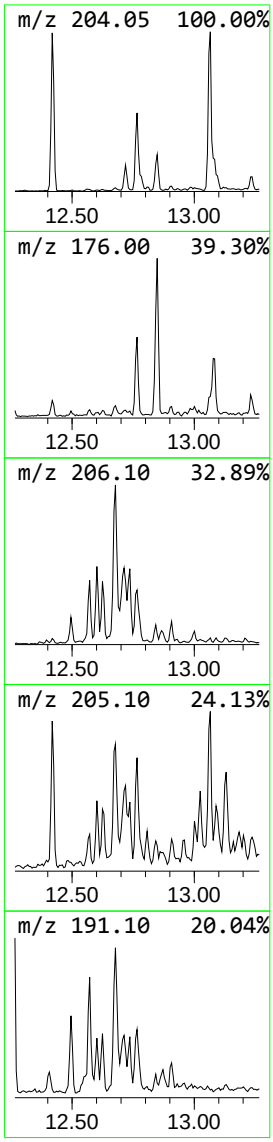
**********

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.766 | 3.62 ng | 183589 | Phenanthrene-d10 | 11.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 96 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 43 |
| 3 | L-Rhamnose, 4TMS derivative | 452 | C18H44O5Si4 | 019127-15-2 | 38 |
| 4 | [1,1'-Biphenyl]-2-ol, 5-chloro- | 204 | C12H9ClO | 000607-12-5 | 38 |
| 5 | 2-Chloro-4-phenylphenol | 204 | C12H9ClO | 000092-04-6 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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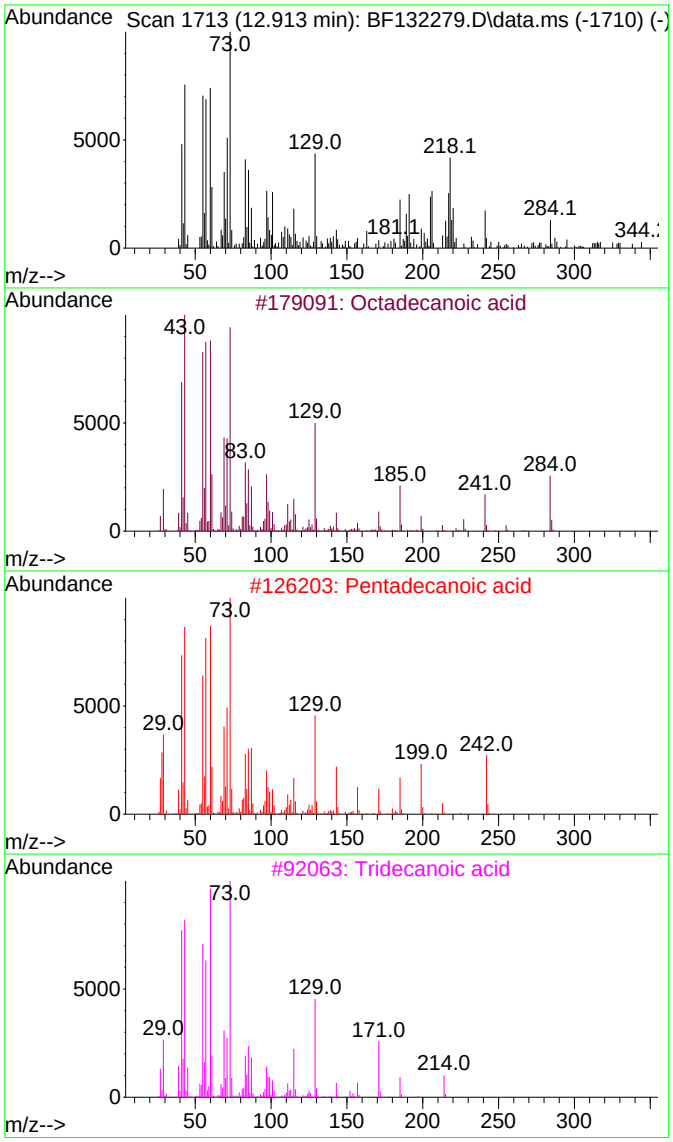
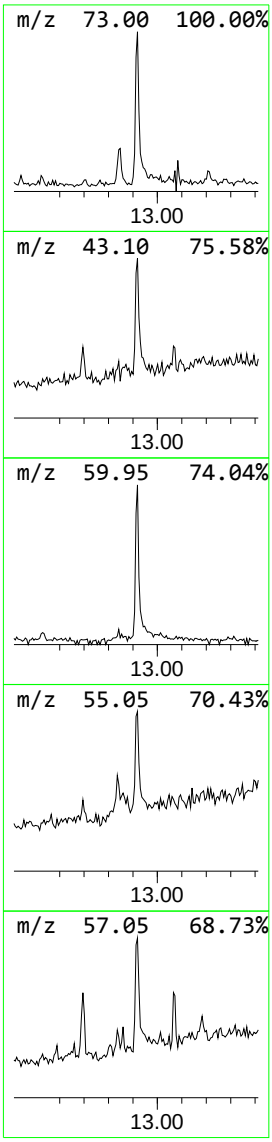
Peak Number 13 Octadecanoic acid Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.913 | 3.83 ng | 194211 | Phenanthrene-d10 | 11.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 38 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 35 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 32 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

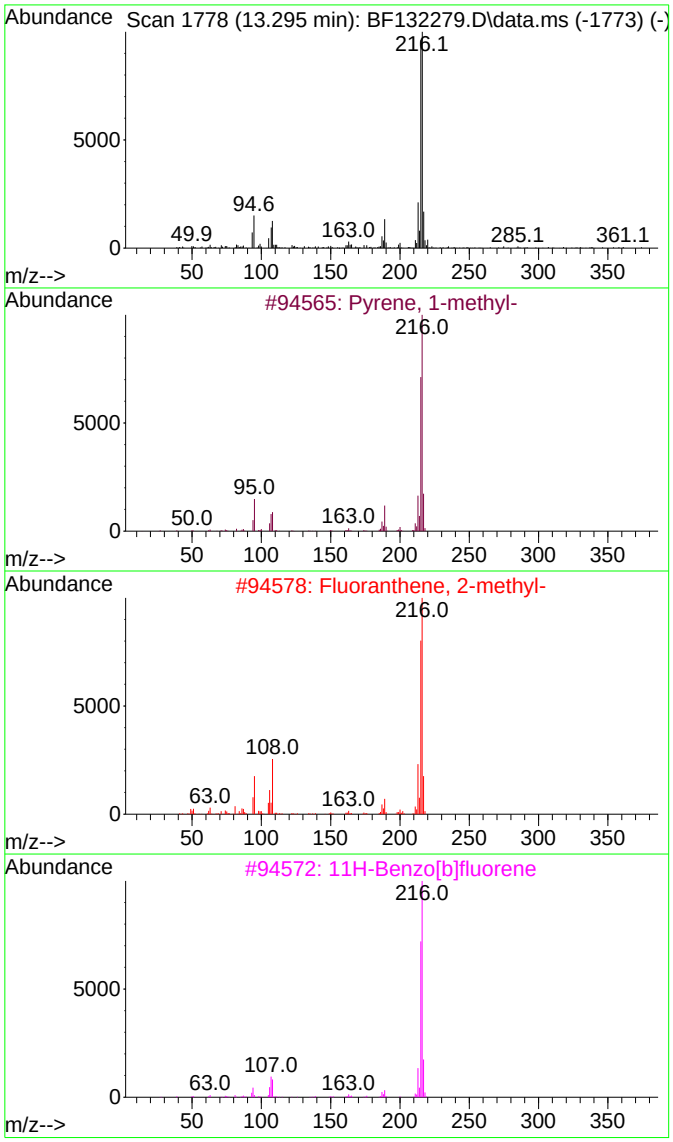
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

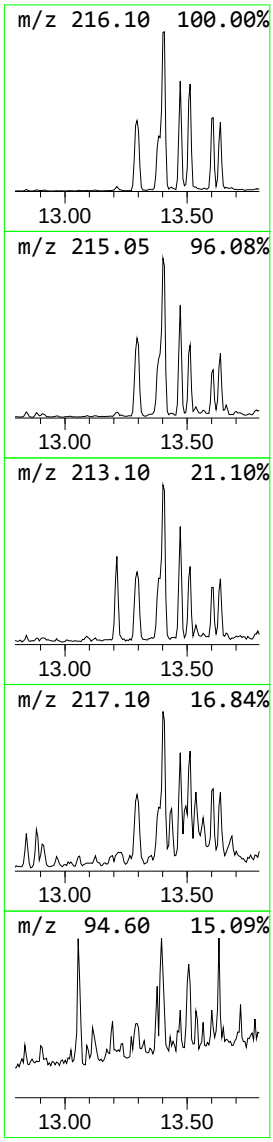
**********

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.295 | 3.14 ng | 308946 | Chrysene-d12 | 14.283 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

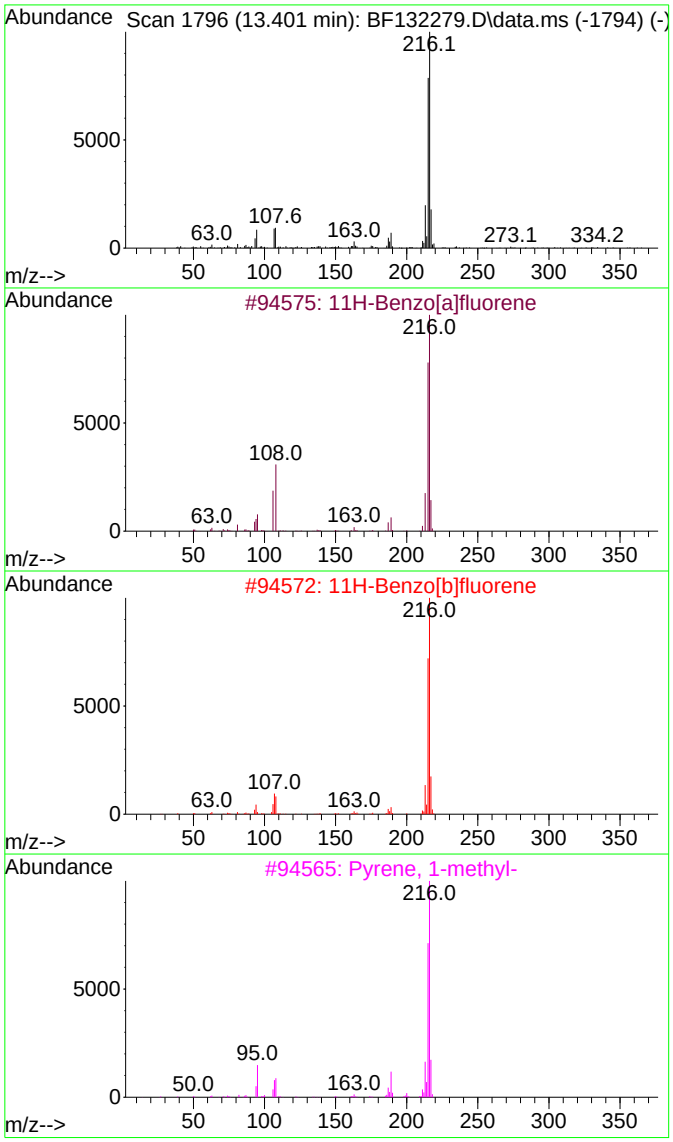
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

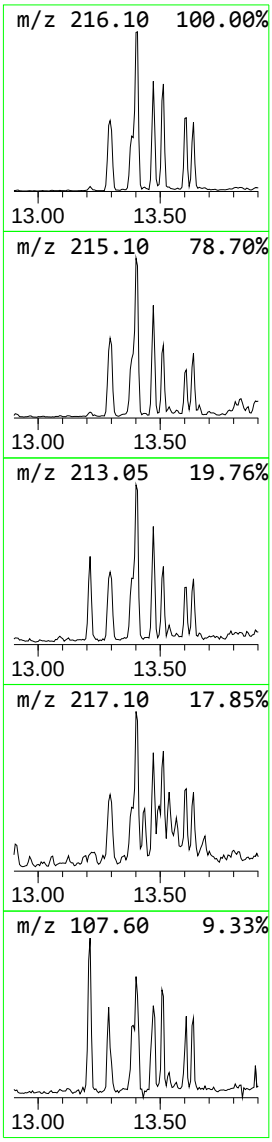
**********

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.401 | 3.28 ng | 323500 | Chrysene-d12 | 14.283 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 94 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 87 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

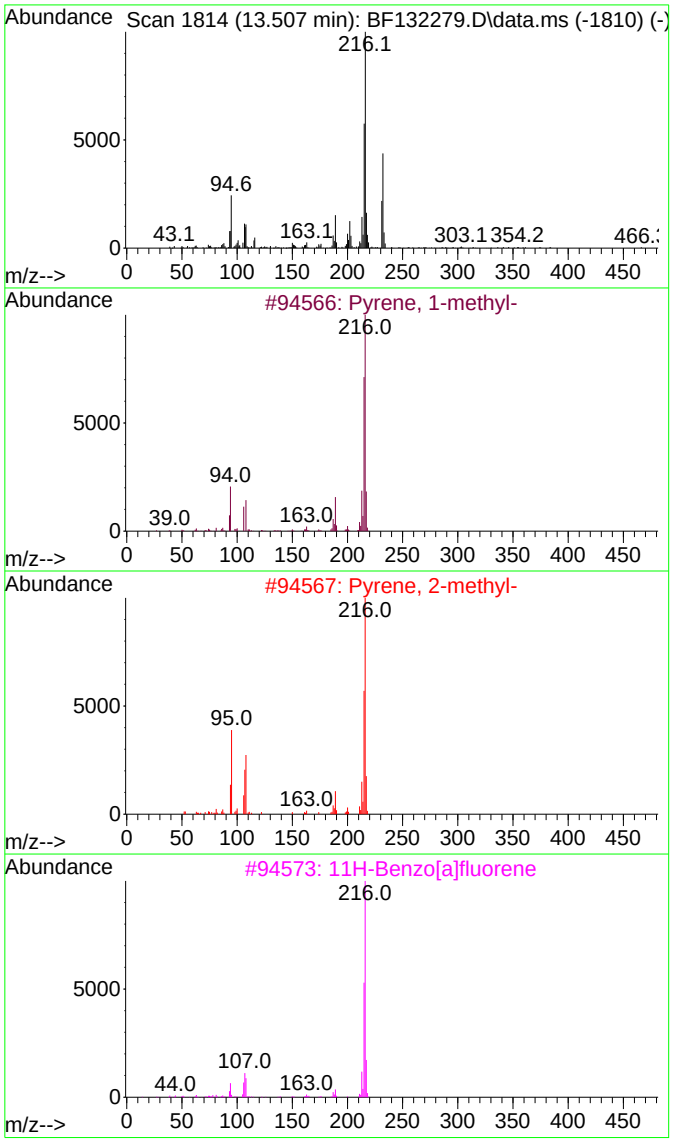
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

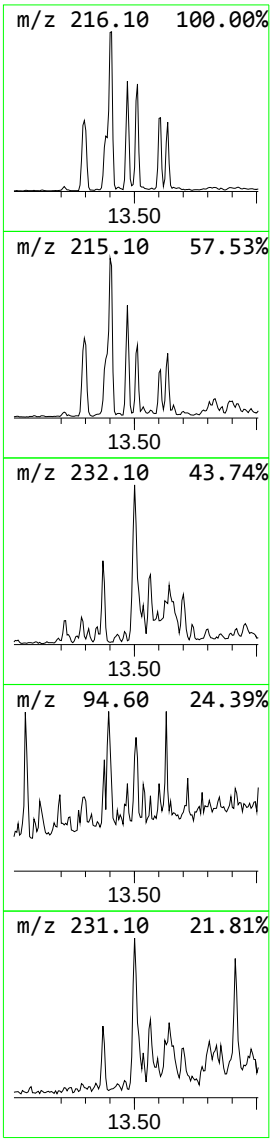
**********

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.507 | 2.90 ng | 286073 | Chrysene-d12 | 14.283 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 95 |
| 2 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 86 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 60 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 55 |
| 5 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

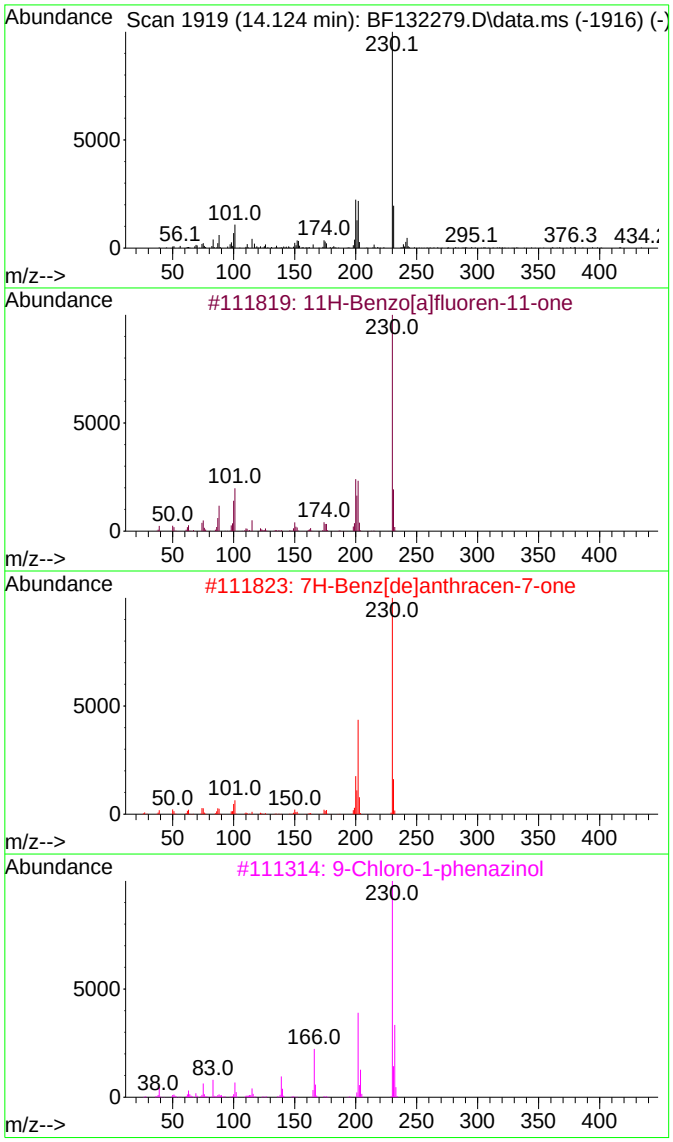
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

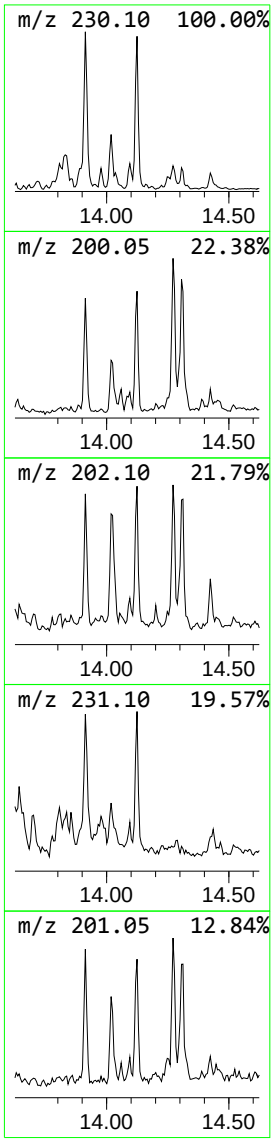
**********

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.124 | 3.67 ng | 361086 | Chrysene-d12 | 14.283 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 91 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 81 |
| 3 | 9-Chloro-1-phenazinol | 230 | C12H7ClN2O | 091268-03-0 | 59 |
| 4 | m-Terphenyl | 230 | C18H14 | 000092-06-8 | 53 |
| 5 | o-Terphenyl | 230 | C18H14 | 000084-15-1 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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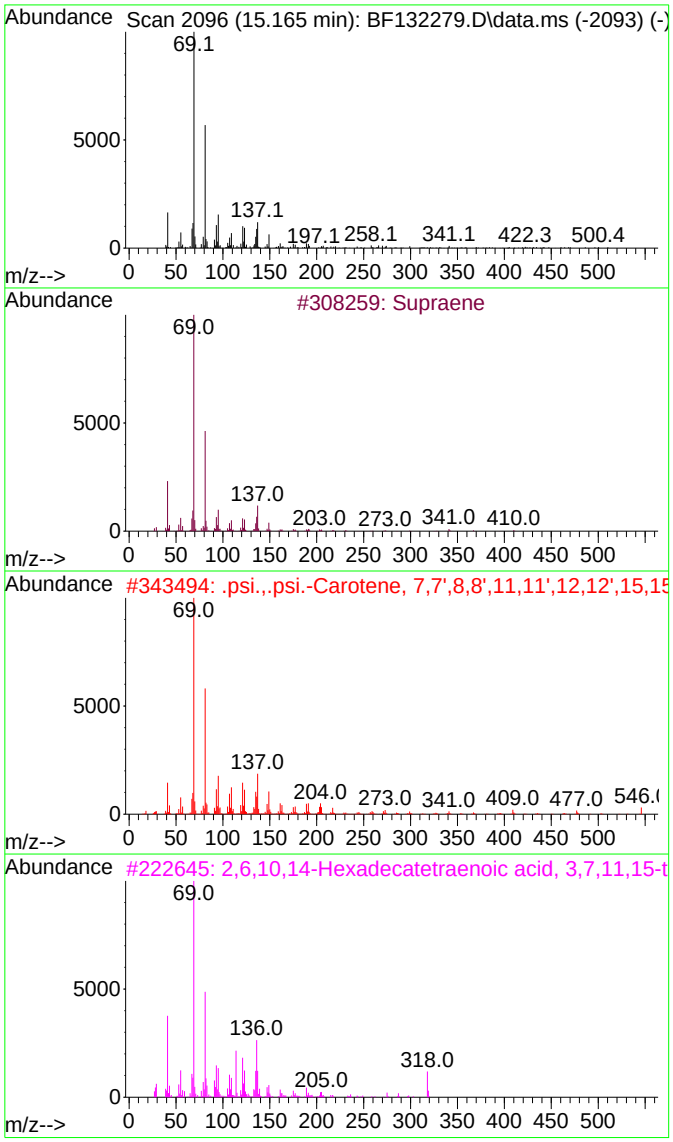
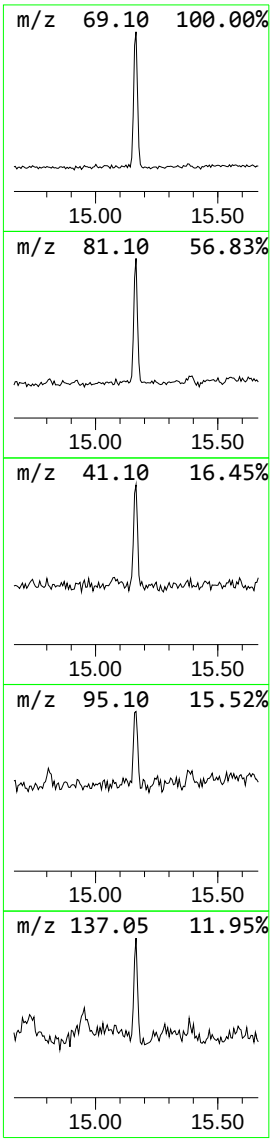
Peak Number 18 Supraene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.165 | 8.41 ng | 201464 | Perylene-d12 | 15.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 90 |
| 2 | .psi.,.psi.-Carotene, 7,7',8,8',... | 547 | C40H66 | 000502-62-5 | 78 |
| 3 | 2,6,10,14-Hexadecatetraenoic aci... | 318 | C21H34O2 | 042207-88-5 | 72 |
| 4 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 64 |
| 5 | 2,6,10,14-Hexadecatetraenoic aci... | 332 | C22H36O2 | 024035-35-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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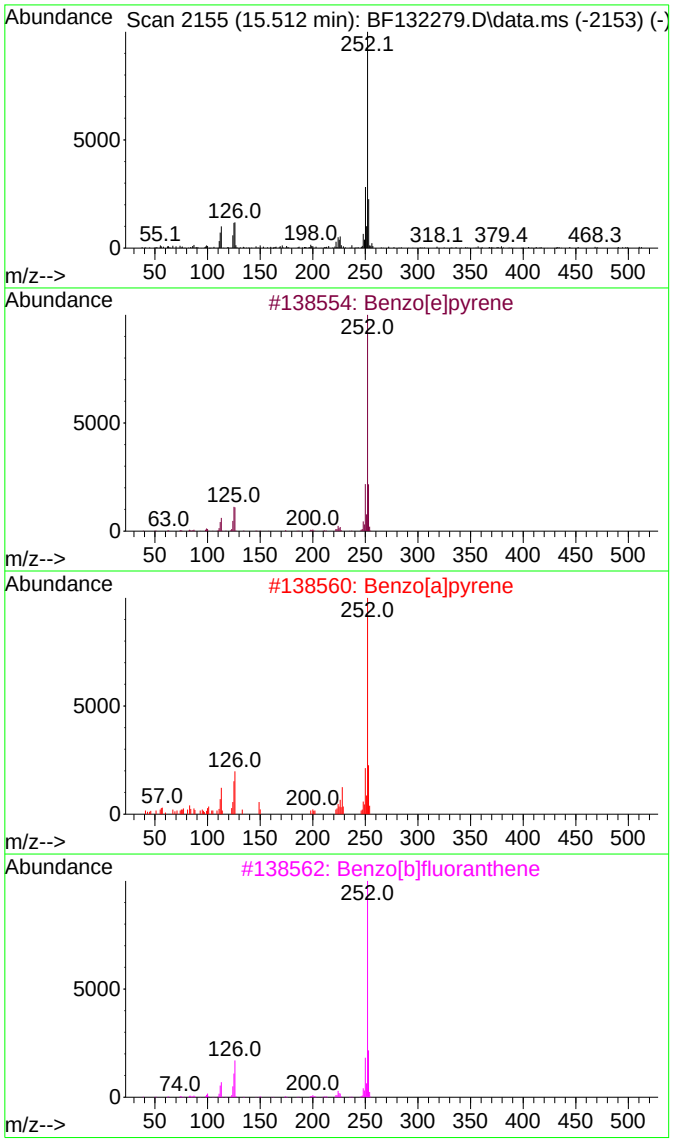
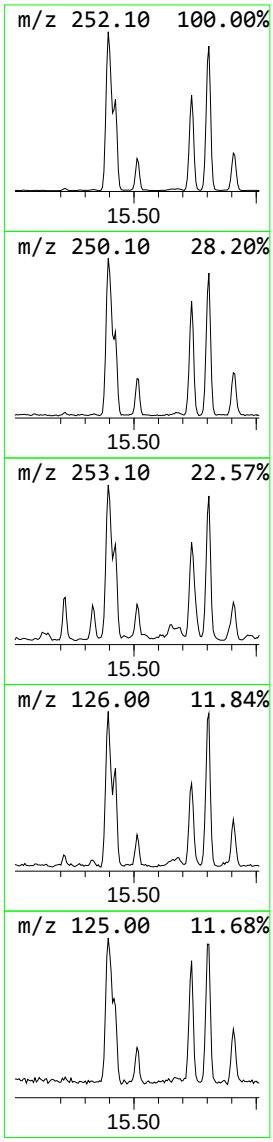
Peak Number 19 Benzo[e]pyrene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.512 | 5.51 ng | 132037 | Perylene-d12 | 15.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 91 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 89 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 89 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 81 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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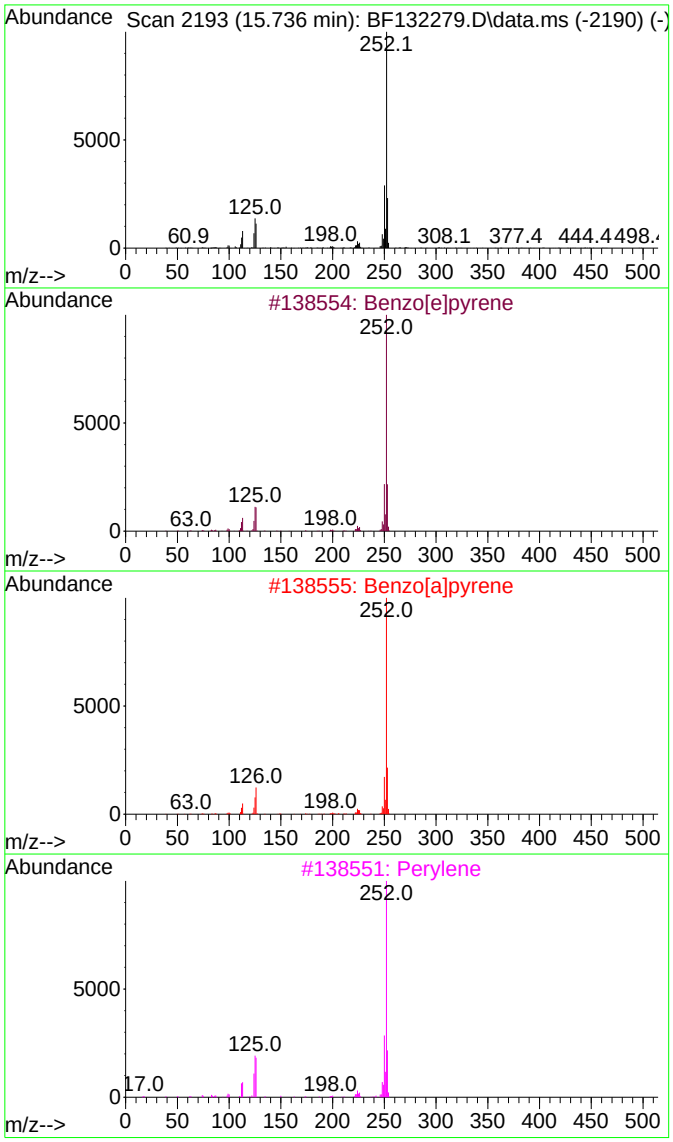
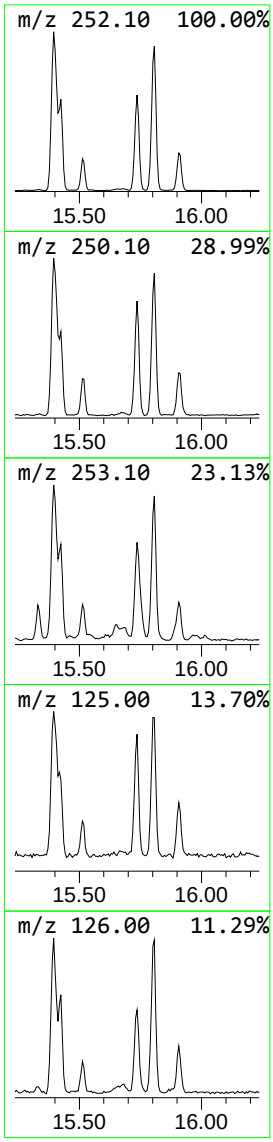
Peak Number 20 Perylene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.736 | 21.77 ng | 521380 | Perylene-d12 | 15.871 |

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



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132279.D
Acq On : 02 Feb 2023 01:20
Operator : CG\JU
Sample : 01358-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JPP-11-012723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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 |
| 2-Pentanone, 4-... | 5.307 | 24.2 | ng | 1007470 | 1 | 7.072 | 831921 | 20.0 |
| Benzophenone | 10.830 | 2.9 | ng | 149413 | 3 | 10.119 | 1035300 | 20.0 |
| Phenanthrene, 2... | 12.124 | 11.7 | ng | 593139 | 4 | 11.619 | 1013940 | 20.0 |
| Anthracene, 2-m... | 12.154 | 7.9 | ng | 402666 | 4 | 11.619 | 1013940 | 20.0 |
| Anthracene, 1-m... | 12.201 | 3.4 | ng | 170012 | 4 | 11.619 | 1013940 | 20.0 |
| 4H-Cyclopenta[d... | 12.236 | 11.5 | ng | 583579 | 4 | 11.619 | 1013940 | 20.0 |
| Phenanthrene, 1... | 12.260 | 2.8 | ng | 142672 | 4 | 11.619 | 1013940 | 20.0 |
| 6-Phenylbenzocy... | 12.419 | 3.9 | ng | 198460 | 4 | 11.619 | 1013940 | 20.0 |
| Phenanthrene, 3... | 12.677 | 4.3 | ng | 219016 | 4 | 11.619 | 1013940 | 20.0 |
| 9,10-Bis(bromom... | 12.719 | 2.8 | ng | 143229 | 4 | 11.619 | 1013940 | 20.0 |
| Cyclopenta(def)... | 12.766 | 3.6 | ng | 183589 | 4 | 11.619 | 1013940 | 20.0 |
| Octadecanoic acid | 12.913 | 3.8 | ng | 194211 | 4 | 11.619 | 1013940 | 20.0 |
| Pyrene, 1-methyl- | 13.295 | 3.1 | ng | 308946 | 5 | 14.283 | 1970370 | 20.0 |
| 11H-Benzo[a]flu... | 13.401 | 3.3 | ng | 323500 | 5 | 14.283 | 1970370 | 20.0 |
| Pyrene, 2-methyl- | 13.507 | 2.9 | ng | 286073 | 5 | 14.283 | 1970370 | 20.0 |
| 11H-Benzo[a]flu... | 14.124 | 3.7 | ng | 361086 | 5 | 14.283 | 1970370 | 20.0 |
| Supraene | 15.165 | 8.4 | ng | 201464 | 6 | 15.871 | 478957 | 20.0 |
| Benzo[e]pyrene | 15.512 | 5.5 | ng | 132037 | 6 | 15.871 | 478957 | 20.0 |
| Perylene | 15.736 | 21.8 | ng | 521380 | 6 | 15.871 | 478957 | 20.0 |