LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129326.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.504 | 543 | 547 | 553 | rVB | 262706 | 232284 | 2.82% | 0.273% |
| 2 | 6.510 | 715 | 718 | 725 | rVB | 294532 | 236541 | 2.87% | 0.278% |
| 3 | 6.893 | 779 | 783 | 786 | rBV | 1078665 | 846209 | 10.26% | 0.995% |
| 4 | 8.175 | 997 | 1001 | 1003 | rBV | 1323294 | 1043572 | 12.65% | 1.228% |
| 5 | 8.198 | 1003 | 1005 | 1008 | rVB | 349676 | 254962 | 3.09% | 0.300% |
| 6 | 8.887 | 1117 | 1122 | 1125 | rBV | 191249 | 144762 | 1.75% | 0.170% |
| 7 | 8.987 | 1135 | 1139 | 1142 | rBV | 188805 | 142835 | 1.73% | 0.168% |
| 8 | 9.245 | 1180 | 1183 | 1187 | rVB | 286968 | 225010 | 2.73% | 0.265% |
| 9 | 9.586 | 1237 | 1241 | 1244 | rBV | 148005 | 145595 | 1.76% | 0.171% |
| 10 | 9.934 | 1296 | 1300 | 1302 | rVV | 1148598 | 890950 | 10.80% | 1.048% |
| 11 | 9.963 | 1302 | 1305 | 1308 | rVB | 933242 | 749540 | 9.09% | 0.882% |
| 12 | 10.133 | 1330 | 1334 | 1338 | rBV2 | 393371 | 372790 | 4.52% | 0.438% |
| 13 | 10.481 | 1389 | 1393 | 1398 | rVB | 757152 | 635391 | 7.70% | 0.747% |
| 14 | 10.633 | 1417 | 1419 | 1424 | rVB | 170451 | 171232 | 2.08% | 0.201% |
| 15 | 10.716 | 1430 | 1433 | 1437 | rVB | 352962 | 349034 | 4.23% | 0.411% |
| 16 | 11.028 | 1480 | 1486 | 1489 | rBV3 | 197105 | 277576 | 3.36% | 0.326% |
| 17 | 11.157 | 1503 | 1508 | 1509 | rBV2 | 96032 | 146933 | 1.78% | 0.173% |
| 18 | 11.175 | 1509 | 1511 | 1516 | rVV2 | 129357 | 163341 | 1.98% | 0.192% |
| 19 | 11.228 | 1516 | 1520 | 1523 | rVV | 246587 | 240660 | 2.92% | 0.283% |
| 20 | 11.280 | 1523 | 1529 | 1533 | rVV3 | 127203 | 235625 | 2.86% | 0.277% |
| 21 | 11.316 | 1533 | 1535 | 1540 | rVB | 338186 | 319653 | 3.87% | 0.376% |
| 22 | 11.422 | 1549 | 1553 | 1555 | rBV | 1378769 | 1327773 | 16.10% | 1.562% |
| 23 | 11.451 | 1555 | 1558 | 1561 | rVV | 5290750 | 4722381 | 57.24% | 5.555% |
| 24 | 11.498 | 1563 | 1566 | 1569 | rVV | 1817730 | 1494284 | 18.11% | 1.758% |
| 25 | 11.528 | 1569 | 1571 | 1574 | rVB | 171781 | 164665 | 2.00% | 0.194% |
| 26 | 11.651 | 1585 | 1592 | 1601 | rBV2 | 757759 | 859739 | 10.42% | 1.011% |
| 27 | 11.751 | 1606 | 1609 | 1614 | rVB3 | 208735 | 205357 | 2.49% | 0.242% |
| 28 | 11.927 | 1633 | 1639 | 1641 | rBV | 839795 | 861586 | 10.44% | 1.013% |
| 29 | 11.951 | 1641 | 1643 | 1647 | rVB | 1160425 | 963550 | 11.68% | 1.133% |
| 30 | 11.998 | 1647 | 1651 | 1654 | rBV | 523238 | 500817 | 6.07% | 0.589% |
| 31 | 12.039 | 1654 | 1658 | 1660 | rVV2 | 1476905 | 1622034 | 19.66% | 1.908% |
| 32 | 12.057 | 1660 | 1661 | 1665 | rVB | 690355 | 514276 | 6.23% | 0.605% |
| 33 | 12.222 | 1685 | 1689 | 1691 | rVV | 587703 | 542905 | 6.58% | 0.639% |
| 34 | 12.245 | 1691 | 1693 | 1697 | rVB2 | 475678 | 395540 | 4.79% | 0.465% |
| 35 | 12.369 | 1712 | 1714 | 1717 | rVV | 263702 | 201396 | 2.44% | 0.237% |
| 36 | 12.398 | 1717 | 1719 | 1721 | rVV | 210306 | 152784 | 1.85% | 0.180% |

LSC Area Percent Report

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Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.422 | 1721 | 1723 | 1726 | rVB | 197493 | 165811 | 2.01% | 0.195% |
| 38 | 12.475 | 1726 | 1732 | 1735 | rBV | 597789 | 698144 | 8.46% | 0.821% |
| 39 | 12.516 | 1735 | 1739 | 1741 | rVV2 | 324305 | 423591 | 5.13% | 0.498% |
| 40 | 12.563 | 1744 | 1747 | 1752 | rBV2 | 446617 | 544483 | 6.60% | 0.640% |
| 41 | 12.651 | 1756 | 1762 | 1765 | rBV | 6326177 | 6636128 | 80.44% | 7.806% |
| 42 | 12.704 | 1769 | 1771 | 1774 | rVB2 | 221180 | 187406 | 2.27% | 0.220% |
| 43 | 12.792 | 1778 | 1786 | 1788 | rBV3 | 300597 | 527822 | 6.40% | 0.621% |
| 44 | 12.816 | 1788 | 1790 | 1793 | rVB2 | 137705 | 148596 | 1.80% | 0.175% |
| 45 | 12.880 | 1793 | 1801 | 1805 | rBV2 | 6221192 | 8249511 | 100.00% | 9.703% |
| 46 | 12.916 | 1805 | 1807 | 1812 | rVB2 | 463302 | 489379 | 5.93% | 0.576% |
| 47 | 12.986 | 1812 | 1819 | 1821 | rBV | 525995 | 638615 | 7.74% | 0.751% |
| 48 | 13.027 | 1824 | 1826 | 1830 | rVB | 596846 | 502889 | 6.10% | 0.592% |
| 49 | 13.086 | 1831 | 1836 | 1839 | rBV2 | 531987 | 913904 | 11.08% | 1.075% |
| 50 | 13.116 | 1839 | 1841 | 1844 | rVB | 201610 | 155920 | 1.89% | 0.183% |
| 51 | 13.169 | 1847 | 1850 | 1852 | rBV3 | 374842 | 473113 | 5.74% | 0.556% |
| 52 | 13.198 | 1852 | 1855 | 1858 | rVB | 1252841 | 1155386 | 14.01% | 1.359% |
| 53 | 13.263 | 1863 | 1866 | 1869 | rBV | 1023149 | 853181 | 10.34% | 1.004% |
| 54 | 13.298 | 1869 | 1872 | 1875 | rVV2 | 724434 | 826900 | 10.02% | 0.973% |
| 55 | 13.327 | 1875 | 1877 | 1880 | rVB | 330374 | 272570 | 3.30% | 0.321% |
| 56 | 13.392 | 1885 | 1888 | 1891 | rBV | 437322 | 407340 | 4.94% | 0.479% |
| 57 | 13.427 | 1891 | 1894 | 1897 | rBV2 | 505022 | 450706 | 5.46% | 0.530% |
| 58 | 13.504 | 1905 | 1907 | 1911 | rVB3 | 126989 | 149569 | 1.81% | 0.176% |
| 59 | 13.574 | 1915 | 1919 | 1921 | rBV3 | 123275 | 176458 | 2.14% | 0.208% |
| 60 | 13.598 | 1921 | 1923 | 1925 | rVV2 | 148248 | 157504 | 1.91% | 0.185% |
| 61 | 13.622 | 1925 | 1927 | 1929 | rVV | 188506 | 173225 | 2.10% | 0.204% |
| 62 | 13.680 | 1934 | 1937 | 1938 | rBV2 | 161376 | 173630 | 2.10% | 0.204% |
| 63 | 13.704 | 1938 | 1941 | 1945 | rVB | 499833 | 514804 | 6.24% | 0.606% |
| 64 | 13.816 | 1956 | 1960 | 1963 | rBV2 | 602235 | 745631 | 9.04% | 0.877% |
| 65 | 13.845 | 1963 | 1965 | 1967 | rVV | 709089 | 581042 | 7.04% | 0.683% |
| 66 | 13.869 | 1967 | 1969 | 1973 | rVV2 | 603837 | 842291 | 10.21% | 0.991% |
| 67 | 13.916 | 1974 | 1977 | 1980 | rVB | 582369 | 549763 | 6.66% | 0.647% |
| 68 | 13.986 | 1986 | 1989 | 1995 | rVB | 195274 | 247913 | 3.01% | 0.292% |
| 69 | 14.069 | 1995 | 2003 | 2006 | rBV2 | 4277365 | 6440402 | 78.07% | 7.576% |
| 70 | 14.104 | 2006 | 2009 | 2015 | rVV | 3877329 | 3576539 | 43.35% | 4.207% |
| 71 | 14.180 | 2019 | 2022 | 2026 | rVV | 724526 | 759857 | 9.21% | 0.894% |
| 72 | 14.216 | 2026 | 2028 | 2030 | rVV2 | 191033 | 226409 | 2.74% | 0.266% |
| 73 | 14.257 | 2033 | 2035 | 2038 | rVV | 351335 | 362254 | 4.39% | 0.426% |
| 74 | 14.292 | 2038 | 2041 | 2045 | rVV2 | 420901 | 580733 | 7.04% | 0.683% |
| 75 | 14.392 | 2054 | 2058 | 2061 | rVV3 | 153899 | 299708 | 3.63% | 0.353% |
| 76 | 14.416 | 2061 | 2062 | 2064 | rVV | 232131 | 204138 | 2.47% | 0.240% |

LSC Area Percent Report

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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.457 | 2064 | 2069 | 2072 | rVV | 943824 | 1135921 | 13.77% | 1.336% |
| 78 | 14.486 | 2072 | 2074 | 2078 | rVV | 554453 | 663057 | 8.04% | 0.780% |
| 79 | 14.551 | 2078 | 2085 | 2088 | rVV3 | 457694 | 916526 | 11.11% | 1.078% |
| 80 | 14.580 | 2088 | 2090 | 2092 | rVV | 500010 | 495457 | 6.01% | 0.583% |
| 81 | 14.604 | 2092 | 2094 | 2098 | rVV2 | 587117 | 544378 | 6.60% | 0.640% |
| 82 | 14.651 | 2098 | 2102 | 2109 | rVB4 | 245428 | 381865 | 4.63% | 0.449% |
| 83 | 14.768 | 2119 | 2122 | 2125 | rBV2 | 214978 | 258626 | 3.14% | 0.304% |
| 84 | 14.963 | 2150 | 2155 | 2162 | rVB2 | 238830 | 396996 | 4.81% | 0.467% |
| 85 | 15.133 | 2177 | 2184 | 2187 | rBV | 2444276 | 4375825 | 53.04% | 5.147% |
| 86 | 15.239 | 2198 | 2202 | 2205 | rVB | 493199 | 519669 | 6.30% | 0.611% |
| 87 | 15.327 | 2213 | 2217 | 2218 | rBV2 | 157917 | 185103 | 2.24% | 0.218% |
| 88 | 15.445 | 2231 | 2237 | 2242 | rVB | 1482295 | 2192597 | 26.58% | 2.579% |
| 89 | 15.510 | 2242 | 2248 | 2252 | rVB | 2292068 | 2865364 | 34.73% | 3.370% |
| 90 | 15.568 | 2253 | 2258 | 2261 | rBV | 793430 | 1134783 | 13.76% | 1.335% |
| 91 | 15.598 | 2261 | 2263 | 2269 | rVB2 | 673290 | 873815 | 10.59% | 1.028% |
| 92 | 16.139 | 2352 | 2355 | 2365 | rVB2 | 170781 | 262796 | 3.19% | 0.309% |
| 93 | 16.410 | 2395 | 2401 | 2408 | rBV10 | 73661 | 206168 | 2.50% | 0.243% |
| 94 | 16.668 | 2441 | 2445 | 2451 | rBV5 | 59130 | 158058 | 1.92% | 0.186% |
| 95 | 16.880 | 2478 | 2481 | 2484 | rBV | 102804 | 160336 | 1.94% | 0.189% |
| 96 | 17.080 | 2509 | 2515 | 2521 | rVB2 | 822146 | 1680734 | 20.37% | 1.977% |
| 97 | 17.257 | 2540 | 2545 | 2550 | rVB | 193291 | 327915 | 3.97% | 0.386% |
| 98 | 17.321 | 2551 | 2556 | 2561 | rBV2 | 87360 | 163660 | 1.98% | 0.193% |
| 99 | 17.545 | 2586 | 2594 | 2605 | rVB | 426682 | 955824 | 11.59% | 1.124% |
| 100 | 17.780 | 2628 | 2634 | 2649 | rVB3 | 129373 | 323592 | 3.92% | 0.381% |

Sum of corrected areas: 85015912

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
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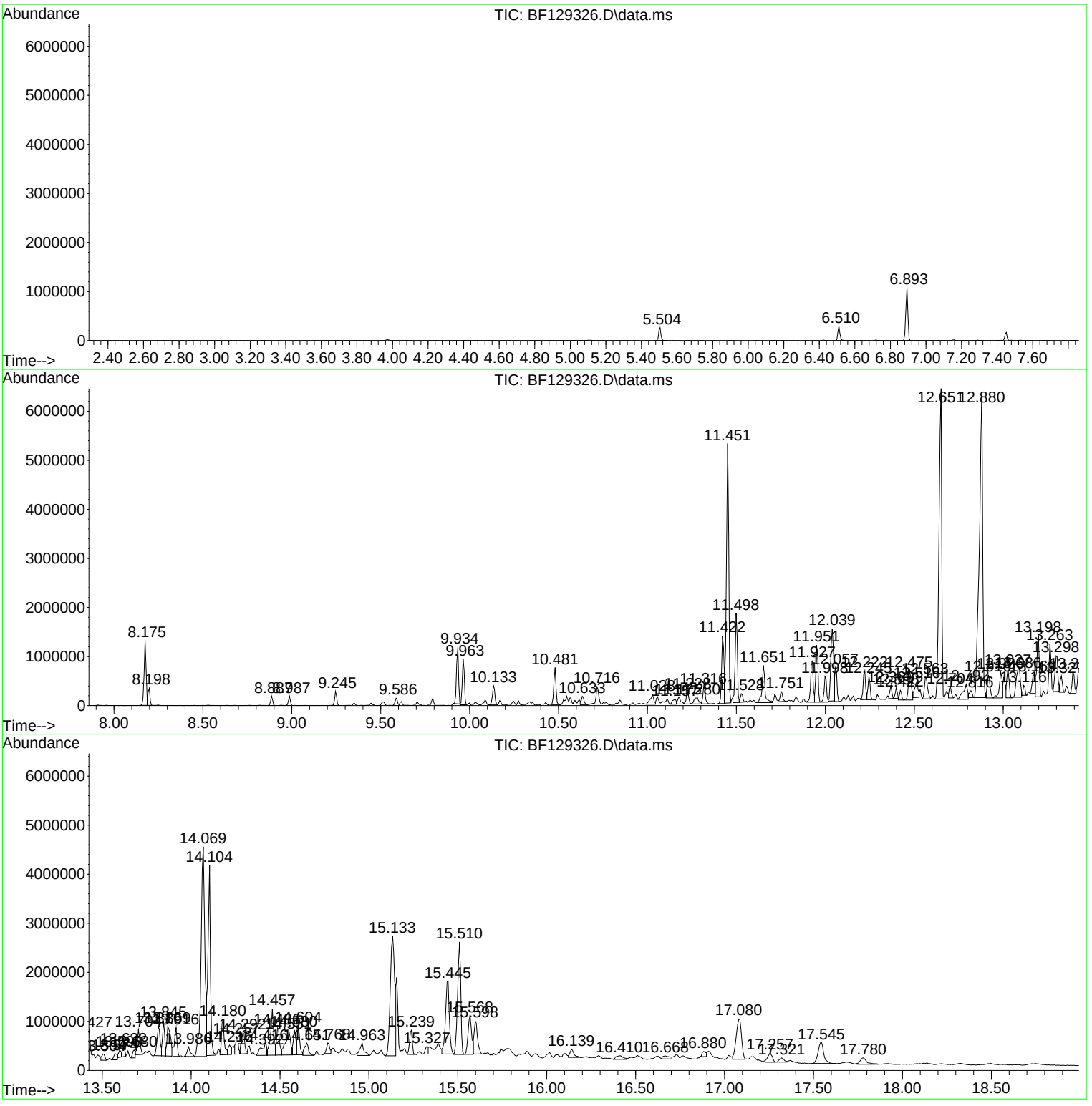
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
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Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

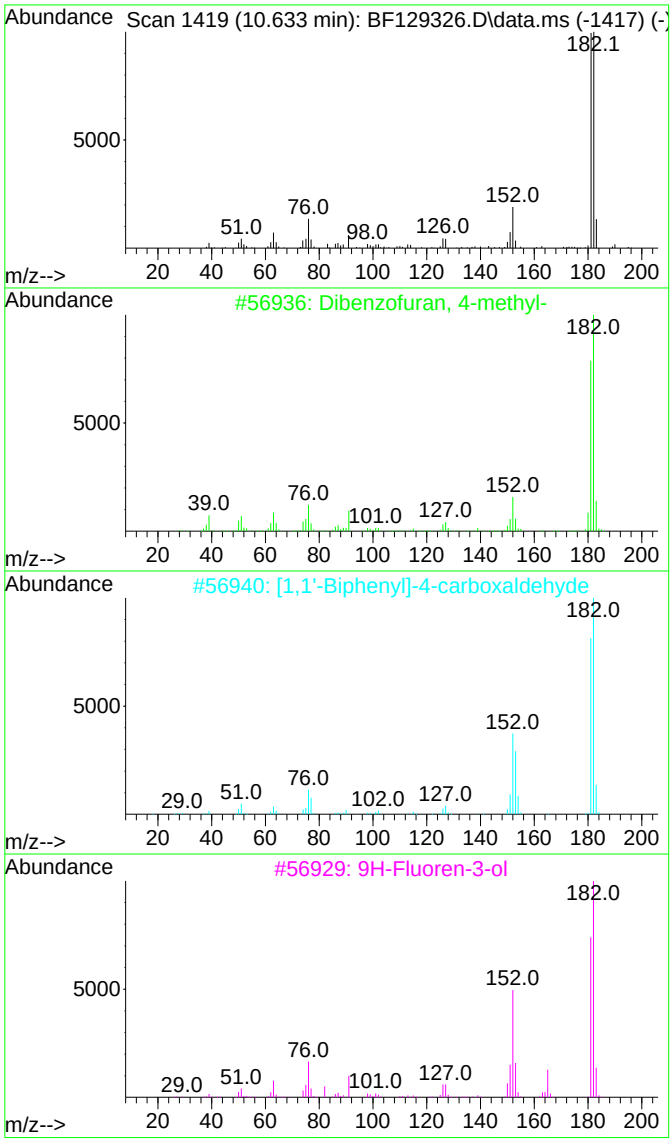
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

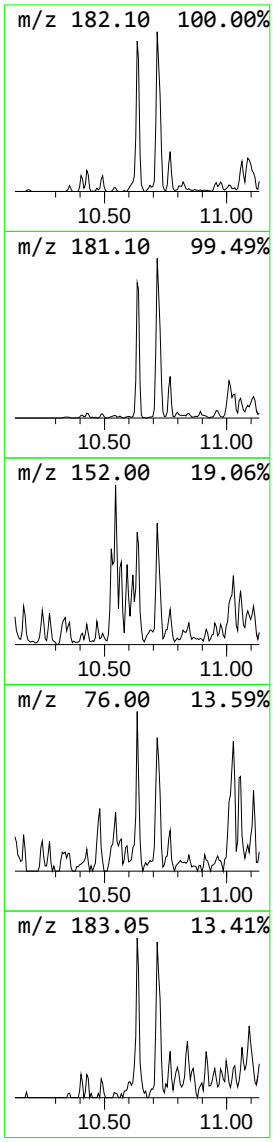
**********

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.634 | 3.84 ng | 171232 | Acenaphthene-d10 | 9.934 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 91 |
| 2 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 87 |
| 3 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 86 |
| 4 | Pyridine, 4,4'-(1,2-ethenediyl)bis- | 182 | C12H10N2 | 001135-32-6 | 64 |
| 5 | Norharmane, N-methyl- | 182 | C12H10N2 | 1010374-78-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

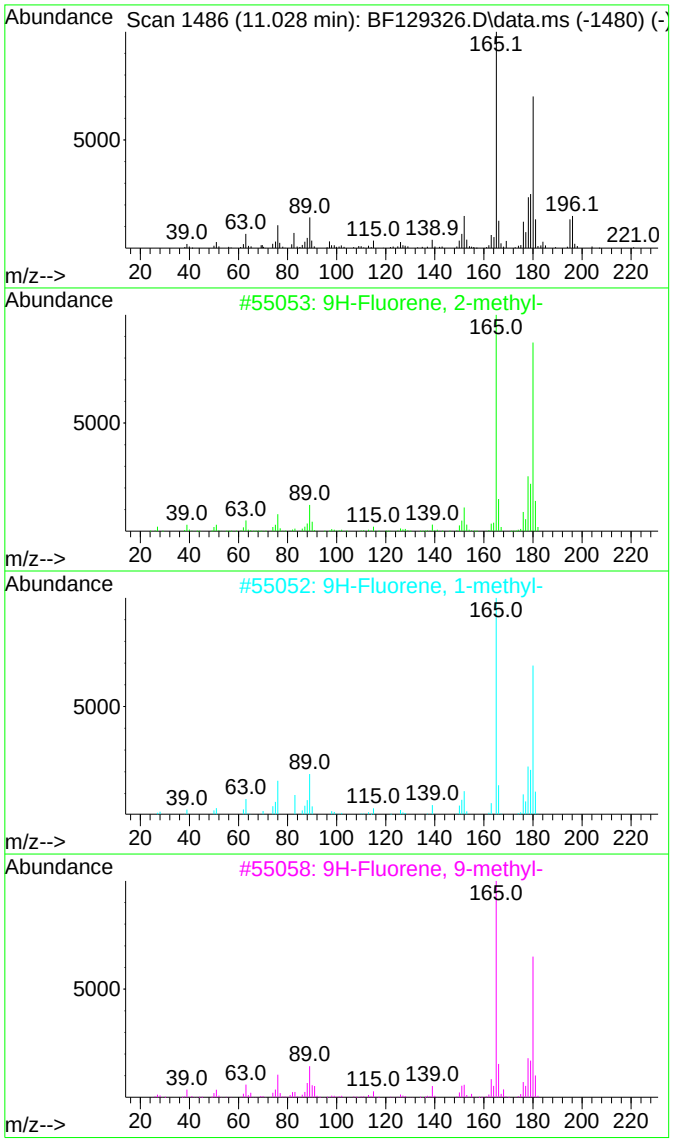
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

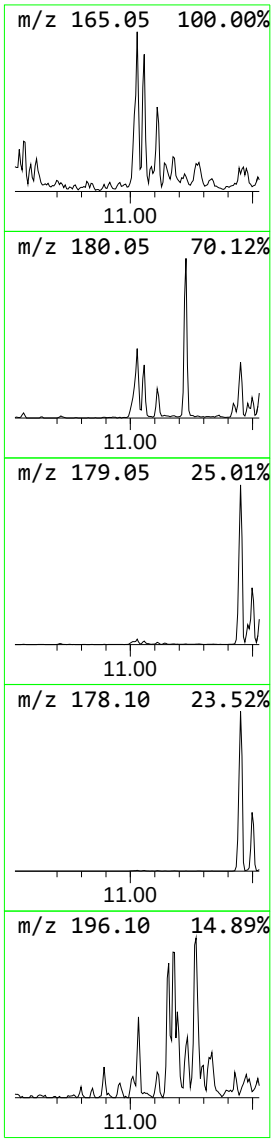
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.028 | 4.18 ng | 277576 | Phenanthrene-d10 | 11.422 |

| 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 | 95 |
| 3 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 86 |
| 4 | 4a,9a-Methano-9H-fluorene | 180 | C14H12 | 019540-84-2 | 83 |
| 5 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 70 |



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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

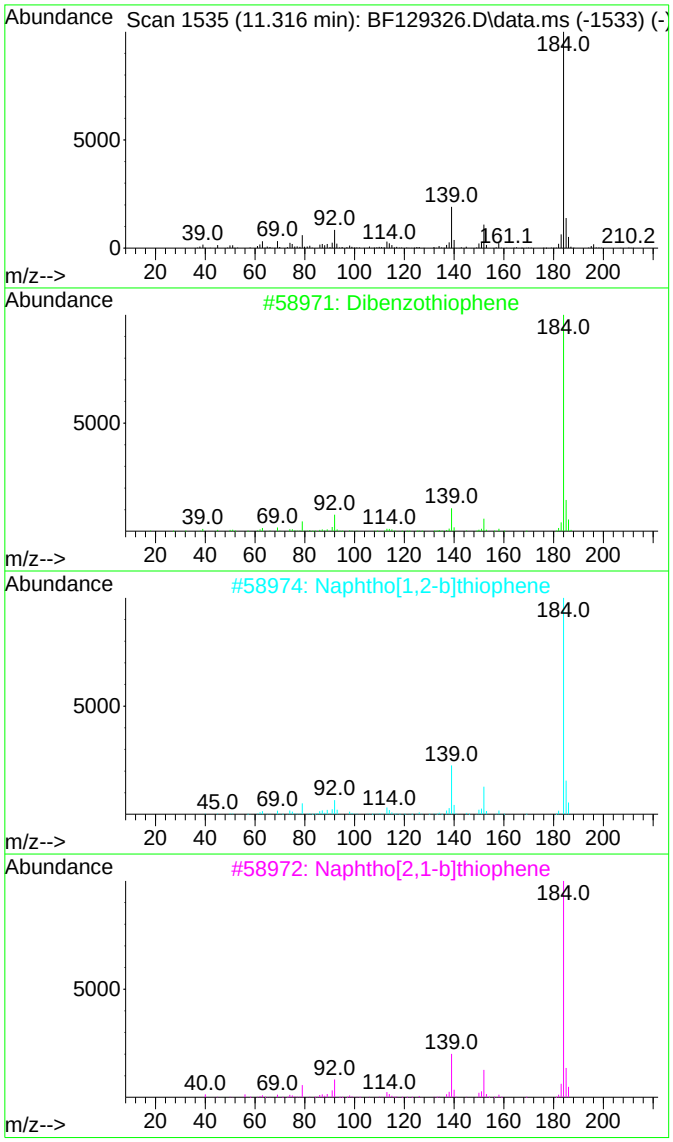
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

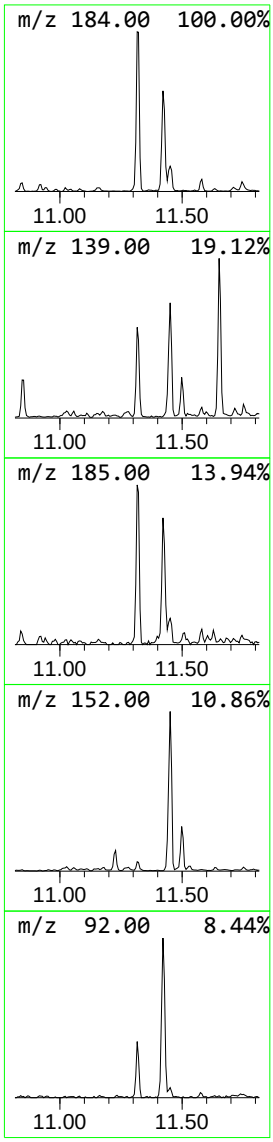
**********

Peak Number 3 Dibenzothiophene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.316 | 4.81 ng | 319653 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 97 |
| 3 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 97 |
| 4 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 93 |
| 5 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

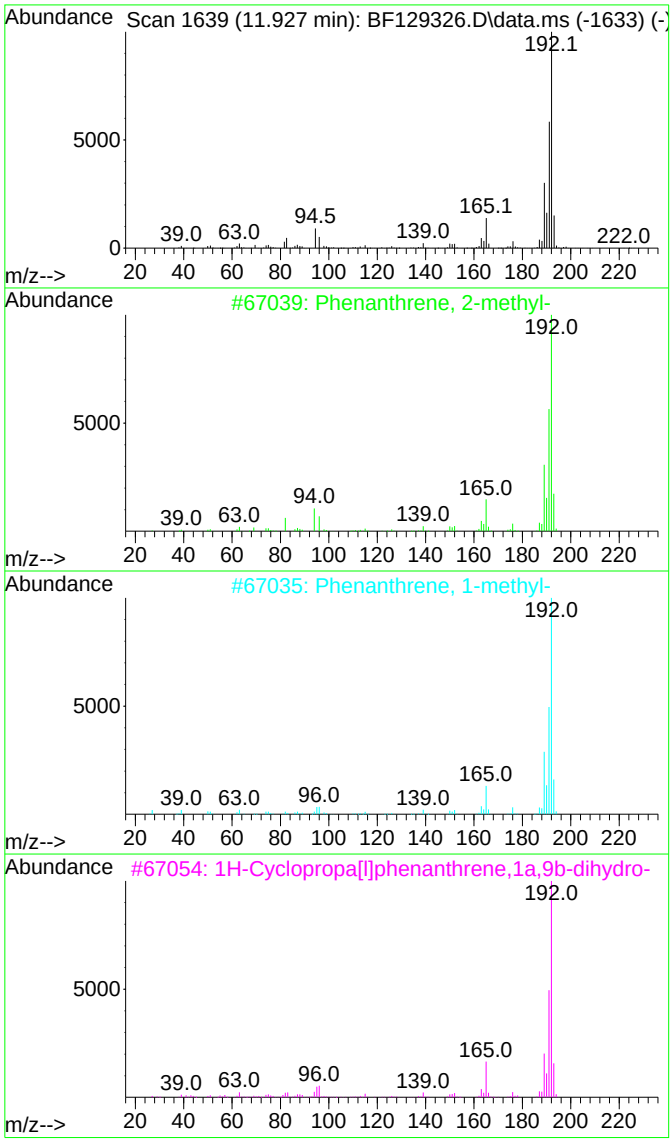
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

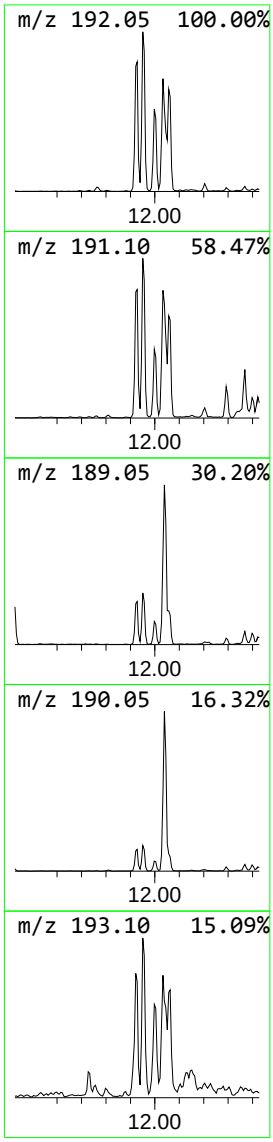
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.928 | 12.98 ng | 861586 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 5 | 1H-Indene, 1-phenyl- | 192 | C15H12 | 001961-96-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

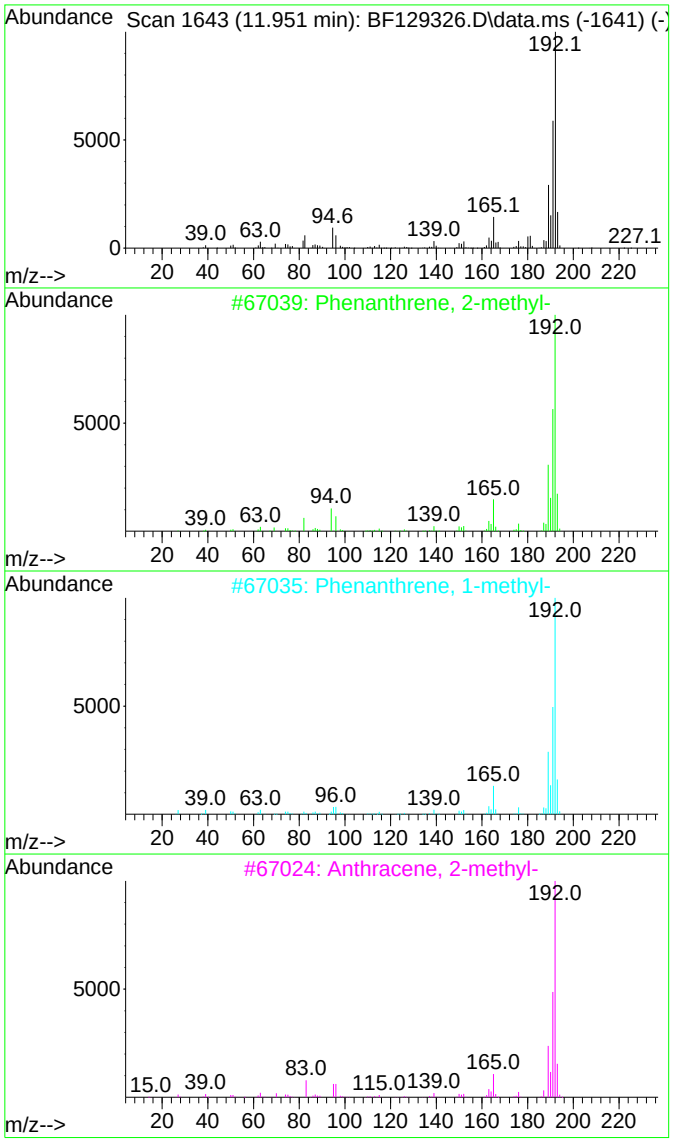
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

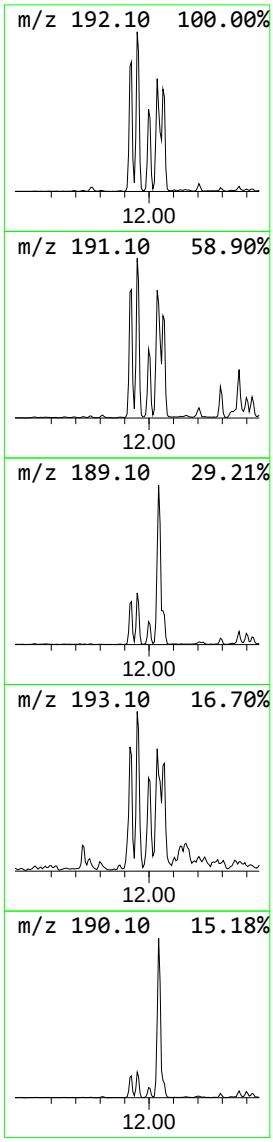
**********

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.951 | 14.51 ng | 963550 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |



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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

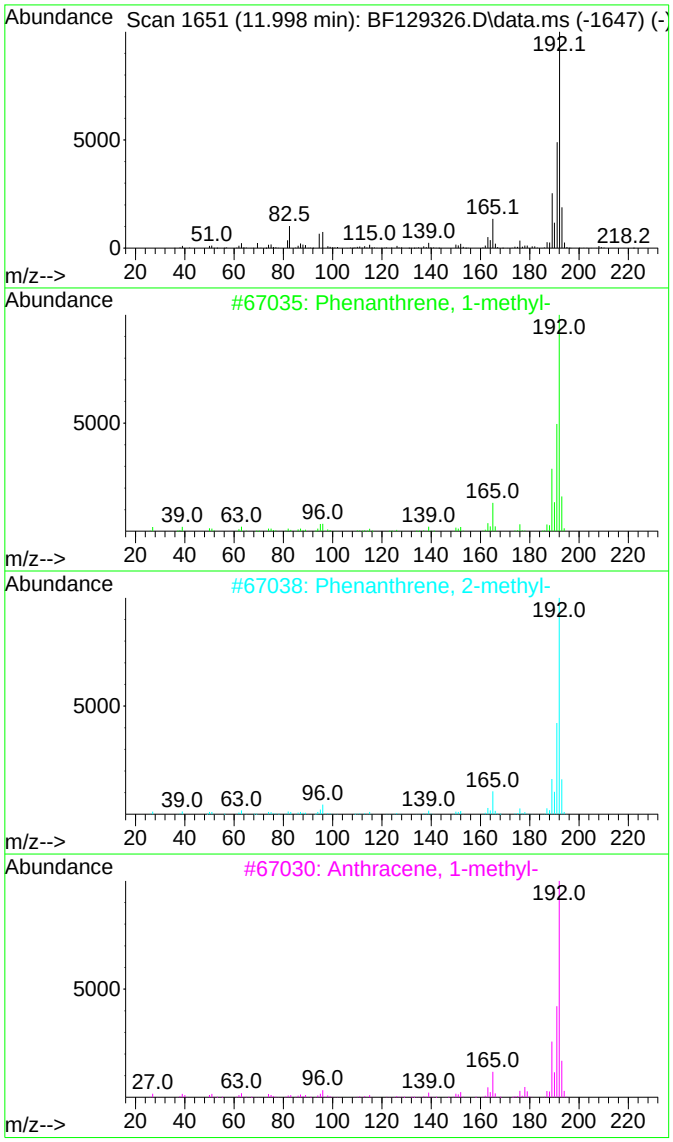
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

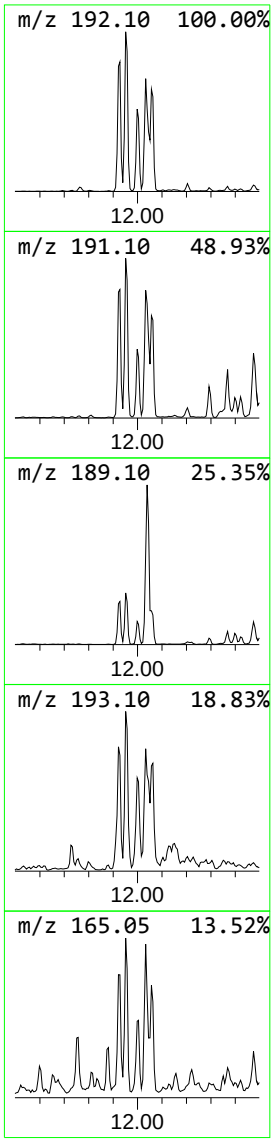
**********

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.998 | 7.54 ng | 500817 | Phenanthrene-d10 | 11.422 |

| 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 | 96 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 94 |



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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

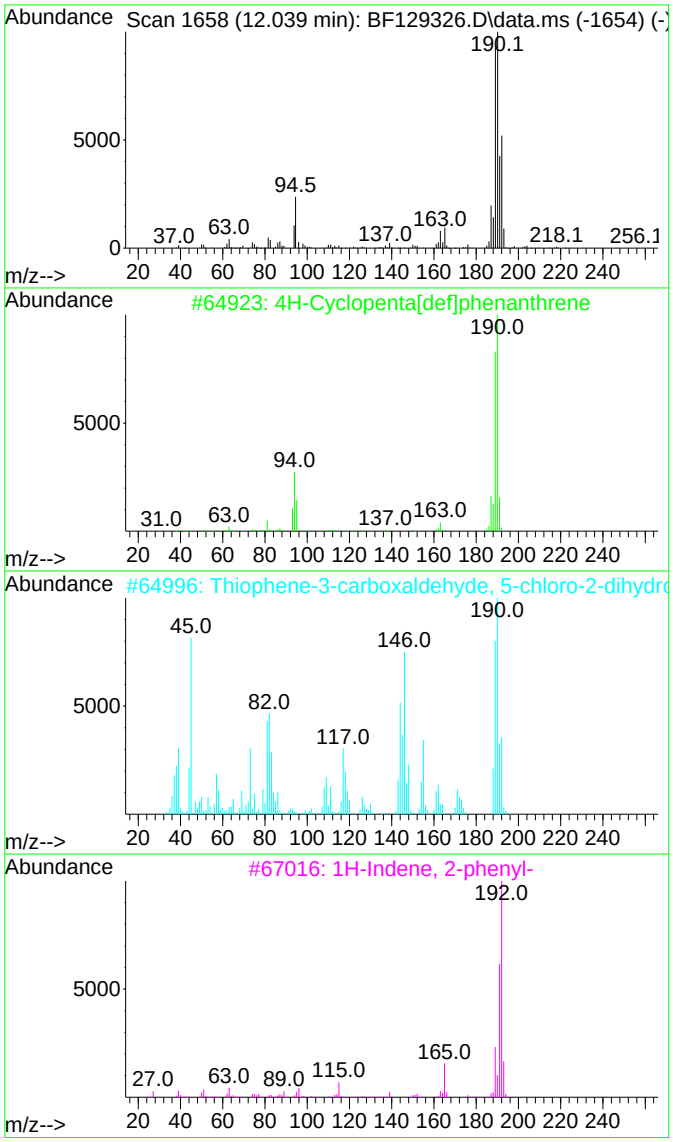
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

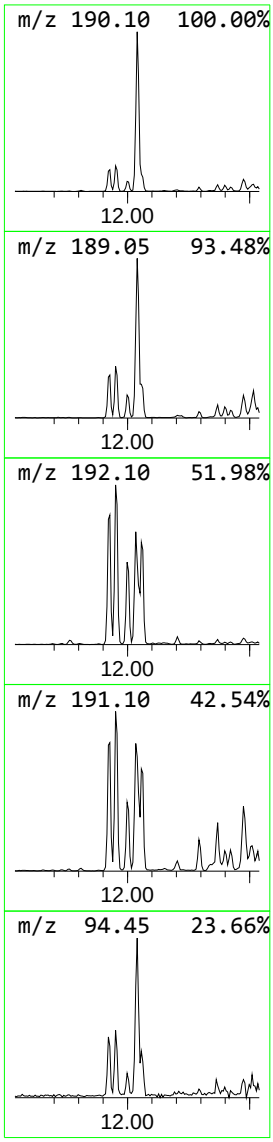
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.039 | 24.43 ng | 1622030 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 92 |
| 2 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 50 |
| 3 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 25 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 22 |
| 5 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 22 |



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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

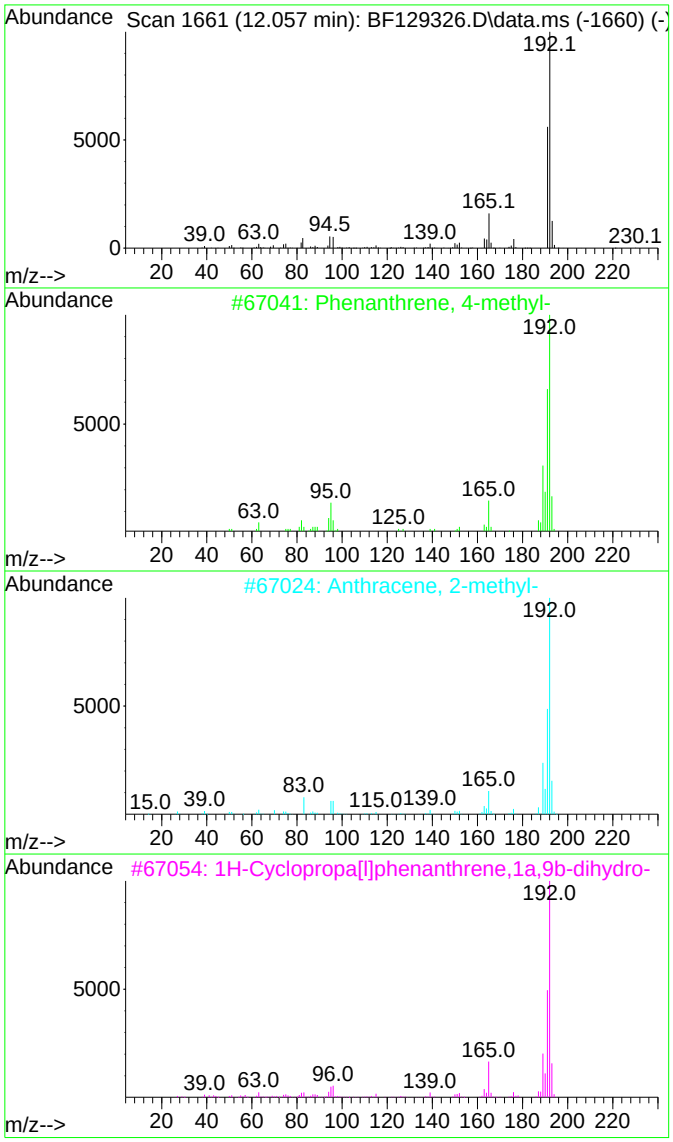
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

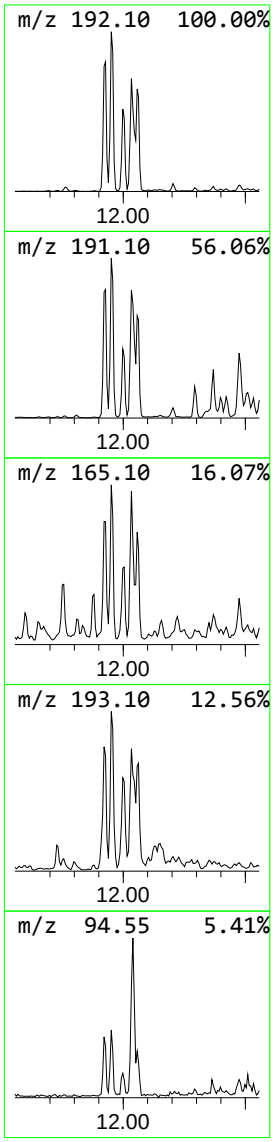
**********

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.057 | 7.75 ng | 514276 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 95 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 94 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |



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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

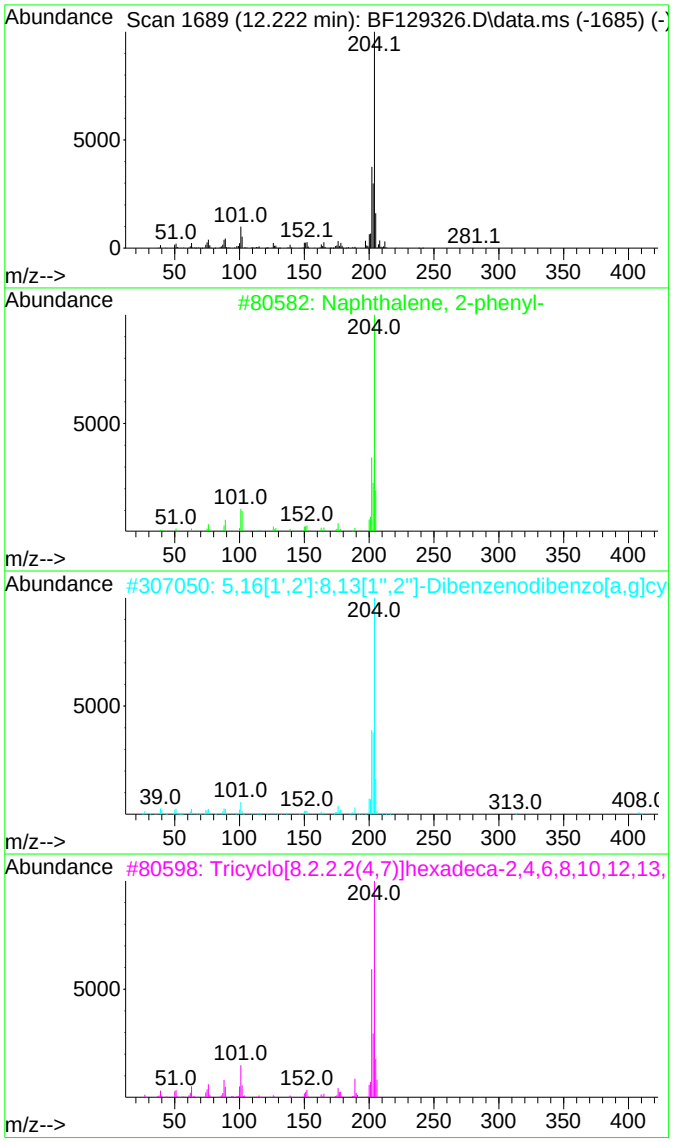
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

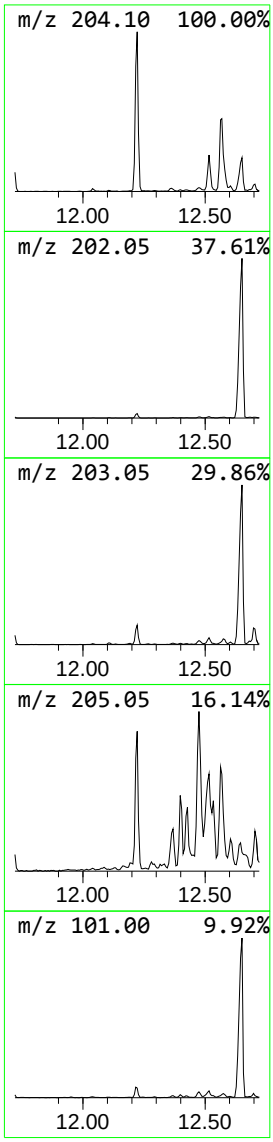
**********

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.222 | 8.18 ng | 542905 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 87 |
| 3 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 74 |
| 4 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 58 |
| 5 | 3,4-Biphenyldicarbonitrile | 204 | C14H8N2 | 004128-63-6 | 52 |



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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

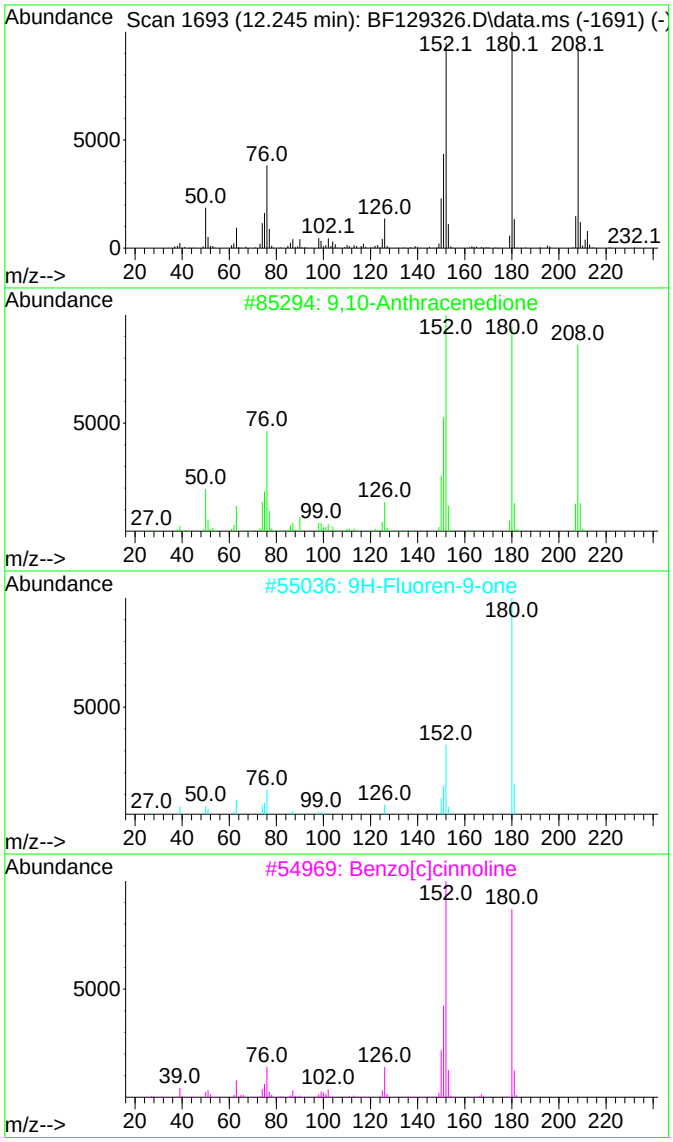
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

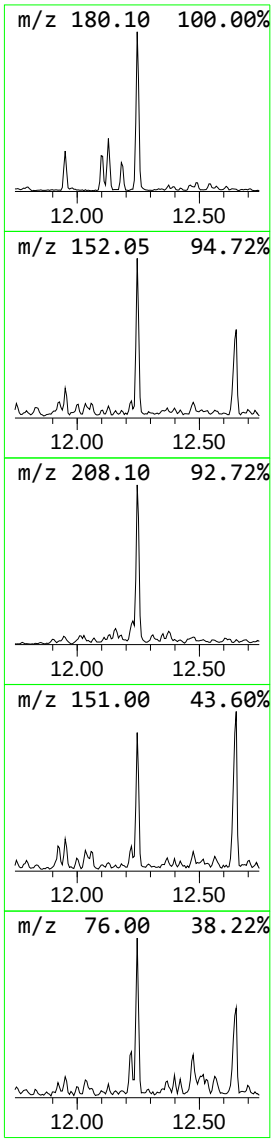
**********

Peak Number 10 9,10-Anthracenedione Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.245 | 5.96 ng | 395540 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 99 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 92 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 92 |
| 4 | Acenaphthylene | 152 | C12H8 | 000208-96-8 | 70 |
| 5 | 9,10-Phenanthrenedione | 208 | C14H8O2 | 000084-11-7 | 70 |



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Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

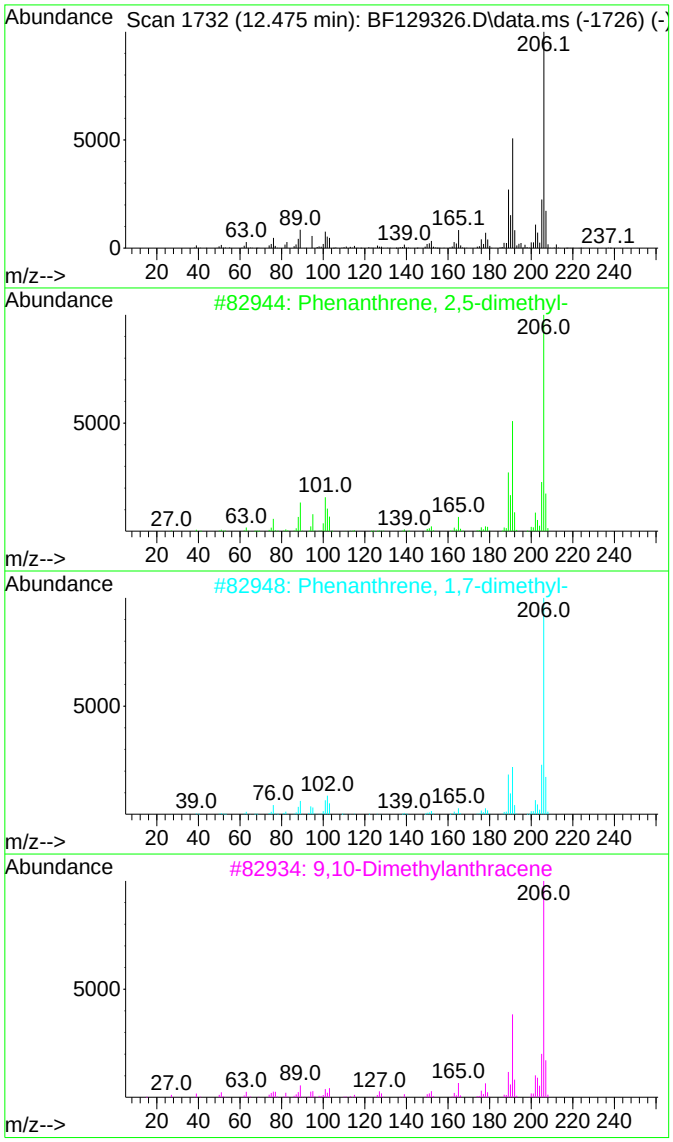
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

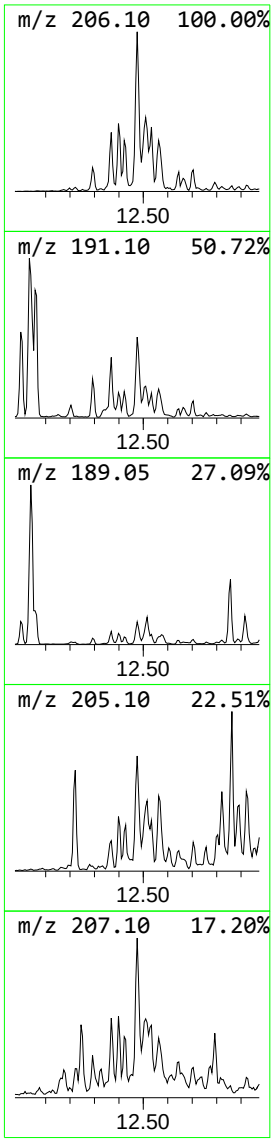
**********

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.475 | 10.52 ng | 698144 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 96 |
| 2 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 93 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 4 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 91 |
| 5 | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14 | 086544-79-8 | 90 |



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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

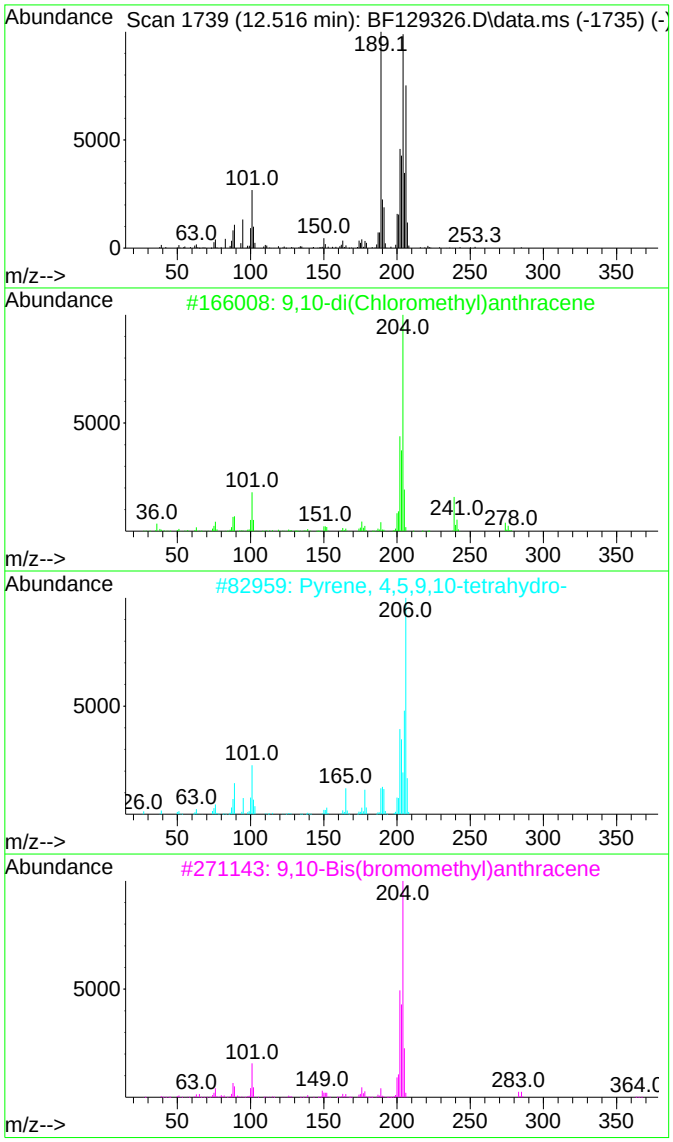
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

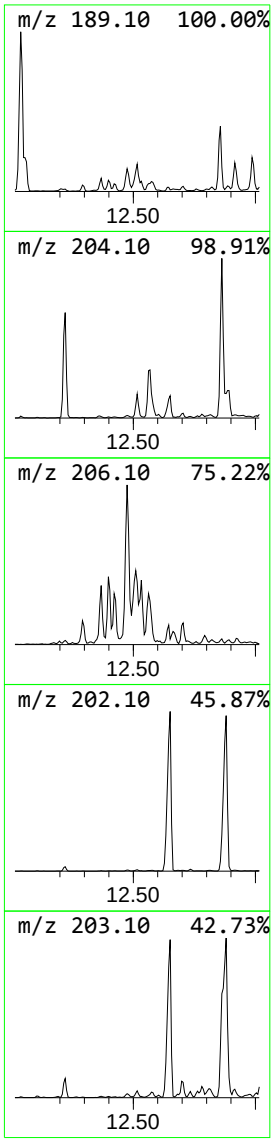
**********

Peak Number 12 unknown12.516 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.516 | 6.38 ng | 423591 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-di(Chloromethyl)anthracene | 274 | C16H12Cl2 | 010387-13-0 | 43 |
| 2 | Pyrene, 4,5,9,10-tetrahydro- | 206 | C16H14 | 000781-17-9 | 42 |
| 3 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 38 |
| 4 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 35 |
| 5 | 2,5,5,8a-Tetramethyl-6,7,8,8a-te... | 204 | C14H20O | 124957-09-1 | 35 |



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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

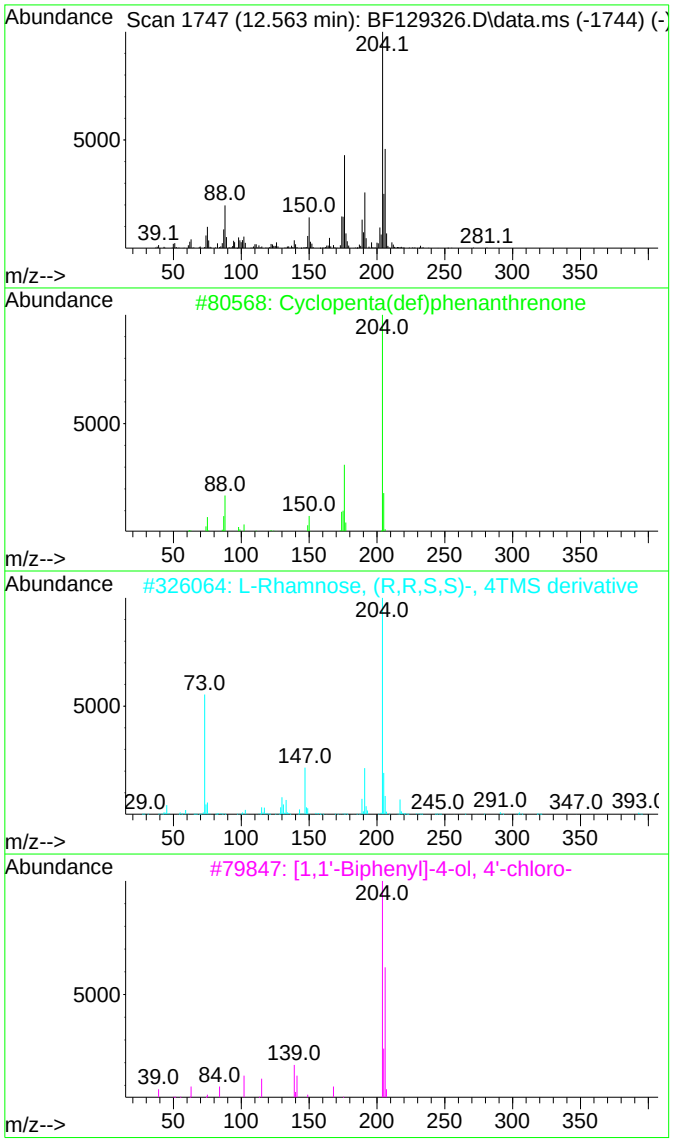
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

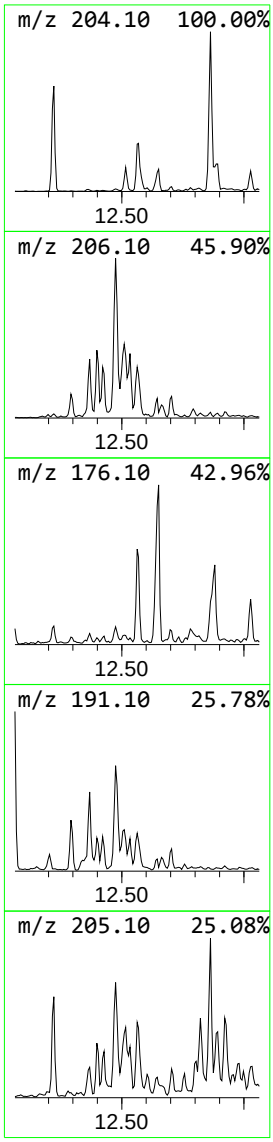
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.563 | 8.20 ng | 544483 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 93 |
| 2 | L-Rhamnose, (R,R,S,S)-, 4TMS der... | 452 | C18H44O5Si4 | 108392-01-4 | 43 |
| 3 | [1,1'-Biphenyl]-4-ol, 4'-chloro- | 204 | C12H9ClO | 028034-99-3 | 43 |
| 4 | Pyrimido[5,4-b]benzofurane, 4-ch... | 204 | C10H5ClN2O | 039876-88-5 | 38 |
| 5 | 2-Chloro-4-phenylphenol | 204 | C12H9ClO | 000092-04-6 | 38 |



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Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

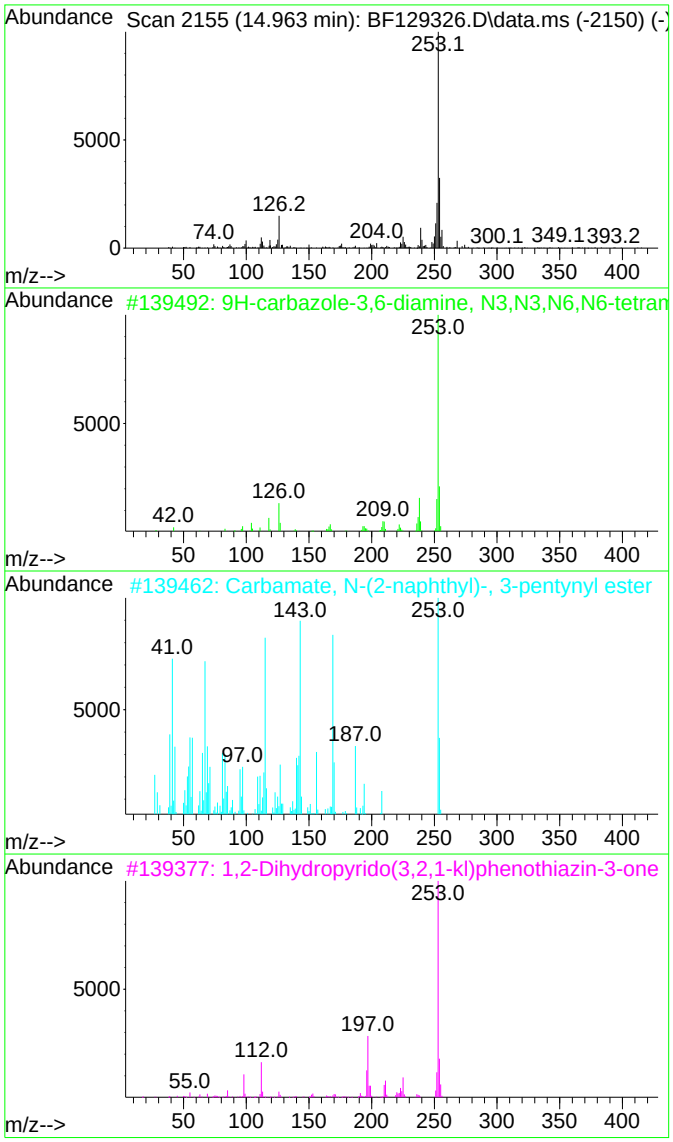
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

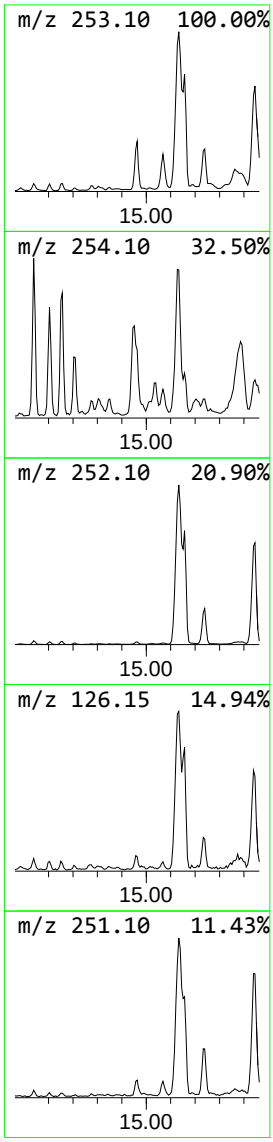
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 9H-carbazole-3,6-diamine, N... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.963 | 7.00 ng | 396996 | Perylene-d12 | 15.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-carbazole-3,6-diamine, N3,N3,... | 253 | C16H19N3 | 1010396-68-8 | 64 |
| 2 | Carbamate, N-(2-naphthyl)-, 3-pe... | 253 | C16H15NO2 | 1000197-96-0 | 49 |
| 3 | 1,2-Dihydropyrido(3,2,1-kl)pheno... | 253 | C15H11NOS | 069513-42-4 | 46 |
| 4 | 3-(3-Fluorobenzyl)-6-methyl-2-pr... | 282 | C18H19FN2 | 1000457-96-1 | 38 |
| 5 | Ethyl 4-(5-methyl-1,1-dioxido-4-... | 373 | C19H19NO5S | 1000294-64-6 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

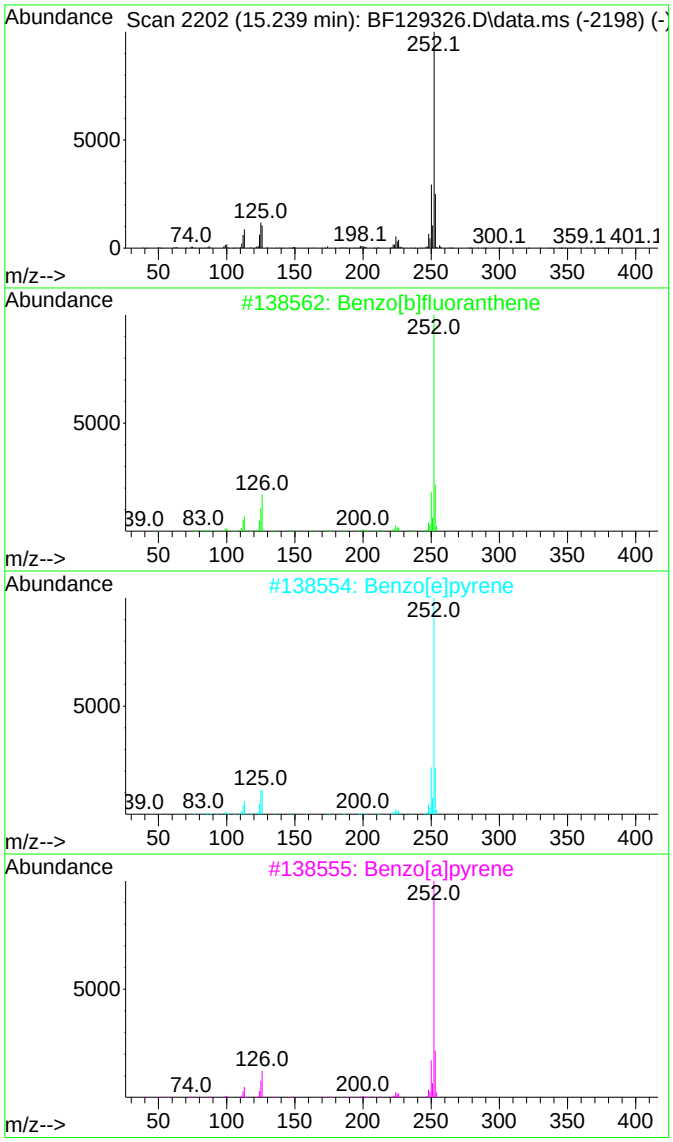
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

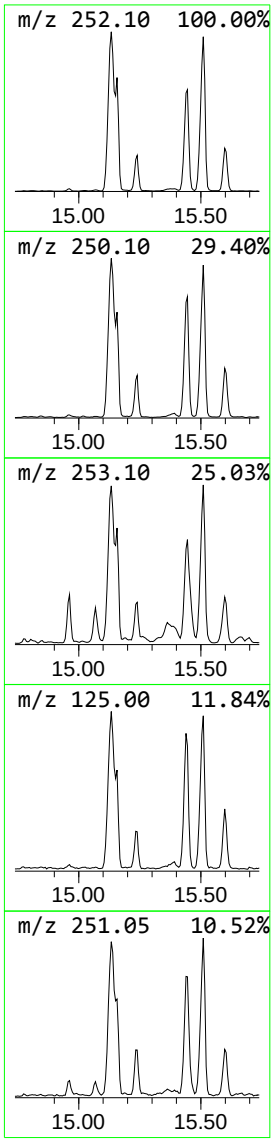
**********

Peak Number 15 Benzo[e]pyrene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.239 | 9.16 ng | 519669 | Perylene-d12 | 15.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 93 |
| 2 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 93 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

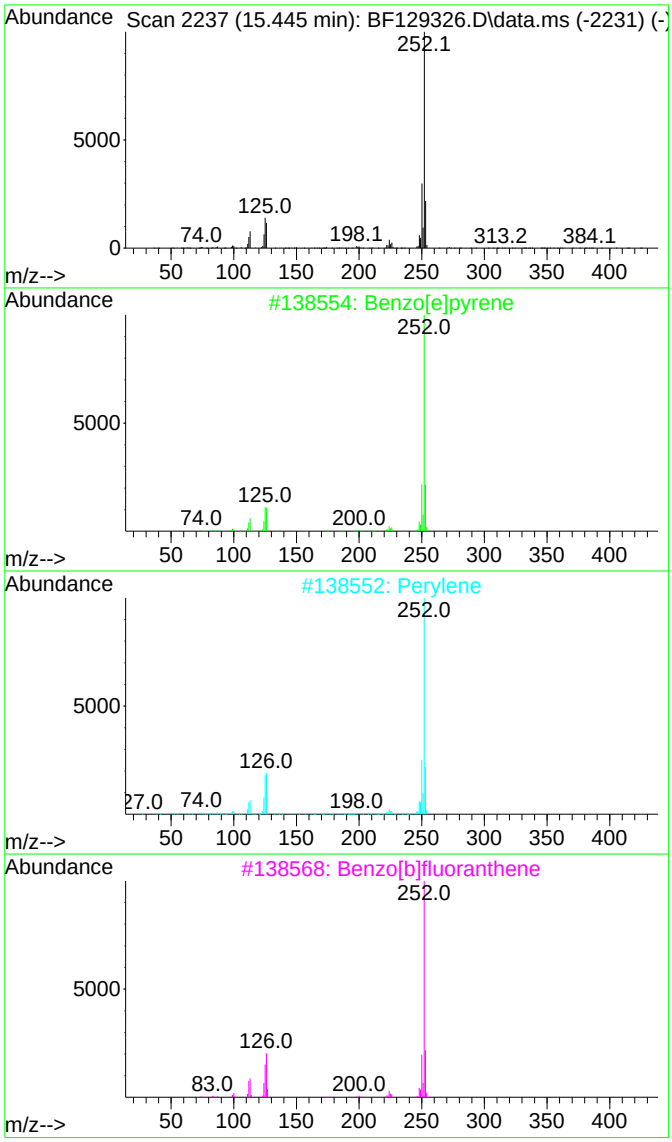
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

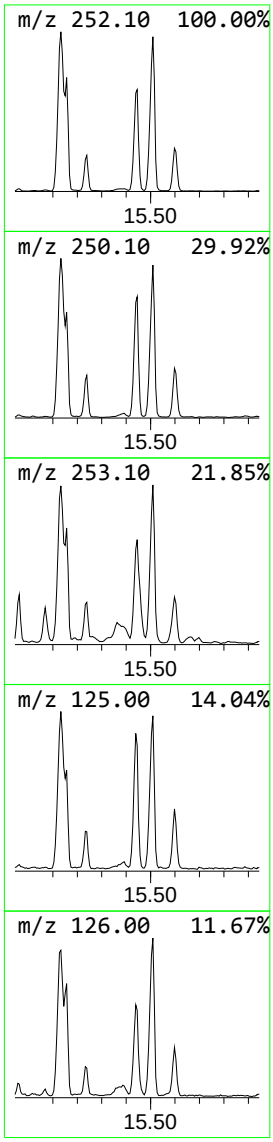
**********

Peak Number 16 Perylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.445 | 38.64 ng | 2192600 | Perylene-d12 | 15.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 94 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

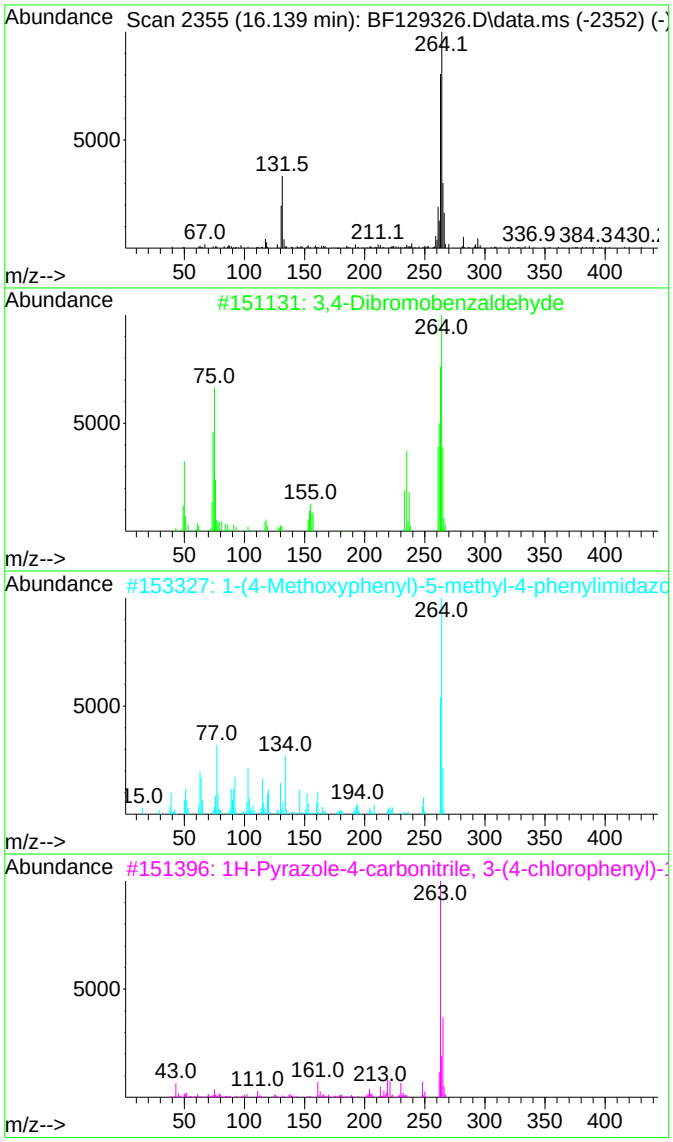
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

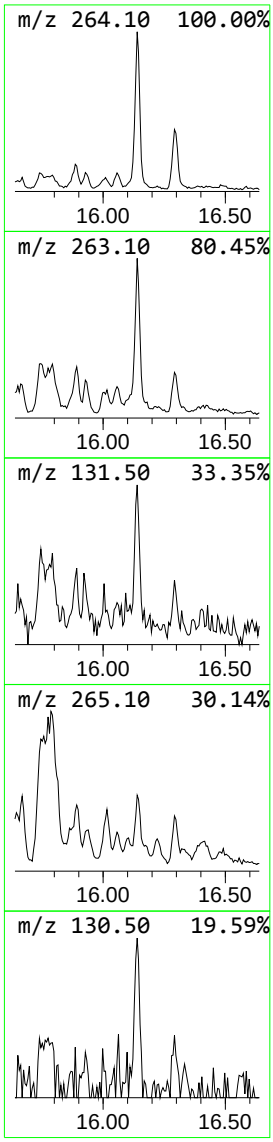
**********

Peak Number 17 3,4-Dibromobenzaldehyde Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.139 | 4.63 ng | 262796 | Perylene-d12 | 15.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dibromobenzaldehyde | 262 | C7H4Br2O | 074003-55-7 | 64 |
| 2 | 1-(4-Methoxyphenyl)-5-methyl-4-p... | 264 | C17H16N2O | 1000436-38-1 | 59 |
| 3 | 1H-Pyrazole-4-carbonitrile, 3-(4... | 263 | C12H10ClN3S | 068364-67-0 | 35 |
| 4 | 2-Bromo-5-fluorobenzyl alcohol, ... | 318 | C13H20BrFOSi | 1000364-15-6 | 27 |
| 5 | Arsine, dibromoethyl- | 262 | C2H5AsBr2 | 000683-43-2 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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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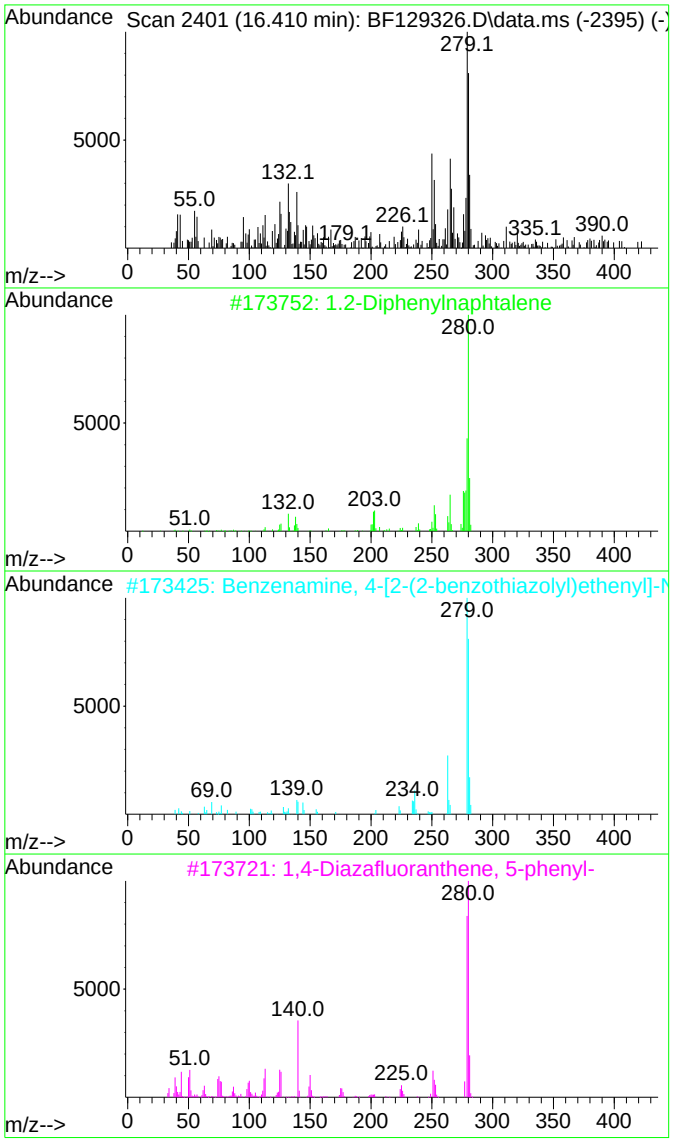
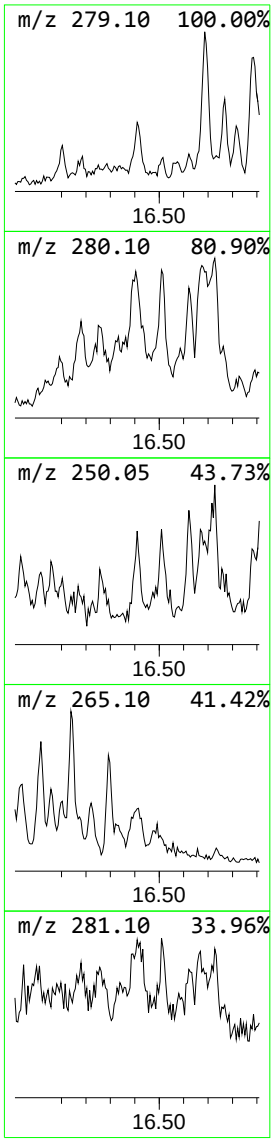
Peak Number 18 unknown16.410 Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.410 | 3.63 ng | 206168 | Perylene-d12 | 15.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1.2-Diphenylnaphtalene | 280 | C22H16 | 1000445-26-7 | 46 |
| 2 | Benzenamine, 4-[2-(2-benzothiazo... | 280 | C17H16N2S | 001628-58-6 | 43 |
| 3 | 1,4-Diazafluoranthene, 5-phenyl- | 280 | C20H12N2 | 1000303-05-1 | 43 |
| 4 | Dibenz[a,j]acridine | 279 | C21H13N | 000224-42-0 | 42 |
| 5 | Benzene, 1,2-bis(2-pyridin-2-yle... | 280 | C20H12N2 | 350587-04-1 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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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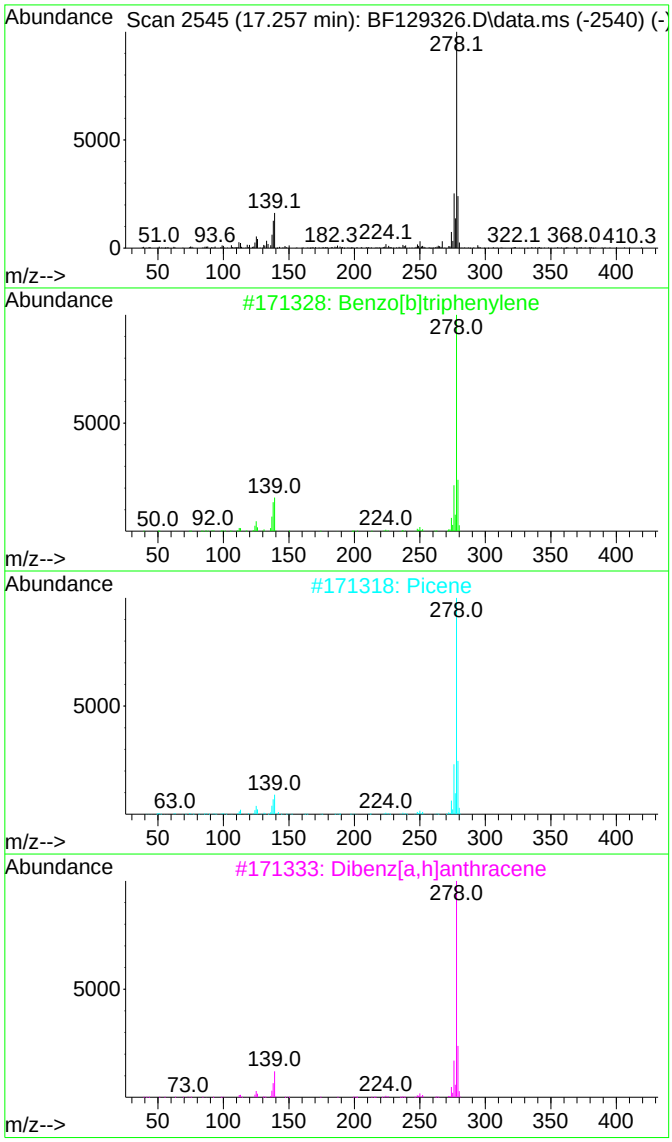
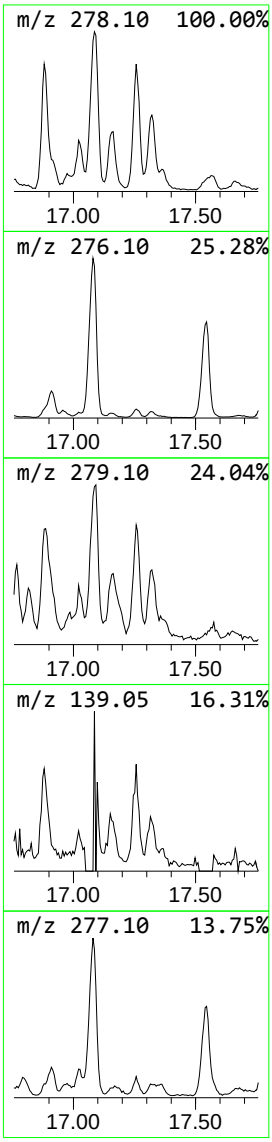
Peak Number 19 Benzo[b]triphenylene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.257 | 5.78 ng | 327915 | Perylene-d12 | 15.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]triphenylene | 278 | C22H14 | 000215-58-7 | 98 |
| 2 | Picene | 278 | C22H14 | 000213-46-7 | 98 |
| 3 | Dibenz[a,h]anthracene | 278 | C22H14 | 000053-70-3 | 98 |
| 4 | Benzo[b]chrysene | 278 | C22H14 | 000214-17-5 | 96 |
| 5 | Pentaphene | 278 | C22H14 | 000222-93-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

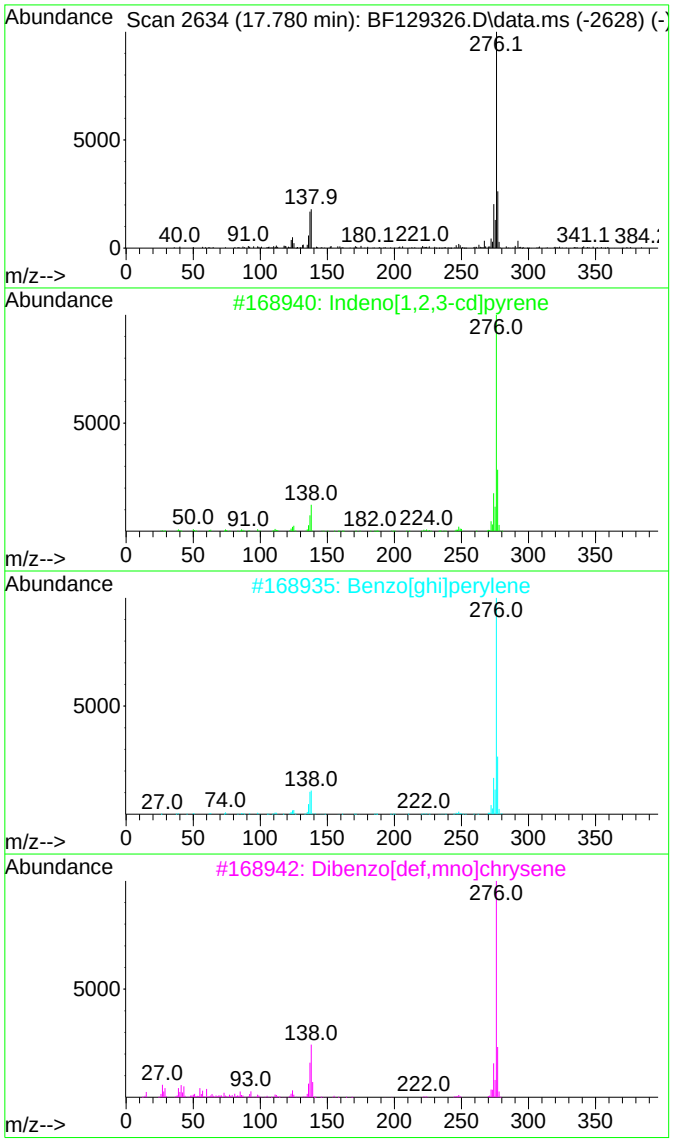
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

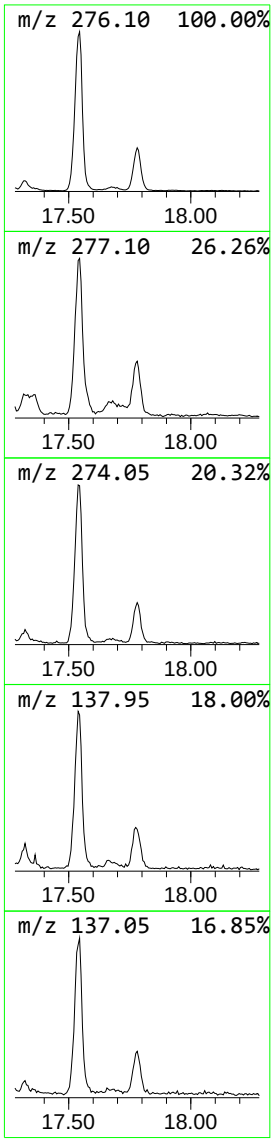
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.780 | 5.70 ng | 323592 | Perylene-d12 | 15.568 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indeno[1,2,3-cd]pyrene | 276 | C22H12 | 000193-39-5 | 90 |
| 2 | Benzo[ghi]perylene | 276 | C22H12 | 000191-24-2 | 90 |
| 3 | Dibenzo[def,mno]chrysene | 276 | C22H12 | 000191-26-4 | 89 |
| 4 | Indeno[1,2,3-cd]fluoranthene | 276 | C22H12 | 000193-43-1 | 72 |
| 5 | Phenol, 2-(4-chlorophenyliminome... | 276 | C13H9ClN2O3 | 1000262-90-3 | 53 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129326.D
Acq On : 22 Jul 2022 20:54
Operator : CG\JU
Sample : N3814-05 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ENV-DE-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.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 |
| Dibenzofuran, 4... | 10.634 | 3.8 | ng | 171232 | 3 | 9.934 | 890950 | 20.0 |
| 9H-Fluorene, 2-... | 11.028 | 4.2 | ng | 277576 | 4 | 11.422 | 1327770 | 20.0 |
| Dibenzothiophene | 11.316 | 4.8 | ng | 319653 | 4 | 11.422 | 1327770 | 20.0 |
| Phenanthrene, 2... | 11.928 | 13.0 | ng | 861586 | 4 | 11.422 | 1327770 | 20.0 |
| Phenanthrene, 1... | 11.951 | 14.5 | ng | 963550 | 4 | 11.422 | 1327770 | 20.0 |
| Anthracene, 1-m... | 11.998 | 7.5 | ng | 500817 | 4 | 11.422 | 1327770 | 20.0 |
| 4H-Cyclopenta[d... | 12.039 | 24.4 | ng | 1622030 | 4 | 11.422 | 1327770 | 20.0 |
| Phenanthrene, 4... | 12.057 | 7.8 | ng | 514276 | 4 | 11.422 | 1327770 | 20.0 |
| Naphthalene, 2-... | 12.222 | 8.2 | ng | 542905 | 4 | 11.422 | 1327770 | 20.0 |
| 9,10-Anthracene... | 12.245 | 6.0 | ng | 395540 | 4 | 11.422 | 1327770 | 20.0 |
| Phenanthrene, 2... | 12.475 | 10.5 | ng | 698144 | 4 | 11.422 | 1327770 | 20.0 |
| unknown12.516 | 12.516 | 6.4 | ng | 423591 | 4 | 11.422 | 1327770 | 20.0 |
| Cyclopenta(def)... | 12.563 | 8.2 | ng | 544483 | 4 | 11.422 | 1327770 | 20.0 |
| 9H-carbazole-3,... | 14.963 | 7.0 | ng | 396996 | 6 | 15.568 | 1134780 | 20.0 |
| Benzo[e]pyrene | 15.239 | 9.2 | ng | 519669 | 6 | 15.568 | 1134780 | 20.0 |
| Perylene | 15.445 | 38.6 | ng | 2192600 | 6 | 15.568 | 1134780 | 20.0 |
| 3,4-Dibromobenz... | 16.139 | 4.6 | ng | 262796 | 6 | 15.568 | 1134780 | 20.0 |
| unknown16.410 | 16.410 | 3.6 | ng | 206168 | 6 | 15.568 | 1134780 | 20.0 |
| Benzo[b]triphen... | 17.257 | 5.8 | ng | 327915 | 6 | 15.568 | 1134780 | 20.0 |
| Dibenzo[def,mno... | 17.780 | 5.7 | ng | 323592 | 6 | 15.568 | 1134780 | 20.0 |