LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128916.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.969 | 451 | 456 | 465 | rVB | 35475 | 48582 | 2.15% | 0.194% |
| 2 | 5.392 | 524 | 528 | 540 | rBV | 2371053 | 2191797 | 97.01% | 8.770% |
| 3 | 6.410 | 697 | 701 | 714 | rBV | 2404317 | 2259300 | 100.00% | 9.040% |
| 4 | 6.498 | 714 | 716 | 725 | rVB | 34274 | 31167 | 1.38% | 0.125% |
| 5 | 6.751 | 756 | 759 | 763 | rBV | 738980 | 587364 | 26.00% | 2.350% |
| 6 | 7.322 | 851 | 856 | 859 | rBV | 1677265 | 1514353 | 67.03% | 6.059% |
| 7 | 8.033 | 972 | 977 | 980 | rBV | 788687 | 762241 | 33.74% | 3.050% |
| 8 | 8.057 | 980 | 981 | 986 | rVB | 178643 | 102455 | 4.53% | 0.410% |
| 9 | 8.751 | 1095 | 1099 | 1102 | rBV | 38764 | 33067 | 1.46% | 0.132% |
| 10 | 9.110 | 1155 | 1160 | 1164 | rBV | 2410182 | 2243453 | 99.30% | 8.977% |
| 11 | 9.786 | 1272 | 1275 | 1278 | rBV | 807998 | 702522 | 31.09% | 2.811% |
| 12 | 9.822 | 1278 | 1281 | 1284 | rVB | 198441 | 154728 | 6.85% | 0.619% |
| 13 | 9.992 | 1307 | 1310 | 1315 | rBV | 79276 | 63745 | 2.82% | 0.255% |
| 14 | 10.333 | 1365 | 1368 | 1374 | rVB | 127971 | 109679 | 4.85% | 0.439% |
| 15 | 10.404 | 1374 | 1380 | 1381 | rBV | 22193 | 24196 | 1.07% | 0.097% |
| 16 | 10.580 | 1406 | 1410 | 1422 | rBV | 1320395 | 1148021 | 50.81% | 4.594% |
| 17 | 11.086 | 1492 | 1496 | 1499 | rVB | 31437 | 28338 | 1.25% | 0.113% |
| 18 | 11.169 | 1508 | 1510 | 1517 | rVB | 43327 | 39346 | 1.74% | 0.157% |
| 19 | 11.274 | 1524 | 1528 | 1530 | rBV | 746040 | 629211 | 27.85% | 2.518% |
| 20 | 11.298 | 1530 | 1532 | 1536 | rVV | 899655 | 726885 | 32.17% | 2.908% |
| 21 | 11.351 | 1536 | 1541 | 1544 | rVB | 244189 | 214700 | 9.50% | 0.859% |
| 22 | 11.510 | 1563 | 1568 | 1572 | rBV2 | 126832 | 124365 | 5.50% | 0.498% |
| 23 | 11.669 | 1589 | 1595 | 1597 | rBV4 | 28430 | 27624 | 1.22% | 0.111% |
| 24 | 11.774 | 1610 | 1613 | 1616 | rBV | 68065 | 64602 | 2.86% | 0.258% |
| 25 | 11.804 | 1616 | 1618 | 1622 | rVV2 | 102637 | 95320 | 4.22% | 0.381% |
| 26 | 11.851 | 1622 | 1626 | 1629 | rVV2 | 39261 | 42101 | 1.86% | 0.168% |
| 27 | 11.892 | 1629 | 1633 | 1635 | rVV | 151867 | 153763 | 6.81% | 0.615% |
| 28 | 11.910 | 1635 | 1636 | 1642 | rVB | 42859 | 30579 | 1.35% | 0.122% |
| 29 | 12.074 | 1661 | 1664 | 1666 | rBV | 55915 | 47279 | 2.09% | 0.189% |
| 30 | 12.104 | 1666 | 1669 | 1672 | rVB | 53732 | 43672 | 1.93% | 0.175% |
| 31 | 12.327 | 1703 | 1707 | 1710 | rBV2 | 27277 | 35115 | 1.55% | 0.141% |
| 32 | 12.416 | 1719 | 1722 | 1726 | rBV2 | 32077 | 34565 | 1.53% | 0.138% |
| 33 | 12.492 | 1731 | 1735 | 1738 | rVV | 1376058 | 1133828 | 50.18% | 4.537% |
| 34 | 12.639 | 1754 | 1760 | 1763 | rBV2 | 44196 | 56797 | 2.51% | 0.227% |
| 35 | 12.721 | 1768 | 1774 | 1777 | rVV | 1115029 | 1172883 | 51.91% | 4.693% |
| 36 | 12.768 | 1779 | 1782 | 1785 | rVB | 42166 | 41129 | 1.82% | 0.165% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.839 | 1790 | 1794 | 1795 | rBV | 76191 | 72748 | 3.22% | 0.291% |
| 38 | 12.863 | 1795 | 1798 | 1801 | rVV | 1875332 | 1547551 | 68.50% | 6.192% |
| 39 | 12.939 | 1805 | 1811 | 1814 | rBV2 | 58801 | 102836 | 4.55% | 0.411% |
| 40 | 12.974 | 1814 | 1817 | 1819 | rBV | 38684 | 28717 | 1.27% | 0.115% |
| 41 | 13.021 | 1821 | 1825 | 1827 | rBV4 | 62287 | 75575 | 3.35% | 0.302% |
| 42 | 13.045 | 1827 | 1829 | 1833 | rVB | 173358 | 165748 | 7.34% | 0.663% |
| 43 | 13.086 | 1833 | 1836 | 1838 | rBV2 | 17867 | 25520 | 1.13% | 0.102% |
| 44 | 13.116 | 1838 | 1841 | 1843 | rBV | 160547 | 131027 | 5.80% | 0.524% |
| 45 | 13.151 | 1843 | 1847 | 1849 | rBV3 | 96677 | 105842 | 4.68% | 0.424% |
| 46 | 13.174 | 1849 | 1851 | 1854 | rVB | 60619 | 51567 | 2.28% | 0.206% |
| 47 | 13.204 | 1854 | 1856 | 1859 | rVB | 29716 | 28013 | 1.24% | 0.112% |
| 48 | 13.245 | 1859 | 1863 | 1865 | rBV | 46095 | 42035 | 1.86% | 0.168% |
| 49 | 13.274 | 1865 | 1868 | 1872 | rBV2 | 53024 | 57559 | 2.55% | 0.230% |
| 50 | 13.433 | 1891 | 1895 | 1897 | rBV4 | 36506 | 46238 | 2.05% | 0.185% |
| 51 | 13.474 | 1899 | 1902 | 1904 | rVB2 | 37424 | 42114 | 1.86% | 0.169% |
| 52 | 13.533 | 1909 | 1912 | 1914 | rBV2 | 29239 | 31780 | 1.41% | 0.127% |
| 53 | 13.557 | 1914 | 1916 | 1920 | rVB | 63970 | 65287 | 2.89% | 0.261% |
| 54 | 13.668 | 1931 | 1935 | 1937 | rBV | 126687 | 119257 | 5.28% | 0.477% |
| 55 | 13.692 | 1937 | 1939 | 1942 | rVV | 99818 | 95958 | 4.25% | 0.384% |
| 56 | 13.721 | 1942 | 1944 | 1945 | rVV | 87103 | 77297 | 3.42% | 0.309% |
| 57 | 13.768 | 1949 | 1952 | 1957 | rVB2 | 82382 | 81655 | 3.61% | 0.327% |
| 58 | 13.839 | 1959 | 1964 | 1969 | rBV | 42087 | 77757 | 3.44% | 0.311% |
| 59 | 13.915 | 1969 | 1977 | 1980 | rVV2 | 892548 | 1394430 | 61.72% | 5.579% |
| 60 | 13.945 | 1980 | 1982 | 1989 | rVV | 599877 | 521358 | 23.08% | 2.086% |
| 61 | 14.021 | 1989 | 1995 | 1998 | rVV2 | 144711 | 198164 | 8.77% | 0.793% |
| 62 | 14.080 | 2001 | 2005 | 2008 | rVV5 | 40797 | 77276 | 3.42% | 0.309% |
| 63 | 14.115 | 2008 | 2011 | 2013 | rVV | 71945 | 72327 | 3.20% | 0.289% |
| 64 | 14.151 | 2015 | 2017 | 2020 | rVB | 76545 | 61488 | 2.72% | 0.246% |
| 65 | 14.268 | 2034 | 2037 | 2039 | rBV2 | 43622 | 40234 | 1.78% | 0.161% |
| 66 | 14.304 | 2039 | 2043 | 2046 | rVV | 94783 | 104466 | 4.62% | 0.418% |
| 67 | 14.339 | 2046 | 2049 | 2053 | rVB2 | 48556 | 43752 | 1.94% | 0.175% |
| 68 | 14.386 | 2053 | 2057 | 2058 | rBV4 | 45383 | 48405 | 2.14% | 0.194% |
| 69 | 14.404 | 2058 | 2060 | 2062 | rVV | 44514 | 38428 | 1.70% | 0.154% |
| 70 | 14.433 | 2062 | 2065 | 2066 | rVV | 46159 | 45924 | 2.03% | 0.184% |
| 71 | 14.451 | 2066 | 2068 | 2071 | rVB2 | 72204 | 58627 | 2.59% | 0.235% |
| 72 | 14.615 | 2093 | 2096 | 2098 | rBV2 | 48419 | 43880 | 1.94% | 0.176% |
| 73 | 14.798 | 2123 | 2127 | 2133 | rVB3 | 37434 | 65506 | 2.90% | 0.262% |
| 74 | 14.951 | 2148 | 2153 | 2156 | rBV | 454670 | 683822 | 30.27% | 2.736% |
| 75 | 15.051 | 2167 | 2170 | 2174 | rBV | 67213 | 68639 | 3.04% | 0.275% |
| 76 | 15.139 | 2182 | 2185 | 2186 | rBV2 | 28381 | 30441 | 1.35% | 0.122% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.239 | 2198 | 2202 | 2209 | rVB | 239444 | 302901 | 13.41% | 1.212% |
| 78 | 15.304 | 2209 | 2213 | 2218 | rVV | 314191 | 379924 | 16.82% | 1.520% |
| 79 | 15.362 | 2218 | 2223 | 2226 | rVV | 326904 | 404355 | 17.90% | 1.618% |
| 80 | 15.392 | 2226 | 2228 | 2234 | rVB | 102263 | 130952 | 5.80% | 0.524% |
| 81 | 16.780 | 2459 | 2464 | 2472 | rVB | 122927 | 213343 | 9.44% | 0.854% |
| 82 | 17.203 | 2532 | 2536 | 2547 | rVB | 79603 | 172569 | 7.64% | 0.690% |

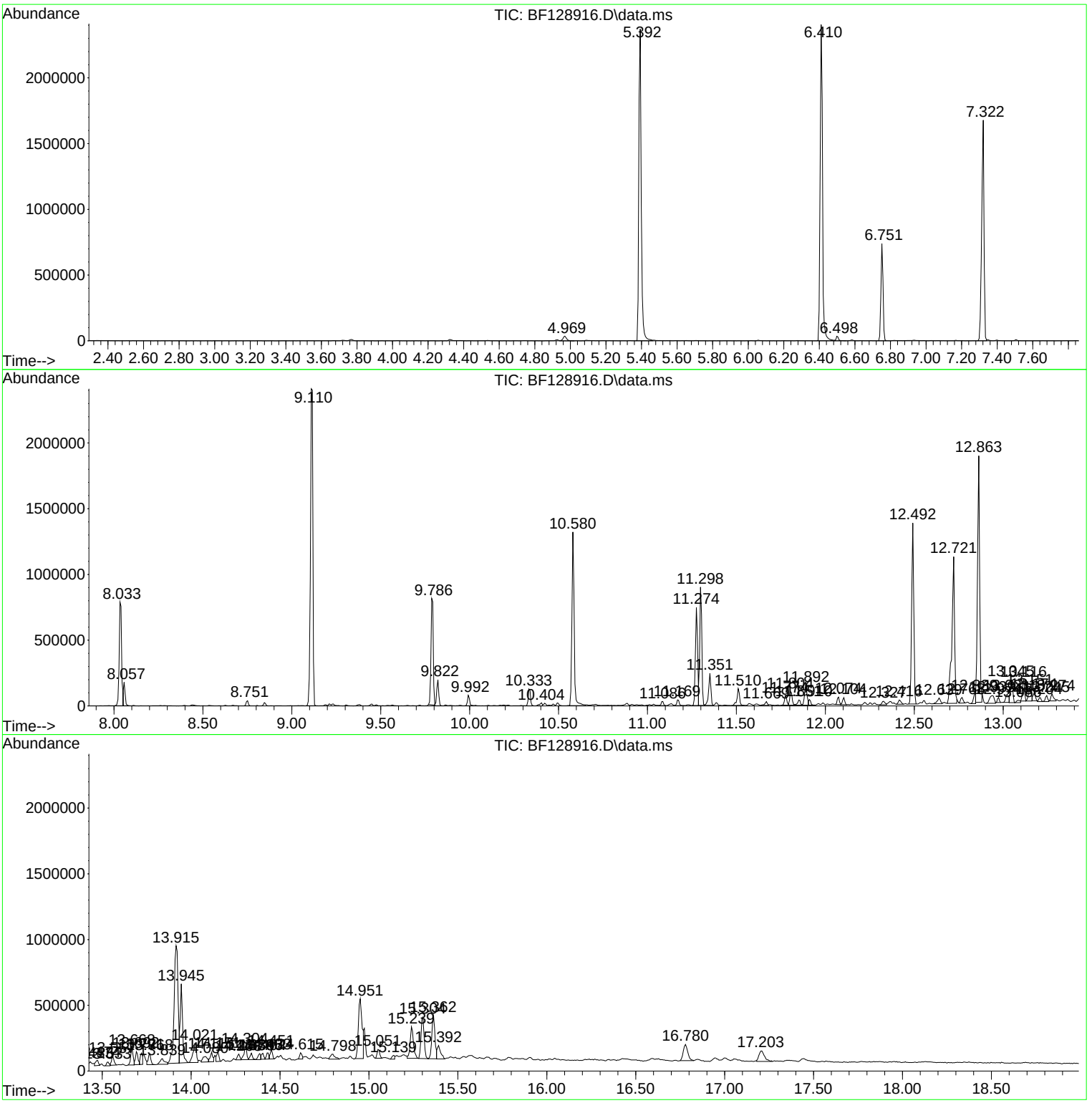
Sum of corrected areas: 24992064

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

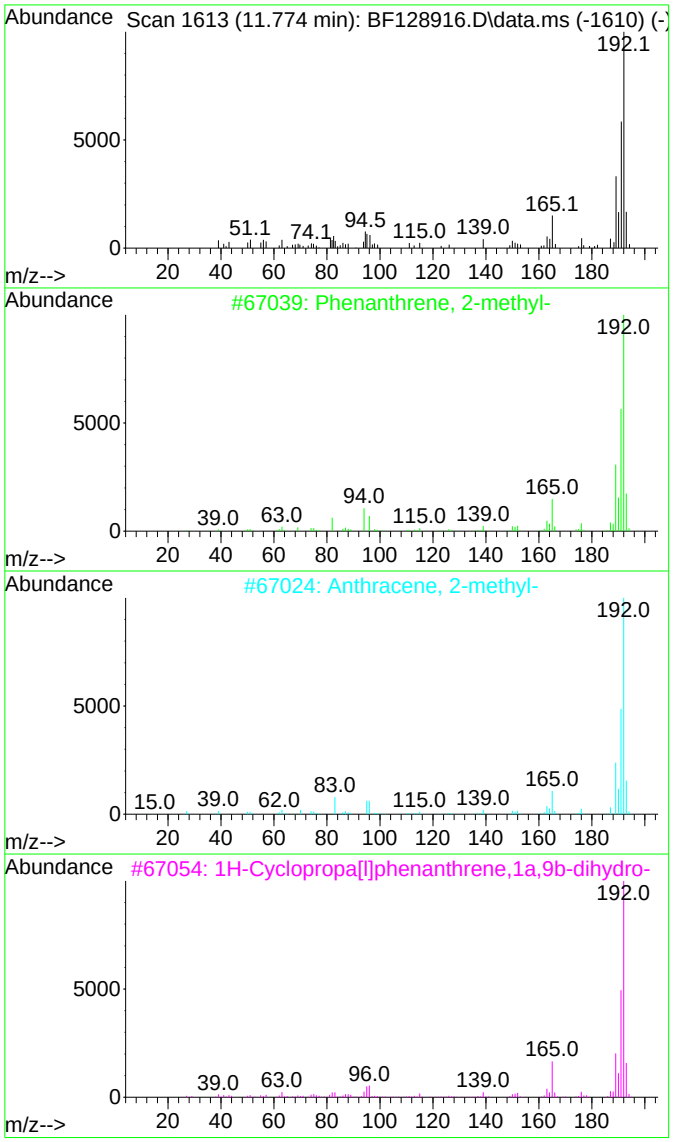
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

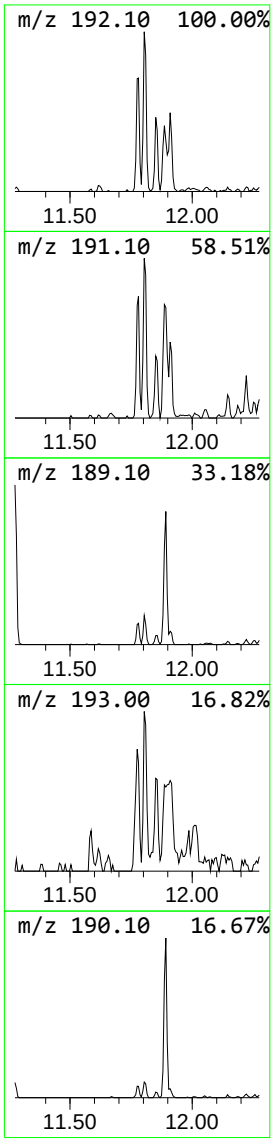
**********

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.774 | 2.05 ng | 64602 | Phenanthrene-d10 | 11.275 |

| 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 | 97 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

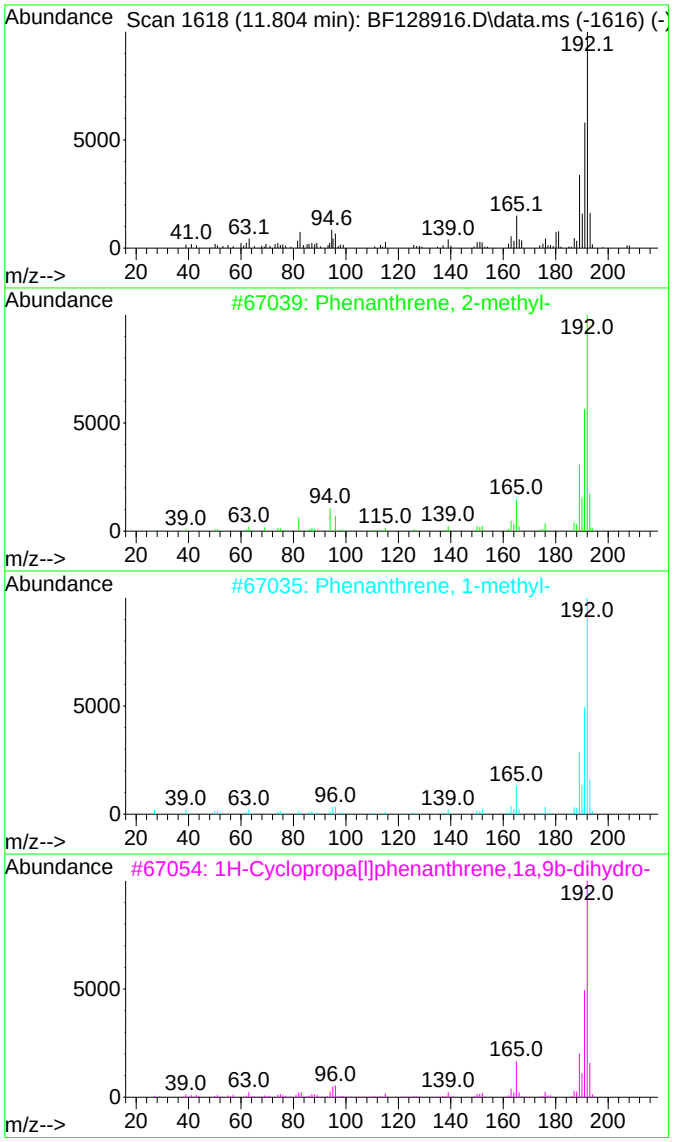
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

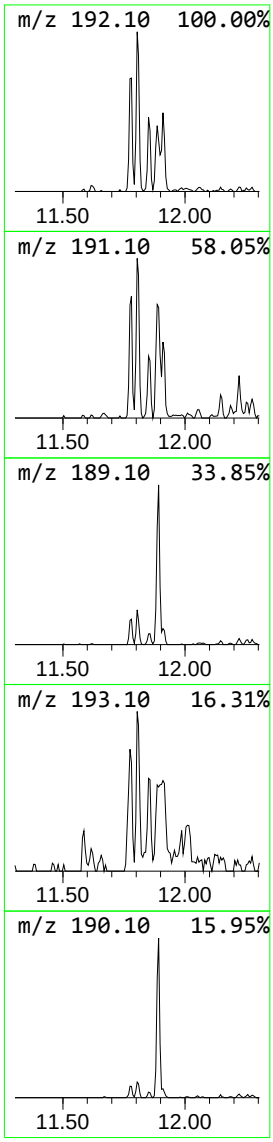
**********

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.804 | 3.03 ng | 95320 | Phenanthrene-d10 | 11.275 |

| 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, 1-methyl- | 192 | C15H12 | 000610-48-0 | 94 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

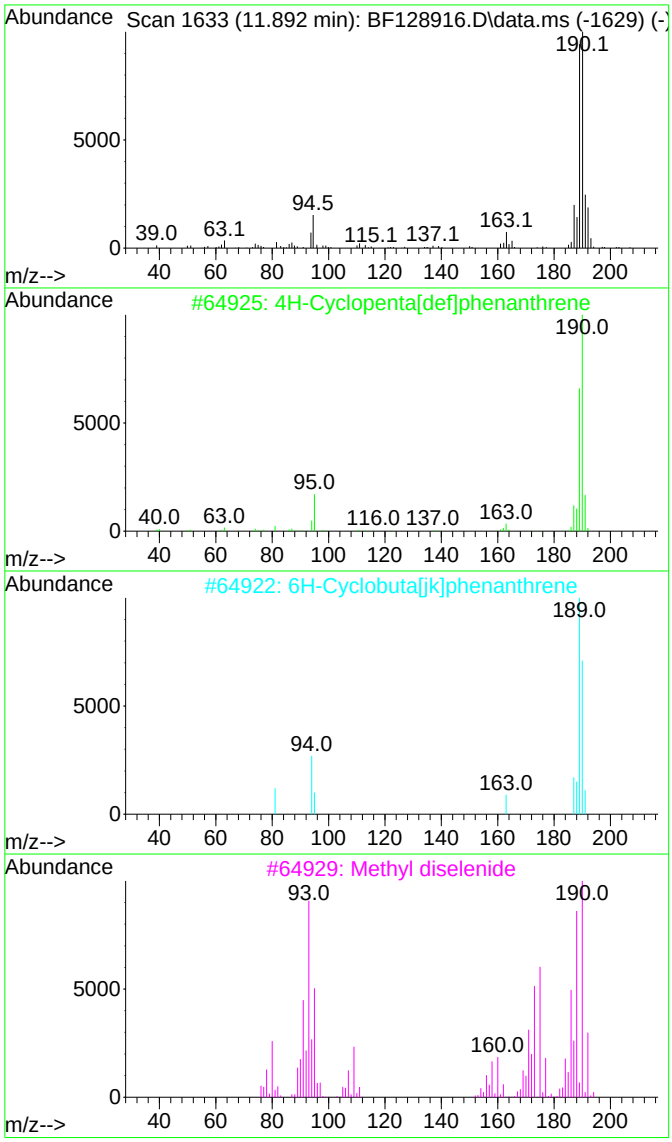
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

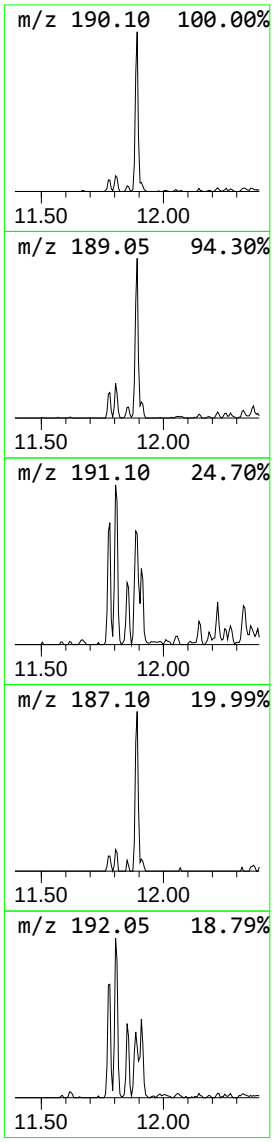
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.892 | 4.89 ng | 153763 | Phenanthrene-d10 | 11.275 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 87 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 56 |
| 3 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 49 |
| 4 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 45 |
| 5 | 1,4-Naphthalenedione, 2,5-dihydr... | 190 | C10H6O4 | 004923-55-1 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

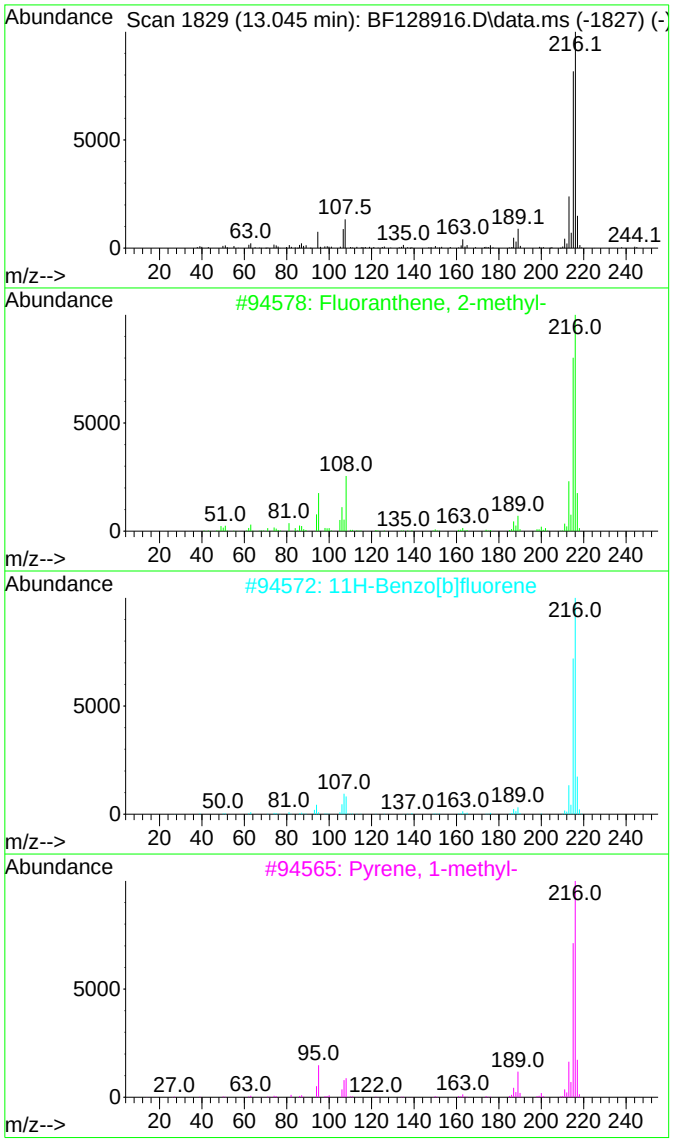
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

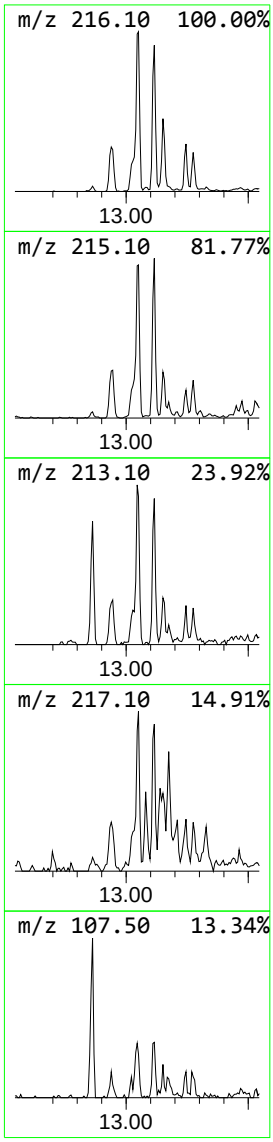
**********

Peak Number 4 Fluoranthene, 2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.045 | 2.38 ng | 165748 | Chrysene-d12 | 13.921 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

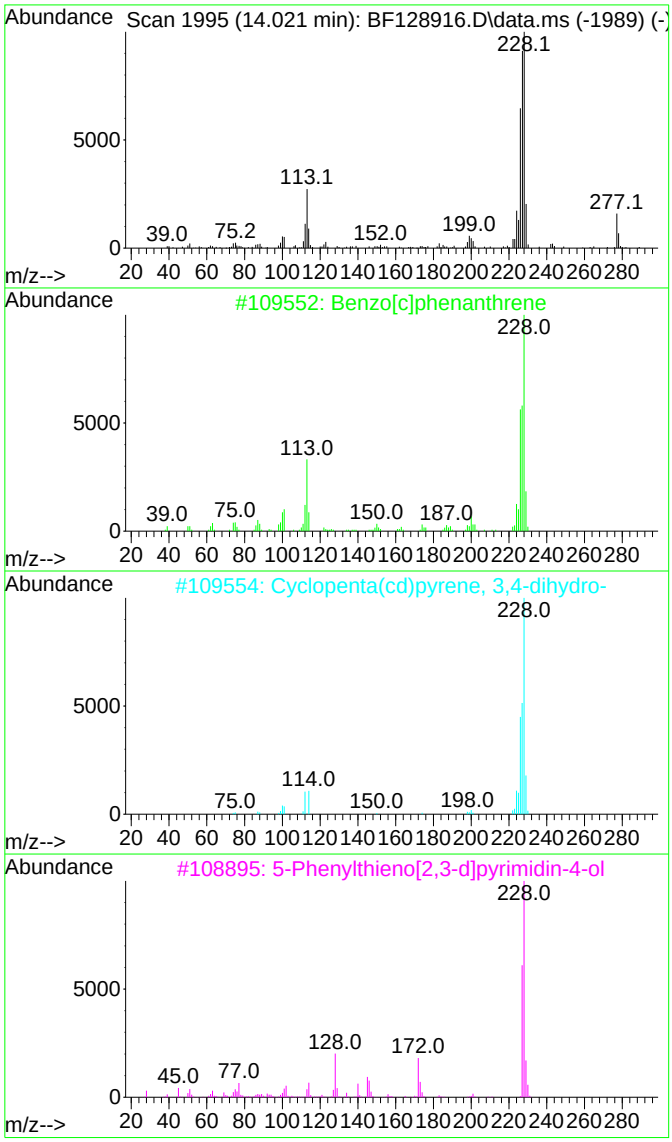
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

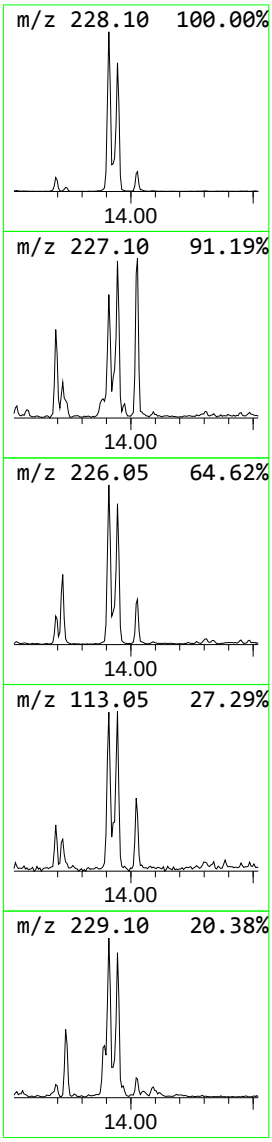
**********

Peak Number 5 Benzo[c]phenanthrene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.021 | 2.84 ng | 198164 | Chrysene-d12 | 13.921 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 60 |
| 2 | Cyclopenta(cd)pyrene, 3,4-dihydro- | 228 | C18H12 | 025732-74-5 | 55 |
| 3 | 5-Phenylthieno[2,3-d]pyrimidin-4-ol | 228 | C12H8N2OS | 035978-39-3 | 52 |
| 4 | Triphenylene | 228 | C18H12 | 000217-59-4 | 46 |
| 5 | Isothiazol-5-amine, 4-bromo-3-ch... | 226 | C4H4BrClN2S | 1000272-59-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

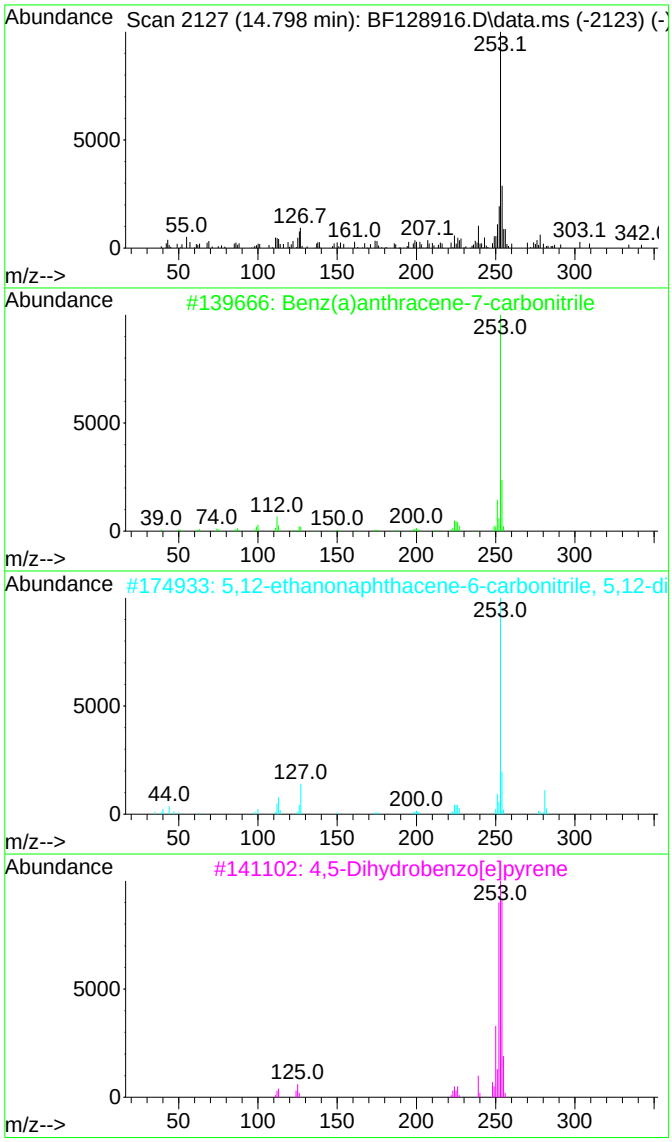
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

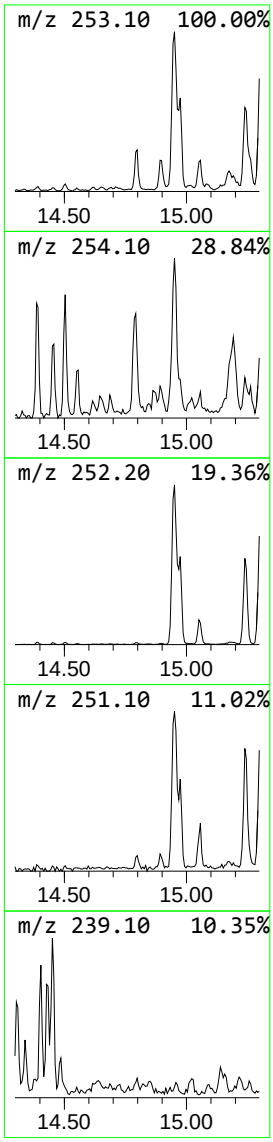
**********

Peak Number 6 Benz(a)anthracene-7-carboni... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.798 | 3.24 ng | 65506 | Perylene-d12 | 15.362 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benz(a)anthracene-7-carbonitrile | 253 | C19H11N | 007476-08-6 | 53 |
| 2 | 5,12-ethanonaphthacene-6-carboni... | 281 | C21H15N | 1000397-19-0 | 53 |
| 3 | 4,5-Dihydrobenzo[e]pyrene | 254 | C20H14 | 095676-42-9 | 50 |
| 4 | 2-Methyl-4-trihexylsilyloxyoct-5... | 422 | C27H54OSi | 1000299-52-5 | 47 |
| 5 | Fumaric acid, 3-hexyl undecyl ester | 354 | C21H38O4 | 1000348-61-0 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

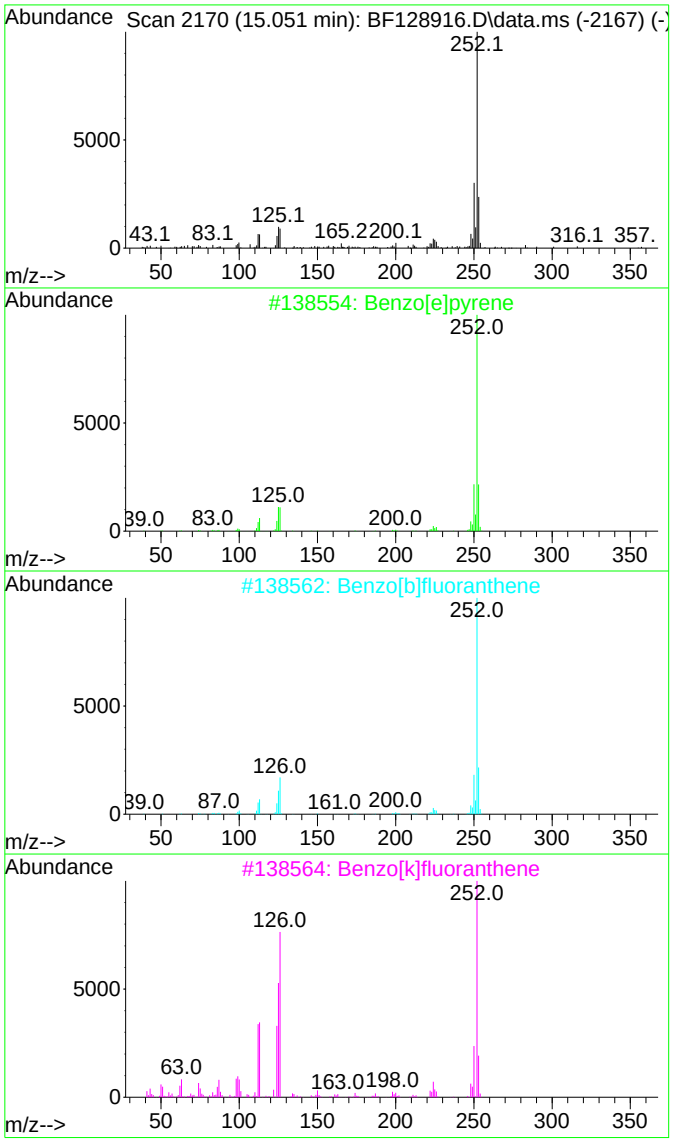
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

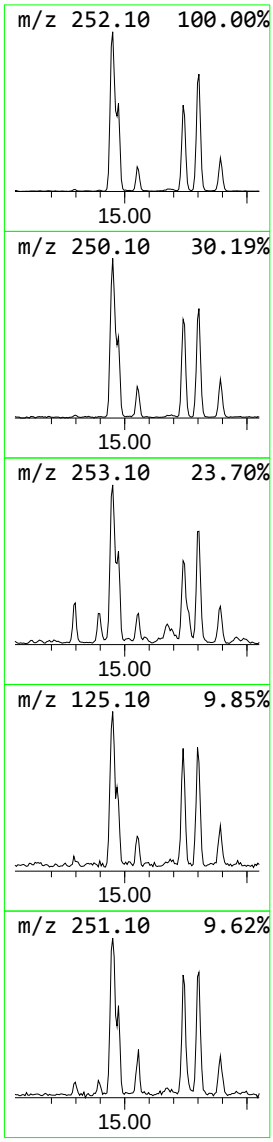
**********

Peak Number 7 Benzo[e]pyrene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.051 | 3.39 ng | 68639 | Perylene-d12 | 15.362 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 97 |
| 2 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 93 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 91 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128916.D
Acq On : 22 Jun 2022 00:19
Operator : CG\JU
Sample : N3421-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-3-0-2-20220620

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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 |
| Phenanthrene, 2... | 11.774 | 2.0 | ng | 64602 | 4 | 11.275 | 629211 | 20.0 |
| Phenanthrene, 1... | 11.804 | 3.0 | ng | 95320 | 4 | 11.275 | 629211 | 20.0 |
| 4H-Cyclopenta[d... | 11.892 | 4.9 | ng | 153763 | 4 | 11.275 | 629211 | 20.0 |
| Fluoranthene, 2... | 13.045 | 2.4 | ng | 165748 | 5 | 13.921 | 1394430 | 20.0 |
| Benzo[c]phenant... | 14.021 | 2.8 | ng | 198164 | 5 | 13.921 | 1394430 | 20.0 |
| Benz(a)anthrace... | 14.798 | 3.2 | ng | 65506 | 6 | 15.362 | 404355 | 20.0 |
| Benzo[e]pyrene | 15.051 | 3.4 | ng | 68639 | 6 | 15.362 | 404355 | 20.0 |