LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 600486548-BIN-1

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123513.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.187 | 12 | 17 | 24 | rBV | 477873 | 592160 | 19.19% | 1.160% |
| 2 | 2.299 | 32 | 36 | 41 | rVB | 87214 | 112403 | 3.64% | 0.220% |
| 3 | 4.640 | 430 | 434 | 439 | rVB2 | 71965 | 74328 | 2.41% | 0.146% |
| 4 | 5.104 | 509 | 513 | 520 | rVB | 132254 | 138329 | 4.48% | 0.271% |
| 5 | 5.510 | 574 | 582 | 585 | rBV | 2417404 | 2058842 | 66.73% | 4.033% |
| 6 | 6.516 | 749 | 753 | 756 | rBV | 2436191 | 2052533 | 66.53% | 4.021% |
| 7 | 6.898 | 814 | 818 | 821 | rBV | 1883415 | 1473950 | 47.77% | 2.887% |
| 8 | 7.457 | 903 | 913 | 916 | rBV | 1468743 | 1357740 | 44.01% | 2.660% |
| 9 | 8.181 | 1031 | 1036 | 1039 | rVV | 2172898 | 1964277 | 63.67% | 3.848% |
| 10 | 8.204 | 1039 | 1040 | 1043 | rVV | 314191 | 169736 | 5.50% | 0.332% |
| 11 | 8.775 | 1135 | 1137 | 1140 | rBV | 89959 | 68894 | 2.23% | 0.135% |
| 12 | 8.898 | 1155 | 1158 | 1160 | rVB | 115523 | 97907 | 3.17% | 0.192% |
| 13 | 8.992 | 1171 | 1174 | 1179 | rVB | 119429 | 107265 | 3.48% | 0.210% |
| 14 | 9.210 | 1208 | 1211 | 1215 | rBV | 87140 | 76600 | 2.48% | 0.150% |
| 15 | 9.257 | 1215 | 1219 | 1222 | rBV | 2574205 | 2026545 | 65.69% | 3.970% |
| 16 | 9.339 | 1230 | 1233 | 1238 | rBV2 | 170987 | 199309 | 6.46% | 0.390% |
| 17 | 9.528 | 1260 | 1265 | 1268 | rVV2 | 81921 | 121867 | 3.95% | 0.239% |
| 18 | 9.598 | 1274 | 1277 | 1279 | rBV | 152598 | 128138 | 4.15% | 0.251% |
| 19 | 9.622 | 1279 | 1281 | 1284 | rVB | 106653 | 79869 | 2.59% | 0.156% |
| 20 | 9.663 | 1284 | 1288 | 1290 | rBV2 | 145420 | 172183 | 5.58% | 0.337% |
| 21 | 9.716 | 1294 | 1297 | 1302 | rVB2 | 86198 | 92351 | 2.99% | 0.181% |
| 22 | 9.798 | 1309 | 1311 | 1317 | rBV2 | 75443 | 90916 | 2.95% | 0.178% |
| 23 | 9.875 | 1322 | 1324 | 1329 | rVB | 169198 | 132608 | 4.30% | 0.260% |
| 24 | 9.939 | 1329 | 1335 | 1338 | rBV | 2207335 | 1967618 | 63.78% | 3.854% |
| 25 | 9.975 | 1338 | 1341 | 1344 | rVV | 728189 | 585044 | 18.96% | 1.146% |
| 26 | 10.045 | 1350 | 1353 | 1357 | rVB3 | 56662 | 75692 | 2.45% | 0.148% |
| 27 | 10.098 | 1357 | 1362 | 1366 | rBV4 | 69691 | 101991 | 3.31% | 0.200% |
| 28 | 10.145 | 1366 | 1370 | 1374 | rBV | 415545 | 370899 | 12.02% | 0.727% |
| 29 | 10.257 | 1386 | 1389 | 1392 | rBV | 89382 | 77076 | 2.50% | 0.151% |
| 30 | 10.351 | 1401 | 1405 | 1406 | rBV2 | 63746 | 78500 | 2.54% | 0.154% |
| 31 | 10.375 | 1406 | 1409 | 1411 | rVB | 194250 | 162252 | 5.26% | 0.318% |
| 32 | 10.486 | 1425 | 1428 | 1434 | rVV | 687550 | 620097 | 20.10% | 1.215% |
| 33 | 10.551 | 1438 | 1439 | 1441 | rVV | 89732 | 75403 | 2.44% | 0.148% |
| 34 | 10.575 | 1441 | 1443 | 1445 | rVV | 138987 | 135703 | 4.40% | 0.266% |
| 35 | 10.598 | 1445 | 1447 | 1449 | rVV2 | 163114 | 150696 | 4.88% | 0.295% |
| 36 | 10.645 | 1453 | 1455 | 1459 | rVB | 187954 | 159283 | 5.16% | 0.312% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 600486548-BIN-1

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.728 | 1465 | 1469 | 1473 | rBV | 1376677 | 1216039 | 39.41% | 2.382% |
| 38 | 10.851 | 1486 | 1490 | 1491 | rBV3 | 214112 | 232236 | 7.53% | 0.455% |
| 39 | 10.922 | 1498 | 1502 | 1505 | rBV4 | 61996 | 86850 | 2.82% | 0.170% |
| 40 | 11.039 | 1517 | 1522 | 1524 | rBV2 | 143556 | 146694 | 4.75% | 0.287% |
| 41 | 11.063 | 1524 | 1526 | 1530 | rVV3 | 82691 | 87515 | 2.84% | 0.171% |
| 42 | 11.122 | 1533 | 1536 | 1539 | rVB3 | 74017 | 72297 | 2.34% | 0.142% |
| 43 | 11.169 | 1539 | 1544 | 1545 | rBV2 | 64724 | 86914 | 2.82% | 0.170% |
| 44 | 11.186 | 1545 | 1547 | 1549 | rVV2 | 76623 | 74994 | 2.43% | 0.147% |
| 45 | 11.298 | 1563 | 1566 | 1568 | rVV | 158301 | 161864 | 5.25% | 0.317% |
| 46 | 11.327 | 1568 | 1571 | 1577 | rVB | 317052 | 297923 | 9.66% | 0.584% |
| 47 | 11.433 | 1585 | 1589 | 1590 | rBV | 1627916 | 1556048 | 50.44% | 3.048% |
| 48 | 11.457 | 1590 | 1593 | 1596 | rVV | 2705199 | 2274015 | 73.71% | 4.454% |
| 49 | 11.504 | 1598 | 1601 | 1604 | rVV | 1102841 | 858147 | 27.81% | 1.681% |
| 50 | 11.533 | 1604 | 1606 | 1610 | rVV2 | 82672 | 90903 | 2.95% | 0.178% |
| 51 | 11.657 | 1624 | 1627 | 1629 | rBV | 166631 | 136942 | 4.44% | 0.268% |
| 52 | 11.727 | 1636 | 1639 | 1642 | rVV | 160873 | 126767 | 4.11% | 0.248% |
| 53 | 11.763 | 1642 | 1645 | 1650 | rVB2 | 74106 | 86268 | 2.80% | 0.169% |
| 54 | 11.933 | 1671 | 1674 | 1676 | rBV | 317711 | 251663 | 8.16% | 0.493% |
| 55 | 11.963 | 1676 | 1679 | 1682 | rVB | 451194 | 400499 | 12.98% | 0.785% |
| 56 | 12.010 | 1683 | 1687 | 1690 | rBV | 209662 | 197258 | 6.39% | 0.386% |
| 57 | 12.045 | 1690 | 1693 | 1696 | rVV | 716217 | 758947 | 24.60% | 1.487% |
| 58 | 12.069 | 1696 | 1697 | 1701 | rVB | 231798 | 127769 | 4.14% | 0.250% |
| 59 | 12.133 | 1706 | 1708 | 1711 | rVB | 111300 | 78956 | 2.56% | 0.155% |
| 60 | 12.227 | 1721 | 1724 | 1726 | rBV | 240325 | 182619 | 5.92% | 0.358% |
| 61 | 12.380 | 1748 | 1750 | 1752 | rVB | 94334 | 66836 | 2.17% | 0.131% |
| 62 | 12.410 | 1752 | 1755 | 1757 | rBV2 | 128994 | 125428 | 4.07% | 0.246% |
| 63 | 12.486 | 1764 | 1768 | 1770 | rBV | 207530 | 227435 | 7.37% | 0.446% |
| 64 | 12.522 | 1770 | 1774 | 1777 | rVV2 | 227817 | 271656 | 8.81% | 0.532% |
| 65 | 12.569 | 1779 | 1782 | 1787 | rBV2 | 93094 | 129281 | 4.19% | 0.253% |
| 66 | 12.651 | 1791 | 1796 | 1799 | rBV | 3349175 | 2992401 | 96.99% | 5.862% |
| 67 | 12.692 | 1801 | 1803 | 1808 | rVB3 | 76545 | 122001 | 3.95% | 0.239% |
| 68 | 12.798 | 1819 | 1821 | 1824 | rVB2 | 131198 | 111480 | 3.61% | 0.218% |
| 69 | 12.880 | 1828 | 1835 | 1840 | rBV | 2525968 | 3085235 | 100.00% | 6.044% |
| 70 | 12.927 | 1840 | 1843 | 1848 | rVB3 | 130484 | 153864 | 4.99% | 0.301% |
| 71 | 12.992 | 1851 | 1854 | 1856 | rBV | 173419 | 187272 | 6.07% | 0.367% |
| 72 | 13.016 | 1856 | 1858 | 1866 | rVB | 1542565 | 1449876 | 46.99% | 2.840% |
| 73 | 13.092 | 1867 | 1871 | 1874 | rBV3 | 210943 | 312855 | 10.14% | 0.613% |
| 74 | 13.121 | 1874 | 1876 | 1879 | rVB2 | 89815 | 78387 | 2.54% | 0.154% |
| 75 | 13.157 | 1879 | 1882 | 1884 | rBV3 | 60243 | 84048 | 2.72% | 0.165% |
| 76 | 13.180 | 1884 | 1886 | 1887 | rBV2 | 111106 | 96109 | 3.12% | 0.188% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 600486548-BIN-1

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.204 | 1887 | 1890 | 1893 | rVB | 642613 | 554420 | 17.97% | 1.086% |
| 78 | 13.269 | 1896 | 1901 | 1904 | rBV2 | 525702 | 561620 | 18.20% | 1.100% |
| 79 | 13.310 | 1904 | 1908 | 1911 | rBV2 | 303680 | 335231 | 10.87% | 0.657% |
| 80 | 13.398 | 1921 | 1923 | 1926 | rVB | 122993 | 108220 | 3.51% | 0.212% |
| 81 | 13.433 | 1926 | 1929 | 1933 | rBV2 | 142497 | 163303 | 5.29% | 0.320% |
| 82 | 13.598 | 1955 | 1957 | 1961 | rBV3 | 112072 | 153055 | 4.96% | 0.300% |
| 83 | 13.827 | 1993 | 1996 | 1999 | rBV | 174036 | 176038 | 5.71% | 0.345% |
| 84 | 13.857 | 1999 | 2001 | 2003 | rVV | 189723 | 155563 | 5.04% | 0.305% |
| 85 | 13.880 | 2003 | 2005 | 2008 | rVV2 | 148819 | 196671 | 6.37% | 0.385% |
| 86 | 13.927 | 2011 | 2013 | 2019 | rVB3 | 156784 | 179141 | 5.81% | 0.351% |
| 87 | 14.074 | 2033 | 2038 | 2041 | rBV3 | 1941670 | 2712182 | 87.91% | 5.313% |
| 88 | 14.104 | 2041 | 2043 | 2046 | rVB | 1130364 | 838424 | 27.18% | 1.642% |
| 89 | 14.186 | 2054 | 2057 | 2060 | rVB | 324818 | 260710 | 8.45% | 0.511% |
| 90 | 14.245 | 2065 | 2067 | 2069 | rVV2 | 165800 | 162495 | 5.27% | 0.318% |
| 91 | 14.298 | 2073 | 2076 | 2080 | rBV2 | 125339 | 179636 | 5.82% | 0.352% |
| 92 | 14.463 | 2102 | 2104 | 2108 | rVB | 217315 | 205656 | 6.67% | 0.403% |
| 93 | 14.557 | 2117 | 2120 | 2123 | rVB2 | 248259 | 258771 | 8.39% | 0.507% |
| 94 | 15.139 | 2215 | 2219 | 2229 | rBV | 941798 | 1931730 | 62.61% | 3.784% |
| 95 | 15.245 | 2235 | 2237 | 2242 | rVB | 252158 | 267128 | 8.66% | 0.523% |
| 96 | 15.451 | 2268 | 2272 | 2278 | rVB | 602041 | 812125 | 26.32% | 1.591% |
| 97 | 15.515 | 2278 | 2283 | 2287 | rBV | 875820 | 1141990 | 37.01% | 2.237% |
| 98 | 15.580 | 2290 | 2294 | 2297 | rVV | 1046386 | 1379358 | 44.71% | 2.702% |
| 99 | 15.615 | 2297 | 2300 | 2306 | rVB2 | 413532 | 621120 | 20.13% | 1.217% |
| 100 | 17.092 | 2546 | 2551 | 2558 | rVB2 | 337167 | 662431 | 21.47% | 1.298% |

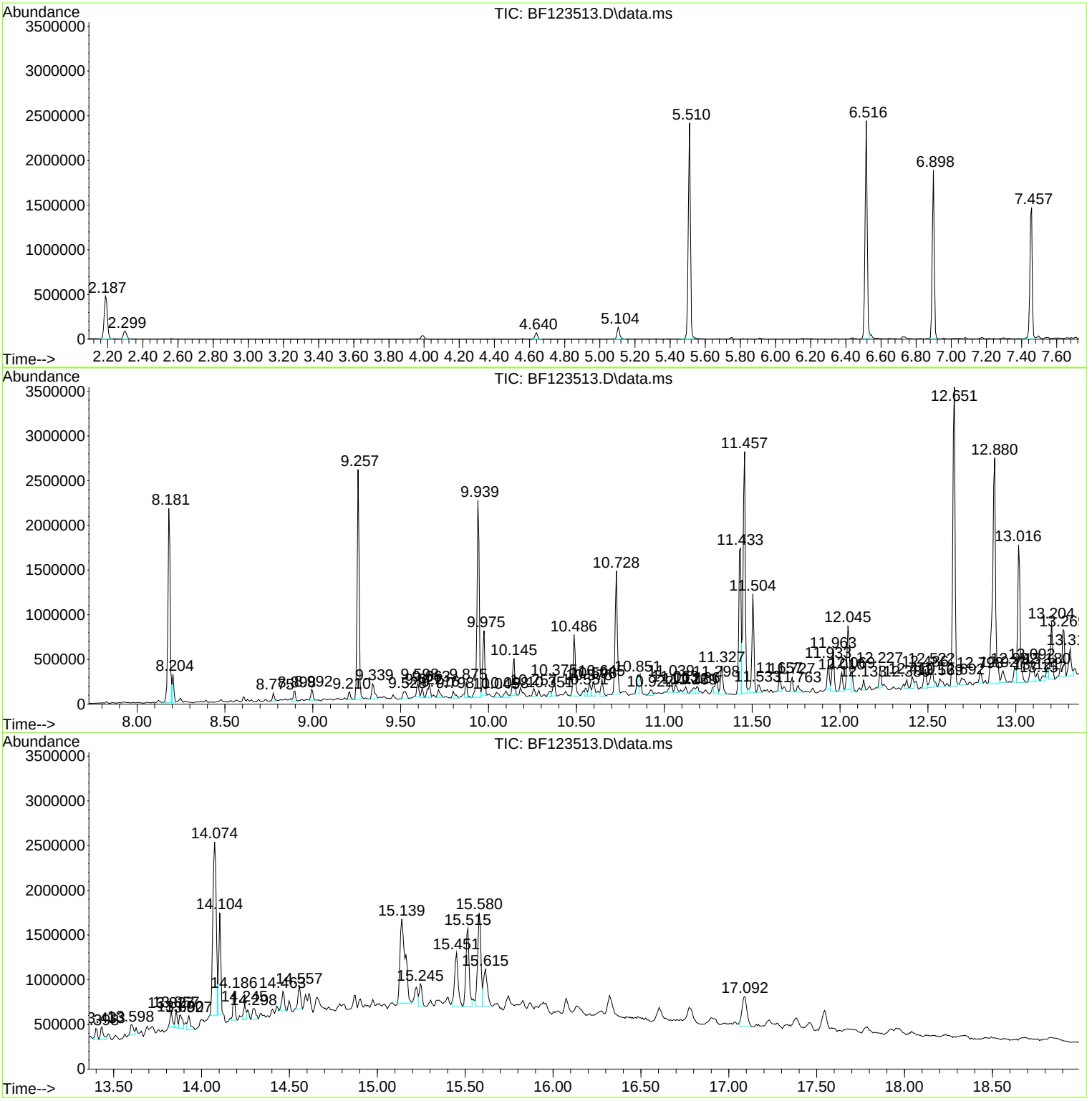
Sum of corrected areas: 51050313

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

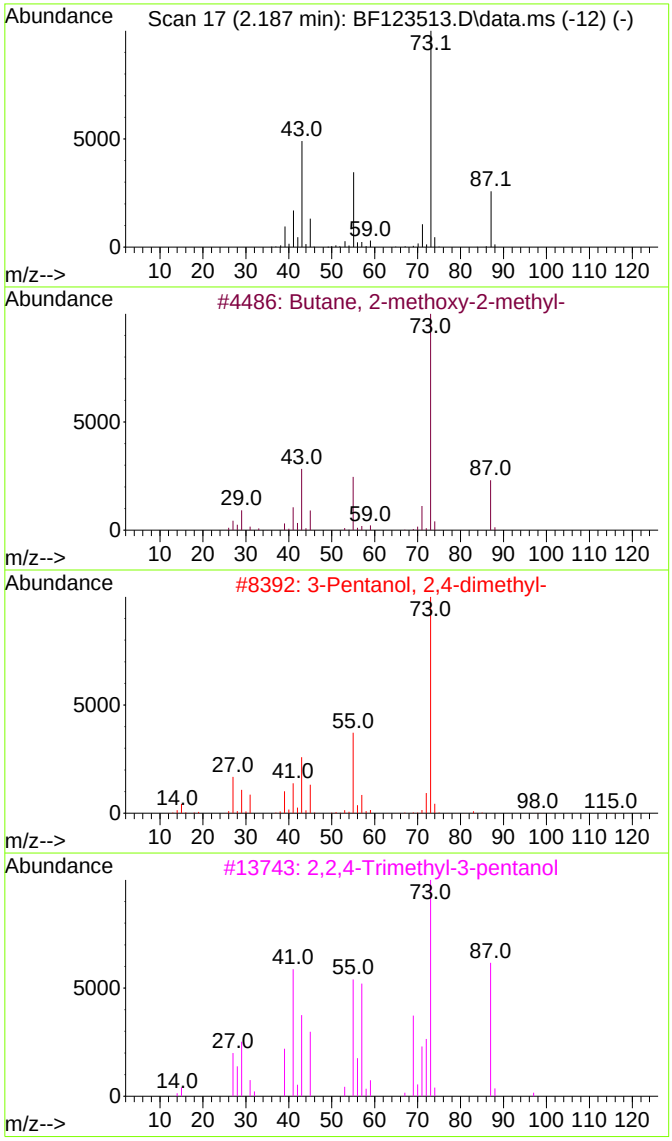
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

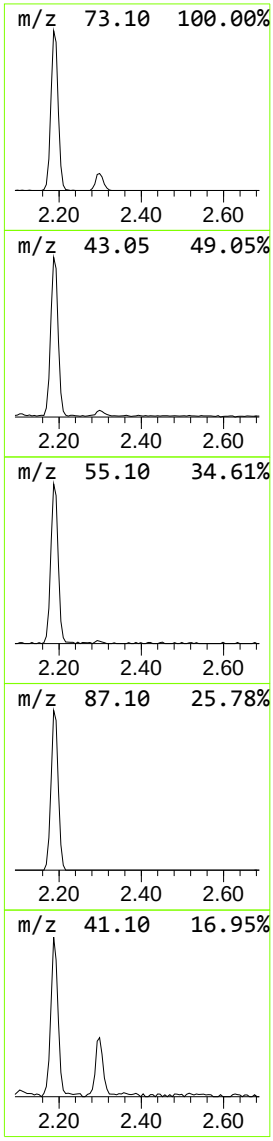
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.187 | 8.04 ng | 592160 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 43 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 38 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 37 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

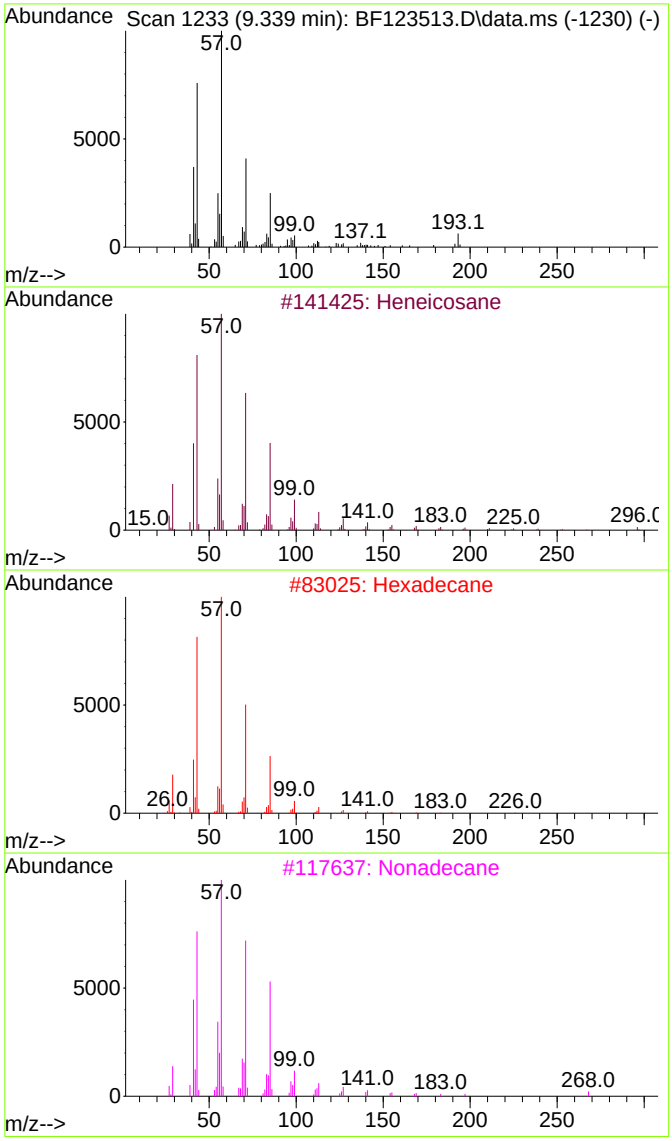
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

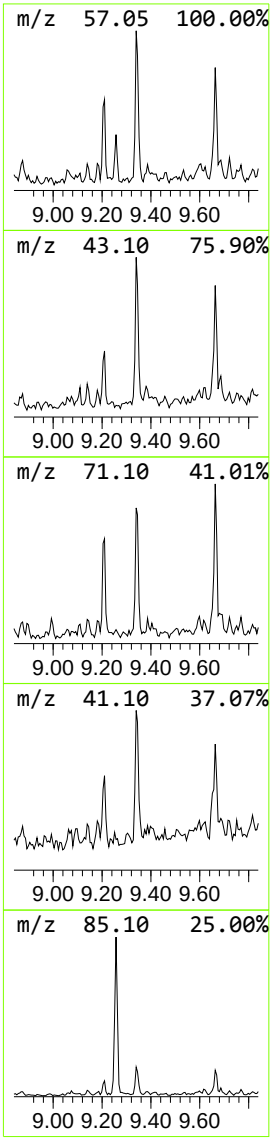
**********

Peak Number 2 Heneicosane Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.339 | 2.03 ng | 199309 | Acenaphthene-d10 | 9.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 86 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 72 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 64 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 600486548-BIN-1

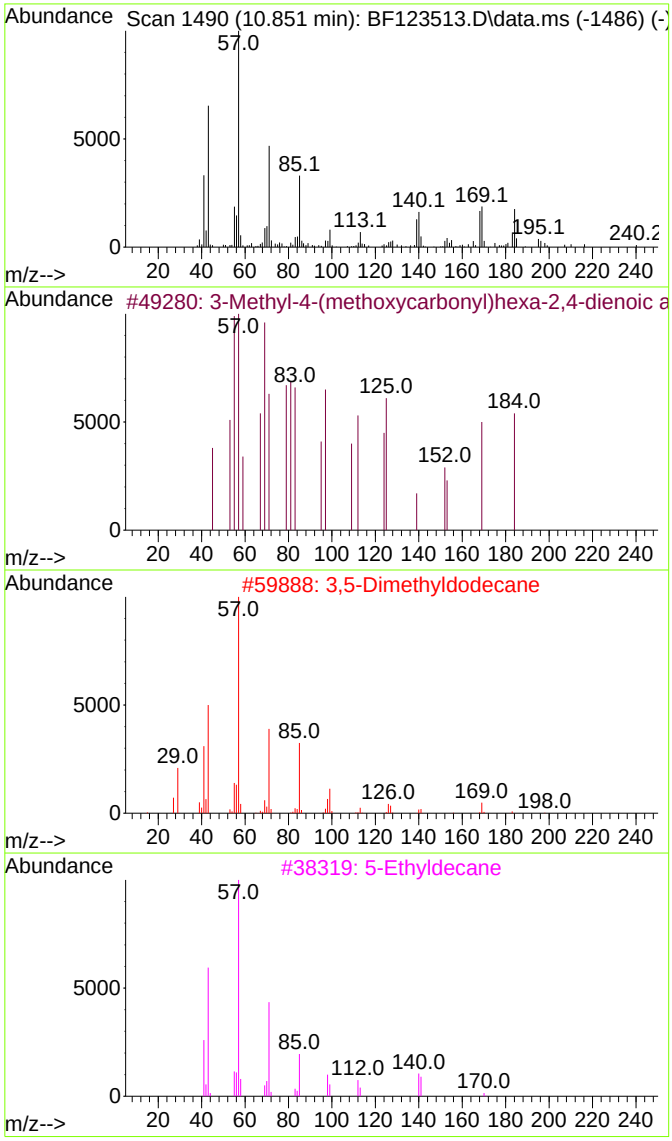
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

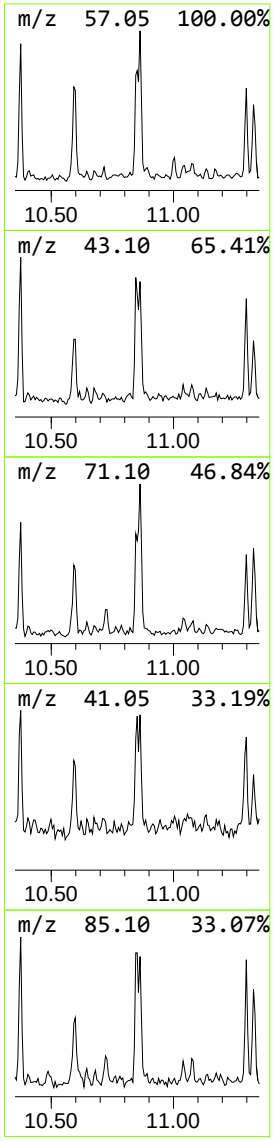
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 3-Methyl-4-(methoxycarbonyl... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.851 | 2.98 ng | 232236 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methyl-4-(methoxycarbonyl)hexa... | 184 | C9H12O4 | 1000104-10-8 | 90 |
| 2 | 3,5-Dimethyldodecane | 198 | C14H30 | 107770-99-0 | 70 |
| 3 | 5-Ethyldecane | 170 | C12H26 | 017302-36-2 | 58 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 50 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

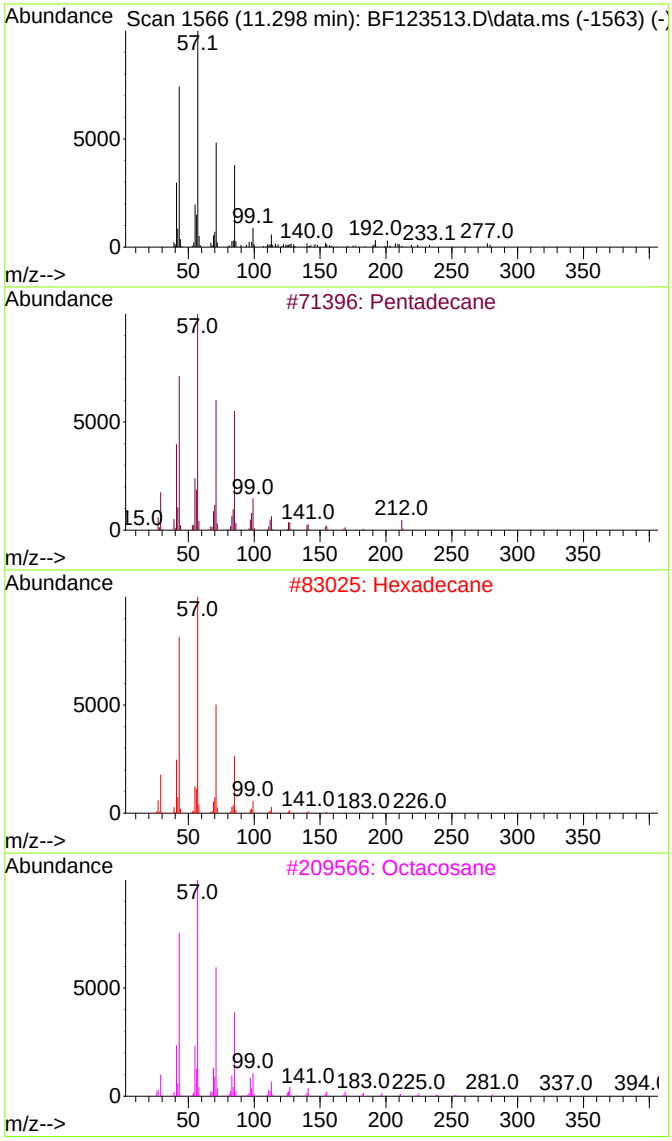
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

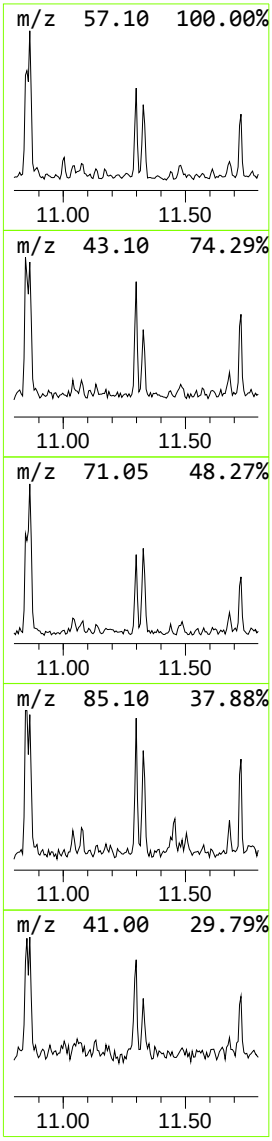
**********

Peak Number 4 Pentadecane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.298 | 2.08 ng | 161864 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane | 212 | C15H32 | 000629-62-9 | 74 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 72 |
| 4 | Decane, 6-ethyl-2-methyl- | 184 | C13H28 | 062108-21-8 | 64 |
| 5 | Undecane, 3,5-dimethyl- | 184 | C13H28 | 017312-81-1 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

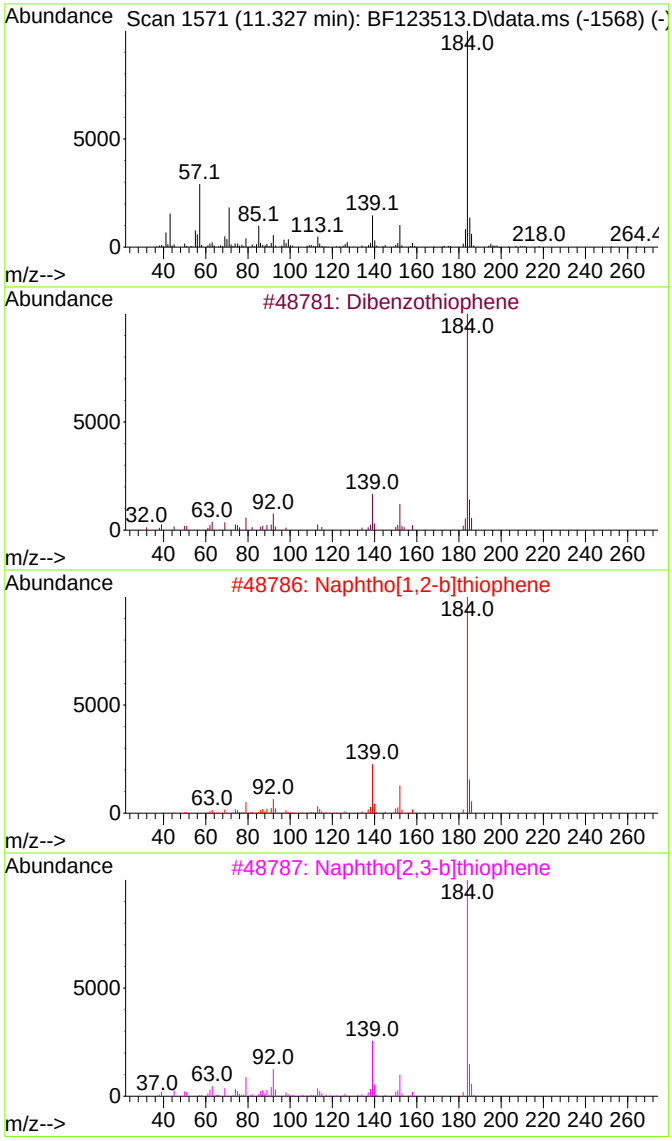
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

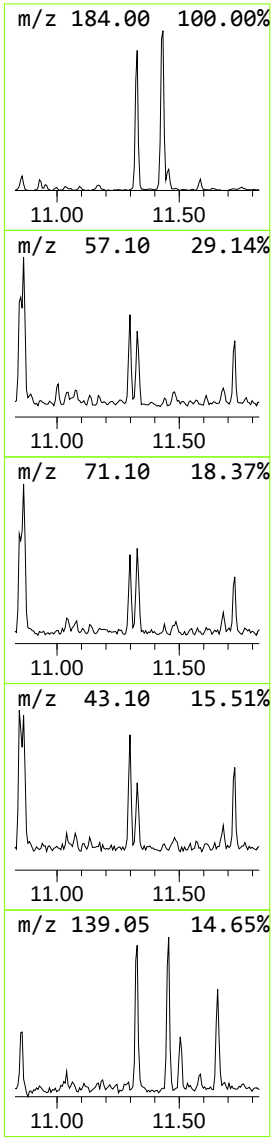
**********

Peak Number 5 Dibenzothiophene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.328 | 3.83 ng | 297923 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 2 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 91 |
| 3 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 91 |
| 4 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 87 |
| 5 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

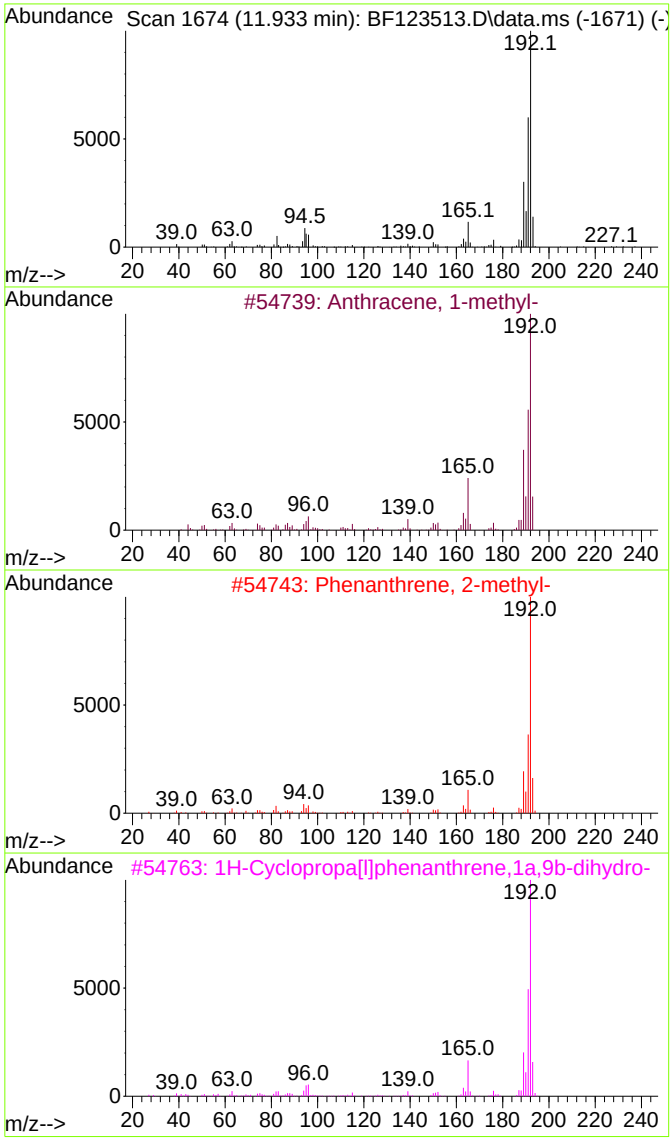
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

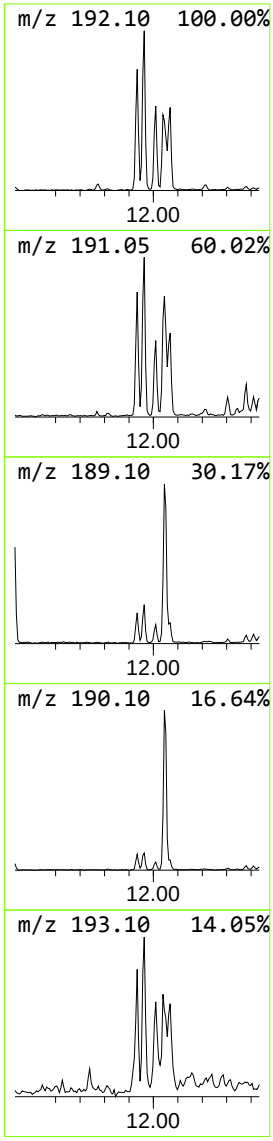
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.933 | 3.23 ng | 251663 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 94 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 91 |
| 5 | Phenanthrene, 3-methyl- | 192 | C15H12 | 000832-71-3 | 90 |



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Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

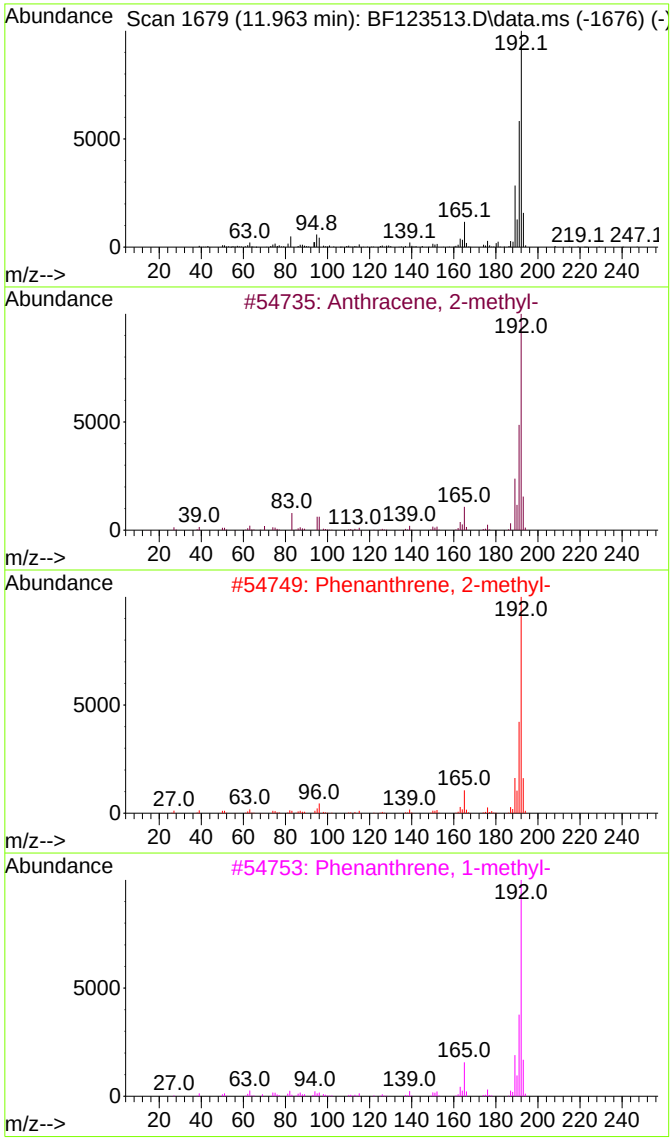
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

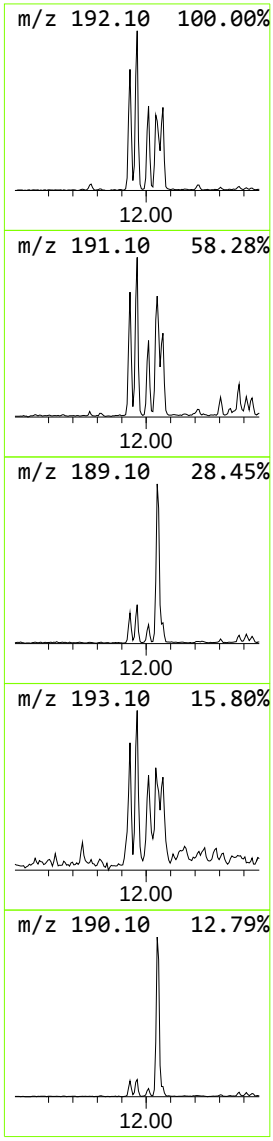
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.963 | 5.15 ng | 400499 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 91 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 91 |



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Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

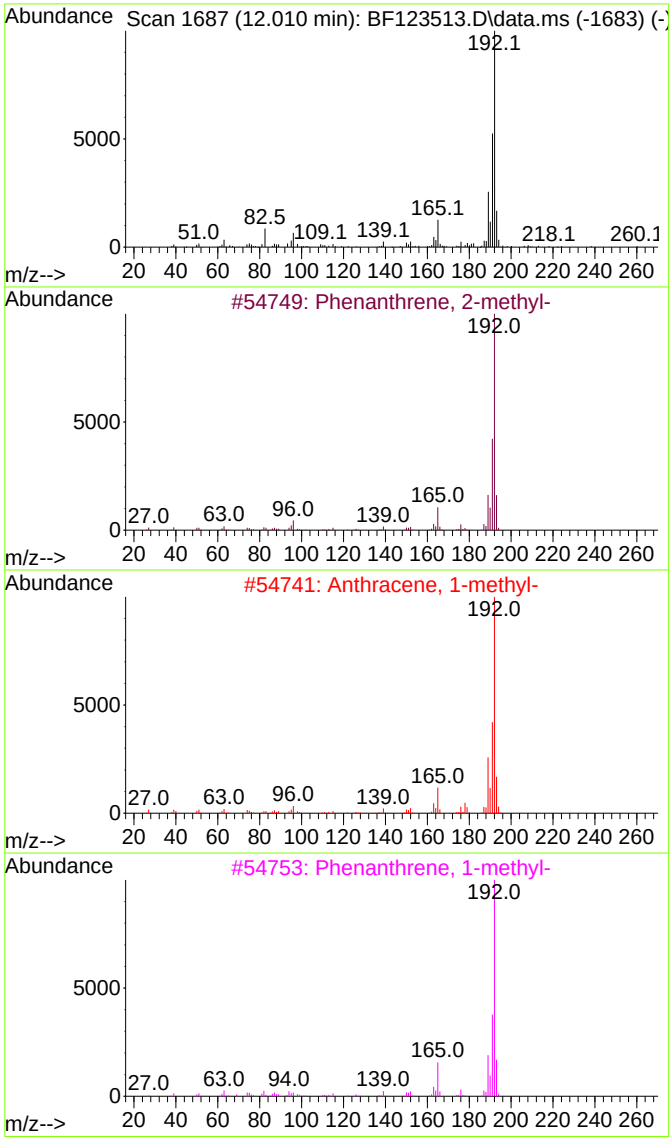
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

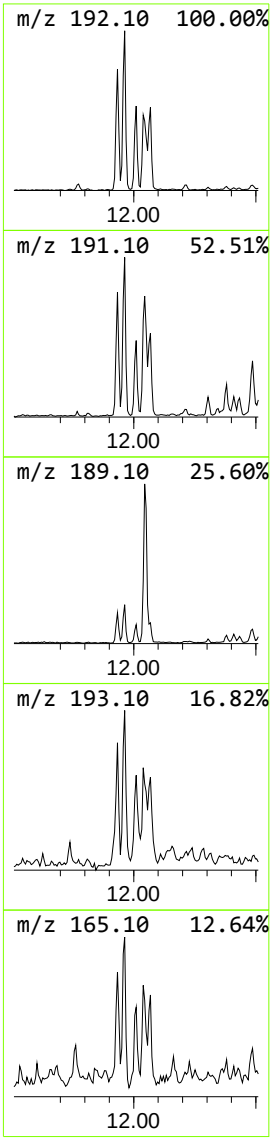
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.010 | 2.54 ng | 197258 | Phenanthrene-d10 | 11.433 |

| 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, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |



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Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

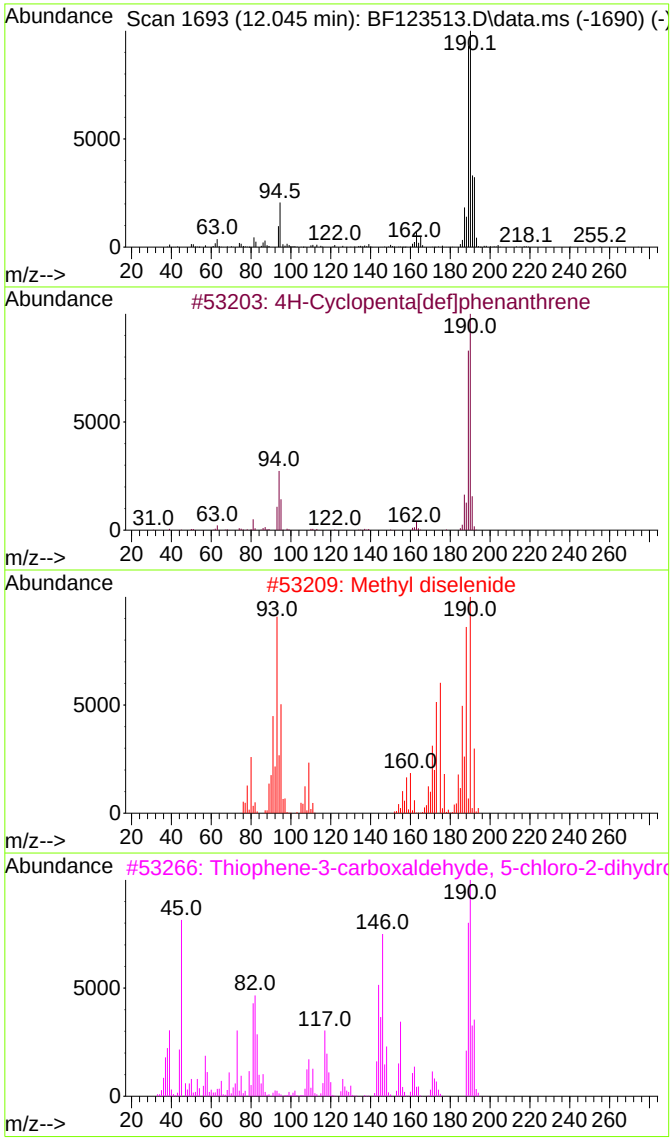
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

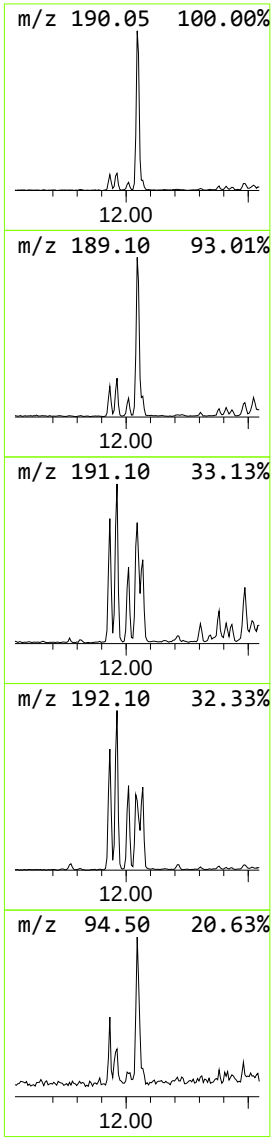
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.045 | 9.75 ng | 758947 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 93 |
| 2 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 55 |
| 3 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 52 |
| 4 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 50 |
| 5 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 45 |



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Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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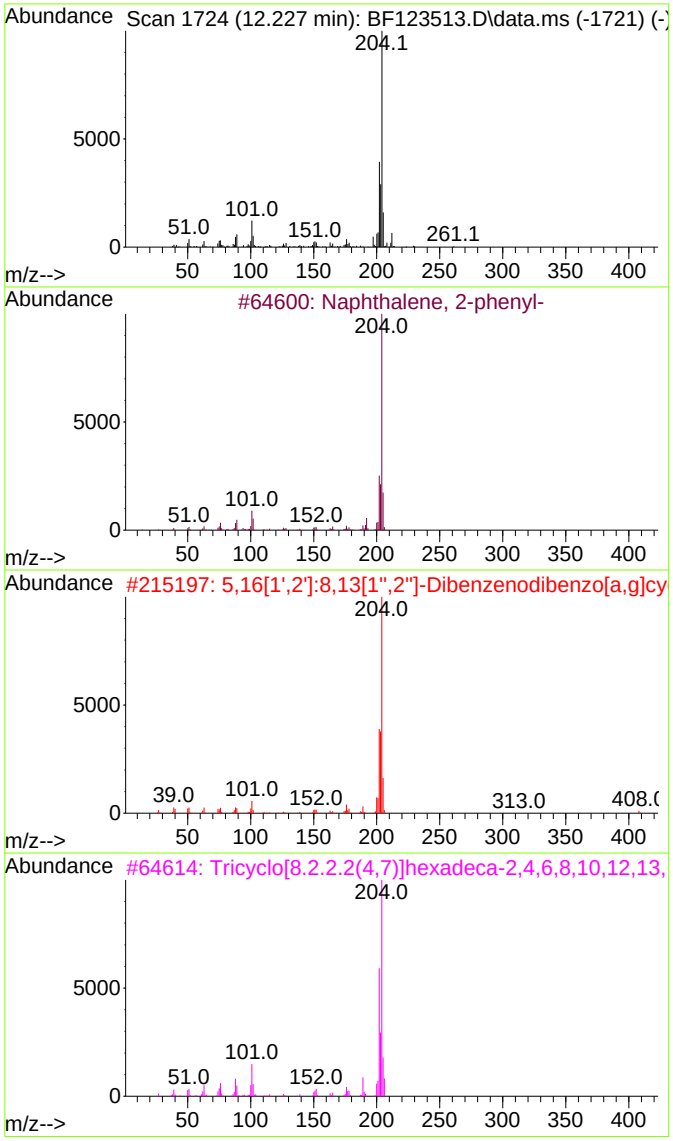
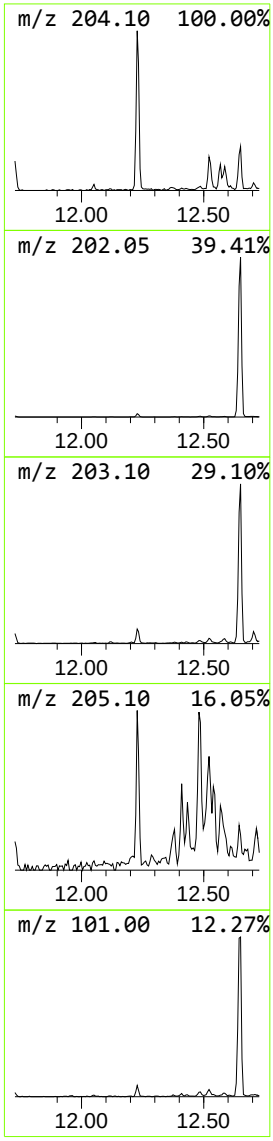
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.227 | 2.35 ng | 182619 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 86 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 86 |
| 3 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 58 |
| 4 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 53 |
| 5 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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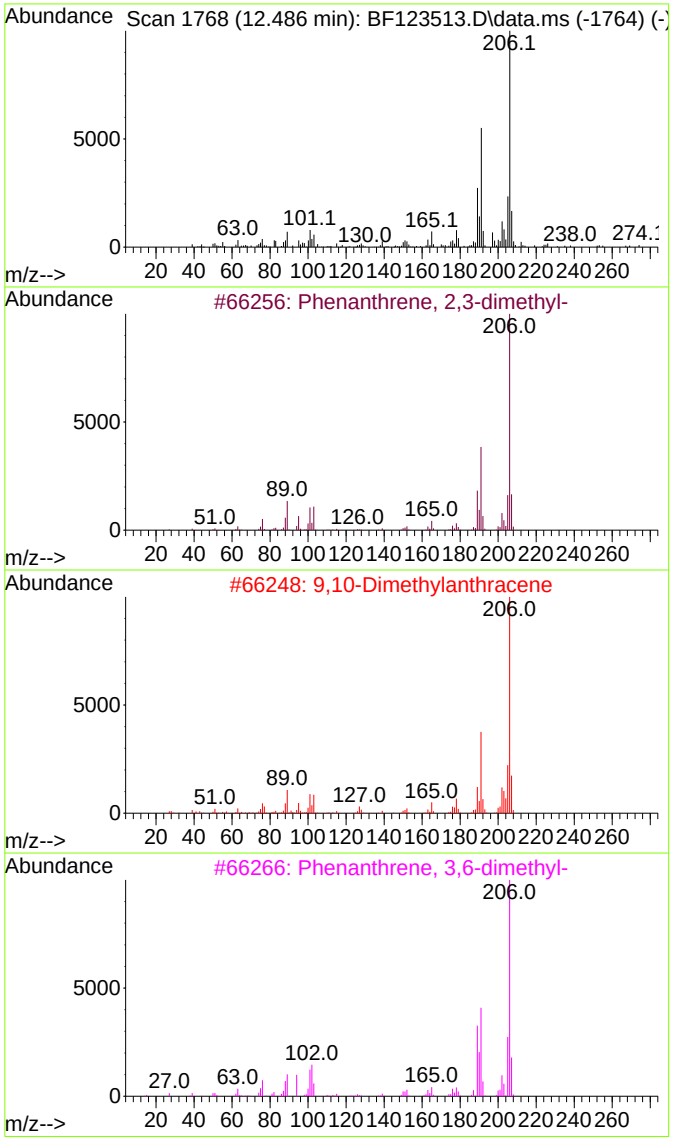
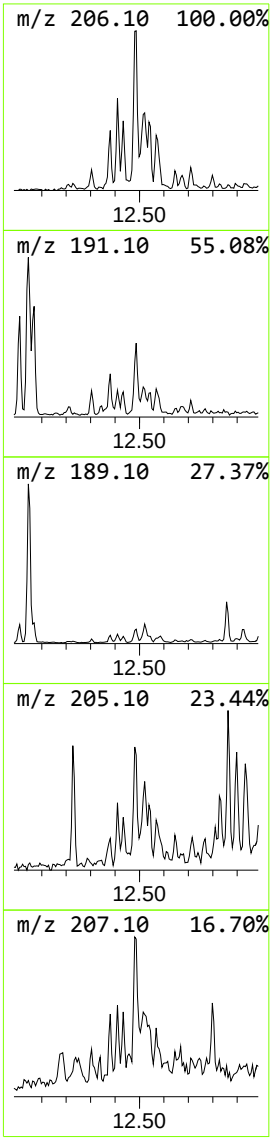
Peak Number 11 Phenanthrene, 2,3-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.486 | 2.92 ng | 227435 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 3 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |
| 4 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 90 |
| 5 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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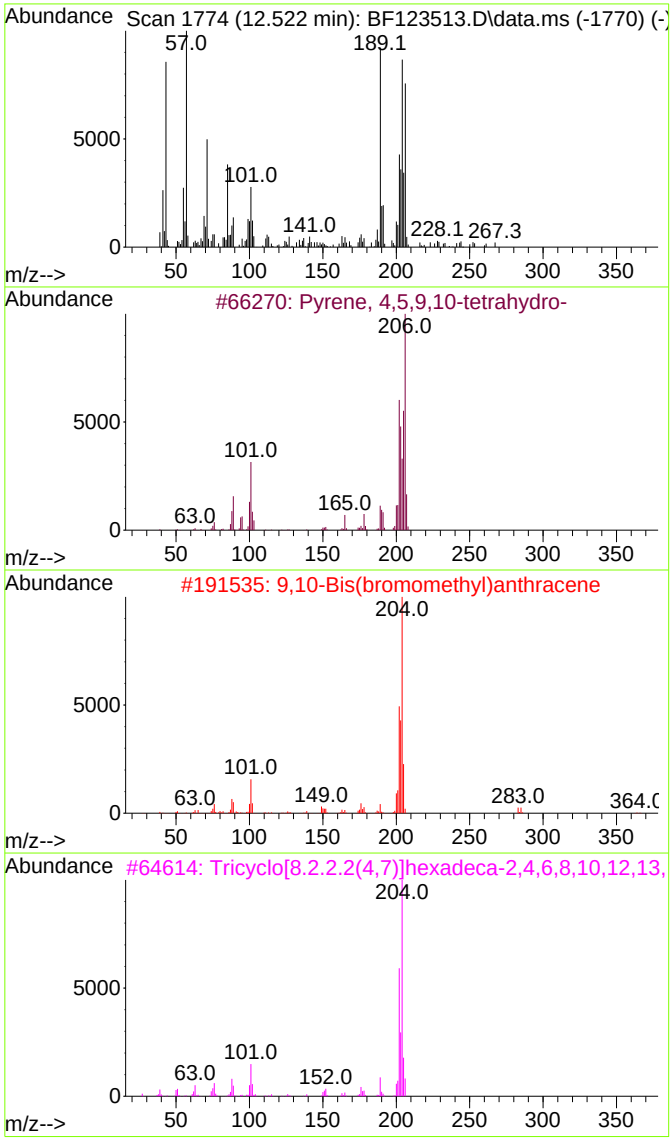
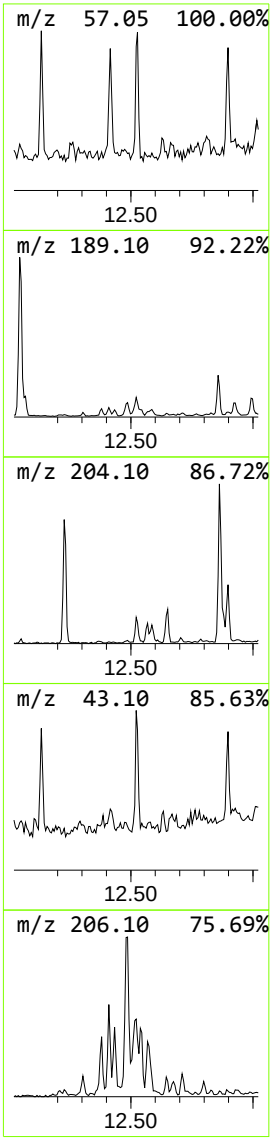
Peak Number 12 unknown12.522 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.522 | 3.49 ng | 271656 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 4,5,9,10-tetrahydro- | 206 | C16H14 | 000781-17-9 | 38 |
| 2 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 25 |
| 3 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 20 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 20 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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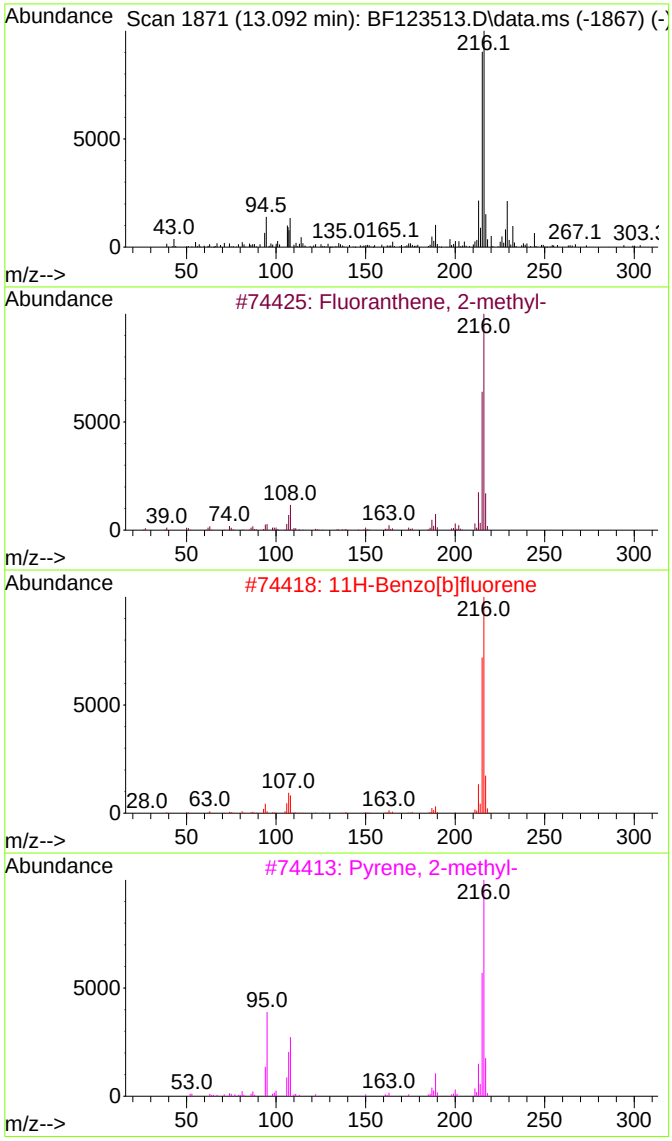
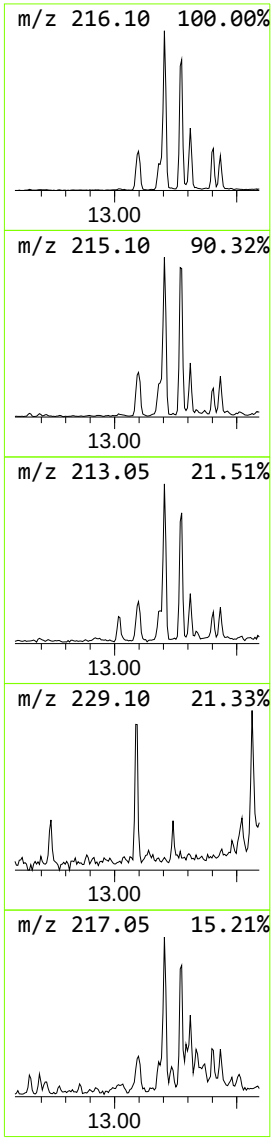
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.092 | 2.31 ng | 312855 | Chrysene-d12 | 14.080 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 87 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 81 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 78 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 74 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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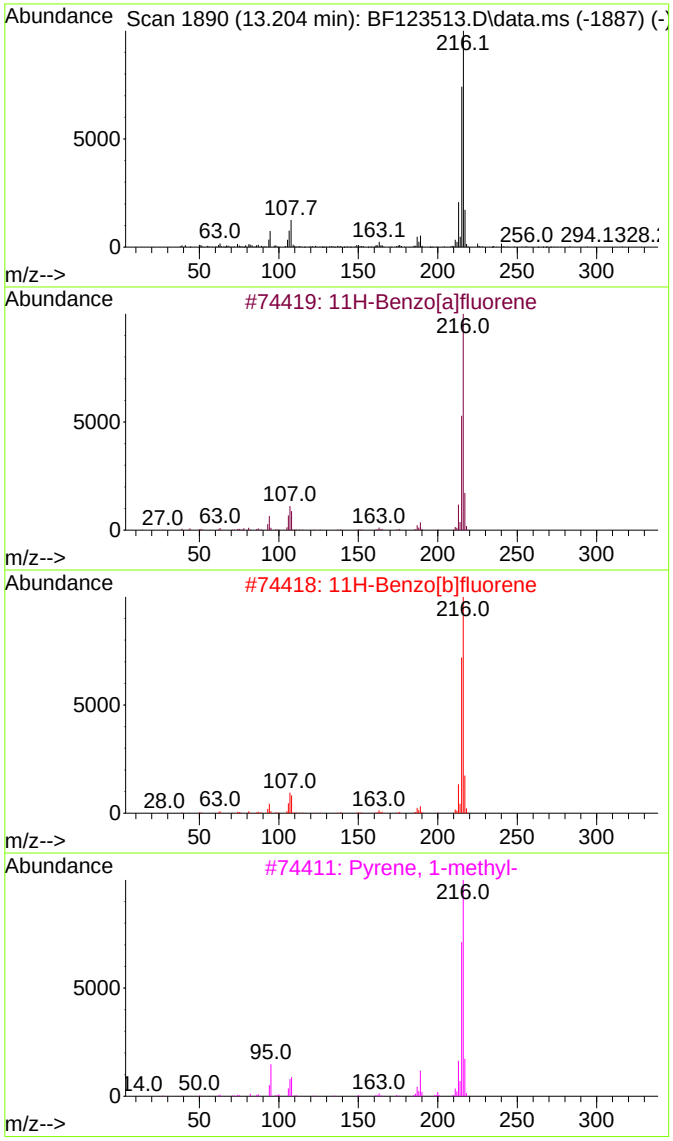
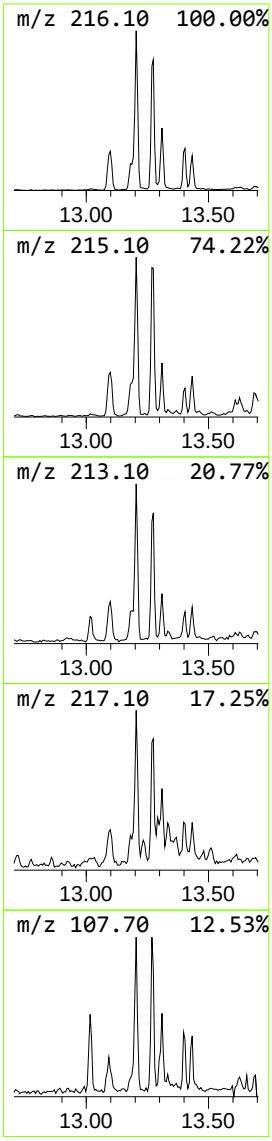
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.204 | 4.09 ng | 554420 | Chrysene-d12 | 14.080 |

| 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 | 93 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 81 |
| 5 | 1,3,5-Triazine-2,4,6-triamine, N... | 216 | C10H12N6 | 046731-79-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

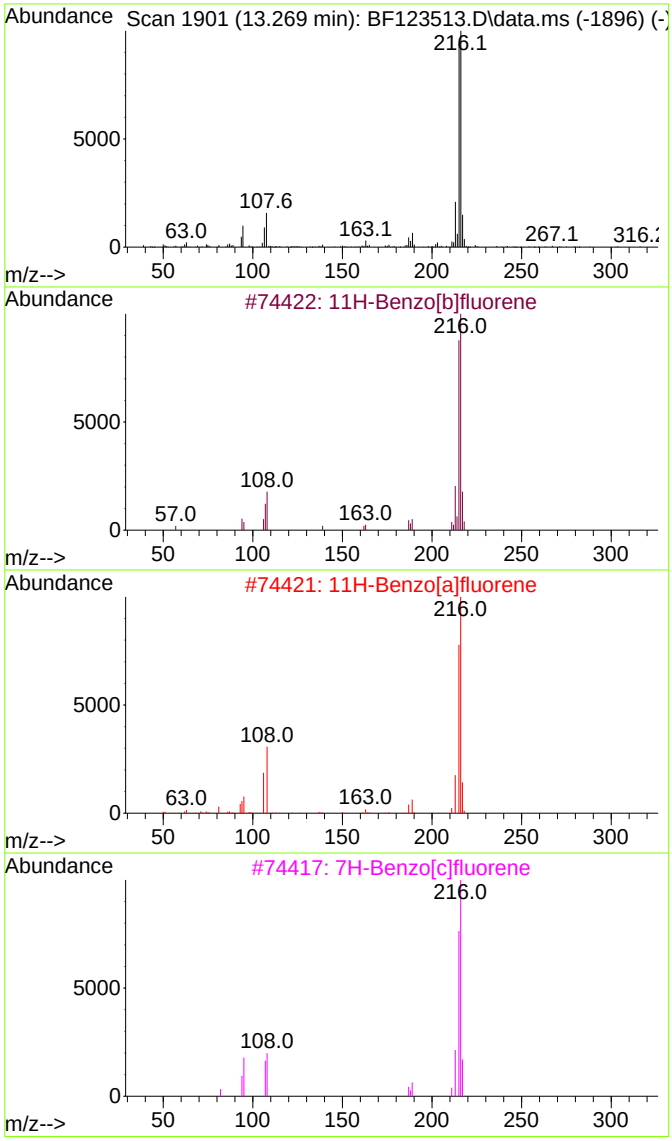
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

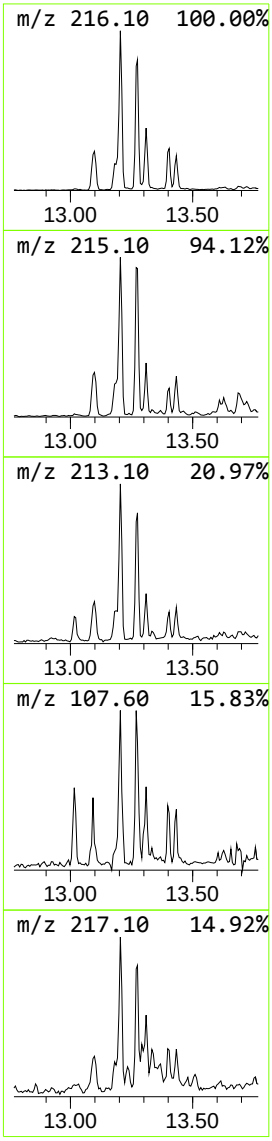
**********

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.269 | 4.14 ng | 561620 | Chrysene-d12 | 14.080 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 3 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 74 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 70 |
| 5 | Benzoic acid, 3-(3,5-dimethyl-1-... | 216 | C12H12N2O2 | 312531-88-7 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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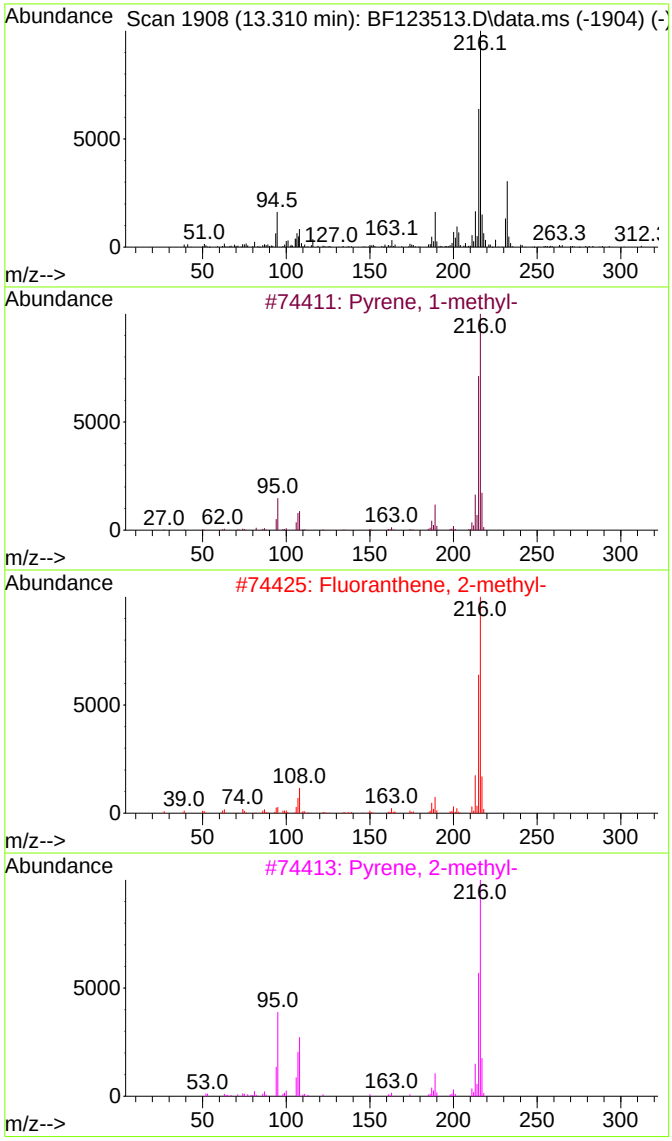
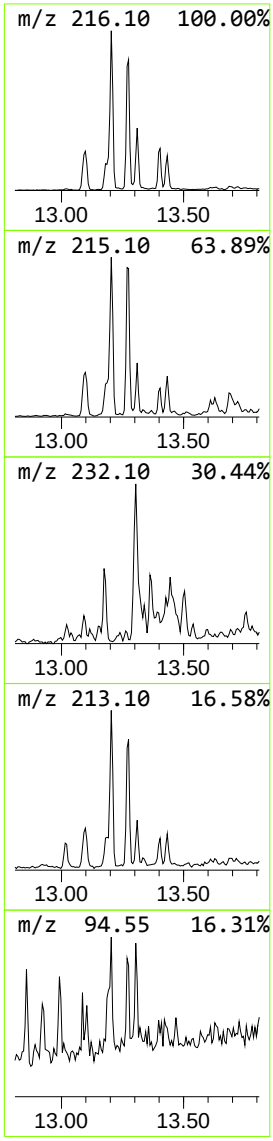
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.310 | 2.47 ng | 335231 | Chrysene-d12 | 14.080 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 86 |
| 4 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 60 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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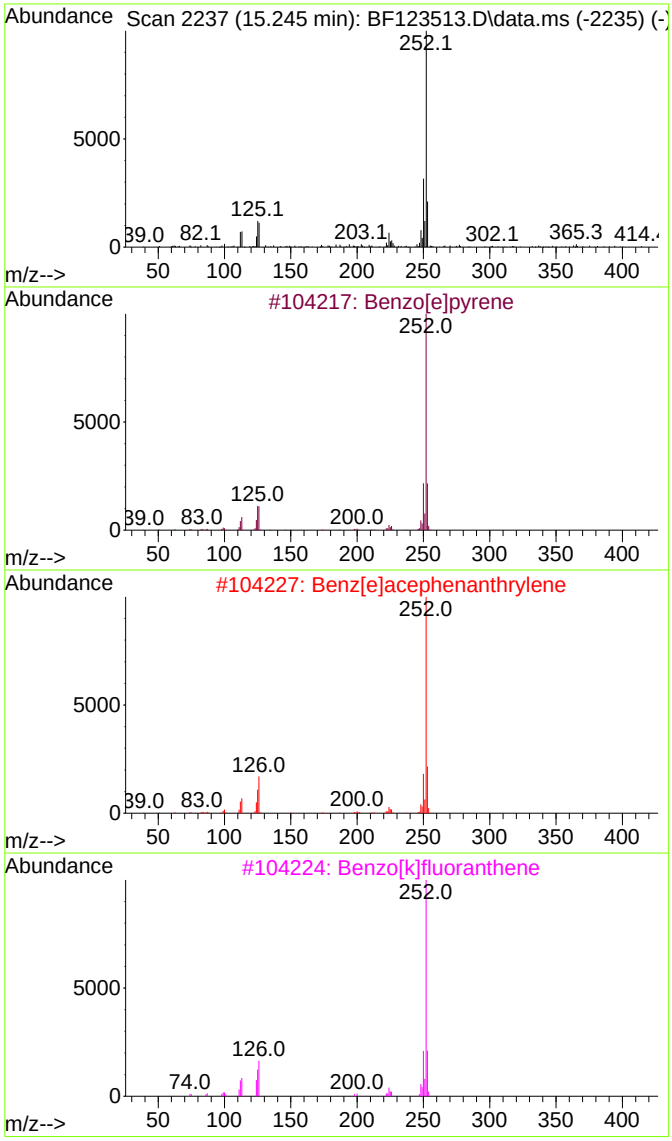
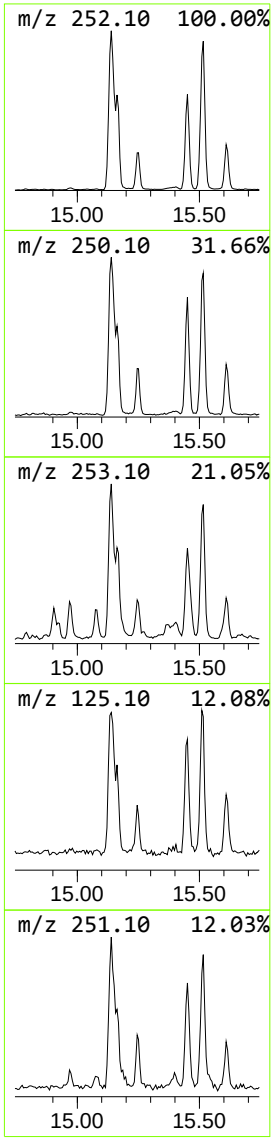
Peak Number 17 Benzo[e]pyrene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.245 | 3.87 ng | 267128 | Perylene-d12 | 15.580 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 94 |
| 2 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 90 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 89 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 81 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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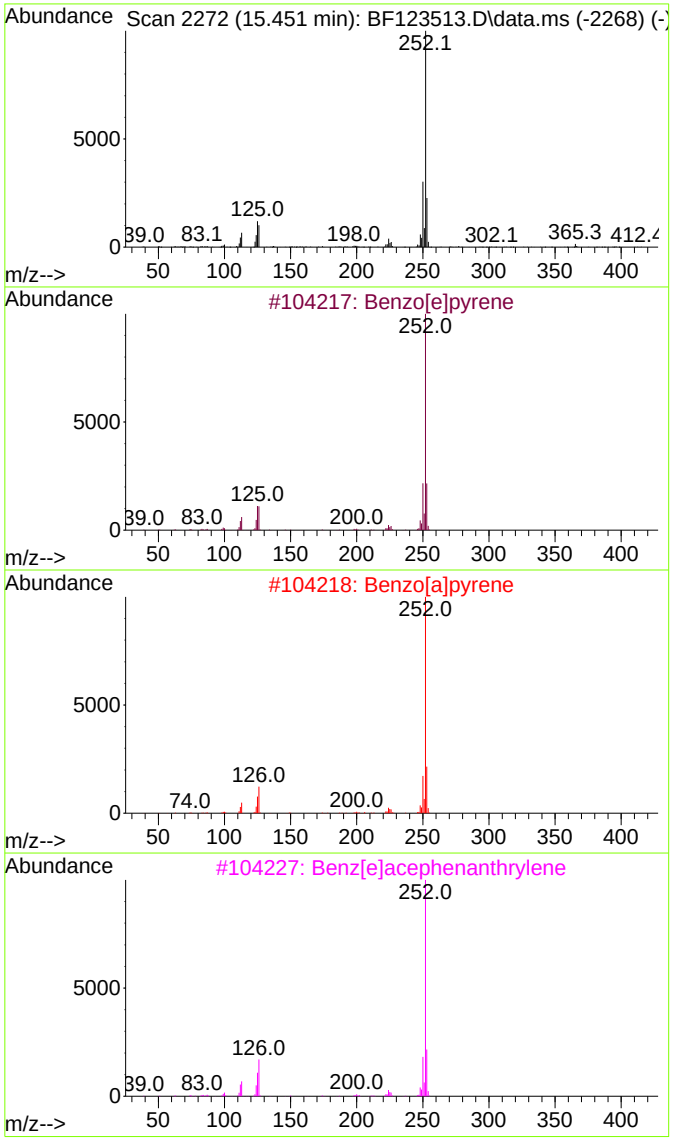
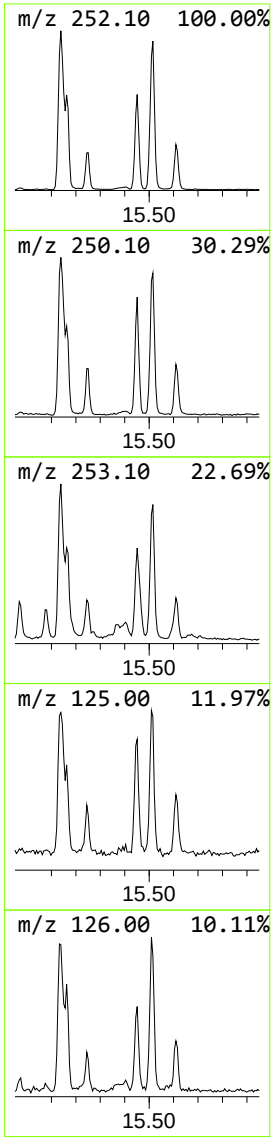
Peak Number 18 Perylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.451 | 11.78 ng | 812125 | Perylene-d12 | 15.580 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 97 |
| 3 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 96 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123513.D
Acq On : 30 Mar 2021 00:35
Operator : JU/CG
Sample : M1810-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 600486548-BIN-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.187 | 8.0 | ng | 592160 | 1 | 6.898 | 1473950 | 20.0 |
| Heneicosane | 9.339 | 2.0 | ng | 199309 | 3 | 9.939 | 1967620 | 20.0 |
| 3-Methyl-4-(met... | 10.851 | 3.0 | ng | 232236 | 4 | 11.433 | 1556050 | 20.0 |
| Pentadecane | 11.298 | 2.1 | ng | 161864 | 4 | 11.433 | 1556050 | 20.0 |
| Dibenzothiophene | 11.328 | 3.8 | ng | 297923 | 4 | 11.433 | 1556050 | 20.0 |
| Anthracene, 1-m... | 11.933 | 3.2 | ng | 251663 | 4 | 11.433 | 1556050 | 20.0 |
| Anthracene, 2-m... | 11.963 | 5.2 | ng | 400499 | 4 | 11.433 | 1556050 | 20.0 |
| Phenanthrene, 2... | 12.010 | 2.5 | ng | 197258 | 4 | 11.433 | 1556050 | 20.0 |
| 4H-Cyclopenta[d... | 12.045 | 9.8 | ng | 758947 | 4 | 11.433 | 1556050 | 20.0 |
| Naphthalene, 2-... | 12.227 | 2.4 | ng | 182619 | 4 | 11.433 | 1556050 | 20.0 |
| Phenanthrene, 2... | 12.486 | 2.9 | ng | 227435 | 4 | 11.433 | 1556050 | 20.0 |
| unknown12.522 | 12.522 | 3.5 | ng | 271656 | 4 | 11.433 | 1556050 | 20.0 |
| Fluoranthene, 2... | 13.092 | 2.3 | ng | 312855 | 5 | 14.080 | 2712180 | 20.0 |
| 11H-Benzo[a]flu... | 13.204 | 4.1 | ng | 554420 | 5 | 14.080 | 2712180 | 20.0 |
| 11H-Benzo[b]flu... | 13.269 | 4.1 | ng | 561620 | 5 | 14.080 | 2712180 | 20.0 |
| Pyrene, 1-methyl- | 13.310 | 2.5 | ng | 335231 | 5 | 14.080 | 2712180 | 20.0 |
| Benzo[e]pyrene | 15.245 | 3.9 | ng | 267128 | 6 | 15.580 | 1379360 | 20.0 |
| Perylene | 15.451 | 11.8 | ng | 812125 | 6 | 15.580 | 1379360 | 20.0 |