LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

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-BF110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.228 | 18 | 24 | 38 | rVB | 1540169 | 2120451 | 27.34% | 2.042% |
| 2 | 5.151 | 512 | 521 | 529 | rBV | 1260597 | 1482220 | 19.11% | 1.427% |
| 3 | 5.545 | 583 | 588 | 591 | rBV | 6222178 | 6327496 | 81.59% | 6.093% |
| 4 | 6.551 | 753 | 759 | 763 | rBV | 6563202 | 6871104 | 88.60% | 6.616% |
| 5 | 6.704 | 780 | 785 | 788 | rBV | 6696901 | 6814672 | 87.88% | 6.562% |
| 6 | 6.934 | 820 | 824 | 827 | rBV | 2388109 | 1854615 | 23.92% | 1.786% |
| 7 | 7.092 | 847 | 851 | 854 | rBV | 6292565 | 5311603 | 68.49% | 5.115% |
| 8 | 7.492 | 914 | 919 | 922 | rBV | 4500769 | 4270756 | 55.07% | 4.112% |
| 9 | 8.222 | 1039 | 1043 | 1046 | rBV | 2806672 | 2443223 | 31.51% | 2.353% |
| 10 | 9.298 | 1221 | 1226 | 1229 | rBV | 8696486 | 7754931 | 100.00% | 7.467% |
| 11 | 9.686 | 1289 | 1292 | 1296 | rVB | 1019585 | 789749 | 10.18% | 0.760% |
| 12 | 9.980 | 1338 | 1342 | 1345 | rBV | 3411609 | 2747380 | 35.43% | 2.645% |
| 13 | 10.010 | 1345 | 1347 | 1350 | rVB | 211519 | 172211 | 2.22% | 0.166% |
| 14 | 10.527 | 1431 | 1435 | 1440 | rBV | 168963 | 156974 | 2.02% | 0.151% |
| 15 | 10.769 | 1471 | 1476 | 1479 | rBV | 5584971 | 4973848 | 64.14% | 4.789% |
| 16 | 10.869 | 1488 | 1493 | 1495 | rBV | 171692 | 168895 | 2.18% | 0.163% |
| 17 | 10.892 | 1495 | 1497 | 1504 | rVB4 | 99042 | 127505 | 1.64% | 0.123% |
| 18 | 11.080 | 1518 | 1529 | 1531 | rBV5 | 109209 | 239243 | 3.09% | 0.230% |
| 19 | 11.104 | 1531 | 1533 | 1537 | rBV2 | 97673 | 101898 | 1.31% | 0.098% |
| 20 | 11.269 | 1558 | 1561 | 1566 | rVB | 101913 | 110392 | 1.42% | 0.106% |
| 21 | 11.333 | 1566 | 1572 | 1575 | rBV4 | 224969 | 262390 | 3.38% | 0.253% |
| 22 | 11.369 | 1575 | 1578 | 1585 | rVB | 234553 | 224406 | 2.89% | 0.216% |
| 23 | 11.474 | 1592 | 1596 | 1598 | rBV | 2952419 | 2922511 | 37.69% | 2.814% |
| 24 | 11.498 | 1598 | 1600 | 1603 | rVV | 2881821 | 2158240 | 27.83% | 2.078% |
| 25 | 11.545 | 1603 | 1608 | 1611 | rVV | 450880 | 457278 | 5.90% | 0.440% |
| 26 | 11.698 | 1631 | 1634 | 1636 | rBV2 | 79216 | 84456 | 1.09% | 0.081% |
| 27 | 11.804 | 1649 | 1652 | 1654 | rVB | 240618 | 189338 | 2.44% | 0.182% |
| 28 | 11.886 | 1663 | 1666 | 1669 | rVB | 147393 | 147452 | 1.90% | 0.142% |
| 29 | 11.974 | 1678 | 1681 | 1683 | rBV | 1044952 | 905324 | 11.67% | 0.872% |
| 30 | 11.998 | 1683 | 1685 | 1689 | rVV2 | 1558264 | 1621118 | 20.90% | 1.561% |
| 31 | 12.051 | 1689 | 1694 | 1696 | rVV2 | 239496 | 289984 | 3.74% | 0.279% |
| 32 | 12.086 | 1696 | 1700 | 1702 | rVV2 | 1091708 | 1161266 | 14.97% | 1.118% |
| 33 | 12.110 | 1702 | 1704 | 1708 | rVB | 763163 | 605590 | 7.81% | 0.583% |
| 34 | 12.210 | 1718 | 1721 | 1723 | rVB2 | 109136 | 93262 | 1.20% | 0.090% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

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-BF110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.268 | 1725 | 1731 | 1733 | rVV | 402601 | 449985 | 5.80% | 0.433% |
| 36 | 12.292 | 1733 | 1735 | 1742 | rVB3 | 363714 | 363375 | 4.69% | 0.350% |
| 37 | 12.345 | 1742 | 1744 | 1747 | rBV | 158257 | 136729 | 1.76% | 0.132% |
| 38 | 12.421 | 1755 | 1757 | 1760 | rVB | 296060 | 207558 | 2.68% | 0.200% |
| 39 | 12.451 | 1760 | 1762 | 1764 | rVV | 215031 | 151555 | 1.95% | 0.146% |
| 40 | 12.474 | 1764 | 1766 | 1769 | rVB | 191165 | 147152 | 1.90% | 0.142% |
| 41 | 12.527 | 1771 | 1775 | 1778 | rBV | 590493 | 592432 | 7.64% | 0.570% |
| 42 | 12.563 | 1778 | 1781 | 1783 | rVV2 | 367952 | 401860 | 5.18% | 0.387% |
| 43 | 12.580 | 1783 | 1784 | 1786 | rVV | 149996 | 102258 | 1.32% | 0.098% |
| 44 | 12.610 | 1786 | 1789 | 1794 | rVB2 | 358859 | 384820 | 4.96% | 0.371% |
| 45 | 12.692 | 1799 | 1803 | 1806 | rVB | 2099779 | 1928067 | 24.86% | 1.857% |
| 46 | 12.733 | 1807 | 1810 | 1812 | rBV | 92320 | 82658 | 1.07% | 0.080% |
| 47 | 12.780 | 1816 | 1818 | 1821 | rBV2 | 221985 | 191895 | 2.47% | 0.185% |
| 48 | 12.815 | 1821 | 1824 | 1826 | rVB2 | 177254 | 161775 | 2.09% | 0.156% |
| 49 | 12.845 | 1826 | 1829 | 1831 | rBV3 | 92053 | 85718 | 1.11% | 0.083% |
| 50 | 12.921 | 1836 | 1842 | 1847 | rBV | 3084869 | 3191726 | 41.16% | 3.073% |
| 51 | 12.974 | 1847 | 1851 | 1855 | rVB3 | 165554 | 252385 | 3.25% | 0.243% |
| 52 | 13.033 | 1855 | 1861 | 1862 | rBV3 | 106748 | 136984 | 1.77% | 0.132% |
| 53 | 13.063 | 1862 | 1866 | 1869 | rBV | 7333576 | 6889161 | 88.84% | 6.634% |
| 54 | 13.133 | 1875 | 1878 | 1886 | rVB | 366862 | 541872 | 6.99% | 0.522% |
| 55 | 13.227 | 1890 | 1894 | 1895 | rVV2 | 285064 | 354793 | 4.58% | 0.342% |
| 56 | 13.245 | 1895 | 1897 | 1900 | rVB | 514581 | 455021 | 5.87% | 0.438% |
| 57 | 13.315 | 1906 | 1909 | 1912 | rVB | 340031 | 285620 | 3.68% | 0.275% |
| 58 | 13.351 | 1912 | 1915 | 1918 | rBV | 590519 | 538408 | 6.94% | 0.518% |
| 59 | 13.380 | 1918 | 1920 | 1923 | rVB | 225553 | 187694 | 2.42% | 0.181% |
| 60 | 13.445 | 1928 | 1931 | 1933 | rVV | 436690 | 347009 | 4.47% | 0.334% |
| 61 | 13.474 | 1933 | 1936 | 1939 | rVB | 451742 | 380771 | 4.91% | 0.367% |
| 62 | 13.639 | 1959 | 1964 | 1967 | rBV4 | 128947 | 236455 | 3.05% | 0.228% |
| 63 | 13.751 | 1977 | 1983 | 1988 | rBV2 | 327833 | 445742 | 5.75% | 0.429% |
| 64 | 13.868 | 1998 | 2003 | 2006 | rBV2 | 267838 | 438133 | 5.65% | 0.422% |
| 65 | 13.898 | 2006 | 2008 | 2010 | rVB | 251775 | 197450 | 2.55% | 0.190% |
| 66 | 13.957 | 2015 | 2018 | 2024 | rVB2 | 1424532 | 1332156 | 17.18% | 1.283% |
| 67 | 14.115 | 2040 | 2045 | 2048 | rBV2 | 2544941 | 3626001 | 46.76% | 3.492% |
| 68 | 14.145 | 2048 | 2050 | 2057 | rVB | 1431795 | 1240558 | 16.00% | 1.195% |
| 69 | 14.280 | 2070 | 2073 | 2080 | rVB5 | 167339 | 270596 | 3.49% | 0.261% |
| 70 | 14.468 | 2102 | 2105 | 2107 | rBV | 152116 | 137705 | 1.78% | 0.133% |
| 71 | 14.504 | 2107 | 2111 | 2115 | rVV | 495085 | 635346 | 8.19% | 0.612% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

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-BF110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 14.539 | 2115 | 2117 | 2120 | rVV2 | 361506 | 315619 | 4.07% | 0.304% |
| 73 | 14.592 | 2120 | 2126 | 2130 | rVV4 | 333664 | 562309 | 7.25% | 0.541% |
| 74 | 14.633 | 2130 | 2133 | 2135 | rVV | 238411 | 253737 | 3.27% | 0.244% |
| 75 | 14.657 | 2135 | 2137 | 2140 | rVV2 | 208665 | 192865 | 2.49% | 0.186% |
| 76 | 14.704 | 2141 | 2145 | 2149 | rVB2 | 111225 | 176993 | 2.28% | 0.170% |
| 77 | 14.809 | 2161 | 2163 | 2167 | rBV | 89244 | 105153 | 1.36% | 0.101% |
| 78 | 14.909 | 2177 | 2180 | 2183 | rBV3 | 166278 | 199484 | 2.57% | 0.192% |
| 79 | 14.992 | 2190 | 2194 | 2197 | rBV | 499197 | 499785 | 6.44% | 0.481% |
| 80 | 15.080 | 2207 | 2209 | 2215 | rVB2 | 108837 | 113105 | 1.46% | 0.109% |
| 81 | 15.180 | 2221 | 2226 | 2230 | rBV2 | 803091 | 1379199 | 17.78% | 1.328% |
| 82 | 15.268 | 2237 | 2241 | 2243 | rBV2 | 129402 | 163792 | 2.11% | 0.158% |
| 83 | 15.292 | 2243 | 2245 | 2249 | rVB | 170468 | 158990 | 2.05% | 0.153% |
| 84 | 15.498 | 2276 | 2280 | 2286 | rVB | 605064 | 734603 | 9.47% | 0.707% |
| 85 | 15.562 | 2286 | 2291 | 2296 | rVB | 734299 | 887742 | 11.45% | 0.855% |
| 86 | 15.633 | 2297 | 2303 | 2306 | rBV | 1914883 | 2478431 | 31.96% | 2.387% |
| 87 | 15.662 | 2306 | 2308 | 2314 | rVB3 | 254693 | 401888 | 5.18% | 0.387% |
| 88 | 15.962 | 2356 | 2359 | 2363 | rBV | 82705 | 106097 | 1.37% | 0.102% |
| 89 | 16.003 | 2363 | 2366 | 2376 | rVB2 | 96983 | 168793 | 2.18% | 0.163% |
| 90 | 16.133 | 2384 | 2388 | 2392 | rBV2 | 137906 | 220543 | 2.84% | 0.212% |
| 91 | 16.180 | 2392 | 2396 | 2399 | rBV3 | 168825 | 228079 | 2.94% | 0.220% |
| 92 | 17.156 | 2556 | 2562 | 2570 | rVB2 | 268246 | 545299 | 7.03% | 0.525% |
| 93 | 17.615 | 2635 | 2640 | 2651 | rVB | 224798 | 487438 | 6.29% | 0.469% |

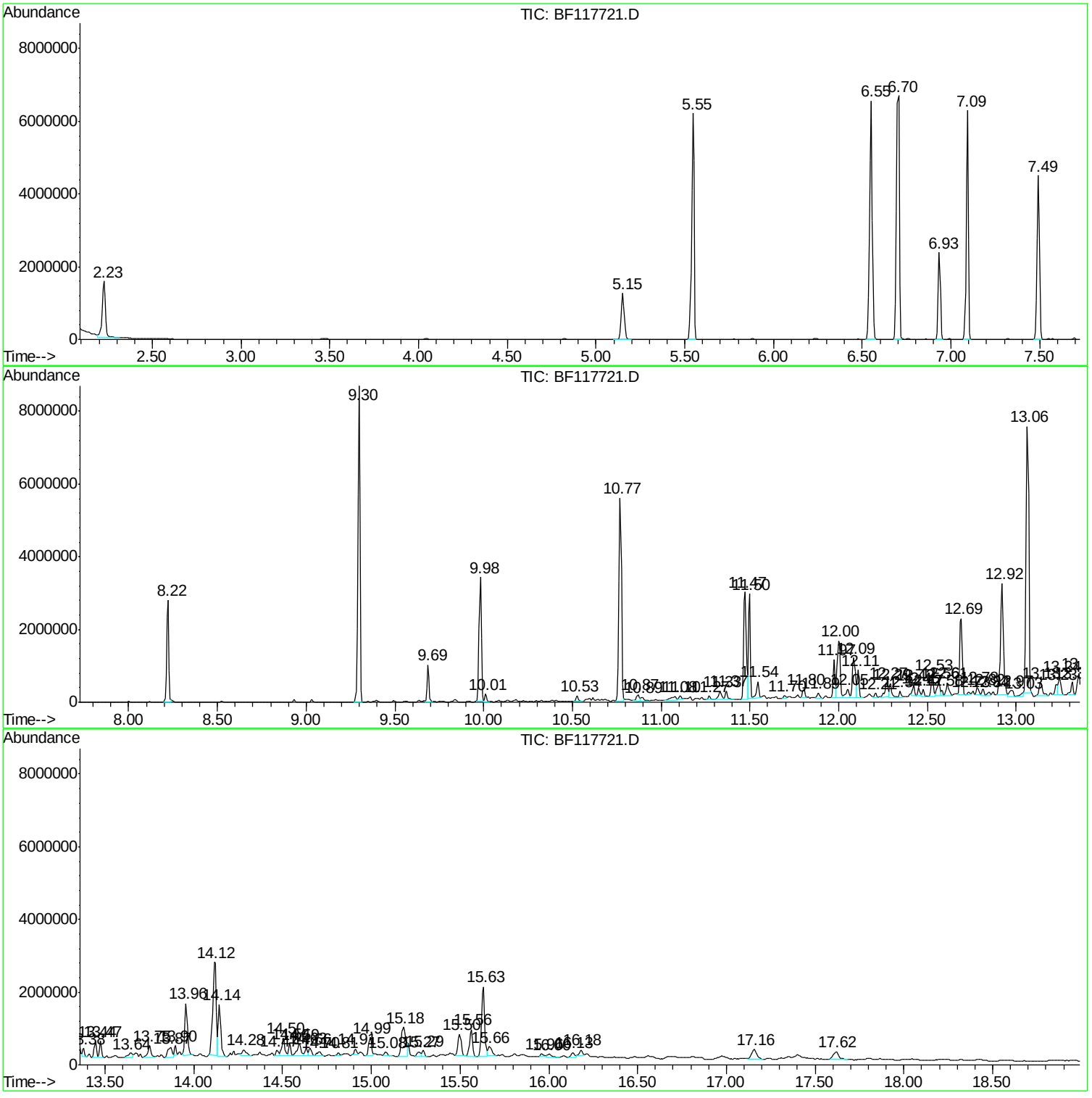
Sum of corrected areas: 103851148

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

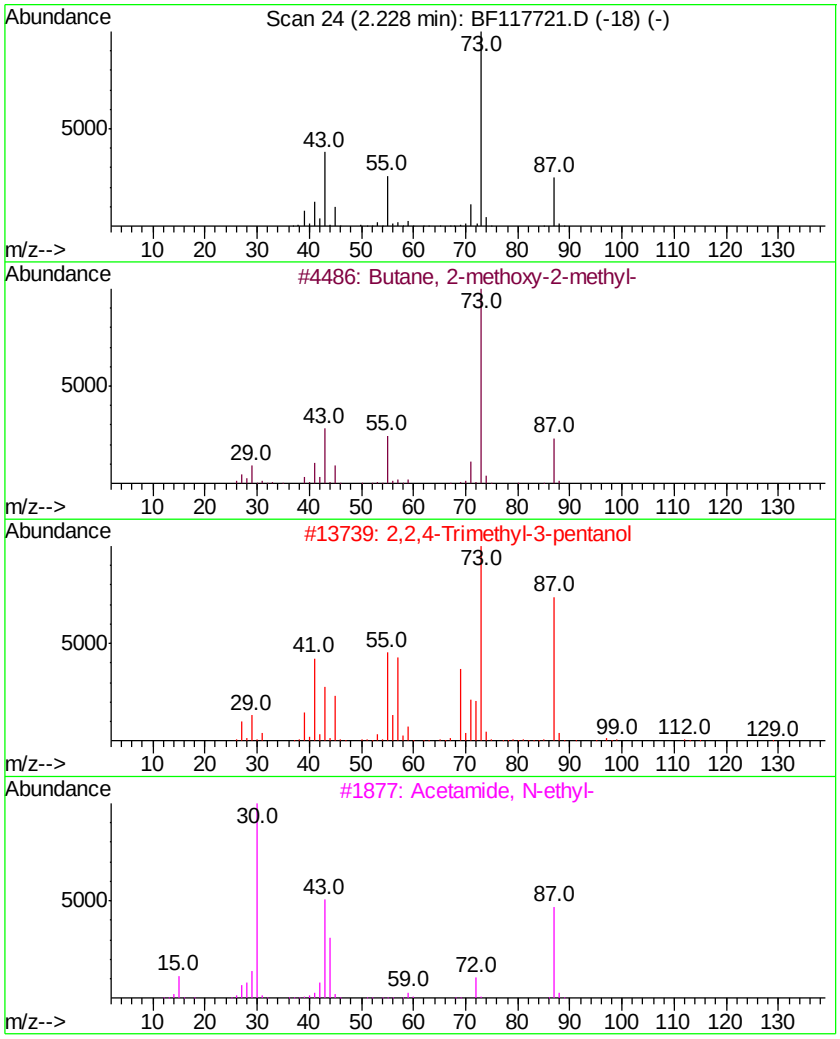
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

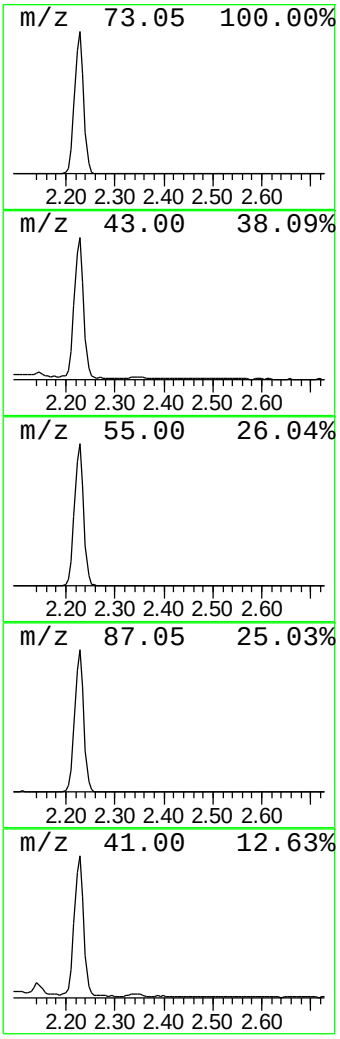
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.23 | 22.87 ng | 2120450 | 1,4-Dichlorobenzene-d4 | 6.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 27 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

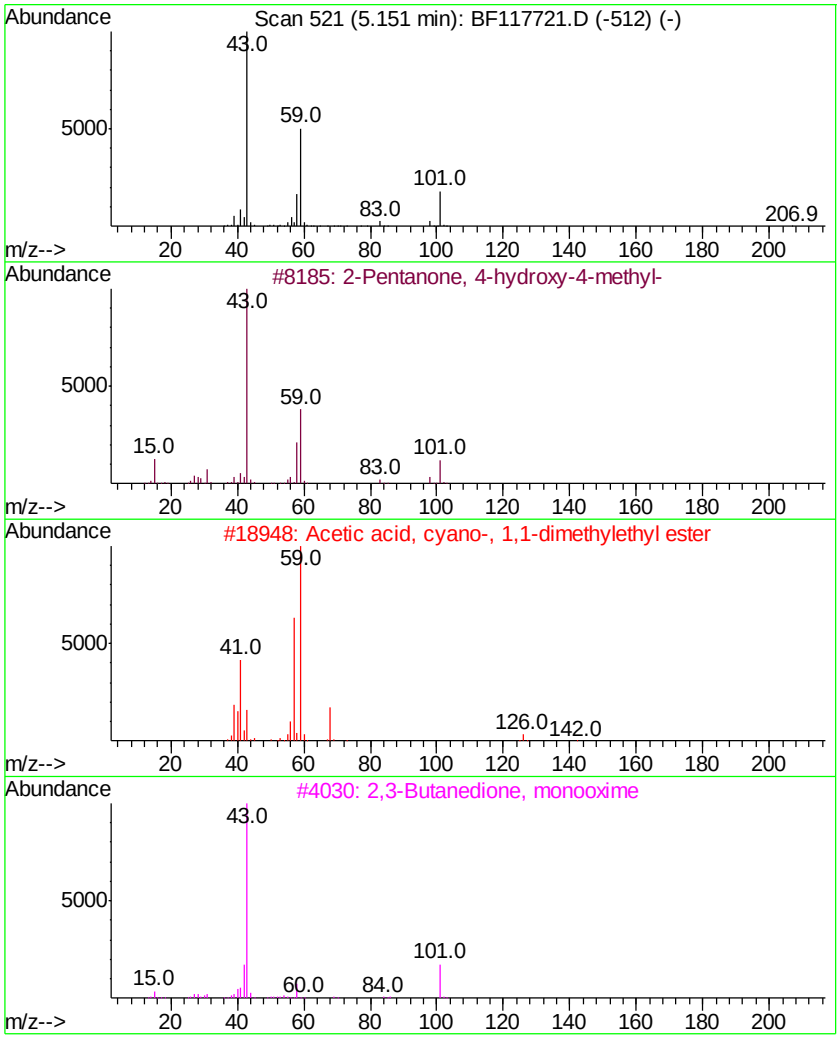
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

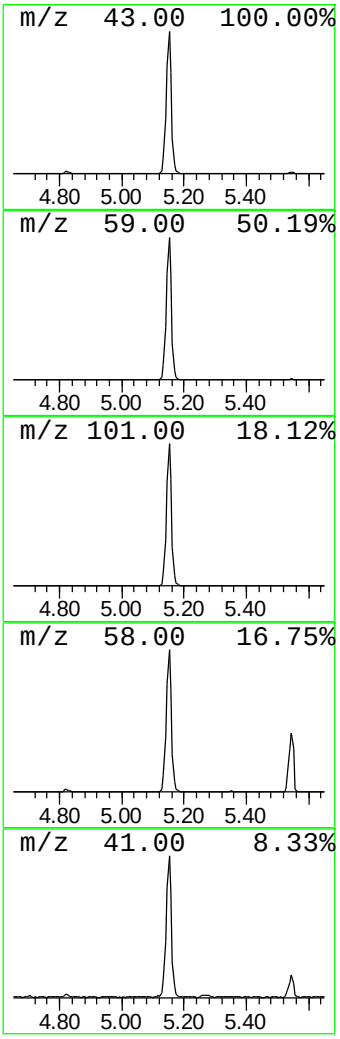
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.15 | 15.98 ng | 1482220 | 1,4-Dichlorobenzene-d4 | 6.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

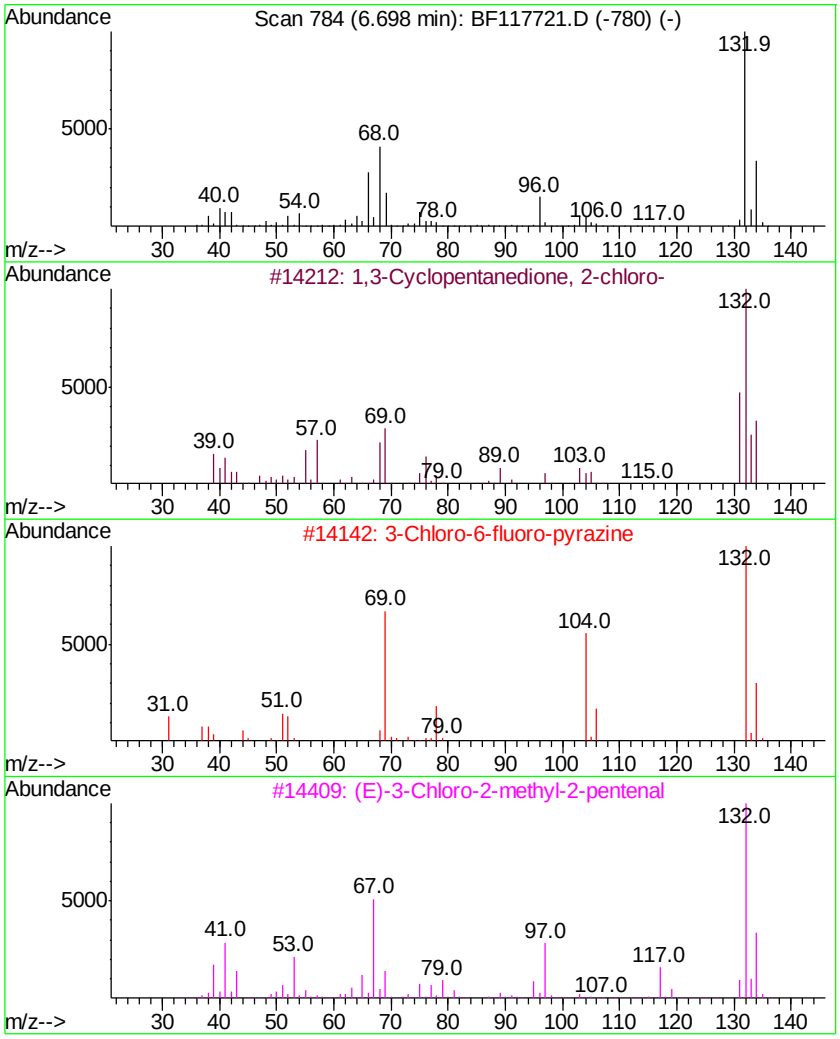
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

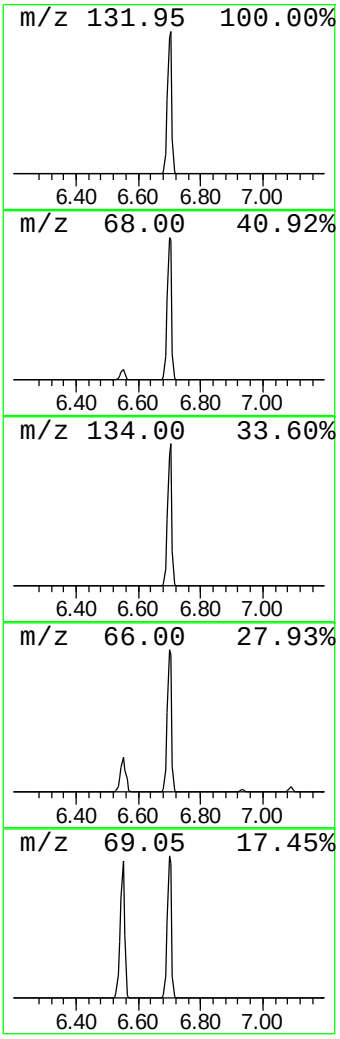
**********

Peak Number 3 unknown6.70 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.70 | 73.49 ng | 6814670 | 1,4-Dichlorobenzene-d4 | 6.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2 | 014203-19-1 | 47 |
| 2 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 3 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 16 |
| 4 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 16 |
| 5 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

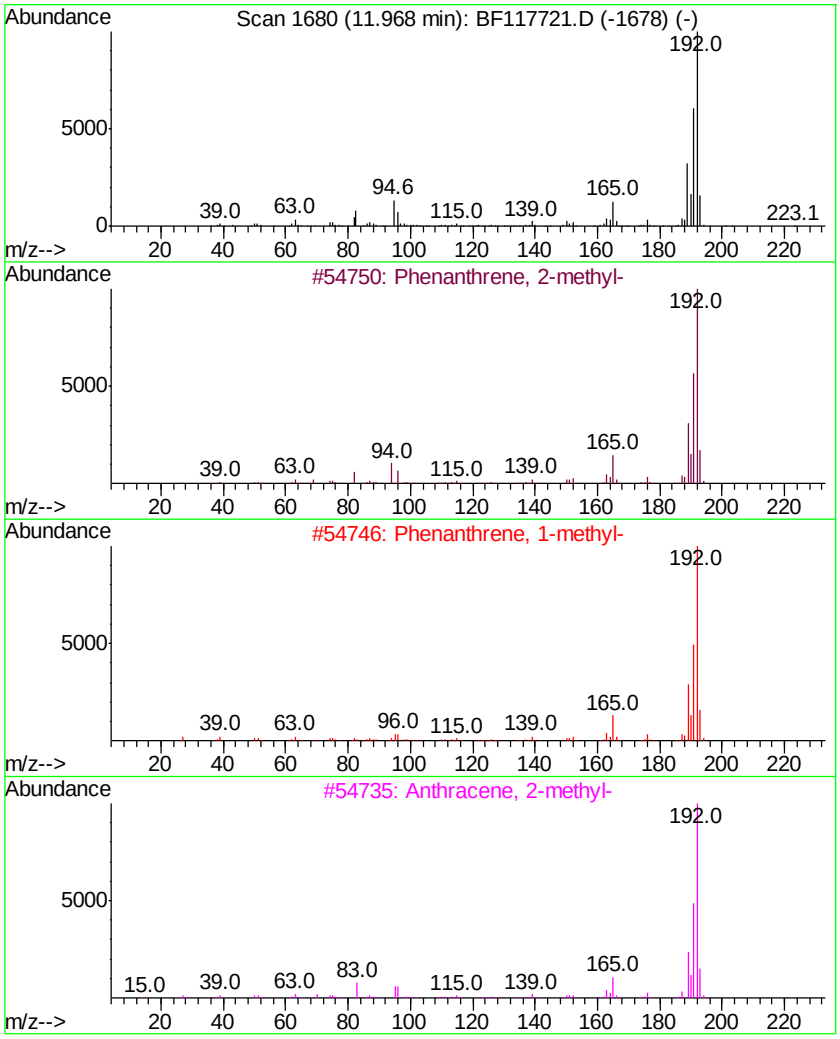
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

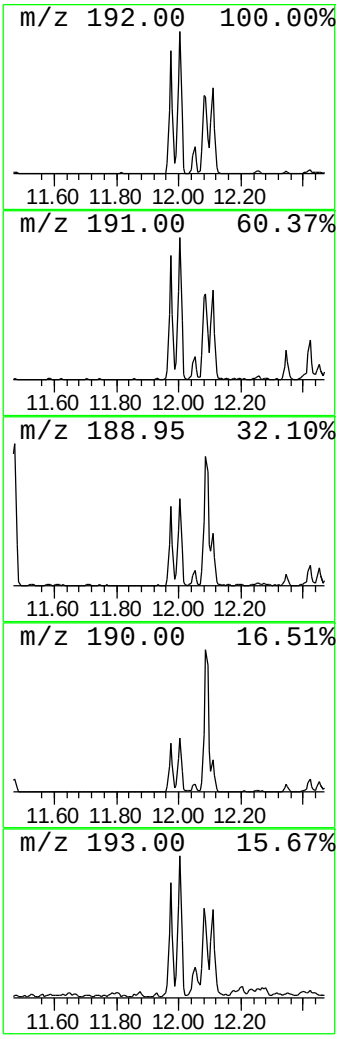
**********

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.97 | 6.20 ng | 905324 | Phenanthrene-d10 | 11.47 |

| 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 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 95 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

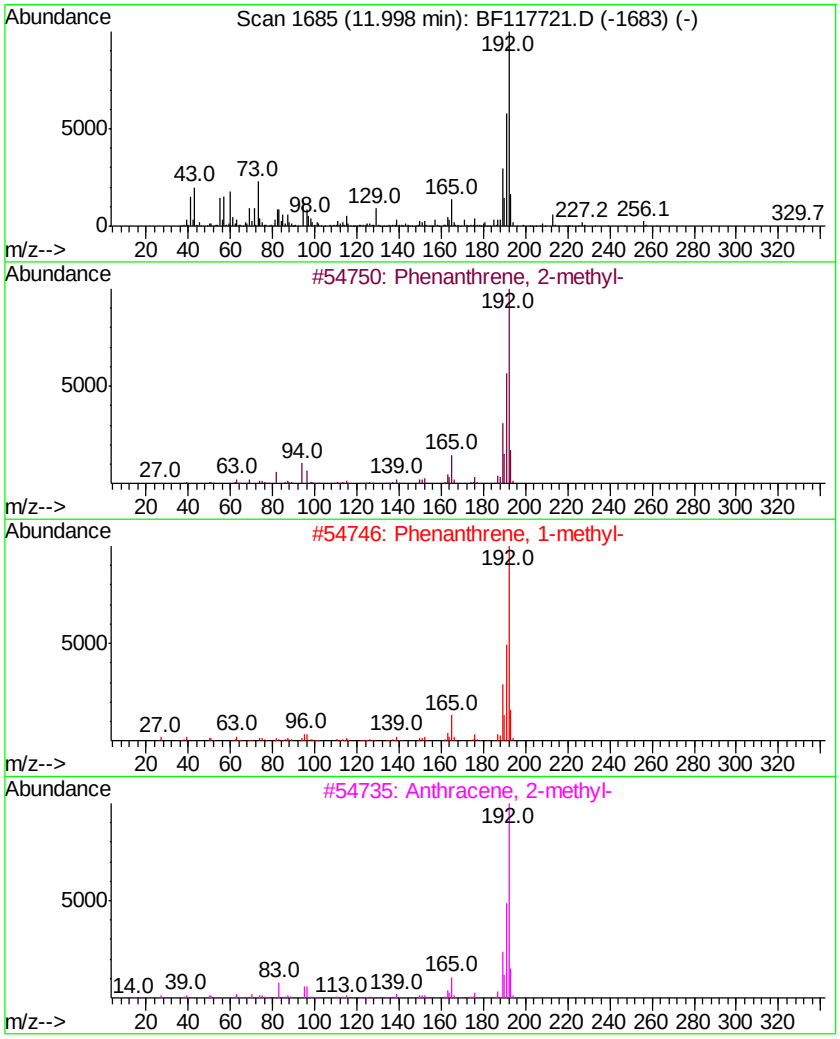
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

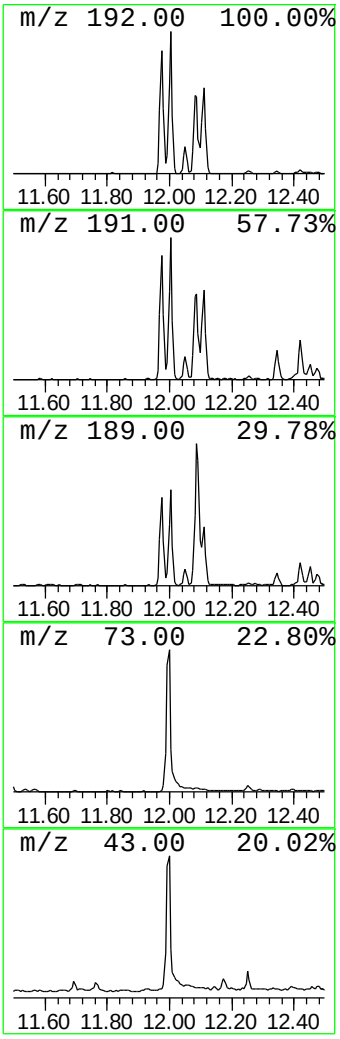
**********

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.00 | 11.09 ng | 1621120 | Phenanthrene-d10 | 11.47 |

| 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 | 96 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |



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Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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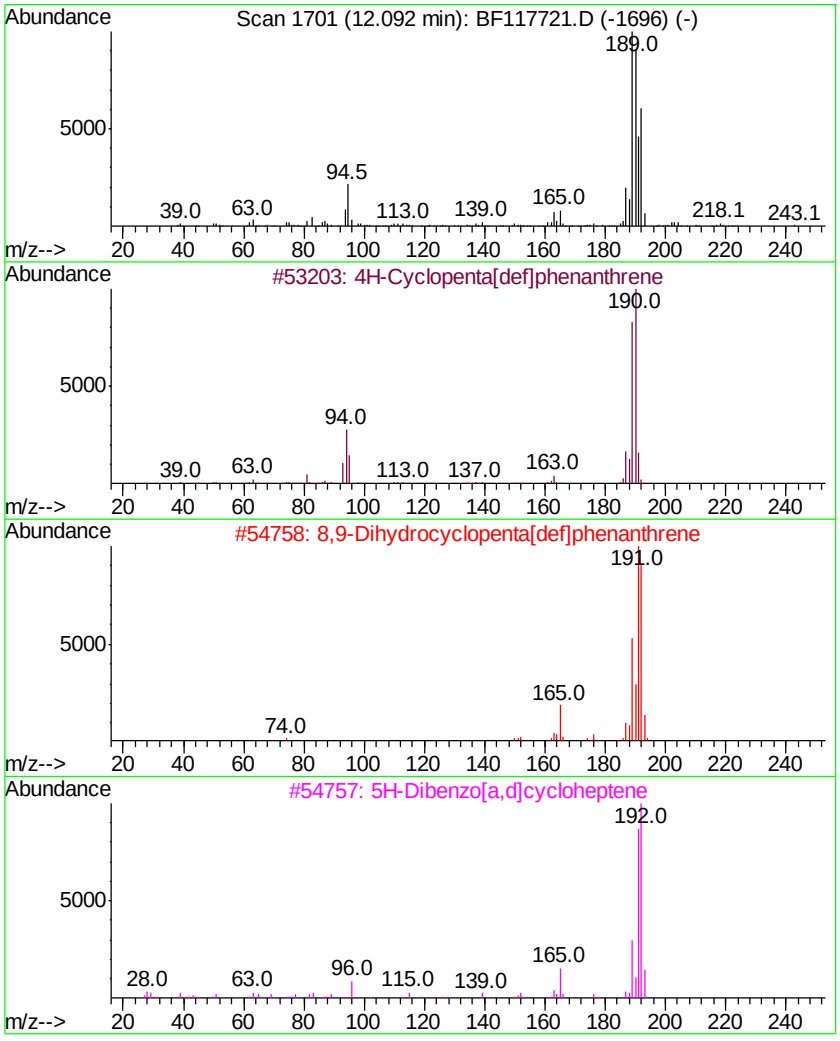
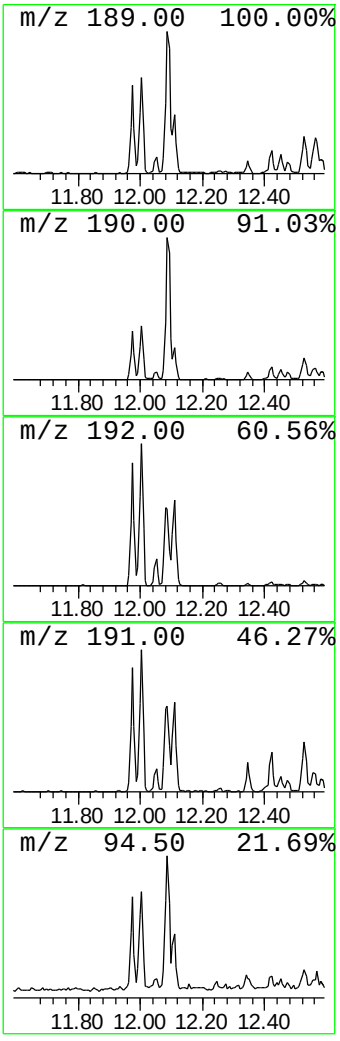
Peak Number 7 unknown12.09 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.09 | 7.95 ng | 1161270 | Phenanthrene-d10 | 11.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 49 |
| 2 | 8,9-Dihydrocyclopenta[def]phenan... | 192 | C15H12 | 027410-55-5 | 44 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 42 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 42 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 42 |



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Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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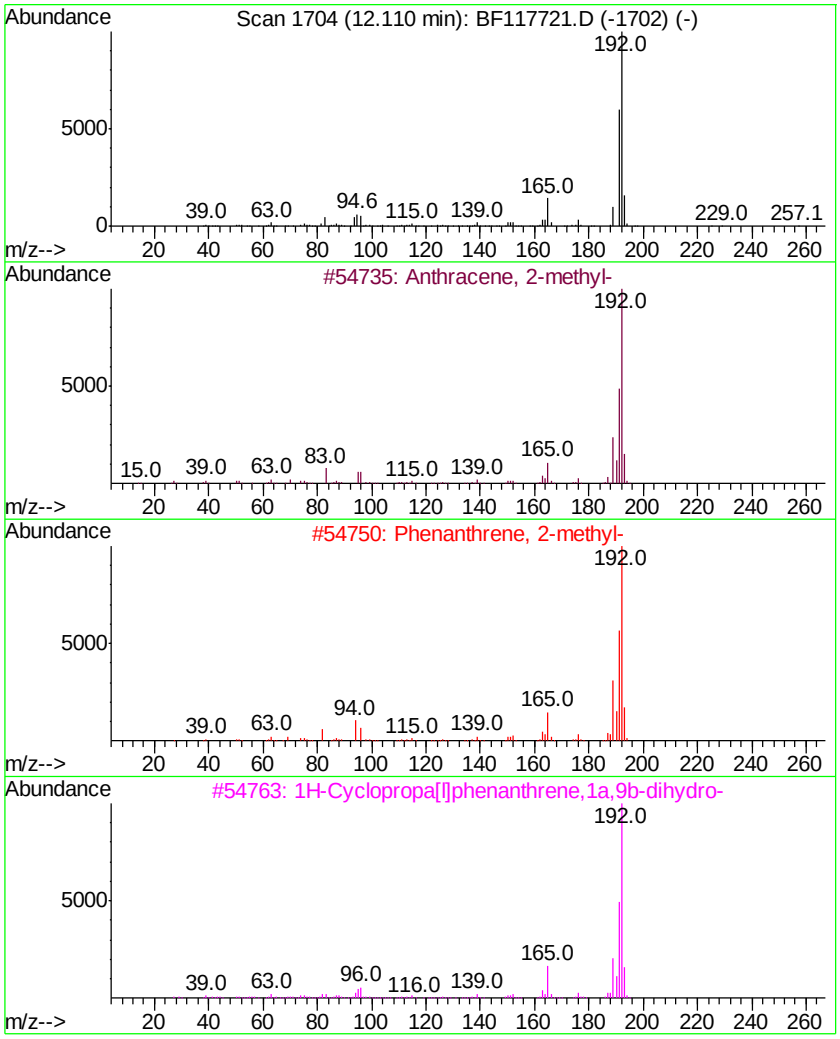
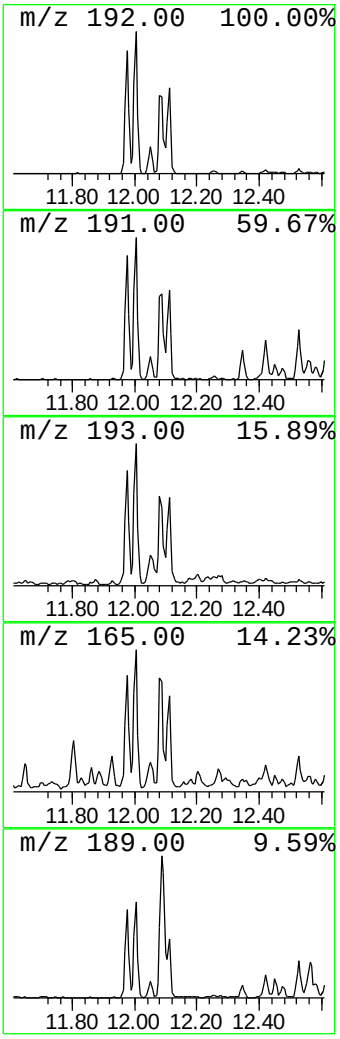
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.11 | 4.14 ng | 605590 | Phenanthrene-d10 | 11.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 91 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |



Library Search Compound Report

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Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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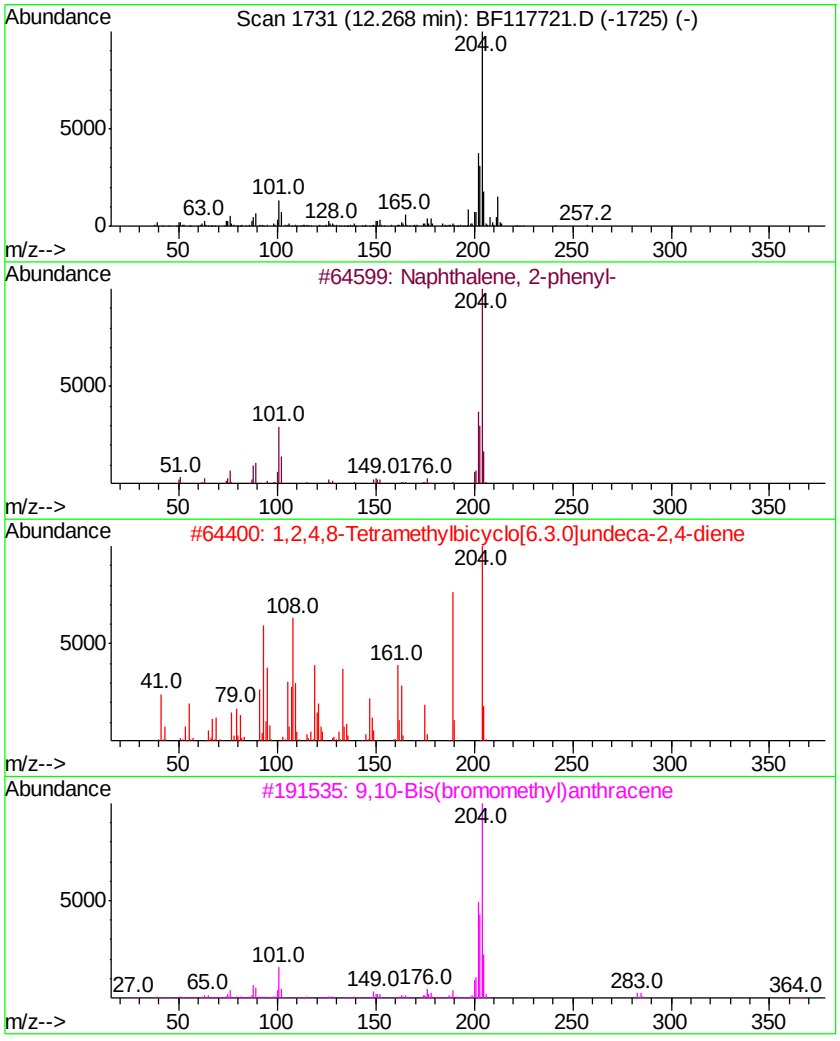
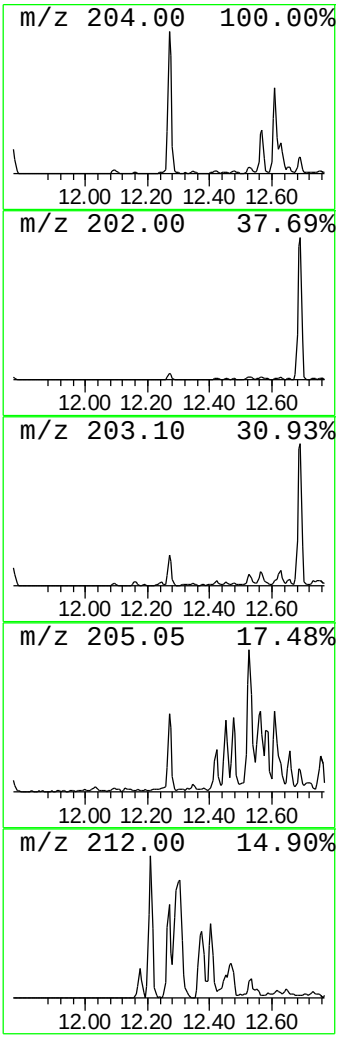
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.27 | 3.08 ng | 449985 | Phenanthrene-d10 | 11.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 91 |
| 3 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 87 |
| 4 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 86 |
| 5 | 6-Phenylbenzocyclohepten-7-one | 232 | C17H12O | 093327-56-1 | 80 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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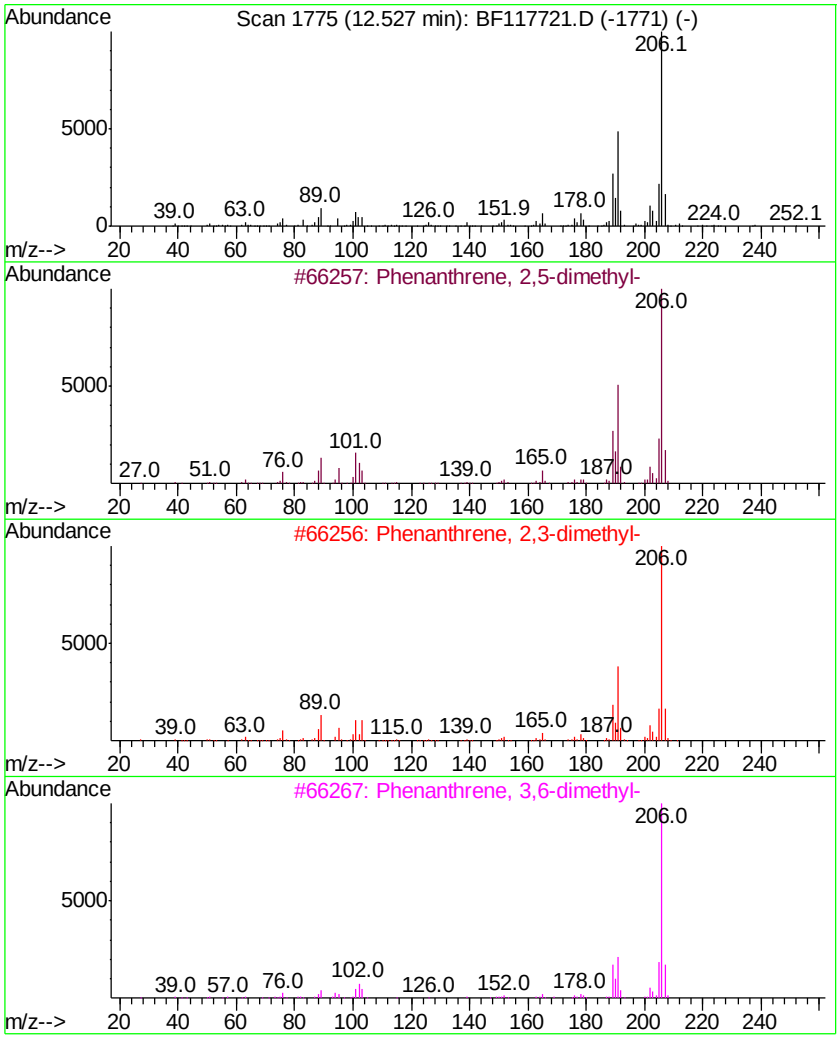
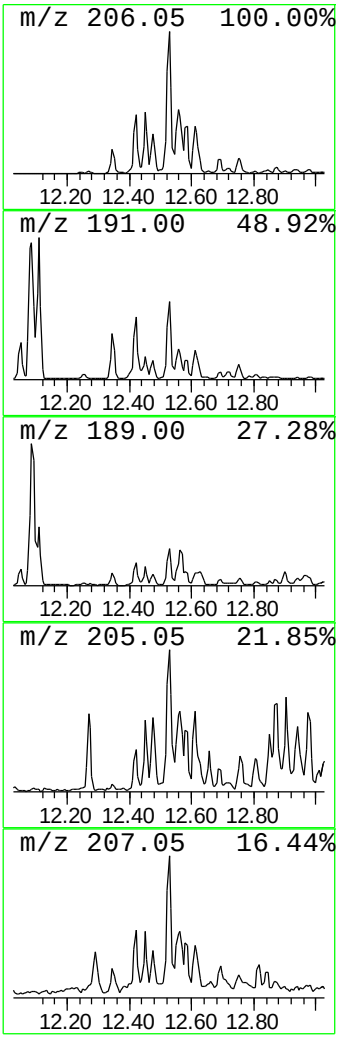
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.53 | 4.05 ng | 592432 | Phenanthrene-d10 | 11.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 2 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 3 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 93 |
| 4 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 89 |



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Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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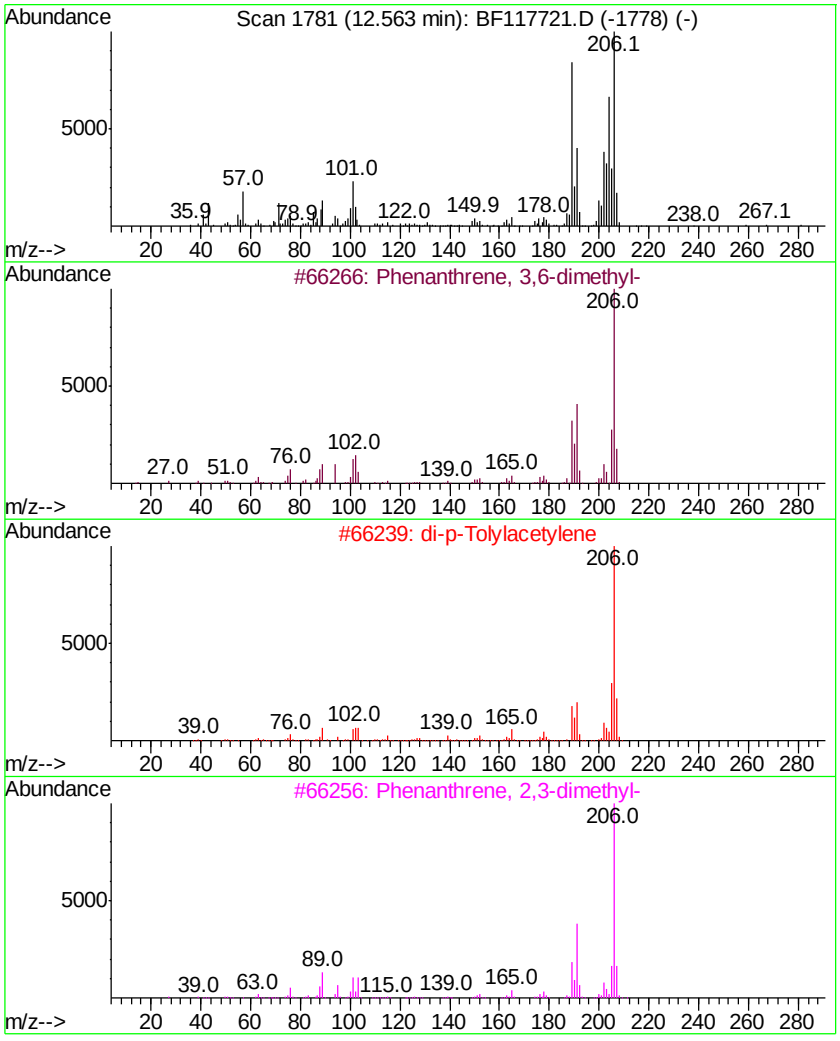
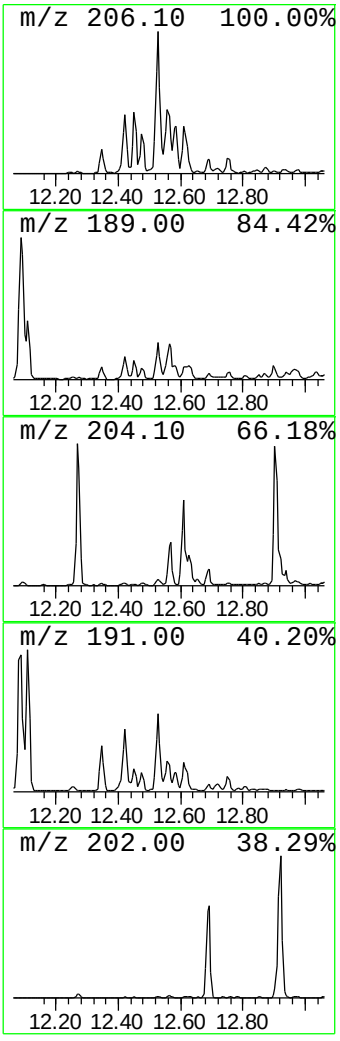
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.56 | 2.75 ng | 401860 | Phenanthrene-d10 | 11.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 70 |
| 2 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 49 |
| 3 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 46 |
| 4 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 43 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 42 |



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Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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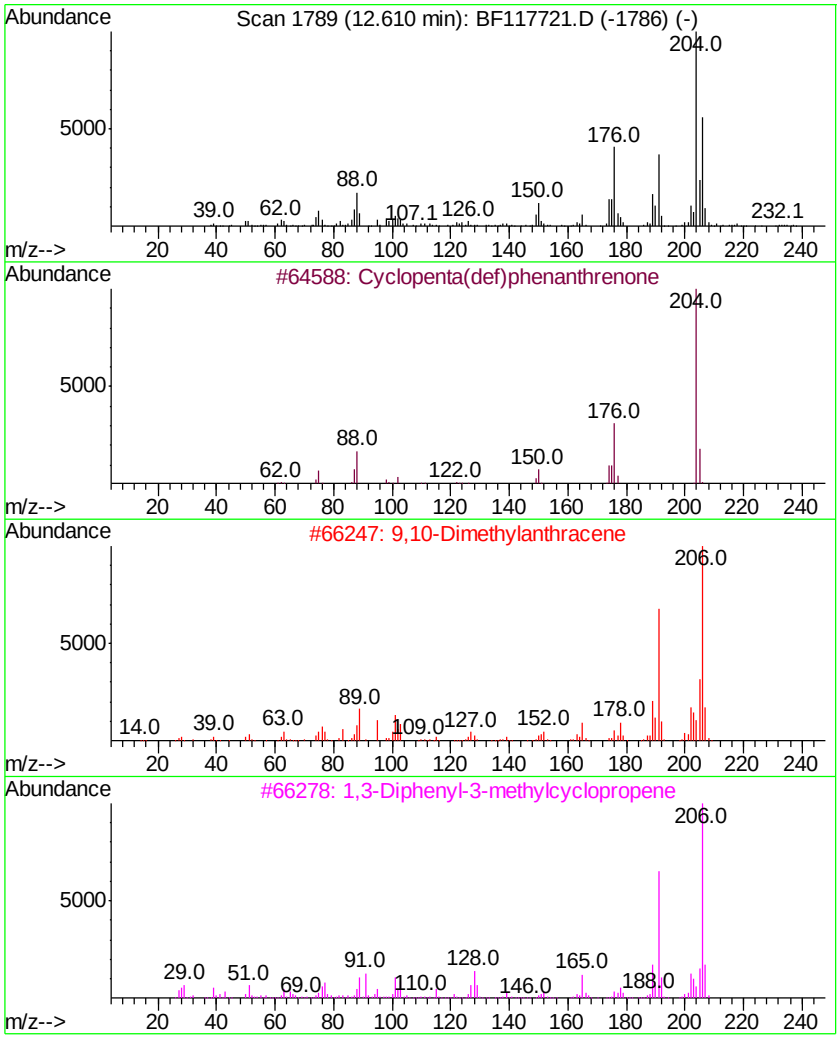
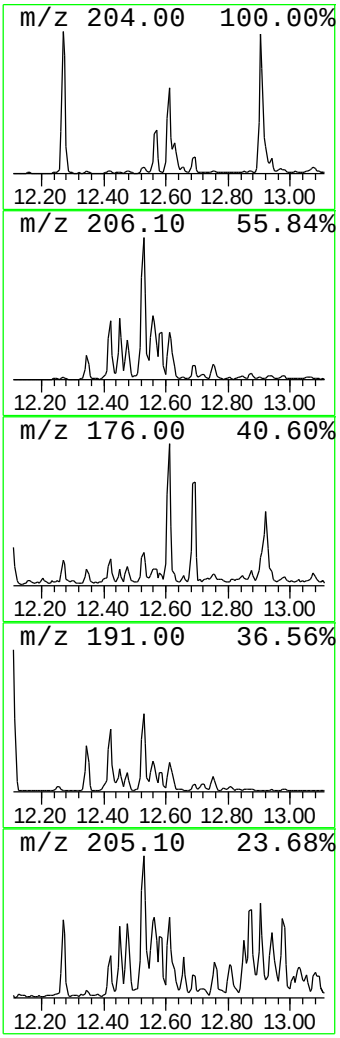
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.61 | 2.63 ng | 384820 | Phenanthrene-d10 | 11.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 95 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 52 |
| 3 | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14 | 086544-79-8 | 47 |
| 4 | Anthracene, 2-ethyl- | 206 | C16H14 | 052251-71-5 | 42 |
| 5 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 42 |



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Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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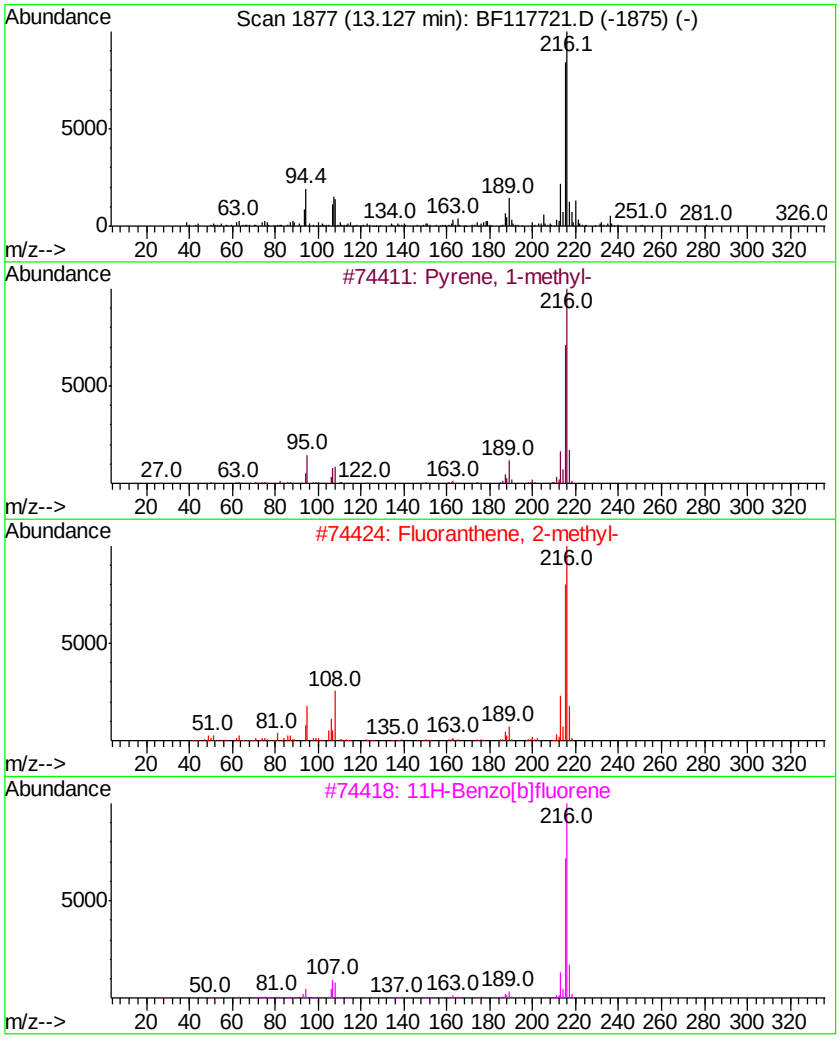
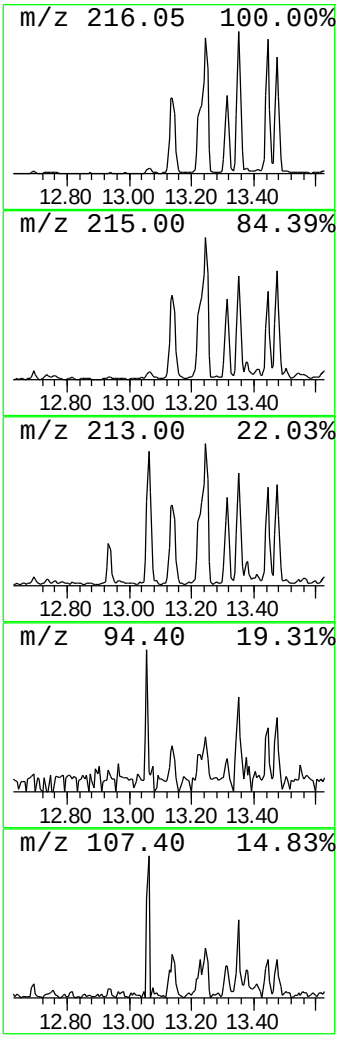
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.13 | 2.99 ng | 541872 | Chrysene-d12 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 95 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 94 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 76 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 74 |



# Library Search Compound Report

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Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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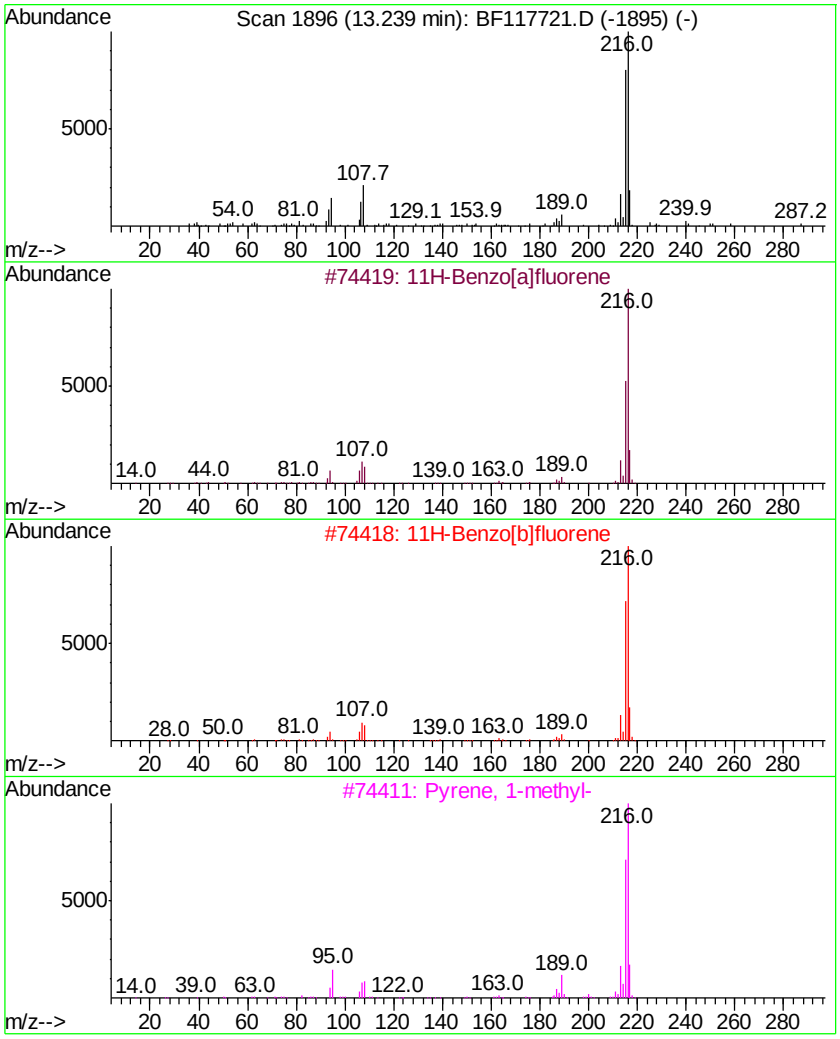
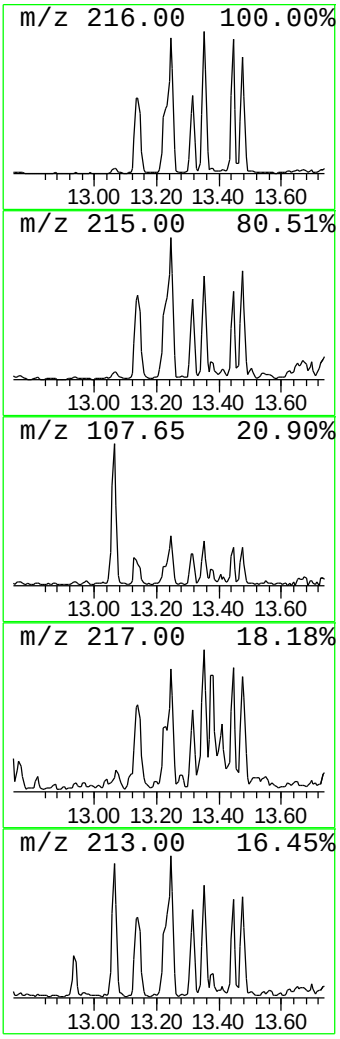
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.24 | 2.51 ng | 455021 | Chrysene-d12 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 97 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 96 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 87 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 64 |
| 5 | 1,3,5-Triazine-2,4,6-triamine, N... | 216 | C10H12N6 | 046731-79-7 | 64 |



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Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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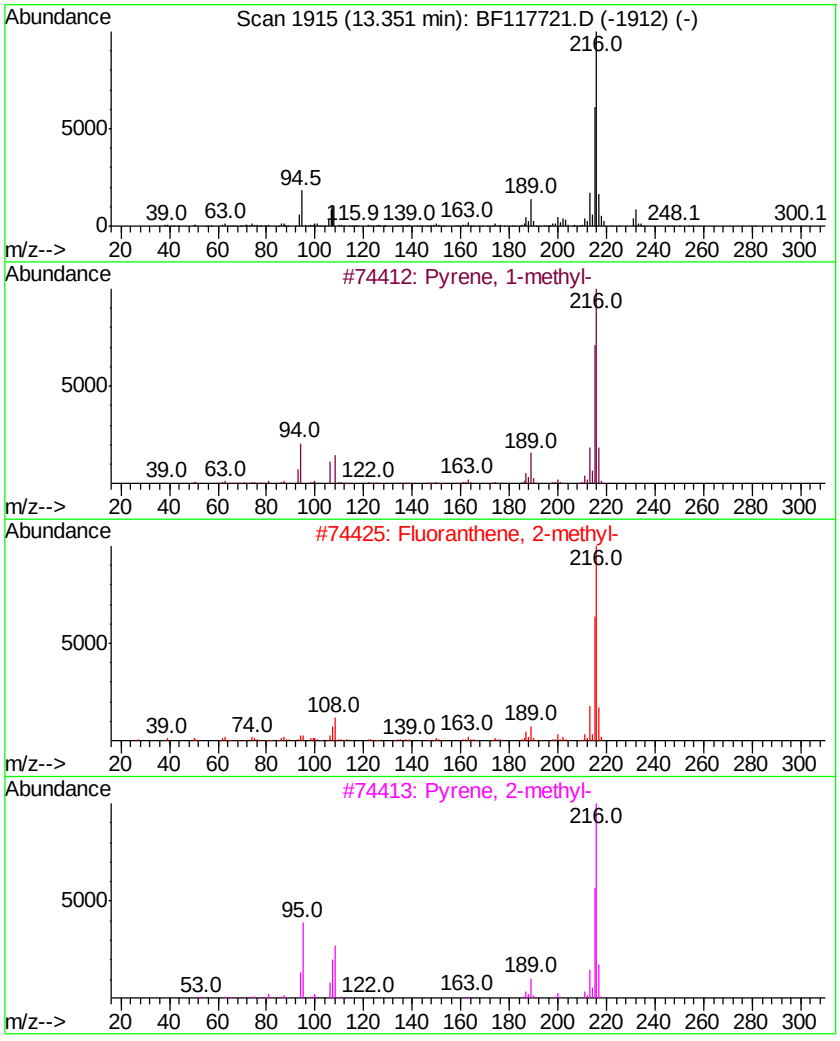
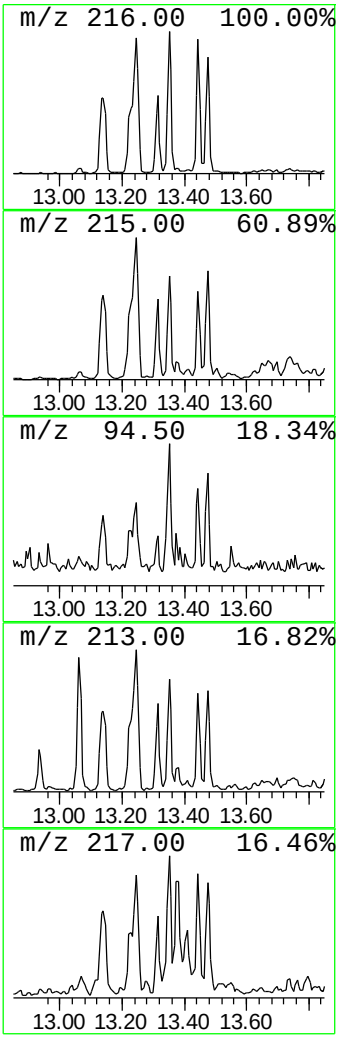
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.35 | 2.97 ng | 538408 | Chrysene-d12 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 96 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 94 |
| 4 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 93 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |



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Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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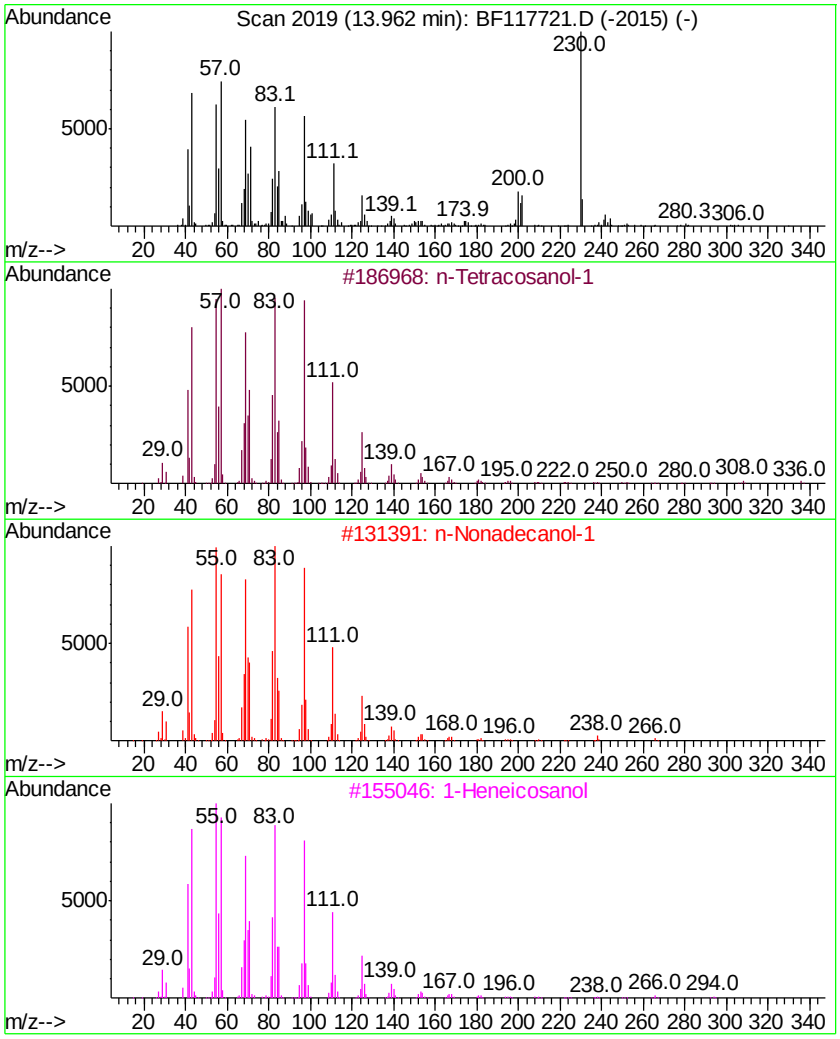
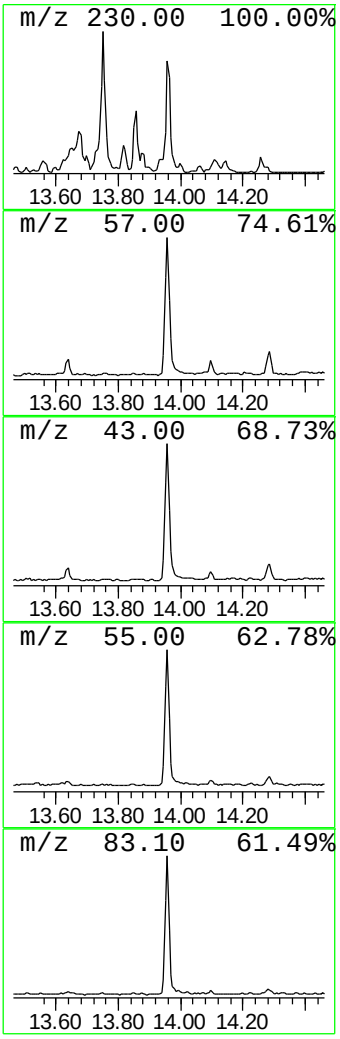
Peak Number 16 n-Tetracosanol-1 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.96 | 7.35 ng | 1332160 | Chrysene-d12 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 93 |
| 2 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 90 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 90 |
| 4 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 90 |
| 5 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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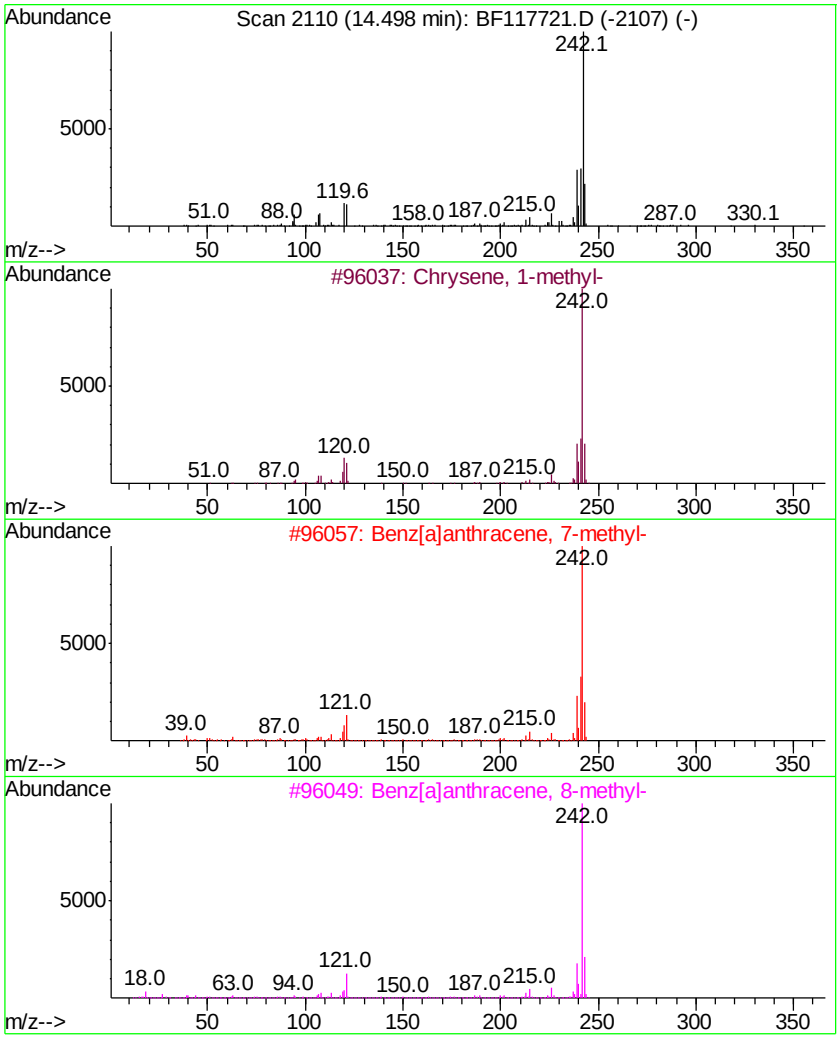
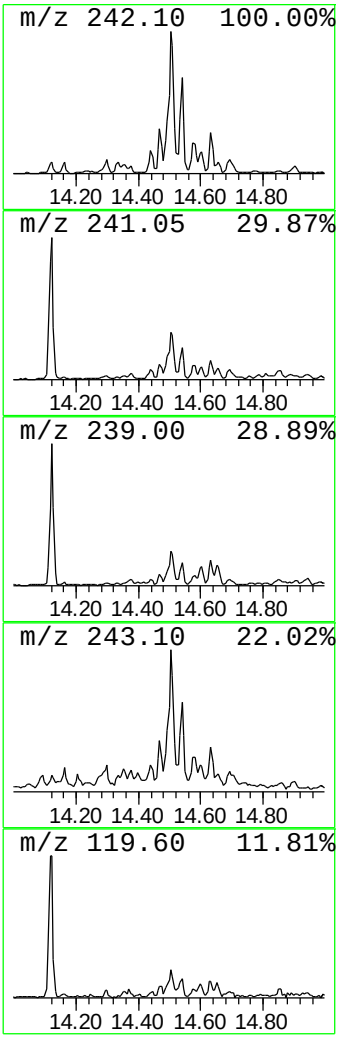
Peak Number 17 Chrysene, 1-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.50 | 3.50 ng | 635346 | Chrysene-d12 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Chrysene, 1-methyl- | 242 | C19H14 | 003351-28-8 | 95 |
| 2 | Benz[a]anthracene, 7-methyl- | 242 | C19H14 | 002541-69-7 | 95 |
| 3 | Benz[a]anthracene, 8-methyl- | 242 | C19H14 | 002381-31-9 | 93 |
| 4 | Triphenylene, 2-methyl- | 242 | C19H14 | 001705-84-6 | 93 |
| 5 | Chrysene, 5-methyl- | 242 | C19H14 | 003697-24-3 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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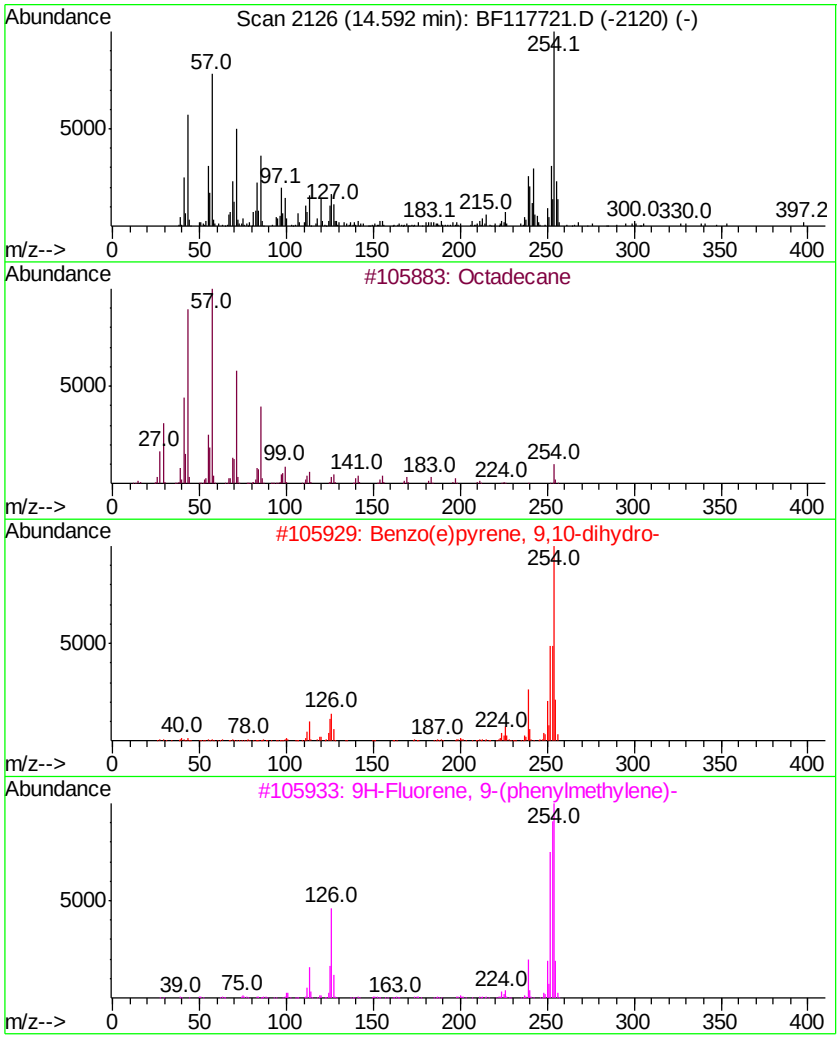
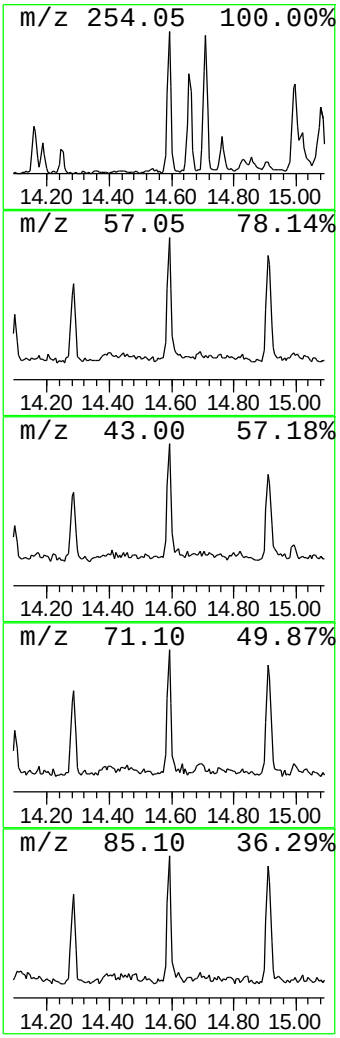
Peak Number 18 Octadecane Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.59 | 3.10 ng | 562309 | Chrysene-d12 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 64 |
| 2 | Benzo(e)pyrene, 9,10-dihydro- | 254 | C20H14 | 066788-01-0 | 41 |
| 3 | 9H-Fluorene, 9-(phenylmethylene)- | 254 | C20H14 | 001836-87-9 | 38 |
| 4 | 2,2'-Binaphthalene | 254 | C20H14 | 000612-78-2 | 38 |
| 5 | 1,1'-Binaphthalene | 254 | C20H14 | 000604-53-5 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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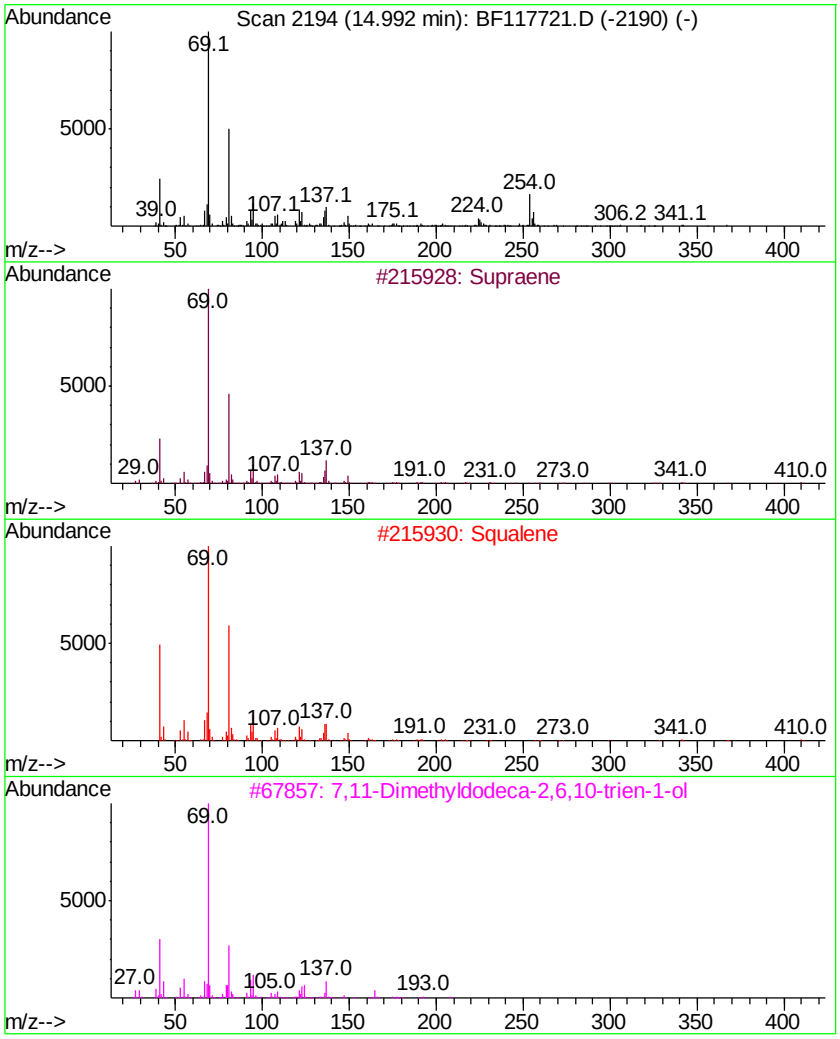
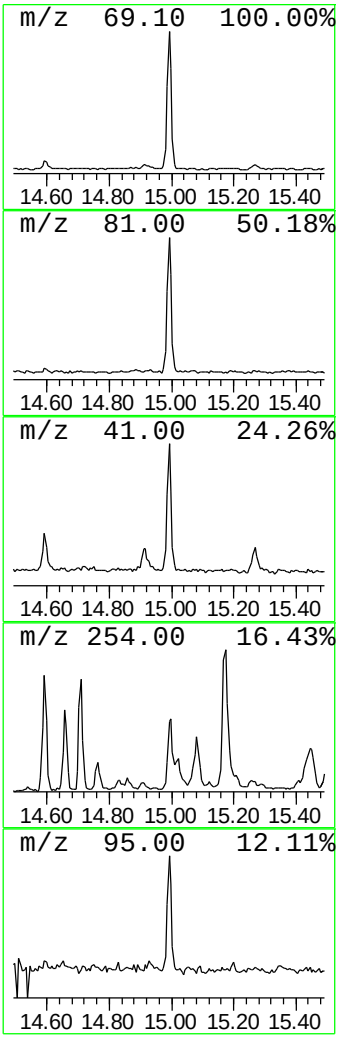
Peak Number 19 Supraene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.99 | 4.03 ng | 499785 | Perylene-d12 | 15.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 81 |
| 2 | Squalene | 410 | C30H50 | 000111-02-4 | 81 |
| 3 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 64 |
| 4 | 4,8,12-Tetradecatrienenitrile, 5... | 245 | C17H27N | 005981-31-7 | 53 |
| 5 | 3-Ethyl-1,5-octadiene | 138 | C10H18 | 1000114-87-7 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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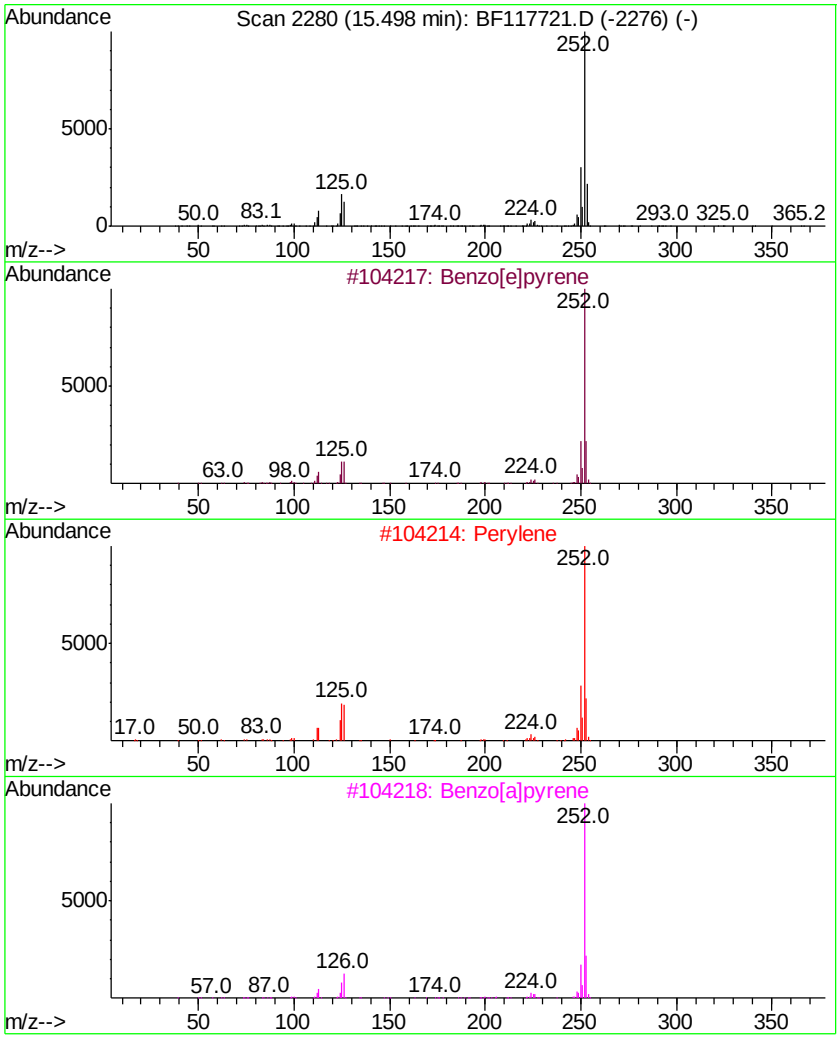
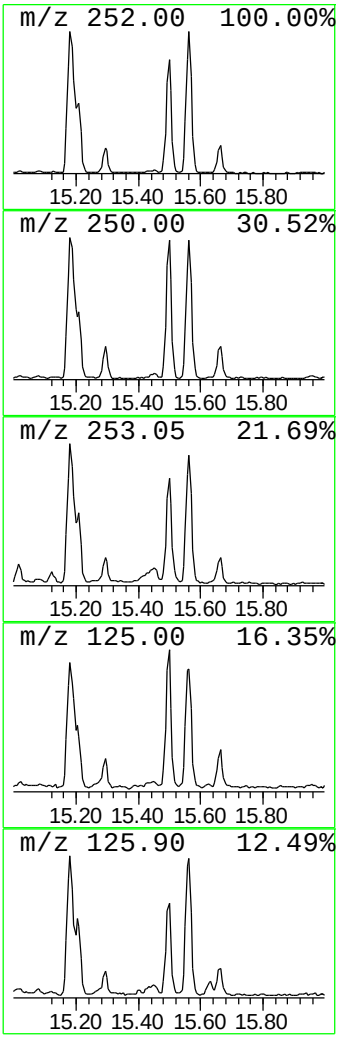
Peak Number 20 Benzo[e]pyrene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.50 | 5.93 ng | 734603 | Perylene-d12 | 15.63 |

| 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 | 96 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 96 |
| 4 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 94 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 89 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117721.D
Acq On : 7 Nov 2019 22:42
Operator : JU
Sample : K5722-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 4-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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-methoxy... | 2.23 | 22.9 | ng | 2120450 | 1 | 6.93 | 1854620 | 20.0 |
| 2-Pentanone, 4-hy... | 5.15 | 16.0 | ng | 1482220 | 1 | 6.93 | 1854620 | 20.0 |
| unknown6.70 | 6.70 | 73.5 | ng | 6814670 | 1 | 6.93 | 1854620 | 20.0 |
| Phenanthrene, 2-m... | 11.97 | 6.2 | ng | 905324 | 4 | 11.47 | 2922510 | 20.0 |
| Phenanthrene, 1-m... | 12.00 | 11.1 | ng | 1621120 | 4 | 11.47 | 2922510 | 20.0 |
| unknown12.09 | 12.09 | 8.0 | ng | 1161270 | 4 | 11.47 | 2922510 | 20.0 |
| Anthracene, 2-met... | 12.11 | 4.1 | ng | 605590 | 4 | 11.47 | 2922510 | 20.0 |
| Naphthalene, 2-ph... | 12.27 | 3.1 | ng | 449985 | 4 | 11.47 | 2922510 | 20.0 |
| Phenanthrene, 2,5... | 12.53 | 4.0 | ng | 592432 | 4 | 11.47 | 2922510 | 20.0 |
| Phenanthrene, 3,6... | 12.56 | 2.8 | ng | 401860 | 4 | 11.47 | 2922510 | 20.0 |
| Cyclopenta(def)ph... | 12.61 | 2.6 | ng | 384820 | 4 | 11.47 | 2922510 | 20.0 |
| Pyrene, 1-methyl- | 13.13 | 3.0 | ng | 541872 | 5 | 14.12 | 3626000 | 20.0 |
| 11H-Benzo[a]fluorene | 13.24 | 2.5 | ng | 455021 | 5 | 14.12 | 3626000 | 20.0 |
| Fluoranthene, 2-m... | 13.35 | 3.0 | ng | 538408 | 5 | 14.12 | 3626000 | 20.0 |
| n-Tetracosanol-1 | 13.96 | 7.3 | ng | 1332160 | 5 | 14.12 | 3626000 | 20.0 |
| Chrysene, 1-methyl- | 14.50 | 3.5 | ng | 635346 | 5 | 14.12 | 3626000 | 20.0 |
| Octadecane | 14.59 | 3.1 | ng | 562309 | 5 | 14.12 | 3626000 | 20.0 |
| Supraene | 14.99 | 4.0 | ng | 499785 | 6 | 15.63 | 2478430 | 20.0 |
| Benzo[e]pyrene | 15.50 | 5.9 | ng | 734603 | 6 | 15.63 | 2478430 | 20.0 |