LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

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-BF122419.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 | 5.057 | 501 | 505 | 516 | rVB | 325794 | 405316 | 10.93% | 0.756% |
| 2 | 5.469 | 571 | 575 | 592 | rBV | 2309592 | 2251806 | 60.70% | 4.201% |
| 3 | 6.128 | 682 | 687 | 690 | rBV | 1979281 | 1820828 | 49.08% | 3.397% |
| 4 | 6.292 | 713 | 715 | 718 | rVB | 170432 | 129459 | 3.49% | 0.242% |
| 5 | 6.487 | 744 | 748 | 757 | rBV | 2228047 | 2407474 | 64.90% | 4.492% |
| 6 | 6.622 | 767 | 771 | 775 | rBV | 3092263 | 2600770 | 70.11% | 4.852% |
| 7 | 6.851 | 806 | 810 | 817 | rBV | 908872 | 750714 | 20.24% | 1.401% |
| 8 | 6.963 | 826 | 829 | 833 | rBV | 317875 | 247169 | 6.66% | 0.461% |
| 9 | 7.010 | 833 | 837 | 840 | rBV | 2205147 | 2013172 | 54.27% | 3.756% |
| 10 | 7.416 | 903 | 906 | 919 | rVB | 1595868 | 1469136 | 39.60% | 2.741% |
| 11 | 8.039 | 1008 | 1012 | 1023 | rBV | 62649 | 72378 | 1.95% | 0.135% |
| 12 | 8.139 | 1025 | 1029 | 1032 | rBV | 1015110 | 955368 | 25.75% | 1.782% |
| 13 | 9.216 | 1208 | 1212 | 1223 | rBV | 3879907 | 3251531 | 87.65% | 6.066% |
| 14 | 9.486 | 1254 | 1258 | 1265 | rBV2 | 50472 | 59491 | 1.60% | 0.111% |
| 15 | 9.557 | 1267 | 1270 | 1273 | rVV | 42649 | 43633 | 1.18% | 0.081% |
| 16 | 9.610 | 1277 | 1279 | 1287 | rVB | 185413 | 201003 | 5.42% | 0.375% |
| 17 | 9.898 | 1322 | 1328 | 1332 | rBV | 1439166 | 1227323 | 33.08% | 2.290% |
| 18 | 9.933 | 1332 | 1334 | 1341 | rVB | 149407 | 138730 | 3.74% | 0.259% |
| 19 | 10.110 | 1359 | 1364 | 1367 | rBV2 | 84959 | 92631 | 2.50% | 0.173% |
| 20 | 10.451 | 1418 | 1422 | 1426 | rBV | 123505 | 120977 | 3.26% | 0.226% |
| 21 | 10.610 | 1446 | 1449 | 1451 | rVB | 57102 | 49833 | 1.34% | 0.093% |
| 22 | 10.692 | 1459 | 1463 | 1470 | rBV | 2429544 | 2370916 | 63.91% | 4.423% |
| 23 | 11.004 | 1508 | 1516 | 1518 | rBV3 | 45371 | 65020 | 1.75% | 0.121% |
| 24 | 11.127 | 1532 | 1537 | 1539 | rBV2 | 51837 | 65745 | 1.77% | 0.123% |
| 25 | 11.204 | 1547 | 1550 | 1553 | rBV | 87516 | 83216 | 2.24% | 0.155% |
| 26 | 11.245 | 1553 | 1557 | 1560 | rVV3 | 62348 | 79037 | 2.13% | 0.147% |
| 27 | 11.292 | 1560 | 1565 | 1569 | rVB | 99837 | 113557 | 3.06% | 0.212% |
| 28 | 11.392 | 1578 | 1582 | 1584 | rBV | 1448964 | 1297191 | 34.97% | 2.420% |
| 29 | 11.416 | 1584 | 1586 | 1590 | rVV | 1939462 | 1722226 | 46.43% | 3.213% |
| 30 | 11.469 | 1590 | 1595 | 1598 | rVV | 444606 | 385206 | 10.38% | 0.719% |
| 31 | 11.627 | 1617 | 1622 | 1628 | rBV2 | 111960 | 211644 | 5.71% | 0.395% |
| 32 | 11.686 | 1628 | 1632 | 1635 | rVV2 | 50458 | 64022 | 1.73% | 0.119% |
| 33 | 11.733 | 1637 | 1640 | 1644 | rVB4 | 34040 | 45337 | 1.22% | 0.085% |
| 34 | 11.898 | 1664 | 1668 | 1669 | rBV | 234220 | 205377 | 5.54% | 0.383% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.921 | 1669 | 1672 | 1678 | rVV2 | 596854 | 777421 | 20.96% | 1.450% |
| 36 | 11.974 | 1678 | 1681 | 1684 | rVV | 127163 | 114079 | 3.08% | 0.213% |
| 37 | 12.010 | 1684 | 1687 | 1689 | rVV | 311901 | 311583 | 8.40% | 0.581% |
| 38 | 12.033 | 1689 | 1691 | 1696 | rVB | 162554 | 142542 | 3.84% | 0.266% |
| 39 | 12.080 | 1696 | 1699 | 1701 | rBV4 | 46659 | 48679 | 1.31% | 0.091% |
| 40 | 12.192 | 1715 | 1718 | 1721 | rBV | 184930 | 140924 | 3.80% | 0.263% |
| 41 | 12.227 | 1721 | 1724 | 1728 | rVB | 132773 | 123280 | 3.32% | 0.230% |
| 42 | 12.398 | 1751 | 1753 | 1757 | rVB | 59699 | 48353 | 1.30% | 0.090% |
| 43 | 12.445 | 1758 | 1761 | 1764 | rBV | 126824 | 153562 | 4.14% | 0.286% |
| 44 | 12.486 | 1764 | 1768 | 1770 | rVV3 | 69510 | 97635 | 2.63% | 0.182% |
| 45 | 12.504 | 1770 | 1771 | 1774 | rVB2 | 56768 | 40772 | 1.10% | 0.076% |
| 46 | 12.545 | 1774 | 1778 | 1782 | rBV2 | 134008 | 161339 | 4.35% | 0.301% |
| 47 | 12.616 | 1786 | 1790 | 1795 | rBV | 2711990 | 2499946 | 67.39% | 4.664% |
| 48 | 12.680 | 1798 | 1801 | 1803 | rVV | 48154 | 47949 | 1.29% | 0.089% |
| 49 | 12.704 | 1803 | 1805 | 1809 | rVV3 | 221561 | 212159 | 5.72% | 0.396% |
| 50 | 12.763 | 1812 | 1815 | 1818 | rVB2 | 84982 | 97781 | 2.64% | 0.182% |
| 51 | 12.845 | 1823 | 1829 | 1834 | rBV | 2234152 | 2375269 | 64.03% | 4.431% |
| 52 | 12.892 | 1834 | 1837 | 1843 | rVB2 | 105728 | 123133 | 3.32% | 0.230% |
| 53 | 12.986 | 1845 | 1853 | 1856 | rBV | 3839540 | 3709612 | 100.00% | 6.921% |
| 54 | 13.010 | 1856 | 1857 | 1861 | rVB | 97866 | 76330 | 2.06% | 0.142% |
| 55 | 13.063 | 1861 | 1866 | 1868 | rBV2 | 124995 | 202993 | 5.47% | 0.379% |
| 56 | 13.086 | 1868 | 1870 | 1874 | rVB | 450787 | 416629 | 11.23% | 0.777% |
| 57 | 13.151 | 1877 | 1881 | 1882 | rBV2 | 115363 | 123303 | 3.32% | 0.230% |
| 58 | 13.174 | 1882 | 1885 | 1889 | rVB | 189942 | 232510 | 6.27% | 0.434% |
| 59 | 13.239 | 1894 | 1896 | 1899 | rBV | 89649 | 75498 | 2.04% | 0.141% |
| 60 | 13.280 | 1899 | 1903 | 1905 | rBV2 | 177686 | 211195 | 5.69% | 0.394% |
| 61 | 13.357 | 1913 | 1916 | 1921 | rBV2 | 905715 | 935684 | 25.22% | 1.746% |
| 62 | 13.404 | 1921 | 1924 | 1927 | rVB4 | 97644 | 89799 | 2.42% | 0.168% |
| 63 | 13.486 | 1933 | 1938 | 1940 | rBV2 | 131660 | 194935 | 5.25% | 0.364% |
| 64 | 13.527 | 1942 | 1945 | 1947 | rVV | 190141 | 202241 | 5.45% | 0.377% |
| 65 | 13.551 | 1947 | 1949 | 1952 | rVV2 | 65192 | 63594 | 1.71% | 0.119% |
| 66 | 13.598 | 1954 | 1957 | 1960 | rVV3 | 48445 | 50015 | 1.35% | 0.093% |
| 67 | 13.686 | 1969 | 1972 | 1975 | rVB | 186250 | 175725 | 4.74% | 0.328% |
| 68 | 13.721 | 1975 | 1978 | 1980 | rBV3 | 96030 | 101120 | 2.73% | 0.189% |
| 69 | 13.751 | 1980 | 1983 | 1987 | rVV | 419685 | 446379 | 12.03% | 0.833% |
| 70 | 13.798 | 1988 | 1991 | 1993 | rVV | 224564 | 239852 | 6.47% | 0.447% |
| 71 | 13.839 | 1993 | 1998 | 2003 | rVV4 | 450686 | 834574 | 22.50% | 1.557% |

LSC Area Percent Report

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Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.880 | 2003 | 2005 | 2015 | rVB2 | 432547 | 736091 | 19.84% | 1.373% |
| 73 | 14.015 | 2025 | 2028 | 2030 | rBV2 | 525315 | 588497 | 15.86% | 1.098% |
| 74 | 14.045 | 2030 | 2033 | 2036 | rVV2 | 1351870 | 2043426 | 55.08% | 3.812% |
| 75 | 14.074 | 2036 | 2038 | 2042 | rVB | 856814 | 733317 | 19.77% | 1.368% |
| 76 | 14.157 | 2049 | 2052 | 2055 | rVB | 124761 | 95035 | 2.56% | 0.177% |
| 77 | 14.198 | 2056 | 2059 | 2066 | rBV7 | 86061 | 161786 | 4.36% | 0.302% |
| 78 | 14.362 | 2084 | 2087 | 2090 | rBV5 | 43652 | 46097 | 1.24% | 0.086% |
| 79 | 14.398 | 2090 | 2093 | 2096 | rBV3 | 82374 | 104293 | 2.81% | 0.195% |
| 80 | 14.439 | 2097 | 2100 | 2103 | rVB | 157292 | 132318 | 3.57% | 0.247% |
| 81 | 14.468 | 2103 | 2105 | 2108 | rBV | 53889 | 45374 | 1.22% | 0.085% |
| 82 | 14.504 | 2108 | 2111 | 2113 | rBV2 | 88473 | 97036 | 2.62% | 0.181% |
| 83 | 14.562 | 2119 | 2121 | 2123 | rBV | 59918 | 50004 | 1.35% | 0.093% |
| 84 | 14.762 | 2152 | 2155 | 2158 | rBV3 | 50528 | 66890 | 1.80% | 0.125% |
| 85 | 14.810 | 2161 | 2163 | 2166 | rVB | 65657 | 57275 | 1.54% | 0.107% |
| 86 | 14.945 | 2182 | 2186 | 2189 | rBV3 | 132222 | 170981 | 4.61% | 0.319% |
| 87 | 15.104 | 2209 | 2213 | 2216 | rBV | 714016 | 1054319 | 28.42% | 1.967% |
| 88 | 15.215 | 2229 | 2232 | 2235 | rBV | 119952 | 152786 | 4.12% | 0.285% |
| 89 | 15.304 | 2244 | 2247 | 2248 | rBV2 | 50244 | 48743 | 1.31% | 0.091% |
| 90 | 15.415 | 2262 | 2266 | 2272 | rVB | 395712 | 517153 | 13.94% | 0.965% |
| 91 | 15.480 | 2272 | 2277 | 2282 | rVV | 624812 | 732135 | 19.74% | 1.366% |
| 92 | 15.539 | 2282 | 2287 | 2291 | rVV | 771500 | 1028608 | 27.73% | 1.919% |
| 93 | 15.574 | 2291 | 2293 | 2303 | rVB2 | 181876 | 241384 | 6.51% | 0.450% |
| 94 | 15.980 | 2359 | 2362 | 2368 | rVB4 | 61186 | 96002 | 2.59% | 0.179% |
| 95 | 16.051 | 2370 | 2374 | 2383 | rVB9 | 53577 | 133923 | 3.61% | 0.250% |
| 96 | 17.051 | 2538 | 2544 | 2552 | rBV2 | 291269 | 593083 | 15.99% | 1.106% |
| 97 | 17.227 | 2569 | 2574 | 2580 | rBV2 | 70739 | 162559 | 4.38% | 0.303% |
| 98 | 17.509 | 2616 | 2622 | 2630 | rVB | 211015 | 432411 | 11.66% | 0.807% |
| 99 | 17.639 | 2638 | 2644 | 2655 | rVB | 55369 | 185576 | 5.00% | 0.346% |
| 100 | 17.762 | 2661 | 2665 | 2678 | rVB5 | 57885 | 177251 | 4.78% | 0.331% |

Sum of corrected areas: 53599983

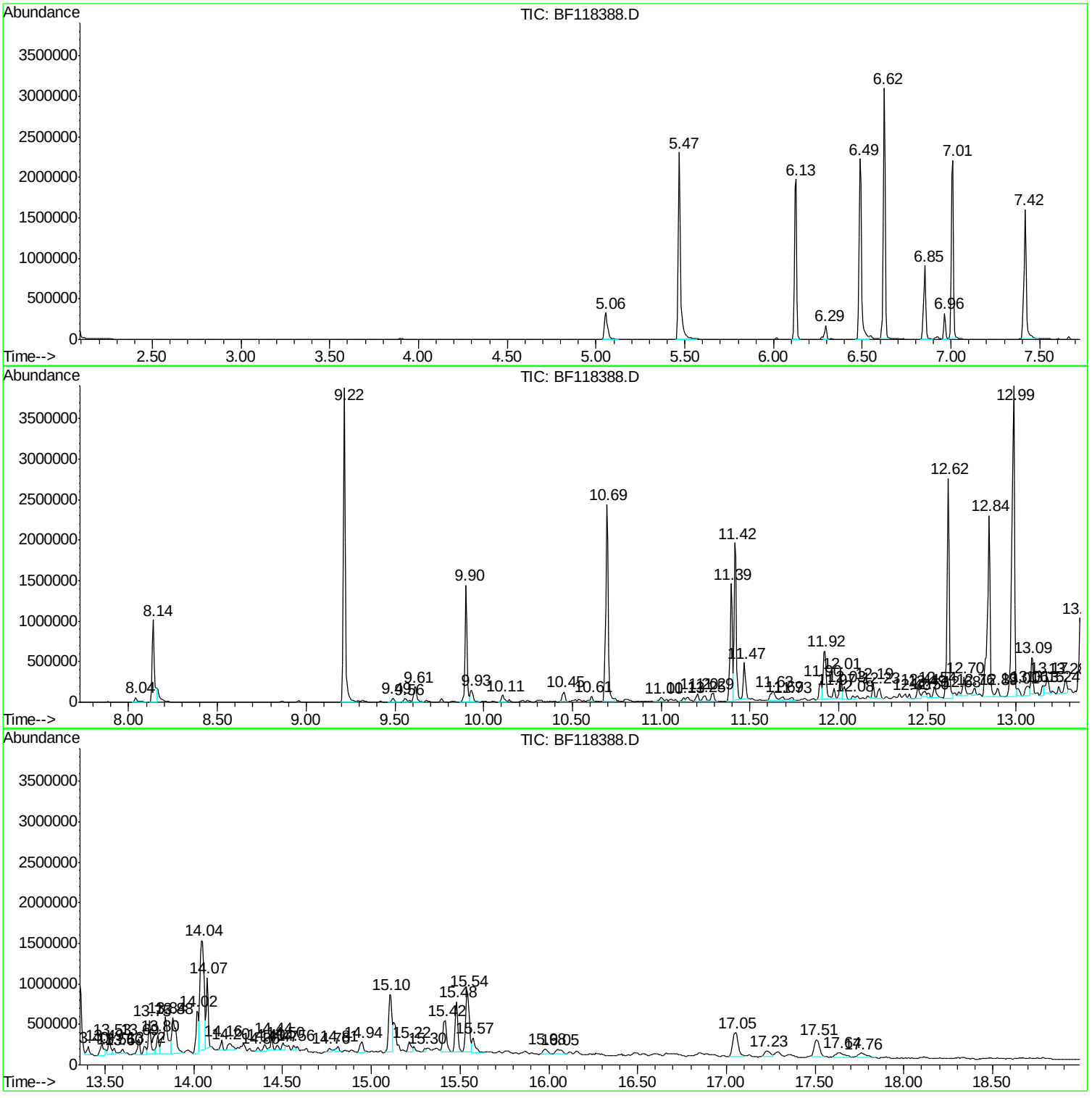
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

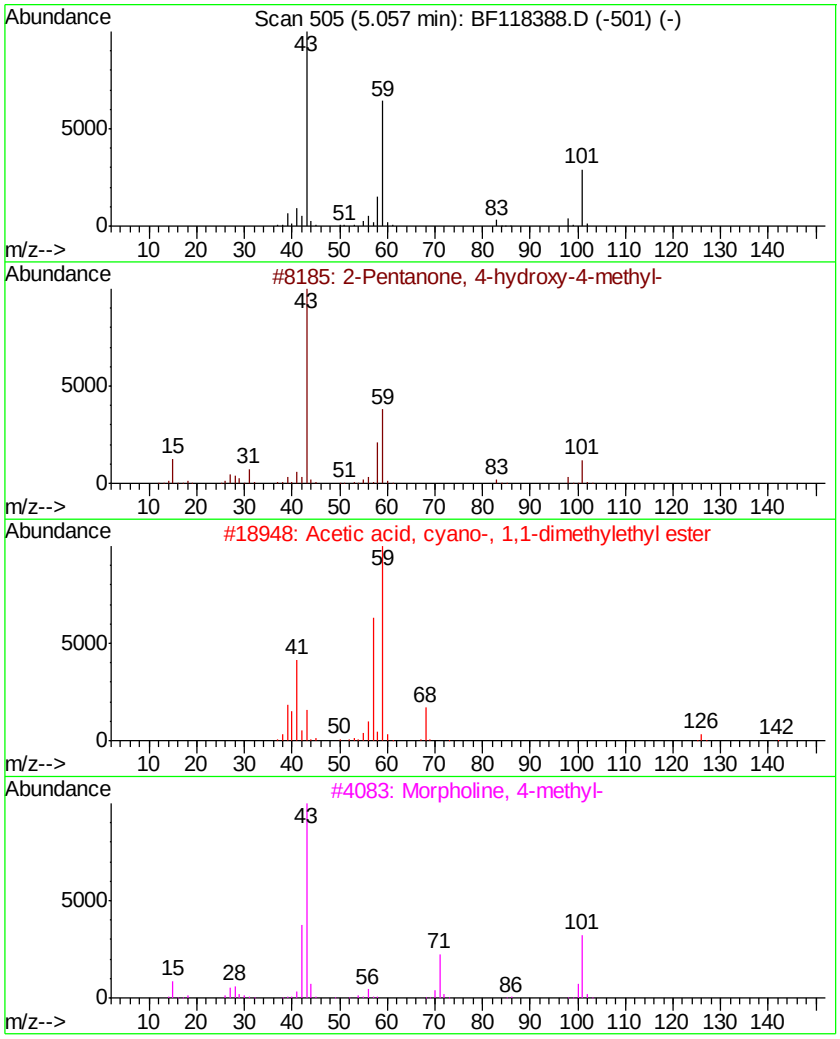
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

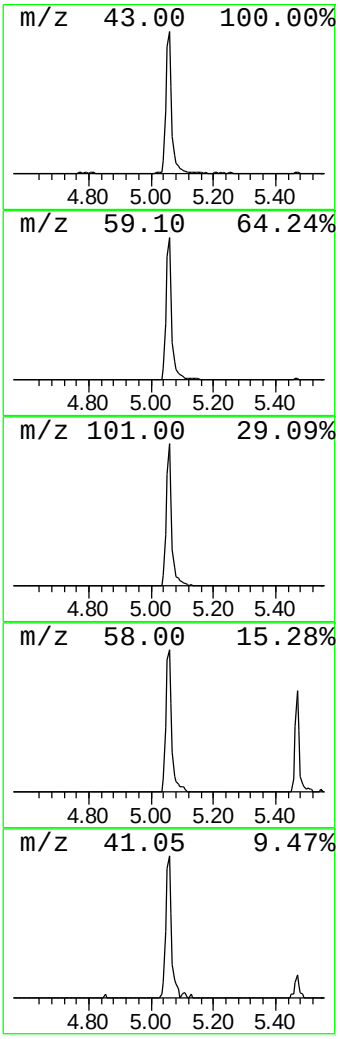
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.06 | 10.80 ng | 405316 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 3 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |
| 4 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |
| 5 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9 |



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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
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Acq On : 30 Dec 2019 18:37
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Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

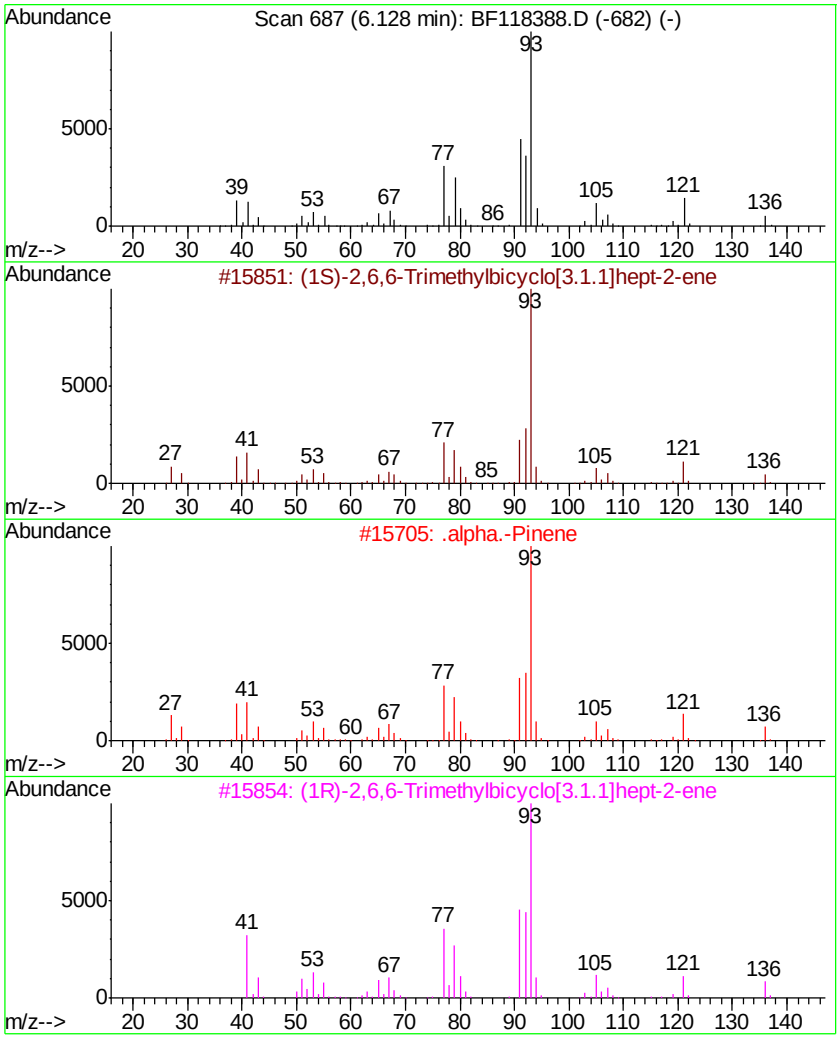
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

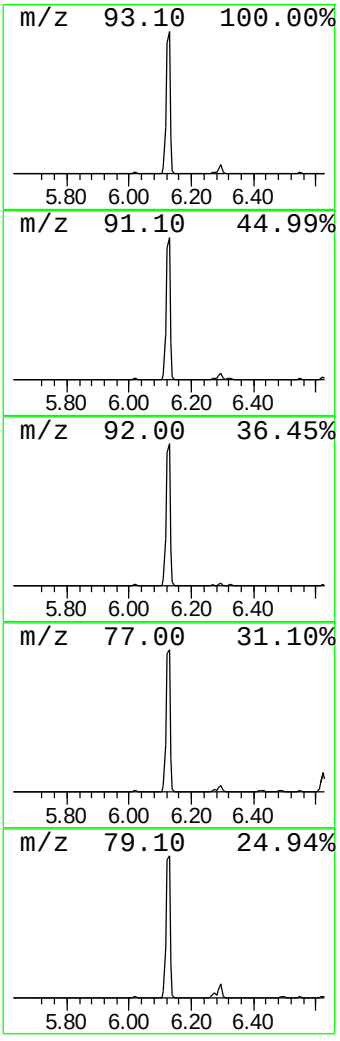
**********

Peak Number 2 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.13 | 48.51 ng | 1820830 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (1S)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16 | 007785-26-4 | 97 |
| 2 | .alpha.-Pinene | 136 | C10H16 | 000080-56-8 | 96 |
| 3 | (1R)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16 | 007785-70-8 | 95 |
| 4 | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16 | 000508-32-7 | 91 |
| 5 | (+)-3-Carene | 136 | C10H16 | 000498-15-7 | 91 |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

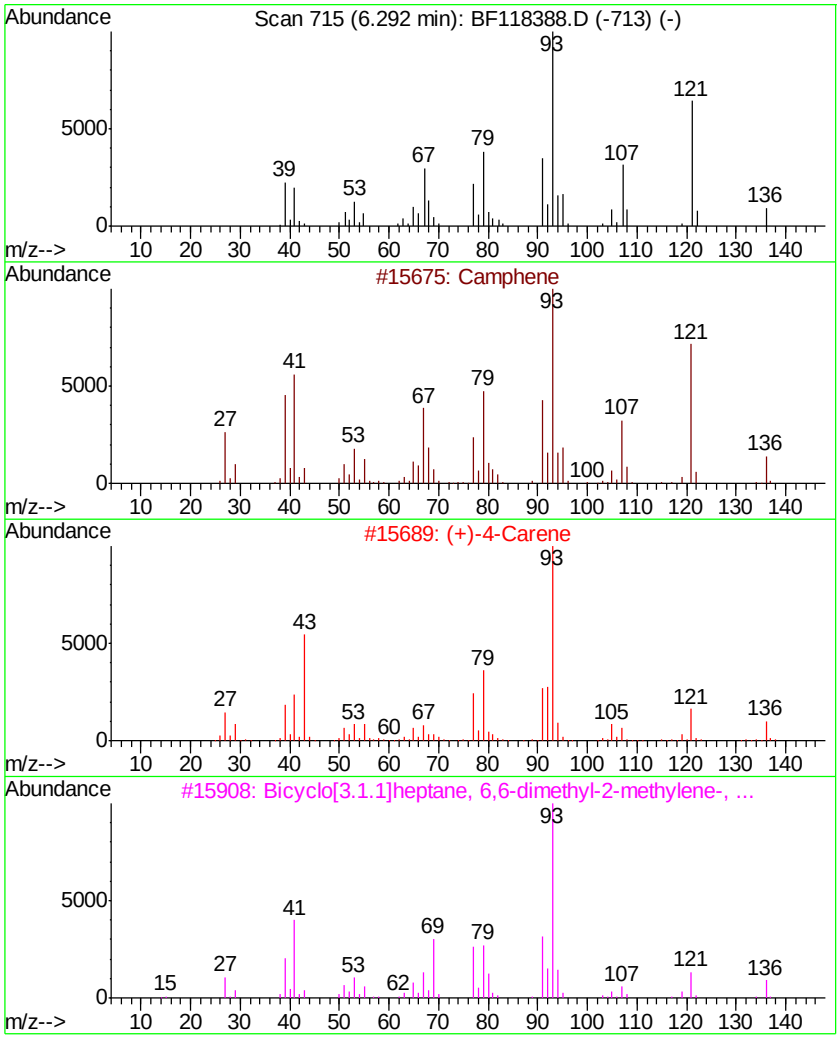
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

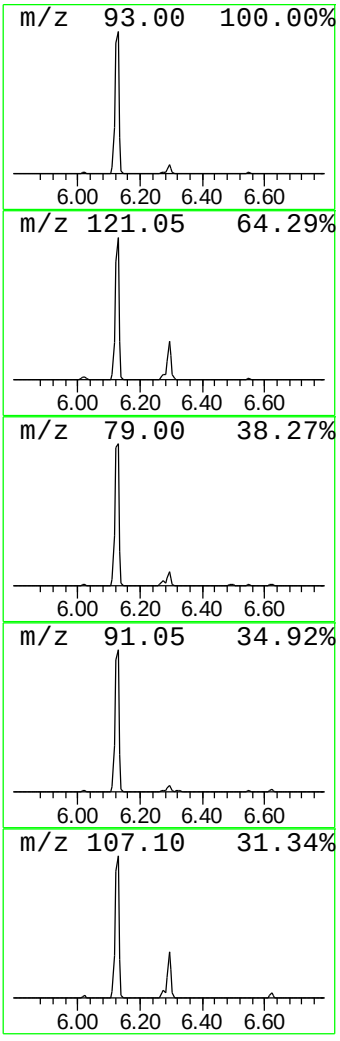
**********

Peak Number 3 Camphene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.29 | 3.45 ng | 129459 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Camphene | 136 | C10H16 | 000079-92-5 | 95 |
| 2 | (+)-4-Carene | 136 | C10H16 | 029050-33-7 | 64 |
| 3 | Bicyclo[3.1.1]heptane, 6,6-dimet... | 136 | C10H16 | 018172-67-3 | 59 |
| 4 | .beta.-Pinene | 136 | C10H16 | 000127-91-3 | 53 |
| 5 | Bicyclo[2.2.1]heptane, 7,7-dimet... | 136 | C10H16 | 000471-84-1 | 52 |



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Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

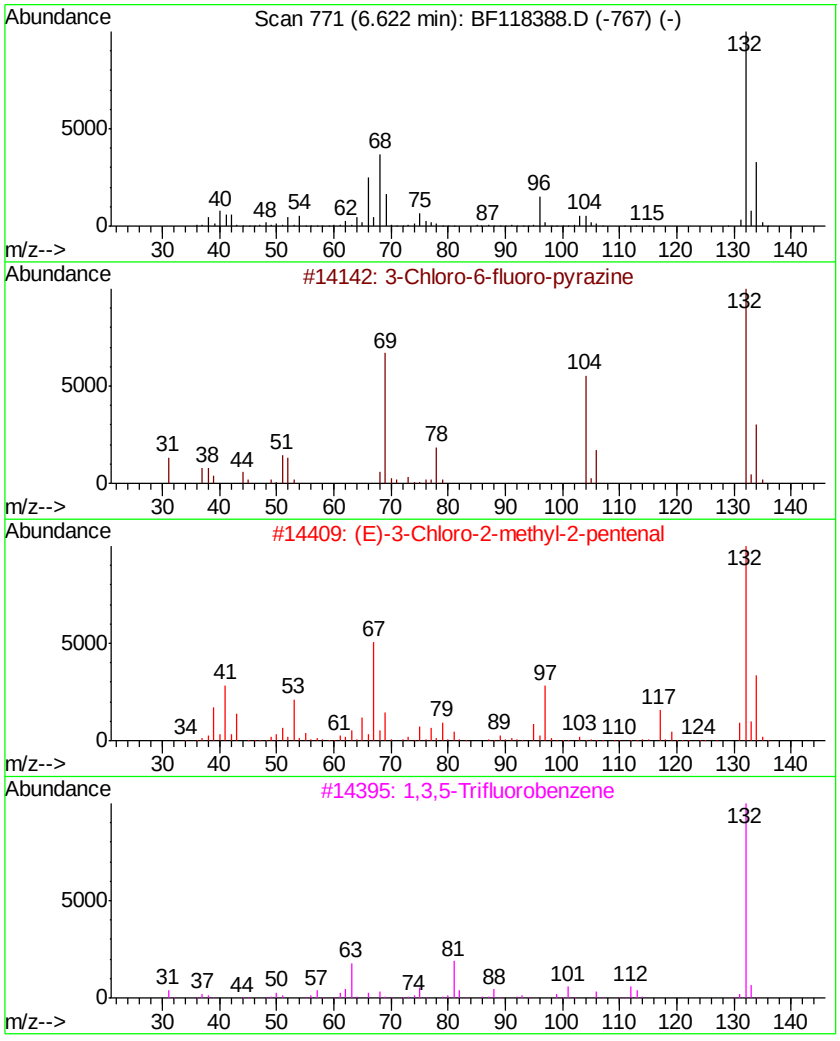
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

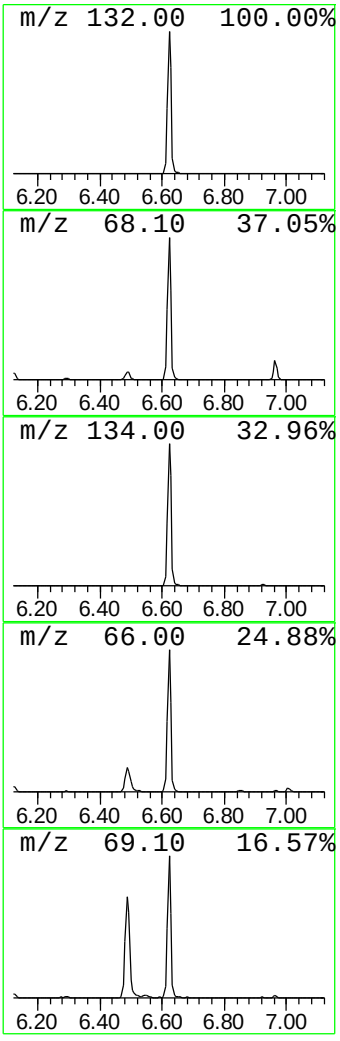
**********

Peak Number 4 unknown6.62 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.62 | 69.29 ng | 2600770 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 35 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 17 |
| 3 | 1,3,5-Trifluorobenzene | 132 | C6H3F3 | 000372-38-3 | 9 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 5 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |



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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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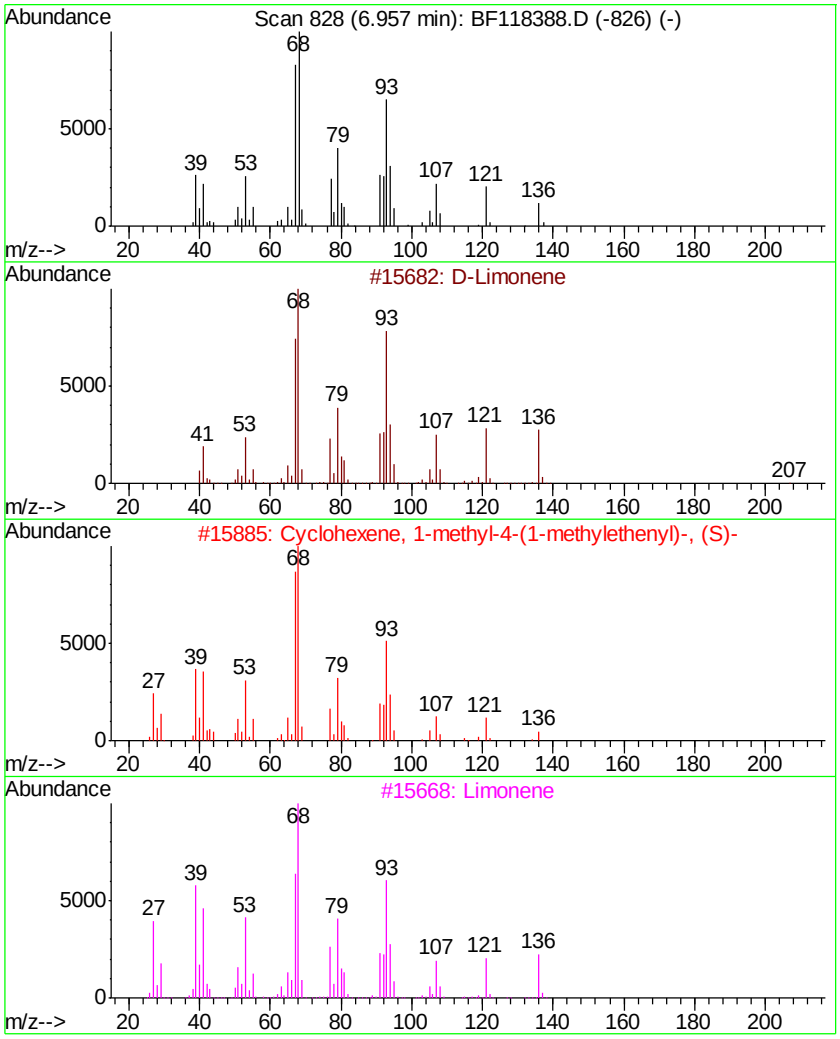
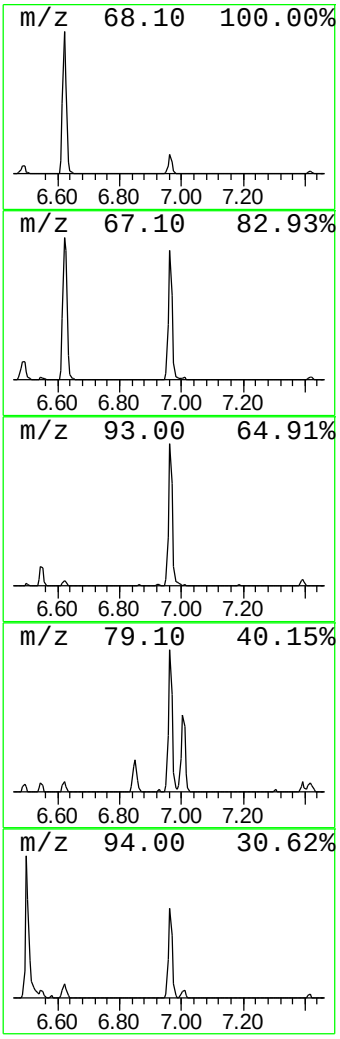
Peak Number 5 D-Limonene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.96 | 6.58 ng | 247169 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | D-Limonene | 136 | C10H16 | 005989-27-5 | 97 |
| 2 | Cyclohexene, 1-methyl-4-(1-methy... | 136 | C10H16 | 005989-54-8 | 95 |
| 3 | Limonene | 136 | C10H16 | 000138-86-3 | 91 |
| 4 | Cyclohexene, 4-ethenyl-1,4-dimet... | 136 | C10H16 | 001743-61-9 | 76 |
| 5 | 1,5-Cyclooctadiene, 1,5-dimethyl- | 136 | C10H16 | 003760-14-3 | 60 |



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Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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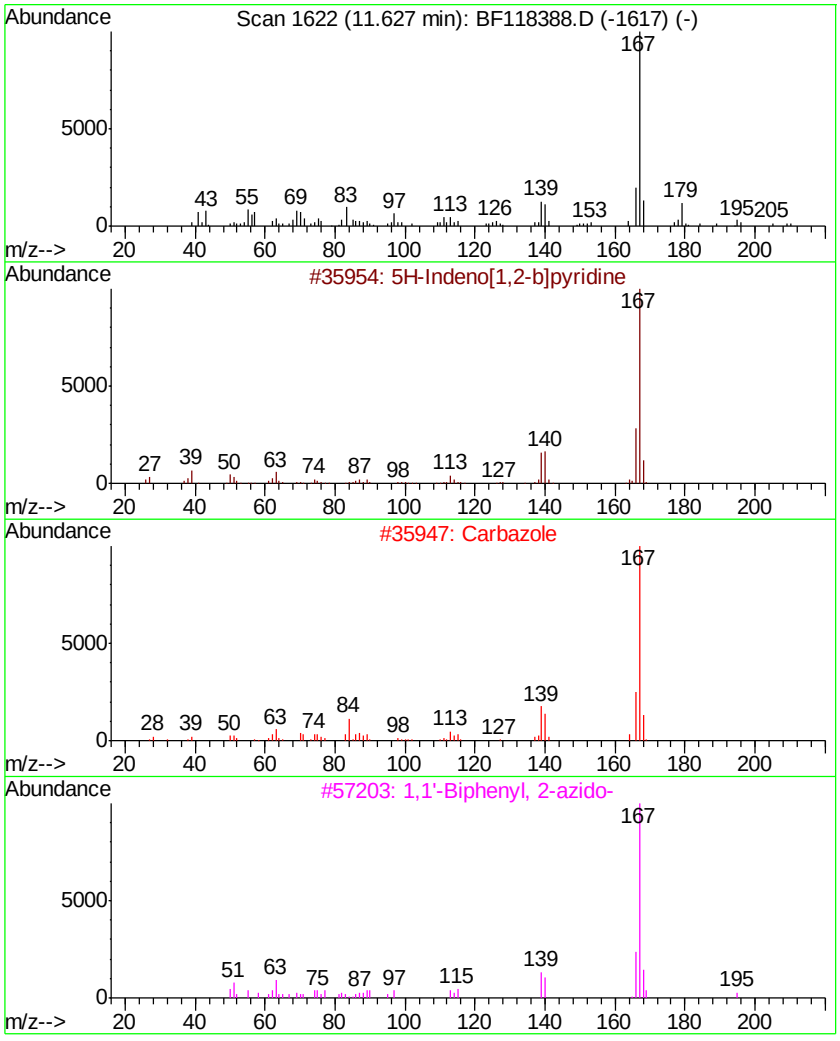
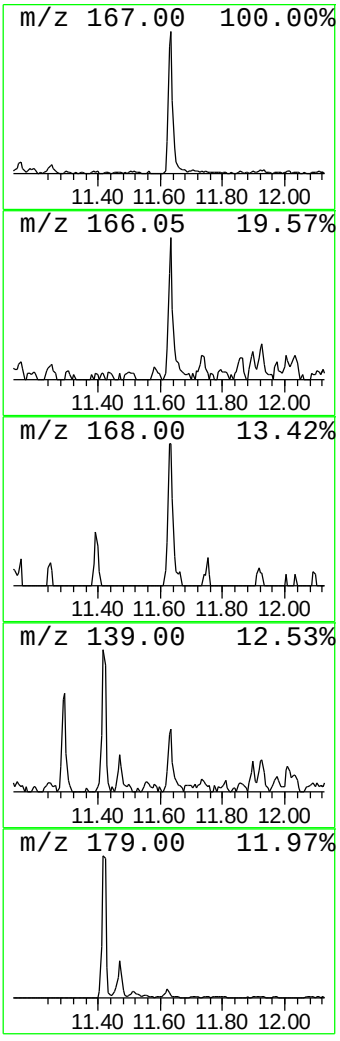
Peak Number 7 5H-Indeno[1,2-b]pyridine Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.63 | 3.26 ng | 211644 | Phenanthrene-d10 | 11.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 93 |
| 2 | Carbazole | 167 | C12H9N | 000086-74-8 | 93 |
| 3 | 1,1'-Biphenyl, 2-azido- | 195 | C12H9N3 | 007599-23-7 | 87 |
| 4 | 9H-Carbazole-9-methanol | 197 | C13H11NO | 002409-36-1 | 80 |
| 5 | D-Galactitol, 2-(acetylmethylami... | 363 | C16H29NO8 | 074410-42-7 | 80 |



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Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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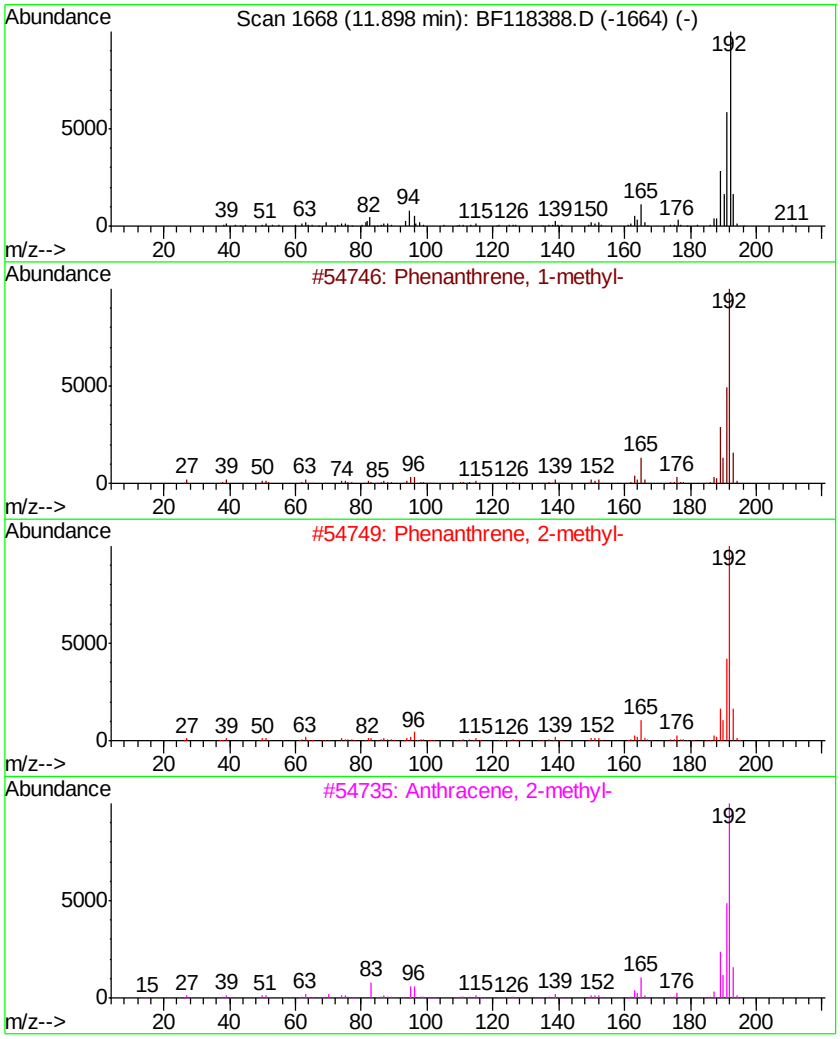
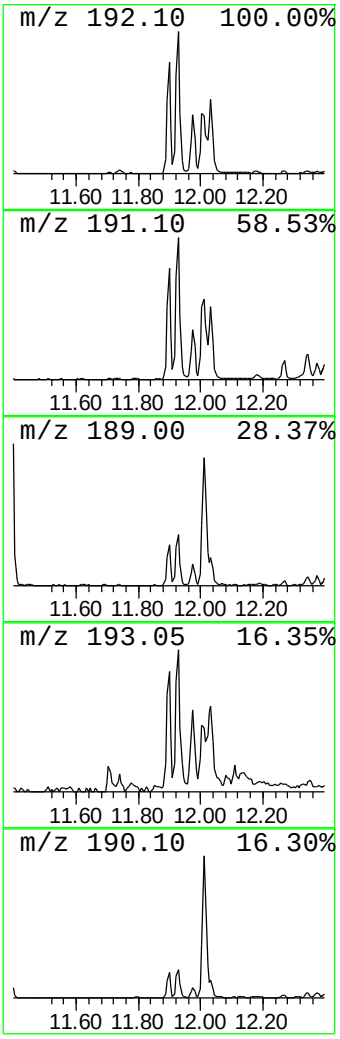
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.90 | 3.17 ng | 205377 | Phenanthrene-d10 | 11.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 94 |



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Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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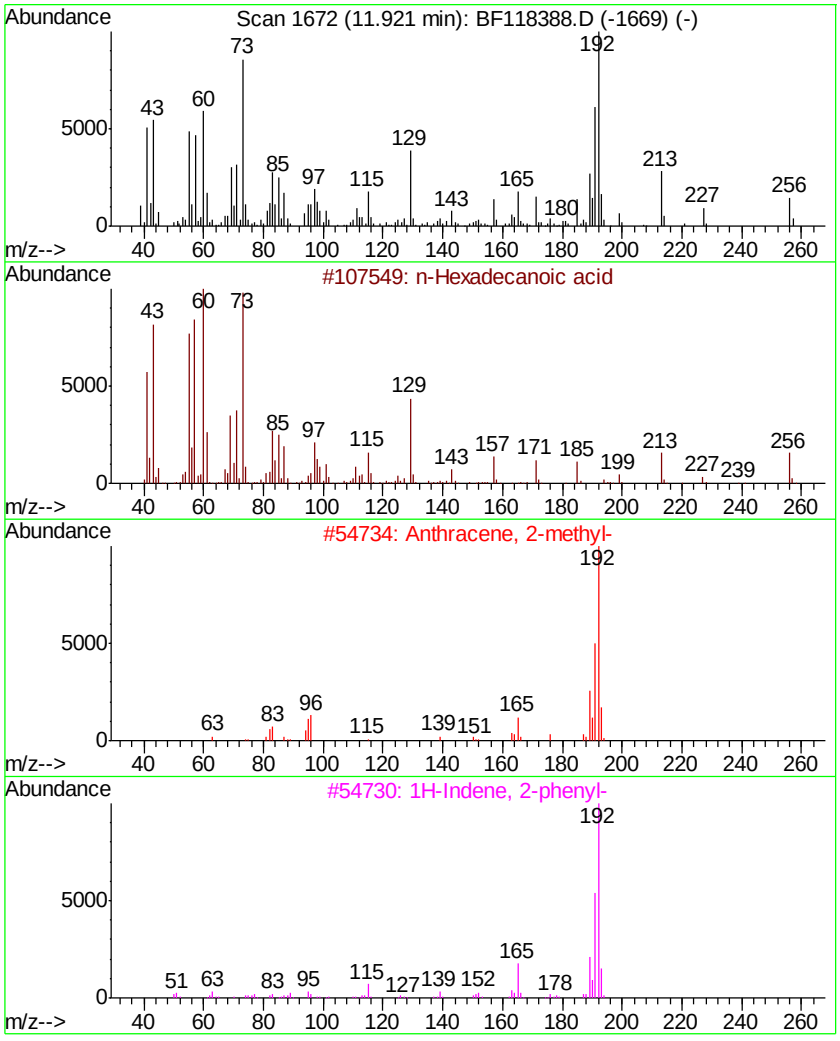
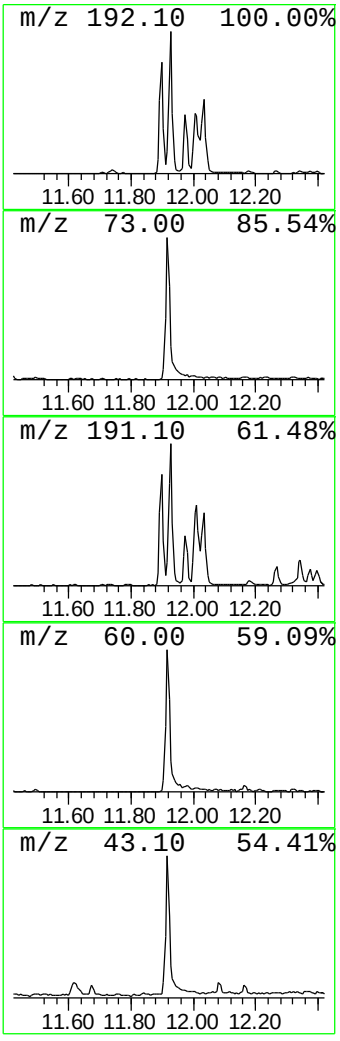
Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.92 | 11.99 ng | 777421 | Phenanthrene-d10 | 11.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 89 |
| 3 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 86 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 84 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 81 |



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Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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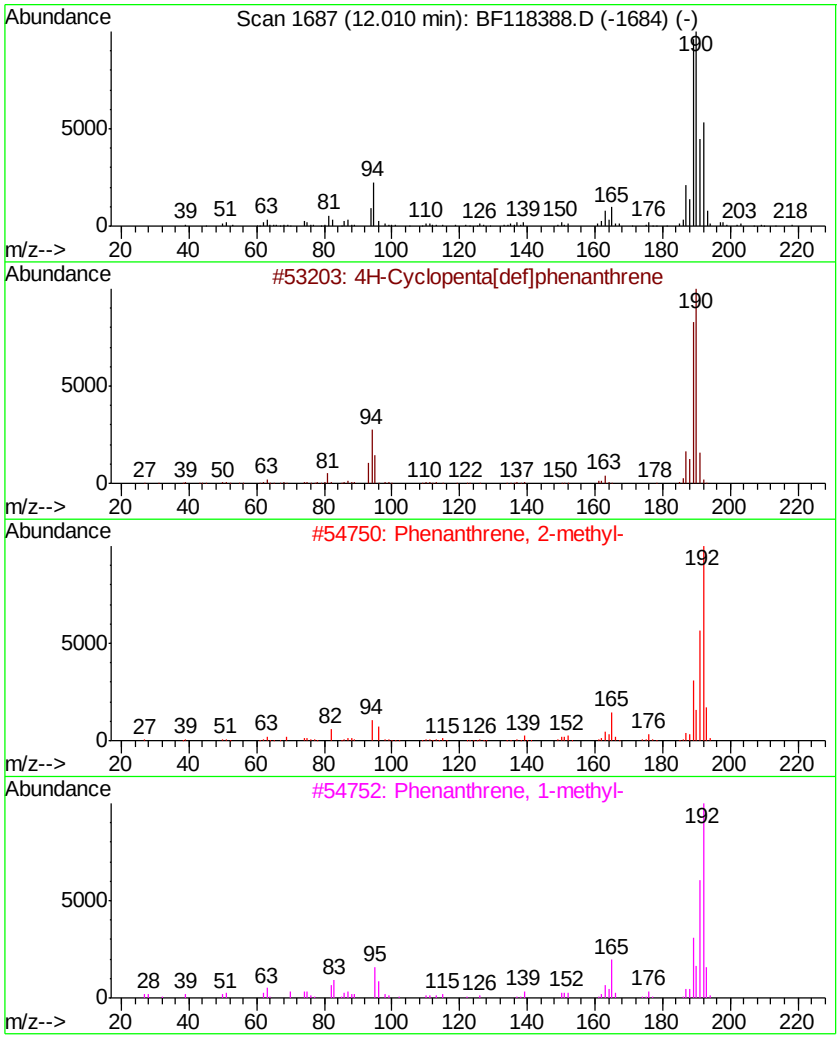
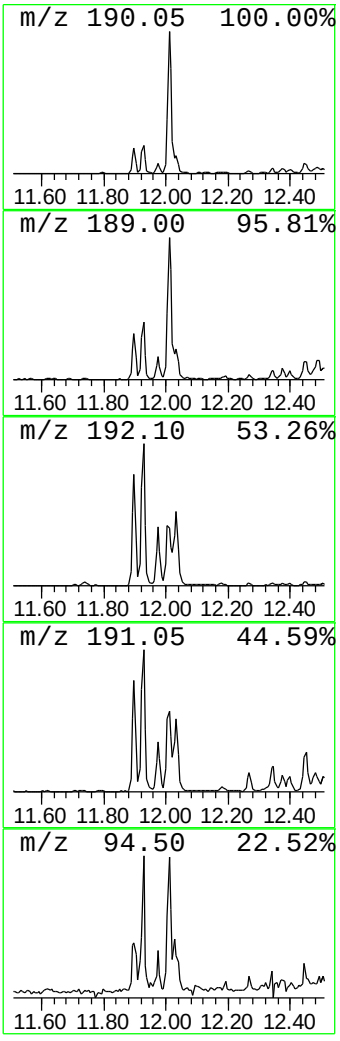
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.01 | 4.80 ng | 311583 | Phenanthrene-d10 | 11.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 70 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 22 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 18 |
| 4 | Propyne, 1,3-diphenyl- | 192 | C15H12 | 004980-70-5 | 18 |
| 5 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 14 |



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Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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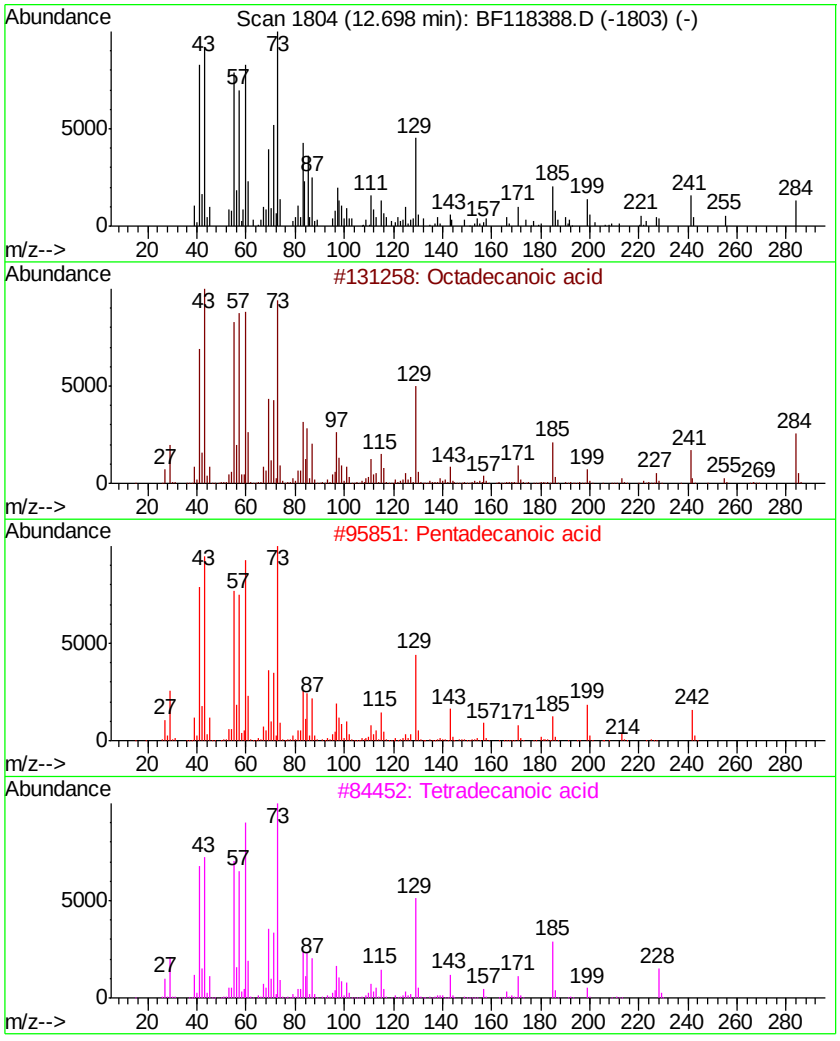
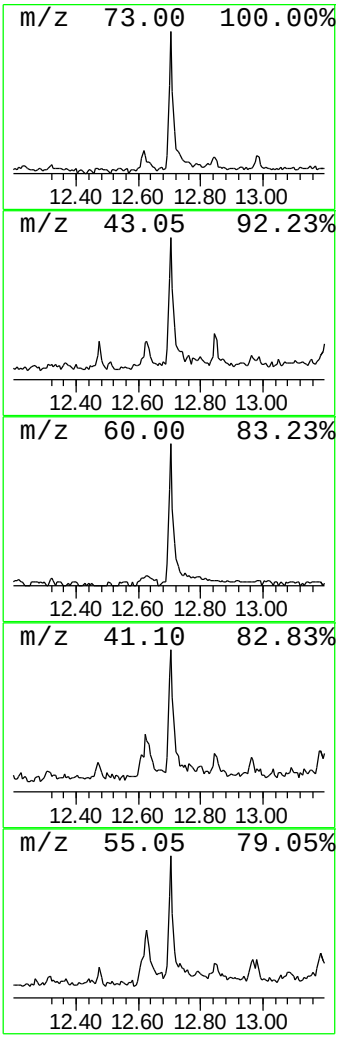
Peak Number 11 Octadecanoic acid Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.70 | 3.27 ng | 212159 | Phenanthrene-d10 | 11.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 89 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 70 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 68 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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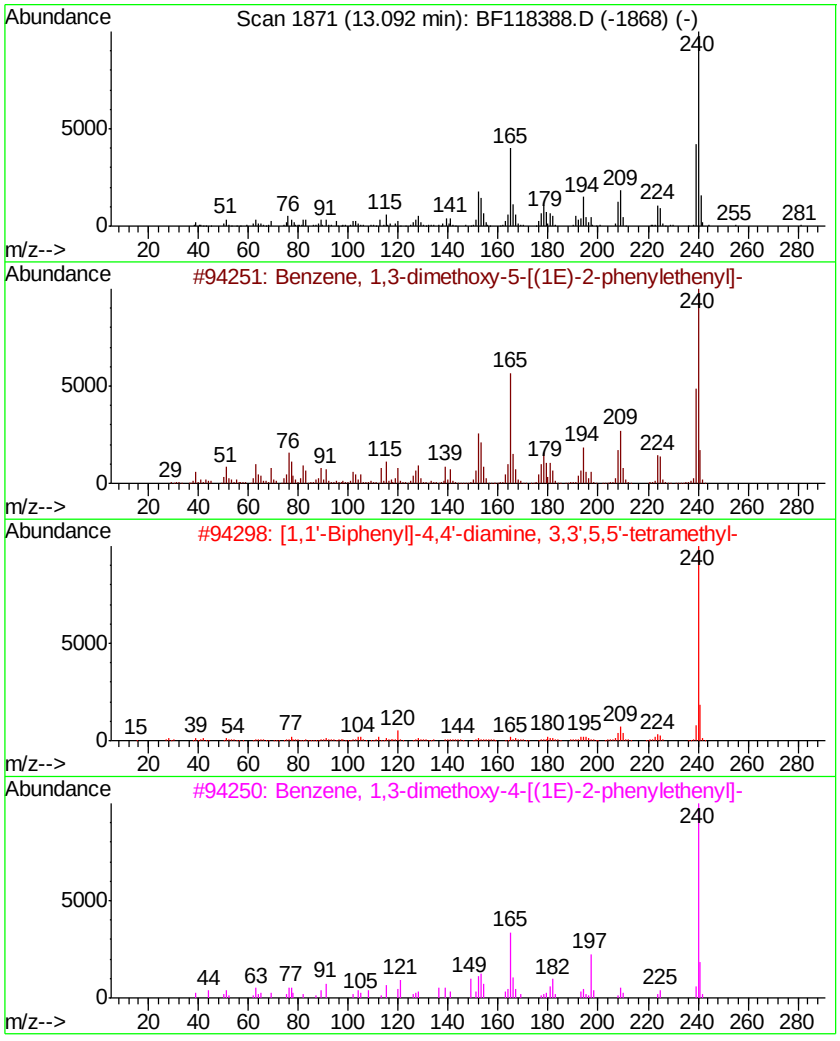
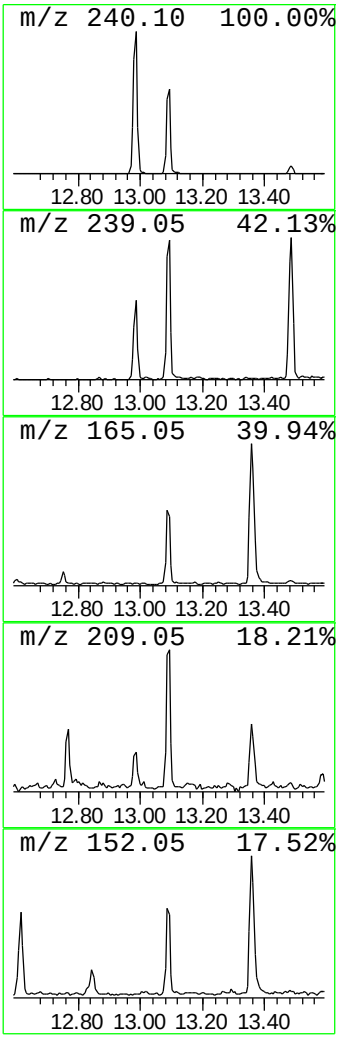
Peak Number 12 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.09 | 4.08 ng | 416629 | Chrysene-d12 | 14.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethoxy-5-[(1E)-2... | 240 | C16H16O2 | 021956-56-9 | 99 |
| 2 | [1,1'-Biphenyl]-4,4'-diamine, 3,... | 240 | C16H20N2 | 054827-17-7 | 55 |
| 3 | Benzene, 1,3-dimethoxy-4-[(1E)-2... | 240 | C16H16O2 | 1000368-46-0 | 50 |
| 4 | 9H-Carbazole, 9-ethyl-3-nitro- | 240 | C14H12N2O2 | 000086-20-4 | 46 |
| 5 | Naphtho[2,1-b:7,8-b']difuran, 1,... | 240 | C16H16O2 | 068873-21-2 | 41 |



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Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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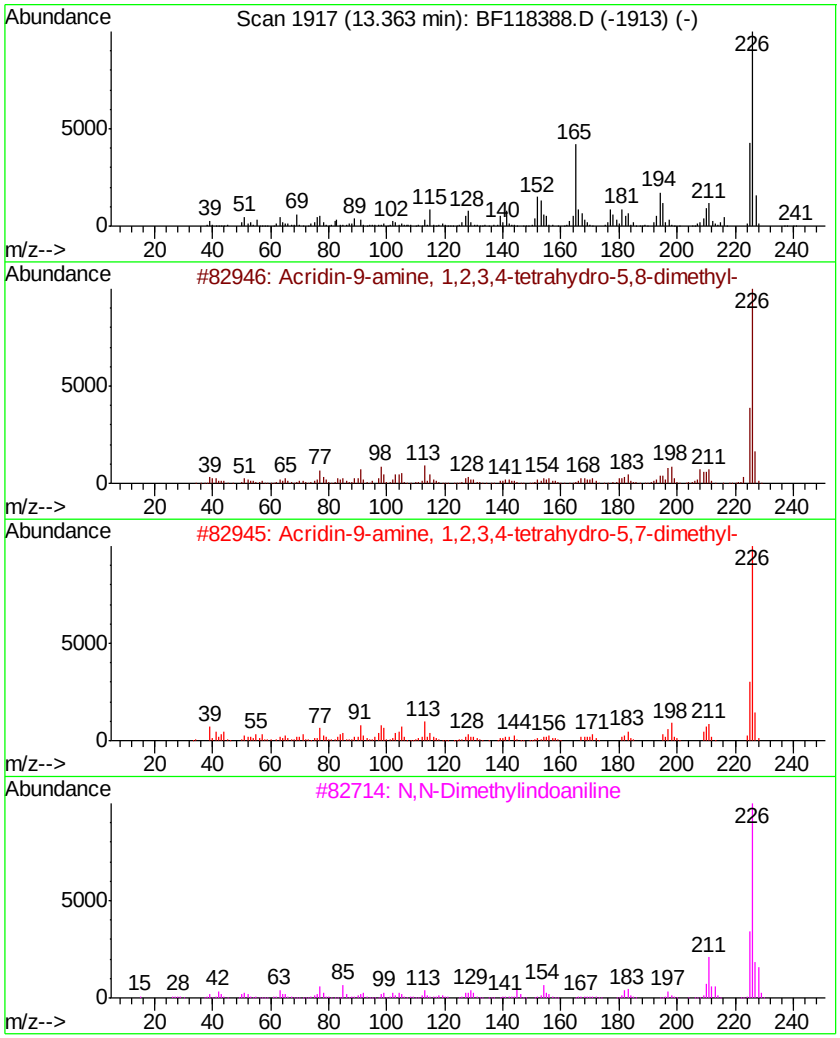
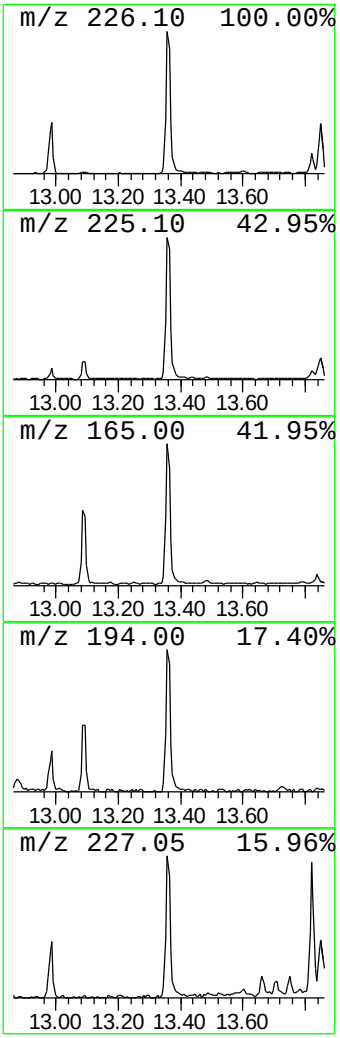
Peak Number 13 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.36 | 9.16 ng | 935684 | Chrysene-d12 | 14.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acridin-9-amine, 1,2,3,4-tetrahy... | 226 | C15H18N2 | 297758-19-1 | 70 |
| 2 | Acridin-9-amine, 1,2,3,4-tetrahy... | 226 | C15H18N2 | 1000300-57-6 | 58 |
| 3 | N,N-Dimethylindoaniline | 226 | C14H14N2O | 002150-58-5 | 53 |
| 4 | 9H-Pyrido[3,4-b]indole, 7-methox... | 226 | C14H14N2O | 143502-37-8 | 52 |
| 5 | 2-Furfurylidene-7-hydroxy-1-inda... | 226 | C14H10O3 | 1000244-80-4 | 46 |



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Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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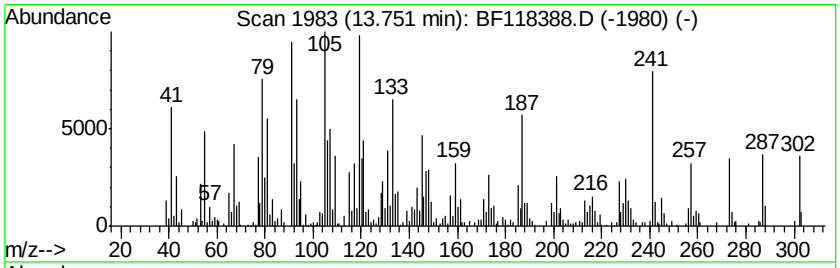
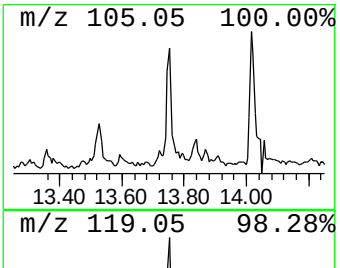
Peak Number 14 unknown13.75 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.75 | 4.37 ng | 446379 | Chrysene-d12 | 14.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,6-Diethyl-4-(4-methoxyphenyl)p... | 241 | C16H19NO | 073669-46-2 | 15 |
| 2 | 1,2,4-Triazole-3,5-dione, 1-(1-i... | 257 | C14H15N3O2 | 1000154-45-7 | 11 |
| 3 | 7-epi-trans-sesquisabinene hydrate | 222 | C15H26O | 1000374-17-7 | 11 |
| 4 | .beta.-curcumene | 204 | C15H24 | 1000374-17-4 | 11 |
| 5 | 3,5-Bis(trifluoromethyl)benzamide | 257 | C9H5F6NO | 022227-26-5 | 11 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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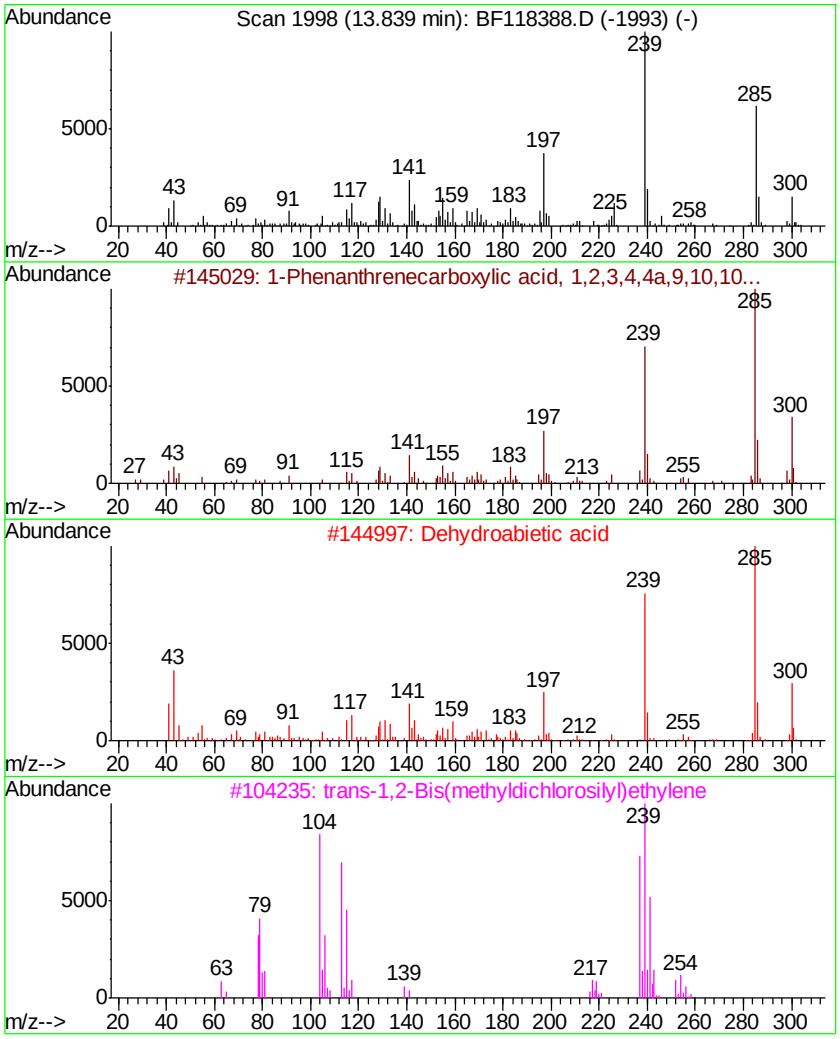
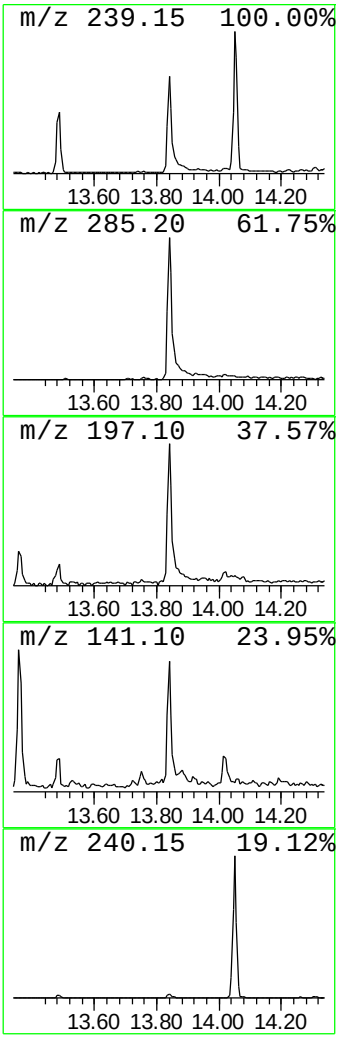
Peak Number 15 1-Phenanthrenecarboxylic ac... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.84 | 8.17 ng | 834574 | Chrysene-d12 | 14.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenanthrenecarboxylic acid, 1... | 300 | C20H28O2 | 005155-70-4 | 93 |
| 2 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 93 |
| 3 | trans-1,2-Bis(methyldichlorosilv... | 252 | C4H8Cl4Si2 | 065899-10-7 | 86 |
| 4 | Butanoic acid, 2-(cyano)(2,4,6-t... | 300 | C17H20N2O3 | 1000267-71-7 | 74 |
| 5 | Ethyl 4-hydroxy-7-trifluoromethy... | 285 | C13H10F3NO3 | 000391-02-6 | 52 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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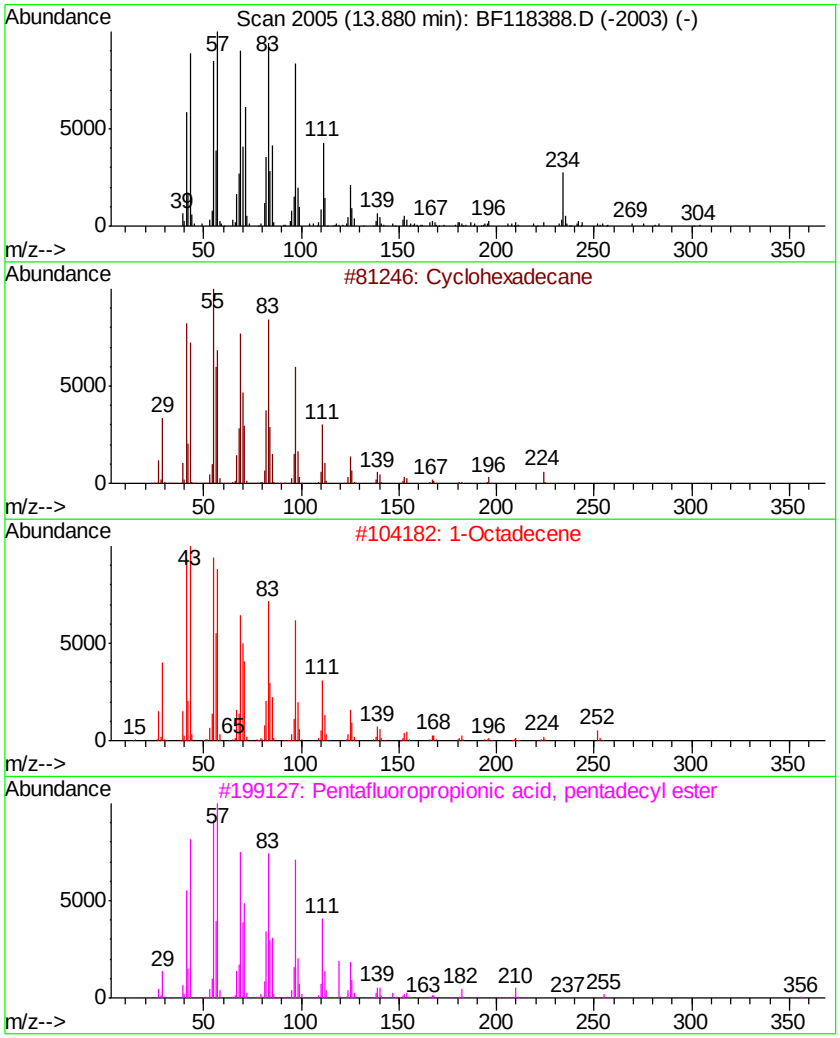
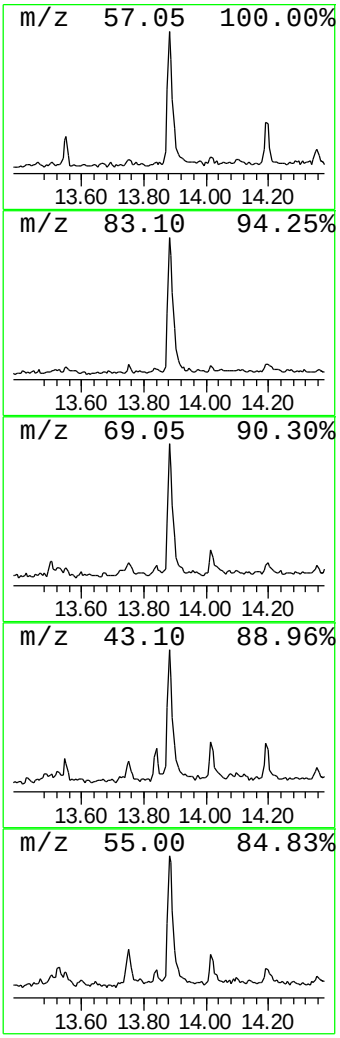
Peak Number 16 Cyclohexadecane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.88 | 7.20 ng | 736091 | Chrysene-d12 | 14.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 98 |
| 2 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 97 |
| 3 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |
| 4 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

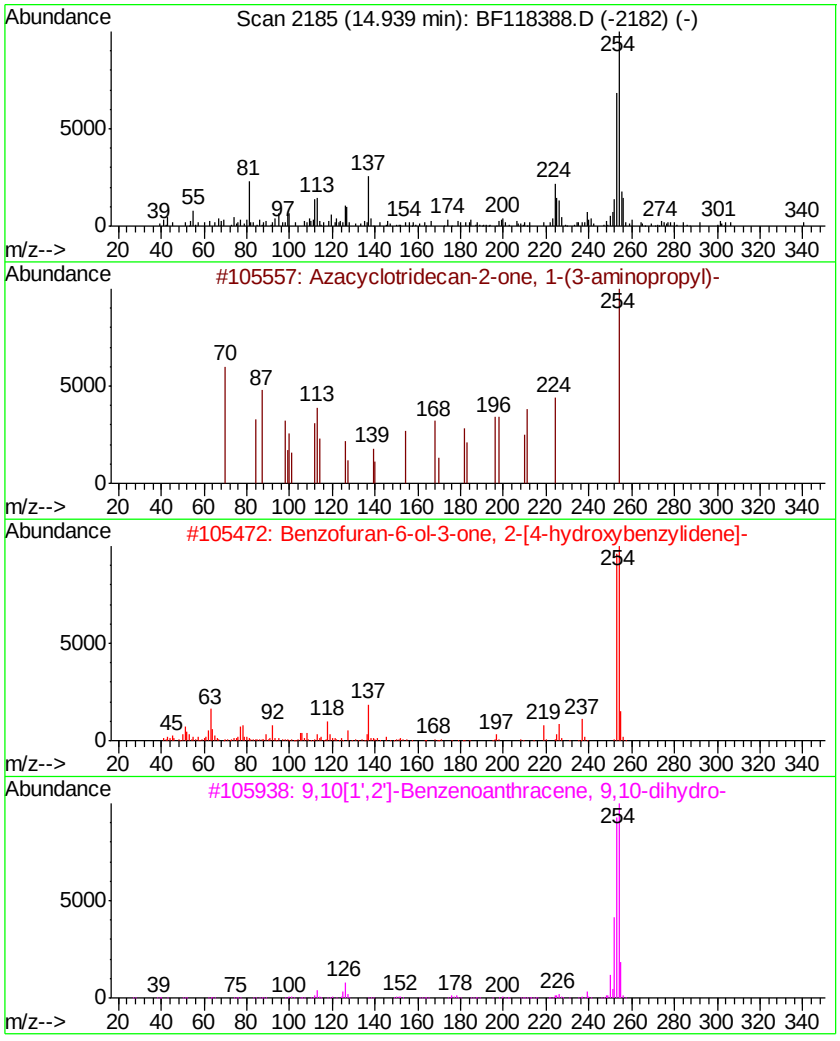
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

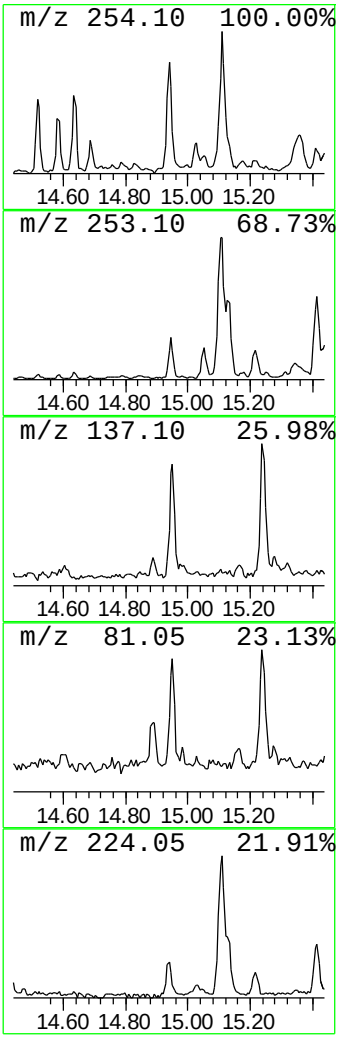
**********

Peak Number 17 Azacyclotridecan-2-one, 1-(... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.94 | 3.32 ng | 170981 | Perylene-d12 | 15.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Azacyclotridecan-2-one, 1-(3-ami... | 254 | C15H30N2O | 064414-61-5 | 92 |
| 2 | Benzofuran-6-ol-3-one, 2-[4-hydr... | 254 | C15H10O4 | 1000128-64-9 | 64 |
| 3 | 9,10[1',2']-Benzenoanthracene, 9... | 254 | C20H14 | 000477-75-8 | 64 |
| 4 | 9H-Fluorene, 9-(phenylmethylene)- | 254 | C20H14 | 001836-87-9 | 52 |
| 5 | 4,6'-Biazulenyl | 254 | C20H14 | 094154-49-1 | 52 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

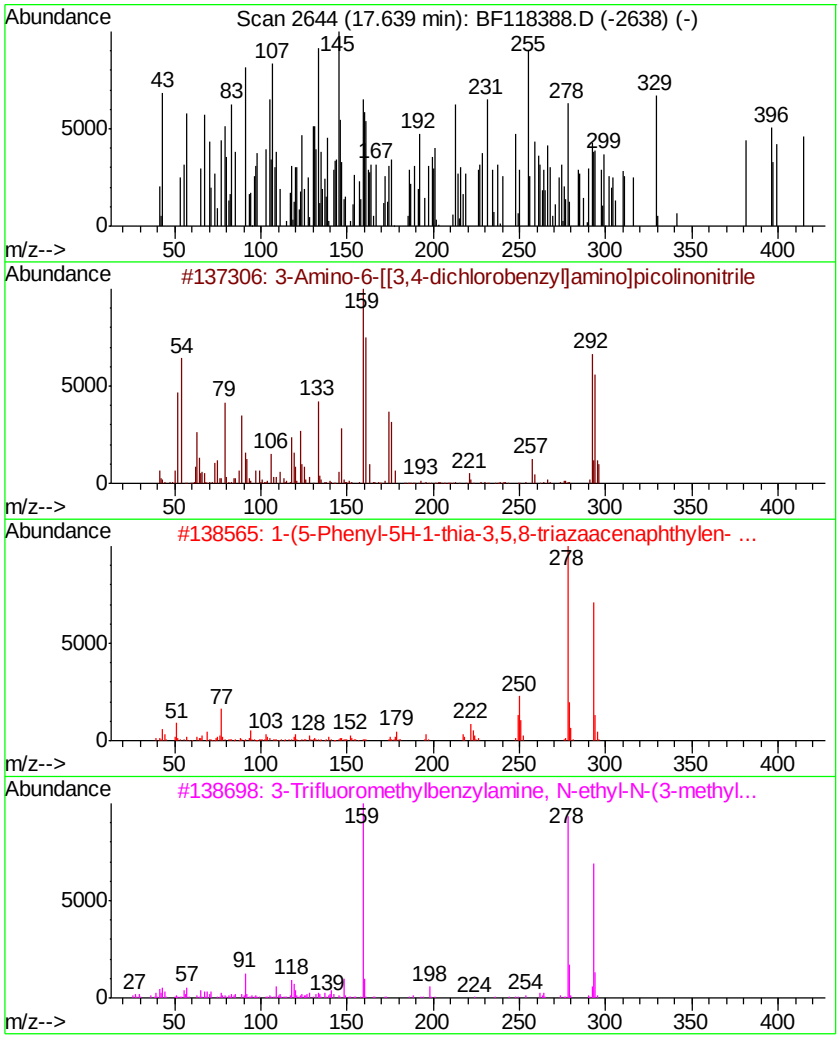
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

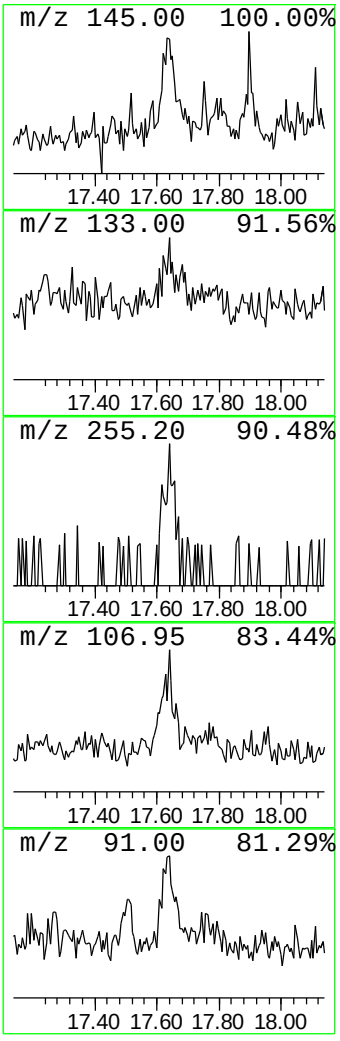
**********

Peak Number 19 3-Amino-6-[[3,4-dichloroben... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.64 | 3.61 ng | 185576 | Perylene-d12 | 15.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Amino-6-[[3,4-dichlorobenzyl]a... | 292 | C13H10Cl2N4 | 093683-87-5 | 15 |
| 2 | 1-(5-Phenyl-5H-1-thia-3,5,8-tria... | 293 | C16H11N3OS | 1000311-97-9 | 10 |
| 3 | 3-Trifluoromethylbenzylamine, N-... | 293 | C17H18F3N | 1000310-29-0 | 10 |
| 4 | 6-(2-Chlorophenyl)benzo[4,5]imid... | 329 | C20H12ClN3 | 070371-89-0 | 9 |
| 5 | 3,5-Bis(trifluoromethyl)bromoben... | 292 | C8H3BrF6 | 000328-70-1 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

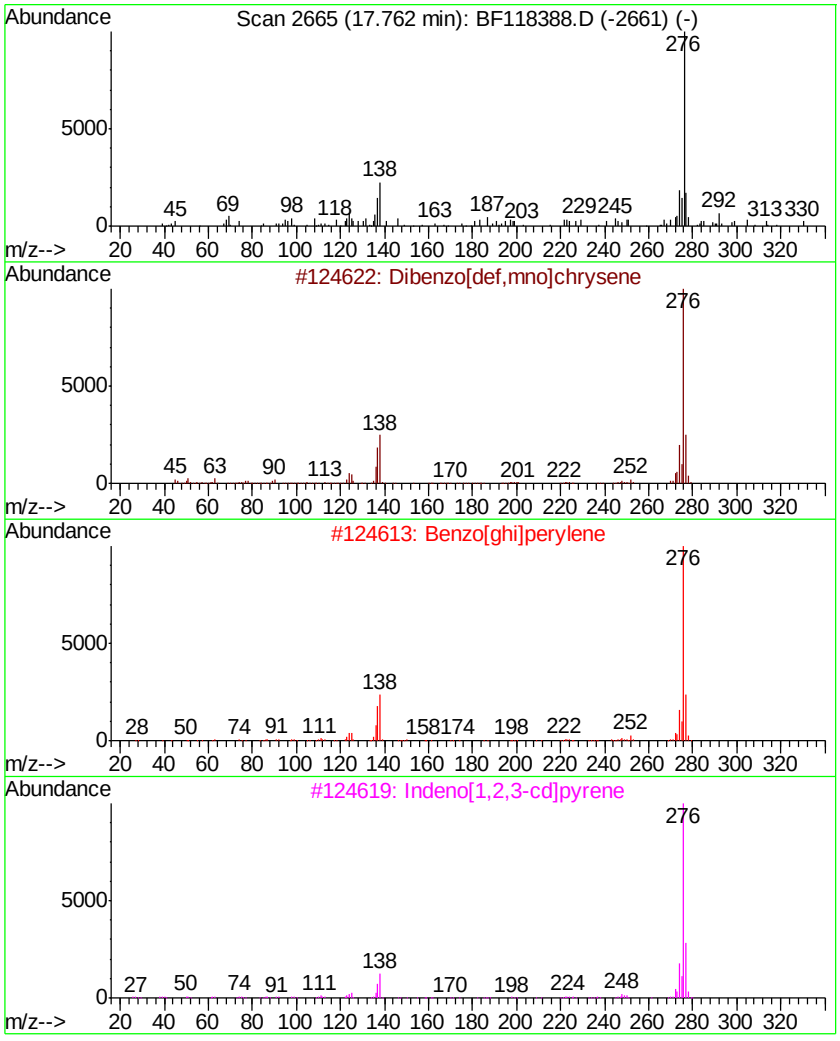
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

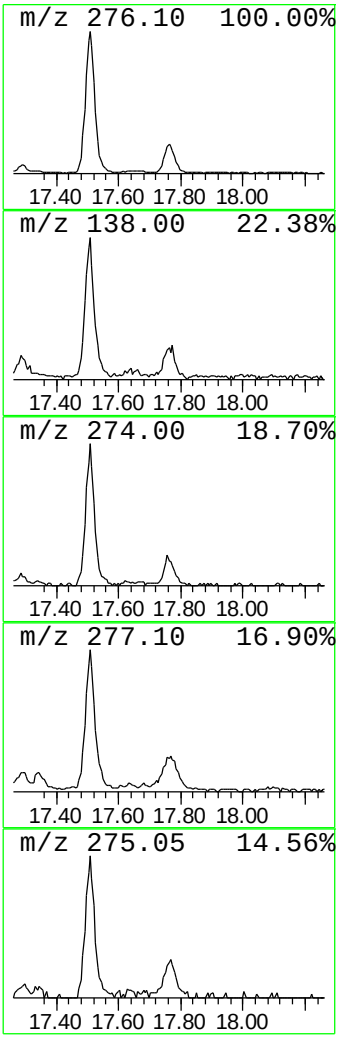
**********

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.76 | 3.45 ng | 177251 | Perylene-d12 | 15.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzo[def,mno]chrysene | 276 | C22H12 | 000191-26-4 | 95 |
| 2 | Benzo[ghi]perylene | 276 | C22H12 | 000191-24-2 | 93 |
| 3 | Indeno[1,2,3-cd]pyrene | 276 | C22H12 | 000193-39-5 | 81 |
| 4 | 1H-Cyclopenta[4,5]pyrido[1,2-a]b... | 276 | C17H16N4 | 329707-31-5 | 59 |
| 5 | Oxalic acid, diamide, N,N'-bis(4... | 276 | C14H10F2N2O2 | 1000309-42-9 | 53 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF123019\
Data File : BF118388.D
Acq On : 30 Dec 2019 18:37
Operator : JU
Sample : K6441-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** K321-WC-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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 |
| 2-Pentanone, 4-hy... | 5.06 | 10.8 | ng | 405316 | 1 | 6.85 | 750714 | 20.0 |
| (1S)-2,6,6-Trimet... | 6.13 | 48.5 | ng | 1820830 | 1 | 6.85 | 750714 | 20.0 |
| Camphene | 6.29 | 3.5 | ng | 129459 | 1 | 6.85 | 750714 | 20.0 |
| unknown6.62 | 6.62 | 69.3 | ng | 2600770 | 1 | 6.85 | 750714 | 20.0 |
| D-Limonene | 6.96 | 6.6 | ng | 247169 | 1 | 6.85 | 750714 | 20.0 |
| 5H-Indeno[1,2-b]p... | 11.63 | 3.3 | ng | 211644 | 4 | 11.39 | 1297190 | 20.0 |
| Phenanthrene, 1-m... | 11.90 | 3.2 | ng | 205377 | 4 | 11.39 | 1297190 | 20.0 |
| n-Hexadecanoic acid | 11.92 | 12.0 | ng | 777421 | 4 | 11.39 | 1297190 | 20.0 |
| 4H-Cyclopenta[def... | 12.01 | 4.8 | ng | 311583 | 4 | 11.39 | 1297190 | 20.0 |
| Octadecanoic acid | 12.70 | 3.3 | ng | 212159 | 4 | 11.39 | 1297190 | 20.0 |
| Benzene, 1,3-dime... | 13.09 | 4.1 | ng | 416629 | 5 | 14.05 | 2043430 | 20.0 |
| Acridin-9-amine, ... | 13.36 | 9.2 | ng | 935684 | 5 | 14.05 | 2043430 | 20.0 |
| unknown13.75 | 13.75 | 4.4 | ng | 446379 | 5 | 14.05 | 2043430 | 20.0 |
| 1-Phenanthrenecar... | 13.84 | 8.2 | ng | 834574 | 5 | 14.05 | 2043430 | 20.0 |
| Cyclohexadecane | 13.88 | 7.2 | ng | 736091 | 5 | 14.05 | 2043430 | 20.0 |
| Azacyclotridecan-... | 14.94 | 3.3 | ng | 170981 | 6 | 15.54 | 1028610 | 20.0 |
| 3-Amino-6-[[3,4-d... | 17.64 | 3.6 | ng | 185576 | 6 | 15.54 | 1028610 | 20.0 |
| Dibenzo[def,mno]c... | 17.76 | 3.4 | ng | 177251 | 6 | 15.54 | 1028610 | 20.0 |