LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

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-BF071620.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 | 5.028 | 496 | 500 | 508 | rVB | 63581 | 79216 | 1.80% | 0.192% |
| 2 | 5.428 | 563 | 568 | 571 | rBV | 3071403 | 3031684 | 68.71% | 7.344% |
| 3 | 6.445 | 735 | 741 | 744 | rBV | 2852041 | 3059683 | 69.35% | 7.412% |
| 4 | 6.639 | 771 | 774 | 787 | rBV | 132575 | 158139 | 3.58% | 0.383% |
| 5 | 6.810 | 800 | 803 | 807 | rBV | 1381515 | 1163835 | 26.38% | 2.819% |
| 6 | 7.375 | 894 | 899 | 902 | rBV | 2223222 | 2133464 | 48.35% | 5.168% |
| 7 | 8.092 | 1017 | 1021 | 1025 | rBV | 1644445 | 1514428 | 34.32% | 3.669% |
| 8 | 9.169 | 1199 | 1204 | 1208 | rBV | 3526997 | 3884453 | 88.04% | 9.410% |
| 9 | 9.286 | 1222 | 1224 | 1233 | rVB | 42712 | 47838 | 1.08% | 0.116% |
| 10 | 9.563 | 1267 | 1271 | 1279 | rBV | 597595 | 534997 | 12.13% | 1.296% |
| 11 | 9.851 | 1314 | 1320 | 1323 | rBV | 1704470 | 1713706 | 38.84% | 4.151% |
| 12 | 10.633 | 1448 | 1453 | 1471 | rBV | 2229992 | 2817388 | 63.85% | 6.825% |
| 13 | 10.757 | 1471 | 1474 | 1482 | rVB7 | 49125 | 82335 | 1.87% | 0.199% |
| 14 | 11.333 | 1567 | 1572 | 1574 | rBV | 2038600 | 1900496 | 43.07% | 4.604% |
| 15 | 11.357 | 1574 | 1576 | 1580 | rVV | 401825 | 356888 | 8.09% | 0.865% |
| 16 | 11.404 | 1582 | 1584 | 1588 | rVB | 76830 | 68536 | 1.55% | 0.166% |
| 17 | 11.663 | 1625 | 1628 | 1632 | rVB | 54691 | 47092 | 1.07% | 0.114% |
| 18 | 11.833 | 1653 | 1657 | 1659 | rBV | 152842 | 136493 | 3.09% | 0.331% |
| 19 | 11.863 | 1659 | 1662 | 1666 | rVB | 350684 | 319797 | 7.25% | 0.775% |
| 20 | 11.939 | 1672 | 1675 | 1678 | rBV2 | 149703 | 162459 | 3.68% | 0.394% |
| 21 | 11.968 | 1678 | 1680 | 1685 | rVB | 96636 | 86027 | 1.95% | 0.208% |
| 22 | 12.127 | 1699 | 1707 | 1709 | rBV3 | 77139 | 84366 | 1.91% | 0.204% |
| 23 | 12.151 | 1709 | 1711 | 1716 | rVB2 | 52473 | 57891 | 1.31% | 0.140% |
| 24 | 12.310 | 1735 | 1738 | 1740 | rBV | 76384 | 69536 | 1.58% | 0.168% |
| 25 | 12.380 | 1744 | 1750 | 1753 | rBV | 185031 | 192576 | 4.36% | 0.467% |
| 26 | 12.416 | 1753 | 1756 | 1759 | rVV2 | 91102 | 121394 | 2.75% | 0.294% |
| 27 | 12.463 | 1762 | 1764 | 1769 | rBV3 | 81909 | 97289 | 2.21% | 0.236% |
| 28 | 12.539 | 1774 | 1777 | 1782 | rVB | 446817 | 416985 | 9.45% | 1.010% |
| 29 | 12.586 | 1782 | 1785 | 1787 | rBV | 49384 | 50922 | 1.15% | 0.123% |
| 30 | 12.645 | 1792 | 1795 | 1798 | rBV3 | 44846 | 63348 | 1.44% | 0.153% |
| 31 | 12.768 | 1810 | 1816 | 1819 | rBV | 589808 | 552632 | 12.53% | 1.339% |
| 32 | 12.827 | 1823 | 1826 | 1830 | rVB2 | 84018 | 97161 | 2.20% | 0.235% |
| 33 | 12.886 | 1830 | 1836 | 1837 | rBV3 | 43454 | 59037 | 1.34% | 0.143% |
| 34 | 12.921 | 1837 | 1842 | 1845 | rBV2 | 4017042 | 4412169 | 100.00% | 10.688% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.992 | 1850 | 1854 | 1861 | rVB3 | 99166 | 166981 | 3.78% | 0.405% |
| 36 | 13.080 | 1865 | 1869 | 1871 | rBV3 | 94156 | 141877 | 3.22% | 0.344% |
| 37 | 13.098 | 1871 | 1872 | 1876 | rVB | 115752 | 74728 | 1.69% | 0.181% |
| 38 | 13.163 | 1878 | 1883 | 1886 | rBV3 | 78827 | 111483 | 2.53% | 0.270% |
| 39 | 13.204 | 1886 | 1890 | 1898 | rVB2 | 155158 | 161791 | 3.67% | 0.392% |
| 40 | 13.298 | 1902 | 1906 | 1908 | rBV | 134821 | 122716 | 2.78% | 0.297% |
| 41 | 13.327 | 1908 | 1911 | 1914 | rVB | 93593 | 87256 | 1.98% | 0.211% |
| 42 | 13.398 | 1920 | 1923 | 1929 | rVB4 | 82277 | 100332 | 2.27% | 0.243% |
| 43 | 13.492 | 1937 | 1939 | 1947 | rVB7 | 40070 | 69374 | 1.57% | 0.168% |
| 44 | 13.604 | 1956 | 1958 | 1963 | rVB | 96635 | 104731 | 2.37% | 0.254% |
| 45 | 13.715 | 1972 | 1977 | 1980 | rBV3 | 95127 | 158358 | 3.59% | 0.384% |
| 46 | 13.768 | 1984 | 1986 | 1991 | rVV2 | 60805 | 83371 | 1.89% | 0.202% |
| 47 | 13.833 | 1991 | 1997 | 2012 | rVB4 | 326976 | 853120 | 19.34% | 2.067% |
| 48 | 13.968 | 2014 | 2020 | 2023 | rBV | 2026994 | 2307109 | 52.29% | 5.589% |
| 49 | 13.992 | 2023 | 2024 | 2032 | rVB | 488295 | 369049 | 8.36% | 0.894% |
| 50 | 14.133 | 2045 | 2048 | 2054 | rVB5 | 64958 | 83039 | 1.88% | 0.201% |
| 51 | 14.221 | 2061 | 2063 | 2066 | rVB2 | 57477 | 46471 | 1.05% | 0.113% |
| 52 | 14.351 | 2081 | 2085 | 2089 | rVV | 152191 | 223038 | 5.06% | 0.540% |
| 53 | 14.386 | 2089 | 2091 | 2095 | rVV2 | 126001 | 136762 | 3.10% | 0.331% |
| 54 | 14.439 | 2095 | 2100 | 2103 | rVV3 | 125882 | 199830 | 4.53% | 0.484% |
| 55 | 14.480 | 2103 | 2107 | 2115 | rVV3 | 129532 | 280021 | 6.35% | 0.678% |
| 56 | 14.551 | 2117 | 2119 | 2124 | rVB2 | 51430 | 56615 | 1.28% | 0.137% |
| 57 | 14.686 | 2139 | 2142 | 2147 | rVB2 | 30161 | 53986 | 1.22% | 0.131% |
| 58 | 14.739 | 2148 | 2151 | 2154 | rBV2 | 96175 | 112321 | 2.55% | 0.272% |
| 59 | 14.815 | 2159 | 2164 | 2175 | rVV | 570816 | 835086 | 18.93% | 2.023% |
| 60 | 14.904 | 2177 | 2179 | 2184 | rVB2 | 52700 | 57396 | 1.30% | 0.139% |
| 61 | 14.998 | 2190 | 2195 | 2198 | rBV | 503650 | 767566 | 17.40% | 1.859% |
| 62 | 15.074 | 2205 | 2208 | 2211 | rBV | 122716 | 122785 | 2.78% | 0.297% |
| 63 | 15.204 | 2224 | 2230 | 2234 | rBV4 | 43371 | 96529 | 2.19% | 0.234% |
| 64 | 15.292 | 2241 | 2245 | 2251 | rVB | 328960 | 398832 | 9.04% | 0.966% |
| 65 | 15.351 | 2251 | 2255 | 2261 | rVB | 224800 | 296729 | 6.73% | 0.719% |
| 66 | 15.415 | 2261 | 2266 | 2270 | rBV | 1204668 | 1607386 | 36.43% | 3.894% |
| 67 | 15.445 | 2270 | 2271 | 2279 | rVB2 | 186360 | 215777 | 4.89% | 0.523% |
| 68 | 15.762 | 2323 | 2325 | 2332 | rVB3 | 36046 | 50346 | 1.14% | 0.122% |
| 69 | 15.874 | 2340 | 2344 | 2350 | rVB | 102036 | 143861 | 3.26% | 0.349% |
| 70 | 15.968 | 2356 | 2360 | 2362 | rBV4 | 30537 | 51437 | 1.17% | 0.125% |
| 71 | 16.368 | 2423 | 2428 | 2432 | rBV3 | 45254 | 74748 | 1.69% | 0.181% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 16.662 | 2471 | 2478 | 2480 | rBV3 | 32967 | 71418 | 1.62% | 0.173% |
| 73 | 16.839 | 2502 | 2508 | 2518 | rVB2 | 125598 | 265008 | 6.01% | 0.642% |
| 74 | 16.939 | 2522 | 2525 | 2532 | rVB4 | 36193 | 71476 | 1.62% | 0.173% |
| 75 | 17.015 | 2533 | 2538 | 2542 | rBV2 | 29611 | 56272 | 1.28% | 0.136% |
| 76 | 17.068 | 2543 | 2547 | 2551 | rBV3 | 32944 | 60120 | 1.36% | 0.146% |
| 77 | 17.186 | 2563 | 2567 | 2573 | rVB7 | 42619 | 79281 | 1.80% | 0.192% |
| 78 | 17.262 | 2573 | 2580 | 2592 | rVB | 96931 | 223143 | 5.06% | 0.541% |
| 79 | 17.621 | 2638 | 2641 | 2650 | rVB6 | 24834 | 56241 | 1.27% | 0.136% |

Sum of corrected areas: 41280056

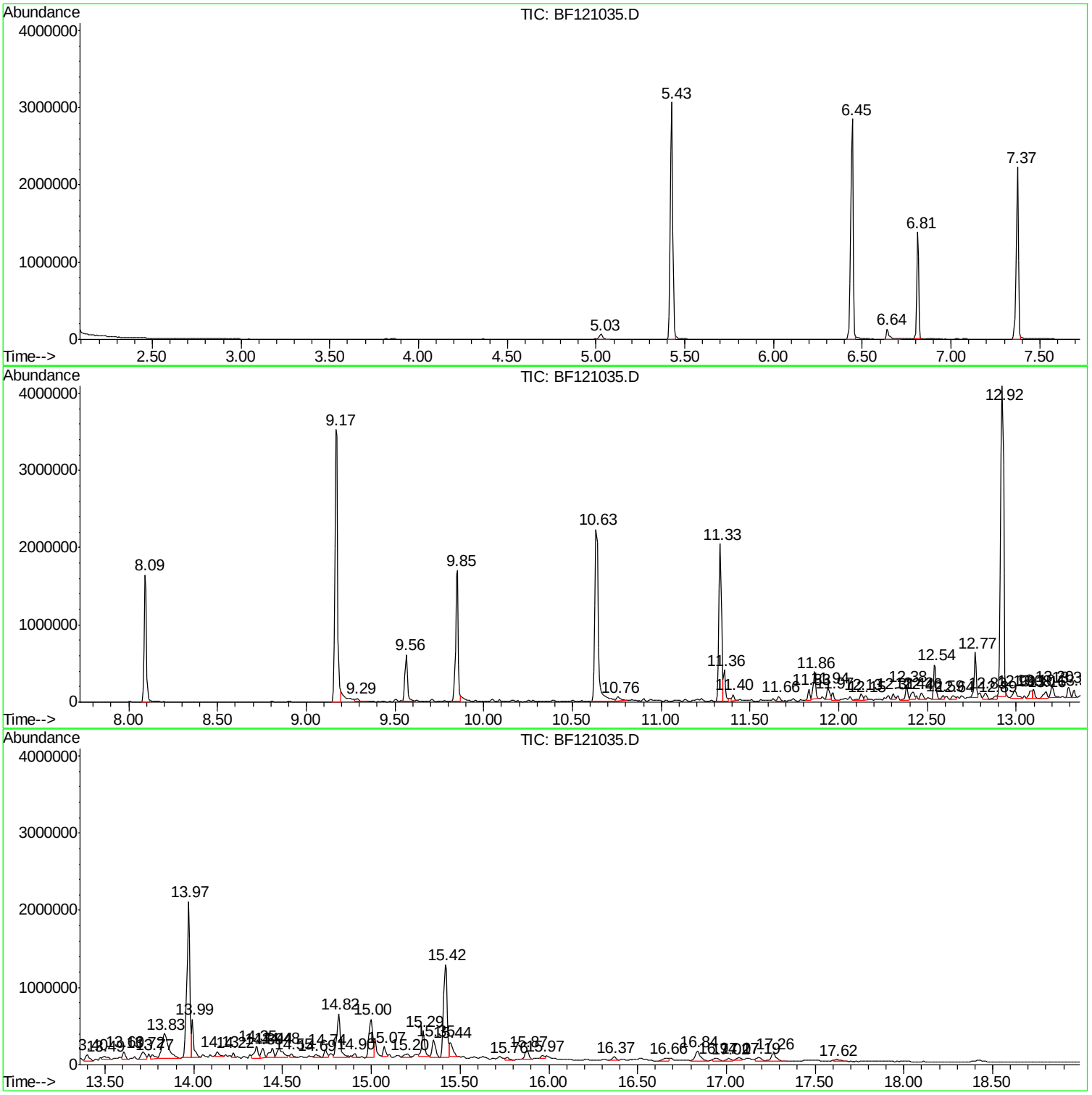
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

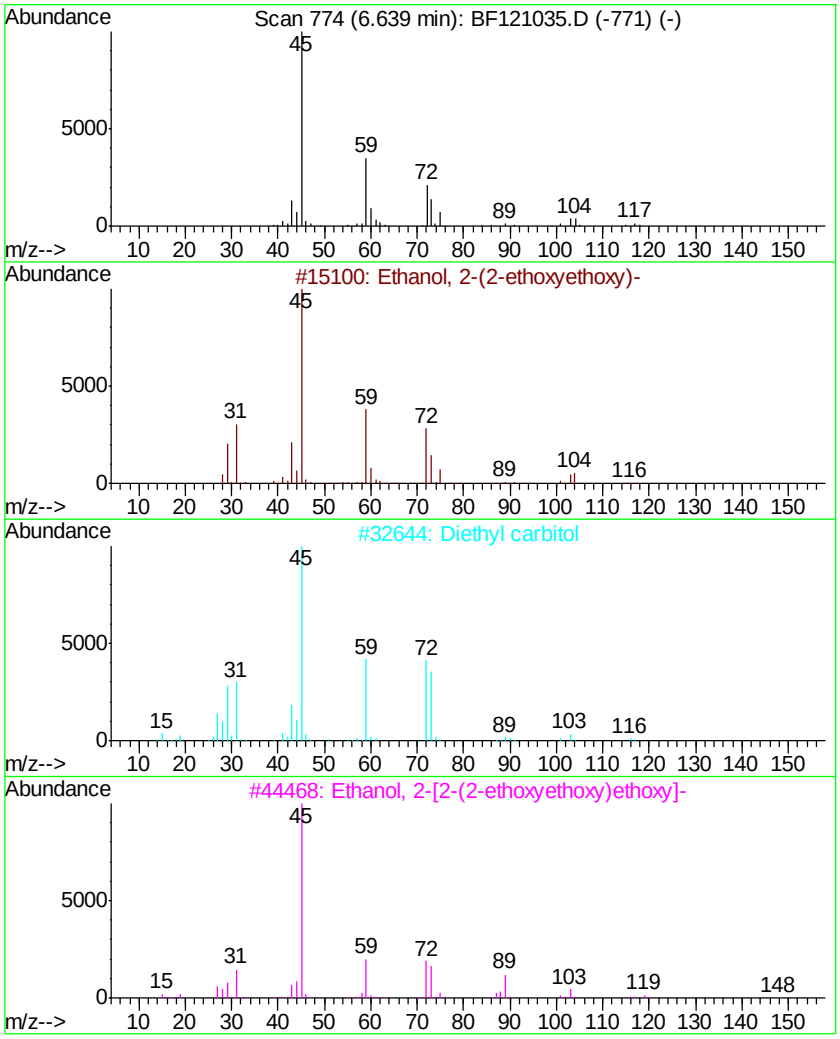
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

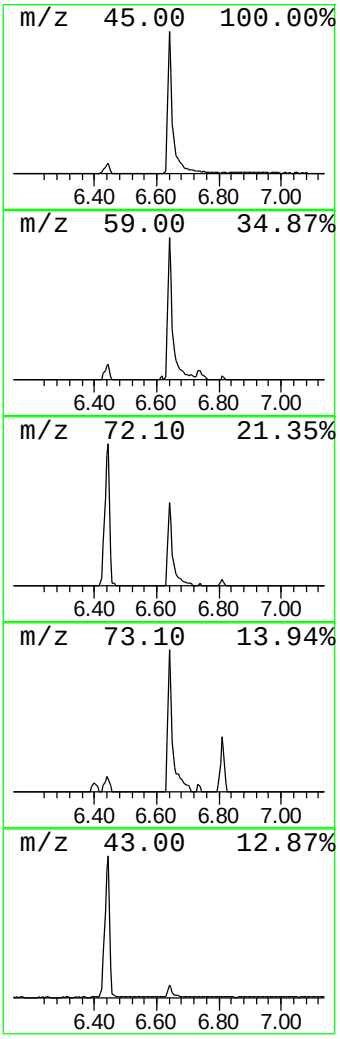
**********

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.64 | 2.72 ng | 158139 | 1,4-Dichlorobenzene-d4 | 6.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 90 |
| 2 | Diethyl carbitol | 162 | C8H18O3 | 000112-36-7 | 72 |
| 3 | Ethanol, 2-[2-(2-ethoxyethoxy)et... | 178 | C8H18O4 | 000112-50-5 | 64 |
| 4 | 2-Propanol, 1-(1-methylethoxy)- | 118 | C6H14O2 | 003944-36-3 | 45 |
| 5 | Ethanol, 2-(2-methoxyethoxy)- | 120 | C5H12O3 | 000111-77-3 | 42 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

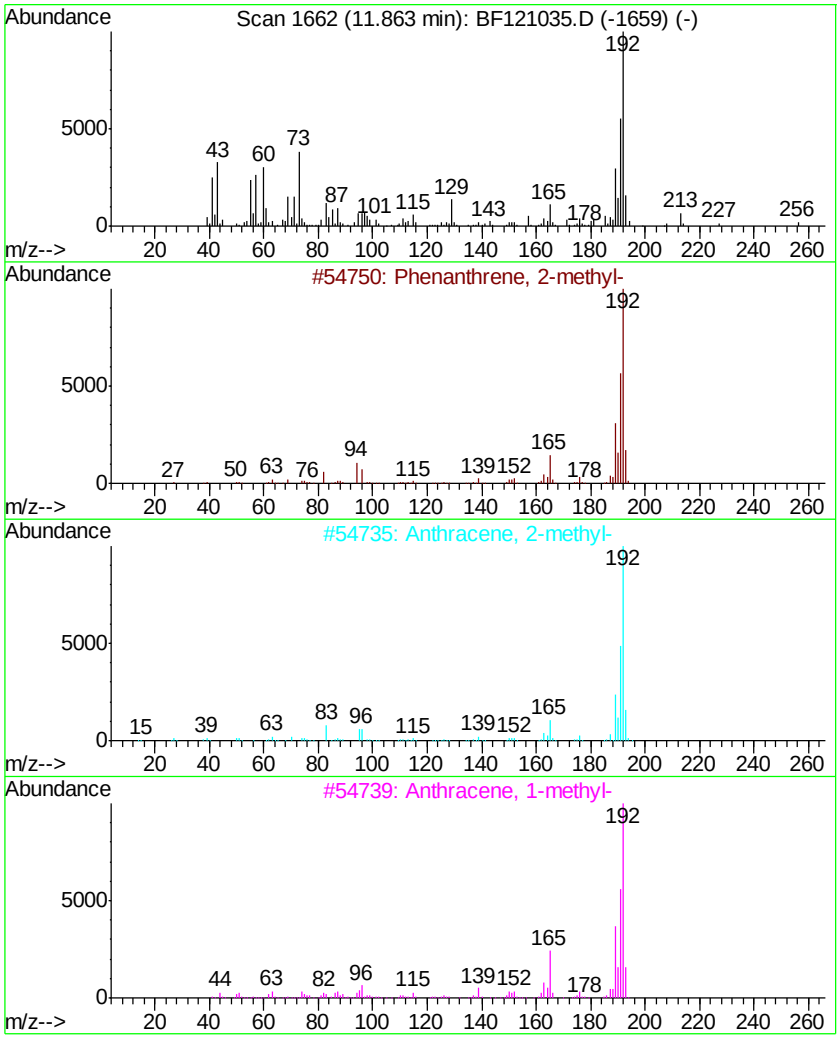
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

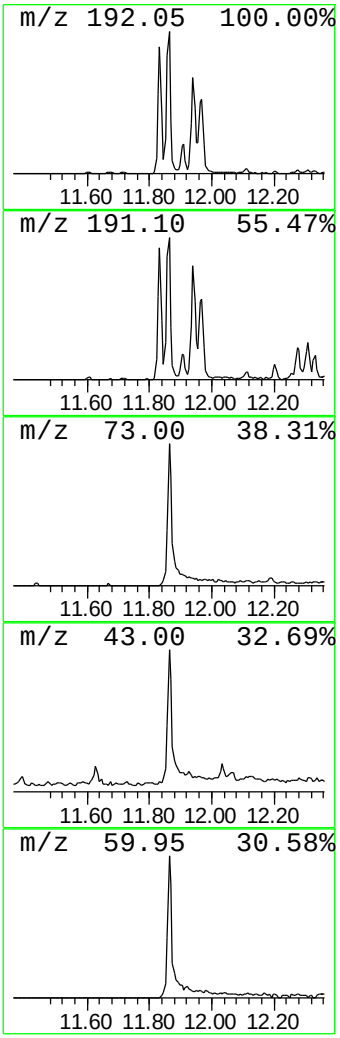
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.86 | 3.37 ng | 319797 | Phenanthrene-d10 | 11.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 95 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

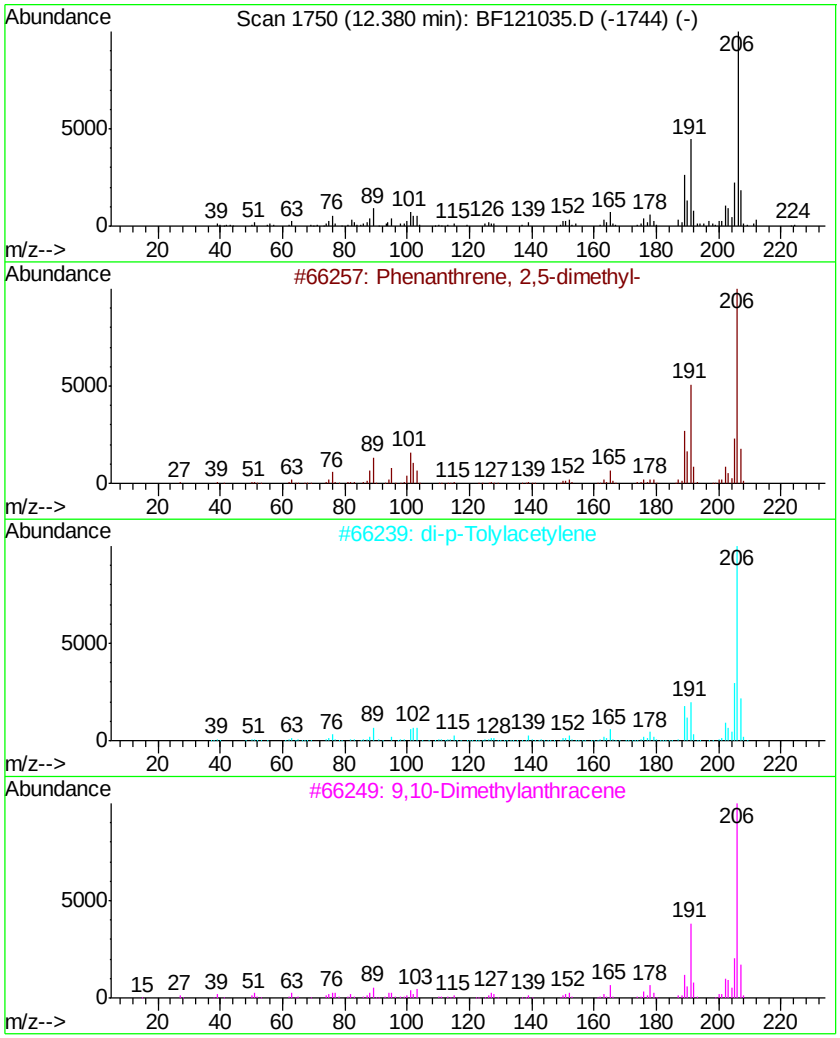
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

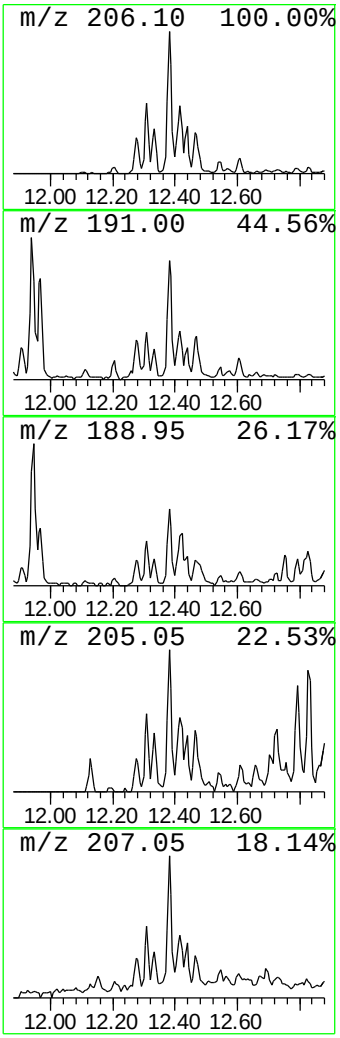
**********

Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.38 | 2.03 ng | 192576 | Phenanthrene-d10 | 11.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 97 |
| 2 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 96 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 96 |
| 4 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 93 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

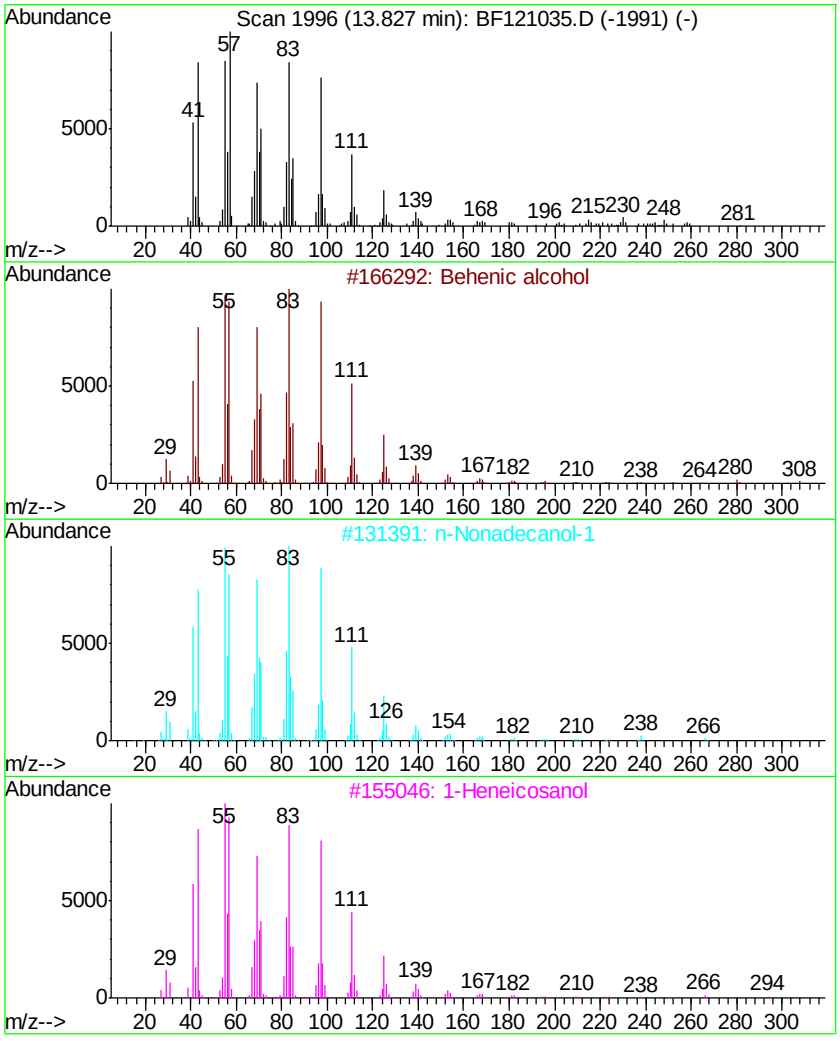
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

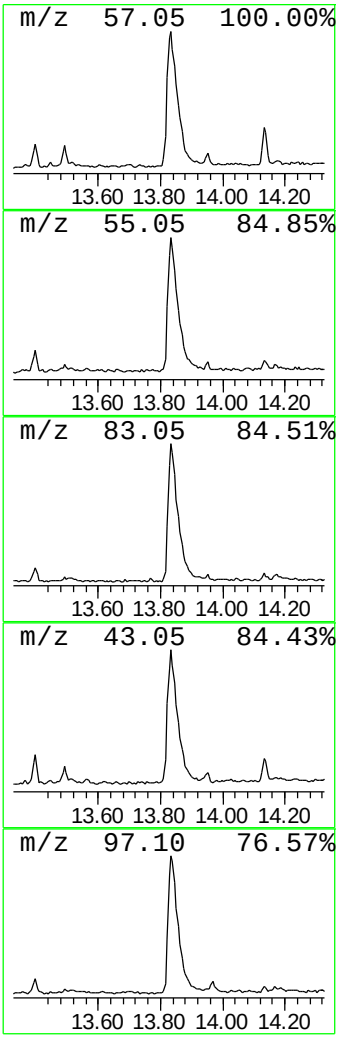
**********

Peak Number 4 Behenic alcohol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.83 | 7.40 ng | 853120 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 95 |
| 2 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 95 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 95 |
| 5 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 95 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

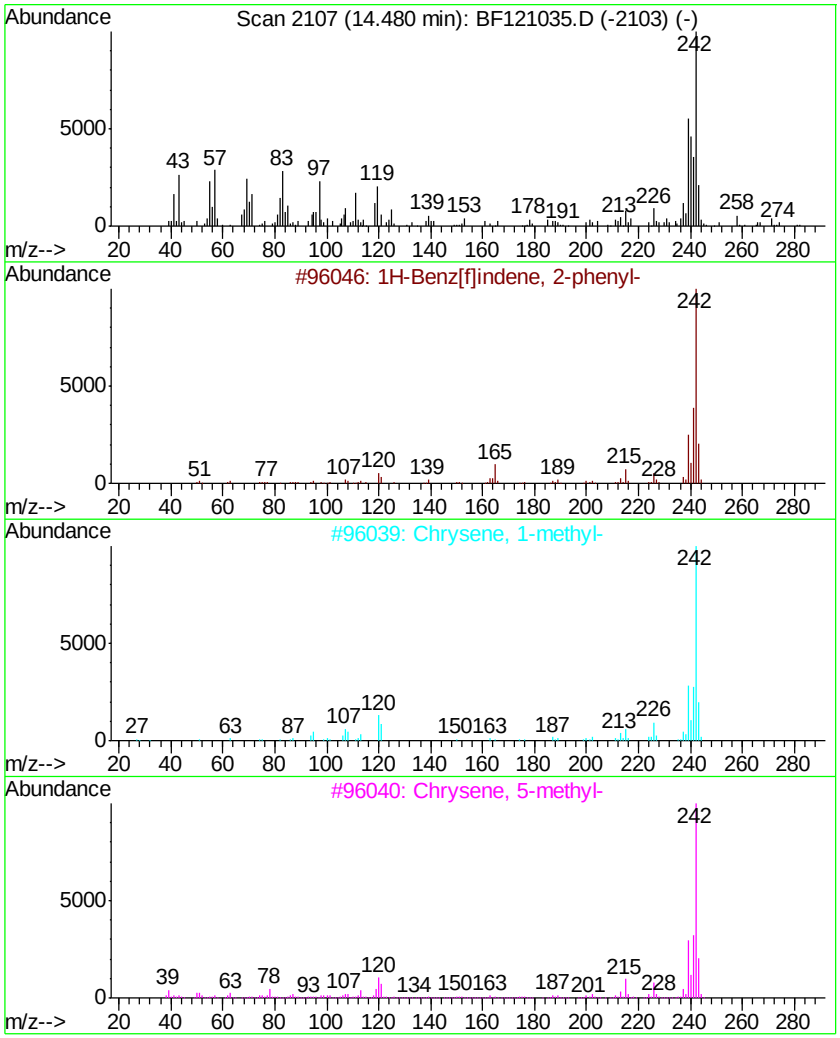
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

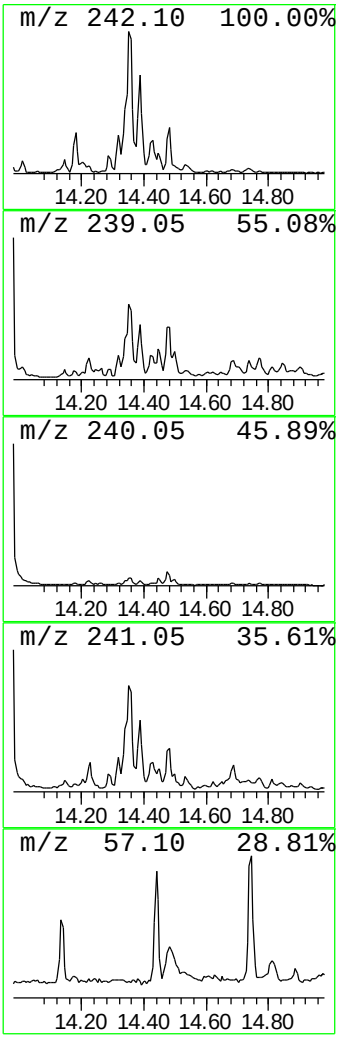
**********

Peak Number 5 1H-Benz[f]indene, 2-phenyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.48 | 2.43 ng | 280021 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Benz[f]indene, 2-phenyl- | 242 | C19H14 | 1000305-22-4 | 89 |
| 2 | Chrysene, 1-methyl- | 242 | C19H14 | 003351-28-8 | 64 |
| 3 | Chrysene, 5-methyl- | 242 | C19H14 | 003697-24-3 | 64 |
| 4 | Benz[a]anthracene, 1-methyl- | 242 | C19H14 | 002498-77-3 | 64 |
| 5 | Benz[a]anthracene, 12-methyl- | 242 | C19H14 | 002422-79-9 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

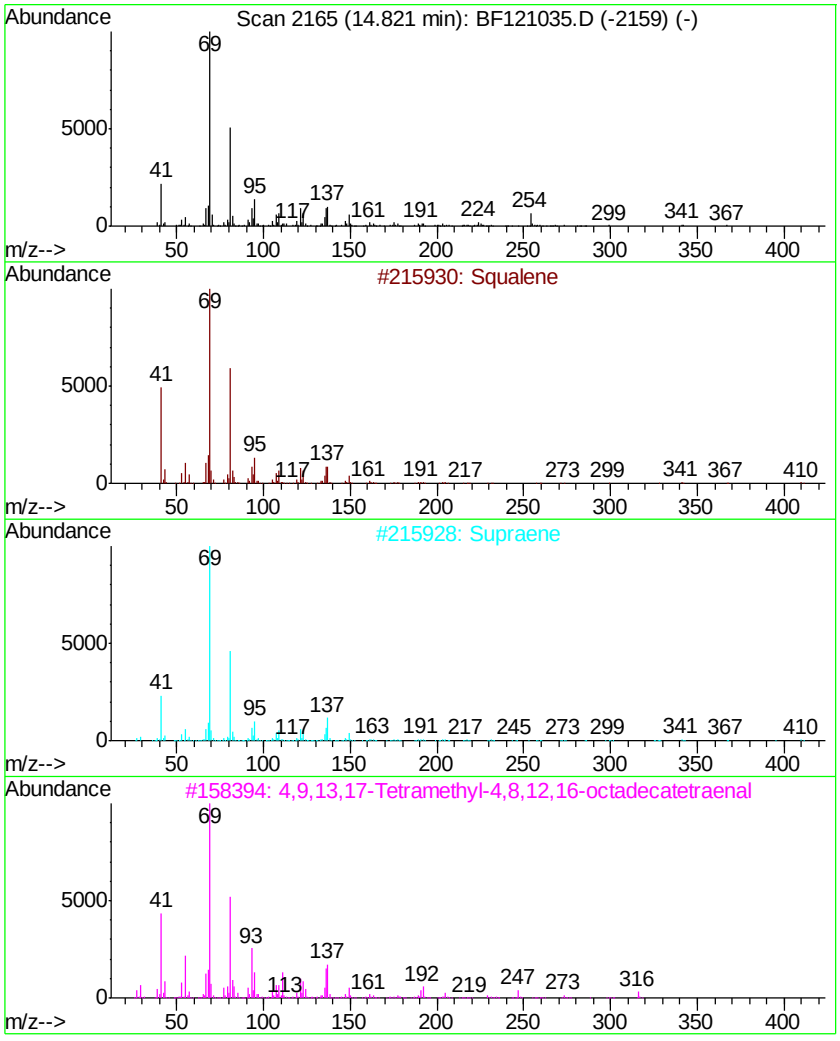
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

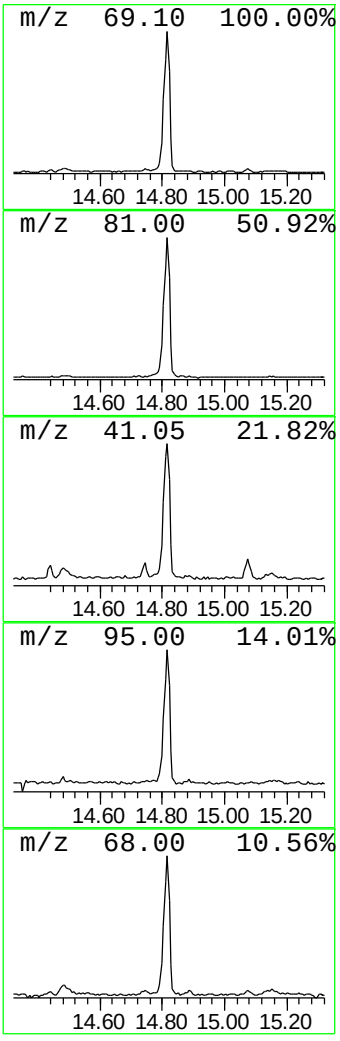
**********

Peak Number 6 Squalene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.82 | 10.39 ng | 835086 | Perylene-d12 | 15.42 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 000111-02-4 | 91 |
| 2 | Supraene | 410 | C30H50 | 007683-64-9 | 91 |
| 3 | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O | 056882-09-8 | 83 |
| 4 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 72 |
| 5 | 2,3,5-Trimethyl-2,3,5-hexanetric... | 203 | C12H17N3 | 003974-79-6 | 50 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

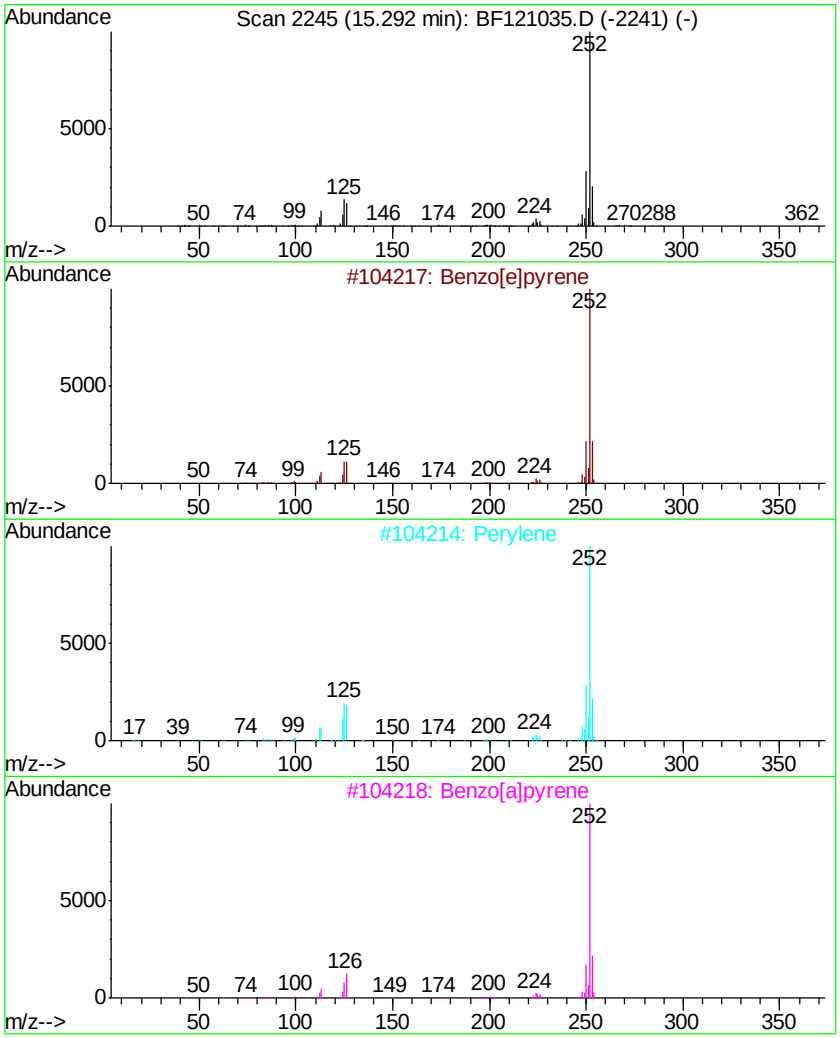
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

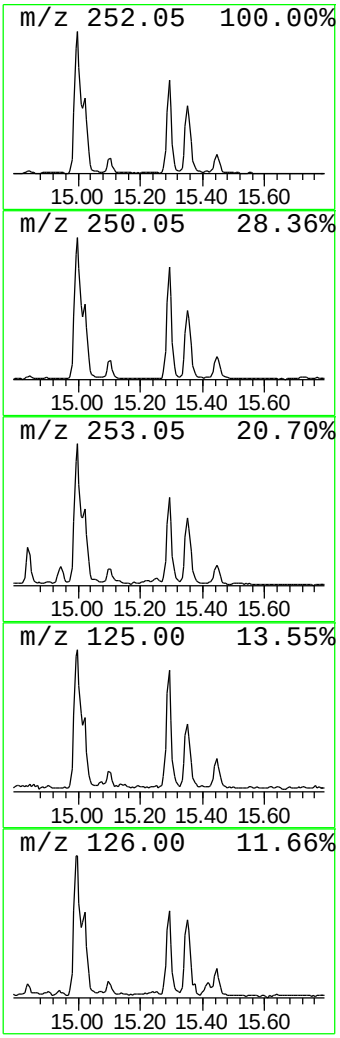
**********

Peak Number 7 Benzo[e]pyrene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.29 | 4.96 ng | 398832 | Perylene-d12 | 15.42 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 99 |
| 2 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 94 |
| 4 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 93 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 91 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CTR-007

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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 |
| Ethanol, 2-(2-eth... | 6.64 | 2.7 | ng | 158139 | 1 | 6.81 | 1163840 | 20.0 |
| Phenanthrene, 2-m... | 11.86 | 3.4 | ng | 319797 | 4 | 11.33 | 1900500 | 20.0 |
| Phenanthrene, 2,5... | 12.38 | 2.0 | ng | 192576 | 4 | 11.33 | 1900500 | 20.0 |
| Behenic alcohol | 13.83 | 7.4 | ng | 853120 | 5 | 13.97 | 2307110 | 20.0 |
| 1H-Benz[f]indene,... | 14.48 | 2.4 | ng | 280021 | 5 | 13.97 | 2307110 | 20.0 |
| Squalene | 14.82 | 10.4 | ng | 835086 | 6 | 15.42 | 1607390 | 20.0 |
| Benzo[e]pyrene | 15.29 | 5.0 | ng | 398832 | 6 | 15.42 | 1607390 | 20.0 |