LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

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_P\Methods\8270E-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019734.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.475 | 400 | 406 | 413 | rBV | 732921 | 1095807 | 35.51% | 2.591% |
| 2 | 7.075 | 666 | 678 | 691 | rBV | 668421 | 1132871 | 36.71% | 2.678% |
| 3 | 7.904 | 814 | 819 | 828 | rVB | 236382 | 381473 | 12.36% | 0.902% |
| 4 | 8.540 | 921 | 927 | 932 | rBV4 | 45745 | 87481 | 2.83% | 0.207% |
| 5 | 9.004 | 994 | 1006 | 1011 | rBV2 | 99621 | 207560 | 6.73% | 0.491% |
| 6 | 9.075 | 1011 | 1018 | 1023 | rVV | 442642 | 812670 | 26.33% | 1.921% |
| 7 | 9.122 | 1023 | 1026 | 1035 | rVB | 82389 | 137729 | 4.46% | 0.326% |
| 8 | 9.246 | 1042 | 1047 | 1054 | rVB7 | 41461 | 97491 | 3.16% | 0.230% |
| 9 | 9.346 | 1054 | 1064 | 1073 | rBV7 | 23187 | 94806 | 3.07% | 0.224% |
| 10 | 9.528 | 1090 | 1095 | 1100 | rBV2 | 63564 | 106441 | 3.45% | 0.252% |
| 11 | 9.781 | 1131 | 1138 | 1142 | rBV5 | 46614 | 104945 | 3.40% | 0.248% |
| 12 | 9.869 | 1149 | 1153 | 1156 | rBV2 | 40109 | 69241 | 2.24% | 0.164% |
| 13 | 10.098 | 1186 | 1192 | 1200 | rVV4 | 118705 | 272653 | 8.84% | 0.645% |
| 14 | 10.169 | 1200 | 1204 | 1210 | rVB2 | 45349 | 80289 | 2.60% | 0.190% |
| 15 | 10.281 | 1216 | 1223 | 1228 | rBV5 | 50290 | 93652 | 3.03% | 0.221% |
| 16 | 10.398 | 1238 | 1243 | 1251 | rBV2 | 64012 | 133403 | 4.32% | 0.315% |
| 17 | 10.675 | 1283 | 1290 | 1292 | rBV2 | 238505 | 447922 | 14.51% | 1.059% |
| 18 | 10.698 | 1292 | 1294 | 1299 | rVV | 288921 | 468441 | 15.18% | 1.107% |
| 19 | 10.751 | 1299 | 1303 | 1309 | rVV4 | 106918 | 221650 | 7.18% | 0.524% |
| 20 | 10.810 | 1309 | 1313 | 1317 | rVV | 98749 | 144237 | 4.67% | 0.341% |
| 21 | 10.857 | 1317 | 1321 | 1326 | rVB2 | 91998 | 130840 | 4.24% | 0.309% |
| 22 | 10.916 | 1327 | 1331 | 1339 | rVB3 | 69482 | 126755 | 4.11% | 0.300% |
| 23 | 11.175 | 1371 | 1375 | 1382 | rVB5 | 73175 | 148467 | 4.81% | 0.351% |
| 24 | 11.363 | 1402 | 1407 | 1410 | rBV | 95460 | 165024 | 5.35% | 0.390% |
| 25 | 11.545 | 1432 | 1438 | 1444 | rVB7 | 54180 | 117044 | 3.79% | 0.277% |
| 26 | 11.616 | 1444 | 1450 | 1457 | rVB2 | 160152 | 305542 | 9.90% | 0.722% |
| 27 | 11.722 | 1463 | 1468 | 1472 | rBV | 226061 | 384303 | 12.45% | 0.909% |
| 28 | 11.804 | 1479 | 1482 | 1488 | rVB2 | 104616 | 180230 | 5.84% | 0.426% |
| 29 | 11.893 | 1492 | 1497 | 1505 | rVV4 | 111602 | 246729 | 8.00% | 0.583% |
| 30 | 11.975 | 1505 | 1511 | 1515 | rVV4 | 44823 | 98880 | 3.20% | 0.234% |
| 31 | 12.087 | 1526 | 1530 | 1531 | rBV | 63496 | 79800 | 2.59% | 0.189% |
| 32 | 12.122 | 1531 | 1536 | 1541 | rVV2 | 274965 | 434328 | 14.07% | 1.027% |
| 33 | 12.251 | 1555 | 1558 | 1563 | rVB4 | 95726 | 136403 | 4.42% | 0.322% |
| 34 | 12.581 | 1607 | 1614 | 1616 | rBV4 | 122944 | 271161 | 8.79% | 0.641% |
| 35 | 12.751 | 1637 | 1643 | 1646 | rBV7 | 74213 | 150166 | 4.87% | 0.355% |
| 36 | 12.810 | 1648 | 1653 | 1659 | rVB4 | 72079 | 198940 | 6.45% | 0.470% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

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_P\Methods\8270E-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.028 | 1686 | 1690 | 1692 | rBV2 | 85146 | 137239 | 4.45% | 0.324% |
| 38 | 13.075 | 1693 | 1698 | 1703 | rVV3 | 368750 | 636396 | 20.62% | 1.504% |
| 39 | 13.128 | 1704 | 1707 | 1708 | rVV2 | 69500 | 85688 | 2.78% | 0.203% |
| 40 | 13.163 | 1708 | 1713 | 1723 | rVB | 1032657 | 1640807 | 53.17% | 3.879% |
| 41 | 13.369 | 1743 | 1748 | 1754 | rVB | 398326 | 662029 | 21.45% | 1.565% |
| 42 | 13.475 | 1760 | 1766 | 1772 | rVB4 | 126593 | 316094 | 10.24% | 0.747% |
| 43 | 13.528 | 1772 | 1775 | 1779 | rVB5 | 91380 | 114247 | 3.70% | 0.270% |
| 44 | 13.569 | 1779 | 1782 | 1784 | rBV | 66044 | 87123 | 2.82% | 0.206% |
| 45 | 13.592 | 1784 | 1786 | 1791 | rVB4 | 97932 | 129608 | 4.20% | 0.306% |
| 46 | 13.704 | 1799 | 1805 | 1819 | rBV2 | 356059 | 959217 | 31.08% | 2.268% |
| 47 | 13.863 | 1826 | 1832 | 1837 | rBV | 537896 | 986613 | 31.97% | 2.332% |
| 48 | 13.916 | 1837 | 1841 | 1844 | rVV | 228171 | 301443 | 9.77% | 0.713% |
| 49 | 14.022 | 1852 | 1859 | 1863 | rBV | 496484 | 795924 | 25.79% | 1.882% |
| 50 | 14.063 | 1863 | 1866 | 1868 | rBV3 | 112407 | 153261 | 4.97% | 0.362% |
| 51 | 14.098 | 1869 | 1872 | 1875 | rVB | 140111 | 176346 | 5.71% | 0.417% |
| 52 | 14.263 | 1897 | 1900 | 1907 | rVB6 | 129066 | 201475 | 6.53% | 0.476% |
| 53 | 14.363 | 1913 | 1917 | 1925 | rVB4 | 164878 | 327968 | 10.63% | 0.775% |
| 54 | 14.439 | 1925 | 1930 | 1935 | rBV | 573078 | 829604 | 26.88% | 1.961% |
| 55 | 14.539 | 1938 | 1947 | 1953 | rVB2 | 520336 | 975553 | 31.61% | 2.306% |
| 56 | 14.598 | 1953 | 1957 | 1960 | rBV2 | 123979 | 189701 | 6.15% | 0.448% |
| 57 | 14.669 | 1966 | 1969 | 1977 | rVB5 | 86178 | 135350 | 4.39% | 0.320% |
| 58 | 14.751 | 1978 | 1983 | 1991 | rVB | 332197 | 831023 | 26.93% | 1.965% |
| 59 | 14.834 | 1994 | 1997 | 2003 | rBV5 | 87353 | 172541 | 5.59% | 0.408% |
| 60 | 14.939 | 2010 | 2015 | 2021 | rVB | 486569 | 772183 | 25.02% | 1.825% |
| 61 | 15.016 | 2024 | 2028 | 2032 | rVV | 348347 | 489914 | 15.88% | 1.158% |
| 62 | 15.063 | 2032 | 2036 | 2044 | rVB6 | 237669 | 410515 | 13.30% | 0.970% |
| 63 | 15.157 | 2048 | 2052 | 2057 | rVV | 303061 | 532997 | 17.27% | 1.260% |
| 64 | 15.210 | 2058 | 2061 | 2065 | rVB | 256479 | 341190 | 11.06% | 0.807% |
| 65 | 15.322 | 2075 | 2080 | 2084 | rBV5 | 195063 | 381550 | 12.36% | 0.902% |
| 66 | 15.363 | 2084 | 2087 | 2089 | rVV | 146101 | 191283 | 6.20% | 0.452% |
| 67 | 15.398 | 2089 | 2093 | 2097 | rVB | 520424 | 668666 | 21.67% | 1.581% |
| 68 | 15.581 | 2120 | 2124 | 2129 | rBV3 | 165805 | 283207 | 9.18% | 0.670% |
| 69 | 15.639 | 2129 | 2134 | 2138 | rBV3 | 171438 | 317567 | 10.29% | 0.751% |
| 70 | 15.716 | 2144 | 2147 | 2150 | rVB2 | 202857 | 252659 | 8.19% | 0.597% |
| 71 | 15.757 | 2150 | 2154 | 2157 | rBV5 | 92364 | 139933 | 4.53% | 0.331% |
| 72 | 15.804 | 2157 | 2162 | 2168 | rVB | 527370 | 791794 | 25.66% | 1.872% |
| 73 | 15.963 | 2184 | 2189 | 2193 | rBV4 | 126366 | 262404 | 8.50% | 0.620% |
| 74 | 16.033 | 2193 | 2201 | 2209 | rVB4 | 1067447 | 1911444 | 61.94% | 4.519% |
| 75 | 16.104 | 2209 | 2213 | 2217 | rBV2 | 133710 | 216484 | 7.01% | 0.512% |
| 76 | 16.192 | 2225 | 2228 | 2229 | rBV2 | 60553 | 74242 | 2.41% | 0.176% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

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_P\Methods\8270E-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 16.269 | 2236 | 2241 | 2242 | rBV | 762735 | 1075244 | 34.84% | 2.542% |
| 78 | 16.651 | 2302 | 2306 | 2312 | rBV4 | 256223 | 439473 | 14.24% | 1.039% |
| 79 | 16.845 | 2336 | 2339 | 2340 | rBV3 | 95407 | 97391 | 3.16% | 0.230% |
| 80 | 16.951 | 2354 | 2357 | 2362 | rVB5 | 95750 | 133016 | 4.31% | 0.314% |
| 81 | 17.063 | 2372 | 2376 | 2380 | rVV | 453294 | 574582 | 18.62% | 1.358% |
| 82 | 17.110 | 2380 | 2384 | 2396 | rVB2 | 480923 | 915182 | 29.66% | 2.164% |
| 83 | 17.298 | 2411 | 2416 | 2420 | rBV | 612187 | 878522 | 28.47% | 2.077% |
| 84 | 17.339 | 2420 | 2423 | 2427 | rVB | 216743 | 290952 | 9.43% | 0.688% |
| 85 | 17.804 | 2498 | 2502 | 2507 | rVB | 408556 | 467990 | 15.16% | 1.106% |
| 86 | 18.163 | 2559 | 2563 | 2565 | rBV | 221893 | 292682 | 9.48% | 0.692% |
| 87 | 18.192 | 2565 | 2568 | 2569 | rBV2 | 148055 | 138240 | 4.48% | 0.327% |
| 88 | 18.345 | 2590 | 2594 | 2598 | rVB2 | 178757 | 226613 | 7.34% | 0.536% |
| 89 | 18.480 | 2613 | 2617 | 2621 | rBV | 299260 | 393850 | 12.76% | 0.931% |
| 90 | 18.933 | 2692 | 2694 | 2698 | rVB | 128631 | 138885 | 4.50% | 0.328% |
| 91 | 19.051 | 2710 | 2714 | 2718 | rBV | 232322 | 341199 | 11.06% | 0.807% |
| 92 | 19.092 | 2718 | 2721 | 2727 | rVB3 | 275036 | 406149 | 13.16% | 0.960% |
| 93 | 19.310 | 2753 | 2758 | 2764 | rBV | 348065 | 495180 | 16.05% | 1.171% |
| 94 | 19.657 | 2813 | 2817 | 2826 | rVB3 | 454287 | 761598 | 24.68% | 1.800% |
| 95 | 19.739 | 2827 | 2831 | 2835 | rVB2 | 120530 | 170525 | 5.53% | 0.403% |
| 96 | 19.863 | 2847 | 2852 | 2863 | rVB | 2421480 | 3086022 | 100.00% | 7.295% |
| 97 | 20.174 | 2902 | 2905 | 2908 | rVB | 128345 | 143160 | 4.64% | 0.338% |
| 98 | 21.110 | 3061 | 3064 | 3071 | rVB3 | 212739 | 295969 | 9.59% | 0.700% |
| 99 | 21.392 | 3106 | 3112 | 3116 | rBV2 | 800262 | 1239068 | 40.15% | 2.929% |
| 100 | 23.815 | 3518 | 3524 | 3531 | rVB | 522746 | 1050458 | 34.04% | 2.483% |

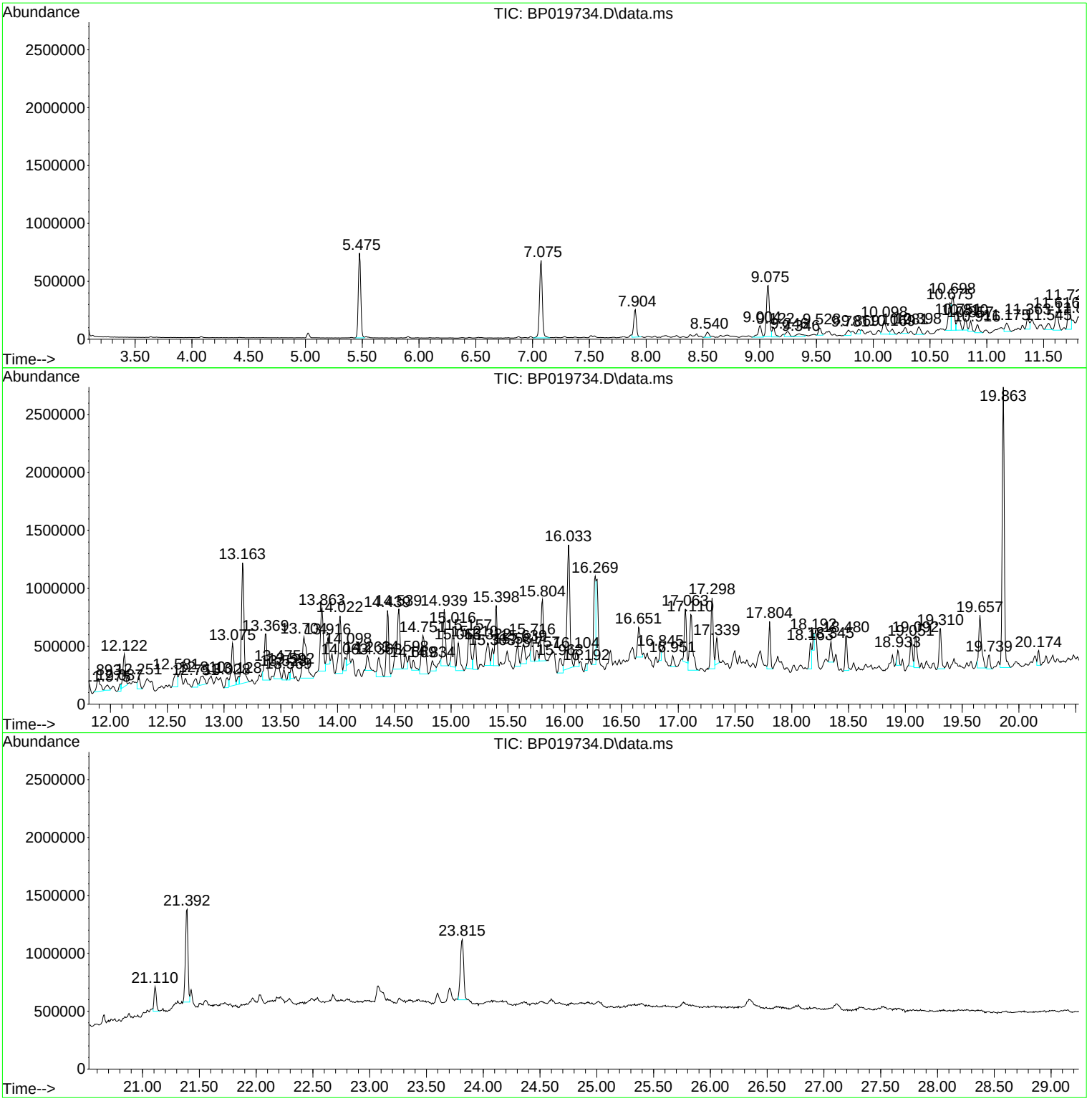
Sum of corrected areas: 42300606

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

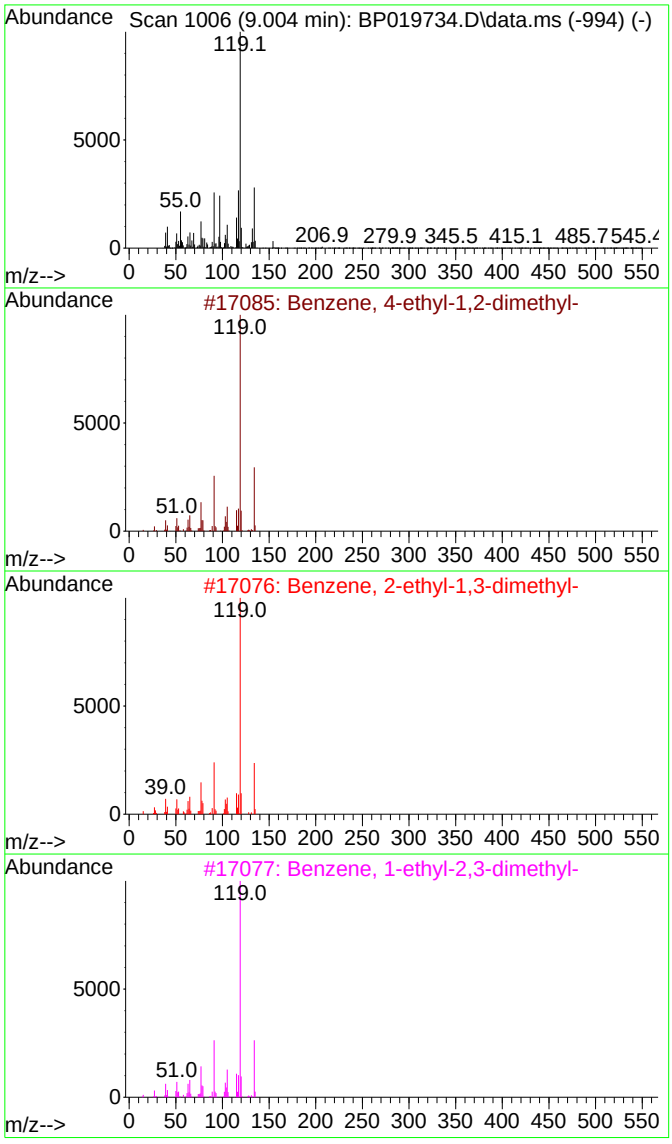
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

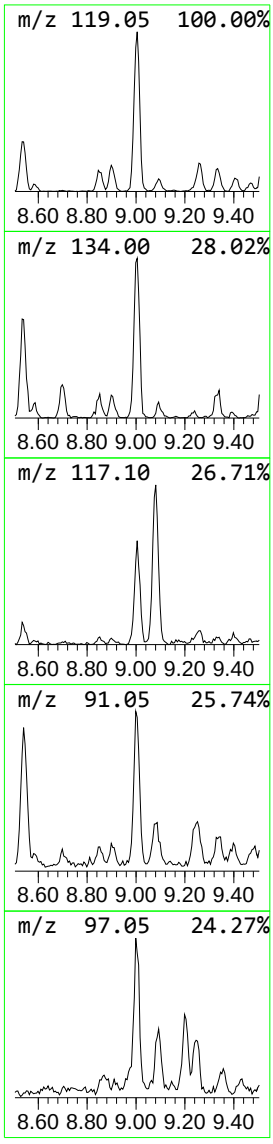
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.004 | 10.88 ng | 207560 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 93 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 93 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

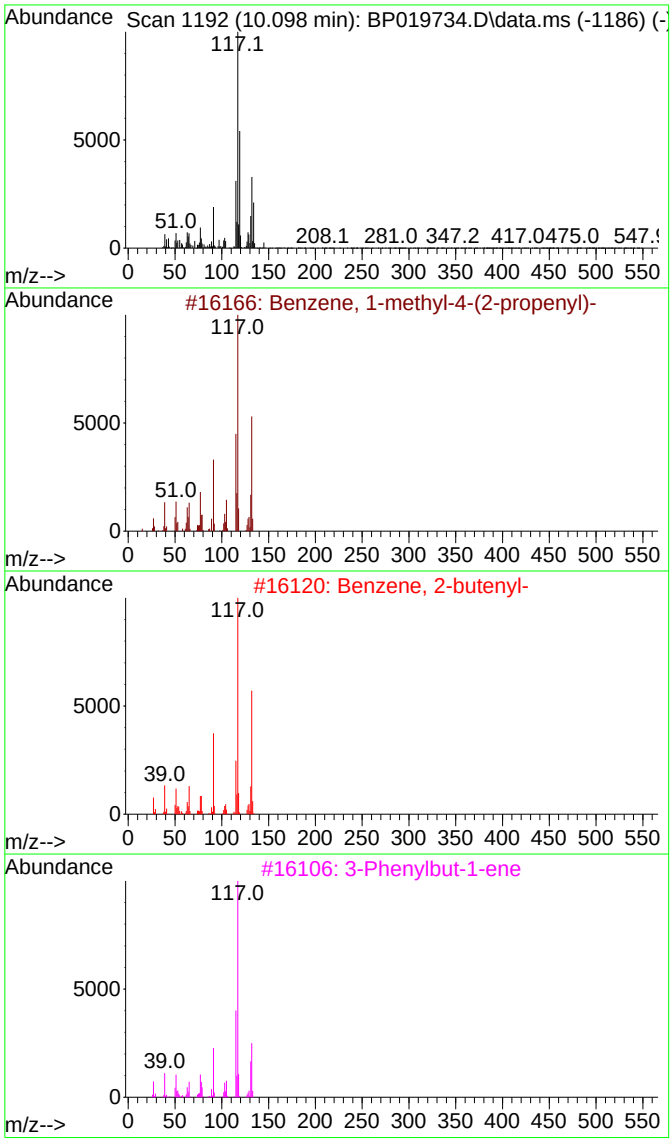
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

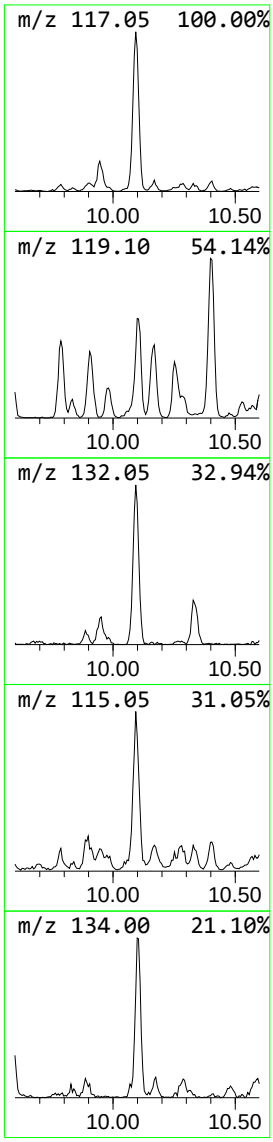
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1-methyl-4-(2-prop... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.099 | 11.64 ng | 272653 | Naphthalene-d8 | 10.704 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 86 |
| 2 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 70 |
| 3 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 70 |
| 4 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 70 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

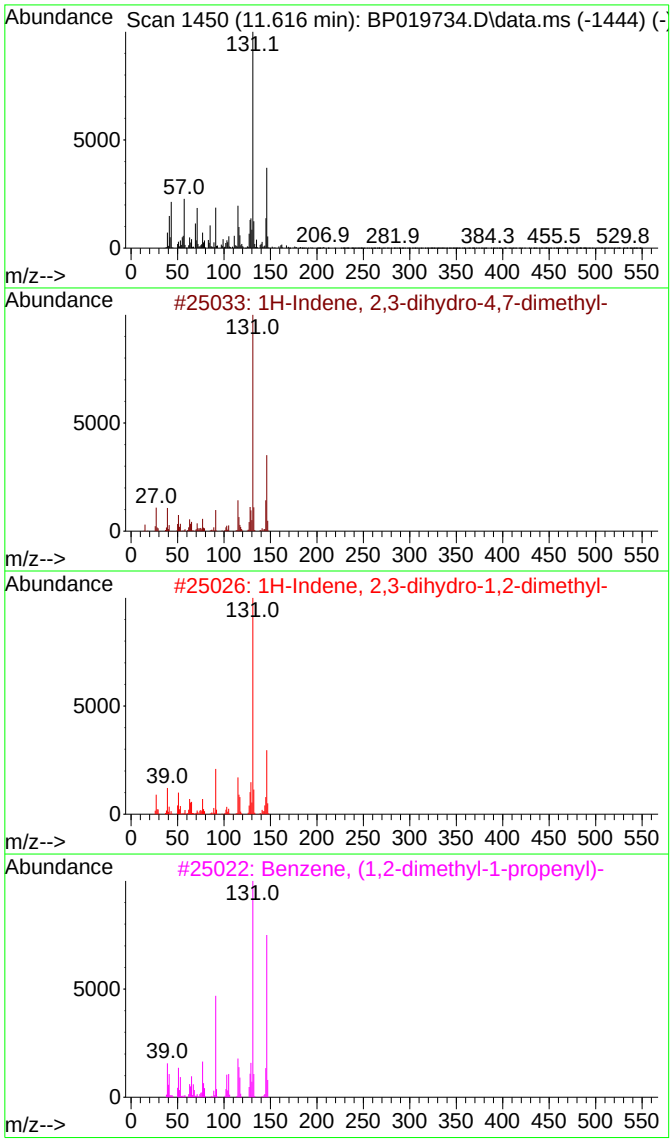
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

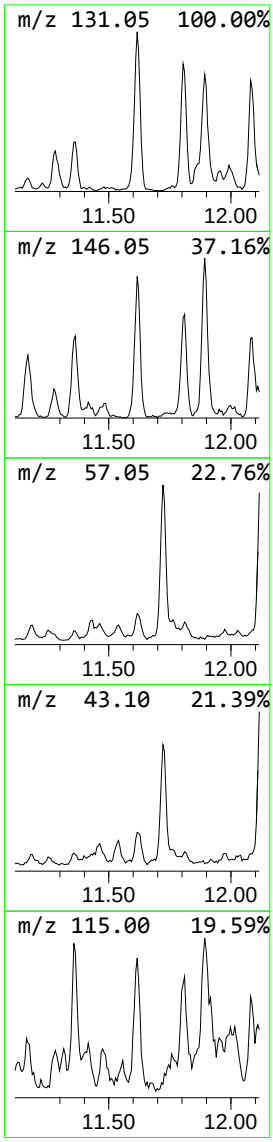
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.616 | 13.05 ng | 305542 | Naphthalene-d8 | 10.704 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 94 |
| 3 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 93 |
| 4 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 93 |
| 5 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 92 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

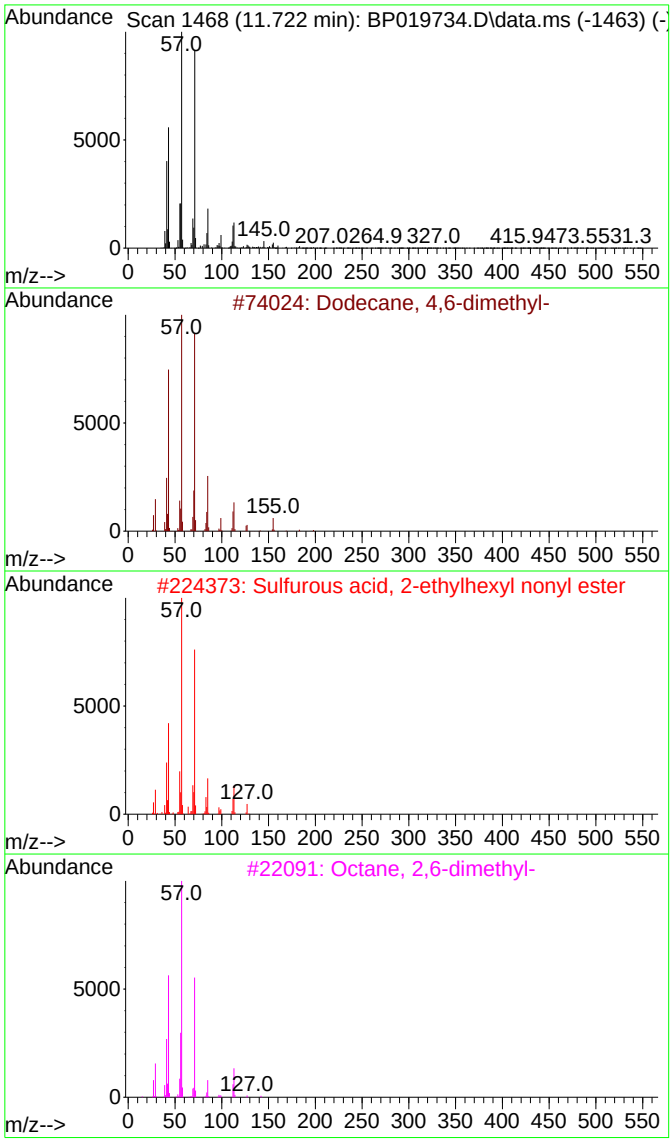
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

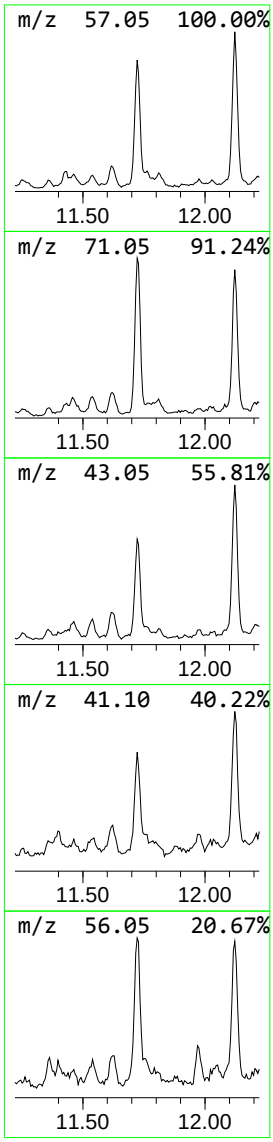
**********

Peak Number 4 Dodecane, 4,6-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.722 | 16.41 ng | 384303 | Naphthalene-d8 | 10.704 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 87 |
| 2 | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 86 |
| 3 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 83 |
| 4 | Heptadecane, 2,6-dimethyl- | 268 | C19H40 | 054105-67-8 | 80 |
| 5 | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

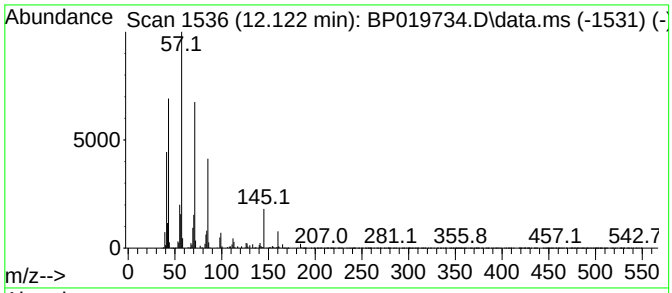
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

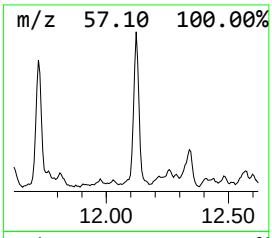
**********

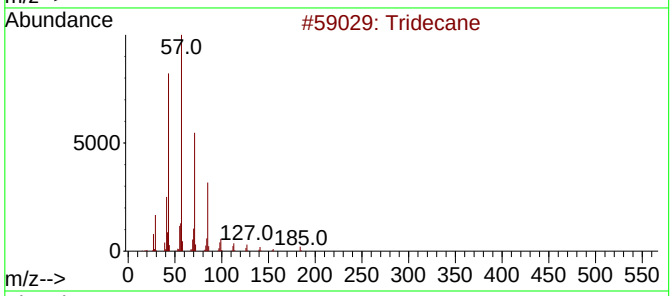
Peak Number 5 Tridecane Concentration Rank 5

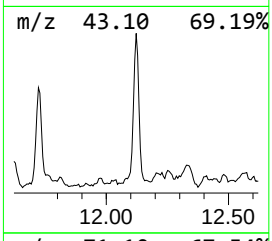
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.122 | 18.54 ng | 434328 | Naphthalene-d8 | 10.704 |

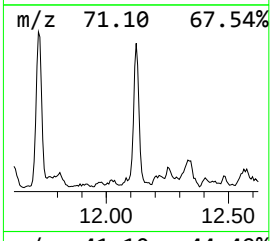
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 81 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 74 |
| 4 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 72 |
| 5 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 64 |

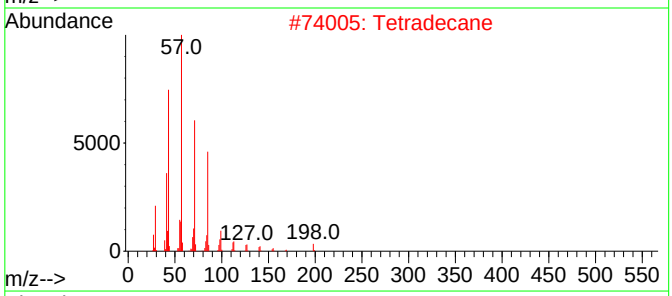


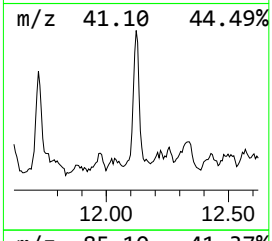



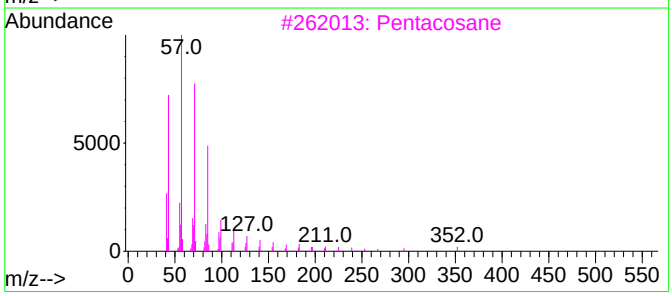



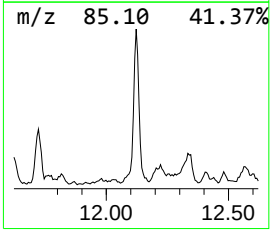



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

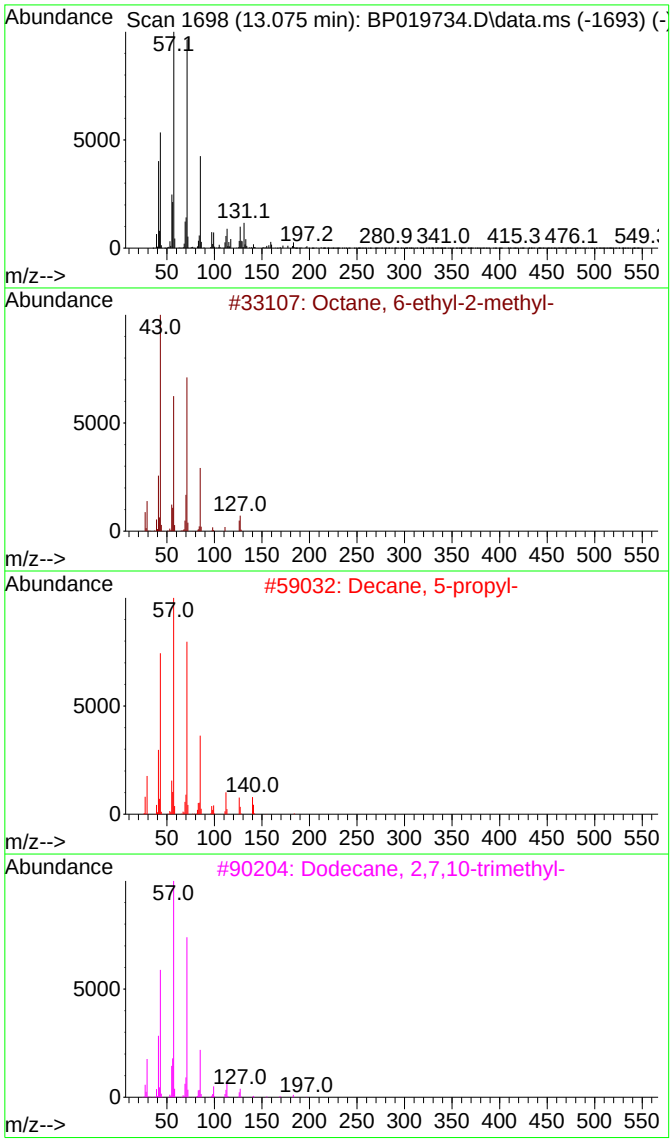
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

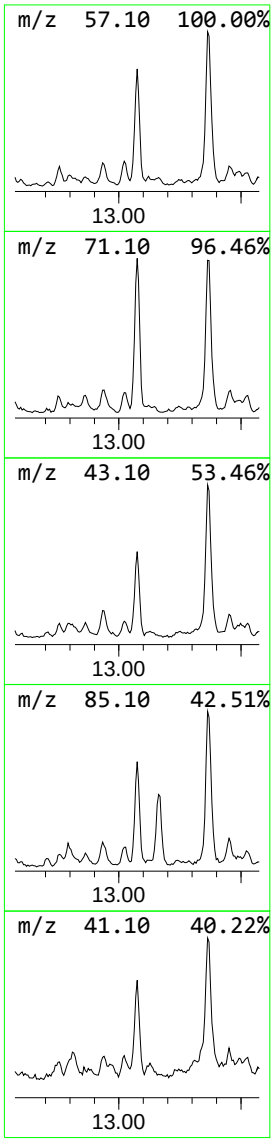
**********

Peak Number 6 Octane, 6-ethyl-2-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.075 | 13.05 ng | 636396 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 6-ethyl-2-methyl- | 156 | C11H24 | 062016-19-7 | 72 |
| 2 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 68 |
| 3 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 64 |
| 4 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 59 |
| 5 | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

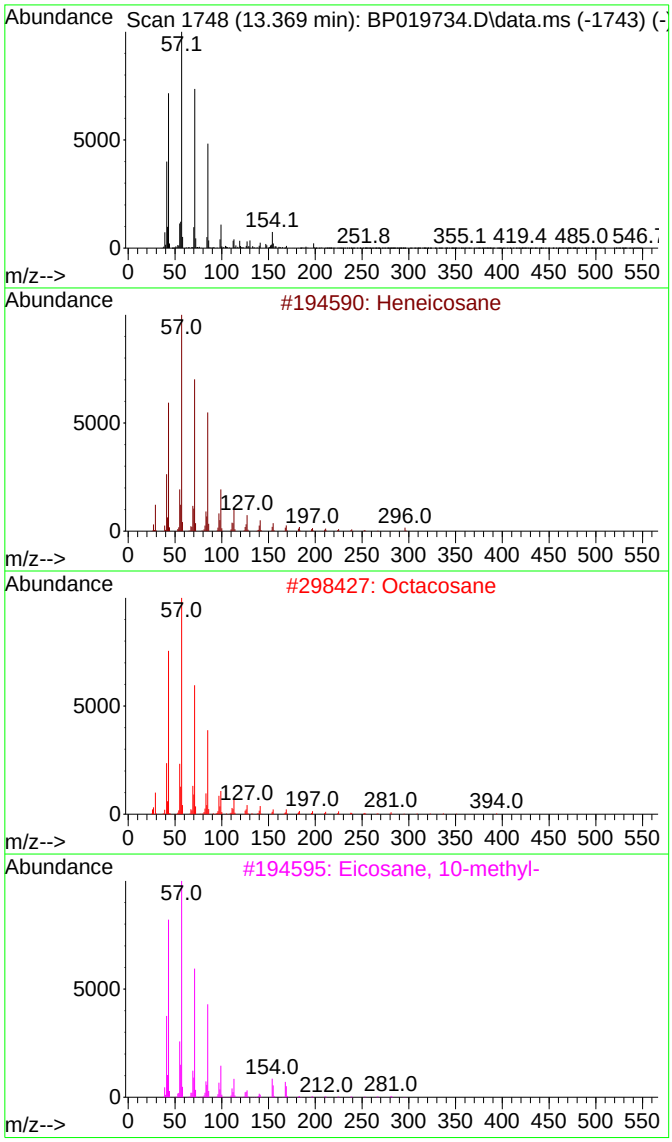
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

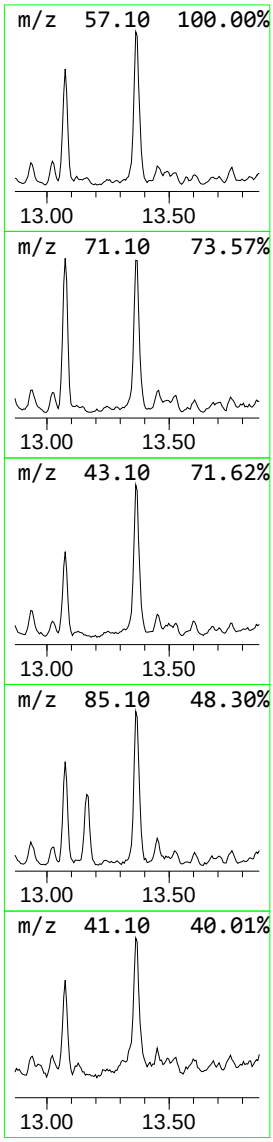
**********

Peak Number 7 Heneicosane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.369 | 13.57 ng | 662029 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 74 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 72 |
| 3 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 72 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

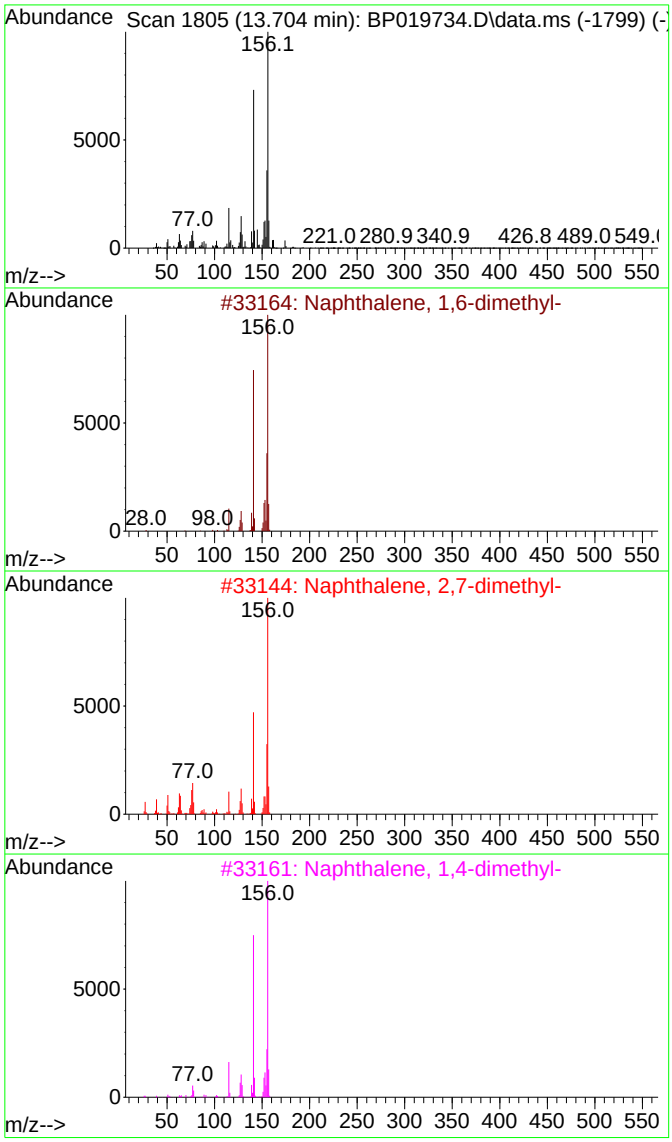
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

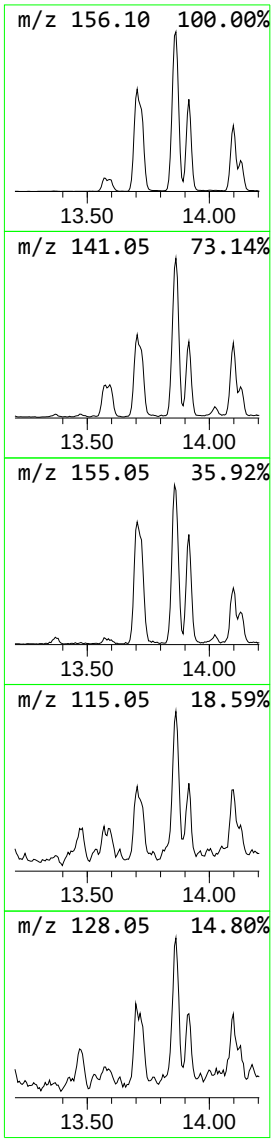
**********

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.704 | 19.67 ng | 959217 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 94 |
| 5 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

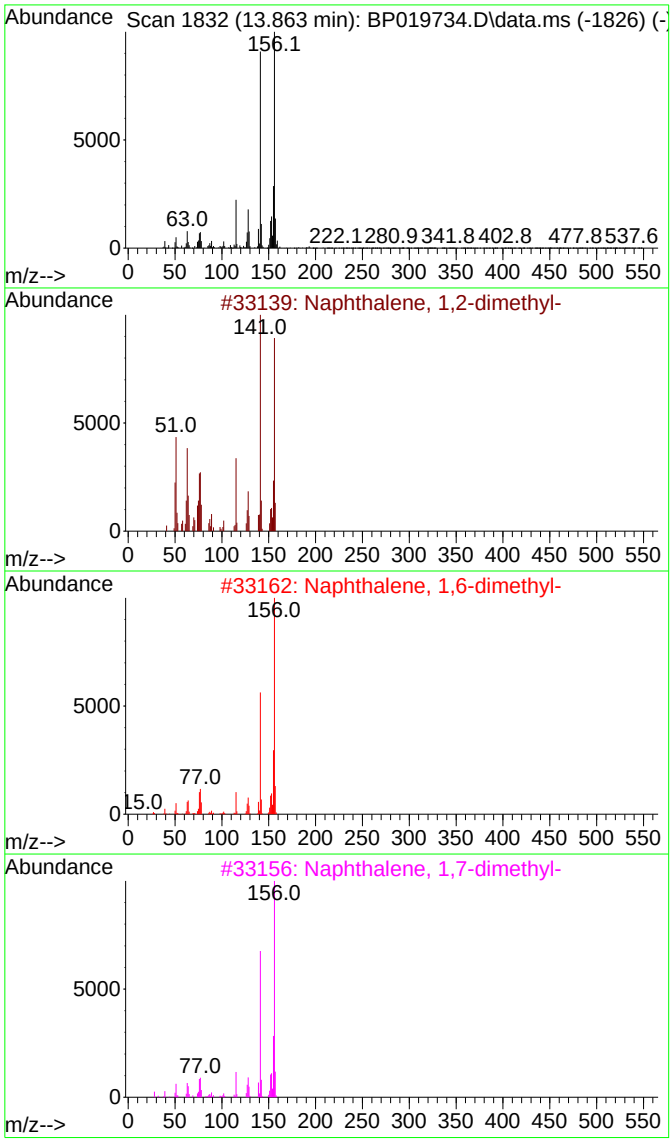
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

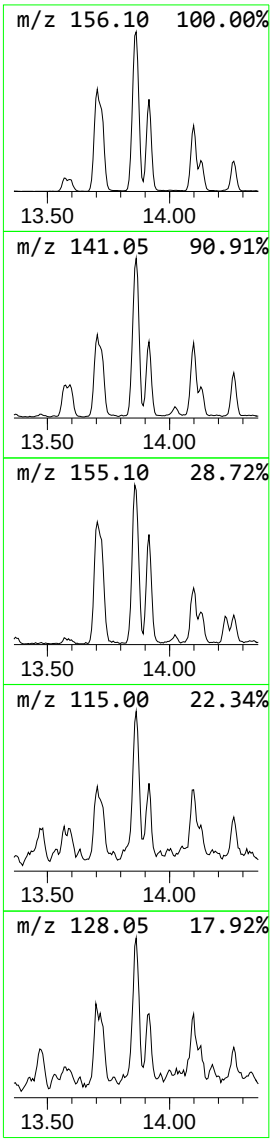
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 1,2-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.863 | 20.23 ng | 986613 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 4 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

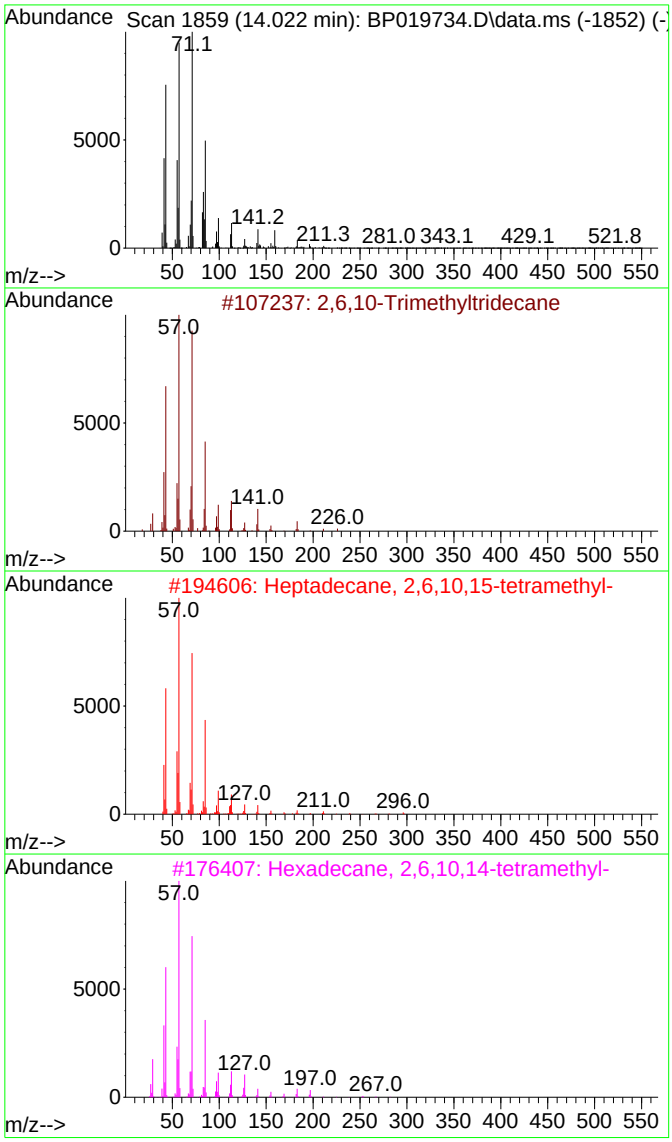
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

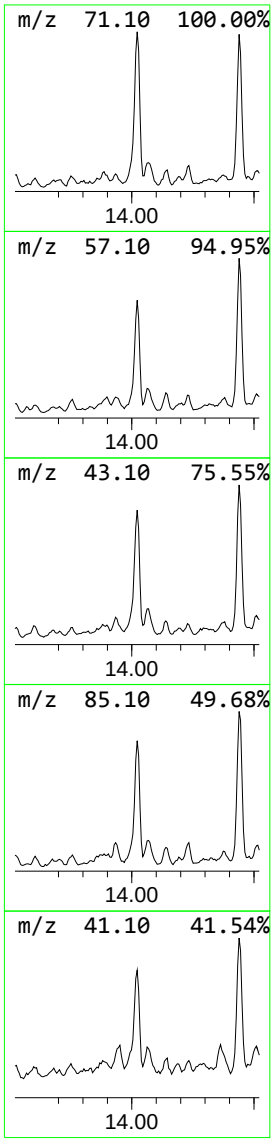
**********

Peak Number 10 2,6,10-Trimethyltridecane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.022 | 16.32 ng | 795924 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,6,10-Trimethyltridecane | 226 | C16H34 | 003891-99-4 | 86 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 72 |
| 3 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 64 |
| 4 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 62 |
| 5 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

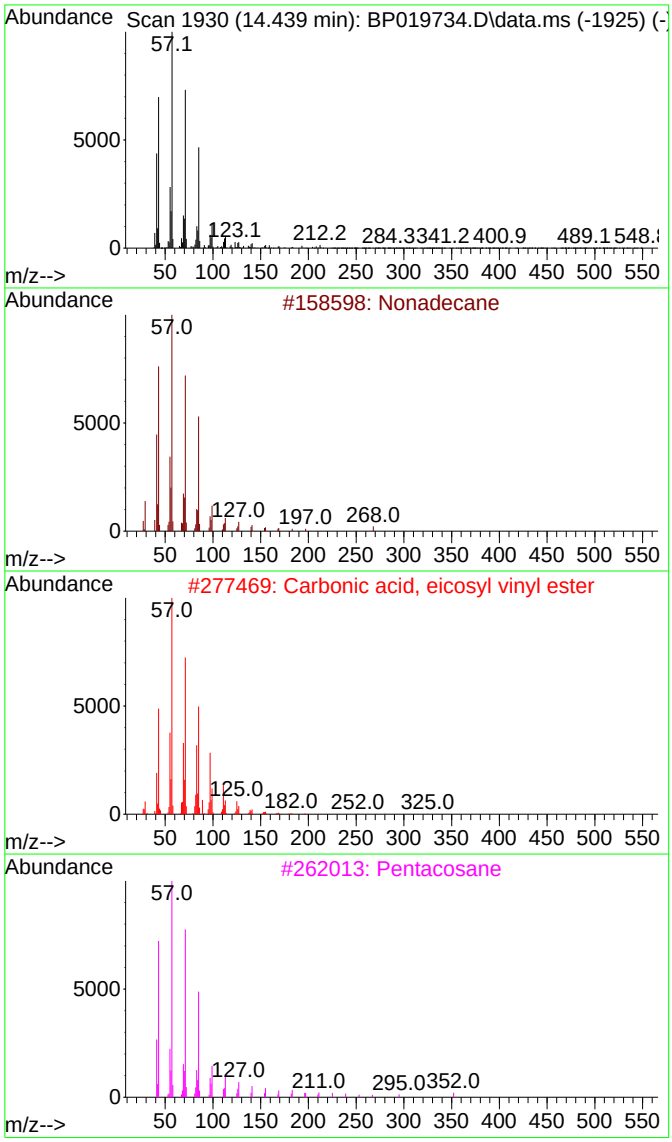
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

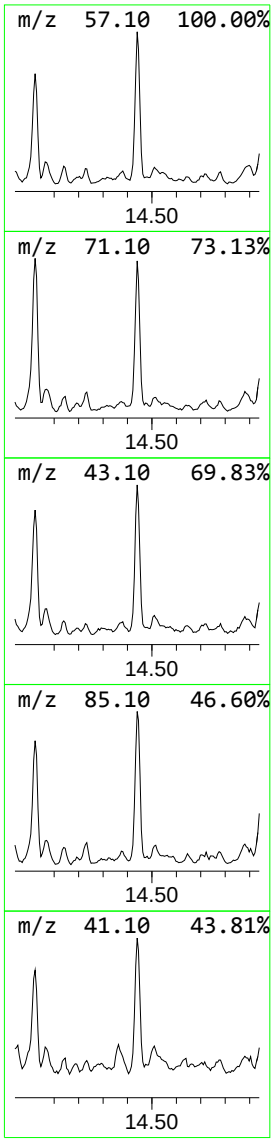
**********

Peak Number 11 Nonadecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.439 | 17.01 ng | 829604 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 2 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 91 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 91 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

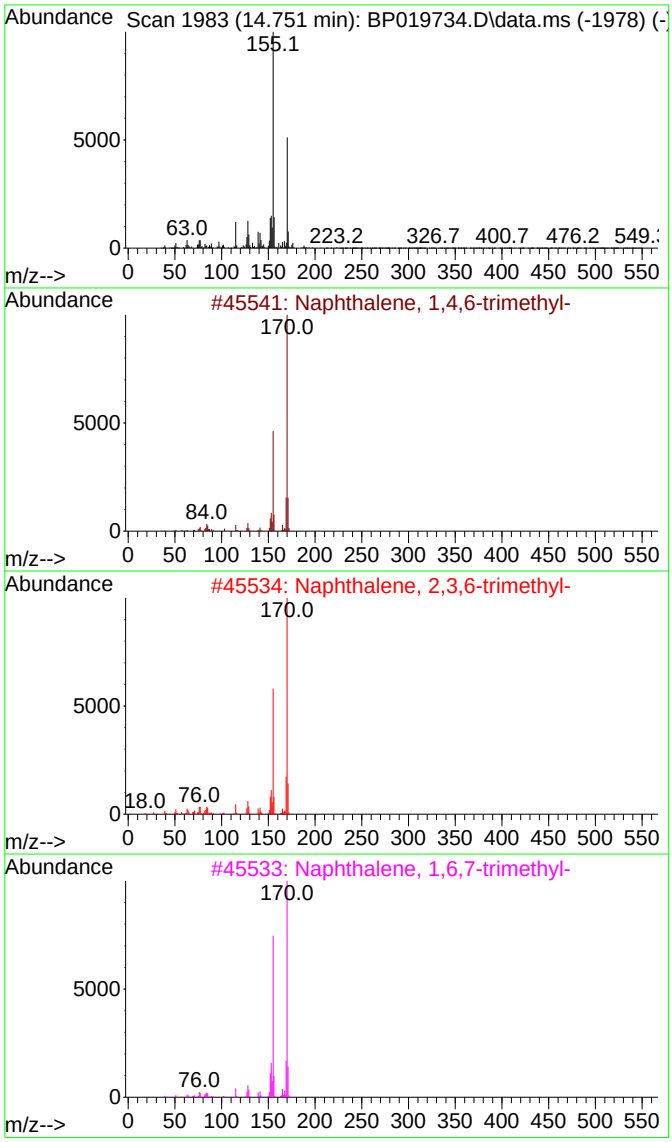
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

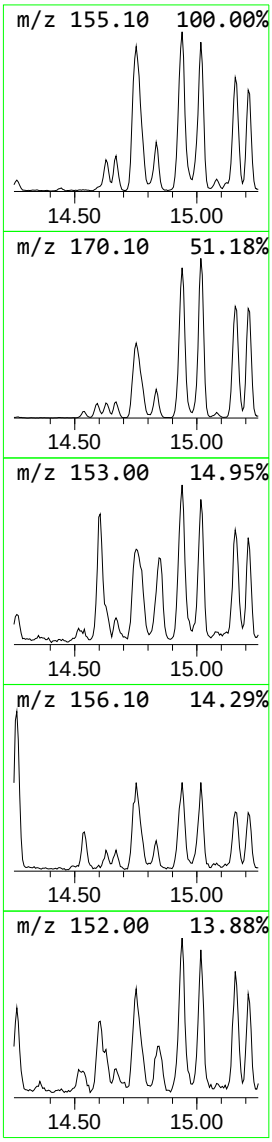
**********

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.751 | 17.04 ng | 831023 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 94 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 93 |
| 4 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 91 |
| 5 | 2-Naphthyl methyl ketone | 170 | C12H10O | 000093-08-3 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

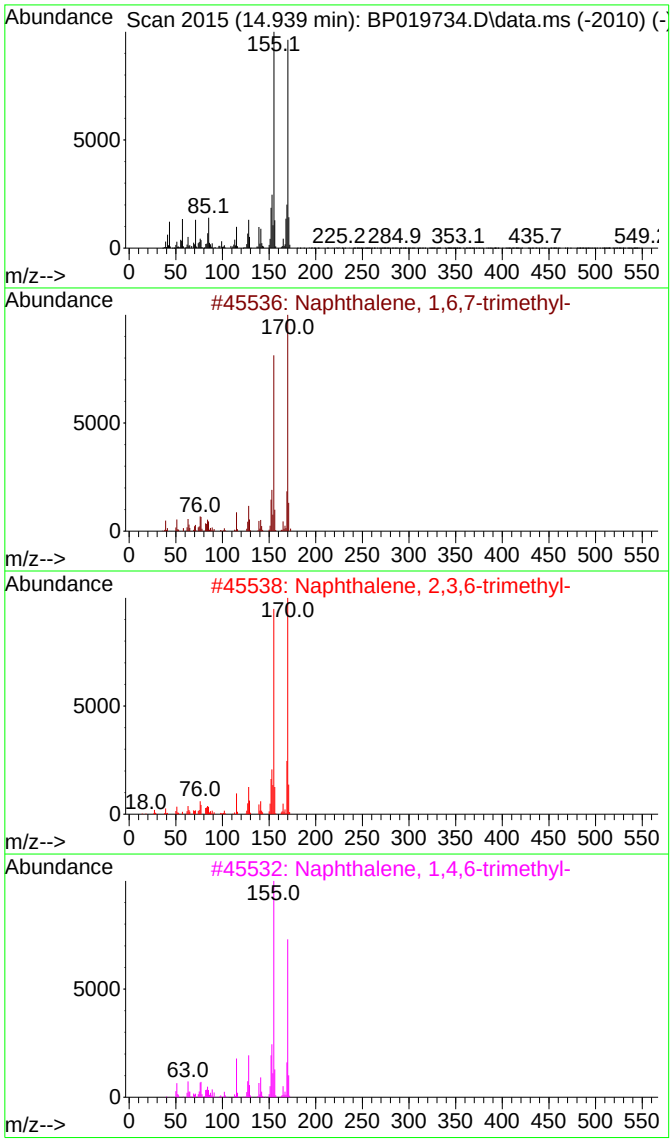
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

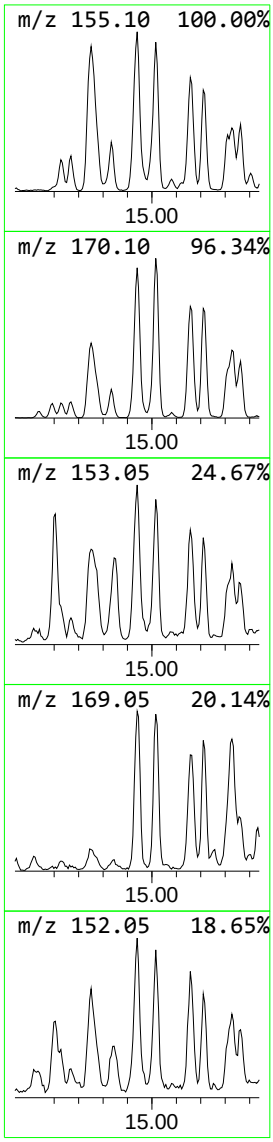
**********

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.939 | 15.83 ng | 772183 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 91 |
| 5 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

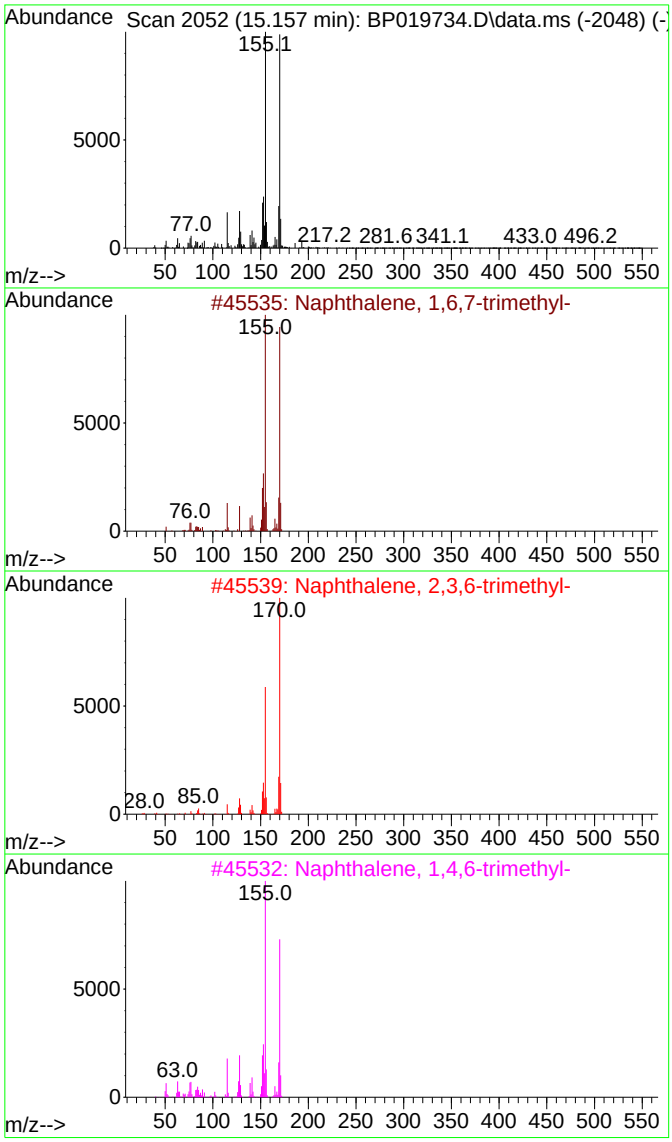
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

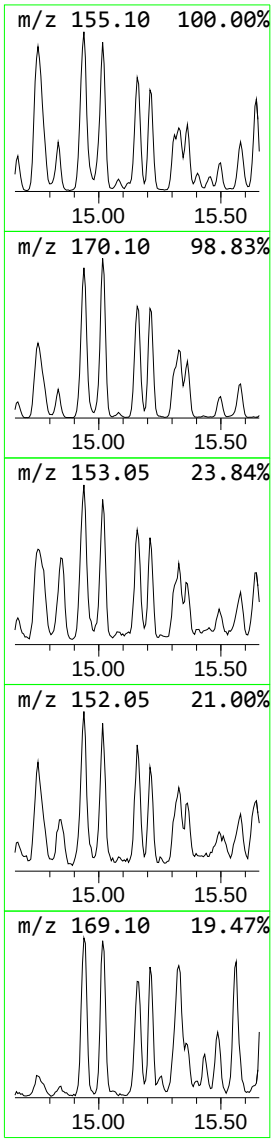
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.157 | 10.93 ng | 532997 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 91 |
| 5 | 1-(2,2-Dimethylcyclopropyl)-2-ph... | 170 | C13H14 | 1000294-91-1 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

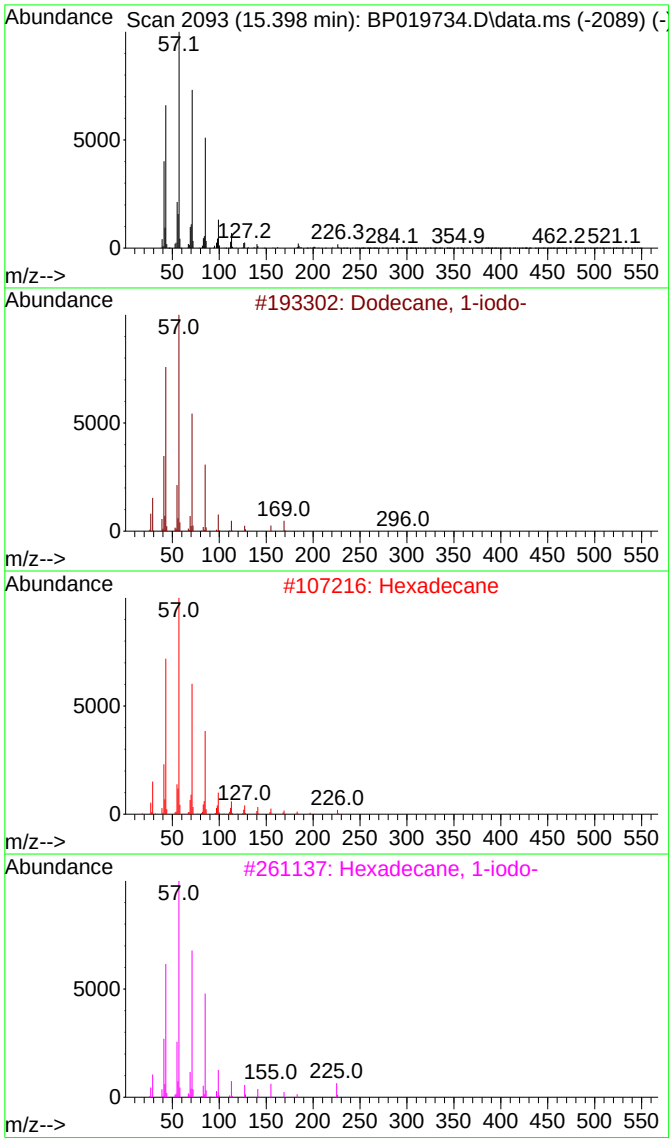
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

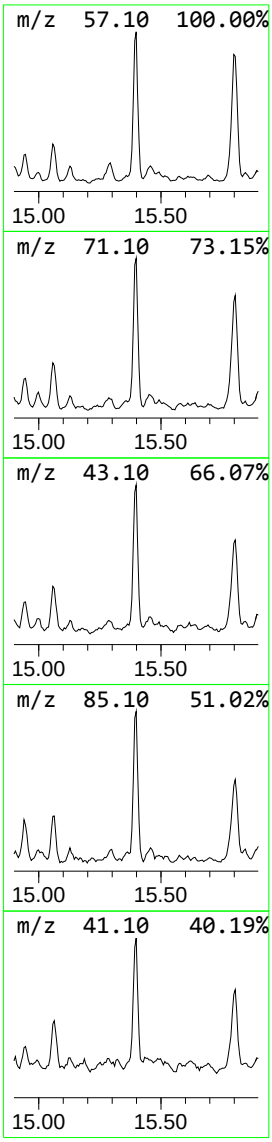
**********

Peak Number 15 Dodecane, 1-iodo- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.398 | 13.71 ng | 668666 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 90 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 3 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 86 |
| 4 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 83 |
| 5 | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34 | 1000432-25-9 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

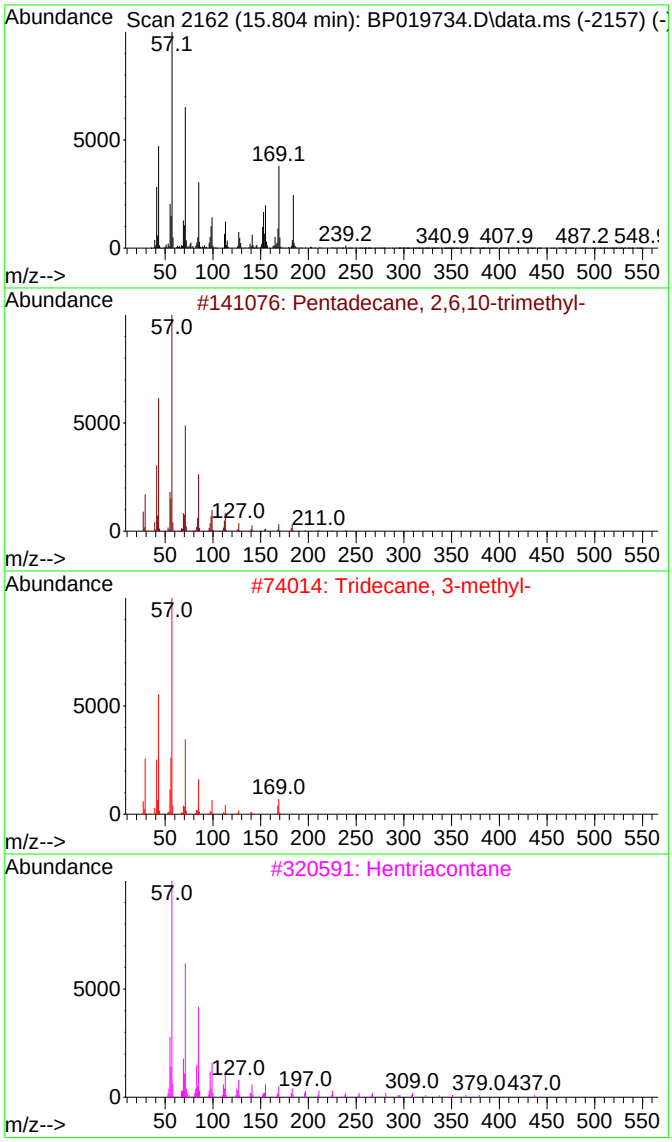
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

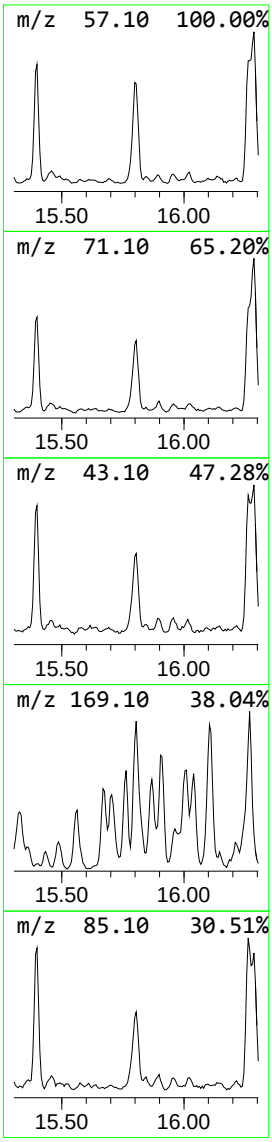
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.804 | 16.23 ng | 791794 | Acenaphthene-d10 | 14.539 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 60 |
| 2 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 43 |
| 3 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 38 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 38 |
| 5 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

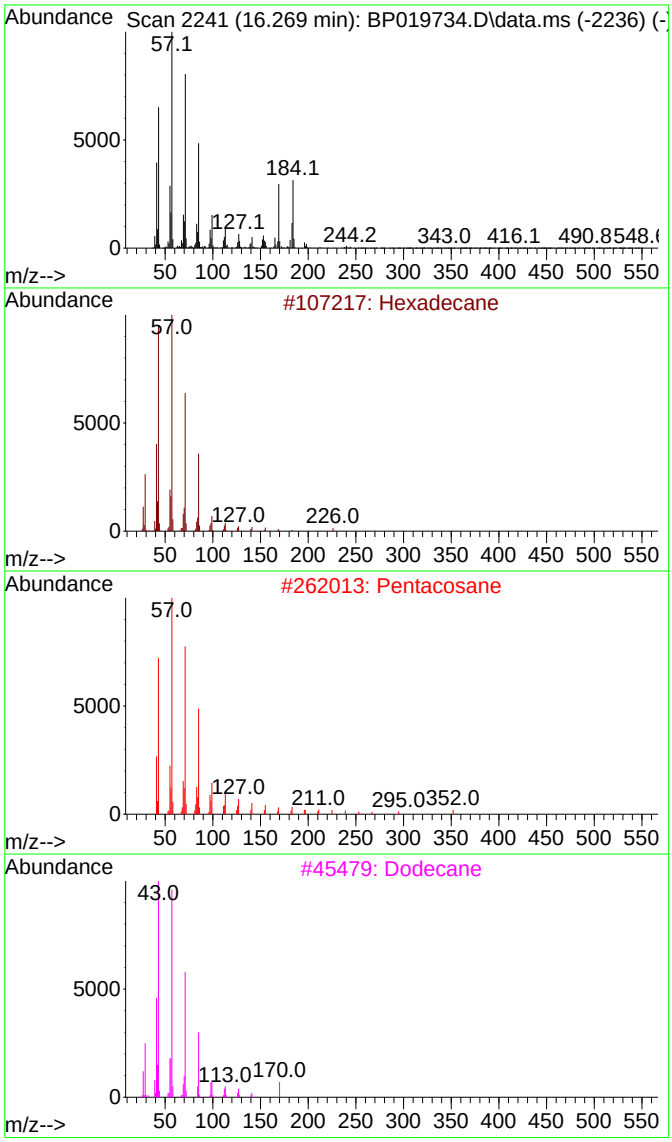
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

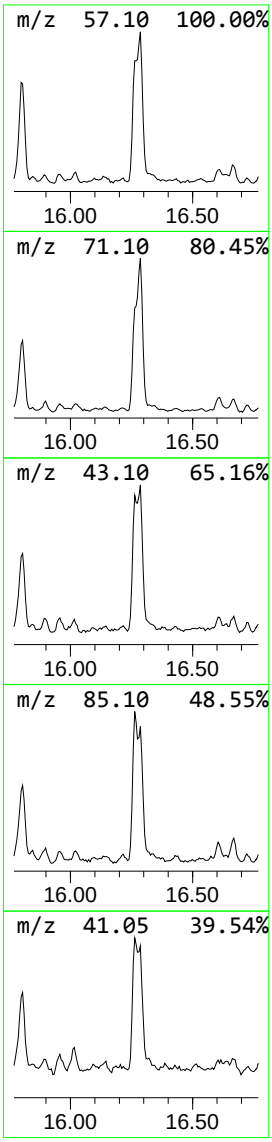
**********

Peak Number 17 Hexadecane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.269 | 24.48 ng | 1075240 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 76 |
| 3 | Dodecane | 170 | C12H26 | 000112-40-3 | 76 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 76 |
| 5 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

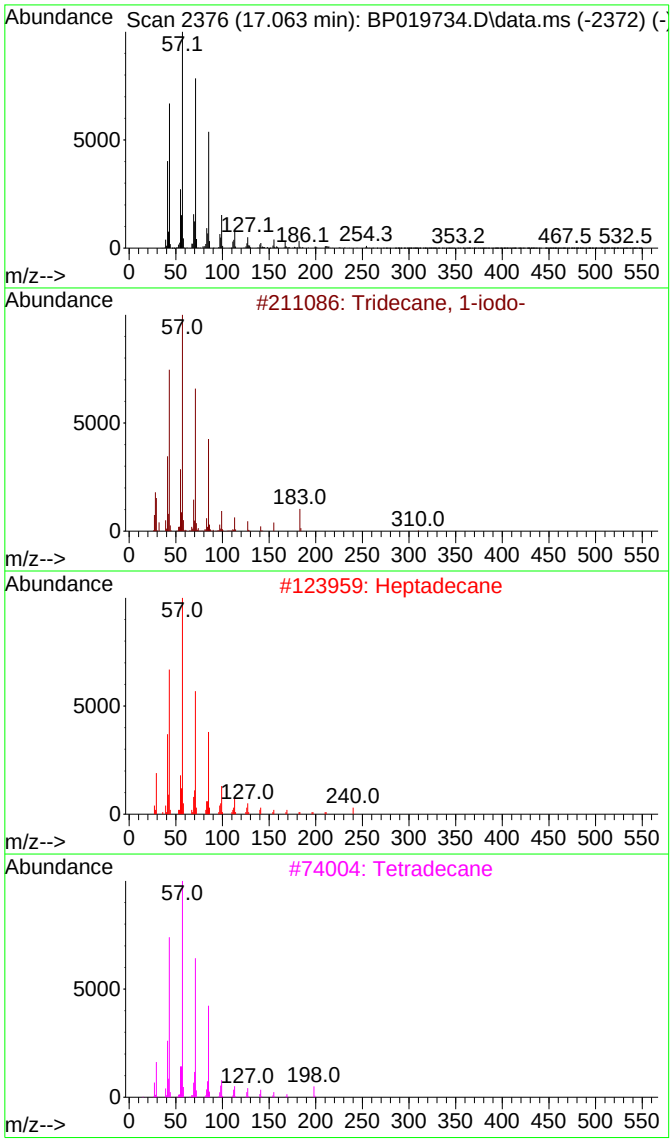
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

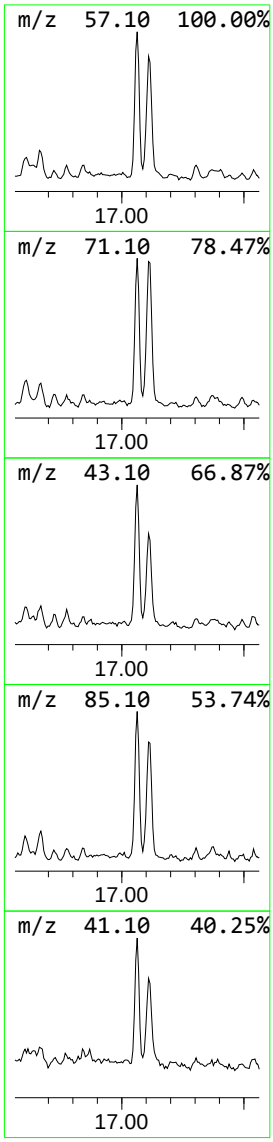
**********

Peak Number 18 Tridecane, 1-iodo- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.063 | 13.08 ng | 574582 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 91 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

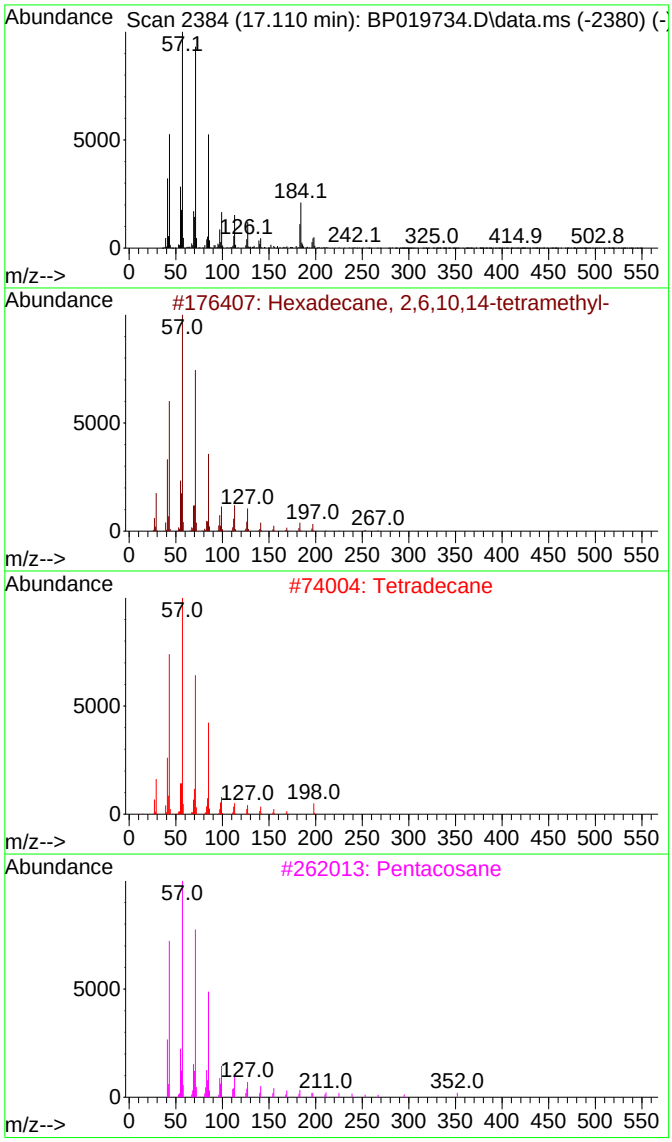
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

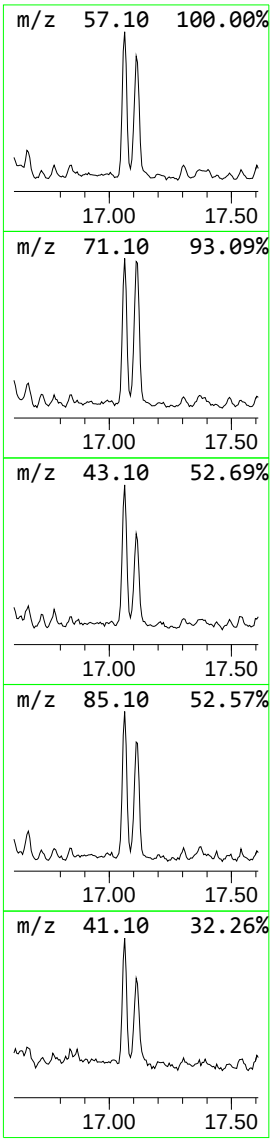
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.110 | 20.83 ng | 915182 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 95 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 76 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 74 |
| 4 | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34 | 1000432-25-9 | 72 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

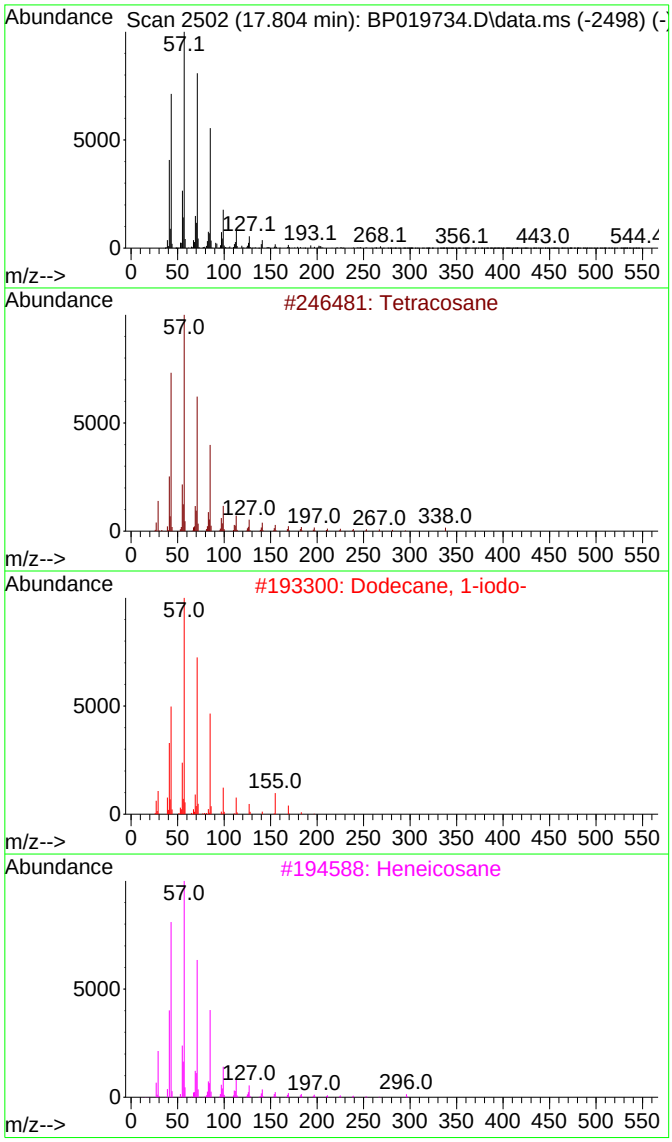
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

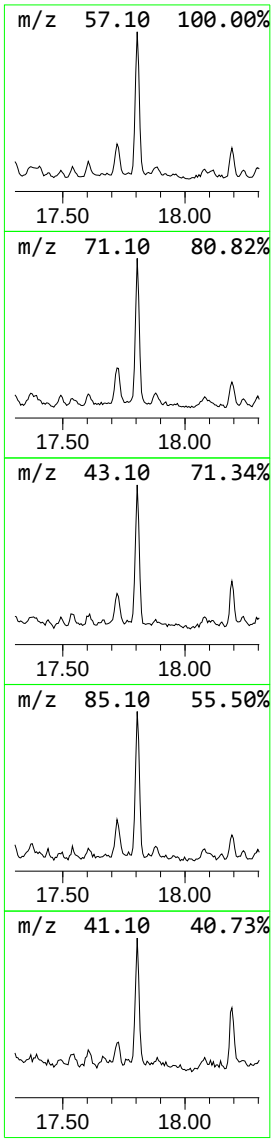
**********

Peak Number 20 Tetracosane Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.804 | 10.65 ng | 467990 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 90 |
| 5 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PN-3(SMALL-STOCK-PILE)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, 4-ethy... | 9.004 | 10.9 | ng | 207560 | 1 | 7.904 | 381473 | 20.0 |
| Benzene, 1-meth... | 10.099 | 11.6 | ng | 272653 | 2 | 10.704 | 468441 | 20.0 |
| 1H-Indene, 2,3-... | 11.616 | 13.1 | ng | 305542 | 2 | 10.704 | 468441 | 20.0 |
| Dodecane, 4,6-d... | 11.722 | 16.4 | ng | 384303 | 2 | 10.704 | 468441 | 20.0 |
| Tridecane | 12.122 | 18.5 | ng | 434328 | 2 | 10.704 | 468441 | 20.0 |
| Octane, 6-ethyl... | 13.075 | 13.1 | ng | 636396 | 3 | 14.539 | 975553 | 20.0 |
| Heneicosane | 13.369 | 13.6 | ng | 662029 | 3 | 14.539 | 975553 | 20.0 |
| Naphthalene, 1,... | 13.704 | 19.7 | ng | 959217 | 3 | 14.539 | 975553 | 20.0 |
| Naphthalene, 1,... | 13.863 | 20.2 | ng | 986613 | 3 | 14.539 | 975553 | 20.0 |
| 2,6,10-Trimethy... | 14.022 | 16.3 | ng | 795924 | 3 | 14.539 | 975553 | 20.0 |
| Nonadecane | 14.439 | 17.0 | ng | 829604 | 3 | 14.539 | 975553 | 20.0 |
| Naphthalene, 1,... | 14.751 | 17.0 | ng | 831023 | 3 | 14.539 | 975553 | 20.0 |
| Naphthalene, 1,... | 14.939 | 15.8 | ng | 772183 | 3 | 14.539 | 975553 | 20.0 |
| Naphthalene, 2,... | 15.157 | 10.9 | ng | 532997 | 3 | 14.539 | 975553 | 20.0 |
| Dodecane, 1-iodo- | 15.398 | 13.7 | ng | 668666 | 3 | 14.539 | 975553 | 20.0 |
| Pentadecane, 2,... | 15.804 | 16.2 | ng | 791794 | 3 | 14.539 | 975553 | 20.0 |
| Hexadecane | 16.269 | 24.5 | ng | 1075240 | 4 | 17.298 | 878522 | 20.0 |
| Tridecane, 1-iodo- | 17.063 | 13.1 | ng | 574582 | 4 | 17.298 | 878522 | 20.0 |
| Hexadecane, 2,6... | 17.110 | 20.8 | ng | 915182 | 4 | 17.298 | 878522 | 20.0 |
| Tetracosane | 17.804 | 10.7 | ng | 467990 | 4 | 17.298 | 878522 | 20.0 |