



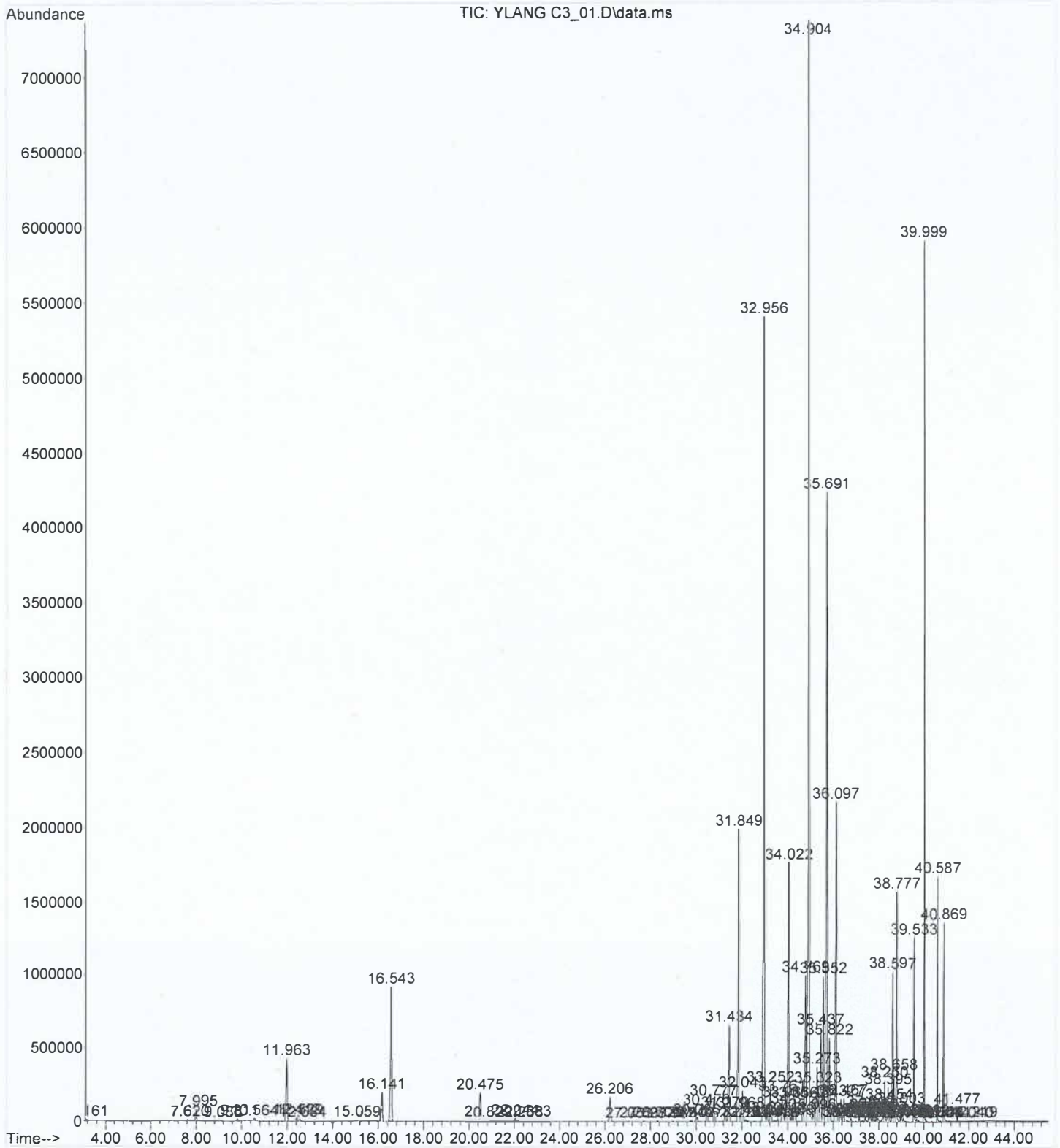
**YLANG YLANG III 98401-25**

**CHEMICAL COMPOSITION (GC-MS)**

**LOT 13156**

| <b>PEAK RT</b> | <b>COMPOUND</b>       | <b>CONTENT (%)</b> | <b>SPECIFICATION (%)</b> |
|----------------|-----------------------|--------------------|--------------------------|
| 7.620          | PRENYL ACETATE        | 0.02               | Trace – 0.20             |
| 11.763         | p-CRESYL METHYL ETHER | 1.18               | 0.1 – 1.4                |
| 16.141         | METHYL BENZOATE       | 0.65               | 0.10 – 0.9               |
| 16.543         | LINALOOL              | 2.88               | 0.6 – 4                  |
| 20.475         | BENZYL ACETATE        | 0.69               | 0.1 – 2.2                |
| 26.206         | GERANIOL              | 0.54               | 0.2 – 0.8                |
| 31.849         | GERANYL ACETATE       | 4.45               | 1 - 6                    |
| 32.956         | BETA CARYOPHYLLENE    | 14.73              | 12 - 19                  |
| 33.761         | CINNAMYL ACETATE      | 0.53               | 1 - 2                    |
| 34.904         | GERMACRENE D          | 20.23              | 15 - 34                  |
| 35.691         | ALPHA FARNESENE       | 9.99               | 9 - 25                   |
| 39.533         | FARNESOL              | 1.33               | 1.2 – 4.0                |
| 39.999         | BENZYL BENZOATE       | 6.56               | 4.8 – 8.5                |
| 40.587         | FARNESYL ACETATE      | 1.44               | 1.7 - 7                  |
| 40.869         | BENZYL SALICYLATE     | 1.45               | 2 - 5                    |

File : C:\msdchem\1\data\2024\12-13-24\YLANG C3\_01.D  
Operator : SS  
Acquired : using AcqMethod METHOD\_7.M  
Instrument : 13GDM 2024 11:13  
Sample Name: YLANG YLANG III  
Misc Info : Lot#13156  
Vial Number: 1



## Area Percent Report

Data Path : C:\msdchem\1\data\2024\12-13-24\  
Data File : YLANG C3\_01.D  
Acq On : 13 Dec 2024 11:13  
Operator : SS  
Sample : YLANG YLANG III  
Misc : Lot#13156  
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: autoint1.e  
Integrator: ChemStation

Method : C:\msdchem\1\methods\METHOD\_7.M  
Title : Eoil Qualitative

Signal : TIC: YLANG C3\_01.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.161    | 3          | 14       | 49        | BV 9  | 10917       | 590380     | 0.23%        | 0.046%     |
| 2      | 7.620    | 782        | 793      | 804       | BV 2  | 10147       | 256695     | 0.10%        | 0.020%     |
| 3      | 7.995    | 845        | 859      | 872       | BB    | 80545       | 2295723    | 0.88%        | 0.179%     |
| 4      | 9.085    | 1036       | 1049     | 1061      | BB 2  | 4658        | 142118     | 0.05%        | 0.011%     |
| 5      | 9.811    | 1165       | 1176     | 1189      | PB 3  | 15794       | 510045     | 0.20%        | 0.040%     |
| 6      | 10.564   | 1289       | 1308     | 1326      | BB 3  | 18558       | 579437     | 0.22%        | 0.045%     |
| 7      | 11.963   | 1531       | 1552     | 1572      | BB    | 421470      | 15157818   | 5.83%        | 1.181%     |
| 8      | 12.412   | 1614       | 1631     | 1642      | BV 3  | 25033       | 860933     | 0.33%        | 0.067%     |
| 9      | 12.529   | 1642       | 1651     | 1668      | VV 6  | 23971       | 858089     | 0.33%        | 0.067%     |
| 10     | 12.684   | 1668       | 1678     | 1693      | PB 3  | 6246        | 219566     | 0.08%        | 0.017%     |
| 11     | 15.059   | 2076       | 2093     | 2109      | BB 3  | 6766        | 253915     | 0.10%        | 0.020%     |
| 12     | 16.141   | 2260       | 2282     | 2309      | BB    | 198786      | 8388434    | 3.23%        | 0.653%     |
| 13     | 16.543   | 2329       | 2353     | 2375      | BV 2  | 912603      | 37010358   | 14.24%       | 2.882%     |
| 14     | 20.475   | 3021       | 3040     | 3062      | BV 2  | 198042      | 8842912    | 3.40%        | 0.689%     |
| 15     | 20.829   | 3088       | 3102     | 3118      | VB 2  | 6196        | 282258     | 0.11%        | 0.022%     |
| 16     | 22.044   | 3295       | 3314     | 3329      | BV 4  | 19644       | 847601     | 0.33%        | 0.066%     |
| 17     | 22.238   | 3329       | 3348     | 3364      | PB 6  | 4792        | 216117     | 0.08%        | 0.017%     |
| 18     | 22.583   | 3388       | 3408     | 3423      | BB 6  | 11557       | 482884     | 0.19%        | 0.038%     |
| 19     | 26.206   | 4017       | 4041     | 4076      | BV 3  | 167780      | 6890253    | 2.65%        | 0.537%     |
| 20     | 27.053   | 4176       | 4189     | 4205      | PB 4  | 4083        | 132793     | 0.05%        | 0.010%     |
| 21     | 27.697   | 4285       | 4302     | 4315      | BB 5  | 7544        | 238657     | 0.09%        | 0.019%     |
| 22     | 28.303   | 4392       | 4408     | 4421      | BB 3  | 9218        | 321731     | 0.12%        | 0.025%     |
| 23     | 28.983   | 4511       | 4527     | 4542      | BB 4  | 4730        | 161434     | 0.06%        | 0.013%     |
| 24     | 29.740   | 4644       | 4659     | 4665      | BV 6  | 7999        | 259168     | 0.10%        | 0.020%     |
| 25     | 29.807   | 4665       | 4671     | 4680      | VB 8  | 8453        | 242667     | 0.09%        | 0.019%     |
| 26     | 30.036   | 4684       | 4711     | 4722      | BV 7  | 28124       | 1515894    | 0.58%        | 0.118%     |
| 27     | 30.362   | 4752       | 4768     | 4775      | BV 4  | 3769        | 102167     | 0.04%        | 0.008%     |
| 28     | 30.476   | 4775       | 4788     | 4804      | VV 3  | 94972       | 3111711    | 1.20%        | 0.242%     |
| 29     | 30.777   | 4816       | 4840     | 4867      | BV    | 157141      | 4848241    | 1.87%        | 0.378%     |
| 30     | 31.270   | 4911       | 4926     | 4936      | PV 4  | 77777       | 2430006    | 0.94%        | 0.189%     |
| 31     | 31.434   | 4936       | 4955     | 4975      | VV 2  | 651740      | 20960493   | 8.07%        | 1.632%     |
| 32     | 31.849   | 4997       | 5028     | 5038      | BV    | 1966927     | 57177795   | 22.01%       | 4.453%     |
| 33     | 31.968   | 5038       | 5048     | 5053      | VV 2  | 74625       | 2511208    | 0.97%        | 0.196%     |
| 34     | 32.043   | 5053       | 5061     | 5074      | VV 3  | 210989      | 6773570    | 2.61%        | 0.528%     |
| 35     | 32.164   | 5074       | 5083     | 5090      | VV 6  | 15632       | 534573     | 0.21%        | 0.042%     |
| 36     | 32.245   | 5090       | 5097     | 5109      | VV 5  | 8266        | 247154     | 0.10%        | 0.019%     |
| 37     | 32.525   | 5136       | 5146     | 5156      | BV 4  | 5645        | 145249     | 0.06%        | 0.011%     |
| 38     | 32.956   | 5201       | 5221     | 5236      | VV 2  | 5408026     | 189079273  | 72.77%       | 14.726%    |
| 39     | 33.100   | 5236       | 5246     | 5257      | VV 4  | 41141       | 1652648    | 0.64%        | 0.129%     |
| 40     | 33.252   | 5257       | 5273     | 5293      | VV    | 250116      | 8003541    | 3.08%        | 0.623%     |

|    |        |      |      |      |      |         |           |         |         |
|----|--------|------|------|------|------|---------|-----------|---------|---------|
| 41 | 33.418 | 5293 | 5302 | 5309 | VV 8 | 10546   | 321058    | 0.12%   | 0.025%  |
| 42 | 33.486 | 5309 | 5314 | 5318 | VV 7 | 7344    | 183524    | 0.07%   | 0.014%  |
| 43 | 33.554 | 5318 | 5326 | 5345 | VV 7 | 20341   | 709986    | 0.27%   | 0.055%  |
| 44 | 33.761 | 5345 | 5362 | 5377 | VV 3 | 187479  | 6789568   | 2.61%   | 0.529%  |
| 45 | 33.931 | 5377 | 5391 | 5397 | VV 3 | 148026  | 6142678   | 2.36%   | 0.478%  |
| 46 | 34.022 | 5397 | 5407 | 5419 | VV 2 | 1753391 | 54269497  | 20.89%  | 4.227%  |
| 47 | 34.108 | 5419 | 5422 | 5429 | VV 4 | 27084   | 647765    | 0.25%   | 0.050%  |
| 48 | 34.183 | 5429 | 5436 | 5443 | VV 2 | 40172   | 1113698   | 0.43%   | 0.087%  |
| 49 | 34.313 | 5443 | 5458 | 5473 | VV 2 | 103523  | 4128368   | 1.59%   | 0.322%  |
| 50 | 34.662 | 5502 | 5519 | 5527 | PV 3 | 141693  | 4653231   | 1.79%   | 0.362%  |
| 51 | 34.769 | 5527 | 5538 | 5546 | VV   | 989494  | 31016929  | 11.94%  | 2.416%  |
| 52 | 34.904 | 5546 | 5562 | 5587 | VV   | 7308599 | 259829045 | 100.00% | 20.236% |
| 53 | 35.096 | 5587 | 5595 | 5602 | VV 2 | 63504   | 1944373   | 0.75%   | 0.151%  |
| 54 | 35.184 | 5602 | 5610 | 5617 | VV 2 | 144658  | 4441599   | 1.71%   | 0.346%  |
| 55 | 35.273 | 5617 | 5626 | 5632 | VV 2 | 373352  | 12033303  | 4.63%   | 0.937%  |
| 56 | 35.323 | 5632 | 5635 | 5644 | VV 5 | 246118  | 7655978   | 2.95%   | 0.596%  |
| 57 | 35.437 | 5644 | 5655 | 5664 | VV   | 622091  | 18129197  | 6.98%   | 1.412%  |
| 58 | 35.552 | 5664 | 5675 | 5683 | VV   | 967696  | 26690476  | 10.27%  | 2.079%  |
| 59 | 35.691 | 5683 | 5699 | 5710 | VV   | 4197999 | 128281049 | 49.37%  | 9.991%  |
| 60 | 35.822 | 5710 | 5722 | 5746 | VV   | 566548  | 17632769  | 6.79%   | 1.373%  |
| 61 | 36.097 | 5752 | 5770 | 5799 | VV   | 2149068 | 66633362  | 25.65%  | 5.189%  |
| 62 | 36.327 | 5799 | 5810 | 5822 | VV 2 | 154645  | 4444310   | 1.71%   | 0.346%  |
| 63 | 36.467 | 5822 | 5835 | 5844 | VV 2 | 160370  | 4555123   | 1.75%   | 0.355%  |
| 64 | 36.548 | 5844 | 5849 | 5855 | VV 5 | 16143   | 433381    | 0.17%   | 0.034%  |
| 65 | 36.620 | 5855 | 5861 | 5876 | VV 8 | 10110   | 417021    | 0.16%   | 0.032%  |
| 66 | 36.772 | 5876 | 5888 | 5899 | VV 5 | 27177   | 829683    | 0.32%   | 0.065%  |
| 67 | 36.872 | 5899 | 5905 | 5914 | VV 9 | 4806    | 158943    | 0.06%   | 0.012%  |
| 68 | 36.983 | 5914 | 5925 | 5933 | VV 6 | 7485    | 198214    | 0.08%   | 0.015%  |
| 69 | 37.137 | 5942 | 5952 | 5961 | VV 5 | 34612   | 841481    | 0.32%   | 0.066%  |
| 70 | 37.237 | 5961 | 5969 | 5975 | VV 8 | 8446    | 247111    | 0.10%   | 0.019%  |
| 71 | 37.300 | 5975 | 5980 | 5988 | VV 3 | 15018   | 368527    | 0.14%   | 0.029%  |
| 72 | 37.396 | 5988 | 5997 | 6003 | VV 4 | 29730   | 757588    | 0.29%   | 0.059%  |
| 73 | 37.458 | 6003 | 6008 | 6015 | VV 6 | 13377   | 364941    | 0.14%   | 0.028%  |
| 74 | 37.545 | 6015 | 6023 | 6028 | VV   | 33016   | 756213    | 0.29%   | 0.059%  |
| 75 | 37.612 | 6028 | 6035 | 6044 | VV 5 | 85723   | 2403358   | 0.92%   | 0.187%  |
| 76 | 37.700 | 6044 | 6050 | 6057 | VV 2 | 45279   | 1073571   | 0.41%   | 0.084%  |
| 77 | 37.779 | 6057 | 6064 | 6075 | VV 6 | 61449   | 1753753   | 0.67%   | 0.137%  |
| 78 | 37.880 | 6075 | 6082 | 6088 | VV 2 | 42098   | 861019    | 0.33%   | 0.067%  |
| 79 | 37.960 | 6088 | 6096 | 6110 | VV 8 | 29980   | 1065690   | 0.41%   | 0.083%  |
| 80 | 38.098 | 6110 | 6120 | 6121 | VV 4 | 11003   | 194080    | 0.07%   | 0.015%  |
| 81 | 38.134 | 6121 | 6126 | 6129 | VV 4 | 22288   | 462425    | 0.18%   | 0.036%  |
| 82 | 38.185 | 6129 | 6135 | 6140 | VV 4 | 72068   | 1598585   | 0.62%   | 0.124%  |
| 83 | 38.250 | 6140 | 6146 | 6160 | VV 2 | 277715  | 6099537   | 2.35%   | 0.475%  |
| 84 | 38.395 | 6160 | 6172 | 6177 | VV   | 232279  | 4646797   | 1.79%   | 0.362%  |
| 85 | 38.454 | 6177 | 6182 | 6191 | VV 3 | 131880  | 2599346   | 1.00%   | 0.202%  |
| 86 | 38.597 | 6194 | 6207 | 6213 | VV 2 | 1008535 | 25020163  | 9.63%   | 1.949%  |
| 87 | 38.658 | 6213 | 6218 | 6226 | VV   | 325098  | 6742621   | 2.60%   | 0.525%  |
| 88 | 38.777 | 6226 | 6238 | 6259 | VV   | 1536158 | 31065683  | 11.96%  | 2.419%  |
| 89 | 38.947 | 6259 | 6268 | 6272 | VV 5 | 26524   | 621127    | 0.24%   | 0.048%  |
| 90 | 39.003 | 6272 | 6278 | 6286 | VV 2 | 104759  | 2050508   | 0.79%   | 0.160%  |
| 91 | 39.088 | 6286 | 6293 | 6306 | VV 6 | 29648   | 853101    | 0.33%   | 0.066%  |
| 92 | 39.180 | 6306 | 6309 | 6314 | VV 7 | 7000    | 139709    | 0.05%   | 0.011%  |
| 93 | 39.443 | 6347 | 6355 | 6358 | PV 5 | 4910    | 92685     | 0.04%   | 0.007%  |
| 94 | 39.533 | 6363 | 6371 | 6388 | VV   | 1216117 | 17047285  | 6.56%   | 1.328%  |
| 95 | 39.661 | 6388 | 6393 | 6404 | VV 6 | 25844   | 649964    | 0.25%   | 0.051%  |
| 96 | 39.751 | 6404 | 6409 | 6421 | VV 3 | 14718   | 361856    | 0.14%   | 0.028%  |

|     |        |      |      |      |      |         |          |        |        |
|-----|--------|------|------|------|------|---------|----------|--------|--------|
| 97  | 39.999 | 6442 | 6452 | 6463 | VV   | 5965115 | 84244454 | 32.42% | 6.561% |
| 98  | 40.082 | 6463 | 6467 | 6480 | VV   | 24003   | 558462   | 0.21%  | 0.043% |
| 99  | 40.350 | 6507 | 6513 | 6529 | VV 6 | 7140    | 172827   | 0.07%  | 0.013% |
| 100 | 40.587 | 6547 | 6555 | 6564 | VV   | 1620051 | 18440802 | 7.10%  | 1.436% |
| L01 | 40.654 | 6564 | 6566 | 6572 | VV 6 | 9930    | 183477   | 0.07%  | 0.014% |
| L02 | 40.728 | 6575 | 6579 | 6582 | VV 3 | 10188   | 161112   | 0.06%  | 0.013% |
| L03 | 40.869 | 6593 | 6604 | 6628 | VV   | 1358193 | 18654808 | 7.18%  | 1.453% |
| L04 | 41.014 | 6628 | 6629 | 6637 | VV 7 | 6139    | 135803   | 0.05%  | 0.011% |
| L05 | 41.477 | 6704 | 6710 | 6718 | PV   | 91995   | 1106656  | 0.43%  | 0.086% |
| L06 | 42.040 | 6804 | 6809 | 6813 | VV 3 | 3855    | 62454    | 0.02%  | 0.005% |
| L07 | 42.219 | 6830 | 6840 | 6852 | PV 5 | 6206    | 134453   | 0.05%  | 0.010% |

Sum of corrected areas: 1284013670

METHOD\_7.M Sun Apr 06 17:20:35 2025