

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\  
 Data File : BG037870.D  
 Acq On : 7 Nov 2018 18:04  
 Operator : JU/SJ  
 Sample : J5822-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-6

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\_G\METHODS\8270-BG101818.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.633       | 392           | 399         | 412          | rBV      | 433050         | 728921        | 18.82%          | 3.674%        |
| 2         | 7.237       | 665           | 672         | 686          | rBV      | 290683         | 557016        | 14.38%          | 2.808%        |
| 3         | 7.618       | 727           | 737         | 749          | rBV      | 839195         | 1494473       | 38.59%          | 7.533%        |
| 4         | 8.094       | 811           | 818         | 828          | rBV      | 203581         | 366447        | 9.46%           | 1.847%        |
| 5         | 8.418       | 865           | 873         | 884          | rBV      | 742956         | 1348969       | 34.83%          | 6.799%        |
| 6         | 9.269       | 1010          | 1018        | 1029         | rBV      | 673344         | 1273766       | 32.89%          | 6.420%        |
| 7         | 10.915      | 1290          | 1298        | 1309         | rVB      | 307676         | 576525        | 14.89%          | 2.906%        |
| 8         | 13.347      | 1702          | 1712        | 1730         | rBV      | 1856363        | 3107999       | 80.25%          | 15.666%       |
| 9         | 14.728      | 1940          | 1947        | 1955         | rBV3     | 526708         | 860493        | 22.22%          | 4.337%        |
| 10        | 16.214      | 2193          | 2200        | 2221         | rBV      | 1325082        | 2149677       | 55.50%          | 10.835%       |
| 11        | 17.472      | 2408          | 2414        | 2427         | rBV2     | 619714         | 990581        | 25.58%          | 4.993%        |
| 12        | 18.329      | 2555          | 2560        | 2569         | rBV5     | 26941          | 51785         | 1.34%           | 0.261%        |
| 13        | 20.074      | 2850          | 2857        | 2872         | rBV      | 2901351        | 3873048       | 100.00%         | 19.522%       |
| 14        | 21.755      | 3136          | 3143        | 3154         | rBV2     | 532297         | 981683        | 25.35%          | 4.948%        |
| 15        | 22.530      | 3269          | 3275        | 3282         | rVB3     | 29015          | 59079         | 1.53%           | 0.298%        |
| 16        | 23.235      | 3389          | 3395        | 3405         | rVB2     | 45171          | 97642         | 2.52%           | 0.492%        |
| 17        | 24.058      | 3528          | 3535        | 3544         | rBV2     | 43194          | 106305        | 2.74%           | 0.536%        |
| 18        | 25.086      | 3693          | 3710        | 3729         | rBV3     | 271416         | 1021306       | 26.37%          | 5.148%        |
| 19        | 26.203      | 3890          | 3900        | 3907         | rBV3     | 29886          | 92321         | 2.38%           | 0.465%        |
| 20        | 26.884      | 4006          | 4016        | 4017         | rBV7     | 27573          | 60689         | 1.57%           | 0.306%        |
| 21        | 27.595      | 4128          | 4137        | 4141         | rBV8     | 13473          | 40913         | 1.06%           | 0.206%        |

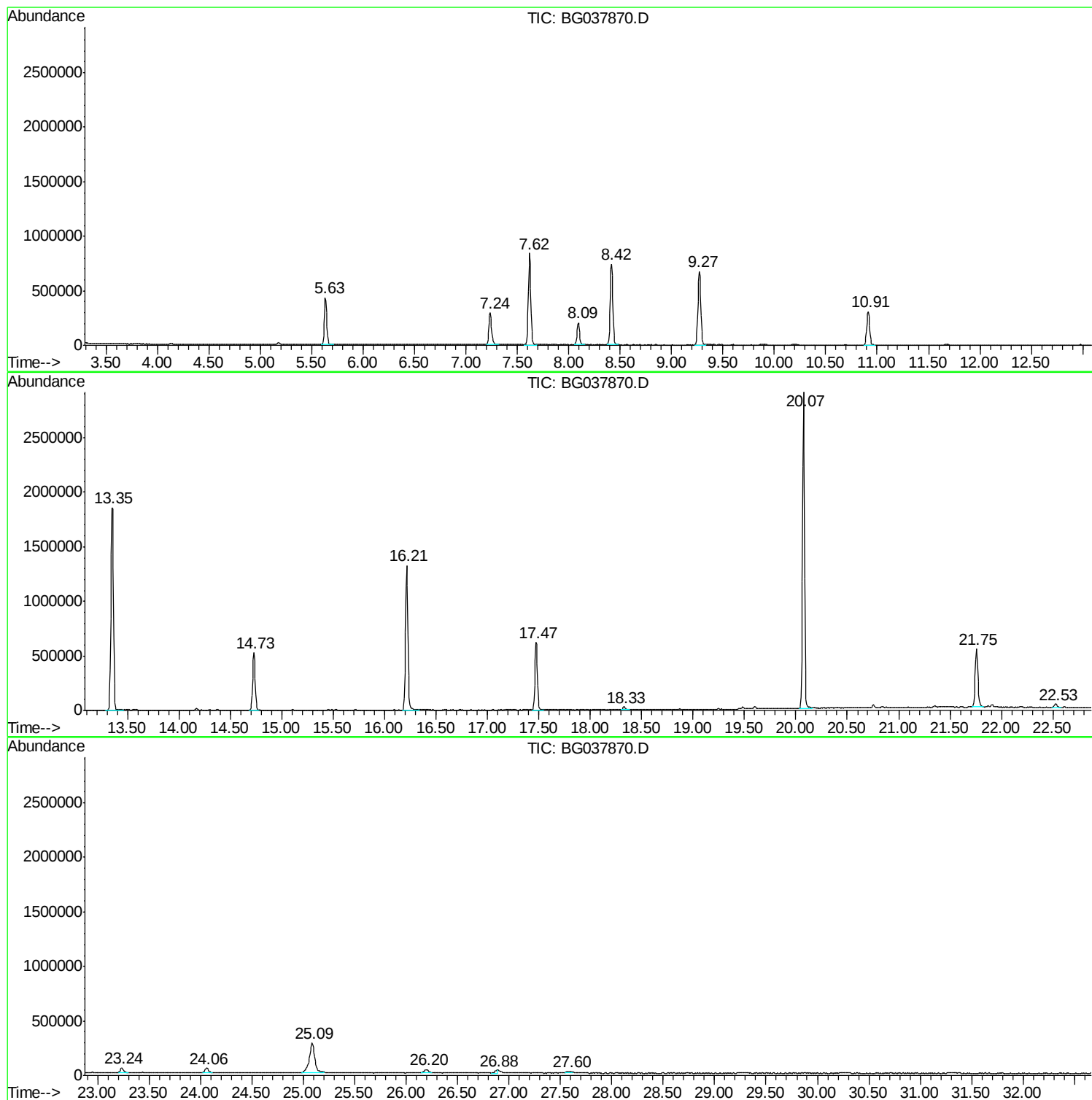
Sum of corrected areas: 19839638

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\  
Data File : BG037870.D  
Acq On : 7 Nov 2018 18:04  
Operator : JU/SJ  
Sample : J5822-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.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 G\DATA\BG110718\  
Data File : BG037870.D  
Acq On : 7 Nov 2018 18:04  
Operator : JU/SJ  
Sample : J5822-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-6

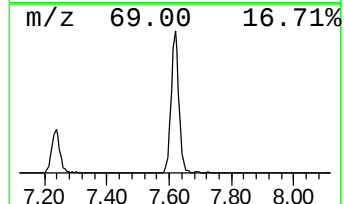
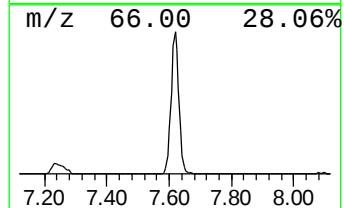
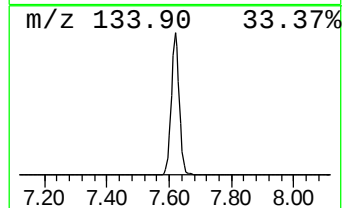
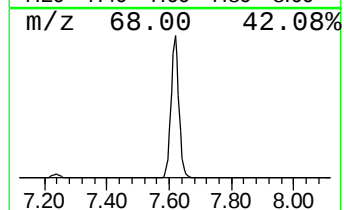
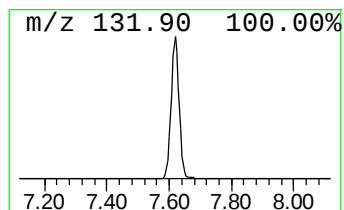
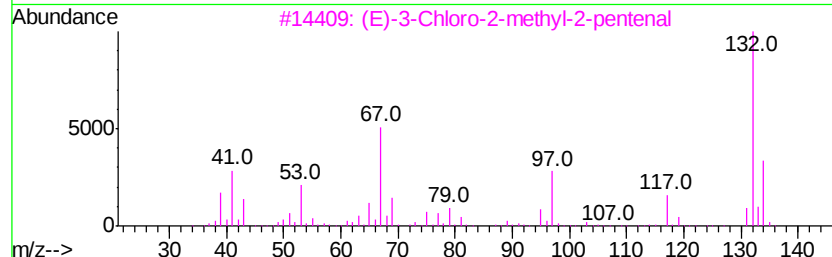
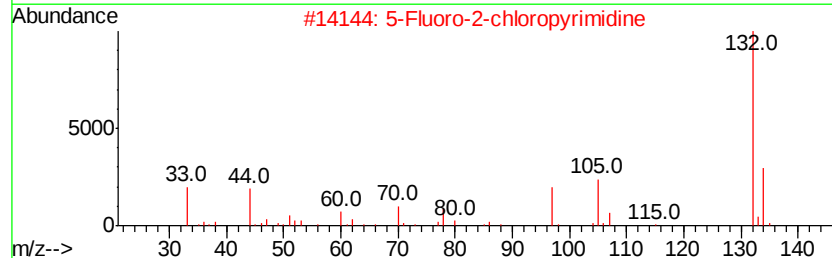
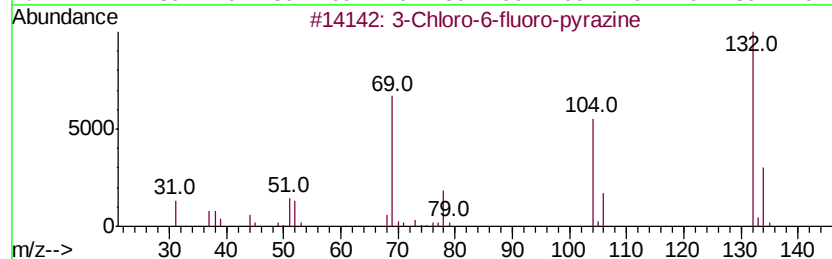
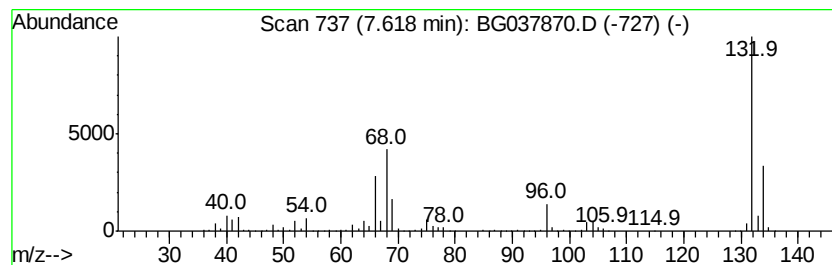
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 unknown7.62 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.62 | 81.57 ng | 1494470 | 1,4-Dichlorobenzene-d4 | 8.09 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 4    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 5    |    | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4    | 019485-35-9  | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\  
Data File : BG037870.D  
Acq On : 7 Nov 2018 18:04  
Operator : JU/SJ  
Sample : J5822-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

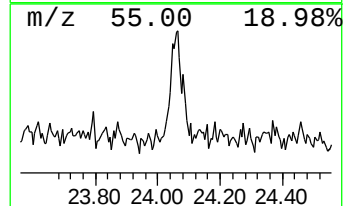
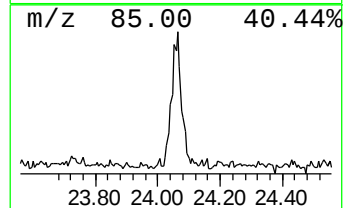
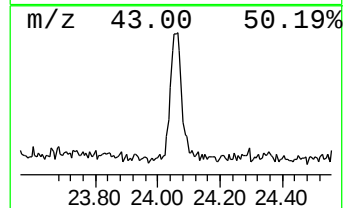
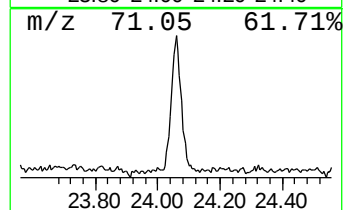
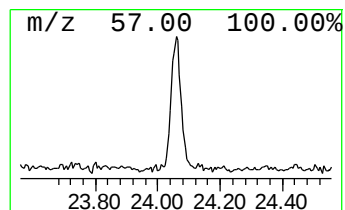
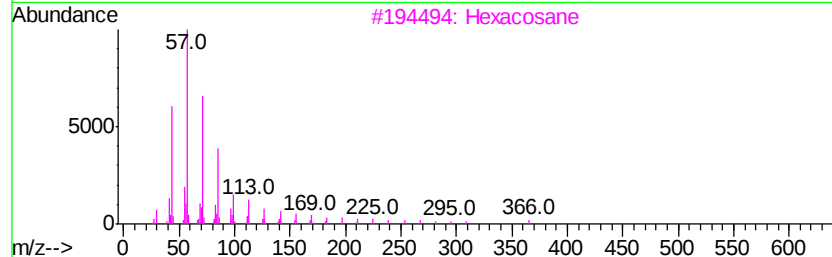
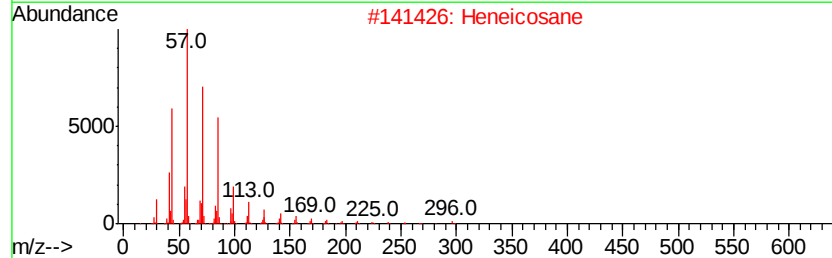
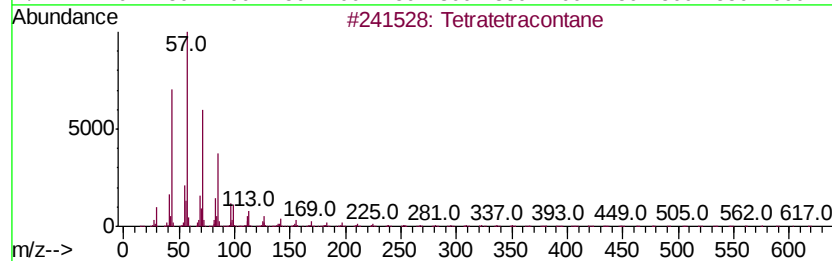
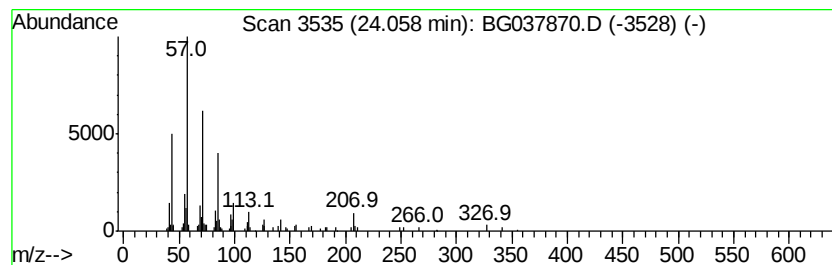
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Tetratetracontane Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 24.06 | 2.08 ng | 106305 | Perylene-d12     | 25.09 |

| Hit# of | 5 | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|---------|---|--------------------|-----|---------|--------------|------|
| 1       |   | Tetratetracontane  | 619 | C44H90  | 007098-22-8  | 87   |
| 2       |   | Heneicosane        | 296 | C21H44  | 000629-94-7  | 87   |
| 3       |   | Hexacosane         | 366 | C26H54  | 000630-01-3  | 87   |
| 4       |   | Octacosane         | 394 | C28H58  | 000630-02-4  | 83   |
| 5       |   | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG110718\  
Data File : BG037870.D  
Acq On : 7 Nov 2018 18:04  
Operator : JU/SJ  
Sample : J5822-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG101818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                   |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown7.62       | 7.62  | 81.6    | ng    | 1494470  | 1                     | 8.09  | 366447  | 20.0 |
| Tetratetracontane | 24.06 | 2.1     | ng    | 106305   | 6                     | 25.09 | 1021310 | 20.0 |