

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030519\  
 Data File : BN004621.D  
 Acq On : 05 Mar 2019 12:52  
 Operator : JU/SJ  
 Sample : K1626-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF664

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
 Title : SVOA 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         | 3.234       | 39            | 42          | 50           | rVB      | 3346           | 4663          | 0.68%           | 0.089%        |
| 2         | 4.187       | 201           | 204         | 210          | rVB2     | 624            | 686           | 0.10%           | 0.013%        |
| 3         | 4.858       | 315           | 318         | 323          | rBB2     | 1142           | 1684          | 0.25%           | 0.032%        |
| 4         | 6.893       | 658           | 664         | 673          | rBB2     | 34741          | 72009         | 10.50%          | 1.378%        |
| 5         | 7.069       | 690           | 694         | 702          | rBB      | 25507          | 41202         | 6.01%           | 0.789%        |
| 6         | 7.258       | 721           | 726         | 732          | rBB      | 36239          | 56253         | 8.21%           | 1.077%        |
| 7         | 7.728       | 801           | 806         | 812          | rBB      | 78785          | 121715        | 17.76%          | 2.330%        |
| 8         | 8.422       | 919           | 924         | 930          | rBB      | 49992          | 75815         | 11.06%          | 1.451%        |
| 9         | 8.552       | 943           | 946         | 950          | rBB      | 1540           | 2097          | 0.31%           | 0.040%        |
| 10        | 8.893       | 998           | 1004        | 1010         | rBB      | 36097          | 56687         | 8.27%           | 1.085%        |
| 11        | 9.252       | 1062          | 1065        | 1067         | rBB      | 1198           | 1049          | 0.15%           | 0.020%        |
| 12        | 9.605       | 1120          | 1125        | 1131         | rBB      | 28548          | 42012         | 6.13%           | 0.804%        |
| 13        | 10.134      | 1209          | 1215        | 1221         | rBB      | 54265          | 81343         | 11.87%          | 1.557%        |
| 14        | 10.516      | 1273          | 1280        | 1287         | rBB      | 133824         | 211579        | 30.87%          | 4.050%        |
| 15        | 10.658      | 1298          | 1304        | 1311         | rBB      | 51296          | 81277         | 11.86%          | 1.556%        |
| 16        | 12.022      | 1531          | 1536        | 1540         | rBB      | 7955           | 11218         | 1.64%           | 0.215%        |
| 17        | 13.781      | 1829          | 1835        | 1839         | rBV      | 114522         | 151177        | 22.05%          | 2.894%        |
| 18        | 13.828      | 1839          | 1843        | 1847         | rVB      | 18809          | 24028         | 3.51%           | 0.460%        |
| 19        | 14.063      | 1877          | 1883        | 1890         | rBB      | 128908         | 179931        | 26.25%          | 3.444%        |
| 20        | 14.181      | 1901          | 1903        | 1906         | rBB      | 1657           | 1885          | 0.27%           | 0.036%        |
| 21        | 14.369      | 1930          | 1935        | 1941         | rBB2     | 220625         | 321825        | 46.95%          | 6.160%        |
| 22        | 14.569      | 1964          | 1969        | 1974         | rBB      | 33383          | 44701         | 6.52%           | 0.856%        |
| 23        | 15.363      | 2099          | 2104        | 2110         | rBB      | 173812         | 247212        | 36.06%          | 4.732%        |
| 24        | 15.487      | 2121          | 2125        | 2129         | rBB      | 22645          | 27221         | 3.97%           | 0.521%        |
| 25        | 16.069      | 2222          | 2224        | 2227         | rBB      | 608            | 695           | 0.10%           | 0.013%        |
| 26        | 17.116      | 2396          | 2402        | 2408         | rBV2     | 299415         | 424966        | 62.00%          | 8.135%        |
| 27        | 17.216      | 2413          | 2419        | 2426         | rBB2     | 209548         | 281868        | 41.12%          | 5.395%        |
| 28        | 17.998      | 2549          | 2552        | 2557         | rBB      | 16450          | 19405         | 2.83%           | 0.371%        |
| 29        | 18.081      | 2563          | 2566        | 2568         | rBB      | 1140           | 1197          | 0.17%           | 0.023%        |
| 30        | 18.710      | 2671          | 2673        | 2676         | rBV      | 689            | 739           | 0.11%           | 0.014%        |
| 31        | 19.151      | 2744          | 2748        | 2752         | rBV      | 1761           | 1879          | 0.27%           | 0.036%        |
| 32        | 19.286      | 2768          | 2771        | 2775         | rBV      | 5333           | 5925          | 0.86%           | 0.113%        |
| 33        | 19.410      | 2788          | 2792        | 2795         | rBV      | 942            | 1265          | 0.18%           | 0.024%        |
| 34        | 19.522      | 2805          | 2811        | 2817         | rBV      | 287263         | 369899        | 53.96%          | 7.080%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 19.751 | 2848 | 2850 | 2853 | rVB  | 934    | 761    | 0.11%   | 0.015%  |
| 36 | 20.457 | 2968 | 2970 | 2972 | rVB  | 964    | 709    | 0.10%   | 0.014%  |
| 37 | 20.551 | 2984 | 2986 | 2989 | rBV  | 2158   | 1650   | 0.24%   | 0.032%  |
| 38 | 20.622 | 2994 | 2998 | 3001 | rBV  | 4314   | 4372   | 0.64%   | 0.084%  |
| 39 | 20.963 | 3055 | 3056 | 3062 | rBV4 | 1015   | 1635   | 0.24%   | 0.031%  |
| 40 | 21.016 | 3062 | 3065 | 3070 | rBV2 | 12500  | 15621  | 2.28%   | 0.299%  |
| 41 | 21.157 | 3085 | 3089 | 3091 | rBV2 | 1175   | 1430   | 0.21%   | 0.027%  |
| 42 | 21.322 | 3111 | 3117 | 3122 | rBV  | 513987 | 659220 | 96.17%  | 12.619% |
| 43 | 21.410 | 3129 | 3132 | 3135 | rBV2 | 3233   | 3581   | 0.52%   | 0.069%  |
| 44 | 21.457 | 3137 | 3140 | 3143 | rVB  | 8737   | 8870   | 1.29%   | 0.170%  |
| 45 | 21.745 | 3187 | 3189 | 3192 | rVB2 | 3826   | 4186   | 0.61%   | 0.080%  |
| 46 | 21.892 | 3210 | 3214 | 3218 | rBV  | 14486  | 16047  | 2.34%   | 0.307%  |
| 47 | 22.357 | 3288 | 3293 | 3299 | rBV  | 25972  | 36928  | 5.39%   | 0.707%  |
| 48 | 22.869 | 3375 | 3380 | 3386 | rVB  | 32591  | 45513  | 6.64%   | 0.871%  |
| 49 | 23.439 | 3470 | 3477 | 3485 | rVB2 | 279689 | 498654 | 72.75%  | 9.545%  |
| 50 | 23.586 | 3494 | 3502 | 3511 | rBV  | 359916 | 685476 | 100.00% | 13.121% |
| 51 | 24.086 | 3581 | 3587 | 3595 | rVB  | 34326  | 65160  | 9.51%   | 1.247%  |
| 52 | 24.845 | 3709 | 3716 | 3726 | rVB2 | 39206  | 98272  | 14.34%  | 1.881%  |
| 53 | 25.716 | 3857 | 3864 | 3873 | rBV  | 18461  | 46773  | 6.82%   | 0.895%  |
| 54 | 26.751 | 4034 | 4040 | 4049 | rVB3 | 12725  | 36510  | 5.33%   | 0.699%  |
| 55 | 27.974 | 4241 | 4248 | 4259 | rVB5 | 7998   | 25750  | 3.76%   | 0.493%  |

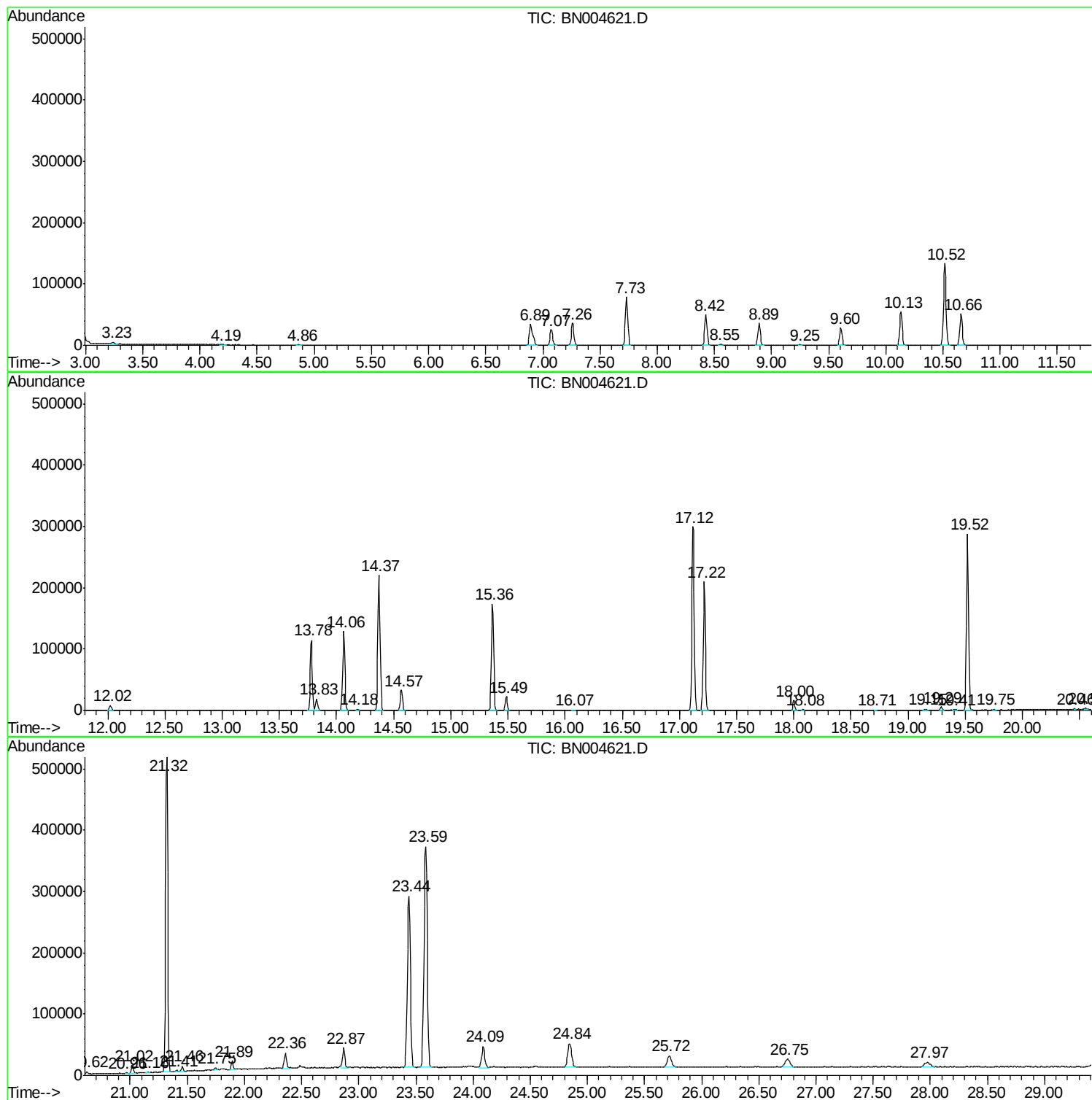
Sum of corrected areas: 5224225

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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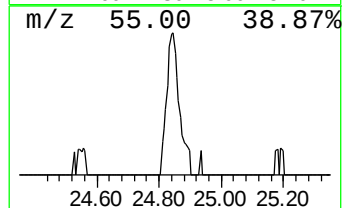
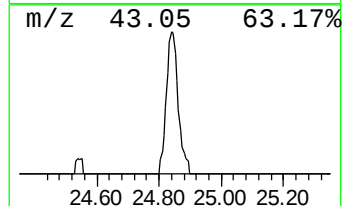
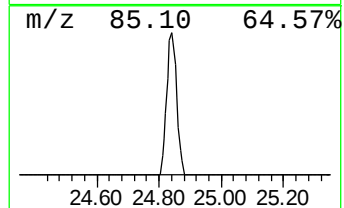
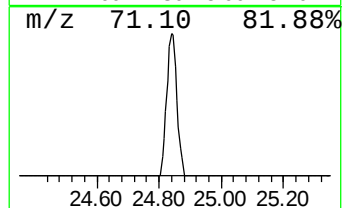
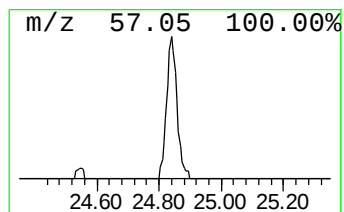
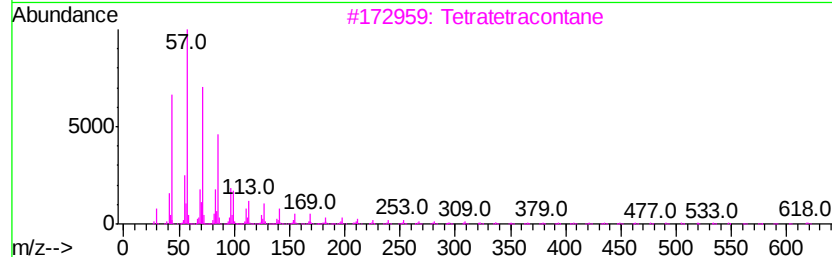
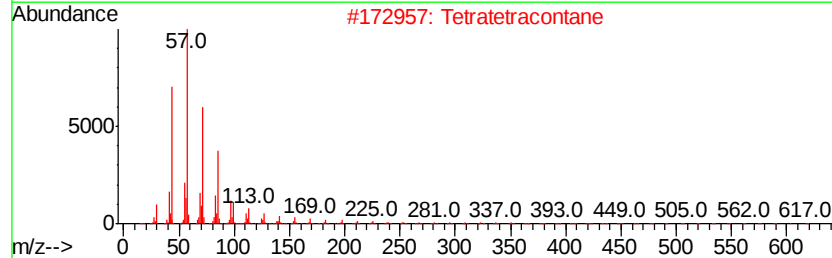
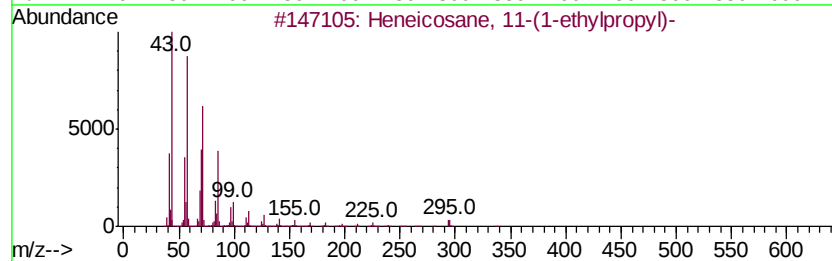
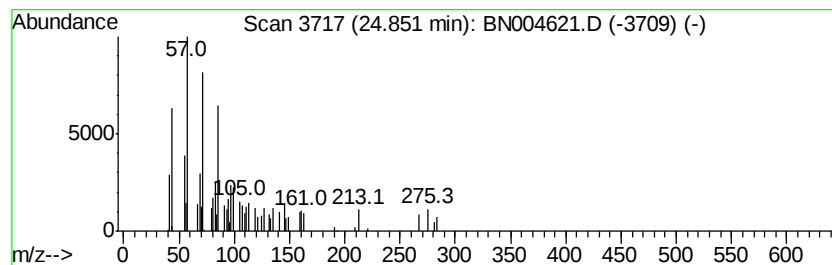
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 24.85 | 2.87 ng/ul | 98272 | Perylene-d12     | 23.59 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 80   |
| 2    |    | Tetratetracontane                | 619 | C44H90  | 007098-22-8 | 80   |
| 3    |    | Tetratetracontane                | 619 | C44H90  | 007098-22-8 | 80   |
| 4    |    | Tetrapentacontane                | 759 | C54H110 | 005856-66-6 | 80   |
| 5    |    | Hentriacontane                   | 437 | C31H64  | 000630-04-6 | 80   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: Str... | 24.85 | 2.9     | ng/ul | 98272    | 6                     | 23.59 | 685476 | 20.0 |