

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122618\  
 Data File : BN004232.D  
 Acq On : 27 Dec 2018 08:53  
 Operator : JU/SJ  
 Sample : J6541-06  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9F61

## Integration Parameters: LSCINT.P

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

Filtering: 5  
 Min Area: 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-BN121218MA.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         | 6.993       | 676           | 681         | 687          | rBB      | 17338          | 25427         | 2.08%           | 0.293%        |
| 2         | 7.157       | 703           | 709         | 719          | rBB      | 75083          | 116991        | 9.57%           | 1.347%        |
| 3         | 7.352       | 737           | 742         | 750          | rBB      | 77724          | 119146        | 9.75%           | 1.372%        |
| 4         | 7.822       | 816           | 822         | 828          | rBB      | 87977          | 134624        | 11.01%          | 1.550%        |
| 5         | 8.528       | 937           | 942         | 950          | rBB      | 62091          | 93862         | 7.68%           | 1.081%        |
| 6         | 8.993       | 1015          | 1021        | 1029         | rBB      | 95021          | 156908        | 12.84%          | 1.806%        |
| 7         | 9.704       | 1137          | 1142        | 1149         | rBB      | 84326          | 133145        | 10.89%          | 1.533%        |
| 8         | 10.240      | 1227          | 1233        | 1248         | rBB      | 117253         | 199496        | 16.32%          | 2.297%        |
| 9         | 10.616      | 1290          | 1297        | 1304         | rBV      | 149706         | 241661        | 19.77%          | 2.782%        |
| 10        | 13.863      | 1844          | 1849        | 1862         | rBB      | 298901         | 412417        | 33.74%          | 4.748%        |
| 11        | 14.157      | 1892          | 1899        | 1913         | rBV      | 348224         | 501111        | 41.00%          | 5.769%        |
| 12        | 14.463      | 1945          | 1951        | 1958         | rBB2     | 247626         | 371832        | 30.42%          | 4.280%        |
| 13        | 14.698      | 1987          | 1991        | 2002         | rBB2     | 10737          | 20888         | 1.71%           | 0.240%        |
| 14        | 15.451      | 2113          | 2119        | 2131         | rBB      | 465573         | 669423        | 54.77%          | 7.706%        |
| 15        | 15.592      | 2138          | 2143        | 2153         | rBB      | 139662         | 184919        | 15.13%          | 2.129%        |
| 16        | 17.210      | 2412          | 2418        | 2424         | rBV      | 342996         | 473697        | 38.76%          | 5.453%        |
| 17        | 17.310      | 2428          | 2435        | 2450         | rVB      | 525663         | 772518        | 63.21%          | 8.893%        |
| 18        | 19.604      | 2819          | 2825        | 2836         | rBV2     | 731411         | 959664        | 78.52%          | 11.047%       |
| 19        | 21.398      | 3124          | 3130        | 3135         | rBV      | 546237         | 677549        | 55.44%          | 7.800%        |
| 20        | 21.945      | 3220          | 3223        | 3228         | rVB      | 14392          | 16885         | 1.38%           | 0.194%        |
| 21        | 22.421      | 3299          | 3304        | 3310         | rBV      | 31609          | 41477         | 3.39%           | 0.477%        |
| 22        | 22.939      | 3387          | 3392        | 3399         | rVB      | 49958          | 67788         | 5.55%           | 0.780%        |
| 23        | 23.521      | 3485          | 3491        | 3493         | rBV      | 51828          | 86106         | 7.04%           | 0.991%        |
| 24        | 23.568      | 3493          | 3499        | 3510         | rVB      | 654985         | 1222240       | 100.00%         | 14.070%       |
| 25        | 23.715      | 3517          | 3524        | 3532         | rBV2     | 383338         | 738444        | 60.42%          | 8.501%        |
| 26        | 24.180      | 3597          | 3603        | 3613         | rBV      | 47616          | 94422         | 7.73%           | 1.087%        |
| 27        | 24.951      | 3727          | 3734        | 3744         | rVB      | 41044          | 89626         | 7.33%           | 1.032%        |
| 28        | 25.845      | 3880          | 3886        | 3896         | rVB2     | 24647          | 64579         | 5.28%           | 0.743%        |

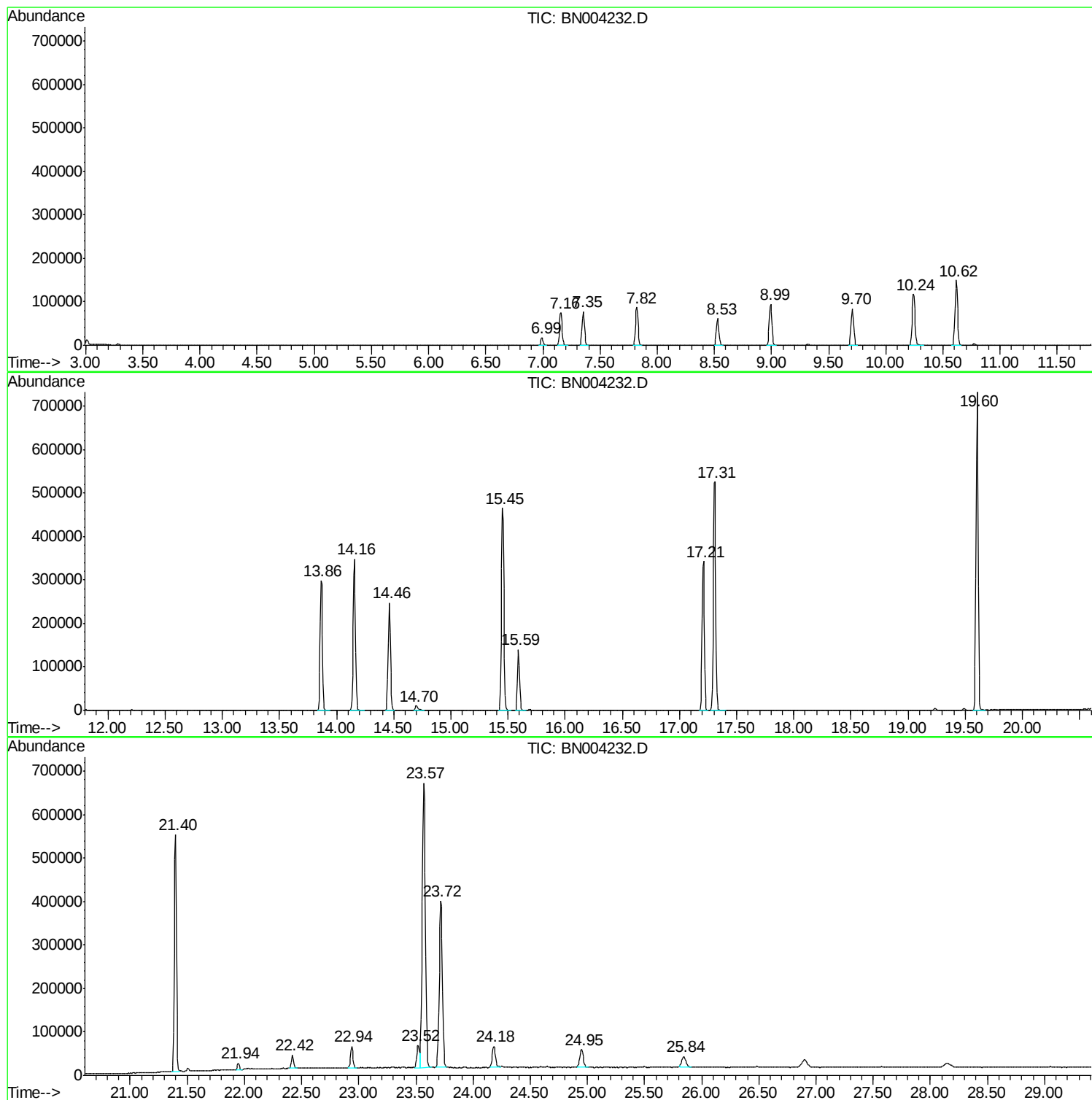
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN121218MA.M  
Quant Title : SVOA CALIBRATION

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



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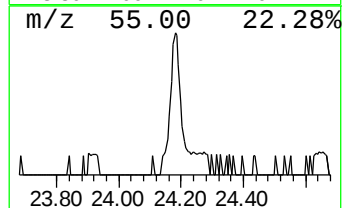
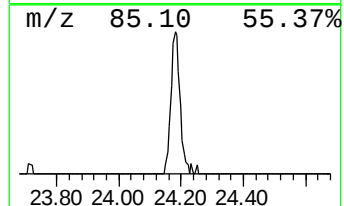
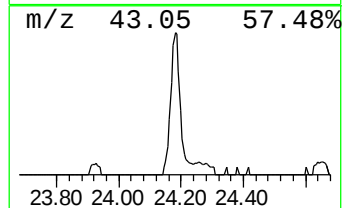
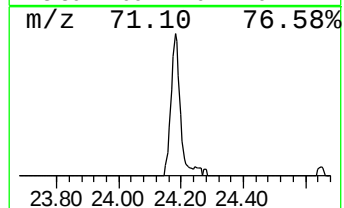
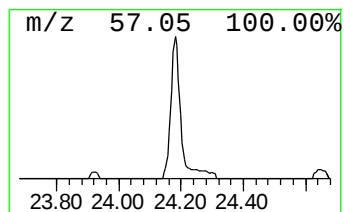
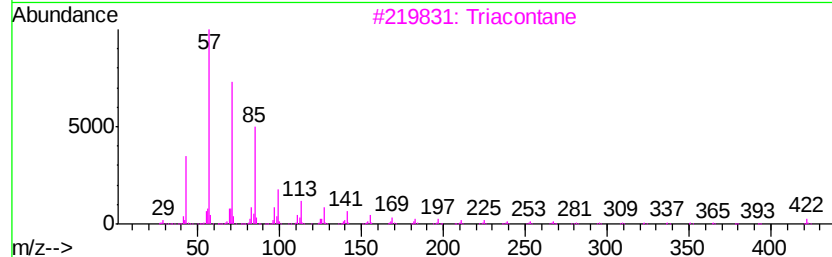
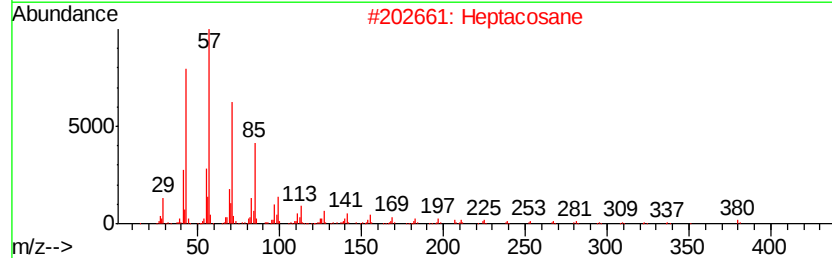
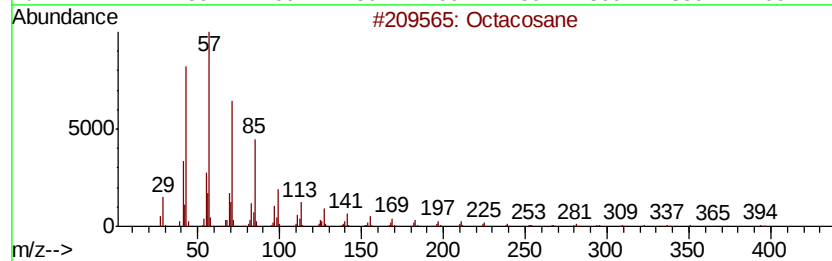
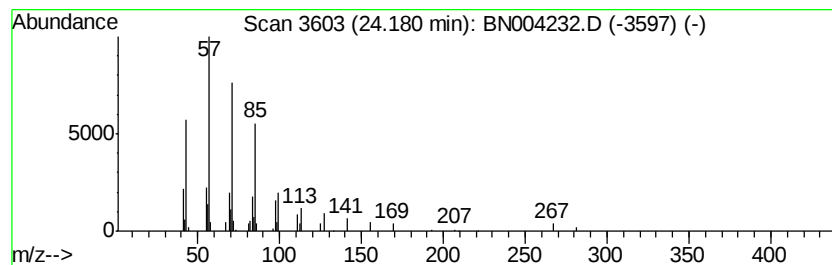
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 24.18 | 2.56 ng/ul | 94422 | Perylene-d12     | 23.72 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Octacosane            | 394 | C28H58  | 000630-02-4  | 91   |
| 2    |    | Heptacosane           | 380 | C27H56  | 000593-49-7  | 91   |
| 3    |    | triacontane           | 422 | C30H62  | 000638-68-6  | 91   |
| 4    |    | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 5    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |



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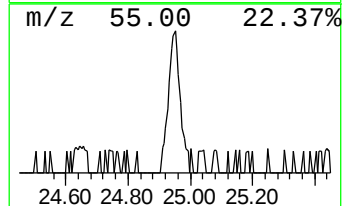
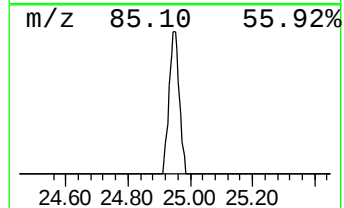
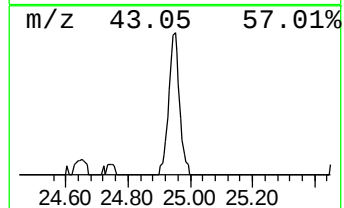
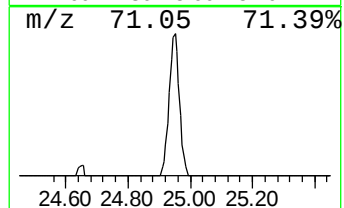
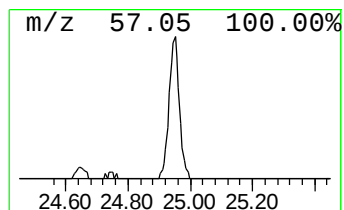
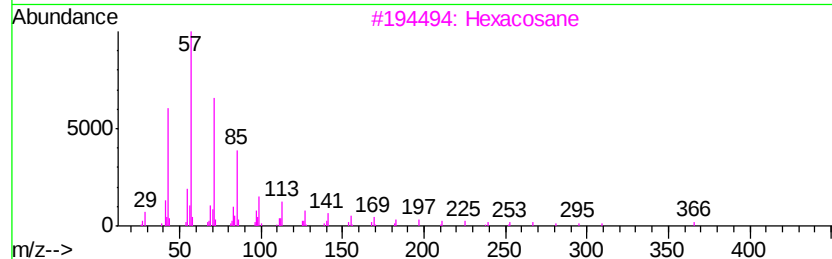
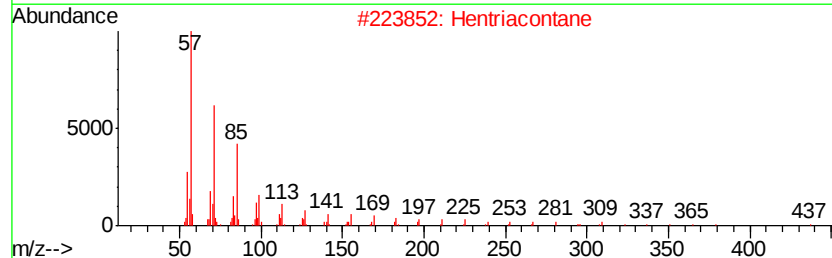
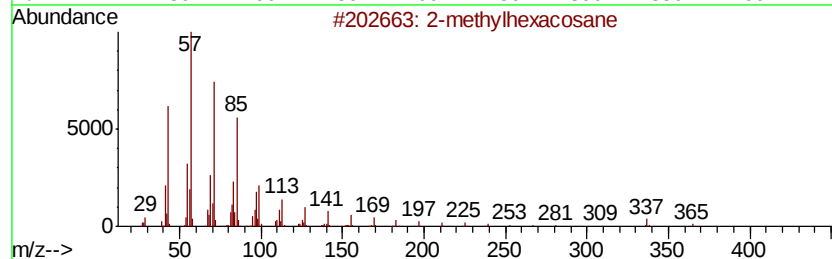
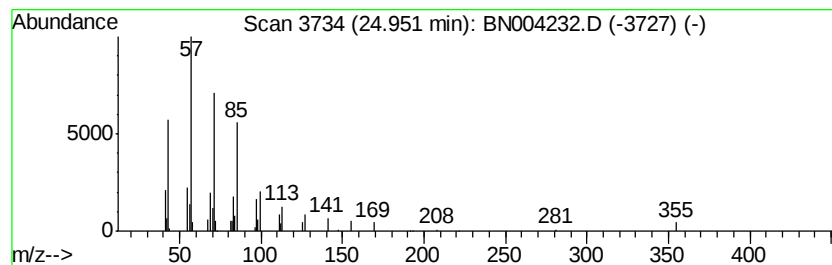
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 24.95 | 2.43 ng/ul | 89626 | Perylene-d12     | 23.72 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------|-----|---------|--------------|------|
| 1    |    |   | 2-methylhexacosane    | 380 | C27H56  | 1000376-72-7 | 91   |
| 2    |    |   | Hentriacontane        | 437 | C31H64  | 000630-04-6  | 91   |
| 3    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3  | 91   |
| 4    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |
| 5    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4  | 91   |



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|                      |       |         |       |          | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
| TIC Top Hit name     | RT    | EstConc | Units | Response | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: Str... | 24.18 | 2.6     | ng/ul | 94422    | 6                     | 23.72 | 738444 | 20.0 |
| (DEL) Alkane: Str... | 24.95 | 2.4     | ng/ul | 89626    | 6                     | 23.72 | 738444 | 20.0 |