

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081518\  
 Data File : BN002352.D  
 Acq On : 16 Aug 2018 01:23  
 Operator : JU/SJ  
 Sample : J4490-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0351

## 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-BN081318MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 6.858    | 653        | 658      | 671       | rVB   | 186260      | 316563     | 4.25%        | 0.521%     |
| 2      | 7.017    | 680        | 685      | 700       | rVB   | 725290      | 1165955    | 15.65%       | 1.921%     |
| 3      | 7.217    | 712        | 719      | 731       | rVB   | 730645      | 1213124    | 16.28%       | 1.998%     |
| 4      | 7.675    | 791        | 797      | 810       | rVB   | 701282      | 1164145    | 15.63%       | 1.918%     |
| 5      | 8.381    | 911        | 917      | 932       | rBV   | 594020      | 994698     | 13.35%       | 1.638%     |
| 6      | 8.828    | 985        | 993      | 1012      | rVB   | 963729      | 1673729    | 22.47%       | 2.757%     |
| 7      | 9.540    | 1107       | 1114     | 1132      | rVB   | 809896      | 1359827    | 18.25%       | 2.240%     |
| 8      | 10.075   | 1198       | 1205     | 1223      | rBV   | 1013973     | 1853717    | 24.88%       | 3.053%     |
| 9      | 10.452   | 1262       | 1269     | 1281      | rBV   | 1088894     | 1843257    | 24.74%       | 3.036%     |
| 10     | 13.722   | 1819       | 1825     | 1836      | rVB   | 2499251     | 3390374    | 45.51%       | 5.584%     |
| 11     | 13.999   | 1865       | 1872     | 1887      | rBV   | 2705081     | 3986902    | 53.51%       | 6.567%     |
| 12     | 14.310   | 1918       | 1925     | 1936      | rVB2  | 1673885     | 2577793    | 34.60%       | 4.246%     |
| 13     | 14.528   | 1957       | 1962     | 1978      | rBV   | 128846      | 260782     | 3.50%        | 0.430%     |
| 14     | 15.304   | 2087       | 2094     | 2105      | rBV   | 3474980     | 5001551    | 67.13%       | 8.238%     |
| 15     | 15.434   | 2110       | 2116     | 2127      | rVV   | 1128871     | 1648092    | 22.12%       | 2.715%     |
| 16     | 17.057   | 2385       | 2392     | 2400      | rBV   | 2273282     | 3158181    | 42.39%       | 5.202%     |
| 17     | 17.157   | 2402       | 2409     | 2419      | rBV   | 3878539     | 5494989    | 73.76%       | 9.051%     |
| 18     | 19.457   | 2793       | 2800     | 2808      | rBV   | 4924439     | 6388115    | 85.74%       | 10.522%    |
| 19     | 21.251   | 3100       | 3105     | 3118      | rVV   | 2903805     | 3873884    | 52.00%       | 6.381%     |
| 20     | 22.304   | 3281       | 3284     | 3290      | rVB   | 92655       | 122962     | 1.65%        | 0.203%     |
| 21     | 22.810   | 3365       | 3370     | 3380      | rVB   | 159548      | 227133     | 3.05%        | 0.374%     |
| 22     | 23.339   | 3452       | 3460     | 3473      | rBV2  | 3845751     | 7450193    | 100.00%      | 12.272%    |
| 23     | 23.474   | 3475       | 3483     | 3494      | rVV2  | 2104623     | 3989623    | 53.55%       | 6.572%     |
| 24     | 24.004   | 3567       | 3573     | 3579      | rVB   | 222940      | 418383     | 5.62%        | 0.689%     |
| 25     | 24.733   | 3691       | 3697     | 3705      | rVB   | 219697      | 474785     | 6.37%        | 0.782%     |
| 26     | 25.586   | 3836       | 3842     | 3853      | rVB   | 142885      | 356741     | 4.79%        | 0.588%     |
| 27     | 26.592   | 4005       | 4013     | 4024      | rVB2  | 100639      | 305135     | 4.10%        | 0.503%     |

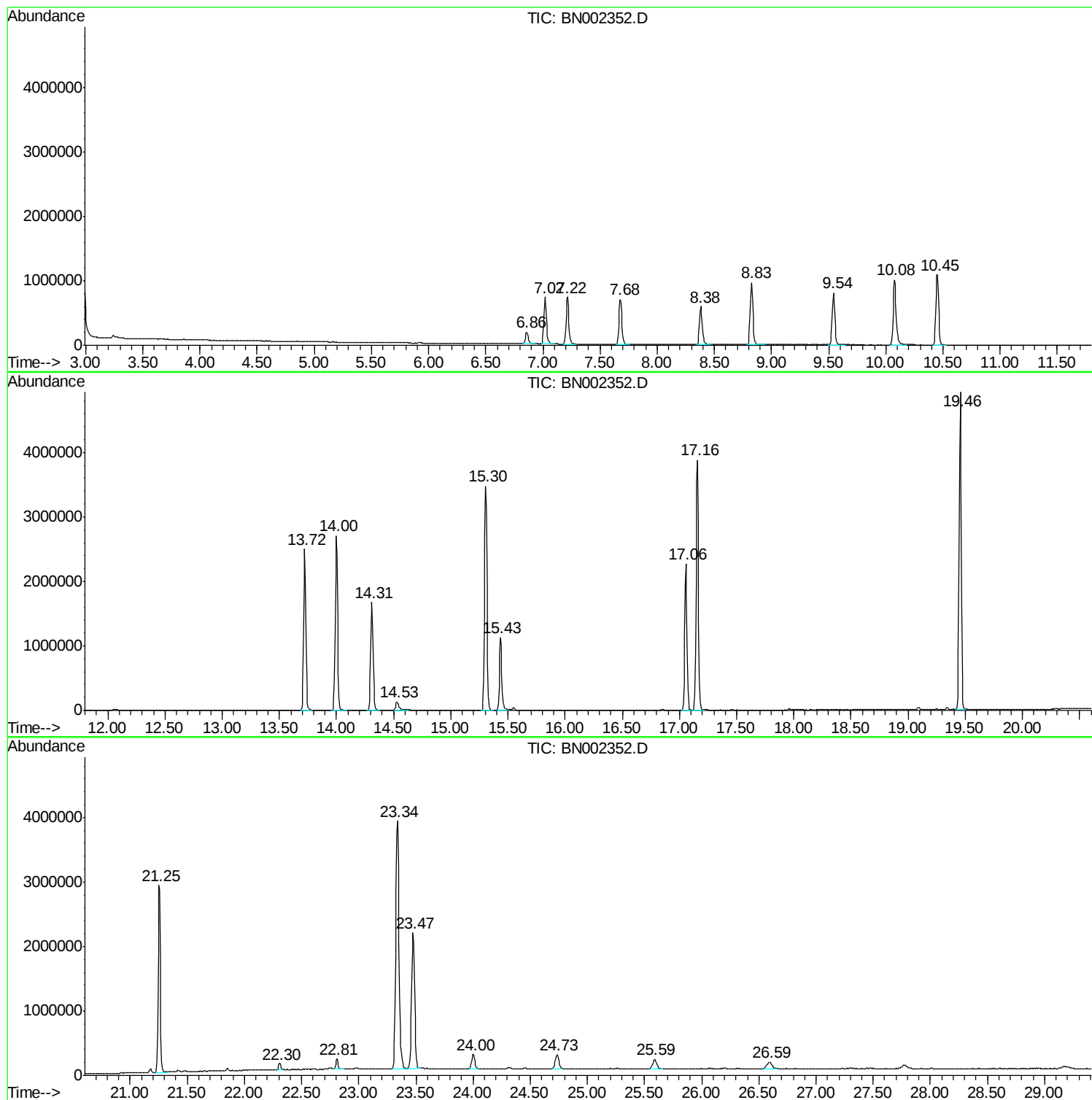
Sum of corrected areas: 60710633

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
Quant Title : SVOA CALIBRATION

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



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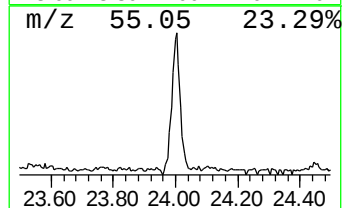
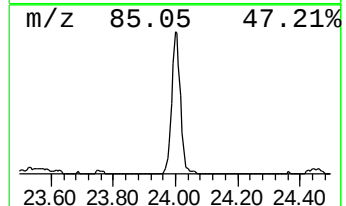
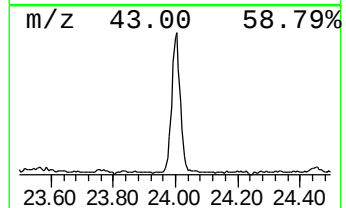
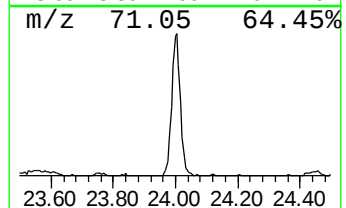
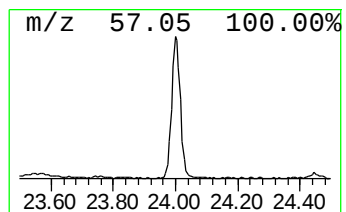
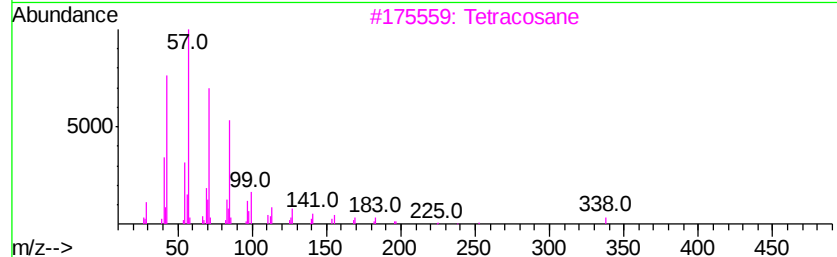
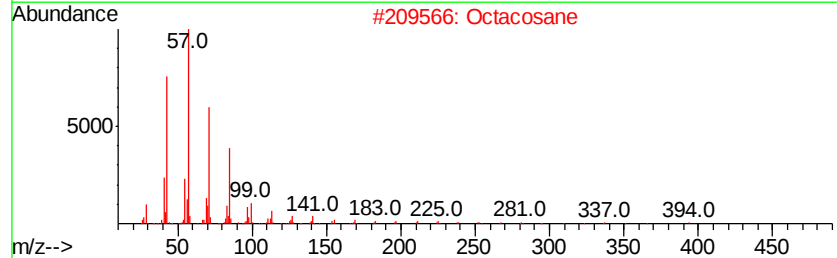
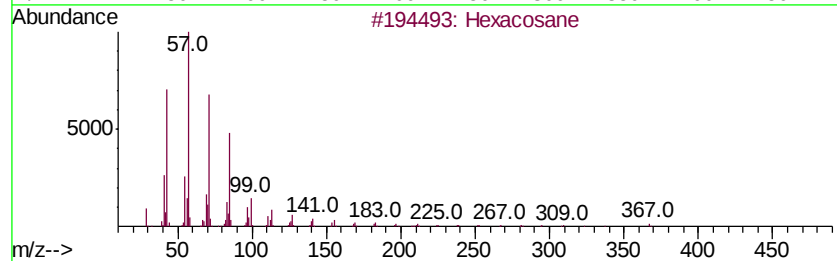
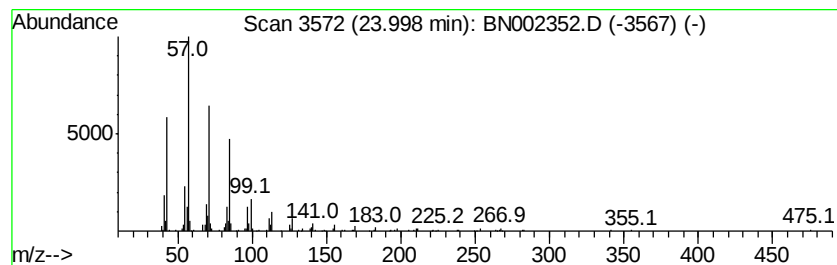
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.00 | 2.10 ng/ul | 418383 | Perylene-d12     | 23.47 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane        | 366 | C26H54  | 000630-01-3 | 93   |
| 2    |    |   | Octacosane        | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    |   | Tetracosane       | 338 | C24H50  | 000646-31-1 | 91   |
| 4    |    |   | Heneicosane       | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    |   | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 91   |



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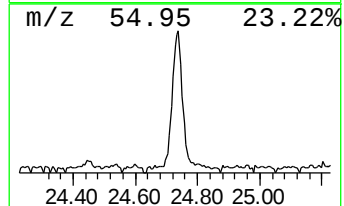
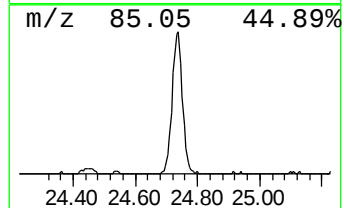
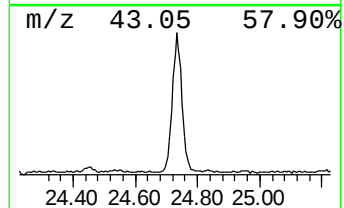
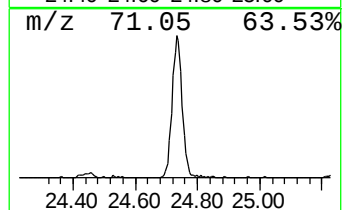
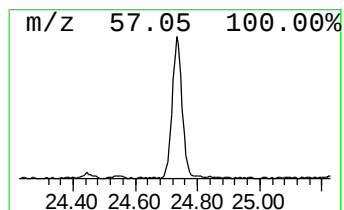
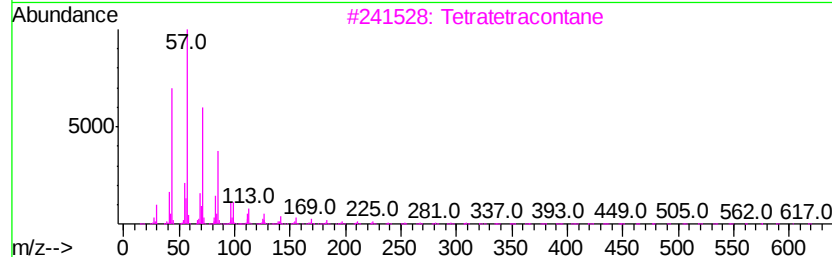
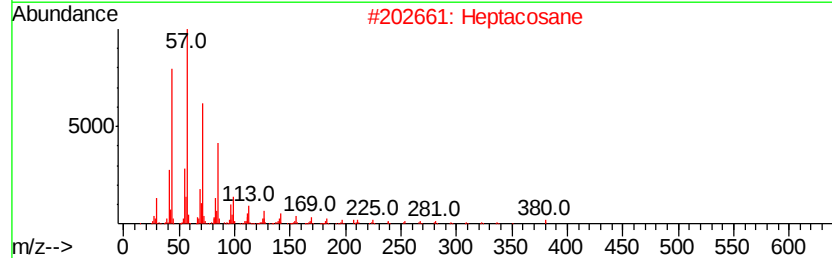
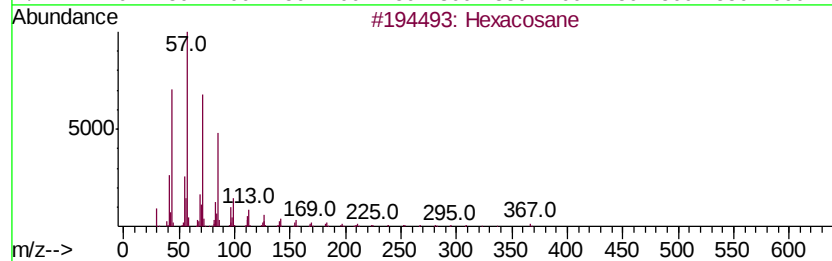
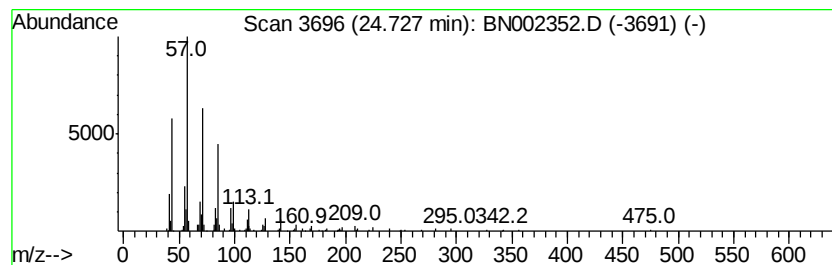
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.73 | 2.38 ng/ul | 474785 | Perylene-d12     | 23.47 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Hexacosane         | 366 | C26H54  | 000630-01-3  | 94   |
| 2    |    | Heptacosane        | 380 | C27H56  | 000593-49-7  | 91   |
| 3    |    | Tetratetracontane  | 619 | C44H90  | 007098-22-8  | 91   |
| 4    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 5    |    | Tetracosane        | 338 | C24H50  | 000646-31-1  | 91   |



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|                      |       |         |       |          | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
| TIC Top Hit name     | RT    | EstConc | Units | Response | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 24.00 | 2.1     | ng/ul | 418383   | 6                     | 23.47 | 3989620 | 20.0 |
| (DEL) Alkane: Str... | 24.73 | 2.4     | ng/ul | 474785   | 6                     | 23.47 | 3989620 | 20.0 |