

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\  
 Data File : BN005558.D  
 Acq On : 09 May 2019 09:42  
 Operator : JU/SJ  
 Sample : PB119390BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK90

## 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-BN041919MA.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         | 3.211       | 35            | 38          | 48           | rVB2     | 63306          | 100311        | 1.08%           | 0.120%        |
| 2         | 6.769       | 637           | 643         | 656          | rBV      | 1192446        | 1955730       | 21.02%          | 2.331%        |
| 3         | 6.934       | 665           | 671         | 685          | rVB      | 954140         | 1514141       | 16.28%          | 1.805%        |
| 4         | 7.122       | 697           | 703         | 719          | rVB      | 1251150        | 2063196       | 22.18%          | 2.459%        |
| 5         | 7.587       | 775           | 782         | 792          | rBV      | 861334         | 1405698       | 15.11%          | 1.676%        |
| 6         | 8.287       | 894           | 901         | 914          | rBV      | 1587825        | 2639968       | 28.38%          | 3.147%        |
| 7         | 8.728       | 969           | 976         | 989          | rBV      | 1303213        | 2165746       | 23.28%          | 2.582%        |
| 8         | 9.446       | 1090          | 1098        | 1108         | rBV      | 1091001        | 1876269       | 20.17%          | 2.237%        |
| 9         | 9.975       | 1181          | 1188        | 1207         | rBV      | 1571067        | 2848760       | 30.63%          | 3.396%        |
| 10        | 10.346      | 1244          | 1251        | 1260         | rBV      | 1333715        | 2147340       | 23.08%          | 2.560%        |
| 11        | 10.487      | 1264          | 1275        | 1297         | rBV      | 1575137        | 2958713       | 31.81%          | 3.527%        |
| 12        | 11.957      | 1519          | 1525        | 1533         | rBV4     | 15159          | 37064         | 0.40%           | 0.044%        |
| 13        | 13.193      | 1728          | 1735        | 1741         | rBV4     | 4368           | 9708          | 0.10%           | 0.012%        |
| 14        | 13.640      | 1804          | 1811        | 1826         | rBV      | 3454232        | 4918813       | 52.88%          | 5.863%        |
| 15        | 13.910      | 1850          | 1857        | 1875         | rBV      | 3808905        | 5731058       | 61.61%          | 6.832%        |
| 16        | 14.222      | 1903          | 1910        | 1922         | rBV2     | 2055300        | 3122071       | 33.56%          | 3.722%        |
| 17        | 14.440      | 1941          | 1947        | 1976         | rBV      | 973031         | 2245042       | 24.13%          | 2.676%        |
| 18        | 15.222      | 2073          | 2080        | 2097         | rBV      | 4933454        | 7108866       | 76.42%          | 8.474%        |
| 19        | 15.363      | 2097          | 2104        | 2116         | rVV      | 1191579        | 2000413       | 21.51%          | 2.385%        |
| 20        | 15.463      | 2116          | 2121        | 2127         | rVB2     | 66222          | 113931        | 1.22%           | 0.136%        |
| 21        | 16.010      | 2209          | 2214        | 2220         | rVB3     | 21136          | 29889         | 0.32%           | 0.036%        |
| 22        | 16.657      | 2320          | 2324        | 2330         | rBV3     | 6836           | 10551         | 0.11%           | 0.013%        |
| 23        | 16.769      | 2339          | 2343        | 2347         | rBV2     | 10041          | 14861         | 0.16%           | 0.018%        |
| 24        | 16.975      | 2371          | 2378        | 2388         | rBV2     | 2724012        | 3882737       | 41.74%          | 4.628%        |
| 25        | 17.075      | 2388          | 2395        | 2417         | rVB      | 5319595        | 8167942       | 87.81%          | 9.737%        |
| 26        | 19.022      | 2721          | 2726        | 2732         | rBV      | 56671          | 77865         | 0.84%           | 0.093%        |
| 27        | 19.275      | 2764          | 2769        | 2774         | rBV2     | 48694          | 69774         | 0.75%           | 0.083%        |
| 28        | 19.392      | 2782          | 2789        | 2808         | rBV      | 6552855        | 9302060       | 100.00%         | 11.088%       |
| 29        | 20.245      | 2929          | 2934        | 2936         | rBV5     | 8148           | 11502         | 0.12%           | 0.014%        |
| 30        | 20.469      | 2970          | 2972        | 2976         | rVB5     | 12736          | 12561         | 0.14%           | 0.015%        |
| 31        | 20.610      | 2993          | 2996        | 2997         | rBV3     | 10902          | 10222         | 0.11%           | 0.012%        |
| 32        | 20.945      | 3049          | 3053        | 3056         | rBV5     | 23264          | 31916         | 0.34%           | 0.038%        |
| 33        | 21.210      | 3092          | 3098        | 3111         | rBV      | 2610530        | 3812918       | 40.99%          | 4.545%        |
| 34        | 21.386      | 3125          | 3128        | 3134         | rVB2     | 61339          | 81552         | 0.88%           | 0.097%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050919\  
Data File : BN005558.D  
Acq On : 09 May 2019 09:42  
Operator : JU/SJ  
Sample : PB119390BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK90

## 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-BN041919MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 21.816 | 3198 | 3201 | 3206 | rVB2 | 76468   | 89934   | 0.97%  | 0.107% |
| 36 | 22.274 | 3275 | 3279 | 3284 | rBV  | 153474  | 178610  | 1.92%  | 0.213% |
| 37 | 22.769 | 3359 | 3363 | 3372 | rVB  | 176497  | 263311  | 2.83%  | 0.314% |
| 38 | 23.280 | 3442 | 3450 | 3456 | rBV2 | 3276116 | 6703492 | 72.06% | 7.991% |
| 39 | 23.416 | 3466 | 3473 | 3488 | rVB  | 1562596 | 3173375 | 34.11% | 3.783% |
| 40 | 23.951 | 3559 | 3564 | 3571 | rVB2 | 201671  | 372091  | 4.00%  | 0.444% |
| 41 | 24.674 | 3681 | 3687 | 3697 | rVB2 | 178351  | 367169  | 3.95%  | 0.438% |
| 42 | 25.515 | 3824 | 3830 | 3838 | rVB2 | 108157  | 262720  | 2.82%  | 0.313% |

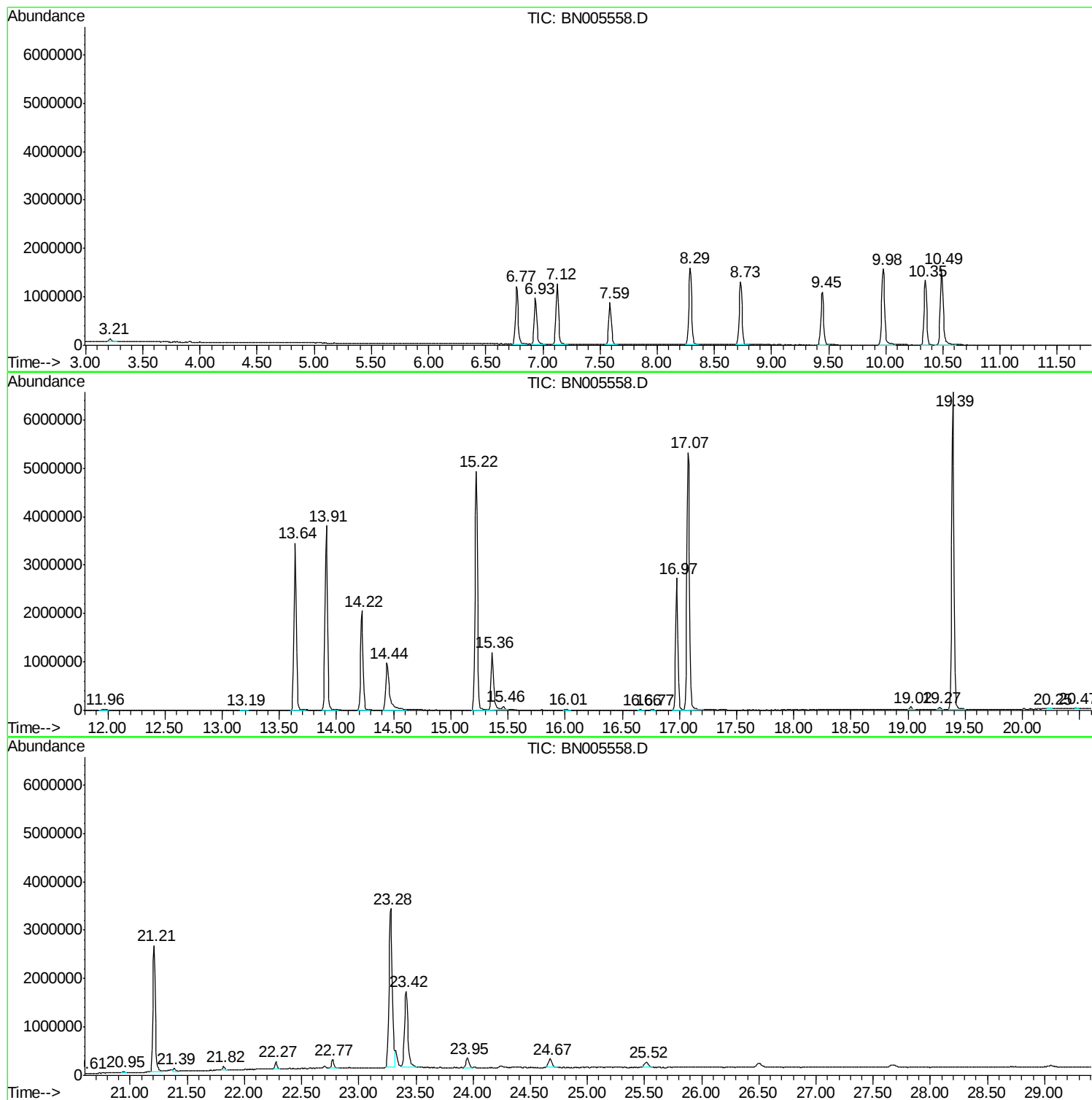
Sum of corrected areas: 83889890

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\  
Data File : BN005558.D  
Acq On : 09 May 2019 09:42  
Operator : JU/SJ  
Sample : PB119390BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\  
Data File : BN005558.D  
Acq On : 09 May 2019 09:42  
Operator : JU/SJ  
Sample : PB119390BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

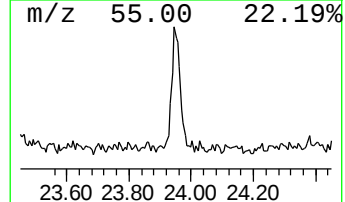
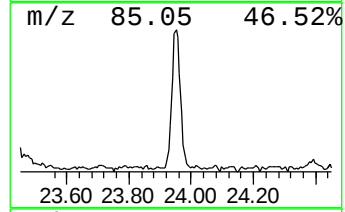
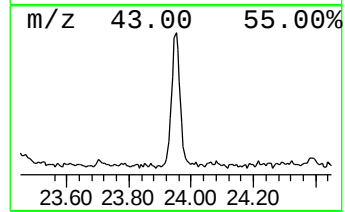
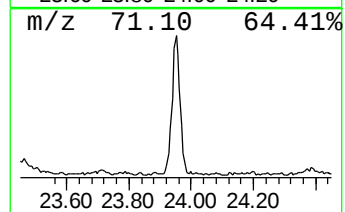
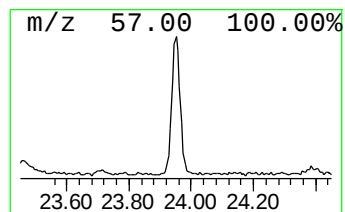
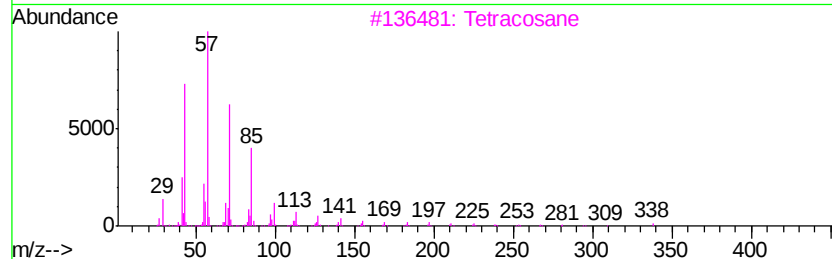
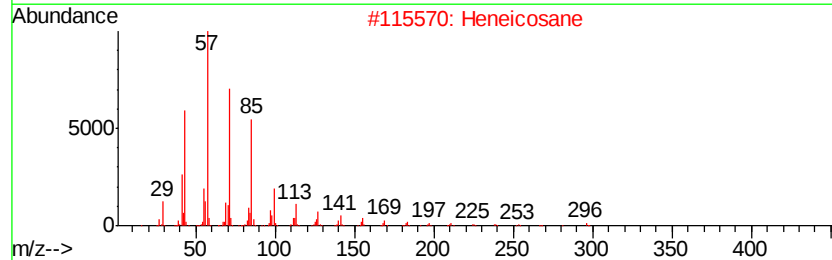
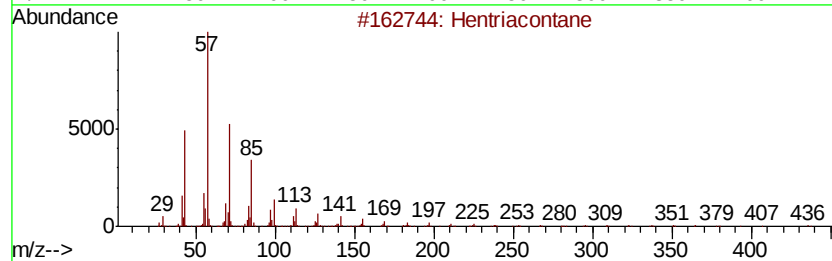
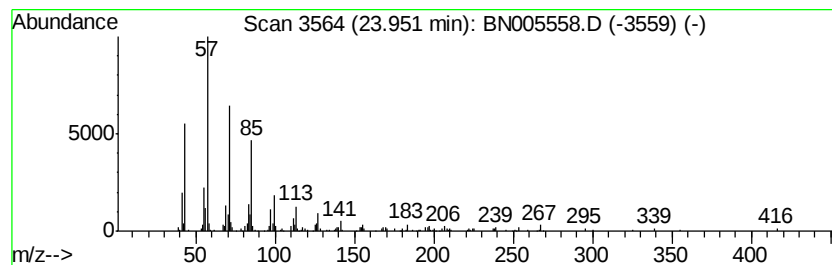
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.95 | 2.35 ng/ul | 372091 | Perylene-d12     | 23.42 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Hentriacontane         | 437 | C31H64  | 000630-04-6 | 91   |
| 2    |    | Heneicosane            | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    | Tetracosane            | 338 | C24H50  | 000646-31-1 | 91   |
| 4    |    | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 91   |
| 5    |    | Tetracontane           | 563 | C40H82  | 004181-95-7 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\  
Data File : BN005558.D  
Acq On : 09 May 2019 09:42  
Operator : JU/SJ  
Sample : PB119390BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

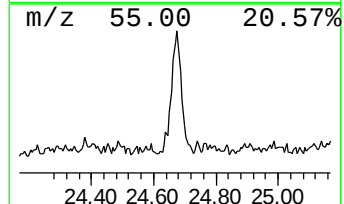
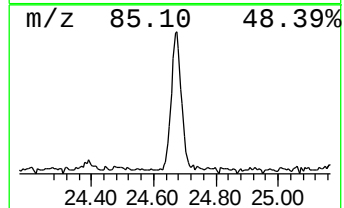
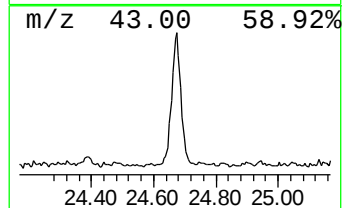
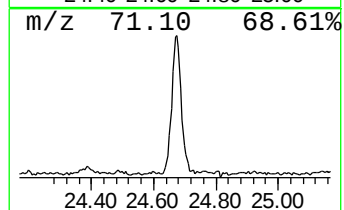
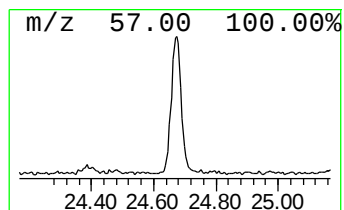
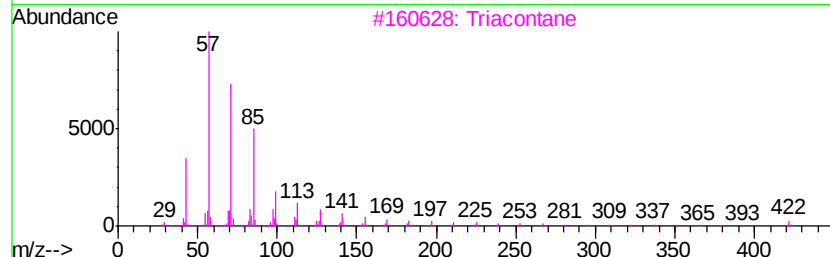
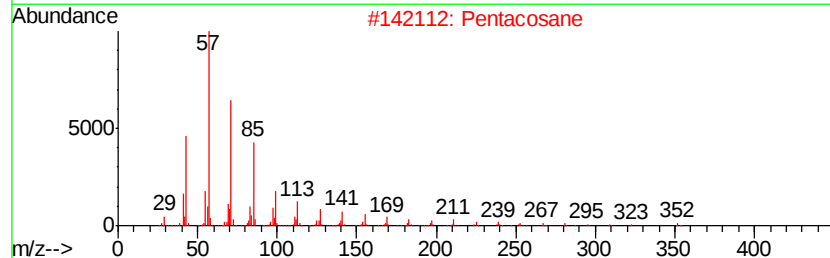
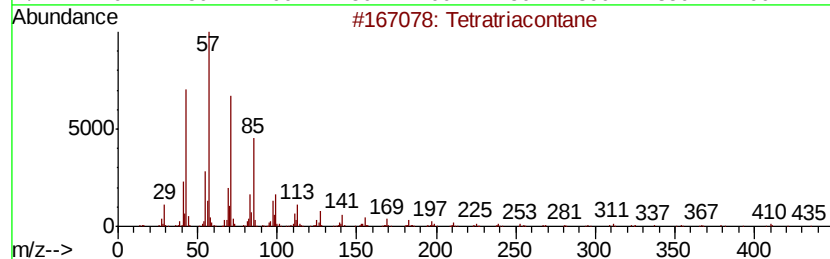
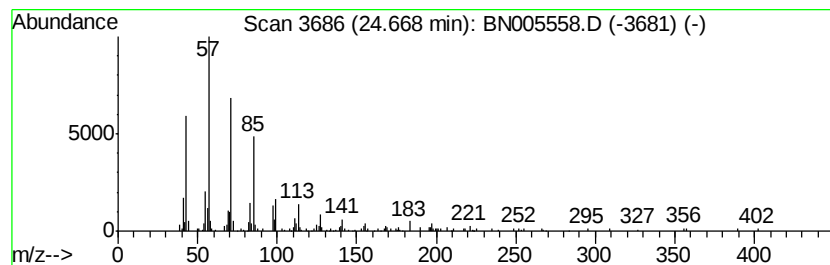
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.67 | 2.31 ng/ul | 367169 | Perylene-d12     | 23.42 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | Tetratriacontane | 479 | C34H70  | 014167-59-0 | 90   |
| 2    |    | Pentacosane      | 352 | C25H52  | 000629-99-2 | 90   |
| 3    |    | Triacosane       | 422 | C30H62  | 000638-68-6 | 90   |
| 4    |    | Octacosane       | 394 | C28H58  | 000630-02-4 | 90   |
| 5    |    | Heneicosane      | 296 | C21H44  | 000629-94-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN050919\  
Data File : BN005558.D  
Acq On : 09 May 2019 09:42  
Operator : JU/SJ  
Sample : PB119390BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

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

|                      |       |         |       |          | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
| TIC Top Hit name     | RT    | EstConc | Units | Response | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 23.95 | 2.4     | ng/ul | 372091   | 6                     | 23.42 | 3173380 | 20.0 |
| (DEL) Alkane: Str... | 24.67 | 2.3     | ng/ul | 367169   | 6                     | 23.42 | 3173380 | 20.0 |