

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100418\  
 Data File : BM017003.D  
 Acq On : 04 Oct 2018 17:11  
 Operator : MJ/SJ  
 Sample : PB113411BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK11

## 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\_M\METHODS\SOM-EPA-BM100418MA.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         | 6.875       | 654           | 661         | 670          | rVB      | 701949         | 1125517       | 25.91%          | 2.264%        |
| 2         | 7.040       | 684           | 689         | 699          | rVB      | 602699         | 914291        | 21.05%          | 1.839%        |
| 3         | 7.234       | 716           | 722         | 733          | rVB      | 777659         | 1195197       | 27.52%          | 2.405%        |
| 4         | 7.698       | 795           | 801         | 811          | rVB      | 852886         | 1355625       | 31.21%          | 2.727%        |
| 5         | 8.016       | 852           | 855         | 861          | rVB5     | 3500           | 6226          | 0.14%           | 0.013%        |
| 6         | 8.398       | 914           | 920         | 933          | rVB      | 873389         | 1398640       | 32.20%          | 2.814%        |
| 7         | 8.851       | 990           | 997         | 1007         | rVB      | 707294         | 1146343       | 26.39%          | 2.306%        |
| 8         | 9.569       | 1112          | 1119        | 1130         | rBV      | 532214         | 876370        | 20.18%          | 1.763%        |
| 9         | 10.098      | 1202          | 1209        | 1220         | rBV      | 868909         | 1445820       | 33.28%          | 2.909%        |
| 10        | 10.481      | 1266          | 1274        | 1281         | rVB      | 1179951        | 1977192       | 45.52%          | 3.978%        |
| 11        | 10.616      | 1290          | 1297        | 1308         | rBV      | 933350         | 1527137       | 35.16%          | 3.072%        |
| 12        | 12.069      | 1538          | 1544        | 1551         | rVB2     | 15551          | 25469         | 0.59%           | 0.051%        |
| 13        | 13.751      | 1824          | 1830        | 1840         | rVB      | 1626038        | 2215357       | 51.00%          | 4.457%        |
| 14        | 14.027      | 1870          | 1877        | 1886         | rBV      | 1867553        | 2747930       | 63.26%          | 5.529%        |
| 15        | 14.339      | 1923          | 1930        | 1938         | rBV2     | 1794859        | 2621439       | 60.35%          | 5.274%        |
| 16        | 14.539      | 1957          | 1964        | 1976         | rBV      | 685653         | 952337        | 21.92%          | 1.916%        |
| 17        | 15.333      | 2093          | 2099        | 2111         | rBV      | 2469638        | 3455554       | 79.55%          | 6.952%        |
| 18        | 15.457      | 2114          | 2120        | 2130         | rBV      | 532072         | 733617        | 16.89%          | 1.476%        |
| 19        | 15.574      | 2136          | 2140        | 2145         | rBV3     | 24576          | 29978         | 0.69%           | 0.060%        |
| 20        | 16.292      | 2259          | 2262        | 2266         | rVB3     | 3339           | 4384          | 0.10%           | 0.009%        |
| 21        | 16.874      | 2357          | 2361        | 2366         | rVB2     | 6793           | 9987          | 0.23%           | 0.020%        |
| 22        | 17.086      | 2391          | 2397        | 2404         | rBV2     | 2180382        | 3054815       | 70.33%          | 6.146%        |
| 23        | 17.186      | 2407          | 2414        | 2429         | rVV2     | 2576463        | 3641193       | 83.83%          | 7.326%        |
| 24        | 17.462      | 2454          | 2461        | 2465         | rBV5     | 3110           | 6975          | 0.16%           | 0.014%        |
| 25        | 18.315      | 2603          | 2606        | 2611         | rVV4     | 4496           | 7764          | 0.18%           | 0.016%        |
| 26        | 19.115      | 2738          | 2742        | 2748         | rBV2     | 27593          | 39927         | 0.92%           | 0.080%        |
| 27        | 19.368      | 2781          | 2785        | 2790         | rBV2     | 18703          | 28474         | 0.66%           | 0.057%        |
| 28        | 19.486      | 2798          | 2805        | 2811         | rBV      | 3019437        | 4125895       | 94.98%          | 8.301%        |
| 29        | 21.274      | 3104          | 3109        | 3116         | rBV      | 2845470        | 3613993       | 83.20%          | 7.271%        |
| 30        | 22.333      | 3287          | 3289        | 3295         | rVB      | 113807         | 135282        | 3.11%           | 0.272%        |
| 31        | 22.839      | 3372          | 3375        | 3380         | rVB      | 194207         | 254374        | 5.86%           | 0.512%        |
| 32        | 23.362      | 3457          | 3464        | 3469         | rBV      | 2381581        | 4343771       | 100.00%         | 8.739%        |
| 33        | 23.503      | 3481          | 3488        | 3500         | rVB      | 1968608        | 3654743       | 84.14%          | 7.353%        |
| 34        | 24.038      | 3575          | 3579        | 3587         | rVB      | 260745         | 479289        | 11.03%          | 0.964%        |

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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :  
SBLK11

Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 0.1 % 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\_M\METHODS\SOM-EPA-BM100418MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |        |        |        |        |
|----|--------|------|------|------|-----|--------|--------|--------|--------|
| 35 | 24.780 | 3701 | 3705 | 3714 | rVB | 264634 | 553076 | 12.73% | 1.113% |
|----|--------|------|------|------|-----|--------|--------|--------|--------|

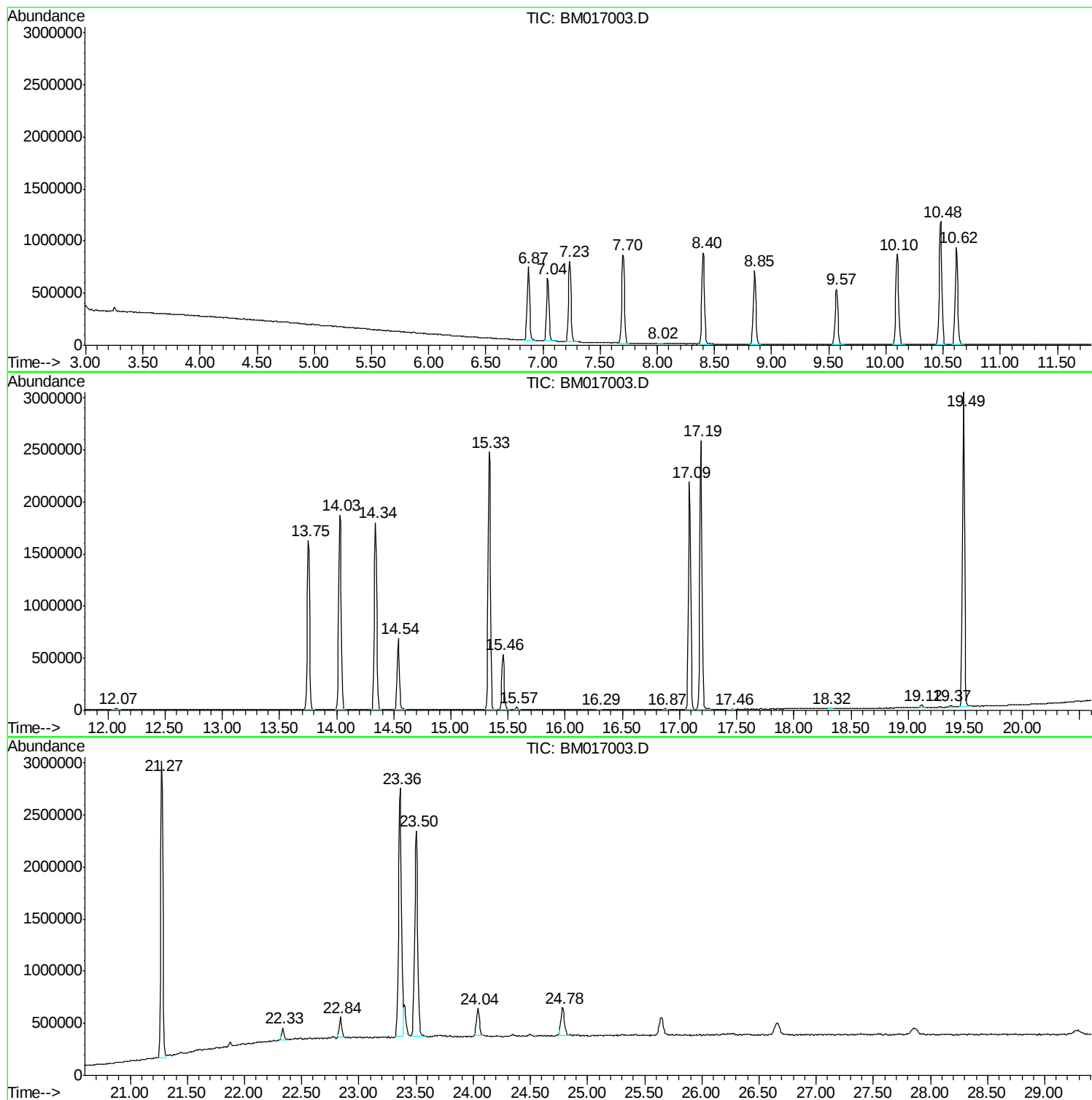
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM100418MA.M  
Quant Title : SVOA CALIBRATION

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



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Sample : PB113411BL  
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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM100418MA.M  
Quant Title : SVOA CALIBRATION

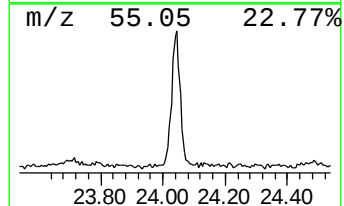
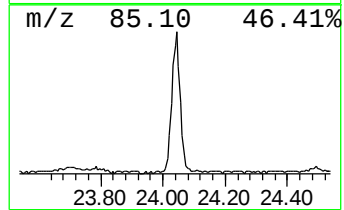
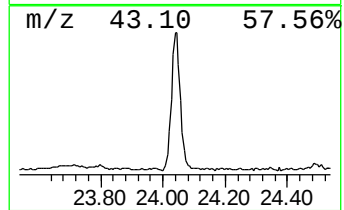
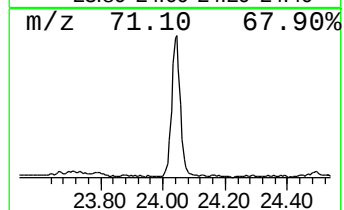
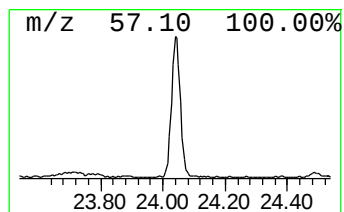
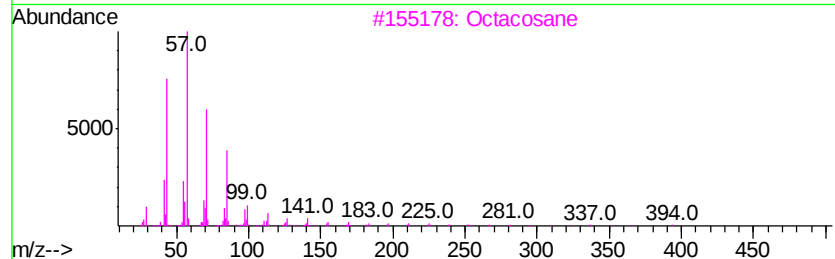
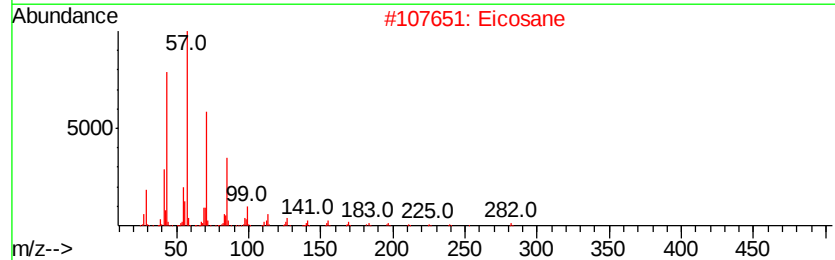
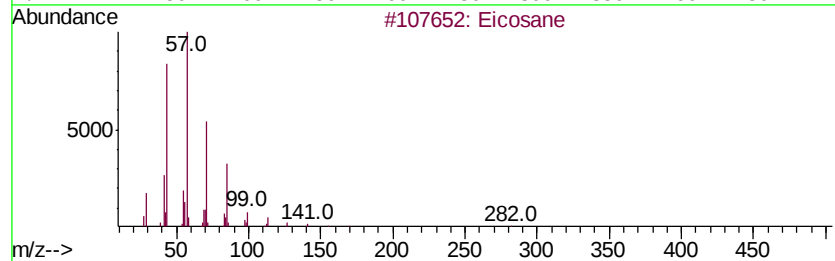
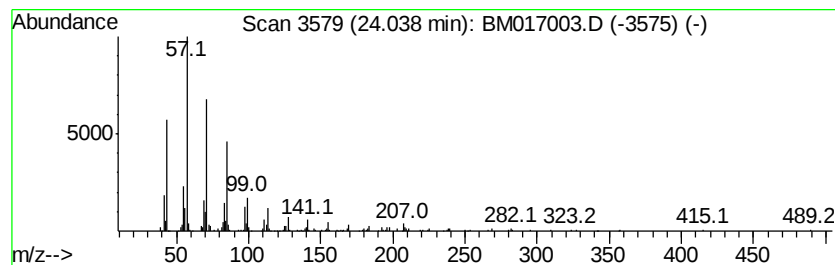
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.04 | 2.62 ng/ul | 479289 | Perylene-d12     | 23.50 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane          | 282 | C20H42  | 000112-95-8 | 96   |
| 2    |    | Eicosane          | 282 | C20H42  | 000112-95-8 | 95   |
| 3    |    | Octacosane        | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    | Nonacosane        | 408 | C29H60  | 000630-03-5 | 90   |
| 5    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 90   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM100418MA.M  
Quant Title : SVOA CALIBRATION

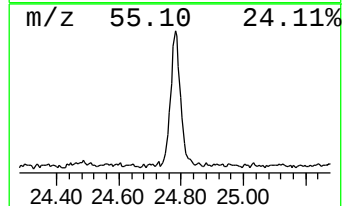
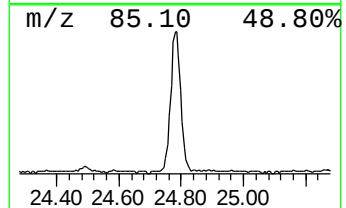
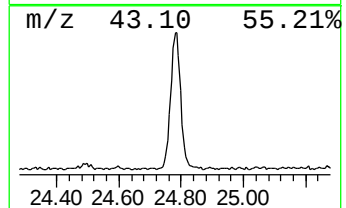
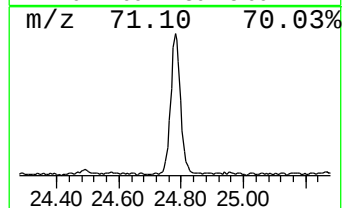
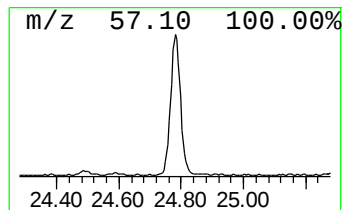
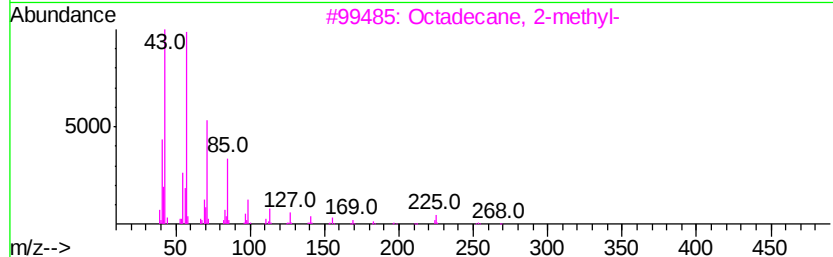
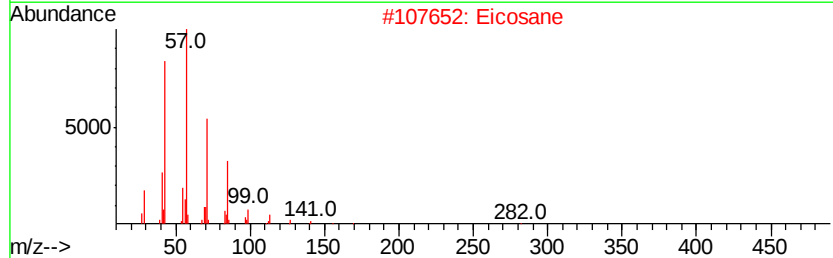
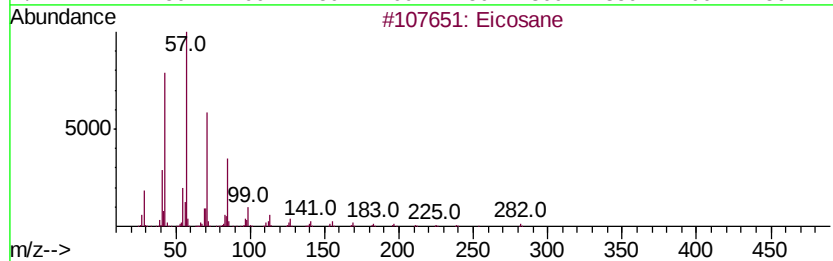
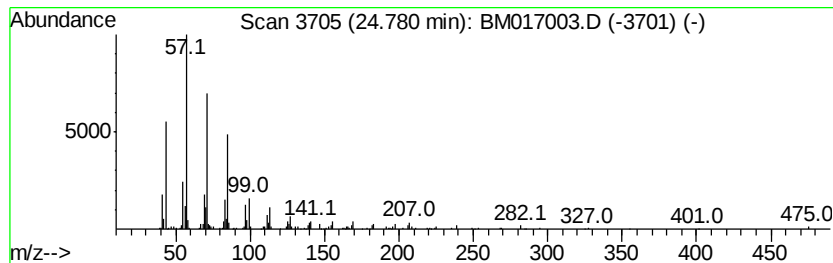
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.78 | 3.03 ng/ul | 553076 | Perylene-d12     | 23.50 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane              | 282 | C20H42  | 000112-95-8 | 96   |
| 2    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 95   |
| 3    |    | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 93   |
| 4    |    | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 90   |
| 5    |    | Nonacosane            | 408 | C29H60  | 000630-03-5 | 90   |



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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... | 24.04 | 2.6     | ng/ul | 479289   | 6                     | 23.50 | 3654740 | 20.0 |
| (DEL) Alkane: Str... | 24.78 | 3.0     | ng/ul | 553076   | 6                     | 23.50 | 3654740 | 20.0 |