

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\  
 Data File : BN002635.D  
 Acq On : 11 Sep 2018 19:09  
 Operator : JU/SJ  
 Sample : J4837-10  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C08J3

## 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<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         | 4.834       | 309           | 314         | 323          | rBV      | 40755          | 68448         | 1.01%           | 0.128%        |
| 2         | 6.846       | 651           | 656         | 673          | rVB      | 154876         | 278234        | 4.12%           | 0.519%        |
| 3         | 7.005       | 677           | 683         | 700          | rVV      | 642132         | 1006602       | 14.92%          | 1.877%        |
| 4         | 7.199       | 709           | 716         | 730          | rVB      | 660018         | 1089108       | 16.14%          | 2.031%        |
| 5         | 7.664       | 788           | 795         | 807          | rVB      | 556019         | 924996        | 13.71%          | 1.725%        |
| 6         | 8.369       | 908           | 915         | 927          | rBV      | 473993         | 826470        | 12.25%          | 1.541%        |
| 7         | 8.810       | 982           | 990         | 1005         | rBV      | 842059         | 1389828       | 20.60%          | 2.591%        |
| 8         | 9.528       | 1104          | 1112        | 1123         | rBV      | 689275         | 1181046       | 17.50%          | 2.202%        |
| 9         | 10.063      | 1196          | 1203        | 1228         | rBV      | 861982         | 1659638       | 24.59%          | 3.094%        |
| 10        | 10.428      | 1258          | 1265        | 1274         | rBV      | 857771         | 1446548       | 21.44%          | 2.697%        |
| 11        | 13.710      | 1816          | 1823        | 1834         | rBV      | 2142818        | 3050685       | 45.21%          | 5.688%        |
| 12        | 13.987      | 1863          | 1870        | 1881         | rBV      | 2376734        | 3554218       | 52.67%          | 6.626%        |
| 13        | 14.293      | 1916          | 1922        | 1933         | rVB2     | 1310340        | 2033720       | 30.14%          | 3.792%        |
| 14        | 14.528      | 1957          | 1962        | 1977         | rBV      | 82924          | 222330        | 3.29%           | 0.415%        |
| 15        | 15.293      | 2085          | 2092        | 2102         | rBV      | 3139045        | 4545543       | 67.36%          | 8.475%        |
| 16        | 15.428      | 2109          | 2115        | 2129         | rBV      | 1074764        | 1582396       | 23.45%          | 2.950%        |
| 17        | 17.045      | 2383          | 2390        | 2398         | rBV2     | 1788154        | 2523713       | 37.40%          | 4.705%        |
| 18        | 17.145      | 2400          | 2407        | 2418         | rBV      | 3535863        | 5141819       | 76.19%          | 9.586%        |
| 19        | 19.445      | 2791          | 2798        | 2805         | rBV      | 4506260        | 6036292       | 89.45%          | 11.254%       |
| 20        | 21.028      | 3063          | 3067        | 3073         | rVV      | 178297         | 227784        | 3.38%           | 0.425%        |
| 21        | 21.245      | 3098          | 3104        | 3112         | rBV      | 2378616        | 3132659       | 46.42%          | 5.841%        |
| 22        | 21.833      | 3200          | 3204        | 3208         | rBV      | 80915          | 102478        | 1.52%           | 0.191%        |
| 23        | 22.292      | 3278          | 3282        | 3286         | rVB      | 167638         | 219602        | 3.25%           | 0.409%        |
| 24        | 22.786      | 3362          | 3366        | 3372         | rVB      | 241333         | 348048        | 5.16%           | 0.649%        |
| 25        | 23.322      | 3449          | 3457        | 3467         | rBV      | 3550985        | 6748330       | 100.00%         | 12.582%       |
| 26        | 23.463      | 3473          | 3481        | 3493         | rVB      | 1575788        | 3071028       | 45.51%          | 5.726%        |
| 27        | 23.974      | 3562          | 3568        | 3577         | rVB      | 271827         | 496052        | 7.35%           | 0.925%        |
| 28        | 24.704      | 3686          | 3692        | 3704         | rVB      | 207099         | 464617        | 6.88%           | 0.866%        |
| 29        | 25.551      | 3832          | 3836        | 3844         | rVB2     | 121137         | 264358        | 3.92%           | 0.493%        |

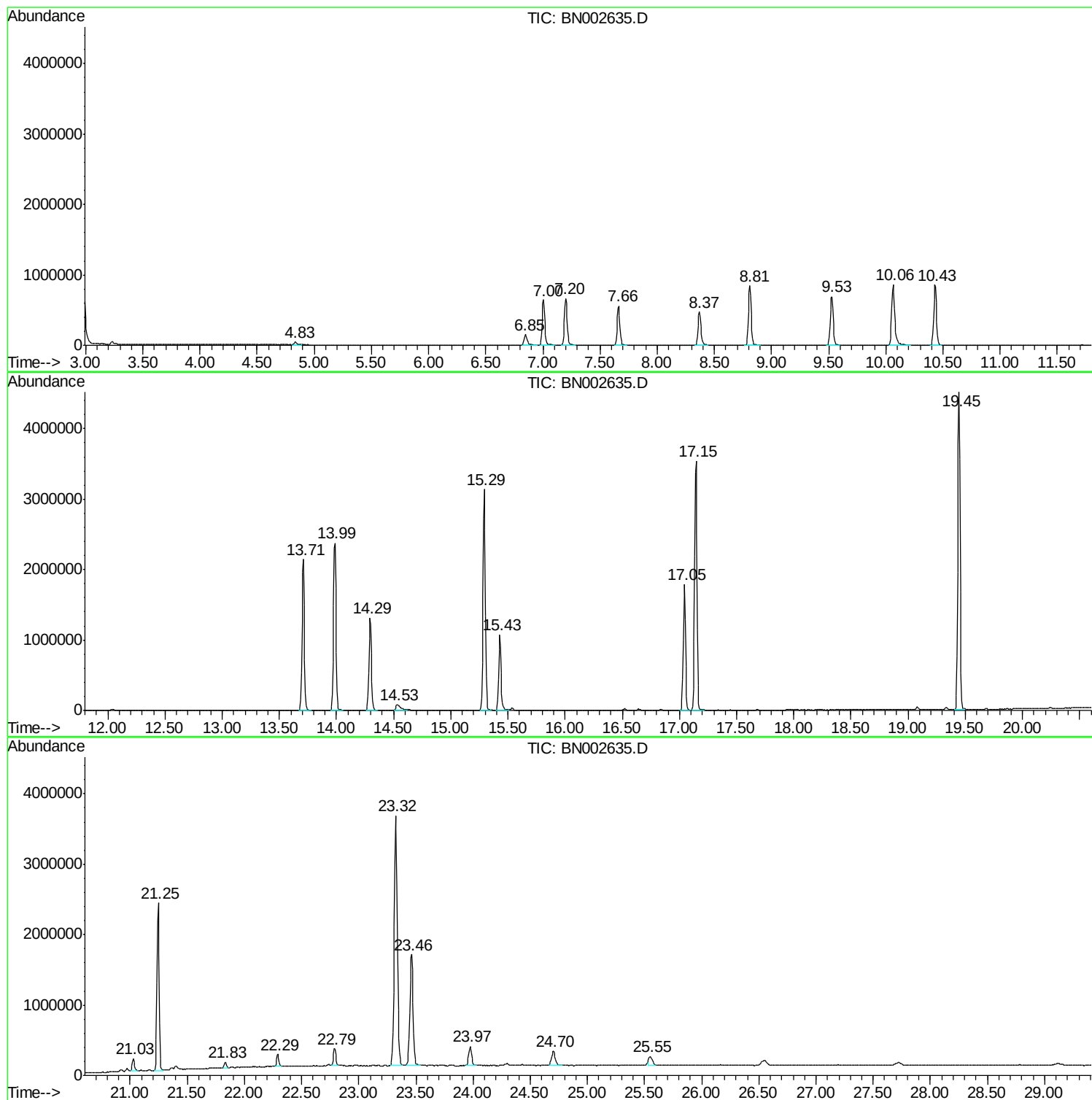
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
Quant Title : SVOA CALIBRATION

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



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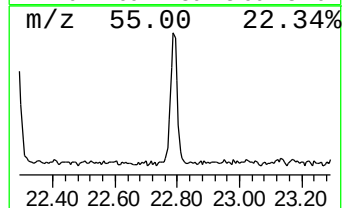
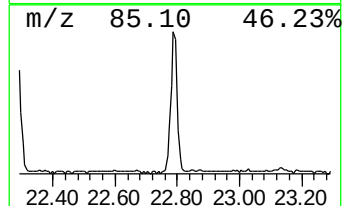
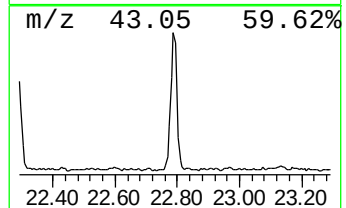
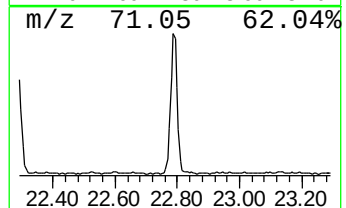
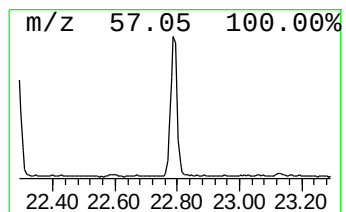
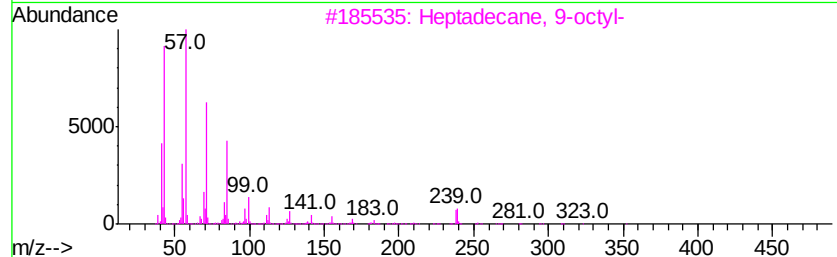
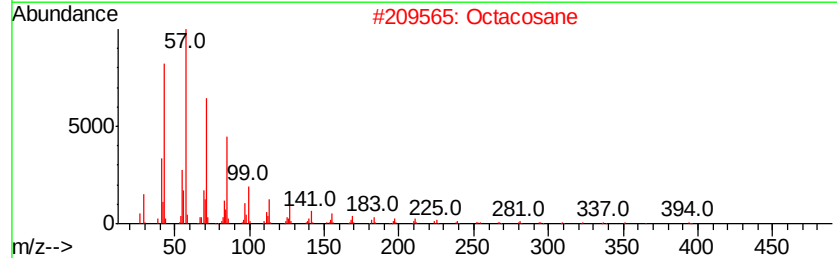
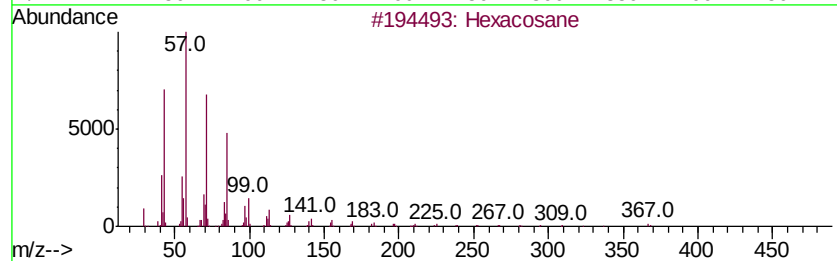
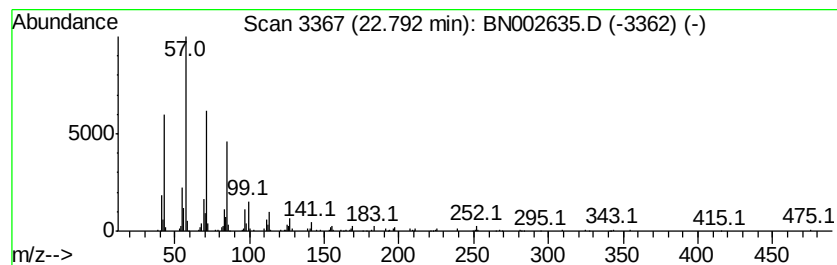
TIC Library : C:\Database\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.79 | 2.27 ng/ul | 348048 | Perylene-d12     | 23.46 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Hexacosane            | 366 | C26H54  | 000630-01-3 | 94   |
| 2    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 4    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |



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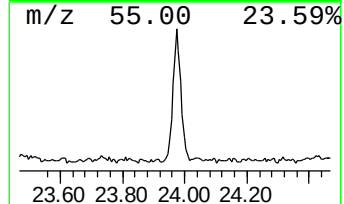
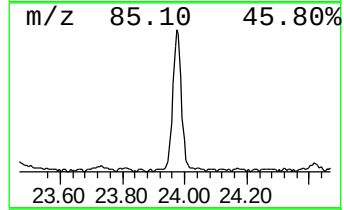
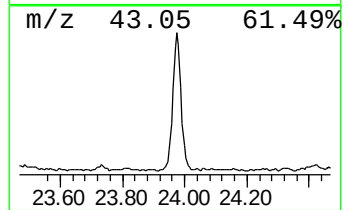
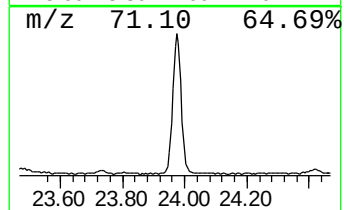
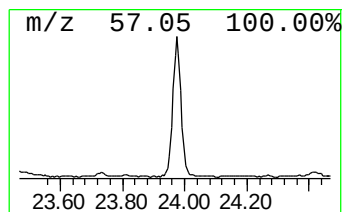
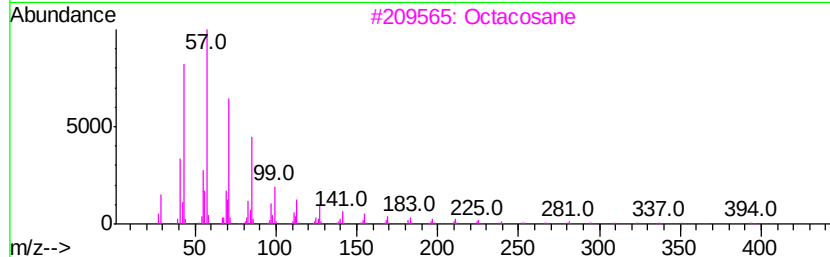
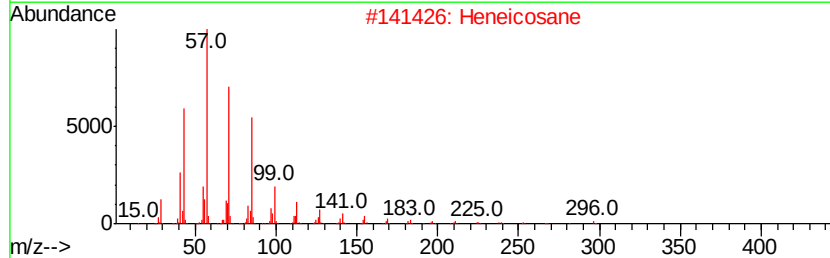
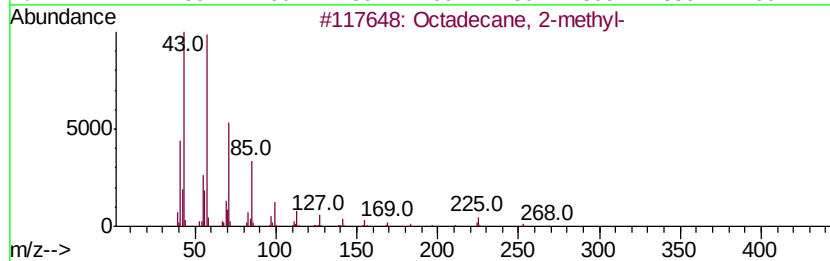
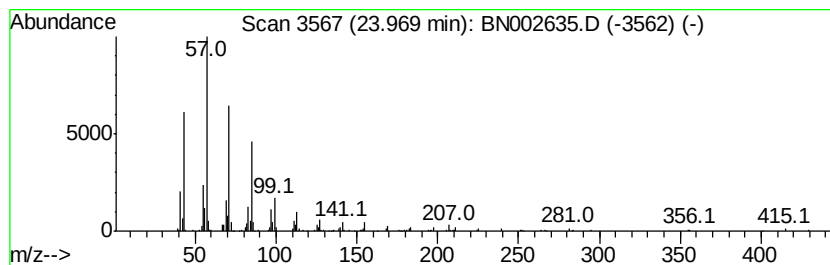
TIC Library : C:\Database\NIST11.L  
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.97 | 3.23 ng/ul | 496052 | Perylene-d12     | 23.46 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 91   |
| 2    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |
| 5    |    | Hexacosane            | 366 | C26H54  | 000630-01-3 | 90   |



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Quant Title : SVOA CALIBRATION

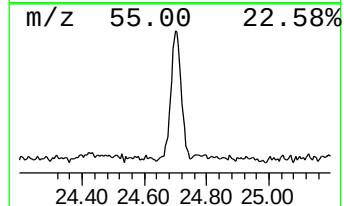
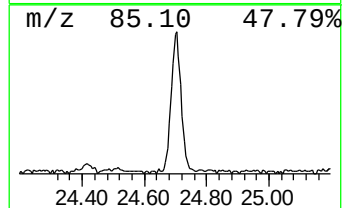
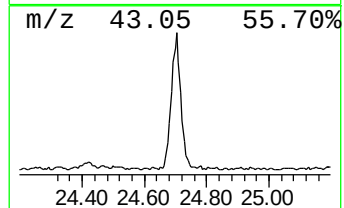
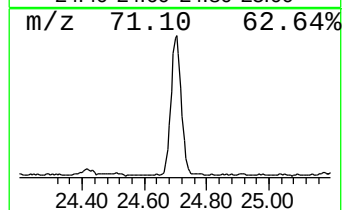
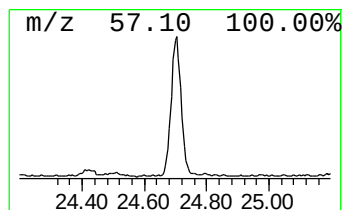
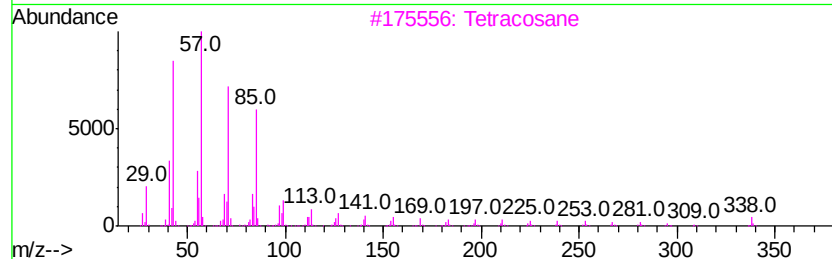
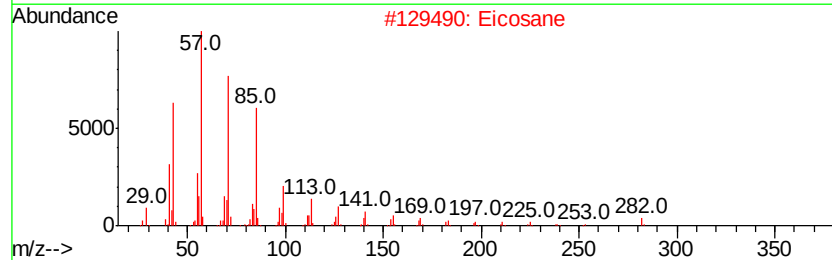
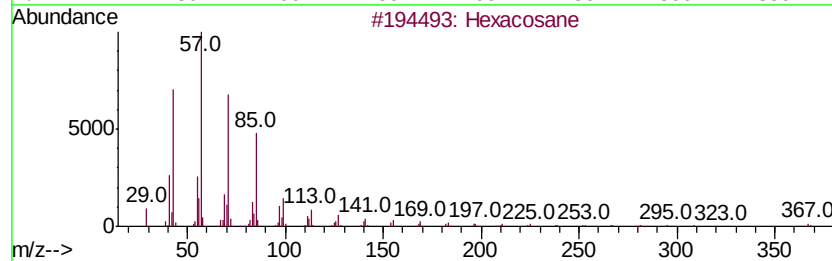
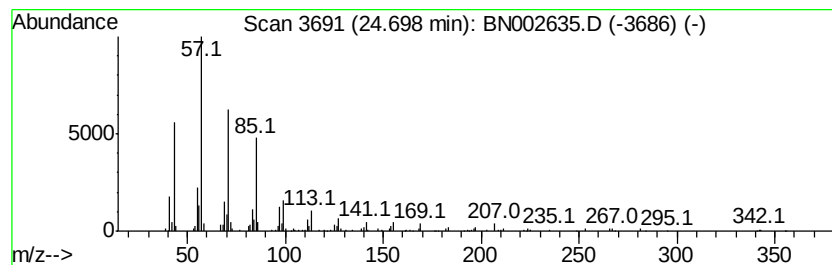
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.70 | 3.03 ng/ul | 464617 | Perylene-d12     | 23.46 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 2    |    | Eicosane              | 282 | C20H42  | 000112-95-8 | 91   |
| 3    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 90   |
| 4    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 90   |
| 5    |    | Heptacosane           | 380 | C27H56  | 000593-49-7 | 90   |



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Quant Title : SVOA CALIBRATION

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

|                      |       |         |       |          | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
| TIC Top Hit name     | RT    | EstConc | Units | Response | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 22.79 | 2.3     | ng/ul | 348048   | 6                     | 23.46 | 3071030 | 20.0 |
| (DEL) Alkane: Str... | 23.97 | 3.2     | ng/ul | 496052   | 6                     | 23.46 | 3071030 | 20.0 |
| (DEL) Alkane: Str... | 24.70 | 3.0     | ng/ul | 464617   | 6                     | 23.46 | 3071030 | 20.0 |