

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
 Data File : BM023518.D  
 Acq On : 31 Oct 2019 13:25  
 Operator : JU  
 Sample : PB124084BL  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK84

## 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-BM102319MA.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         | 3.146       | 25            | 27          | 37           | rVB      | 114439         | 172151        | 2.00%           | 0.183%        |
| 2         | 6.792       | 641           | 647         | 657          | rBV      | 1494992        | 2357970       | 27.35%          | 2.509%        |
| 3         | 6.957       | 669           | 675         | 686          | rBV      | 1105897        | 1860360       | 21.58%          | 1.979%        |
| 4         | 7.151       | 701           | 708         | 718          | rVB      | 1525922        | 2489491       | 28.88%          | 2.649%        |
| 5         | 7.610       | 780           | 786         | 794          | rBV      | 1452435        | 2241708       | 26.00%          | 2.385%        |
| 6         | 8.322       | 900           | 907         | 916          | rBV      | 1783109        | 2867220       | 33.26%          | 3.051%        |
| 7         | 8.757       | 974           | 981         | 991          | rBV      | 1413778        | 2395703       | 27.79%          | 2.549%        |
| 8         | 9.481       | 1097          | 1104        | 1116         | rBV      | 1147386        | 1895771       | 21.99%          | 2.017%        |
| 9         | 10.016      | 1188          | 1195        | 1209         | rBV      | 1739912        | 2917439       | 33.84%          | 3.104%        |
| 10        | 10.386      | 1251          | 1258        | 1267         | rBV      | 1918409        | 3206121       | 37.19%          | 3.411%        |
| 11        | 10.533      | 1274          | 1283        | 1293         | rBV      | 90519          | 177560        | 2.06%           | 0.189%        |
| 12        | 11.986      | 1523          | 1530        | 1538         | rVB2     | 25918          | 56257         | 0.65%           | 0.060%        |
| 13        | 13.557      | 1792          | 1797        | 1799         | rBV4     | 8225           | 10052         | 0.12%           | 0.011%        |
| 14        | 13.680      | 1811          | 1818        | 1833         | rBV      | 3094511        | 4467593       | 51.82%          | 4.753%        |
| 15        | 13.951      | 1857          | 1864        | 1876         | rBV      | 3602391        | 5338423       | 61.92%          | 5.680%        |
| 16        | 14.263      | 1910          | 1917        | 1927         | rBV      | 2863251        | 4331697       | 50.24%          | 4.609%        |
| 17        | 14.474      | 1947          | 1953        | 1975         | rBV      | 1048426        | 1980506       | 22.97%          | 2.107%        |
| 18        | 14.686      | 1987          | 1989        | 1994         | rVB5     | 9165           | 10098         | 0.12%           | 0.011%        |
| 19        | 15.257      | 2080          | 2086        | 2097         | rBV      | 4698406        | 6627560       | 76.88%          | 7.051%        |
| 20        | 15.386      | 2102          | 2108        | 2121         | rVV      | 1045670        | 1565657       | 18.16%          | 1.666%        |
| 21        | 15.498      | 2121          | 2127        | 2133         | rVB3     | 54761          | 89746         | 1.04%           | 0.095%        |
| 22        | 15.768      | 2170          | 2173        | 2179         | rVB4     | 13996          | 20188         | 0.23%           | 0.021%        |
| 23        | 16.039      | 2217          | 2219        | 2224         | rBV6     | 14368          | 20244         | 0.23%           | 0.022%        |
| 24        | 16.798      | 2344          | 2348        | 2354         | rVB2     | 16785          | 23788         | 0.28%           | 0.025%        |
| 25        | 17.009      | 2377          | 2384        | 2394         | rBV      | 3658844        | 5089054       | 59.03%          | 5.415%        |
| 26        | 17.104      | 2394          | 2400        | 2412         | rBV      | 4808188        | 7000366       | 81.20%          | 7.448%        |
| 27        | 17.927      | 2538          | 2540        | 2543         | rVB4     | 9949           | 9071          | 0.11%           | 0.010%        |
| 28        | 18.356      | 2610          | 2613        | 2616         | rVB4     | 18561          | 20366         | 0.24%           | 0.022%        |
| 29        | 19.045      | 2726          | 2730        | 2736         | rVB2     | 48127          | 64619         | 0.75%           | 0.069%        |
| 30        | 19.292      | 2769          | 2772        | 2776         | rVB      | 39602          | 48842         | 0.57%           | 0.052%        |
| 31        | 19.409      | 2786          | 2792        | 2802         | rBV      | 6024830        | 8213928       | 95.28%          | 8.739%        |
| 32        | 21.203      | 3092          | 3097        | 3104         | rBV      | 4762179        | 5883519       | 68.24%          | 6.260%        |
| 33        | 22.274      | 3276          | 3279        | 3285         | rVB      | 377760         | 459732        | 5.33%           | 0.489%        |
| 34        | 22.774      | 3360          | 3364        | 3369         | rVB      | 558841         | 819078        | 9.50%           | 0.871%        |

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Sample : PB124084BL  
Misc :  
ALS Vial : 84 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK84

## 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-BM102319MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |         |         |         |        |
|----|--------|------|------|------|-----|---------|---------|---------|--------|
| 35 | 23.256 | 3440 | 3446 | 3453 | rBV | 4794784 | 8621187 | 100.00% | 9.173% |
| 36 | 23.327 | 3454 | 3458 | 3463 | rVV | 817016  | 1310344 | 15.20%  | 1.394% |
| 37 | 23.397 | 3464 | 3470 | 3479 | rVB | 3378658 | 6309578 | 73.19%  | 6.713% |
| 38 | 23.962 | 3562 | 3566 | 3576 | rVB | 797190  | 1468889 | 17.04%  | 1.563% |
| 39 | 24.691 | 3686 | 3690 | 3699 | rVB | 759818  | 1546864 | 17.94%  | 1.646% |

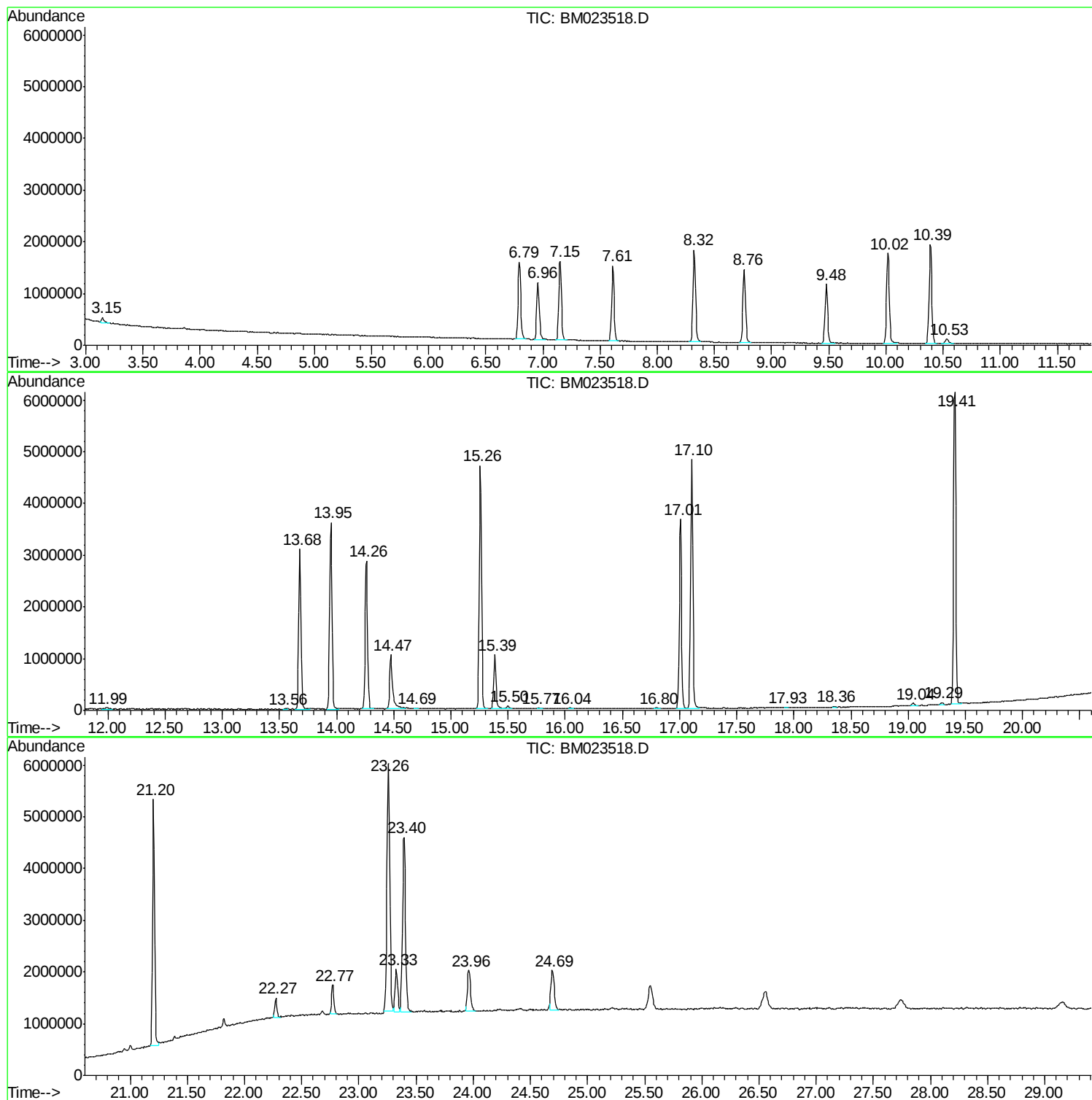
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

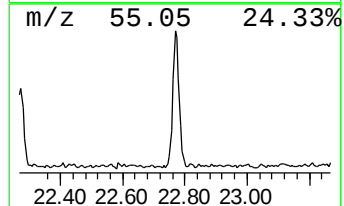
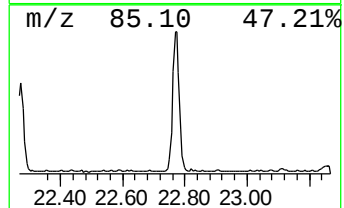
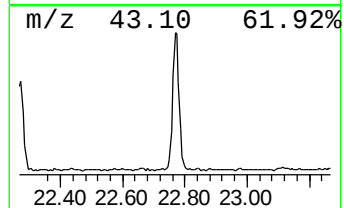
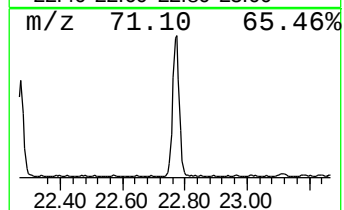
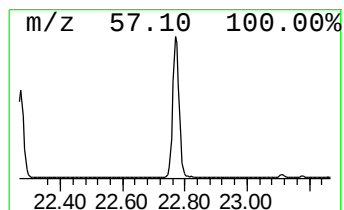
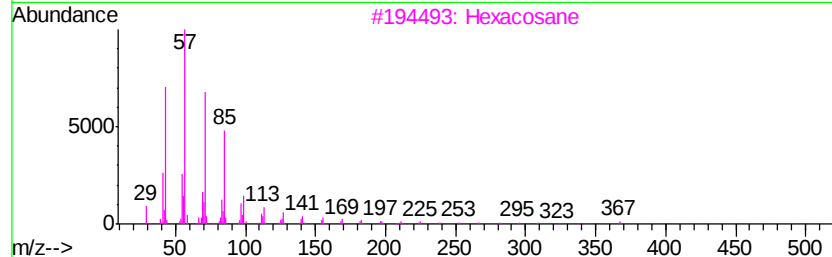
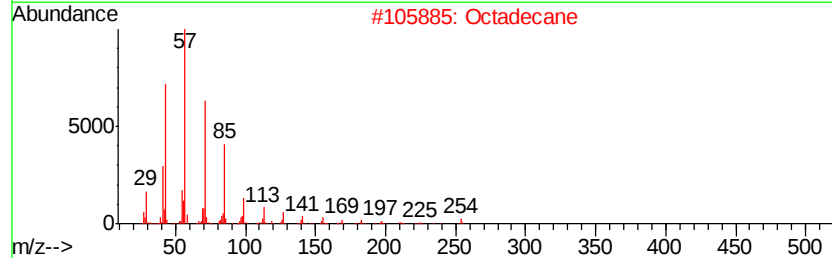
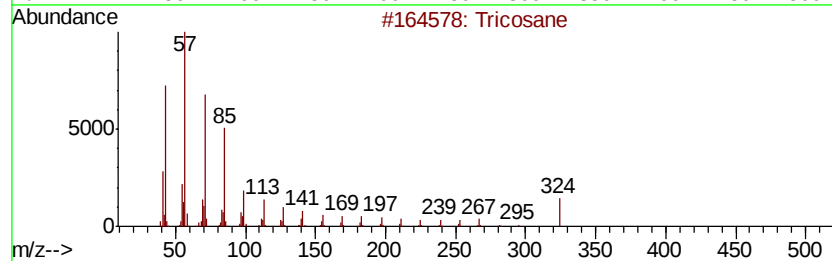
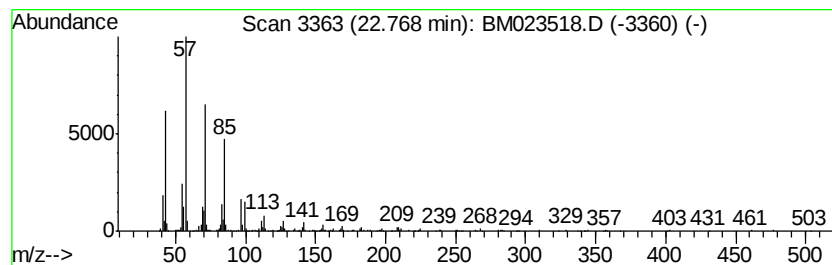
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.77 | 2.60 ng/ul | 819078 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Tricosane          | 324 | C23H48  | 000638-67-5  | 95   |
| 2    |    | Octadecane         | 254 | C18H38  | 000593-45-3  | 91   |
| 3    |    | Hexacosane         | 366 | C26H54  | 000630-01-3  | 90   |
| 4    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 90   |
| 5    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 90   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

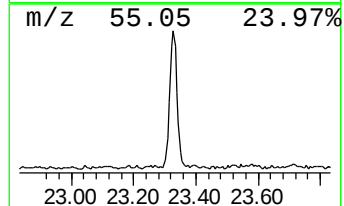
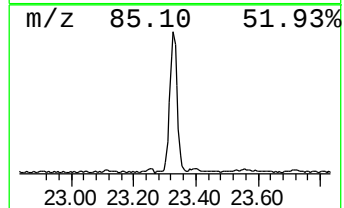
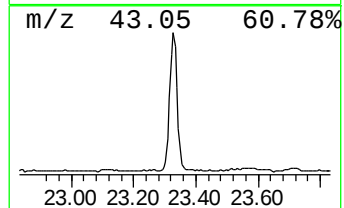
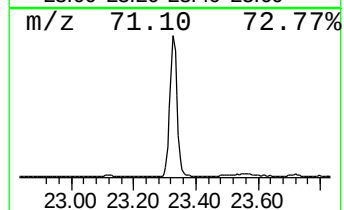
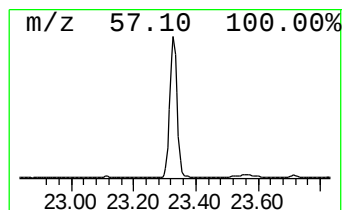
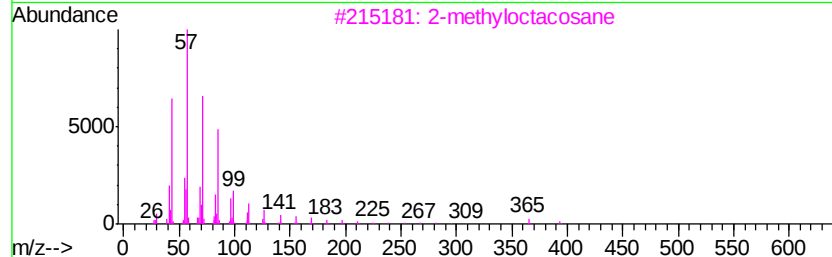
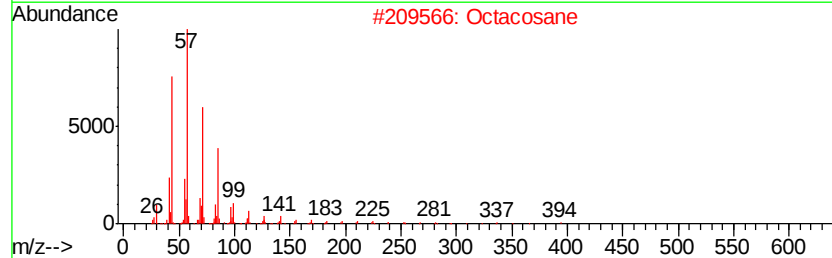
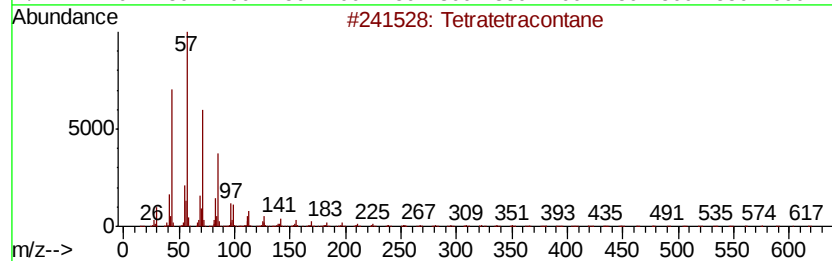
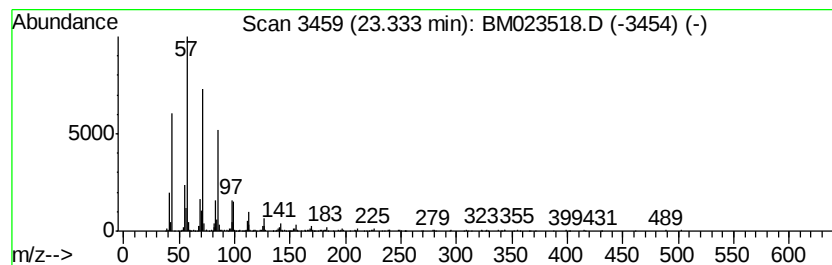
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 23.33 | 4.15 ng/ul | 1310340 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#         | Qual |
|------|----|---------------------|-----|---------|--------------|------|
| 1    | 5  | Tetratetracontane   | 619 | C44H90  | 007098-22-8  | 91   |
| 2    |    | Octacosane          | 394 | C28H58  | 000630-02-4  | 91   |
| 3    |    | 2-methyloctacosane  | 408 | C29H60  | 1000376-72-8 | 91   |
| 4    |    | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8  | 91   |
| 5    |    | Heneicosane         | 296 | C21H44  | 000629-94-7  | 90   |



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Misc :  
ALS Vial : 84 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK84

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

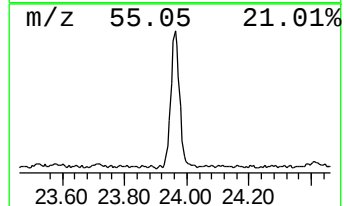
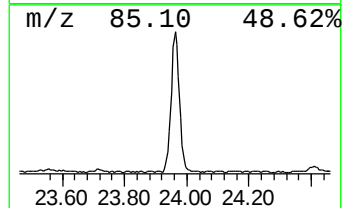
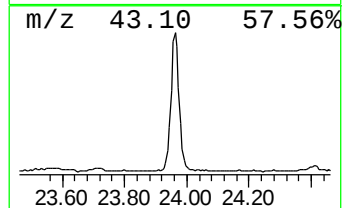
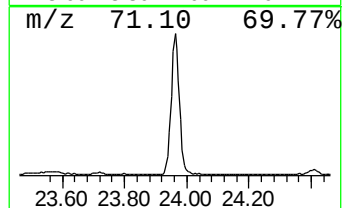
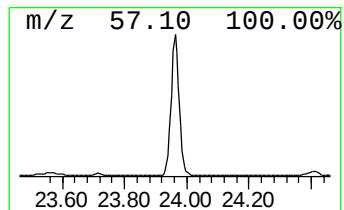
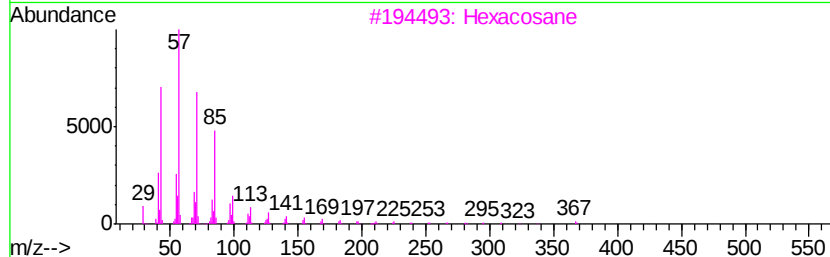
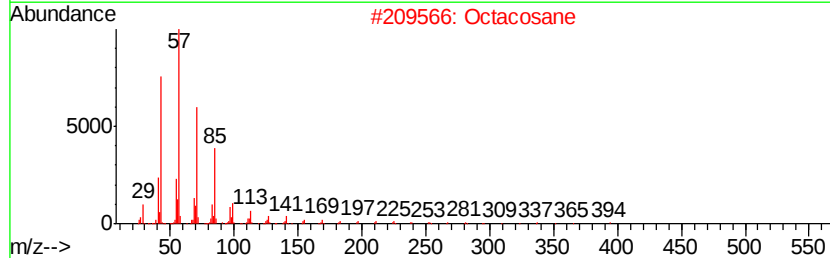
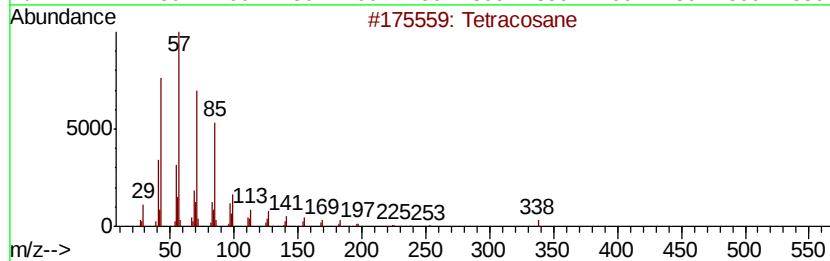
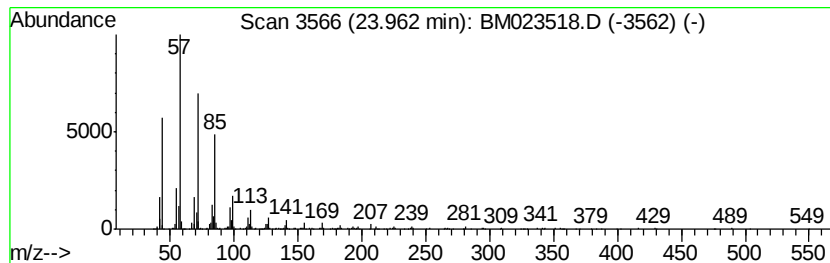
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 23.96 | 4.66 ng/ul | 1468890 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Tetracosane  | 338 | C24H50  | 000646-31-1 | 90   |
| 2    |    | Octacosane   | 394 | C28H58  | 000630-02-4 | 90   |
| 3    |    | Hexacosane   | 366 | C26H54  | 000630-01-3 | 90   |
| 4    |    | triacontane  | 422 | C30H62  | 000638-68-6 | 90   |
| 5    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

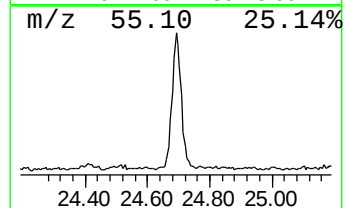
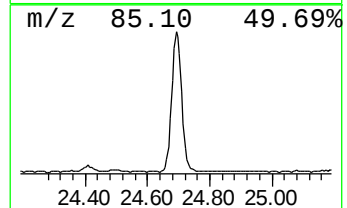
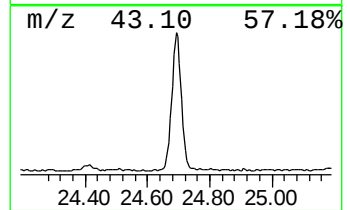
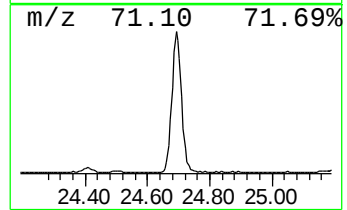
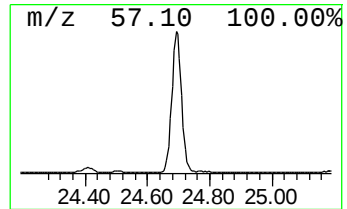
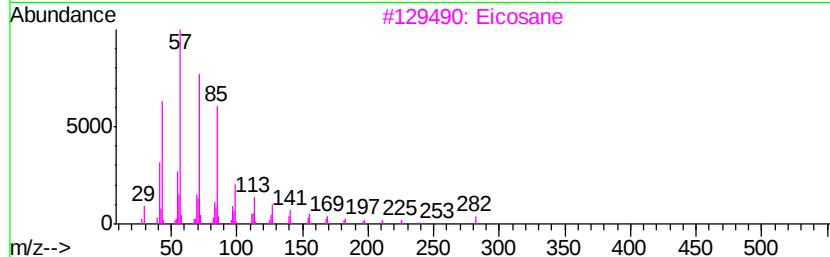
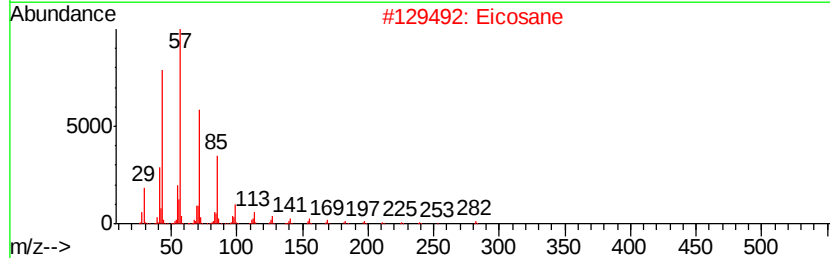
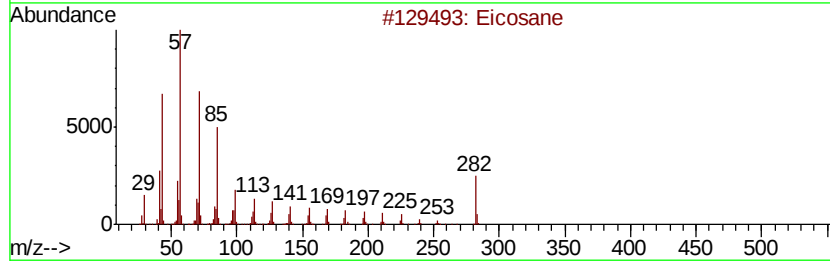
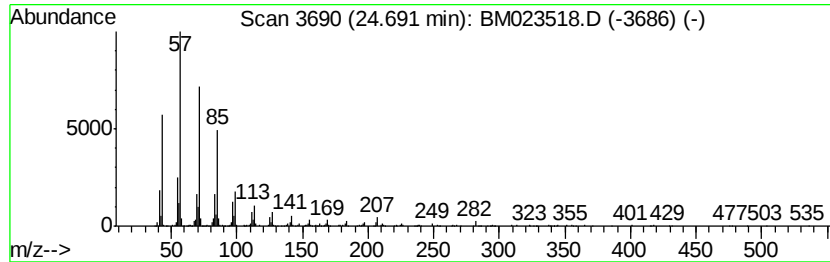
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 24.69 | 4.90 ng/ul | 1546860 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Eicosane           | 282 | C20H42  | 000112-95-8  | 93   |
| 2    |    | Eicosane           | 282 | C20H42  | 000112-95-8  | 93   |
| 3    |    | Eicosane           | 282 | C20H42  | 000112-95-8  | 93   |
| 4    |    | Octadecane         | 254 | C18H38  | 000593-45-3  | 91   |
| 5    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 90   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
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... | 22.77 | 2.6     | ng/ul | 819078   | 6                     | 23.40 | 6309580 | 20.0 |
| (DEL) Alkane: Str... | 23.33 | 4.2     | ng/ul | 1310340  | 6                     | 23.40 | 6309580 | 20.0 |
| (DEL) Alkane: Str... | 23.96 | 4.7     | ng/ul | 1468890  | 6                     | 23.40 | 6309580 | 20.0 |
| (DEL) Alkane: Str... | 24.69 | 4.9     | ng/ul | 1546860  | 6                     | 23.40 | 6309580 | 20.0 |