

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\  
 Data File : BN013372.D  
 Acq On : 08 Jan 2021 17:38  
 Operator : CG/JU  
 Sample : PB133954BL  
 Misc : PBBL-MESOIL-03  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK954

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\SFAM-EPA-BN010521.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         | 3.199       | 16            | 19          | 27           | rVB      | 123284         | 148775        | 1.64%           | 0.155%        |
| 2         | 3.587       | 82            | 85          | 98           | rBV      | 1438542        | 2108885       | 23.28%          | 2.196%        |
| 3         | 3.905       | 135           | 139         | 142          | rVB      | 20291          | 22417         | 0.25%           | 0.023%        |
| 4         | 6.775       | 621           | 627         | 638          | rBV      | 1672858        | 2539792       | 28.04%          | 2.645%        |
| 5         | 6.946       | 650           | 656         | 668          | rBV      | 1351304        | 2045922       | 22.59%          | 2.130%        |
| 6         | 7.134       | 682           | 688         | 699          | rBV      | 1768430        | 2755835       | 30.42%          | 2.870%        |
| 7         | 7.599       | 760           | 767         | 774          | rVB      | 1275601        | 1972000       | 21.77%          | 2.053%        |
| 8         | 8.299       | 879           | 886         | 899          | rVB      | 2007956        | 3068927       | 33.88%          | 3.196%        |
| 9         | 8.740       | 953           | 961         | 970          | rBV      | 1553810        | 2406071       | 26.56%          | 2.505%        |
| 10        | 9.452       | 1071          | 1082        | 1092         | rBV      | 1181367        | 1884619       | 20.81%          | 1.962%        |
| 11        | 9.987       | 1165          | 1173        | 1183         | rBV      | 1972787        | 3205450       | 35.39%          | 3.338%        |
| 12        | 10.363      | 1229          | 1237        | 1244         | rBV      | 1676247        | 2797118       | 30.88%          | 2.913%        |
| 13        | 10.499      | 1252          | 1260        | 1269         | rBV      | 2080715        | 3356985       | 37.06%          | 3.495%        |
| 14        | 11.957      | 1500          | 1508        | 1515         | rBV2     | 33570          | 55435         | 0.61%           | 0.058%        |
| 15        | 13.645      | 1788          | 1795        | 1803         | rBV      | 3463596        | 4678391       | 51.65%          | 4.871%        |
| 16        | 13.916      | 1834          | 1841        | 1852         | rBV      | 4077173        | 5839386       | 64.47%          | 6.080%        |
| 17        | 14.228      | 1885          | 1894        | 1902         | rBV      | 2571410        | 3666385       | 40.48%          | 3.818%        |
| 18        | 14.422      | 1920          | 1927        | 1940         | rBV      | 1489826        | 2048934       | 22.62%          | 2.133%        |
| 19        | 14.651      | 1962          | 1966        | 1971         | rVB8     | 9208           | 14596         | 0.16%           | 0.015%        |
| 20        | 15.222      | 2056          | 2063        | 2070         | rBV      | 5125833        | 7161718       | 79.06%          | 7.457%        |
| 21        | 15.339      | 2076          | 2083        | 2093         | rBV      | 1197336        | 1634710       | 18.05%          | 1.702%        |
| 22        | 15.463      | 2100          | 2104        | 2109         | rBV      | 59112          | 79274         | 0.88%           | 0.083%        |
| 23        | 16.010      | 2193          | 2197        | 2201         | rBV3     | 17570          | 23713         | 0.26%           | 0.025%        |
| 24        | 16.657      | 2303          | 2307        | 2311         | rBV6     | 9327           | 12596         | 0.14%           | 0.013%        |
| 25        | 16.757      | 2321          | 2324        | 2329         | rBV5     | 14413          | 18787         | 0.21%           | 0.020%        |
| 26        | 16.969      | 2354          | 2360        | 2367         | rBV      | 2914457        | 4132262       | 45.62%          | 4.303%        |
| 27        | 17.069      | 2371          | 2377        | 2391         | rVV      | 5530614        | 7619882       | 84.12%          | 7.934%        |
| 28        | 19.004      | 2702          | 2706        | 2711         | rBV      | 52639          | 77365         | 0.85%           | 0.081%        |
| 29        | 19.257      | 2745          | 2749        | 2754         | rBV      | 49515          | 65614         | 0.72%           | 0.068%        |
| 30        | 19.369      | 2762          | 2768        | 2775         | rBV      | 6249244        | 8856991       | 97.78%          | 9.222%        |
| 31        | 21.169      | 3069          | 3074        | 3081         | rBV      | 3788503        | 4735150       | 52.28%          | 4.931%        |
| 32        | 22.745      | 3339          | 3342        | 3348         | rVB2     | 352389         | 453503        | 5.01%           | 0.472%        |
| 33        | 23.216      | 3415          | 3422        | 3430         | rBV      | 5363658        | 9058134       | 100.00%         | 9.432%        |
| 34        | 23.298      | 3432          | 3436        | 3439         | rVV      | 541839         | 788325        | 8.70%           | 0.821%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\  
Data File : BN013372.D  
Acq On : 08 Jan 2021 17:38  
Operator : CG/JU  
Sample : PB133954BL  
Misc : PBBL-MESOIL-03  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK954

## 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\SFAM-EPA-BN010521.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 23.351 | 3439 | 3445 | 3452 | rVB2 | 2634930 | 4687601 | 51.75% | 4.881% |
| 36 | 23.927 | 3538 | 3543 | 3551 | rVB2 | 531899  | 991788  | 10.95% | 1.033% |
| 37 | 24.657 | 3662 | 3667 | 3674 | rVB2 | 505461  | 1024177 | 11.31% | 1.066% |

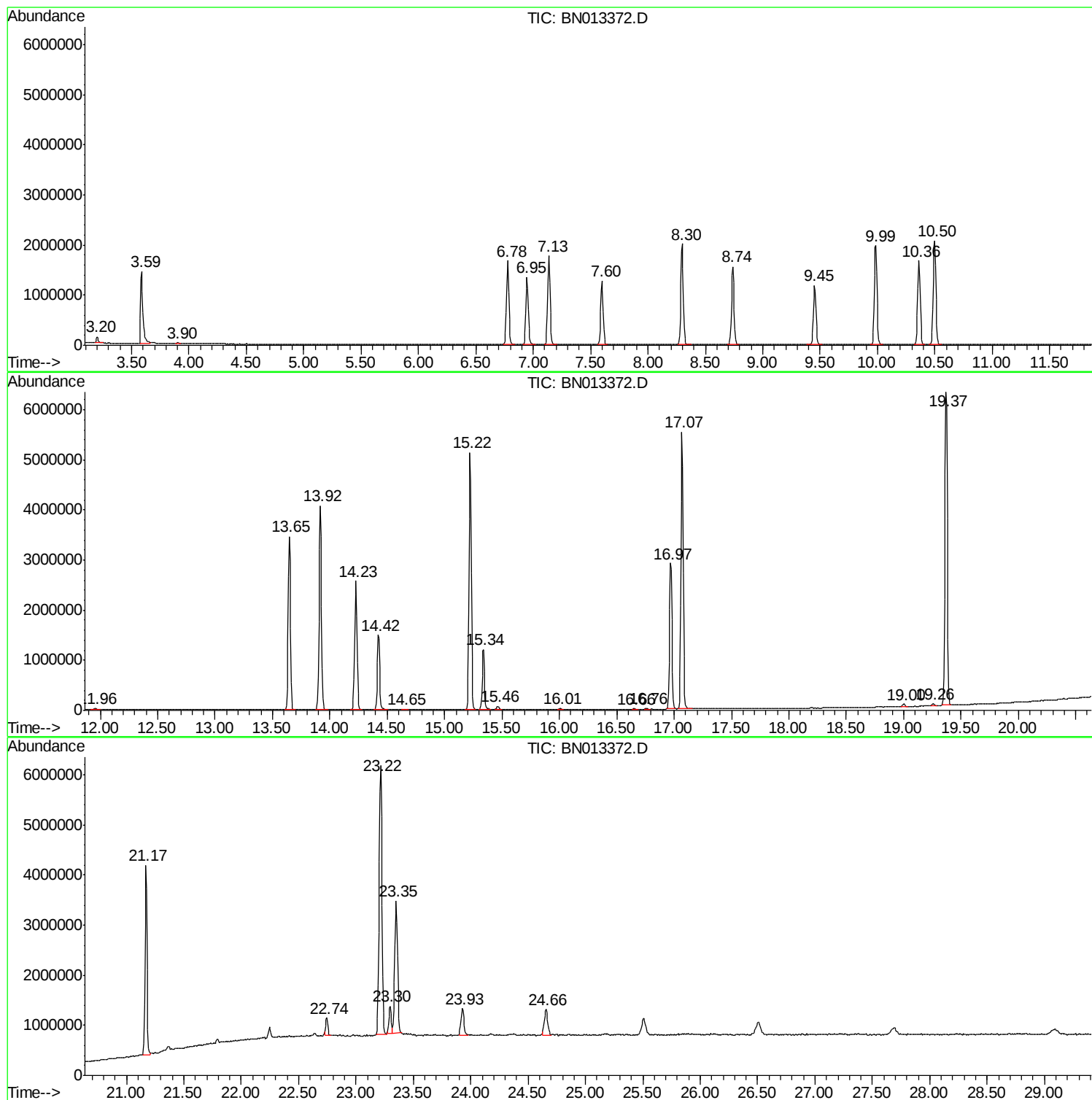
Sum of corrected areas: 96037513

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\  
Data File : BN013372.D  
Acq On : 08 Jan 2021 17:38  
Operator : CG/JU  
Sample : PB133954BL  
Misc : PBBL-MESOIL-03  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK954

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN010521.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\  
Data File : BN013372.D  
Acq On : 08 Jan 2021 17:38  
Operator : CG/JU  
Sample : PB133954BL  
Misc : PBBL-MESOIL-03  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK954

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN010521.M  
Quant Title : SVOA CALIBRATION

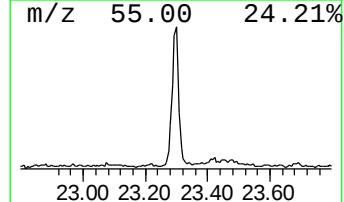
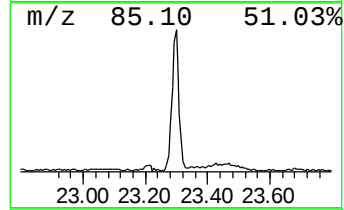
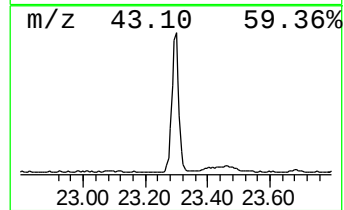
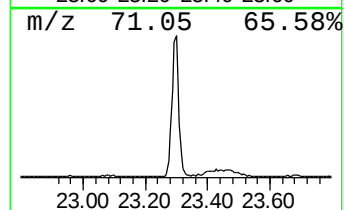
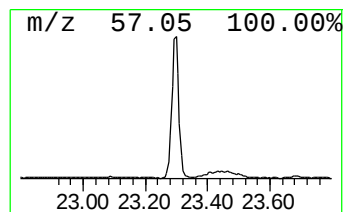
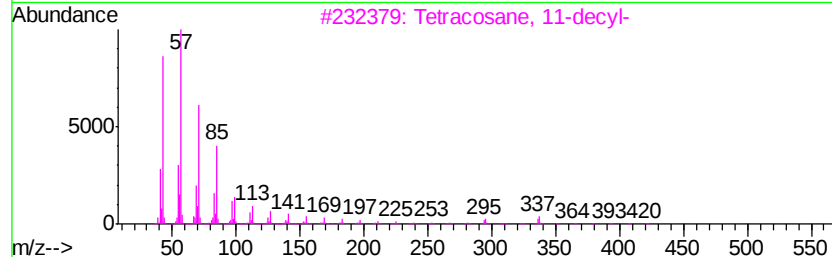
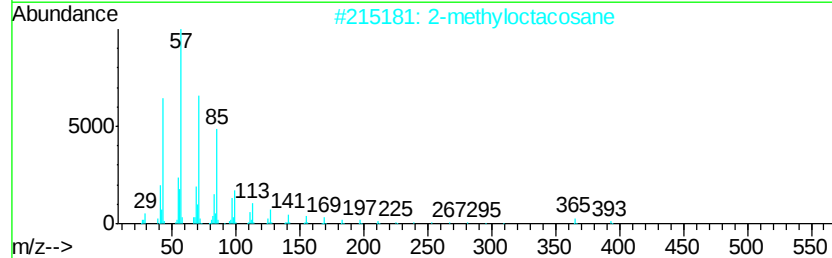
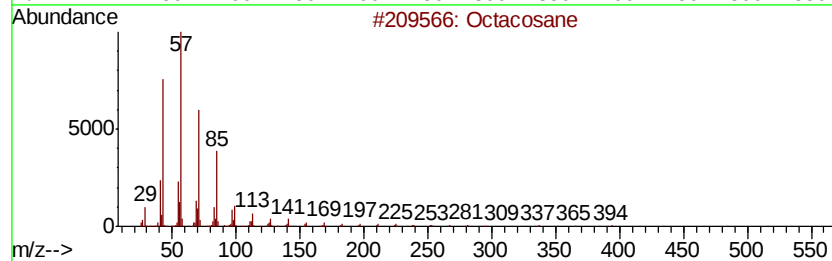
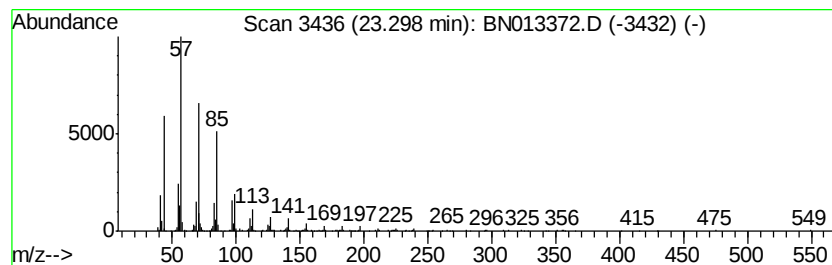
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.30 | 3.36 ng/ul | 788325 | Perylene-d12     | 23.35 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|------------------------|-----|---------|--------------|------|
| 1    | 5  | Octacosane             | 394 | C28H58  | 000630-02-4  | 91   |
| 2    |    | 2-methyloctacosane     | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    | Tetracosane, 11-decyl- | 479 | C34H70  | 055429-84-0  | 91   |
| 4    |    | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4  | 91   |
| 5    |    | Tetracosane            | 338 | C24H50  | 000646-31-1  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\  
Data File : BN013372.D  
Acq On : 08 Jan 2021 17:38  
Operator : CG/JU  
Sample : PB133954BL  
Misc : PBBL-MESOIL-03  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK954

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN010521.M  
Quant Title : SVOA CALIBRATION

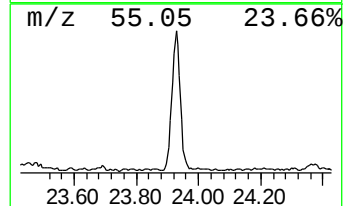
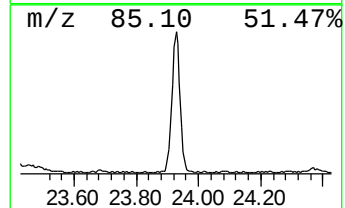
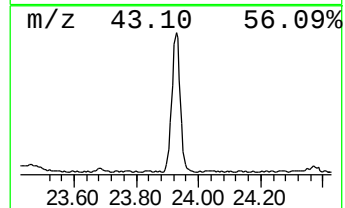
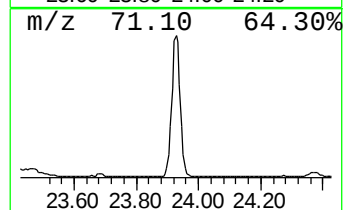
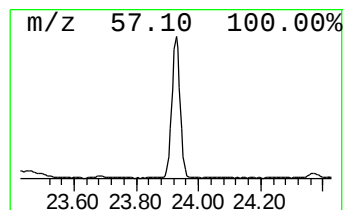
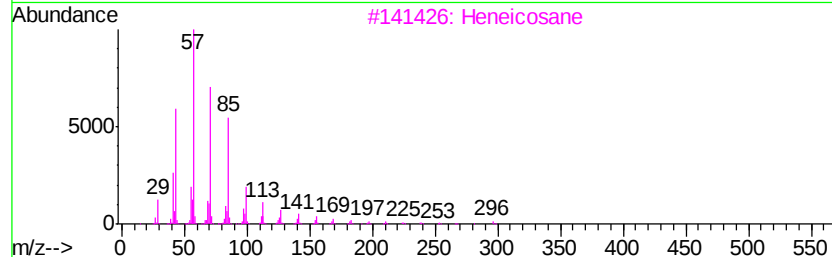
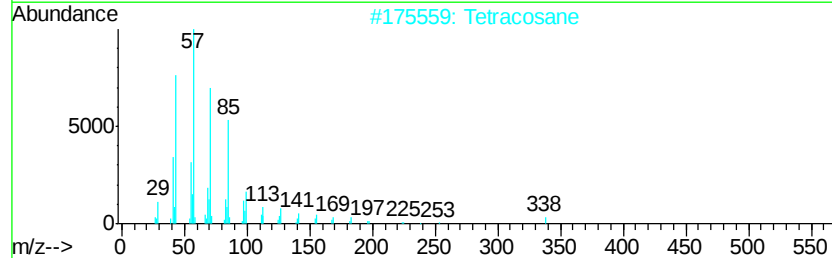
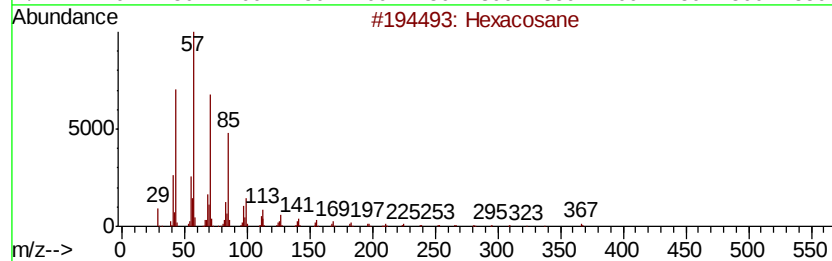
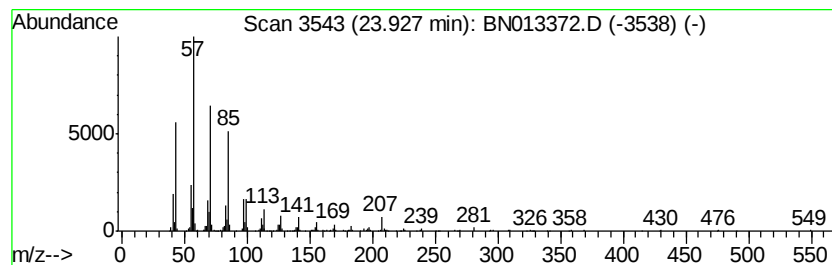
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.93 | 4.23 ng/ul | 991788 | Perylene-d12     | 23.35 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane   | 366 | C26H54  | 000630-01-3 | 93   |
| 2    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 90   |
| 3    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    |   | Octacosane   | 394 | C28H58  | 000630-02-4 | 90   |
| 5    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010821\  
Data File : BN013372.D  
Acq On : 08 Jan 2021 17:38  
Operator : CG/JU  
Sample : PB133954BL  
Misc : PBBL-MESOIL-03  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK954

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN010521.M  
Quant Title : SVOA CALIBRATION

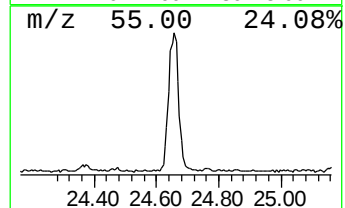
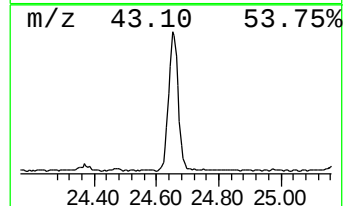
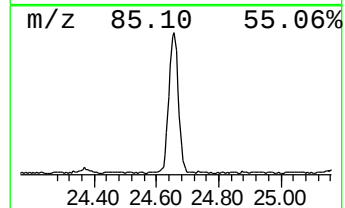
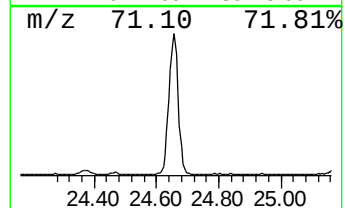
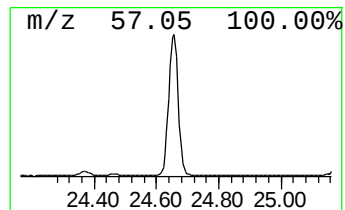
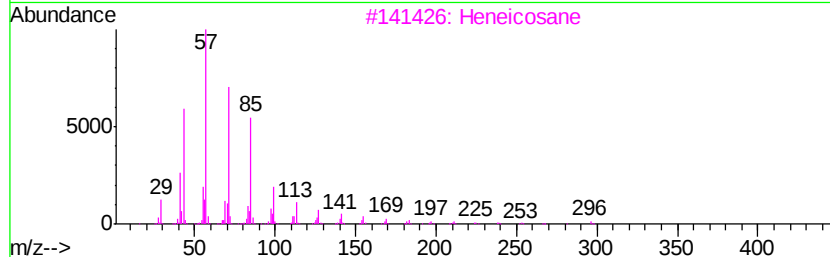
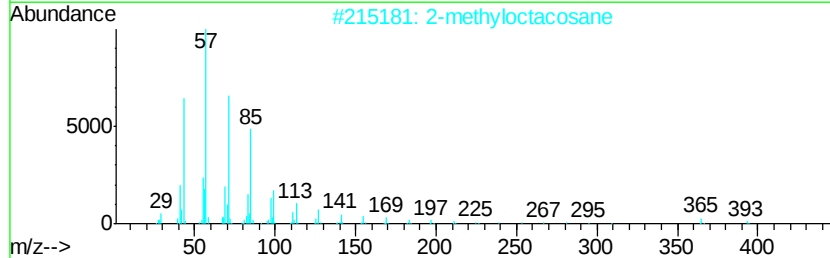
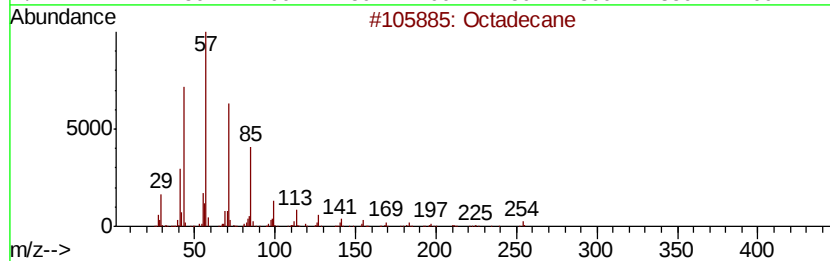
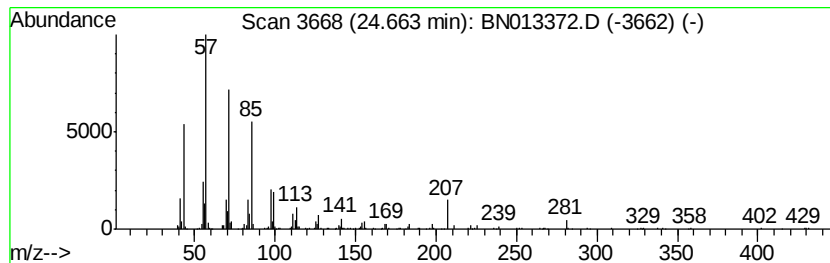
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 24.66 | 4.37 ng/ul | 1024180 | Perylene-d12     | 23.35 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------|-----|---------|--------------|------|
| 1    |    |   | Octadecane          | 254 | C18H38  | 000593-45-3  | 90   |
| 2    |    |   | 2-methyloctacosane  | 408 | C29H60  | 1000376-72-8 | 87   |
| 3    |    |   | Heneicosane         | 296 | C21H44  | 000629-94-7  | 83   |
| 4    |    |   | Tetratetracontane   | 619 | C44H90  | 007098-22-8  | 81   |
| 5    |    |   | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4  | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN010821\  
Data File : BN013372.D  
Acq On : 08 Jan 2021 17:38  
Operator : CG/JU  
Sample : PB133954BL  
Misc : PBBL-MESOIL-03  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK954

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN010521.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... | 23.30 | 3.4     | ng/ul | 788325   | 6                     | 23.35 | 4687600 | 20.0 |  |
| (DEL) Alkane: Str... | 23.93 | 4.2     | ng/ul | 991788   | 6                     | 23.35 | 4687600 | 20.0 |  |
| (DEL) Alkane: Str... | 24.66 | 4.4     | ng/ul | 1024180  | 6                     | 23.35 | 4687600 | 20.0 |  |