

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101723\  
 Data File : BM042318.D  
 Acq On : 17 Oct 2023 11:43  
 Operator : MA/JU  
 Sample : 04900-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AW2

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\SFAM-EPA-BM101223.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM042318.D\data.ms

| 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         | 3.369       | 26            | 31          | 40           | rVB      | 45220          | 69262         | 1.33%           | 0.139%        |
| 2         | 3.804       | 101           | 105         | 120          | rBV      | 168984         | 279692        | 5.35%           | 0.563%        |
| 3         | 3.998       | 133           | 138         | 144          | rVB      | 35758          | 50510         | 0.97%           | 0.102%        |
| 4         | 4.116       | 154           | 158         | 163          | rVB      | 10521          | 13921         | 0.27%           | 0.028%        |
| 5         | 4.334       | 191           | 195         | 200          | rBV2     | 11703          | 16752         | 0.32%           | 0.034%        |
| 6         | 4.498       | 221           | 223         | 231          | rVB4     | 8386           | 10979         | 0.21%           | 0.022%        |
| 7         | 4.751       | 262           | 266         | 270          | rVB3     | 7211           | 8318          | 0.16%           | 0.017%        |
| 8         | 5.051       | 313           | 317         | 323          | rVB      | 12168          | 17896         | 0.34%           | 0.036%        |
| 9         | 5.634       | 412           | 416         | 422          | rVB5     | 4762           | 6859          | 0.13%           | 0.014%        |
| 10        | 6.969       | 641           | 643         | 649          | rVB3     | 4214           | 6638          | 0.13%           | 0.013%        |
| 11        | 7.151       | 667           | 674         | 683          | rBV      | 194058         | 305025        | 5.84%           | 0.613%        |
| 12        | 7.345       | 700           | 707         | 720          | rBV      | 859339         | 1303860       | 24.95%          | 2.622%        |
| 13        | 7.528       | 731           | 738         | 748          | rBV      | 747725         | 1142154       | 21.86%          | 2.297%        |
| 14        | 8.004       | 813           | 819         | 828          | rVB      | 552826         | 887652        | 16.99%          | 1.785%        |
| 15        | 8.710       | 933           | 939         | 948          | rBV      | 565281         | 868448        | 16.62%          | 1.747%        |
| 16        | 9.204       | 1014          | 1023        | 1033         | rBV      | 977727         | 1570123       | 30.05%          | 3.158%        |
| 17        | 9.410       | 1052          | 1058        | 1064         | rVB      | 27995          | 43113         | 0.83%           | 0.087%        |
| 18        | 9.916       | 1137          | 1144        | 1157         | rVB      | 769087         | 1219982       | 23.35%          | 2.454%        |
| 19        | 10.033      | 1157          | 1164        | 1172         | rBV3     | 8922           | 21423         | 0.41%           | 0.043%        |
| 20        | 10.280      | 1200          | 1206        | 1209         | rBV6     | 4281           | 7894          | 0.15%           | 0.016%        |
| 21        | 10.439      | 1226          | 1233        | 1246         | rBV      | 1010321        | 1637235       | 31.33%          | 3.293%        |
| 22        | 10.827      | 1291          | 1299        | 1307         | rBV      | 815793         | 1356063       | 25.95%          | 2.727%        |
| 23        | 10.992      | 1319          | 1327        | 1341         | rBV      | 882403         | 1523819       | 29.16%          | 3.065%        |
| 24        | 11.904      | 1475          | 1482        | 1491         | rVB2     | 31536          | 49640         | 0.95%           | 0.100%        |
| 25        | 12.416      | 1563          | 1569        | 1574         | rVB      | 16421          | 26664         | 0.51%           | 0.054%        |
| 26        | 12.974      | 1658          | 1664        | 1667         | rVB5     | 3509           | 5393          | 0.10%           | 0.011%        |
| 27        | 13.233      | 1704          | 1708        | 1711         | rVB4     | 4457           | 5921          | 0.11%           | 0.012%        |
| 28        | 13.498      | 1747          | 1753        | 1758         | rBV      | 15193          | 22062         | 0.42%           | 0.044%        |
| 29        | 13.892      | 1815          | 1820        | 1825         | rVB      | 7398           | 11086         | 0.21%           | 0.022%        |
| 30        | 14.068      | 1843          | 1850        | 1861         | rBV      | 2108354        | 2836761       | 54.29%          | 5.705%        |
| 31        | 14.357      | 1892          | 1899        | 1910         | rBV      | 2187134        | 3242028       | 62.04%          | 6.520%        |
| 32        | 14.651      | 1942          | 1949        | 1959         | rVB      | 1218104        | 1790445       | 34.27%          | 3.601%        |
| 33        | 14.862      | 1977          | 1985        | 2000         | rBV      | 152587         | 262644        | 5.03%           | 0.528%        |
| 34        | 15.392      | 2069          | 2075        | 2077         | rBV6     | 3629           | 6066          | 0.12%           | 0.012%        |
| 35        | 15.445      | 2077          | 2084        | 2090         | rVB8     | 5821           | 15219         | 0.29%           | 0.031%        |
| 36        | 15.645      | 2111          | 2118        | 2126         | rBV      | 2947105        | 4081536       | 78.11%          | 8.209%        |

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 Sample : 04900-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AW2

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\SFAM-EPA-BM101223.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.768 | 2133 | 2139 | 2148 | rBV  | 1094308 | 1357810 | 25.99%  | 2.731%  |
| 38 | 15.880 | 2153 | 2158 | 2162 | rVB4 | 12847   | 17683   | 0.34%   | 0.036%  |
| 39 | 16.962 | 2338 | 2342 | 2347 | rBV3 | 15796   | 19771   | 0.38%   | 0.040%  |
| 40 | 17.404 | 2411 | 2417 | 2427 | rBV  | 1520225 | 2098118 | 40.15%  | 4.220%  |
| 41 | 17.504 | 2427 | 2434 | 2447 | rBV  | 3316137 | 4427001 | 84.72%  | 8.904%  |
| 42 | 18.245 | 2556 | 2560 | 2572 | rBV3 | 50131   | 75065   | 1.44%   | 0.151%  |
| 43 | 18.345 | 2573 | 2577 | 2581 | rVB  | 7404    | 10830   | 0.21%   | 0.022%  |
| 44 | 18.527 | 2605 | 2608 | 2610 | rBV3 | 4796    | 5802    | 0.11%   | 0.012%  |
| 45 | 18.674 | 2630 | 2633 | 2635 | rBV4 | 4625    | 5350    | 0.10%   | 0.011%  |
| 46 | 19.356 | 2745 | 2749 | 2754 | rBV2 | 32212   | 48697   | 0.93%   | 0.098%  |
| 47 | 19.427 | 2757 | 2761 | 2766 | rVB  | 78132   | 93956   | 1.80%   | 0.189%  |
| 48 | 19.521 | 2774 | 2777 | 2786 | rVB4 | 32864   | 42755   | 0.82%   | 0.086%  |
| 49 | 19.668 | 2797 | 2802 | 2807 | rBV  | 173937  | 183028  | 3.50%   | 0.368%  |
| 50 | 19.733 | 2811 | 2813 | 2817 | rVB4 | 8157    | 7870    | 0.15%   | 0.016%  |
| 51 | 19.797 | 2818 | 2824 | 2832 | rVV  | 4078822 | 5225286 | 100.00% | 10.509% |
| 52 | 20.509 | 2942 | 2945 | 2949 | rVB2 | 24970   | 27851   | 0.53%   | 0.056%  |
| 53 | 20.715 | 2976 | 2980 | 2984 | rBV  | 121119  | 134006  | 2.56%   | 0.270%  |
| 54 | 20.768 | 2986 | 2989 | 2993 | rVV2 | 23604   | 29104   | 0.56%   | 0.059%  |
| 55 | 21.586 | 3123 | 3128 | 3134 | rBV2 | 1703133 | 2214661 | 42.38%  | 4.454%  |
| 56 | 21.680 | 3141 | 3144 | 3147 | rBV2 | 42971   | 45424   | 0.87%   | 0.091%  |
| 57 | 22.138 | 3220 | 3222 | 3227 | rBV  | 46112   | 51956   | 0.99%   | 0.104%  |
| 58 | 22.644 | 3304 | 3308 | 3316 | rVB  | 118769  | 160014  | 3.06%   | 0.322%  |
| 59 | 23.203 | 3399 | 3403 | 3410 | rVB  | 164419  | 260146  | 4.98%   | 0.523%  |
| 60 | 23.838 | 3507 | 3511 | 3515 | rBV  | 208727  | 342709  | 6.56%   | 0.689%  |
| 61 | 23.903 | 3515 | 3522 | 3534 | rVB2 | 2651628 | 5054044 | 96.72%  | 10.165% |
| 62 | 24.062 | 3542 | 3549 | 3560 | rVB  | 1081537 | 2254771 | 43.15%  | 4.535%  |
| 63 | 24.574 | 3632 | 3636 | 3644 | rVB  | 197990  | 392629  | 7.51%   | 0.790%  |
| 64 | 25.432 | 3777 | 3782 | 3791 | rVB  | 185121  | 411453  | 7.87%   | 0.828%  |

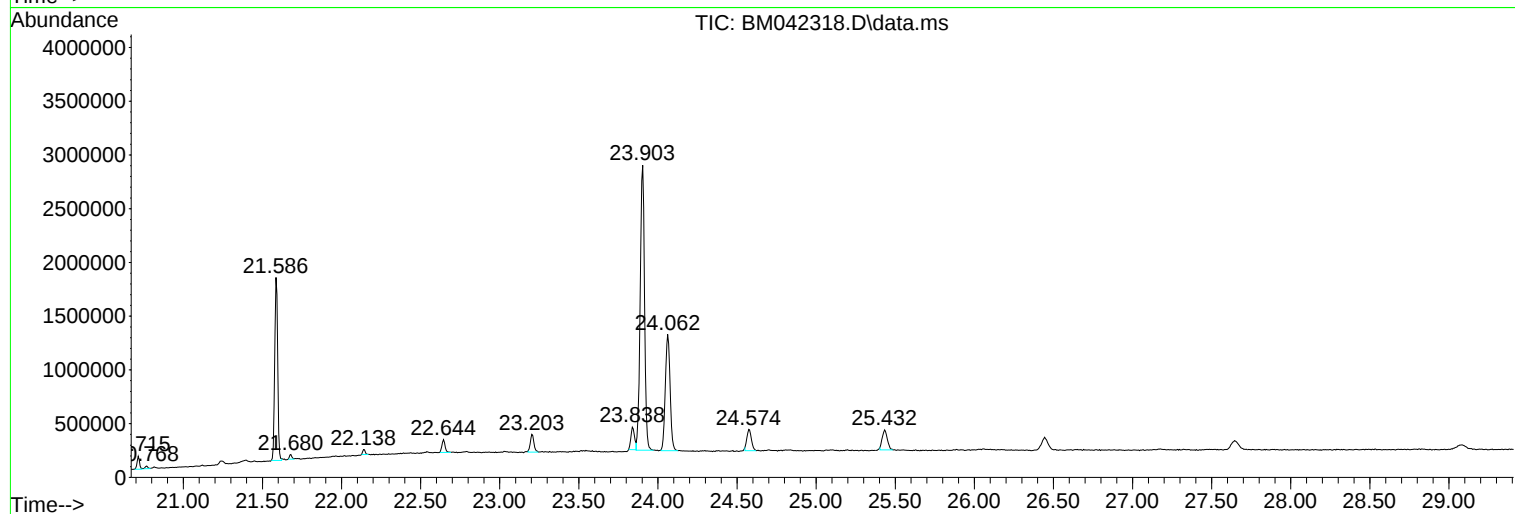
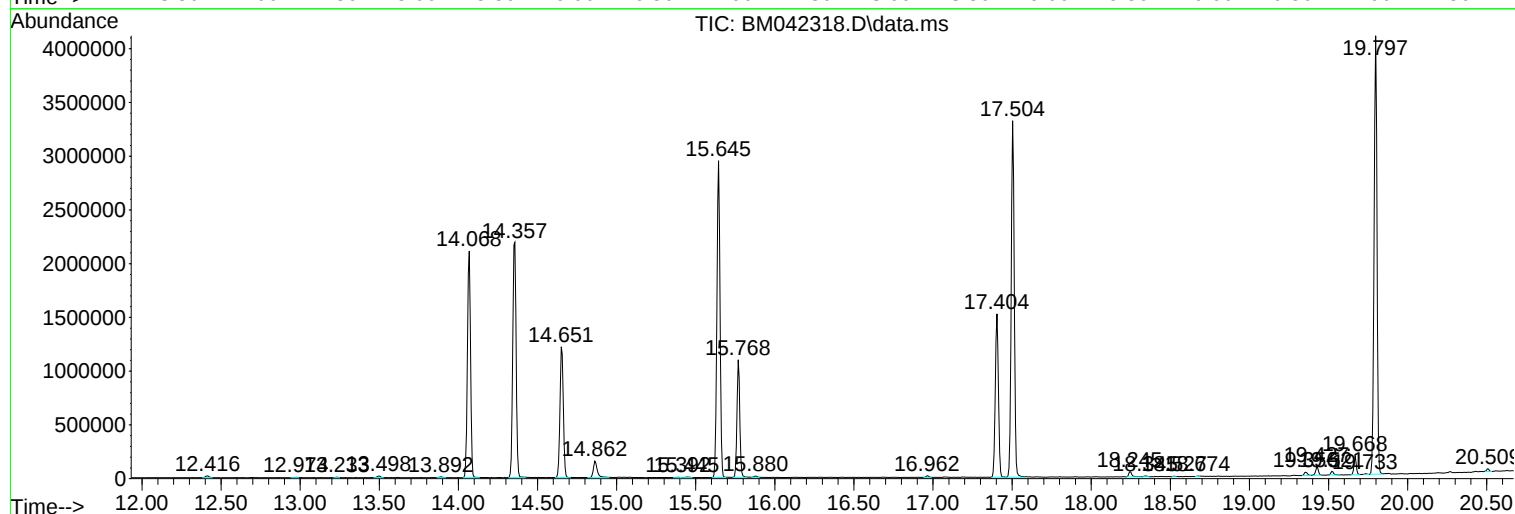
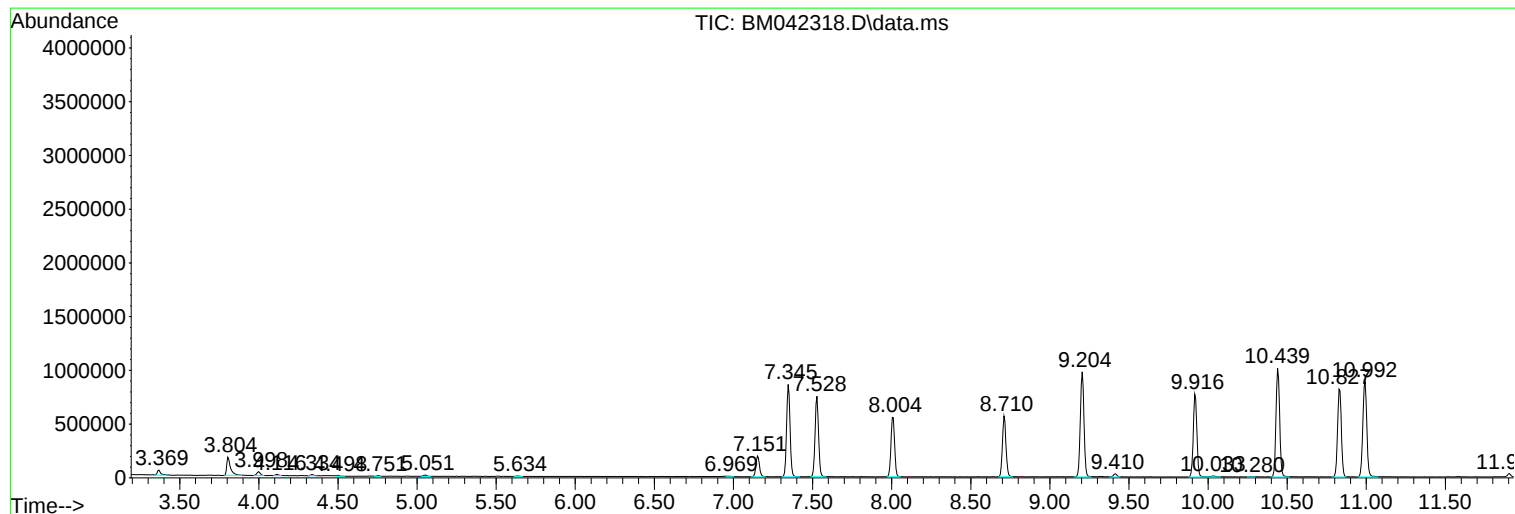
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM101223.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101723\  
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AW2

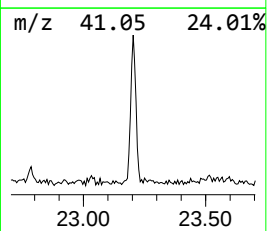
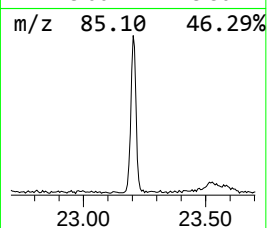
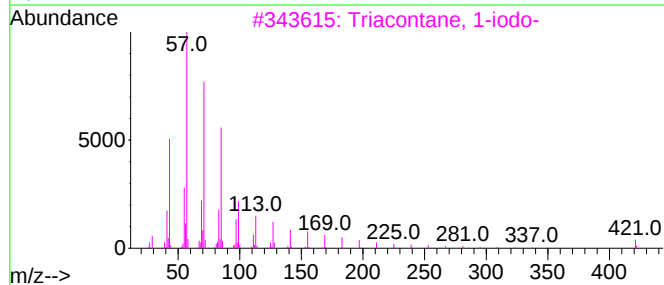
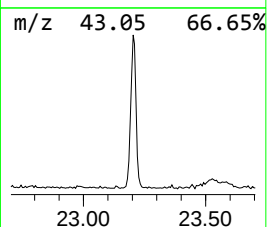
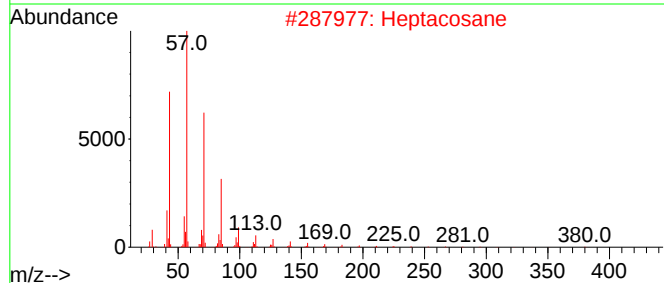
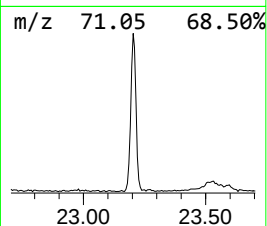
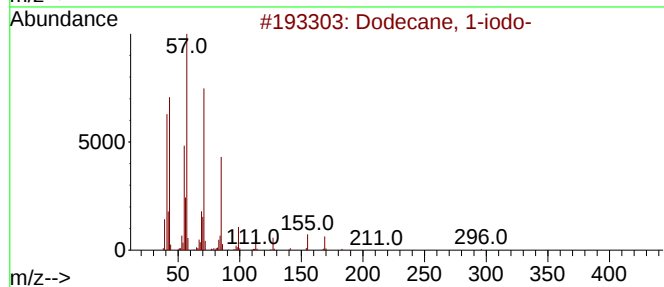
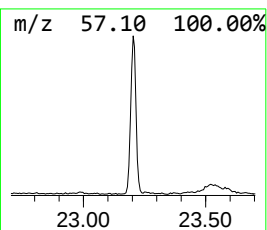
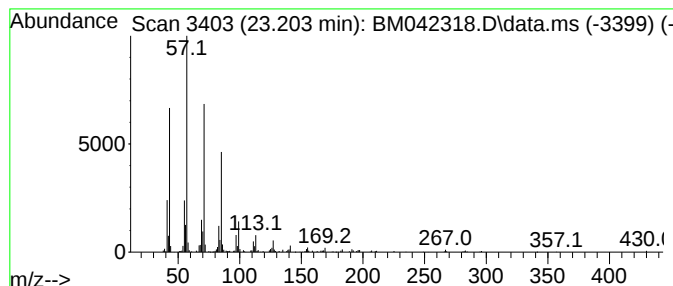
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM101223.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Dodecane, 1-iodo- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.203 | 2.31 ng/ul | 260146 | Perylene-d12     | 24.062 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------|-----|---------|--------------|------|
| 1    |    |   | Dodecane, 1-iodo-    | 296 | C12H25I | 004292-19-7  | 93   |
| 2    |    |   | Heptacosane          | 380 | C27H56  | 000593-49-7  | 91   |
| 3    |    |   | Triacontane, 1-iodo- | 548 | C30H61I | 1000406-32-3 | 91   |
| 4    |    |   | Heneicosane          | 296 | C21H44  | 000629-94-7  | 90   |
| 5    |    |   | Heptadecane          | 240 | C17H36  | 000629-78-7  | 90   |



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AW2

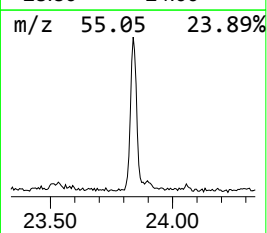
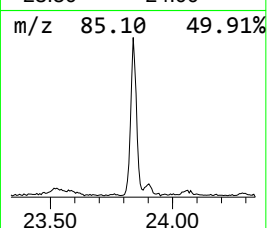
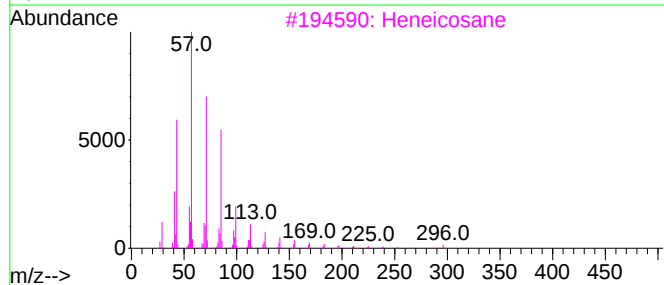
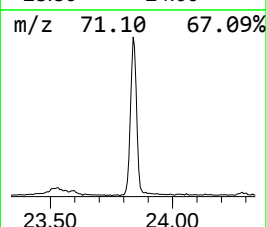
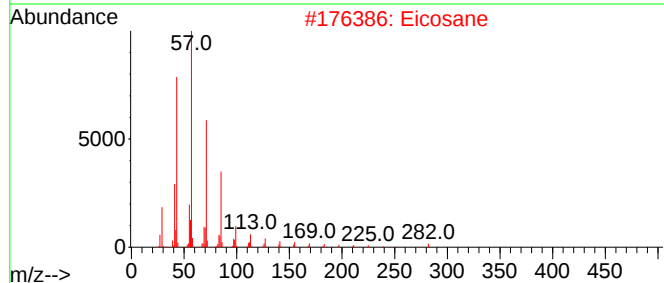
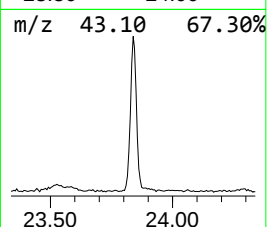
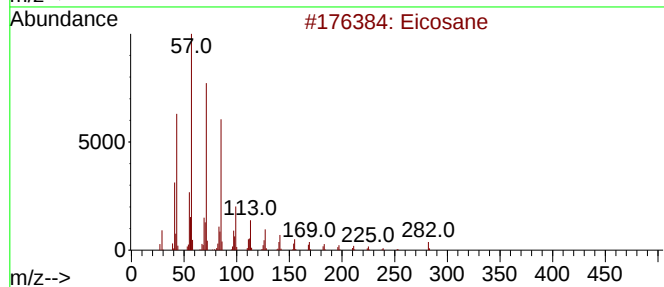
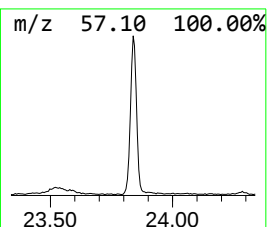
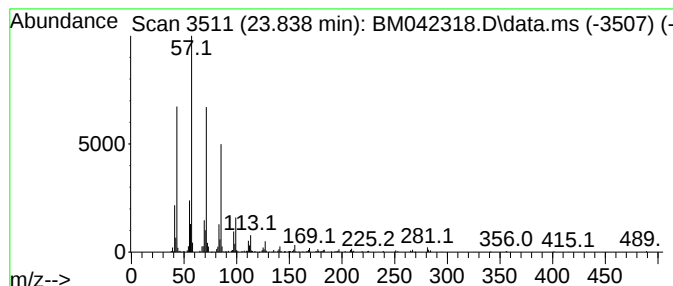
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM101223.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.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.        |      |
|-----------|--------------|--------|------------------|-------------|------|
| 23.838    | 3.04 ng/ul   | 342709 | Perylene-d12     | 24.062      |      |
| Hit# of 5 | Tentative ID | MW     | MolForm          | CAS#        | Qual |
| 1         | Eicosane     | 282    | C20H42           | 000112-95-8 | 93   |
| 2         | Eicosane     | 282    | C20H42           | 000112-95-8 | 91   |
| 3         | Heneicosane  | 296    | C21H44           | 000629-94-7 | 90   |
| 4         | Tetracosane  | 338    | C24H50           | 000646-31-1 | 87   |
| 5         | Tetracosane  | 338    | C24H50           | 000646-31-1 | 86   |



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Sample : 04900-06  
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Instrument :  
BNA\_M  
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C0AW2

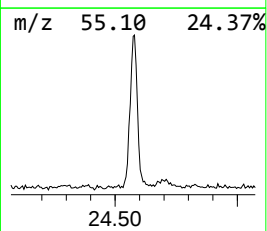
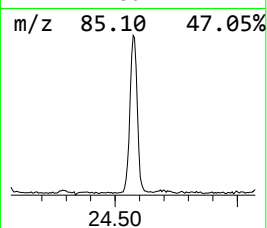
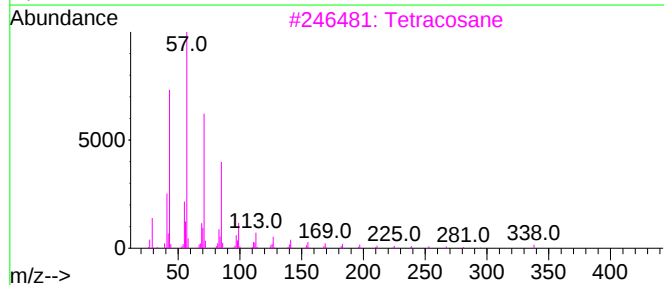
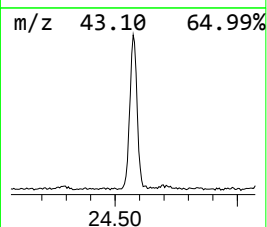
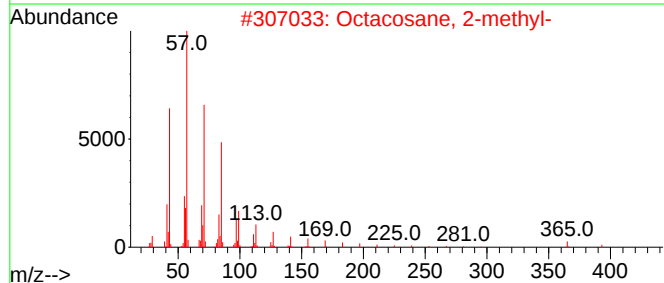
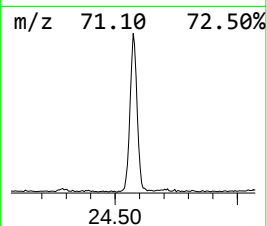
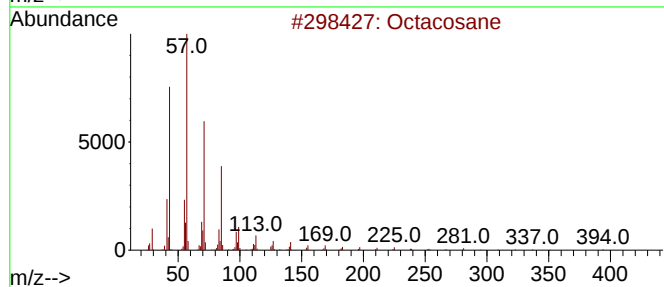
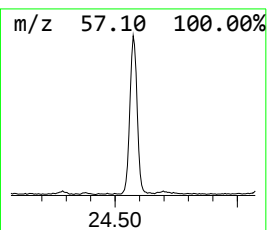
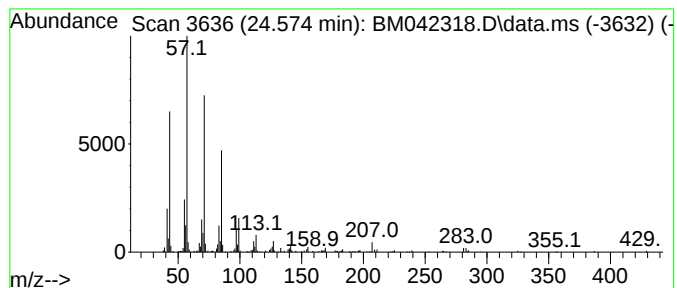
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM101223.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.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.         |      |
|-----------|-----------------------|--------|------------------|---------|--------------|------|
| 24.574    | 3.48 ng/ul            | 392629 | Perylene-d12     |         | 24.062       |      |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm | CAS#         | Qual |
| 1         | Octacosane            |        | 394              | C28H58  | 000630-02-4  | 87   |
| 2         | Octacosane, 2-methyl- |        | 408              | C29H60  | 001560-98-1  | 87   |
| 3         | Tetracosane           |        | 338              | C24H50  | 000646-31-1  | 87   |
| 4         | Hexacosane            |        | 366              | C26H54  | 000630-01-3  | 87   |
| 5         | Octacosane, 1-iodo-   |        | 520              | C28H57I | 1000406-32-2 | 86   |



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ClientSampleId :  
C0AW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM101223.MA.M  
Quant Title : SVOA CALIBRATION

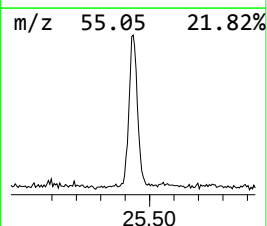
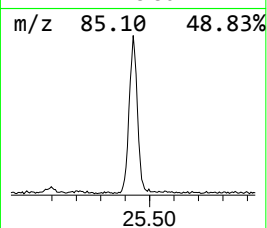
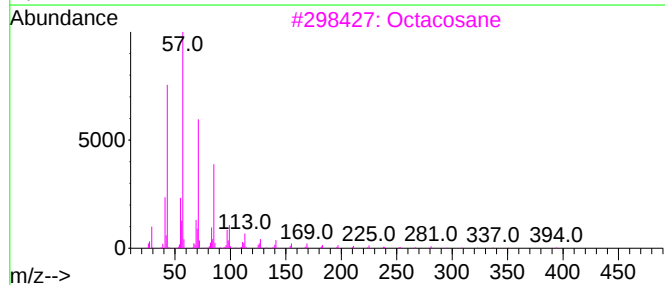
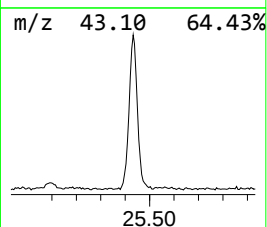
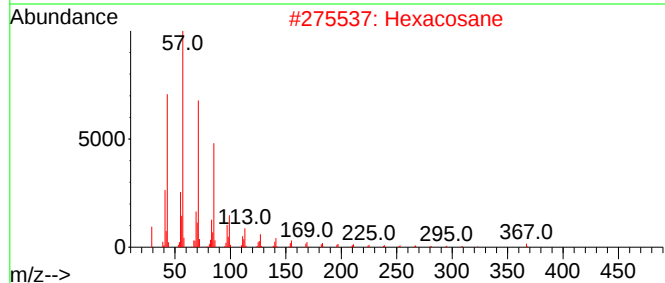
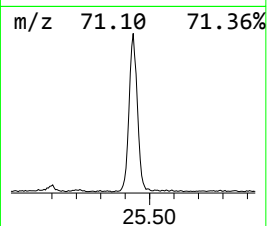
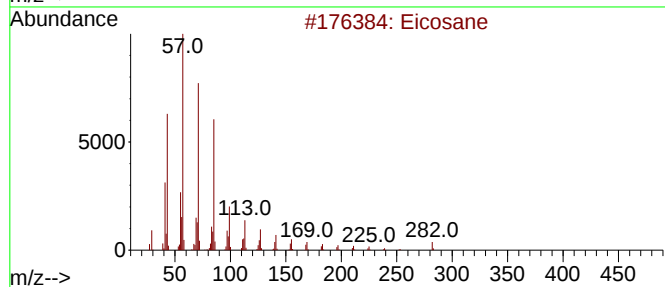
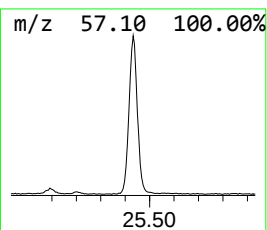
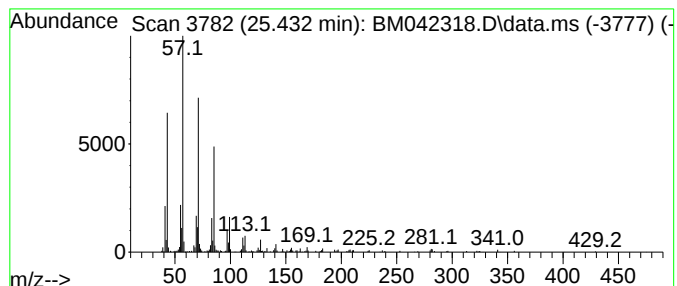
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 25.432 | 3.65 ng/ul | 411453 | Perylene-d12     | 24.062 |

| Hit# | of          | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------|---|--------------|-----|---------|-------------|------|
| 1    | Eicosane    |   |              | 282 | C20H42  | 000112-95-8 | 95   |
| 2    | Hexacosane  |   |              | 366 | C26H54  | 000630-01-3 | 90   |
| 3    | Octacosane  |   |              | 394 | C28H58  | 000630-02-4 | 90   |
| 4    | Heneicosane |   |              | 296 | C21H44  | 000629-94-7 | 86   |
| 5    | Heptacosane |   |              | 380 | C27H56  | 000593-49-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101723\  
Data File : BM042318.D  
Acq On : 17 Oct 2023 11:43  
Operator : MA/JU  
Sample : 04900-06  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM101223.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Dodecane, 1-iodo-  | 23.203 | 2.3     | ng/u1 | 260146   | 6                     | 24.062 | 2254770 | 20.0 |
| (DEL) Alkane: S... | 23.838 | 3.0     | ng/u1 | 342709   | 6                     | 24.062 | 2254770 | 20.0 |
| (DEL) Alkane: S... | 24.574 | 3.5     | ng/u1 | 392629   | 6                     | 24.062 | 2254770 | 20.0 |
| (DEL) Alkane: S... | 25.432 | 3.6     | ng/u1 | 411453   | 6                     | 24.062 | 2254770 | 20.0 |