

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
 Data File : BP016281.D  
 Acq On : 18 Jul 2023 07:24  
 Operator : MA/JU  
 Sample : 03458-05  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A46L8

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\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016281.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         | 3.281       | 12            | 16          | 34           | rVB      | 73881          | 131876        | 1.52%           | 0.144%        |
| 2         | 3.728       | 89            | 92          | 121          | rBV      | 665962         | 1420744       | 16.33%          | 1.556%        |
| 3         | 4.046       | 143           | 146         | 153          | rVB      | 14683          | 25668         | 0.30%           | 0.028%        |
| 4         | 4.999       | 305           | 308         | 313          | rBV5     | 6654           | 9538          | 0.11%           | 0.010%        |
| 5         | 7.140       | 665           | 672         | 691          | rBV      | 665039         | 2118861       | 24.36%          | 2.321%        |
| 6         | 7.281       | 691           | 696         | 720          | rVV      | 810171         | 1709878       | 19.65%          | 1.873%        |
| 7         | 7.481       | 724           | 730         | 755          | rVB      | 952535         | 2041410       | 23.47%          | 2.236%        |
| 8         | 7.952       | 803           | 810         | 830          | rBV      | 708318         | 1694608       | 19.48%          | 1.856%        |
| 9         | 8.693       | 930           | 936         | 972          | rBV      | 937673         | 2752821       | 31.64%          | 3.015%        |
| 10        | 9.146       | 1006          | 1013        | 1041         | rBV      | 853897         | 2141531       | 24.62%          | 2.346%        |
| 11        | 9.457       | 1065          | 1066        | 1075         | rVB9     | 6505           | 12132         | 0.14%           | 0.013%        |
| 12        | 9.875       | 1130          | 1137        | 1168         | rBV      | 670183         | 1889371       | 21.72%          | 2.070%        |
| 13        | 10.446      | 1226          | 1234        | 1252         | rBV      | 598331         | 2306426       | 26.51%          | 2.526%        |
| 14        | 10.769      | 1281          | 1289        | 1307         | rVB      | 1471604        | 2941855       | 33.82%          | 3.222%        |
| 15        | 10.963      | 1315          | 1322        | 1348         | rBV      | 612920         | 2499436       | 28.73%          | 2.738%        |
| 16        | 12.440      | 1566          | 1573        | 1574         | rBV5     | 13083          | 16799         | 0.19%           | 0.018%        |
| 17        | 13.210      | 1700          | 1704        | 1706         | rBV6     | 7423           | 9328          | 0.11%           | 0.010%        |
| 18        | 13.487      | 1746          | 1751        | 1759         | rBV4     | 19562          | 35580         | 0.41%           | 0.039%        |
| 19        | 14.028      | 1836          | 1843        | 1869         | rBV      | 1901824        | 3852279       | 44.28%          | 4.220%        |
| 20        | 14.304      | 1883          | 1890        | 1913         | rVV2     | 3019539        | 4991360       | 57.37%          | 5.468%        |
| 21        | 14.475      | 1917          | 1919        | 1926         | rVB8     | 8874           | 15073         | 0.17%           | 0.017%        |
| 22        | 14.604      | 1935          | 1941        | 1961         | rBV      | 2568461        | 4134308       | 47.52%          | 4.529%        |
| 23        | 14.922      | 1986          | 1995        | 2013         | rBV2     | 282489         | 1387957       | 15.95%          | 1.520%        |
| 24        | 15.440      | 2078          | 2083        | 2088         | rVB2     | 20019          | 33174         | 0.38%           | 0.036%        |
| 25        | 15.610      | 2105          | 2112        | 2129         | rBV      | 3299849        | 6368269       | 73.20%          | 6.976%        |
| 26        | 15.792      | 2137          | 2143        | 2170         | rBV      | 542725         | 1722788       | 19.80%          | 1.887%        |
| 27        | 15.981      | 2170          | 2175        | 2192         | rVB      | 508655         | 809114        | 9.30%           | 0.886%        |
| 28        | 16.251      | 2219          | 2221        | 2225         | rVB3     | 8152           | 9933          | 0.11%           | 0.011%        |
| 29        | 16.539      | 2266          | 2270        | 2277         | rVB2     | 29875          | 48585         | 0.56%           | 0.053%        |
| 30        | 16.787      | 2308          | 2312        | 2320         | rBV9     | 10562          | 24622         | 0.28%           | 0.027%        |
| 31        | 17.045      | 2352          | 2356        | 2361         | rBV8     | 13484          | 18027         | 0.21%           | 0.020%        |
| 32        | 17.087      | 2361          | 2363        | 2367         | rBV4     | 7778           | 10391         | 0.12%           | 0.011%        |
| 33        | 17.169      | 2375          | 2377        | 2383         | rVB3     | 10678          | 15263         | 0.18%           | 0.017%        |
| 34        | 17.263      | 2389          | 2393        | 2400         | rVB9     | 11919          | 22457         | 0.26%           | 0.025%        |
| 35        | 17.369      | 2404          | 2411        | 2423         | rBV      | 3558709        | 5246294       | 60.30%          | 5.747%        |
| 36        | 17.481      | 2423          | 2430        | 2453         | rVV      | 3401073        | 7089321       | 81.49%          | 7.766%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
 Data File : BP016281.D  
 Acq On : 18 Jul 2023 07:24  
 Operator : MA/JU  
 Sample : 03458-05  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A46L8

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\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 18.010 | 2518 | 2520 | 2525 | rVB6 | 12410   | 15810   | 0.18%   | 0.017% |
| 38 | 18.233 | 2553 | 2558 | 2569 | rBV  | 1067982 | 1738297 | 19.98%  | 1.904% |
| 39 | 18.498 | 2601 | 2603 | 2608 | rBV5 | 10672   | 11589   | 0.13%   | 0.013% |
| 40 | 19.292 | 2734 | 2738 | 2741 | rBV  | 58758   | 74990   | 0.86%   | 0.082% |
| 41 | 19.328 | 2741 | 2744 | 2746 | rVV3 | 25407   | 27300   | 0.31%   | 0.030% |
| 42 | 19.369 | 2746 | 2751 | 2761 | rVB2 | 67133   | 132769  | 1.53%   | 0.145% |
| 43 | 19.463 | 2762 | 2767 | 2784 | rBV  | 380821  | 716364  | 8.23%   | 0.785% |
| 44 | 19.710 | 2803 | 2809 | 2830 | rBV  | 4857395 | 8699779 | 100.00% | 9.530% |
| 45 | 20.186 | 2887 | 2890 | 2895 | rBV  | 61929   | 79757   | 0.92%   | 0.087% |
| 46 | 20.663 | 2969 | 2971 | 2975 | rBV  | 69338   | 81140   | 0.93%   | 0.089% |
| 47 | 21.157 | 3050 | 3055 | 3070 | rVB3 | 527324  | 1463635 | 16.82%  | 1.603% |
| 48 | 21.475 | 3104 | 3109 | 3122 | rBV  | 2932725 | 5947424 | 68.36%  | 6.515% |
| 49 | 22.027 | 3200 | 3203 | 3208 | rVB  | 167554  | 205100  | 2.36%   | 0.225% |
| 50 | 22.533 | 3286 | 3289 | 3297 | rVB2 | 153259  | 213089  | 2.45%   | 0.233% |
| 51 | 23.792 | 3496 | 3503 | 3522 | rVB2 | 3004609 | 7017439 | 80.66%  | 7.687% |
| 52 | 23.963 | 3525 | 3532 | 3557 | rVB  | 1749911 | 5309820 | 61.03%  | 5.816% |

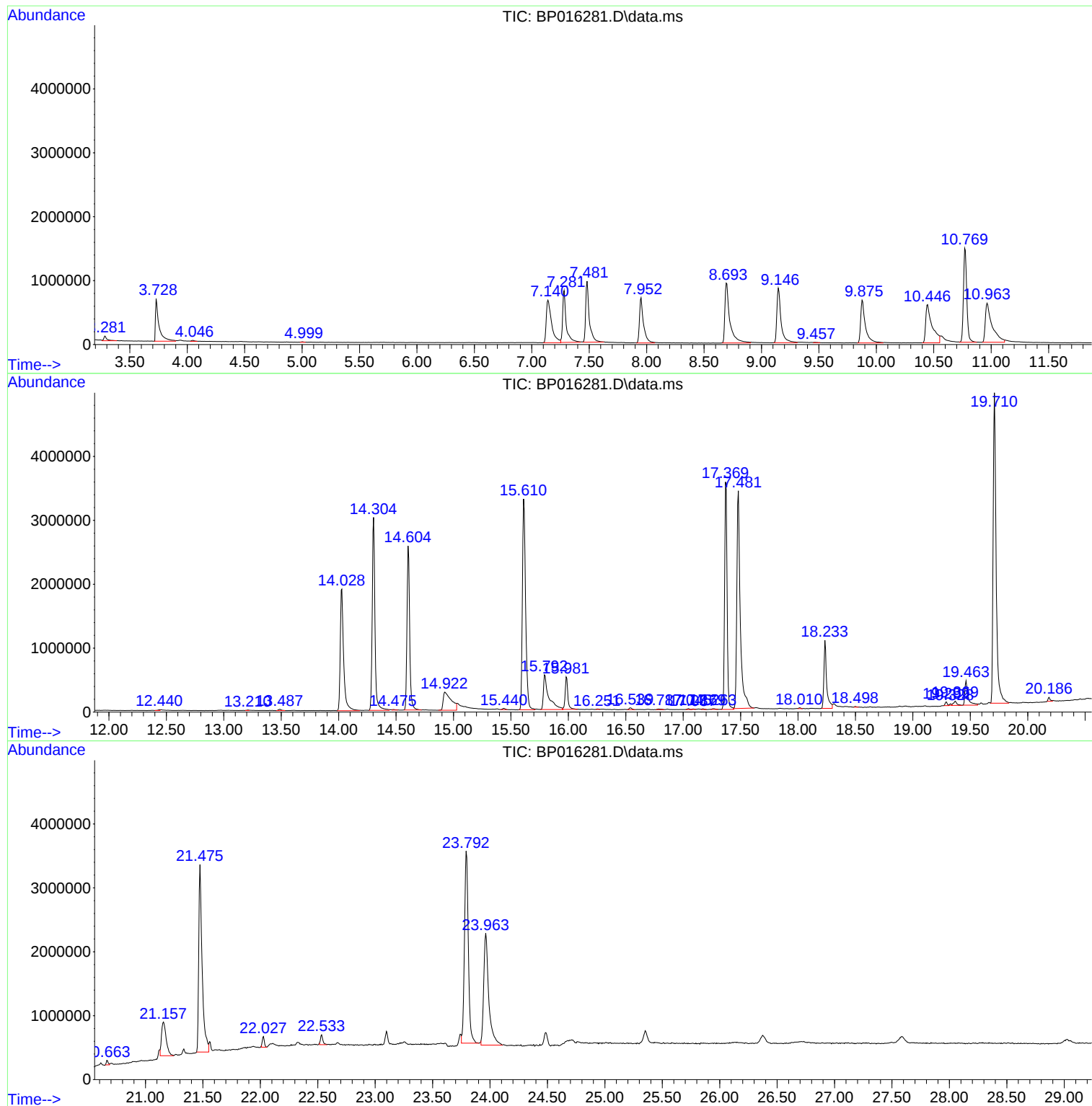
Sum of corrected areas: 91291379

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
Data File : BP016281.D  
Acq On : 18 Jul 2023 07:24  
Operator : MA/JU  
Sample : 03458-05  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A46L8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
Data File : BP016281.D  
Acq On : 18 Jul 2023 07:24  
Operator : MA/JU  
Sample : 03458-05  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A46L8

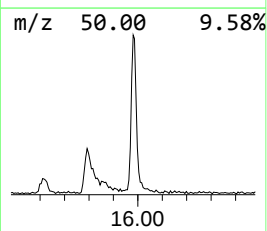
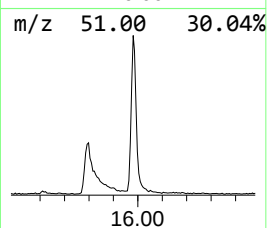
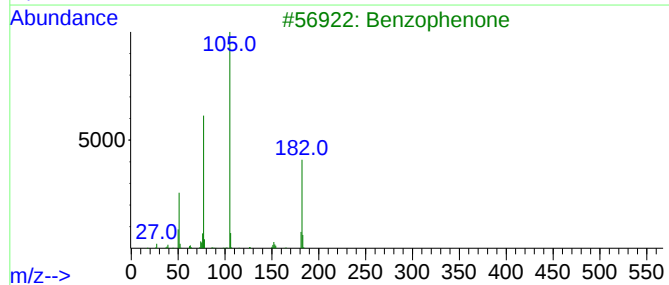
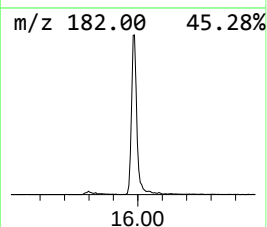
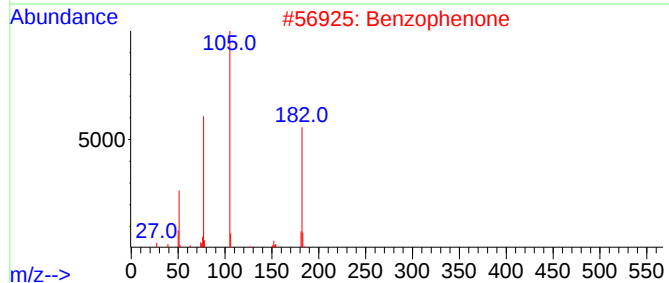
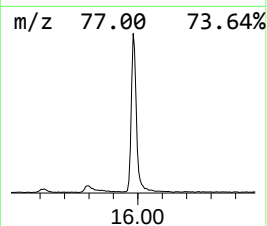
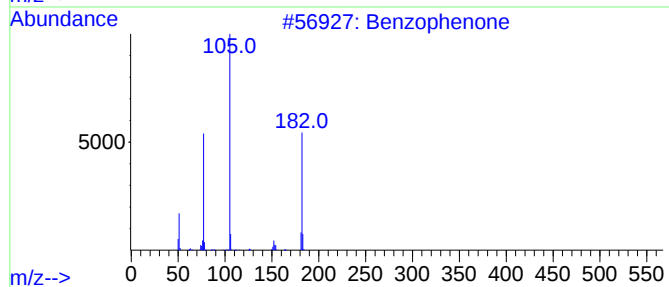
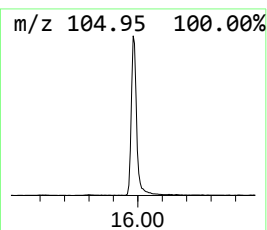
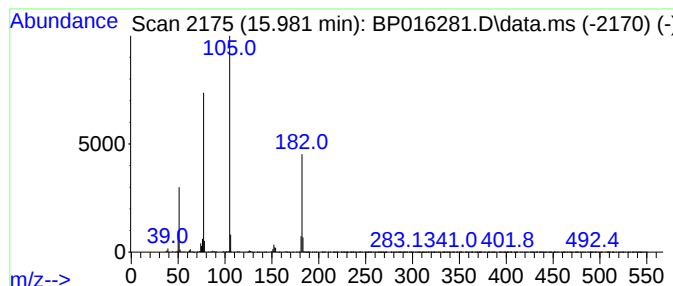
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.981 | 3.91 ng/ul | 809114 | Acenaphthene-d10 | 14.604 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
Data File : BP016281.D  
Acq On : 18 Jul 2023 07:24  
Operator : MA/JU  
Sample : 03458-05  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A46L8

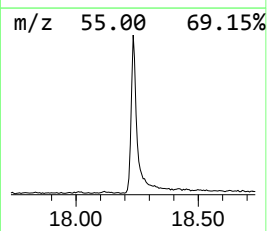
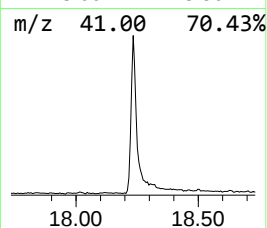
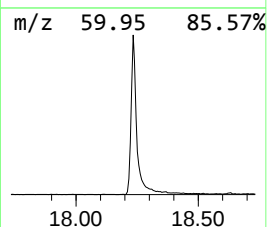
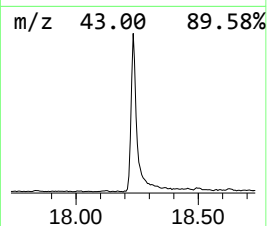
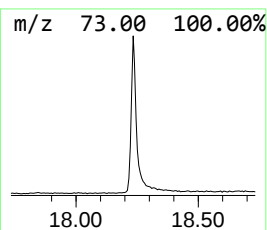
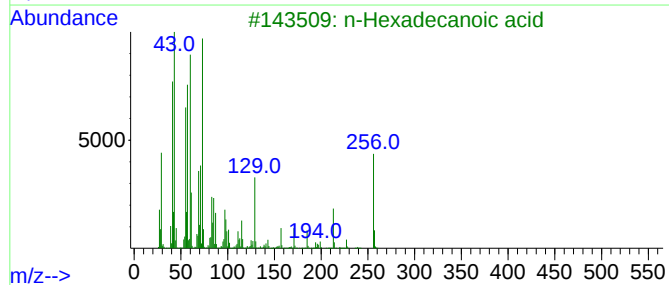
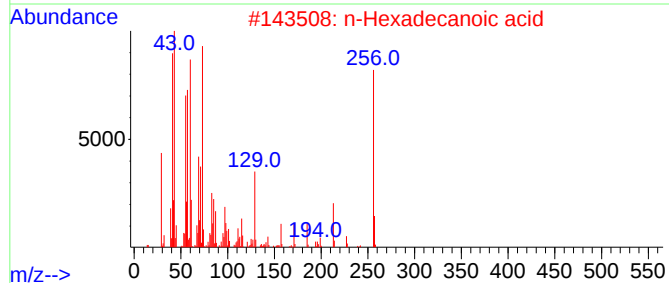
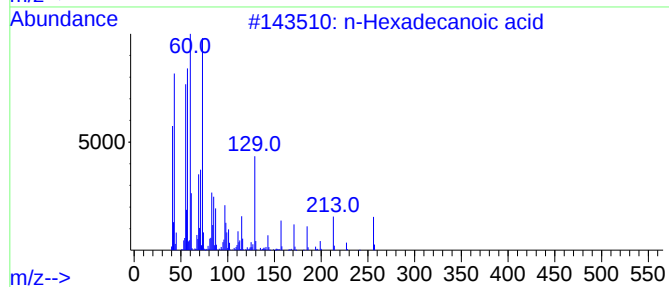
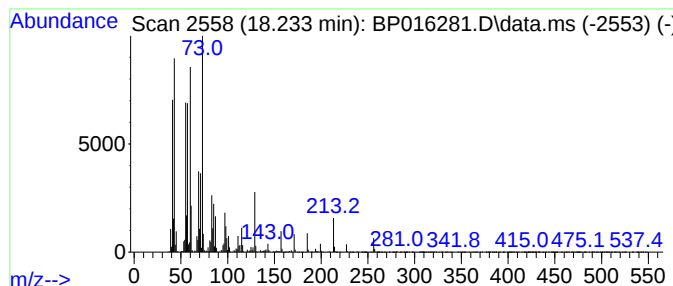
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 18.233 | 6.63 ng/ul | 1738300 | Phenanthrene-d10 | 17.369 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 95   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
Data File : BP016281.D  
Acq On : 18 Jul 2023 07:24  
Operator : MA/JU  
Sample : 03458-05  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A46L8

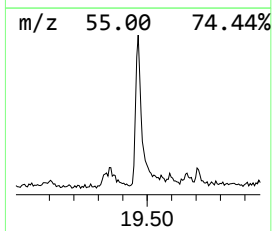
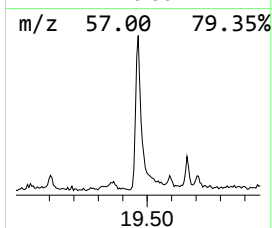
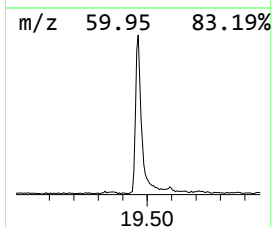
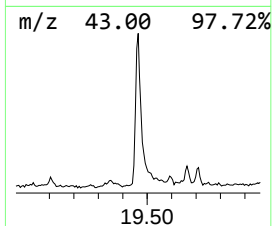
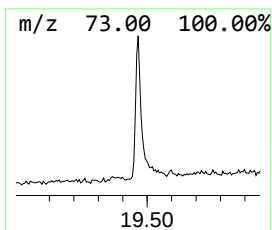
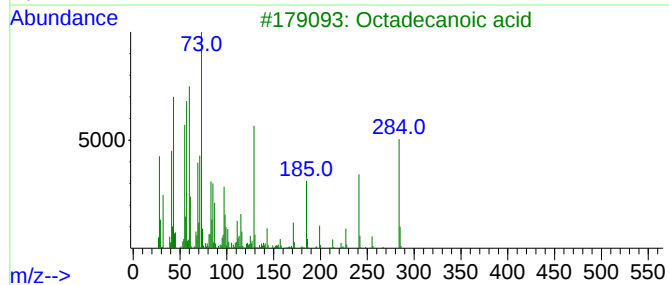
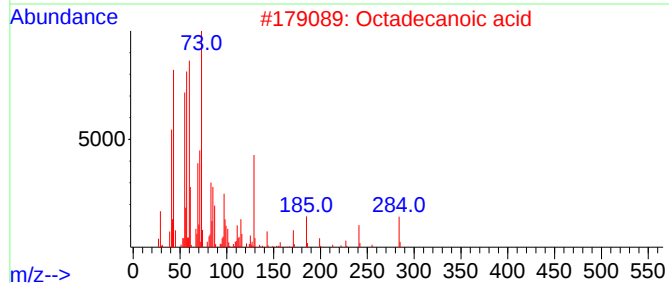
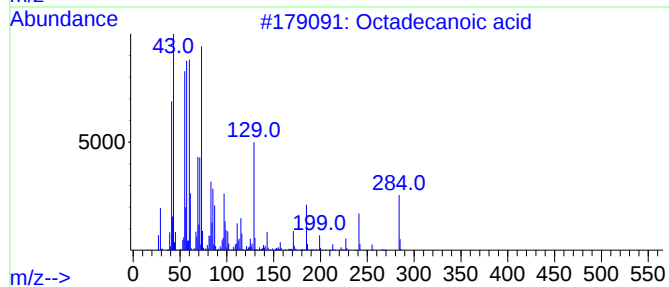
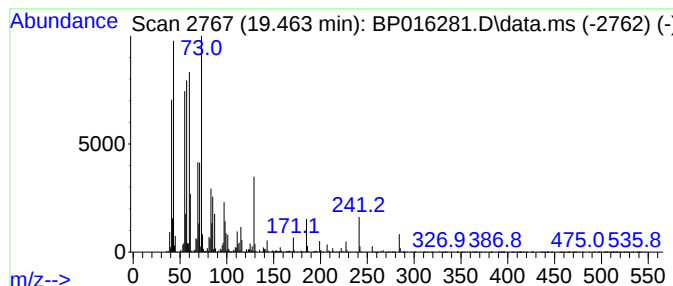
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.463 | 2.41 ng/ul | 716364 | Chrysene-d12     | 21.474 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99   |
| 3    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99   |
| 4    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 96   |
| 5    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
Data File : BP016281.D  
Acq On : 18 Jul 2023 07:24  
Operator : MA/JU  
Sample : 03458-05  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A46L8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

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

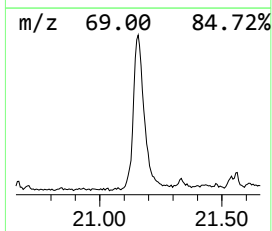
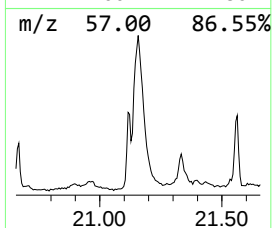
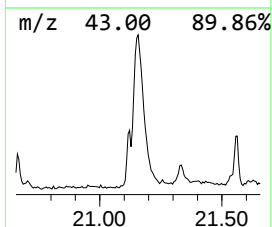
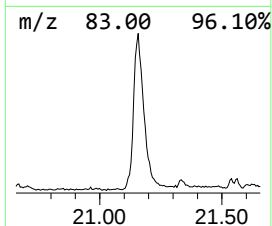
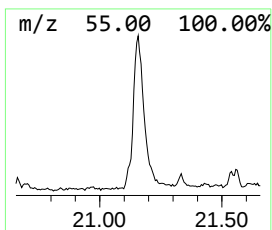
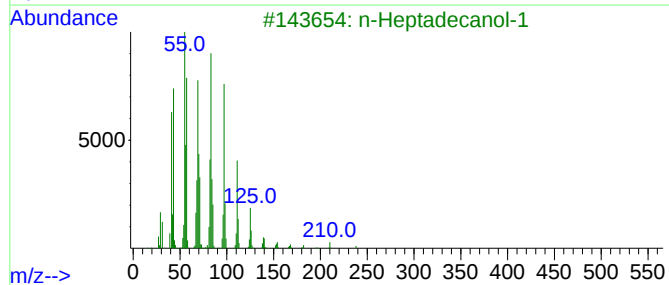
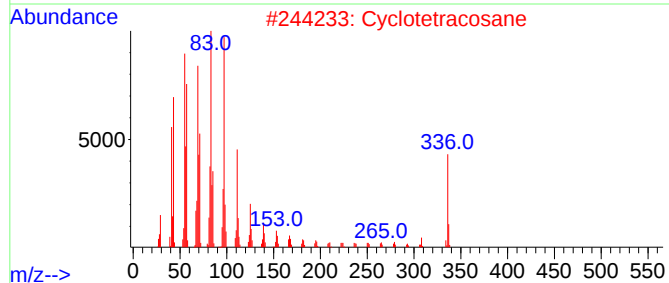
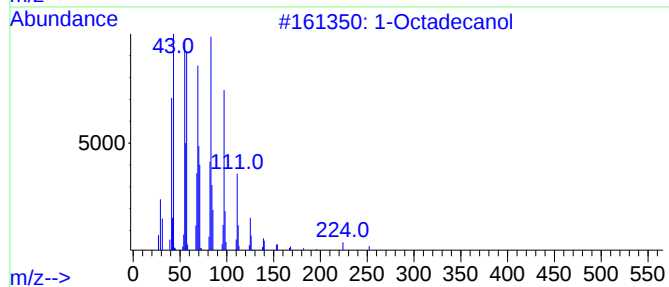
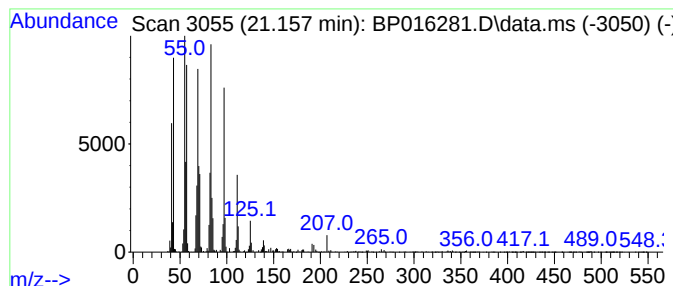
\*\*\*\*\*

Peak Number 4 1-Octadecanol Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.157 | 4.92 ng/ul | 1463640 | Chrysene-d12     | 21.474 |

| Hit# | of 5             | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------|--------------|-----|---------|-------------|------|
| 1    | 1-Octadecanol    |              | 270 | C18H38O | 000112-92-5 | 95   |
| 2    | Cyclotetracosane |              | 336 | C24H48  | 000297-03-0 | 93   |
| 3    | n-Heptadecanol-1 |              | 256 | C17H36O | 001454-85-9 | 91   |
| 4    | Cyclohexadecane  |              | 224 | C16H32  | 000295-65-8 | 91   |
| 5    | 1-Hexadecanol    |              | 242 | C16H34O | 036653-82-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071723\  
Data File : BP016281.D  
Acq On : 18 Jul 2023 07:24  
Operator : MA/JU  
Sample : 03458-05  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A46L8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.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 |
| Benzophenone       | 15.981 | 3.9     | ng/ul | 809114   | 3                     | 14.604 | 4134310 | 20.0 |
| n-Hexadecanoic ... | 18.233 | 6.6     | ng/ul | 1738300  | 4                     | 17.369 | 5246290 | 20.0 |
| Octadecanoic acid  | 19.463 | 2.4     | ng/ul | 716364   | 5                     | 21.474 | 5947420 | 20.0 |
| 1-Octadecanol      | 21.157 | 4.9     | ng/ul | 1463640  | 5                     | 21.474 | 5947420 | 20.0 |