

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016122.D  
 Acq On : 09 Jul 2023 08:52  
 Operator : MA/JU  
 Sample : 03356-01  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBW30

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-BP062623.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016122.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         | 3.346       | 24            | 27          | 35           | rVB      | 40311          | 61495         | 1.40%           | 0.130%        |
| 2         | 3.805       | 104           | 105         | 129          | rBV      | 204048         | 527737        | 12.04%          | 1.115%        |
| 3         | 4.111       | 155           | 157         | 162          | rVB2     | 11938          | 15842         | 0.36%           | 0.033%        |
| 4         | 6.781       | 607           | 611         | 614          | rVB6     | 2886           | 4403          | 0.10%           | 0.009%        |
| 5         | 7.240       | 680           | 689         | 704          | rBV      | 240738         | 928962        | 21.20%          | 1.962%        |
| 6         | 7.363       | 705           | 710         | 718          | rBV      | 234639         | 485933        | 11.09%          | 1.027%        |
| 7         | 7.575       | 739           | 746         | 768          | rBV      | 350857         | 970024        | 22.13%          | 2.049%        |
| 8         | 7.887       | 797           | 799         | 804          | rVB6     | 3229           | 4425          | 0.10%           | 0.009%        |
| 9         | 8.028       | 816           | 823         | 845          | rBV      | 381848         | 1321187       | 30.15%          | 2.791%        |
| 10        | 8.804       | 948           | 955         | 985          | rBV2     | 234949         | 1222704       | 27.90%          | 2.583%        |
| 11        | 9.246       | 1024          | 1030        | 1066         | rBV      | 277798         | 1025673       | 23.40%          | 2.167%        |
| 12        | 9.993       | 1149          | 1157        | 1187         | rBV4     | 144276         | 846337        | 19.31%          | 1.788%        |
| 13        | 10.593      | 1252          | 1259        | 1277         | rBV2     | 177817         | 902685        | 20.60%          | 1.907%        |
| 14        | 10.857      | 1297          | 1304        | 1330         | rVB      | 655383         | 2003548       | 45.72%          | 4.232%        |
| 15        | 11.087      | 1336          | 1343        | 1375         | rBV3     | 173377         | 981451        | 22.39%          | 2.073%        |
| 16        | 11.551      | 1420          | 1422        | 1426         | rVB5     | 3703           | 4778          | 0.11%           | 0.010%        |
| 17        | 12.028      | 1498          | 1503        | 1507         | rBV7     | 5729           | 8627          | 0.20%           | 0.018%        |
| 18        | 12.504      | 1578          | 1584        | 1585         | rBV6     | 2955           | 4429          | 0.10%           | 0.009%        |
| 19        | 12.534      | 1587          | 1589        | 1597         | rVV7     | 8172           | 18098         | 0.41%           | 0.038%        |
| 20        | 13.504      | 1749          | 1754        | 1756         | rBV6     | 3590           | 5803          | 0.13%           | 0.012%        |
| 21        | 13.569      | 1760          | 1765        | 1772         | rVV5     | 9759           | 24335         | 0.56%           | 0.051%        |
| 22        | 14.004      | 1837          | 1839        | 1846         | rBV6     | 3932           | 6790          | 0.15%           | 0.014%        |
| 23        | 14.104      | 1849          | 1856        | 1878         | rBV      | 744144         | 2013225       | 45.94%          | 4.253%        |
| 24        | 14.375      | 1895          | 1902        | 1925         | rBV      | 1215294        | 2419447       | 55.21%          | 5.111%        |
| 25        | 14.569      | 1930          | 1935        | 1941         | rVB7     | 10902          | 21272         | 0.49%           | 0.045%        |
| 26        | 14.681      | 1947          | 1954        | 1974         | rBV      | 1482936        | 2830918       | 64.59%          | 5.980%        |
| 27        | 15.110      | 2017          | 2027        | 2030         | rBV7     | 56659          | 194388        | 4.44%           | 0.411%        |
| 28        | 15.575      | 2104          | 2106        | 2110         | rVB5     | 5697           | 6771          | 0.15%           | 0.014%        |
| 29        | 15.692      | 2119          | 2126        | 2154         | rBV      | 1254987        | 3149761       | 71.87%          | 6.654%        |
| 30        | 15.928      | 2158          | 2166        | 2183         | rBV6     | 86613          | 457995        | 10.45%          | 0.968%        |
| 31        | 16.063      | 2183          | 2189        | 2210         | rVB      | 453729         | 987315        | 22.53%          | 2.086%        |
| 32        | 16.322      | 2231          | 2233        | 2237         | rVB5     | 8650           | 7096          | 0.16%           | 0.015%        |
| 33        | 16.616      | 2277          | 2283        | 2294         | rBV      | 122540         | 209434        | 4.78%           | 0.442%        |
| 34        | 16.757      | 2305          | 2307        | 2310         | rVB4     | 4902           | 4932          | 0.11%           | 0.010%        |
| 35        | 16.922      | 2333          | 2335        | 2339         | rVB5     | 5583           | 6300          | 0.14%           | 0.013%        |
| 36        | 17.110      | 2363          | 2367        | 2371         | rBV7     | 9466           | 17343         | 0.40%           | 0.037%        |

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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-BP062623.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 17.239 | 2386 | 2389 | 2397 | rVB9 | 6748    | 11776   | 0.27%   | 0.025% |
| 38 | 17.345 | 2405 | 2407 | 2411 | rVB5 | 6970    | 8633    | 0.20%   | 0.018% |
| 39 | 17.445 | 2416 | 2424 | 2436 | rBV  | 2022419 | 3544974 | 80.89%  | 7.489% |
| 40 | 17.557 | 2436 | 2443 | 2470 | rVB  | 1088815 | 3364799 | 76.78%  | 7.108% |
| 41 | 18.251 | 2556 | 2561 | 2563 | rBV6 | 10037   | 17037   | 0.39%   | 0.036% |
| 42 | 18.298 | 2564 | 2569 | 2580 | rBV  | 181315  | 414411  | 9.46%   | 0.875% |
| 43 | 19.357 | 2747 | 2749 | 2753 | rBV  | 24378   | 27102   | 0.62%   | 0.057% |
| 44 | 19.527 | 2774 | 2778 | 2787 | rBV6 | 59131   | 134236  | 3.06%   | 0.284% |
| 45 | 19.780 | 2815 | 2821 | 2849 | rBV  | 1843473 | 4382621 | 100.00% | 9.258% |
| 46 | 20.233 | 2896 | 2898 | 2901 | rBV3 | 32487   | 37265   | 0.85%   | 0.079% |
| 47 | 20.721 | 2978 | 2981 | 2984 | rBV2 | 55357   | 61355   | 1.40%   | 0.130% |
| 48 | 21.168 | 3055 | 3057 | 3060 | rBV2 | 84274   | 86441   | 1.97%   | 0.183% |
| 49 | 21.227 | 3062 | 3067 | 3078 | rVB4 | 243731  | 636807  | 14.53%  | 1.345% |
| 50 | 21.551 | 3116 | 3122 | 3131 | rBV  | 1534471 | 3825216 | 87.28%  | 8.081% |
| 51 | 23.904 | 3516 | 3522 | 3541 | rBV2 | 1345143 | 3322939 | 75.82%  | 7.020% |
| 52 | 24.080 | 3545 | 3552 | 3577 | rVB  | 1089686 | 3760762 | 85.81%  | 7.945% |

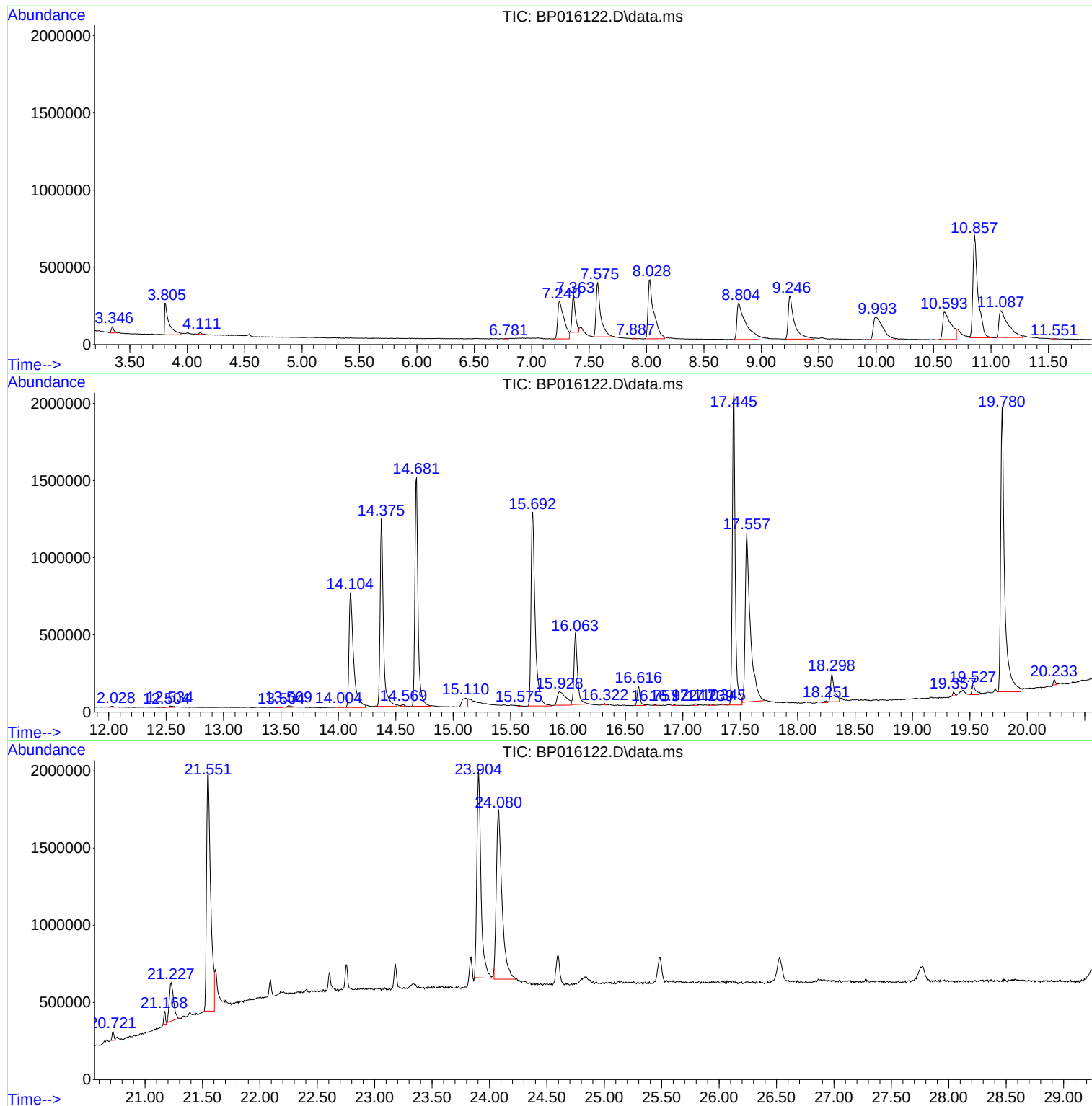
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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



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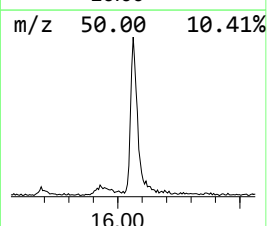
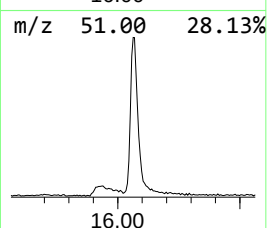
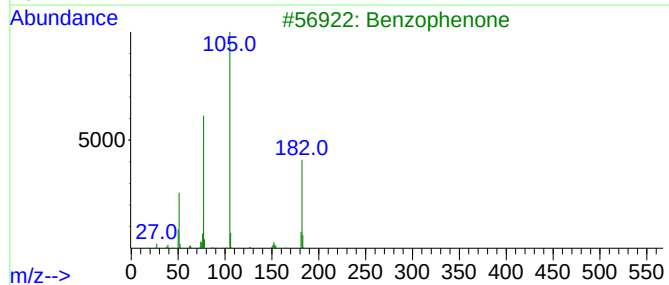
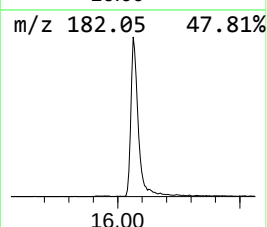
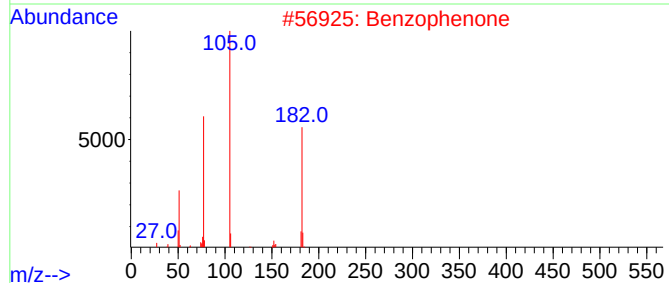
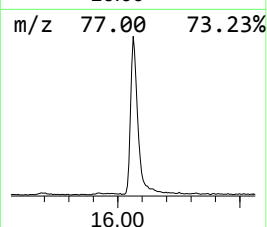
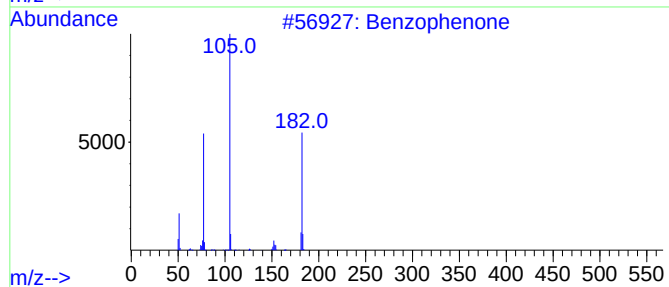
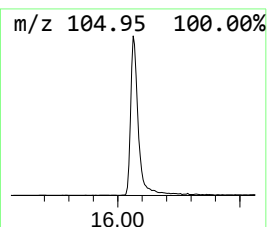
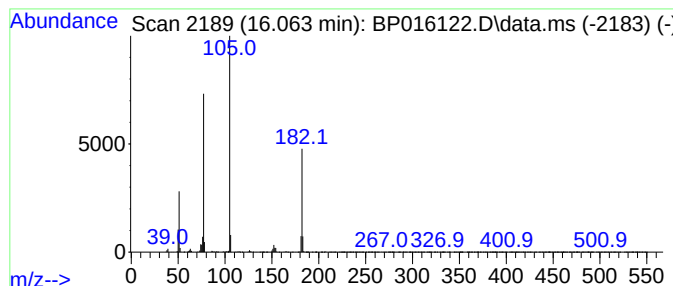
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.063 | 5.57 ng/ul | 987315 | Phenanthrene-d10 | 17.445 |

| 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 | 90   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 83   |



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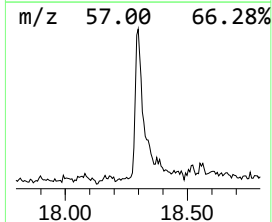
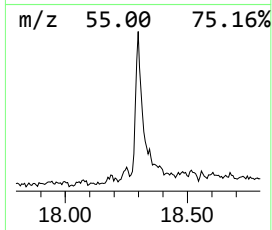
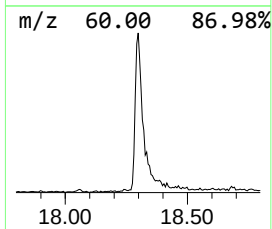
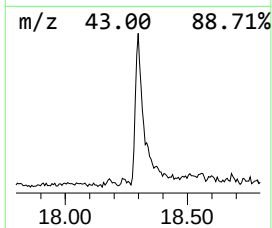
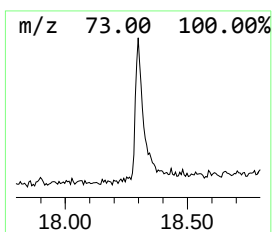
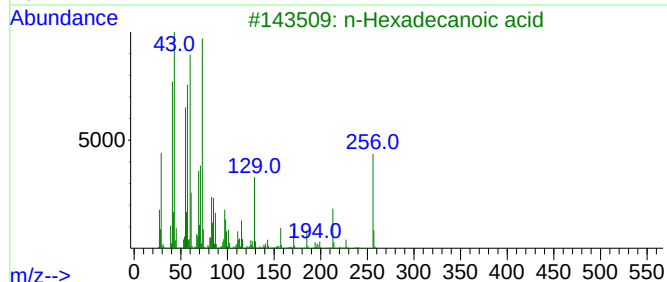
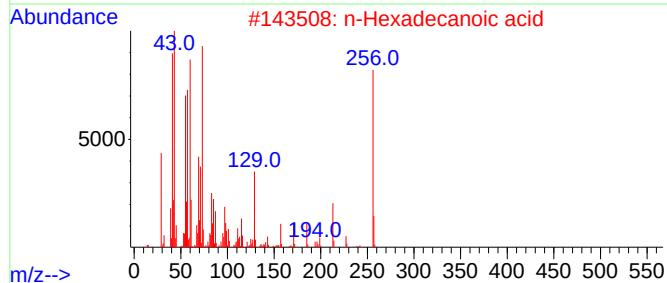
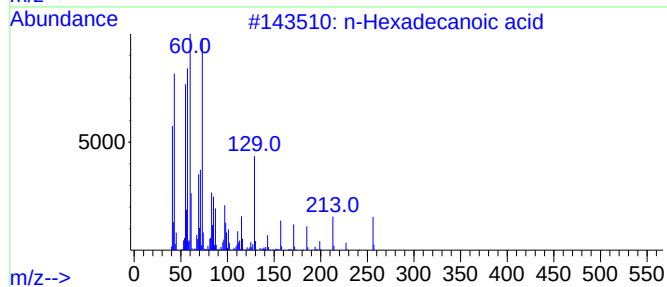
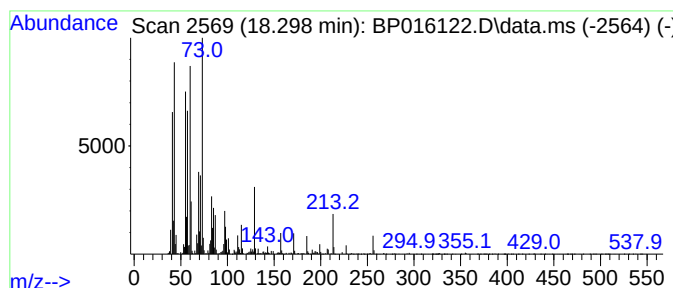
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 18.298    | 2.34 ng/ul          | 414411 | Phenanthrene-d10 | 17.445      |      |
| 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         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 95   |
| 5         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 94   |



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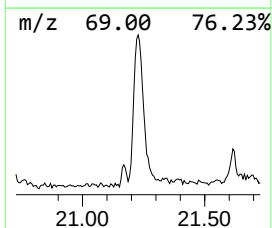
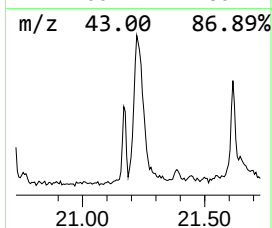
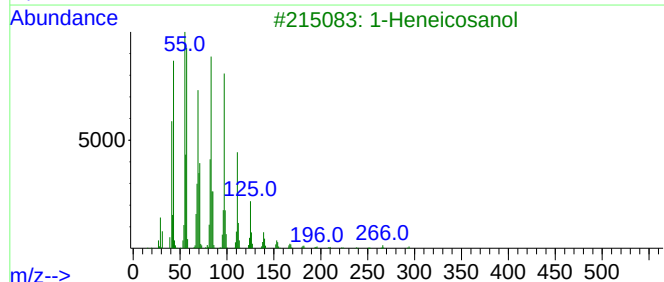
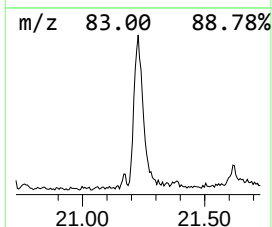
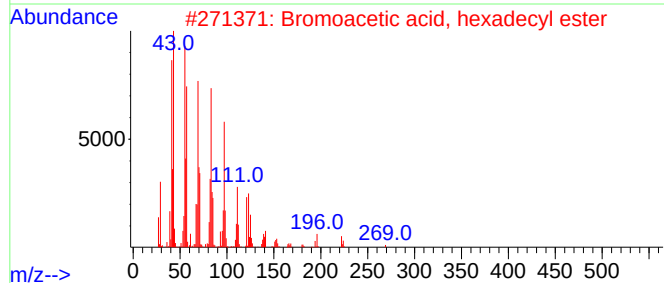
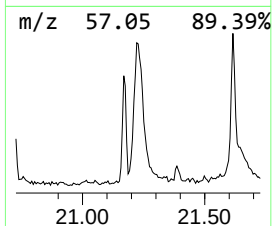
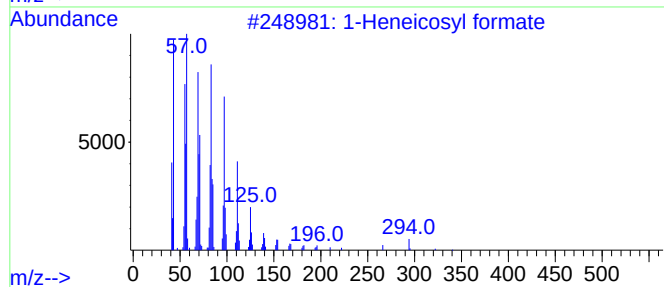
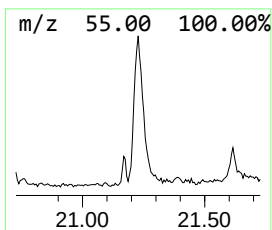
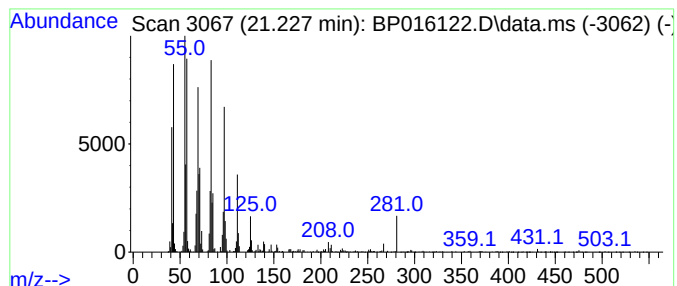
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 1-Heneicosyl formate Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.227 | 3.33 ng/ul | 636807 | Chrysene-d12     | 21.551 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Heneicosyl formate              | 340 | C22H44O2   | 077899-03-7 | 94   |
| 2    |    |   | Bromoacetic acid, hexadecyl ester | 362 | C18H35BrO2 | 005454-48-8 | 94   |
| 3    |    |   | 1-Heneicosanol                    | 312 | C21H44O    | 015594-90-8 | 94   |
| 4    |    |   | Behenic alcohol                   | 326 | C22H46O    | 000661-19-8 | 91   |
| 5    |    |   | n-Nonadecanol-1                   | 284 | C19H40O    | 001454-84-8 | 90   |



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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       | 16.063 | 5.6     | ng/ul | 987315   | 4                     | 17.445 | 3544970 | 20.0 |
| n-Hexadecanoic ... | 18.298 | 2.3     | ng/ul | 414411   | 4                     | 17.445 | 3544970 | 20.0 |
| 1-Heneicosyl fo... | 21.227 | 3.3     | ng/ul | 636807   | 5                     | 21.551 | 3825220 | 20.0 |