

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112423\  
 Data File : BP018347.D  
 Acq On : 25 Nov 2023 02:22  
 Operator : MA/JU  
 Sample : 05336-11  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKE0

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-BP112223.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP018347.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         | 3.269       | 27            | 31          | 40           | rVB      | 79637          | 99992         | 1.26%           | 0.128%        |
| 2         | 3.558       | 76            | 80          | 83           | rBV4     | 11713          | 21203         | 0.27%           | 0.027%        |
| 3         | 3.687       | 98            | 102         | 114          | rBV      | 482248         | 684058        | 8.63%           | 0.878%        |
| 4         | 3.934       | 140           | 144         | 149          | rVB2     | 19337          | 32540         | 0.41%           | 0.042%        |
| 5         | 4.028       | 156           | 160         | 164          | rVB2     | 27464          | 34152         | 0.43%           | 0.044%        |
| 6         | 4.964       | 314           | 319         | 322          | rBV7     | 7274           | 11916         | 0.15%           | 0.015%        |
| 7         | 5.146       | 346           | 350         | 355          | rVB5     | 7569           | 10050         | 0.13%           | 0.013%        |
| 8         | 7.028       | 664           | 670         | 679          | rVB      | 313164         | 490914        | 6.19%           | 0.630%        |
| 9         | 7.205       | 693           | 700         | 711          | rVB      | 1346139        | 2098580       | 26.47%          | 2.695%        |
| 10        | 7.393       | 724           | 732         | 744          | rBV      | 1189069        | 1892706       | 23.87%          | 2.430%        |
| 11        | 7.493       | 747           | 749         | 756          | rVB8     | 8102           | 13313         | 0.17%           | 0.017%        |
| 12        | 7.869       | 805           | 813         | 821          | rBV      | 1300854        | 2037306       | 25.70%          | 2.616%        |
| 13        | 8.575       | 925           | 933         | 941          | rBV      | 938182         | 1480396       | 18.67%          | 1.901%        |
| 14        | 9.028       | 1003          | 1010        | 1024         | rBV      | 1476936        | 2363909       | 29.82%          | 3.035%        |
| 15        | 9.210       | 1035          | 1041        | 1045         | rVB9     | 6651           | 12600         | 0.16%           | 0.016%        |
| 16        | 9.469       | 1081          | 1085        | 1090         | rVB2     | 24617          | 41086         | 0.52%           | 0.053%        |
| 17        | 9.752       | 1123          | 1133        | 1144         | rBV      | 956792         | 1562335       | 19.71%          | 2.006%        |
| 18        | 10.281      | 1215          | 1223        | 1241         | rBV      | 1732097        | 2834585       | 35.75%          | 3.640%        |
| 19        | 10.669      | 1281          | 1289        | 1298         | rVB      | 1722683        | 2897624       | 36.55%          | 3.721%        |
| 20        | 10.804      | 1302          | 1312        | 1321         | rBV      | 1644405        | 2695036       | 33.99%          | 3.461%        |
| 21        | 11.963      | 1503          | 1509        | 1516         | rBV2     | 32029          | 54490         | 0.69%           | 0.070%        |
| 22        | 12.157      | 1537          | 1542        | 1546         | rBV8     | 6981           | 14522         | 0.18%           | 0.019%        |
| 23        | 12.257      | 1553          | 1559        | 1563         | rBV2     | 35398          | 56885         | 0.72%           | 0.073%        |
| 24        | 12.463      | 1592          | 1594        | 1601         | rVB8     | 6862           | 10189         | 0.13%           | 0.013%        |
| 25        | 12.693      | 1629          | 1633        | 1638         | rVB6     | 6304           | 9747          | 0.12%           | 0.013%        |
| 26        | 12.893      | 1660          | 1667        | 1669         | rBV8     | 9534           | 21003         | 0.26%           | 0.027%        |
| 27        | 13.345      | 1740          | 1744        | 1749         | rBV8     | 8719           | 14240         | 0.18%           | 0.018%        |
| 28        | 13.410      | 1749          | 1755        | 1760         | rVV      | 41272          | 69602         | 0.88%           | 0.089%        |
| 29        | 13.475      | 1762          | 1766        | 1770         | rVV6     | 7041           | 9989          | 0.13%           | 0.013%        |
| 30        | 13.916      | 1833          | 1841        | 1853         | rBV      | 3497353        | 4749539       | 59.91%          | 6.099%        |
| 31        | 14.192      | 1878          | 1888        | 1896         | rBV      | 3944313        | 5747146       | 72.49%          | 7.380%        |
| 32        | 14.498      | 1930          | 1940        | 1949         | rBV      | 2537802        | 3639161       | 45.90%          | 4.673%        |
| 33        | 14.681      | 1964          | 1971        | 1979         | rBV      | 147915         | 236728        | 2.99%           | 0.304%        |
| 34        | 14.916      | 2007          | 2011        | 2016         | rVB6     | 20257          | 28096         | 0.35%           | 0.036%        |
| 35        | 15.157      | 2047          | 2052        | 2056         | rBV8     | 11462          | 18516         | 0.23%           | 0.024%        |
| 36        | 15.316      | 2076          | 2079        | 2084         | rVB5     | 11407          | 19118         | 0.24%           | 0.025%        |

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 BNA\_P  
 ClientSampleId :  
 DCKE0

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-BP112223.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.492 | 2102 | 2109 | 2121 | rBV  | 5101113 | 7152062 | 90.21%  | 9.183%  |
| 38 | 15.604 | 2121 | 2128 | 2136 | rBV  | 717711  | 1020668 | 12.87%  | 1.311%  |
| 39 | 15.734 | 2145 | 2150 | 2154 | rVB2 | 20990   | 30928   | 0.39%   | 0.040%  |
| 40 | 16.281 | 2239 | 2243 | 2246 | rBV6 | 7121    | 8760    | 0.11%   | 0.011%  |
| 41 | 16.751 | 2320 | 2323 | 2327 | rVB5 | 8976    | 12401   | 0.16%   | 0.016%  |
| 42 | 17.028 | 2365 | 2370 | 2373 | rBV6 | 9322    | 17600   | 0.22%   | 0.023%  |
| 43 | 17.245 | 2401 | 2407 | 2415 | rBV  | 2512829 | 3496164 | 44.10%  | 4.489%  |
| 44 | 17.345 | 2417 | 2424 | 2437 | rBV  | 4917232 | 7004682 | 88.35%  | 8.994%  |
| 45 | 17.622 | 2467 | 2471 | 2474 | rBV5 | 6038    | 11001   | 0.14%   | 0.014%  |
| 46 | 17.692 | 2480 | 2483 | 2486 | rBV5 | 5909    | 7955    | 0.10%   | 0.010%  |
| 47 | 18.145 | 2555 | 2560 | 2569 | rBV  | 279880  | 407015  | 5.13%   | 0.523%  |
| 48 | 18.569 | 2629 | 2632 | 2635 | rBV5 | 6697    | 10454   | 0.13%   | 0.013%  |
| 49 | 19.163 | 2729 | 2733 | 2739 | rVB2 | 56666   | 74666   | 0.94%   | 0.096%  |
| 50 | 19.227 | 2741 | 2744 | 2749 | rBV  | 51865   | 75672   | 0.95%   | 0.097%  |
| 51 | 19.386 | 2766 | 2771 | 2779 | rBV  | 271717  | 368623  | 4.65%   | 0.473%  |
| 52 | 19.586 | 2799 | 2805 | 2811 | rBV  | 5560629 | 7211891 | 90.97%  | 9.260%  |
| 53 | 21.086 | 3057 | 3060 | 3065 | rBV4 | 52353   | 68449   | 0.86%   | 0.088%  |
| 54 | 21.351 | 3100 | 3105 | 3113 | rBV  | 2442896 | 3157743 | 39.83%  | 4.055%  |
| 55 | 23.627 | 3484 | 3492 | 3506 | rVB2 | 3969005 | 7927955 | 100.00% | 10.180% |
| 56 | 23.786 | 3512 | 3519 | 3536 | rVB  | 1819624 | 3801580 | 47.95%  | 4.881%  |

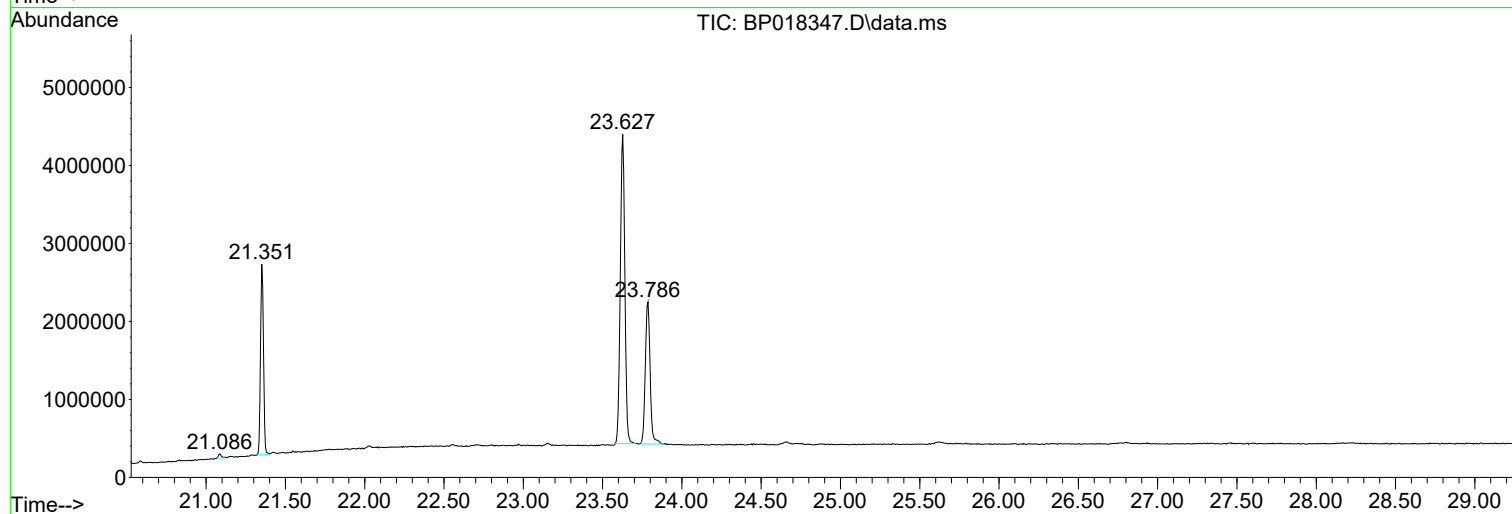
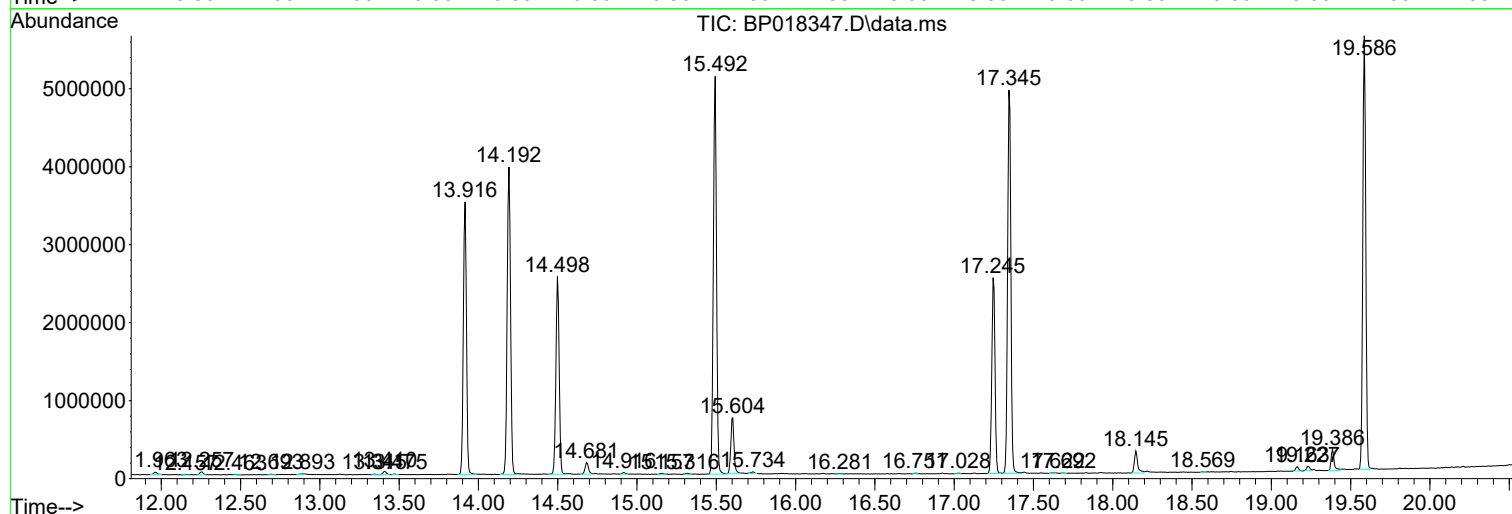
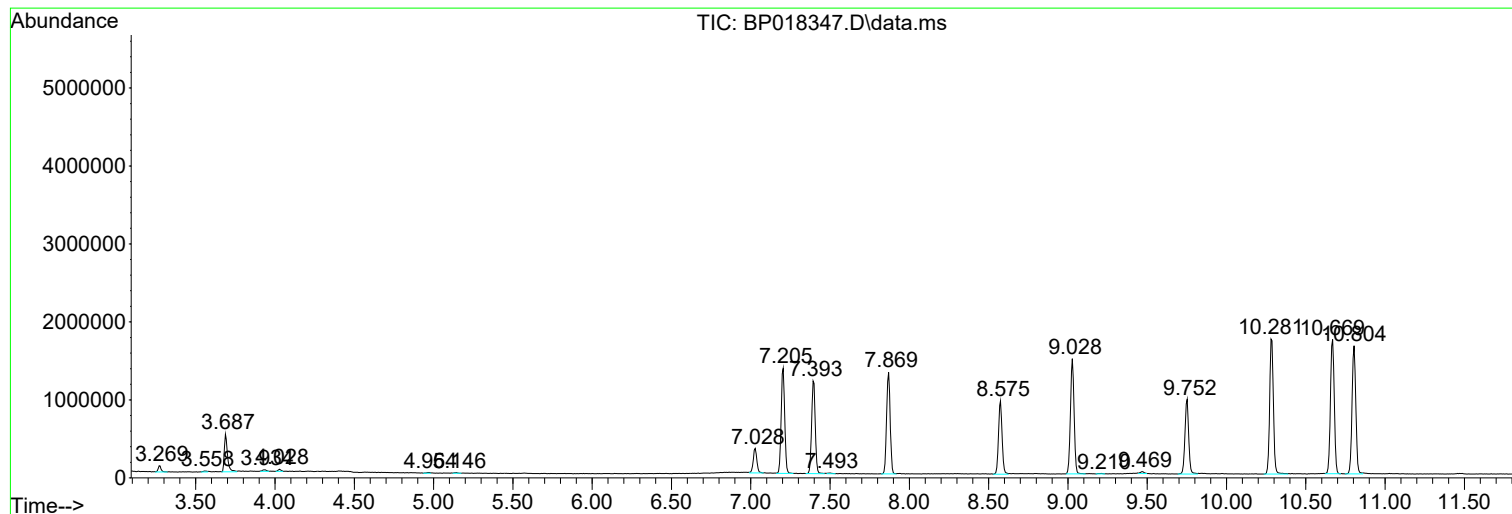
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ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112223.MA.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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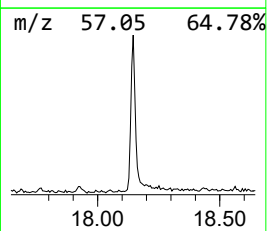
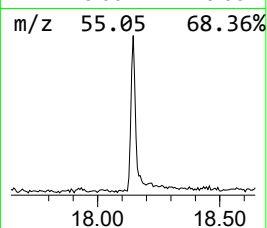
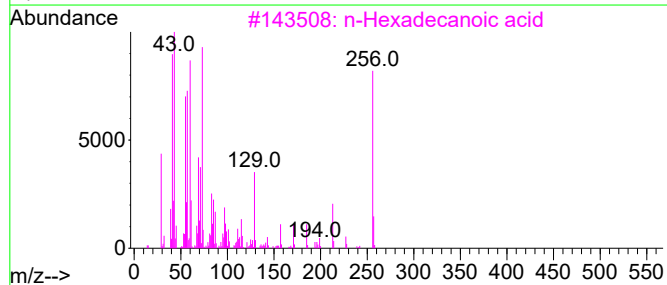
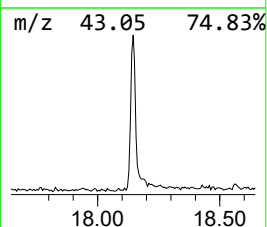
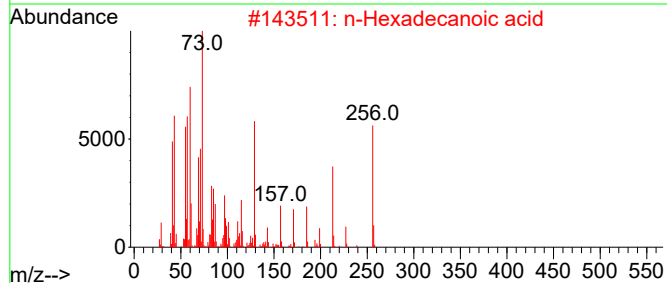
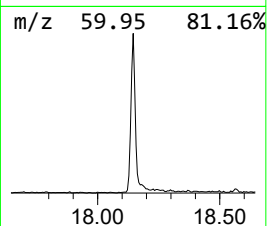
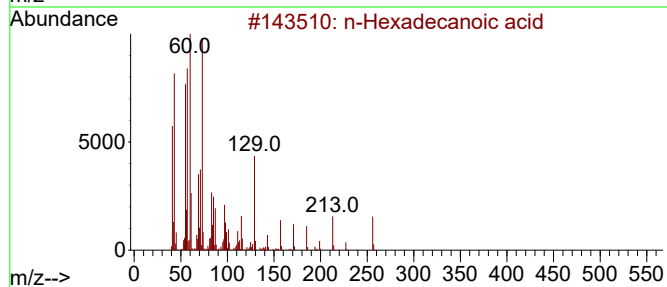
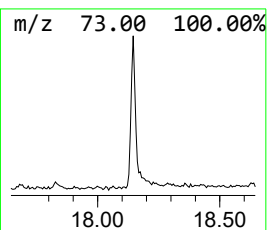
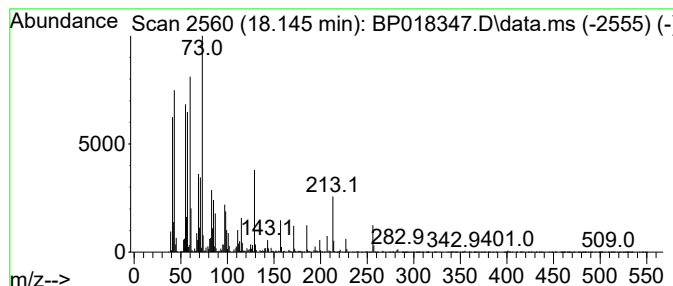
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112223.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.145 | 2.33 ng/ul | 407015 | Phenanthrene-d10 | 17.245 |

| 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 | 99   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |



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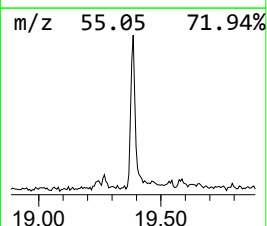
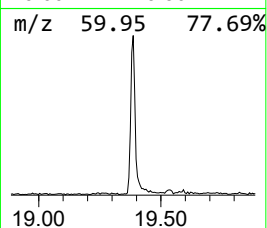
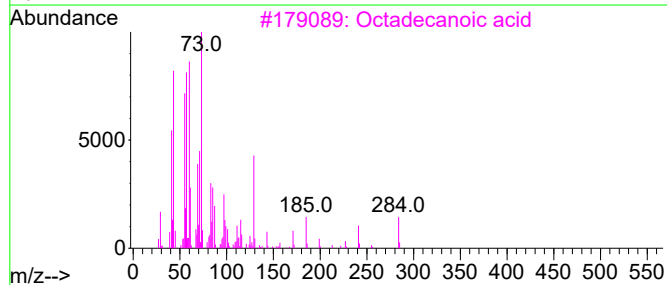
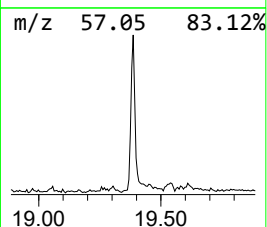
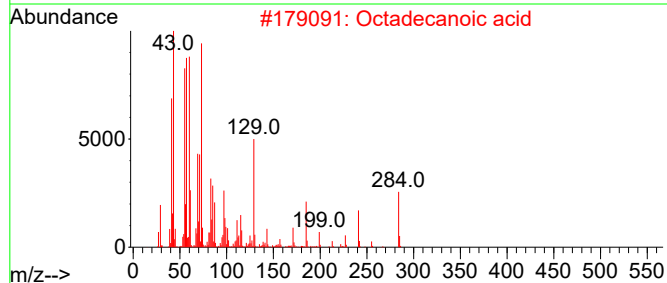
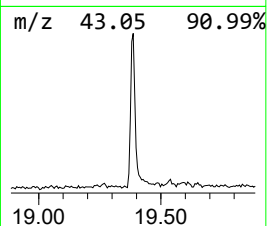
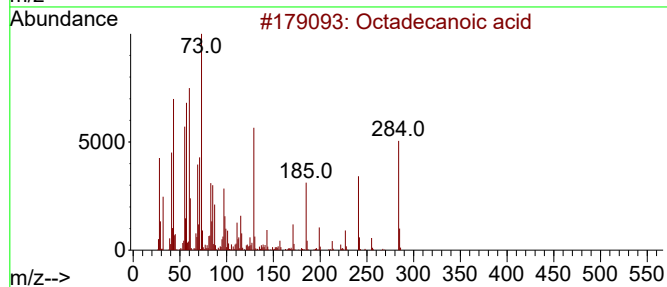
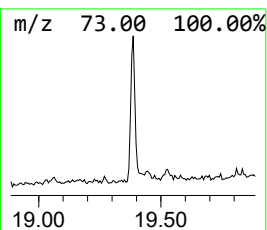
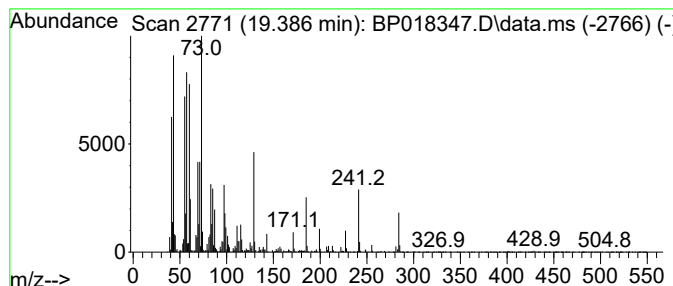
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112223.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Octadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.386 | 2.33 ng/ul | 368623 | Chrysene-d12     | 21.351 |

| 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 | 94   |
| 5    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94   |



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.145 | 2.3     | ng/ul | 407015   | 4                     | 17.245 | 3496160 | 20.0 |
| Octadecanoic acid  | 19.386 | 2.3     | ng/ul | 368623   | 5                     | 21.351 | 3157740 | 20.0 |