

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081823\  
 Data File : BP016662.D  
 Acq On : 19 Aug 2023 04:18  
 Operator : MA/JU  
 Sample : 04049-04  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BH946

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-BP081423.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016662.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         | 3.393       | 14            | 18          | 27           | rVB      | 54397          | 84558         | 0.74%           | 0.087%        |
| 2         | 3.828       | 89            | 92          | 103          | rBV      | 353537         | 549404        | 4.81%           | 0.568%        |
| 3         | 4.034       | 122           | 127         | 135          | rVB      | 44187          | 73829         | 0.65%           | 0.076%        |
| 4         | 4.146       | 142           | 146         | 156          | rVB2     | 18495          | 34166         | 0.30%           | 0.035%        |
| 5         | 4.534       | 209           | 212         | 221          | rVB4     | 15003          | 25049         | 0.22%           | 0.026%        |
| 6         | 5.087       | 303           | 306         | 312          | rVB3     | 7939           | 12232         | 0.11%           | 0.013%        |
| 7         | 5.664       | 397           | 404         | 410          | rBV9     | 9375           | 25362         | 0.22%           | 0.026%        |
| 8         | 7.187       | 656           | 663         | 672          | rBV      | 375243         | 578551        | 5.06%           | 0.598%        |
| 9         | 7.381       | 690           | 696         | 706          | rVB      | 1419727        | 2231610       | 19.52%          | 2.305%        |
| 10        | 7.563       | 719           | 727         | 736          | rBV      | 1303921        | 2079649       | 18.19%          | 2.148%        |
| 11        | 7.640       | 737           | 740         | 750          | rVB3     | 18338          | 40229         | 0.35%           | 0.042%        |
| 12        | 8.046       | 802           | 809         | 819          | rBV      | 1233337        | 1975123       | 17.28%          | 2.040%        |
| 13        | 8.752       | 919           | 929         | 943          | rBV      | 1043168        | 1711750       | 14.97%          | 1.768%        |
| 14        | 9.246       | 1005          | 1013        | 1026         | rBV      | 1696287        | 2766966       | 24.20%          | 2.858%        |
| 15        | 9.957       | 1125          | 1134        | 1145         | rBV      | 1289188        | 2192814       | 19.18%          | 2.265%        |
| 16        | 10.487      | 1215          | 1224        | 1237         | rBV      | 1826565        | 3085378       | 26.99%          | 3.187%        |
| 17        | 10.881      | 1283          | 1291        | 1299         | rBV      | 1789448        | 2985708       | 26.11%          | 3.084%        |
| 18        | 11.034      | 1308          | 1317        | 1327         | rBV      | 1779763        | 2986511       | 26.12%          | 3.085%        |
| 19        | 11.622      | 1413          | 1417        | 1426         | rVB      | 8170           | 18312         | 0.16%           | 0.019%        |
| 20        | 12.457      | 1553          | 1559        | 1565         | rBV      | 37077          | 63308         | 0.55%           | 0.065%        |
| 21        | 13.281      | 1693          | 1699        | 1703         | rBV2     | 23851          | 40776         | 0.36%           | 0.042%        |
| 22        | 13.545      | 1737          | 1744        | 1751         | rBV3     | 35679          | 62035         | 0.54%           | 0.064%        |
| 23        | 13.663      | 1756          | 1764        | 1768         | rVV8     | 5791           | 13901         | 0.12%           | 0.014%        |
| 24        | 13.887      | 1796          | 1802        | 1807         | rBV7     | 8748           | 16210         | 0.14%           | 0.017%        |
| 25        | 14.110      | 1833          | 1840        | 1853         | rBV      | 3973981        | 5341275       | 46.72%          | 5.517%        |
| 26        | 14.398      | 1882          | 1889        | 1910         | rBV      | 4343364        | 6395063       | 55.93%          | 6.606%        |
| 27        | 14.698      | 1933          | 1940        | 1955         | rVV      | 2713475        | 3972946       | 34.75%          | 4.104%        |
| 28        | 14.898      | 1968          | 1974        | 1987         | rBV      | 310081         | 552507        | 4.83%           | 0.571%        |
| 29        | 15.075      | 2000          | 2004        | 2009         | rBV6     | 17035          | 31899         | 0.28%           | 0.033%        |
| 30        | 15.122      | 2010          | 2012        | 2021         | rVB10    | 12314          | 19378         | 0.17%           | 0.020%        |
| 31        | 15.328      | 2039          | 2047        | 2060         | rBV      | 99081          | 306945        | 2.68%           | 0.317%        |
| 32        | 15.692      | 2102          | 2109        | 2119         | rBV      | 5695365        | 8272694       | 72.36%          | 8.545%        |
| 33        | 15.810      | 2124          | 2129        | 2145         | rVV      | 1780946        | 2533723       | 22.16%          | 2.617%        |
| 34        | 15.934      | 2146          | 2150        | 2155         | rVB3     | 26454          | 39593         | 0.35%           | 0.041%        |
| 35        | 16.063      | 2169          | 2172        | 2178         | rVB4     | 10252          | 14021         | 0.12%           | 0.014%        |
| 36        | 16.386      | 2224          | 2227        | 2237         | rVB5     | 30620          | 72790         | 0.64%           | 0.075%        |

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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-BP081423.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 37 | 16.822 | 2297 | 2301 | 2308 | rBV9 | 13402   | 25608    | 0.22%   | 0.026%  |
| 38 | 17.469 | 2404 | 2411 | 2421 | rBV  | 3361713 | 4889814  | 42.77%  | 5.051%  |
| 39 | 17.569 | 2421 | 2428 | 2437 | rBV  | 6989457 | 9932805  | 86.88%  | 10.260% |
| 40 | 18.304 | 2549 | 2553 | 2562 | rBV  | 487902  | 750455   | 6.56%   | 0.775%  |
| 41 | 19.380 | 2732 | 2736 | 2740 | rBV2 | 90188   | 125695   | 1.10%   | 0.130%  |
| 42 | 19.445 | 2744 | 2747 | 2750 | rVB  | 81182   | 91997    | 0.80%   | 0.095%  |
| 43 | 19.533 | 2759 | 2762 | 2770 | rBV  | 235484  | 359759   | 3.15%   | 0.372%  |
| 44 | 19.798 | 2802 | 2807 | 2814 | rBV  | 8550703 | 11433158 | 100.00% | 11.810% |
| 45 | 21.222 | 3045 | 3049 | 3054 | rBV2 | 240318  | 336443   | 2.94%   | 0.348%  |
| 46 | 21.563 | 3102 | 3107 | 3113 | rBV2 | 3521747 | 4676943  | 40.91%  | 4.831%  |
| 47 | 23.974 | 3509 | 3517 | 3530 | rVB2 | 4230980 | 9015655  | 78.86%  | 9.313%  |
| 48 | 24.145 | 3540 | 3546 | 3558 | rVB  | 1862564 | 3963273  | 34.66%  | 4.094%  |

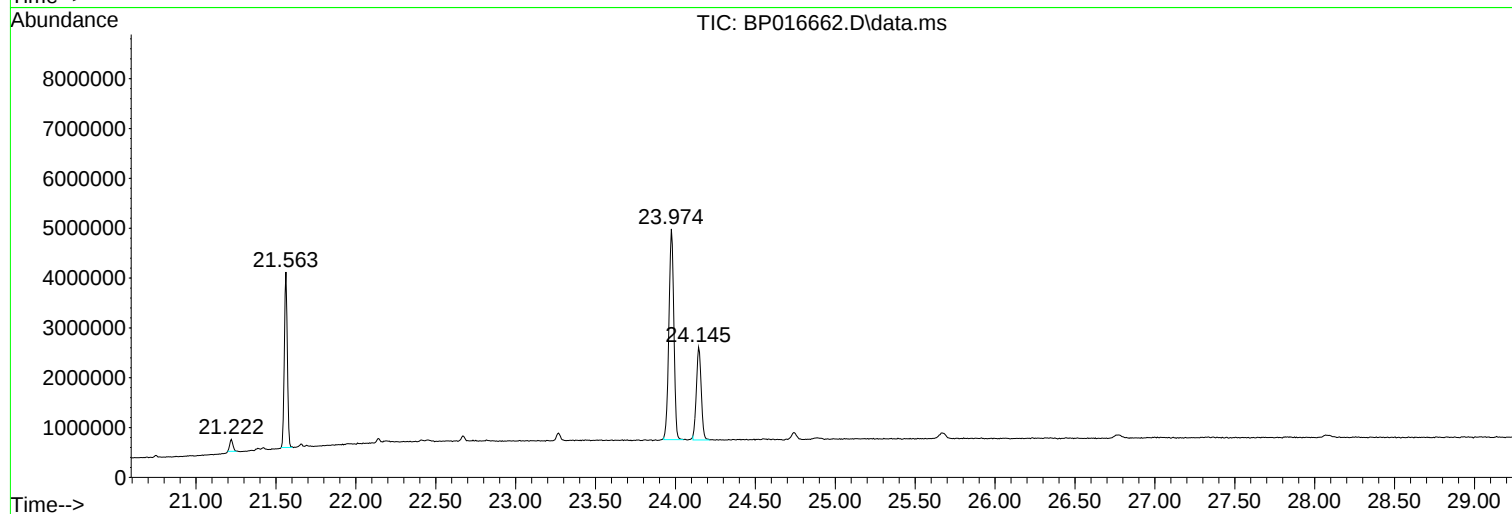
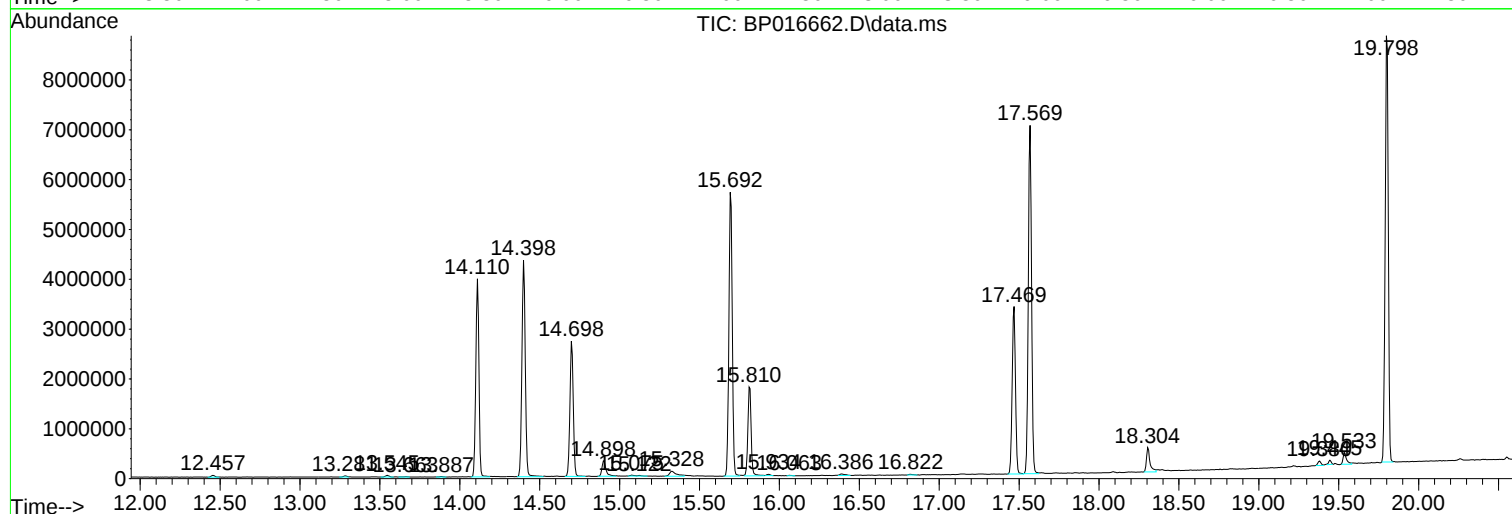
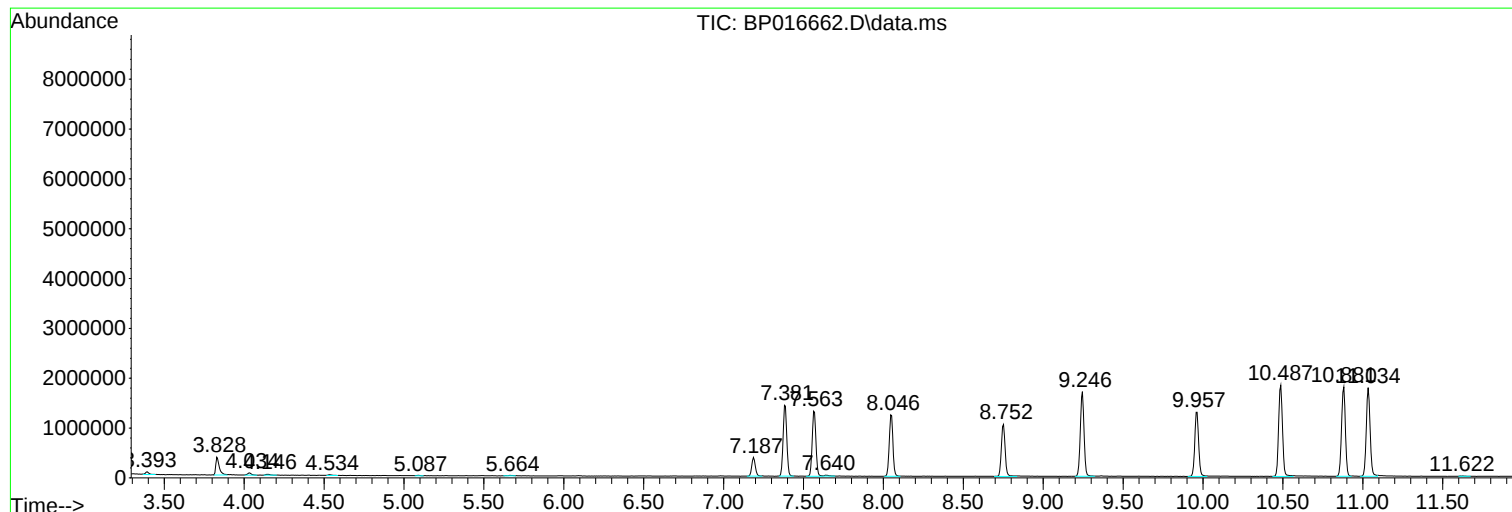
Sum of corrected areas: 96807870

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.MA.M  
Quant Title : SVOA CALIBRATION

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



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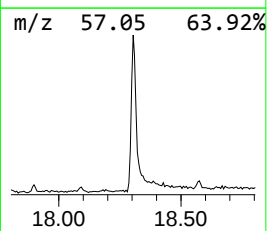
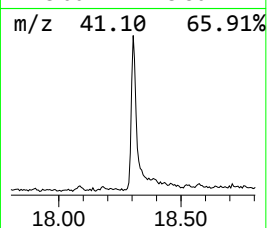
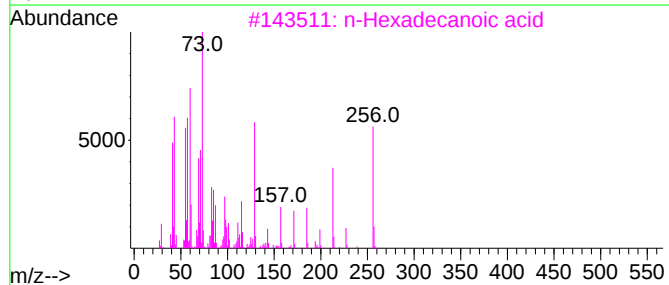
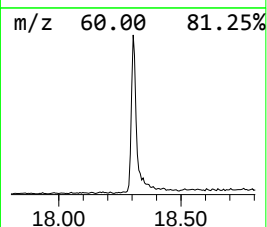
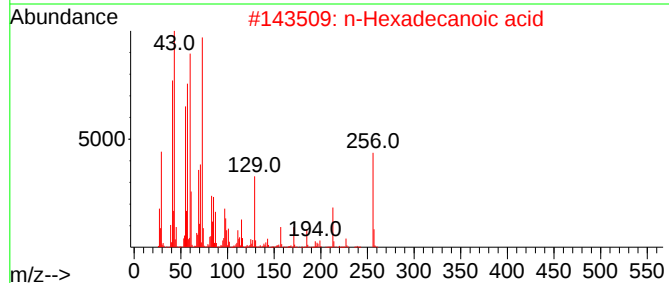
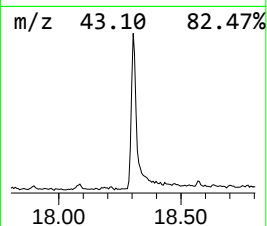
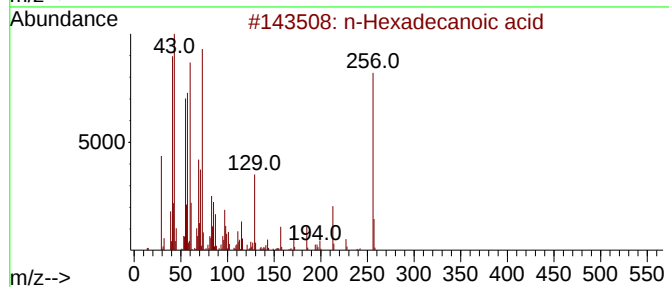
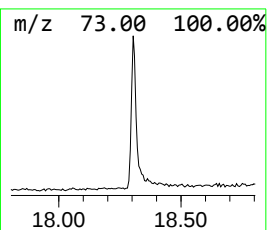
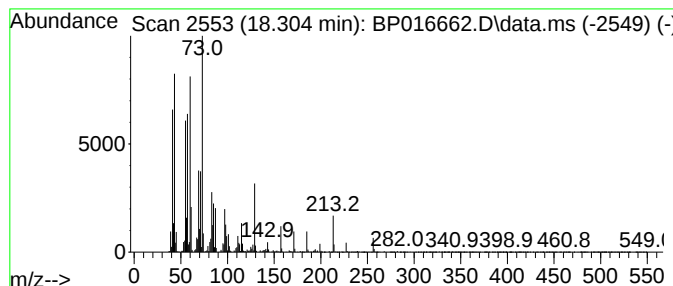
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.304 | 3.07 ng/ul | 750455 | Phenanthrene-d10 | 17.469 |

| 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 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.304 | 3.1     | ng/ul | 750455   | 4                     | 17.469 | 4889810 | 20.0 |