

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070623\  
 Data File : BP016048.D  
 Acq On : 07 Jul 2023 00:19  
 Operator : MA/JU  
 Sample : 03283-08  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EXYX4

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: BP016048.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         | 3.352       | 25            | 28          | 31           | rBV      | 56851          | 70741         | 0.63%           | 0.083%        |
| 2         | 3.387       | 31            | 34          | 42           | rVB      | 84326          | 129152        | 1.15%           | 0.151%        |
| 3         | 3.817       | 105           | 107         | 124          | rBV      | 146793         | 337403        | 3.02%           | 0.395%        |
| 4         | 4.117       | 156           | 158         | 167          | rVB2     | 15799          | 25787         | 0.23%           | 0.030%        |
| 5         | 4.658       | 246           | 250         | 263          | rVB      | 67178          | 120789        | 1.08%           | 0.141%        |
| 6         | 7.093       | 661           | 664         | 669          | rVB5     | 6907           | 11932         | 0.11%           | 0.014%        |
| 7         | 7.252       | 684           | 691         | 703          | rBV      | 126162         | 381704        | 3.41%           | 0.446%        |
| 8         | 7.358       | 703           | 709         | 730          | rVB      | 698024         | 1731686       | 15.48%          | 2.025%        |
| 9         | 7.575       | 739           | 746         | 769          | rBV      | 604899         | 1639698       | 14.66%          | 1.917%        |
| 10        | 8.034       | 816           | 824         | 852          | rBV      | 516314         | 1399732       | 12.52%          | 1.637%        |
| 11        | 8.787       | 945           | 952         | 982          | rBV2     | 419835         | 1381534       | 12.35%          | 1.615%        |
| 12        | 9.228       | 1019          | 1027        | 1058         | rBV      | 961695         | 2362643       | 21.13%          | 2.763%        |
| 13        | 9.540       | 1079          | 1080        | 1087         | rVB7     | 9354           | 15605         | 0.14%           | 0.018%        |
| 14        | 9.957       | 1141          | 1151        | 1182         | rBV      | 615769         | 1934847       | 17.30%          | 2.262%        |
| 15        | 10.540      | 1242          | 1250        | 1269         | rBV      | 564860         | 2243403       | 20.06%          | 2.623%        |
| 16        | 10.857      | 1297          | 1304        | 1321         | rBV      | 908904         | 2094161       | 18.73%          | 2.449%        |
| 17        | 11.051      | 1329          | 1337        | 1369         | rBV      | 434503         | 1860115       | 16.63%          | 2.175%        |
| 18        | 12.510      | 1578          | 1585        | 1591         | rBV4     | 17297          | 36688         | 0.33%           | 0.043%        |
| 19        | 13.563      | 1760          | 1764        | 1769         | rBV3     | 11042          | 17442         | 0.16%           | 0.020%        |
| 20        | 14.092      | 1846          | 1854        | 1884         | rBV      | 2632245        | 5415288       | 48.42%          | 6.332%        |
| 21        | 14.375      | 1895          | 1902        | 1920         | rBV      | 3673120        | 6041927       | 54.03%          | 7.065%        |
| 22        | 14.681      | 1947          | 1954        | 1978         | rVB      | 1862188        | 3078250       | 27.53%          | 3.600%        |
| 23        | 15.087      | 2014          | 2023        | 2026         | rBV7     | 38557          | 101192        | 0.90%           | 0.118%        |
| 24        | 15.451      | 2081          | 2085        | 2092         | rVB      | 25711          | 45431         | 0.41%           | 0.053%        |
| 25        | 15.510      | 2092          | 2095        | 2102         | rVB8     | 9539           | 16685         | 0.15%           | 0.020%        |
| 26        | 15.681      | 2117          | 2124        | 2144         | rBV      | 3671615        | 7876239       | 70.43%          | 9.210%        |
| 27        | 15.863      | 2149          | 2155        | 2183         | rVV      | 751110         | 2501540       | 22.37%          | 2.925%        |
| 28        | 16.063      | 2184          | 2189        | 2204         | rVB      | 118372         | 260527        | 2.33%           | 0.305%        |
| 29        | 16.475      | 2256          | 2259        | 2264         | rVB7     | 8008           | 13224         | 0.12%           | 0.015%        |
| 30        | 17.233      | 2386          | 2388        | 2396         | rVB5     | 11100          | 15822         | 0.14%           | 0.019%        |
| 31        | 17.445      | 2417          | 2424        | 2435         | rBV      | 2420141        | 3830452       | 34.25%          | 4.479%        |
| 32        | 17.551      | 2435          | 2442        | 2469         | rVB2     | 3922809        | 8973769       | 80.24%          | 10.493%       |
| 33        | 18.304      | 2565          | 2570        | 2579         | rBV      | 166630         | 391728        | 3.50%           | 0.458%        |
| 34        | 19.139      | 2709          | 2712        | 2715         | rBV3     | 24973          | 33339         | 0.30%           | 0.039%        |
| 35        | 19.351      | 2744          | 2748        | 2754         | rBV      | 83094          | 107606        | 0.96%           | 0.126%        |
| 36        | 19.427      | 2757          | 2761        | 2770         | rBV2     | 72328          | 135973        | 1.22%           | 0.159%        |

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Sample : 03283-08  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EXYX4

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 | 19.527 | 2774 | 2778 | 2793 | rBV2 | 118729  | 293744   | 2.63%   | 0.343%  |
| 38 | 19.775 | 2814 | 2820 | 2850 | rBV  | 5817703 | 11183312 | 100.00% | 13.077% |
| 39 | 21.551 | 3117 | 3122 | 3137 | rBV  | 1848662 | 4168044  | 37.27%  | 4.874%  |
| 40 | 23.910 | 3516 | 3523 | 3545 | rVB2 | 3628807 | 9182556  | 82.11%  | 10.737% |
| 41 | 24.086 | 3546 | 3553 | 3576 | rVB  | 1236901 | 4057089  | 36.28%  | 4.744%  |

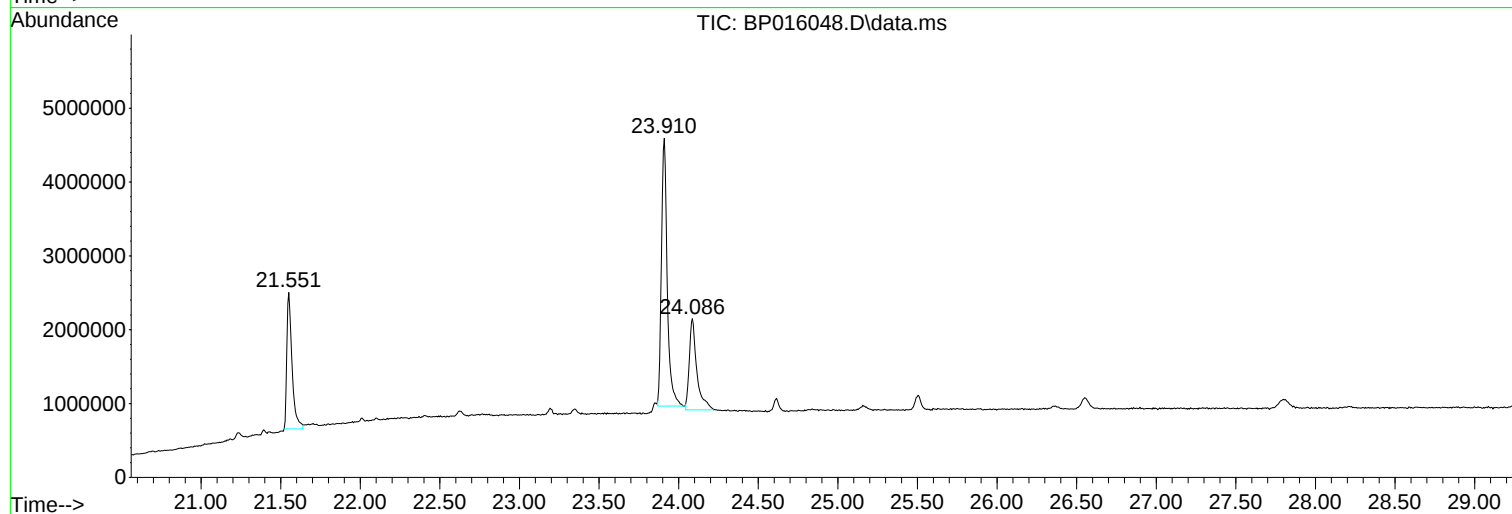
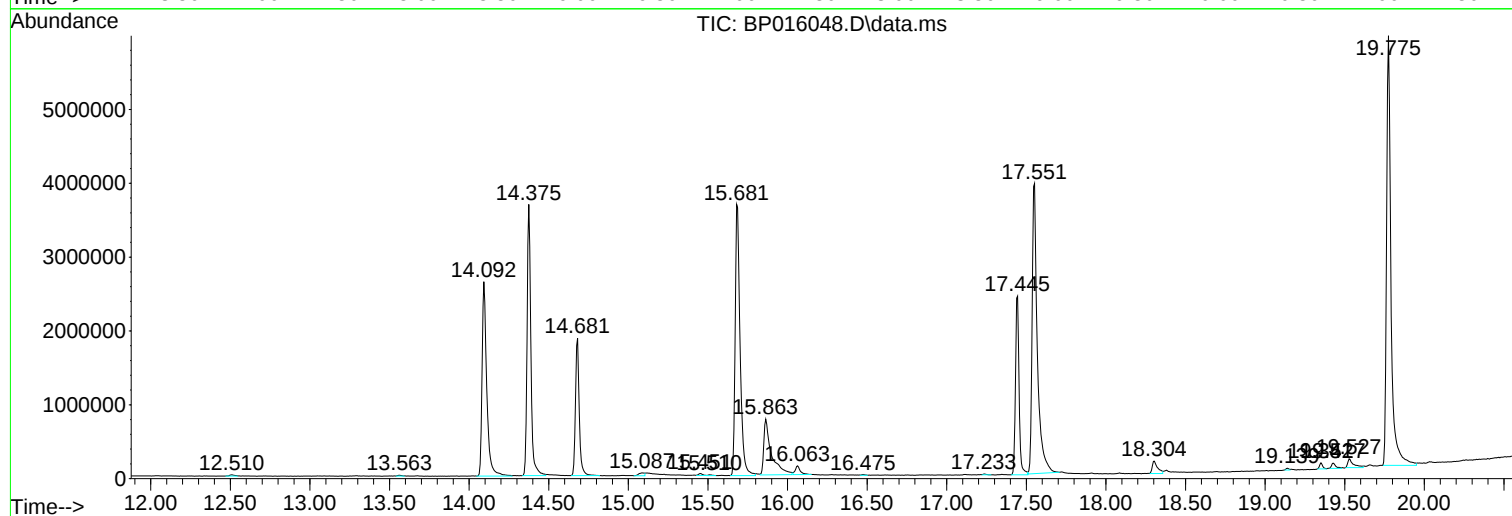
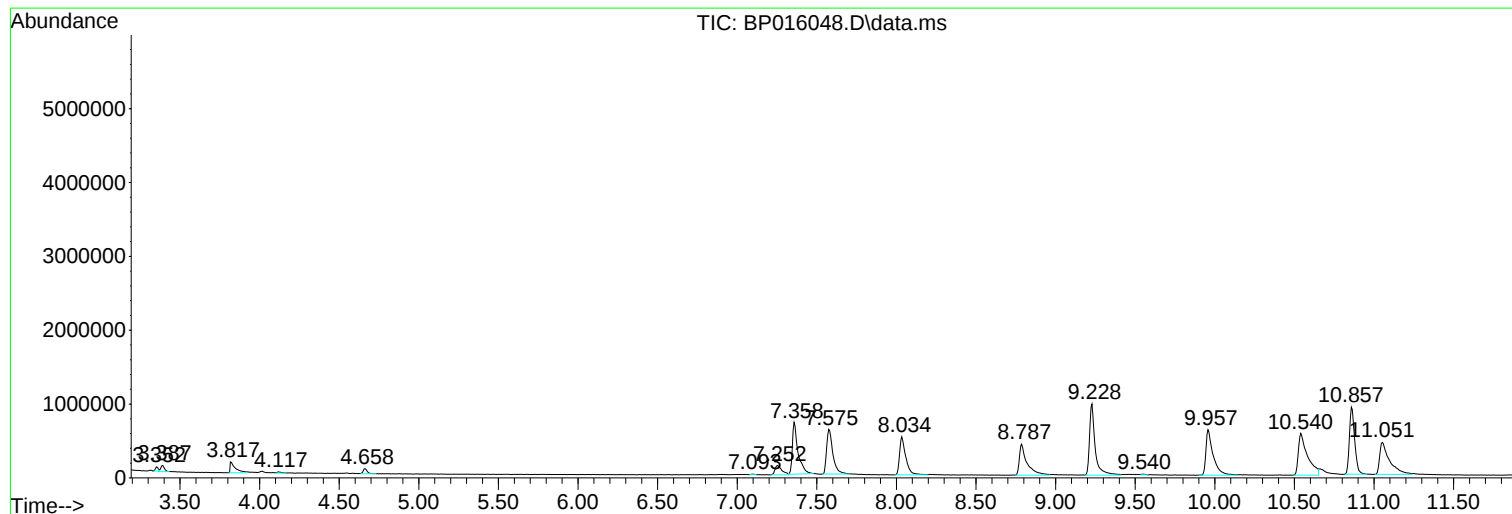
Sum of corrected areas: 85518799

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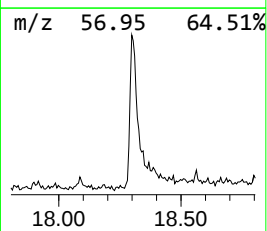
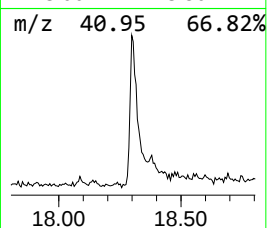
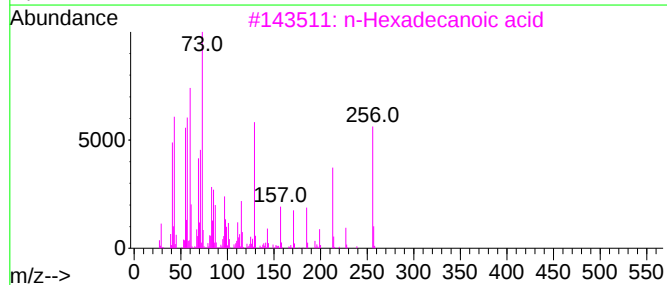
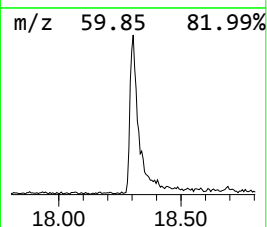
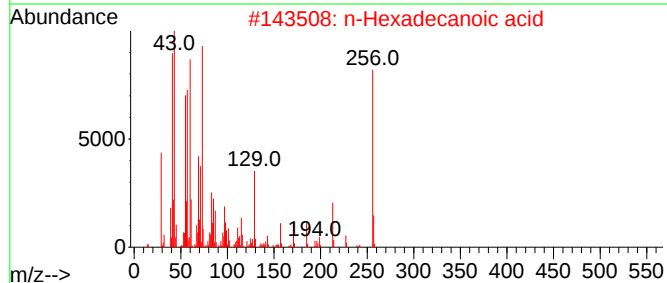
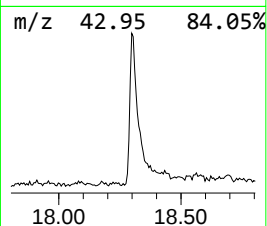
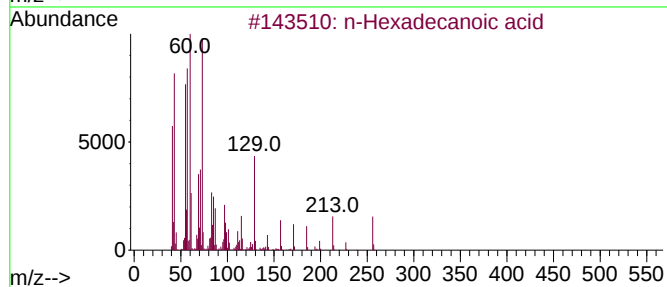
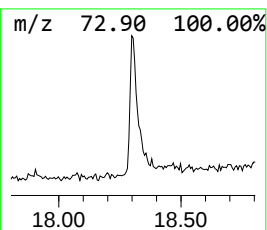
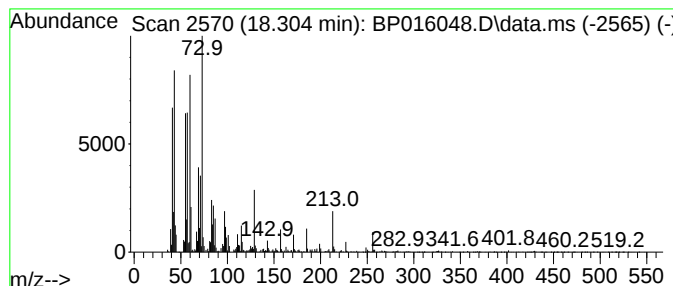
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.304 | 2.05 ng/ul | 391728 | 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 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.304 | 2.0     | ng/ul | 391728   | 4                     | 17.445 | 3830450 | 20.0 |