

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110923\  
 Data File : BP018006.D  
 Acq On : 10 Nov 2023 01:12  
 Operator : MA/JU  
 Sample : 05082-13  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BH343

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-BP110923.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP018006.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         | 3.246       | 24            | 27          | 33           | rVB      | 13848          | 16853         | 0.62%           | 0.081%        |
| 2         | 3.687       | 99            | 102         | 116          | rBV      | 66725          | 125135        | 4.62%           | 0.598%        |
| 3         | 3.864       | 129           | 132         | 136          | rVB3     | 6791           | 9120          | 0.34%           | 0.044%        |
| 4         | 3.981       | 149           | 152         | 156          | rVB3     | 3692           | 4600          | 0.17%           | 0.022%        |
| 5         | 4.411       | 223           | 225         | 229          | rVB4     | 2127           | 2859          | 0.11%           | 0.014%        |
| 6         | 6.775       | 624           | 627         | 631          | rVB6     | 1979           | 3155          | 0.12%           | 0.015%        |
| 7         | 7.034       | 666           | 671         | 685          | rBV      | 53419          | 120459        | 4.45%           | 0.576%        |
| 8         | 7.210       | 695           | 701         | 712          | rBV      | 229294         | 385741        | 14.24%          | 1.843%        |
| 9         | 7.387       | 724           | 731         | 746          | rBV      | 249616         | 442396        | 16.33%          | 2.114%        |
| 10        | 7.863       | 805           | 812         | 823          | rBV      | 222577         | 375087        | 13.85%          | 1.792%        |
| 11        | 8.587       | 926           | 935         | 951          | rBV      | 172448         | 362953        | 13.40%          | 1.734%        |
| 12        | 9.069       | 1007          | 1017        | 1027         | rBV      | 316132         | 550767        | 20.33%          | 2.632%        |
| 13        | 9.781       | 1130          | 1138        | 1149         | rBV      | 264718         | 483887        | 17.86%          | 2.312%        |
| 14        | 10.310      | 1221          | 1228        | 1251         | rBV      | 310684         | 639566        | 23.61%          | 3.056%        |
| 15        | 10.687      | 1285          | 1292        | 1301         | rBV      | 306911         | 525456        | 19.40%          | 2.511%        |
| 16        | 10.863      | 1314          | 1322        | 1338         | rBV      | 282338         | 597739        | 22.06%          | 2.856%        |
| 17        | 12.287      | 1560          | 1564        | 1566         | rBV5     | 3764           | 5106          | 0.19%           | 0.024%        |
| 18        | 13.381      | 1743          | 1750        | 1755         | rBV10    | 5934           | 13007         | 0.48%           | 0.062%        |
| 19        | 13.957      | 1841          | 1848        | 1865         | rBV      | 813868         | 1215169       | 44.86%          | 5.807%        |
| 20        | 14.240      | 1887          | 1896        | 1907         | rBV      | 825765         | 1242476       | 45.86%          | 5.938%        |
| 21        | 14.540      | 1940          | 1947        | 1957         | rVB      | 475960         | 700918        | 25.87%          | 3.350%        |
| 22        | 14.834      | 1991          | 1997        | 2006         | rBV5     | 20014          | 64587         | 2.38%           | 0.309%        |
| 23        | 15.187      | 2052          | 2057        | 2059         | rBV6     | 2360           | 3590          | 0.13%           | 0.017%        |
| 24        | 15.216      | 2059          | 2062        | 2065         | rVB5     | 2550           | 3170          | 0.12%           | 0.015%        |
| 25        | 15.363      | 2082          | 2087        | 2094         | rBV2     | 11295          | 20219         | 0.75%           | 0.097%        |
| 26        | 15.539      | 2110          | 2117        | 2134         | rBV      | 1186002        | 1697016       | 62.64%          | 8.110%        |
| 27        | 15.692      | 2137          | 2143        | 2155         | rVV      | 443886         | 658759        | 24.32%          | 3.148%        |
| 28        | 15.781      | 2156          | 2158        | 2163         | rVB5     | 7632           | 10098         | 0.37%           | 0.048%        |
| 29        | 15.957      | 2183          | 2188        | 2193         | rVB4     | 9340           | 13963         | 0.52%           | 0.067%        |
| 30        | 16.016      | 2196          | 2198        | 2203         | rVB5     | 1721           | 2812          | 0.10%           | 0.013%        |
| 31        | 16.075      | 2203          | 2208        | 2210         | rBV5     | 2335           | 3534          | 0.13%           | 0.017%        |
| 32        | 16.986      | 2359          | 2363        | 2368         | rBV8     | 3133           | 5703          | 0.21%           | 0.027%        |
| 33        | 17.116      | 2382          | 2385        | 2388         | rVB5     | 2464           | 2895          | 0.11%           | 0.014%        |
| 34        | 17.316      | 2413          | 2419        | 2428         | rBV      | 619140         | 885331        | 32.68%          | 4.231%        |
| 35        | 17.422      | 2431          | 2437        | 2452         | rVB      | 1412029        | 2091747       | 77.21%          | 9.996%        |
| 36        | 17.575      | 2460          | 2463        | 2467         | rBV6     | 2485           | 3292          | 0.12%           | 0.016%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Start Thrs: 0.2

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Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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-BP110923.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 17.945 | 2522 | 2526 | 2530 | rBV7 | 3311    | 6093    | 0.22%   | 0.029%  |
| 38 | 18.163 | 2559 | 2563 | 2572 | rBV2 | 85114   | 118359  | 4.37%   | 0.566%  |
| 39 | 18.257 | 2576 | 2579 | 2583 | rVB  | 7673    | 10420   | 0.38%   | 0.050%  |
| 40 | 19.239 | 2742 | 2746 | 2750 | rBV2 | 19834   | 25082   | 0.93%   | 0.120%  |
| 41 | 19.310 | 2754 | 2758 | 2763 | rVB  | 18607   | 29495   | 1.09%   | 0.141%  |
| 42 | 19.404 | 2770 | 2774 | 2783 | rBV2 | 72773   | 106406  | 3.93%   | 0.508%  |
| 43 | 19.545 | 2795 | 2798 | 2801 | rBV5 | 6688    | 7381    | 0.27%   | 0.035%  |
| 44 | 19.669 | 2813 | 2819 | 2827 | rBV  | 1916780 | 2573689 | 95.00%  | 12.299% |
| 45 | 21.445 | 3116 | 3121 | 3129 | rBV  | 738865  | 1000978 | 36.95%  | 4.783%  |
| 46 | 23.786 | 3511 | 3519 | 3529 | rVB2 | 1366410 | 2709028 | 100.00% | 12.946% |
| 47 | 23.951 | 3541 | 3547 | 3557 | rVB  | 510334  | 1049787 | 38.75%  | 5.017%  |

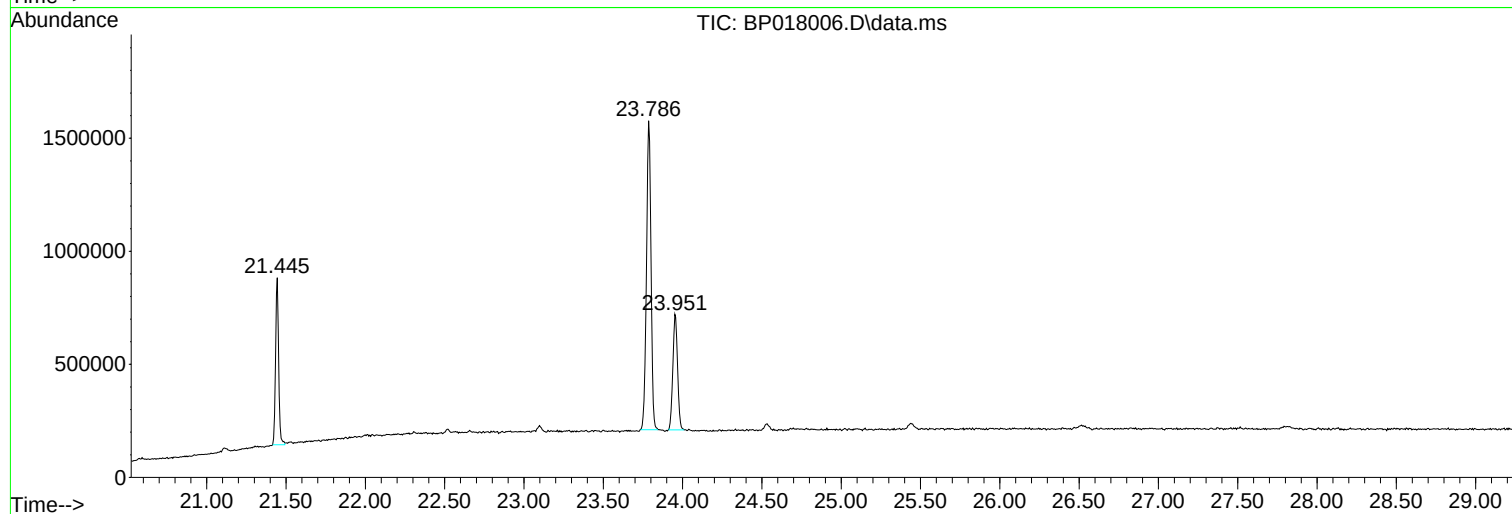
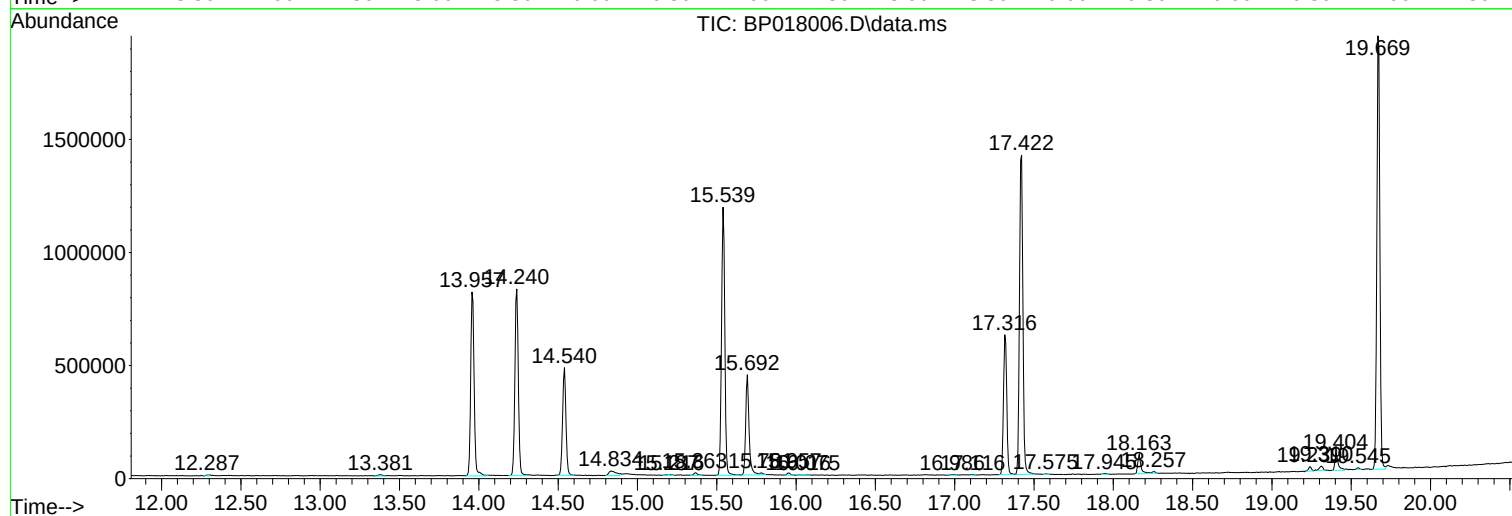
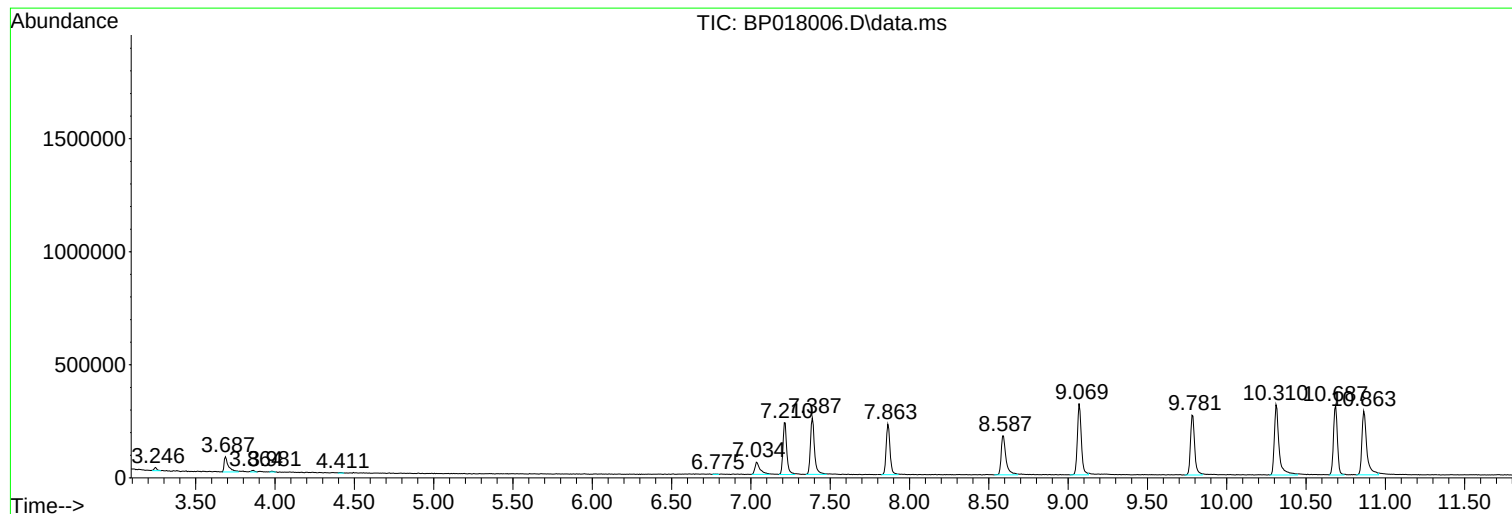
Sum of corrected areas: 20925883

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110923.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-BP110923.MA.M  
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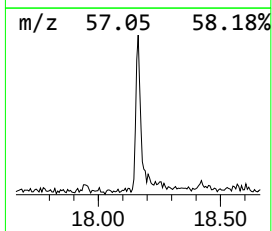
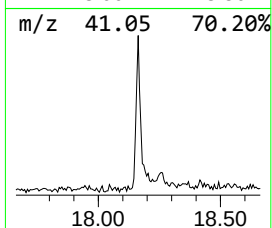
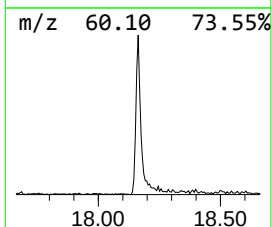
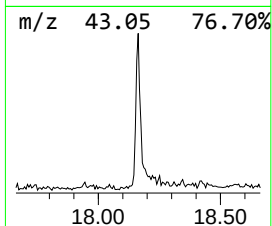
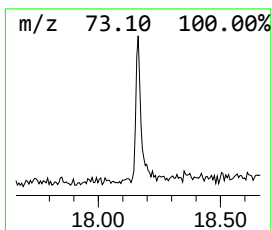
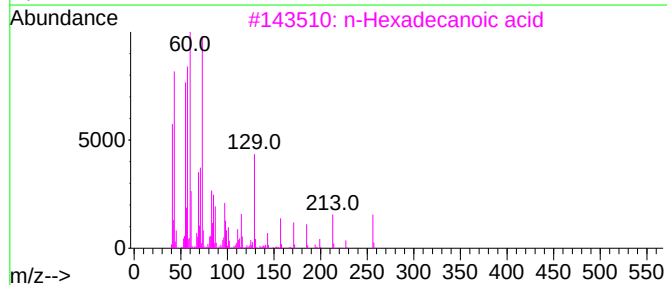
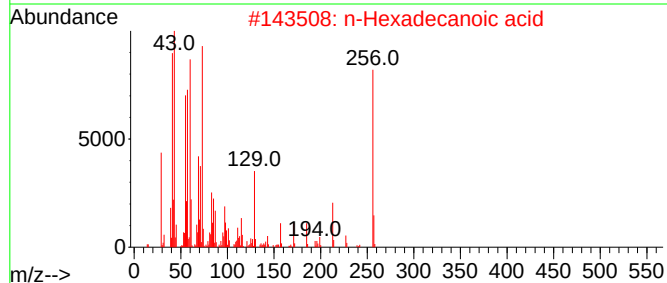
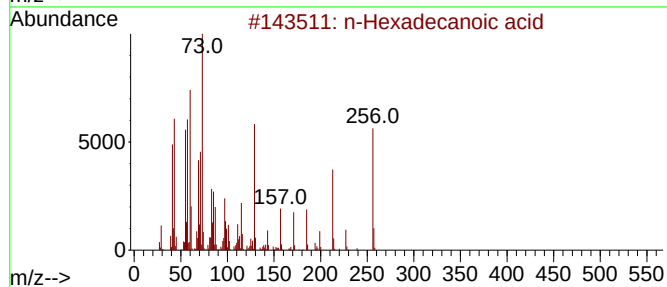
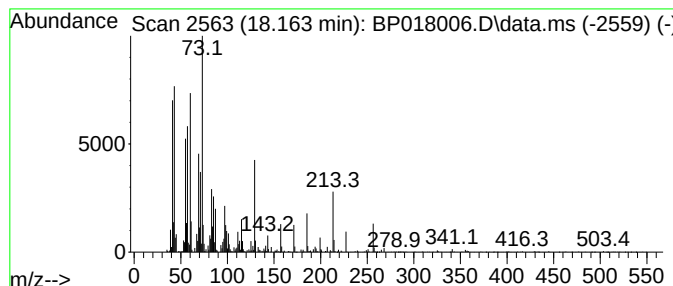
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.163 | 2.67 ng/ul | 118359 | Phenanthrene-d10 | 17.316 |

| 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 | 95   |
| 4    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 5    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 89   |



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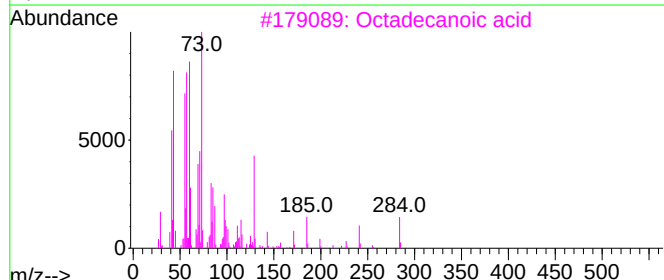
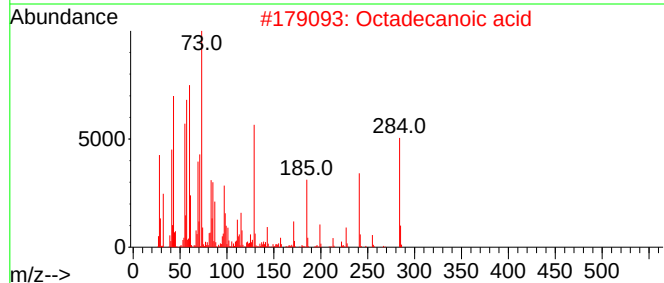
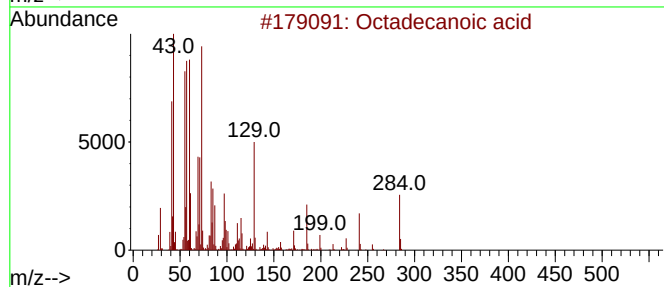
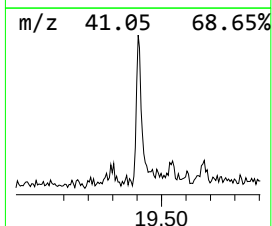
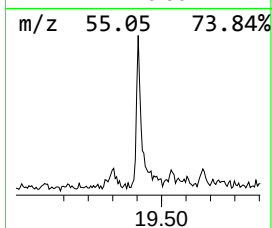
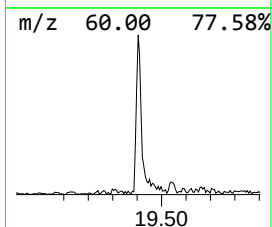
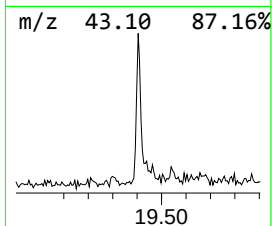
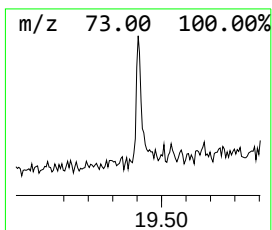
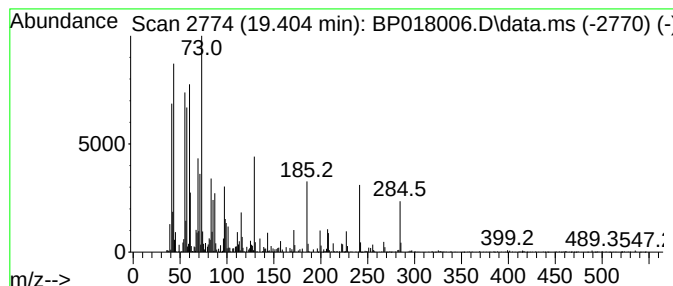
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110923.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Octadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.404 | 2.13 ng/ul | 106406 | Chrysene-d12     | 21.445 |

| 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 | 98   |
| 3    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98   |
| 4    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95   |
| 5    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 93   |



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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 ... | 18.163 | 2.7     | ng/ul | 118359   | 4                     | 17.316 | 885331  | 20.0 |
| Octadecanoic acid  | 19.404 | 2.1     | ng/ul | 106406   | 5                     | 21.445 | 1000980 | 20.0 |