

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060221\  
 Data File : BM030268.D  
 Acq On : 02 Jun 2021 20:30  
 Operator : CG/JU  
 Sample : M2568-06  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0GN3

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\_M\METHODS\SFAM-EPA-BM052621.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM030268.D

| 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         | 3.293       | 30            | 35          | 61           | rVB      | 34991199       | 72225442      | 100.00%         | 53.810%       |
| 2         | 3.746       | 108           | 112         | 133          | rBV      | 142946         | 339094        | 0.47%           | 0.253%        |
| 3         | 4.163       | 178           | 183         | 191          | rVB      | 181686         | 252310        | 0.35%           | 0.188%        |
| 4         | 4.593       | 250           | 256         | 265          | rVB      | 282546         | 406847        | 0.56%           | 0.303%        |
| 5         | 7.016       | 660           | 668         | 678          | rBV2     | 179000         | 346839        | 0.48%           | 0.258%        |
| 6         | 7.187       | 691           | 697         | 713          | rBV      | 831381         | 1351502       | 1.87%           | 1.007%        |
| 7         | 7.392       | 724           | 732         | 740          | rBV      | 732591         | 1198815       | 1.66%           | 0.893%        |
| 8         | 7.857       | 804           | 811         | 819          | rBV      | 814761         | 1313027       | 1.82%           | 0.978%        |
| 9         | 8.551       | 921           | 929         | 941          | rBV      | 562515         | 876767        | 1.21%           | 0.653%        |
| 10        | 9.010       | 1000          | 1007        | 1015         | rBV      | 965299         | 1612479       | 2.23%           | 1.201%        |
| 11        | 9.733       | 1119          | 1130        | 1146         | rBV      | 666111         | 1102388       | 1.53%           | 0.821%        |
| 12        | 10.263      | 1213          | 1220        | 1231         | rBV      | 1098403        | 1819666       | 2.52%           | 1.356%        |
| 13        | 10.651      | 1278          | 1286        | 1294         | rBV      | 1180662        | 1994214       | 2.76%           | 1.486%        |
| 14        | 10.780      | 1297          | 1308        | 1325         | rBV      | 1129817        | 1932555       | 2.68%           | 1.440%        |
| 15        | 13.886      | 1830          | 1836        | 1841         | rBV      | 2414618        | 3377202       | 4.68%           | 2.516%        |
| 16        | 13.933      | 1841          | 1844        | 1854         | rVB      | 215688         | 290695        | 0.40%           | 0.217%        |
| 17        | 14.174      | 1873          | 1885        | 1901         | rBV      | 2857211        | 4078955       | 5.65%           | 3.039%        |
| 18        | 14.480      | 1930          | 1937        | 1946         | rBV      | 1980378        | 2875616       | 3.98%           | 2.142%        |
| 19        | 14.657      | 1960          | 1967        | 1973         | rBV      | 141694         | 213431        | 0.30%           | 0.159%        |
| 20        | 15.468      | 2099          | 2105        | 2116         | rBV      | 3752630        | 5423030       | 7.51%           | 4.040%        |
| 21        | 15.580      | 2118          | 2124        | 2138         | rBV      | 1002985        | 1345839       | 1.86%           | 1.003%        |
| 22        | 17.215      | 2395          | 2402        | 2412         | rBV      | 2374903        | 3314104       | 4.59%           | 2.469%        |
| 23        | 17.315      | 2412          | 2419        | 2429         | rBV      | 4465875        | 6186390       | 8.57%           | 4.609%        |
| 24        | 18.098      | 2547          | 2552        | 2562         | rBV      | 246644         | 381791        | 0.53%           | 0.284%        |
| 25        | 19.233      | 2740          | 2745        | 2753         | rBV      | 64277          | 104125        | 0.14%           | 0.078%        |
| 26        | 19.374      | 2765          | 2769        | 2775         | rBV4     | 52966          | 74405         | 0.10%           | 0.055%        |
| 27        | 19.598      | 2801          | 2807        | 2820         | rBV      | 5263217        | 7035240       | 9.74%           | 5.241%        |
| 28        | 21.080      | 3055          | 3059        | 3069         | rBV      | 728514         | 1036107       | 1.43%           | 0.772%        |
| 29        | 21.374      | 3104          | 3109        | 3117         | rVV      | 2591563        | 3199692       | 4.43%           | 2.384%        |
| 30        | 23.515      | 3466          | 3473        | 3483         | rBV2     | 2999371        | 5645593       | 7.82%           | 4.206%        |
| 31        | 23.662      | 3491          | 3498        | 3509         | rVB2     | 1499903        | 2869034       | 3.97%           | 2.138%        |

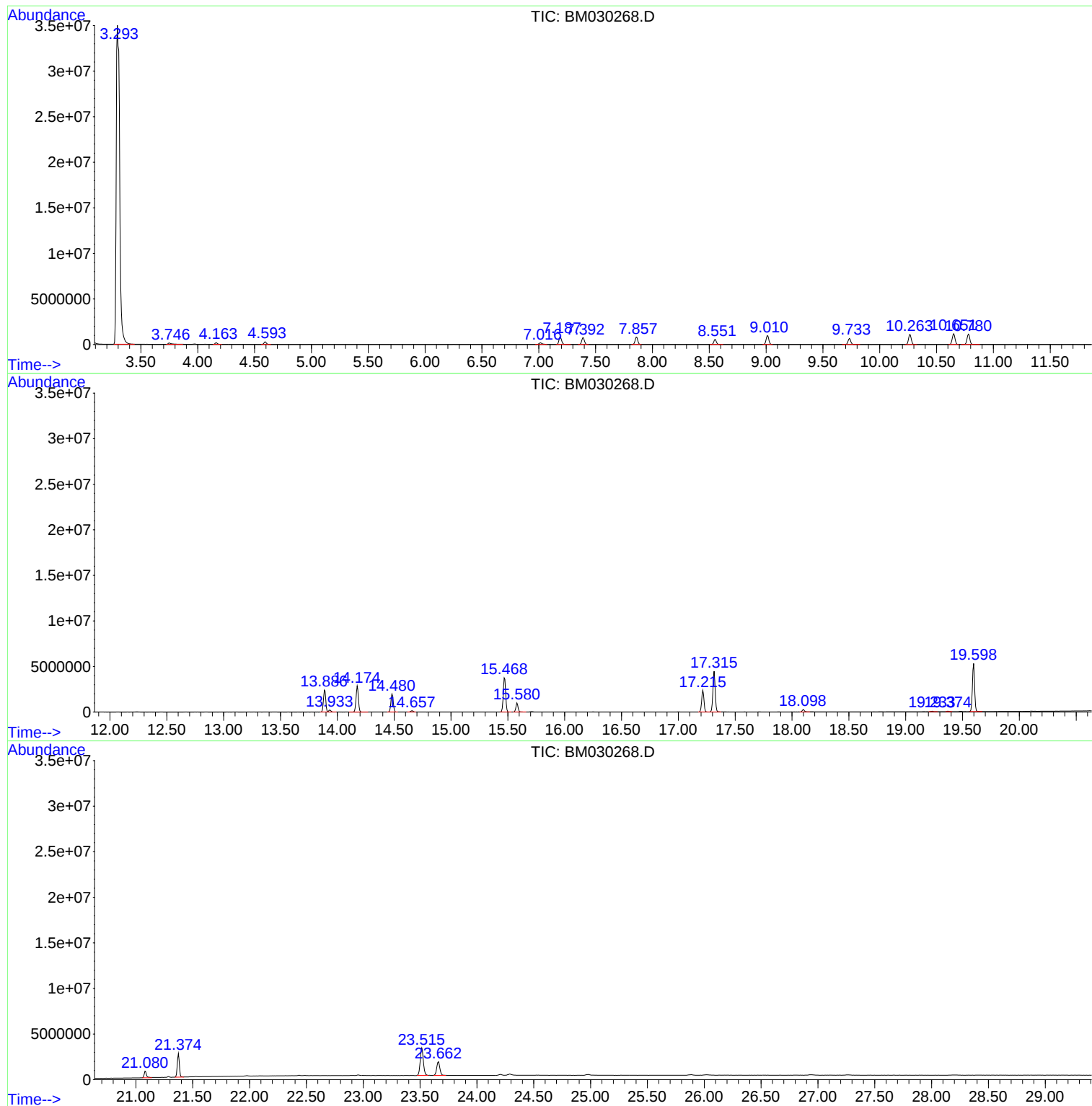
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM052621.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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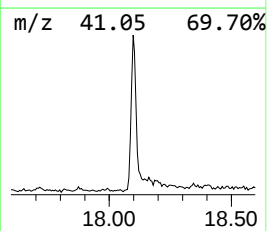
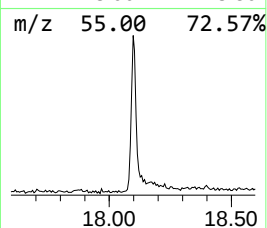
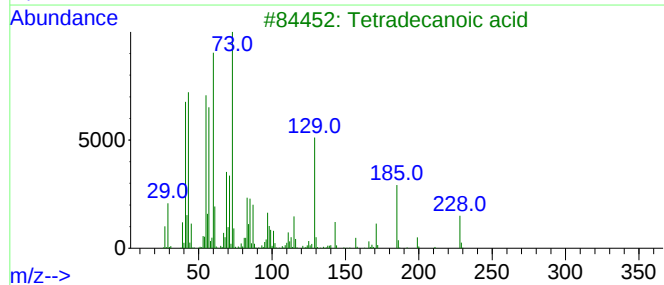
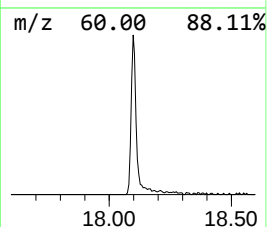
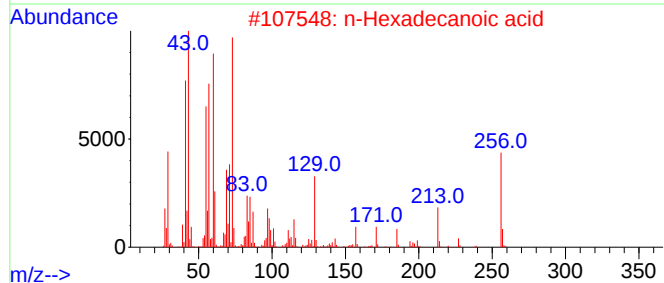
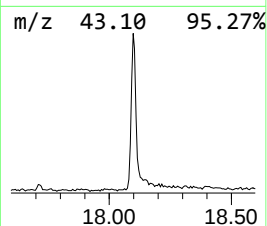
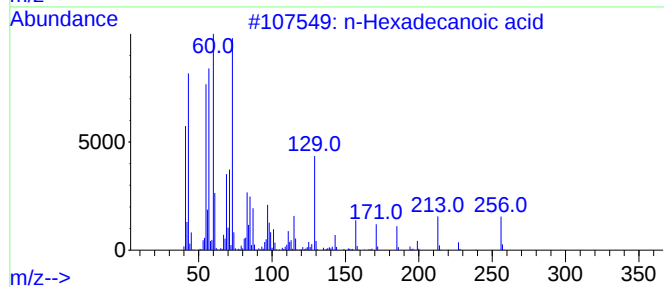
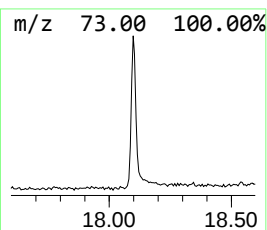
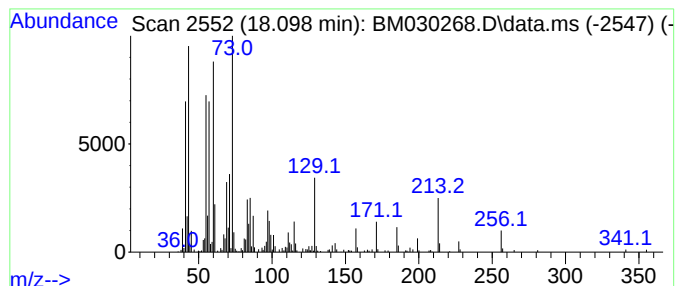
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.100 | 2.30 ng/ul | 381791 | Phenanthrene-d10 | 17.215 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |



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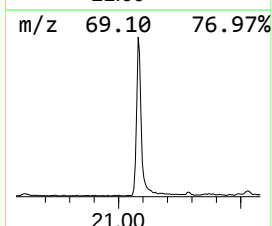
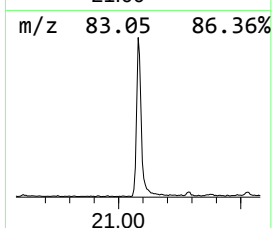
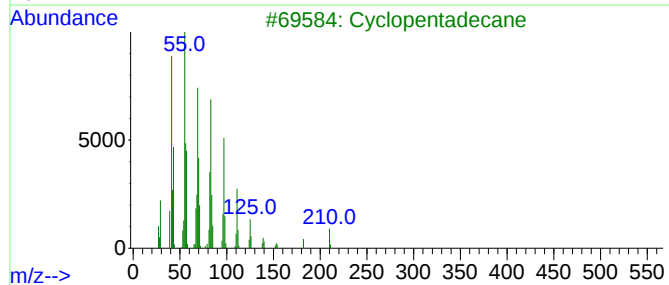
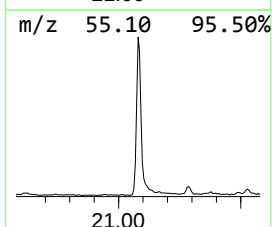
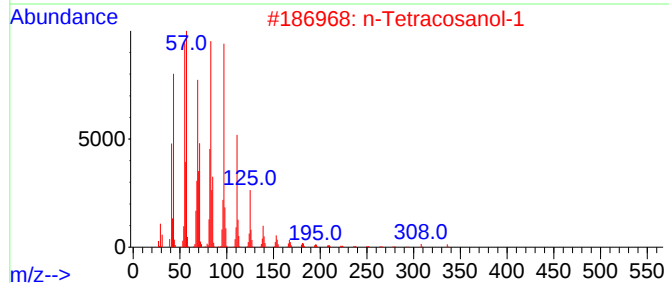
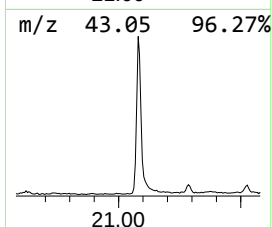
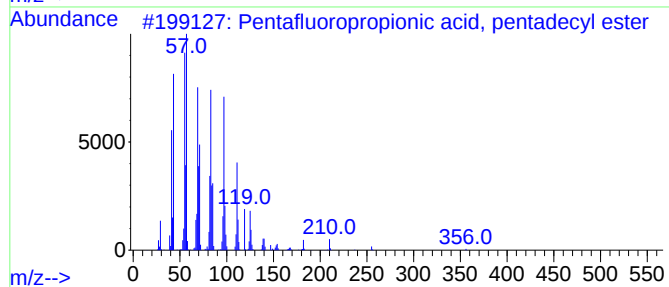
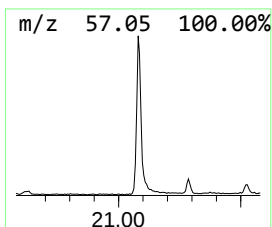
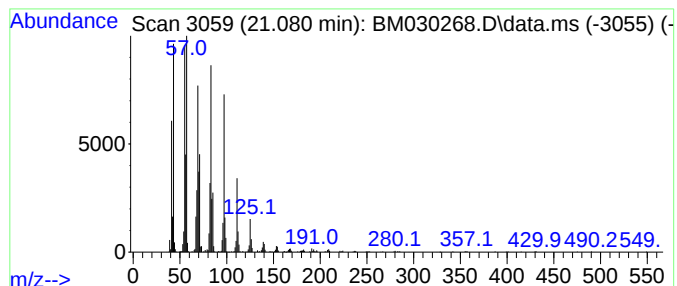
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Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.080 | 6.48 ng/ul | 1036110 | Chrysene-d12     | 21.374 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94   |
| 2    |    |   | n-Tetracosanol-1                    | 354 | C24H50O    | 000506-51-4 | 94   |
| 3    |    |   | Cyclopentadecane                    | 210 | C15H30     | 000295-48-7 | 92   |
| 4    |    |   | 3-Eicosene, (E)-                    | 280 | C20H40     | 074685-33-9 | 91   |
| 5    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.100 | 2.3     | ng/ul | 381791   | 4                     | 17.215 | 3314100 | 20.0 |
| Pentafluoroprop... | 21.080 | 6.5     | ng/ul | 1036110  | 5                     | 21.374 | 3199690 | 20.0 |