

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082123\  
 Data File : BG058797.D  
 Acq On : 21 Aug 2023 17:14  
 Operator : MA/JU  
 Sample : 04086-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-PP14B

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_G\Methods\8270-BG081823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058797.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         | 5.383       | 383           | 390         | 405          | rBV      | 529118         | 832545        | 40.55%          | 9.016%        |
| 2         | 6.981       | 655           | 662         | 675          | rBV      | 508228         | 884844        | 43.09%          | 9.583%        |
| 3         | 7.809       | 793           | 803         | 811          | rBV      | 91773          | 152246        | 7.41%           | 1.649%        |
| 4         | 8.973       | 993           | 1001        | 1021         | rBV      | 280842         | 534172        | 26.02%          | 5.785%        |
| 5         | 10.612      | 1269          | 1280        | 1296         | rBV      | 113442         | 226596        | 11.04%          | 2.454%        |
| 6         | 13.074      | 1692          | 1699        | 1711         | rBV      | 740231         | 1217187       | 59.28%          | 13.182%       |
| 7         | 14.455      | 1928          | 1934        | 1944         | rBV      | 201728         | 330837        | 16.11%          | 3.583%        |
| 8         | 15.947      | 2181          | 2188        | 2208         | rBV      | 645717         | 1106907       | 53.91%          | 11.987%       |
| 9         | 17.204      | 2396          | 2402        | 2418         | rBV      | 277188         | 450984        | 21.96%          | 4.884%        |
| 10        | 18.091      | 2548          | 2553        | 2560         | rBV3     | 32908          | 57514         | 2.80%           | 0.623%        |
| 11        | 19.819      | 2841          | 2847        | 2862         | rBV      | 1499555        | 2053274       | 100.00%         | 22.236%       |
| 12        | 21.094      | 3059          | 3064        | 3075         | rBV      | 87952          | 162536        | 7.92%           | 1.760%        |
| 13        | 21.329      | 3098          | 3104        | 3108         | rBV      | 84054          | 105983        | 5.16%           | 1.148%        |
| 14        | 21.446      | 3117          | 3124        | 3141         | rVB      | 283226         | 481958        | 23.47%          | 5.219%        |
| 15        | 22.187      | 3245          | 3250        | 3254         | rBV2     | 13124          | 21963         | 1.07%           | 0.238%        |
| 16        | 22.545      | 3306          | 3311        | 3316         | rBV2     | 16803          | 27951         | 1.36%           | 0.303%        |
| 17        | 22.845      | 3357          | 3362        | 3372         | rVB5     | 12726          | 31872         | 1.55%           | 0.345%        |
| 18        | 23.597      | 3484          | 3490        | 3499         | rVB5     | 11316          | 24607         | 1.20%           | 0.266%        |
| 19        | 24.519      | 3635          | 3647        | 3664         | rBV      | 169535         | 529910        | 25.81%          | 5.739%        |

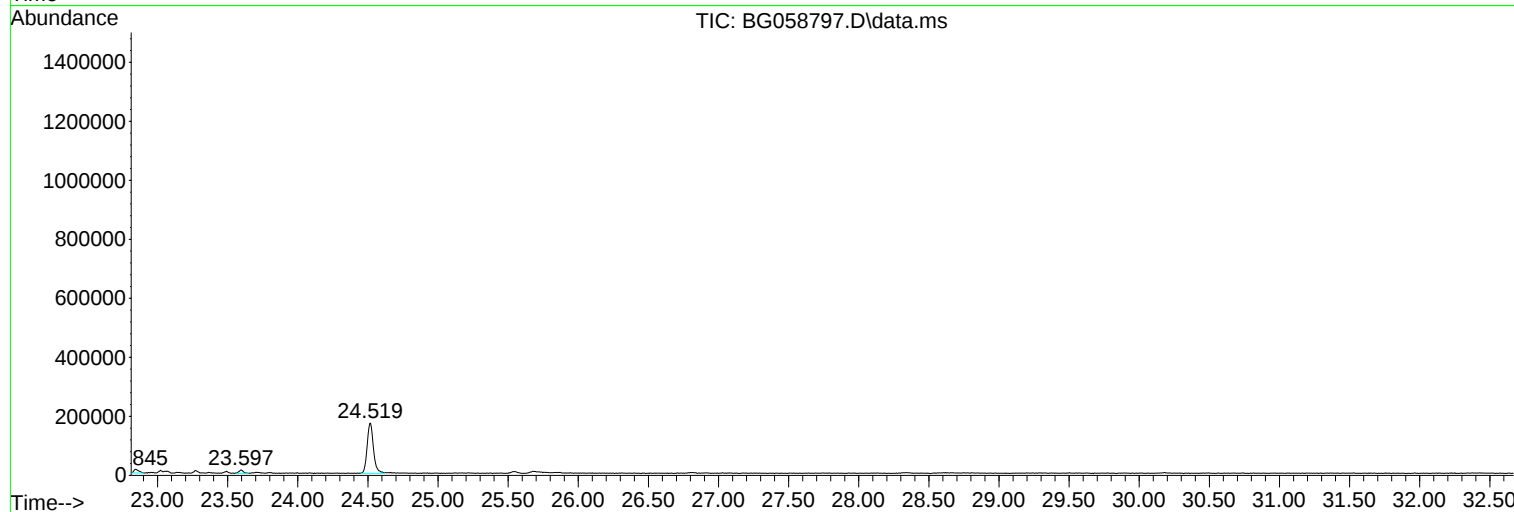
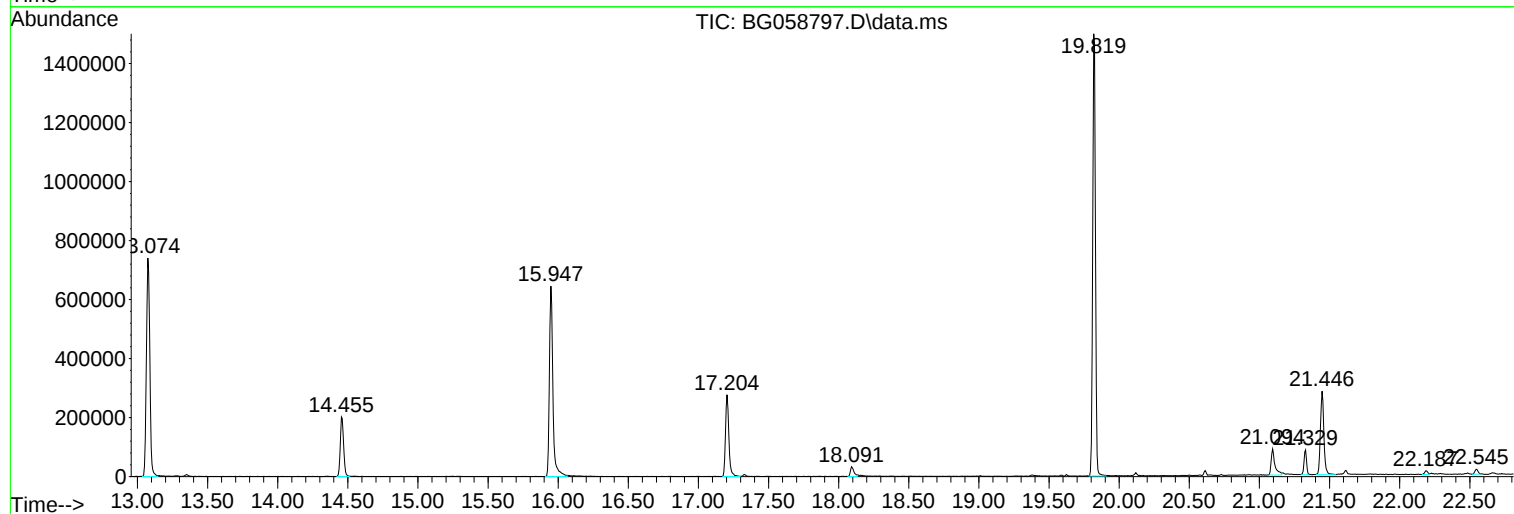
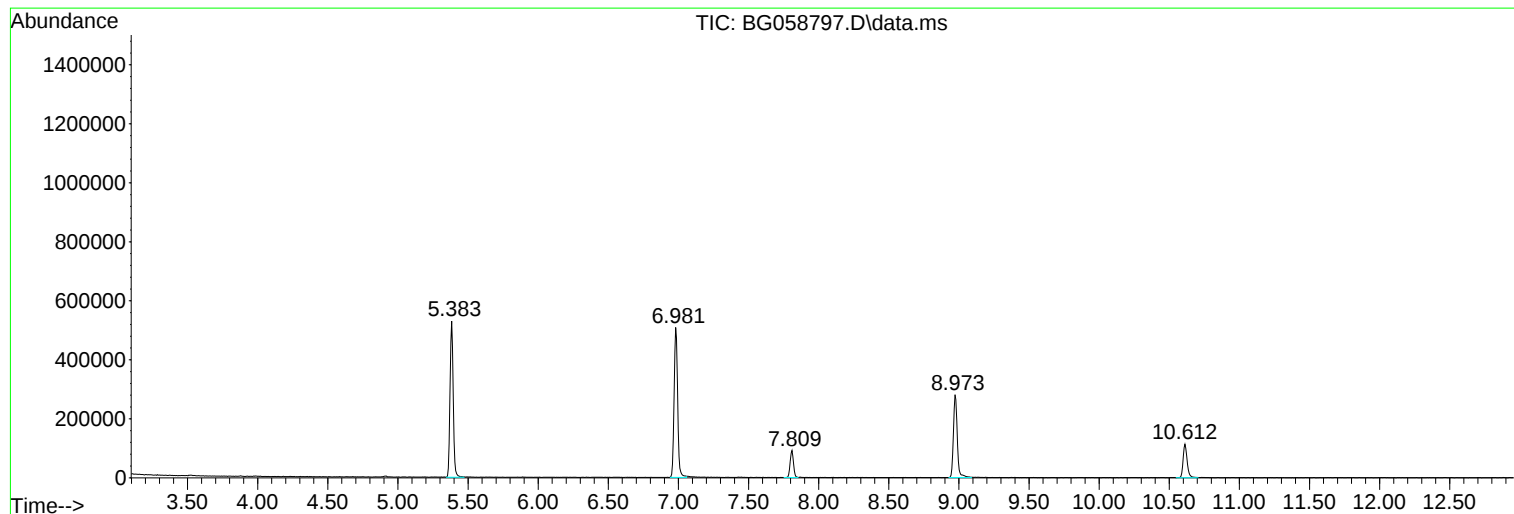
Sum of corrected areas: 9233886

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Instrument :  
BNA\_G  
ClientSampleId :  
B-PP14B

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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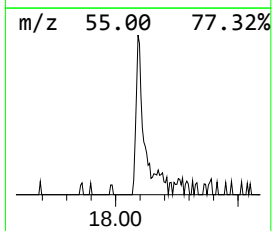
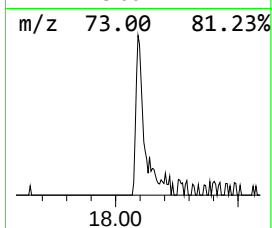
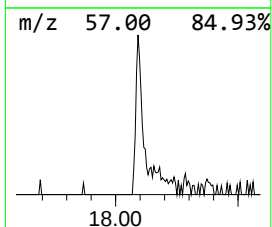
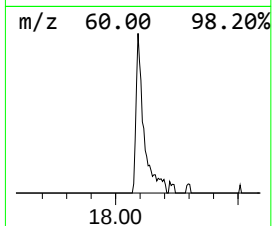
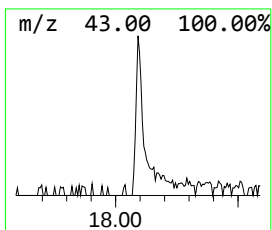
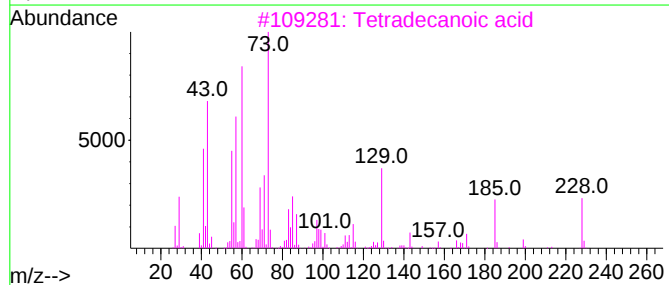
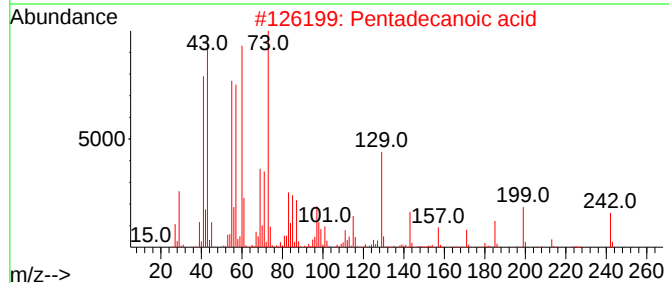
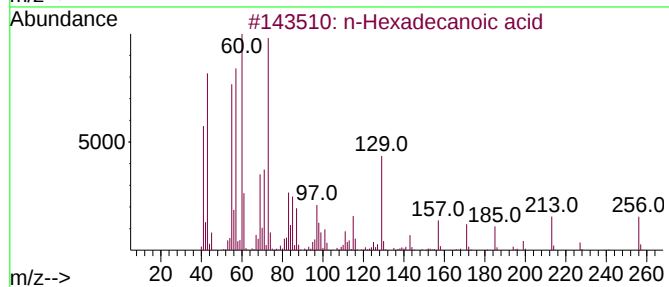
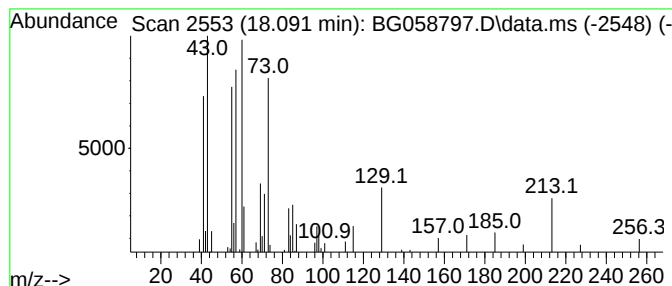
TIC Library : C:\Database\NIST20.L  
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 18.092 | 2.55 ng | 57514 | Phenanthrene-d10 | 17.204 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 53   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 49   |



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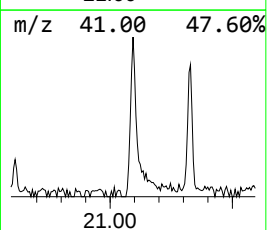
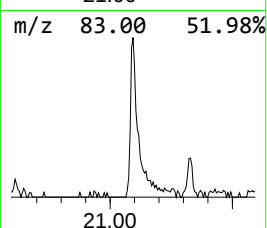
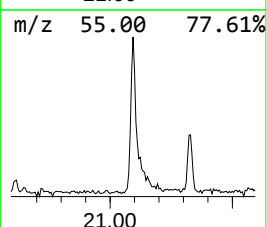
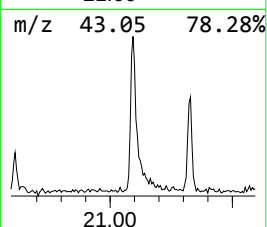
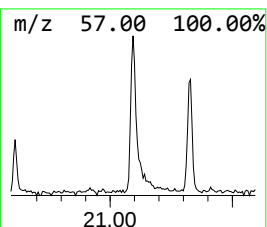
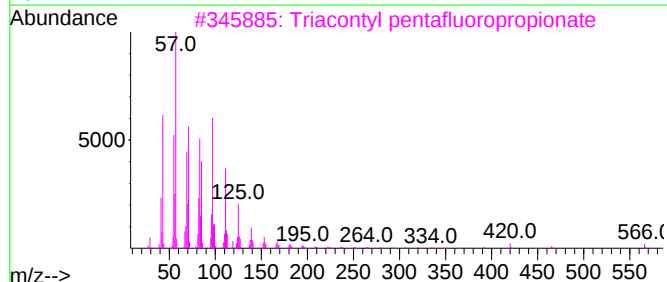
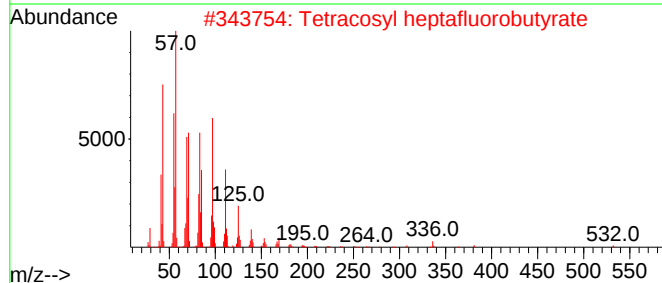
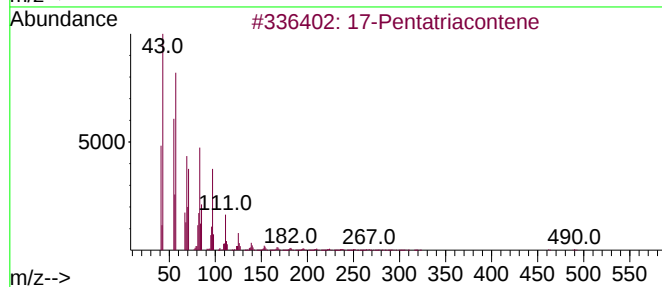
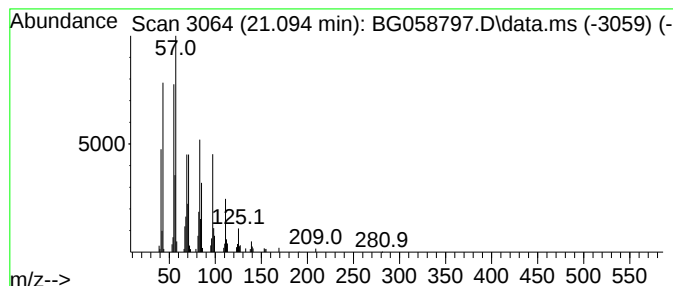
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Peak Number 2 17-Pentatriacontene Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.094 | 6.74 ng | 162536 | Chrysene-d12     | 21.446 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm    | CAS#         | Qual |
|------|----|---|---------------------------------|-----|------------|--------------|------|
| 1    |    |   | 17-Pentatriacontene             | 491 | C35H70     | 006971-40-0  | 91   |
| 2    |    |   | Tetracosyl heptafluorobutyrate  | 550 | C28H49F7O2 | 1000351-83-7 | 91   |
| 3    |    |   | Triacetyl pentafluoropropionate | 584 | C33H61F5O2 | 1000351-80-0 | 91   |
| 4    |    |   | Tricosyl trifluoroacetate       | 436 | C25H47F3O2 | 1000351-75-1 | 91   |
| 5    |    |   | Triacetyl heptafluorobutyrate   | 634 | C34H61F7O2 | 1000351-83-2 | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexadecanoic ... | 18.092 | 2.5     | ng    | 57514    | 4                     | 17.204 | 450984 | 20.0 |
| 17-Pentatriacon... | 21.094 | 6.7     | ng    | 162536   | 5                     | 21.446 | 481958 | 20.0 |