

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012121\  
 Data File : BG047964.D  
 Acq On : 21 Jan 2021 22:05  
 Operator : CG/JU  
 Sample : M1191-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 0043-045-COMP-E

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-BG012121.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047964.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         | 5.700       | 394           | 402         | 411          | rBV      | 653818         | 1019137       | 44.21%          | 8.265%        |
| 2         | 7.292       | 665           | 673         | 683          | rVB      | 632418         | 1112409       | 48.26%          | 9.022%        |
| 3         | 8.150       | 812           | 819         | 825          | rBV      | 176502         | 297348        | 12.90%          | 2.412%        |
| 4         | 9.308       | 1008          | 1016        | 1026         | rBV      | 396561         | 686153        | 29.77%          | 5.565%        |
| 5         | 10.964      | 1290          | 1298        | 1306         | rBV      | 238197         | 417641        | 18.12%          | 3.387%        |
| 6         | 13.397      | 1705          | 1712        | 1720         | rVB      | 1014798        | 1526465       | 66.22%          | 12.380%       |
| 7         | 14.214      | 1845          | 1851        | 1856         | rBV      | 29876          | 41321         | 1.79%           | 0.335%        |
| 8         | 14.772      | 1939          | 1946        | 1953         | rVB      | 390004         | 625143        | 27.12%          | 5.070%        |
| 9         | 16.247      | 2189          | 2197        | 2207         | rBV      | 870848         | 1338837       | 58.08%          | 10.858%       |
| 10        | 17.510      | 2405          | 2412        | 2419         | rBV      | 522758         | 790603        | 34.30%          | 6.412%        |
| 11        | 18.391      | 2557          | 2562        | 2568         | rBV      | 99918          | 148546        | 6.44%           | 1.205%        |
| 12        | 19.660      | 2773          | 2778        | 2782         | rBV2     | 51646          | 72491         | 3.14%           | 0.588%        |
| 13        | 20.113      | 2849          | 2855        | 2861         | rBV      | 1818415        | 2305065       | 100.00%         | 18.695%       |
| 14        | 21.429      | 3074          | 3079        | 3088         | rBV3     | 123054         | 190202        | 8.25%           | 1.543%        |
| 15        | 21.793      | 3135          | 3141        | 3148         | rVB      | 531481         | 885127        | 38.40%          | 7.179%        |
| 16        | 25.101      | 3694          | 3704        | 3714         | rBV2     | 306650         | 873534        | 37.90%          | 7.085%        |

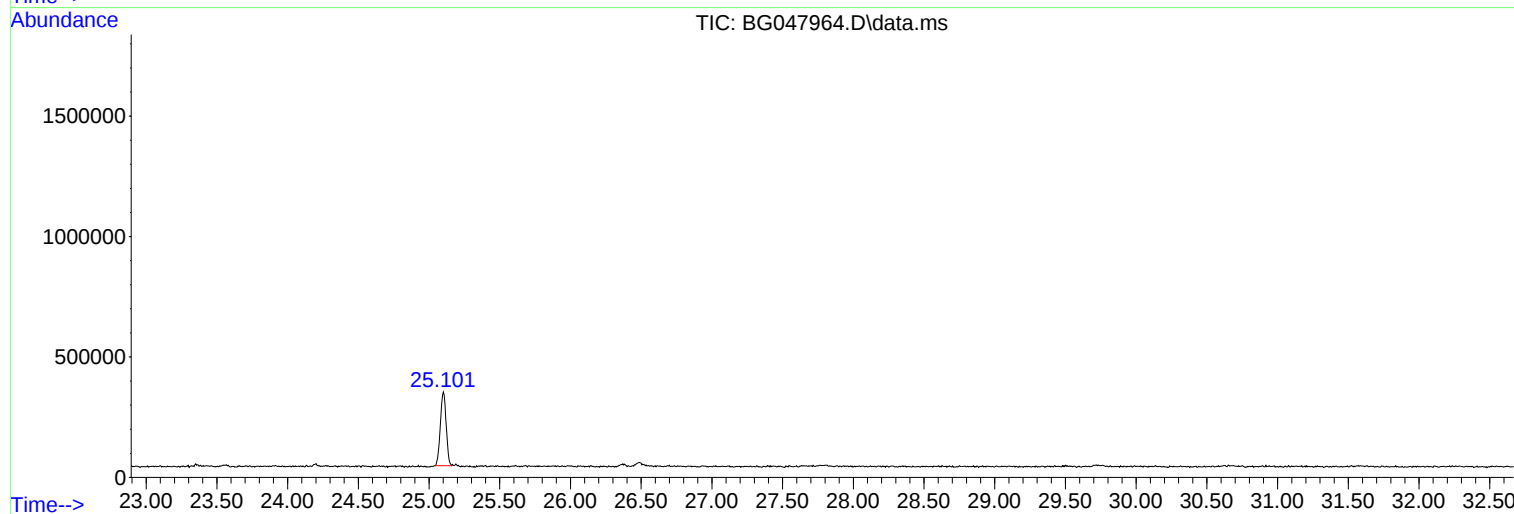
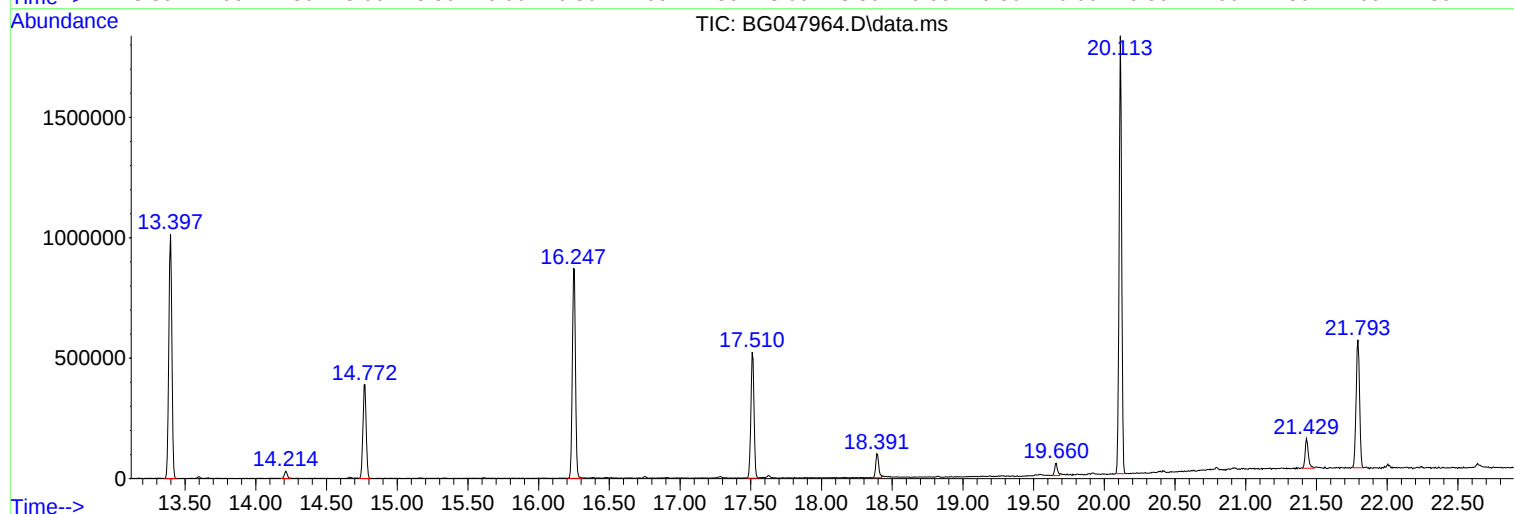
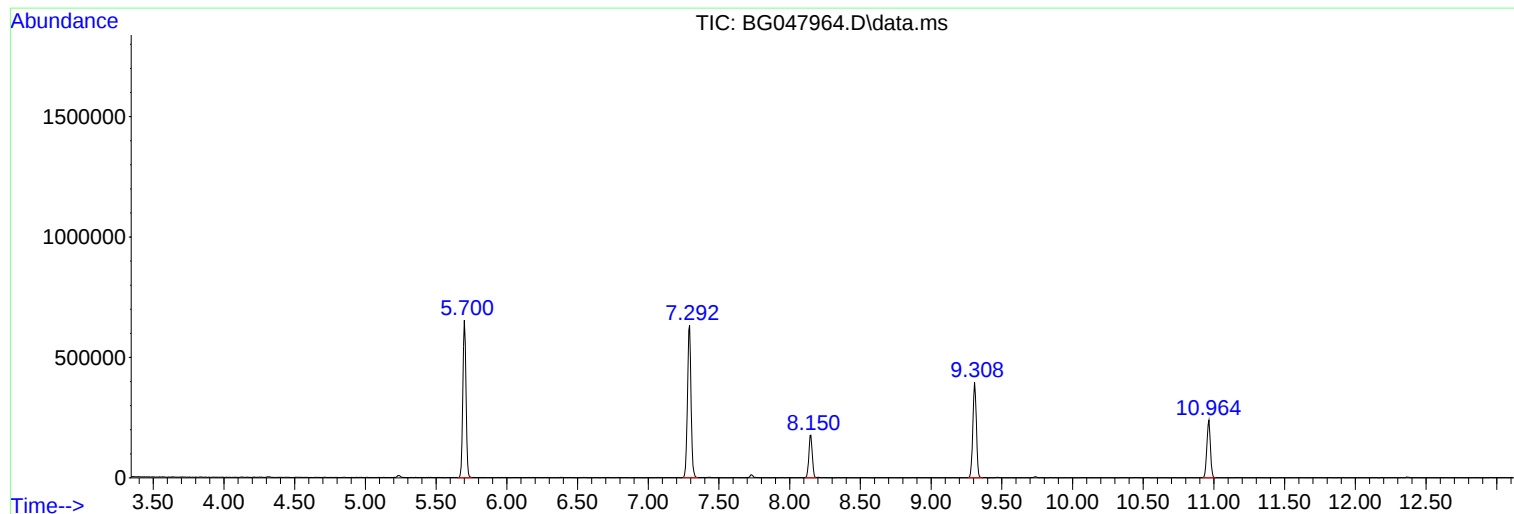
Sum of corrected areas: 12330022

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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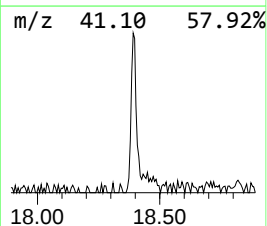
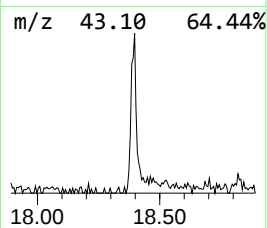
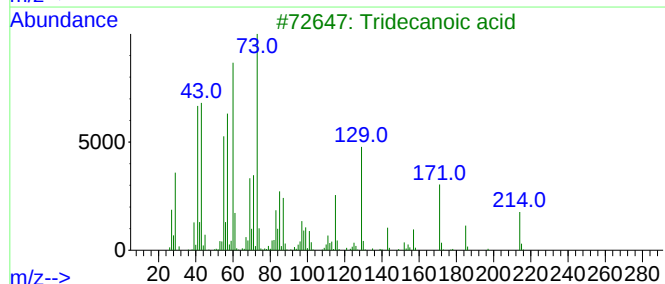
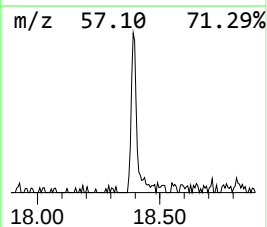
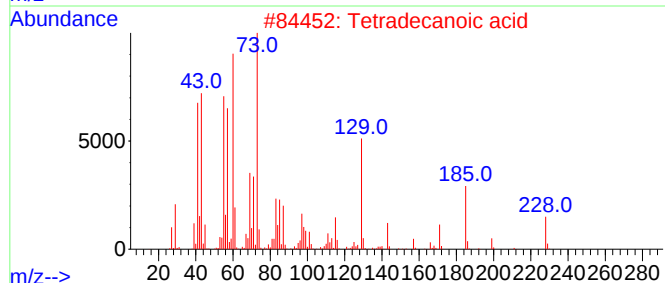
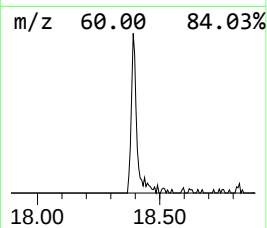
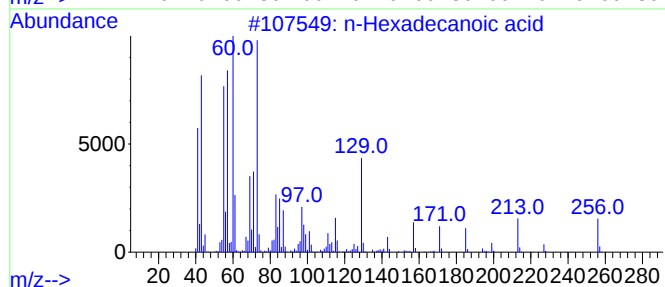
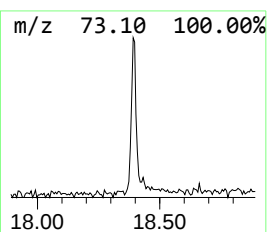
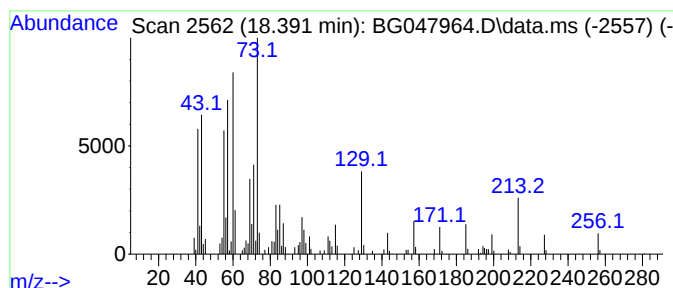
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.391 | 3.76 ng | 148546 | Phenanthrene-d10 | 17.510 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 95   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 83   |
| 4    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 70   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 64   |



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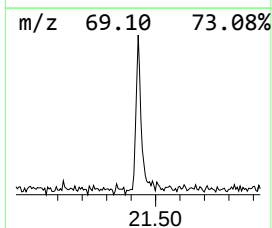
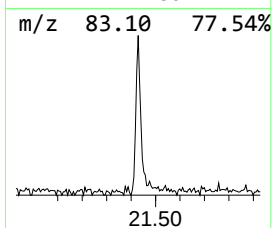
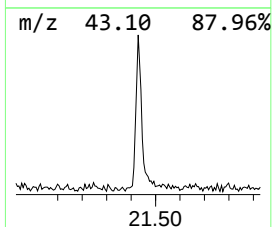
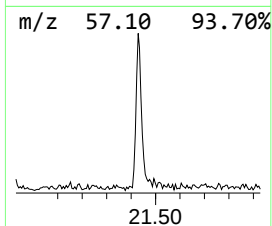
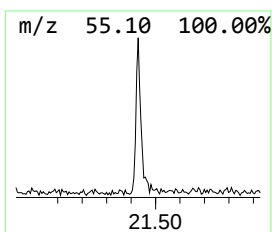
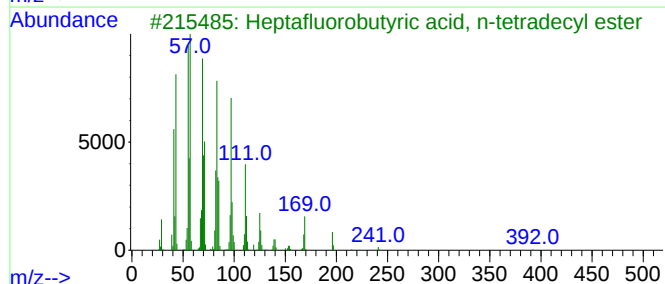
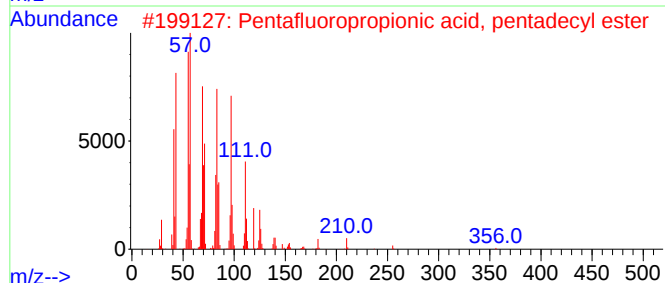
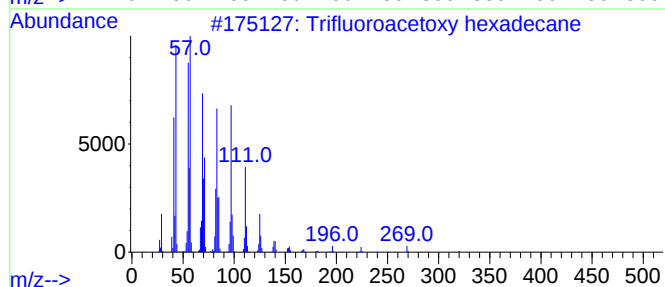
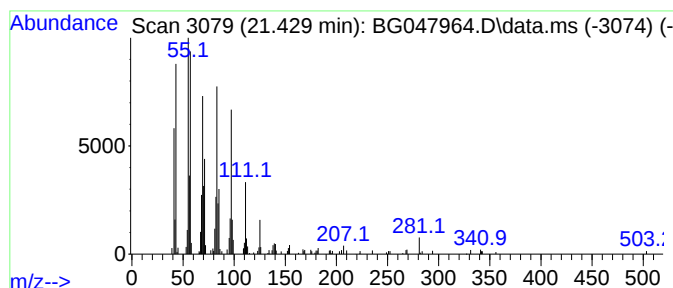
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Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.429 | 4.30 ng | 190202 | Chrysene-d12     | 21.793 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3  | 94   |
| 2    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1  | 94   |
| 3    |    |   | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8  | 91   |
| 4    |    |   | 10-Heneicosene (c,t)                | 294 | C21H42     | 095008-11-0  | 91   |
| 5    |    |   | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2 | 1000351-87-0 | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexadecanoic ... | 18.391 | 3.8     | ng    | 148546   | 4                     | 17.510 | 790603 | 20.0 |
| Trifluoroacetox... | 21.429 | 4.3     | ng    | 190202   | 5                     | 21.793 | 885127 | 20.0 |