

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\  
 Data File : BG044414.D  
 Acq On : 12 Feb 2020 18:29  
 Operator : CG/JU  
 Sample : L1491-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-2A-(18.5-20.5)

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-BG013020.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 5.479       | 400           | 407         | 422          | rBV      | 856807         | 1369341       | 35.66%          | 7.247%        |
| 2         | 7.071       | 671           | 678         | 696          | rBV      | 825245         | 1498321       | 39.02%          | 7.930%        |
| 3         | 7.900       | 812           | 819         | 829          | rBV      | 205626         | 358288        | 9.33%           | 1.896%        |
| 4         | 8.223       | 867           | 874         | 885          | rBV      | 676821         | 1167928       | 30.42%          | 6.181%        |
| 5         | 9.057       | 1008          | 1016        | 1032         | rBV      | 499057         | 939111        | 24.46%          | 4.970%        |
| 6         | 10.702      | 1288          | 1296        | 1316         | rBV      | 274582         | 516077        | 13.44%          | 2.731%        |
| 7         | 13.164      | 1708          | 1715        | 1731         | rBV      | 1439549        | 2311754       | 60.20%          | 12.235%       |
| 8         | 13.998      | 1851          | 1857        | 1868         | rBV      | 36393          | 65562         | 1.71%           | 0.347%        |
| 9         | 14.539      | 1942          | 1949        | 1960         | rBV      | 494619         | 801131        | 20.86%          | 4.240%        |
| 10        | 16.031      | 2196          | 2203        | 2220         | rBV      | 1219363        | 1994183       | 51.93%          | 10.554%       |
| 11        | 17.283      | 2407          | 2416        | 2428         | rBV      | 721119         | 1107971       | 28.85%          | 5.864%        |
| 12        | 19.903      | 2855          | 2862        | 2879         | rBV      | 2804686        | 3839902       | 100.00%         | 20.322%       |
| 13        | 21.196      | 3077          | 3082        | 3094         | rBV2     | 82501          | 167137        | 4.35%           | 0.885%        |
| 14        | 21.525      | 3132          | 3138        | 3154         | rBV2     | 714651         | 1206488       | 31.42%          | 6.385%        |
| 15        | 22.318      | 3268          | 3273        | 3280         | rBV      | 29263          | 55606         | 1.45%           | 0.294%        |
| 16        | 22.988      | 3382          | 3387        | 3393         | rVB      | 35763          | 61626         | 1.60%           | 0.326%        |
| 17        | 23.757      | 3511          | 3518        | 3526         | rBV      | 40289          | 86657         | 2.26%           | 0.459%        |
| 18        | 24.609      | 3653          | 3663        | 3680         | rBV2     | 431513         | 1290420       | 33.61%          | 6.829%        |
| 19        | 25.737      | 3848          | 3855        | 3864         | rVB4     | 21014          | 57443         | 1.50%           | 0.304%        |

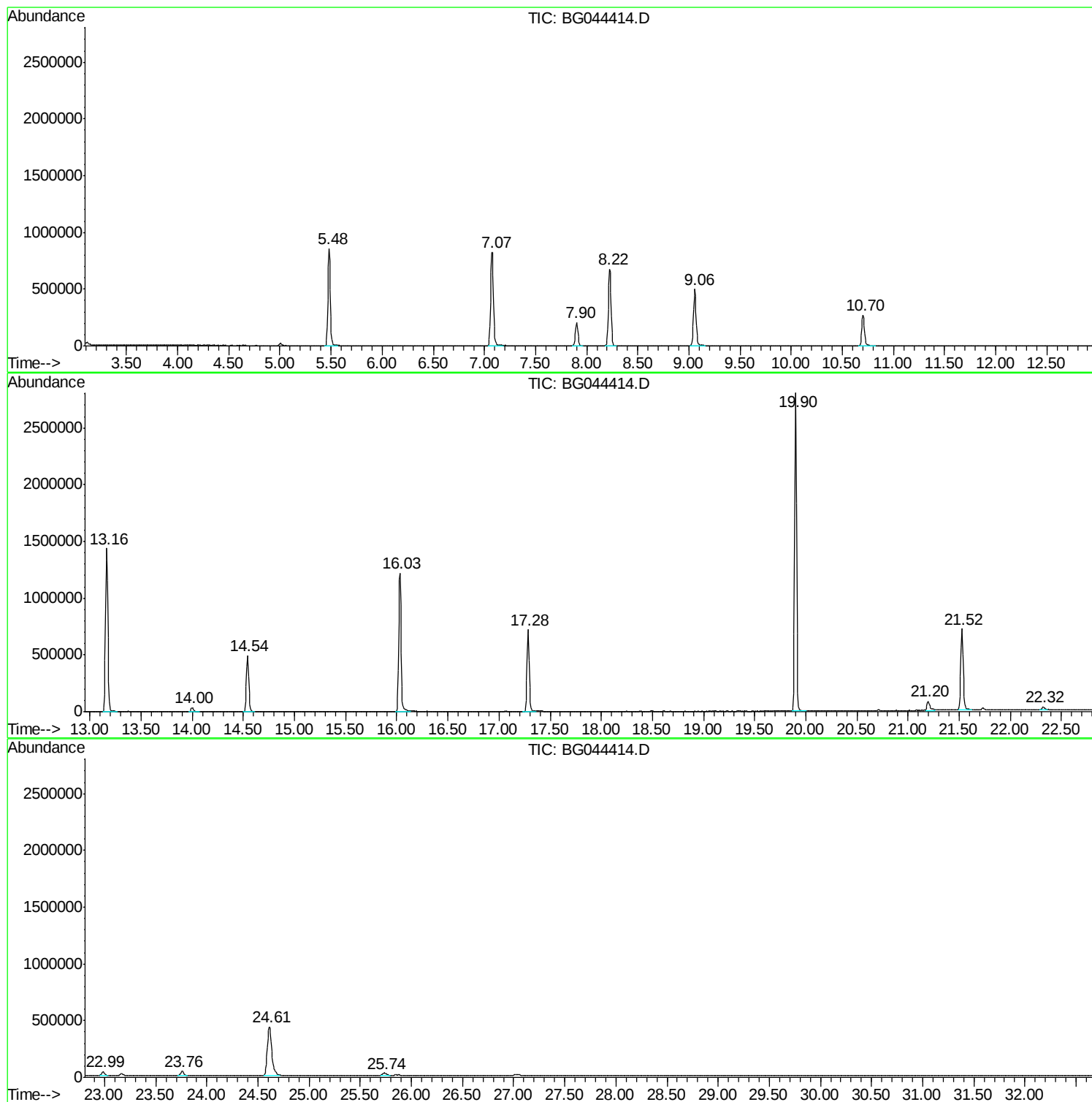
Sum of corrected areas: 18894946

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.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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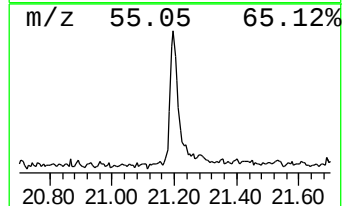
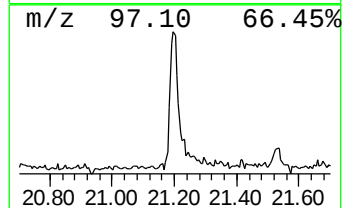
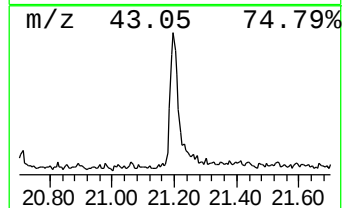
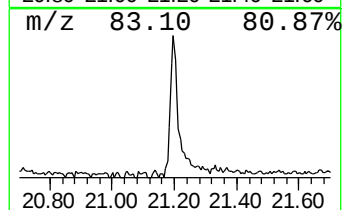
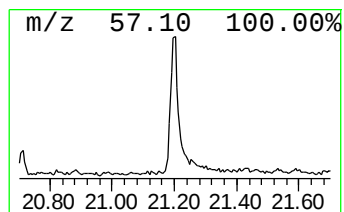
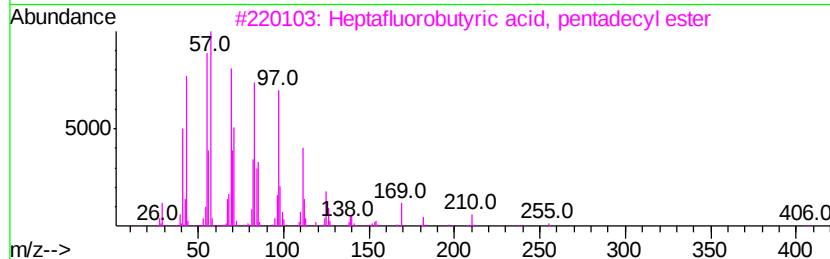
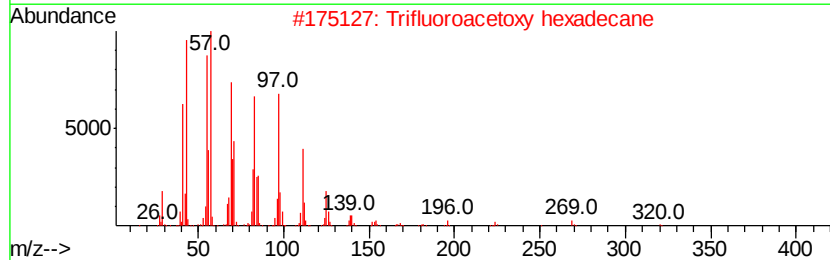
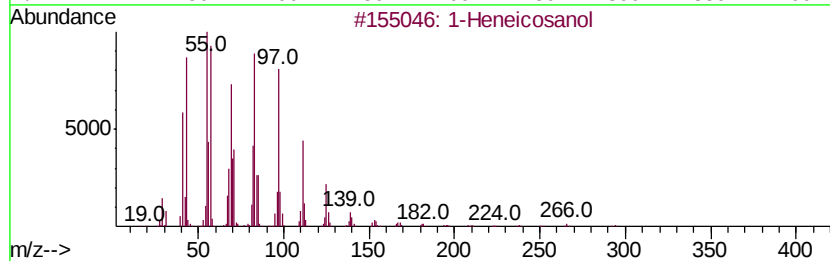
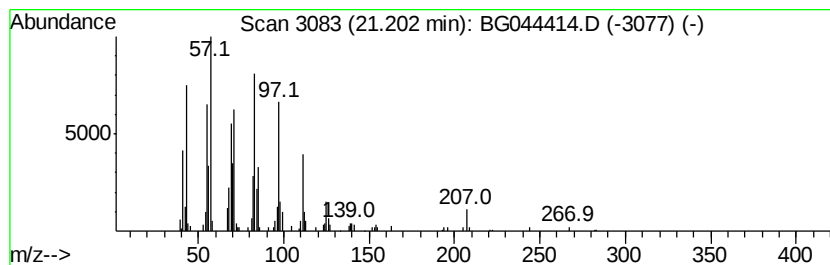
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Peak Number 2 1-Heneicosanol Concentration Rank 2

| R.T.    | EstConc                             | Area           | Relative to ISTD | R.T.      |
|---------|-------------------------------------|----------------|------------------|-----------|
| 21.20   | 2.77 ng                             | 167137         | Chrysene-d12     | 21.52     |
| Hit# of | 5                                   | Tentative ID   | MW MolForm       | CAS# Qual |
| 1       | 1-Heneicosanol                      | 312 C21H44O    | 015594-90-8      | 93        |
| 2       | Trifluoroacetoxy hexadecane         | 338 C18H33F3O2 | 006222-03-3      | 93        |
| 3       | Heptafluorobutyric acid, pentade... | 424 C19H31F7O2 | 959261-23-5      | 93        |
| 4       | Heptadecyl heptafluorobutyrate      | 452 C21H35F7O2 | 959085-66-6      | 93        |
| 5       | Pentafluoropropionic acid, penta... | 374 C18H31F5O2 | 959092-08-1      | 93        |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| 1-Heneicosanol   | 21.20 | 2.8     | ng    | 167137   | 5                     | 21.52 | 1206490 | 20.0 |