

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\  
 Data File : BG044411.D  
 Acq On : 12 Feb 2020 16:30  
 Operator : CG/JU  
 Sample : L1491-07  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-1I-(13.5-15.5)

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         | 5.004       | 321           | 326         | 335          | rVB2     | 26023          | 41496         | 1.09%           | 0.203%        |
| 2         | 5.480       | 399           | 407         | 419          | rBV      | 902706         | 1472472       | 38.73%          | 7.206%        |
| 3         | 7.072       | 670           | 678         | 690          | rBV      | 941040         | 1640901       | 43.16%          | 8.030%        |
| 4         | 7.900       | 812           | 819         | 829          | rBV      | 231710         | 388475        | 10.22%          | 1.901%        |
| 5         | 8.223       | 865           | 874         | 883          | rBV      | 731002         | 1257708       | 33.08%          | 6.155%        |
| 6         | 9.058       | 1007          | 1016        | 1029         | rBV      | 544173         | 1016087       | 26.73%          | 4.973%        |
| 7         | 10.703      | 1288          | 1296        | 1310         | rBV      | 307545         | 567466        | 14.93%          | 2.777%        |
| 8         | 13.159      | 1706          | 1714        | 1732         | rBV      | 1612353        | 2575316       | 67.74%          | 12.603%       |
| 9         | 13.993      | 1850          | 1856        | 1867         | rBV      | 48323          | 78856         | 2.07%           | 0.386%        |
| 10        | 14.540      | 1942          | 1949        | 1964         | rBV      | 579372         | 903303        | 23.76%          | 4.421%        |
| 11        | 16.026      | 2196          | 2202        | 2224         | rBV      | 1354492        | 2117679       | 55.70%          | 10.364%       |
| 12        | 17.283      | 2409          | 2416        | 2428         | rBV      | 753116         | 1189401       | 31.29%          | 5.821%        |
| 13        | 19.898      | 2855          | 2861        | 2875         | rBV      | 2800561        | 3801629       | 100.00%         | 18.605%       |
| 14        | 21.197      | 3077          | 3082        | 3092         | rBV2     | 63326          | 129092        | 3.40%           | 0.632%        |
| 15        | 21.526      | 3131          | 3138        | 3149         | rBV      | 800142         | 1275792       | 33.56%          | 6.244%        |
| 16        | 21.731      | 3169          | 3173        | 3179         | rBV      | 30622          | 46588         | 1.23%           | 0.228%        |
| 17        | 22.319      | 3267          | 3273        | 3279         | rVB2     | 49291          | 81330         | 2.14%           | 0.398%        |
| 18        | 22.654      | 3323          | 3330        | 3336         | rBV10    | 14074          | 39743         | 1.05%           | 0.194%        |
| 19        | 22.983      | 3380          | 3386        | 3396         | rVB      | 67365          | 118608        | 3.12%           | 0.580%        |
| 20        | 23.758      | 3511          | 3518        | 3527         | rVB      | 63253          | 131799        | 3.47%           | 0.645%        |
| 21        | 24.610      | 3652          | 3663        | 3681         | rBV2     | 469358         | 1413095       | 37.17%          | 6.915%        |
| 22        | 25.738      | 3847          | 3855        | 3864         | rVB3     | 35081          | 97527         | 2.57%           | 0.477%        |
| 23        | 27.019      | 4067          | 4073        | 4083         | rVB5     | 16157          | 49441         | 1.30%           | 0.242%        |

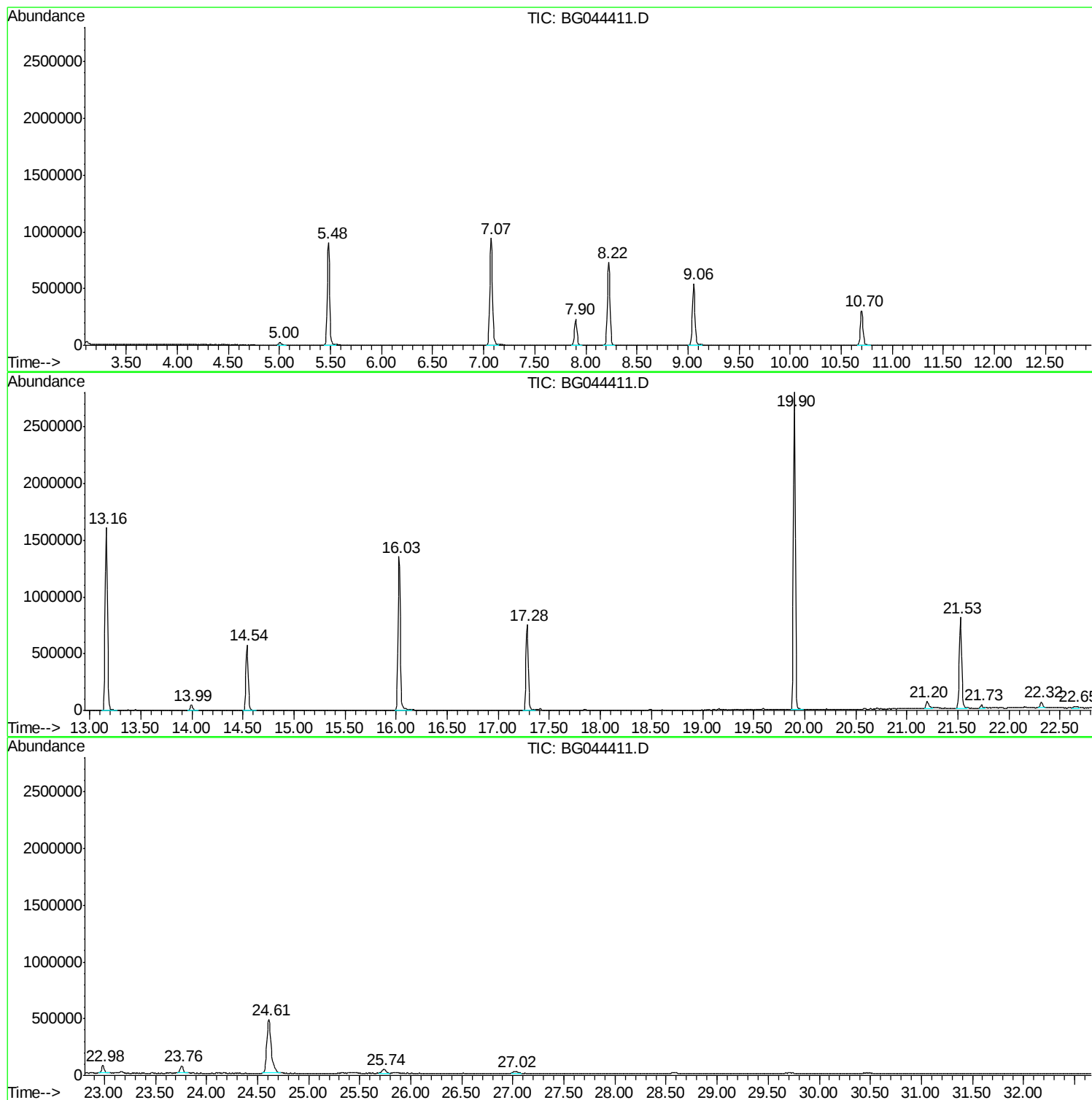
Sum of corrected areas: 20433804

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SB-1I-(13.5-15.5)

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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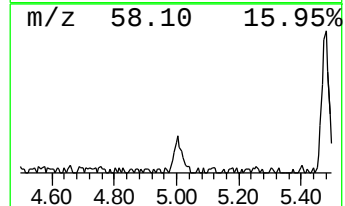
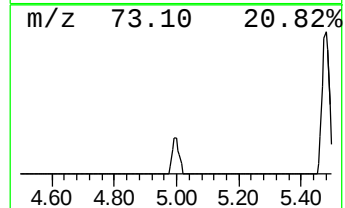
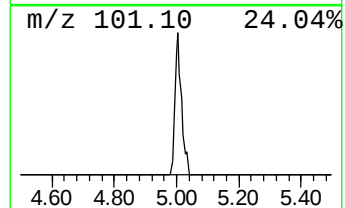
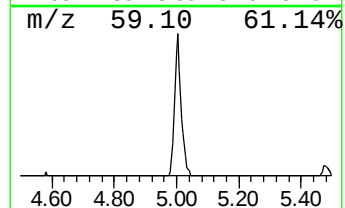
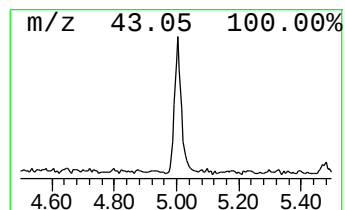
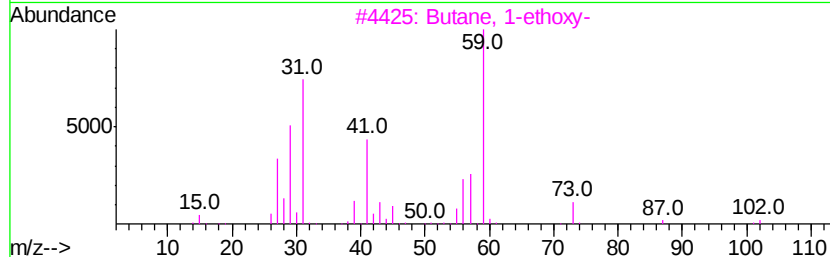
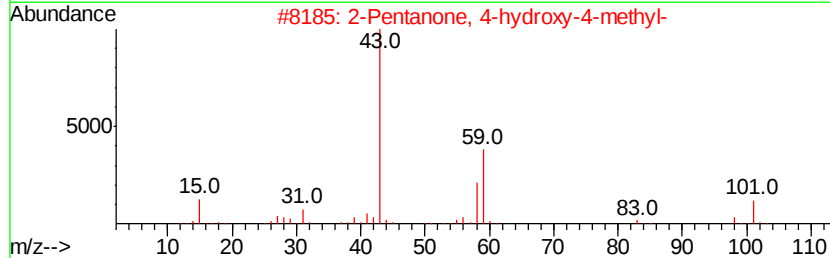
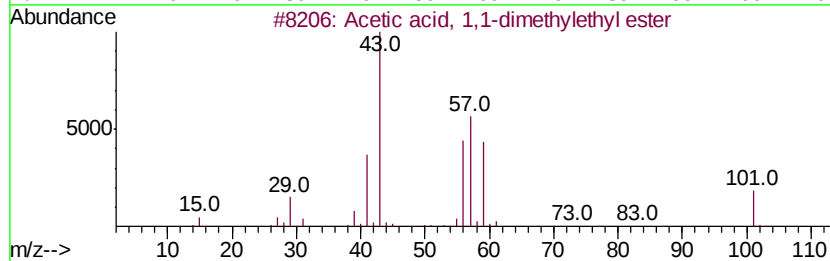
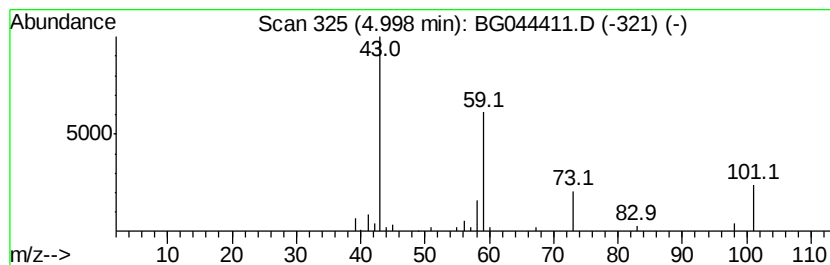
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown5.00 Concentration Rank 2

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.00 | 2.14 ng | 41496 | 1,4-Dichlorobenzene-d4 | 7.90 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5  | 45   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2  | 45   |
| 3    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O  | 000628-81-9  | 23   |
| 4    |    |   | 2-Decanol, methyl ether             | 172 | C11H24O | 1000333-83-9 | 17   |
| 5    |    |   | Butyl aldoxime, 3-methyl-, syn-     | 101 | C5H11NO | 005780-40-5  | 12   |



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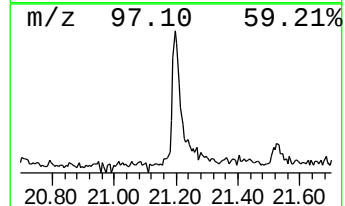
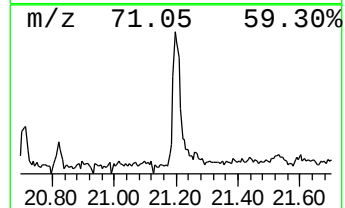
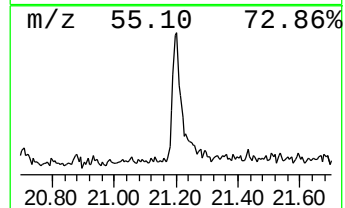
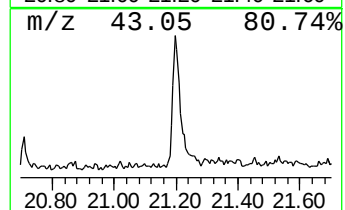
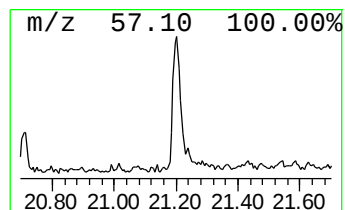
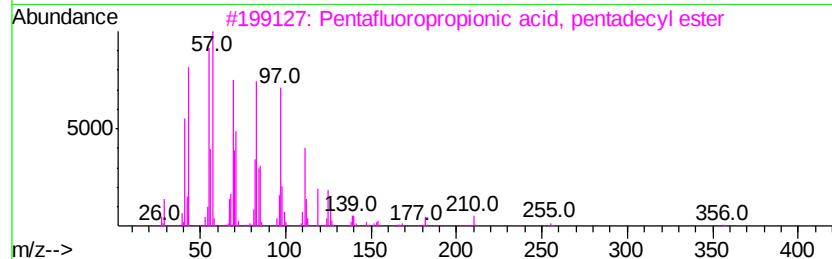
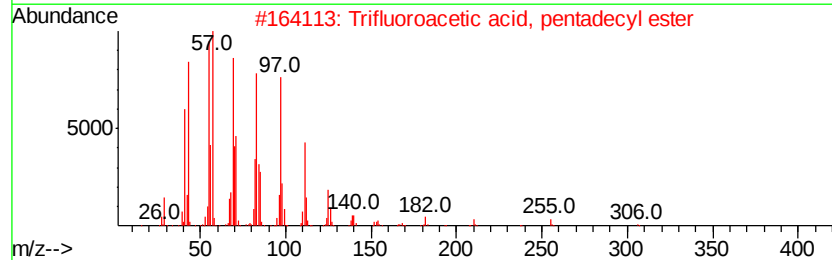
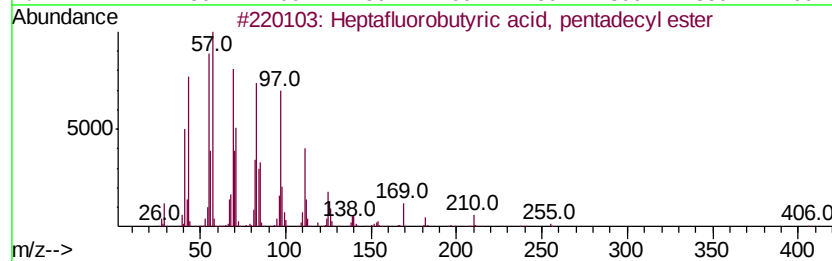
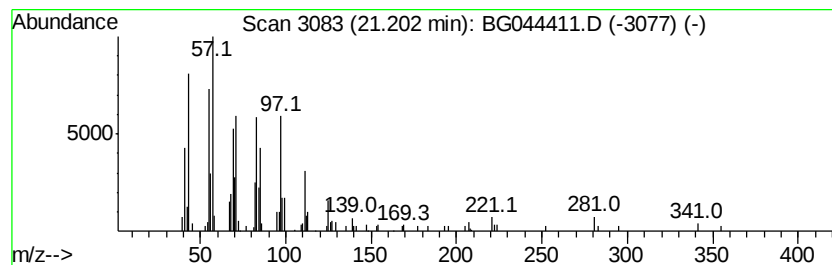
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Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 3

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.       |             |      |
|---------|---------|-------------------------------------|------------------|------------|-------------|------|
| 21.20   | 2.02 ng | 129092                              | Chrysene-d12     | 21.53      |             |      |
| Hit# of | 5       | Tentative ID                        | MW               | MolForm    | CAS#        | Qual |
| 1       |         | Heptafluorobutyric acid, pentade... | 424              | C19H31F7O2 | 959261-23-5 | 93   |
| 2       |         | Trifluoroacetic acid, pentadecyl... | 324              | C17H31F3O2 | 959010-23-2 | 93   |
| 3       |         | Pentafluoropropionic acid, penta... | 374              | C18H31F5O2 | 959092-08-1 | 93   |
| 4       |         | Ethanol, 2-(tetradecyloxy)-         | 258              | C16H34O2   | 002136-70-1 | 91   |
| 5       |         | Heptadecyl heptafluorobutyrate      | 452              | C21H35F7O2 | 959085-66-6 | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown5.00          | 5.00  | 2.1 ng  |       | 41496    | 1                     | 7.90  | 388475  | 20.0 |
| Heptafluorobutyri... | 21.20 | 2.0 ng  |       | 129092   | 5                     | 21.53 | 1275790 | 20.0 |