

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111921\  
 Data File : BG051138.D  
 Acq On : 20 Nov 2021 1:28  
 Operator : CG/JU  
 Sample : M4758-09  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP5

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-BG111921.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051138.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         | 5.268       | 297           | 303         | 311          | rBV      | 16835          | 27264         | 1.71%           | 0.368%        |
| 2         | 5.744       | 377           | 384         | 396          | rBV      | 395509         | 645275        | 40.53%          | 8.704%        |
| 3         | 7.360       | 651           | 659         | 676          | rVB      | 391113         | 704692        | 44.26%          | 9.505%        |
| 4         | 8.206       | 796           | 803         | 815          | rVB      | 92047          | 156205        | 9.81%           | 2.107%        |
| 5         | 9.381       | 994           | 1003        | 1013         | rBV      | 237714         | 438699        | 27.55%          | 5.917%        |
| 6         | 11.032      | 1277          | 1284        | 1294         | rVB      | 121821         | 223085        | 14.01%          | 3.009%        |
| 7         | 13.453      | 1686          | 1696        | 1705         | rBV      | 587868         | 926548        | 58.19%          | 12.498%       |
| 8         | 14.833      | 1922          | 1931        | 1940         | rBV      | 207866         | 328072        | 20.60%          | 4.425%        |
| 9         | 16.320      | 2178          | 2184        | 2199         | rBV      | 492170         | 799053        | 50.19%          | 10.778%       |
| 10        | 17.454      | 2373          | 2377        | 2382         | rVB2     | 14257          | 18125         | 1.14%           | 0.244%        |
| 11        | 17.583      | 2392          | 2399        | 2407         | rBV      | 282805         | 445723        | 27.99%          | 6.012%        |
| 12        | 20.168      | 2833          | 2839        | 2845         | rVB      | 1230368        | 1592201       | 100.00%         | 21.476%       |
| 13        | 21.461      | 3055          | 3059        | 3073         | rVB3     | 37542          | 80492         | 5.06%           | 1.086%        |
| 14        | 21.878      | 3123          | 3130        | 3138         | rVB2     | 285514         | 484554        | 30.43%          | 6.536%        |
| 15        | 23.376      | 3380          | 3385        | 3392         | rVB7     | 16209          | 32799         | 2.06%           | 0.442%        |
| 16        | 23.576      | 3416          | 3419        | 3426         | rVB      | 14559          | 26799         | 1.68%           | 0.361%        |
| 17        | 25.274      | 3696          | 3708        | 3718         | rVB2     | 157992         | 484276        | 30.42%          | 6.532%        |

Sum of corrected areas: 7413862



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

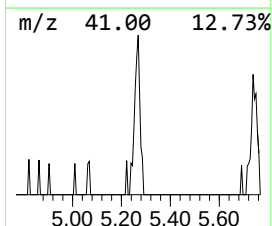
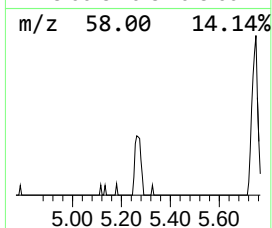
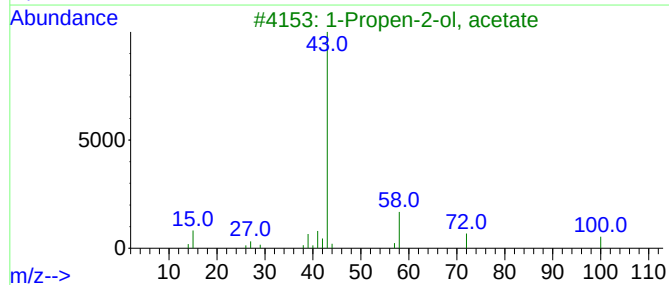
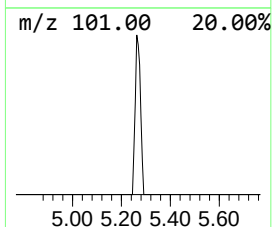
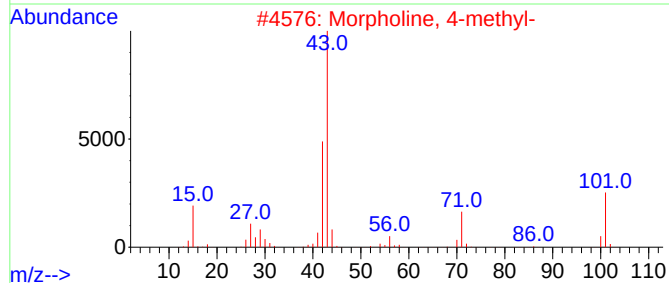
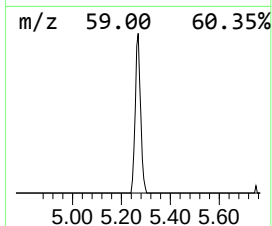
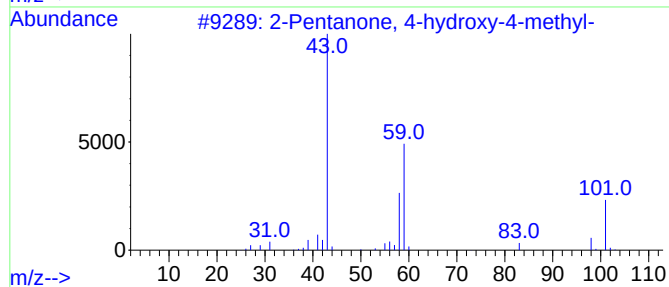
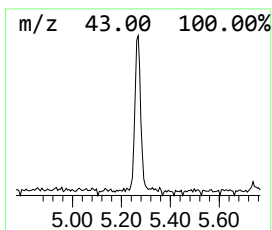
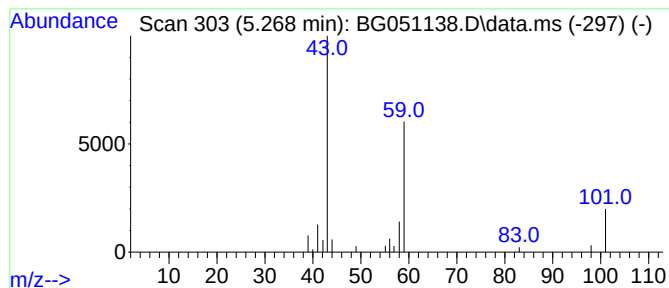
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.268 | 3.49 ng | 27264 | 1,4-Dichlorobenzene-d4 | 8.206 |

| Hit# | of 5                             | Tentative ID | MW      | MolForm     | CAS# | Qual |
|------|----------------------------------|--------------|---------|-------------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl- | 116          | C6H12O2 | 000123-42-2 | 50   |      |
| 2    | Morpholine, 4-methyl-            | 101          | C5H11NO | 000109-02-4 | 9    |      |
| 3    | 1-Propen-2-ol, acetate           | 100          | C5H8O2  | 000108-22-5 | 9    |      |
| 4    | 3-Octanol                        | 130          | C8H18O  | 000589-98-0 | 9    |      |
| 5    | 2,3-Butanedione, monooxime       | 101          | C4H7NO2 | 000057-71-6 | 7    |      |



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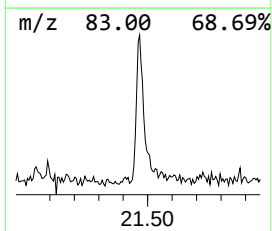
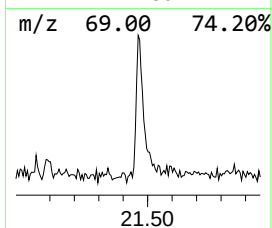
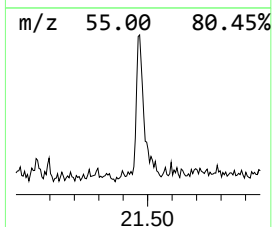
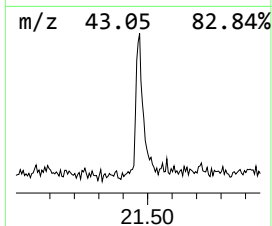
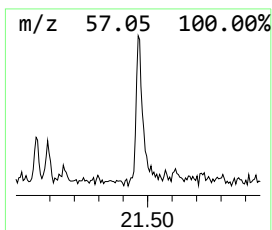
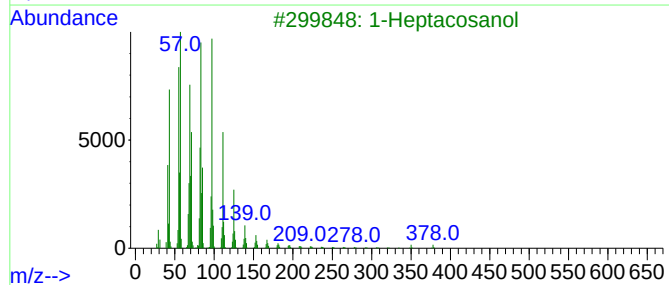
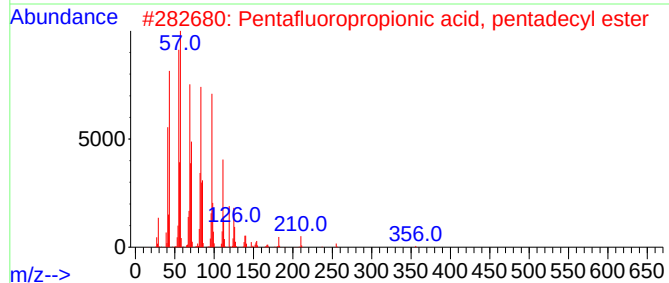
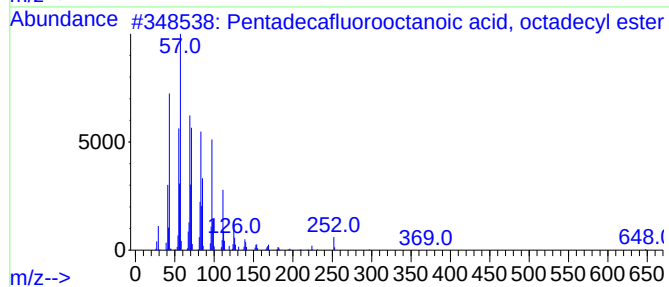
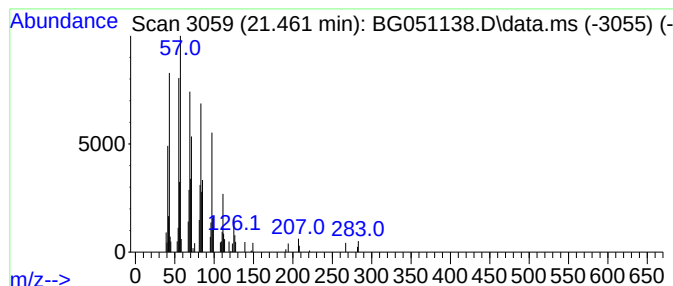
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Peak Number 2 Pentadecafluorooctanoic aci... Concentration Rank 2

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 21.461    | 3.32 ng                             | 80492 | Chrysene-d12     | 21.878       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Pentadecafluorooctanoic acid, oc... | 666   | C26H37F15O2      | 1000406-04-8 | 95   |
| 2         | Pentafluoropropionic acid, penta... | 374   | C18H31F5O2       | 959092-08-1  | 91   |
| 3         | 1-Heptacosanol                      | 396   | C27H56O          | 002004-39-9  | 91   |
| 4         | Heptafluorobutyric acid, pentade... | 424   | C19H31F7O2       | 959261-23-5  | 91   |
| 5         | Dichloroacetic acid, heptadecyl ... | 366   | C19H36Cl2O2      | 1000282-98-2 | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.268  | 3.5     | ng    | 27264    | 1                     | 8.206  | 156205 | 20.0 |
| Pentadecafluoro... | 21.461 | 3.3     | ng    | 80492    | 5                     | 21.878 | 484554 | 20.0 |