

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111921\  
 Data File : BG051140.D  
 Acq On : 20 Nov 2021 2:49  
 Operator : CG/JU  
 Sample : M4758-15  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP8

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: BG051140.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       | 296           | 303         | 311          | rBV3     | 9871           | 16358         | 1.07%           | 0.218%        |
| 2         | 5.744       | 377           | 384         | 394          | rBV      | 374693         | 616105        | 40.28%          | 8.221%        |
| 3         | 7.360       | 651           | 659         | 672          | rBV      | 372291         | 676377        | 44.22%          | 9.025%        |
| 4         | 8.206       | 795           | 803         | 812          | rBV      | 92594          | 156840        | 10.25%          | 2.093%        |
| 5         | 9.381       | 995           | 1003        | 1015         | rBV      | 236612         | 431467        | 28.21%          | 5.757%        |
| 6         | 10.779      | 1235          | 1241        | 1250         | rBV3     | 7303           | 15823         | 1.03%           | 0.211%        |
| 7         | 11.032      | 1275          | 1284        | 1292         | rBV      | 122124         | 224381        | 14.67%          | 2.994%        |
| 8         | 13.453      | 1686          | 1696        | 1706         | rBV      | 621553         | 969950        | 63.42%          | 12.943%       |
| 9         | 14.446      | 1860          | 1865        | 1873         | rBV2     | 8227           | 16180         | 1.06%           | 0.216%        |
| 10        | 14.833      | 1923          | 1931        | 1939         | rVB      | 218910         | 346316        | 22.64%          | 4.621%        |
| 11        | 16.320      | 2178          | 2184        | 2198         | rBV      | 511022         | 810202        | 52.97%          | 10.811%       |
| 12        | 17.448      | 2372          | 2376        | 2382         | rBV2     | 17685          | 23248         | 1.52%           | 0.310%        |
| 13        | 17.583      | 2392          | 2399        | 2406         | rBV      | 298604         | 460019        | 30.08%          | 6.138%        |
| 14        | 17.683      | 2412          | 2416        | 2421         | rBV4     | 11699          | 16091         | 1.05%           | 0.215%        |
| 15        | 19.275      | 2683          | 2687        | 2693         | rVB      | 11805          | 15844         | 1.04%           | 0.211%        |
| 16        | 19.816      | 2776          | 2779        | 2784         | rVB3     | 12449          | 16000         | 1.05%           | 0.213%        |
| 17        | 20.168      | 2833          | 2839        | 2845         | rBV      | 1159493        | 1529450       | 100.00%         | 20.408%       |
| 18        | 20.832      | 2947          | 2952        | 2957         | rVB8     | 9708           | 18056         | 1.18%           | 0.241%        |
| 19        | 21.467      | 3055          | 3060        | 3073         | rVB4     | 58539          | 117366        | 7.67%           | 1.566%        |
| 20        | 21.878      | 3123          | 3130        | 3140         | rVB      | 285472         | 488661        | 31.95%          | 6.521%        |
| 21        | 22.659      | 3257          | 3263        | 3266         | rBV5     | 9919           | 18479         | 1.21%           | 0.247%        |
| 22        | 23.576      | 3415          | 3419        | 3425         | rVB6     | 7815           | 15655         | 1.02%           | 0.209%        |
| 23        | 25.268      | 3695          | 3707        | 3722         | rVB2     | 161648         | 495336        | 32.39%          | 6.610%        |

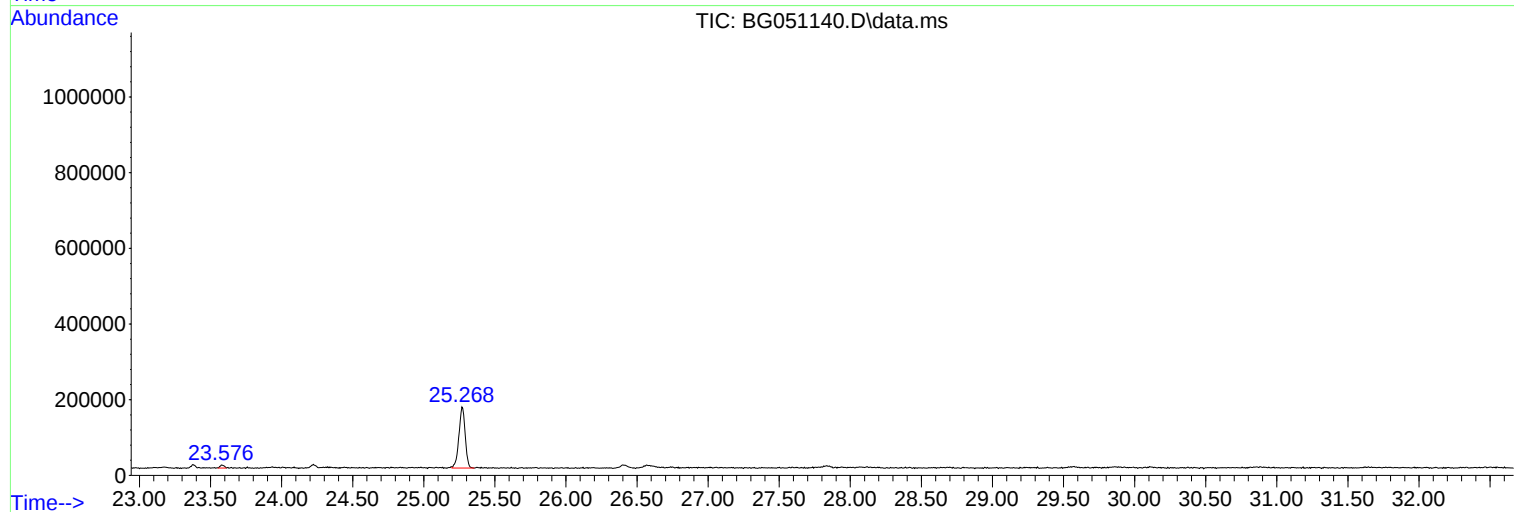
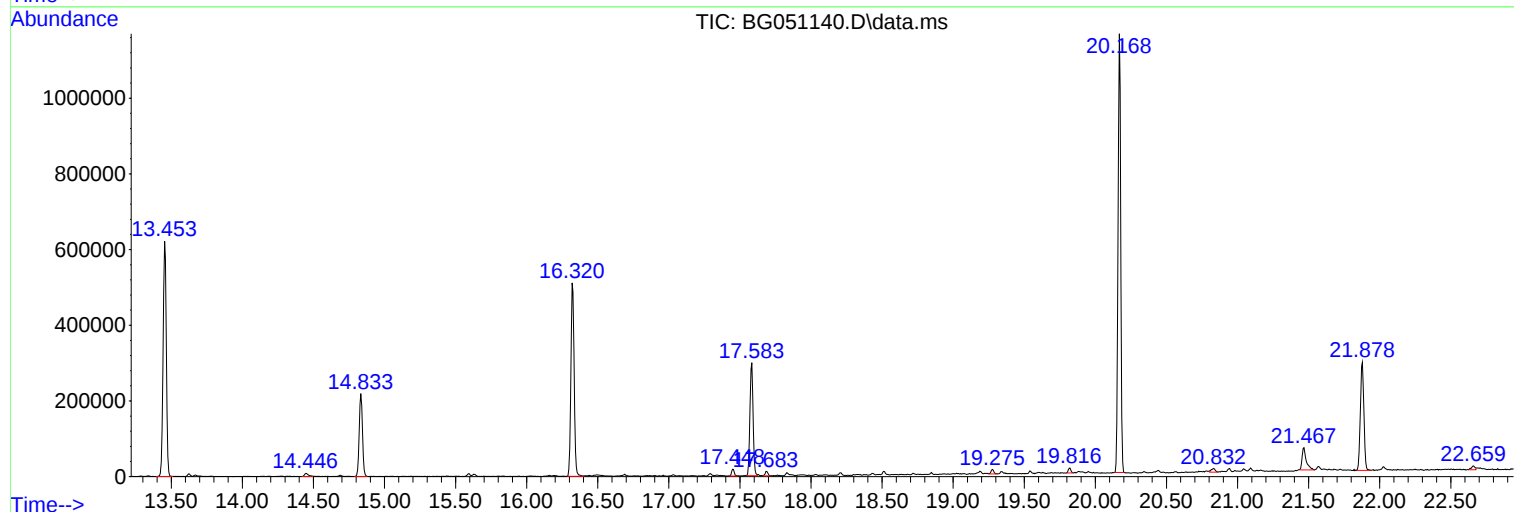
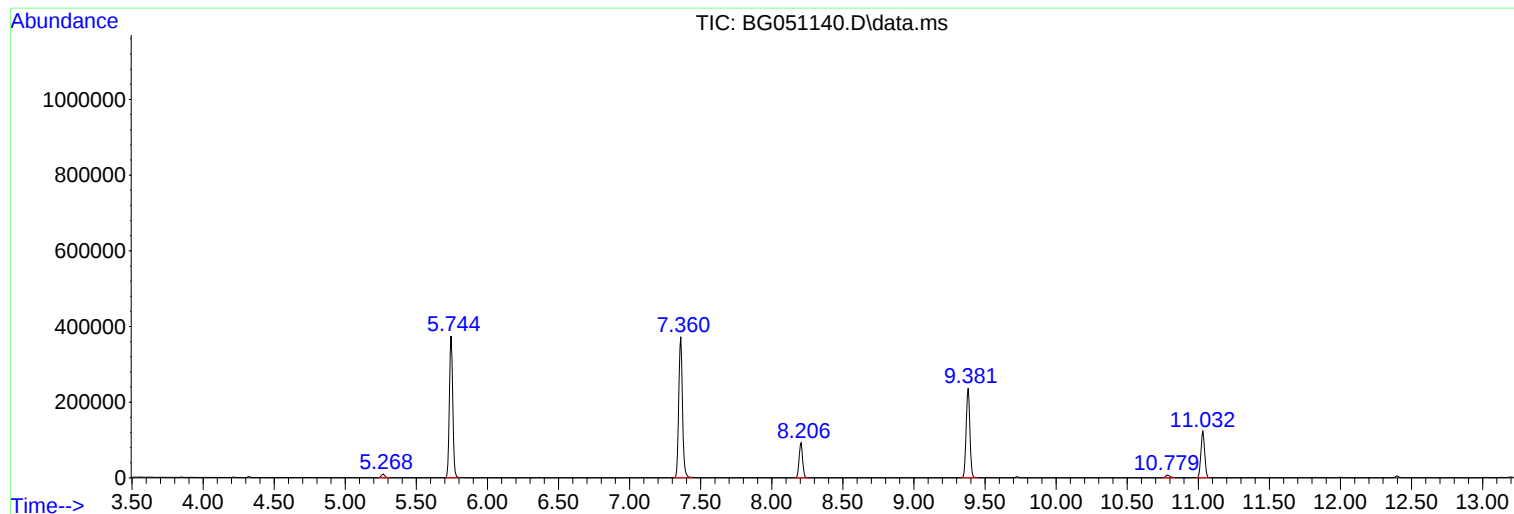
Sum of corrected areas: 7494204

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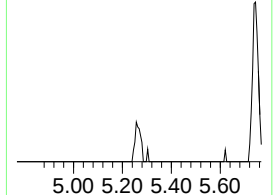
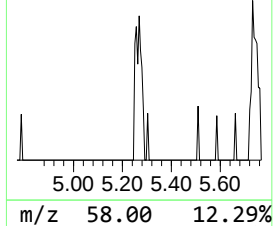
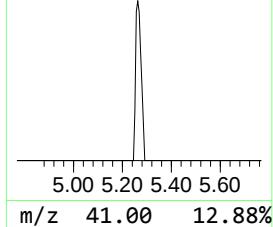
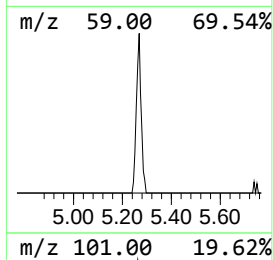
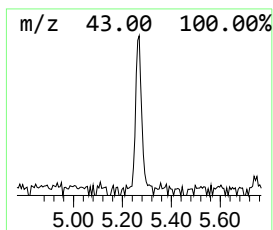
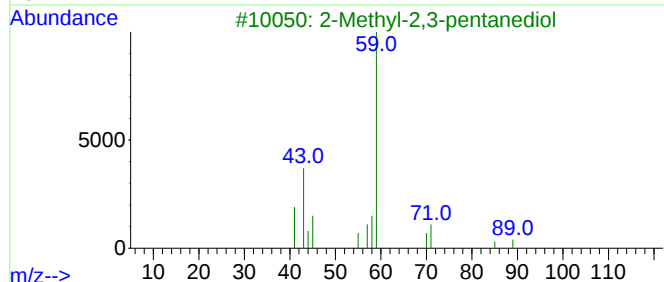
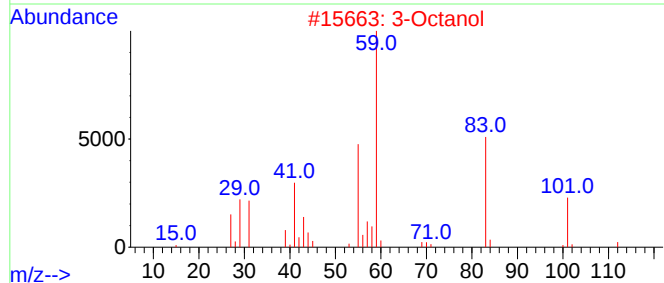
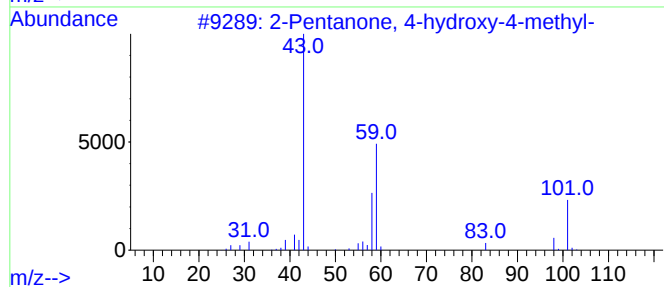
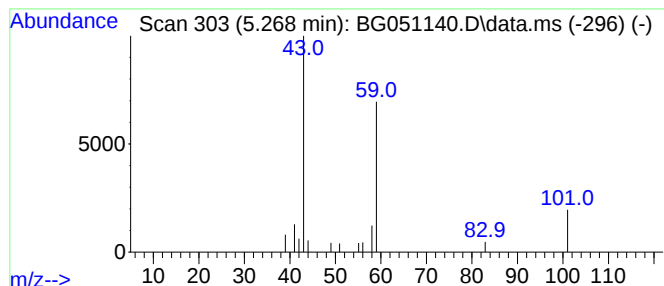
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.268 | 2.09 ng | 16358 | 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  | 72   |      |
| 2    | 3-Octanol                          | 130          | C8H18O  | 000589-98-0  | 40   |      |
| 3    | 2-Methyl-2,3-pentanediol           | 118          | C6H14O2 | 007795-80-4  | 9    |      |
| 4    | Ethanol, 1-(methylenecyclopropyl)- | 98           | C6H10O  | 1000152-74-6 | 9    |      |
| 5    | 2,3-Butanedione, monooxime         | 101          | C4H7NO2 | 000057-71-6  | 7    |      |



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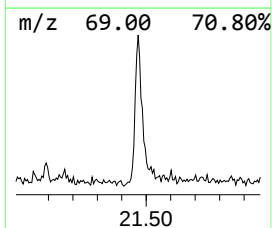
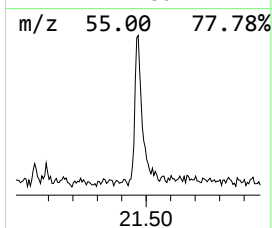
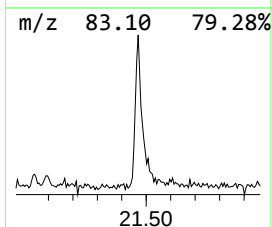
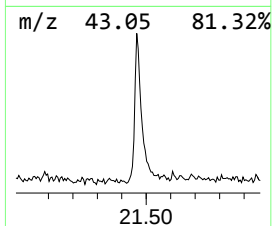
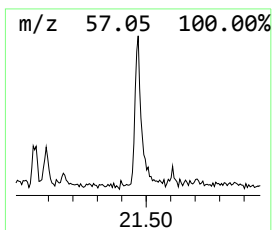
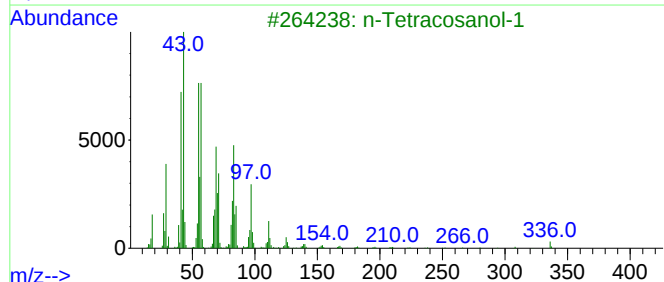
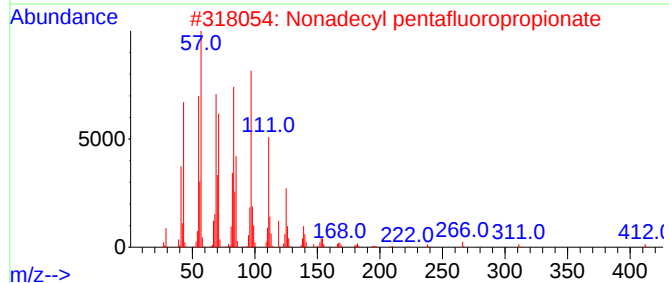
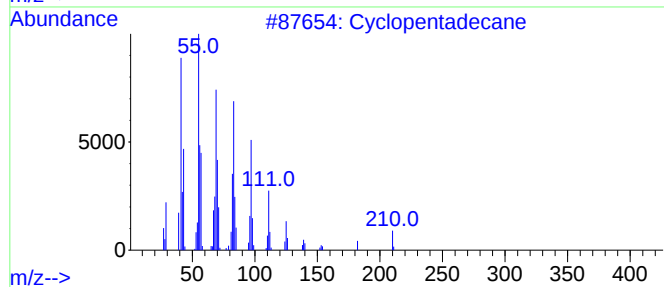
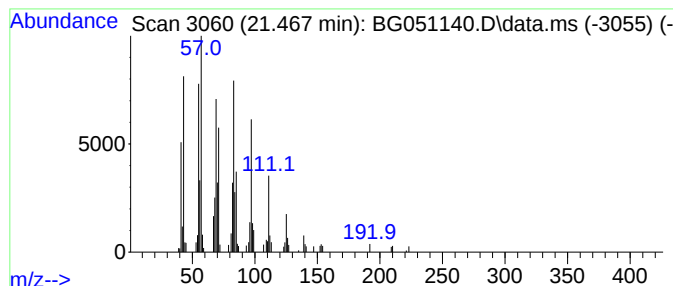
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Peak Number 2 Cyclopentadecane Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.467 | 4.80 ng | 117366 | Chrysene-d12     | 21.878 |

| Hit# | of 5 | Tentative ID                    | MW  | MolForm    | CAS#         | Qual |
|------|------|---------------------------------|-----|------------|--------------|------|
| 1    |      | Cyclopentadecane                | 210 | C15H30     | 000295-48-7  | 98   |
| 2    |      | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 91   |
| 3    |      | n-Tetracosanol-1                | 354 | C24H50O    | 000506-51-4  | 91   |
| 4    |      | Butyl eicosyl ether             | 354 | C24H50O    | 1000406-40-7 | 91   |
| 5    |      | 1-Hexacosanol                   | 382 | C26H54O    | 000506-52-5  | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.268  | 2.1     | ng    | 16358    | 1                     | 8.206  | 156840 | 20.0 |
| Cyclopentadecane   | 21.467 | 4.8     | ng    | 117366   | 5                     | 21.878 | 488661 | 20.0 |