

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080423\  
 Data File : BG058604.D  
 Acq On : 4 Aug 2023 10:03  
 Operator : MA/JU  
 Sample : 03877-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1

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-BG072823.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058604.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         | 5.384       | 384           | 391         | 403          | rBV      | 621394         | 986813        | 48.53%          | 8.485%        |
| 2         | 6.983       | 656           | 663         | 675          | rBV      | 587202         | 1019655       | 50.14%          | 8.767%        |
| 3         | 7.811       | 798           | 804         | 813          | rBV      | 188480         | 316563        | 15.57%          | 2.722%        |
| 4         | 8.974       | 995           | 1002        | 1017         | rBV      | 341660         | 633691        | 31.16%          | 5.448%        |
| 5         | 10.614      | 1274          | 1281        | 1294         | rBV      | 258822         | 483007        | 23.75%          | 4.153%        |
| 6         | 13.081      | 1694          | 1701        | 1711         | rBV      | 911173         | 1429079       | 70.27%          | 12.287%       |
| 7         | 14.462      | 1929          | 1936        | 1946         | rBV      | 430230         | 668463        | 32.87%          | 5.747%        |
| 8         | 15.819      | 2161          | 2167        | 2175         | rBV      | 83302          | 124893        | 6.14%           | 1.074%        |
| 9         | 15.949      | 2183          | 2189        | 2204         | rBV      | 699556         | 1126181       | 55.38%          | 9.683%        |
| 10        | 17.206      | 2395          | 2403        | 2414         | rBV      | 521724         | 787767        | 38.74%          | 6.773%        |
| 11        | 18.093      | 2548          | 2554        | 2565         | rBV      | 68383          | 128204        | 6.30%           | 1.102%        |
| 12        | 19.380      | 2769          | 2773        | 2785         | rBV6     | 9911           | 27469         | 1.35%           | 0.236%        |
| 13        | 19.826      | 2843          | 2849        | 2859         | rBV      | 1577919        | 2033577       | 100.00%         | 17.485%       |
| 14        | 21.154      | 3068          | 3075        | 3079         | rBV7     | 14839          | 40608         | 2.00%           | 0.349%        |
| 15        | 21.448      | 3118          | 3125        | 3137         | rBV2     | 513347         | 835217        | 41.07%          | 7.181%        |
| 16        | 23.034      | 3389          | 3395        | 3400         | rBV2     | 21295          | 40482         | 1.99%           | 0.348%        |
| 17        | 23.616      | 3489          | 3494        | 3500         | rVB7     | 10861          | 22327         | 1.10%           | 0.192%        |
| 18        | 24.521      | 3637          | 3648        | 3662         | rBV      | 307005         | 926675        | 45.57%          | 7.968%        |

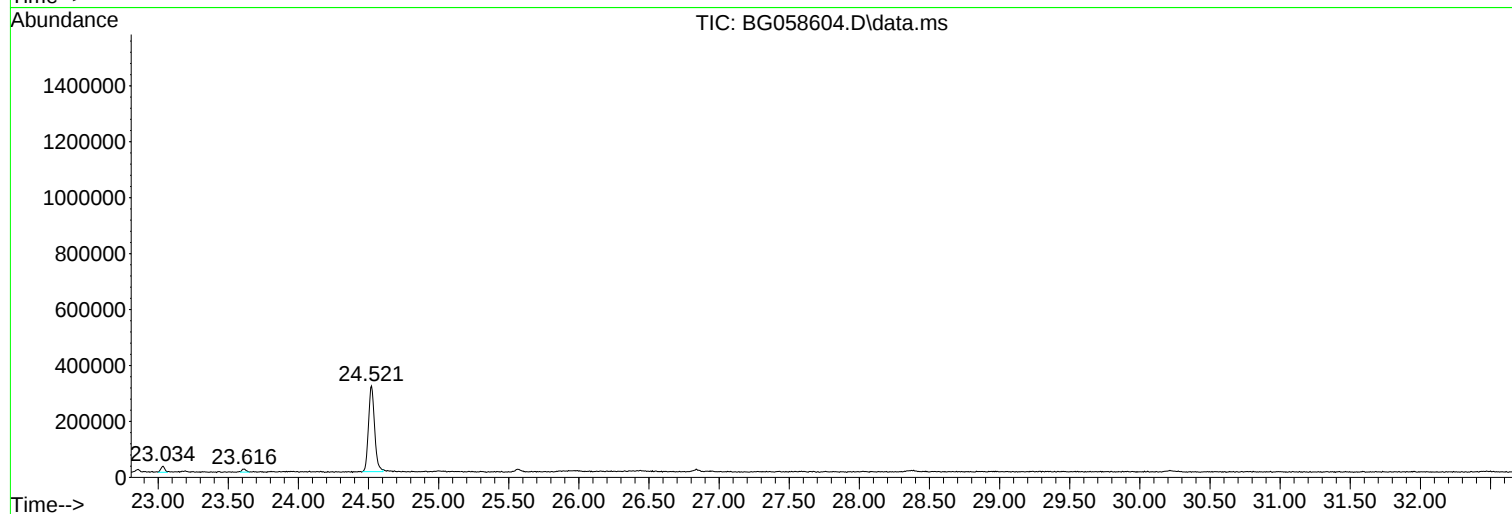
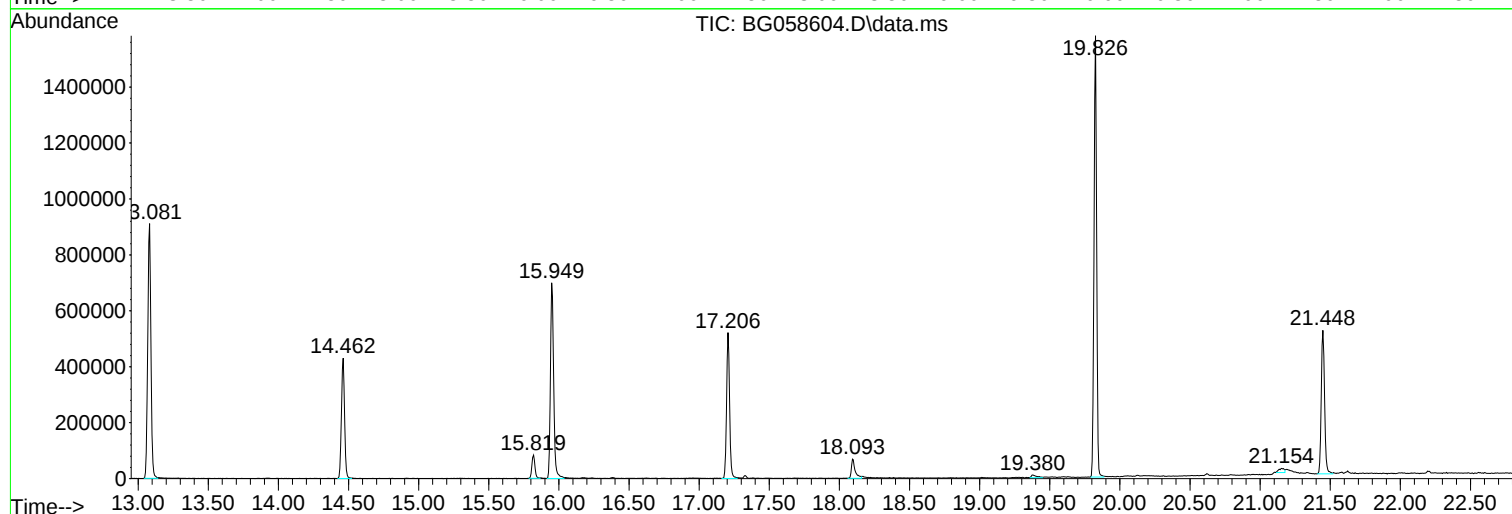
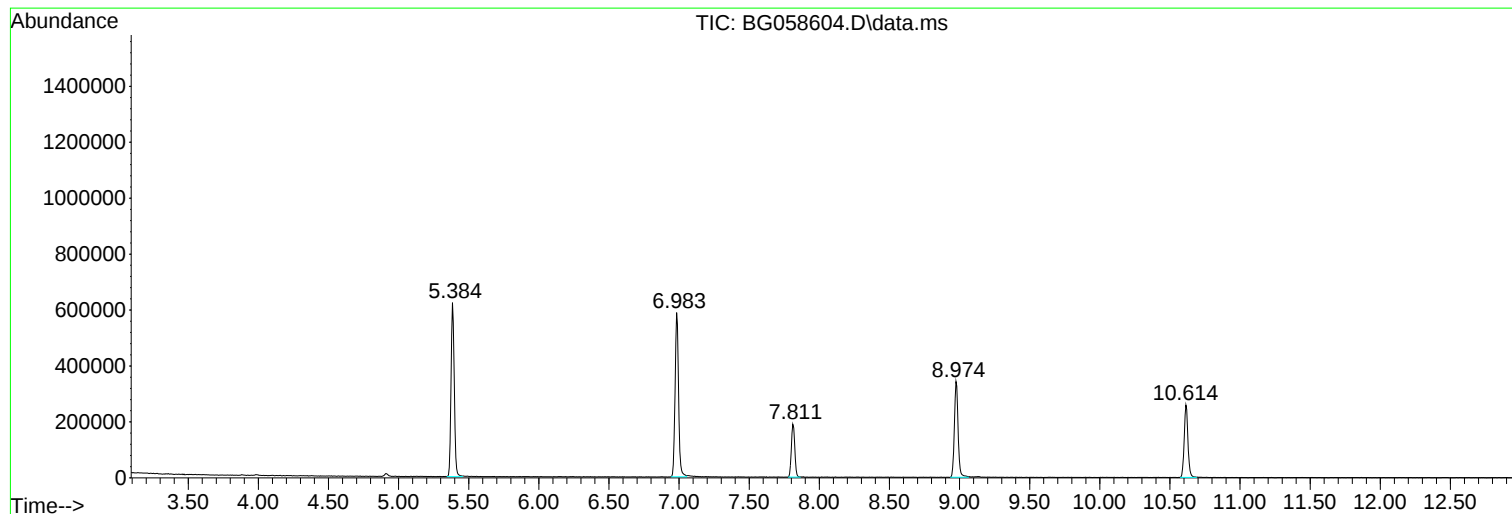
Sum of corrected areas: 11630671

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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.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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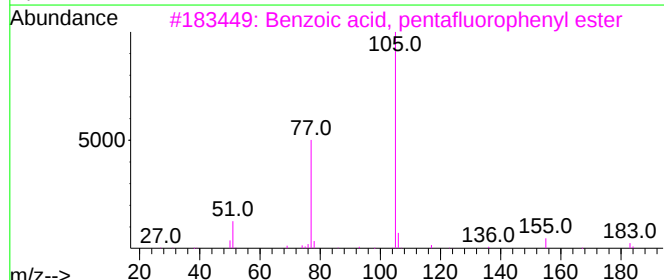
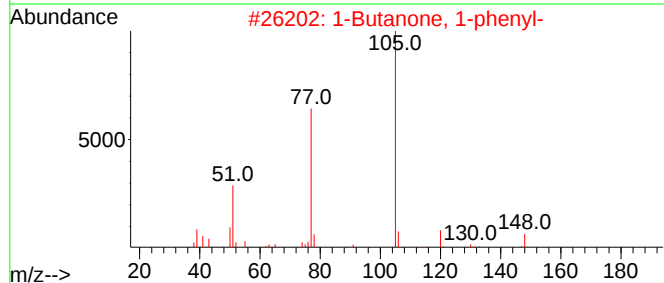
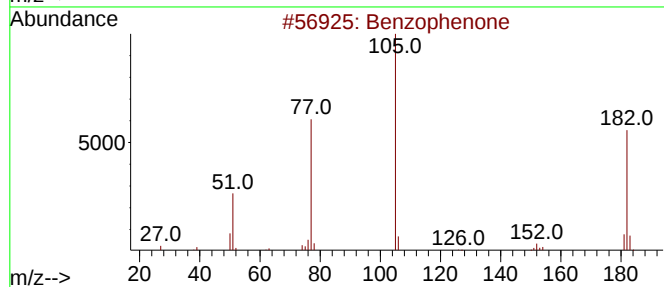
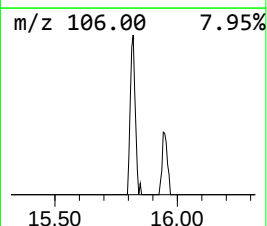
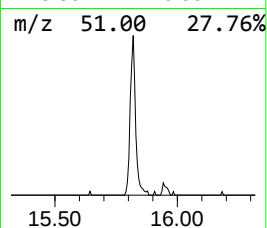
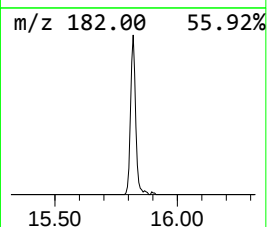
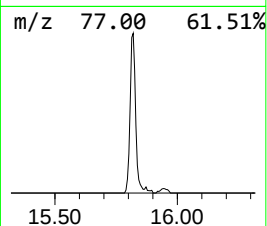
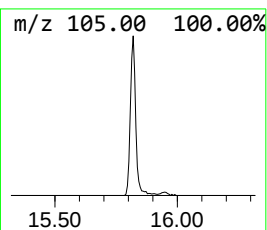
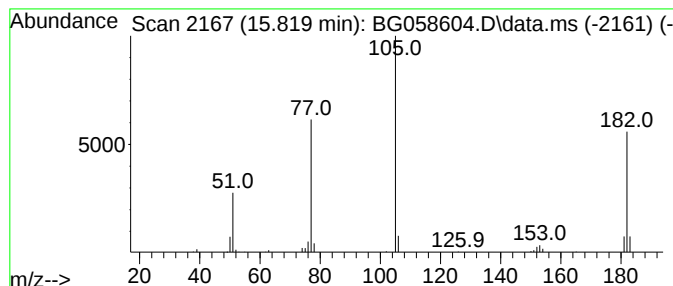
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.819 | 3.74 ng | 124893 | Acenaphthene-d10 | 14.462 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9  | 97   |
| 2    |    |   | 1-Butanone, 1-phenyl-               | 148 | C10H12O    | 000495-40-9  | 47   |
| 3    |    |   | Benzoic acid, pentafluorophenyl ... | 288 | C13H5F5O2  | 1000360-67-9 | 47   |
| 4    |    |   | 1-Propanone, 3-chloro-1-phenyl-     | 168 | C9H9ClO    | 000936-59-4  | 47   |
| 5    |    |   | Disulfide, dibenzoyl                | 274 | C14H10O2S2 | 000644-32-6  | 47   |



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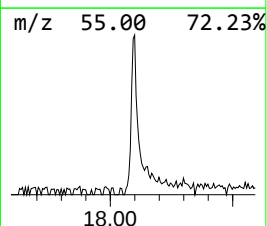
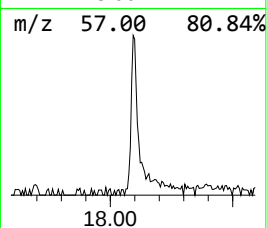
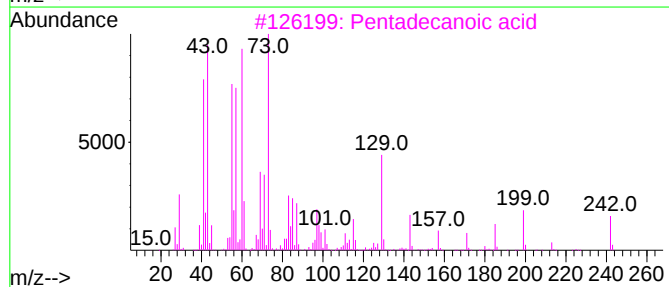
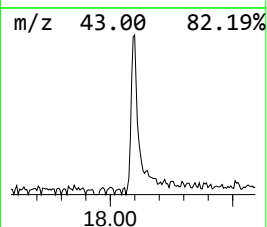
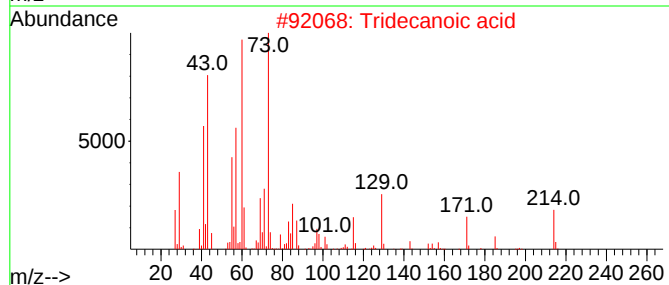
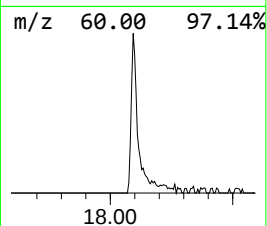
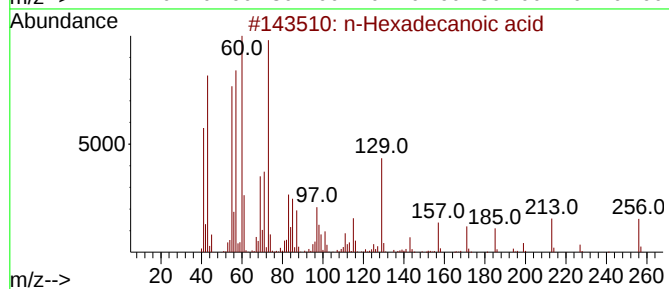
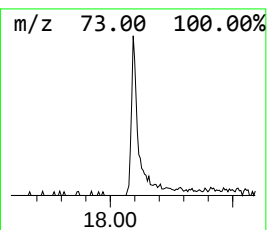
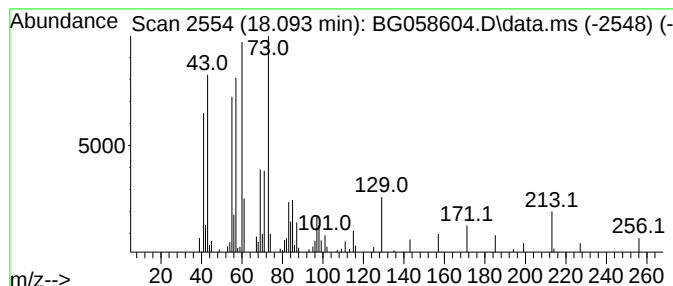
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.093 | 3.25 ng | 128204 | Phenanthrene-d10 | 17.206 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 72   |
| 3    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 72   |
| 4    |      | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 72   |
| 5    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 15.819 | 3.7     | ng    | 124893   | 3                     | 14.462 | 668463 | 20.0 |
| n-Hexadecanoic ... | 18.093 | 3.3     | ng    | 128204   | 4                     | 17.206 | 787767 | 20.0 |