

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012224\  
 Data File : BG060392.D  
 Acq On : 22 Jan 2024 19:48  
 Operator : MA/JU  
 Sample : P1207-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EC68-BUT

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-BG010824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060392.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         | 5.502       | 404           | 411         | 427          | rBV      | 3832613        | 6141181       | 37.56%          | 8.646%        |
| 2         | 7.095       | 674           | 682         | 698          | rBV      | 4056034        | 6967061       | 42.61%          | 9.808%        |
| 3         | 7.929       | 816           | 824         | 838          | rBV      | 640170         | 1156826       | 7.08%           | 1.629%        |
| 4         | 9.086       | 1014          | 1021        | 1036         | rBV      | 2010976        | 3651499       | 22.33%          | 5.141%        |
| 5         | 10.731      | 1292          | 1301        | 1309         | rBV      | 981625         | 1784136       | 10.91%          | 2.512%        |
| 6         | 13.187      | 1711          | 1719        | 1736         | rBV      | 6765069        | 10491134      | 64.16%          | 14.770%       |
| 7         | 14.562      | 1945          | 1953        | 1961         | rBV      | 1859295        | 2946449       | 18.02%          | 4.148%        |
| 8         | 16.055      | 2199          | 2207        | 2221         | rBV      | 5774362        | 8788058       | 53.75%          | 12.372%       |
| 9         | 17.312      | 2415          | 2421        | 2436         | rBV      | 2522228        | 3823492       | 23.38%          | 5.383%        |
| 10        | 18.193      | 2567          | 2571        | 2580         | rBV      | 176421         | 302654        | 1.85%           | 0.426%        |
| 11        | 19.932      | 2861          | 2867        | 2881         | rBV      | 11802148       | 16350410      | 100.00%         | 23.018%       |
| 12        | 21.213      | 3081          | 3085        | 3092         | rBV      | 431076         | 660180        | 4.04%           | 0.929%        |
| 13        | 21.572      | 3140          | 3146        | 3157         | rBV      | 2366757        | 3967247       | 24.26%          | 5.585%        |
| 14        | 24.744      | 3677          | 3686        | 3697         | rBV      | 1376082        | 4001547       | 24.47%          | 5.633%        |

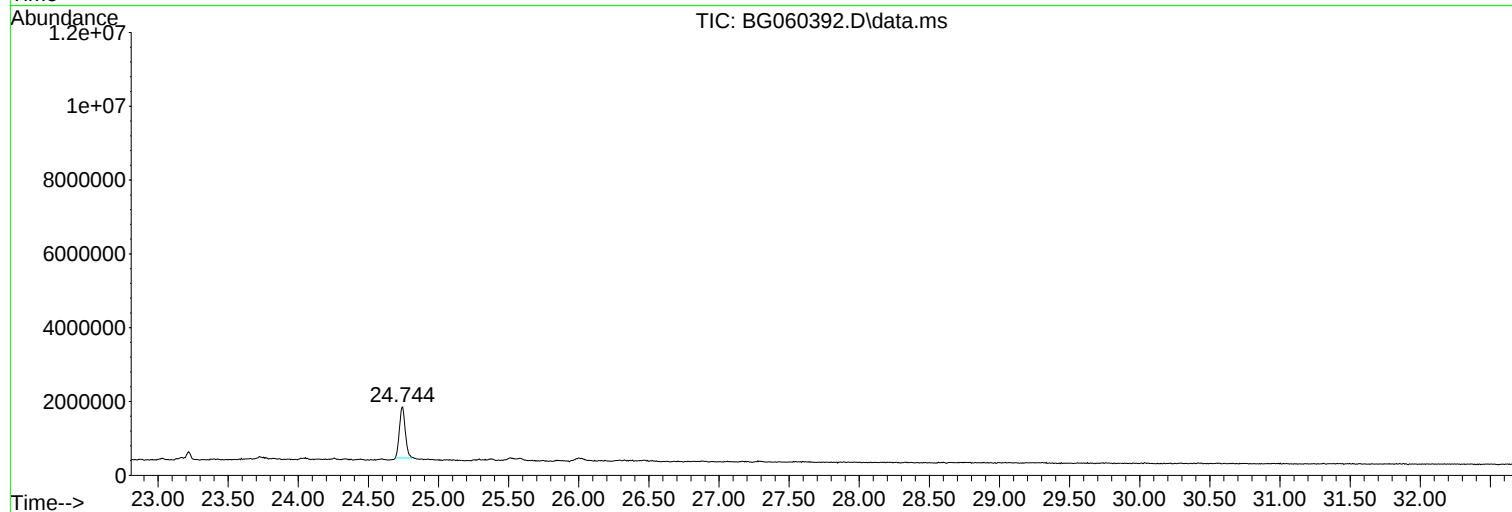
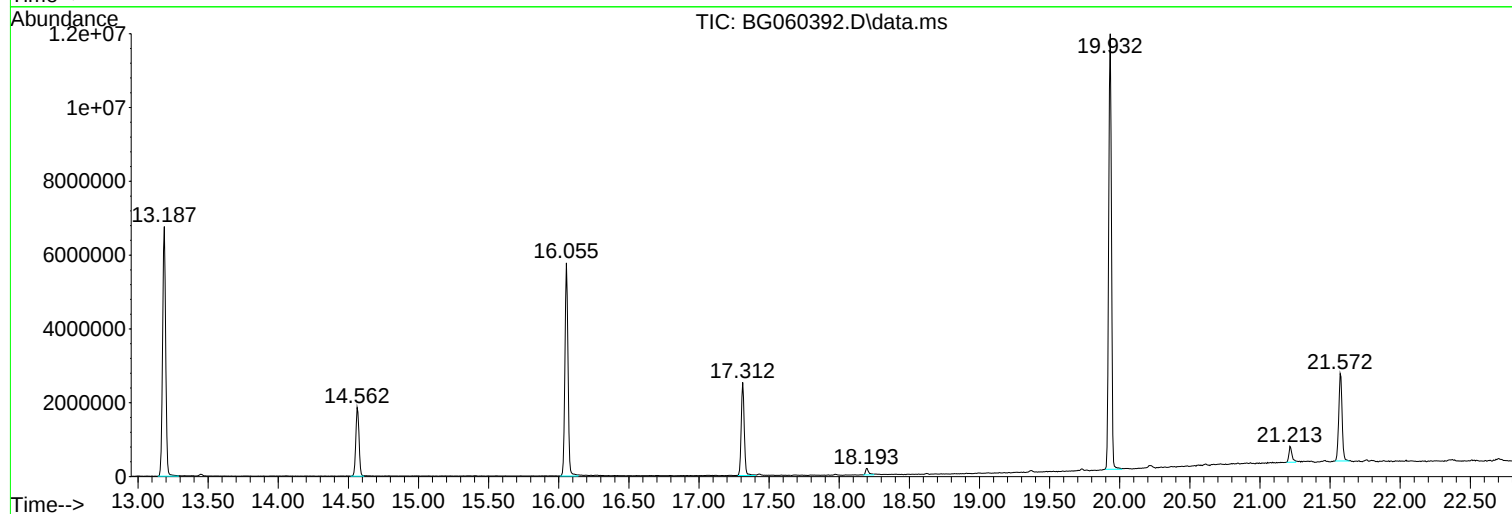
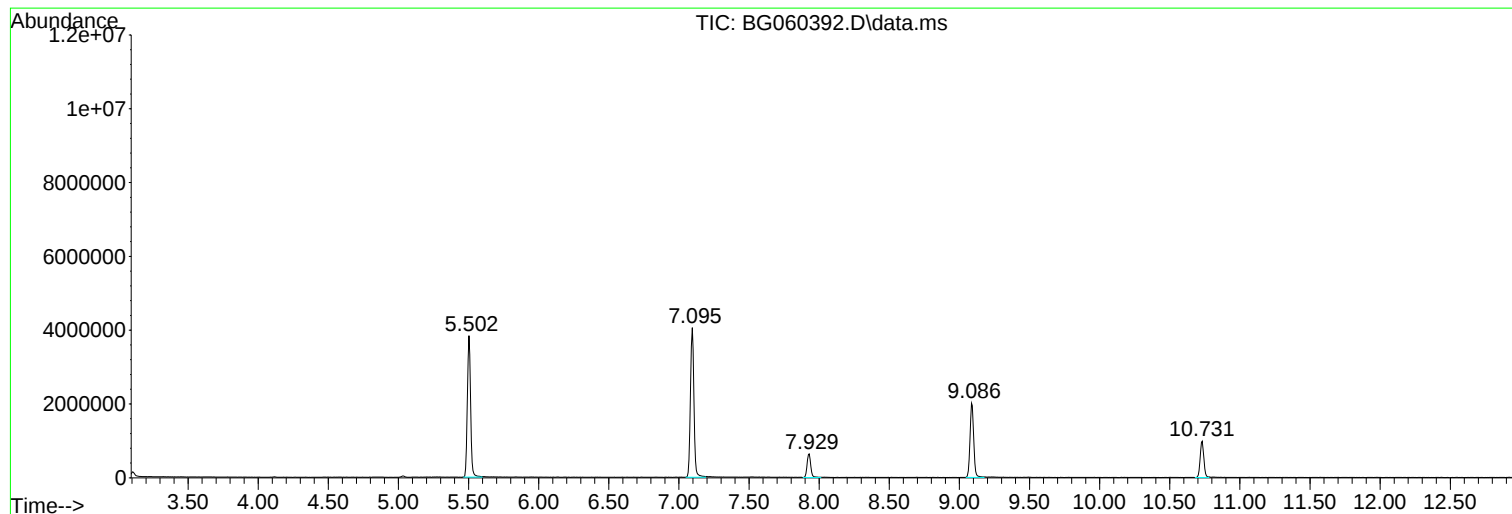
Sum of corrected areas: 71031874

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.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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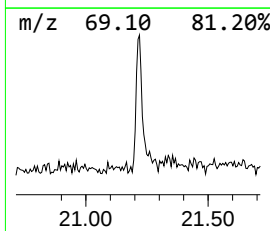
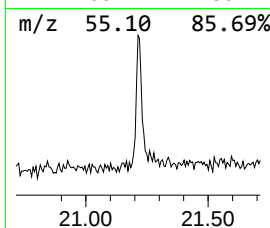
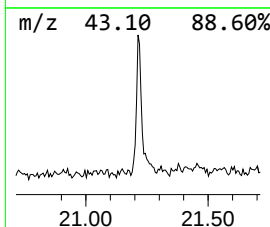
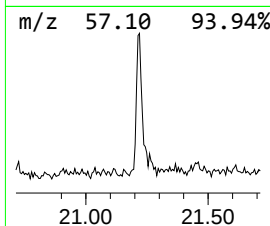
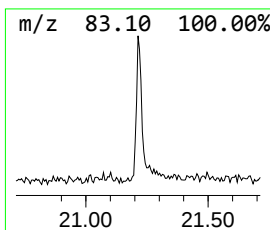
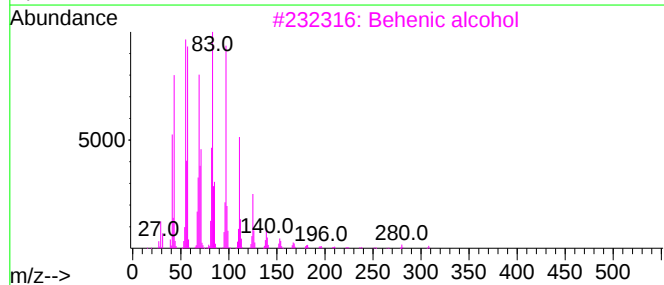
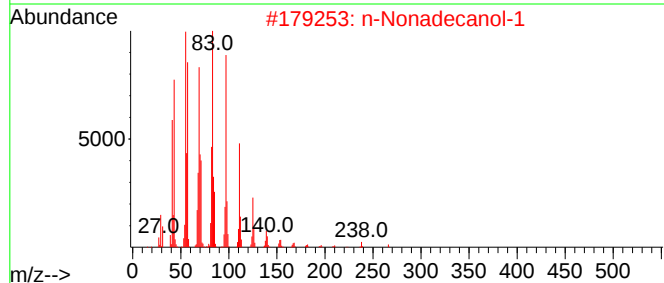
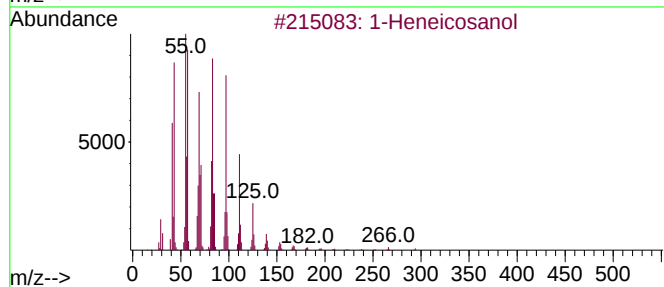
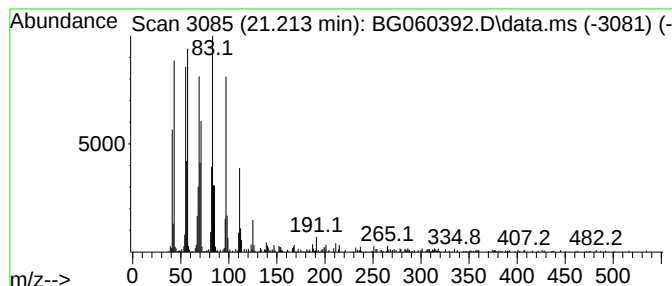
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 1-Heneicosanol Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.213 | 3.33 ng | 660180 | Chrysene-d12     | 21.572 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Heneicosanol   | 312 | C21H44O | 015594-90-8 | 91   |
| 2    |    |   | n-Nonadecanol-1  | 284 | C19H40O | 001454-84-8 | 91   |
| 3    |    |   | Behenic alcohol  | 326 | C22H46O | 000661-19-8 | 91   |
| 4    |    |   | n-Heptadecanol-1 | 256 | C17H36O | 001454-85-9 | 90   |
| 5    |    |   | 1-Octadecanol    | 270 | C18H38O | 000112-92-5 | 90   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| 1-Heneicosanol   | 21.213 | 3.3     | ng    | 660180   | 5                     | 21.572 | 3967250 | 20.0 |