

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112025\  
 Data File : BG064835.D  
 Acq On : 20 Nov 2025 15:41  
 Operator : RC/JU  
 Sample : Q3686-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FAIRLAWN-GRAVEL

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-BG111225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064835.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         | 3.219       | 16            | 22          | 30           | rVB      | 60243          | 95647         | 4.24%           | 0.893%        |
| 2         | 5.217       | 355           | 362         | 369          | rBV      | 125651         | 202426        | 8.98%           | 1.891%        |
| 3         | 5.698       | 437           | 444         | 455          | rBV      | 440608         | 744219        | 33.01%          | 6.951%        |
| 4         | 7.308       | 711           | 718         | 731          | rBV      | 423243         | 784621        | 34.80%          | 7.328%        |
| 5         | 8.160       | 855           | 863         | 876          | rBV      | 171144         | 321038        | 14.24%          | 2.998%        |
| 6         | 9.324       | 1054          | 1061        | 1070         | rBV      | 282062         | 524819        | 23.28%          | 4.901%        |
| 7         | 10.980      | 1334          | 1343        | 1353         | rBV      | 234589         | 448989        | 19.91%          | 4.193%        |
| 8         | 13.401      | 1748          | 1755        | 1765         | rBV      | 926319         | 1498535       | 66.47%          | 13.995%       |
| 9         | 14.059      | 1862          | 1867        | 1870         | rBV6     | 53647          | 104756        | 4.65%           | 0.978%        |
| 10        | 14.212      | 1889          | 1893        | 1897         | rBV4     | 109412         | 224759        | 9.97%           | 2.099%        |
| 11        | 14.253      | 1897          | 1900        | 1904         | rVV      | 118545         | 169522        | 7.52%           | 1.583%        |
| 12        | 14.300      | 1904          | 1908        | 1915         | rVV6     | 134311         | 288997        | 12.82%          | 2.699%        |
| 13        | 14.423      | 1926          | 1929        | 1941         | rVB9     | 71425          | 165461        | 7.34%           | 1.545%        |
| 14        | 14.611      | 1958          | 1961        | 1966         | rVB2     | 209199         | 328704        | 14.58%          | 3.070%        |
| 15        | 14.776      | 1985          | 1989        | 2000         | rVB2     | 500566         | 1029349       | 45.66%          | 9.613%        |
| 16        | 15.569      | 2120          | 2124        | 2129         | rBV3     | 440405         | 758141        | 33.63%          | 7.081%        |
| 17        | 16.503      | 2280          | 2283        | 2290         | rBV      | 1488086        | 2254578       | 100.00%         | 21.056%       |
| 18        | 25.029      | 3727          | 3734        | 3747         | rVB      | 256852         | 762811        | 33.83%          | 7.124%        |

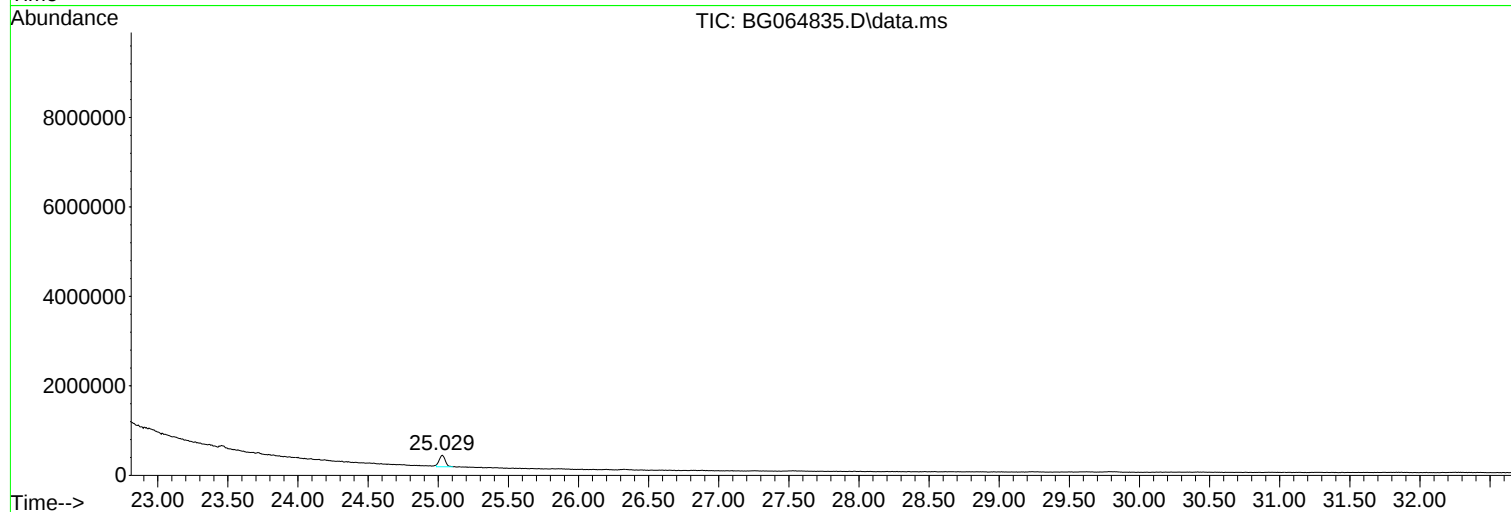
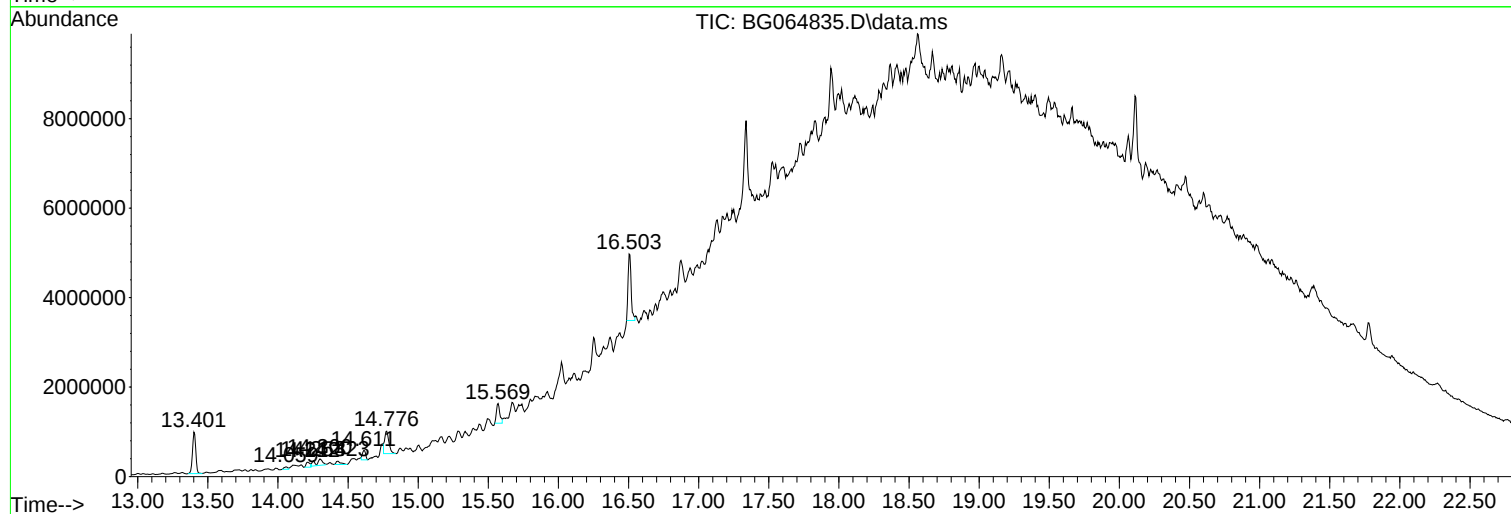
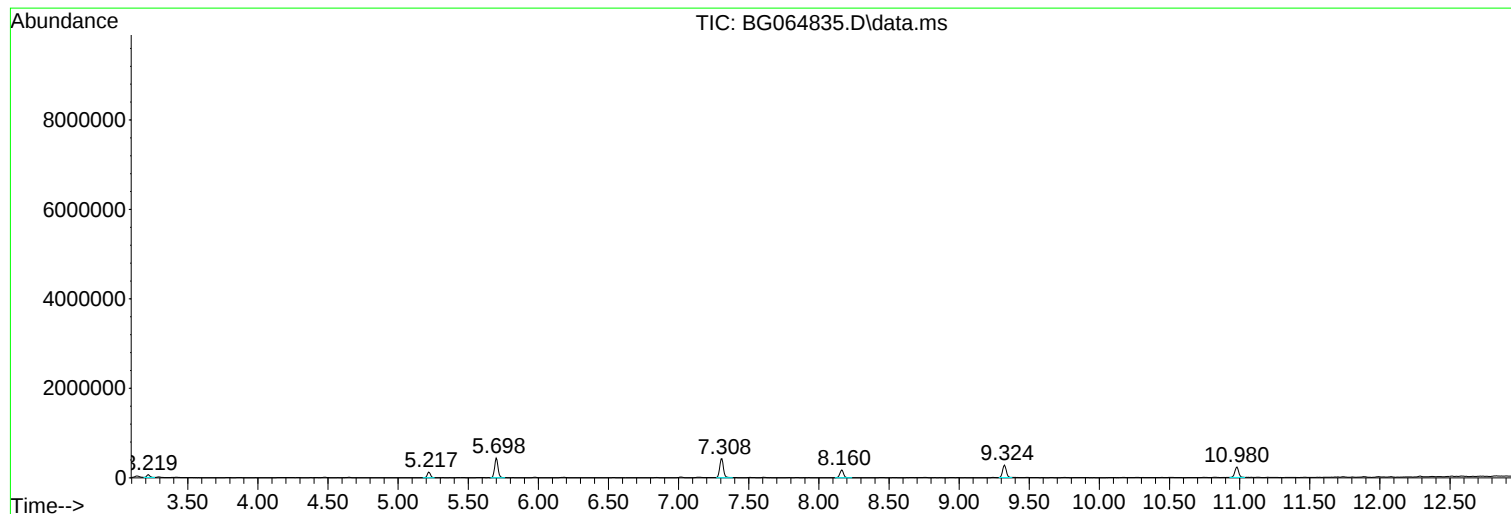
Sum of corrected areas: 10707372

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ClientSampleId :  
FAIRLAWN-GRAVEL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.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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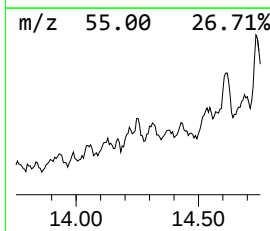
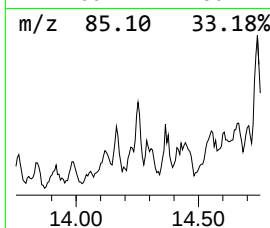
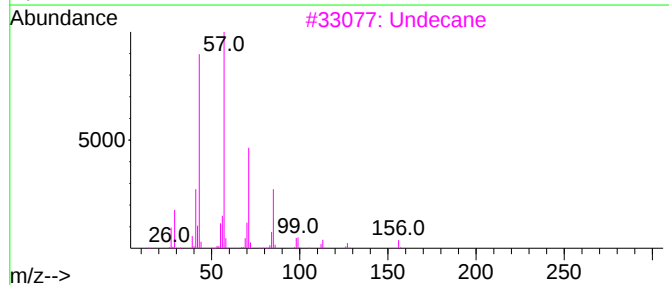
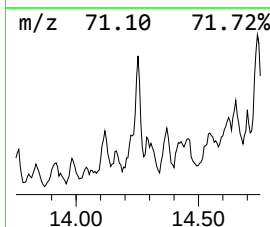
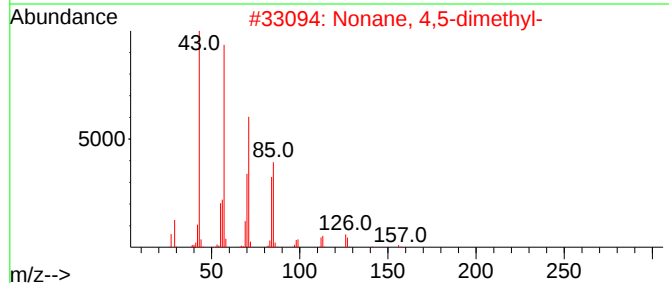
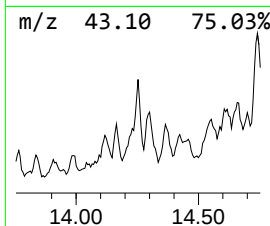
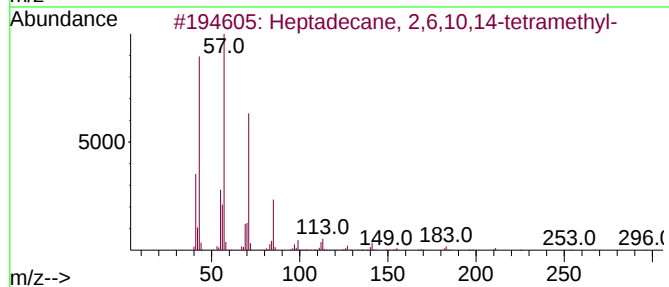
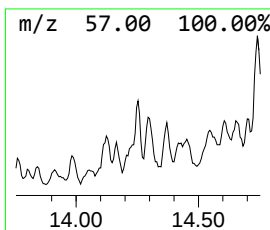
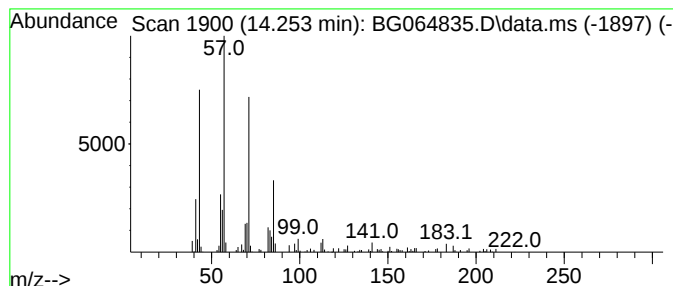
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Heptadecane, 2,6,10,14-tetr... Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.253 | 3.29 ng | 169522 | Acenaphthene-d10 | 14.770 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44  | 018344-37-1 | 86   |
| 2    |    |   | Nonane, 4,5-dimethyl-               | 156 | C11H24  | 017302-23-7 | 83   |
| 3    |    |   | Undecane                            | 156 | C11H24  | 001120-21-4 | 80   |
| 4    |    |   | Decane, 2-methyl-                   | 156 | C11H24  | 006975-98-0 | 80   |
| 5    |    |   | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 72   |



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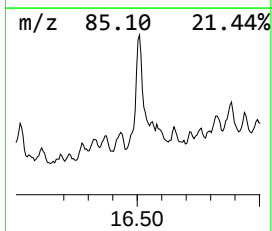
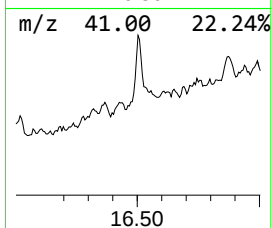
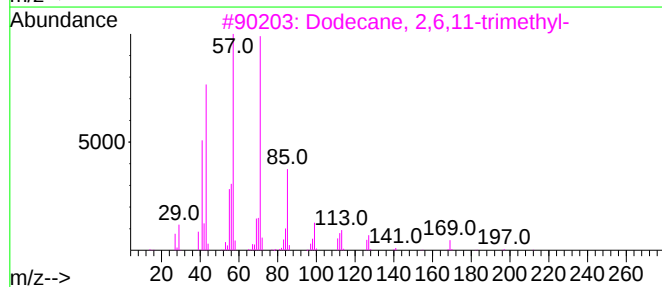
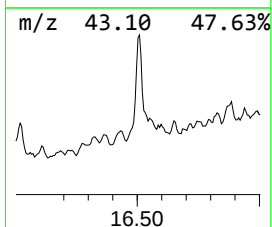
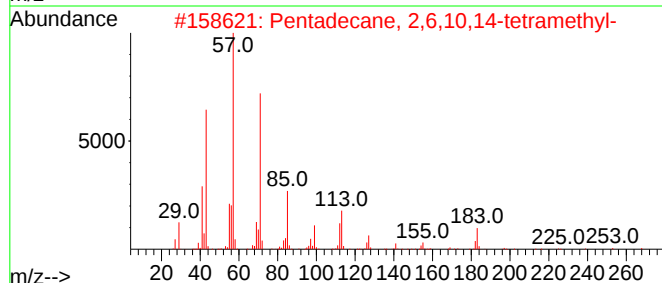
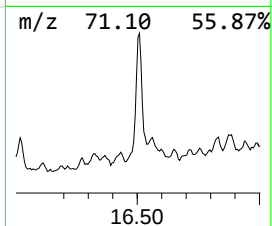
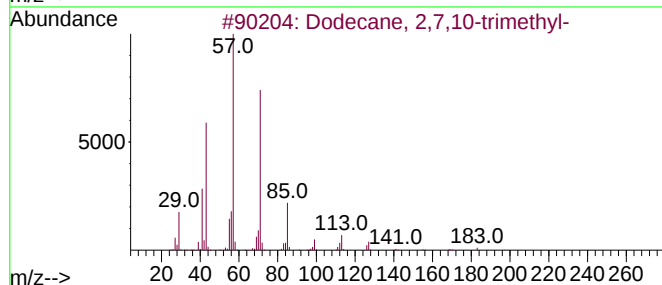
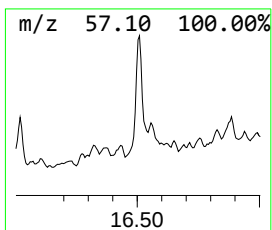
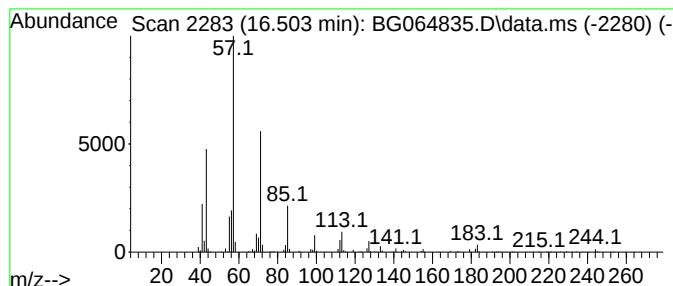
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Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|---------|-------------|------|
| 16.503    | 20.00 ng                            | 2254580 | Phenanthrene-d10 |         | 17.520      |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm | CAS#        | Qual |
| 1         | Dodecane, 2,7,10-trimethyl-         |         | 212              | C15H32  | 074645-98-0 | 91   |
| 2         | Pentadecane, 2,6,10,14-tetramethyl- |         | 268              | C19H40  | 001921-70-6 | 83   |
| 3         | Dodecane, 2,6,11-trimethyl-         |         | 212              | C15H32  | 031295-56-4 | 80   |
| 4         | Hexadecane                          |         | 226              | C16H34  | 000544-76-3 | 76   |
| 5         | Tridecane, 5-propyl-                |         | 226              | C16H34  | 055045-11-9 | 74   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Heptadecane, 2,... | 14.253 | 3.3     | ng    | 169522   | 3                     | 14.770 | 1029350 | 20.0 |
| Dodecane, 2,7,1... | 16.503 | 20.0    | ng    | 2254580  | 4                     | 17.520 | 2254580 | 20.0 |