

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031017\  
 Data File : BG026172.D  
 Acq On : 10 Mar 2017 14:06  
 Operator : SJ/MA  
 Sample : I2180-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0BE9

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030717MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| 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         | 7.213       | 697           | 702         | 710          | rVB      | 73822          | 131440        | 4.11%           | 0.472%        |
| 2         | 7.383       | 725           | 731         | 741          | rVB      | 362825         | 587312        | 18.34%          | 2.110%        |
| 3         | 7.595       | 761           | 767         | 775          | rVB      | 318670         | 539852        | 16.86%          | 1.940%        |
| 4         | 8.065       | 840           | 847         | 858          | rVB      | 374976         | 633898        | 19.80%          | 2.278%        |
| 5         | 8.758       | 958           | 965         | 972          | rBV      | 218177         | 372155        | 11.62%          | 1.337%        |
| 6         | 9.216       | 1036          | 1043        | 1053         | rVB      | 392711         | 704339        | 22.00%          | 2.531%        |
| 7         | 9.669       | 1114          | 1120        | 1127         | rVB4     | 29555          | 52380         | 1.64%           | 0.188%        |
| 8         | 9.939       | 1159          | 1166        | 1175         | rBV      | 253740         | 441185        | 13.78%          | 1.585%        |
| 9         | 10.480      | 1251          | 1258        | 1269         | rBV      | 447928         | 787074        | 24.58%          | 2.828%        |
| 10        | 10.862      | 1315          | 1323        | 1330         | rBV      | 528621         | 943791        | 29.48%          | 3.391%        |
| 11        | 13.476      | 1761          | 1768        | 1777         | rVB2     | 95468          | 150095        | 4.69%           | 0.539%        |
| 12        | 13.676      | 1796          | 1802        | 1808         | rVB      | 50187          | 78284         | 2.44%           | 0.281%        |
| 13        | 14.064      | 1861          | 1868        | 1875         | rBV      | 950165         | 1349980       | 42.16%          | 4.851%        |
| 14        | 14.363      | 1911          | 1919        | 1925         | rBV      | 1226297        | 1914918       | 59.81%          | 6.881%        |
| 15        | 14.669      | 1960          | 1971        | 1978         | rBV2     | 822715         | 1348976       | 42.13%          | 4.848%        |
| 16        | 14.845      | 1995          | 2001        | 2008         | rBV2     | 48395          | 86866         | 2.71%           | 0.312%        |
| 17        | 15.650      | 2131          | 2138        | 2146         | rBV      | 1561046        | 2420733       | 75.60%          | 8.699%        |
| 18        | 15.762      | 2150          | 2157        | 2166         | rBV      | 319430         | 457669        | 14.29%          | 1.645%        |
| 19        | 17.395      | 2428          | 2435        | 2445         | rBV      | 1096429        | 1671837       | 52.21%          | 6.008%        |
| 20        | 17.495      | 2445          | 2452        | 2466         | rVB      | 1764416        | 2614447       | 81.65%          | 9.395%        |
| 21        | 19.769      | 2832          | 2839        | 2852         | rBV      | 2177592        | 3201885       | 100.00%         | 11.506%       |
| 22        | 21.643      | 3151          | 3158        | 3168         | rBV      | 1248235        | 2027696       | 63.33%          | 7.286%        |
| 23        | 23.923      | 3540          | 3546        | 3551         | rVB6     | 22032          | 43507         | 1.36%           | 0.156%        |
| 24        | 24.616      | 3653          | 3664        | 3678         | rBV3     | 1090685        | 2958864       | 92.41%          | 10.633%       |
| 25        | 24.833      | 3690          | 3701        | 3715         | rBV2     | 761242         | 2128829       | 66.49%          | 7.650%        |
| 26        | 25.979      | 3889          | 3896        | 3908         | rVB4     | 31922          | 88853         | 2.78%           | 0.319%        |
| 27        | 27.313      | 4115          | 4123        | 4133         | rVB4     | 30386          | 91319         | 2.85%           | 0.328%        |

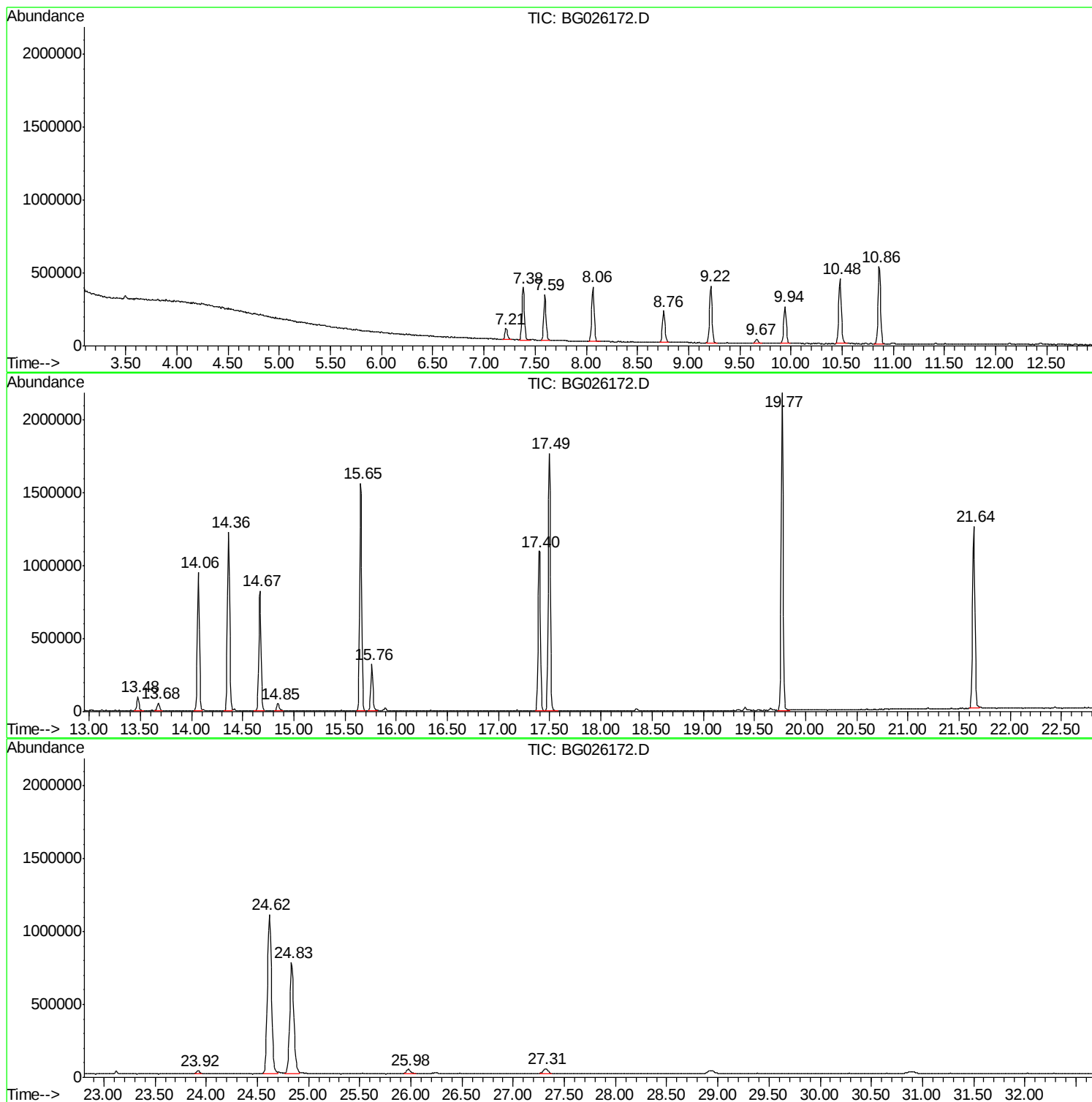
Sum of corrected areas: 27828184

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030717MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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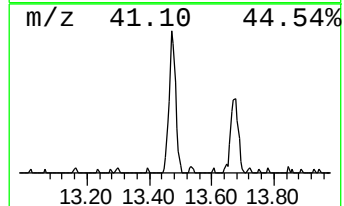
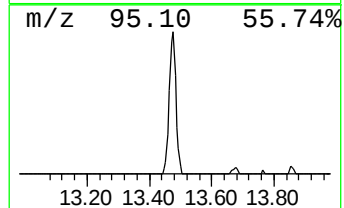
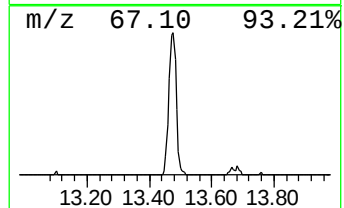
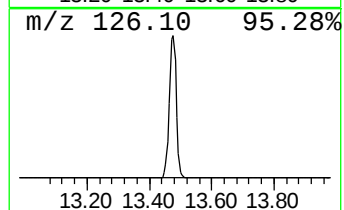
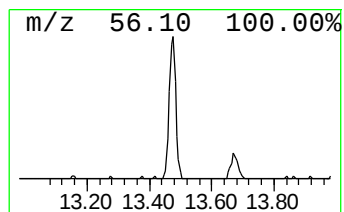
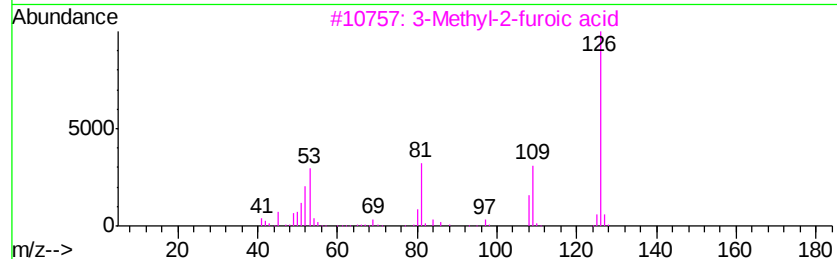
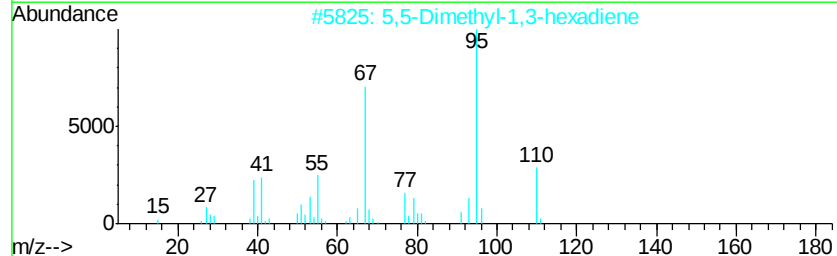
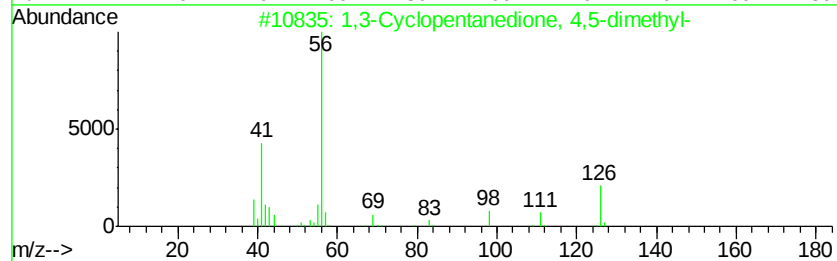
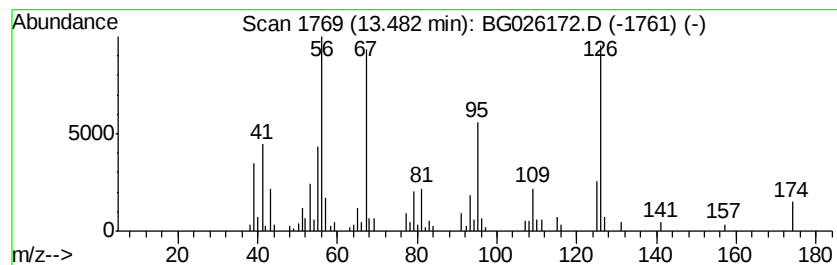
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 13.48 | 2.23 ng/ul | 150095 | Acenaphthene-d10 | 14.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1,3-Cyclopentanedione, 4,5-dimet... | 126 | C7H10O2 | 035029-05-1 | 35   |
| 2    |    | 5,5-Dimethyl-1,3-hexadiene          | 110 | C8H14   | 001515-79-3 | 25   |
| 3    |    | 3-Methyl-2-furoic acid              | 126 | C6H6O3  | 004412-96-8 | 25   |
| 4    |    | 3-Octyne, 7-methyl-                 | 124 | C9H16   | 037050-06-9 | 22   |
| 5    |    | Ketone, 1,5-dimethylbicyclo[2.1.... | 138 | C9H14O  | 024081-57-0 | 22   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown-01       | 13.48 | 2.2     | ng/ul | 150095   | 3                     | 14.67 | 1348980 | 20.0 |