

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\  
 Data File : BG036540.D  
 Acq On : 4 Sep 2018 20:25  
 Operator : JU/SJ  
 Sample : PB112577BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB112577BL

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-BG082318.M  
 Title : ASP BNA STANDARDS FOR 5 POINT 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         | 5.163       | 314           | 319         | 327          | rVB      | 47207          | 71137         | 1.43%           | 0.293%        |
| 2         | 5.627       | 389           | 398         | 412          | rBV      | 1185213        | 1868345       | 37.53%          | 7.708%        |
| 3         | 7.213       | 659           | 668         | 680          | rBV      | 1204281        | 2056784       | 41.31%          | 8.485%        |
| 4         | 7.589       | 724           | 732         | 740          | rBV      | 1122538        | 1900811       | 38.18%          | 7.842%        |
| 5         | 8.059       | 805           | 812         | 820          | rBV      | 228571         | 389461        | 7.82%           | 1.607%        |
| 6         | 8.383       | 858           | 867         | 875          | rBV      | 828609         | 1431239       | 28.75%          | 5.904%        |
| 7         | 9.217       | 1001          | 1009        | 1018         | rBV      | 676985         | 1217294       | 24.45%          | 5.022%        |
| 8         | 10.862      | 1281          | 1289        | 1298         | rBV      | 312320         | 558079        | 11.21%          | 2.302%        |
| 9         | 13.306      | 1698          | 1705        | 1714         | rBV      | 1905721        | 2989460       | 60.04%          | 12.333%       |
| 10        | 14.681      | 1932          | 1939        | 1949         | rBV2     | 530617         | 827591        | 16.62%          | 3.414%        |
| 11        | 16.168      | 2185          | 2192        | 2210         | rBV      | 1448471        | 2291139       | 46.02%          | 9.452%        |
| 12        | 17.425      | 2399          | 2406        | 2416         | rBV2     | 761061         | 1116141       | 22.42%          | 4.604%        |
| 13        | 20.034      | 2843          | 2850        | 2859         | rBV      | 3779183        | 4978809       | 100.00%         | 20.539%       |
| 14        | 21.691      | 3124          | 3132        | 3147         | rBV2     | 786511         | 1334975       | 26.81%          | 5.507%        |
| 15        | 24.899      | 3667          | 3678        | 3693         | rBV2     | 406313         | 1209049       | 24.28%          | 4.988%        |

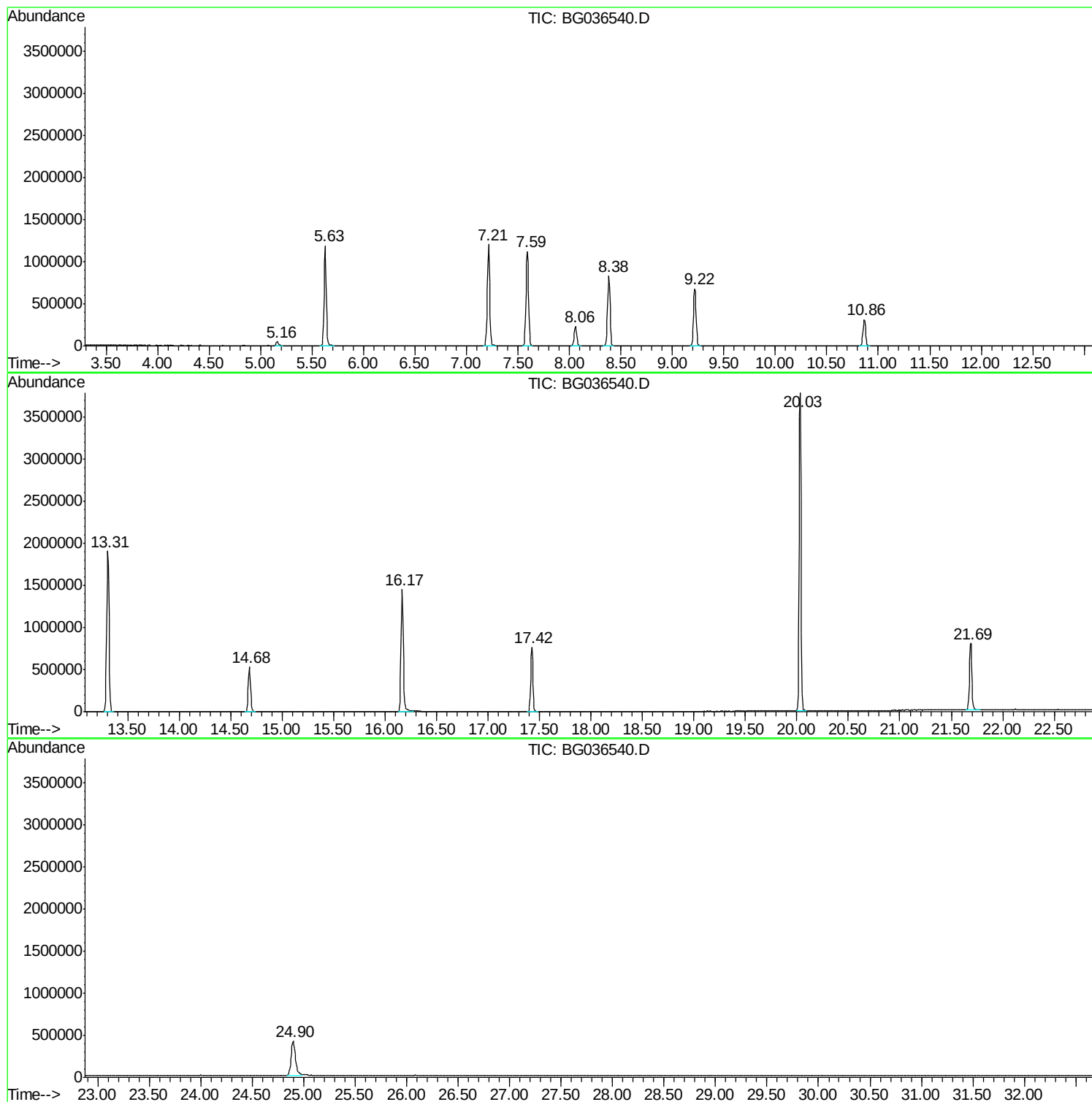
Sum of corrected areas: 24240314

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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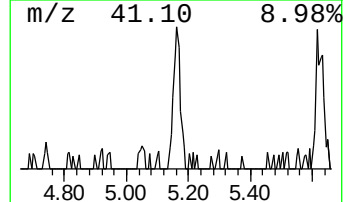
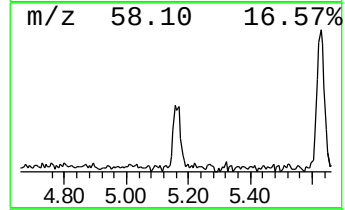
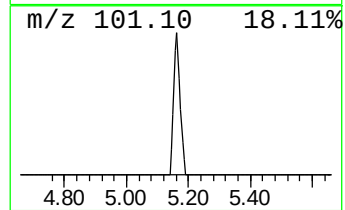
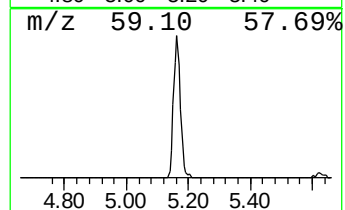
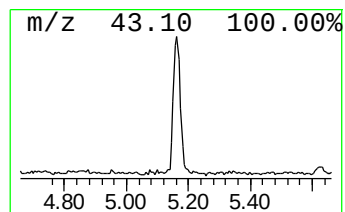
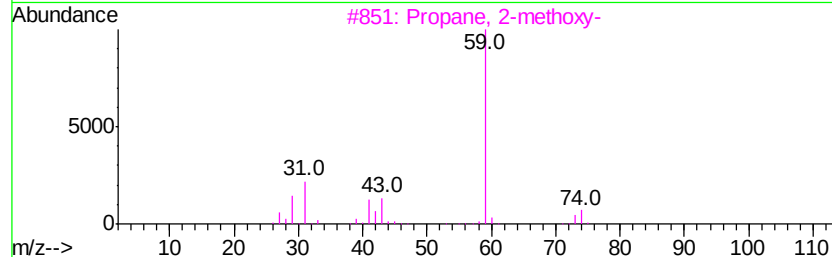
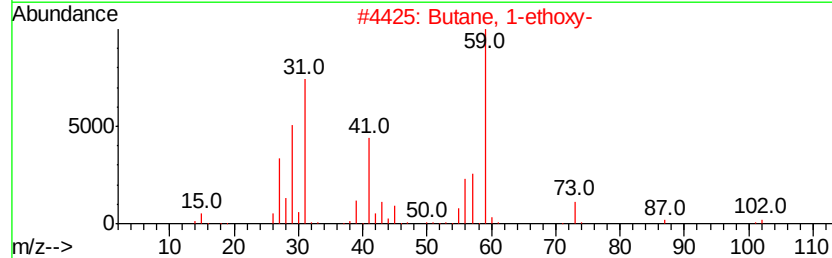
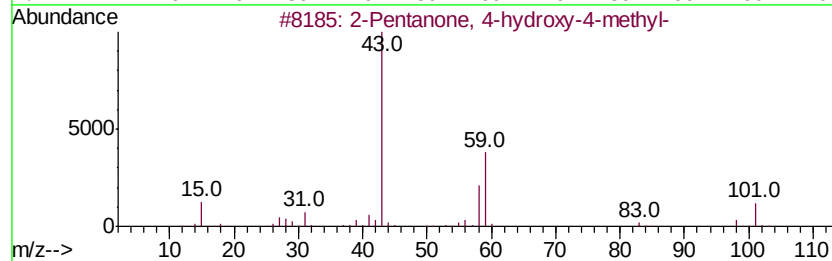
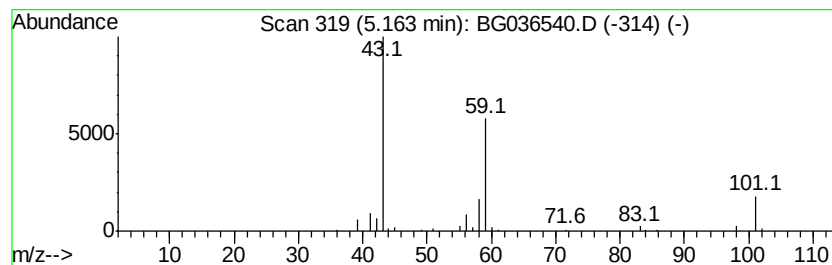
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.16 | 3.65 ng | 71137 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 39   |
| 2    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O  | 000628-81-9 | 9    |
| 3    |    |   | Propane, 2-methoxy-                 | 74  | C4H10O  | 000598-53-8 | 9    |
| 4    |    |   | Butyl aldoxime, 3-methyl-, syn-     | 101 | C5H11NO | 005780-40-5 | 9    |
| 5    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 9    |



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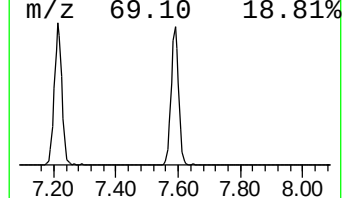
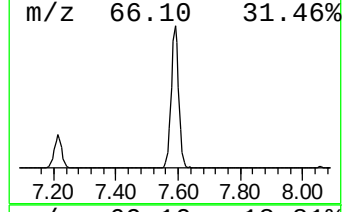
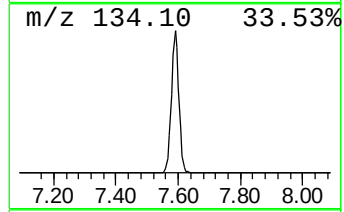
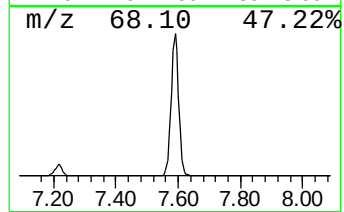
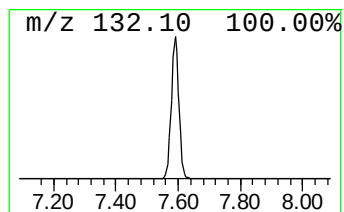
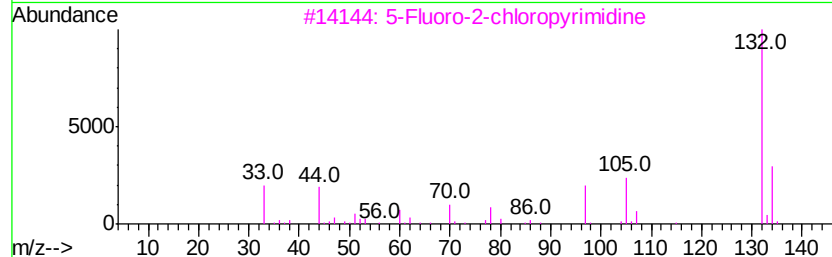
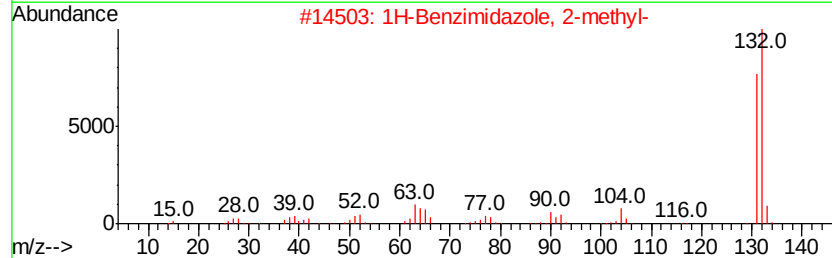
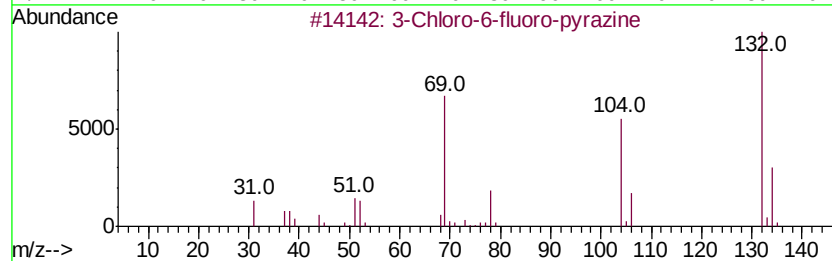
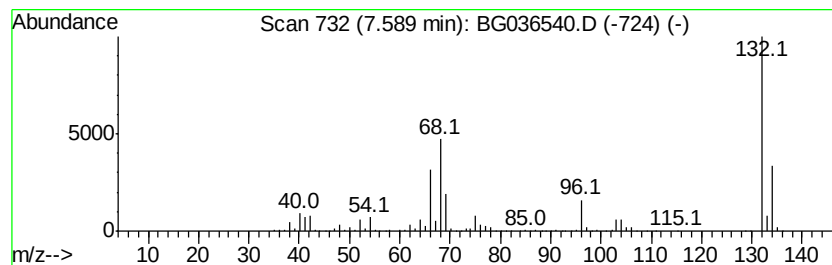
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Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.59 | 97.61 ng | 1900810 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|-----------------------------------|-----|-----------|--------------|------|
| 1    | 3  | Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    | 1H | Benzimidazole, 2-methyl-          | 132 | C8H8N2    | 000615-15-6  | 22   |
| 3    | 5  | Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 4    | N  | (-3,4-Methylenedioxyphenylisop... | 267 | C17H17NO2 | 1000378-96-6 | 10   |
| 5    | (5 | Methyl-2-pyridyl)acetonitrile     | 132 | C8H8N2    | 1000241-93-9 | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.16 | 3.6     | ng    | 71137    | 1                     | 8.06 | 389461 | 20.0 |
| unknown7.59          | 7.59 | 97.6    | ng    | 1900810  | 1                     | 8.06 | 389461 | 20.0 |