

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\  
 Data File : BM022488.D  
 Acq On : 01 Sep 2019 21:53  
 Operator : HP/JU  
 Sample : K4555-21  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TW-2

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\_M\METHODS\8270-BM082919.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         | 5.128       | 360           | 364         | 379          | rBV      | 77218          | 127602        | 9.93%           | 3.158%        |
| 2         | 6.710       | 628           | 633         | 645          | rBV      | 36879          | 73016         | 5.68%           | 1.807%        |
| 3         | 7.040       | 684           | 689         | 702          | rBV      | 168012         | 287010        | 22.34%          | 7.102%        |
| 4         | 7.504       | 763           | 768         | 775          | rBB      | 40487          | 60106         | 4.68%           | 1.487%        |
| 5         | 7.810       | 815           | 820         | 831          | rBB      | 165862         | 274480        | 21.37%          | 6.792%        |
| 6         | 8.681       | 962           | 968         | 987          | rBV      | 86476          | 200515        | 15.61%          | 4.962%        |
| 7         | 10.287      | 1235          | 1241        | 1257         | rBB      | 30233          | 69546         | 5.41%           | 1.721%        |
| 8         | 12.775      | 1658          | 1664        | 1683         | rBV      | 254741         | 465063        | 36.20%          | 11.508%       |
| 9         | 14.174      | 1897          | 1902        | 1914         | rBB2     | 55311          | 97608         | 7.60%           | 2.415%        |
| 10        | 15.686      | 2154          | 2159        | 2176         | rBB      | 269311         | 468442        | 36.47%          | 11.592%       |
| 11        | 16.951      | 2368          | 2374        | 2389         | rBV2     | 63765          | 126056        | 9.81%           | 3.119%        |
| 12        | 19.580      | 2816          | 2821        | 2831         | rBV      | 1021763        | 1284595       | 100.00%         | 31.788%       |
| 13        | 21.162      | 3085          | 3090        | 3099         | rBV      | 156911         | 240332        | 18.71%          | 5.947%        |
| 14        | 23.156      | 3427          | 3429        | 3434         | rBV5     | 11537          | 13583         | 1.06%           | 0.336%        |
| 15        | 23.344      | 3455          | 3461        | 3471         | rBV2     | 118947         | 253186        | 19.71%          | 6.265%        |

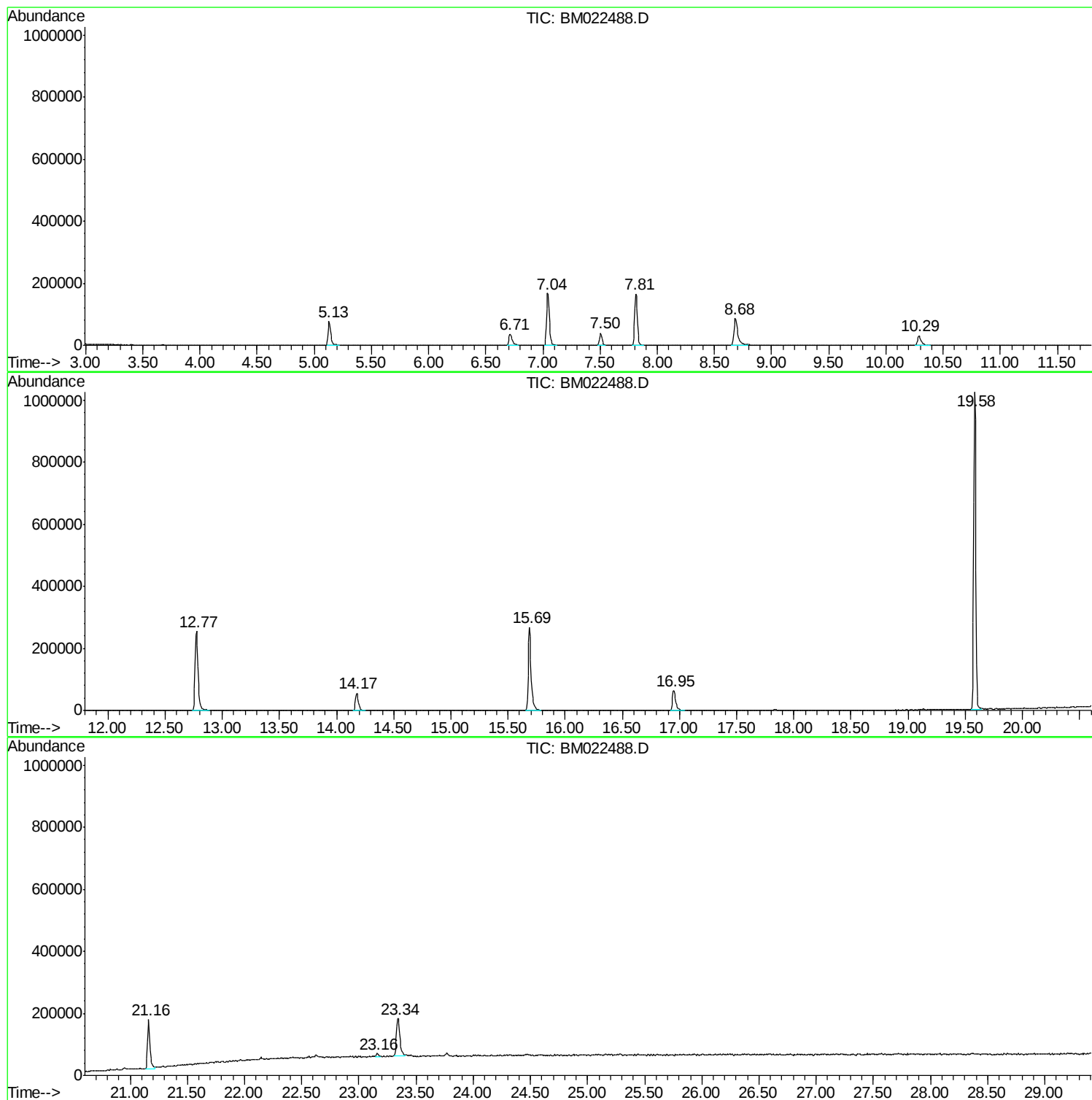
Sum of corrected areas: 4041140

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.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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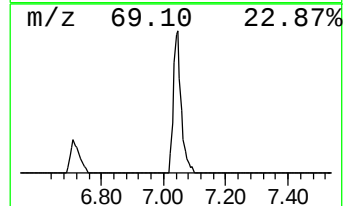
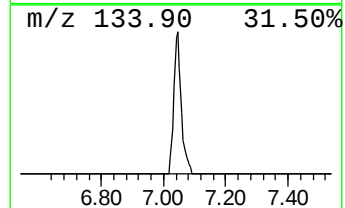
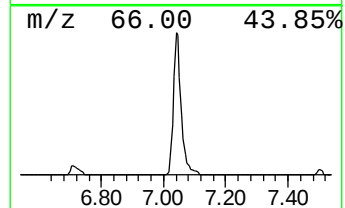
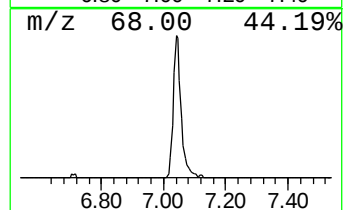
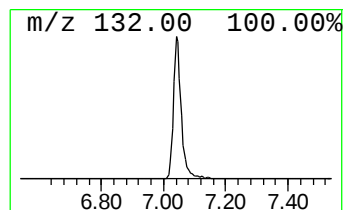
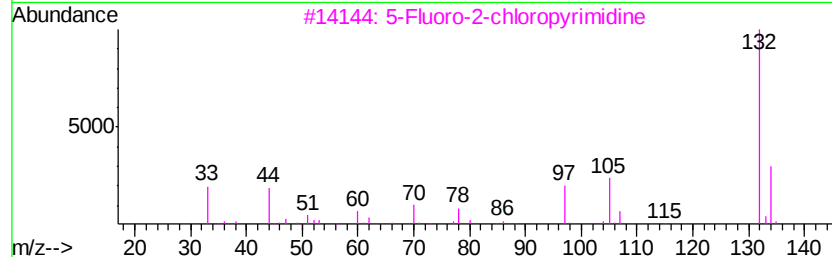
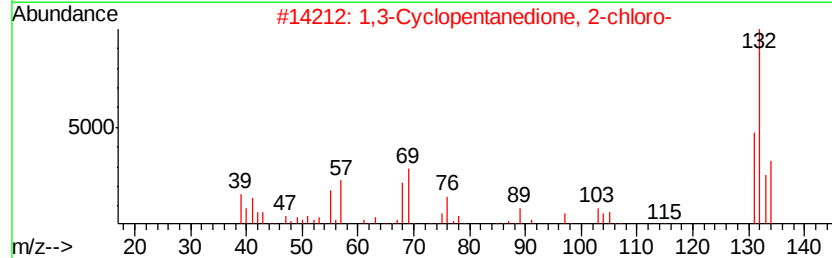
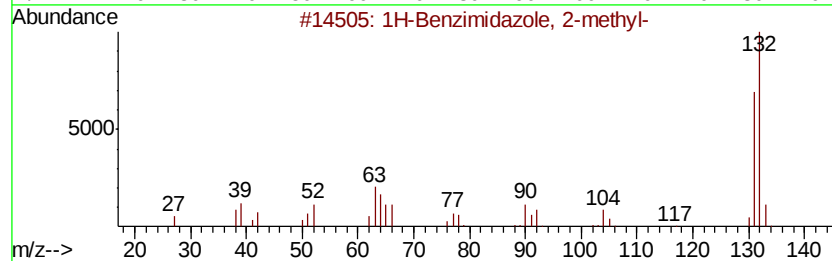
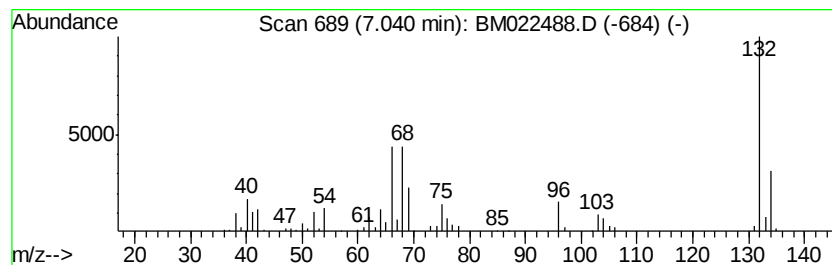
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.04 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.04 | 95.50 ng | 287010 | 1,4-Dichlorobenzene-d4 | 7.50 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 18   |
| 2    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 16   |
| 3    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 14   |
| 4    |    | 3H-1,2-Dithiol-3-one, 5-methyl-  | 132 | C4H4OS2   | 003620-08-4  | 14   |
| 5    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 14   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |       |      |
|------------------|------|---------|-------|----------|-----------------------|------|-------|------|
|                  |      |         |       |          | #                     | RT   | Resp  | Conc |
| unknown7.04      | 7.04 | 95.5    | ng    | 287010   | 1                     | 7.50 | 60106 | 20.0 |