

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\  
 Data File : BM020324.D  
 Acq On : 13 May 2019 19:57  
 Operator : JU/SJ  
 Sample : K2806-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-EF-01-009-ABCD

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM043019.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         | 5.340       | 395           | 400         | 410          | rBV      | 529075         | 806359        | 42.91%          | 7.898%        |
| 2         | 6.928       | 663           | 670         | 687          | rBV      | 487489         | 814738        | 43.35%          | 7.980%        |
| 3         | 7.287       | 725           | 731         | 743          | rBV      | 536206         | 876593        | 46.65%          | 8.586%        |
| 4         | 7.757       | 805           | 811         | 819          | rVB      | 135177         | 223650        | 11.90%          | 2.191%        |
| 5         | 8.075       | 858           | 865         | 875          | rBV      | 419391         | 684026        | 36.40%          | 6.700%        |
| 6         | 8.922       | 1002          | 1009        | 1025         | rBV      | 266355         | 493977        | 26.29%          | 4.839%        |
| 7         | 10.551      | 1279          | 1286        | 1295         | rBV      | 144296         | 260321        | 13.85%          | 2.550%        |
| 8         | 13.021      | 1699          | 1706        | 1720         | rBV      | 733362         | 1167187       | 62.11%          | 11.433%       |
| 9         | 13.863      | 1842          | 1849        | 1867         | rVB      | 49085          | 76491         | 4.07%           | 0.749%        |
| 10        | 14.404      | 1934          | 1941        | 1954         | rBV2     | 239090         | 368419        | 19.60%          | 3.609%        |
| 11        | 15.898      | 2189          | 2195        | 2211         | rBV      | 585401         | 900166        | 47.90%          | 8.817%        |
| 12        | 17.157      | 2403          | 2409        | 2422         | rBV2     | 297000         | 461124        | 24.54%          | 4.517%        |
| 13        | 18.033      | 2554          | 2558        | 2564         | rBV3     | 22787          | 36828         | 1.96%           | 0.361%        |
| 14        | 19.780      | 2850          | 2855        | 2865         | rBV      | 1441347        | 1879235       | 100.00%         | 18.407%       |
| 15        | 21.039      | 3066          | 3069        | 3075         | rBV6     | 26914          | 39779         | 2.12%           | 0.390%        |
| 16        | 21.344      | 3116          | 3121        | 3127         | rBV      | 385677         | 571135        | 30.39%          | 5.594%        |
| 17        | 23.627      | 3504          | 3509        | 3520         | rVB2     | 257029         | 549099        | 29.22%          | 5.379%        |

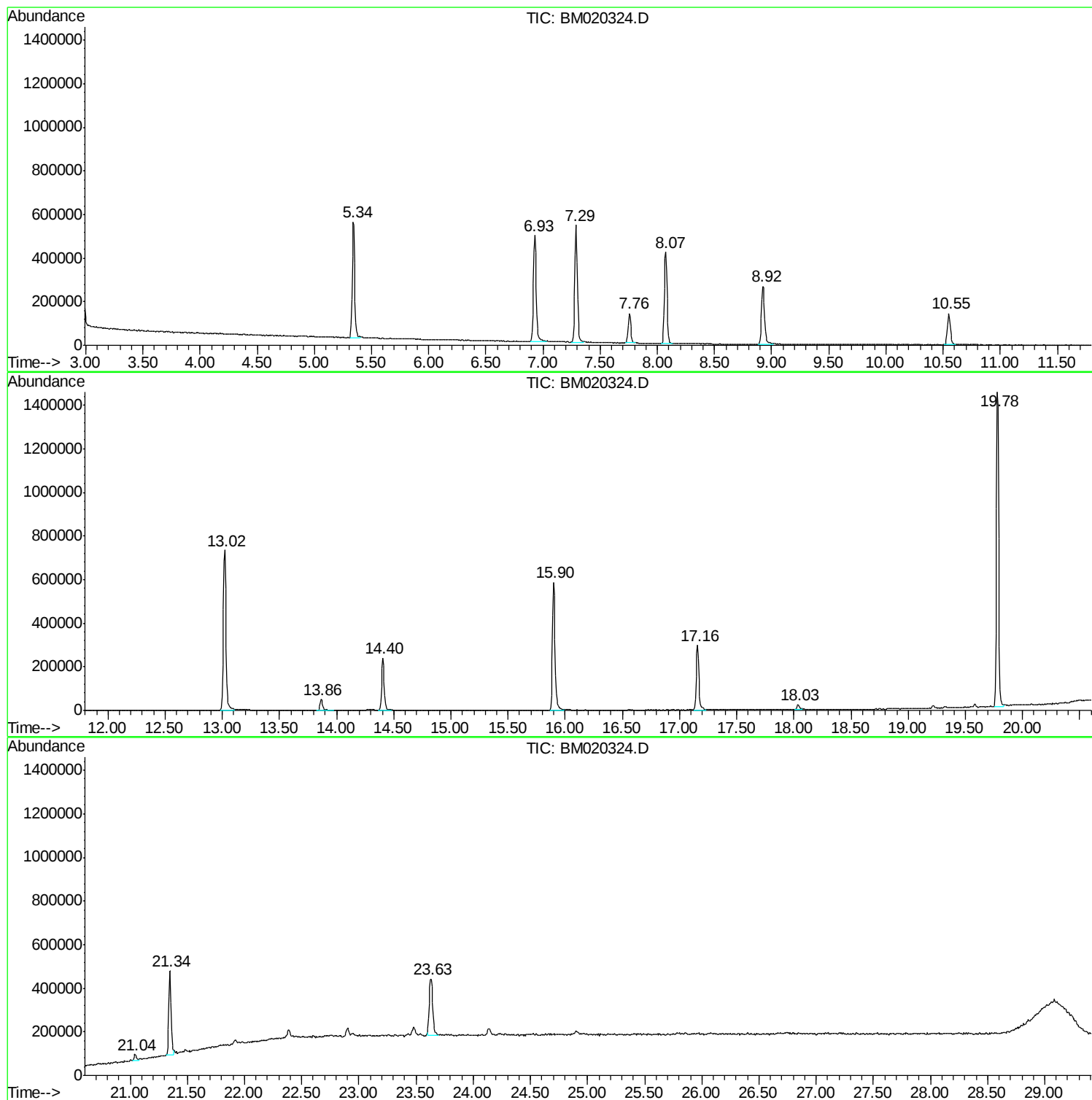
Sum of corrected areas: 10209127

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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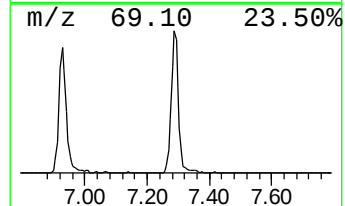
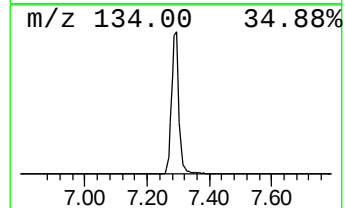
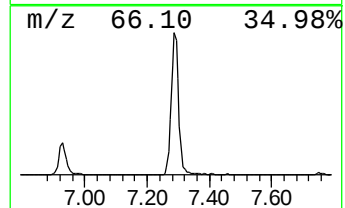
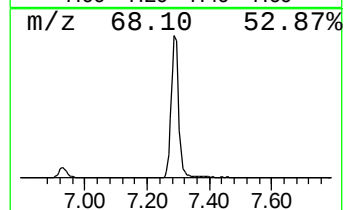
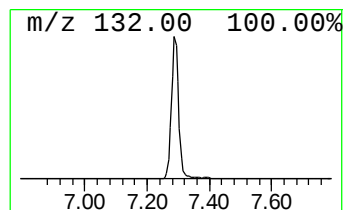
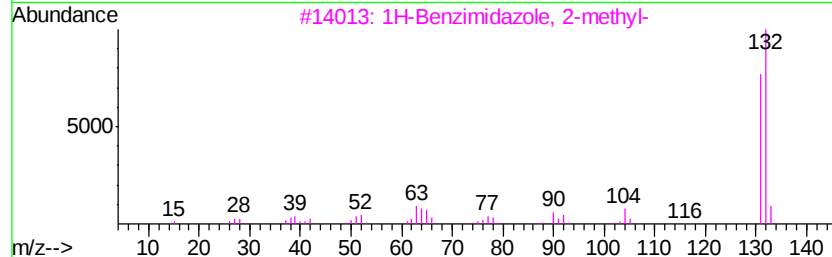
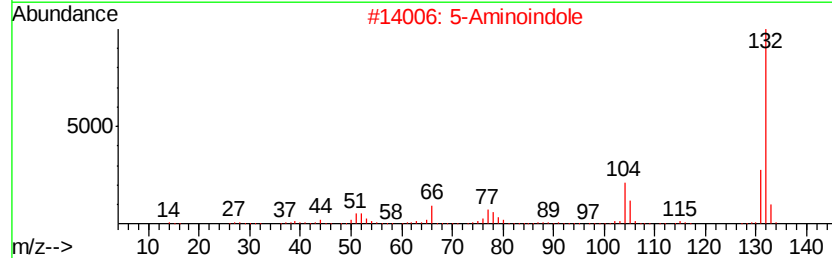
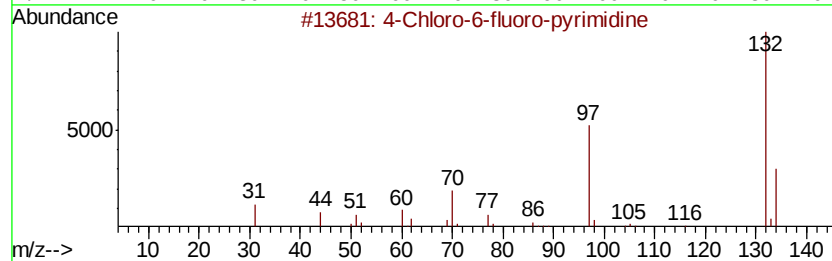
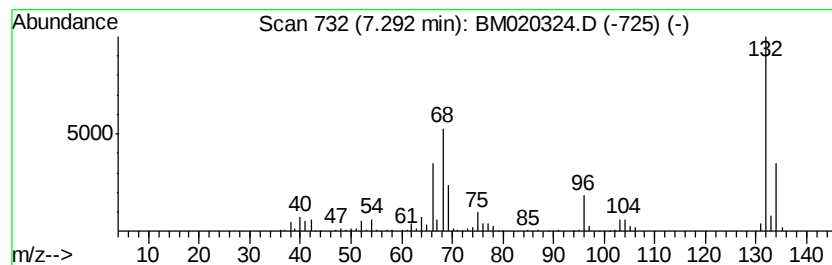
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.29 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.29 | 78.39 ng | 876593 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|---|------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    |   | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 22   |
| 3    |    |   | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    |   | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 5    |    |   | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 12   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                  |      |         |       |          | #                       | RT   | Resp   | Conc |
| unknown7.29      | 7.29 | 78.4    | ng    | 876593   | 1                       | 7.76 | 223650 | 20.0 |