

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\  
 Data File : BM018786.D  
 Acq On : 12 Feb 2019 23:20  
 Operator : JU/SJ  
 Sample : K1460-07  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FB-20190208

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-BM021119.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         | 5.304       | 371           | 377         | 389          | rBV      | 2945924        | 4283505       | 15.15%          | 3.655%        |
| 2         | 6.887       | 639           | 646         | 665          | rBV      | 1683376        | 2727672       | 9.64%           | 2.327%        |
| 3         | 7.251       | 700           | 708         | 727          | rBV      | 5713759        | 9189639       | 32.49%          | 7.840%        |
| 4         | 7.710       | 780           | 786         | 793          | rBV      | 1328864        | 2123521       | 7.51%           | 1.812%        |
| 5         | 8.034       | 831           | 841         | 853          | rBV      | 4948514        | 8145375       | 28.80%          | 6.949%        |
| 6         | 8.881       | 977           | 985         | 1000         | rBV      | 4220202        | 7048746       | 24.92%          | 6.014%        |
| 7         | 10.504      | 1250          | 1261        | 1274         | rBV      | 1738480        | 2925712       | 10.34%          | 2.496%        |
| 8         | 12.980      | 1674          | 1682        | 1705         | rBV      | 11088106       | 16494122      | 58.32%          | 14.072%       |
| 9         | 14.363      | 1910          | 1917        | 1933         | rBV2     | 2678624        | 4124676       | 14.58%          | 3.519%        |
| 10        | 15.862      | 2165          | 2172        | 2190         | rBV      | 9827142        | 13986250      | 49.45%          | 11.933%       |
| 11        | 17.115      | 2378          | 2385        | 2396         | rBV      | 3771604        | 5205433       | 18.41%          | 4.441%        |
| 12        | 19.750      | 2827          | 2833        | 2838         | rBV      | 23846145       | 28282045      | 100.00%         | 24.129%       |
| 13        | 20.439      | 2946          | 2950        | 2952         | rBV      | 394431         | 481126        | 1.70%           | 0.410%        |
| 14        | 20.486      | 2956          | 2958        | 2965         | rVB      | 244814         | 328519        | 1.16%           | 0.280%        |
| 15        | 21.309      | 3092          | 3098        | 3106         | rBV      | 4897690        | 6280528       | 22.21%          | 5.358%        |
| 16        | 23.568      | 3475          | 3482        | 3495         | rVB      | 2953759        | 5584258       | 19.74%          | 4.764%        |

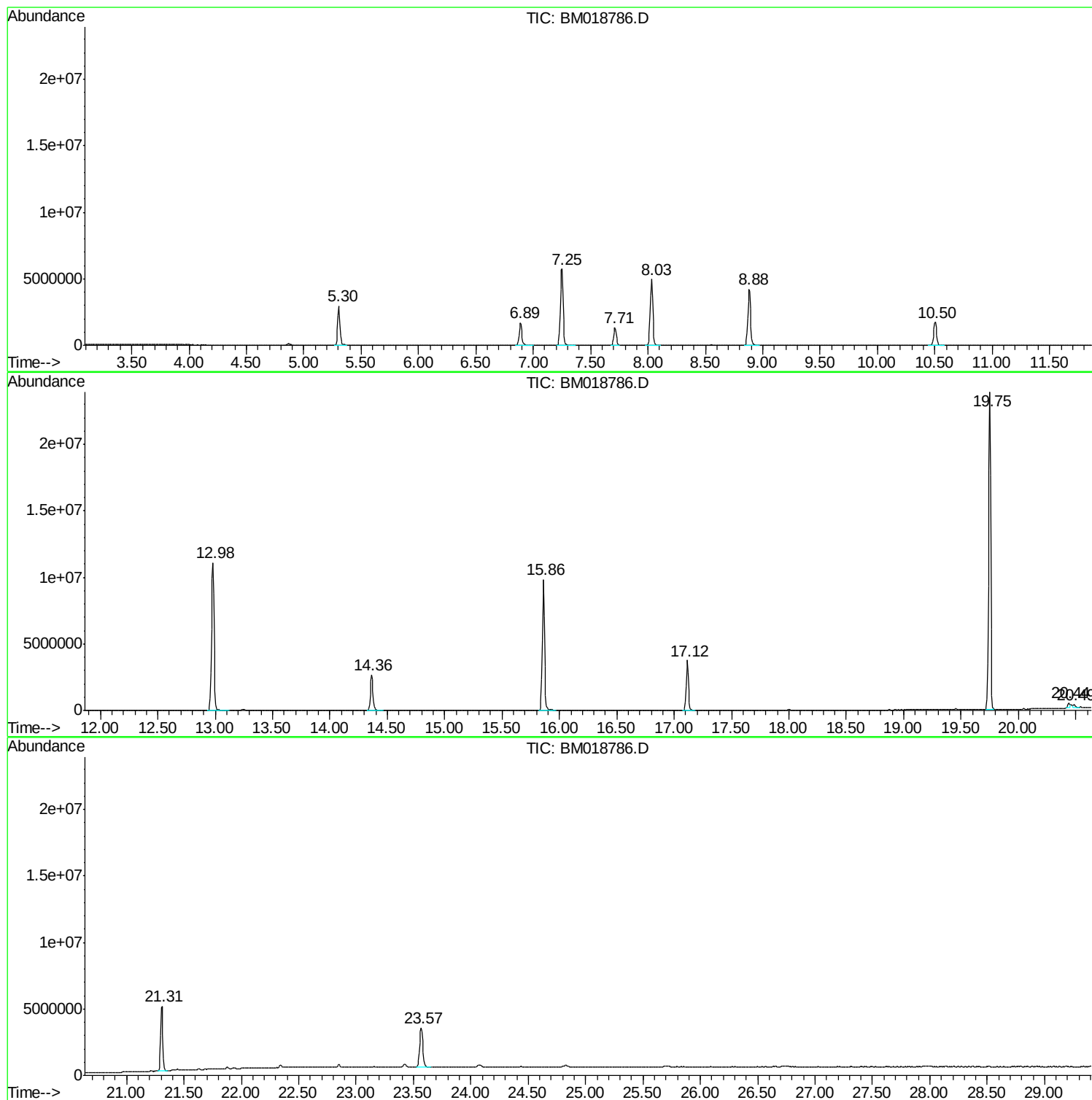
Sum of corrected areas: 117211127

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.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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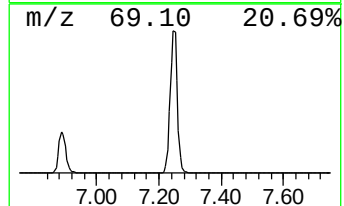
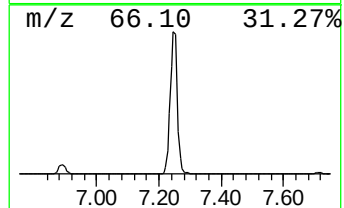
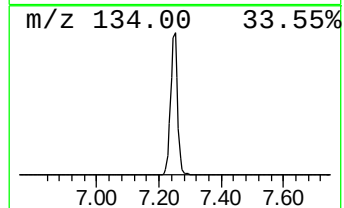
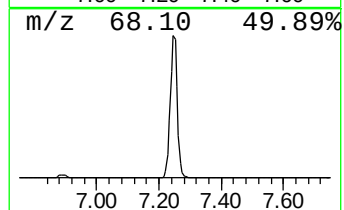
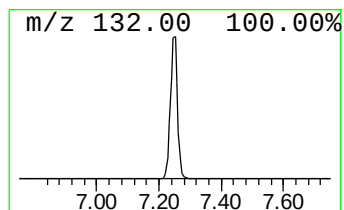
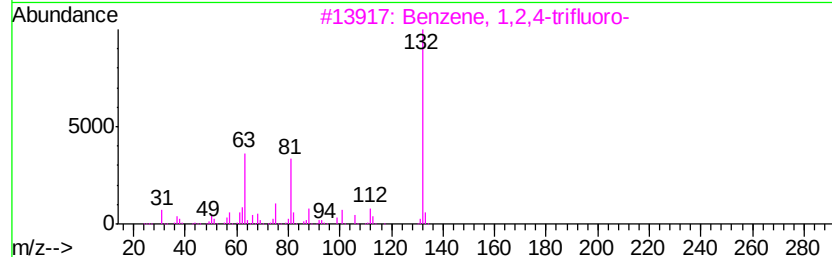
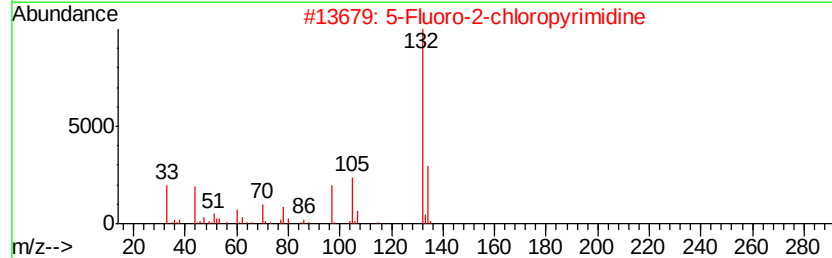
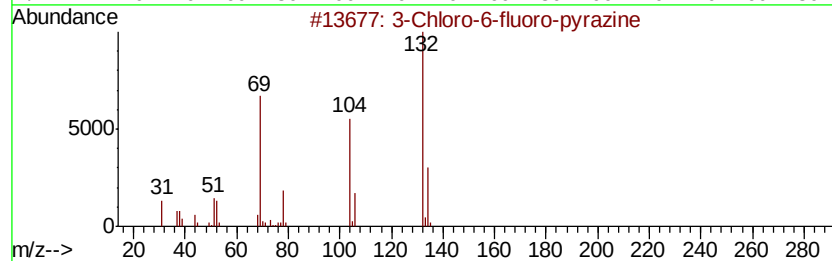
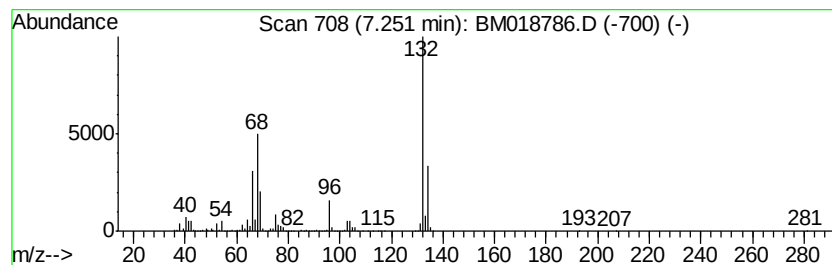
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.25 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.25 | 86.55 ng | 9189640 | 1,4-Dichlorobenzene-d4 | 7.71 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | Benzene, 1,2,4-trifluoro-           | 132 | C6H3F3    | 000367-23-7  | 9    |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | ---Internal Standard--- |      |         |      |
|------------------|------|---------|-------|----------|-------------------------|------|---------|------|
|                  |      |         |       |          | #                       | RT   | Resp    | Conc |
| unknown7.25      | 7.25 | 86.5    | ng    | 9189640  | 1                       | 7.71 | 2123520 | 20.0 |