

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\  
 Data File : BM017604.D  
 Acq On : 09 Nov 2018 22:49  
 Operator : MJ/SJ  
 Sample : PB114693BL  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114693BL

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-BM101718.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         | 4.798       | 303           | 308         | 316          | rBV      | 154789         | 218577        | 1.65%           | 0.309%        |
| 2         | 5.245       | 377           | 384         | 401          | rBV      | 4198176        | 6028497       | 45.55%          | 8.522%        |
| 3         | 6.810       | 642           | 650         | 666          | rBV      | 3968425        | 6460075       | 48.82%          | 9.132%        |
| 4         | 7.157       | 701           | 709         | 720          | rBV      | 4248246        | 6534024       | 49.37%          | 9.236%        |
| 5         | 7.616       | 781           | 787         | 796          | rBV      | 764094         | 1213578       | 9.17%           | 1.716%        |
| 6         | 7.934       | 833           | 841         | 851          | rBV      | 3058121        | 4892769       | 36.97%          | 6.916%        |
| 7         | 8.775       | 976           | 984         | 998          | rBV      | 2295982        | 3897627       | 29.45%          | 5.510%        |
| 8         | 10.392      | 1251          | 1259        | 1277         | rBV      | 824926         | 1617339       | 12.22%          | 2.286%        |
| 9         | 12.874      | 1674          | 1681        | 1695         | rBV      | 5700090        | 8937434       | 67.54%          | 12.634%       |
| 10        | 14.263      | 1911          | 1917        | 1936         | rBV2     | 1209563        | 2110954       | 15.95%          | 2.984%        |
| 11        | 15.762      | 2165          | 2172        | 2198         | rBV      | 4902013        | 7285526       | 55.05%          | 10.299%       |
| 12        | 17.021      | 2379          | 2386        | 2405         | rBV2     | 1498777        | 2624173       | 19.83%          | 3.710%        |
| 13        | 19.662      | 2829          | 2835        | 2847         | rBV      | 10259602       | 13233596      | 100.00%         | 18.707%       |
| 14        | 21.215      | 3094          | 3099        | 3113         | rBV      | 2166066        | 3104723       | 23.46%          | 4.389%        |
| 15        | 23.415      | 3466          | 3473        | 3487         | rBV      | 1283634        | 2582993       | 19.52%          | 3.651%        |

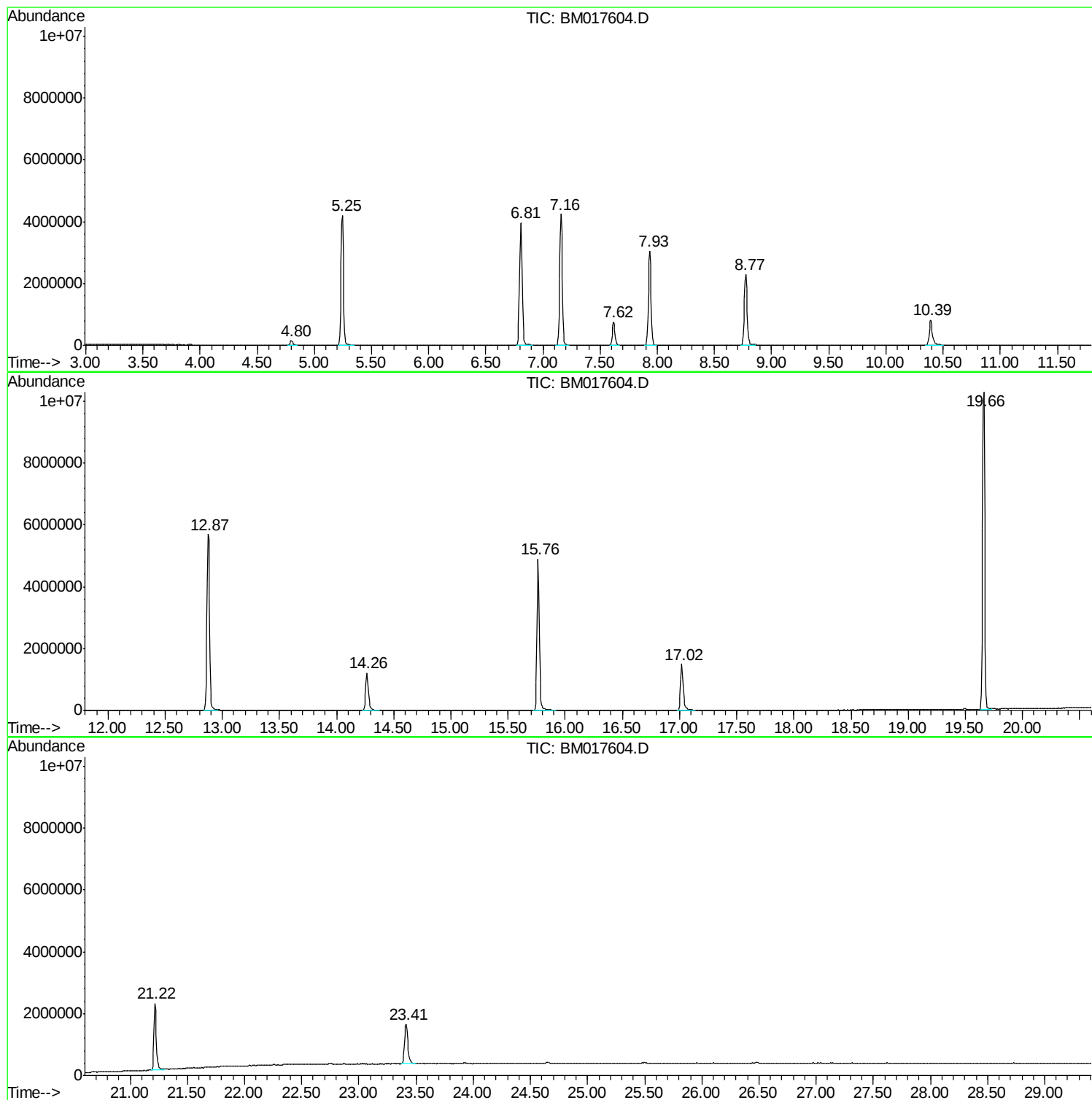
Sum of corrected areas: 70741885

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\  
Data File : BM017604.D  
Acq On : 09 Nov 2018 22:49  
Operator : MJ/SJ  
Sample : PB114693BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB114693BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\  
Data File : BM017604.D  
Acq On : 09 Nov 2018 22:49  
Operator : MJ/SJ  
Sample : PB114693BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB114693BL

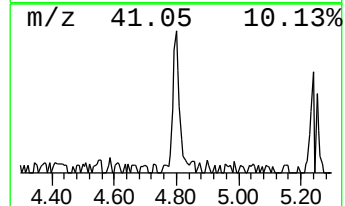
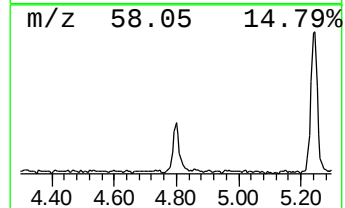
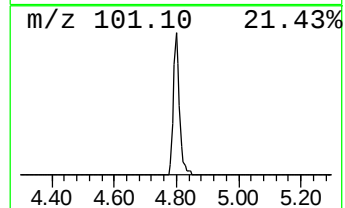
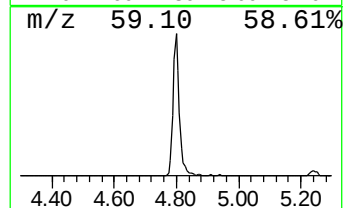
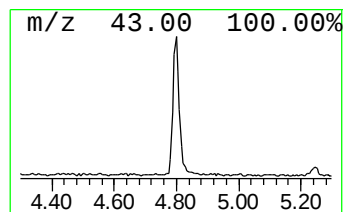
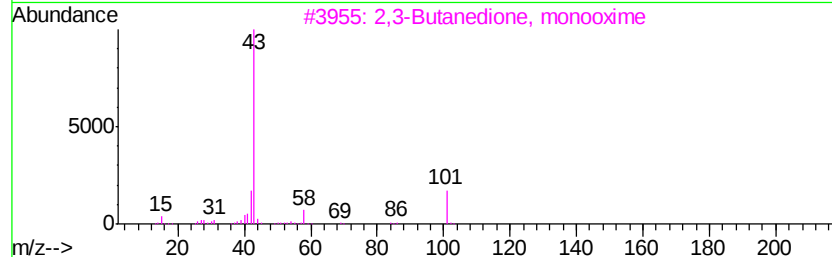
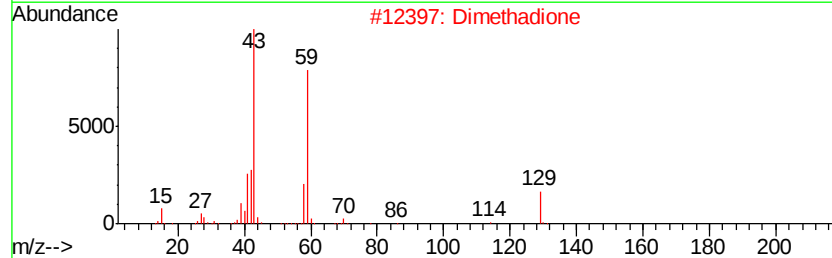
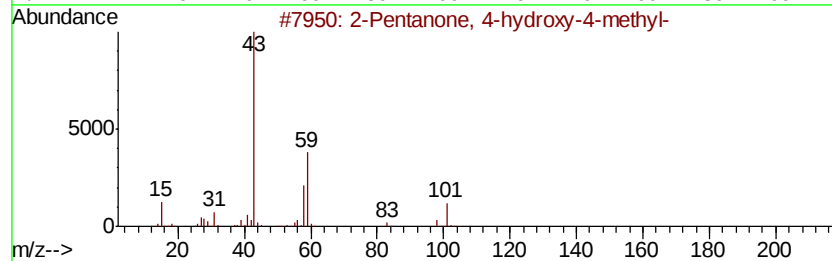
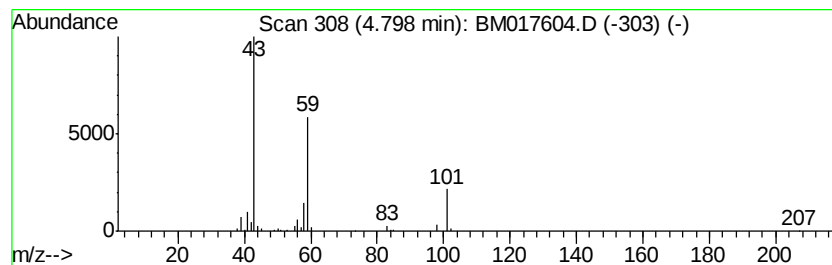
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.80 | 3.60 ng | 218577 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Dimethadione                         | 129 | C5H7NO3  | 000695-53-4 | 40   |
| 3    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 35   |
| 4    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 5    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...   | 101 | C4H7NO2  | 016504-58-8 | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\  
Data File : BM017604.D  
Acq On : 09 Nov 2018 22:49  
Operator : MJ/SJ  
Sample : PB114693BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB114693BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

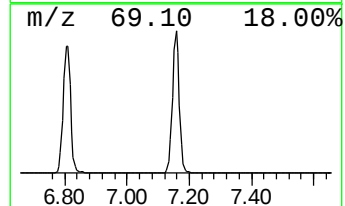
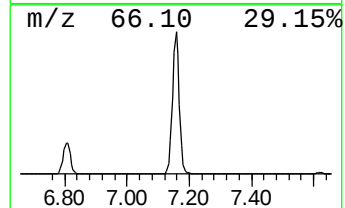
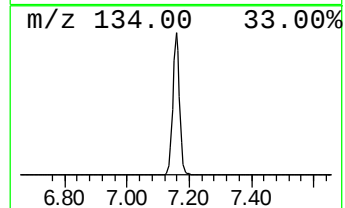
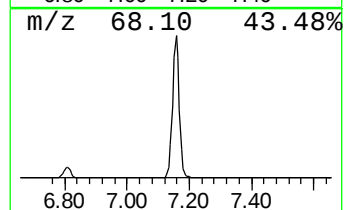
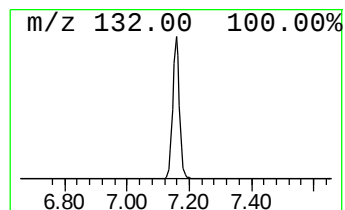
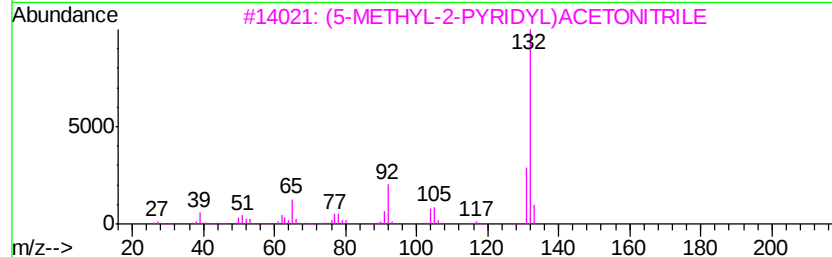
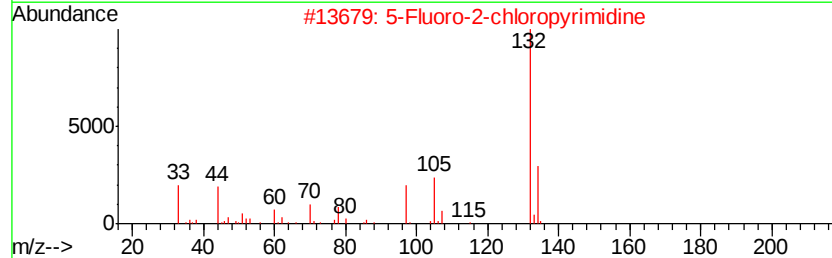
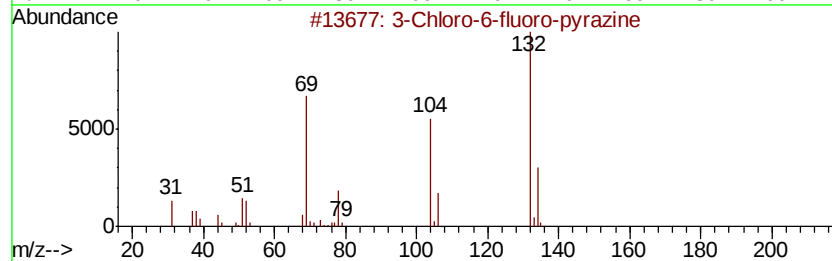
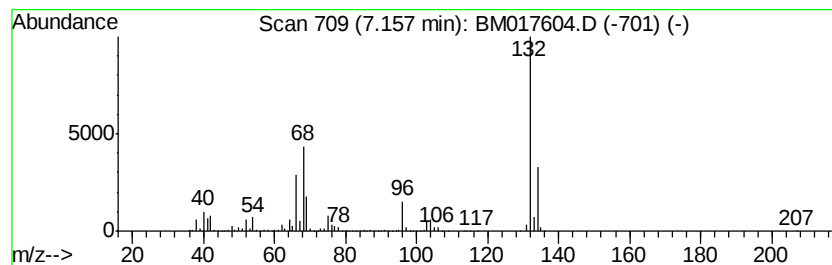
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown7.16 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.16 | 107.68 ng | 6534020 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 5    |    | Benzene, 1,2,4-trifluoro-        | 132 | C6H3F3    | 000367-23-7  | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM111018\  
Data File : BM017604.D  
Acq On : 09 Nov 2018 22:49  
Operator : MJ/SJ  
Sample : PB114693BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB114693BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM101718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |         |      |
|----------------------|------|---------|-------|----------|-------------------------|------|---------|------|
|                      |      |         |       |          | #                       | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.80 | 3.6     | ng    | 218577   | 1                       | 7.62 | 1213580 | 20.0 |
| unknown7.16          | 7.16 | 107.7   | ng    | 6534020  | 1                       | 7.62 | 1213580 | 20.0 |