

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\  
 Data File : BM010881.D  
 Acq On : 18 Jul 2017 21:29  
 Operator : SJ/JU  
 Sample : I4224-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 1 % 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:\HPCHEM1\BNA\_M\METHODS\8270-BM071217.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         | 4.640       | 293           | 298         | 303          | rBV      | 464677         | 610385        | 5.86%           | 0.860%        |
| 2         | 5.081       | 366           | 373         | 381          | rBV      | 4432716        | 5867251       | 56.34%          | 8.268%        |
| 3         | 6.634       | 630           | 637         | 650          | rBV      | 4142570        | 6395947       | 61.42%          | 9.013%        |
| 4         | 6.981       | 689           | 696         | 705          | rBV      | 4309637        | 6350122       | 60.98%          | 8.948%        |
| 5         | 7.439       | 766           | 774         | 781          | rBV      | 990972         | 1498250       | 14.39%          | 2.111%        |
| 6         | 7.757       | 819           | 828         | 836          | rBV      | 3190689        | 4969690       | 47.72%          | 7.003%        |
| 7         | 8.586       | 961           | 969         | 978          | rBV      | 2678666        | 4159452       | 39.94%          | 5.861%        |
| 8         | 10.198      | 1235          | 1243        | 1251         | rBV      | 1202441        | 1926220       | 18.50%          | 2.714%        |
| 9         | 12.704      | 1660          | 1669        | 1677         | rBV      | 6575432        | 9247757       | 88.80%          | 13.032%       |
| 10        | 13.557      | 1807          | 1814        | 1821         | rBV      | 910275         | 1275991       | 12.25%          | 1.798%        |
| 11        | 14.092      | 1896          | 1905        | 1916         | rBV2     | 1658052        | 2519228       | 24.19%          | 3.550%        |
| 12        | 15.592      | 2153          | 2160        | 2173         | rBV      | 5151849        | 7093059       | 68.11%          | 9.995%        |
| 13        | 16.845      | 2367          | 2373        | 2384         | rVB2     | 2021887        | 2783266       | 26.73%          | 3.922%        |
| 14        | 17.768      | 2526          | 2530        | 2536         | rBV2     | 178521         | 233482        | 2.24%           | 0.329%        |
| 15        | 19.062      | 2746          | 2750        | 2757         | rBV2     | 125606         | 172467        | 1.66%           | 0.243%        |
| 16        | 19.503      | 2820          | 2825        | 2831         | rBV      | 8980515        | 10414299      | 100.00%         | 14.675%       |
| 17        | 20.215      | 2943          | 2946        | 2953         | rVB6     | 101717         | 131994        | 1.27%           | 0.186%        |
| 18        | 20.809      | 3042          | 3047        | 3050         | rBV3     | 128564         | 203888        | 1.96%           | 0.287%        |
| 19        | 21.062      | 3084          | 3090        | 3095         | rBV      | 2139929        | 2718399       | 26.10%          | 3.831%        |
| 20        | 23.191      | 3446          | 3452        | 3458         | rVB      | 1406919        | 2392857       | 22.98%          | 3.372%        |

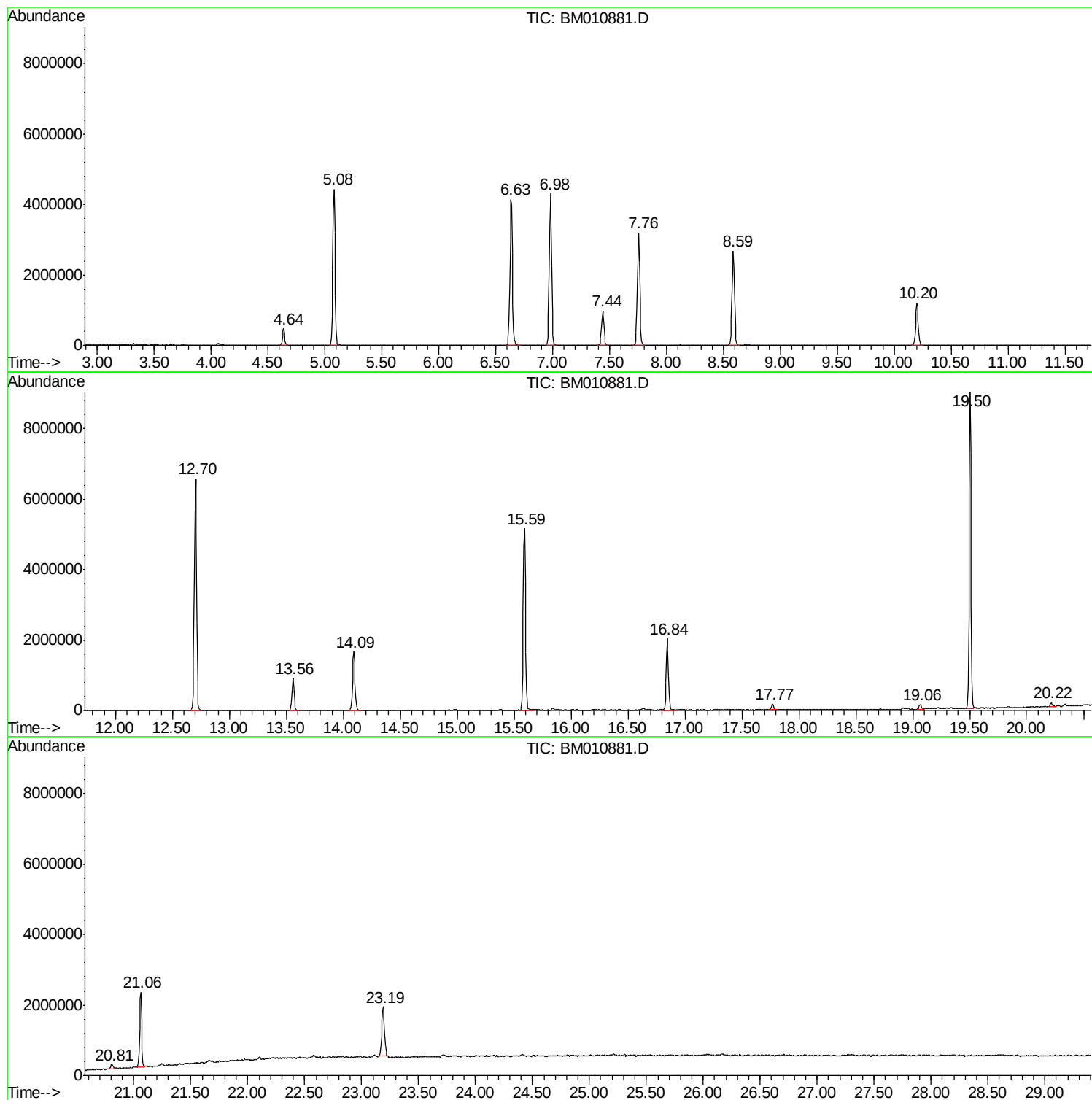
Sum of corrected areas: 70964004

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\  
Data File : BM010881.D  
Acq On : 18 Jul 2017 21:29  
Operator : SJ/JU  
Sample : I4224-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071817\  
Data File : BM010881.D  
Acq On : 18 Jul 2017 21:29  
Operator : SJ/JU  
Sample : I4224-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM071217.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.           |
|---------|----------------------------------|--------------|------------------------|----------------|
| 4.64    | 8.15 ng                          | 610385       | 1,4-Dichlorobenzene-d4 | 7.44           |
| Hit# of | 5                                | Tentative ID | MW MolForm             | CAS# Qual      |
| 1       | 2-Pentanone, 4-hydroxy-4-methyl- | 116          | C6H12O2                | 000123-42-2 72 |
| 2       | 3-Hydroxy-3-methyl-2-butanone    | 102          | C5H10O2                | 000115-22-0 43 |
| 3       | 4-Methoxy-1-pentene              | 100          | C6H12O                 | 098386-09-5 43 |
| 4       | Propane, 1,1-dipropoxy-          | 160          | C9H20O2                | 004744-11-0 39 |
| 5       | Propane, 1-ethoxy-2-methyl-      | 102          | C6H14O                 | 000627-02-1 37 |

\*\*\*\*\*  
Peak Number 2 1,3-Cyclopentanedione, 2-ch... Concentration Rank 1

| R.T.    | EstConc                          | Area         | Relative to ISTD       | R.T.            |
|---------|----------------------------------|--------------|------------------------|-----------------|
| 6.98    | 84.77 ng                         | 6350120      | 1,4-Dichlorobenzene-d4 | 7.44            |
| Hit# of | 5                                | Tentative ID | MW MolForm             | CAS# Qual       |
| 1       | 1,3-Cyclopentanedione, 2-chloro- | 132          | C5H5ClO2               | 014203-19-1 16  |
| 2       | 3-Chloro-6-fluoro-pyrazine       | 132          | C4H2ClFN2              | 1000146-10-7 10 |
| 3       | 3H-1,2-Dithiol-3-one, 5-methyl-  | 132          | C4H4OS2                | 003620-08-4 10  |
| 4       | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132          | C8H8N2                 | 1000241-93-9 10 |
| 5       | 5-Aminoindole                    | 132          | C8H8N2                 | 005192-03-0 9   |

\*\*\*\*\*  
Peak Number 3 1,2-Dichlorobenzene-D4 Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.           |
|---------|-------------------------------------|--------------|------------------------|----------------|
| 7.76    | 66.34 ng                            | 4969690      | 1,4-Dichlorobenzene-d4 | 7.44           |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual      |
| 1       | 1,2-Dichlorobenzene-D4              | 150          | C6D4Cl2                | 002199-69-1 95 |
| 2       | 1,4-Dichlorobenzene-D4              | 150          | C6D4Cl2                | 003855-82-1 94 |
| 3       | 2-Chloro-4,6-difluoro-pyrimidine    | 150          | C4HClF2N2              | 038953-30-9 16 |
| 4       | Benzeneacetic acid, 3-nitro-.alp... | 195          | C8H5NO5                | 006330-40-1 14 |
| 5       | 2-Cyclohexene-1,4-dione, 5,6-dic... | 370          | C15H12Cl2N2O5          | 324051-46-9 10 |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071817\  
Data File : BM010881.D  
Acq On : 18 Jul 2017 21:29  
Operator : SJ/JU  
Sample : I4224-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM071217.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... | 4.64 | 8.1     | ng    | 610385   | 1                     | 7.44 | 1498250 | 20.0 |
| 1,3-Cyclopentaned... | 6.98 | 84.8    | ng    | 6350120  | 1                     | 7.44 | 1498250 | 20.0 |
| 1,2-Dichlorobenze... | 7.76 | 66.3    | ng    | 4969690  | 1                     | 7.44 | 1498250 | 20.0 |