

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071621\  
 Data File : BF124602.D  
 Acq On : 16 Jul 2021 18:23  
 Operator : JU/CG  
 Sample : M3029-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RVR-CF02-01

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\_F\METHODS\8270-BF070721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124602.D\data.ms

| 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         | 2.246       | 23            | 27          | 30           | rBB      | 8138           | 8629          | 7.29%           | 1.023%        |
| 2         | 5.151       | 518           | 521         | 523          | rBB      | 2121           | 1894          | 1.60%           | 0.225%        |
| 3         | 5.540       | 582           | 587         | 589          | rBB      | 109163         | 107502        | 90.79%          | 12.749%       |
| 4         | 6.540       | 752           | 757         | 759          | rBB      | 114834         | 112479        | 94.99%          | 13.339%       |
| 5         | 6.922       | 819           | 822         | 825          | rBB      | 48309          | 34241         | 28.92%          | 4.061%        |
| 6         | 7.481       | 913           | 917         | 920          | rBB      | 81745          | 75022         | 63.36%          | 8.897%        |
| 7         | 8.098       | 1020          | 1022        | 1025         | rBB      | 14044          | 9452          | 7.98%           | 1.121%        |
| 8         | 8.204       | 1037          | 1040        | 1043         | rBB      | 63637          | 49298         | 41.63%          | 5.846%        |
| 9         | 9.281       | 1219          | 1223        | 1226         | rBV      | 148532         | 118407        | 100.00%         | 14.042%       |
| 10        | 9.963       | 1336          | 1339        | 1342         | rBV      | 78899          | 57163         | 48.28%          | 6.779%        |
| 11        | 10.751      | 1469          | 1473        | 1476         | rBB      | 96963          | 74902         | 63.26%          | 8.883%        |
| 12        | 11.451      | 1589          | 1592        | 1595         | rBV      | 70885          | 53327         | 45.04%          | 6.324%        |
| 13        | 11.969      | 1678          | 1680        | 1682         | rBB      | 6627           | 4262          | 3.60%           | 0.505%        |
| 14        | 12.757      | 1811          | 1814        | 1815         | rBB      | 3508           | 2358          | 1.99%           | 0.280%        |
| 15        | 13.039      | 1858          | 1862        | 1865         | rBB      | 89138          | 70864         | 59.85%          | 8.404%        |
| 16        | 13.104      | 1871          | 1873        | 1875         | rBB      | 2880           | 1872          | 1.58%           | 0.222%        |
| 17        | 13.939      | 2012          | 2015        | 2017         | rBV      | 4124           | 3219          | 2.72%           | 0.382%        |
| 18        | 14.092      | 2037          | 2041        | 2044         | rBB      | 32668          | 25906         | 21.88%          | 3.072%        |
| 19        | 14.557      | 2118          | 2120        | 2124         | rBB      | 3589           | 3089          | 2.61%           | 0.366%        |
| 20        | 15.227      | 2231          | 2234        | 2236         | rBB      | 3292           | 3353          | 2.83%           | 0.398%        |
| 21        | 15.592      | 2291          | 2296        | 2301         | rBB2     | 21412          | 25986         | 21.95%          | 3.082%        |

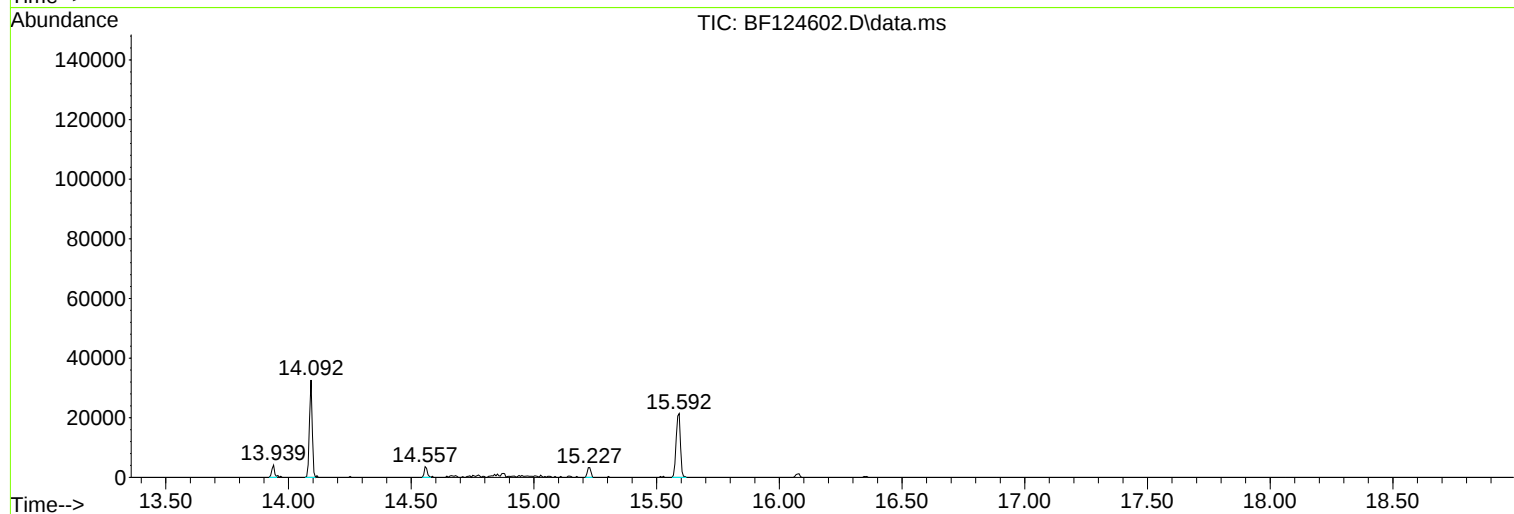
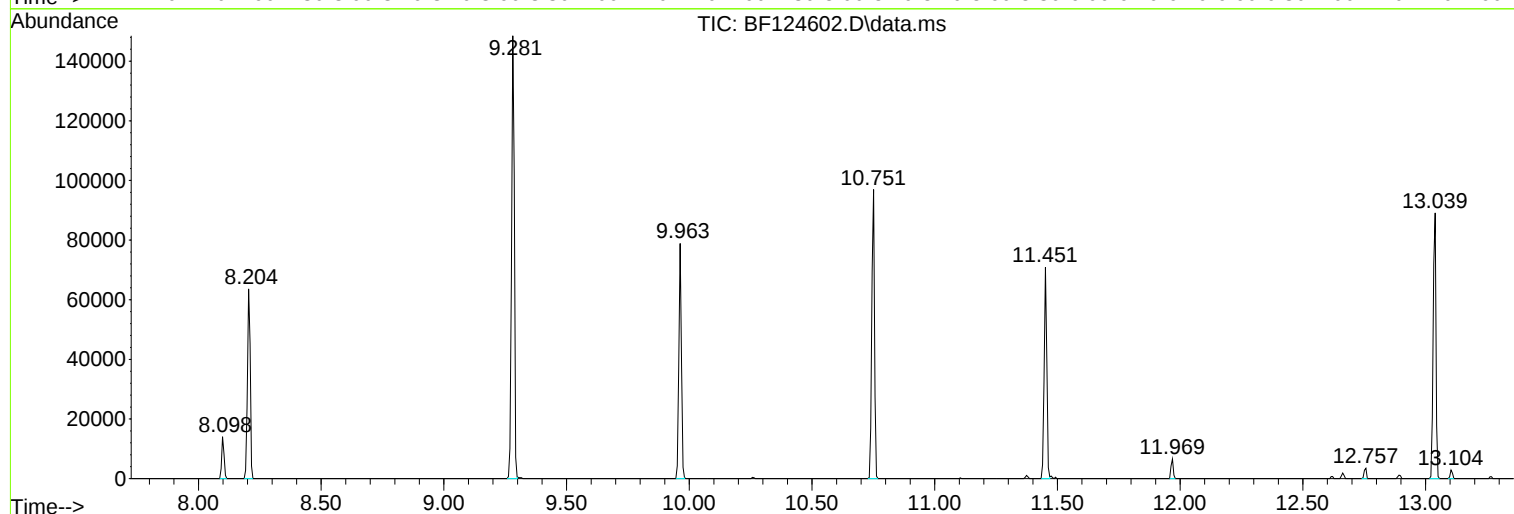
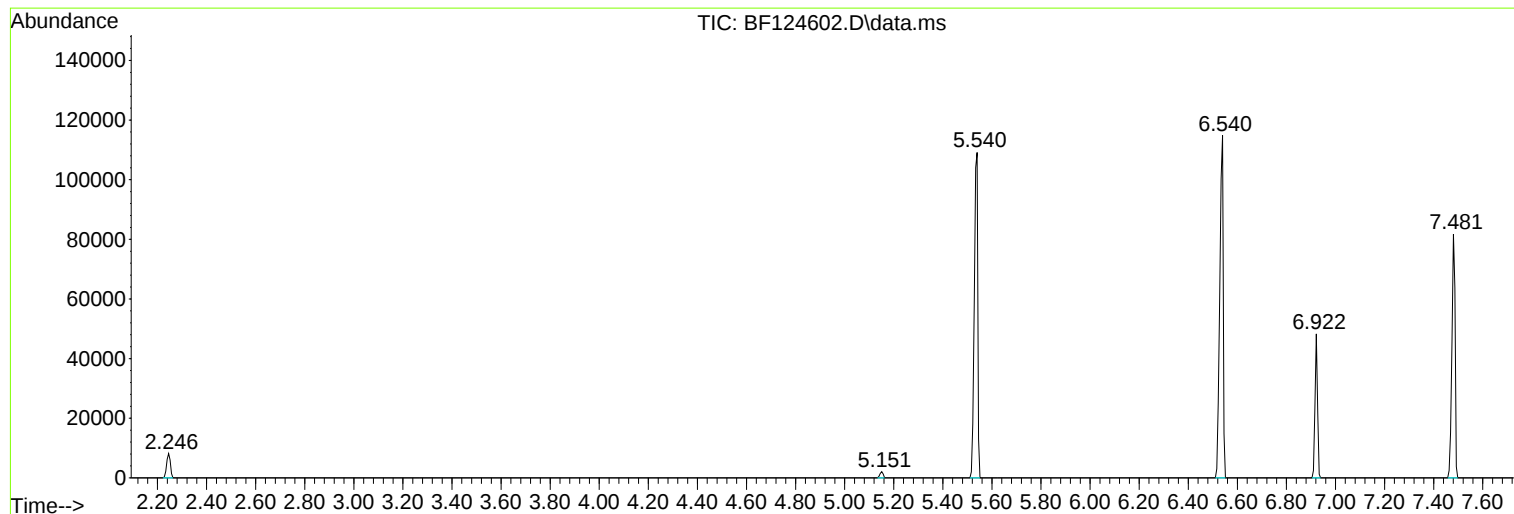
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :  
RVR-CF02-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF070721.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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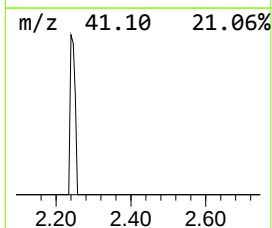
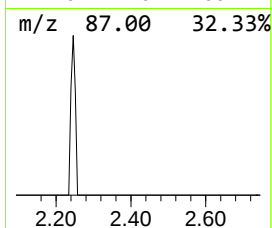
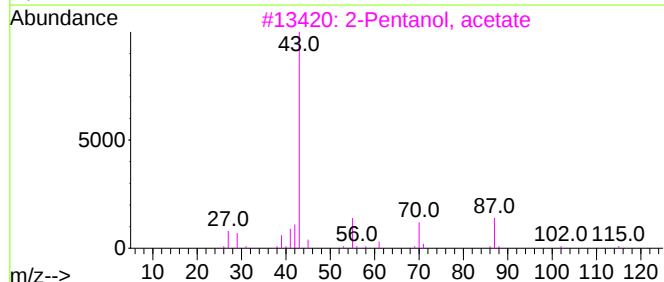
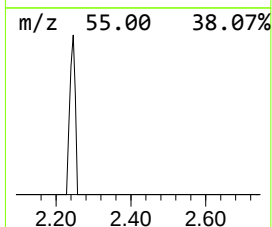
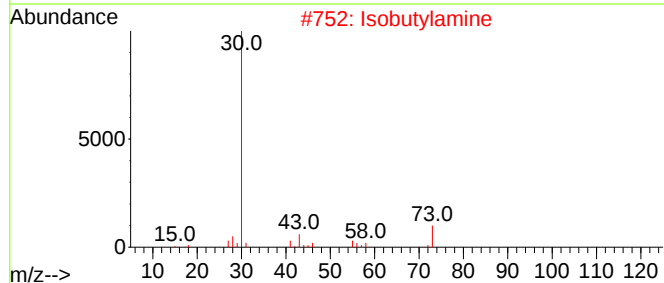
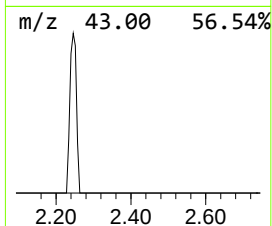
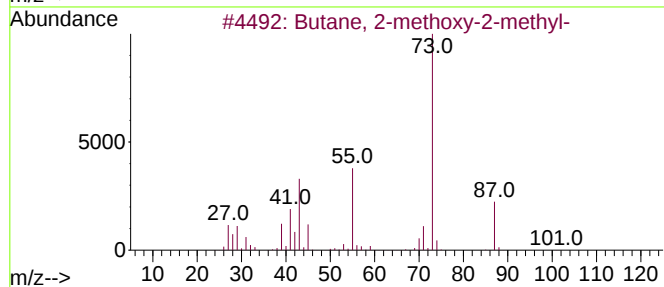
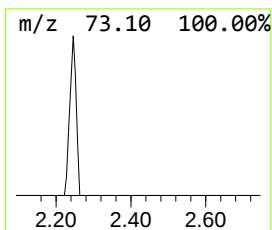
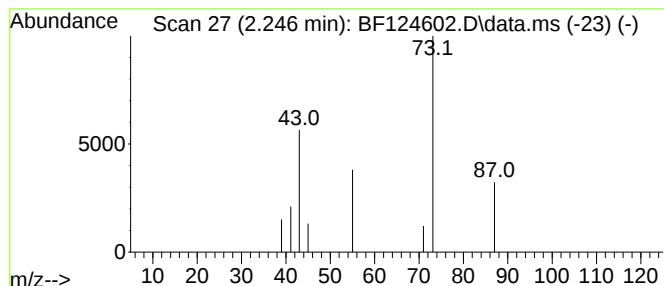
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc | Area | Relative to ISTD       | R.T.  |
|-------|---------|------|------------------------|-------|
| 2.246 | 5.04 ng | 8629 | 1,4-Dichlorobenzene-d4 | 6.922 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-     | 102 | C6H14O  | 000994-05-8 | 64   |
| 2    |    |   | Isobutylamine                   | 73  | C4H11N  | 000078-81-9 | 5    |
| 3    |    |   | 2-Pentanol, acetate             | 130 | C7H14O2 | 000626-38-0 | 4    |
| 4    |    |   | 1-Butanamine, 3-methyl-         | 87  | C5H13N  | 000107-85-7 | 4    |
| 5    |    |   | 2-Butanone, 3-methoxy-3-methyl- | 116 | C6H12O2 | 036687-98-6 | 4    |



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RVR-CF02-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF070721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

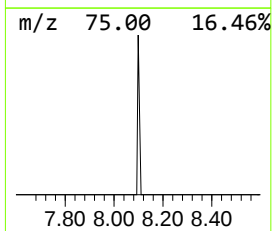
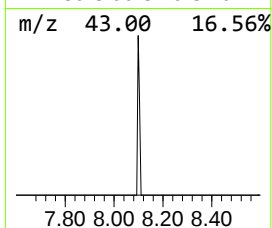
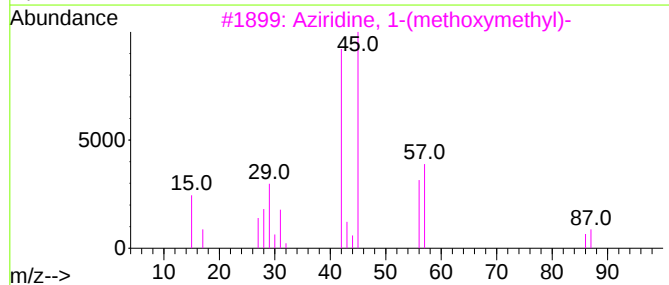
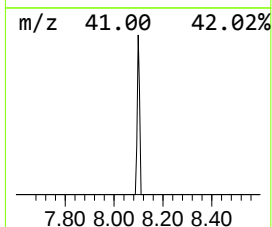
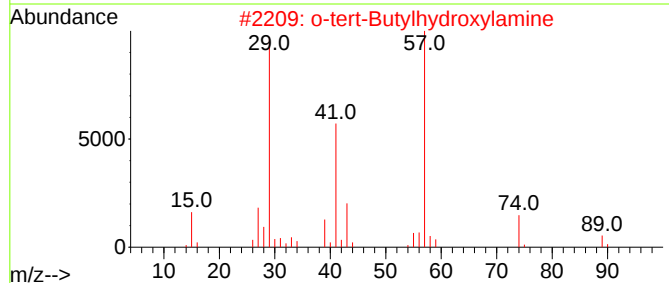
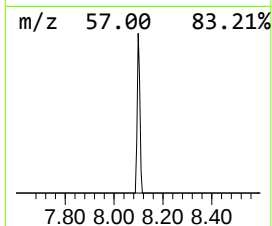
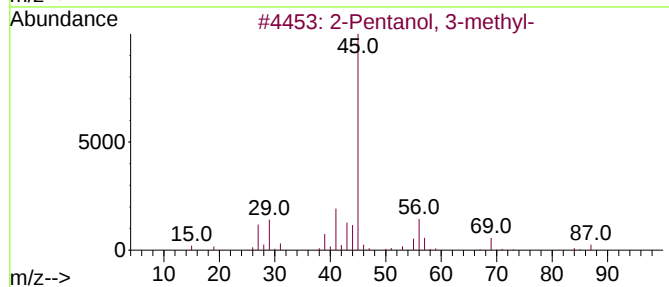
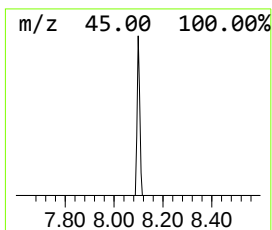
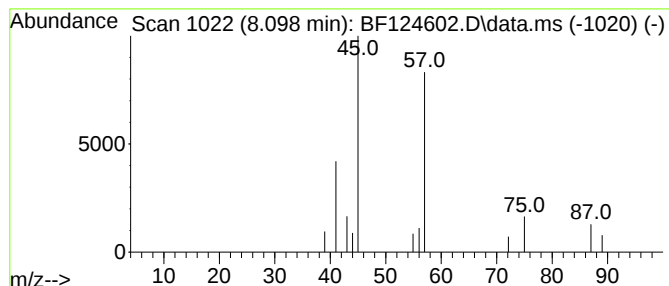
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown8.098 Concentration Rank 2

| R.T.  | EstConc | Area | Relative to ISTD | R.T.  |
|-------|---------|------|------------------|-------|
| 8.098 | 3.83 ng | 9452 | Naphthalene-d8   | 8.204 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------|-----|---------|--------------|------|
| 1    |      | 2-Pentanol, 3-methyl-         | 102 | C6H14O  | 000565-60-6  | 9    |
| 2    |      | o-tert-Butylhydroxylamine     | 89  | C4H11NO | 1000322-43-1 | 7    |
| 3    |      | Aziridine, 1-(methoxymethyl)- | 87  | C4H9NO  | 001497-83-2  | 7    |
| 4    |      | 4-Amino-1-butanol             | 89  | C4H11NO | 013325-10-5  | 5    |
| 5    |      | Neopentylamine                | 87  | C5H13N  | 005813-64-9  | 5    |



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RVR-CF02-01

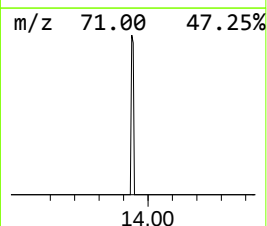
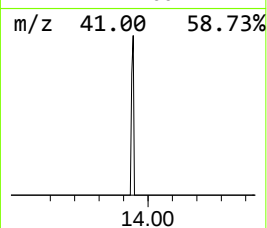
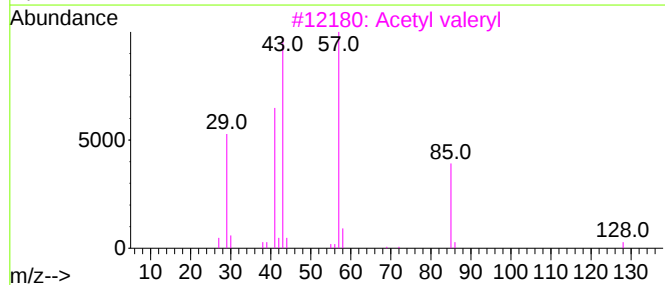
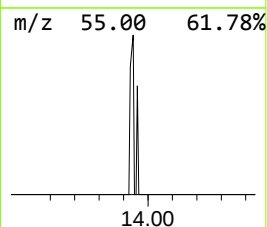
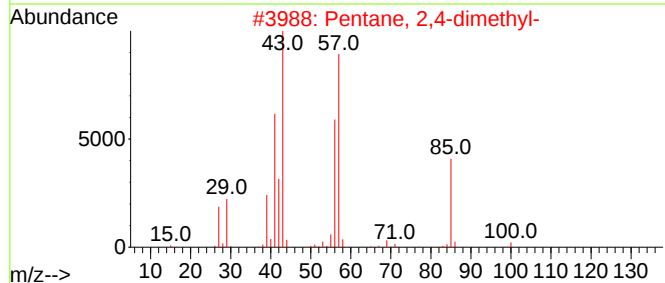
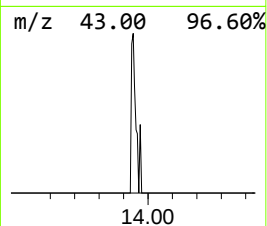
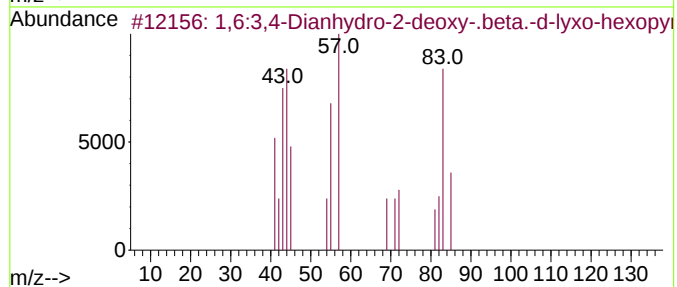
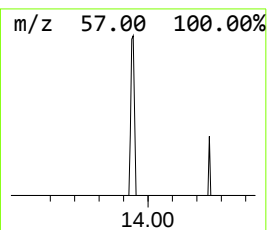
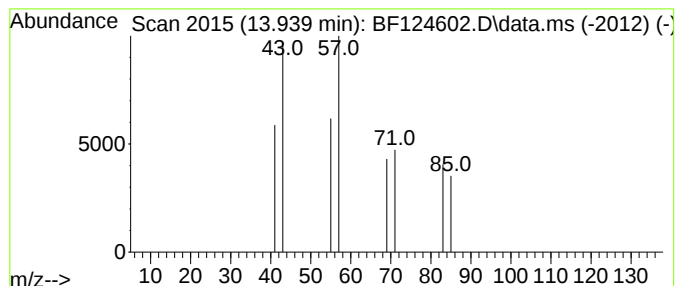
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF070721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown13.939 Concentration Rank 4

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 13.939 | 2.49 ng | 3219 | Chrysene-d12     | 14.092 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 1,6:3,4-Dianhydro-2-deoxy-.beta.... | 128 | C6H8O3       | 050767-53-8  | 23      |      |      |
| 2    | Pentane, 2,4-dimethyl-              | 100 | C7H16        | 000108-08-7  | 9       |      |      |
| 3    | Acetyl valeryl                      | 128 | C7H12O2      | 000096-04-8  | 9       |      |      |
| 4    | 1-Propenylaziridine                 | 83  | C5H9N        | 1000192-51-0 | 7       |      |      |
| 5    | 5H-Tetrazol-5-amine                 | 85  | CH3N5        | 1000273-02-0 | 4       |      |      |



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BNA\_F  
ClientSampleId :  
RVR-CF02-01

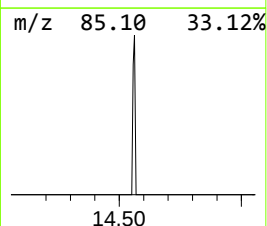
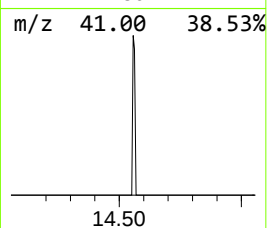
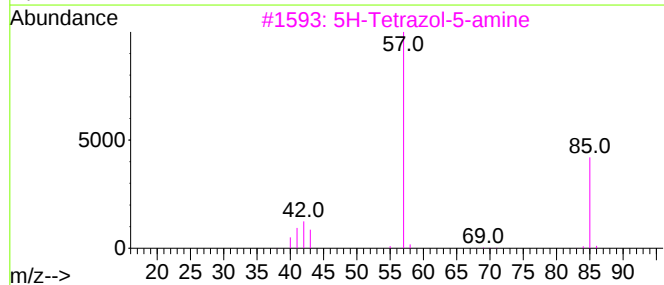
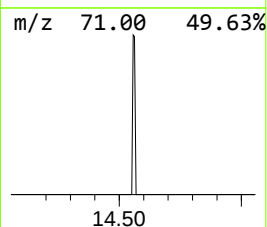
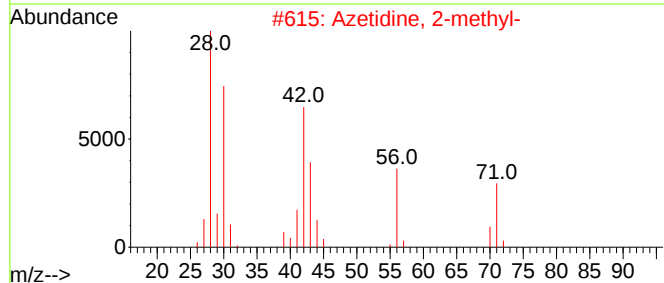
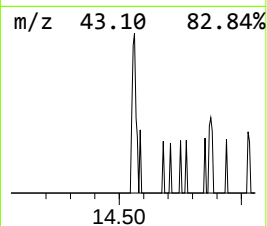
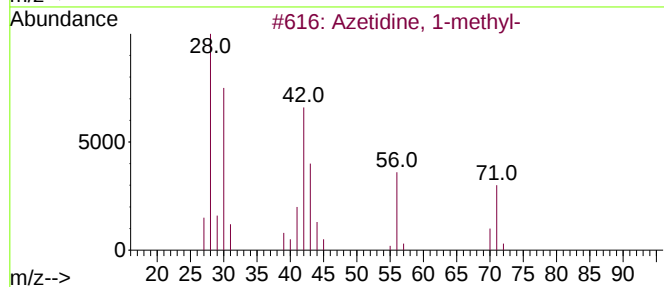
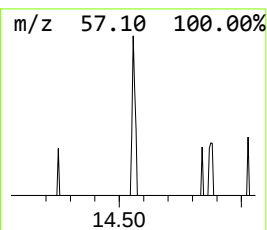
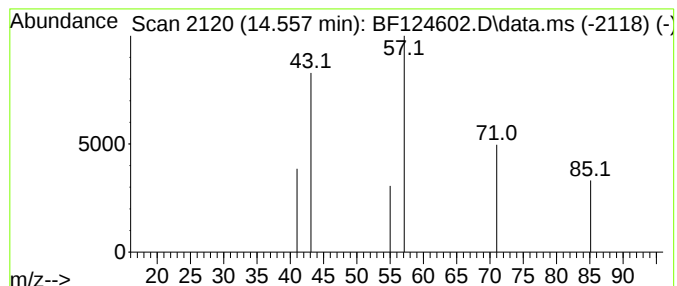
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 4 unknown14.557 Concentration Rank 5

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 14.557 | 2.38 ng | 3089 | Chrysene-d12     | 14.092 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm | CAS#         | Qual |
|------|------|--------------------------|-----|---------|--------------|------|
| 1    |      | Azetidine, 1-methyl-     | 71  | C4H9N   | 004923-79-9  | 5    |
| 2    |      | Azetidine, 2-methyl-     | 71  | C4H9N   | 019812-49-8  | 5    |
| 3    |      | 5H-Tetrazol-5-amine      | 85  | CH3N5   | 1000273-02-0 | 4    |
| 4    |      | Hexane, 2,3,4-trimethyl- | 128 | C9H20   | 000921-47-1  | 4    |
| 5    |      | 1-Hexene, 4,5-dimethyl-  | 112 | C8H16   | 016106-59-5  | 4    |



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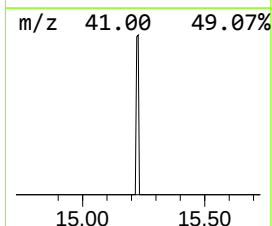
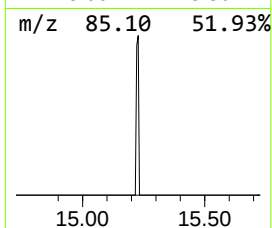
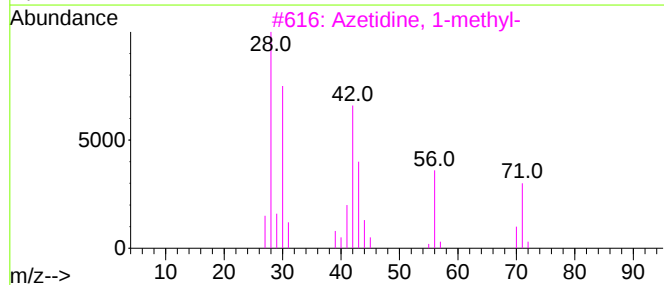
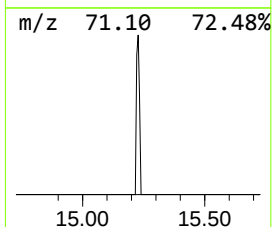
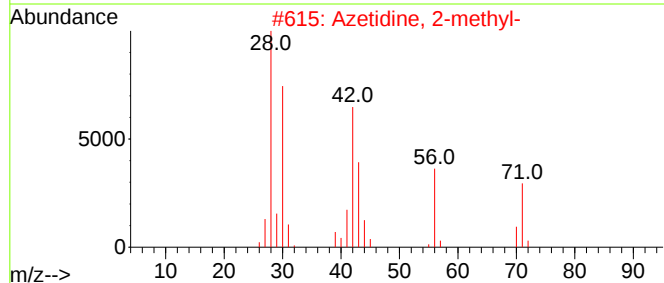
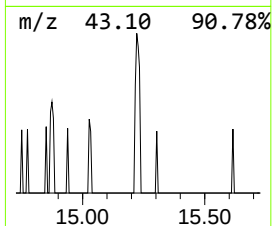
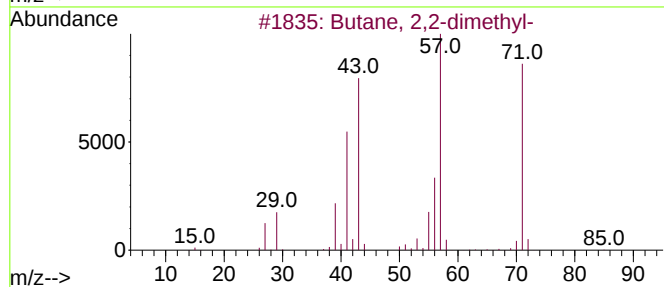
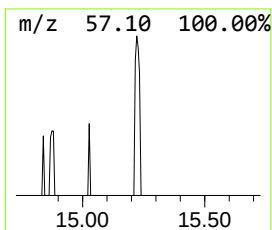
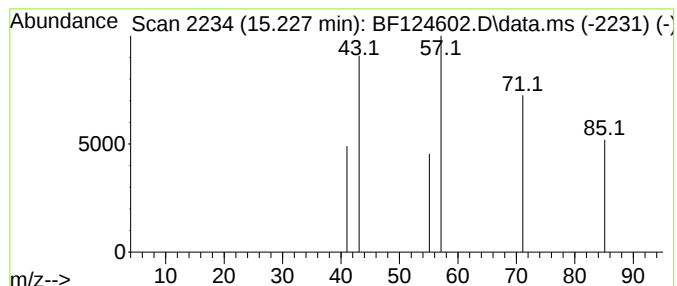
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Peak Number 5 unknown15.227 Concentration Rank 3

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 15.227 | 2.58 ng | 3353 | Perylene-d12     | 15.586 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#         | Qual |
|------|----|---|-----------------------|----|---------|--------------|------|
| 1    |    |   | Butane, 2,2-dimethyl- | 86 | C6H14   | 000075-83-2  | 9    |
| 2    |    |   | Azetidine, 2-methyl-  | 71 | C4H9N   | 019812-49-8  | 5    |
| 3    |    |   | Azetidine, 1-methyl-  | 71 | C4H9N   | 004923-79-9  | 5    |
| 4    |    |   | 1H-Tetrazol-5-amine   | 85 | CH3N5   | 004418-61-5  | 4    |
| 5    |    |   | 5H-Tetrazol-5-amine   | 85 | CH3N5   | 1000273-02-0 | 4    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071621\  
Data File : BF124602.D  
Acq On : 16 Jul 2021 18:23  
Operator : JU/CG  
Sample : M3029-05  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RVR-CF02-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF070721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |       |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|-------|------|
|                    |        |         |       |          | #                     | RT     | Resp  | Conc |
| Butane, 2-metho... | 2.246  | 5.0     | ng    | 8629     | 1                     | 6.922  | 34241 | 20.0 |
| unknown8.098       | 8.098  | 3.8     | ng    | 9452     | 2                     | 8.204  | 49298 | 20.0 |
| unknown13.939      | 13.939 | 2.5     | ng    | 3219     | 5                     | 14.092 | 25906 | 20.0 |
| unknown14.557      | 14.557 | 2.4     | ng    | 3089     | 5                     | 14.092 | 25906 | 20.0 |
| unknown15.227      | 15.227 | 2.6     | ng    | 3353     | 6                     | 15.586 | 25986 | 20.0 |