

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF033015\  
 Data File : BF078089.D  
 Acq On : 30 Mar 2015 18:50  
 Operator : TP/IZ  
 Sample : G1701-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 0.5

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FS-020

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:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.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         | 1.218       | 26            | 29          | 31           | rBV      | 894962         | 1024485       | 48.82%          | 7.152%        |
| 2         | 1.333       | 35            | 39          | 42           | rVB      | 35994          | 62246         | 2.97%           | 0.435%        |
| 3         | 1.493       | 51            | 53          | 56           | rVB      | 69329          | 73261         | 3.49%           | 0.511%        |
| 4         | 1.733       | 73            | 74          | 81           | rVB      | 21435          | 29917         | 1.43%           | 0.209%        |
| 5         | 4.796       | 340           | 342         | 352          | rBB      | 124458         | 166581        | 7.94%           | 1.163%        |
| 6         | 5.344       | 388           | 390         | 393          | rBV      | 1077785        | 1376051       | 65.58%          | 9.606%        |
| 7         | 6.647       | 502           | 504         | 507          | rBV      | 1025794        | 1399353       | 66.69%          | 9.769%        |
| 8         | 6.773       | 513           | 515         | 518          | rBV      | 1141211        | 1458481       | 69.51%          | 10.181%       |
| 9         | 7.059       | 538           | 540         | 543          | rBB      | 177711         | 176323        | 8.40%           | 1.231%        |
| 10        | 7.253       | 554           | 557         | 559          | rBV      | 858511         | 1156916       | 55.13%          | 8.076%        |
| 11        | 7.756       | 599           | 601         | 604          | rBV      | 778731         | 830650        | 39.59%          | 5.799%        |
| 12        | 8.636       | 676           | 678         | 681          | rBV      | 277159         | 242515        | 11.56%          | 1.693%        |
| 13        | 9.985       | 794           | 796         | 799          | rBV      | 2003306        | 1767526       | 84.23%          | 12.339%       |
| 14        | 10.499      | 839           | 841         | 843          | rBV      | 71301          | 72965         | 3.48%           | 0.509%        |
| 15        | 10.808      | 866           | 868         | 870          | rVB      | 272410         | 275066        | 13.11%          | 1.920%        |
| 16        | 11.711      | 945           | 947         | 951          | rBB      | 48175          | 42801         | 2.04%           | 0.299%        |
| 17        | 11.791      | 951           | 954         | 956          | rBV      | 934800         | 1078116       | 51.38%          | 7.526%        |
| 18        | 12.648      | 1026          | 1029        | 1031         | rVB      | 239000         | 290316        | 13.84%          | 2.027%        |
| 19        | 14.648      | 1201          | 1204        | 1206         | rBV      | 1822318        | 2098367       | 100.00%         | 14.648%       |
| 20        | 15.848      | 1306          | 1309        | 1315         | rBV      | 22873          | 50168         | 2.39%           | 0.350%        |
| 21        | 15.940      | 1315          | 1317        | 1320         | rBV      | 270714         | 332394        | 15.84%          | 2.320%        |
| 22        | 17.757      | 1474          | 1476        | 1479         | rBV      | 245785         | 320518        | 15.27%          | 2.237%        |

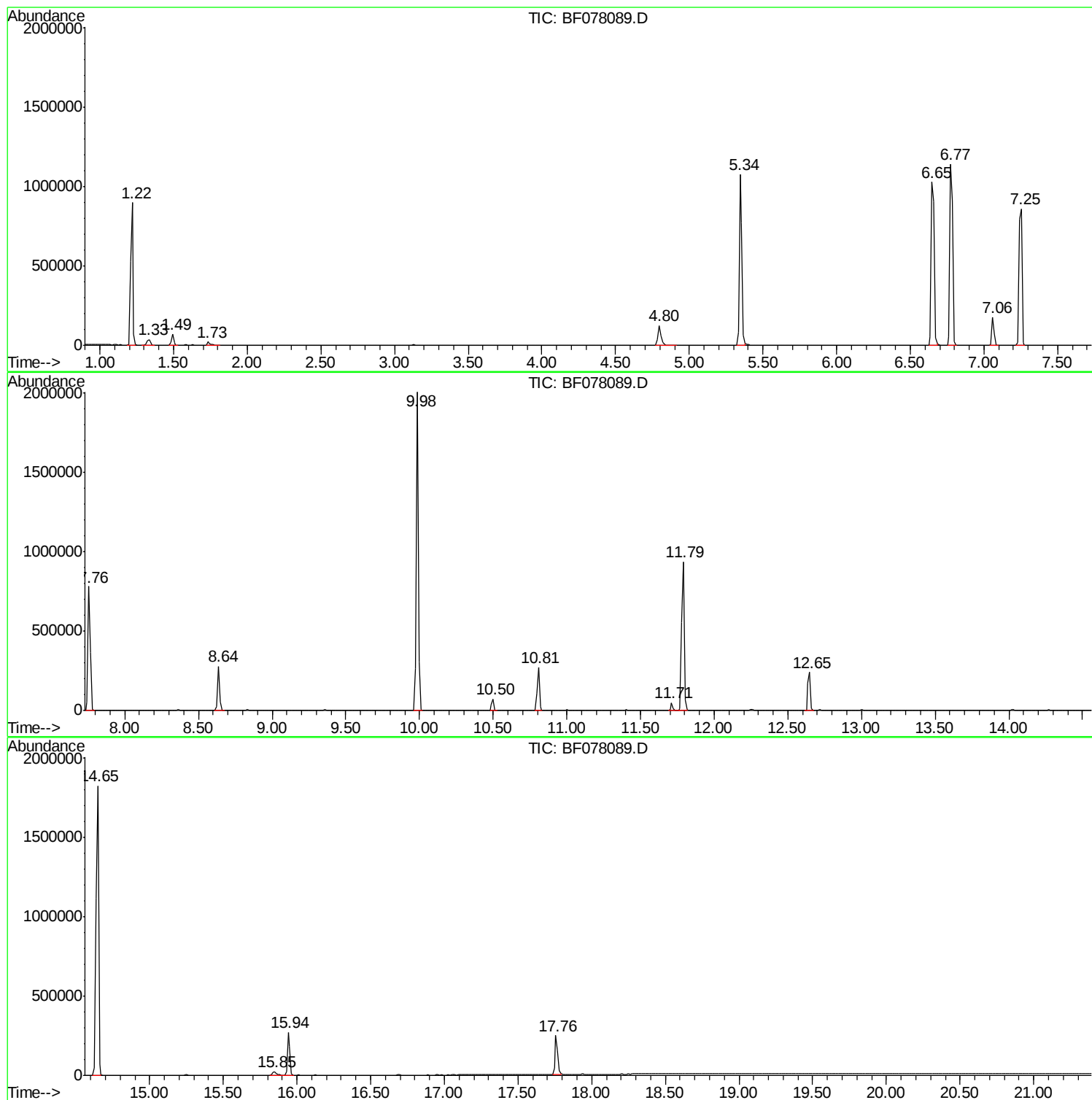
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Misc :  
ALS Vial : 10 Sample Multiplier: 0.5

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BNA\_F  
ClientSampleId :  
FS-020

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.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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FS-020

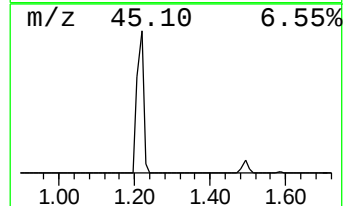
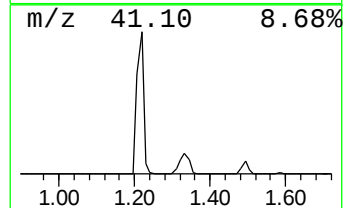
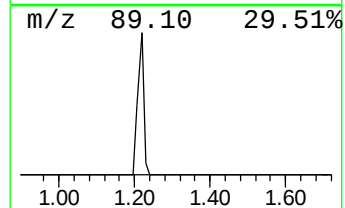
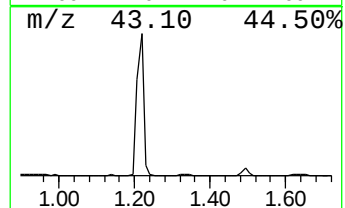
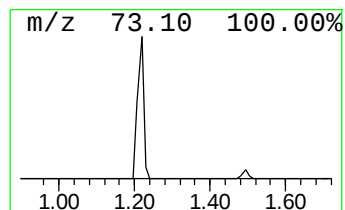
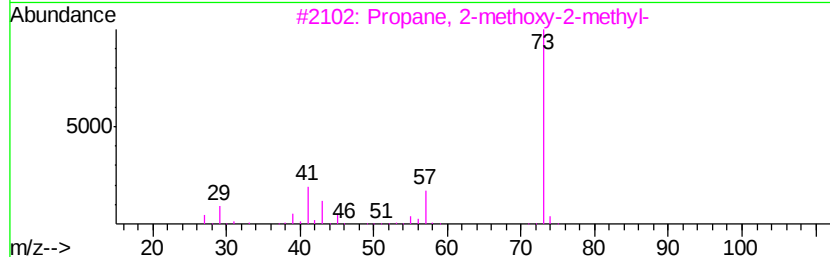
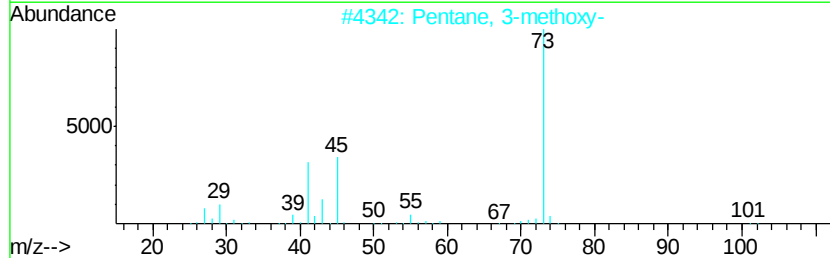
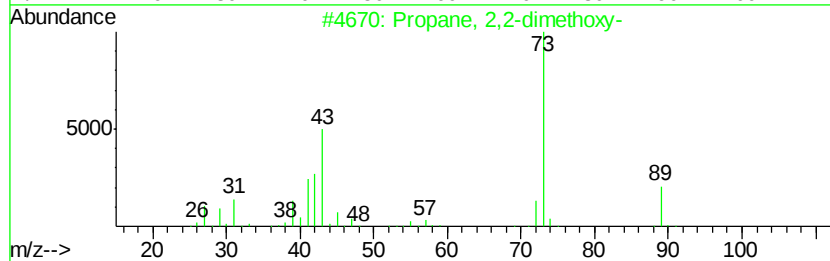
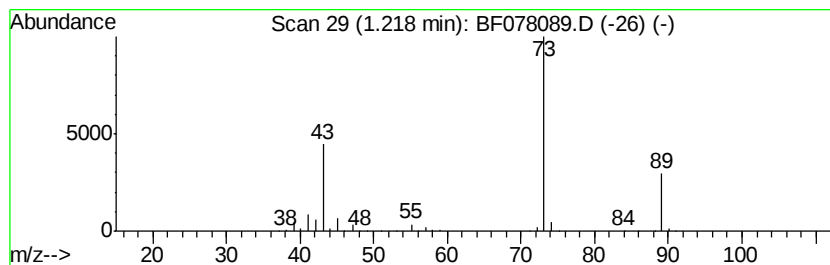
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown1.22 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 1.22 | 58.10 ng | 1024490 | 1,4-Dichlorobenzene-d4 | 7.06 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propane, 2,2-dimethoxy-        | 104 | C5H12O2 | 000077-76-9 | 39   |
| 2    |    |   | Pentane, 3-methoxy-            | 102 | C6H14O  | 036839-67-5 | 9    |
| 3    |    |   | Propane, 2-methoxy-2-methyl-   | 88  | C5H12O  | 001634-04-4 | 9    |
| 4    |    |   | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 9    |
| 5    |    |   | Methane, isothiocyanato-       | 73  | C2H3NS  | 000556-61-6 | 7    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
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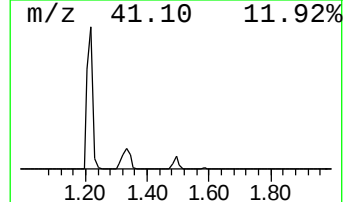
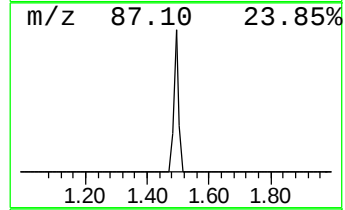
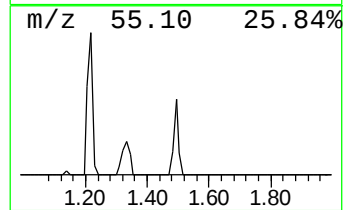
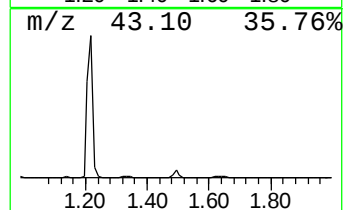
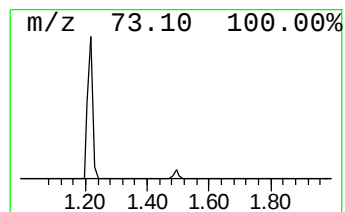
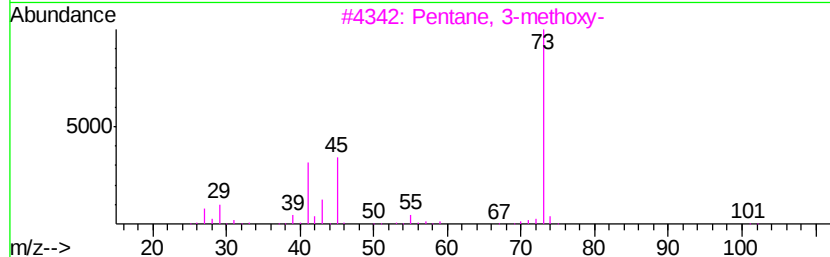
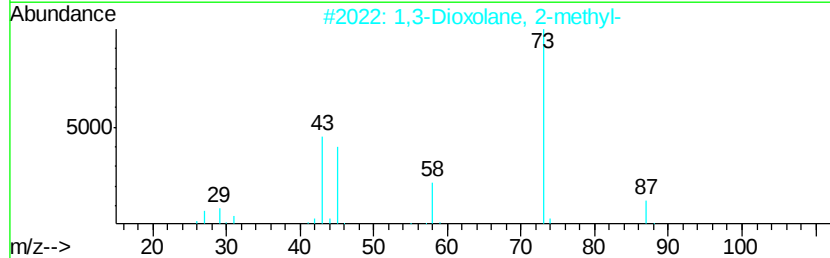
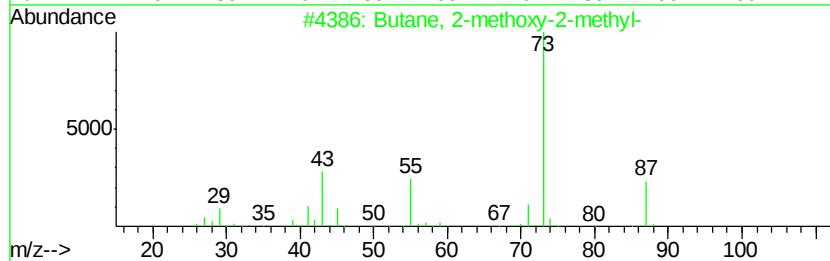
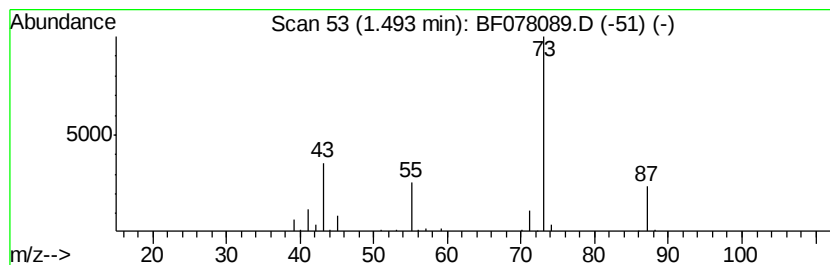
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 1.49 | 4.15 ng | 73261 | 1,4-Dichlorobenzene-d4 | 7.06 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 32   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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Misc :  
ALS Vial : 10 Sample Multiplier: 0.5

Instrument :  
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ClientSampleId :  
FS-020

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

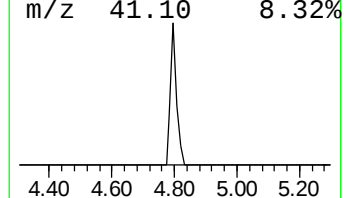
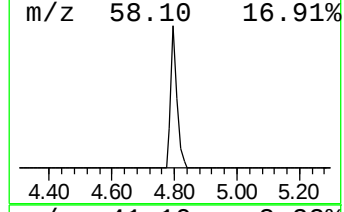
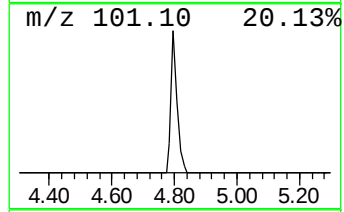
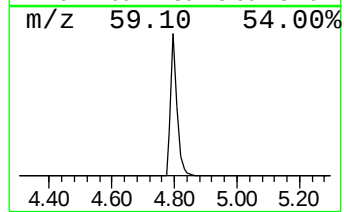
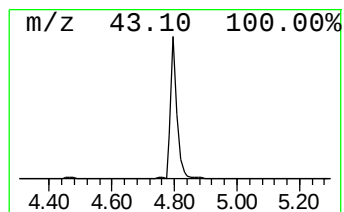
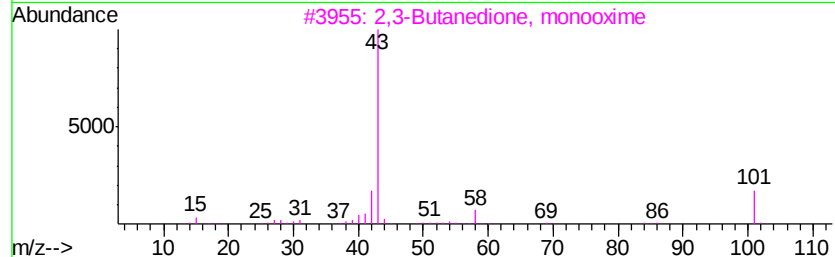
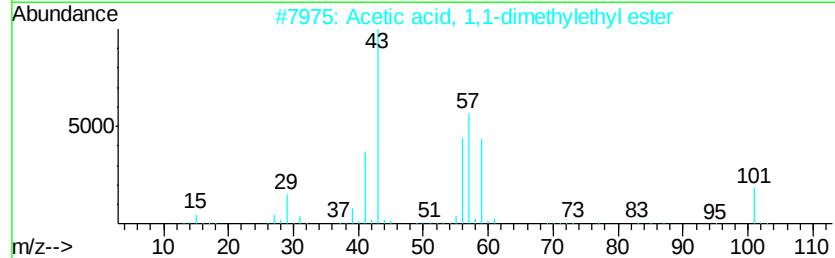
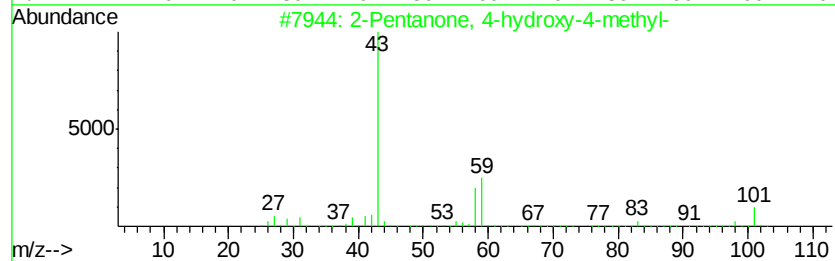
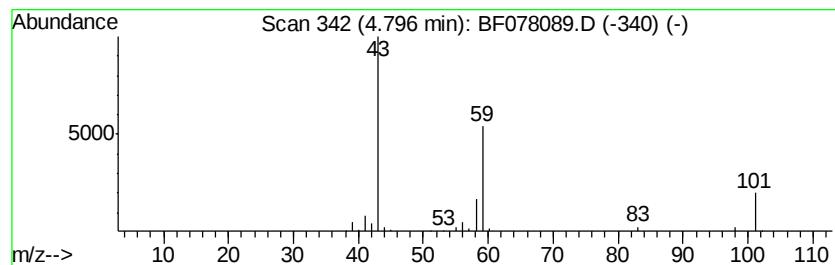
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.80 | 9.45 ng | 166581 | 1,4-Dichlorobenzene-d4 | 7.06 |

| Hit# of | 5                                   | Tentative ID | MW      | MolForm     | CAS# | Qual |
|---------|-------------------------------------|--------------|---------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-    | 116          | C6H12O2 | 000123-42-2 | 64   |      |
| 2       | Acetic acid, 1,1-dimethylethyl e... | 116          | C6H12O2 | 000540-88-5 | 39   |      |
| 3       | 2,3-Butanedione, monooxime          | 101          | C4H7NO2 | 000057-71-6 | 9    |      |
| 4       | Acetone                             | 58           | C3H6O   | 000067-64-1 | 9    |      |
| 5       | Propane, 1-ethoxy-2-methyl-         | 102          | C6H14O  | 000627-02-1 | 9    |      |



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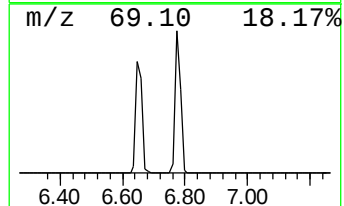
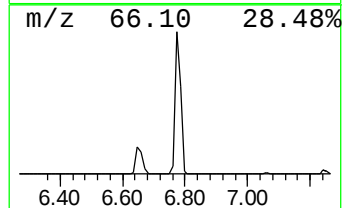
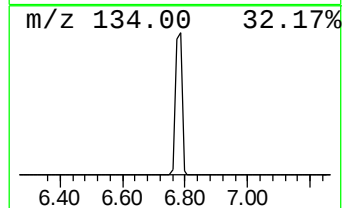
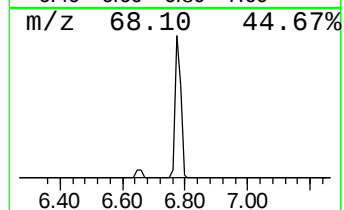
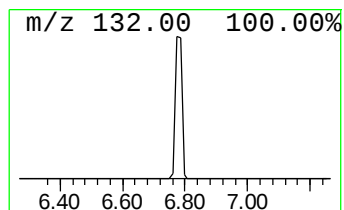
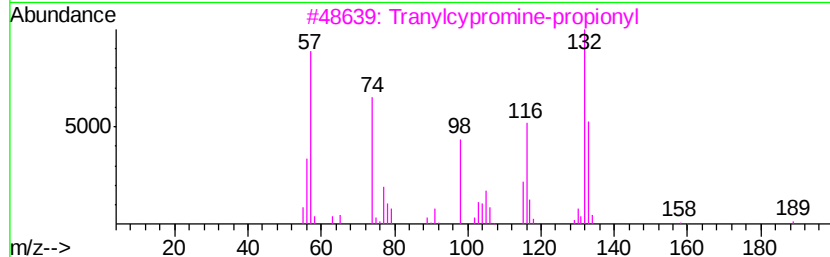
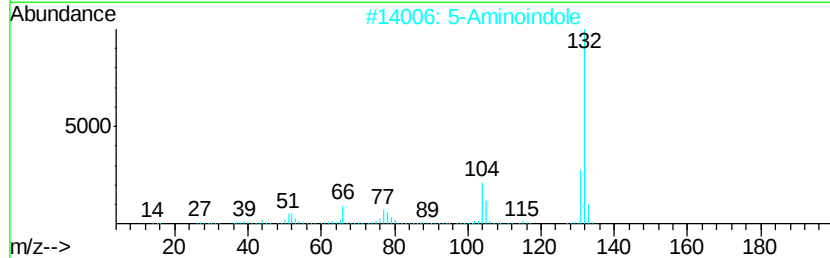
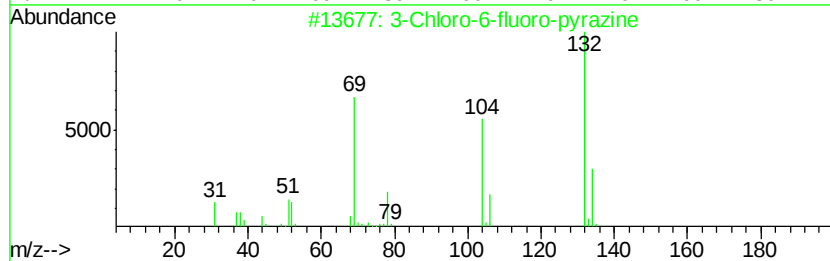
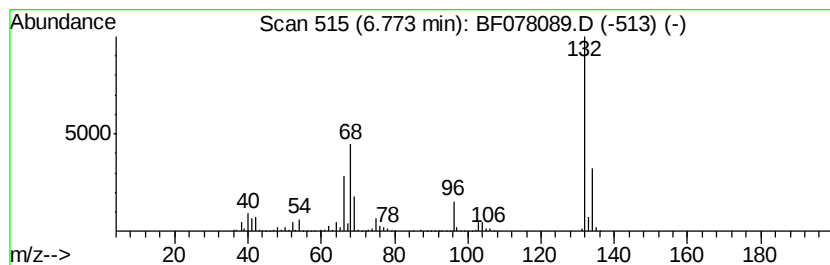
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 unknown6.77 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.77 | 82.72 ng | 1458480 | 1,4-Dichlorobenzene-d4 | 7.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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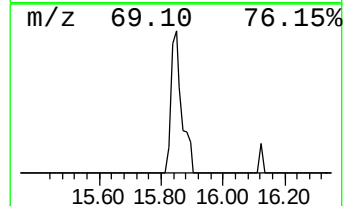
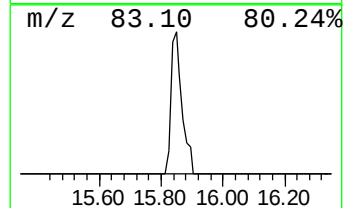
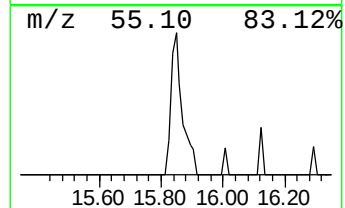
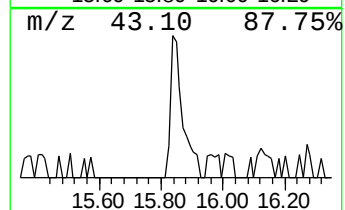
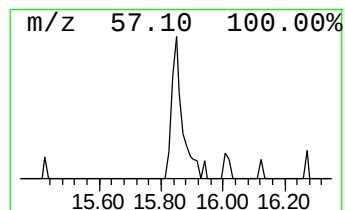
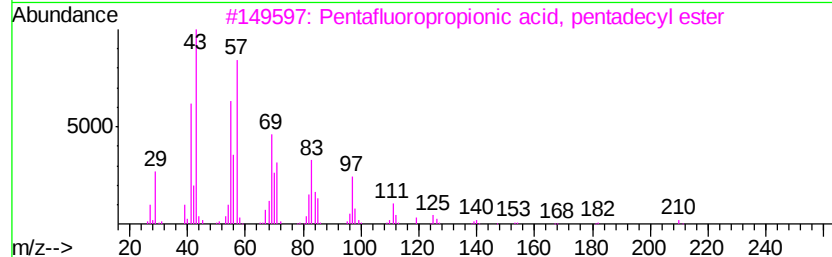
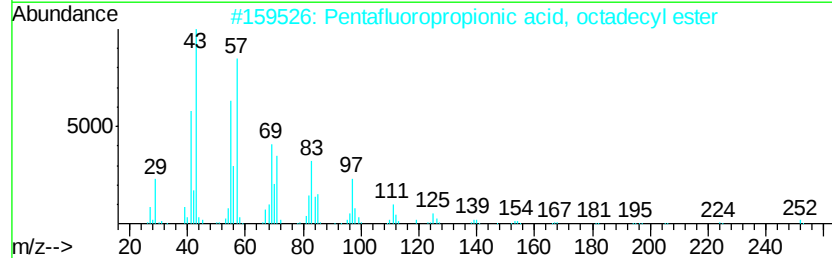
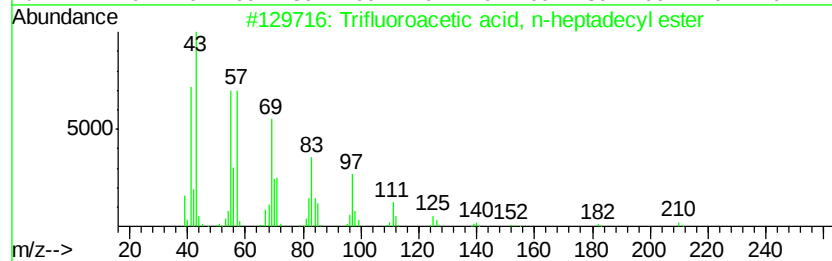
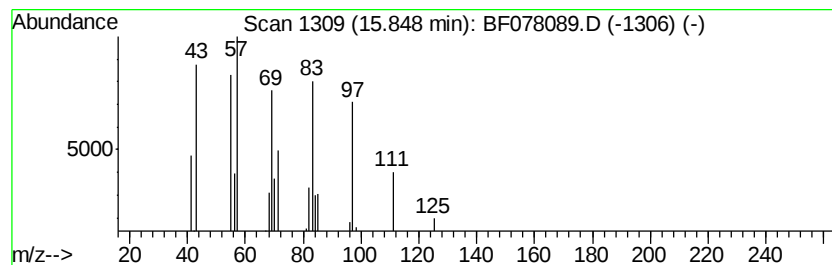
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Trifluoroacetic acid, n-hep... Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.85 | 1.51 ng | 50168 | Chrysene-d12     | 15.94 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|---------|---|-------------------------------------|-----|------------|--------------|------|
| 1       |   | Trifluoroacetic acid, n-heptadec... | 324 | C17H31F3O2 | 1000216-79-2 | 86   |
| 2       |   | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 1000280-07-7 | 83   |
| 3       |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 1000280-07-5 | 78   |
| 4       |   | 5-Octadecene, (E)-                  | 252 | C18H36     | 007206-21-5  | 72   |
| 5       |   | Pentafluoropropionic acid, tetra... | 360 | C17H29F5O2 | 006222-06-6  | 59   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF033015\  
Data File : BF078089.D  
Acq On : 30 Mar 2015 18:50  
Operator : TP/IZ  
Sample : G1701-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 0.5

Instrument :  
BNA\_F  
ClientSampleId :  
FS-020

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.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 |
| unknown1.22          | 1.22  | 58.1    | ng    | 1024490  | 1                     | 7.06  | 176323 | 20.0 |
| Butane, 2-methoxy... | 1.49  | 4.2     | ng    | 73261    | 1                     | 7.06  | 176323 | 20.0 |
| 2-Pentanone, 4-hy... | 4.80  | 9.4     | ng    | 166581   | 1                     | 7.06  | 176323 | 20.0 |
| unknown6.77          | 6.77  | 82.7    | ng    | 1458480  | 1                     | 7.06  | 176323 | 20.0 |
| Trifluoroacetic a... | 15.85 | 1.5     | ng    | 50168    | 5                     | 15.94 | 332394 | 20.0 |