

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022715\  
 Data File : BF077512.D  
 Acq On : 27 Feb 2015 18:34  
 Operator : TP/IZ  
 Sample : G1385-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FIELDBLANK

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.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         | 1.550       | 55            | 58          | 61           | rVB      | 360554         | 459728        | 13.30%          | 2.055%        |
| 2         | 1.721       | 70            | 73          | 80           | rVV      | 549495         | 723985        | 20.94%          | 3.236%        |
| 3         | 1.847       | 81            | 84          | 108          | rVB      | 911030         | 1700439       | 49.18%          | 7.600%        |
| 4         | 5.036       | 361           | 363         | 369          | rVB      | 104015         | 118112        | 3.42%           | 0.528%        |
| 5         | 5.550       | 405           | 408         | 410          | rBV      | 588804         | 724223        | 20.94%          | 3.237%        |
| 6         | 6.807       | 516           | 518         | 521          | rBV      | 370547         | 418731        | 12.11%          | 1.871%        |
| 7         | 6.967       | 529           | 532         | 534          | rBV      | 1801061        | 1631591       | 47.19%          | 7.292%        |
| 8         | 7.253       | 555           | 557         | 560          | rBV      | 441675         | 516357        | 14.93%          | 2.308%        |
| 9         | 7.447       | 571           | 574         | 576          | rVB      | 1773157        | 1730118       | 50.04%          | 7.732%        |
| 10        | 7.950       | 615           | 618         | 620          | rBV      | 1464571        | 1346867       | 38.95%          | 6.020%        |
| 11        | 8.830       | 693           | 695         | 697          | rVB      | 713355         | 697870        | 20.18%          | 3.119%        |
| 12        | 10.179      | 811           | 813         | 816          | rVB      | 3139603        | 2783101       | 80.49%          | 12.439%       |
| 13        | 10.408      | 831           | 833         | 835          | rBV2     | 63135          | 85348         | 2.47%           | 0.381%        |
| 14        | 11.002      | 883           | 885         | 887          | rBV      | 696176         | 826541        | 23.90%          | 3.694%        |
| 15        | 11.048      | 887           | 889         | 891          | rVB      | 52059          | 54661         | 1.58%           | 0.244%        |
| 16        | 11.802      | 952           | 955         | 957          | rVB      | 447893         | 419556        | 12.13%          | 1.875%        |
| 17        | 11.985      | 968           | 971         | 974          | rBV      | 1773771        | 1698708       | 49.13%          | 7.592%        |
| 18        | 12.854      | 1044          | 1047        | 1049         | rBV      | 646783         | 899294        | 26.01%          | 4.019%        |
| 19        | 14.842      | 1218          | 1221        | 1224         | rBV      | 3184877        | 3457754       | 100.00%         | 15.454%       |
| 20        | 16.134      | 1331          | 1334        | 1337         | rBV      | 1038006        | 1040933       | 30.10%          | 4.652%        |
| 21        | 17.860      | 1482          | 1485        | 1488         | rBV      | 768199         | 1040856       | 30.10%          | 4.652%        |

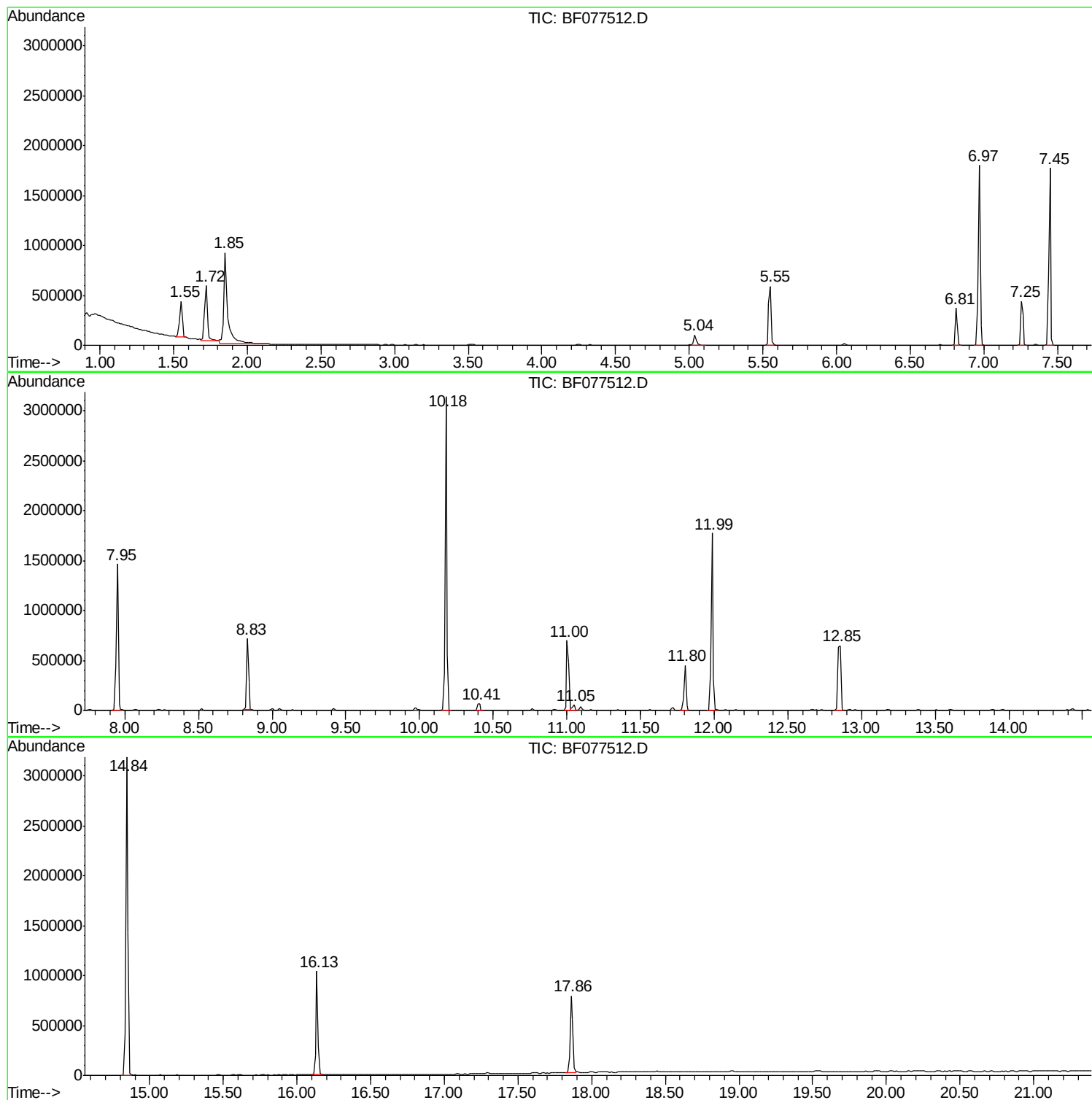
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\  
Data File : BF077512.D  
Acq On : 27 Feb 2015 18:34  
Operator : TP/IZ  
Sample : G1385-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.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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Sample : G1385-06  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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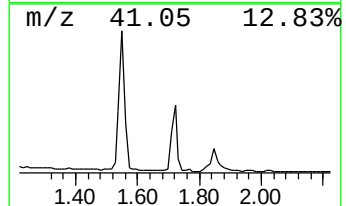
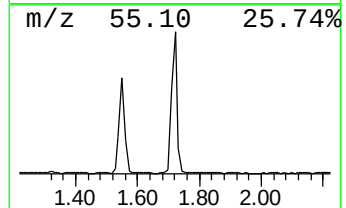
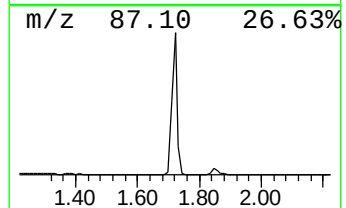
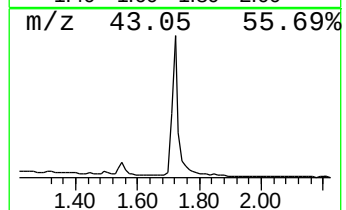
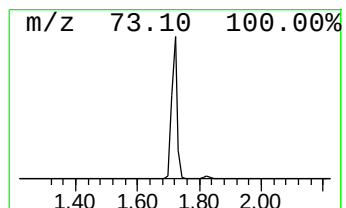
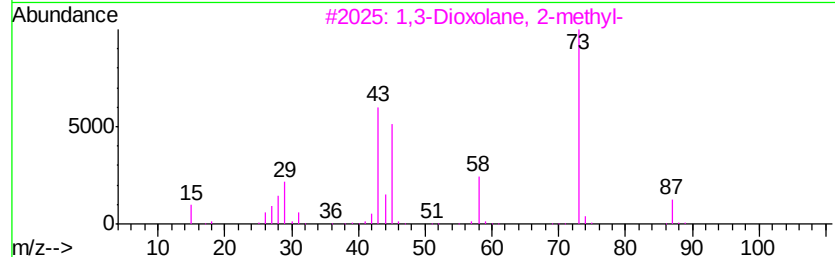
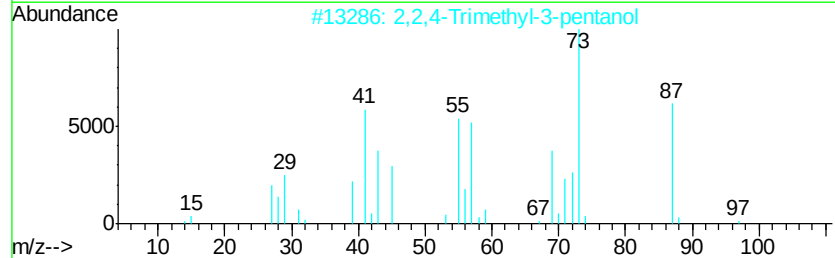
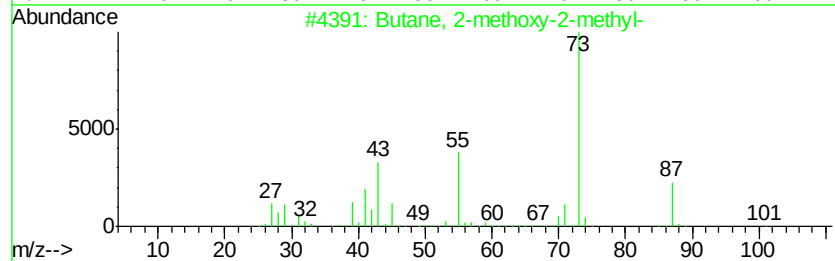
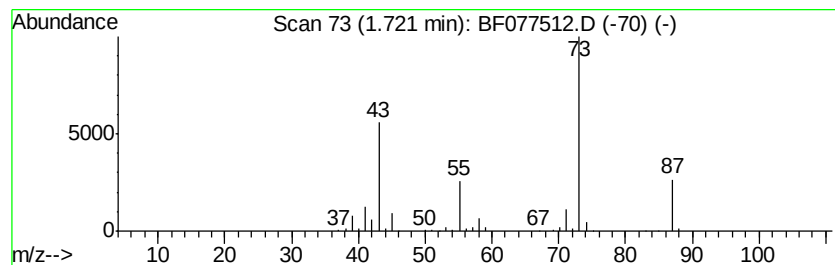
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 1.72 | 28.04 ng | 723985 | 1,4-Dichlorobenzene-d4 | 7.26 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 17   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |
| 5    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

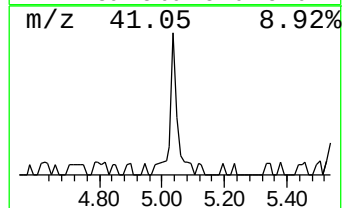
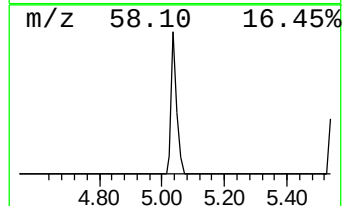
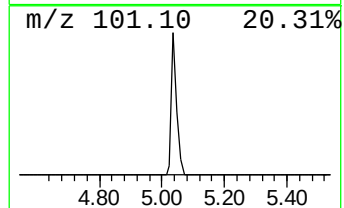
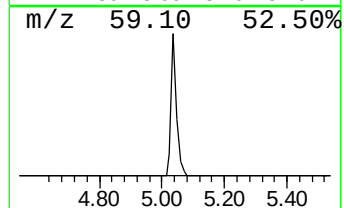
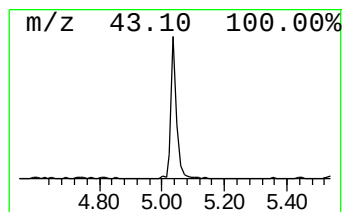
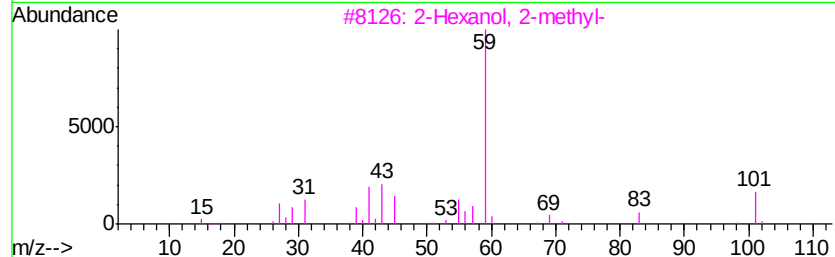
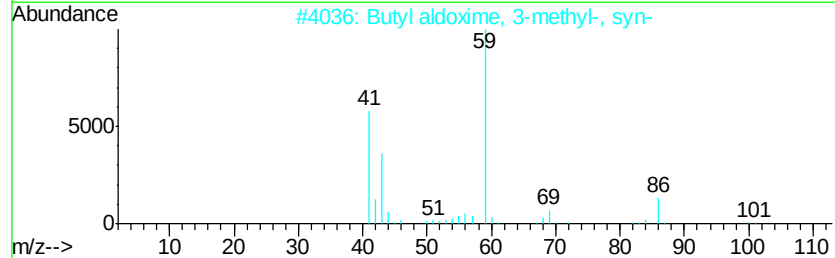
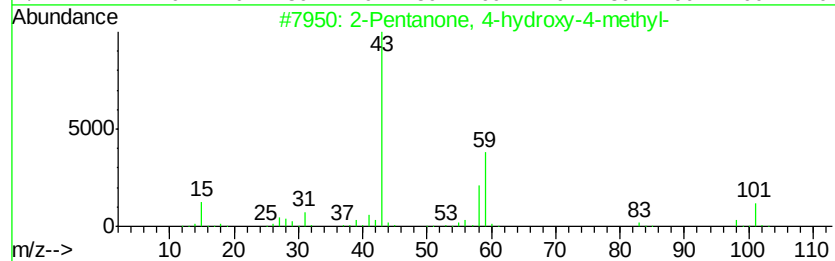
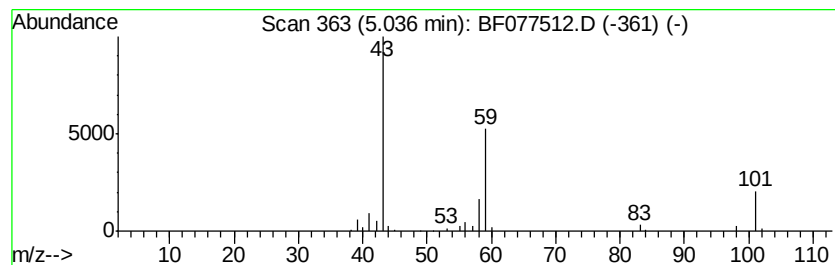
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.04 | 4.57 ng | 118112 | 1,4-Dichlorobenzene-d4 | 7.26 |

| Hit# of | 5                                | Tentative ID | MW      | MolForm     | CAS# | Qual |
|---------|----------------------------------|--------------|---------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl- | 116          | C6H12O2 | 000123-42-2 | 50   |      |
| 2       | Butyl aldoxime, 3-methyl-, syn-  | 101          | C5H11NO | 005780-40-5 | 23   |      |
| 3       | 2-Hexanol, 2-methyl-             | 116          | C7H16O  | 000625-23-0 | 23   |      |
| 4       | Butane, 1-ethoxy-                | 102          | C6H14O  | 000628-81-9 | 9    |      |
| 5       | 5-Hexen-2-one                    | 98           | C6H10O  | 000109-49-9 | 9    |      |



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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M  
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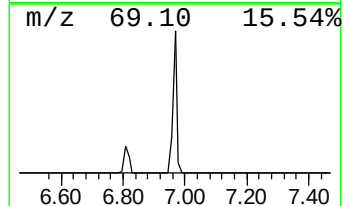
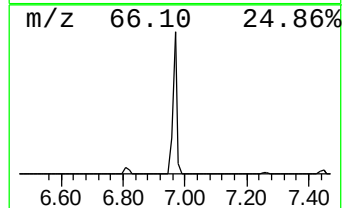
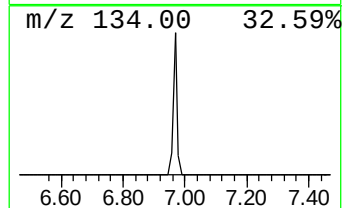
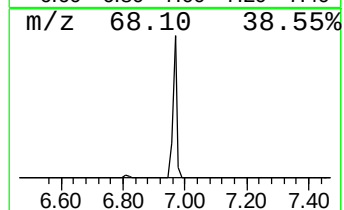
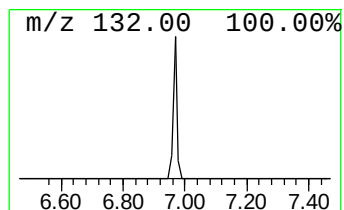
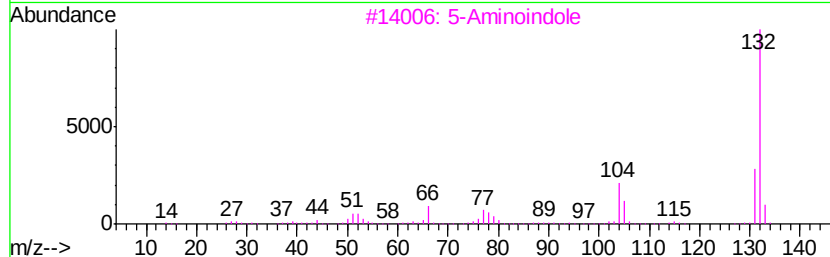
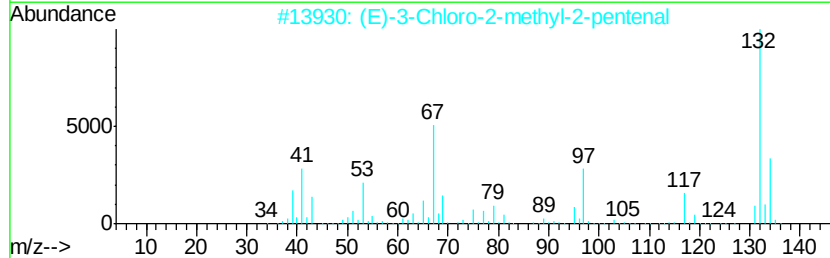
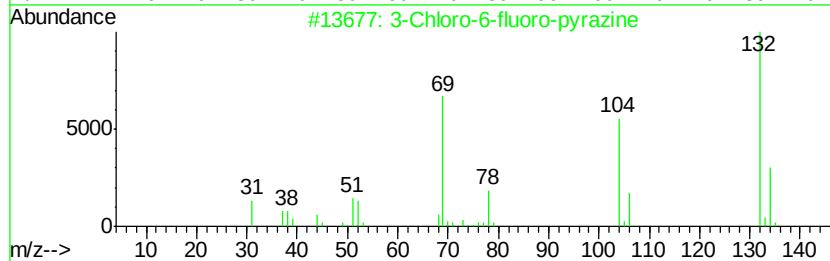
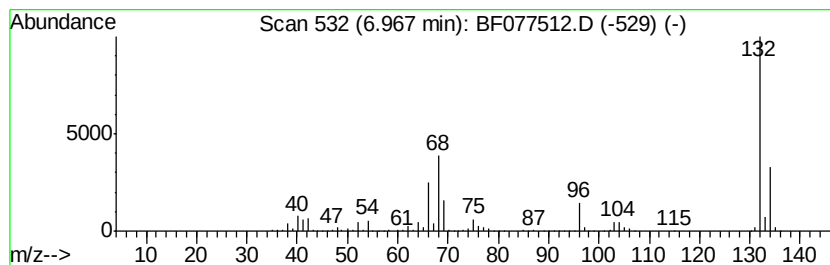
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown6.97 Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.97 | 63.20 ng | 1631590 | 1,4-Dichlorobenzene-d4 | 7.26 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

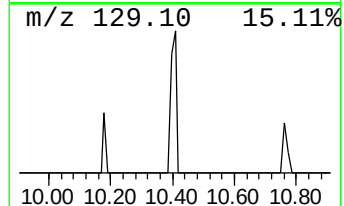
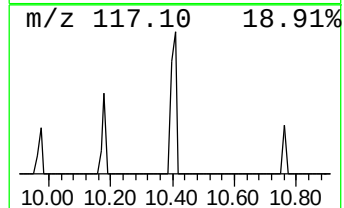
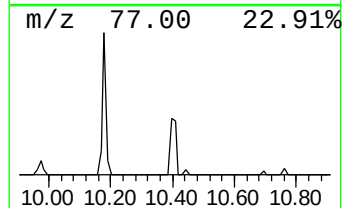
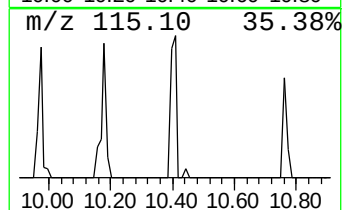
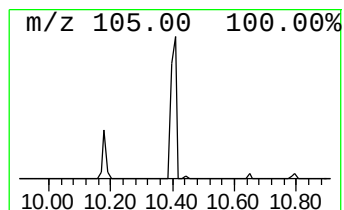
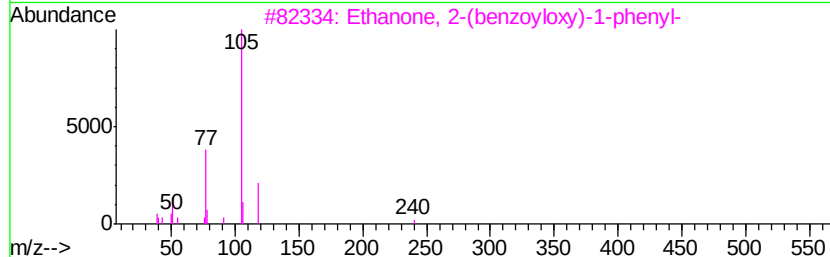
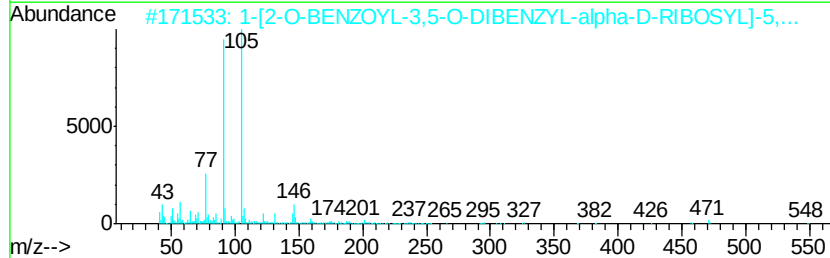
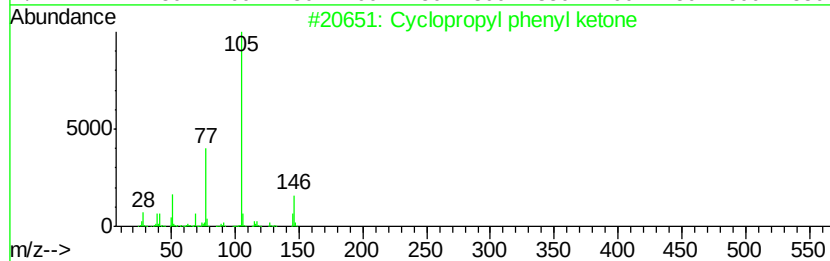
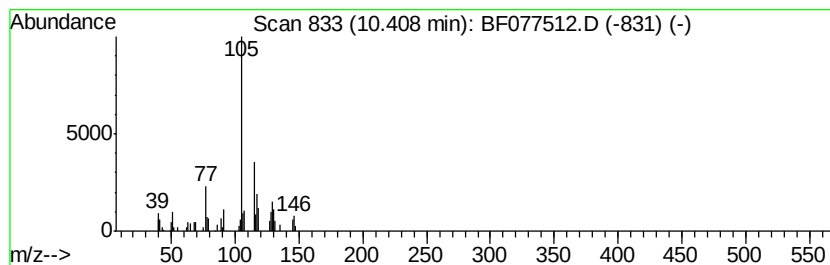
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown10.41 Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 10.41 | 2.07 ng | 85348 | Acenaphthene-d10 | 11.01 |

| Hit# | of | Tentative ID                                              | MW  | MolForm     | CAS#         | Qual |
|------|----|-----------------------------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cyclopropyl phenyl ketone                                 | 146 | C10H10O     | 003481-02-5  | 18   |
| 2    |    | 1-[2-O-BENZOYL-3,5-O-DIBENZYL- $\alpha$ -D-RIBOSYL]-5-... | 562 | C35H34N2O5  | 1000129-82-2 | 16   |
| 3    |    | Ethanone, 2-(benzoyloxy)-1-phenyl-                        | 240 | C15H12O3    | 033868-50-7  | 14   |
| 4    |    | 2,5-Cyclohexadiene-1,4-dione, 5-...                       | 333 | C15H12BrN03 | 296243-33-9  | 14   |
| 5    |    | Benzene, 1,1'-(oxydiethylidene)bis-                       | 226 | C16H18O     | 000093-96-9  | 12   |



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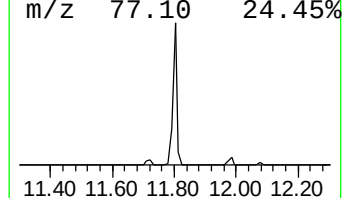
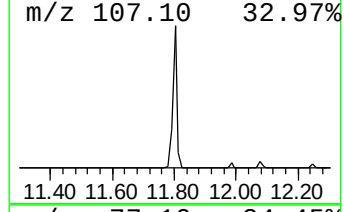
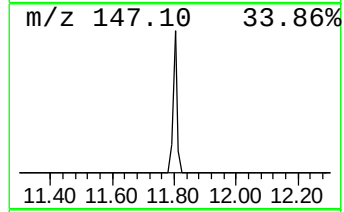
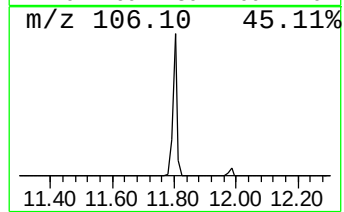
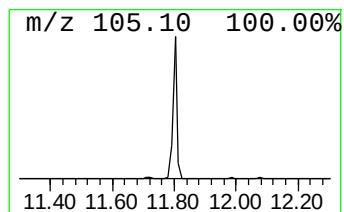
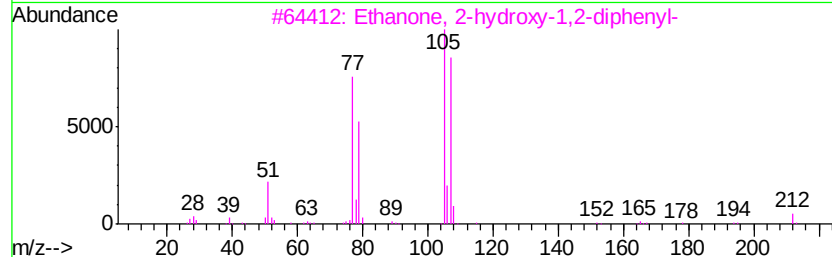
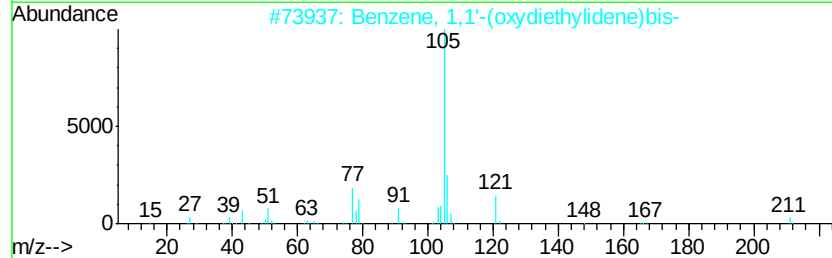
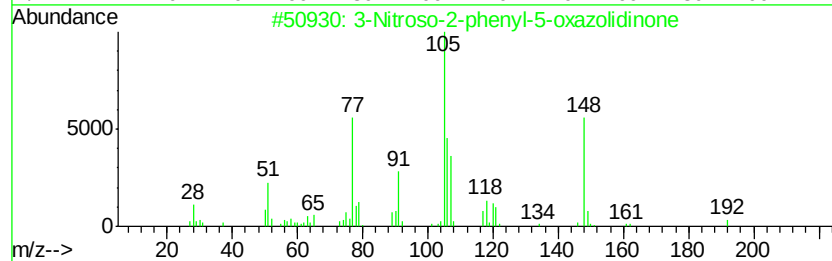
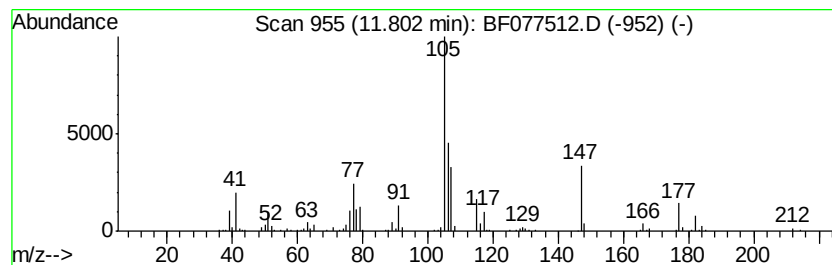
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown11.80 Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 11.80 | 10.15 ng | 419556 | Acenaphthene-d10 | 11.01 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 3-Nitroso-2-phenyl-5-oxazolidinone  | 192 | C9H8N2O3 | 074471-73-1 | 38   |
| 2    |    | Benzene, 1,1'-(oxydiethylidene)bis- | 226 | C16H18O  | 000093-96-9 | 27   |
| 3    |    | Ethanone, 2-hydroxy-1,2-diphenyl-   | 212 | C14H12O2 | 000119-53-9 | 27   |
| 4    |    | Benzamide, N-butyl-                 | 177 | C11H15NO | 002782-40-3 | 25   |
| 5    |    | Benzamide, N-(1,1-dimethylethyl)-   | 177 | C11H15NO | 005894-65-5 | 25   |



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Data File : BF077512.D  
Acq On : 27 Feb 2015 18:34  
Operator : TP/IZ  
Sample : G1385-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FIELDBLANK

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.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 |
| Butane, 2-methoxy... | 1.72  | 28.0    | ng    | 723985   | 1                     | 7.26  | 516357 | 20.0 |
| 2-Pentanone, 4-hy... | 5.04  | 4.6     | ng    | 118112   | 1                     | 7.26  | 516357 | 20.0 |
| unknown6.97          | 6.97  | 63.2    | ng    | 1631590  | 1                     | 7.26  | 516357 | 20.0 |
| unknown10.41         | 10.41 | 2.1     | ng    | 85348    | 3                     | 11.01 | 826541 | 20.0 |
| unknown11.80         | 11.80 | 10.2    | ng    | 419556   | 3                     | 11.01 | 826541 | 20.0 |