

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061215\  
 Data File : BF079959.D  
 Acq On : 13 Jun 2015 5:21  
 Operator : TP/IZ  
 Sample : G2522-18  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-15

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-BF061115.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         | 1.335       | 11            | 13          | 15           | rVB      | 352838         | 294182        | 12.13%          | 1.761%        |
| 2         | 2.158       | 83            | 85          | 91           | rVB      | 92943          | 142408        | 5.87%           | 0.853%        |
| 3         | 2.330       | 99            | 100         | 107          | rBV      | 686035         | 1358894       | 56.03%          | 8.136%        |
| 4         | 2.433       | 107           | 109         | 127          | rVB      | 92963          | 332643        | 13.71%          | 1.992%        |
| 5         | 2.661       | 127           | 129         | 133          | rVB      | 377016         | 579795        | 23.90%          | 3.471%        |
| 6         | 4.547       | 291           | 294         | 297          | rBV      | 188626         | 206887        | 8.53%           | 1.239%        |
| 7         | 5.987       | 418           | 420         | 423          | rBV2     | 717174         | 711167        | 29.32%          | 4.258%        |
| 8         | 6.227       | 438           | 441         | 444          | rVB2     | 175749         | 260472        | 10.74%          | 1.560%        |
| 9         | 6.970       | 504           | 506         | 508          | rBV      | 535751         | 423874        | 17.48%          | 2.538%        |
| 10        | 7.142       | 519           | 521         | 523          | rBV      | 1445740        | 1184593       | 48.84%          | 7.092%        |
| 11        | 7.382       | 540           | 542         | 544          | rVB      | 172666         | 236113        | 9.73%           | 1.414%        |
| 12        | 7.530       | 553           | 555         | 557          | rBV      | 868601         | 1053670       | 43.44%          | 6.309%        |
| 13        | 7.645       | 563           | 565         | 567          | rVB      | 325497         | 423654        | 17.47%          | 2.537%        |
| 14        | 7.930       | 588           | 590         | 592          | rBV      | 1080930        | 834741        | 34.42%          | 4.998%        |
| 15        | 8.685       | 652           | 656         | 659          | rBV      | 869039         | 1462539       | 60.30%          | 8.757%        |
| 16        | 9.748       | 746           | 749         | 751          | rBV      | 1729700        | 1828304       | 75.38%          | 10.947%       |
| 17        | 10.445      | 808           | 810         | 812          | rBV      | 351062         | 399205        | 16.46%          | 2.390%        |
| 18        | 11.233      | 877           | 879         | 882          | rBV      | 1200140        | 1036548       | 42.74%          | 6.206%        |
| 19        | 11.942      | 939           | 941         | 944          | rBV      | 522980         | 462849        | 19.08%          | 2.771%        |
| 20        | 13.588      | 1083          | 1085        | 1088         | rBV      | 2143326        | 2425454       | 100.00%         | 14.522%       |
| 21        | 14.811      | 1190          | 1192        | 1195         | rBV      | 397348         | 530836        | 21.89%          | 3.178%        |
| 22        | 16.663      | 1351          | 1354        | 1365         | rVB      | 306406         | 513350        | 21.17%          | 3.074%        |

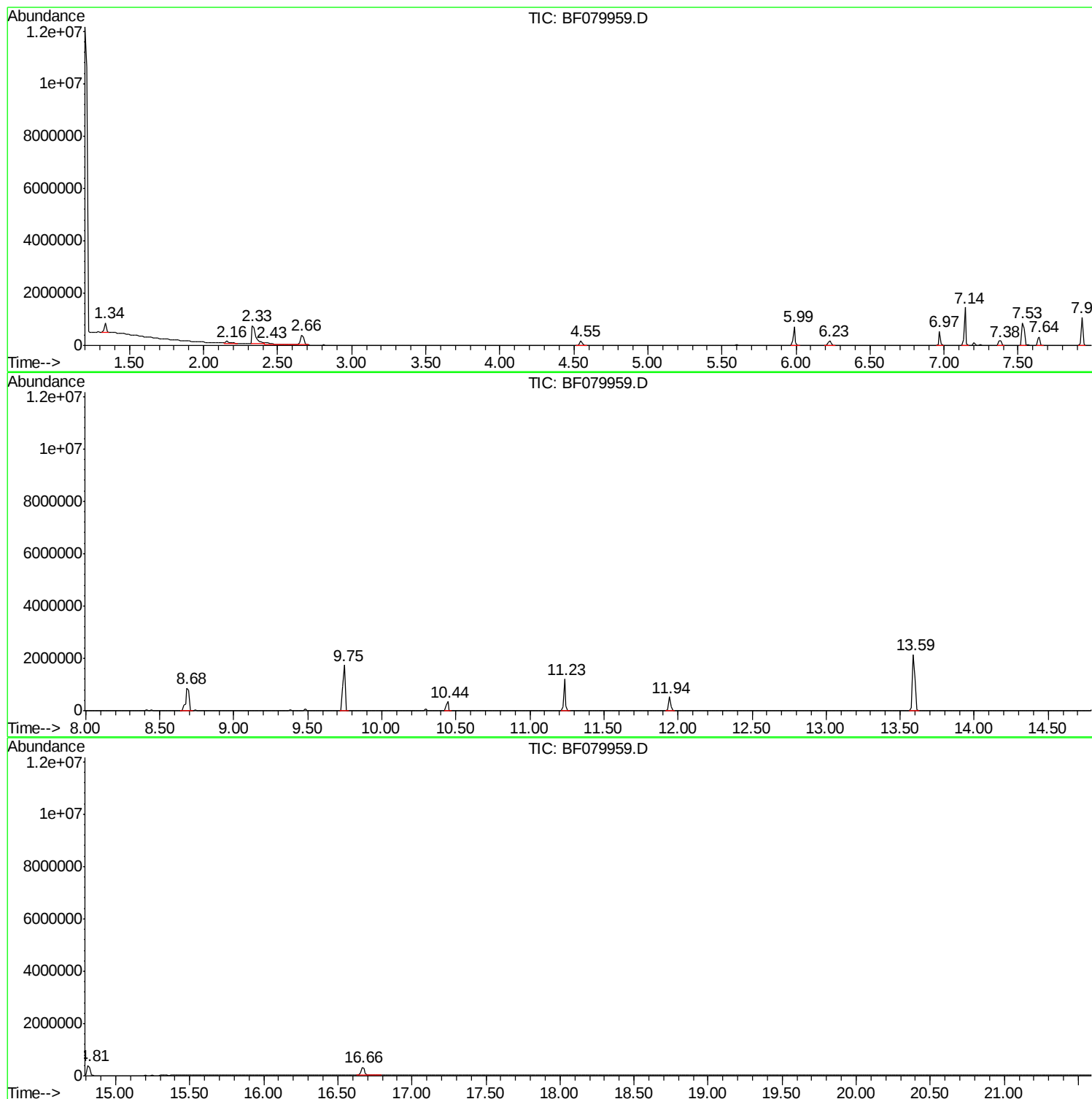
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ALS Vial : 23 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
MW-15

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.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 : G2522-18  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-15

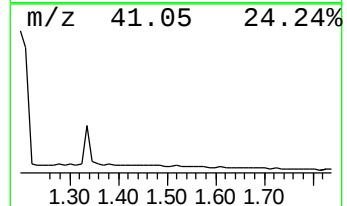
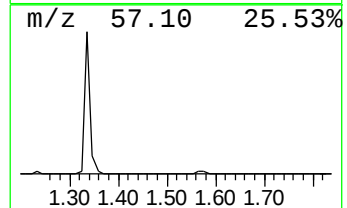
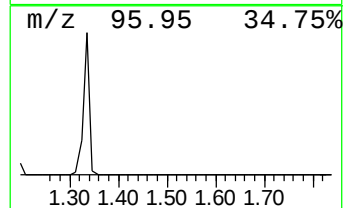
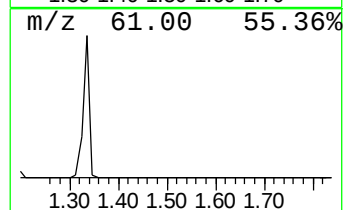
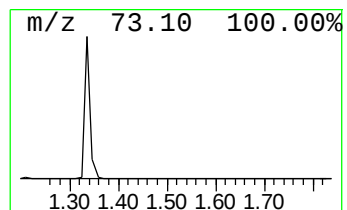
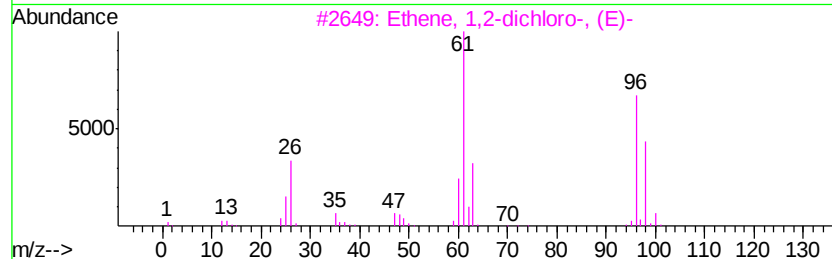
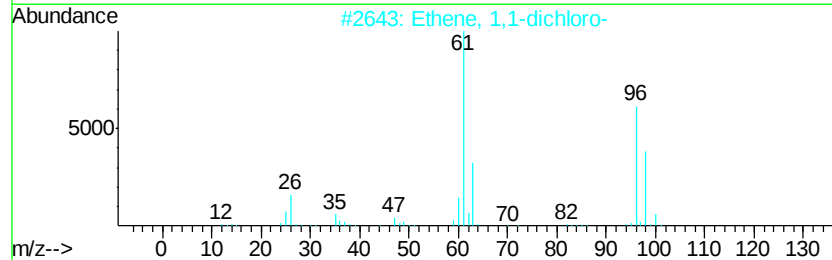
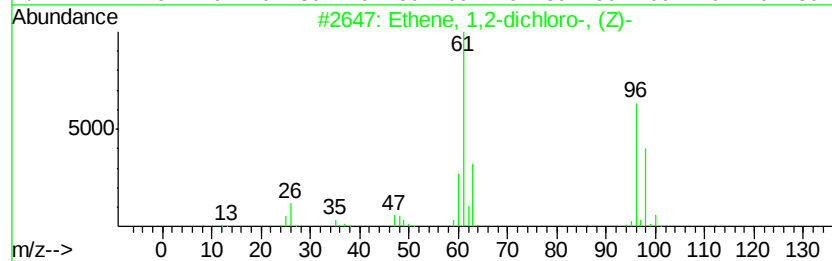
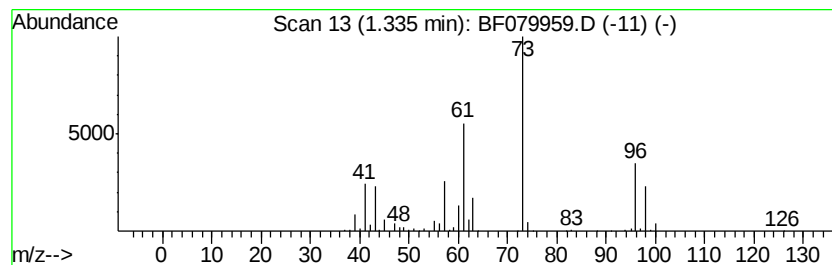
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Ethene, 1,2-dichloro-, (Z)- Concentration Rank 7

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 1.34 | 24.92 ng | 294182 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of | Tentative ID                | MW | MolForm | CAS#        | Qual |
|------|----|-----------------------------|----|---------|-------------|------|
| 1    | 5  | Ethene, 1,2-dichloro-, (Z)- | 96 | C2H2Cl2 | 000156-59-2 | 94   |
| 2    |    | Ethene, 1,1-dichloro-       | 96 | C2H2Cl2 | 000075-35-4 | 93   |
| 3    |    | Ethene, 1,2-dichloro-, (E)- | 96 | C2H2Cl2 | 000156-60-5 | 93   |
| 4    |    | 1,2-Dichloroethylene        | 96 | C2H2Cl2 | 000540-59-0 | 87   |
| 5    |    | Chloromethylmethyl sulfide  | 96 | C2H5ClS | 002373-51-5 | 32   |



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MW-15

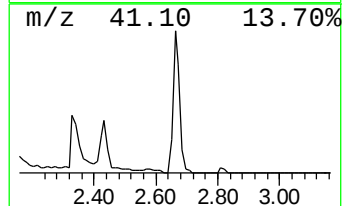
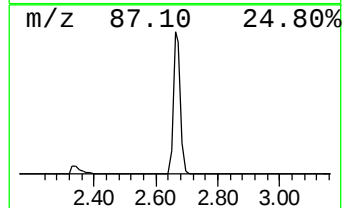
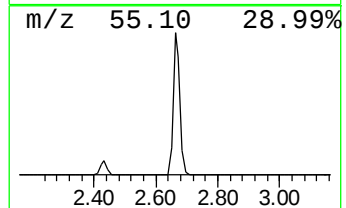
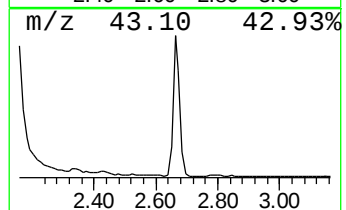
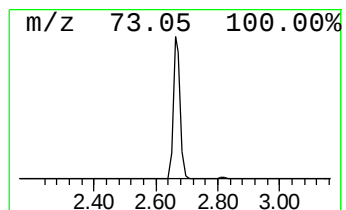
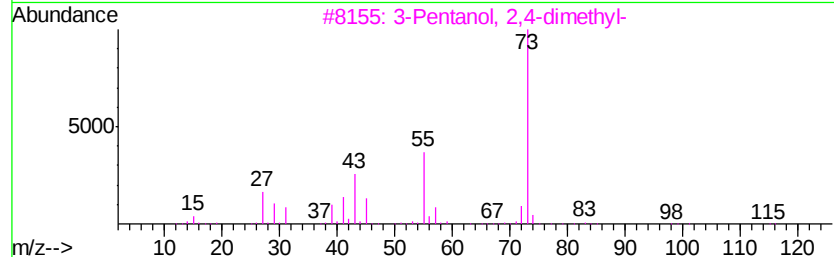
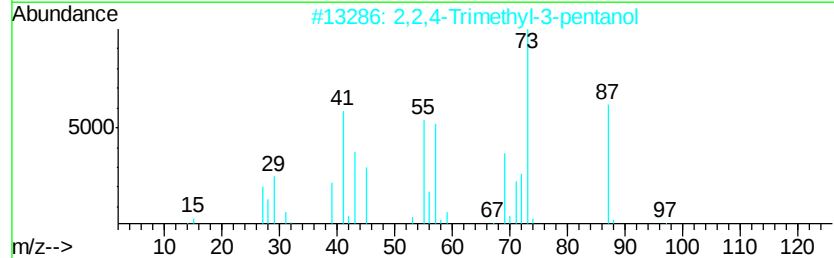
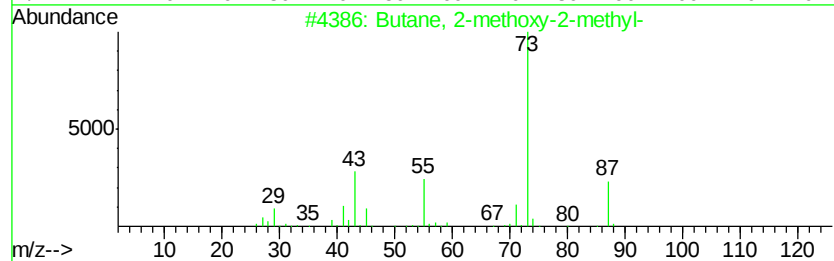
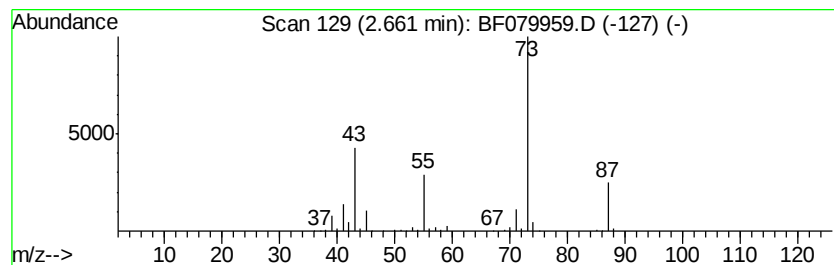
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.66 | 49.11 ng | 579795 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 4    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 5    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-15

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

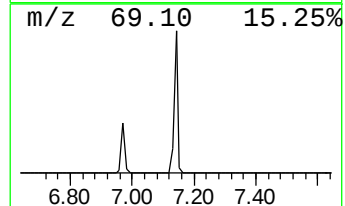
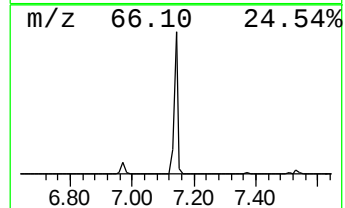
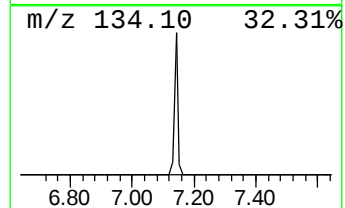
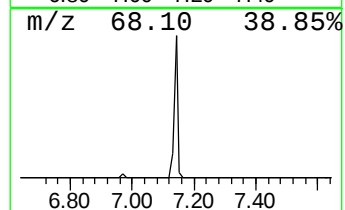
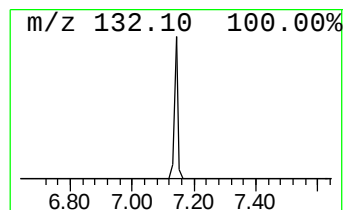
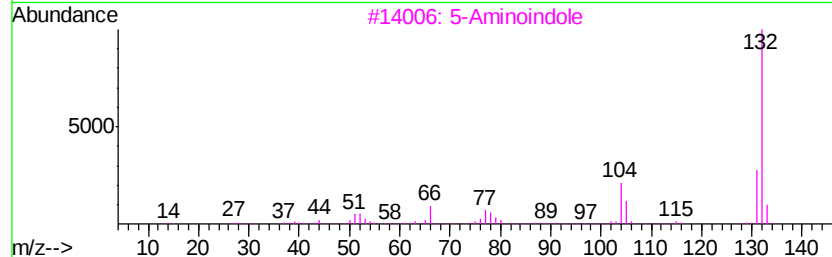
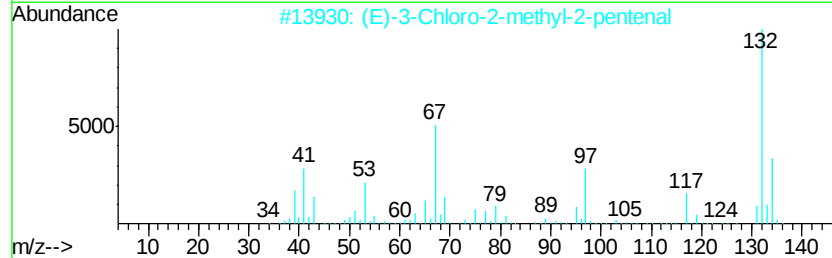
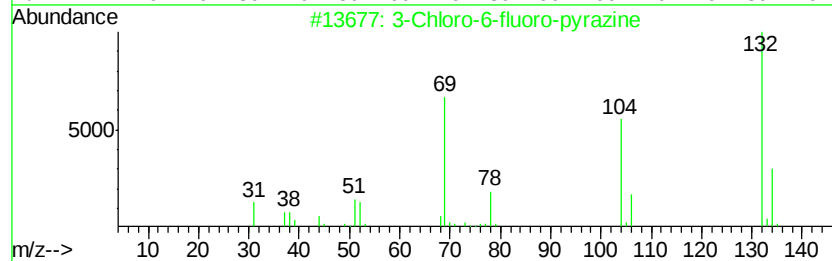
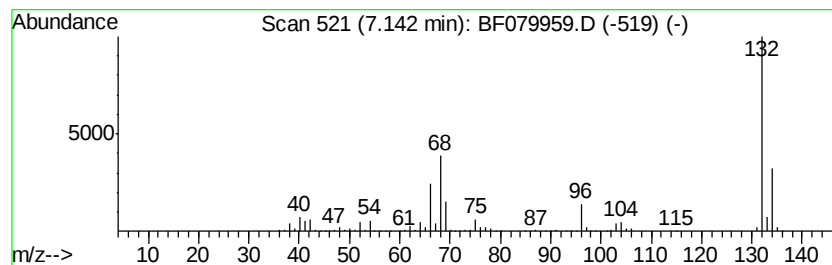
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown7.14 Concentration Rank 2

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.14 | 100.34 ng | 1184590 | 1,4-Dichlorobenzene-d4 | 7.38 |

| 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    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 10   |
| 5    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |



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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

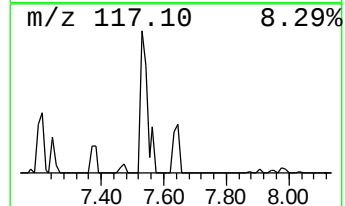
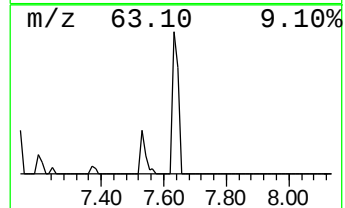
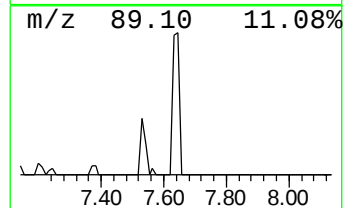
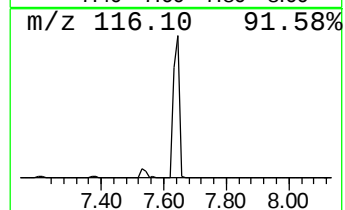
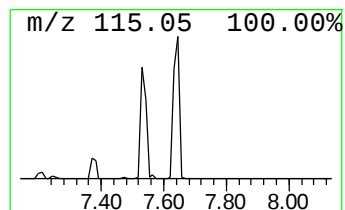
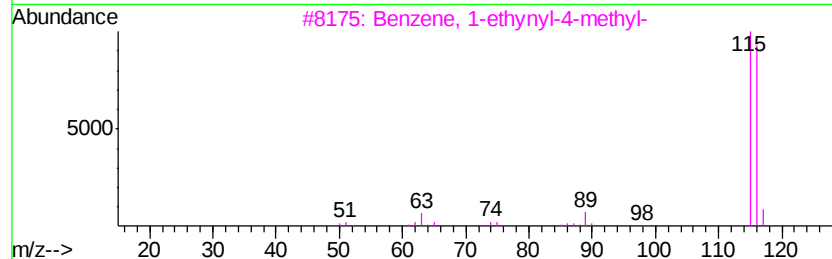
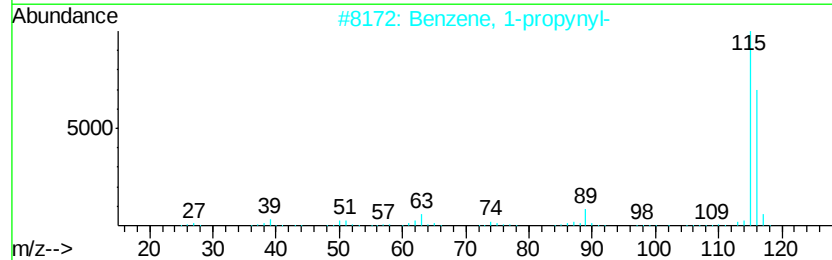
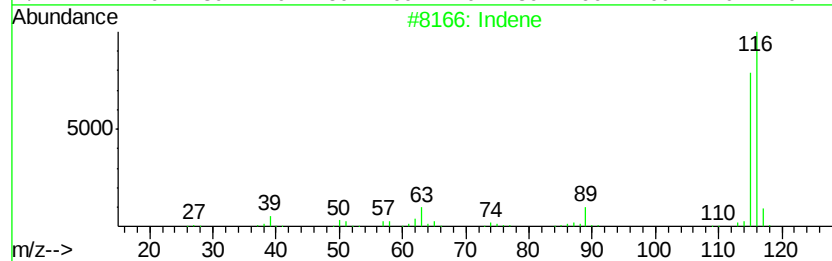
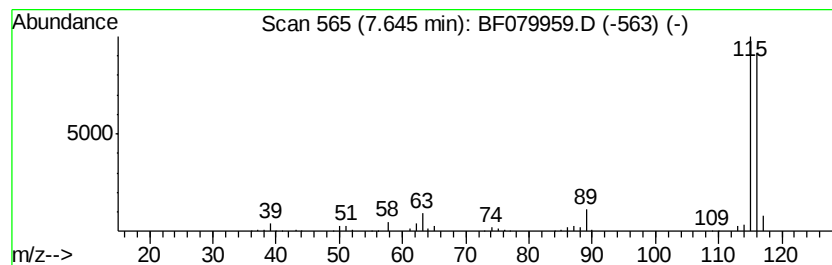
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Indene Concentration Rank 5

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.64 | 35.89 ng | 423654 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indene                       | 116 | C9H8    | 000095-13-6 | 97   |
| 2    |    |   | Benzene, 1-propynyl-         | 116 | C9H8    | 000673-32-5 | 94   |
| 3    |    |   | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8    | 000766-97-2 | 90   |
| 4    |    |   | Benzene, 1,2-propadienyl-    | 116 | C9H8    | 002327-99-3 | 90   |
| 5    |    |   | 1-Propyne, 3-phenyl-         | 116 | C9H8    | 010147-11-2 | 72   |



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

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethene, 1,2-dichl... | 1.34 | 24.9    | ng    | 294182   | 1                     | 7.38 | 236113 | 20.0 |
| Butane, 2-methoxy... | 2.66 | 49.1    | ng    | 579795   | 1                     | 7.38 | 236113 | 20.0 |
| unknown7.14          | 7.14 | 100.3   | ng    | 1184590  | 1                     | 7.38 | 236113 | 20.0 |
| Indene               | 7.64 | 35.9    | ng    | 423654   | 1                     | 7.38 | 236113 | 20.0 |