

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060616\  
 Data File : BG022202.D  
 Acq On : 7 Jun 2016 13:21  
 Operator : UM/SJ  
 Sample : H3424-06  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CTM-6(5-7.5)

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\_G\METHODS\8270-BG060616.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         | 2.985       | 19            | 25          | 47           | rVB      | 1146533        | 1870571       | 100.00%         | 19.371%       |
| 2         | 5.189       | 395           | 400         | 408          | rBV2     | 13104          | 23439         | 1.25%           | 0.243%        |
| 3         | 5.664       | 474           | 481         | 496          | rBV      | 237860         | 454598        | 24.30%          | 4.708%        |
| 4         | 7.274       | 748           | 755         | 771          | rBV      | 257886         | 516088        | 27.59%          | 5.344%        |
| 5         | 7.650       | 811           | 819         | 832          | rBV      | 272231         | 550173        | 29.41%          | 5.697%        |
| 6         | 8.120       | 890           | 899         | 912          | rBV      | 58642          | 121034        | 6.47%           | 1.253%        |
| 7         | 8.444       | 944           | 954         | 965          | rBV      | 206559         | 420548        | 22.48%          | 4.355%        |
| 8         | 9.290       | 1089          | 1098        | 1114         | rBV      | 134297         | 296427        | 15.85%          | 3.070%        |
| 9         | 10.941      | 1371          | 1379        | 1391         | rBV      | 87598          | 187405        | 10.02%          | 1.941%        |
| 10        | 13.367      | 1785          | 1792        | 1814         | rBV      | 530789         | 951411        | 50.86%          | 9.852%        |
| 11        | 14.190      | 1927          | 1932        | 1943         | rBV      | 41269          | 68017         | 3.64%           | 0.704%        |
| 12        | 14.748      | 2019          | 2027        | 2037         | rBV2     | 185032         | 329341        | 17.61%          | 3.411%        |
| 13        | 16.234      | 2273          | 2280        | 2292         | rBV      | 415595         | 710573        | 37.99%          | 7.358%        |
| 14        | 17.492      | 2487          | 2494        | 2507         | rBV2     | 232865         | 414498        | 22.16%          | 4.292%        |
| 15        | 20.083      | 2929          | 2935        | 2952         | rBV      | 1163015        | 1651193       | 88.27%          | 17.099%       |
| 16        | 20.753      | 3043          | 3049        | 3060         | rBV2     | 84080          | 145522        | 7.78%           | 1.507%        |
| 17        | 21.381      | 3150          | 3156        | 3165         | rBV9     | 9082           | 27648         | 1.48%           | 0.286%        |
| 18        | 21.763      | 3214          | 3221        | 3235         | rBV2     | 231845         | 464116        | 24.81%          | 4.806%        |
| 19        | 25.059      | 3769          | 3782        | 3800         | rBV3     | 131985         | 453984        | 24.27%          | 4.701%        |

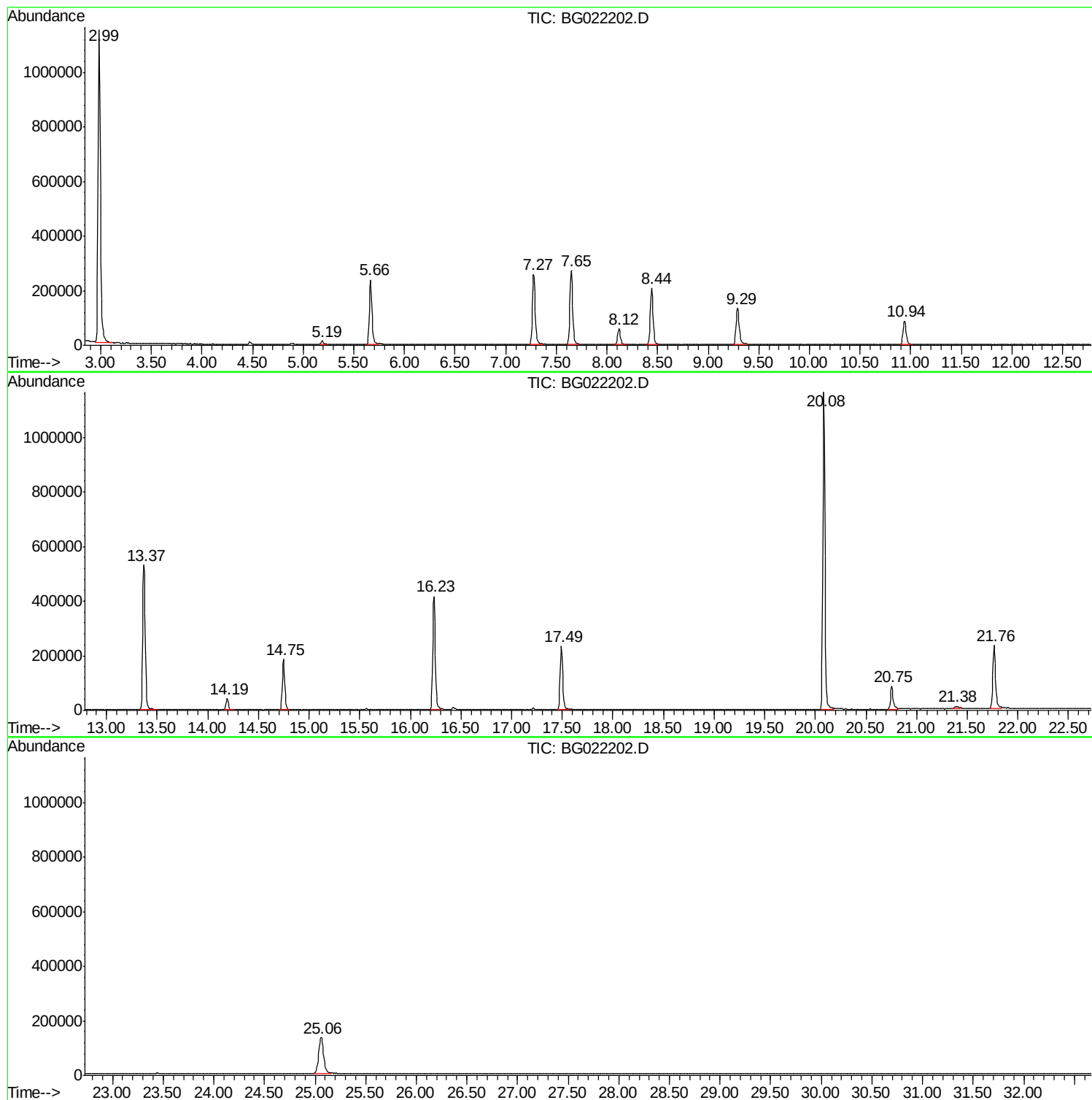
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ClientSampleId :  
CTM-6(5-7.5)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.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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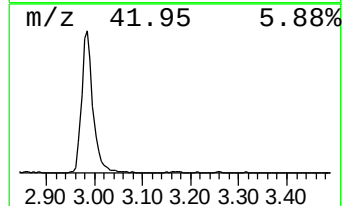
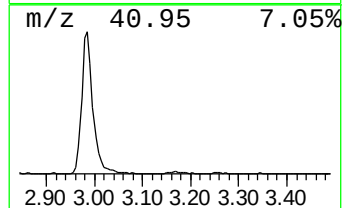
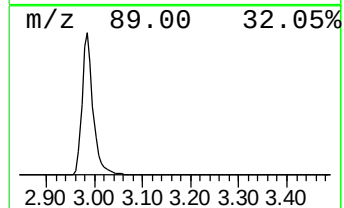
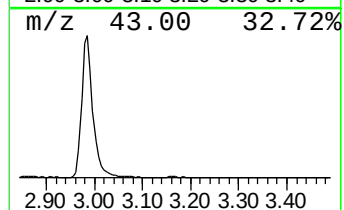
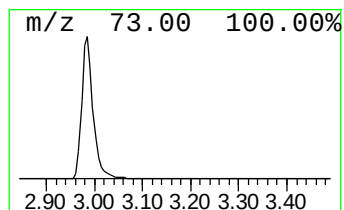
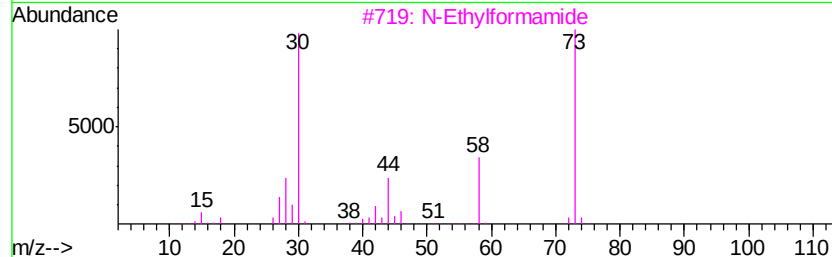
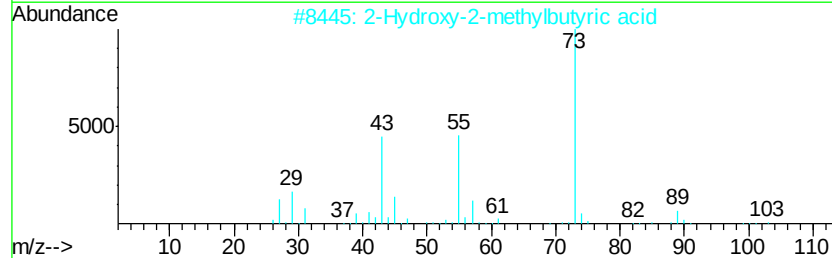
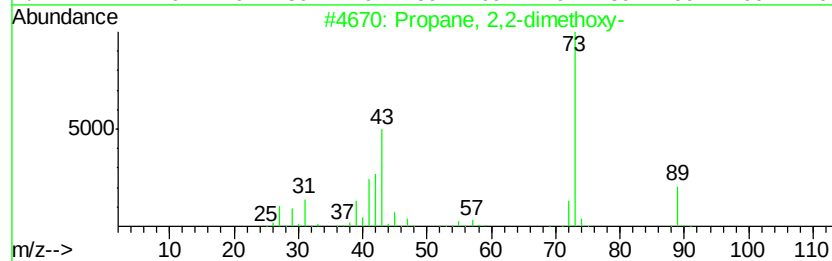
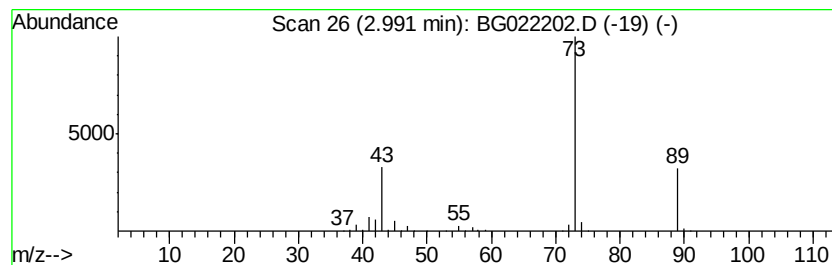
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 2.99 | 309.10 ng | 1870570 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propane, 2,2-dimethoxy-        | 104 | C5H12O2 | 000077-76-9 | 50   |
| 2    |    | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 9    |
| 3    |    | N-Ethylformamide               | 73  | C3H7NO  | 000627-45-2 | 7    |
| 4    |    | Methane, isothiocyanato-       | 73  | C2H3NS  | 000556-61-6 | 7    |
| 5    |    | 1,3,5-Trioxane                 | 90  | C3H6O3  | 000110-88-3 | 5    |



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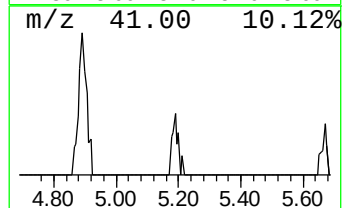
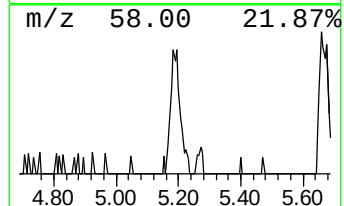
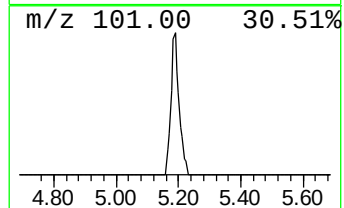
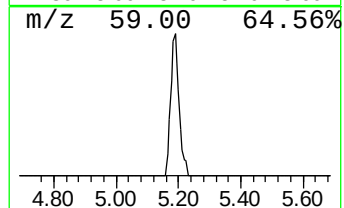
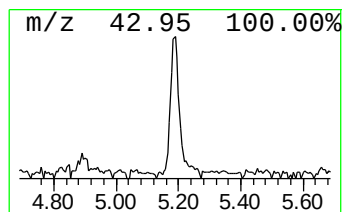
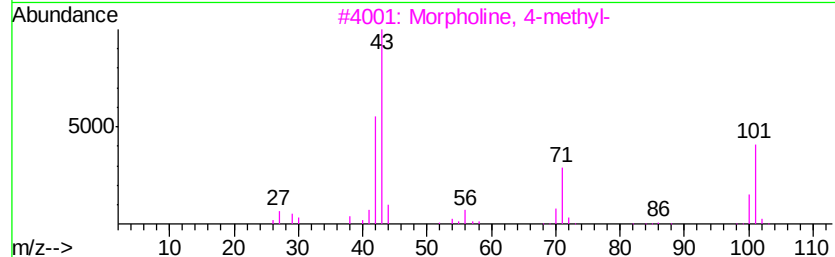
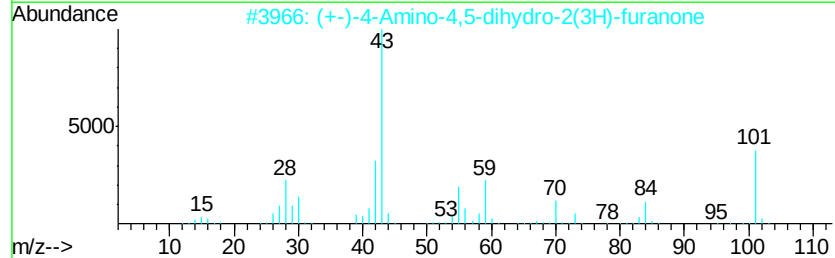
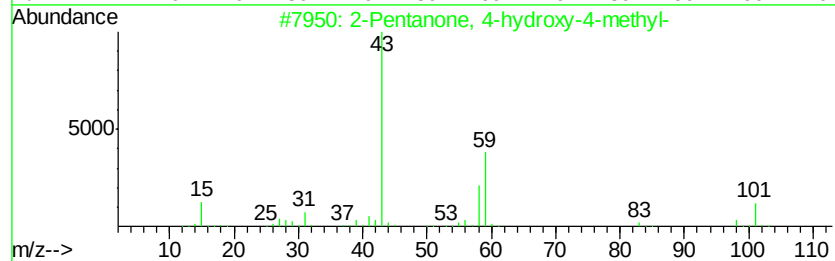
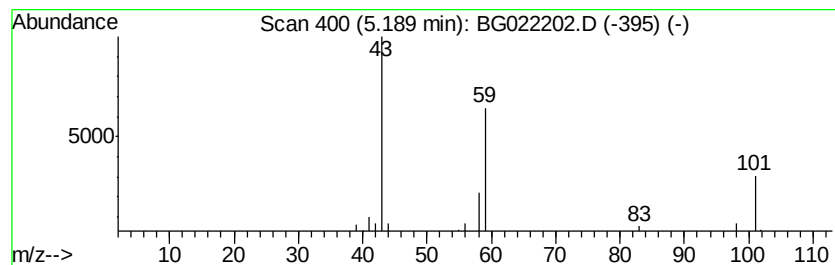
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown5.19 Concentration Rank 5

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.19 | 3.87 ng | 23439 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2 | 000123-42-2 | 40   |
| 2    |    | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 25   |
| 3    |    | Morpholine, 4-methyl-              | 101 | C5H11NO | 000109-02-4 | 17   |
| 4    |    | 5-Hexen-2-one                      | 98  | C6H10O  | 000109-49-9 | 9    |
| 5    |    | Propane, 1-ethoxy-2-methyl-        | 102 | C6H14O  | 000627-02-1 | 9    |



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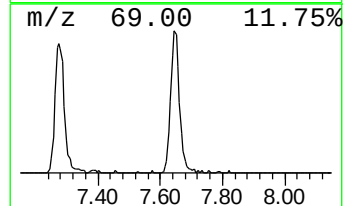
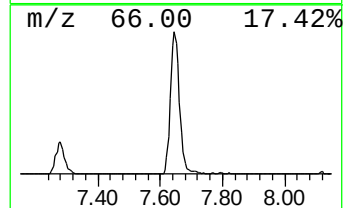
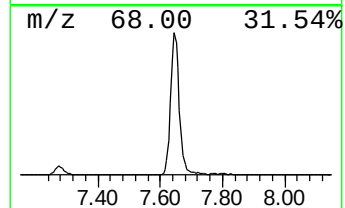
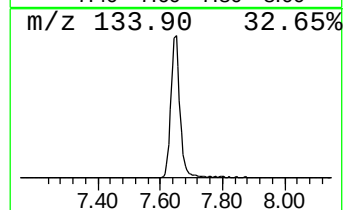
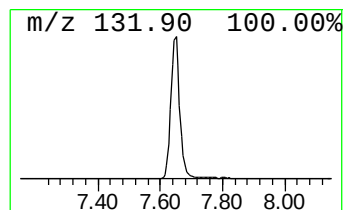
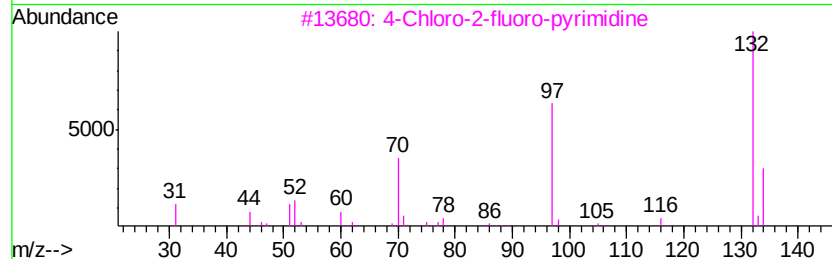
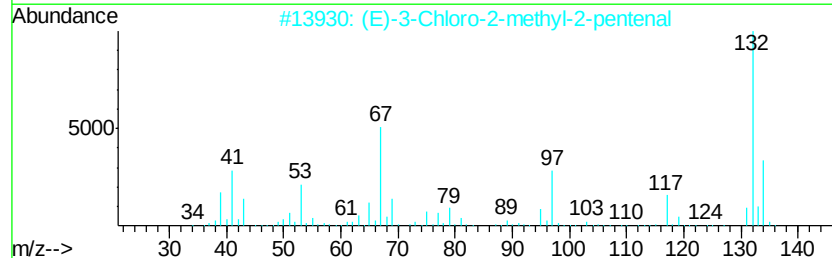
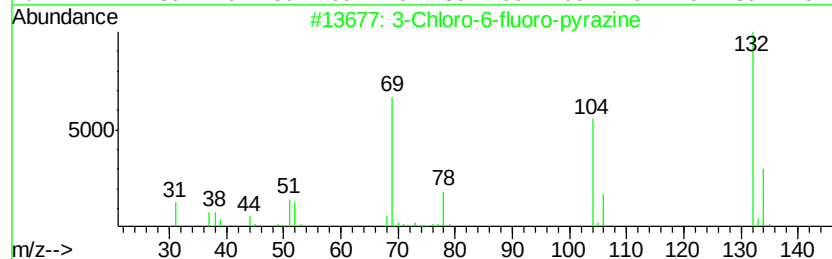
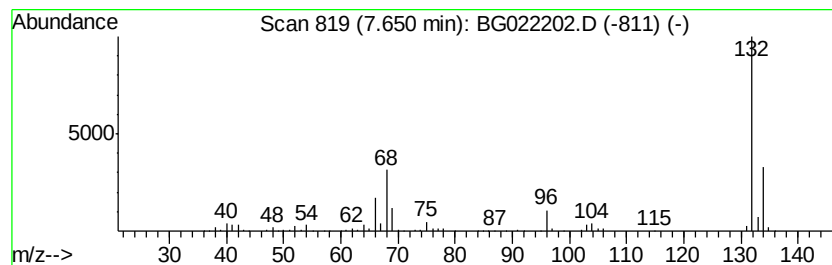
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.65 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.65 | 90.91 ng | 550173 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 33   |
| 3    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 4    |    | Xenon                            | 132 | Xe        | 007440-63-3  | 9    |
| 5    |    | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4    | 019485-35-9  | 9    |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

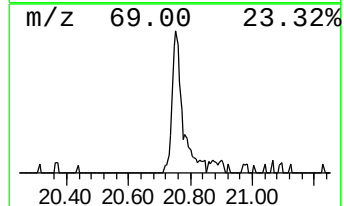
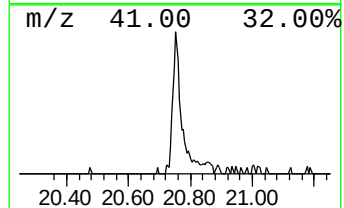
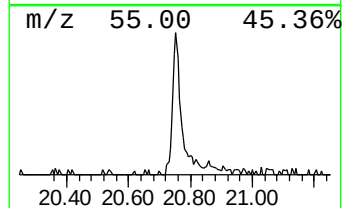
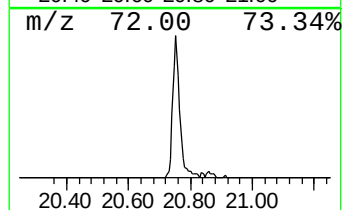
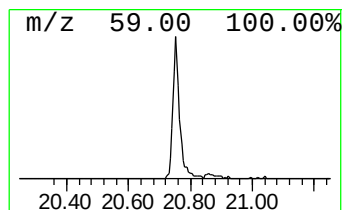
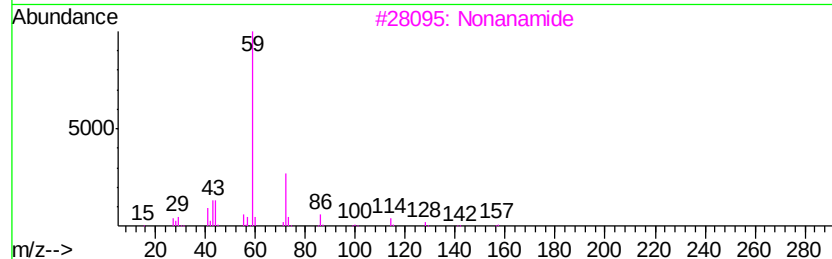
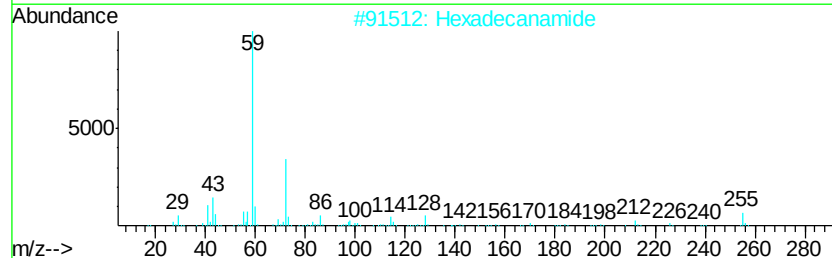
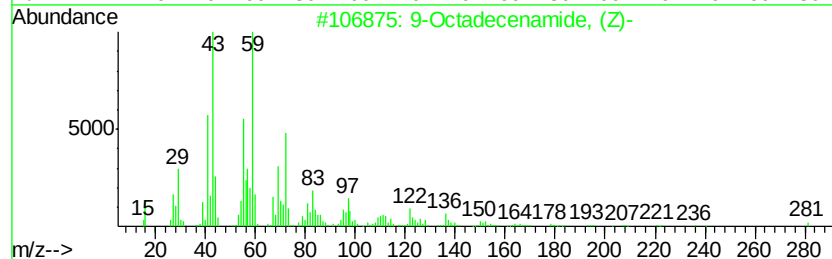
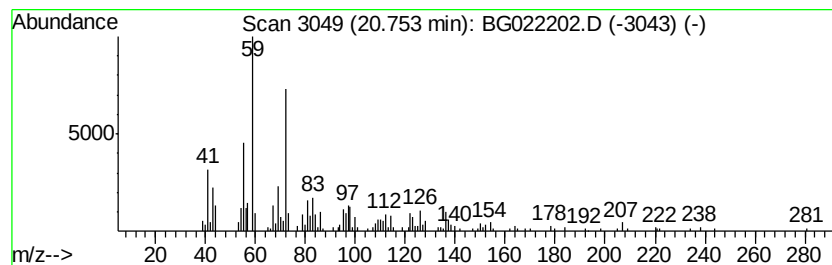
TIC Library : C:\DATABASE\NIST02.L  
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Peak Number 5 unknown20.75 Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 20.75 | 6.27 ng | 145522 | Chrysene-d12     | 21.76 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | 9-Octadecenamide, (Z)-           | 281 | C18H35NO | 000301-02-0 | 38   |
| 2    |    | Hexadecanamide                   | 255 | C16H33NO | 000629-54-9 | 35   |
| 3    |    | Nonanamide                       | 157 | C9H19NO  | 001120-07-6 | 35   |
| 4    |    | Dodecanamide                     | 199 | C12H25NO | 001120-16-7 | 35   |
| 5    |    | Octanal, 7-hydroxy-3,7-dimethyl- | 172 | C10H20O2 | 000107-75-5 | 35   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |        |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|--------|------|
|                      |       |         |       |          | #                       | RT    | Resp   | Conc |
| Propane, 2,2-dime... | 2.99  | 309.1   | ng    | 1870570  | 1                       | 8.11  | 121034 | 20.0 |
| unknown5.19          | 5.19  | 3.9     | ng    | 23439    | 1                       | 8.11  | 121034 | 20.0 |
| unknown7.65          | 7.65  | 90.9    | ng    | 550173   | 1                       | 8.11  | 121034 | 20.0 |
| unknown20.75         | 20.75 | 6.3     | ng    | 145522   | 5                       | 21.76 | 464116 | 20.0 |