

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061215\  
 Data File : BF079944.D  
 Acq On : 12 Jun 2015 19:36  
 Operator : TP/IZ  
 Sample : G2536-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P5-26(UNFILTERED)

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: 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      | 181923         | 161818        | 6.99%           | 1.160%        |
| 2         | 2.158       | 84            | 85          | 98           | rVB      | 60476          | 153987        | 6.65%           | 1.103%        |
| 3         | 2.330       | 98            | 100         | 107          | rVV      | 486714         | 970029        | 41.91%          | 6.951%        |
| 4         | 2.433       | 107           | 109         | 127          | rVB      | 77833          | 238585        | 10.31%          | 1.710%        |
| 5         | 2.661       | 127           | 129         | 133          | rVB      | 370645         | 567806        | 24.53%          | 4.069%        |
| 6         | 5.987       | 418           | 420         | 422          | rBV      | 606873         | 540680        | 23.36%          | 3.874%        |
| 7         | 6.970       | 504           | 506         | 508          | rBV      | 451453         | 350620        | 15.15%          | 2.512%        |
| 8         | 7.142       | 518           | 521         | 523          | rBV      | 1406686        | 1148020       | 49.60%          | 8.226%        |
| 9         | 7.382       | 539           | 542         | 544          | rBV      | 192986         | 244955        | 10.58%          | 1.755%        |
| 10        | 7.530       | 553           | 555         | 558          | rVB      | 815309         | 1067084       | 46.10%          | 7.646%        |
| 11        | 7.930       | 588           | 590         | 592          | rBV      | 1044488        | 816233        | 35.26%          | 5.849%        |
| 12        | 8.673       | 652           | 655         | 657          | rBV      | 245795         | 332975        | 14.38%          | 2.386%        |
| 13        | 9.748       | 746           | 749         | 751          | rBV      | 1679121        | 1864823       | 80.56%          | 13.363%       |
| 14        | 10.445      | 808           | 810         | 812          | rBV      | 393442         | 420442        | 18.16%          | 3.013%        |
| 15        | 11.234      | 877           | 879         | 881          | rBV      | 1331322        | 1143463       | 49.40%          | 8.194%        |
| 16        | 11.942      | 939           | 941         | 944          | rBV      | 498885         | 485660        | 20.98%          | 3.480%        |
| 17        | 13.611      | 1084          | 1087        | 1090         | rBV      | 2523881        | 2314762       | 100.00%         | 16.587%       |
| 18        | 14.857      | 1193          | 1196        | 1199         | rBV      | 541152         | 568091        | 24.54%          | 4.071%        |
| 19        | 16.720      | 1356          | 1359        | 1368         | rVB      | 372764         | 565587        | 24.43%          | 4.053%        |

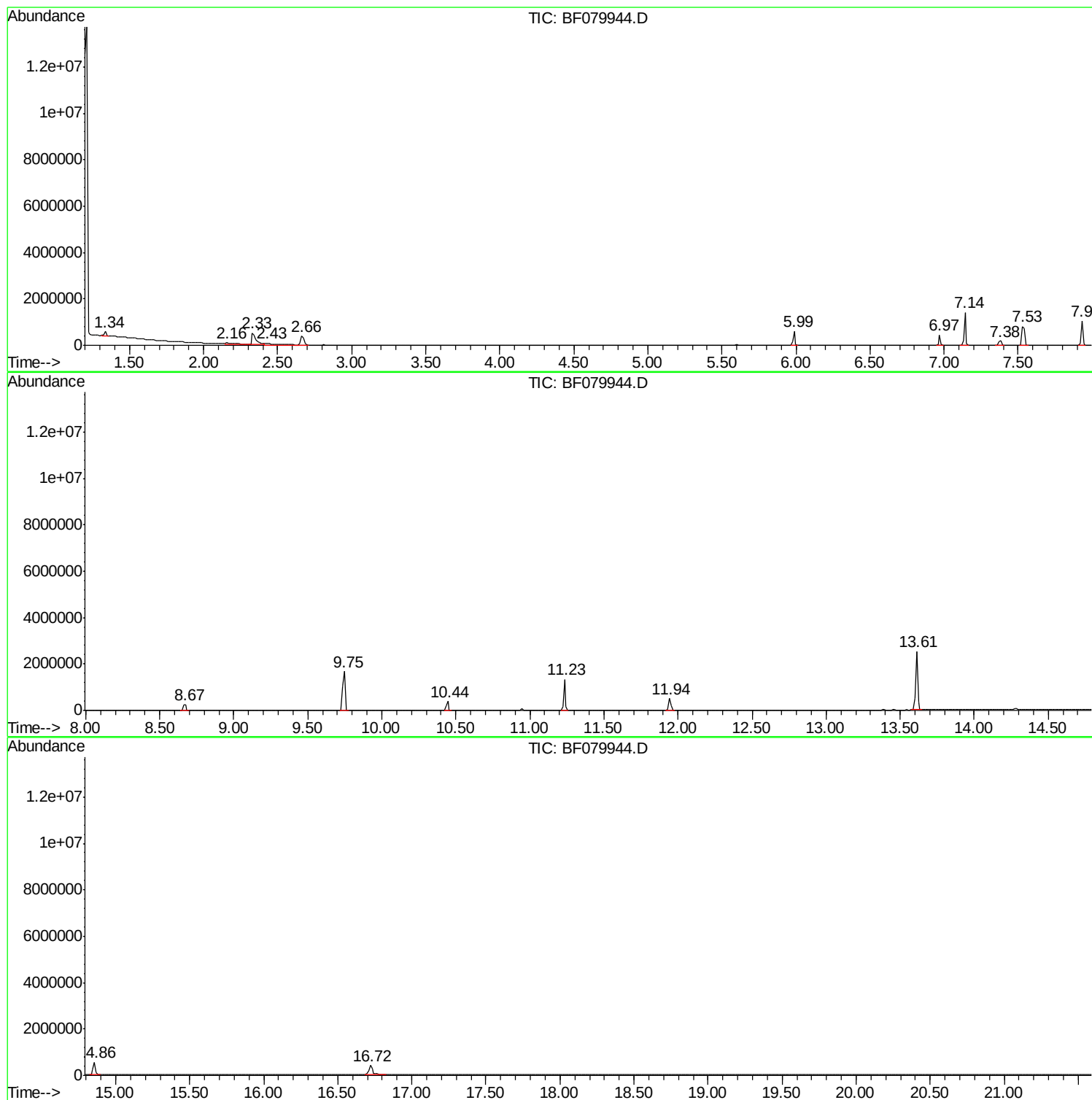
Sum of corrected areas: 13955620

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BNA\_F  
ClientSampleId :  
P5-26(UNFILTERED)

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 : G2536-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P5-26(UNFILTERED)

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

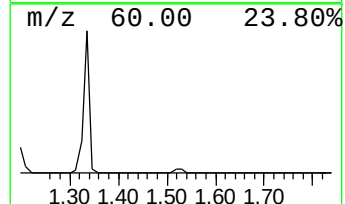
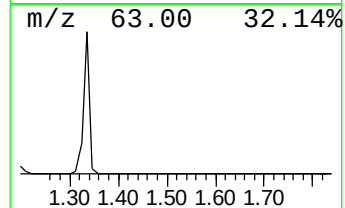
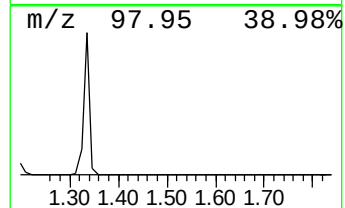
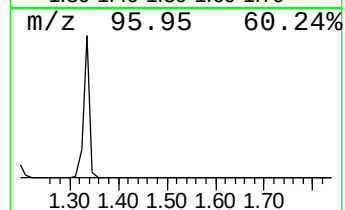
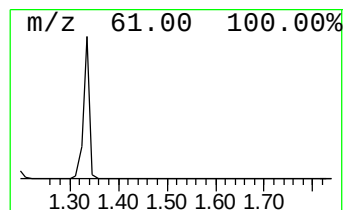
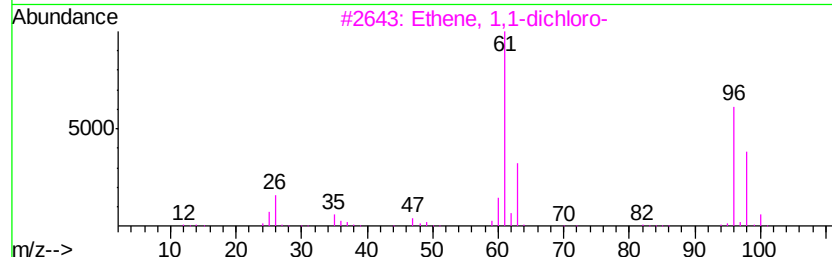
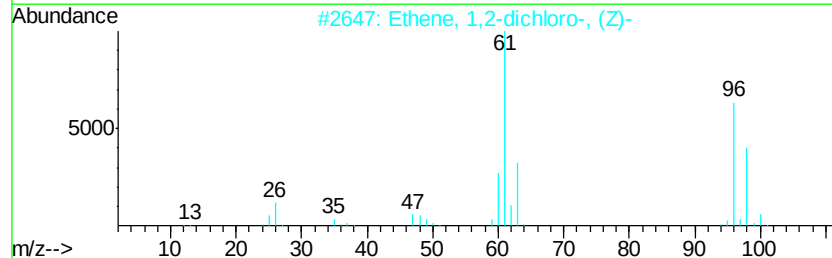
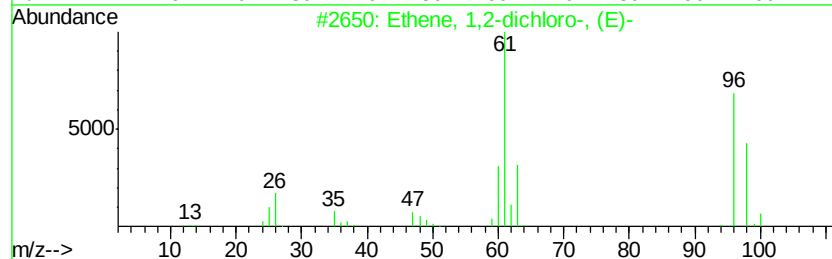
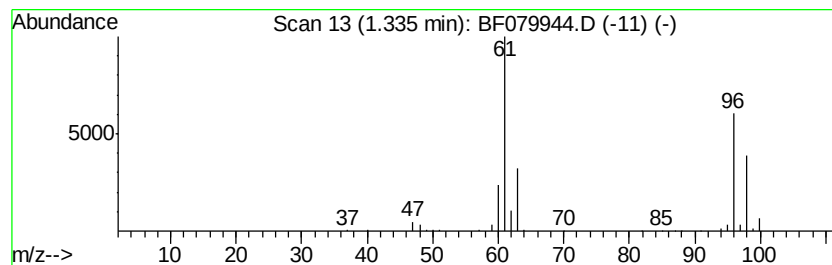
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethene, 1,2-dichloro-, (E)- Concentration Rank 6

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 1.34 | 13.21 ng | 161818 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of | Tentative ID                | MW | MolForm | CAS#        | Qual |
|------|----|-----------------------------|----|---------|-------------|------|
| 1    | 5  | Ethene, 1,2-dichloro-, (E)- | 96 | C2H2Cl2 | 000156-60-5 | 94   |
| 2    |    | Ethene, 1,2-dichloro-, (Z)- | 96 | C2H2Cl2 | 000156-59-2 | 94   |
| 3    |    | Ethene, 1,1-dichloro-       | 96 | C2H2Cl2 | 000075-35-4 | 91   |
| 4    |    | 1,2-Dichloroethylene        | 96 | C2H2Cl2 | 000540-59-0 | 91   |
| 5    |    | Chloromethylmethyl sulfide  | 96 | C2H5ClS | 002373-51-5 | 43   |



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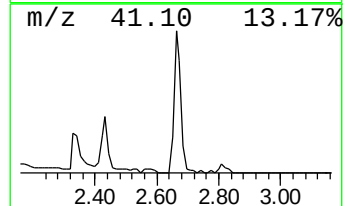
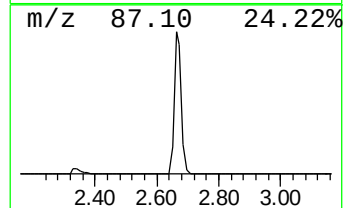
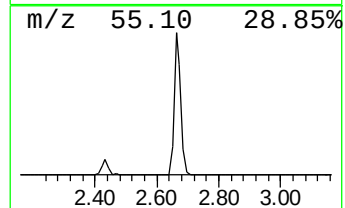
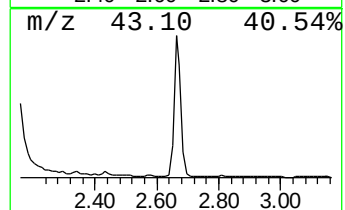
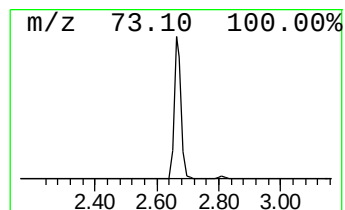
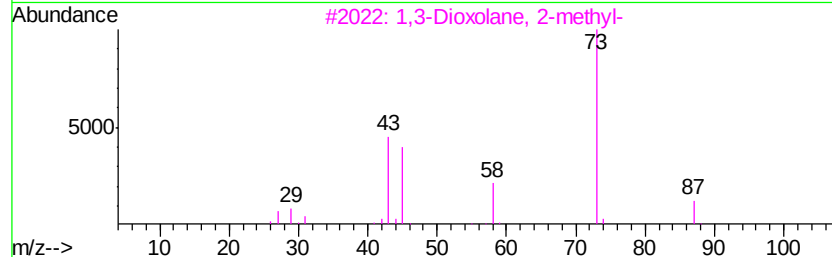
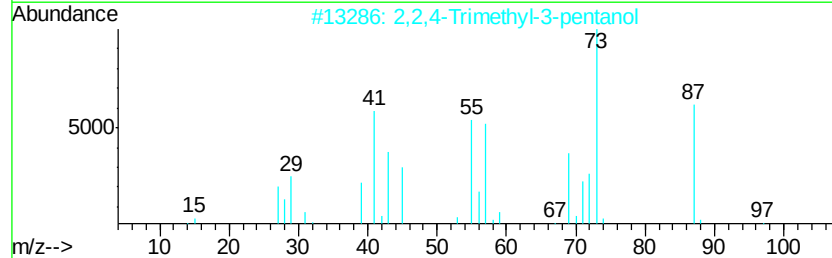
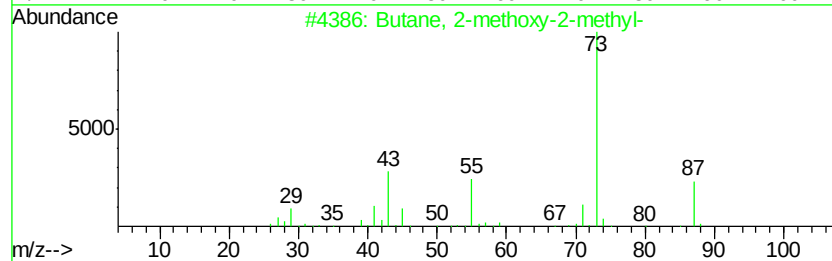
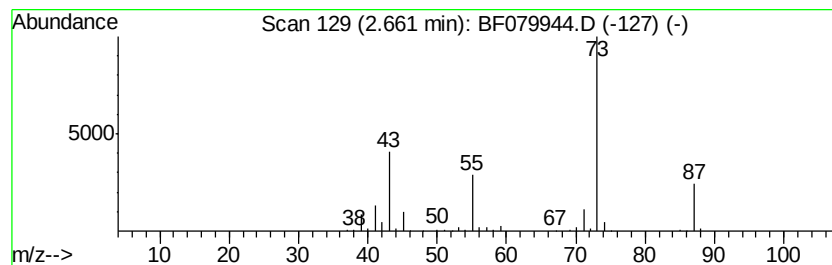
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.66 | 46.36 ng | 567806 | 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    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 10   |



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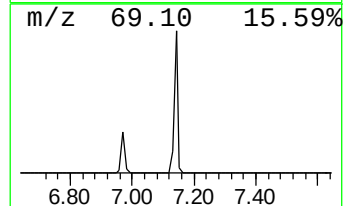
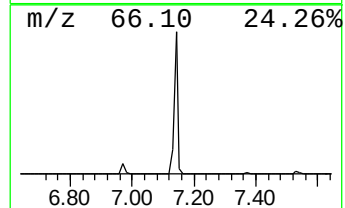
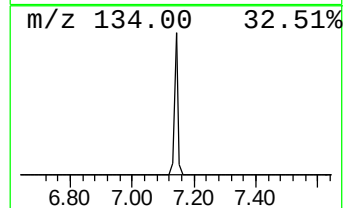
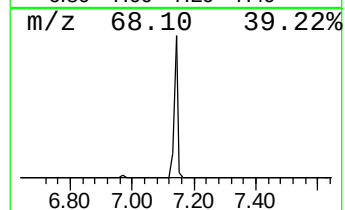
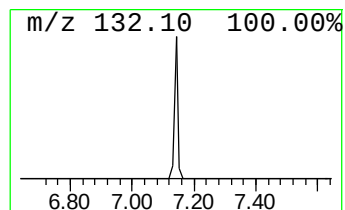
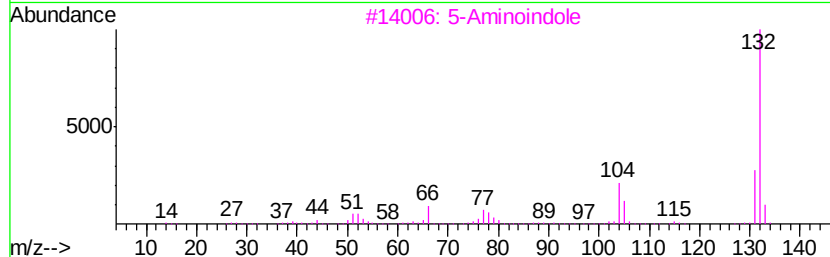
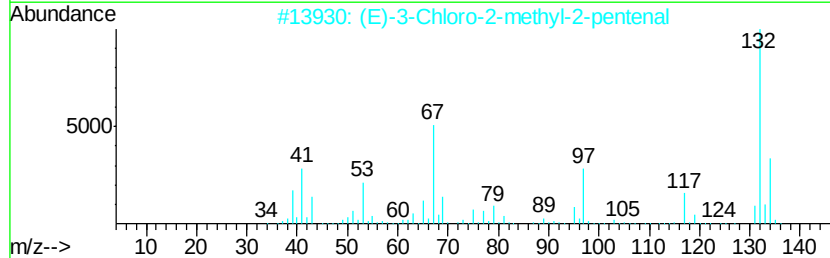
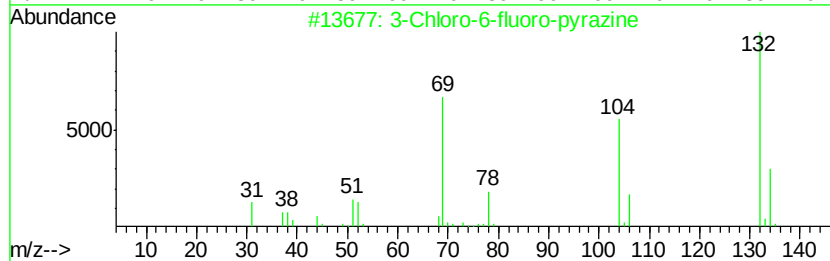
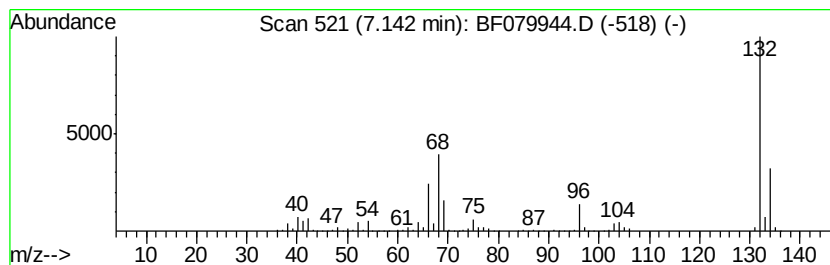
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown7.14 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.14 | 93.73 ng | 1148020 | 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  | 16   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 10   |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethene, 1,2-dichl... | 1.34 | 13.2    | ng    | 161818   | 1                     | 7.38 | 244955 | 20.0 |
| Butane, 2-methoxy... | 2.66 | 46.4    | ng    | 567806   | 1                     | 7.38 | 244955 | 20.0 |
| unknown7.14          | 7.14 | 93.7    | ng    | 1148020  | 1                     | 7.38 | 244955 | 20.0 |