

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\  
 Data File : BG033162.D  
 Acq On : 15 Mar 2018 2:37  
 Operator : SJ/JU  
 Sample : J1794-04  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BU-02-031318

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-BG022118.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         | 3.501       | 30            | 36          | 50           | rVV      | 100453         | 220831        | 5.80%           | 1.216%        |
| 2         | 3.618       | 51            | 56          | 66           | rVB      | 75047          | 140270        | 3.69%           | 0.772%        |
| 3         | 5.816       | 423           | 430         | 438          | rBV      | 84665          | 147590        | 3.88%           | 0.813%        |
| 4         | 6.327       | 510           | 517         | 542          | rBV      | 686421         | 1343955       | 35.32%          | 7.399%        |
| 5         | 8.013       | 796           | 804         | 827          | rBV      | 649153         | 1298216       | 34.12%          | 7.147%        |
| 6         | 8.418       | 864           | 873         | 898          | rBV      | 764878         | 1533833       | 40.31%          | 8.444%        |
| 7         | 8.905       | 948           | 956         | 971          | rVB      | 127187         | 247800        | 6.51%           | 1.364%        |
| 8         | 9.240       | 1004          | 1013        | 1028         | rBV      | 570552         | 1080231       | 28.39%          | 5.947%        |
| 9         | 10.104      | 1152          | 1160        | 1176         | rBV      | 503156         | 974678        | 25.61%          | 5.366%        |
| 10        | 10.991      | 1303          | 1311        | 1324         | rBV2     | 24551          | 70178         | 1.84%           | 0.386%        |
| 11        | 11.790      | 1438          | 1447        | 1453         | rBV      | 190125         | 366528        | 9.63%           | 2.018%        |
| 12        | 14.145      | 1841          | 1848        | 1861         | rVB      | 1317434        | 2148765       | 56.47%          | 11.829%       |
| 13        | 15.520      | 2075          | 2082        | 2089         | rBV2     | 300228         | 502039        | 13.19%          | 2.764%        |
| 14        | 16.989      | 2325          | 2332        | 2345         | rBV      | 1234025        | 2021427       | 53.12%          | 11.128%       |
| 15        | 18.246      | 2540          | 2546        | 2558         | rBV2     | 427377         | 688874        | 18.10%          | 3.792%        |
| 16        | 20.402      | 2908          | 2913        | 2921         | rVB      | 58911          | 96288         | 2.53%           | 0.530%        |
| 17        | 20.766      | 2968          | 2975        | 2981         | rBV      | 2735995        | 3805232       | 100.00%         | 20.949%       |
| 18        | 21.001      | 3011          | 3015        | 3020         | rBV      | 32584          | 45258         | 1.19%           | 0.249%        |
| 19        | 22.605      | 3281          | 3288        | 3296         | rVB      | 383070         | 712205        | 18.72%          | 3.921%        |
| 20        | 26.405      | 3923          | 3935        | 3950         | rVB2     | 213044         | 720347        | 18.93%          | 3.966%        |

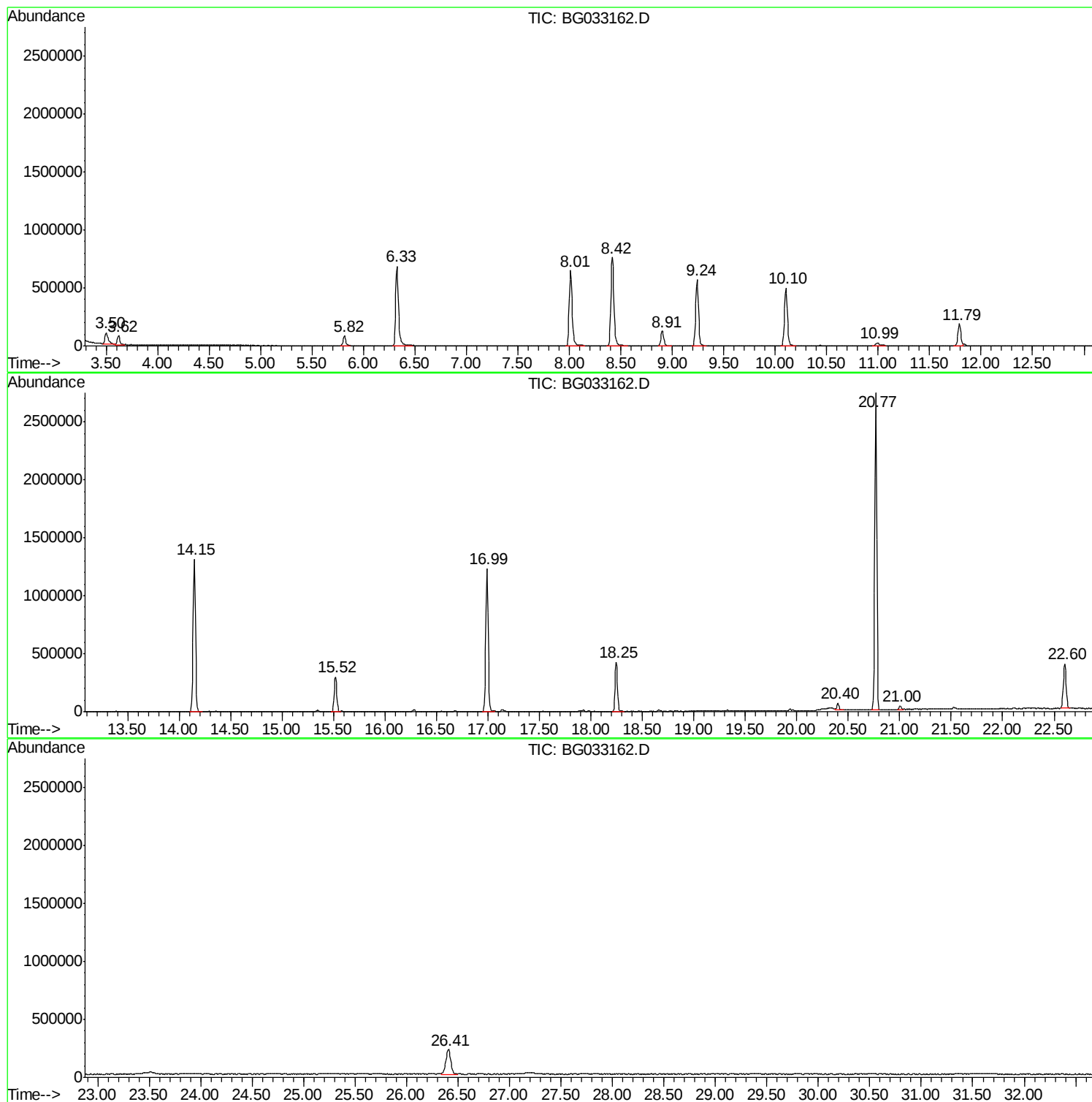
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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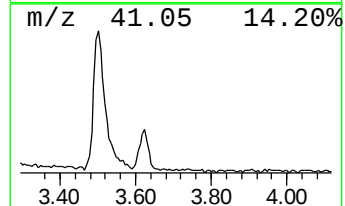
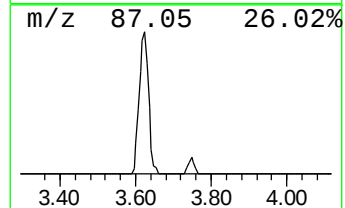
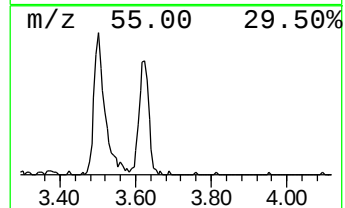
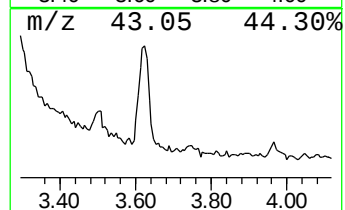
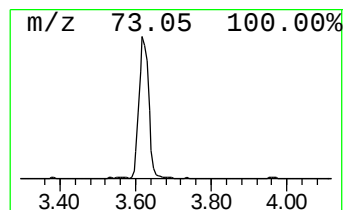
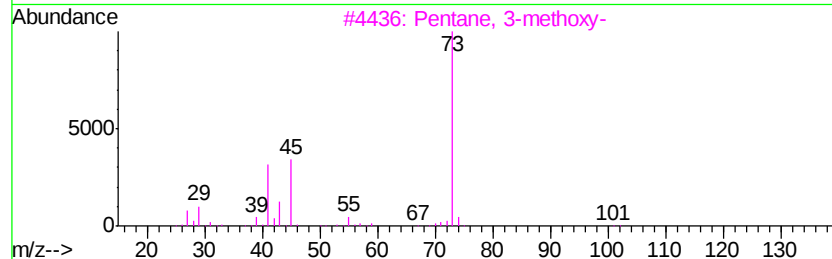
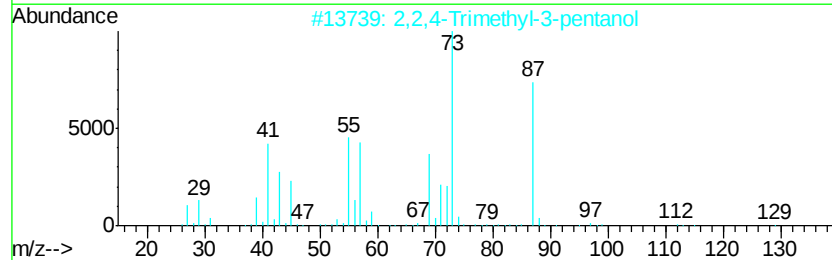
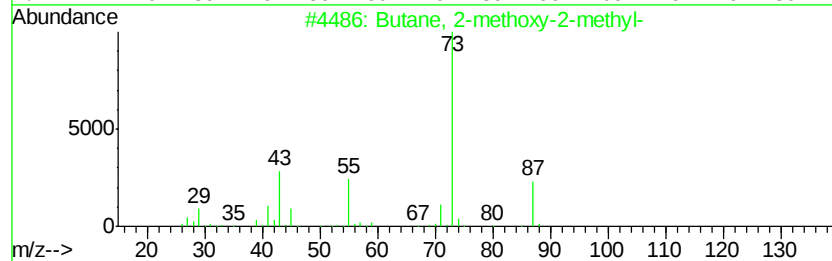
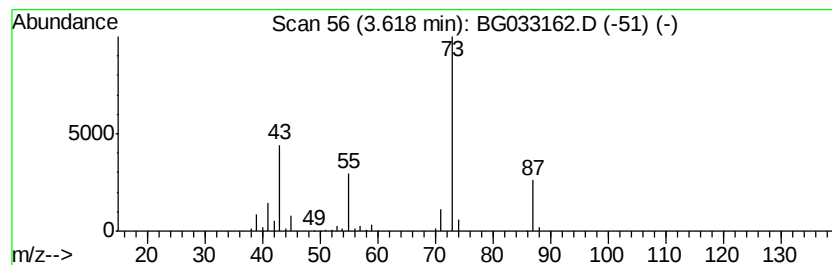
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.62 | 11.32 ng | 140270 | 1,4-Dichlorobenzene-d4 | 8.91 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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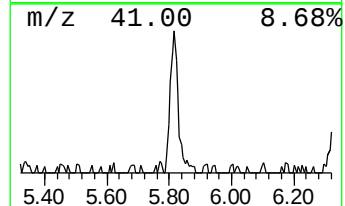
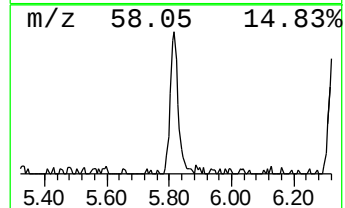
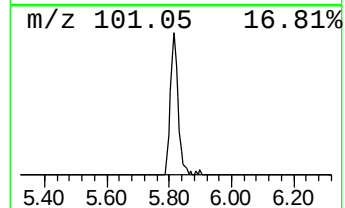
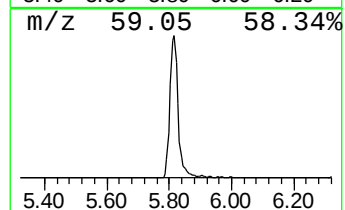
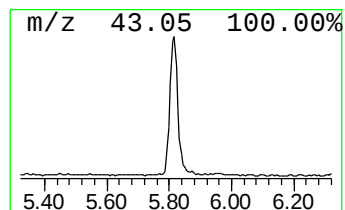
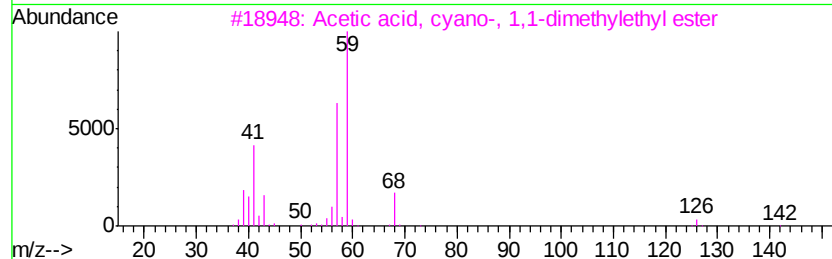
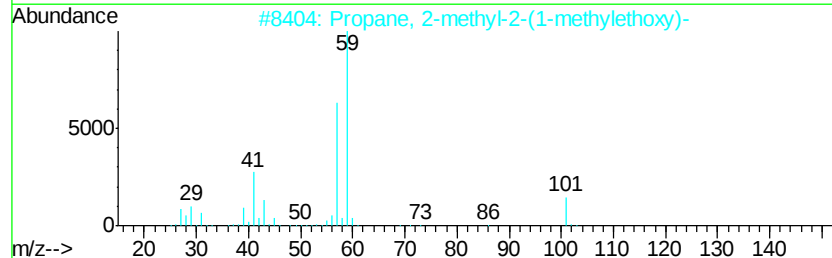
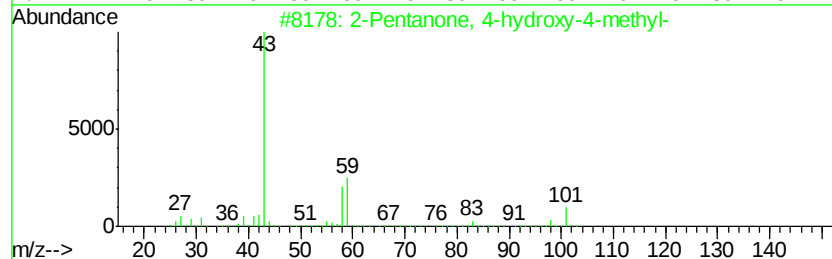
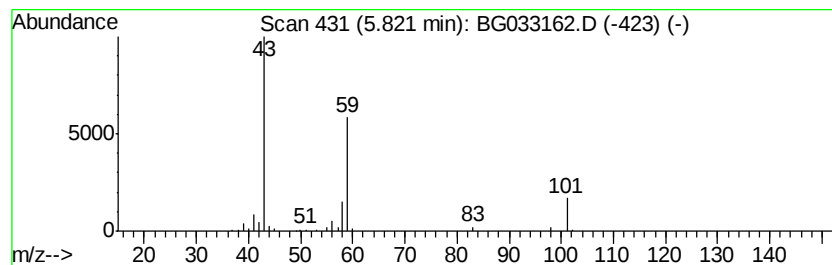
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.82 | 11.91 ng | 147590 | 1,4-Dichlorobenzene-d4 | 8.91 |

| Hit# | of | Tentative ID                          | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-      | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    | Propane, 2-methyl-2-(1-methylethoxy)- | 116 | C7H16O   | 017348-59-3 | 36   |
| 3    |    | Acetic acid, cyano-, 1,1-dimethyl-    | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 4    |    | 1-Propen-2-ol, acetate                | 100 | C5H8O2   | 000108-22-5 | 10   |
| 5    |    | 2,3-Butanedione, monooxime            | 101 | C4H7NO2  | 000057-71-6 | 9    |



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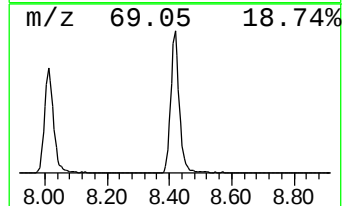
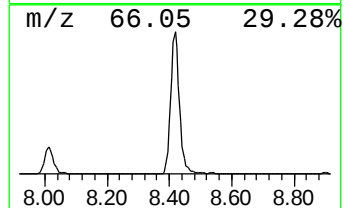
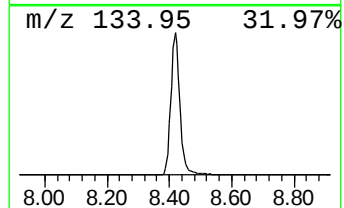
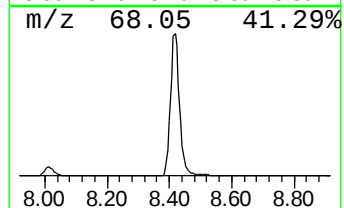
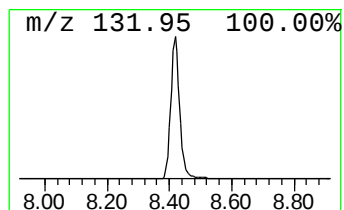
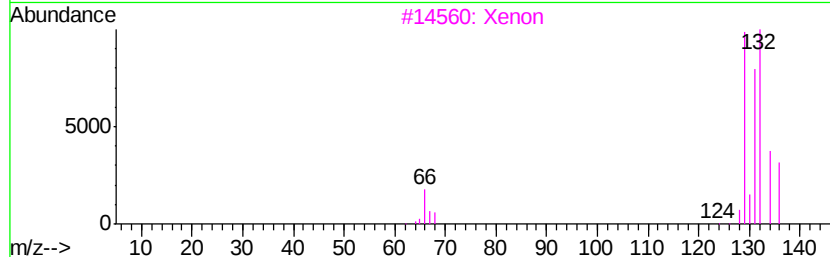
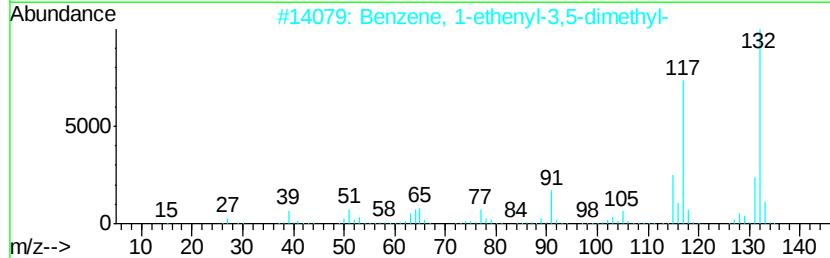
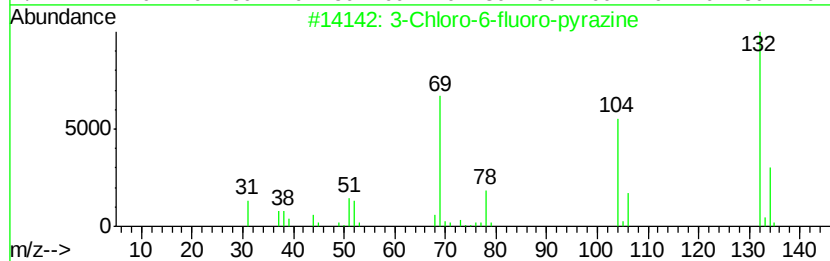
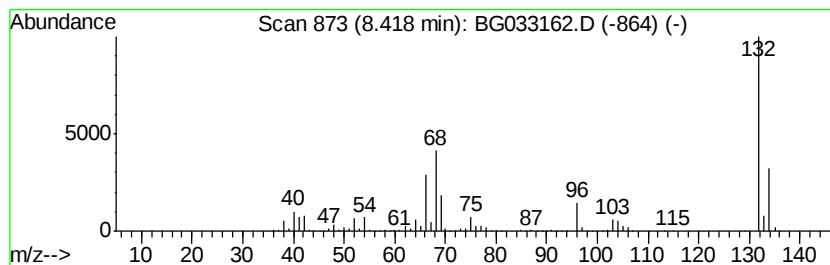
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Peak Number 4 unknown8.42 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 8.42 | 123.80 ng | 1533830 | 1,4-Dichlorobenzene-d4 | 8.91 |

| Hit# | of                                  | Tentative ID | MW        | MolForm      | CAS# | Qual |
|------|-------------------------------------|--------------|-----------|--------------|------|------|
| 1    | 3-Chloro-6-fluoro-pyrazine          | 132          | C4H2ClFN2 | 1000146-10-7 | 35   |      |
| 2    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132          | C10H12    | 005379-20-4  | 9    |      |
| 3    | Xenon                               | 132          | Xe        | 007440-63-3  | 9    |      |
| 4    | 4-Chloro-2-fluoro-pyrimidine        | 132          | C4H2ClFN2 | 051422-00-5  | 9    |      |
| 5    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132          | C3H4N2S2  | 029490-19-5  | 9    |      |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.62 | 11.3    | ng    | 140270   | 1                     | 8.91 | 247800 | 20.0 |
| 2-Pentanone, 4-hy... | 5.82 | 11.9    | ng    | 147590   | 1                     | 8.91 | 247800 | 20.0 |
| unknown8.42          | 8.42 | 123.8   | ng    | 1533830  | 1                     | 8.91 | 247800 | 20.0 |