

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG042619\  
 Data File : BG040631.D  
 Acq On : 26 Apr 2019 16:12  
 Operator : JU/SJ  
 Sample : K2535-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S37-ER-2019-1

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:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG042319.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         | 3.161       | 6             | 12          | 22           | rBV      | 366821         | 661794        | 12.64%          | 2.901%        |
| 2         | 3.237       | 22            | 25          | 34           | rVB      | 84961          | 120467        | 2.30%           | 0.528%        |
| 3         | 5.681       | 434           | 441         | 449          | rVB      | 449282         | 723986        | 13.82%          | 3.173%        |
| 4         | 7.285       | 707           | 714         | 726          | rBV      | 308317         | 528032        | 10.08%          | 2.314%        |
| 5         | 7.679       | 772           | 781         | 789          | rBV      | 887339         | 1505763       | 28.75%          | 6.600%        |
| 6         | 8.155       | 856           | 862         | 869          | rBV      | 212021         | 348605        | 6.66%           | 1.528%        |
| 7         | 8.478       | 910           | 917         | 927          | rBV      | 770333         | 1305058       | 24.92%          | 5.720%        |
| 8         | 9.336       | 1053          | 1063        | 1071         | rBV      | 746961         | 1335684       | 25.50%          | 5.854%        |
| 9         | 10.981      | 1336          | 1343        | 1351         | rVB      | 288272         | 504185        | 9.63%           | 2.210%        |
| 10        | 13.414      | 1746          | 1757        | 1764         | rBV      | 1905709        | 2976867       | 56.84%          | 13.048%       |
| 11        | 14.783      | 1984          | 1990        | 2001         | rBV2     | 470432         | 788262        | 15.05%          | 3.455%        |
| 12        | 16.269      | 2236          | 2243        | 2257         | rBV      | 1783138        | 2722598       | 51.99%          | 11.933%       |
| 13        | 17.532      | 2450          | 2458        | 2471         | rBV2     | 691189         | 1071173       | 20.45%          | 4.695%        |
| 14        | 17.973      | 2529          | 2533        | 2539         | rBV2     | 50878          | 71507         | 1.37%           | 0.313%        |
| 15        | 18.384      | 2598          | 2603        | 2610         | rBV2     | 55458          | 76197         | 1.45%           | 0.334%        |
| 16        | 20.129      | 2894          | 2900        | 2906         | rBV      | 4058018        | 5237145       | 100.00%         | 22.955%       |
| 17        | 21.428      | 3117          | 3121        | 3126         | rBV4     | 39508          | 62532         | 1.19%           | 0.274%        |
| 18        | 21.821      | 3181          | 3188        | 3198         | rVB2     | 687052         | 1181471       | 22.56%          | 5.178%        |
| 19        | 22.632      | 3320          | 3326        | 3330         | rBV5     | 30751          | 54168         | 1.03%           | 0.237%        |
| 20        | 23.355      | 3444          | 3449        | 3459         | rVB2     | 46787          | 90864         | 1.73%           | 0.398%        |
| 21        | 24.207      | 3588          | 3594        | 3601         | rBV4     | 48708          | 112871        | 2.16%           | 0.495%        |
| 22        | 25.206      | 3753          | 3764        | 3776         | rVB      | 419928         | 1229532       | 23.48%          | 5.389%        |
| 23        | 26.416      | 3965          | 3970        | 3981         | rVB5     | 36362          | 106265        | 2.03%           | 0.466%        |

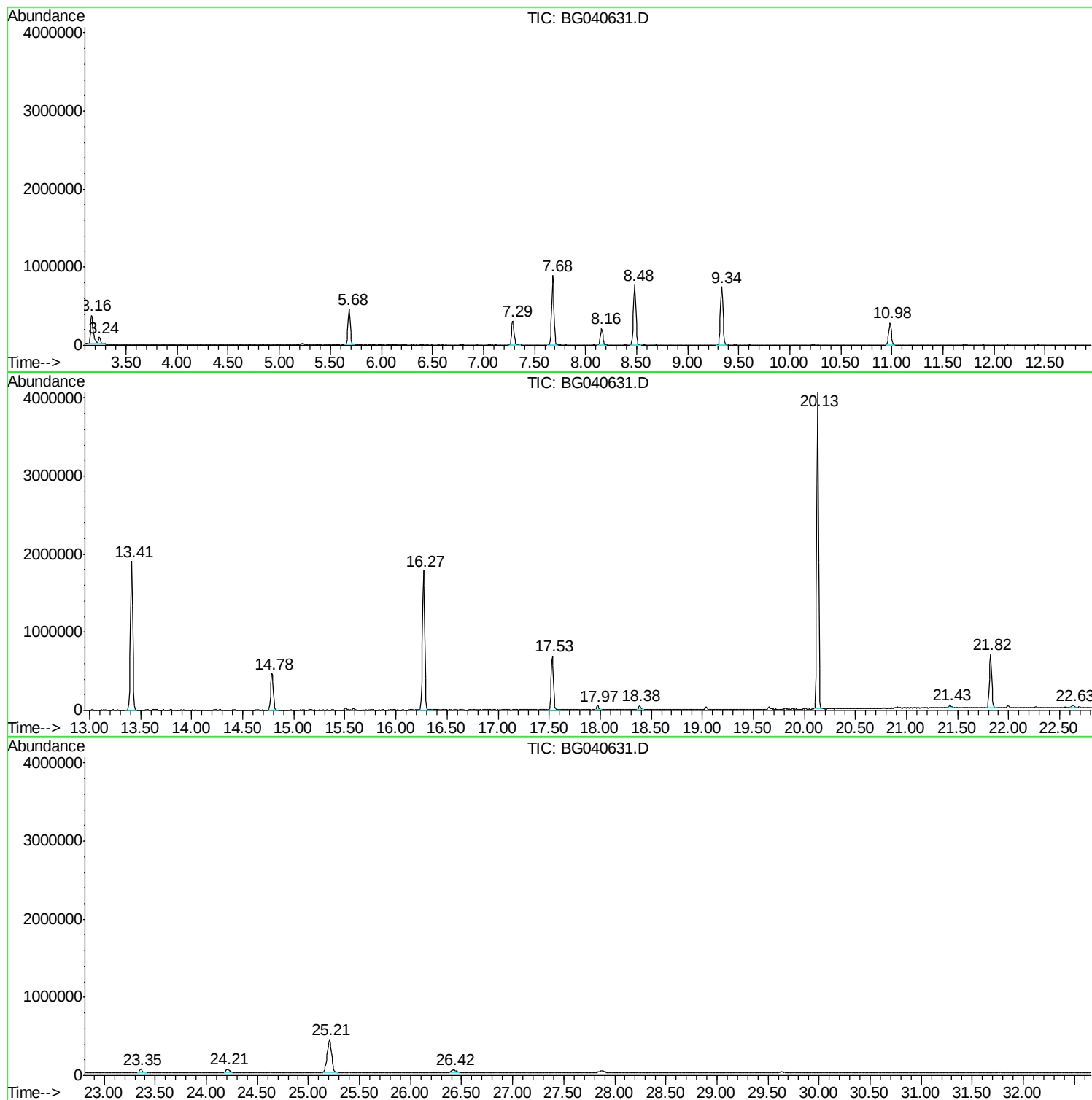
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG042319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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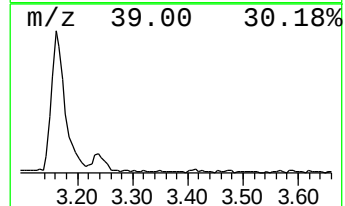
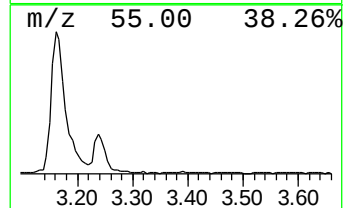
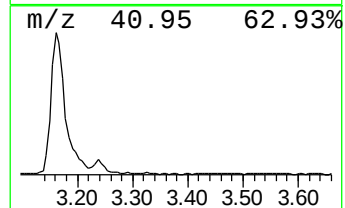
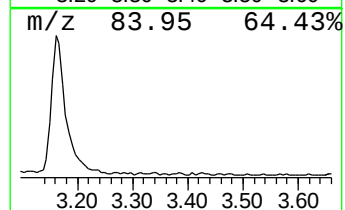
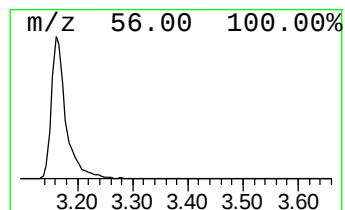
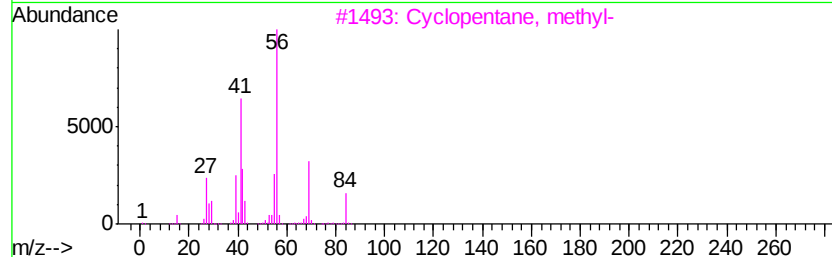
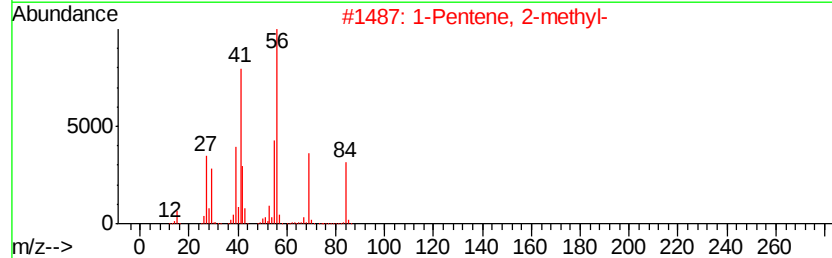
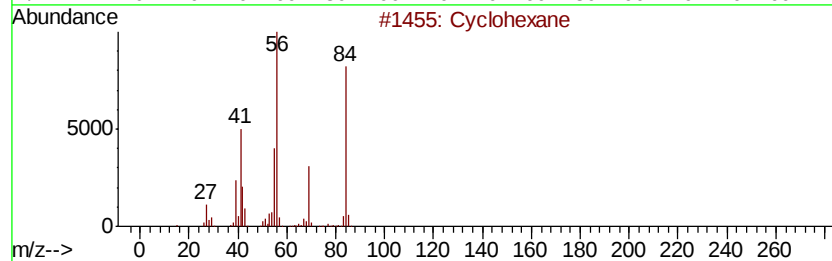
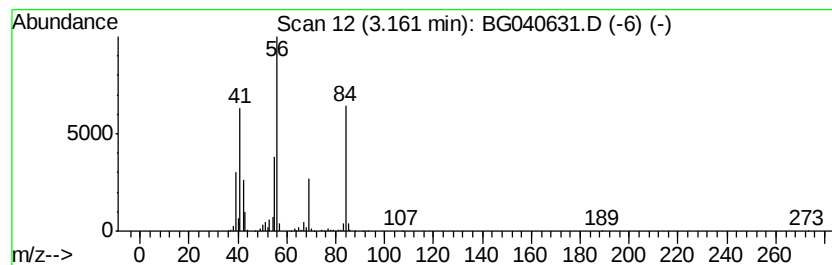
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG042319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.16 | 37.97 ng | 661794 | 1,4-Dichlorobenzene-d4 | 8.16 |

| Hit# | of | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|-----------------------|----|---------|-------------|------|
| 1    | 5  | Cyclohexane           | 84 | C6H12   | 000110-82-7 | 94   |
| 2    |    | 1-Pentene, 2-methyl-  | 84 | C6H12   | 000763-29-1 | 78   |
| 3    |    | Cyclopentane, methyl- | 84 | C6H12   | 000096-37-7 | 53   |
| 4    |    | 1-Hexene              | 84 | C6H12   | 000592-41-6 | 53   |
| 5    |    | Pyridine-D5-          | 84 | C5D5N   | 007291-22-7 | 50   |



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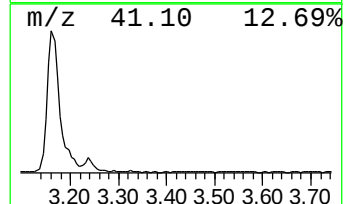
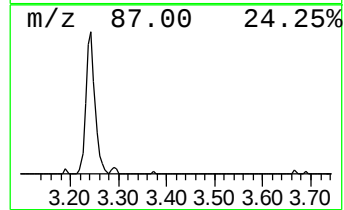
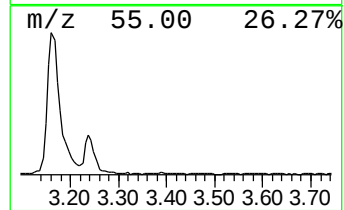
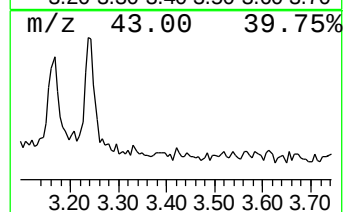
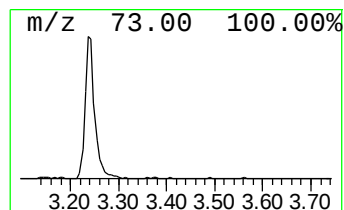
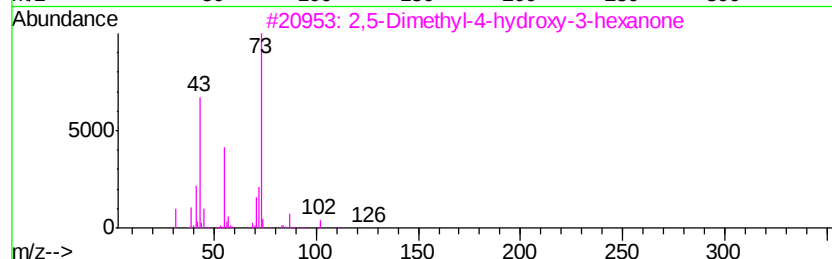
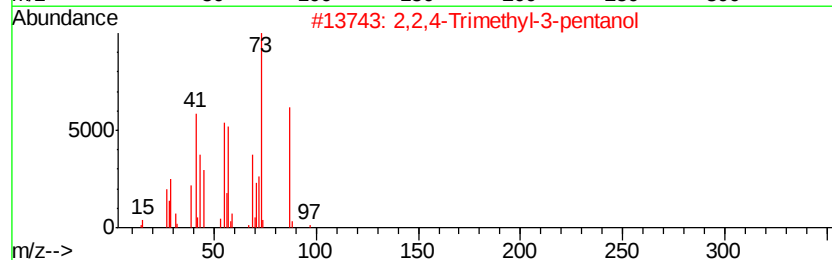
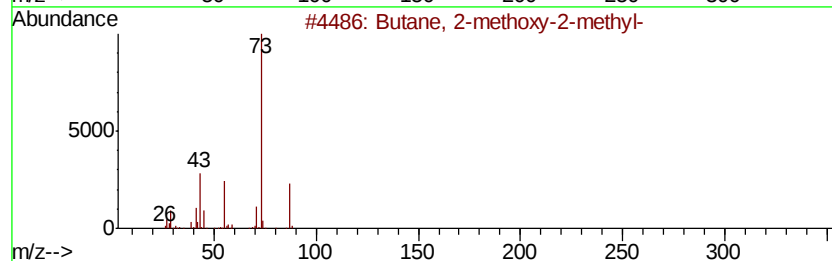
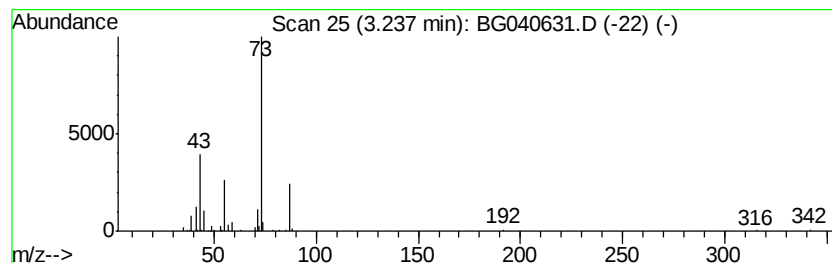
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 3.24 | 6.91 ng | 120467 | 1,4-Dichlorobenzene-d4 | 8.16 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-       | 102 | C6H14O  | 000994-05-8 | 64   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol        | 130 | C8H18O  | 005162-48-1 | 50   |
| 3    |    |   | 2,5-Dimethyl-4-hydroxy-3-hexanone | 144 | C8H16O2 | 000815-77-0 | 32   |
| 4    |    |   | 3-Pentanol, 2,3-dimethyl-         | 116 | C7H16O  | 000595-41-5 | 9    |
| 5    |    |   | Myo-Inositol, 2-C-methyl-         | 194 | C7H14O6 | 000472-96-8 | 9    |



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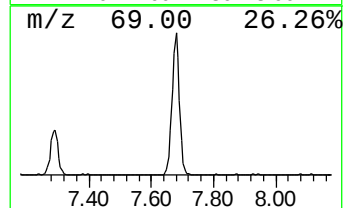
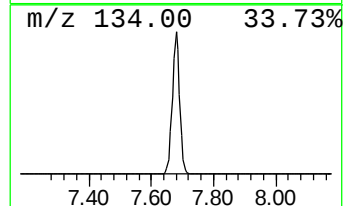
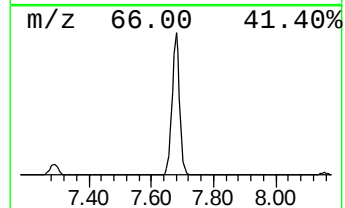
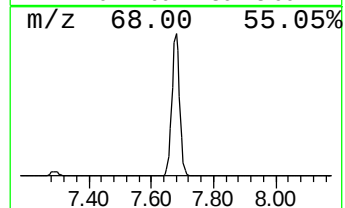
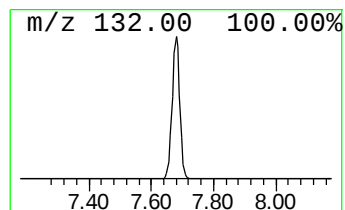
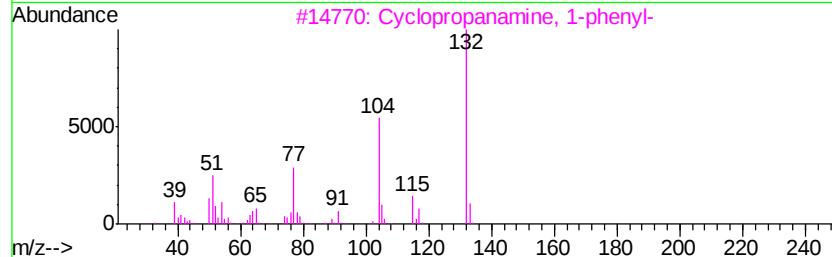
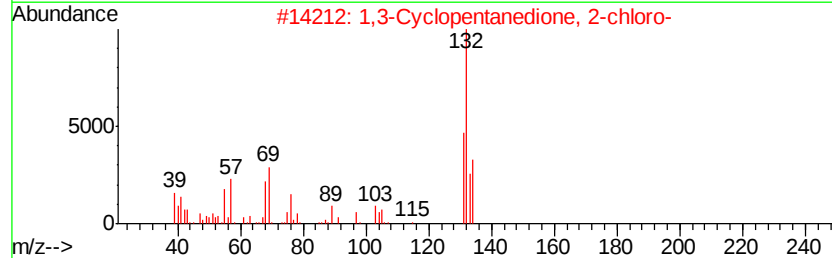
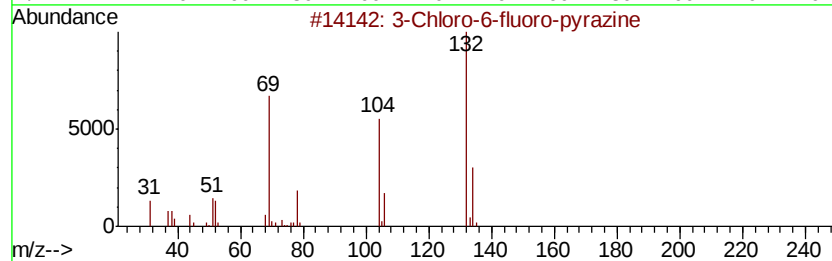
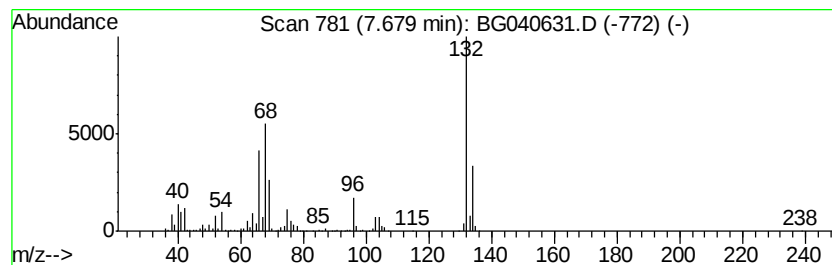
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Peak Number 3 unknown7.68 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.68 | 86.39 ng | 1505760 | 1,4-Dichlorobenzene-d4 | 8.16 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 14   |
| 2    |    | 1,3-Cyclopentanedione, 2-chloro-    | 132 | C5H5ClO2  | 014203-19-1  | 10   |
| 3    |    | Cyclopropanamine, 1-phenyl-         | 133 | C9H11N    | 1000351-26-2 | 10   |
| 4    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 10   |
| 5    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 1-Pentene, 2-methyl- | 3.16 | 38.0    | ng    | 661794   | 1                     | 8.16 | 348605 | 20.0 |
| Butane, 2-methoxy... | 3.24 | 6.9     | ng    | 120467   | 1                     | 8.16 | 348605 | 20.0 |
| unknown7.68          | 7.68 | 86.4    | ng    | 1505760  | 1                     | 8.16 | 348605 | 20.0 |