

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040915\  
 Data File : BF078365.D  
 Acq On : 9 Apr 2015 18:23  
 Operator : TP/IZ  
 Sample : G1783-10  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB

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-BF040115.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         | 1.173       | 21            | 25          | 28           | rVB      | 253537         | 408064        | 24.50%          | 3.749%        |
| 2         | 1.310       | 35            | 37          | 40           | rBV      | 300434         | 350691        | 21.05%          | 3.222%        |
| 3         | 1.630       | 63            | 65          | 77           | rVB      | 76189          | 157581        | 9.46%           | 1.448%        |
| 4         | 4.567       | 320           | 322         | 329          | rBV      | 36722          | 49758         | 2.99%           | 0.457%        |
| 5         | 5.150       | 370           | 373         | 384          | rVB      | 388644         | 498121        | 29.90%          | 4.576%        |
| 6         | 6.476       | 487           | 489         | 497          | rBV      | 307729         | 323908        | 19.44%          | 2.976%        |
| 7         | 6.602       | 497           | 500         | 502          | rBV      | 665059         | 916333        | 55.01%          | 8.418%        |
| 8         | 6.887       | 523           | 525         | 527          | rBV      | 234057         | 272350        | 16.35%          | 2.502%        |
| 9         | 7.070       | 539           | 541         | 543          | rBV      | 935262         | 891932        | 53.54%          | 8.194%        |
| 10        | 7.585       | 584           | 586         | 588          | rBV      | 753289         | 668636        | 40.14%          | 6.143%        |
| 11        | 8.465       | 660           | 663         | 665          | rBV      | 375524         | 392740        | 23.58%          | 3.608%        |
| 12        | 9.813       | 778           | 781         | 783          | rBV      | 1491972        | 1463646       | 87.86%          | 13.446%       |
| 13        | 10.625      | 849           | 852         | 854          | rBV      | 456474         | 468305        | 28.11%          | 4.302%        |
| 14        | 11.597      | 935           | 937         | 940          | rBV      | 853564         | 824068        | 49.47%          | 7.571%        |
| 15        | 12.442      | 1009          | 1011        | 1014         | rBV      | 380758         | 485971        | 29.17%          | 4.465%        |
| 16        | 14.443      | 1183          | 1186        | 1189         | rBV      | 1602708        | 1665824       | 100.00%         | 15.304%       |
| 17        | 15.734      | 1296          | 1299        | 1301         | rBV      | 448419         | 535418        | 32.14%          | 4.919%        |
| 18        | 17.551      | 1454          | 1458        | 1461         | rBV      | 328330         | 511881        | 30.73%          | 4.703%        |

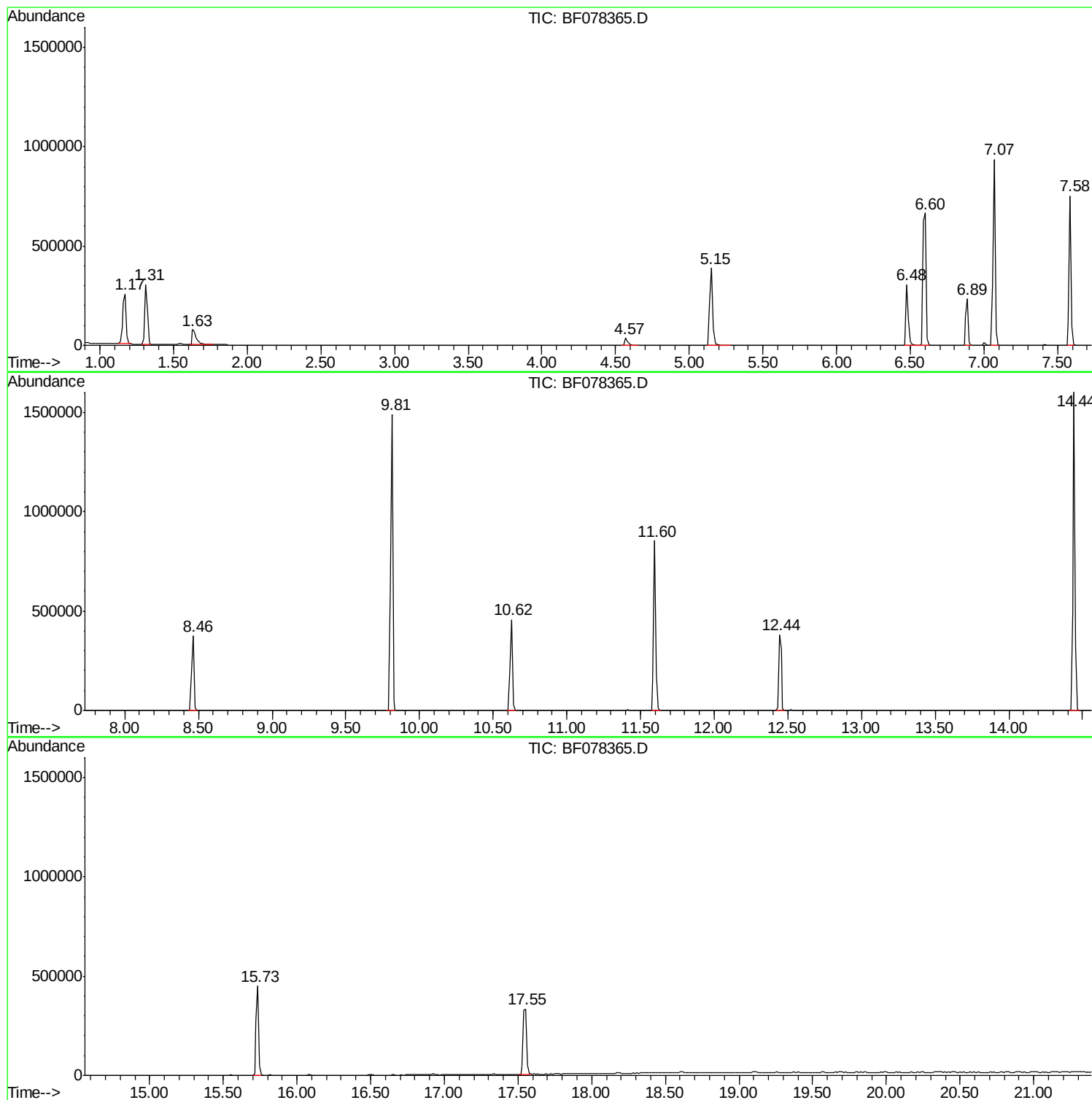
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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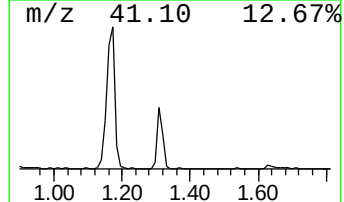
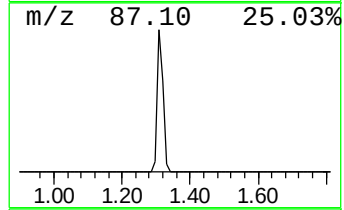
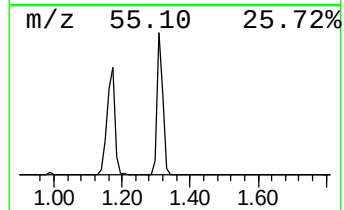
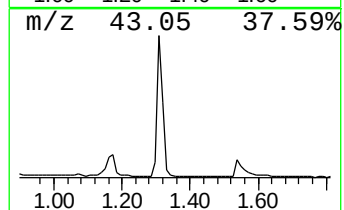
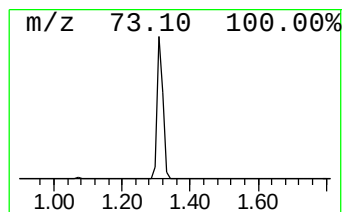
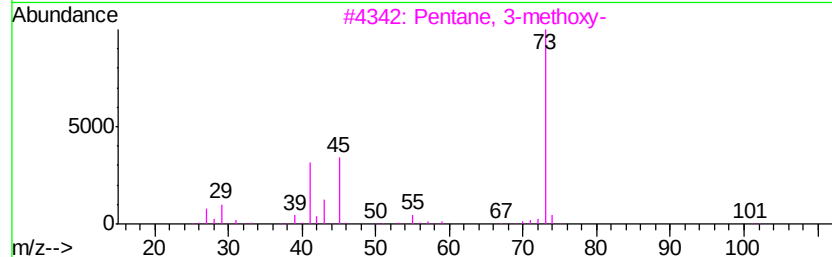
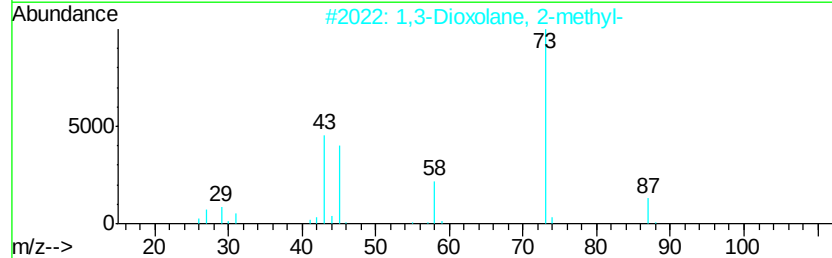
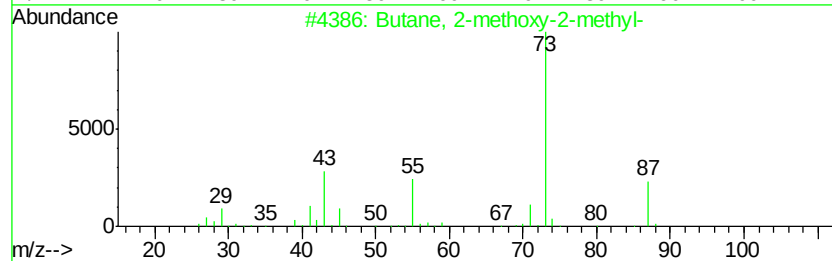
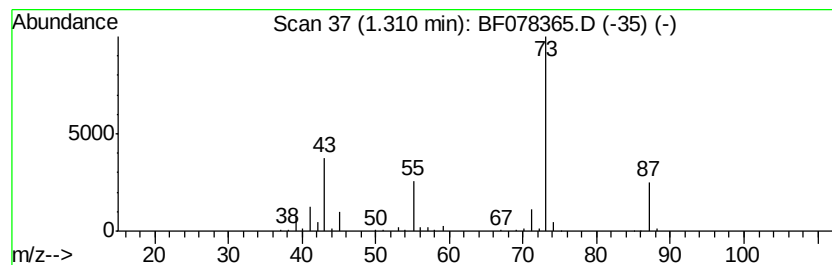
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 1.31 | 25.75 ng | 350691 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 10   |



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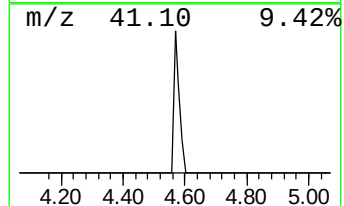
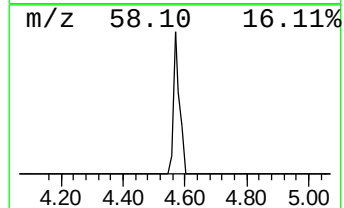
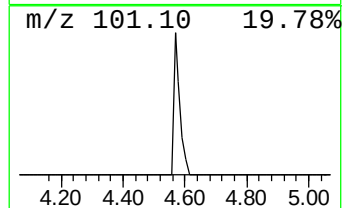
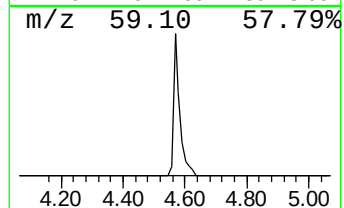
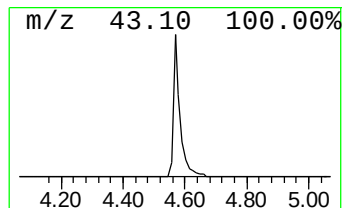
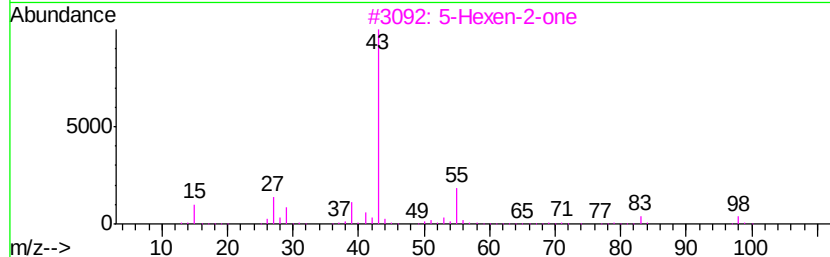
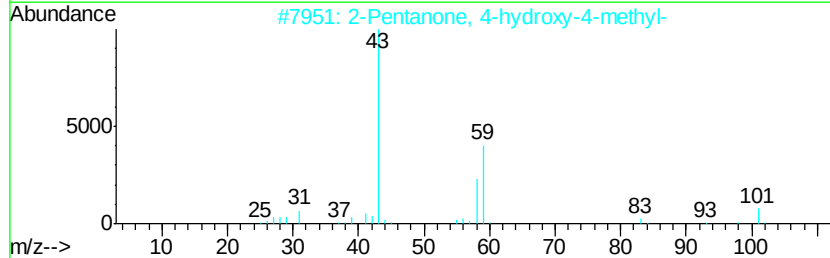
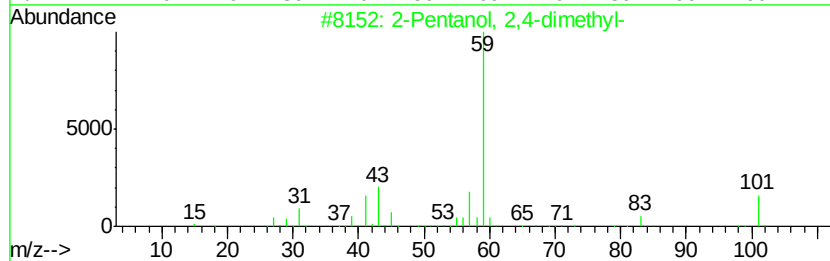
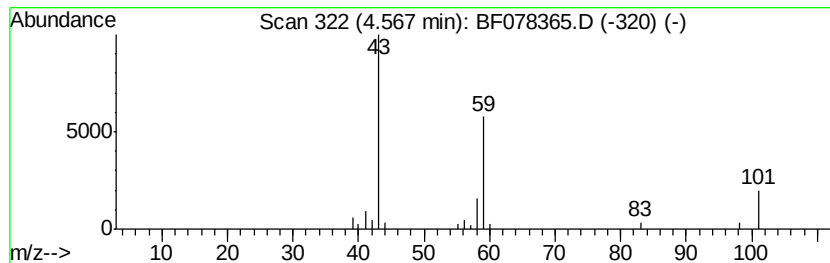
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Peak Number 4 unknown4.57 Concentration Rank 6

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.57 | 3.65 ng | 49758 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanol, 2,4-dimethyl-        | 116 | C7H16O  | 000625-06-9 | 42   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 42   |
| 3    |    |   | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9 | 9    |
| 4    |    |   | 1-Propen-2-ol, acetate           | 100 | C5H8O2  | 000108-22-5 | 9    |
| 5    |    |   | 3-Hexanol                        | 102 | C6H14O  | 000623-37-0 | 9    |



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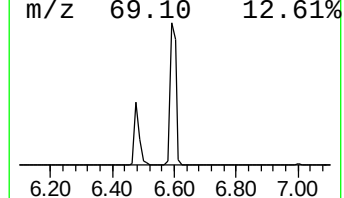
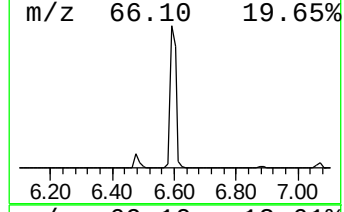
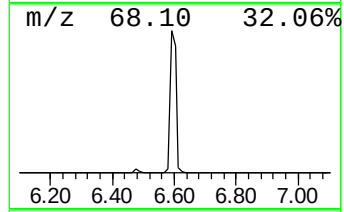
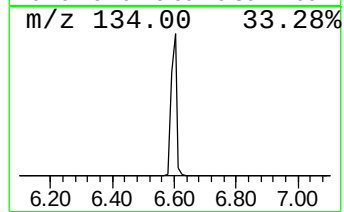
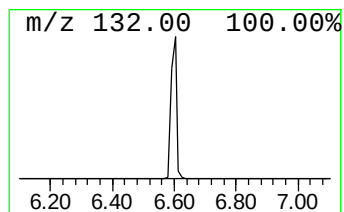
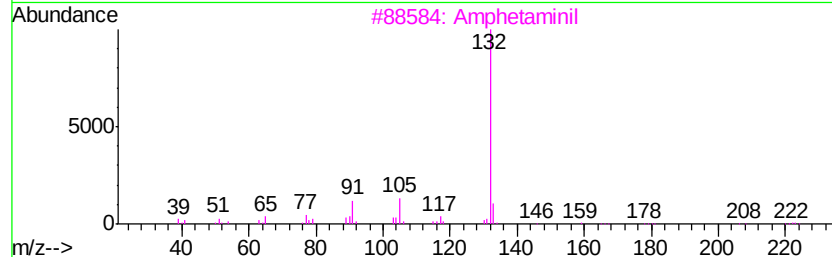
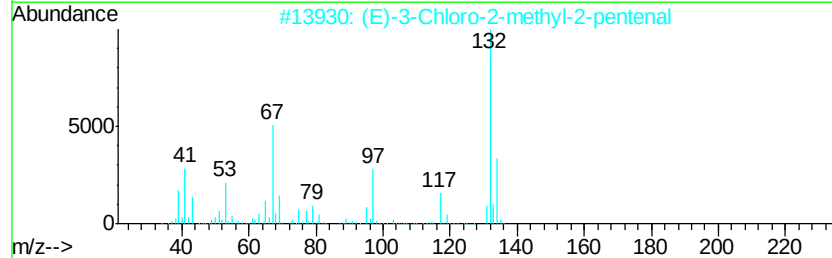
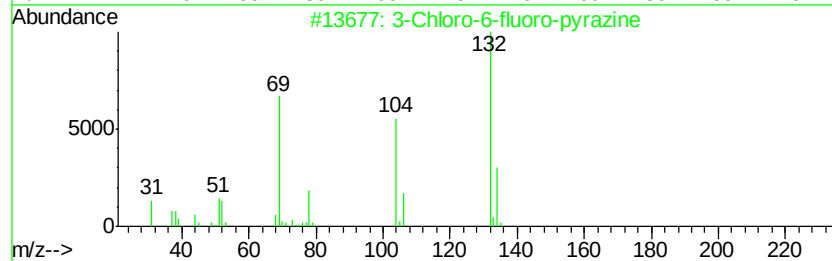
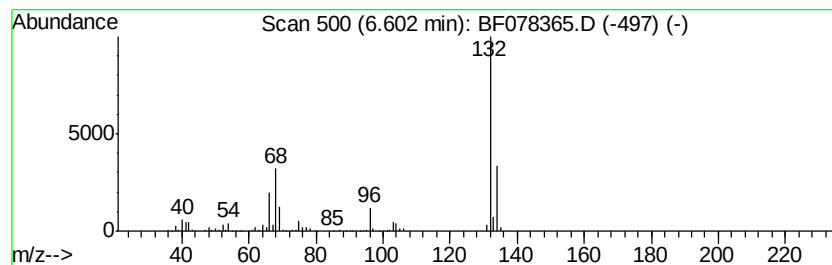
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown6.60 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.60 | 67.29 ng | 916333 | 1,4-Dichlorobenzene-d4 | 6.89 |

| 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  | 17   |
| 3    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 5    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 1.31 | 25.8    | ng    | 350691   | 1                     | 6.89 | 272350 | 20.0 |
| unknown4.57          | 4.57 | 3.6     | ng    | 49758    | 1                     | 6.89 | 272350 | 20.0 |
| unknown6.60          | 6.60 | 67.3    | ng    | 916333   | 1                     | 6.89 | 272350 | 20.0 |