

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\  
 Data File : BG025422.D  
 Acq On : 30 Dec 2016 20:36  
 Operator : UM/SJ  
 Sample : H6318-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-38

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-BG122116.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         | 5.270       | 408           | 414         | 422          | rBV      | 136618         | 238125        | 3.58%           | 0.897%        |
| 2         | 5.746       | 486           | 495         | 507          | rBV      | 519091         | 911094        | 13.70%          | 3.433%        |
| 3         | 7.368       | 763           | 771         | 782          | rBV      | 335825         | 666019        | 10.02%          | 2.509%        |
| 4         | 7.738       | 825           | 834         | 844          | rBV      | 940176         | 1743583       | 26.23%          | 6.570%        |
| 5         | 8.208       | 907           | 914         | 923          | rVB2     | 218634         | 402188        | 6.05%           | 1.515%        |
| 6         | 8.531       | 961           | 969         | 980          | rBV      | 835474         | 1536621       | 23.11%          | 5.790%        |
| 7         | 9.389       | 1108          | 1115        | 1127         | rBV      | 778873         | 1483391       | 22.31%          | 5.589%        |
| 8         | 11.034      | 1386          | 1395        | 1405         | rBV2     | 288987         | 575111        | 8.65%           | 2.167%        |
| 9         | 12.274      | 1601          | 1606        | 1611         | rBV2     | 46086          | 85746         | 1.29%           | 0.323%        |
| 10        | 13.455      | 1799          | 1807        | 1819         | rVB      | 2136670        | 3465908       | 52.13%          | 13.059%       |
| 11        | 14.277      | 1941          | 1947        | 1954         | rVB8     | 31671          | 75986         | 1.14%           | 0.286%        |
| 12        | 14.830      | 2033          | 2041        | 2049         | rBV      | 518911         | 832130        | 12.52%          | 3.135%        |
| 13        | 16.322      | 2288          | 2295        | 2307         | rBV      | 2207657        | 3521093       | 52.96%          | 13.267%       |
| 14        | 17.579      | 2503          | 2509        | 2516         | rVB      | 692160         | 1067341       | 16.05%          | 4.022%        |
| 15        | 19.671      | 2863          | 2865        | 2871         | rBV7     | 45488          | 67978         | 1.02%           | 0.256%        |
| 16        | 20.159      | 2942          | 2948        | 2954         | rBV      | 5073332        | 6648345       | 100.00%         | 25.050%       |
| 17        | 21.874      | 3233          | 3240        | 3247         | rVB      | 886211         | 1559492       | 23.46%          | 5.876%        |
| 18        | 25.282      | 3809          | 3820        | 3832         | rBV2     | 535089         | 1660125       | 24.97%          | 6.255%        |

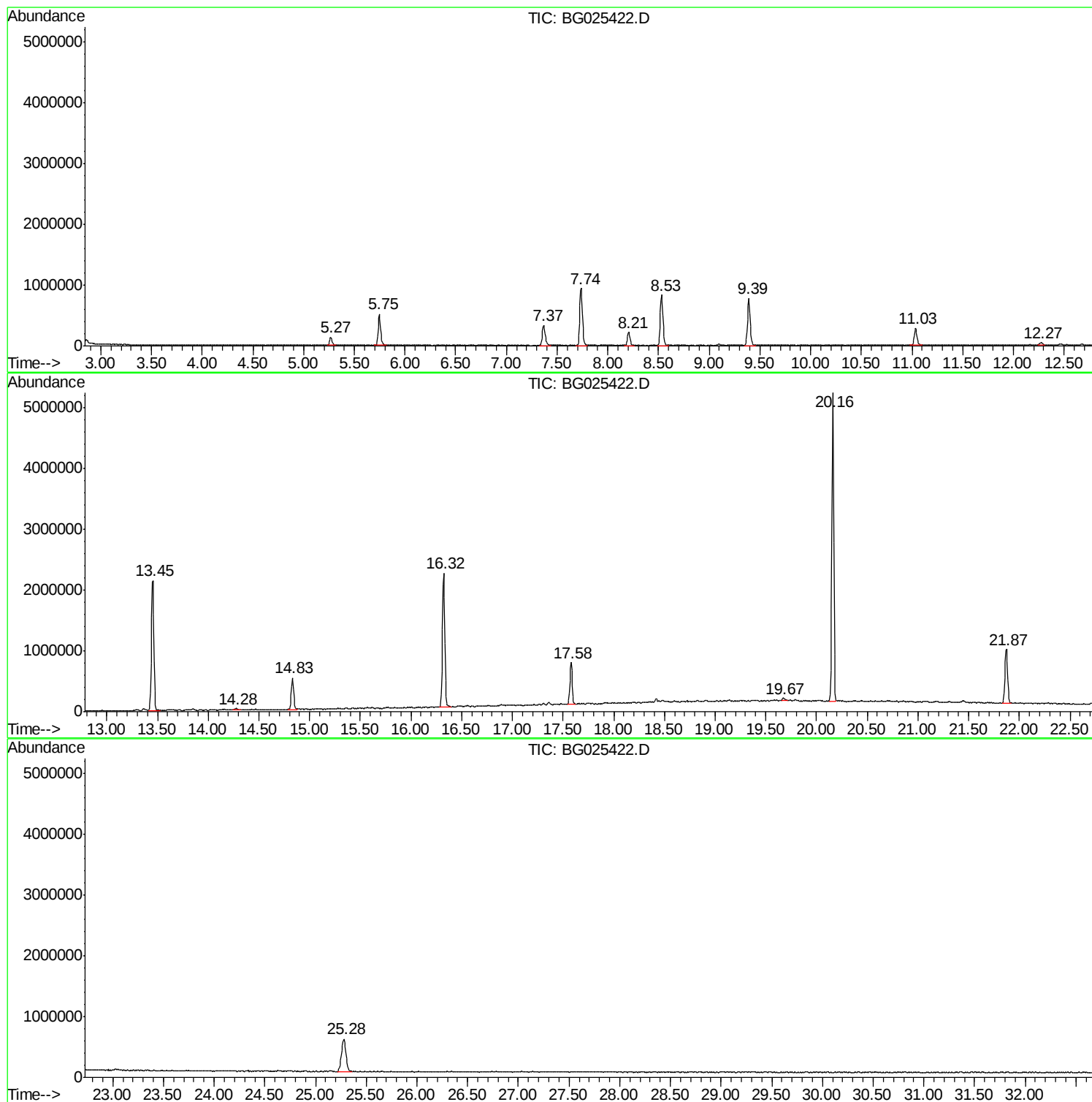
Sum of corrected areas: 26540276

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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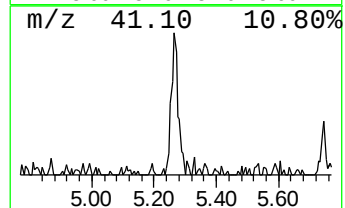
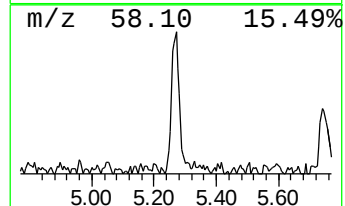
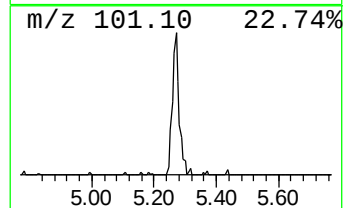
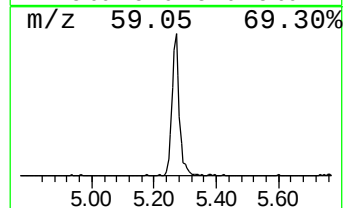
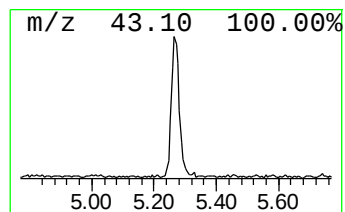
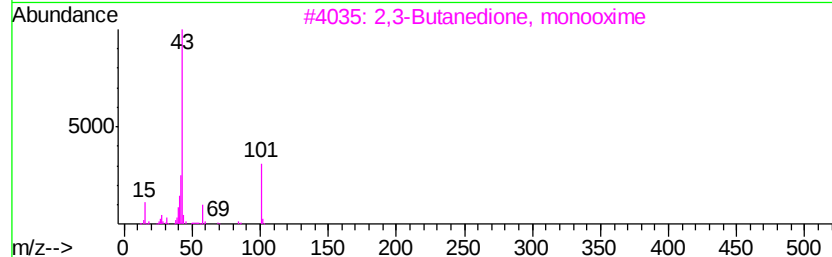
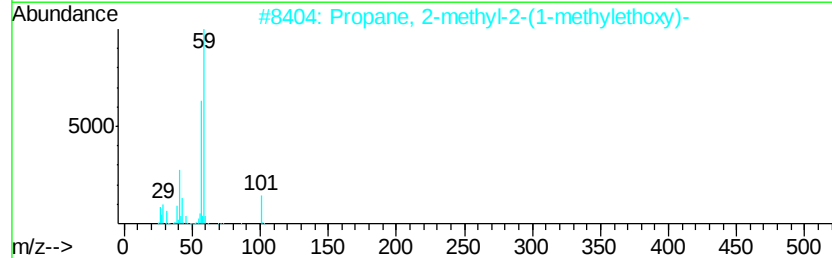
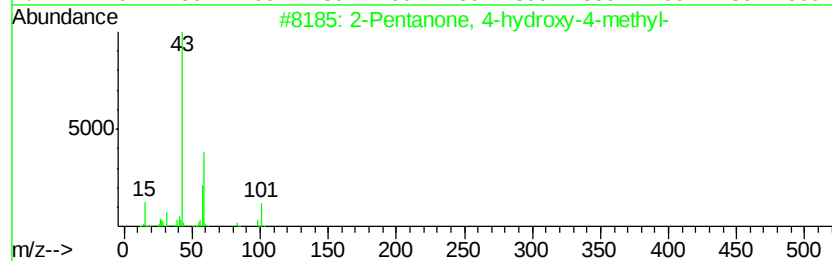
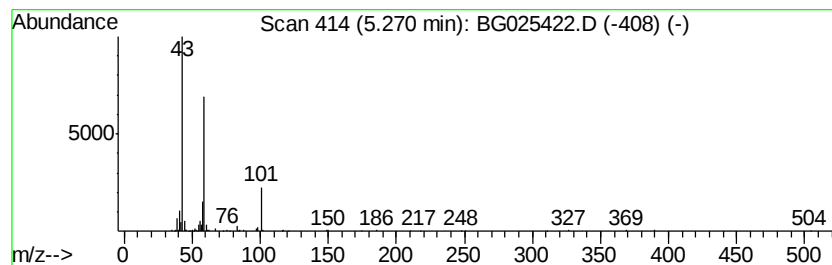
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.27 | 11.84 ng | 238125 | 1,4-Dichlorobenzene-d4 | 8.21 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2 | 000123-42-2 | 64   |
| 2    |    |   | Propane, 2-methyl-2-(1-methylethyl)- | 116 | C7H16O  | 017348-59-3 | 40   |
| 3    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2 | 000057-71-6 | 32   |
| 4    |    |   | 3-Octanol                            | 130 | C8H18O  | 000589-98-0 | 28   |
| 5    |    |   | Hydrazine, 1,1-bis(1-methylethyl)-   | 116 | C6H16N2 | 000921-14-2 | 28   |



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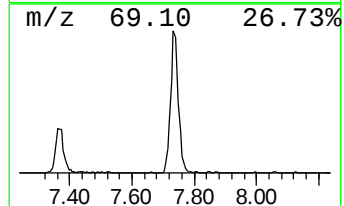
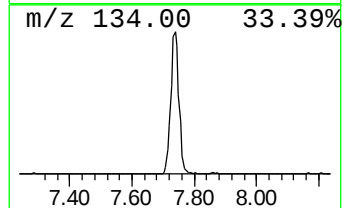
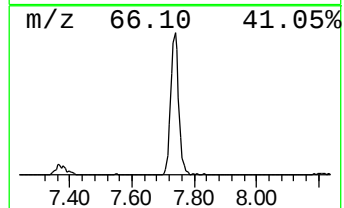
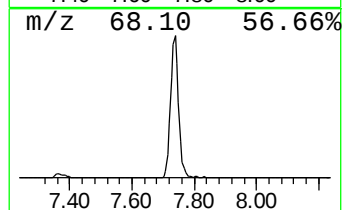
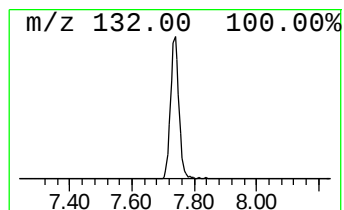
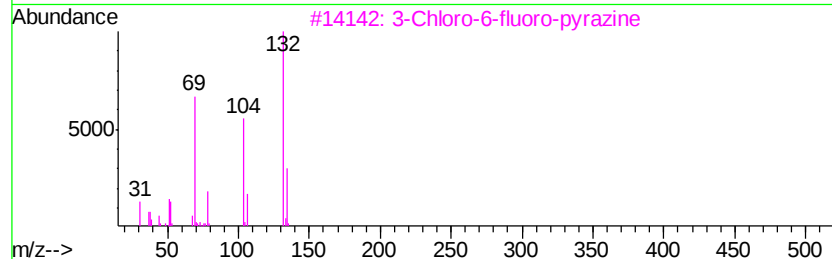
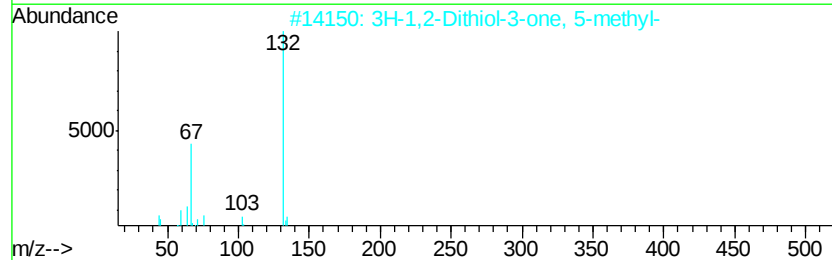
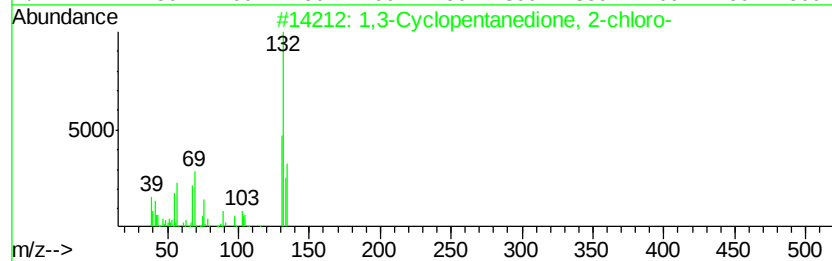
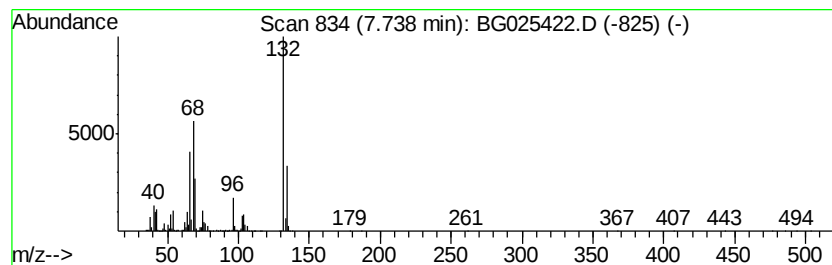
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Peak Number 2 unknown7.74 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.74 | 86.70 ng | 1743580 | 1,4-Dichlorobenzene-d4 | 8.21 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1,3-Cyclopentanedione, 2-chloro-    | 132 | C5H5ClO2  | 014203-19-1  | 16   |
| 2    |    | 3H-1,2-Dithiol-3-one, 5-methyl-     | 132 | C4H4OS2   | 003620-08-4  | 14   |
| 3    |    | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 14   |
| 4    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 14   |
| 5    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |



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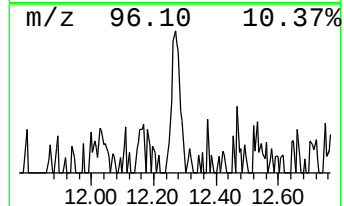
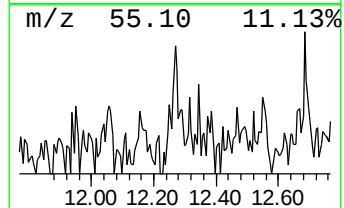
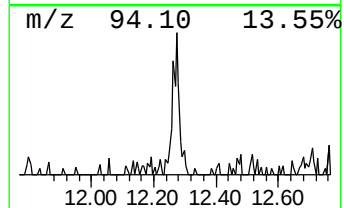
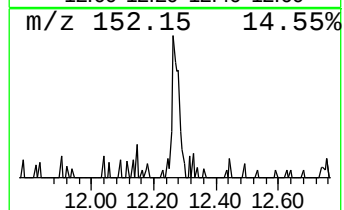
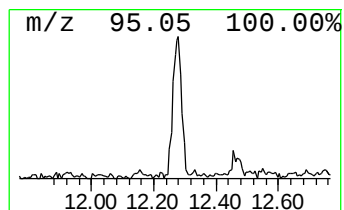
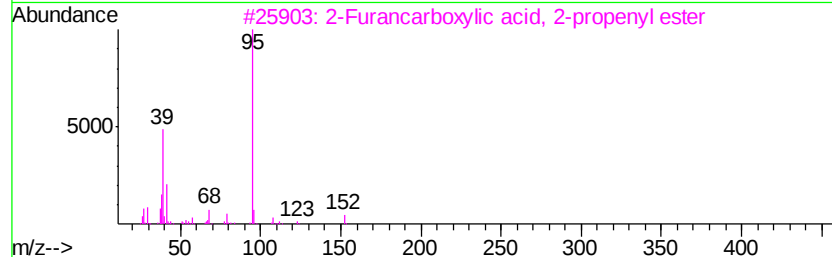
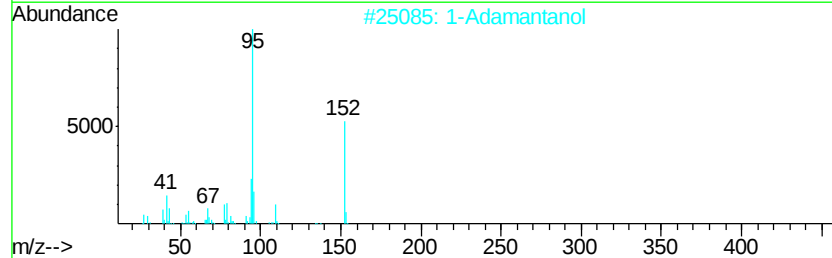
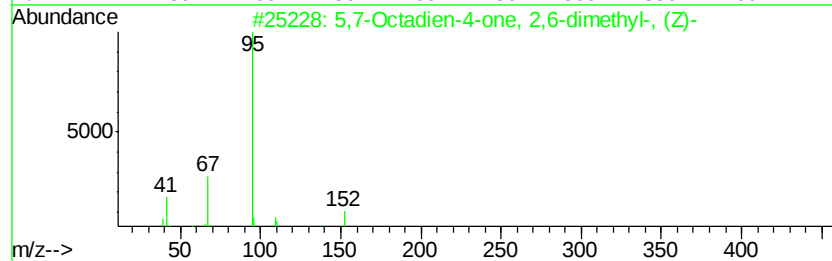
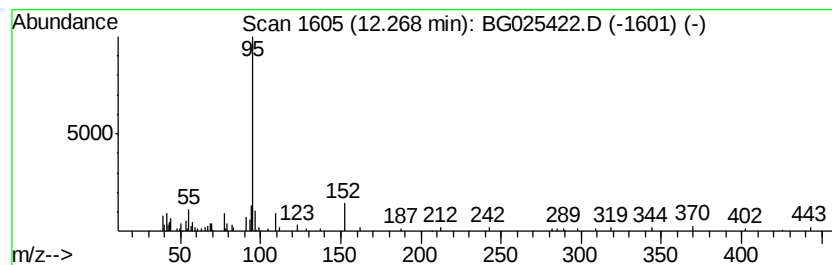
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Peak Number 4 5,7-Octadien-4-one, 2,6-dim... Concentration Rank 4

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 12.27 | 2.98 ng | 85746 | Naphthalene-d8   | 11.03 |

| Hit# of | 5                                    | Tentative ID | MW      | MolForm     | CAS# | Qual |
|---------|--------------------------------------|--------------|---------|-------------|------|------|
| 1       | 5,7-Octadien-4-one, 2,6-dimethyl...  | 152          | C10H16O | 003588-18-9 | 53   |      |
| 2       | 1-Adamantanol                        | 152          | C10H16O | 000768-95-6 | 50   |      |
| 3       | 2-Furancarboxylic acid, 2-propen...  | 152          | C8H8O3  | 004208-49-5 | 50   |      |
| 4       | Cyclohexene, 1-methyl-3-(1-methyl... | 138          | C10H18  | 013828-31-4 | 47   |      |
| 5       | endo-Borneol                         | 154          | C10H18O | 000507-70-0 | 47   |      |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.27  | 11.8    | ng    | 238125   | 1                     | 8.21  | 402188 | 20.0 |
| unknown7.74          | 7.74  | 86.7    | ng    | 1743580  | 1                     | 8.21  | 402188 | 20.0 |
| 5,7-Octadien-4-on... | 12.27 | 3.0     | ng    | 85746    | 2                     | 11.03 | 575111 | 20.0 |