

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\  
 Data File : BG028633.D  
 Acq On : 10 Sep 2017 2:50  
 Operator : SJ/JU  
 Sample : I5187-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20170541-FIELDBLANK-1

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-BG090717.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         | 5.445       | 310           | 316         | 323          | rBV      | 24021          | 41103         | 1.11%           | 0.288%        |
| 2         | 5.909       | 385           | 395         | 405          | rBV      | 311377         | 522698        | 14.11%          | 3.665%        |
| 3         | 7.490       | 657           | 664         | 672          | rBV      | 172389         | 313223        | 8.46%           | 2.196%        |
| 4         | 7.866       | 720           | 728         | 738          | rBV      | 535966         | 963318        | 26.01%          | 6.754%        |
| 5         | 8.336       | 800           | 808         | 813          | rBV      | 119089         | 220194        | 5.95%           | 1.544%        |
| 6         | 8.659       | 854           | 863         | 872          | rBV      | 503505         | 910523        | 24.59%          | 6.384%        |
| 7         | 9.505       | 998           | 1007        | 1017         | rBV      | 419668         | 782323        | 21.12%          | 5.485%        |
| 8         | 10.022      | 1089          | 1095        | 1104         | rVB4     | 16215          | 41862         | 1.13%           | 0.293%        |
| 9         | 11.150      | 1281          | 1287        | 1296         | rVB      | 151722         | 287377        | 7.76%           | 2.015%        |
| 10        | 13.565      | 1689          | 1698        | 1708         | rBV      | 1225575        | 1906122       | 51.47%          | 13.364%       |
| 11        | 14.946      | 1924          | 1933        | 1944         | rVB2     | 248122         | 434096        | 11.72%          | 3.043%        |
| 12        | 16.432      | 2179          | 2186        | 2199         | rBV      | 1107233        | 1775687       | 47.95%          | 12.449%       |
| 13        | 17.696      | 2394          | 2401        | 2409         | rBV      | 400412         | 623668        | 16.84%          | 4.373%        |
| 14        | 20.281      | 2835          | 2841        | 2848         | rBV      | 2886490        | 3703321       | 100.00%         | 25.964%       |
| 15        | 20.945      | 2947          | 2954        | 2968         | rBV5     | 25169          | 78097         | 2.11%           | 0.548%        |
| 16        | 21.855      | 3103          | 3109        | 3115         | rBV      | 69969          | 104664        | 2.83%           | 0.734%        |
| 17        | 22.026      | 3131          | 3138        | 3147         | rVB      | 429307         | 773264        | 20.88%          | 5.421%        |
| 18        | 23.559      | 3394          | 3399        | 3406         | rBV6     | 20281          | 43488         | 1.17%           | 0.305%        |
| 19        | 25.528      | 3724          | 3734        | 3749         | rVB      | 234657         | 738127        | 19.93%          | 5.175%        |

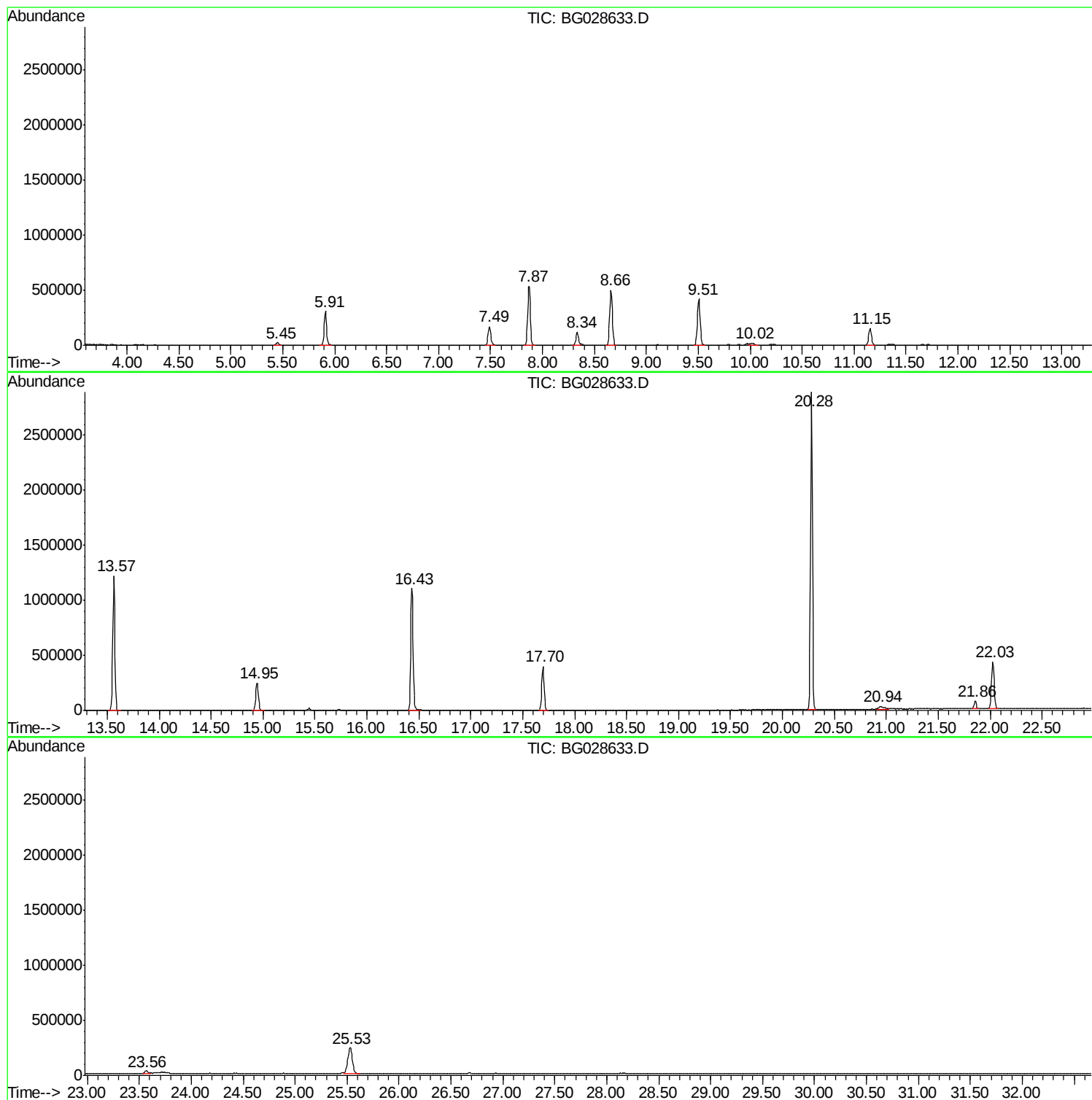
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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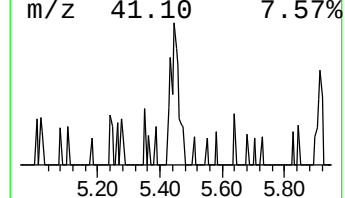
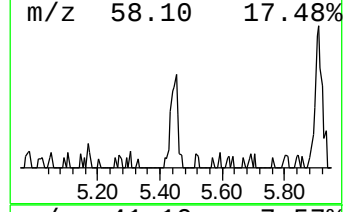
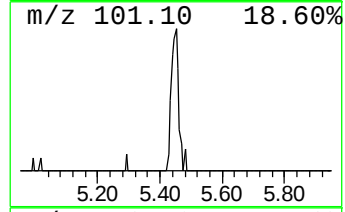
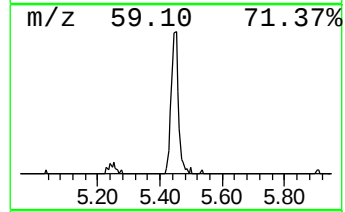
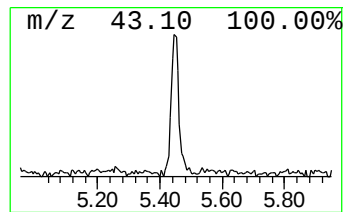
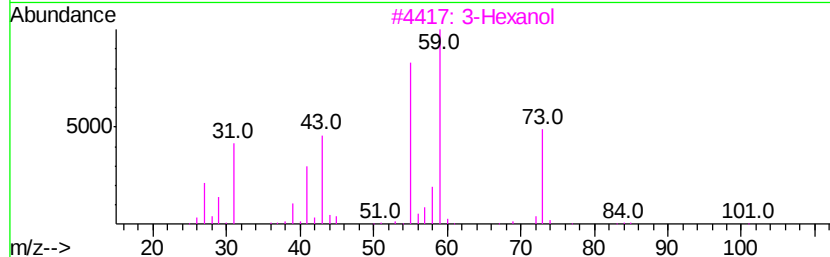
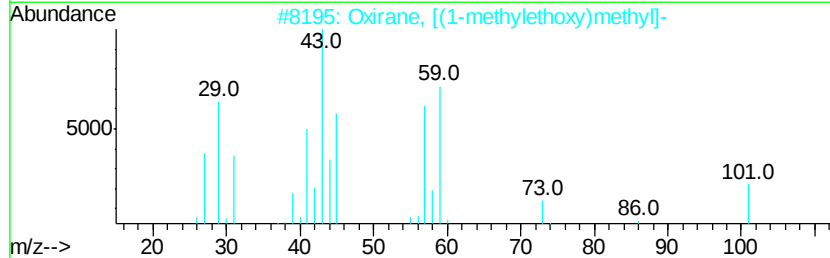
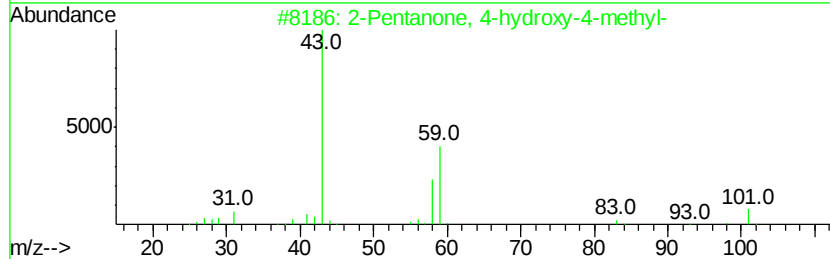
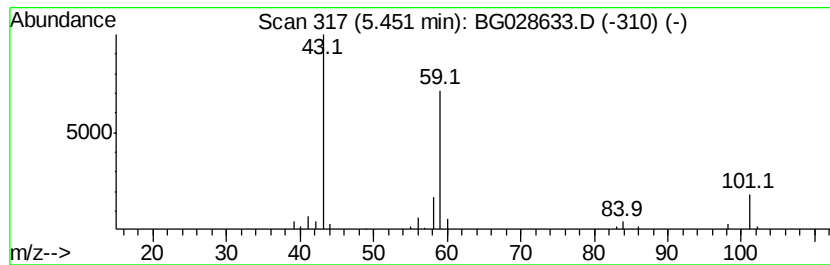
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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. |
|------|---------|-------|------------------------|------|
| 5.45 | 3.73 ng | 41103 | 1,4-Dichlorobenzene-d4 | 8.33 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2  | 42   |
| 2    |    |   | Oxirane, [(1-methylethoxy)methyl]-  | 116 | C6H12O2 | 004016-14-2  | 40   |
| 3    |    |   | 3-Hexanol                           | 102 | C6H14O  | 000623-37-0  | 38   |
| 4    |    |   | 2-Pentanol, 2,4-dimethyl-           | 116 | C7H16O  | 000625-06-9  | 38   |
| 5    |    |   | 2,3-Dimethyloxirane-2-carboxylic... | 130 | C6H10O3 | 1000306-64-4 | 33   |



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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

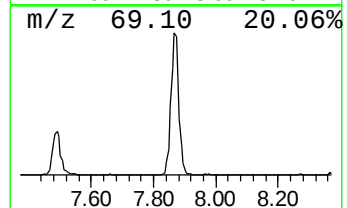
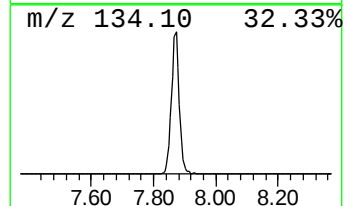
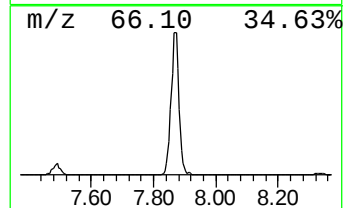
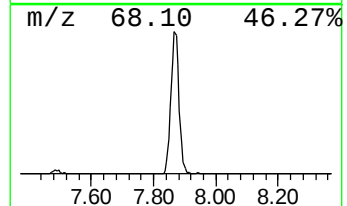
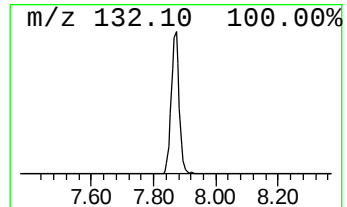
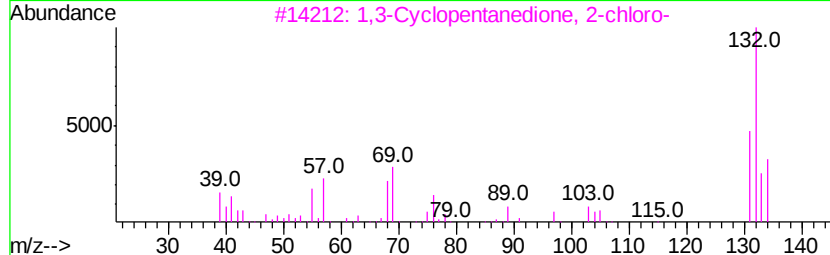
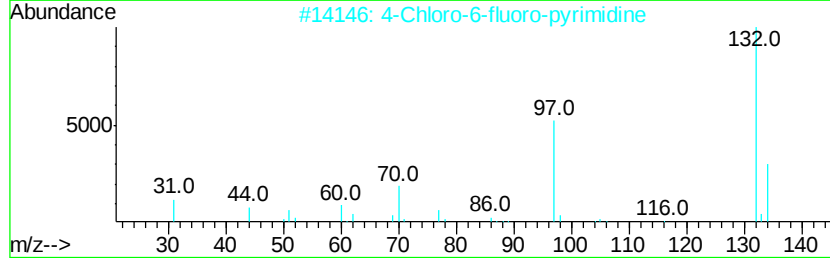
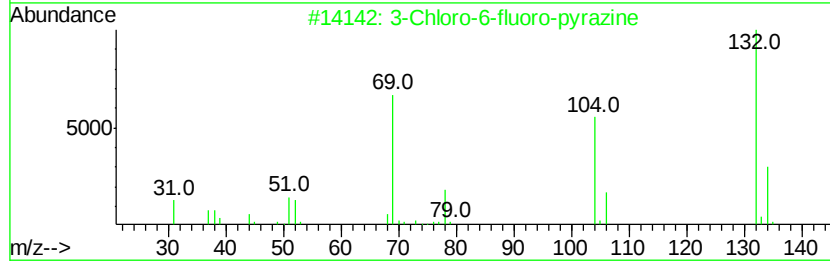
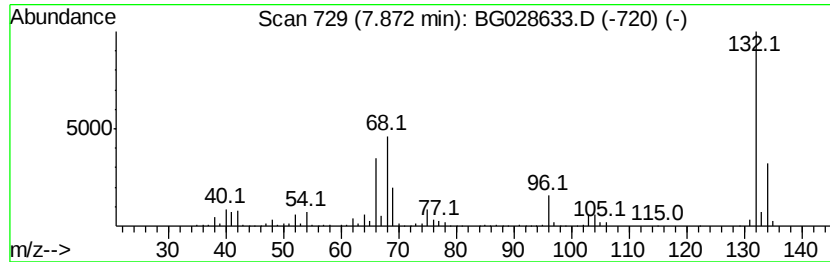
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown7.87 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.87 | 87.50 ng | 963318 | 1,4-Dichlorobenzene-d4 | 8.33 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 17   |
| 4    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 5    |    | 1,3,5-Trifluorobenzene           | 132 | C6H3F3    | 000372-38-3  | 10   |



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Misc :  
ALS Vial : 19 Sample Multiplier: 1

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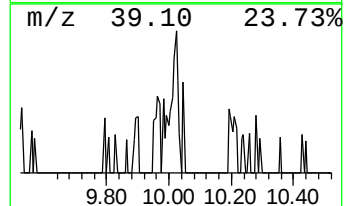
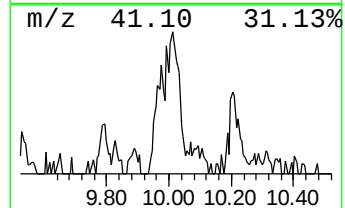
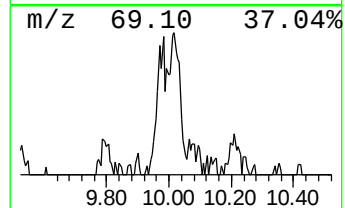
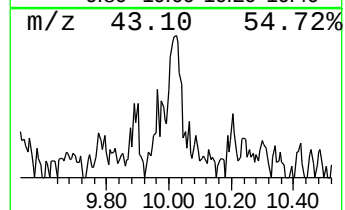
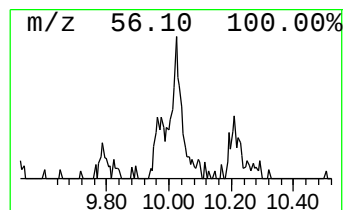
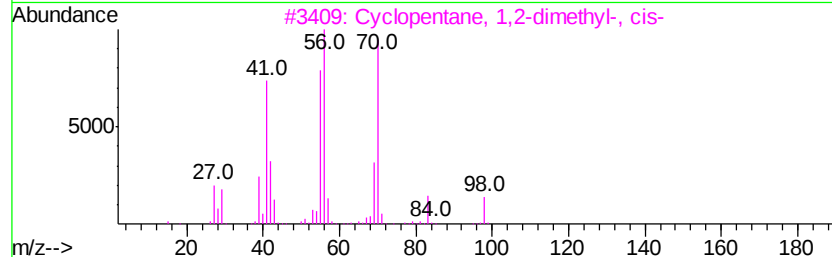
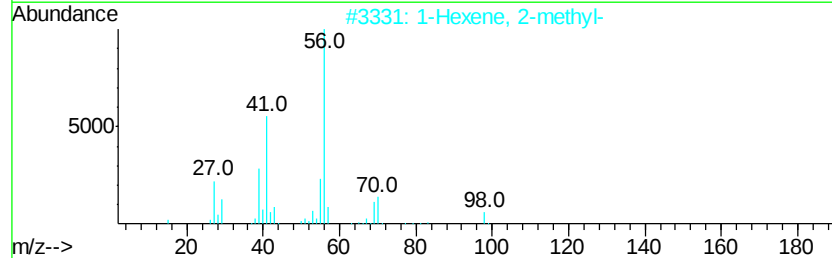
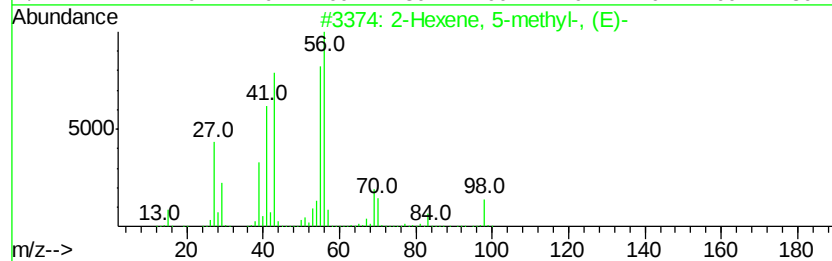
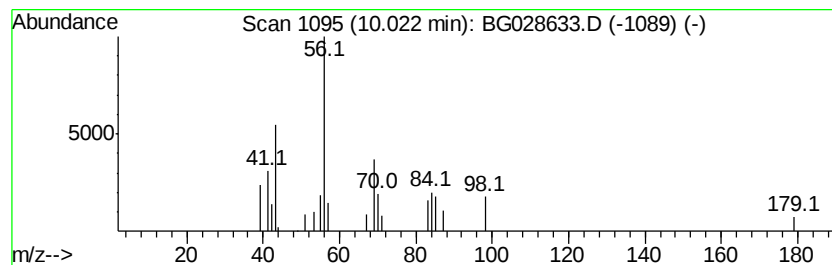
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Peak Number 4 2-Hexene, 5-methyl-, (E)- Concentration Rank 4

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 10.02 | 2.91 ng | 41862 | Naphthalene-d8   | 11.15 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Hexene, 5-methyl-, (E)-         | 98  | C7H14   | 007385-82-2 | 58   |
| 2    |    |   | 1-Hexene, 2-methyl-               | 98  | C7H14   | 006094-02-6 | 53   |
| 3    |    |   | Cyclopentane, 1,2-dimethyl-, cis- | 98  | C7H14   | 001192-18-3 | 50   |
| 4    |    |   | 1-Pentene, 4-methyl-              | 84  | C6H12   | 000691-37-2 | 47   |
| 5    |    |   | Cyclobutane, butyl-               | 112 | C8H16   | 013152-44-8 | 45   |



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ALS Vial : 19 Sample Multiplier: 1

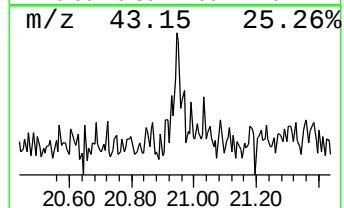
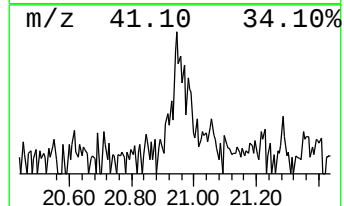
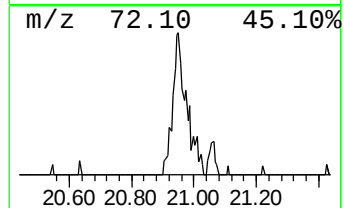
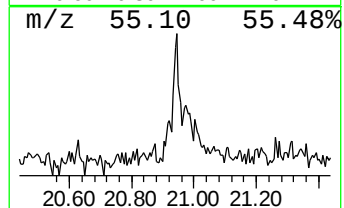
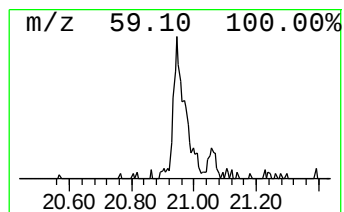
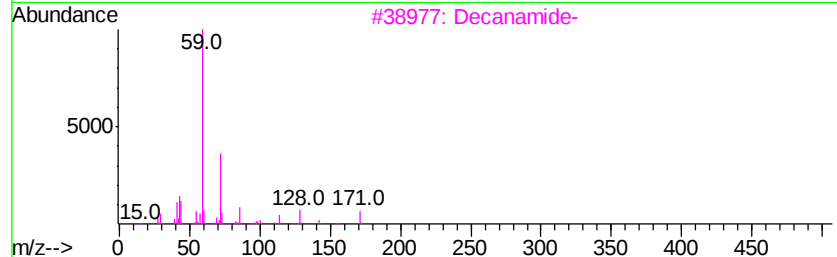
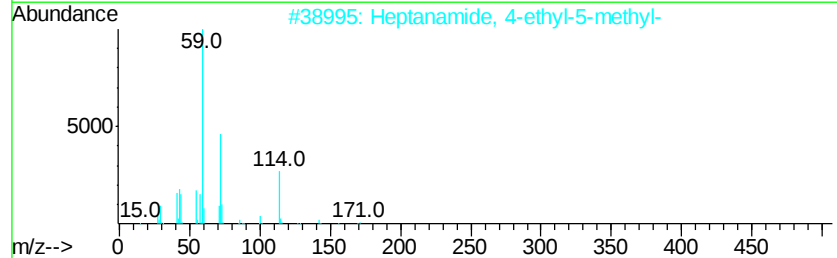
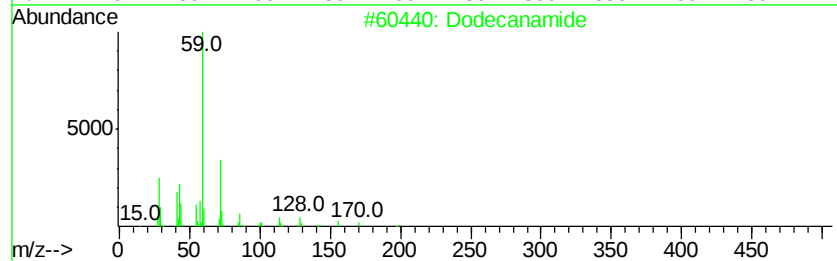
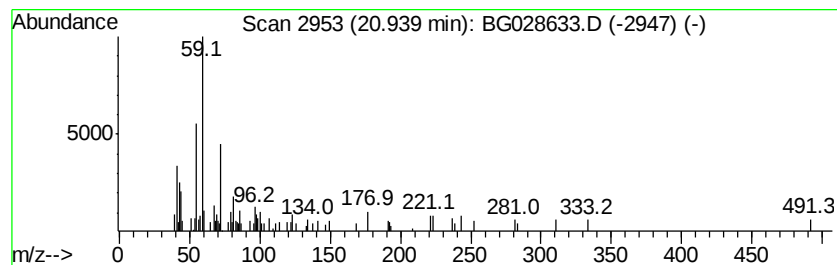
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\*\*\*\*\*  
Peak Number 5 Dodecanamide Concentration Rank 5

| R.T.      | EstConc                        | Area  | Relative to ISTD |             | R.T.  |
|-----------|--------------------------------|-------|------------------|-------------|-------|
| 20.94     | 2.02 ng                        | 78097 | Chrysene-d12     |             | 22.03 |
| Hit# of 5 | Tentative ID                   | MW    | MolForm          | CAS#        | Qual  |
| 1         | Dodecanamide                   | 199   | C12H25NO         | 001120-16-7 | 53    |
| 2         | Heptanamide, 4-ethyl-5-methyl- | 171   | C10H21NO         | 054789-40-1 | 50    |
| 3         | Decanamide-                    | 171   | C10H21NO         | 002319-29-1 | 50    |
| 4         | Octanamide                     | 143   | C8H17NO          | 000629-01-6 | 50    |
| 5         | 9-Octadecenamide, (Z)-         | 281   | C18H35NO         | 000301-02-0 | 46    |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.45  | 3.7     | ng    | 41103    | 1                     | 8.33  | 220194 | 20.0 |
| unknown7.87          | 7.87  | 87.5    | ng    | 963318   | 1                     | 8.33  | 220194 | 20.0 |
| 2-Hexene, 5-methy... | 10.02 | 2.9     | ng    | 41862    | 2                     | 11.15 | 287377 | 20.0 |
| Dodecanamide         | 20.94 | 2.0     | ng    | 78097    | 5                     | 22.03 | 773264 | 20.0 |