

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF120115\  
 Data File : BF083395.D  
 Acq On : 2 Dec 2015 2:33  
 Operator : UM/IZ  
 Sample : G4587-04  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-02

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-BF113015.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         | 4.647       | 257           | 259         | 273          | rVB      | 382950         | 718032        | 11.89%          | 1.921%        |
| 2         | 5.139       | 300           | 302         | 316          | rBV      | 1643272        | 2708256       | 44.83%          | 7.244%        |
| 3         | 6.213       | 394           | 396         | 403          | rBV      | 1840119        | 1854356       | 30.70%          | 4.960%        |
| 4         | 6.316       | 403           | 405         | 408          | rBV      | 3345595        | 4201255       | 69.55%          | 11.237%       |
| 5         | 6.545       | 423           | 425         | 428          | rBV      | 963797         | 987091        | 16.34%          | 2.640%        |
| 6         | 6.705       | 437           | 439         | 442          | rBV      | 4283739        | 3898180       | 64.53%          | 10.426%       |
| 7         | 7.127       | 473           | 476         | 478          | rBV      | 2694343        | 3570533       | 59.11%          | 9.550%        |
| 8         | 7.836       | 536           | 538         | 540          | rBV      | 1521263        | 1303483       | 21.58%          | 3.486%        |
| 9         | 8.922       | 630           | 633         | 635          | rBV      | 5737910        | 6040548       | 100.00%         | 16.157%       |
| 10        | 9.322       | 666           | 668         | 670          | rBV      | 88510          | 87415         | 1.45%           | 0.234%        |
| 11        | 9.585       | 689           | 691         | 693          | rBV      | 1507513        | 1437414       | 23.80%          | 3.845%        |
| 12        | 10.374      | 757           | 760         | 763          | rBV      | 3069926        | 3078259       | 50.96%          | 8.233%        |
| 13        | 11.128      | 823           | 826         | 828          | rBV      | 947629         | 1329938       | 22.02%          | 3.557%        |
| 14        | 11.825      | 884           | 887         | 892          | rBV2     | 91765          | 152363        | 2.52%           | 0.408%        |
| 15        | 12.899      | 979           | 981         | 987          | rBV2     | 51763          | 113673        | 1.88%           | 0.304%        |
| 16        | 13.220      | 1005          | 1009        | 1012         | rBV      | 3280189        | 4169382       | 69.02%          | 11.152%       |
| 17        | 14.740      | 1140          | 1142        | 1150         | rVB      | 531624         | 838956        | 13.89%          | 2.244%        |
| 18        | 16.808      | 1320          | 1323        | 1327         | rBV      | 580597         | 898186        | 14.87%          | 2.402%        |

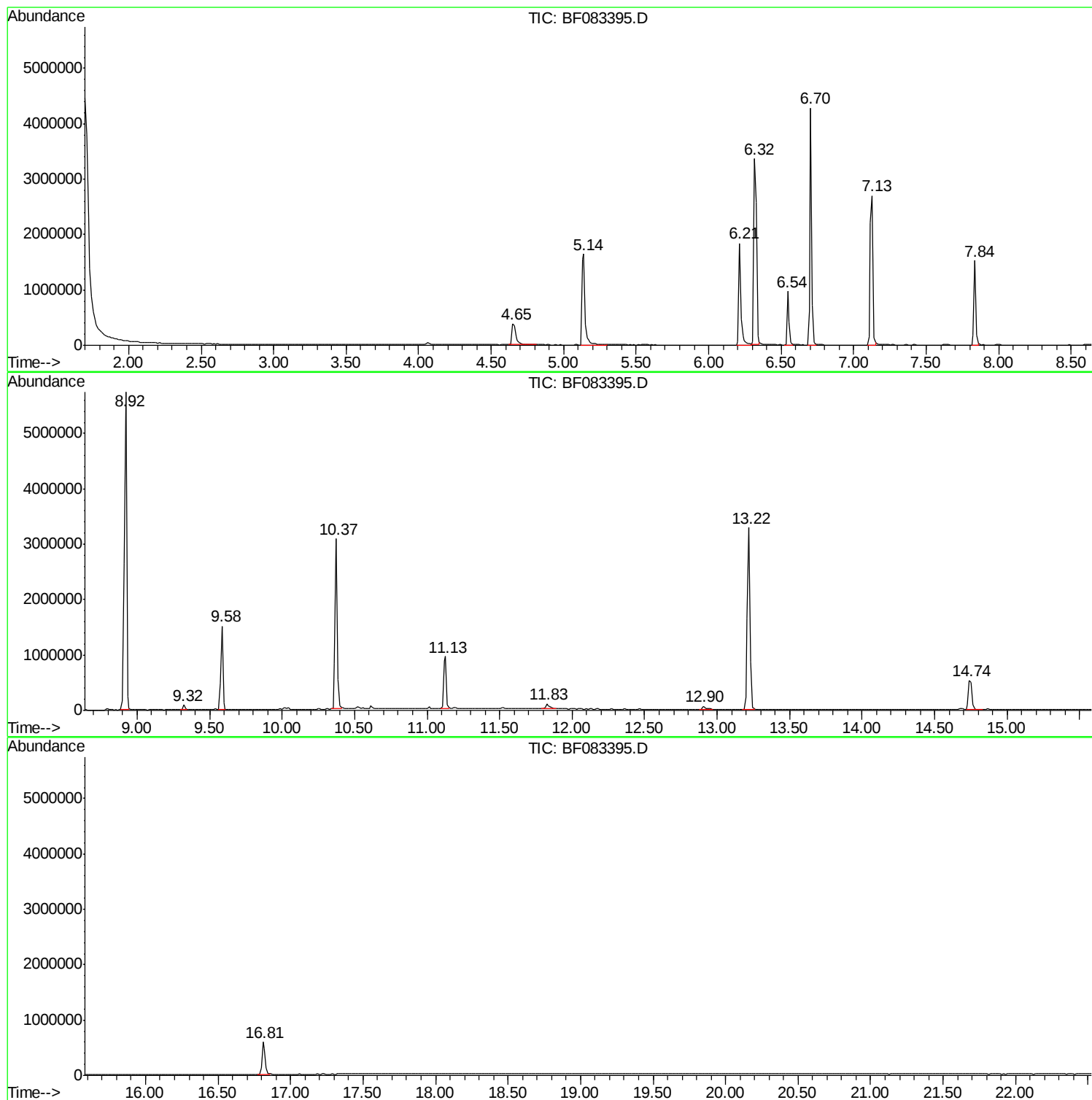
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF113015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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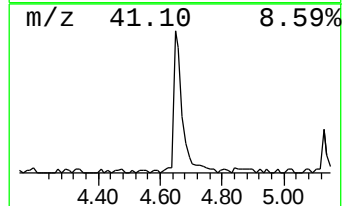
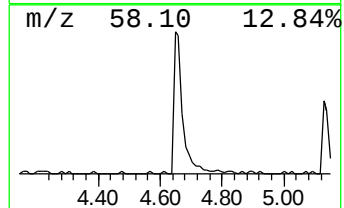
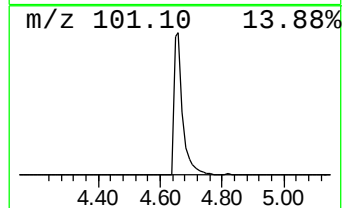
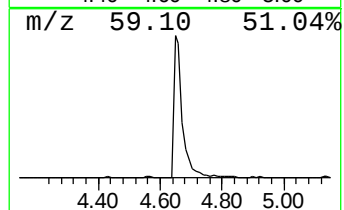
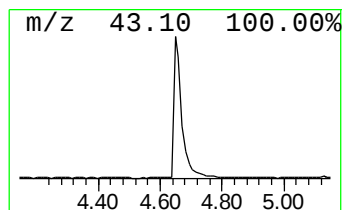
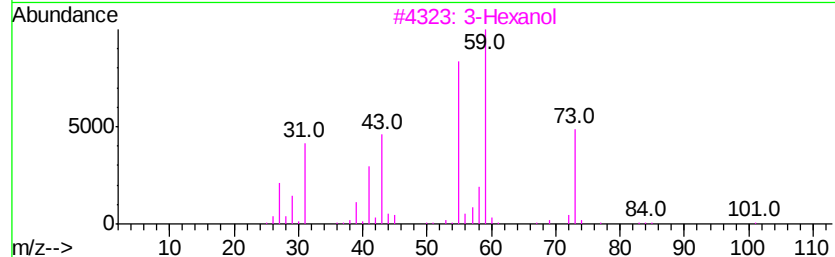
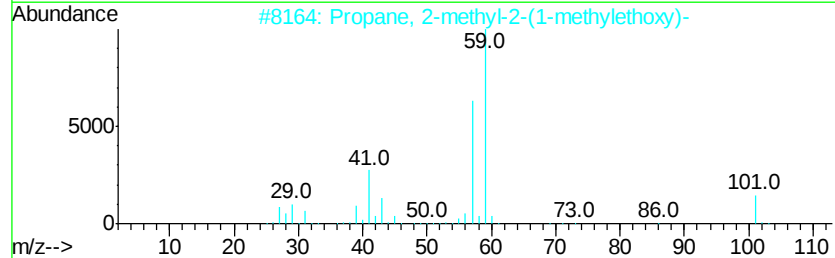
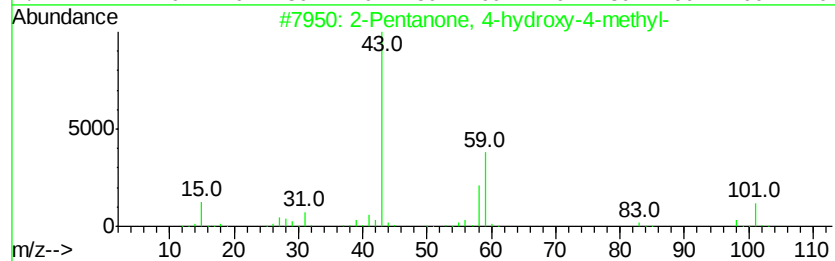
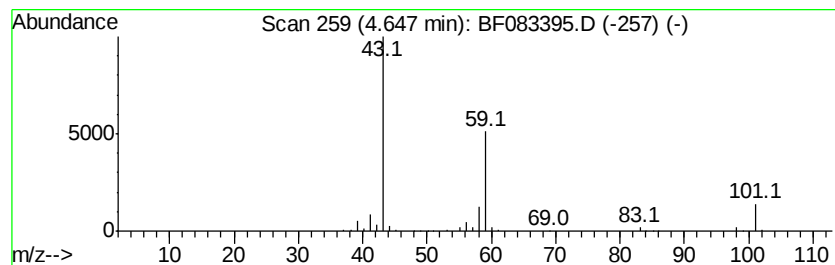
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF113015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.65 | 14.55 ng | 718032 | 1,4-Dichlorobenzene-d4 | 6.54 |

| 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-methyleth... | 116 | C7H16O   | 017348-59-3 | 36   |
| 3    |    |   | 3-Hexanol                           | 102 | C6H14O   | 000623-37-0 | 33   |
| 4    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 28   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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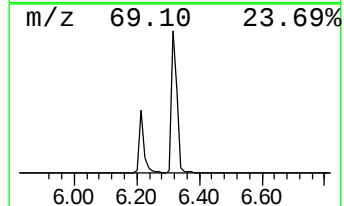
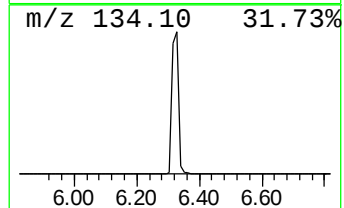
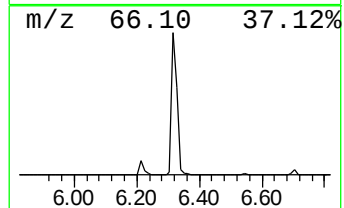
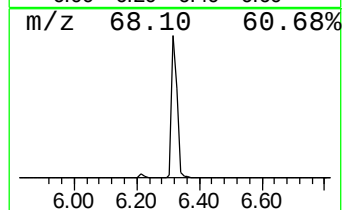
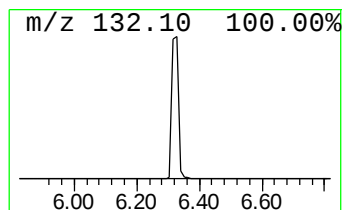
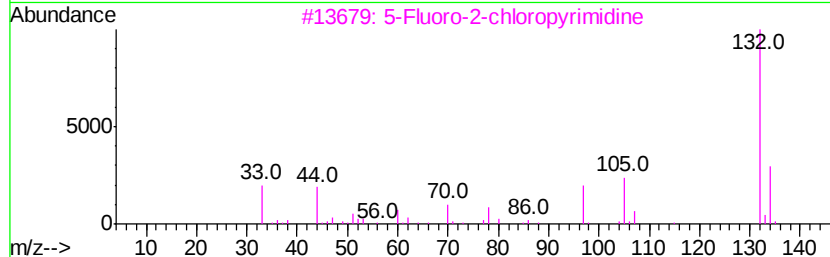
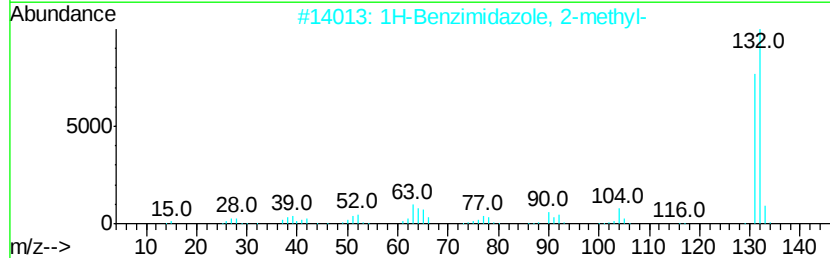
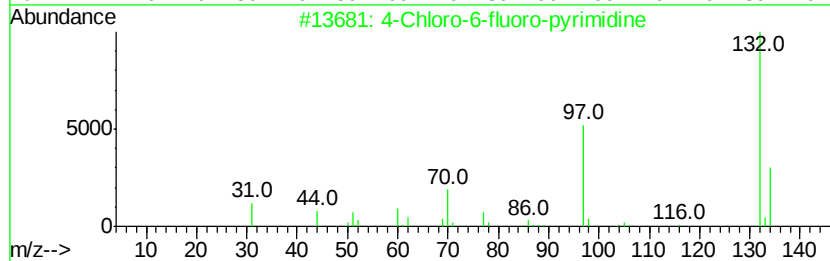
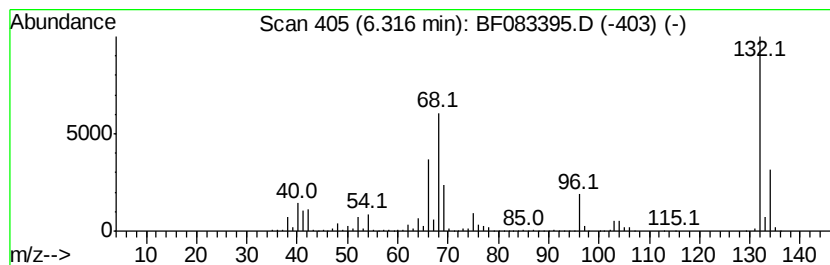
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Peak Number 2 unknown6.32 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.32 | 85.12 ng | 4201260 | 1,4-Dichlorobenzene-d4 | 6.54 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 3    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 4    |    | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 10   |
| 5    |    | Tranylcypromine-propionyl    | 189 | C12H15NO  | 1000123-86-3 | 10   |



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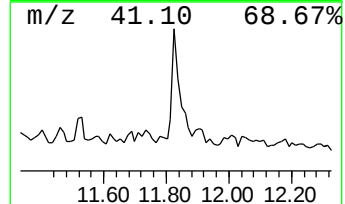
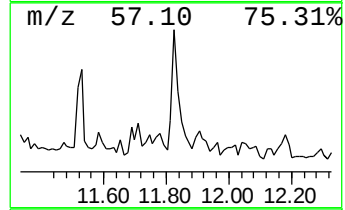
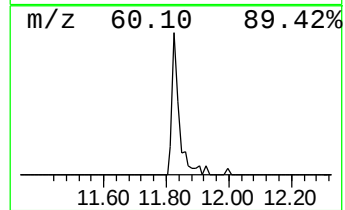
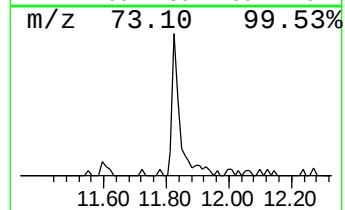
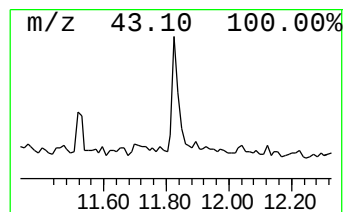
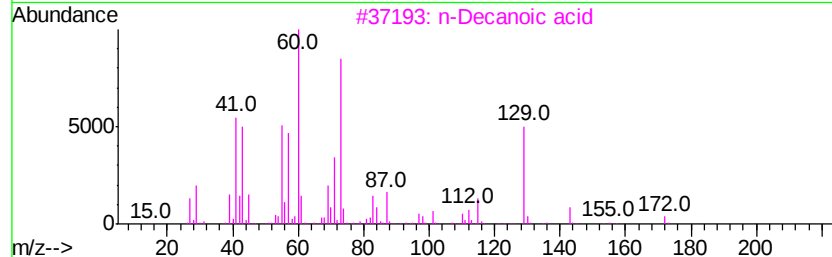
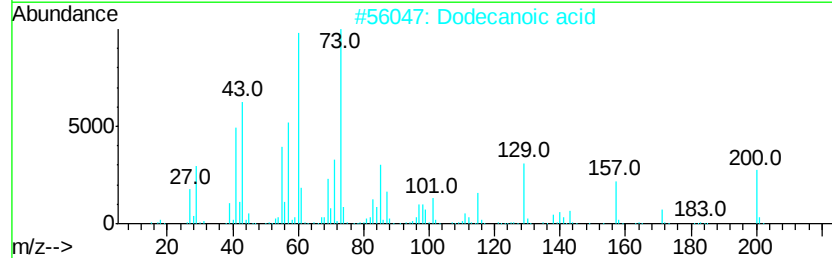
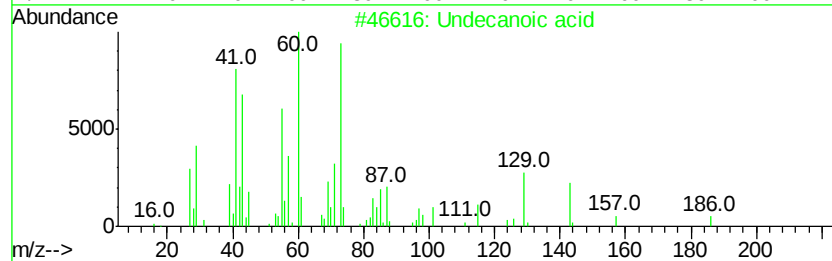
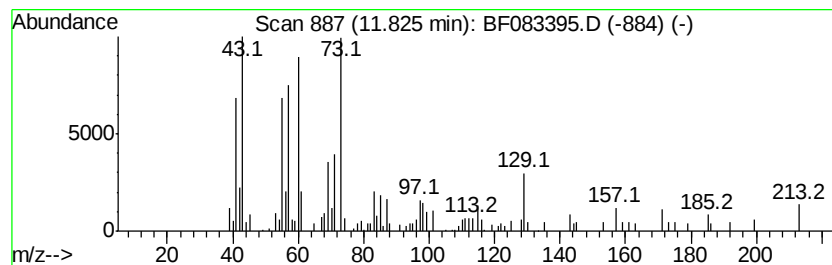
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Peak Number 4 Undecanoic acid Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.83 | 2.29 ng | 152363 | Phenanthrene-d10 | 11.13 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#         | Qual |
|------|----|---|---------------------------------|-----|----------|--------------|------|
| 1    |    |   | Undecanoic acid                 | 186 | C11H22O2 | 000112-37-8  | 86   |
| 2    |    |   | Dodecanoic acid                 | 200 | C12H24O2 | 000143-07-7  | 72   |
| 3    |    |   | n-Decanoic acid                 | 172 | C10H20O2 | 000334-48-5  | 59   |
| 4    |    |   | Methyl-.alpha.-d-ribofuranoside | 164 | C6H12O5  | 1000129-83-1 | 47   |
| 5    |    |   | Amyl Nitrite                    | 117 | C5H11NO2 | 000110-46-3  | 43   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.65  | 14.6    | ng    | 718032   | 1                     | 6.54  | 987091  | 20.0 |
| unknown6.32          | 6.32  | 85.1    | ng    | 4201260  | 1                     | 6.54  | 987091  | 20.0 |
| Undecanoic acid      | 11.83 | 2.3     | ng    | 152363   | 4                     | 11.13 | 1329940 | 20.0 |