

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\  
 Data File : BF103182.D  
 Acq On : 23 Feb 2018 00:06  
 Operator : SJ/JU  
 Sample : PB106745BL  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB106745BL

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:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.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         | 2.187       | 12            | 17          | 23           | rVB      | 88050          | 130260        | 3.96%           | 0.477%        |
| 2         | 5.110       | 511           | 514         | 526          | rBV      | 110544         | 145602        | 4.42%           | 0.533%        |
| 3         | 5.498       | 575           | 580         | 583          | rBV      | 3429539        | 3293343       | 100.00%         | 12.066%       |
| 4         | 6.504       | 746           | 751         | 754          | rBV      | 3082239        | 3152729       | 95.73%          | 11.551%       |
| 5         | 6.639       | 770           | 774         | 778          | rBV      | 3267450        | 3233093       | 98.17%          | 11.845%       |
| 6         | 6.869       | 809           | 813         | 817          | rBV      | 1160935        | 931818        | 28.29%          | 3.414%        |
| 7         | 7.028       | 835           | 840         | 843          | rBV      | 2786339        | 2580277       | 78.35%          | 9.454%        |
| 8         | 7.433       | 904           | 909         | 912          | rBV      | 2235998        | 2128409       | 64.63%          | 7.798%        |
| 9         | 8.151       | 1027          | 1031        | 1047         | rBV      | 1251840        | 1257971       | 38.20%          | 4.609%        |
| 10        | 9.227       | 1209          | 1214        | 1217         | rBV      | 3547297        | 3275031       | 99.44%          | 11.999%       |
| 11        | 9.910       | 1326          | 1330        | 1339         | rVB      | 1245288        | 1177133       | 35.74%          | 4.313%        |
| 12        | 10.698      | 1460          | 1464        | 1477         | rBV      | 1464371        | 1423841       | 43.23%          | 5.217%        |
| 13        | 11.398      | 1579          | 1583        | 1595         | rBV      | 890194         | 868437        | 26.37%          | 3.182%        |
| 14        | 12.980      | 1848          | 1852        | 1856         | rBV      | 2160620        | 2064118       | 62.68%          | 7.563%        |
| 15        | 14.045      | 2029          | 2033        | 2044         | rBV      | 795772         | 773095        | 23.47%          | 2.832%        |
| 16        | 15.539      | 2281          | 2287        | 2293         | rBV      | 510760         | 714321        | 21.69%          | 2.617%        |
| 17        | 15.974      | 2356          | 2361        | 2367         | rBV      | 30109          | 48498         | 1.47%           | 0.178%        |
| 18        | 16.480      | 2443          | 2447        | 2454         | rVB3     | 30351          | 51086         | 1.55%           | 0.187%        |
| 19        | 17.092      | 2547          | 2551        | 2558         | rVB7     | 23411          | 44969         | 1.37%           | 0.165%        |

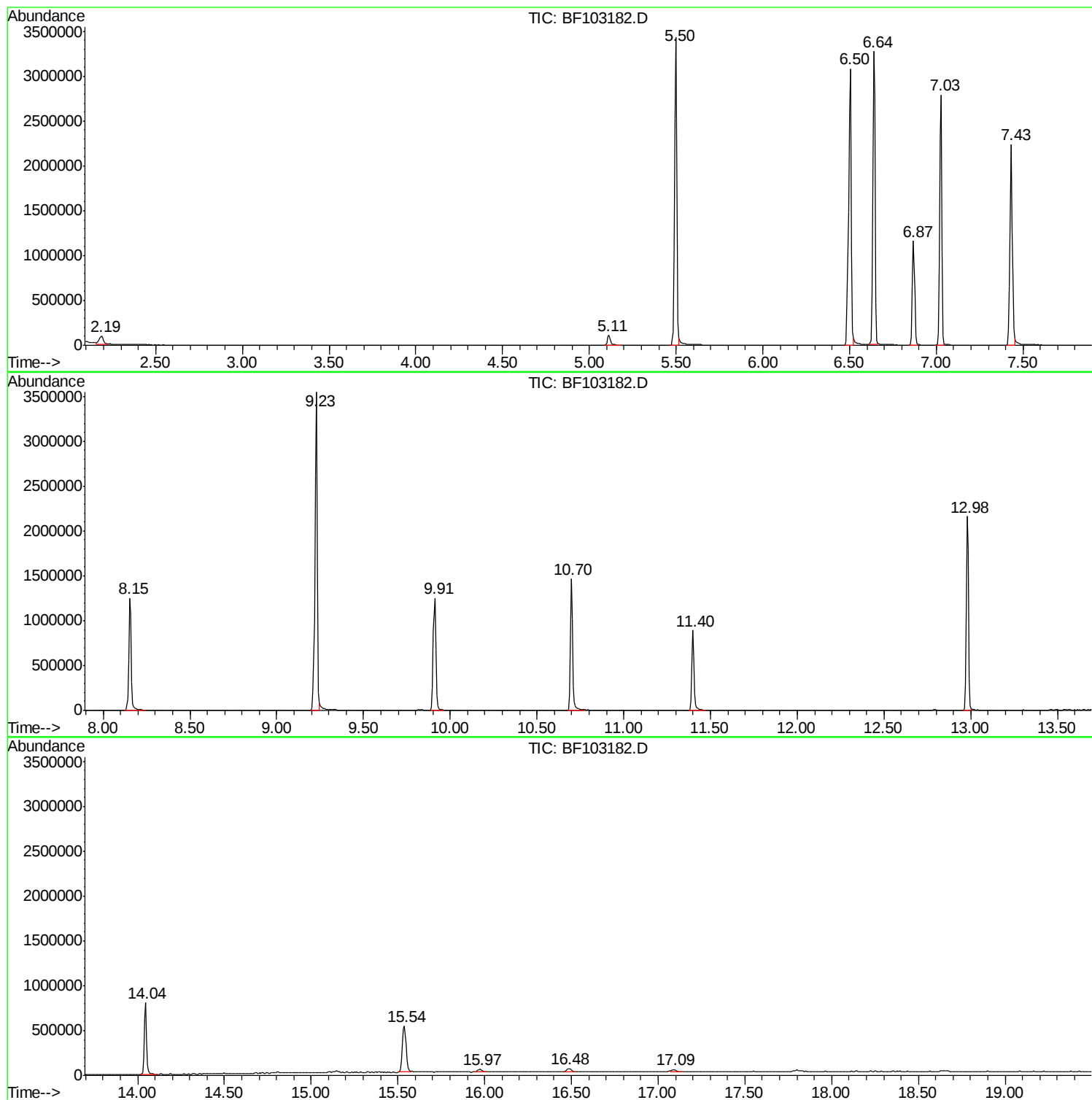
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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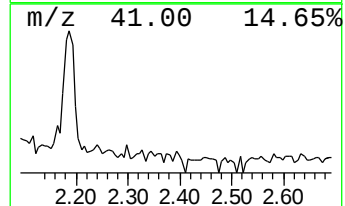
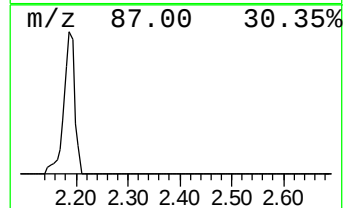
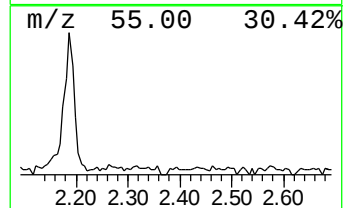
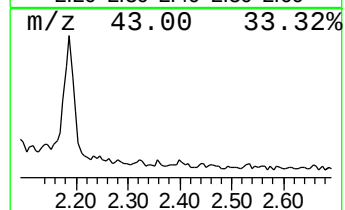
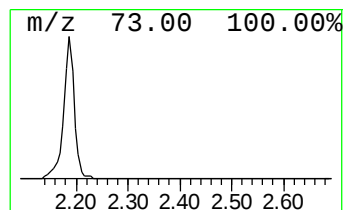
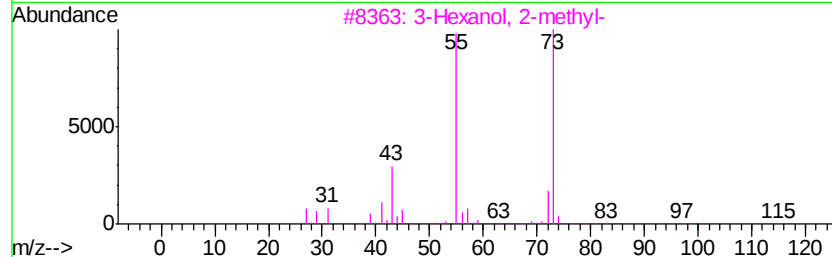
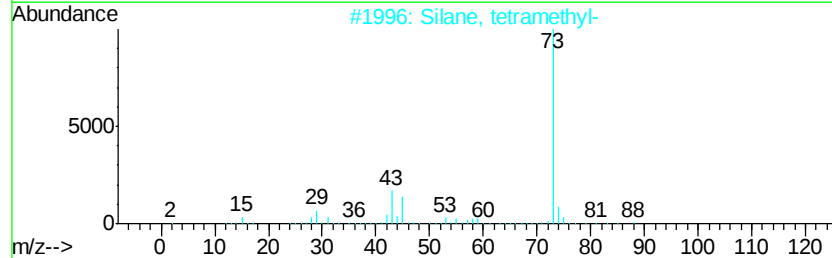
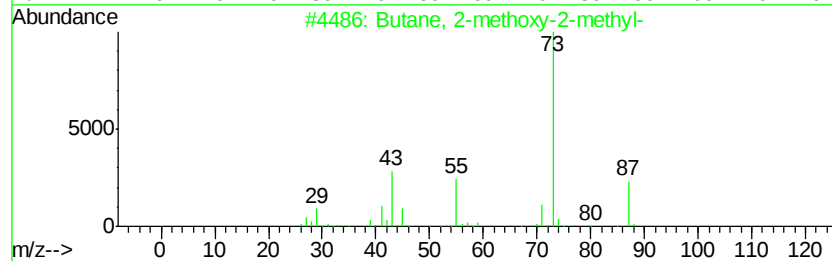
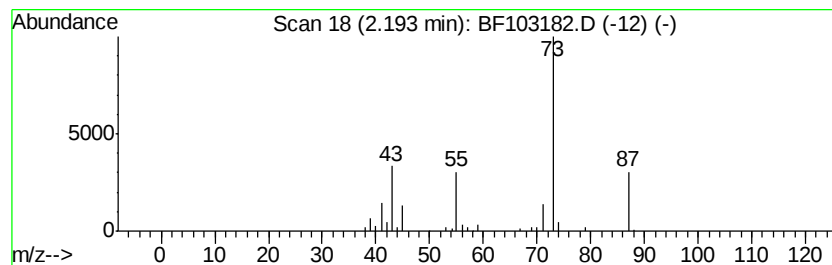
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 2.19 | 2.80 ng | 130260 | 1,4-Dichlorobenzene-d4 | 6.87 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O   | 000994-05-8 | 83   |
| 2    |    |   | Silane, tetramethyl-                | 88  | C4H12Si  | 000075-76-3 | 35   |
| 3    |    |   | 3-Hexanol, 2-methyl-                | 116 | C7H16O   | 000617-29-8 | 25   |
| 4    |    |   | Boronic acid, ethyl-, dimethyl e... | 102 | C4H11BO2 | 007318-82-3 | 17   |
| 5    |    |   | 2-Methyl-5-hexen-3-ol               | 114 | C7H14O   | 032815-70-6 | 17   |



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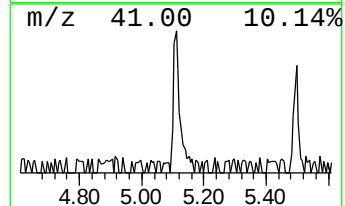
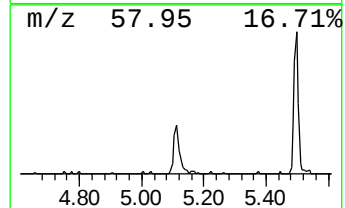
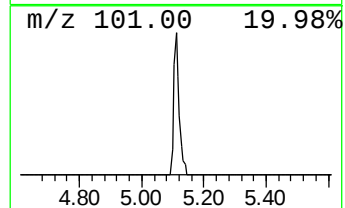
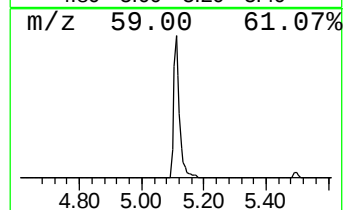
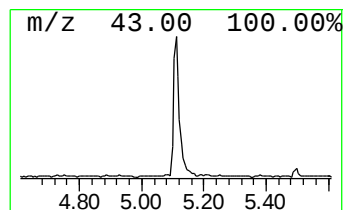
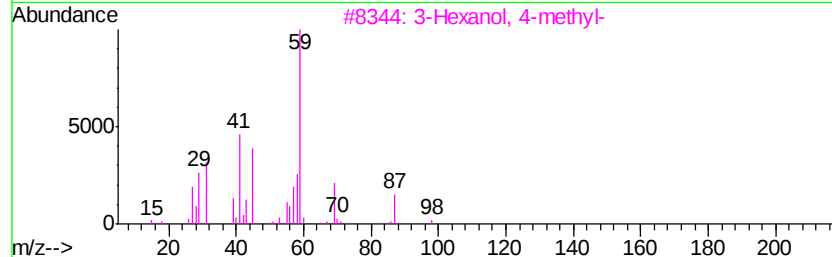
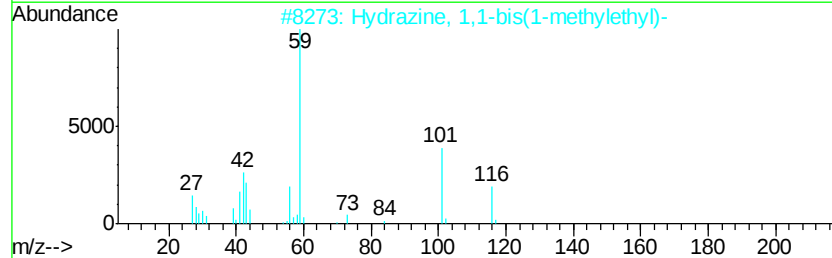
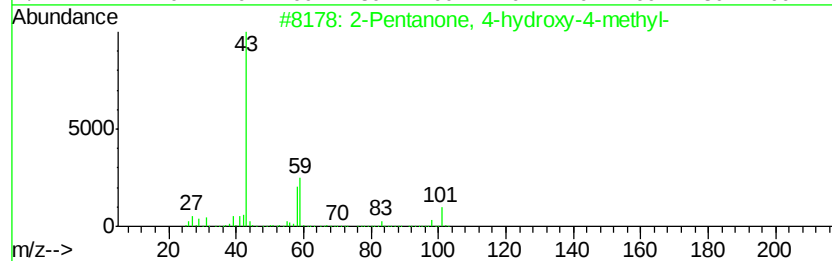
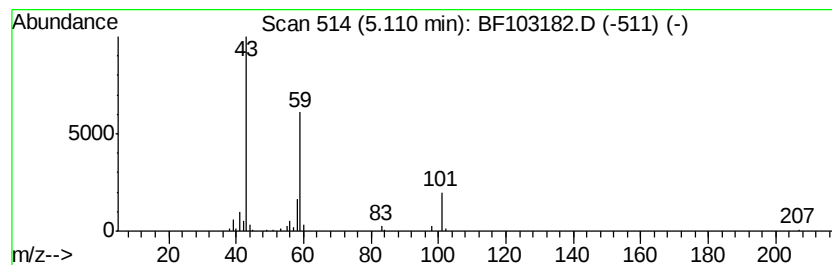
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.11 | 3.13 ng | 145602 | 1,4-Dichlorobenzene-d4 | 6.87 |

| Hit# of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|---------|---|------------------------------------|-----|----------|-------------|------|
| 1       |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2       |   | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2  | 000921-14-2 | 28   |
| 3       |   | 3-Hexanol, 4-methyl-               | 116 | C7H16O   | 000615-29-2 | 28   |
| 4       |   | Butyl aldoxime, 3-methyl-, syn-    | 101 | C5H11NO  | 005780-40-5 | 25   |
| 5       |   | Acetic acid, cyano-, 1,1-dimethyl- | 141 | C7H11NO2 | 001116-98-9 | 25   |



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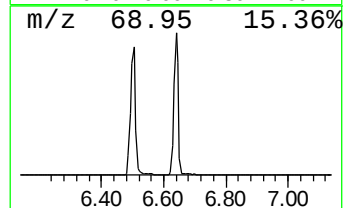
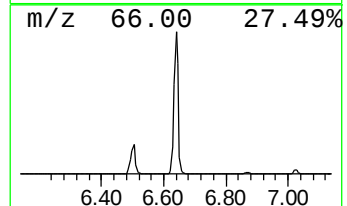
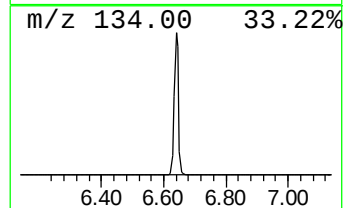
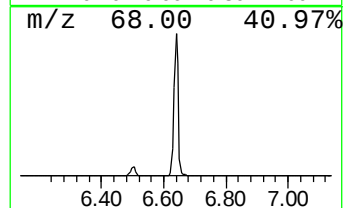
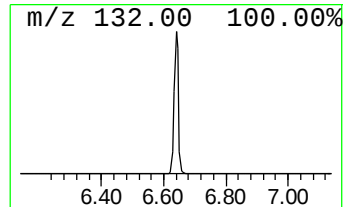
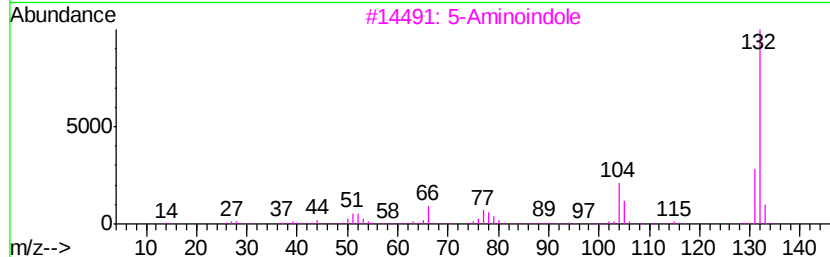
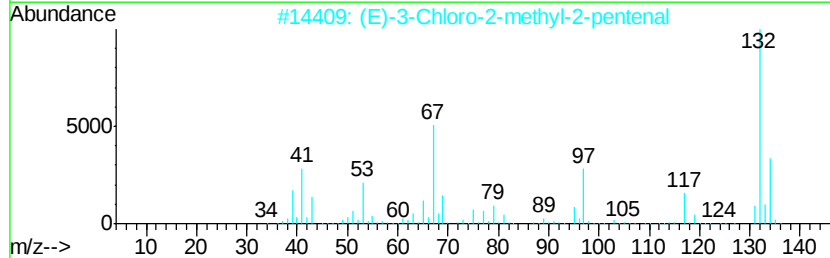
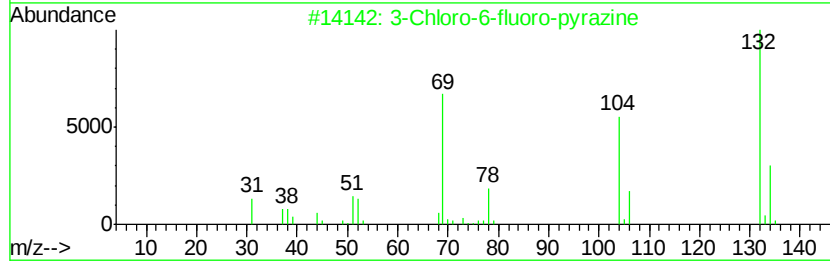
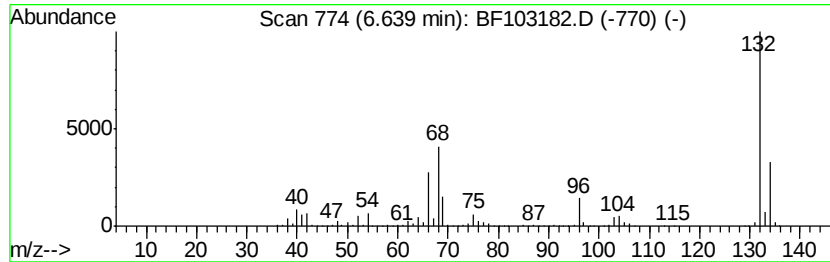
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown6.64 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.64 | 69.39 ng | 3233090 | 1,4-Dichlorobenzene-d4 | 6.87 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | 1-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-59-9  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.19 | 2.8     | ng    | 130260   | 1                     | 6.87 | 931818 | 20.0 |
| 2-Pentanone, 4-hy... | 5.11 | 3.1     | ng    | 145602   | 1                     | 6.87 | 931818 | 20.0 |
| unknown6.64          | 6.64 | 69.4    | ng    | 3233090  | 1                     | 6.87 | 931818 | 20.0 |