

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\  
 Data File : BG028646.D  
 Acq On : 11 Sep 2017 17:51  
 Operator : SJ/JU  
 Sample : I5167-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CPS043061

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\_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       | 311           | 316         | 323          | rBV      | 29475          | 43672         | 1.24%           | 0.304%        |
| 2         | 5.909       | 388           | 395         | 404          | rBV      | 186289         | 326677        | 9.29%           | 2.274%        |
| 3         | 7.489       | 657           | 664         | 677          | rBV      | 107758         | 219194        | 6.23%           | 1.526%        |
| 4         | 7.871       | 721           | 729         | 737          | rBV      | 347327         | 644089        | 18.31%          | 4.483%        |
| 5         | 8.336       | 800           | 808         | 821          | rVB      | 128894         | 227269        | 6.46%           | 1.582%        |
| 6         | 8.659       | 854           | 863         | 872          | rVB      | 479239         | 876399        | 24.91%          | 6.100%        |
| 7         | 9.505       | 998           | 1007        | 1018         | rBV      | 402918         | 762691        | 21.68%          | 5.309%        |
| 8         | 11.150      | 1279          | 1287        | 1297         | rBV      | 167902         | 315790        | 8.98%           | 2.198%        |
| 9         | 12.066      | 1433          | 1443        | 1455         | rBV      | 243686         | 524611        | 14.91%          | 3.652%        |
| 10        | 13.565      | 1688          | 1698        | 1707         | rBV      | 1298112        | 1967931       | 55.94%          | 13.698%       |
| 11        | 14.945      | 1923          | 1933        | 1940         | rBV2     | 289680         | 483076        | 13.73%          | 3.363%        |
| 12        | 15.656      | 2048          | 2054        | 2061         | rBV      | 542163         | 794820        | 22.59%          | 5.533%        |
| 13        | 16.438      | 2179          | 2187        | 2202         | rBV      | 724819         | 1193401       | 33.92%          | 8.307%        |
| 14        | 17.695      | 2395          | 2401        | 2409         | rVB      | 428605         | 657697        | 18.70%          | 4.578%        |
| 15        | 18.541      | 2539          | 2545        | 2556         | rBV4     | 26092          | 45786         | 1.30%           | 0.319%        |
| 16        | 19.804      | 2755          | 2760        | 2767         | rBV6     | 22140          | 37811         | 1.07%           | 0.263%        |
| 17        | 20.280      | 2835          | 2841        | 2850         | rBV      | 2728415        | 3517999       | 100.00%         | 24.488%       |
| 18        | 21.855      | 3104          | 3109        | 3116         | rVB      | 71545          | 108405        | 3.08%           | 0.755%        |
| 19        | 22.025      | 3131          | 3138        | 3146         | rVB      | 466072         | 823597        | 23.41%          | 5.733%        |
| 20        | 25.527      | 3723          | 3734        | 3745         | rVB2     | 250748         | 795174        | 22.60%          | 5.535%        |

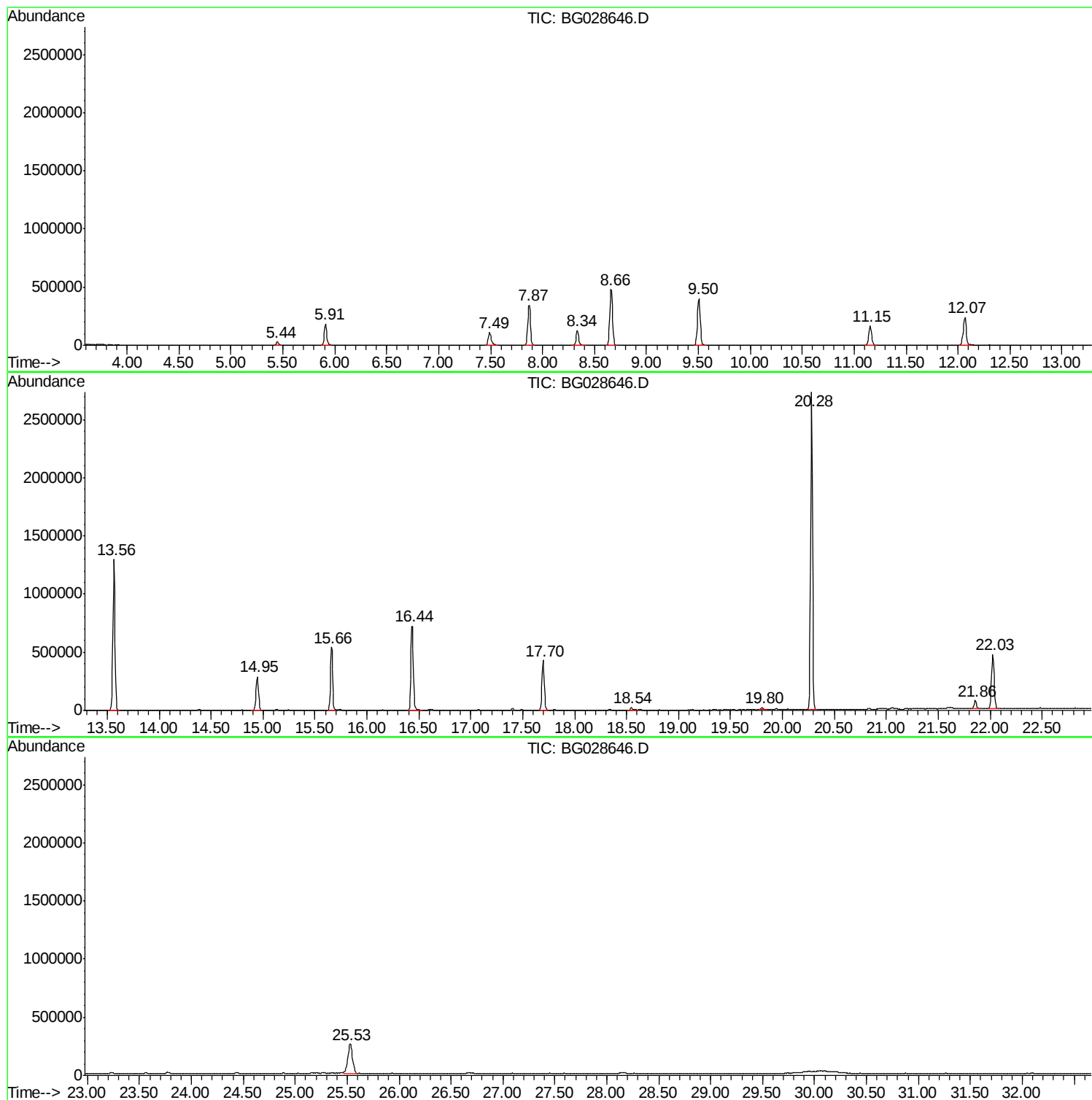
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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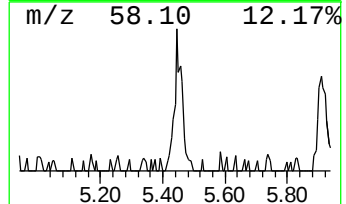
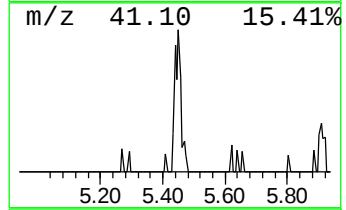
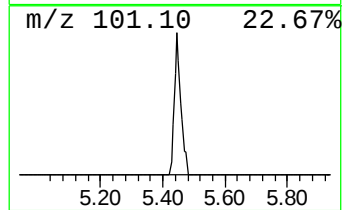
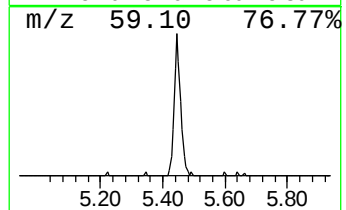
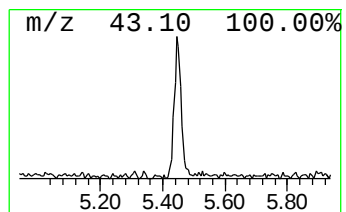
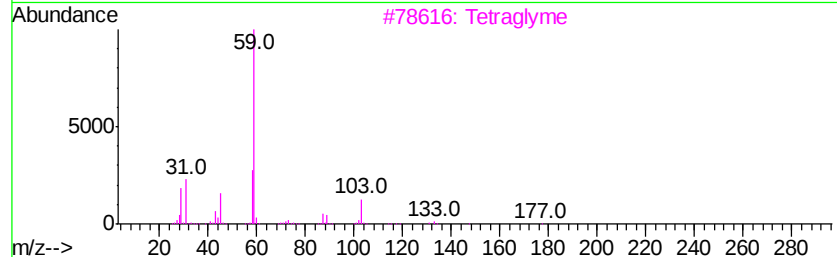
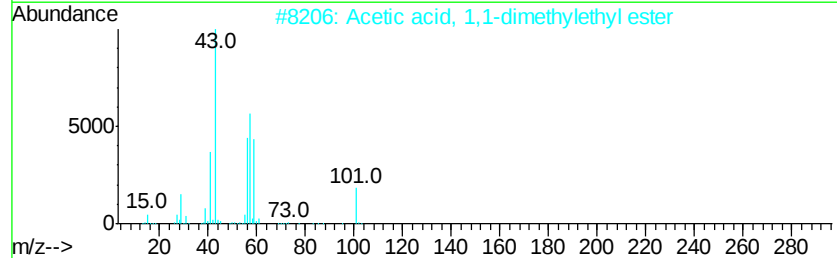
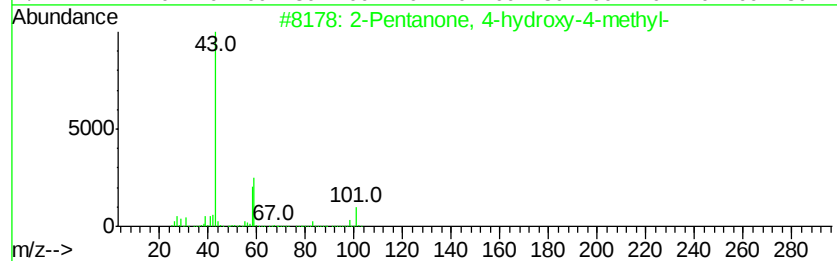
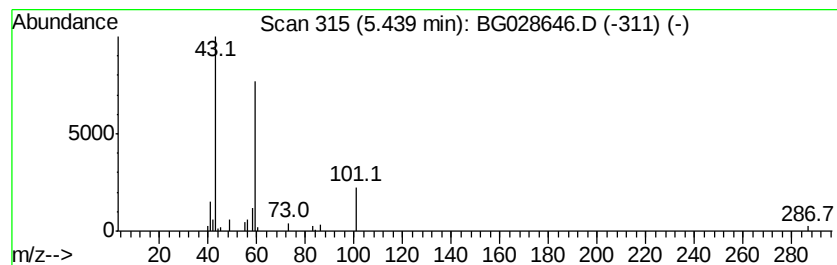
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.44 | 3.84 ng | 43672 | 1,4-Dichlorobenzene-d4 | 8.34 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 42   |
| 2    |      | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 36   |
| 3    |      | Tetradecane                         | 222 | C10H22O5 | 000143-24-8 | 28   |
| 4    |      | 3-Octanol                           | 130 | C8H18O   | 000589-98-0 | 28   |
| 5    |      | 2,5,8,11,14,17-Hexaoxaoctadecane    | 266 | C12H26O6 | 001191-87-3 | 25   |



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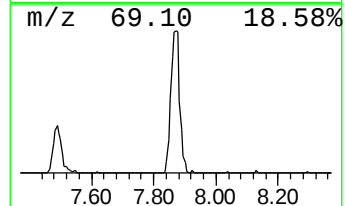
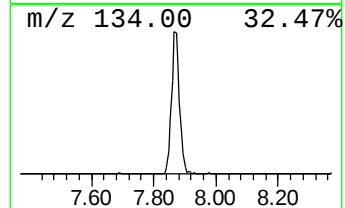
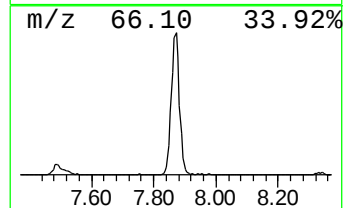
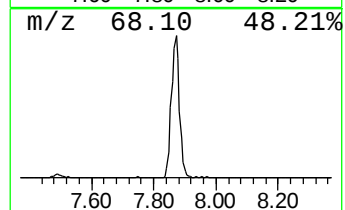
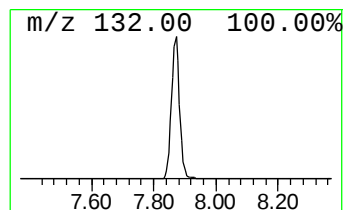
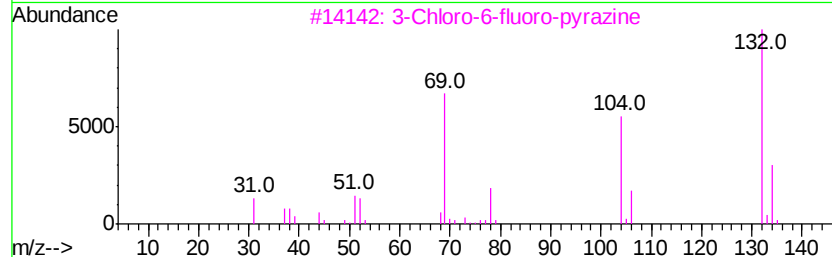
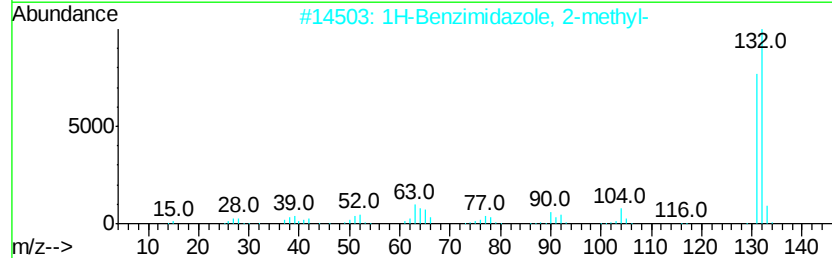
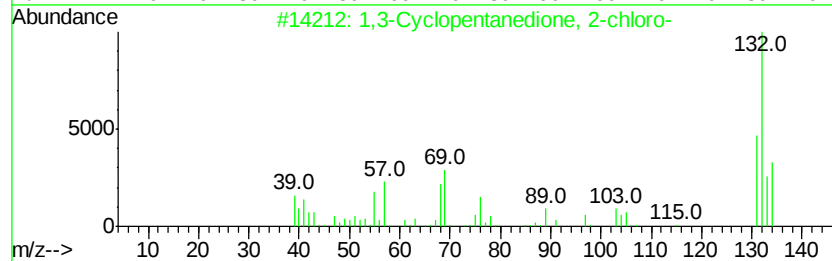
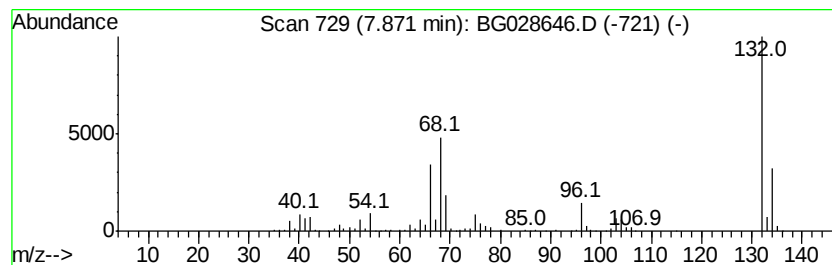
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Peak Number 2 unknown7.87 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.87 | 56.68 ng | 644089 | 1,4-Dichlorobenzene-d4 | 8.34 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|---|----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 38   |
| 2    |    |   | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 3    |    |   | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 4    |    |   | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    |   | Cyclopropanamine, 1-phenyl-      | 133 | C9H11N    | 1000351-26-2 | 10   |



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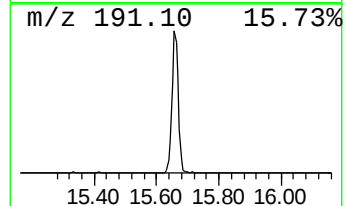
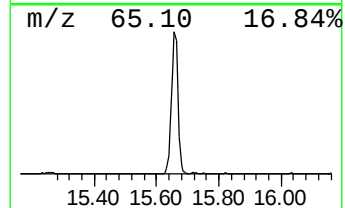
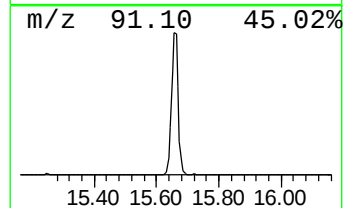
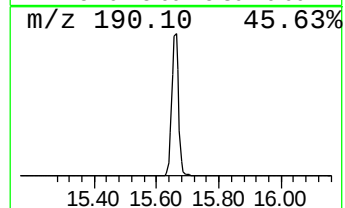
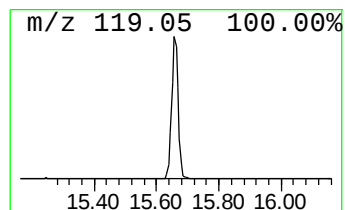
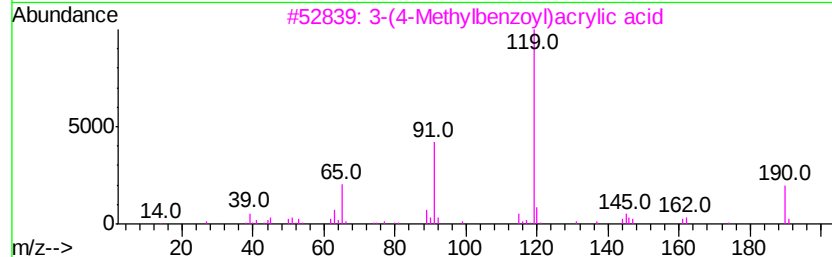
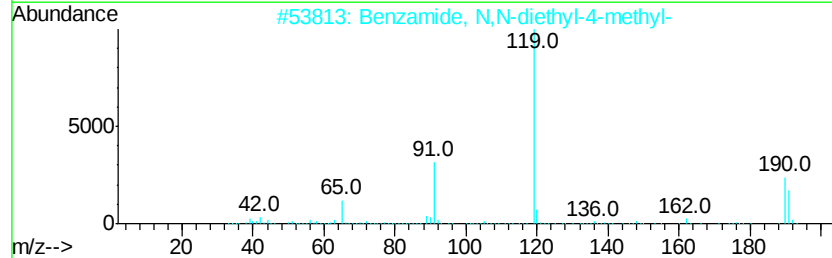
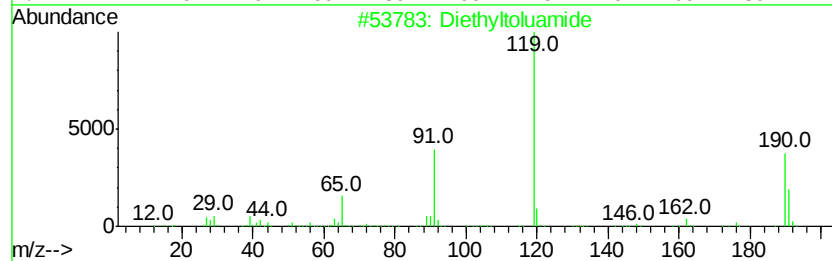
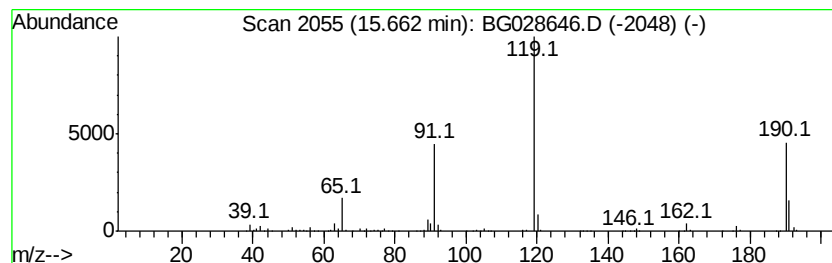
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Peak Number 4 Diethyltoluamide Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.66 | 32.91 ng | 794820 | Acenaphthene-d10 | 14.95 |

| Hit# | of | Tentative ID                        | MW  | MolForm      | CAS#        | Qual |
|------|----|-------------------------------------|-----|--------------|-------------|------|
| 1    | 5  | Diethyltoluamide                    | 191 | C12H17NO     | 000134-62-3 | 96   |
| 2    |    | Benzamide, N,N-diethyl-4-methyl-    | 191 | C12H17NO     | 002728-05-4 | 87   |
| 3    |    | 3-(4-Methylbenzoyl)acrylic acid     | 190 | C11H10O3     | 020972-36-5 | 78   |
| 4    |    | N-[1-(Dimethylamino)-2,2,2-trich... | 308 | C12H15Cl3N2O | 300814-41-9 | 53   |
| 5    |    | Benzoyl chloride, 3-methyl-         | 154 | C8H7ClO      | 001711-06-4 | 52   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.44  | 3.8     | ng    | 43672    | 1                     | 8.34  | 227269 | 20.0 |
| unknown7.87          | 7.87  | 56.7    | ng    | 644089   | 1                     | 8.34  | 227269 | 20.0 |
| Diethyltoluamide     | 15.66 | 32.9    | ng    | 794820   | 3                     | 14.95 | 483076 | 20.0 |