

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071315\  
 Data File : BF080441.D  
 Acq On : 13 Jul 2015 22:29  
 Operator : TP/UM  
 Sample : G2945-13  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PO-TEC

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-BF071015.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         | 2.155       | 4             | 6           | 14           | rBV      | 225803         | 346747        | 33.54%          | 5.502%        |
| 2         | 2.270       | 14            | 16          | 30           | rVB      | 368352         | 507538        | 49.10%          | 8.053%        |
| 3         | 5.356       | 283           | 286         | 295          | rBV      | 57754          | 92309         | 8.93%           | 1.465%        |
| 4         | 5.767       | 320           | 322         | 332          | rBB      | 231799         | 232170        | 22.46%          | 3.684%        |
| 5         | 6.144       | 354           | 355         | 359          | rBB      | 15095          | 22149         | 2.14%           | 0.351%        |
| 6         | 6.784       | 409           | 411         | 420          | rBB      | 89696          | 138988        | 13.45%          | 2.205%        |
| 7         | 6.910       | 420           | 422         | 425          | rBV      | 586938         | 478020        | 46.24%          | 7.585%        |
| 8         | 7.127       | 440           | 441         | 444          | rBB      | 99207          | 113645        | 10.99%          | 1.803%        |
| 9         | 7.287       | 453           | 455         | 458          | rBV      | 423043         | 426443        | 41.25%          | 6.766%        |
| 10        | 7.699       | 489           | 491         | 493          | rBV      | 466988         | 366396        | 35.44%          | 5.814%        |
| 11        | 8.419       | 552           | 554         | 557          | rBV      | 211458         | 169913        | 16.44%          | 2.696%        |
| 12        | 9.493       | 646           | 648         | 650          | rVB      | 1000932        | 775943        | 75.06%          | 12.312%       |
| 13        | 9.893       | 681           | 683         | 684          | rBV      | 17727          | 17948         | 1.74%           | 0.285%        |
| 14        | 10.179      | 706           | 708         | 710          | rVB      | 258277         | 207465        | 20.07%          | 3.292%        |
| 15        | 10.888      | 768           | 770         | 772          | rBB      | 16200          | 13594         | 1.32%           | 0.216%        |
| 16        | 10.968      | 775           | 777         | 780          | rBV      | 530418         | 454095        | 43.93%          | 7.205%        |
| 17        | 11.665      | 836           | 838         | 841          | rBB      | 184669         | 213239        | 20.63%          | 3.384%        |
| 18        | 12.168      | 880           | 882         | 885          | rBV      | 16168          | 18890         | 1.83%           | 0.300%        |
| 19        | 12.248      | 887           | 889         | 891          | rVB      | 22530          | 19861         | 1.92%           | 0.315%        |
| 20        | 13.299      | 979           | 981         | 983          | rBV      | 1188480        | 1033733       | 100.00%         | 16.402%       |
| 21        | 14.248      | 1063          | 1064        | 1066         | rBV      | 23270          | 28917         | 2.80%           | 0.459%        |
| 22        | 14.282      | 1066          | 1067        | 1071         | rVV      | 24354          | 35599         | 3.44%           | 0.565%        |
| 23        | 14.511      | 1084          | 1087        | 1089         | rBV      | 279644         | 280564        | 27.14%          | 4.452%        |
| 24        | 16.225      | 1234          | 1237        | 1240         | rBV      | 241105         | 308153        | 29.81%          | 4.890%        |

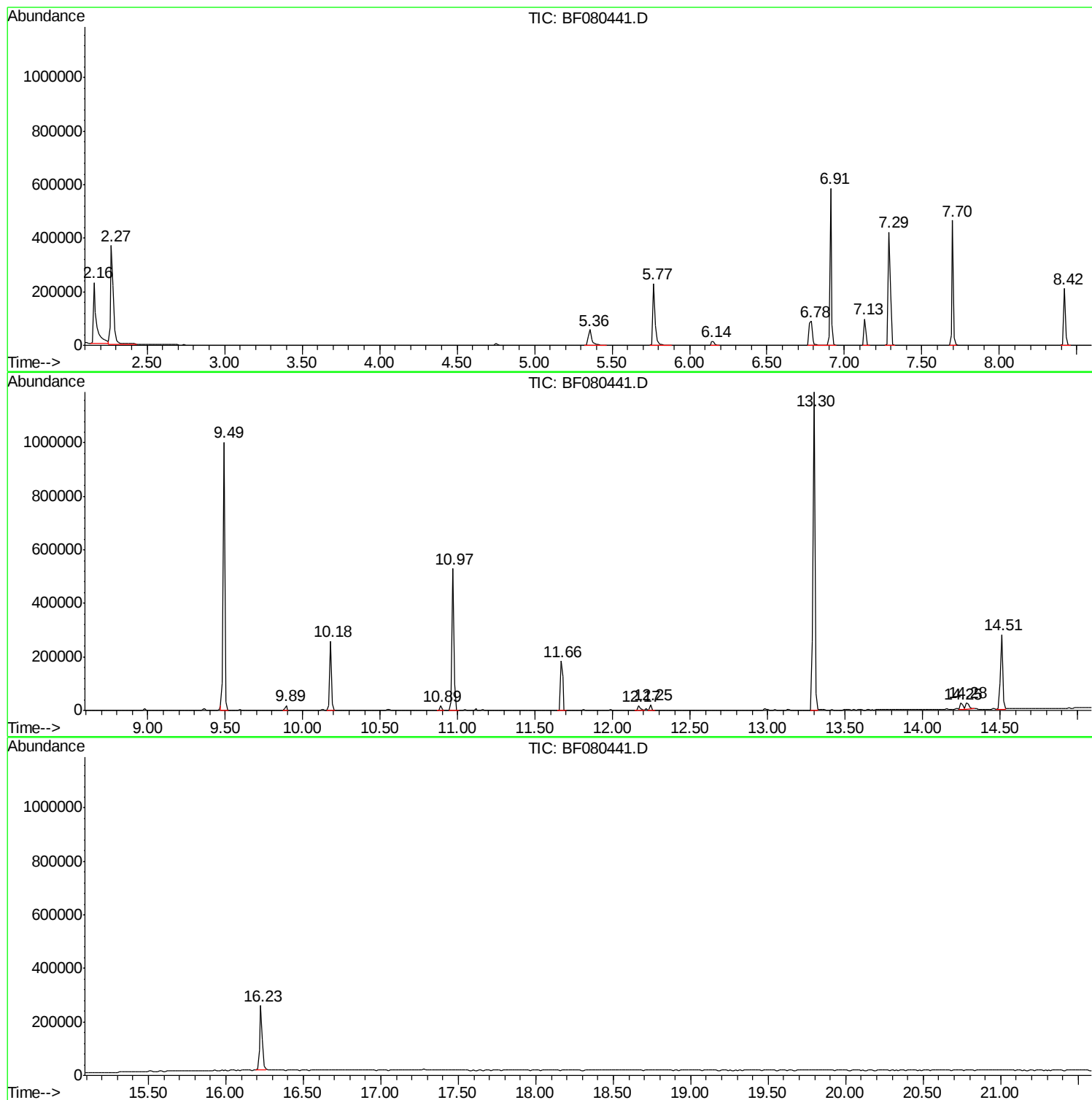
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PO-TEC

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.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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Instrument :  
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ClientSampleId :  
PO-TEC

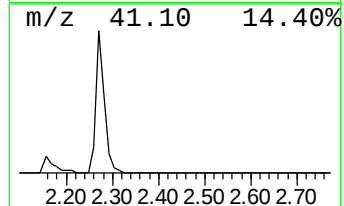
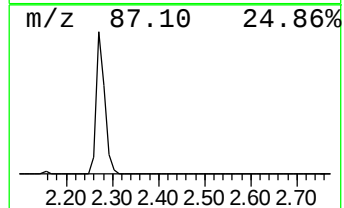
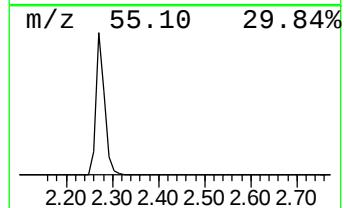
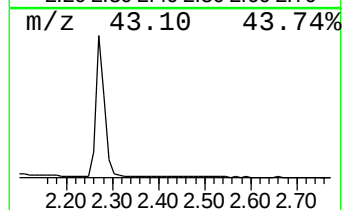
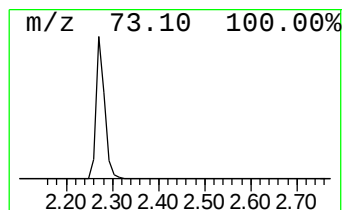
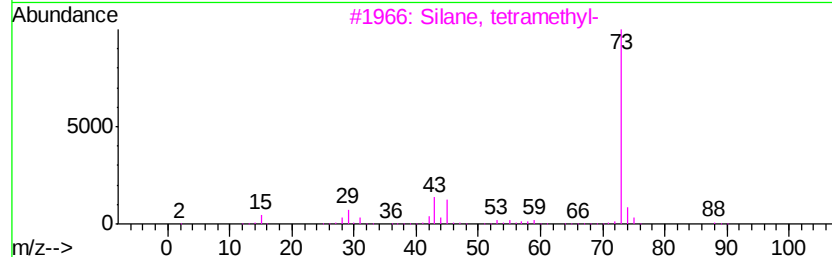
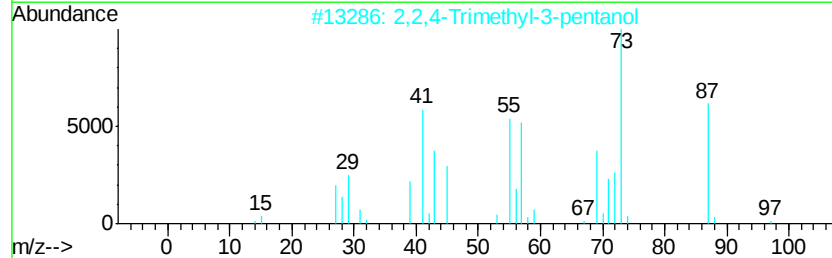
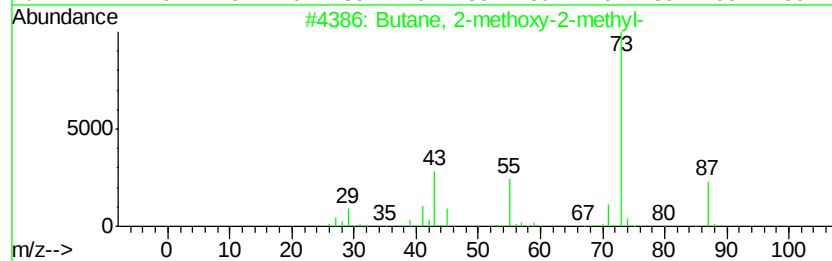
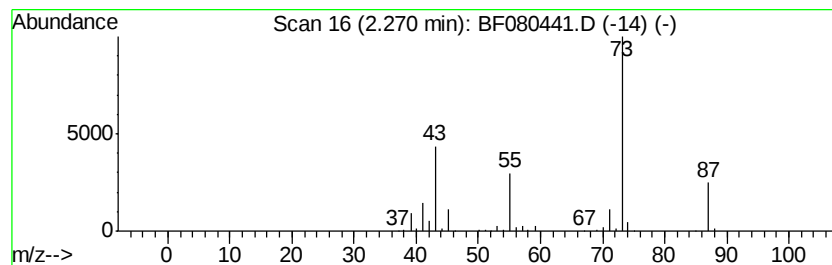
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.27 | 89.32 ng | 507538 | 1,4-Dichlorobenzene-d4 | 7.13 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 38   |
| 4    |    | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 5    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

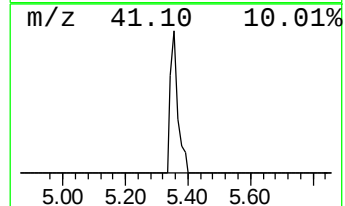
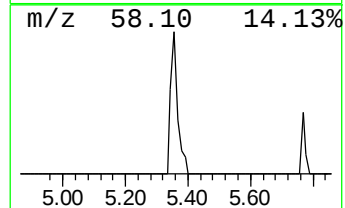
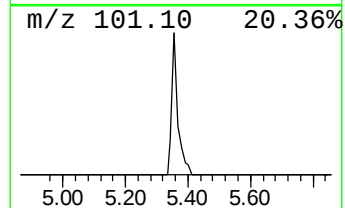
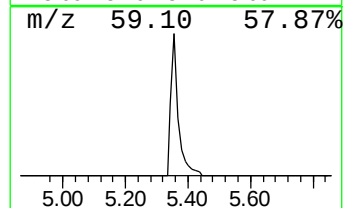
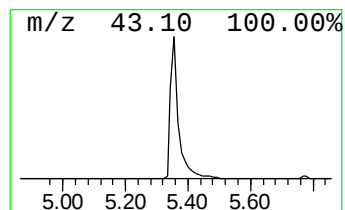
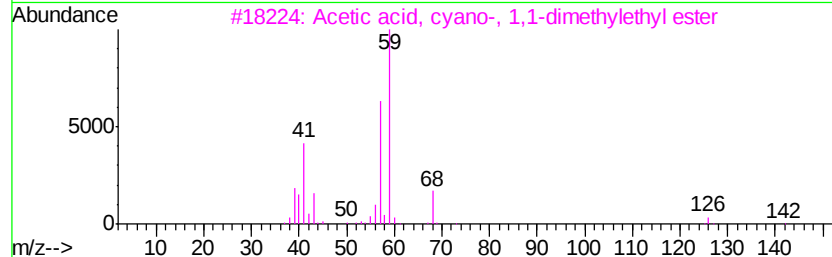
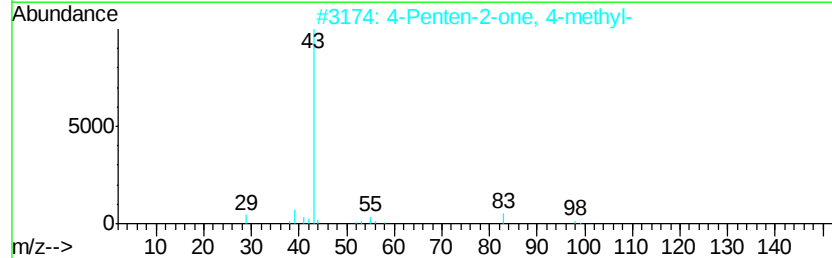
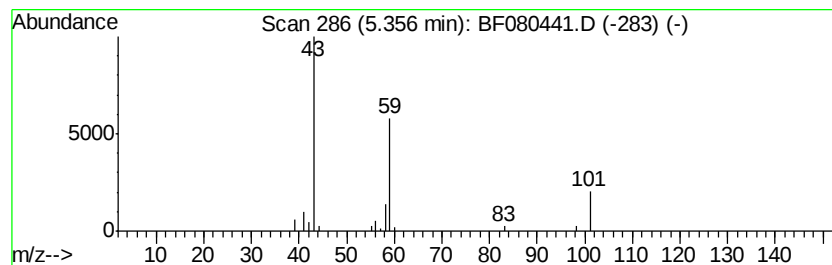
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc  | Area  | Relative to ISTD       | R.T. |
|------|----------|-------|------------------------|------|
| 5.36 | 16.25 ng | 92309 | 1,4-Dichlorobenzene-d4 | 7.13 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    | 4-Penten-2-one, 4-methyl-           | 98  | C6H10O   | 003744-02-3 | 9    |
| 3    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 9    |
| 4    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 9    |
| 5    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 9    |



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PO-TEC

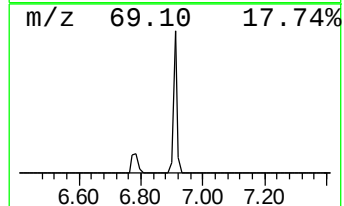
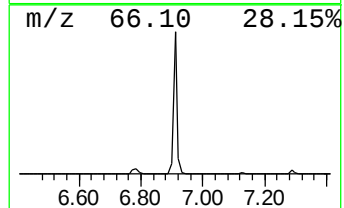
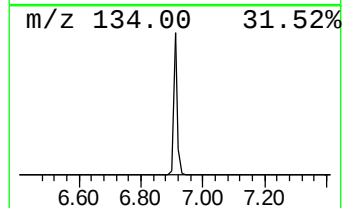
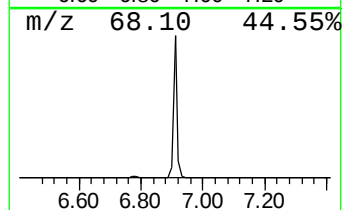
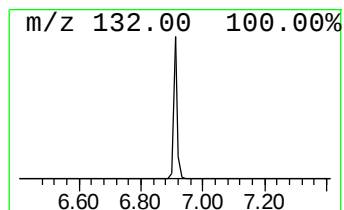
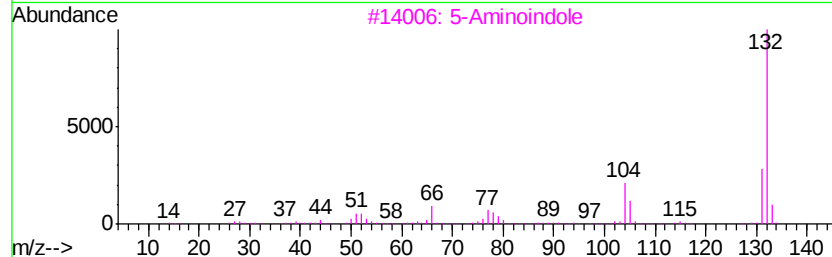
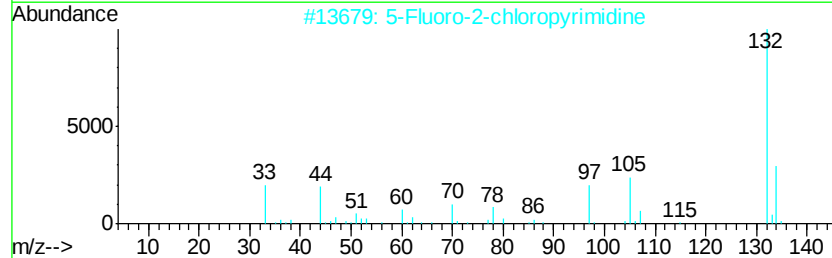
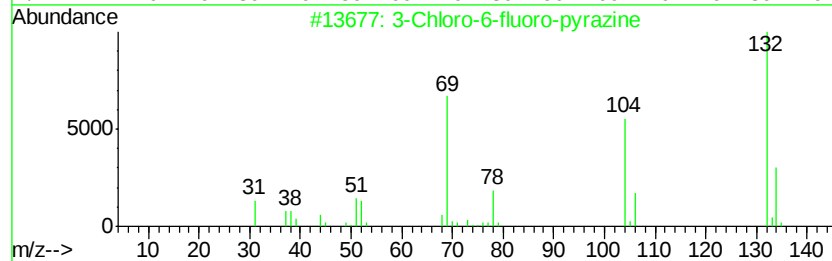
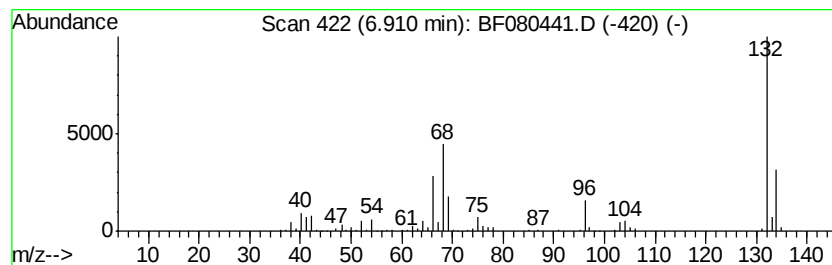
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 unknown6.91 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.91 | 84.13 ng | 478020 | 1,4-Dichlorobenzene-d4 | 7.13 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

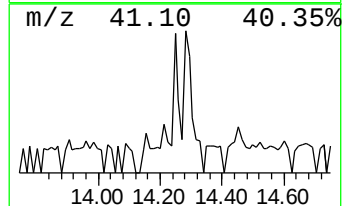
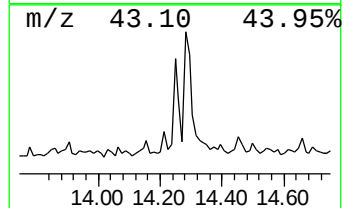
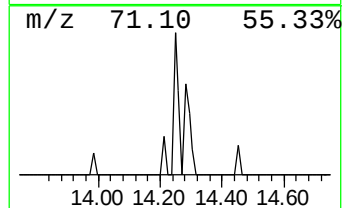
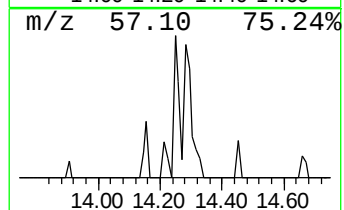
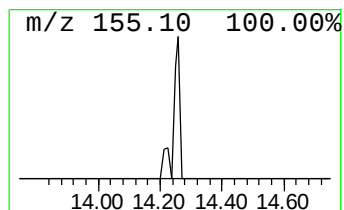
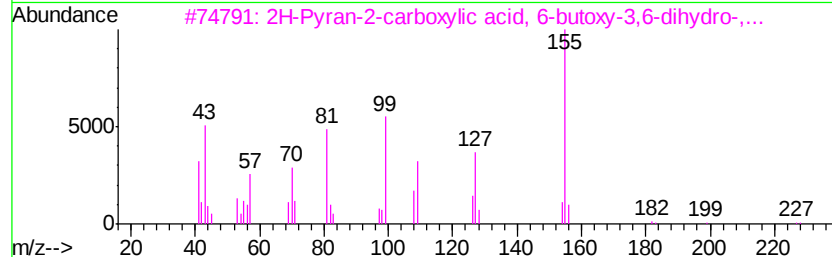
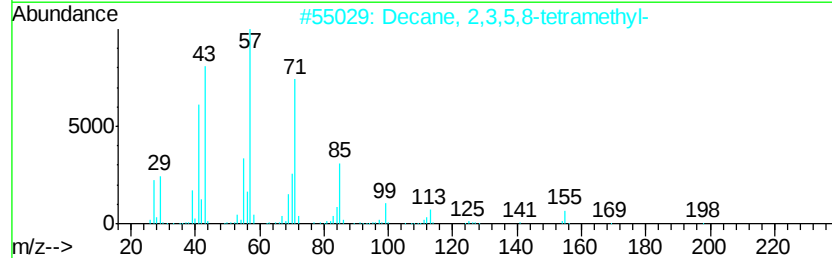
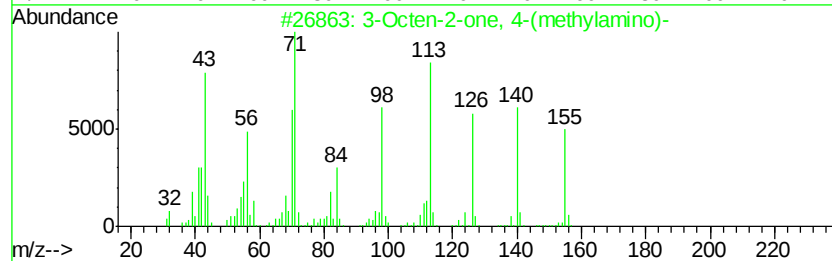
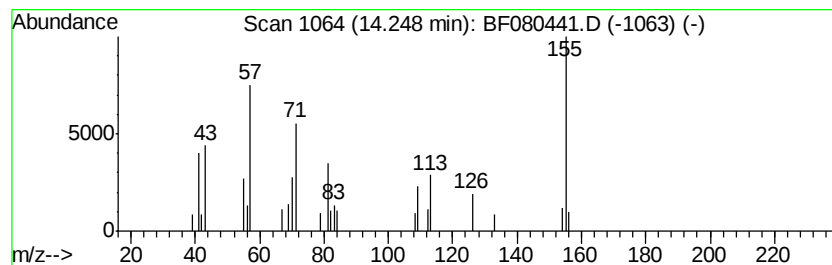
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 3-Octen-2-one, 4-(methylami... Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.25 | 2.06 ng | 28917 | Chrysene-d12     | 14.51 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 3-Octen-2-one, 4-(methylamino)-     | 155 | C9H17NO  | 024985-58-8 | 53   |
| 2    |    | Decane, 2,3,5,8-tetramethyl-        | 198 | C14H30   | 192823-15-7 | 43   |
| 3    |    | 2H-Pyran-2-carboxylic acid, 6-bu... | 228 | C12H20O4 | 026457-97-6 | 32   |
| 4    |    | 1,3,5-Triazin-2(1H)-one, 4,6-bis... | 155 | C5H9N5O  | 055702-52-8 | 32   |
| 5    |    | 4-Nitrocatechol                     | 155 | C6H5NO4  | 003316-09-4 | 25   |



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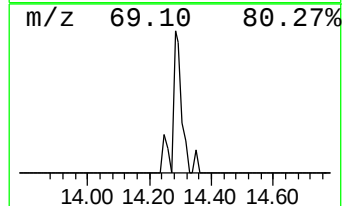
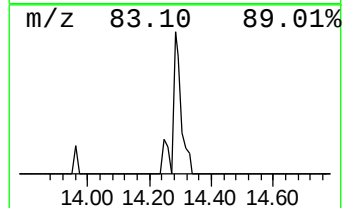
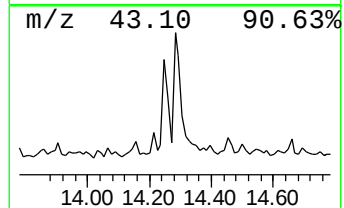
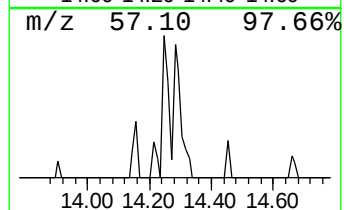
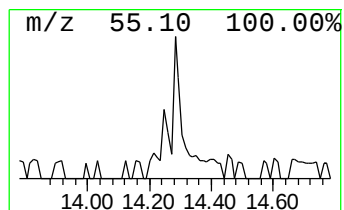
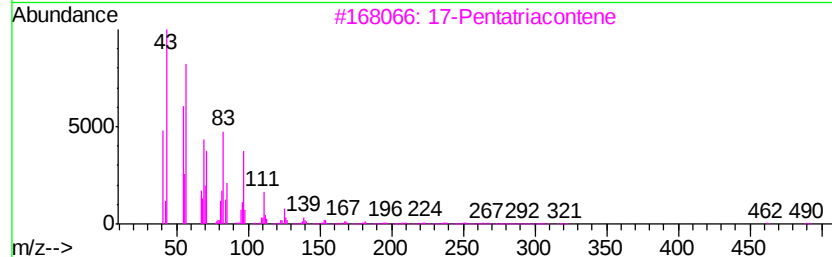
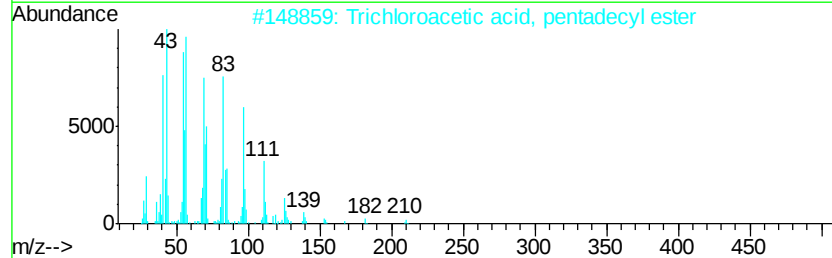
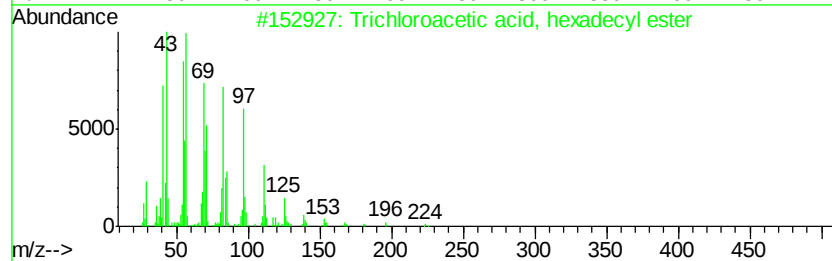
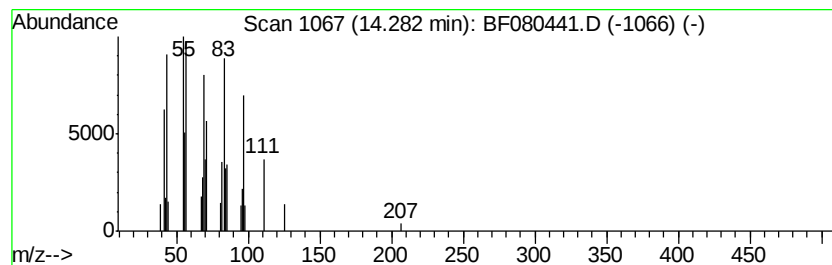
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.28 | 2.54 ng | 35599 | Chrysene-d12     | 14.51 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |
| 2    |    | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 91   |
| 3    |    | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0 | 91   |
| 4    |    | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2  | 006222-07-7 | 91   |
| 5    |    | 1-Heptadecanol                      | 256 | C17H36O     | 001454-85-9 | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071315\  
Data File : BF080441.D  
Acq On : 13 Jul 2015 22:29  
Operator : TP/UM  
Sample : G2945-13  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PO-TEC

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 2.27  | 89.3    | ng    | 507538   | 1                     | 7.13  | 113645 | 20.0 |
| 2-Pentanone, 4-hy... | 5.36  | 16.3    | ng    | 92309    | 1                     | 7.13  | 113645 | 20.0 |
| unknown6.91          | 6.91  | 84.1    | ng    | 478020   | 1                     | 7.13  | 113645 | 20.0 |
| 3-Octen-2-one, 4-... | 14.25 | 2.1     | ng    | 28917    | 5                     | 14.51 | 280564 | 20.0 |
| Trichloroacetic a... | 14.28 | 2.5     | ng    | 35599    | 5                     | 14.51 | 280564 | 20.0 |