

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
 Data File : BF077342.D  
 Acq On : 18 Feb 2015 5:03  
 Operator : TP/IZ  
 Sample : G1302-03  
 Misc : W  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FYMW-08A

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-BF021715.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         | 1.001       | 9             | 10          | 20           | rVB2     | 28110          | 42386         | 4.71%           | 0.425%        |
| 2         | 1.687       | 66            | 70          | 73           | rBV      | 428959         | 531237        | 59.08%          | 5.323%        |
| 3         | 1.870       | 83            | 86          | 89           | rBV      | 362380         | 510265        | 56.75%          | 5.113%        |
| 4         | 1.915       | 89            | 90          | 94           | rVV      | 29021          | 40023         | 4.45%           | 0.401%        |
| 5         | 4.487       | 311           | 315         | 320          | rVB2     | 5590           | 10339         | 1.15%           | 0.104%        |
| 6         | 4.613       | 324           | 326         | 330          | rVB      | 14637          | 20135         | 2.24%           | 0.202%        |
| 7         | 5.184       | 374           | 376         | 380          | rVB      | 32217          | 47665         | 5.30%           | 0.478%        |
| 8         | 5.664       | 413           | 418         | 420          | rBV      | 60317          | 64089         | 7.13%           | 0.642%        |
| 9         | 6.910       | 525           | 527         | 530          | rVB2     | 54759          | 86025         | 9.57%           | 0.862%        |
| 10        | 7.082       | 539           | 542         | 544          | rBV      | 119013         | 107343        | 11.94%          | 1.076%        |
| 11        | 7.379       | 566           | 568         | 570          | rVV      | 366251         | 349401        | 38.86%          | 3.501%        |
| 12        | 7.470       | 573           | 576         | 579          | rVB      | 6861           | 14282         | 1.59%           | 0.143%        |
| 13        | 7.562       | 582           | 584         | 586          | rVV      | 558378         | 505057        | 56.17%          | 5.061%        |
| 14        | 7.596       | 586           | 587         | 589          | rVV      | 113420         | 84501         | 9.40%           | 0.847%        |
| 15        | 7.687       | 593           | 595         | 597          | rVV      | 27918          | 24074         | 2.68%           | 0.241%        |
| 16        | 7.802       | 601           | 605         | 607          | rVV2     | 11829          | 25186         | 2.80%           | 0.252%        |
| 17        | 8.042       | 623           | 626         | 627          | rBV      | 88491          | 134359        | 14.94%          | 1.346%        |
| 18        | 8.064       | 627           | 628         | 631          | rVB2     | 413887         | 366031        | 40.71%          | 3.668%        |
| 19        | 8.327       | 649           | 651         | 655          | rVB2     | 71777          | 76297         | 8.49%           | 0.765%        |
| 20        | 8.556       | 666           | 671         | 673          | rBV      | 37152          | 40951         | 4.55%           | 0.410%        |
| 21        | 8.636       | 675           | 678         | 681          | rBV      | 35039          | 40092         | 4.46%           | 0.402%        |
| 22        | 8.956       | 703           | 706         | 708          | rBV      | 545576         | 507531        | 56.45%          | 5.086%        |
| 23        | 8.990       | 708           | 709         | 710          | rVB      | 19456          | 13347         | 1.48%           | 0.134%        |
| 24        | 9.025       | 710           | 712         | 713          | rVB      | 14178          | 14123         | 1.57%           | 0.142%        |
| 25        | 9.653       | 765           | 767         | 769          | rBV      | 62046          | 86237         | 9.59%           | 0.864%        |
| 26        | 10.305      | 821           | 824         | 826          | rVB      | 637961         | 775994        | 86.31%          | 7.776%        |
| 27        | 10.465      | 836           | 838         | 840          | rBV      | 55197          | 50888         | 5.66%           | 0.510%        |
| 28        | 10.808      | 866           | 868         | 870          | rBV      | 83539          | 104697        | 11.64%          | 1.049%        |
| 29        | 11.082      | 890           | 892         | 894          | rVB      | 11260          | 11511         | 1.28%           | 0.115%        |
| 30        | 11.128      | 894           | 896         | 899          | rBV      | 469615         | 534823        | 59.48%          | 5.359%        |
| 31        | 11.276      | 906           | 909         | 911          | rBV2     | 10142          | 18002         | 2.00%           | 0.180%        |
| 32        | 11.311      | 911           | 912         | 914          | rVV      | 19286          | 18154         | 2.02%           | 0.182%        |
| 33        | 11.368      | 914           | 917         | 920          | rVB2     | 4835           | 11160         | 1.24%           | 0.112%        |
| 34        | 11.653      | 940           | 942         | 945          | rBV2     | 33596          | 40267         | 4.48%           | 0.404%        |

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 ClientSampleId :  
 FYMW-08A

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-BF021715.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 35 | 11.711 | 945  | 947  | 949  | rVB  | 18375  | 16303  | 1.81%   | 0.163% |
| 36 | 11.813 | 954  | 956  | 958  | rVV  | 15023  | 13795  | 1.53%   | 0.138% |
| 37 | 12.031 | 972  | 975  | 979  | rBV  | 319888 | 288514 | 32.09%  | 2.891% |
| 38 | 12.111 | 979  | 982  | 984  | rVB  | 62583  | 62203  | 6.92%   | 0.623% |
| 39 | 12.179 | 986  | 988  | 992  | rBV2 | 7355   | 12187  | 1.36%   | 0.122% |
| 40 | 12.305 | 997  | 999  | 1006 | rBV2 | 6927   | 11629  | 1.29%   | 0.117% |
| 41 | 12.499 | 1014 | 1016 | 1018 | rVB  | 17545  | 23794  | 2.65%   | 0.238% |
| 42 | 12.556 | 1018 | 1021 | 1023 | rBV  | 108270 | 139348 | 15.50%  | 1.396% |
| 43 | 12.614 | 1023 | 1026 | 1029 | rVB  | 23842  | 45789  | 5.09%   | 0.459% |
| 44 | 12.865 | 1046 | 1048 | 1049 | rBV  | 11343  | 10384  | 1.15%   | 0.104% |
| 45 | 12.922 | 1049 | 1053 | 1055 | rVB  | 37114  | 33471  | 3.72%   | 0.335% |
| 46 | 12.979 | 1055 | 1058 | 1059 | rBV  | 619593 | 588293 | 65.43%  | 5.895% |
| 47 | 13.002 | 1059 | 1060 | 1062 | rVV  | 57007  | 60339  | 6.71%   | 0.605% |
| 48 | 13.094 | 1066 | 1068 | 1071 | rVB  | 9366   | 9410   | 1.05%   | 0.094% |
| 49 | 13.231 | 1077 | 1080 | 1084 | rVB  | 60819  | 86525  | 9.62%   | 0.867% |
| 50 | 13.311 | 1084 | 1087 | 1089 | rBV  | 9680   | 10065  | 1.12%   | 0.101% |
| 51 | 13.688 | 1118 | 1120 | 1122 | rBV  | 42993  | 49301  | 5.48%   | 0.494% |
| 52 | 13.974 | 1144 | 1145 | 1147 | rBV  | 15160  | 13858  | 1.54%   | 0.139% |
| 53 | 14.545 | 1191 | 1195 | 1196 | rBV2 | 8999   | 11773  | 1.31%   | 0.118% |
| 54 | 14.568 | 1196 | 1197 | 1201 | rVB3 | 4898   | 9780   | 1.09%   | 0.098% |
| 55 | 14.671 | 1204 | 1206 | 1210 | rBV2 | 14309  | 21430  | 2.38%   | 0.215% |
| 56 | 14.785 | 1213 | 1216 | 1221 | rBV2 | 48580  | 72590  | 8.07%   | 0.727% |
| 57 | 14.865 | 1221 | 1223 | 1224 | rBV  | 10301  | 10918  | 1.21%   | 0.109% |
| 58 | 14.979 | 1230 | 1233 | 1235 | rBV  | 741725 | 899109 | 100.00% | 9.010% |
| 59 | 15.277 | 1257 | 1259 | 1261 | rBV2 | 10654  | 14905  | 1.66%   | 0.149% |
| 60 | 15.459 | 1272 | 1275 | 1278 | rBV3 | 5017   | 14641  | 1.63%   | 0.147% |
| 61 | 15.711 | 1292 | 1297 | 1298 | rBV2 | 44330  | 60650  | 6.75%   | 0.608% |
| 62 | 16.145 | 1332 | 1335 | 1344 | rBV  | 416288 | 527592 | 58.68%  | 5.287% |
| 63 | 16.271 | 1344 | 1346 | 1349 | rVV  | 441124 | 614817 | 68.38%  | 6.161% |
| 64 | 16.317 | 1349 | 1350 | 1352 | rVB  | 11426  | 10776  | 1.20%   | 0.108% |
| 65 | 16.568 | 1369 | 1372 | 1377 | rBV  | 17722  | 27921  | 3.11%   | 0.280% |
| 66 | 16.968 | 1405 | 1407 | 1412 | rBV  | 27115  | 44428  | 4.94%   | 0.445% |
| 67 | 17.368 | 1440 | 1442 | 1447 | rBV  | 15415  | 24917  | 2.77%   | 0.250% |
| 68 | 17.448 | 1447 | 1449 | 1452 | rVB  | 9484   | 12143  | 1.35%   | 0.122% |
| 69 | 17.768 | 1474 | 1477 | 1483 | rBV  | 18166  | 31342  | 3.49%   | 0.314% |
| 70 | 18.043 | 1498 | 1501 | 1504 | rBV  | 481812 | 590954 | 65.73%  | 5.922% |
| 71 | 18.180 | 1511 | 1513 | 1520 | rVB2 | 12275  | 17176  | 1.91%   | 0.172% |

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Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

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-BF021715.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 72 | 18.648 | 1551 | 1554 | 1556 | rBV2 | 15556 | 23582 | 2.62% | 0.236% |
| 73 | 18.694 | 1556 | 1558 | 1562 | rVV  | 42607 | 69129 | 7.69% | 0.693% |
| 74 | 19.014 | 1583 | 1586 | 1589 | rBV5 | 5886  | 11881 | 1.32% | 0.119% |
| 75 | 19.186 | 1598 | 1601 | 1606 | rVB5 | 9339  | 22827 | 2.54% | 0.229% |
| 76 | 19.894 | 1660 | 1663 | 1666 | rBV5 | 13620 | 34849 | 3.88% | 0.349% |
| 77 | 20.226 | 1689 | 1692 | 1695 | rBV5 | 7022  | 17518 | 1.95% | 0.176% |

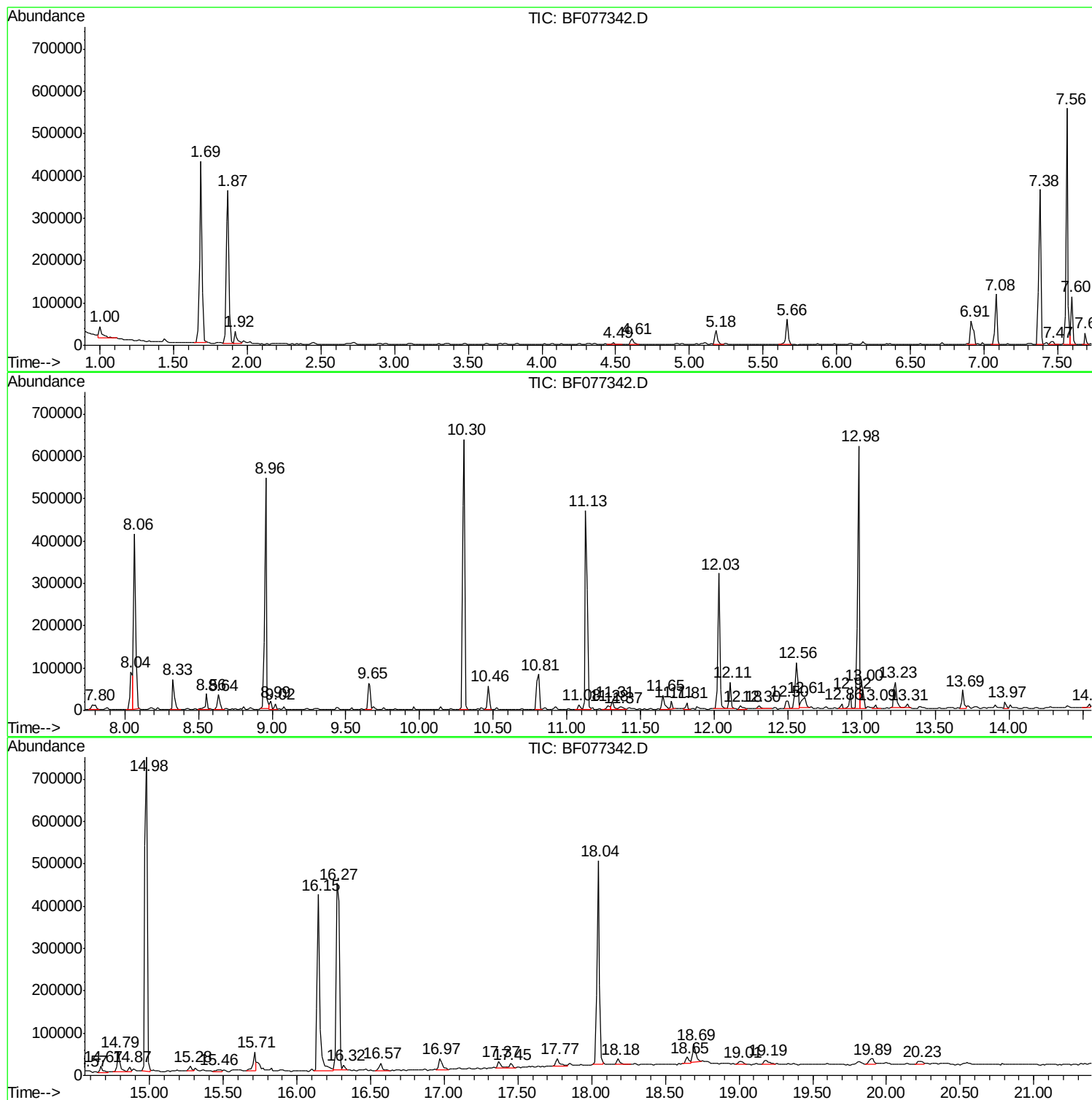
Sum of corrected areas: 9979328

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
Acq On : 18 Feb 2015 5:03  
Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.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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Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

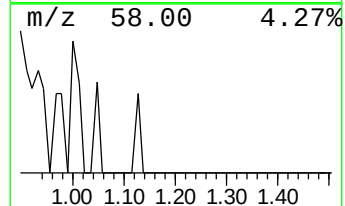
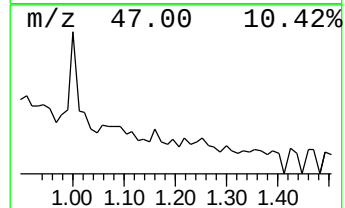
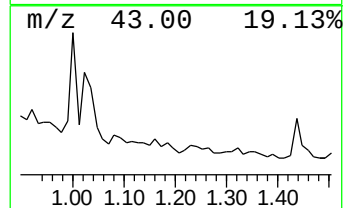
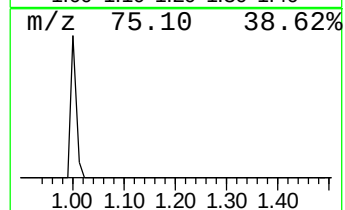
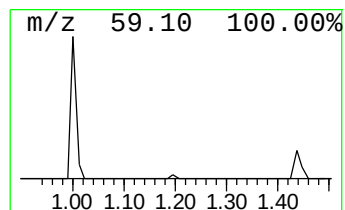
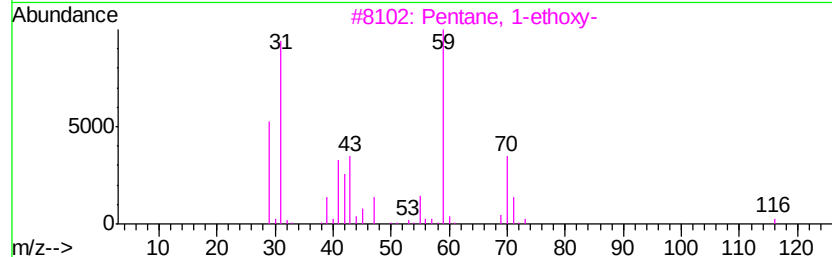
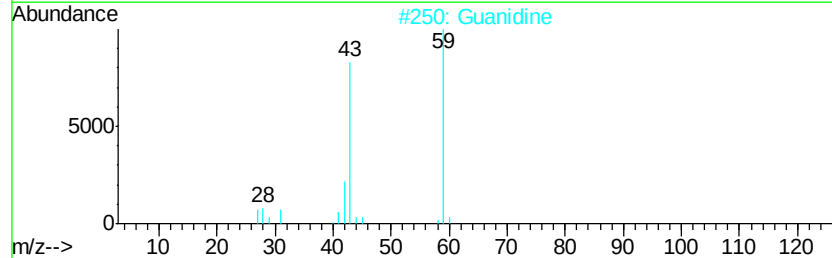
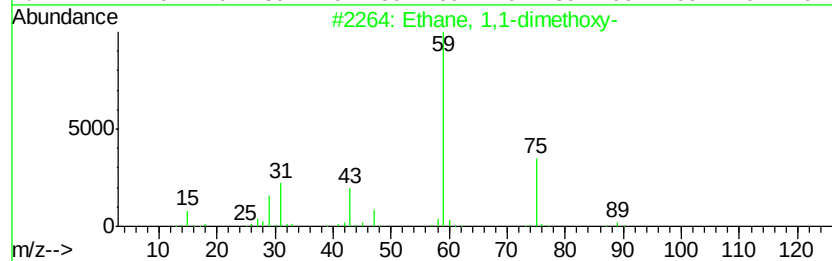
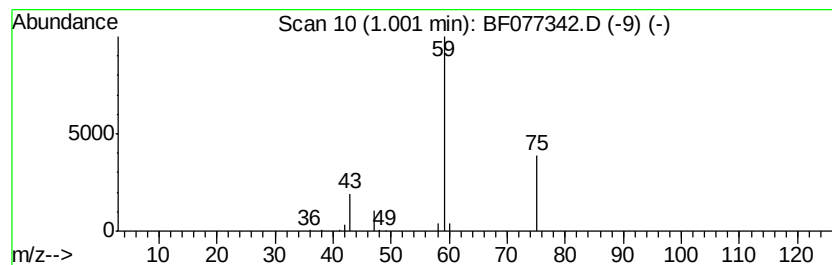
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Ethane, 1,1-dimethoxy- Concentration Rank 13

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 1.00 | 2.43 ng | 42386 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethane, 1,1-dimethoxy- | 90  | C4H10O2 | 000534-15-6 | 83   |
| 2    |    |   | Guanidine              | 59  | CH5N3   | 000113-00-8 | 5    |
| 3    |    |   | Pentane, 1-ethoxy-     | 116 | C7H16O  | 017952-11-3 | 4    |
| 4    |    |   | Propylamine            | 59  | C3H9N   | 000107-10-8 | 4    |
| 5    |    |   | 2-Butanol, 1-methoxy-  | 104 | C5H12O2 | 053778-73-7 | 4    |



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Instrument :  
BNA\_F  
ClientSampleId :  
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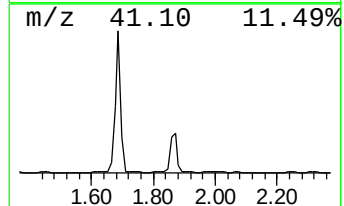
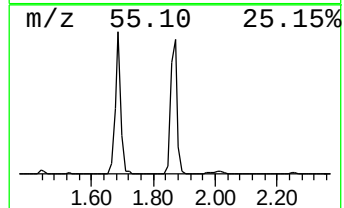
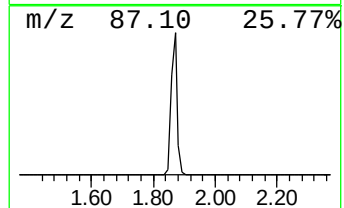
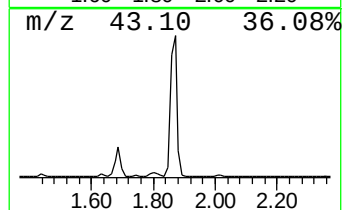
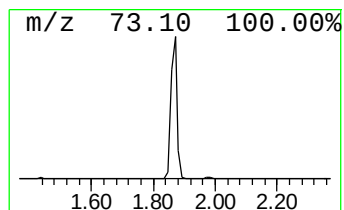
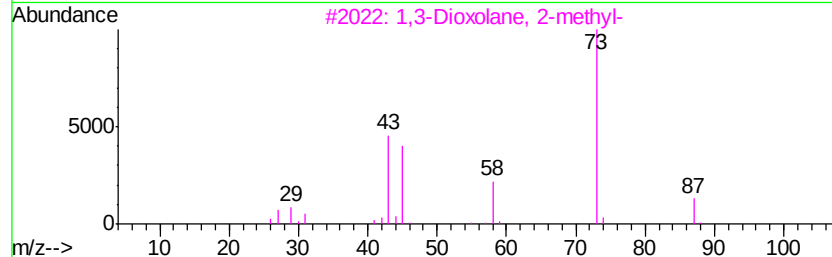
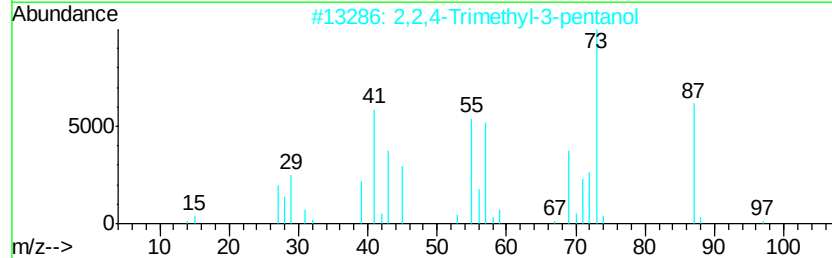
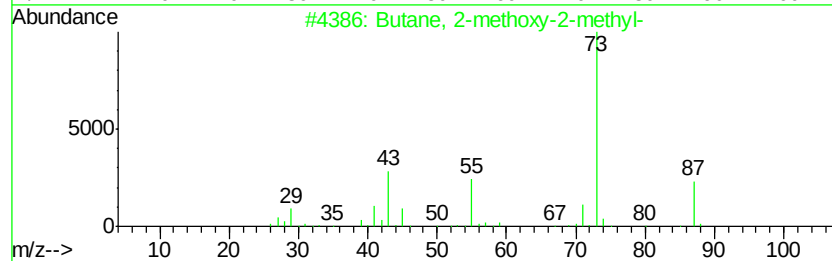
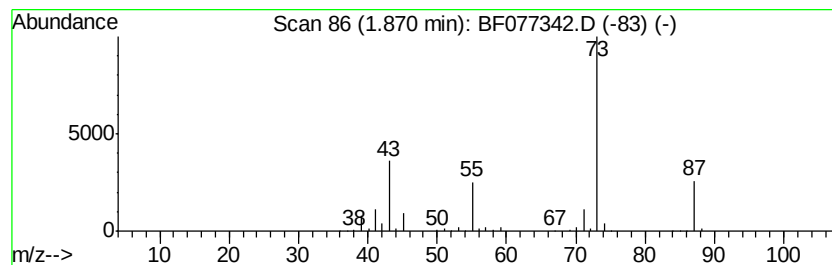
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 1.87 | 29.21 ng | 510265 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

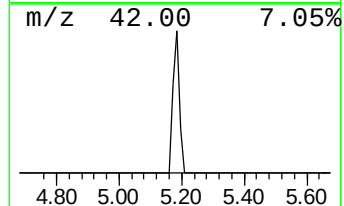
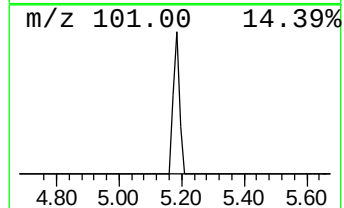
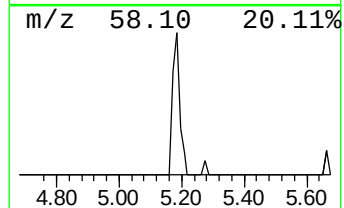
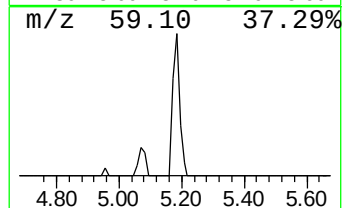
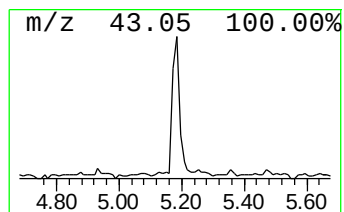
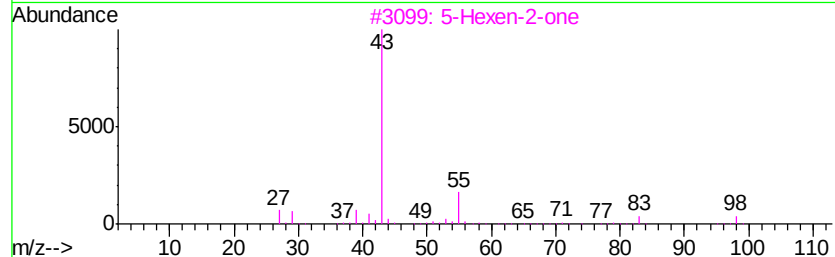
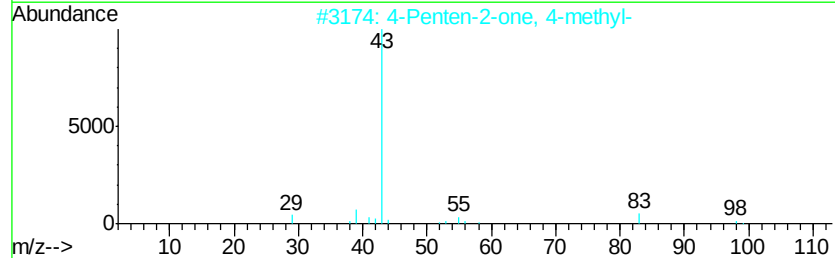
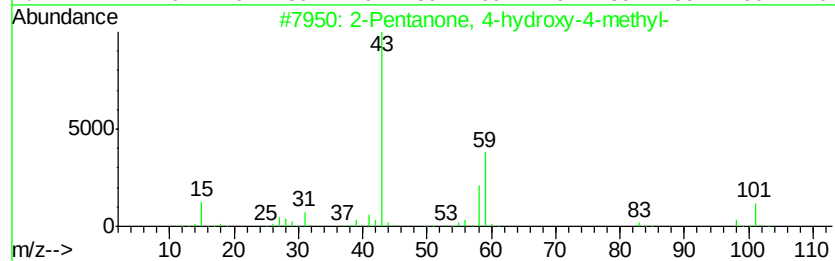
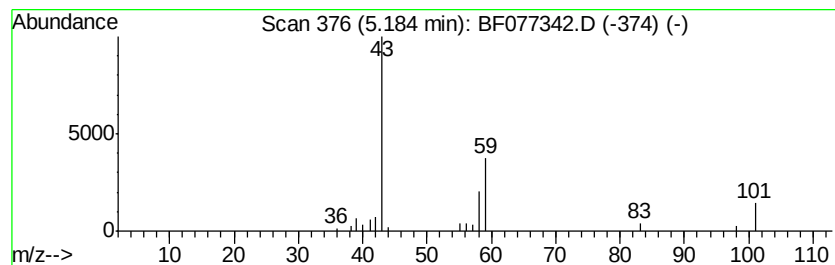
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.18 | 2.73 ng | 47665 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 78      |      |      |
| 2    | 4-Penten-2-one, 4-methyl-           | 98  | C6H10O       | 003744-02-3 | 12      |      |      |
| 3    | 5-Hexen-2-one                       | 98  | C6H10O       | 000109-49-9 | 9       |      |      |
| 4    | Acetone                             | 58  | C3H6O        | 000067-64-1 | 9       |      |      |
| 5    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2      | 000540-88-5 | 9       |      |      |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
Acq On : 18 Feb 2015 5:03  
Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

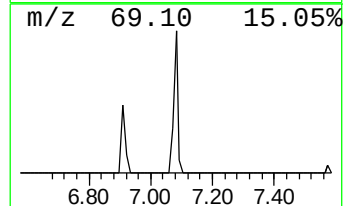
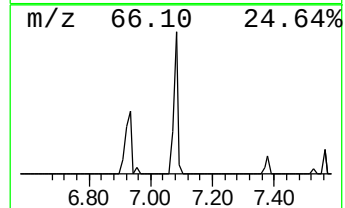
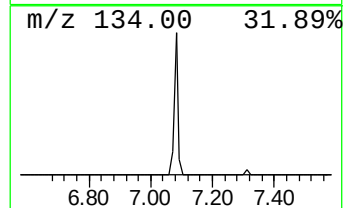
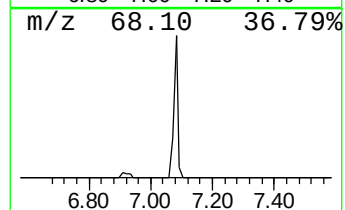
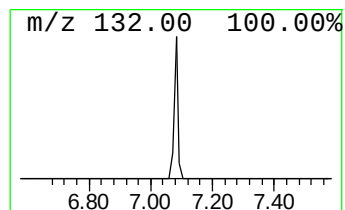
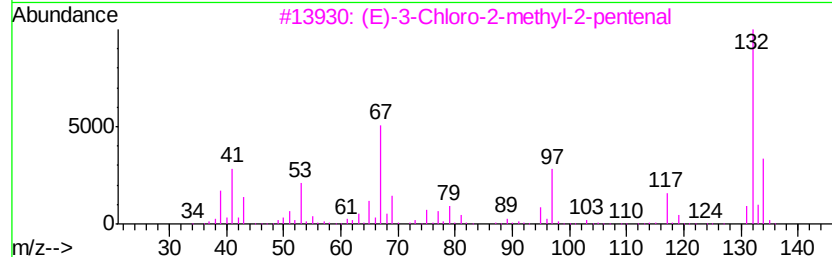
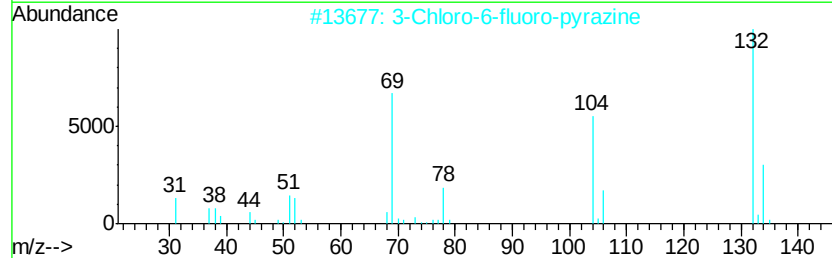
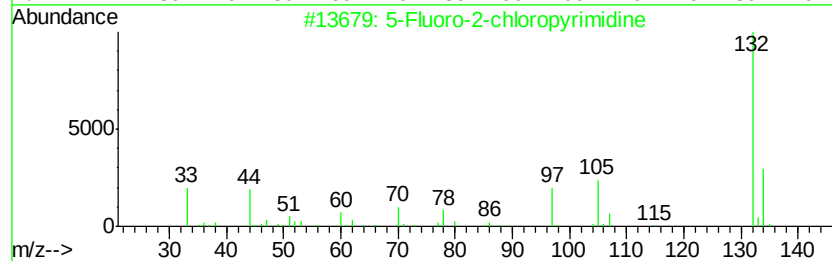
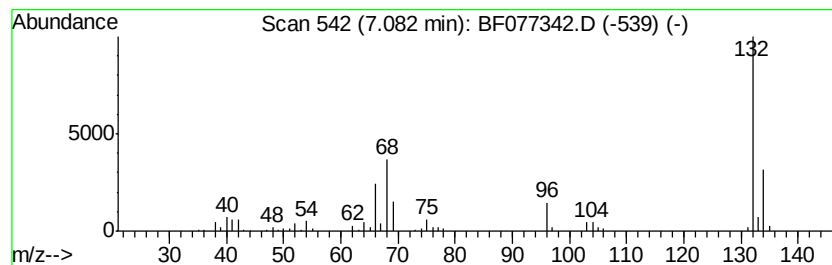
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 unknown7.08 Concentration Rank 6

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 7.08 | 6.14 ng | 107343 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 35   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 3    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 4    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 10   |
| 5    |    | 1-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-59-9  | 9    |





Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
Acq On : 18 Feb 2015 5:03  
Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

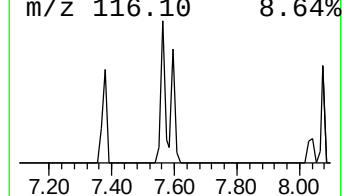
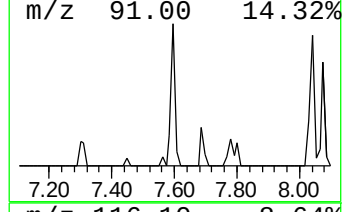
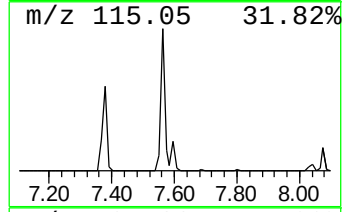
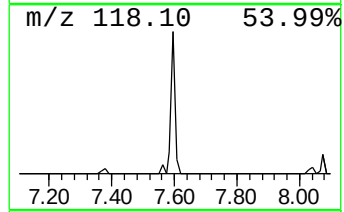
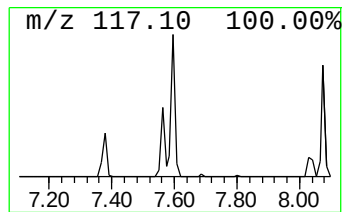
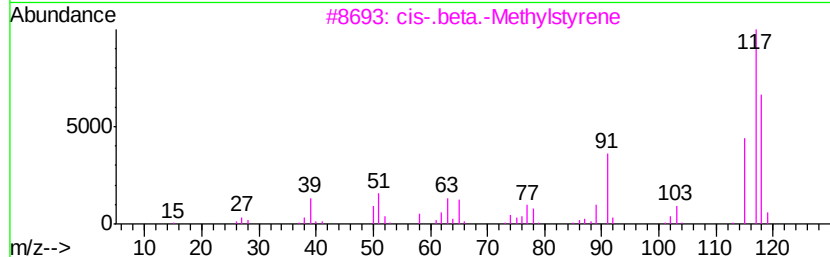
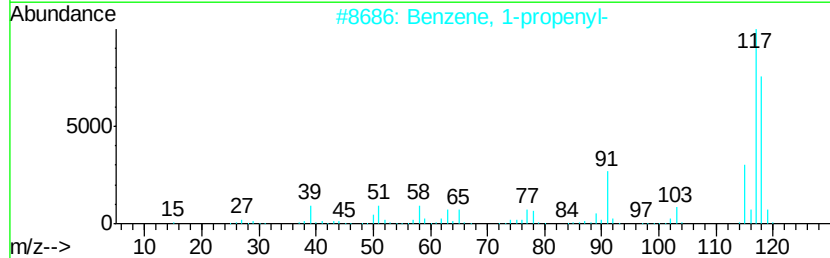
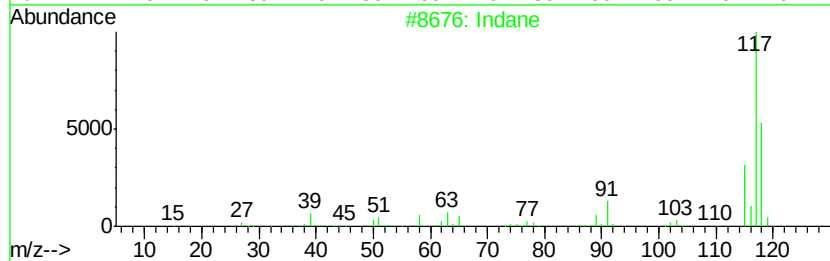
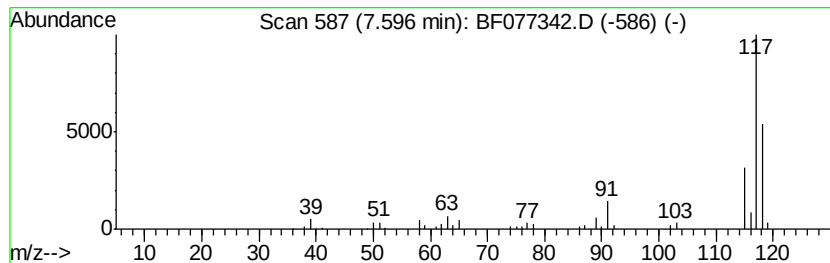
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Indane Concentration Rank 7

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 7.60 | 4.84 ng | 84501 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# of | 5                              | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|--------------------------------|--------------|-----|---------|-------------|------|
| 1       | Indane                         |              | 118 | C9H10   | 000496-11-7 | 93   |
| 2       | Benzene, 1-propenyl-           |              | 118 | C9H10   | 000637-50-3 | 74   |
| 3       | cis-.beta.-Methylstyrene       |              | 118 | C9H10   | 000766-90-5 | 74   |
| 4       | Benzene, cyclopropyl-          |              | 118 | C9H10   | 000873-49-4 | 74   |
| 5       | Benzene, (2-bromocyclopropyl)- |              | 196 | C9H9Br  | 036617-02-4 | 59   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
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Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

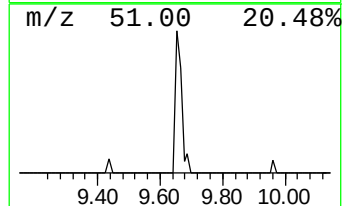
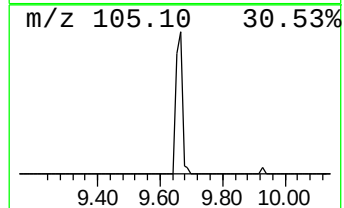
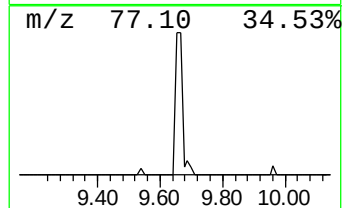
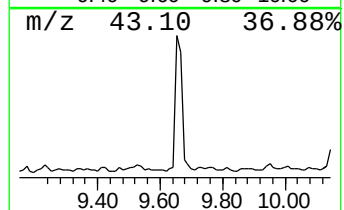
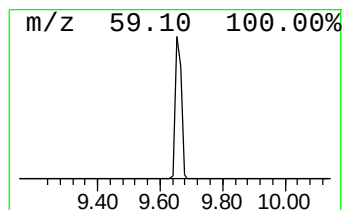
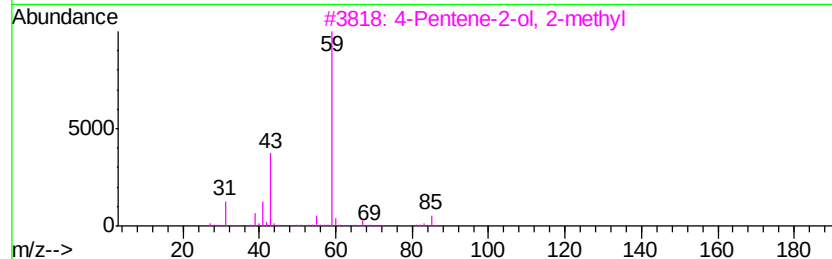
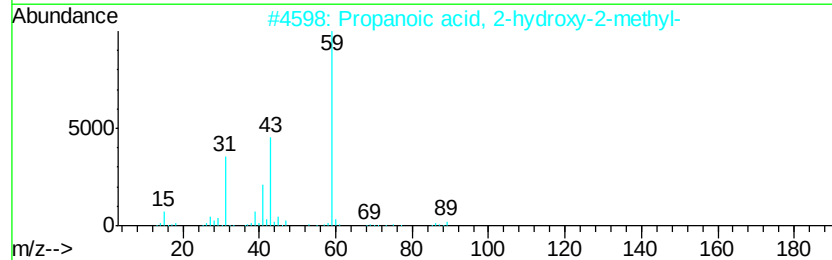
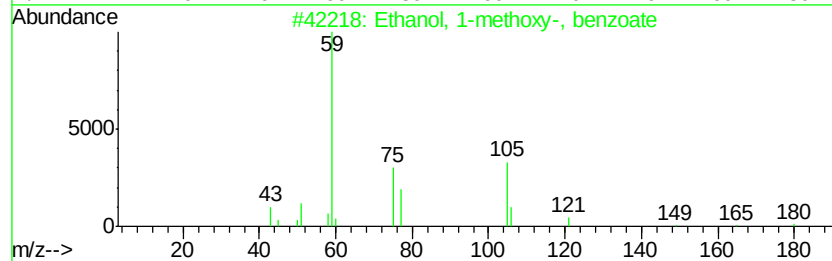
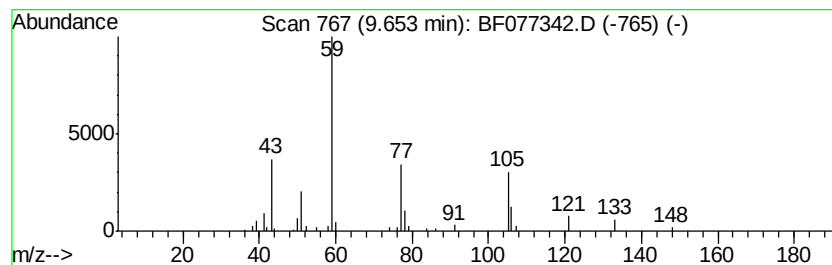
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Ethanol, 1-methoxy-, benzoate Concentration Rank 9

| R.T. | EstConc | Area  | Relative to ISTD | R.T. |
|------|---------|-------|------------------|------|
| 9.65 | 3.40 ng | 86237 | Naphthalene-d8   | 8.96 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Ethanol, 1-methoxy-, benzoate       | 180 | C10H12O3 | 051835-44-0  | 64   |
| 2    |    | Propanoic acid, 2-hydroxy-2-methyl- | 104 | C4H8O3   | 000594-61-6  | 17   |
| 3    |    | 4-Pentene-2-ol, 2-methyl            | 100 | C6H12O   | 000624-97-5  | 17   |
| 4    |    | 2,3-Butanediol, 2,3-dimethyl-       | 118 | C6H14O2  | 000076-09-5  | 9    |
| 5    |    | Propionic acid, 2-isopropoxy-, m... | 146 | C7H14O3  | 1000151-15-1 | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
Acq On : 18 Feb 2015 5:03  
Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

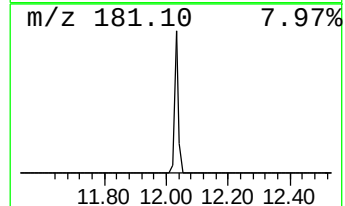
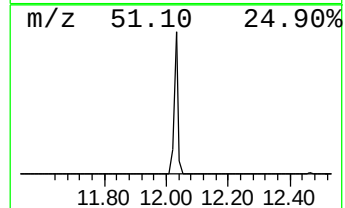
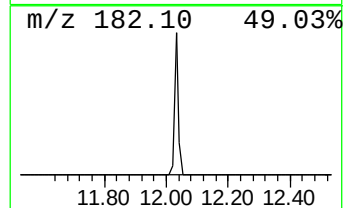
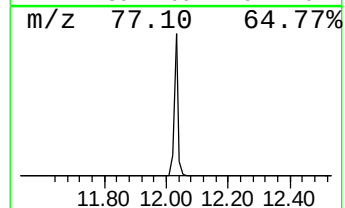
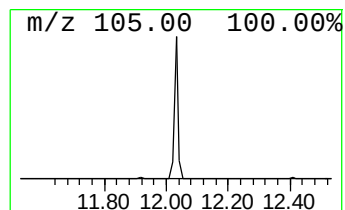
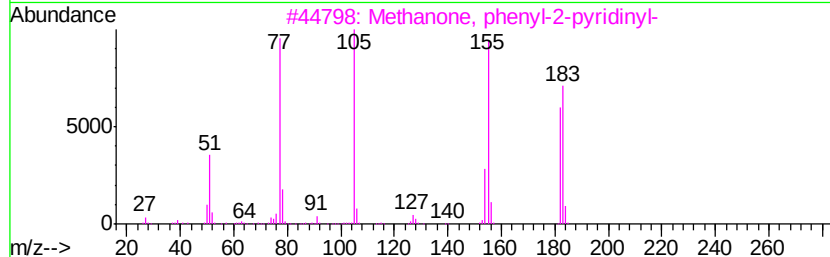
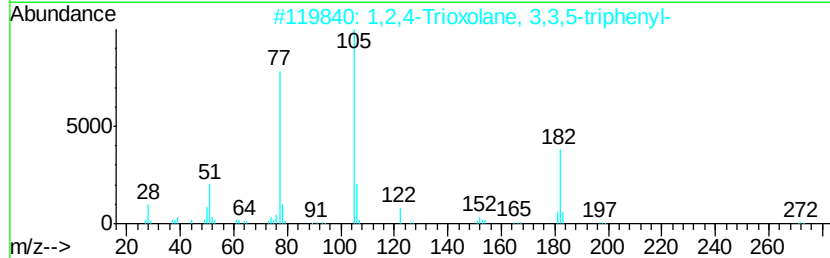
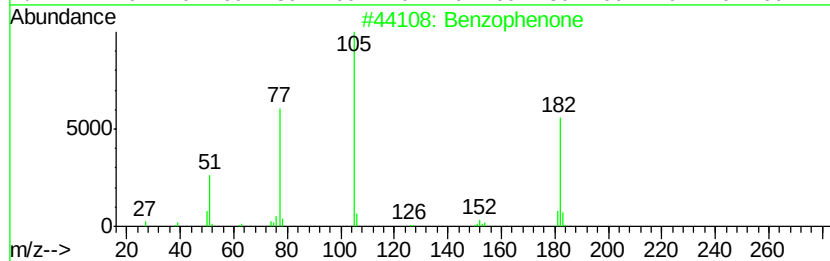
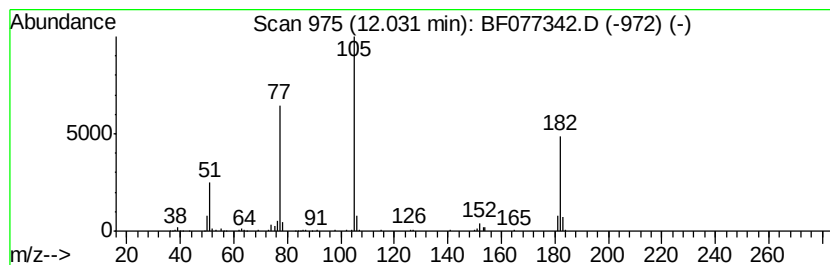
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Benzophenone Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 12.03 | 10.79 ng | 288514 | Acenaphthene-d10 | 11.13 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    | 1,2,4-Trioxolane, 3,3,5-triphenyl-  | 304 | C20H16O3 | 023246-12-0 | 72   |
| 3    |    | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO  | 000091-02-1 | 72   |
| 4    |    | Azobenzene, (E)-                    | 182 | C12H10N2 | 017082-12-1 | 59   |
| 5    |    | 3-Hydroxy-2-methyl-3,3-diphenylp... | 270 | C17H18O3 | 119020-91-6 | 50   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
Acq On : 18 Feb 2015 5:03  
Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.M  
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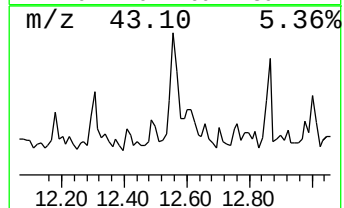
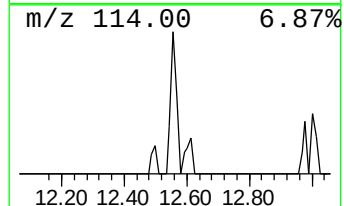
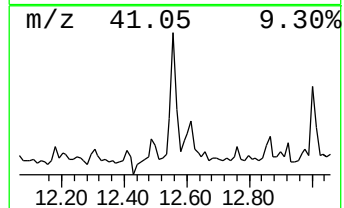
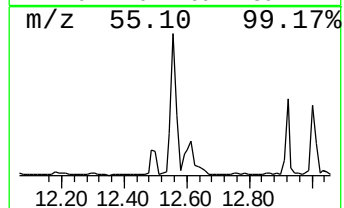
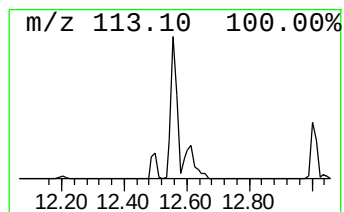
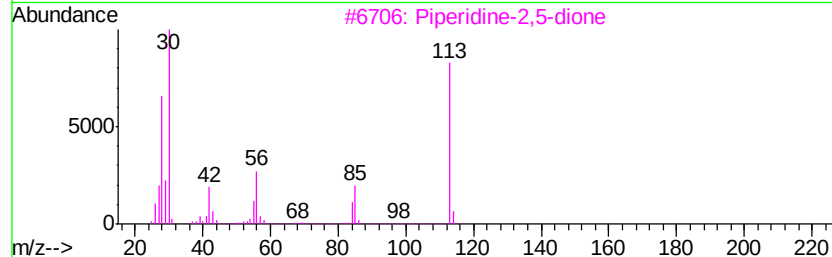
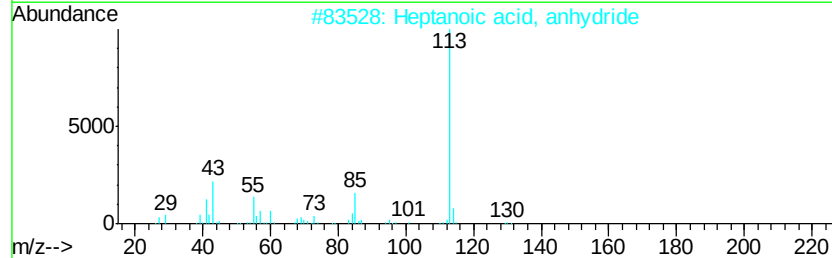
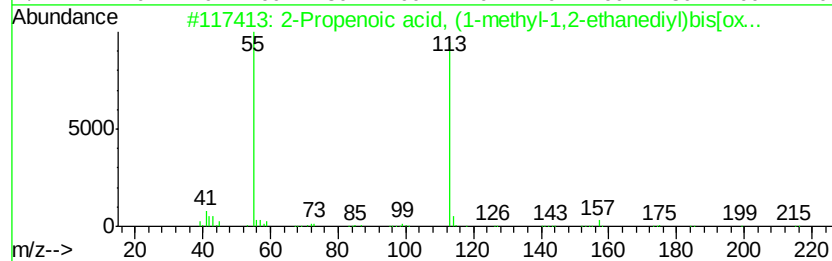
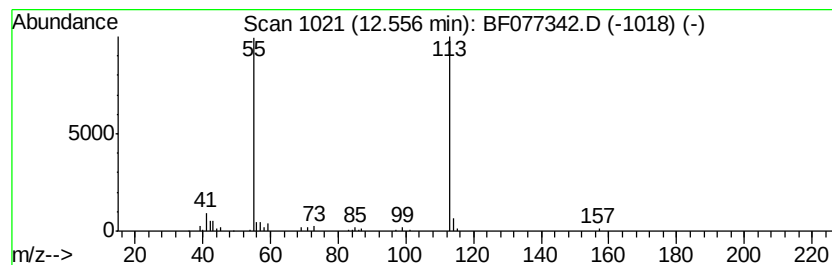
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 2-Propenoic acid, (1-methyl... Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.56 | 4.74 ng | 139348 | Phenanthrene-d10 | 12.98 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Propenoic acid, (1-methyl-1,2-... | 300 | C15H24O6 | 042978-66-5 | 83   |
| 2    |    | Heptanoic acid, anhydride           | 242 | C14H26O3 | 000626-27-7 | 33   |
| 3    |    | Piperidine-2,5-dione                | 113 | C5H7N02  | 052065-78-8 | 9    |
| 4    |    | Propanedioic acid, 2-propenyl-, ... | 172 | C8H12O4  | 040637-56-7 | 9    |
| 5    |    | 1H-Pyrazole, 4-nitro-               | 113 | C3H3N3O2 | 002075-46-9 | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
Acq On : 18 Feb 2015 5:03  
Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

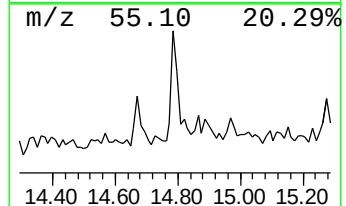
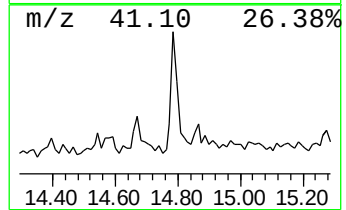
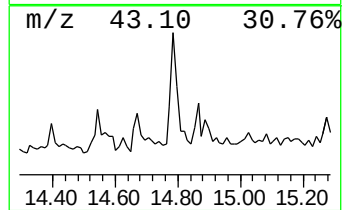
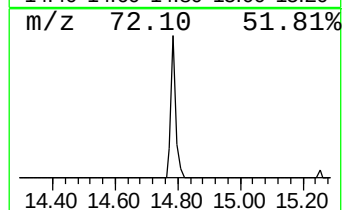
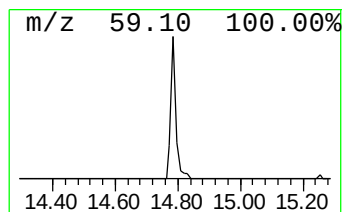
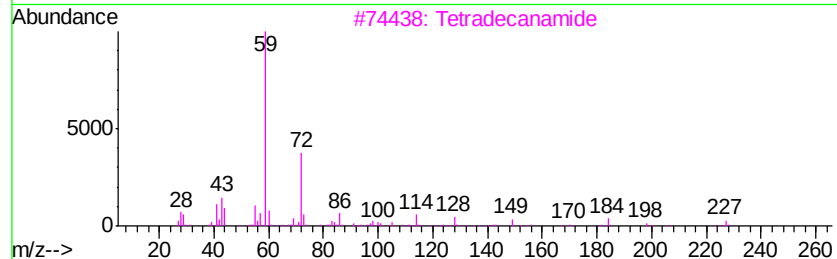
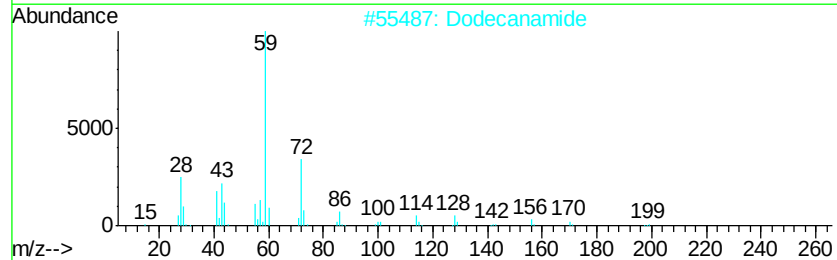
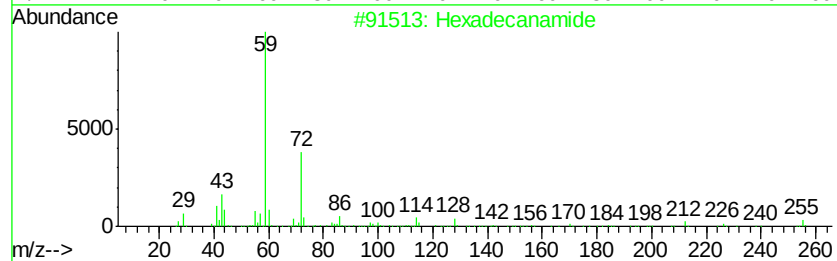
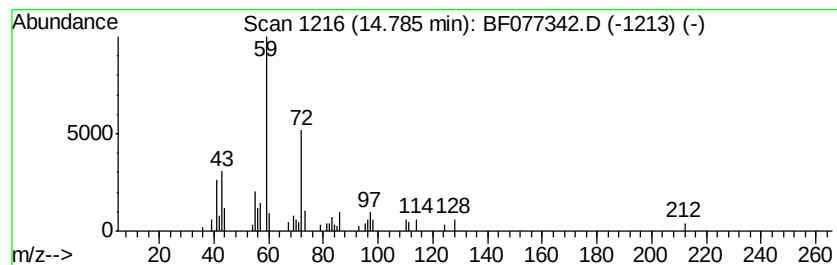
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Hexadecanamide Concentration Rank 14

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.79 | 2.36 ng | 72590 | Chrysene-d12     | 16.28 |

| Hit# | of | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanamide         | 255 | C16H33NO | 000629-54-9 | 78   |
| 2    |    | Dodecanamide           | 199 | C12H25NO | 001120-16-7 | 72   |
| 3    |    | Tetradecanamide        | 227 | C14H29NO | 000638-58-4 | 72   |
| 4    |    | Pentanamide, 4-methyl- | 115 | C6H13NO  | 001119-29-5 | 64   |
| 5    |    | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 64   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
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Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

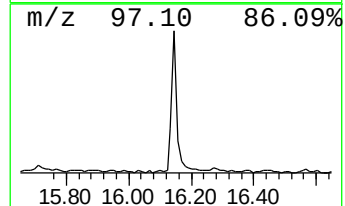
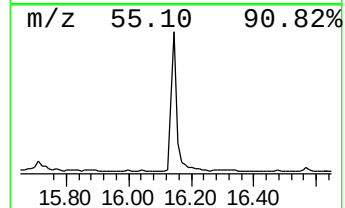
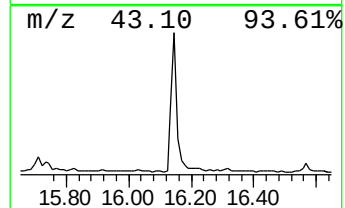
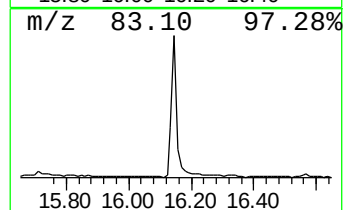
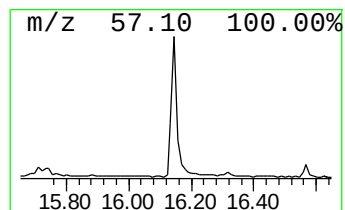
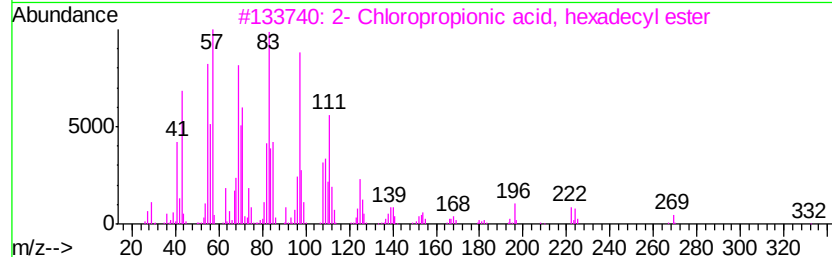
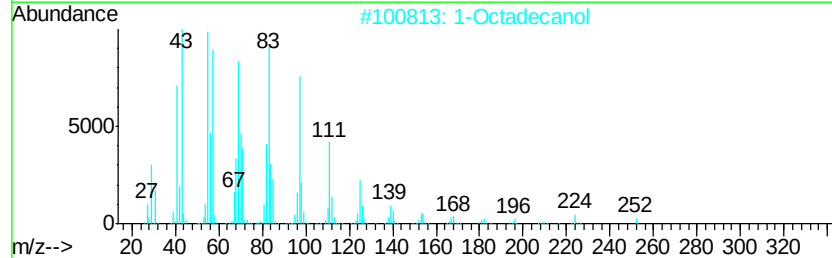
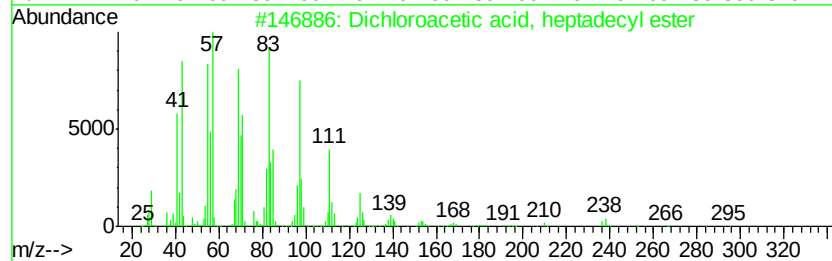
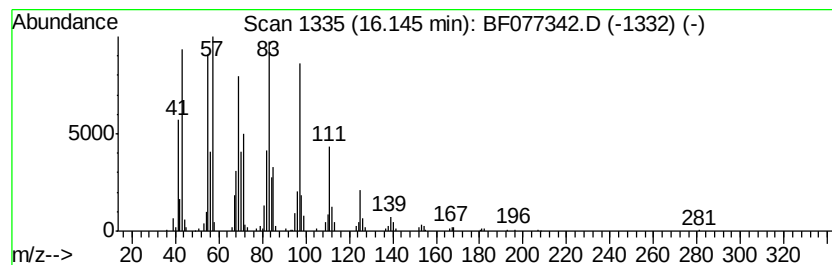
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Dichloroacetic acid, heptad... Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 16.15 | 17.16 ng | 527592 | Chrysene-d12     | 16.28 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 93   |
| 2    |    |   | 1-Octadecanol                       | 270 | C18H38O     | 000112-92-5  | 91   |
| 3    |    |   | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2  | 086711-81-1  | 91   |
| 4    |    |   | Trifluoroacetic acid, n-octadecy... | 366 | C20H37F3O2  | 079392-43-1  | 91   |
| 5    |    |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5  | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
Acq On : 18 Feb 2015 5:03  
Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

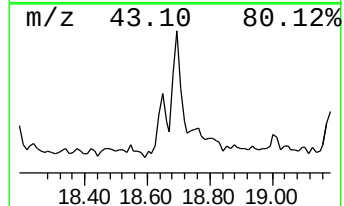
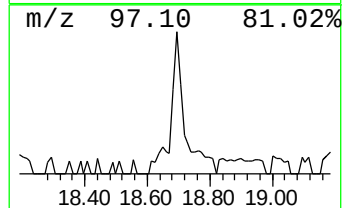
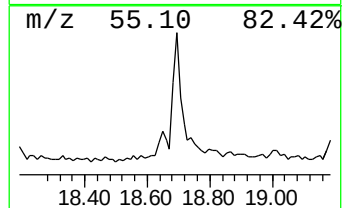
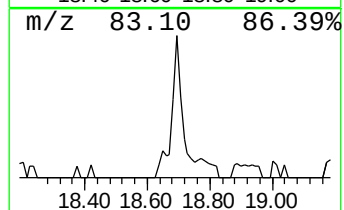
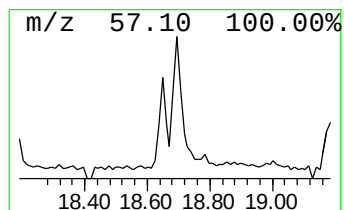
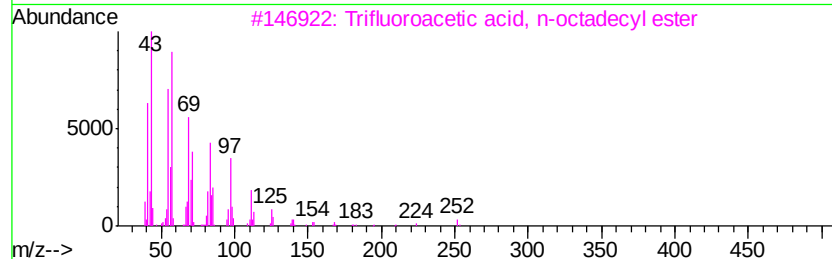
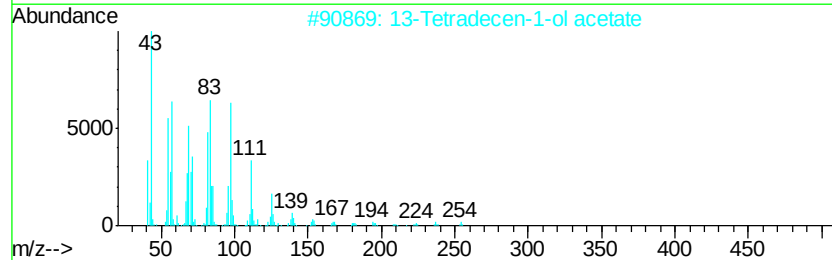
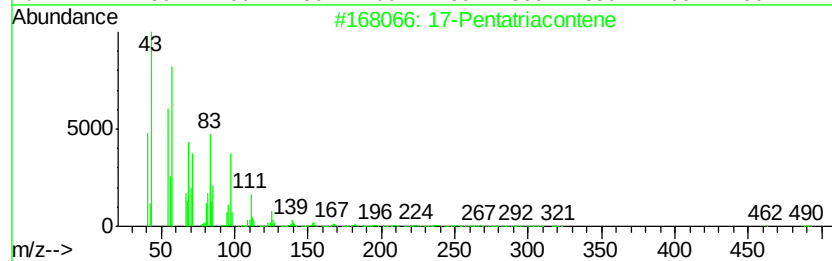
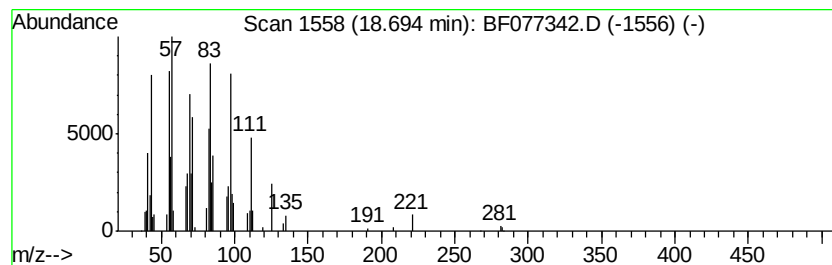
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 17-Pentatriacontene Concentration Rank 15

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 18.69 | 2.34 ng | 69129 | Perylene-d12     | 18.04 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 17-Pentatriacontene                 | 491 | C35H70     | 006971-40-0 | 91   |
| 2    |    | 13-Tetradecen-1-ol acetate          | 254 | C16H30O2   | 056221-91-1 | 90   |
| 3    |    | Trifluoroacetic acid, n-octadecy... | 366 | C20H37F3O2 | 079392-43-1 | 87   |
| 4    |    | 1-Hentetracontanol                  | 593 | C41H84O    | 040710-42-7 | 87   |
| 5    |    | 2-Chloropropionic acid, octadec...  | 360 | C21H41ClO2 | 088104-31-8 | 83   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021715\  
Data File : BF077342.D  
Acq On : 18 Feb 2015 5:03  
Operator : TP/IZ  
Sample : G1302-03  
Misc : W  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FYMW-08A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021715.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 |
| Ethane, 1,1-dimet...  | 1.00  | 2.4     | ng    | 42386    | 1                     | 7.38  | 349401 | 20.0 |
| Butane, 2-methoxy...  | 1.87  | 29.2    | ng    | 510265   | 1                     | 7.38  | 349401 | 20.0 |
| 2-Pentanone, 4-hy...  | 5.18  | 2.7     | ng    | 47665    | 1                     | 7.38  | 349401 | 20.0 |
| unknown7.08           | 7.08  | 6.1     | ng    | 107343   | 1                     | 7.38  | 349401 | 20.0 |
| Indane                | 7.60  | 4.8     | ng    | 84501    | 1                     | 7.38  | 349401 | 20.0 |
| Ethanol, 1-methox...  | 9.65  | 3.4     | ng    | 86237    | 2                     | 8.96  | 507531 | 20.0 |
| Benzophenone          | 12.03 | 10.8    | ng    | 288514   | 3                     | 11.13 | 534823 | 20.0 |
| 2-Propenoic acid, ... | 12.56 | 4.7     | ng    | 139348   | 4                     | 12.98 | 588293 | 20.0 |
| Hexadecanamide        | 14.79 | 2.4     | ng    | 72590    | 5                     | 16.28 | 614817 | 20.0 |
| Dichloroacetic ac...  | 16.15 | 17.2    | ng    | 527592   | 5                     | 16.28 | 614817 | 20.0 |
| 17-Pentatriacontene   | 18.69 | 2.3     | ng    | 69129    | 6                     | 18.04 | 590954 | 20.0 |