

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
 Data File : BF079605.D  
 Acq On : 30 May 2015 16:17  
 Operator : TP/IZ  
 Sample : G2416-24  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PJBLVD10.1(2)

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-BF052615.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         | 1.553       | 30            | 32          | 39           | rBV      | 331671         | 722253        | 10.95%          | 2.492%        |
| 2         | 1.656       | 39            | 41          | 90           | rVB      | 2503543        | 6593657       | 100.00%         | 22.754%       |
| 3         | 4.639       | 300           | 302         | 313          | rVB      | 45257          | 83852         | 1.27%           | 0.289%        |
| 4         | 5.199       | 349           | 351         | 362          | rBV      | 996874         | 1509002       | 22.89%          | 5.207%        |
| 5         | 6.536       | 466           | 468         | 476          | rBV      | 1177346        | 1546105       | 23.45%          | 5.335%        |
| 6         | 6.650       | 476           | 478         | 481          | rBV      | 1630907        | 1624730       | 24.64%          | 5.607%        |
| 7         | 6.936       | 500           | 503         | 505          | rBV      | 361034         | 396460        | 6.01%           | 1.368%        |
| 8         | 7.119       | 516           | 519         | 521          | rBV      | 1302489        | 1256785       | 19.06%          | 4.337%        |
| 9         | 7.633       | 562           | 564         | 567          | rBV      | 1053607        | 949379        | 14.40%          | 3.276%        |
| 10        | 8.513       | 639           | 641         | 643          | rBV      | 526880         | 555859        | 8.43%           | 1.918%        |
| 11        | 9.862       | 756           | 759         | 761          | rBV      | 1713134        | 1882478       | 28.55%          | 6.496%        |
| 12        | 10.376      | 801           | 804         | 806          | rBV      | 270775         | 331991        | 5.04%           | 1.146%        |
| 13        | 10.674      | 824           | 830         | 832          | rBV      | 625354         | 626678        | 9.50%           | 2.163%        |
| 14        | 11.657      | 913           | 916         | 919          | rBV      | 1087998        | 1229443       | 18.65%          | 4.243%        |
| 15        | 11.862      | 932           | 934         | 937          | rBV      | 43670          | 68800         | 1.04%           | 0.237%        |
| 16        | 12.502      | 988           | 990         | 992          | rBV      | 481650         | 642366        | 9.74%           | 2.217%        |
| 17        | 12.605      | 995           | 999         | 1002         | rVV      | 65722          | 108942        | 1.65%           | 0.376%        |
| 18        | 13.165      | 1047          | 1048        | 1051         | rVB      | 49829          | 69599         | 1.06%           | 0.240%        |
| 19        | 13.268      | 1051          | 1057        | 1059         | rBV2     | 94166          | 211760        | 3.21%           | 0.731%        |
| 20        | 14.011      | 1119          | 1122        | 1124         | rVV      | 366487         | 438489        | 6.65%           | 1.513%        |
| 21        | 14.285      | 1143          | 1146        | 1148         | rVB      | 421246         | 471748        | 7.15%           | 1.628%        |
| 22        | 14.343      | 1148          | 1151        | 1153         | rBV3     | 43475          | 66451         | 1.01%           | 0.229%        |
| 23        | 14.503      | 1162          | 1165        | 1168         | rBV      | 1985399        | 2039938       | 30.94%          | 7.040%        |
| 24        | 14.708      | 1177          | 1183        | 1185         | rVB2     | 53323          | 113607        | 1.72%           | 0.392%        |
| 25        | 14.834      | 1192          | 1194        | 1195         | rBV      | 53791          | 90751         | 1.38%           | 0.313%        |
| 26        | 15.508      | 1252          | 1253        | 1257         | rVV2     | 32536          | 76170         | 1.16%           | 0.263%        |
| 27        | 15.691      | 1267          | 1269        | 1274         | rVV2     | 184389         | 372254        | 5.65%           | 1.285%        |
| 28        | 15.794      | 1275          | 1278        | 1280         | rVV2     | 662861         | 1010580       | 15.33%          | 3.487%        |
| 29        | 16.126      | 1304          | 1307        | 1310         | rBV2     | 74399          | 111428        | 1.69%           | 0.385%        |
| 30        | 16.537      | 1341          | 1343        | 1351         | rVB2     | 103662         | 199553        | 3.03%           | 0.689%        |
| 31        | 16.948      | 1377          | 1379        | 1382         | rBV2     | 66616          | 105448        | 1.60%           | 0.364%        |
| 32        | 17.131      | 1393          | 1395        | 1402         | rBV      | 202270         | 512225        | 7.77%           | 1.768%        |
| 33        | 17.360      | 1413          | 1415        | 1421         | rBV3     | 101237         | 241152        | 3.66%           | 0.832%        |
| 34        | 17.463      | 1422          | 1424        | 1428         | rVV      | 129349         | 196373        | 2.98%           | 0.678%        |

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

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-BF052615.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 17.531 | 1428 | 1430 | 1433 | rVV  | 181686 | 228228 | 3.46%  | 0.788% |
| 36 | 17.600 | 1433 | 1436 | 1438 | rVV  | 545780 | 702683 | 10.66% | 2.425% |
| 37 | 17.646 | 1438 | 1440 | 1443 | rVB3 | 163465 | 252720 | 3.83%  | 0.872% |
| 38 | 17.771 | 1449 | 1451 | 1454 | rBV3 | 41578  | 67258  | 1.02%  | 0.232% |
| 39 | 18.183 | 1485 | 1487 | 1489 | rBV  | 84525  | 116231 | 1.76%  | 0.401% |
| 40 | 18.229 | 1489 | 1491 | 1492 | rVV  | 57936  | 92623  | 1.40%  | 0.320% |
| 41 | 18.274 | 1493 | 1495 | 1498 | rVB3 | 124308 | 197992 | 3.00%  | 0.683% |
| 42 | 18.629 | 1524 | 1526 | 1529 | rBV2 | 63918  | 106037 | 1.61%  | 0.366% |
| 43 | 18.926 | 1550 | 1552 | 1561 | rVB2 | 102074 | 246454 | 3.74%  | 0.850% |
| 44 | 19.132 | 1568 | 1570 | 1573 | rVB2 | 67787  | 123332 | 1.87%  | 0.426% |
| 45 | 19.303 | 1582 | 1585 | 1590 | rVB  | 92355  | 192855 | 2.92%  | 0.666% |
| 46 | 19.452 | 1595 | 1598 | 1602 | rBV5 | 78055  | 195628 | 2.97%  | 0.675% |

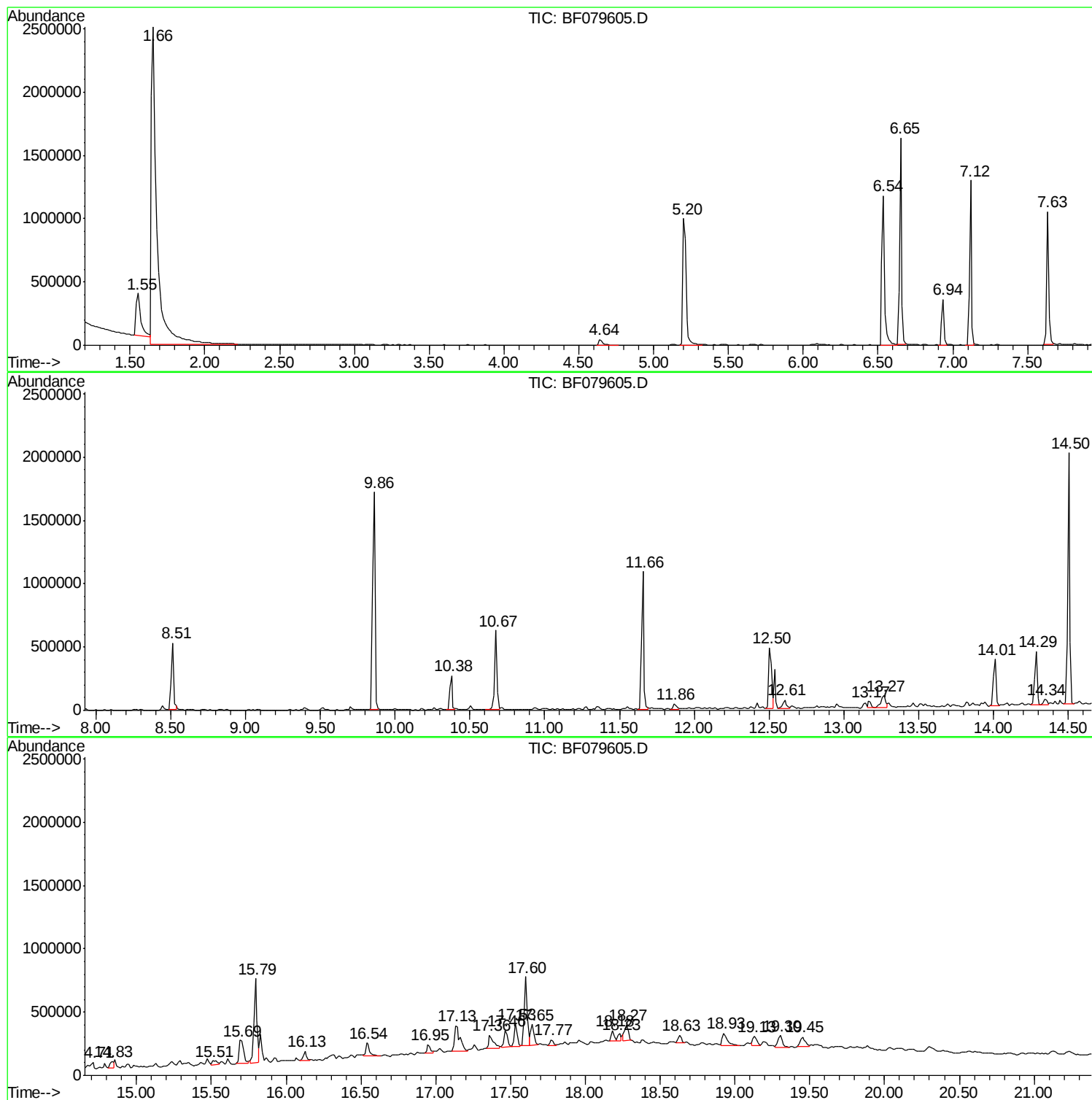
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ClientSampled :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.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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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

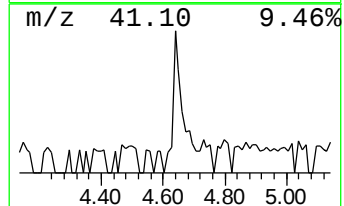
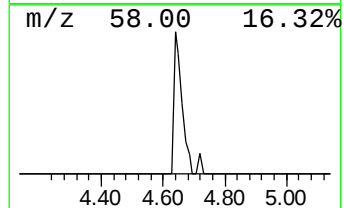
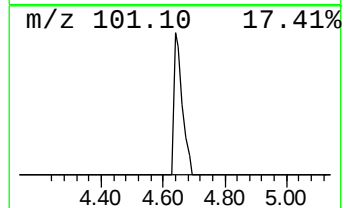
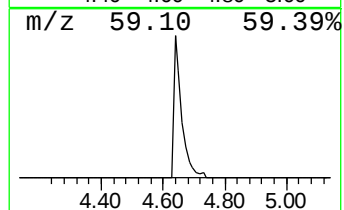
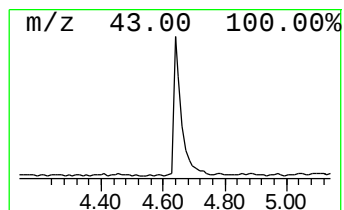
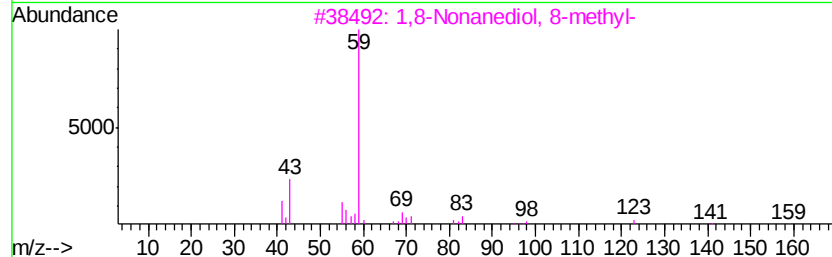
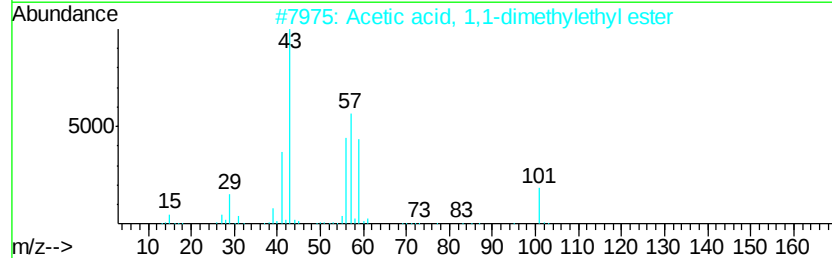
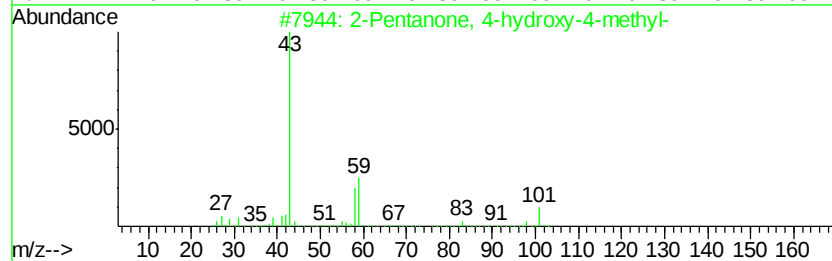
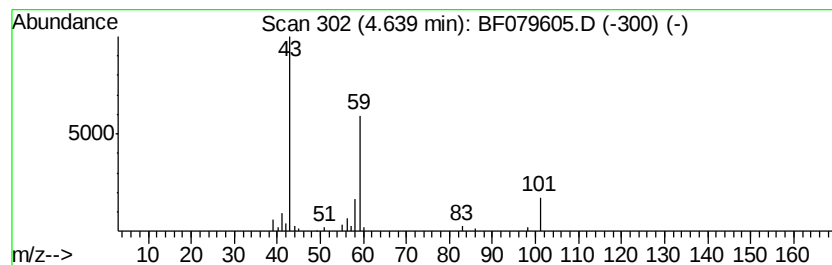
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.64 | 4.23 ng | 83852 | 1,4-Dichlorobenzene-d4 | 6.94 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 38   |
| 3    |    |   | 1,8-Nonanediol, 8-methyl-           | 174 | C10H22O2 | 054725-73-4 | 38   |
| 4    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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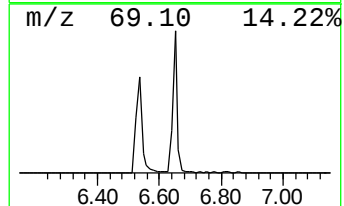
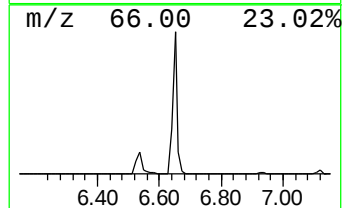
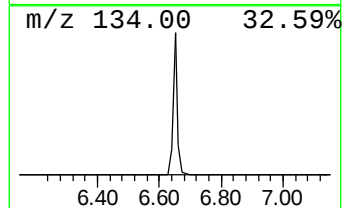
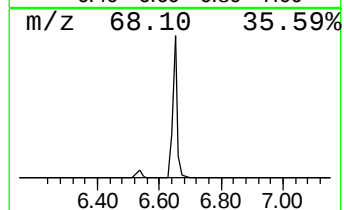
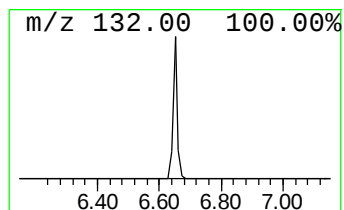
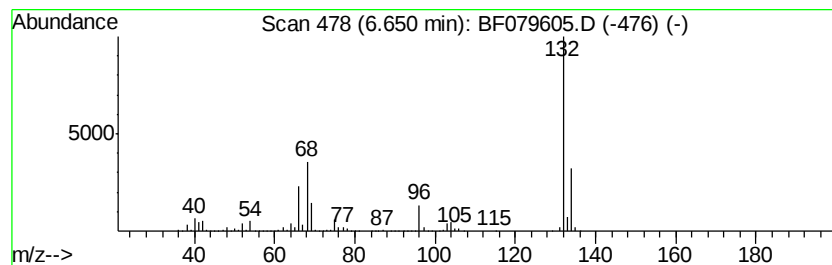
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 unknown6.65 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.65 | 81.96 ng | 1624730 | 1,4-Dichlorobenzene-d4 | 6.94 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 35   |
| 3    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 5    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

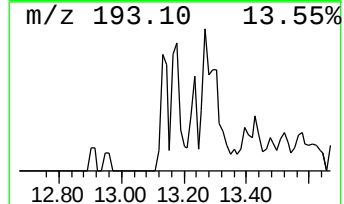
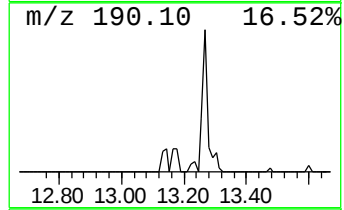
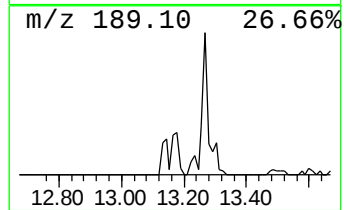
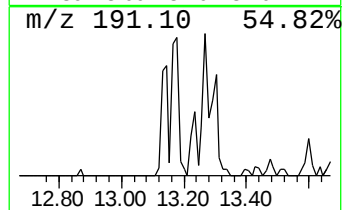
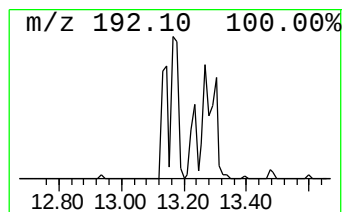
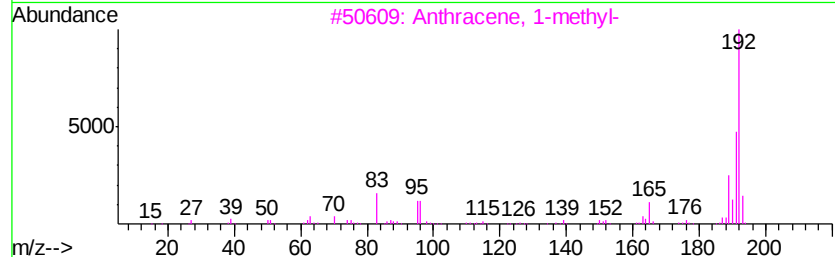
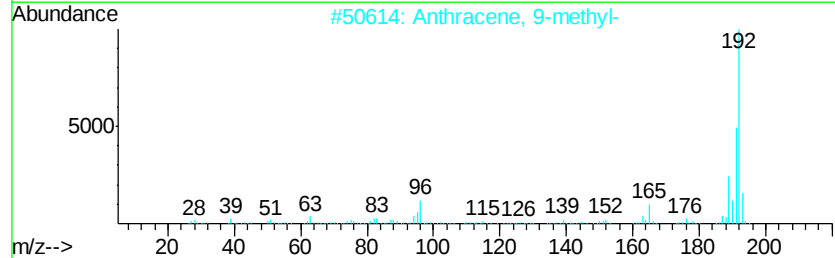
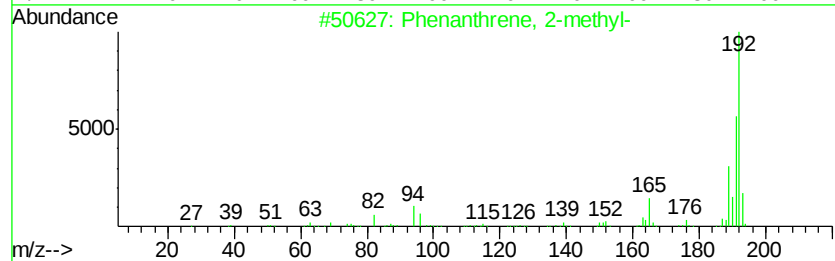
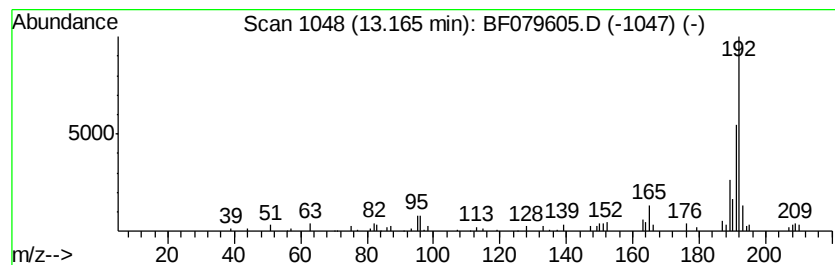
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 20

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 13.17 | 2.17 ng | 69599 | Phenanthrene-d10 | 12.50 |

| Hit# of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------|-----|---------|-------------|------|
| 1       |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 94   |
| 2       |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 94   |
| 3       |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 94   |
| 4       |   | Phenanthrene, 3-methyl- | 192 | C15H12  | 000832-71-3 | 93   |
| 5       |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 90   |



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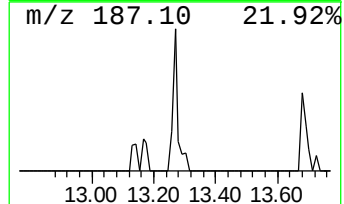
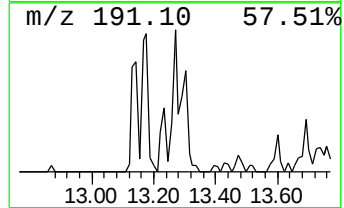
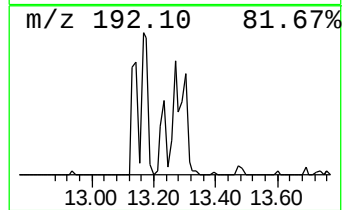
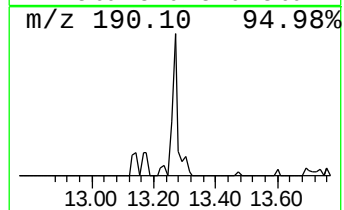
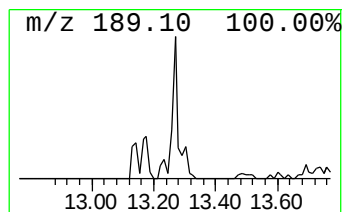
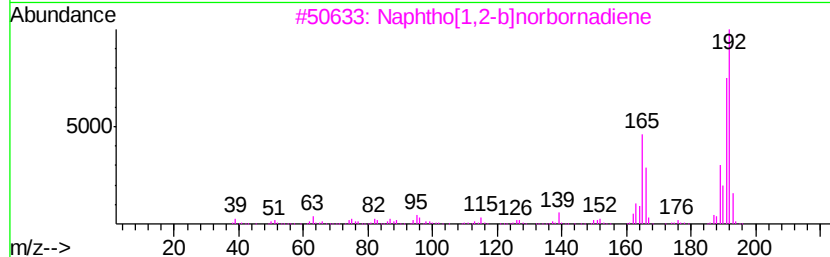
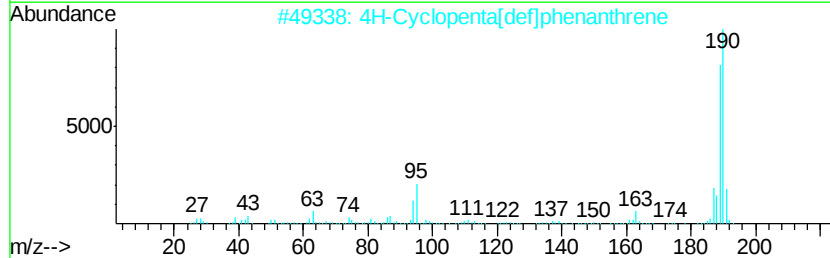
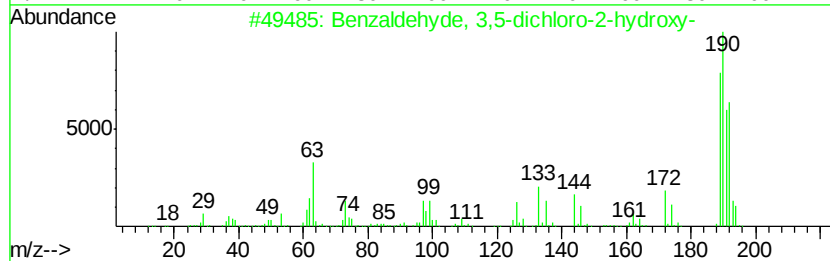
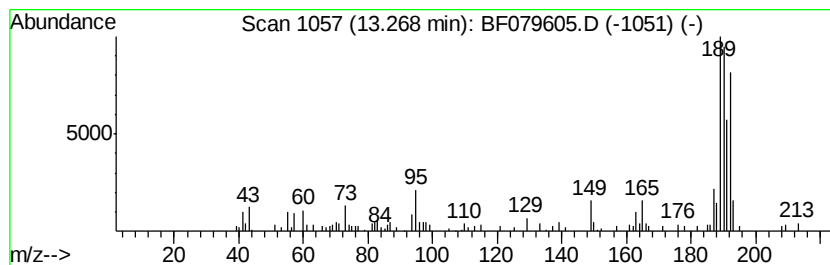
Instrument :  
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 13.27     | 6.59 ng                             | 211760 | Phenanthrene-d10 | 12.50        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Benzaldehyde, 3,5-dichloro-2-hyd... | 190    | C7H4Cl2O2        | 000090-60-8  | 72   |
| 2         | 4H-Cyclopenta[def]phenanthrene      | 190    | C15H10           | 000203-64-5  | 60   |
| 3         | Naphtho[1,2-b]norbornadiene         | 192    | C15H12           | 1000210-14-8 | 46   |
| 4         | Phenanthrene, 1-methyl-             | 192    | C15H12           | 000832-69-9  | 41   |
| 5         | Anthracene, 1-methyl-               | 192    | C15H12           | 000610-48-0  | 38   |



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BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

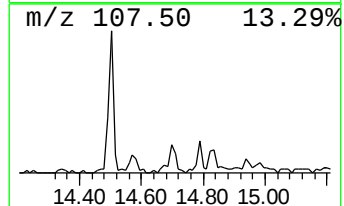
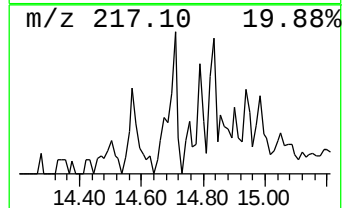
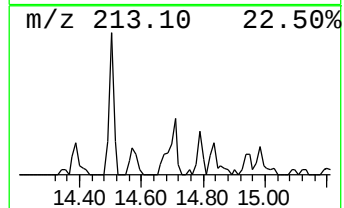
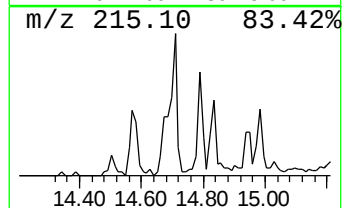
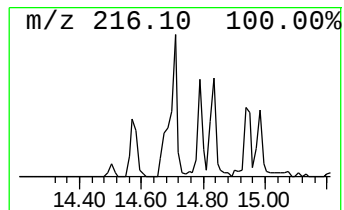
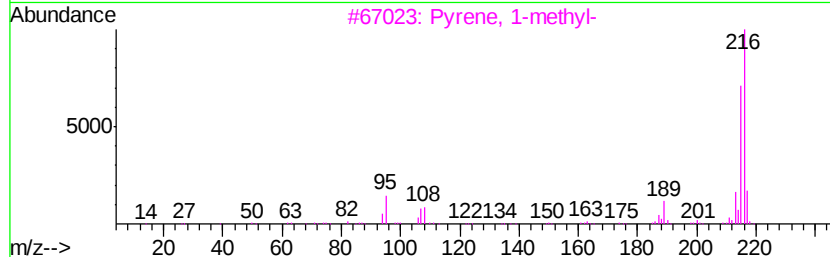
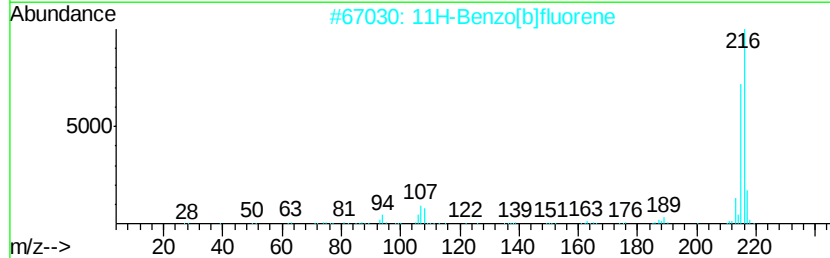
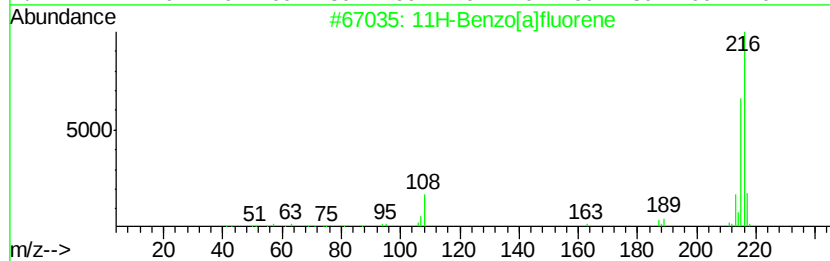
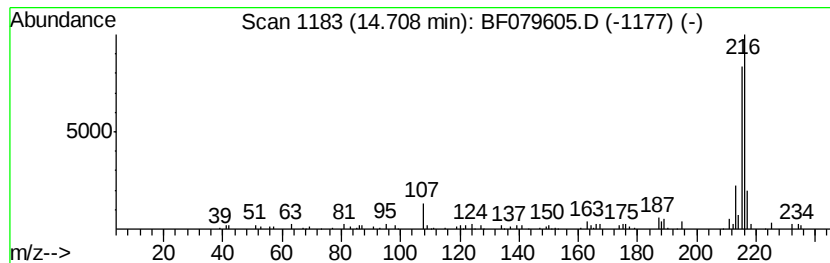
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.71 | 2.25 ng | 113607 | Chrysene-d12     | 15.79 |

| Hit# of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------|-----|---------|-------------|------|
| 1       |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 93   |
| 2       |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 3       |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 91   |
| 4       |   | Pyrene, 2-methyl-       | 216 | C17H12  | 003442-78-2 | 87   |
| 5       |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

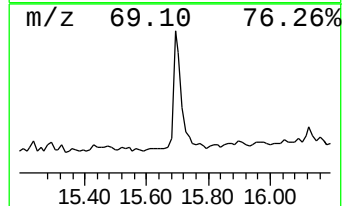
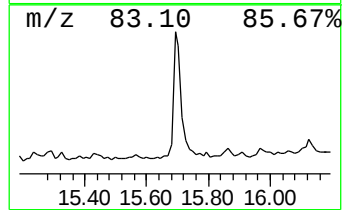
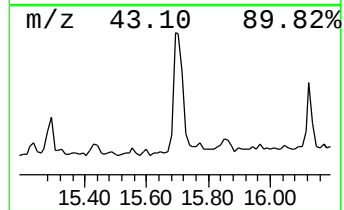
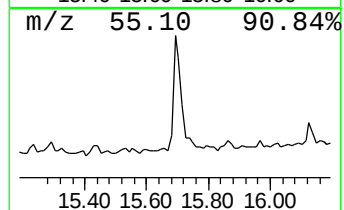
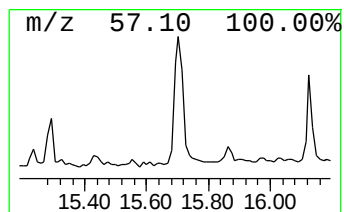
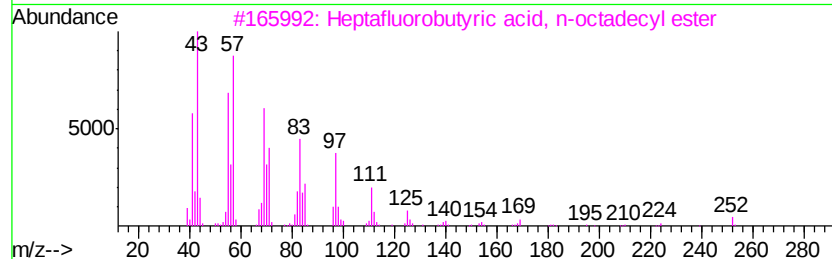
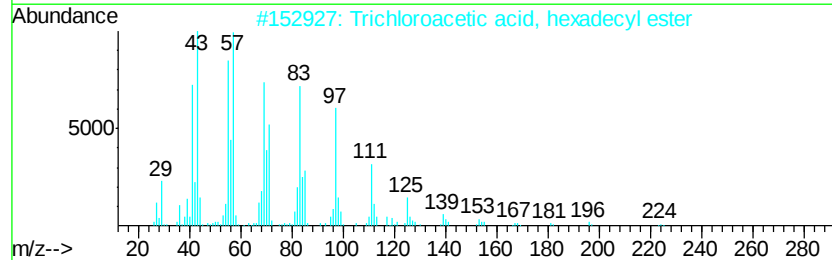
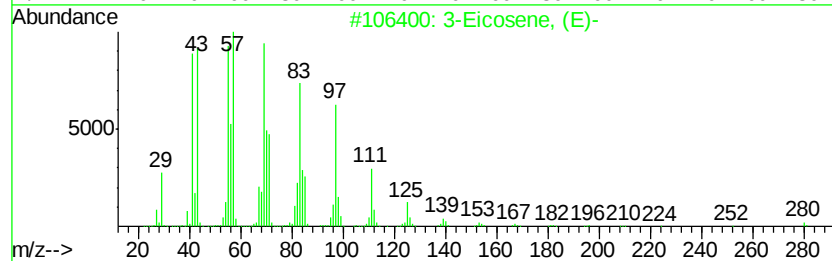
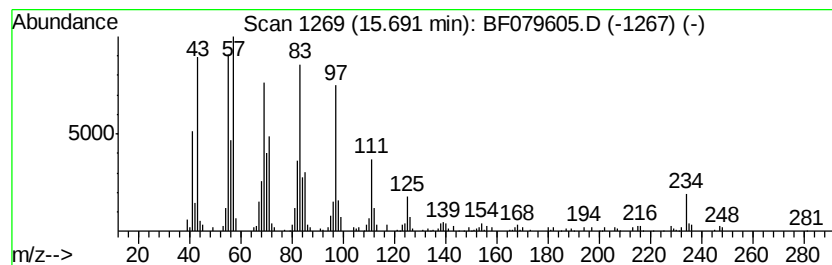
Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 3-Eicosene, (E)- Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 15.69     | 7.37 ng                             | 372254 | Chrysene-d12     | 15.79       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 3-Eicosene, (E)-                    | 280    | C20H40           | 074685-33-9 | 91   |
| 2         | Trichloroacetic acid, hexadecyl ... | 386    | C18H33Cl3O2      | 074339-54-1 | 91   |
| 3         | Heptafluorobutyric acid, n-octad... | 466    | C22H37F7O2       | 000400-57-7 | 90   |
| 4         | 1-Nonadecanol                       | 284    | C19H40O          | 001454-84-8 | 90   |
| 5         | 1-Octadecanol                       | 270    | C18H38O          | 000112-92-5 | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

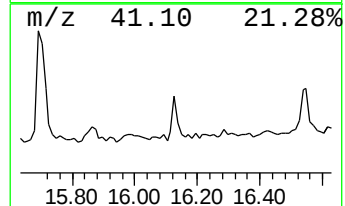
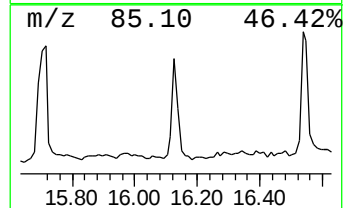
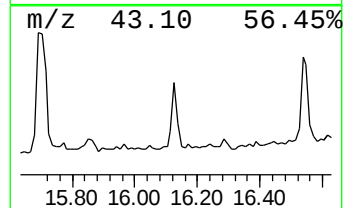
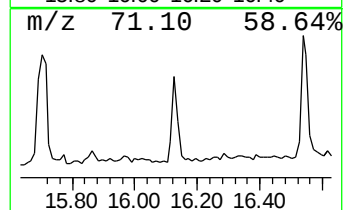
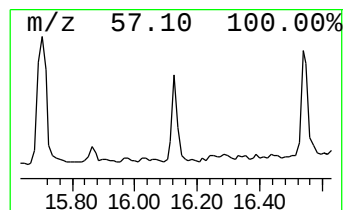
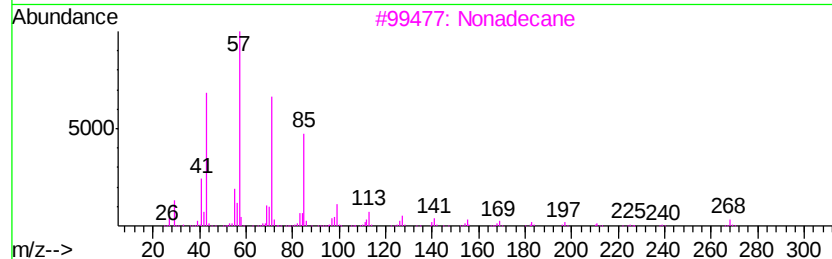
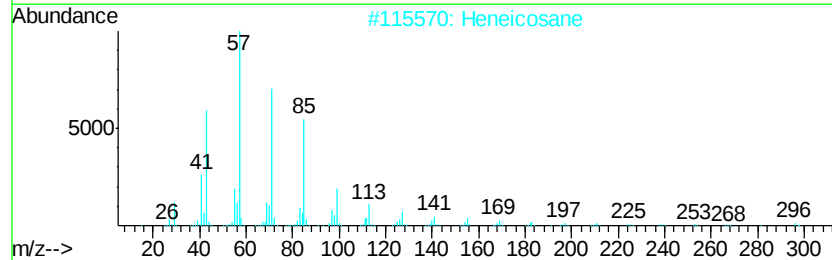
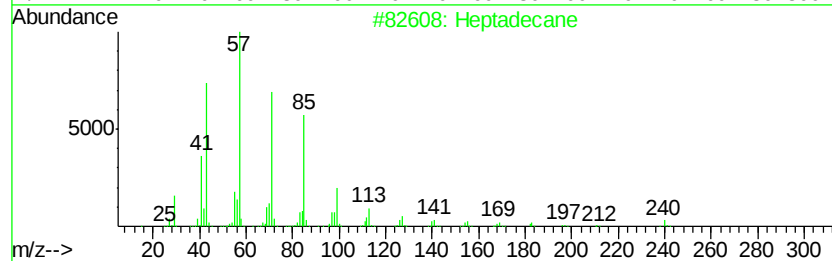
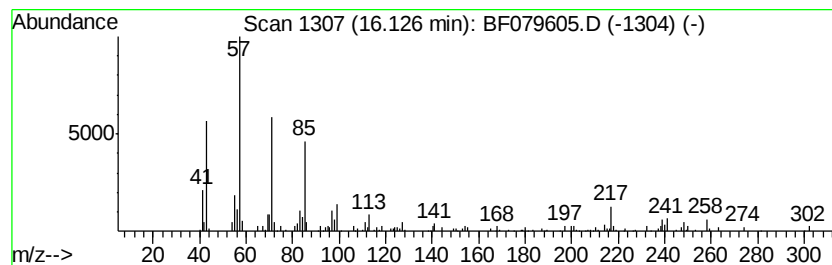
Instrument :  
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ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.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 10 Heptadecane Concentration Rank 19

| R.T.    | EstConc              | Area         | Relative to ISTD | R.T.      |
|---------|----------------------|--------------|------------------|-----------|
| 16.13   | 2.21 ng              | 111428       | Chrysene-d12     | 15.79     |
| Hit# of | 5                    | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heptadecane          | 240 C17H36   | 000629-78-7      | 93        |
| 2       | Heneicosane          | 296 C21H44   | 000629-94-7      | 72        |
| 3       | Nonadecane           | 268 C19H40   | 000629-92-5      | 64        |
| 4       | 10-Methylnonadecane  | 282 C20H42   | 056862-62-5      | 64        |
| 5       | Tridecane, 7-propyl- | 226 C16H34   | 055045-09-5      | 64        |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

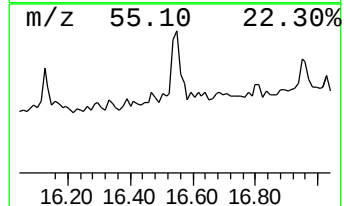
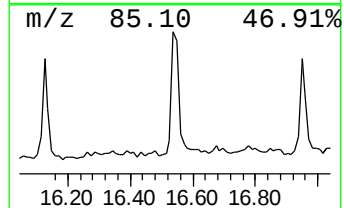
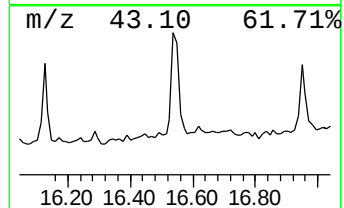
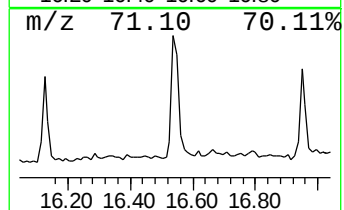
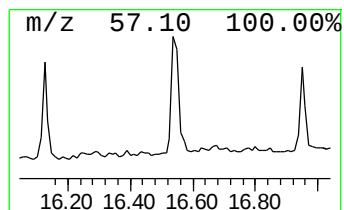
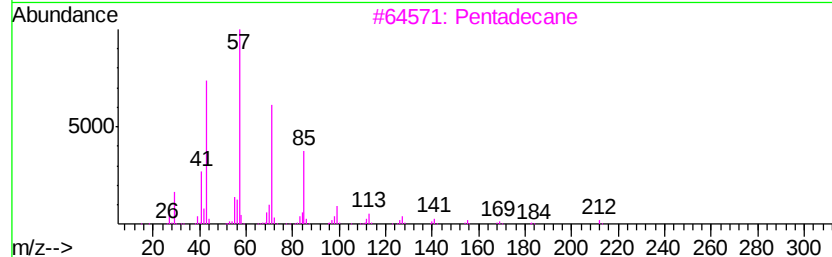
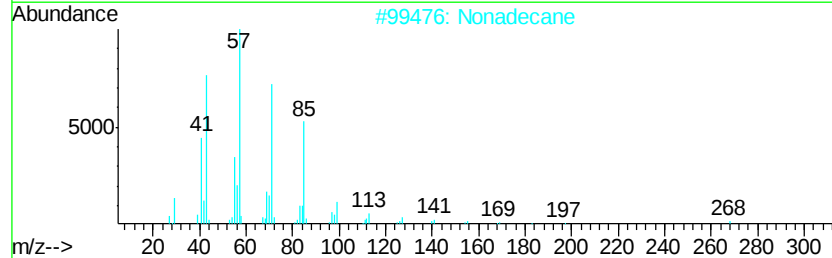
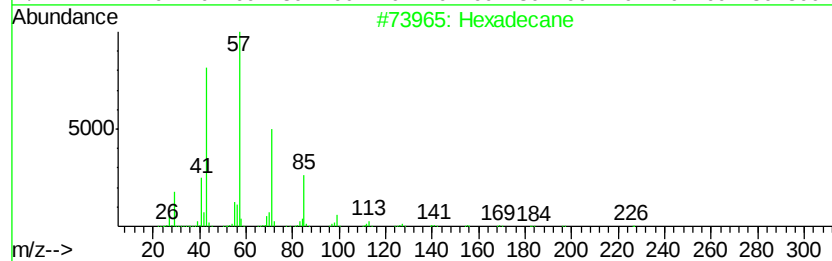
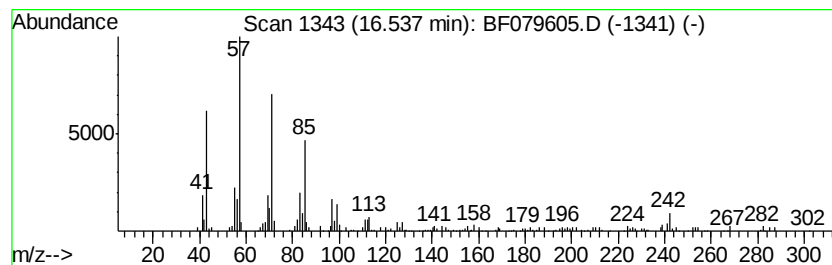
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Hexadecane Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.54 | 3.95 ng | 199553 | Chrysene-d12     | 15.79 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane   | 226 | C16H34  | 000544-76-3 | 94   |
| 2    |    | Nonadecane   | 268 | C19H40  | 000629-92-5 | 93   |
| 3    |    | Pentadecane  | 212 | C15H32  | 000629-62-9 | 92   |
| 4    |    | Eicosane     | 282 | C20H42  | 000112-95-8 | 90   |
| 5    |    | Octadecane   | 254 | C18H38  | 000593-45-3 | 89   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

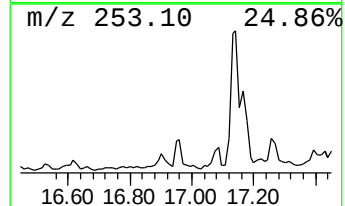
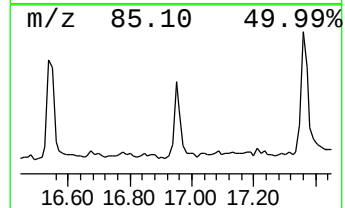
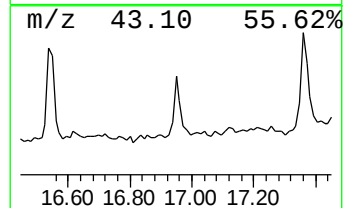
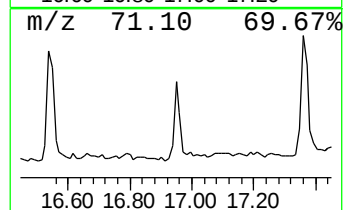
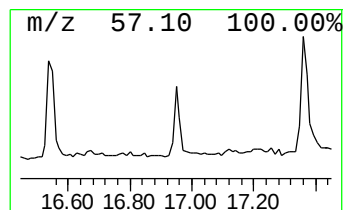
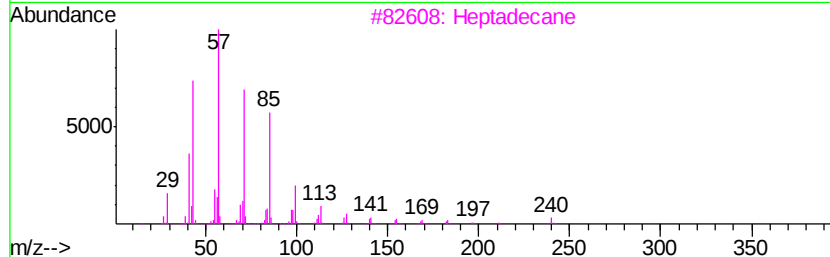
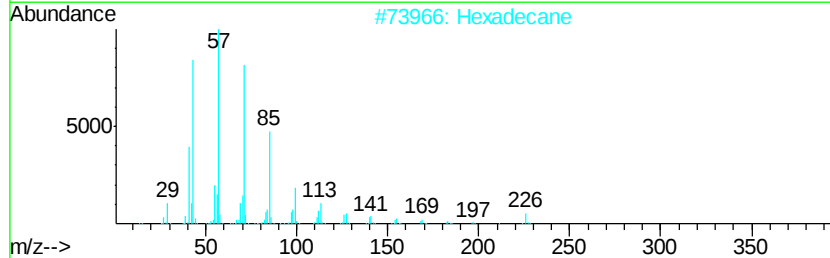
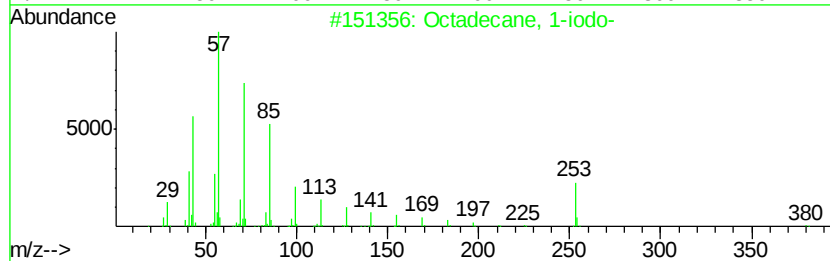
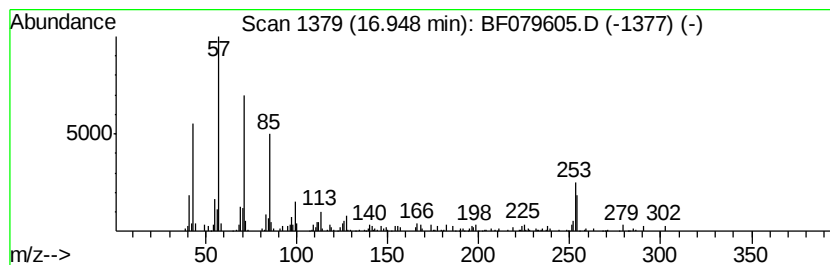
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Octadecane, 1-iodo- Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.95 | 3.00 ng | 105448 | Perylene-d12     | 17.60 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 87   |
| 2    |    | Hexadecane          | 226 | C16H34  | 000544-76-3 | 76   |
| 3    |    | Heptadecane         | 240 | C17H36  | 000629-78-7 | 76   |
| 4    |    | Octadecane          | 254 | C18H38  | 000593-45-3 | 74   |
| 5    |    | Tetradecane         | 198 | C14H30  | 000629-59-4 | 70   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

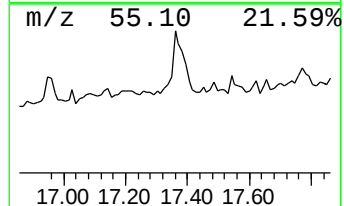
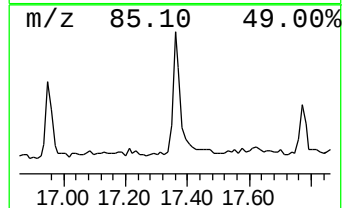
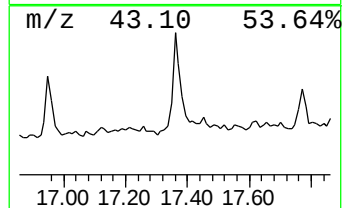
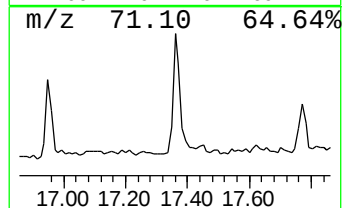
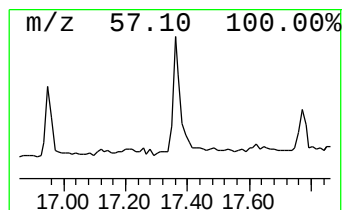
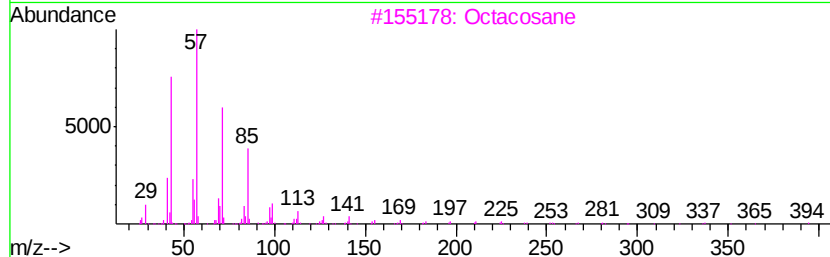
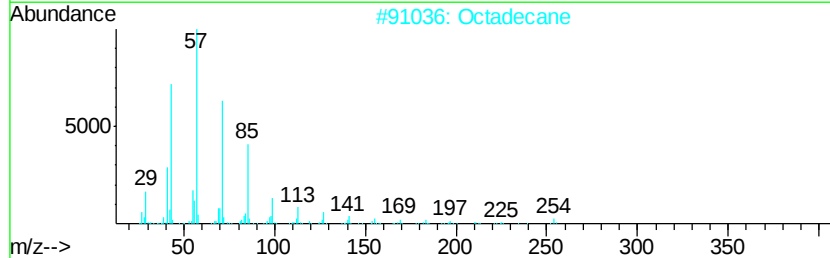
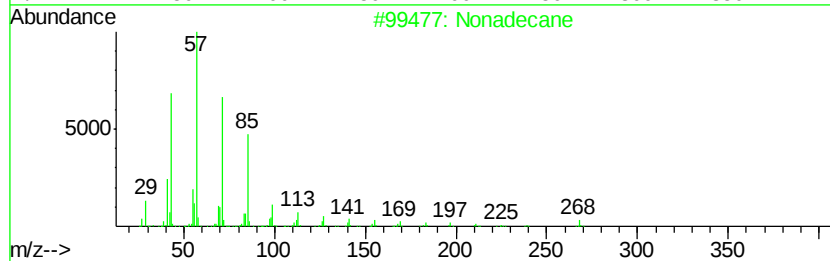
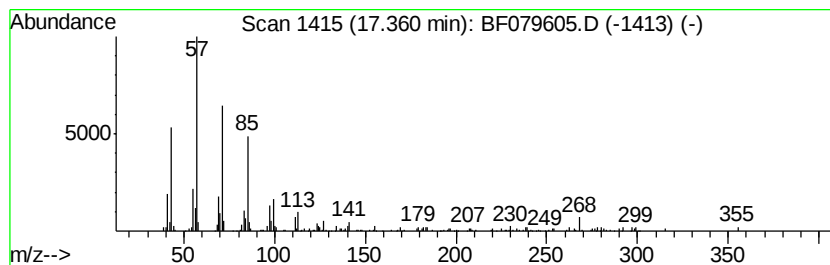
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Nonadecane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.36 | 6.86 ng | 241152 | Perylene-d12     | 17.60 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane          | 268 | C19H40  | 000629-92-5 | 93   |
| 2    |    |   | Octadecane          | 254 | C18H38  | 000593-45-3 | 91   |
| 3    |    |   | Octacosane          | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    |   | Dodecane, 2-methyl- | 184 | C13H28  | 001560-97-0 | 87   |
| 5    |    |   | Eicosane, 7-hexyl-  | 366 | C26H54  | 055333-99-8 | 86   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

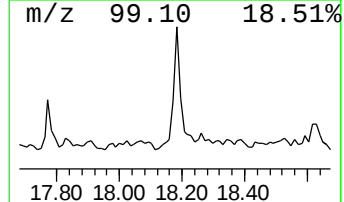
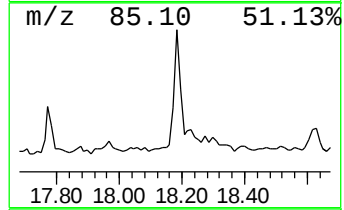
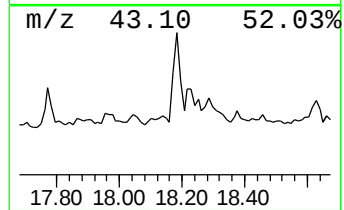
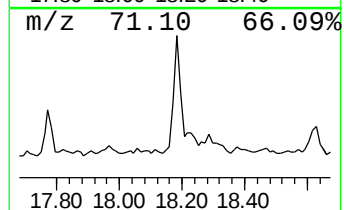
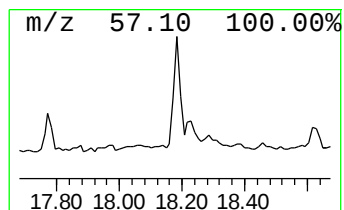
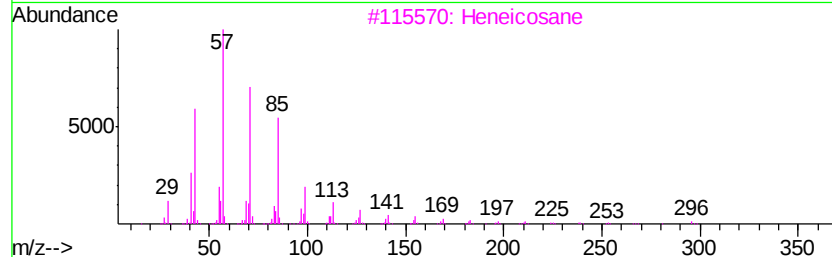
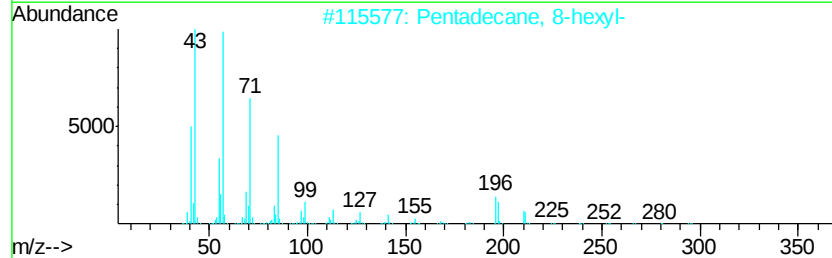
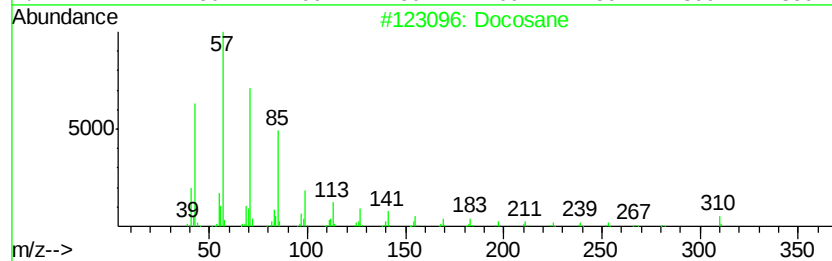
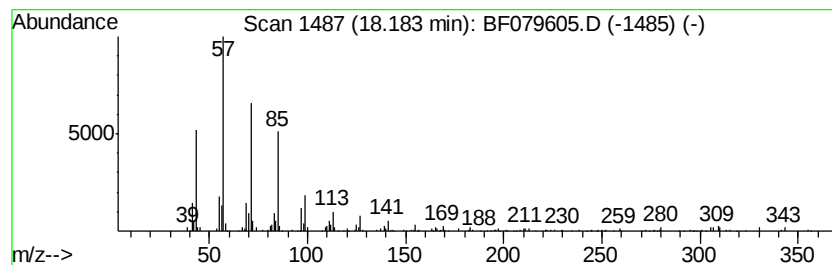
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Docosane Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.18 | 3.31 ng | 116231 | Perylene-d12     | 17.60 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Docosane              | 310 | C22H46  | 000629-97-0 | 97   |
| 2    |    | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 93   |
| 3    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 90   |
| 5    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

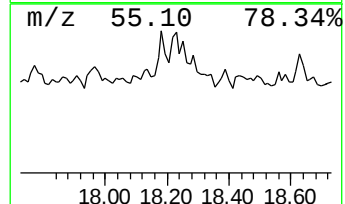
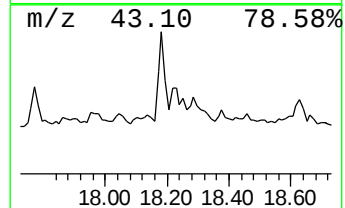
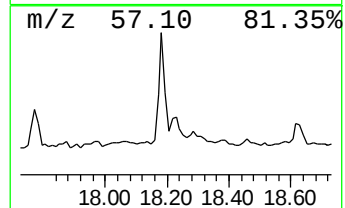
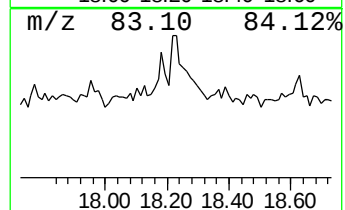
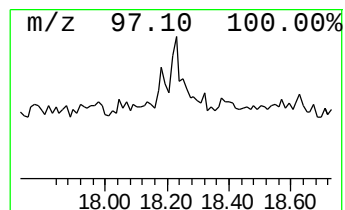
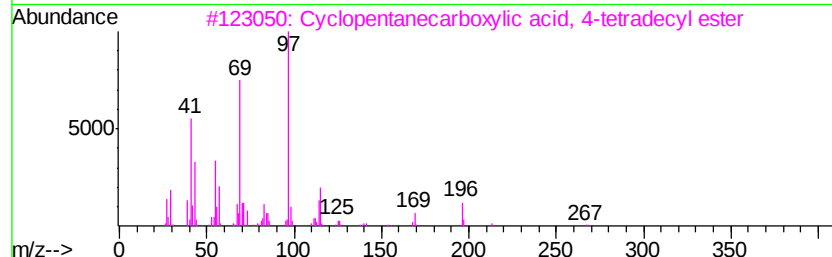
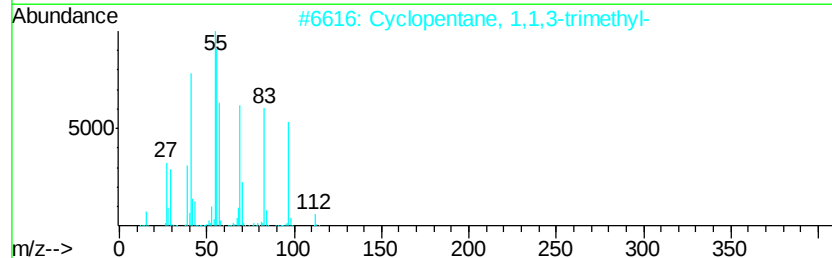
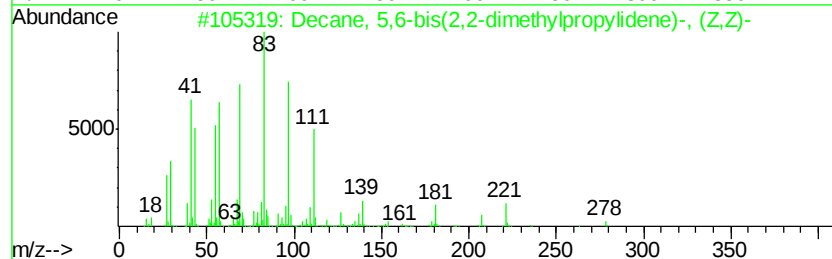
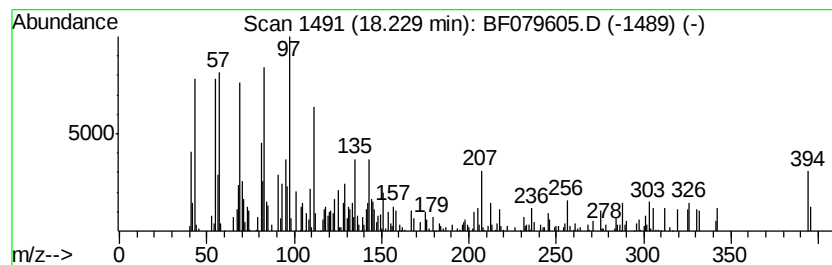
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 unknown18.23 Concentration Rank 17

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 18.23 | 2.64 ng | 92623 | Perylene-d12     | 17.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Decane, 5,6-bis(2,2-dimethylprop... | 278 | C20H38   | 073002-85-4  | 49   |
| 2    |    | Cyclopentane, 1,1,3-trimethyl-      | 112 | C8H16    | 004516-69-2  | 46   |
| 3    |    | Cyclopentanecarboxylic acid, 4-t... | 310 | C20H38O2 | 1000280-58-9 | 38   |
| 4    |    | 2(5H)-Furanone, 5,5-dimethyl-       | 112 | C6H8O2   | 020019-64-1  | 38   |
| 5    |    | 2,4-Dimethyl-1,5-diazabicyclo[3.... | 112 | C6H12N2  | 1000283-20-9 | 38   |





Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

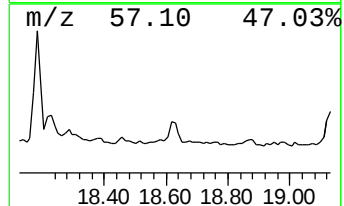
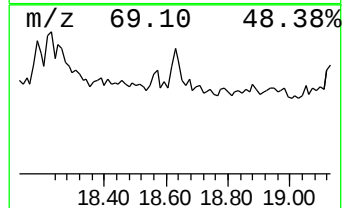
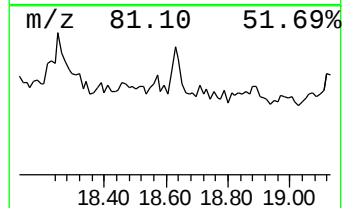
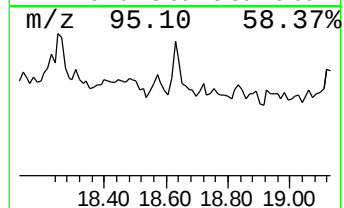
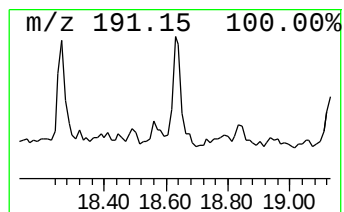
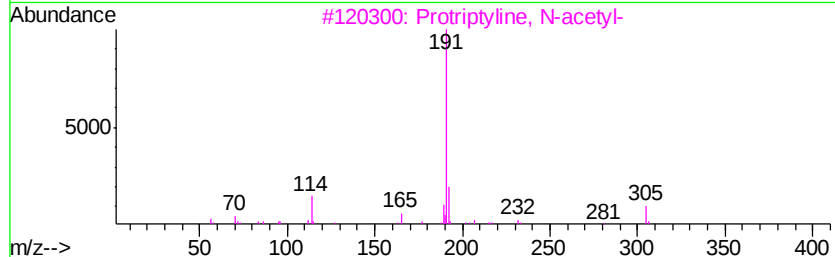
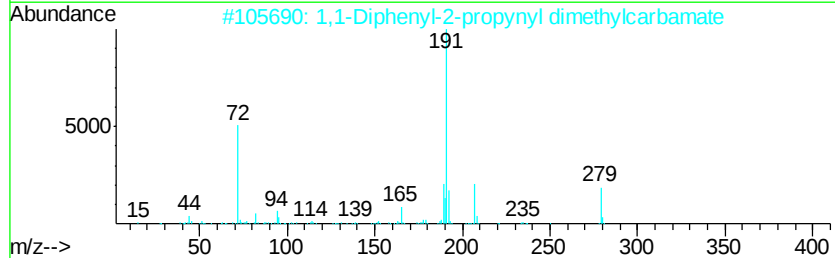
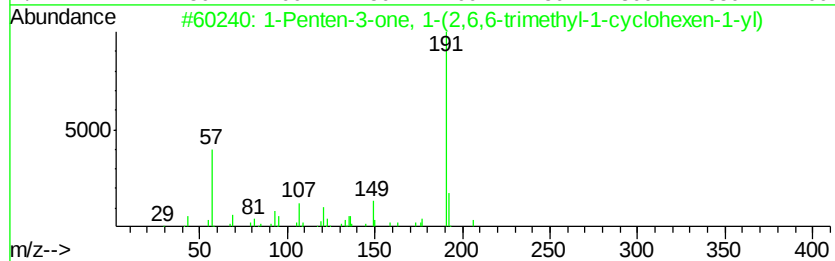
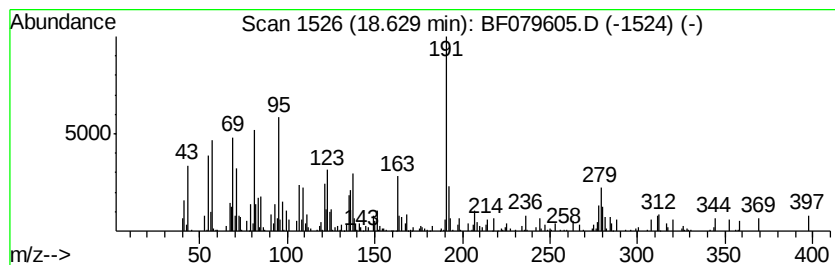
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 unknown18.63 Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.63 | 3.02 ng | 106037 | Perylene-d12     | 17.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 1-Penten-3-one, 1-(2,6,6-trimeth... | 206 | C14H22O    | 000127-43-5 | 38   |
| 2    |    | 1,1-Diphenyl-2-propynyl dimethyl... | 279 | C18H17N02  | 010473-88-8 | 35   |
| 3    |    | Protriptyline, N-acetyl-            | 305 | C21H23NO   | 023047-28-1 | 27   |
| 4    |    | Anthracene, 9-[2,2-bis(hydroxyme... | 280 | C19H20O2   | 144000-85-1 | 27   |
| 5    |    | Propanamide, N-(2,3-dihydro-3-me... | 220 | C11H12N2OS | 332413-15-7 | 27   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

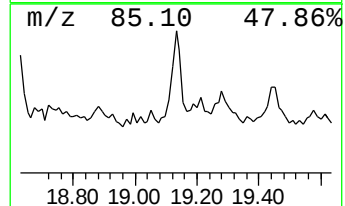
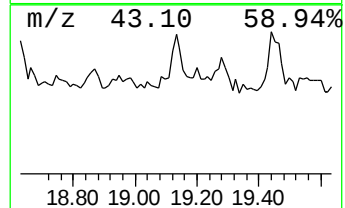
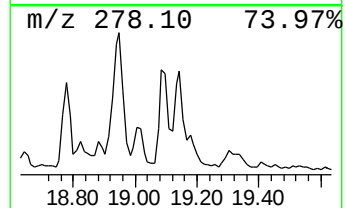
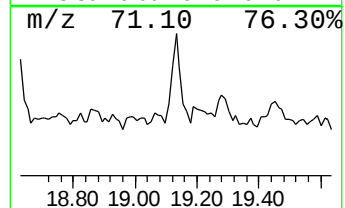
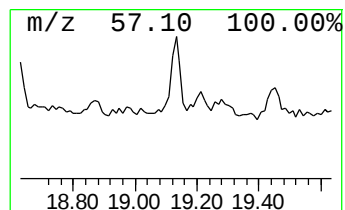
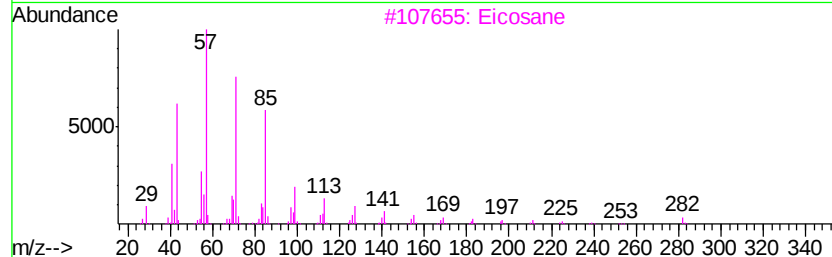
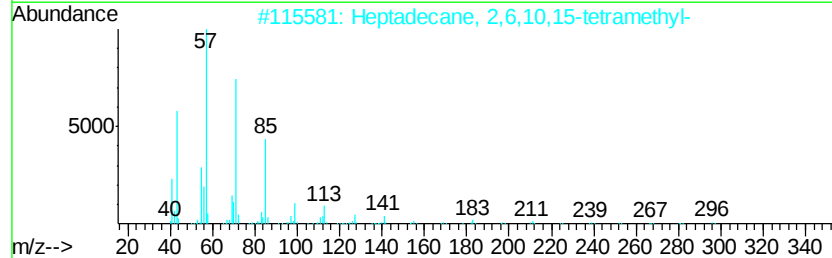
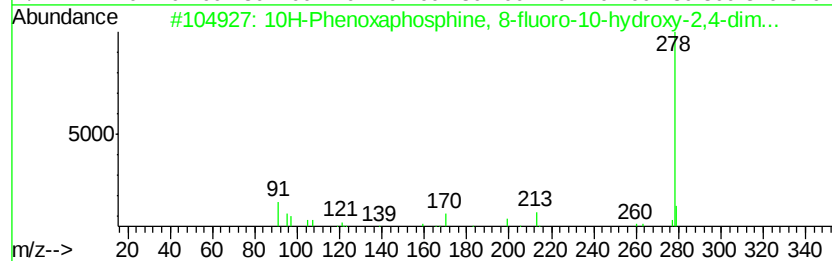
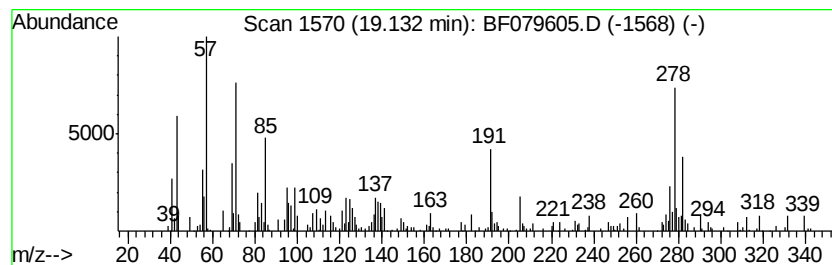
Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.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 19 unknown19.13 Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.13     | 3.51 ng                             | 123332 | Perylene-d12     | 17.60       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 10H-Phenoxaphosphine, 8-fluoro-1... | 278    | C14H12F03P       | 037041-13-7 | 43   |
| 2         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6 | 38   |
| 3         | Eicosane                            | 282    | C20H42           | 000112-95-8 | 38   |
| 4         | Hexadecane, 7,9-dimethyl-           | 254    | C18H38           | 021164-95-4 | 38   |
| 5         | 1,2:7,8-Dibenzophenanthrene         | 278    | C22H14           | 000213-46-7 | 38   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
Data File : BF079605.D  
Acq On : 30 May 2015 16:17  
Operator : TP/IZ  
Sample : G2416-24  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

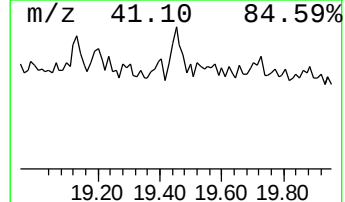
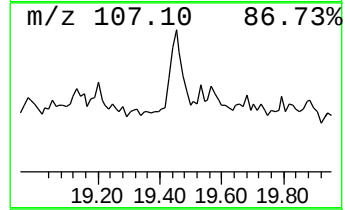
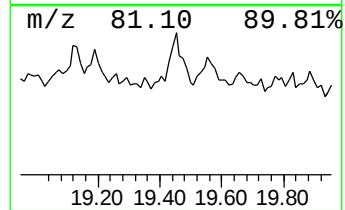
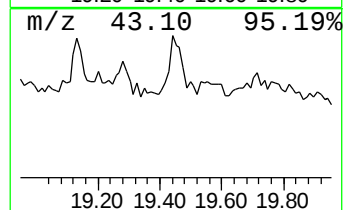
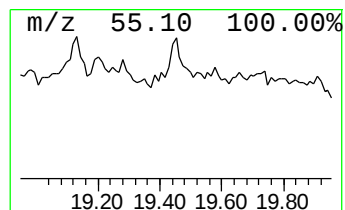
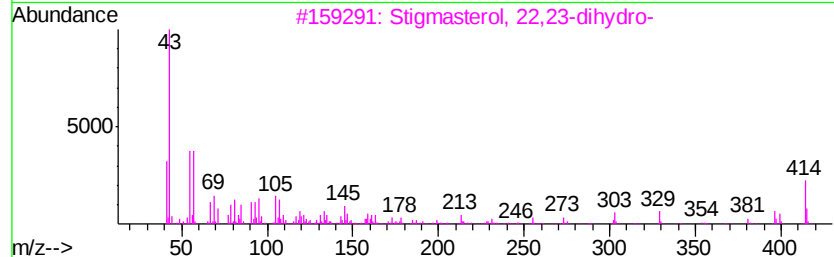
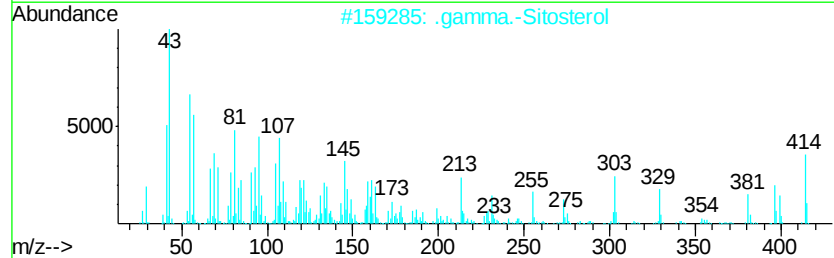
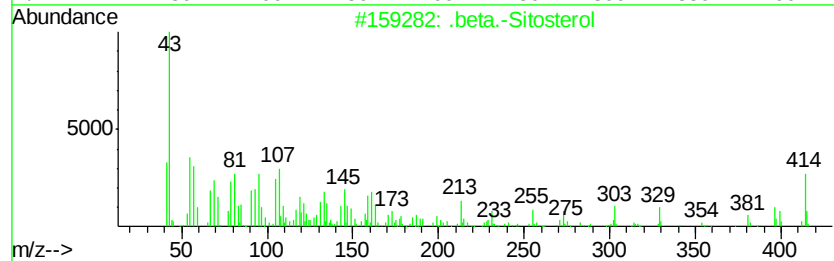
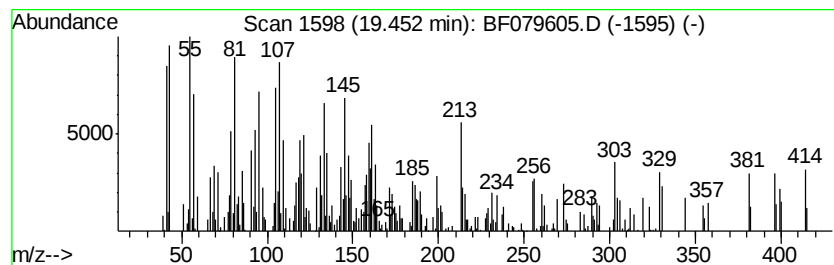
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 .beta.-Sitosterol Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.45 | 5.57 ng | 195628 | Perylene-d12     | 17.60 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------|-----|---------|--------------|------|
| 1    |    |   | .beta.-Sitosterol             | 414 | C29H50O | 000083-46-5  | 95   |
| 2    |    |   | .gamma.-Sitosterol            | 414 | C29H50O | 000083-47-6  | 95   |
| 3    |    |   | Stigmasterol, 22,23-dihydro-  | 414 | C29H50O | 1000214-20-7 | 53   |
| 4    |    |   | 5-Cholestene-3-ol, 24-methyl- | 400 | C28H48O | 1000214-17-4 | 30   |
| 5    |    |   | Ergost-5-en-3-ol, (3.beta.)-  | 400 | C28H48O | 004651-51-8  | 30   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053015\  
 Data File : BF079605.D  
 Acq On : 30 May 2015 16:17  
 Operator : TP/IZ  
 Sample : G2416-24  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PJBLVD10.1(2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052615.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 |
| 2-Pentanone, 4-hy... | 4.64  | 4.2 ng  |       | 83852    | 1                     | 6.94  | 396460  | 20.0 |
| unknown6.65          | 6.65  | 82.0 ng |       | 1624730  | 1                     | 6.94  | 396460  | 20.0 |
| Phenanthrene, 2-m... | 13.17 | 2.2 ng  |       | 69599    | 4                     | 12.50 | 642366  | 20.0 |
| Benzaldehyde, 3,5... | 13.27 | 6.6 ng  |       | 211760   | 4                     | 12.50 | 642366  | 20.0 |
| 11H-Benzo[a]fluorene | 14.71 | 2.3 ng  |       | 113607   | 5                     | 15.79 | 1010580 | 20.0 |
| 3-Eicosene, (E)-     | 15.69 | 7.4 ng  |       | 372254   | 5                     | 15.79 | 1010580 | 20.0 |
| Heptadecane          | 16.13 | 2.2 ng  |       | 111428   | 5                     | 15.79 | 1010580 | 20.0 |
| Hexadecane           | 16.54 | 4.0 ng  |       | 199553   | 5                     | 15.79 | 1010580 | 20.0 |
| Octadecane, 1-iodo-  | 16.95 | 3.0 ng  |       | 105448   | 6                     | 17.60 | 702683  | 20.0 |
| Nonadecane           | 17.36 | 6.9 ng  |       | 241152   | 6                     | 17.60 | 702683  | 20.0 |
| Docosane             | 18.18 | 3.3 ng  |       | 116231   | 6                     | 17.60 | 702683  | 20.0 |
| unknown18.23         | 18.23 | 2.6 ng  |       | 92623    | 6                     | 17.60 | 702683  | 20.0 |
| unknown18.27         | 18.27 | 5.6 ng  |       | 197992   | 6                     | 17.60 | 702683  | 20.0 |
| unknown18.63         | 18.63 | 3.0 ng  |       | 106037   | 6                     | 17.60 | 702683  | 20.0 |
| unknown19.13         | 19.13 | 3.5 ng  |       | 123332   | 6                     | 17.60 | 702683  | 20.0 |
| .beta.-Sitosterol    | 19.45 | 5.6 ng  |       | 195628   | 6                     | 17.60 | 702683  | 20.0 |