

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\  
 Data File : BP000882.D  
 Acq On : 18 Oct 2019 17:50  
 Operator : JU  
 Sample : K5392-03 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-22A-S

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:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP100119.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.363       | 553           | 557         | 575          | rBV      | 1239645        | 1178770       | 55.14%          | 5.130%        |
| 2         | 6.381       | 727           | 730         | 744          | rBV      | 1416799        | 1284679       | 60.09%          | 5.591%        |
| 3         | 6.510       | 749           | 752         | 760          | rVV      | 1534195        | 1348419       | 63.08%          | 5.868%        |
| 4         | 6.740       | 788           | 791         | 799          | rBV      | 1137381        | 890577        | 41.66%          | 3.876%        |
| 5         | 6.899       | 814           | 818         | 821          | rBV      | 1317057        | 1129447       | 52.83%          | 4.915%        |
| 6         | 7.299       | 883           | 886         | 892          | rVV      | 999759         | 758279        | 35.47%          | 3.300%        |
| 7         | 7.346       | 892           | 894         | 898          | rVB      | 38618          | 28660         | 1.34%           | 0.125%        |
| 8         | 8.022       | 1005          | 1009        | 1013         | rBV      | 1459398        | 1186790       | 55.52%          | 5.165%        |
| 9         | 8.322       | 1055          | 1060        | 1063         | rBV6     | 17496          | 25663         | 1.20%           | 0.112%        |
| 10        | 8.628       | 1108          | 1112        | 1115         | rBV      | 73633          | 68913         | 3.22%           | 0.300%        |
| 11        | 9.057       | 1182          | 1185        | 1189         | rVB2     | 31145          | 25809         | 1.21%           | 0.112%        |
| 12        | 9.104       | 1189          | 1193        | 1196         | rBV      | 2400597        | 1848557       | 86.47%          | 8.044%        |
| 13        | 9.193       | 1204          | 1208        | 1212         | rBV2     | 95687          | 89657         | 4.19%           | 0.390%        |
| 14        | 9.498       | 1257          | 1260        | 1265         | rBV      | 441665         | 396242        | 18.54%          | 1.724%        |
| 15        | 9.728       | 1296          | 1299        | 1303         | rVB      | 75705          | 60530         | 2.83%           | 0.263%        |
| 16        | 9.787       | 1305          | 1309        | 1312         | rVV      | 1818833        | 1391821       | 65.11%          | 6.057%        |
| 17        | 10.228      | 1381          | 1384        | 1387         | rVB      | 77321          | 55584         | 2.60%           | 0.242%        |
| 18        | 10.451      | 1419          | 1422        | 1428         | rVB      | 36622          | 35550         | 1.66%           | 0.155%        |
| 19        | 10.581      | 1440          | 1444        | 1457         | rBV      | 1276609        | 1081815       | 50.61%          | 4.708%        |
| 20        | 10.704      | 1462          | 1465        | 1467         | rBV      | 86039          | 87485         | 4.09%           | 0.381%        |
| 21        | 11.157      | 1539          | 1542        | 1545         | rBV2     | 78697          | 65136         | 3.05%           | 0.283%        |
| 22        | 11.187      | 1545          | 1547        | 1553         | rVB      | 47154          | 49067         | 2.30%           | 0.214%        |
| 23        | 11.287      | 1560          | 1564        | 1567         | rBV      | 1706804        | 1489703       | 69.69%          | 6.483%        |
| 24        | 11.357      | 1573          | 1576        | 1578         | rVB      | 39392          | 37327         | 1.75%           | 0.162%        |
| 25        | 11.592      | 1613          | 1616        | 1619         | rBV      | 80826          | 64577         | 3.02%           | 0.281%        |
| 26        | 12.004      | 1683          | 1686        | 1689         | rBV      | 89250          | 76286         | 3.57%           | 0.332%        |
| 27        | 12.287      | 1732          | 1734        | 1738         | rVB      | 30079          | 28724         | 1.34%           | 0.125%        |
| 28        | 12.398      | 1750          | 1753        | 1757         | rVB      | 116658         | 96890         | 4.53%           | 0.422%        |
| 29        | 12.745      | 1810          | 1812        | 1814         | rBV2     | 41782          | 38954         | 1.82%           | 0.170%        |
| 30        | 12.775      | 1814          | 1817        | 1819         | rVV      | 129032         | 109076        | 5.10%           | 0.475%        |
| 31        | 12.892      | 1833          | 1837        | 1840         | rBV      | 2341646        | 2137747       | 100.00%         | 9.303%        |
| 32        | 13.134      | 1875          | 1878        | 1881         | rBV2     | 143063         | 133371        | 6.24%           | 0.580%        |
| 33        | 13.481      | 1934          | 1937        | 1940         | rBV2     | 191845         | 181267        | 8.48%           | 0.789%        |
| 34        | 13.816      | 1991          | 1994        | 2003         | rVB2     | 307247         | 389500        | 18.22%          | 1.695%        |

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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-22A-S

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:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP100119.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 35 | 13.963 | 2015 | 2019 | 2024 | rVB | 1664273 | 1506949 | 70.49% | 6.558% |
| 36 | 14.139 | 2046 | 2049 | 2052 | rVB | 196769  | 169956  | 7.95%  | 0.740% |
| 37 | 14.445 | 2099 | 2101 | 2104 | rBV | 224126  | 192126  | 8.99%  | 0.836% |
| 38 | 14.757 | 2151 | 2154 | 2157 | rBV | 246041  | 252892  | 11.83% | 1.101% |
| 39 | 15.092 | 2209 | 2211 | 2216 | rVB | 237486  | 249741  | 11.68% | 1.087% |
| 40 | 15.439 | 2266 | 2270 | 2274 | rBV | 1317386 | 1593293 | 74.53% | 6.934% |
| 41 | 15.916 | 2348 | 2351 | 2355 | rVB | 168554  | 212450  | 9.94%  | 0.925% |
| 42 | 16.139 | 2386 | 2389 | 2401 | rVB | 209194  | 424013  | 19.83% | 1.845% |
| 43 | 16.575 | 2459 | 2463 | 2476 | rVB | 259699  | 507101  | 23.72% | 2.207% |

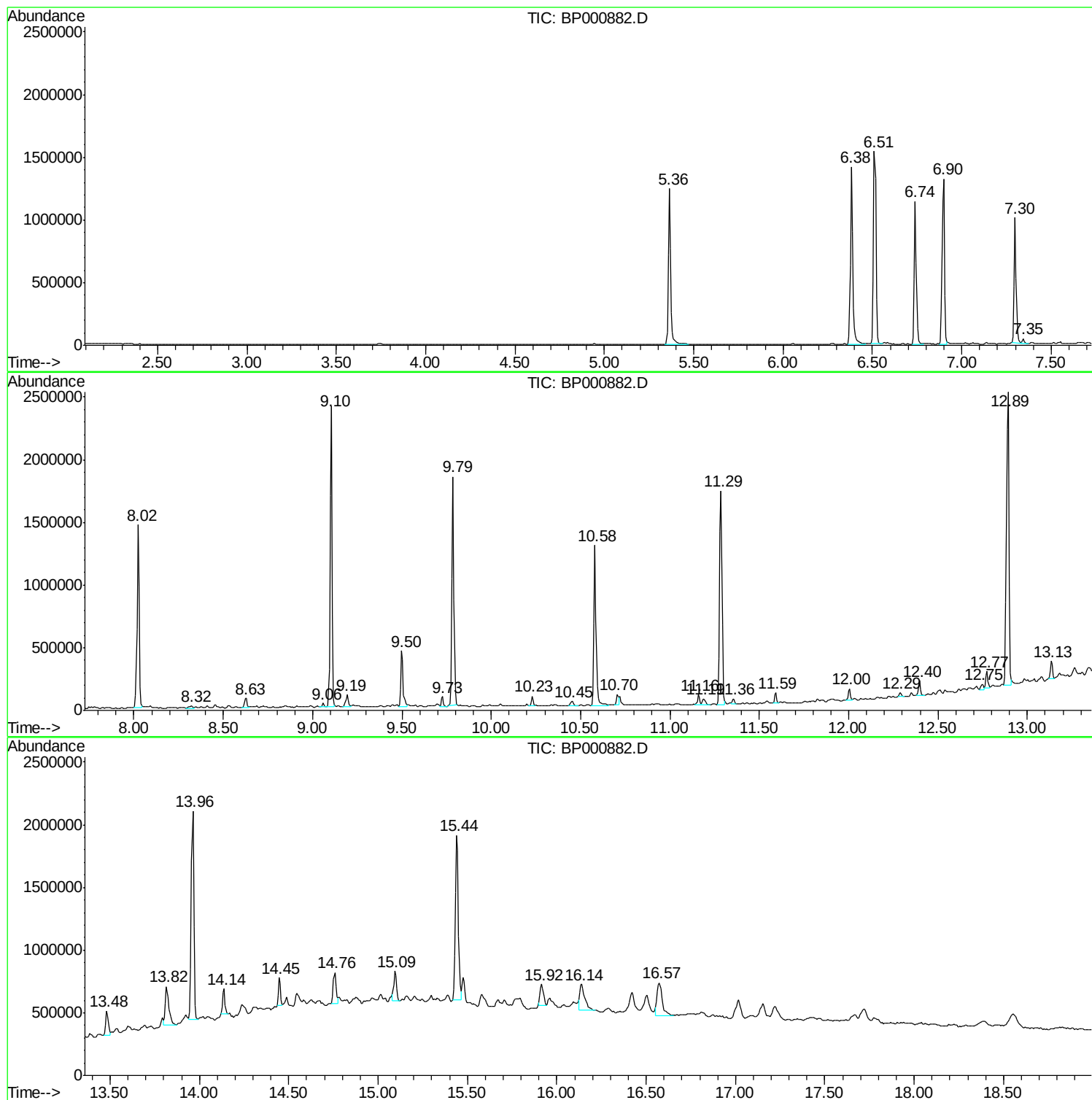
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Instrument :  
BNA\_P  
ClientSampled :  
TP-22A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

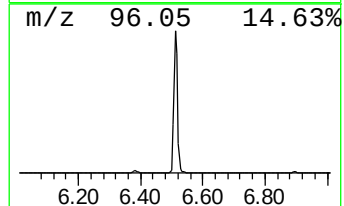
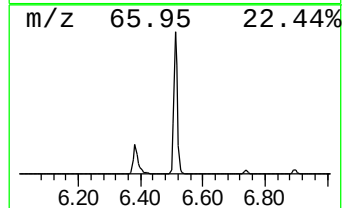
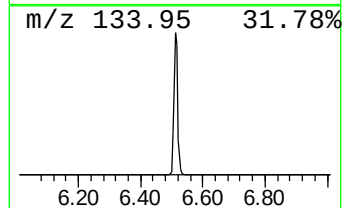
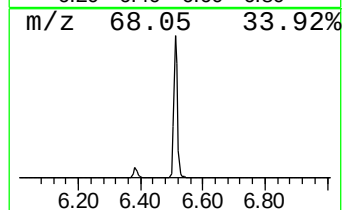
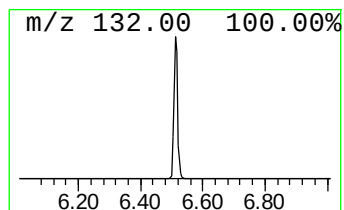
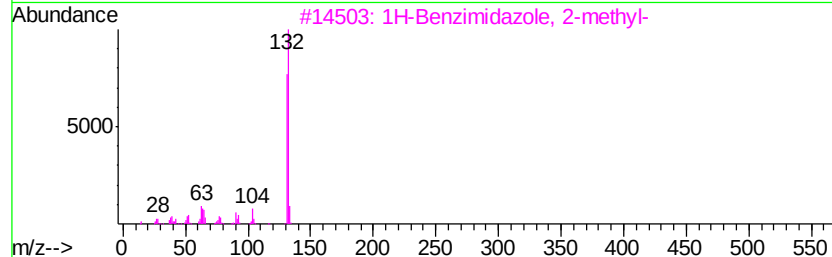
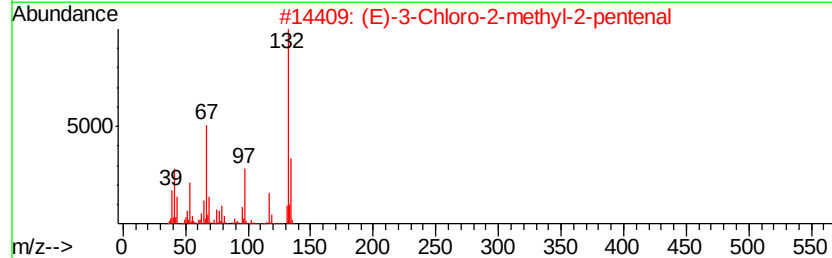
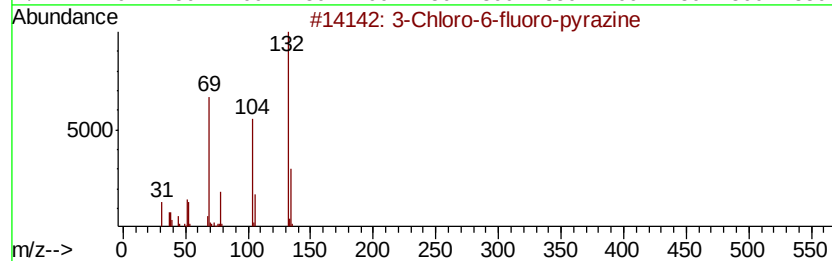
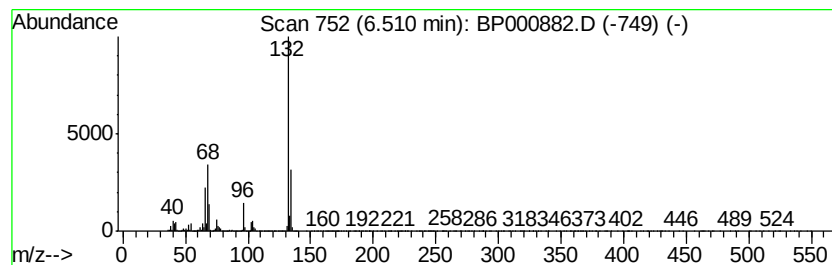
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.51 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.51 | 30.28 ng | 1348420 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 10   |
| 4    |    | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2    | 1000241-93-9 | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

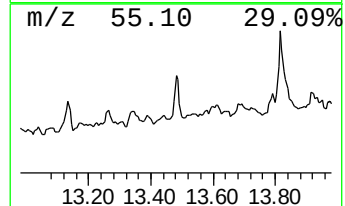
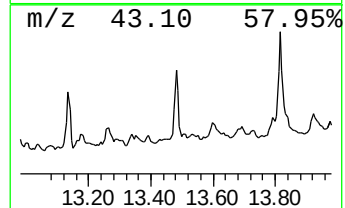
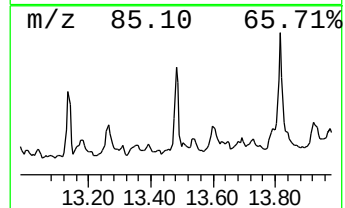
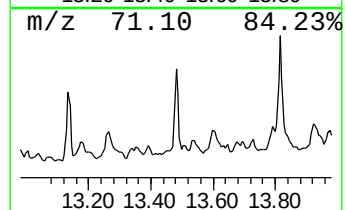
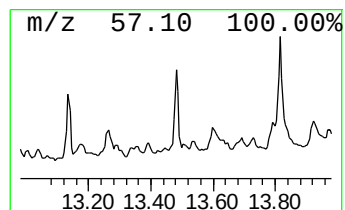
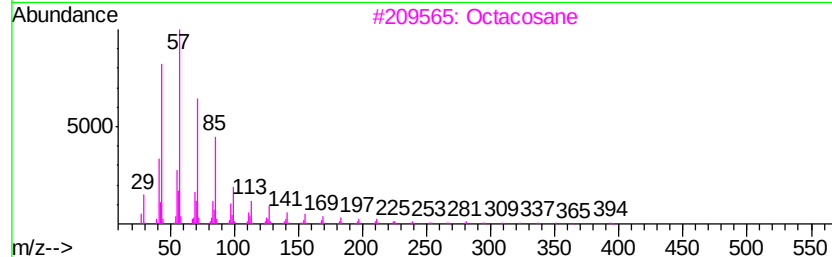
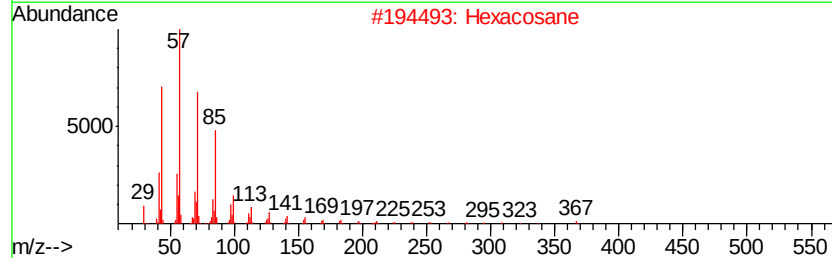
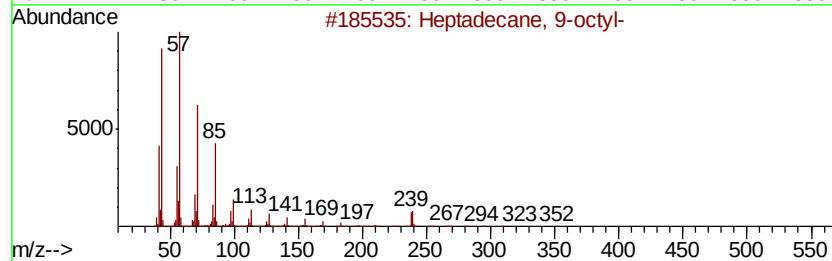
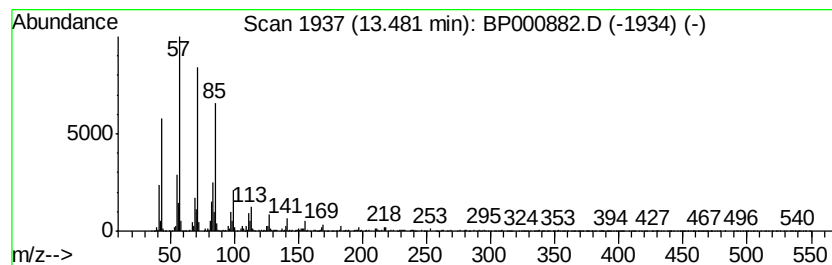
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 3 Hexacosane Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.48 | 2.41 ng | 181267 | Chrysene-d12     | 13.96 |

| Hit# of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------|-----|---------|-------------|------|
| 1       |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 2       |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 3       |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |
| 4       |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 90   |
| 5       |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 90   |



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ALS Vial : 10 Sample Multiplier: 1

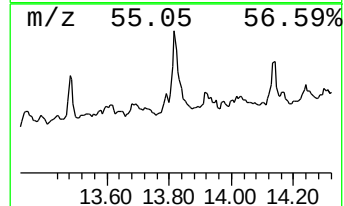
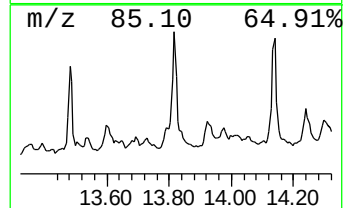
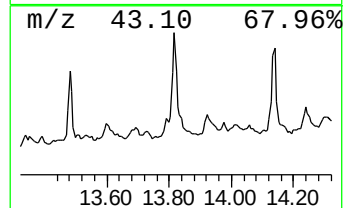
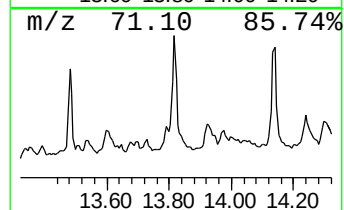
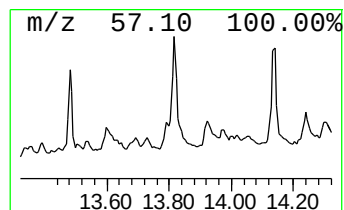
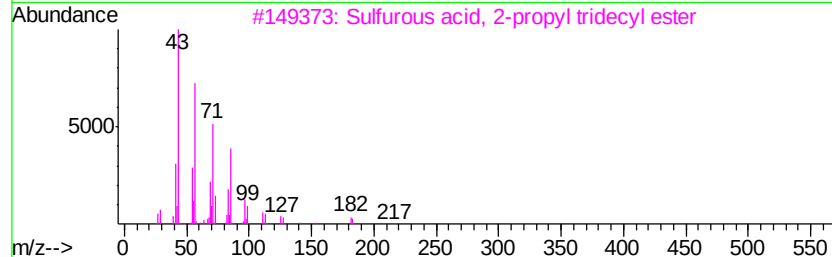
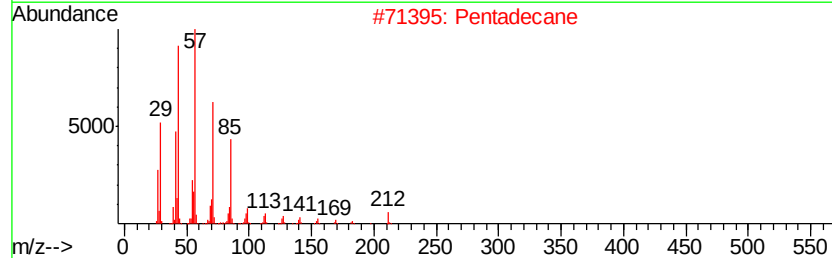
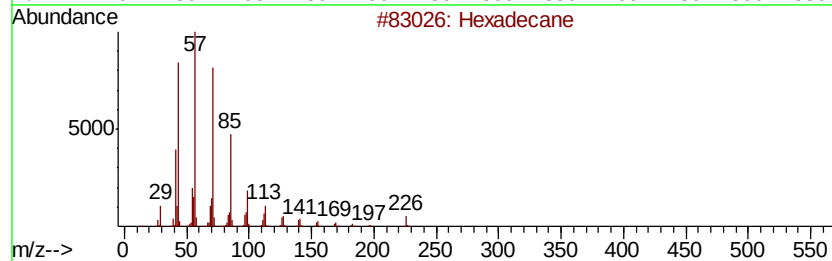
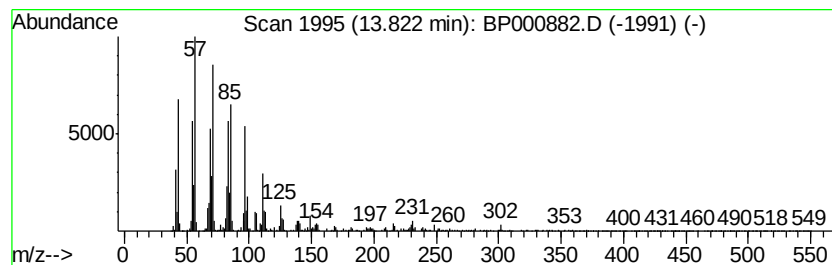
Instrument :  
BNA\_P  
ClientSampleId :  
TP-22A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Hexadecane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD                     |     | R.T.      |              |      |
|-------|---------|--------|--------------------------------------|-----|-----------|--------------|------|
| 13.82 | 5.17 ng | 389500 | Chrysene-d12                         |     | 13.96     |              |      |
| Hit#  | of      | 5      | Tentative ID                         | MW  | MolForm   | CAS#         | Qual |
| 1     |         |        | Hexadecane                           | 226 | C16H34    | 000544-76-3  | 94   |
| 2     |         |        | Pentadecane                          | 212 | C15H32    | 000629-62-9  | 92   |
| 3     |         |        | Sulfurous acid, 2-propyl tridecyl-   | 306 | C16H34O3S | 1000309-12-4 | 91   |
| 4     |         |        | Sulfurous acid, pentadecyl 2-propyl- | 334 | C18H38O3S | 1000309-12-6 | 91   |
| 5     |         |        | Docosane, 9-octyl-                   | 422 | C30H62    | 055319-83-0  | 90   |



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Instrument :  
BNA\_P  
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TP-22A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

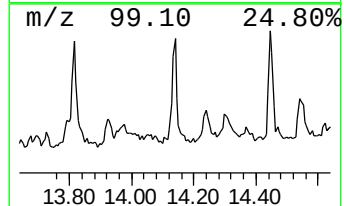
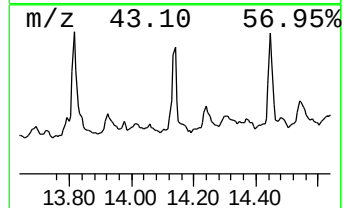
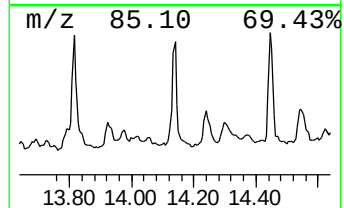
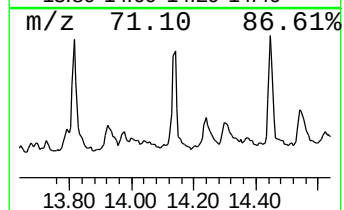
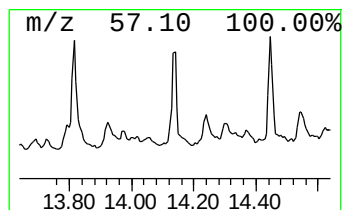
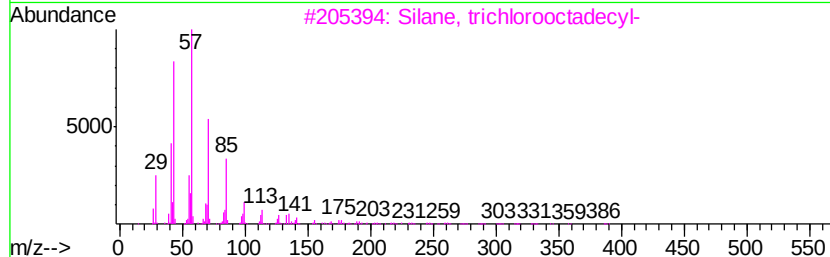
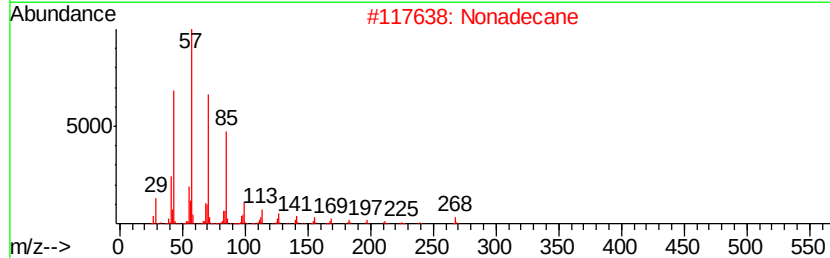
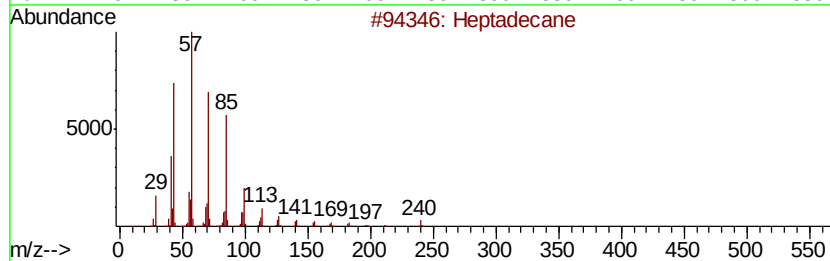
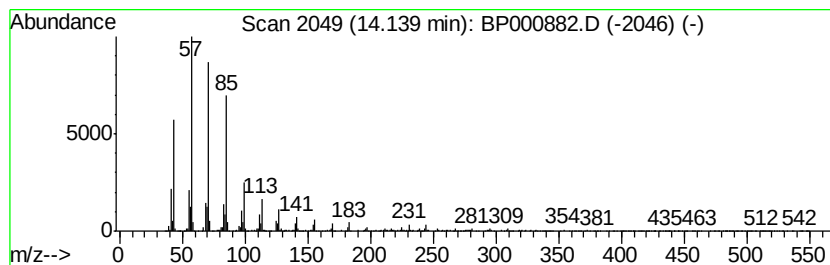
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Heptadecane Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.14 | 2.26 ng | 169956 | Chrysene-d12     | 13.96 |

| Hit# of | 5                           | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|---------|-----------------------------|--------------|-----|-------------|-------------|------|
| 1       | Heptadecane                 |              | 240 | C17H36      | 000629-78-7 | 94   |
| 2       | Nonadecane                  |              | 268 | C19H40      | 000629-92-5 | 94   |
| 3       | Silane, trichlorooctadecyl- |              | 386 | C18H37Cl3Si | 000112-04-9 | 91   |
| 4       | Tetracosane                 |              | 338 | C24H50      | 000646-31-1 | 91   |
| 5       | Heneicosane                 |              | 296 | C21H44      | 000629-94-7 | 91   |



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Instrument :  
BNA\_P  
ClientSampleId :  
TP-22A-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

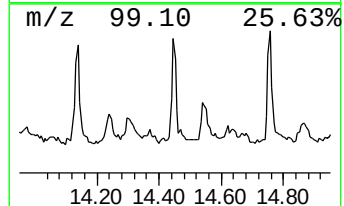
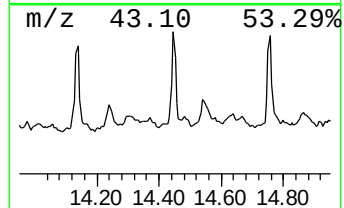
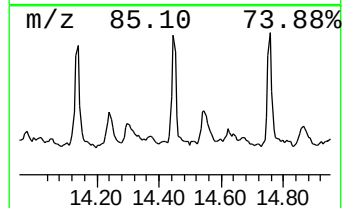
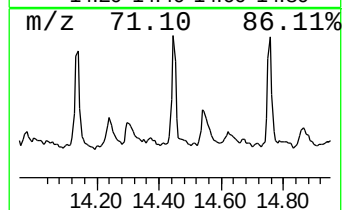
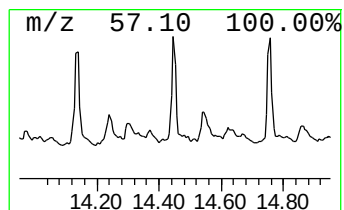
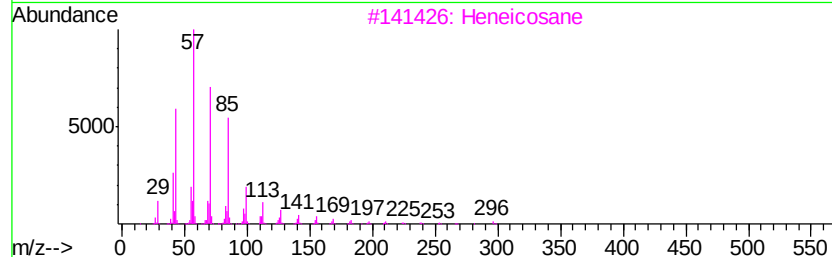
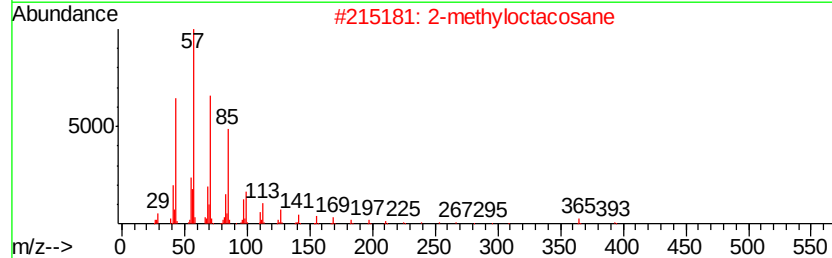
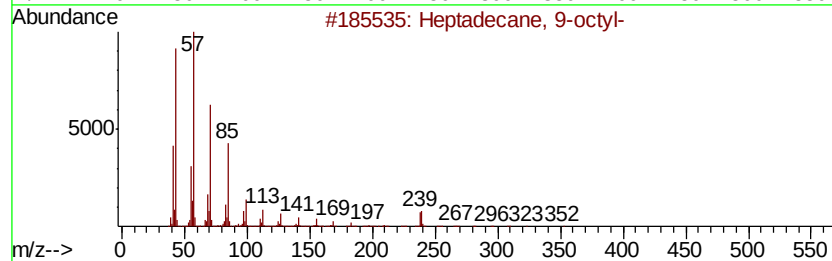
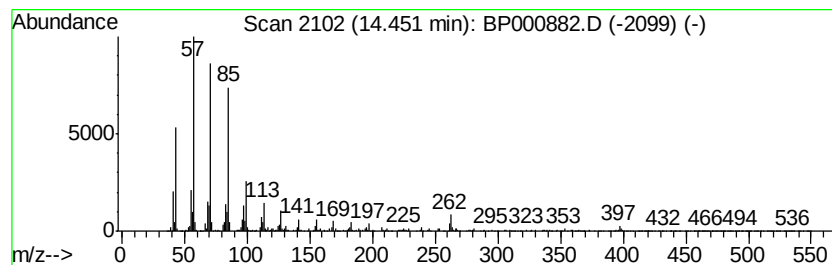
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.45 | 2.55 ng | 192126 | Chrysene-d12     | 13.96 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 93   |
| 2    |    | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |    | triacontane           | 422 | C30H62  | 000638-68-6  | 91   |
| 5    |    | Hexacosane            | 366 | C26H54  | 000630-01-3  | 87   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\  
Data File : BP000882.D  
Acq On : 18 Oct 2019 17:50  
Operator : JU  
Sample : K5392-03 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

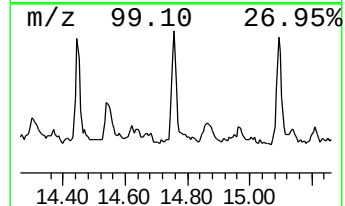
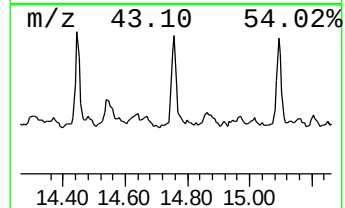
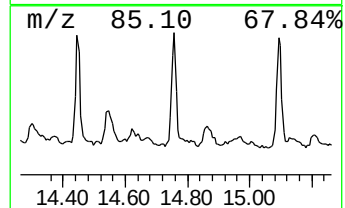
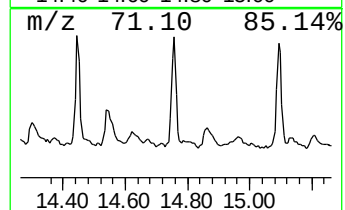
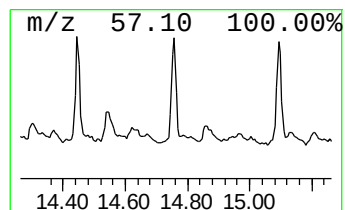
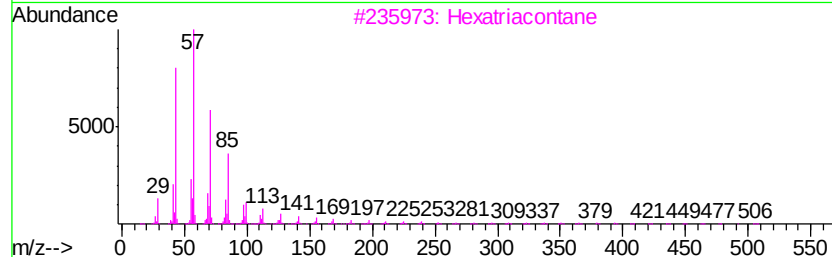
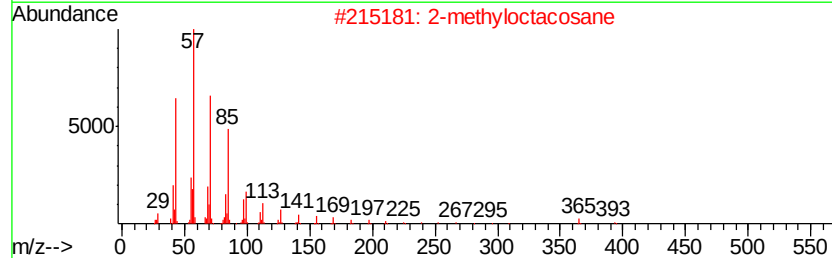
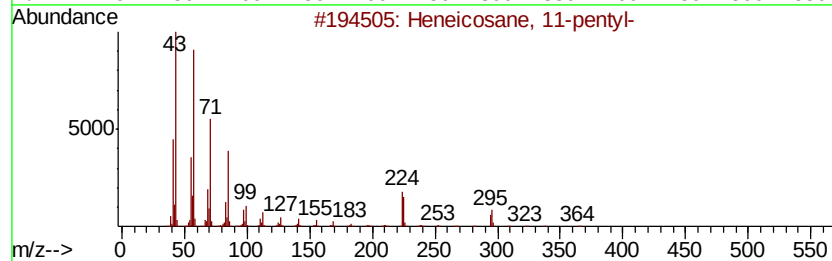
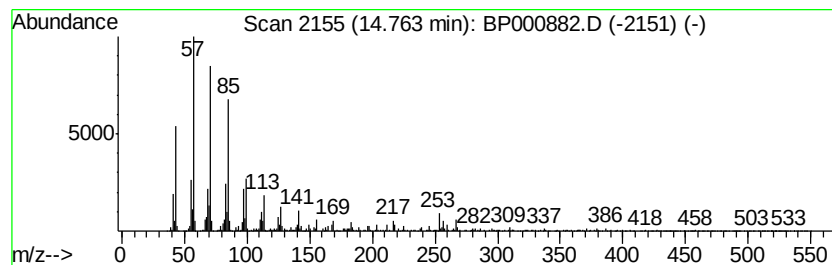
Instrument :  
BNA\_P  
ClientSampleId :  
TP-22A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Heneicosane, 11-pentyl- Concentration Rank 6

| R.T.    | EstConc                          | Area         | Relative to ISTD | R.T.      |
|---------|----------------------------------|--------------|------------------|-----------|
| 14.76   | 3.17 ng                          | 252892       | Perylene-d12     | 15.44     |
| Hit# of | 5                                | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heneicosane, 11-pentyl-          | 366 C26H54   | 014739-72-1      | 91        |
| 2       | 2-methyloctacosane               | 408 C29H60   | 1000376-72-8     | 91        |
| 3       | Hexatriacontane                  | 507 C36H74   | 000630-06-8      | 91        |
| 4       | Heptacosane                      | 380 C27H56   | 000593-49-7      | 91        |
| 5       | Heneicosane, 11-(1-ethylpropyl)- | 366 C26H54   | 055282-11-6      | 91        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\  
Data File : BP000882.D  
Acq On : 18 Oct 2019 17:50  
Operator : JU  
Sample : K5392-03 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-22A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

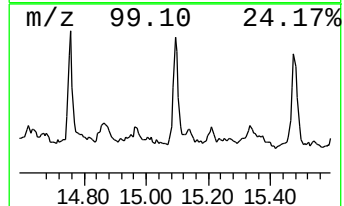
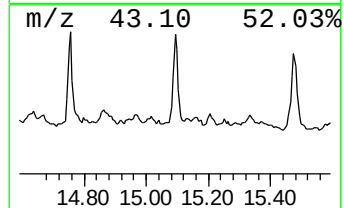
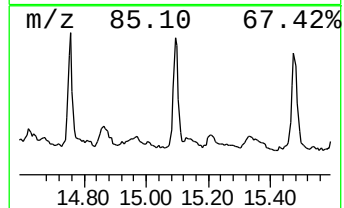
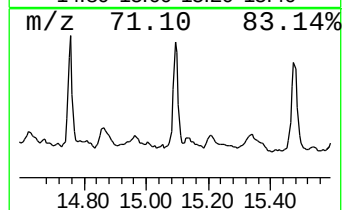
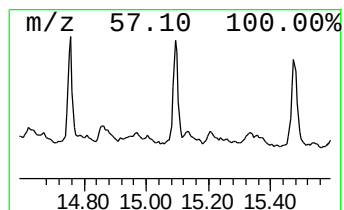
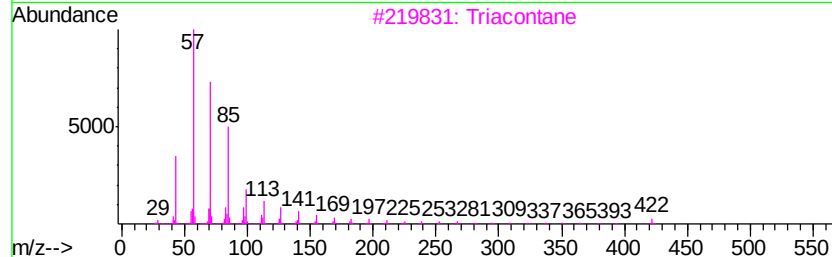
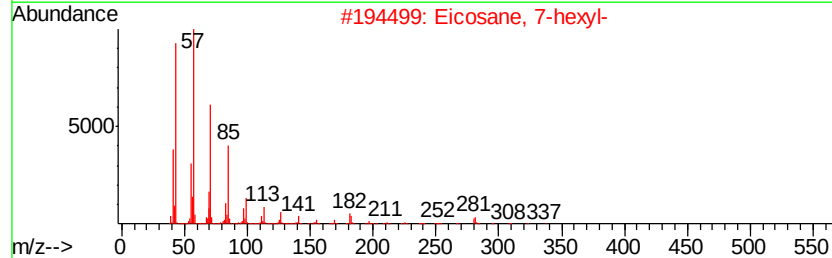
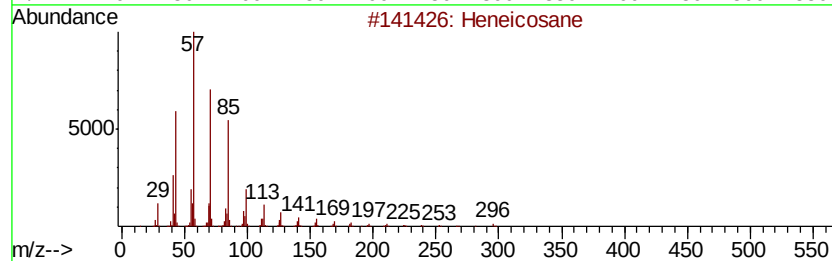
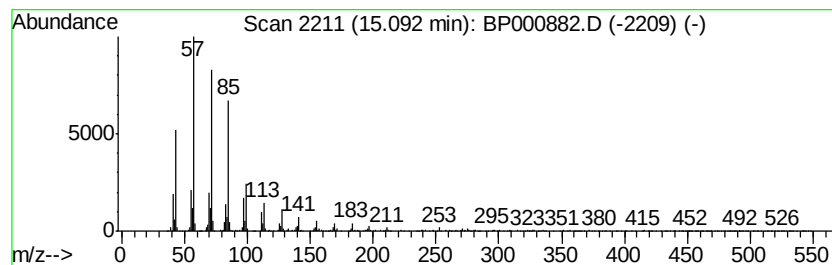
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heneicosane Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.09 | 3.13 ng | 249741 | Perylene-d12     | 15.44 |

| Hit# of | 5                  | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|--------------------|--------------|-----|---------|-------------|------|
| 1       | Heneicosane        |              | 296 | C21H44  | 000629-94-7 | 91   |
| 2       | Eicosane, 7-hexyl- |              | 366 | C26H54  | 055333-99-8 | 91   |
| 3       | Triacontane        |              | 422 | C30H62  | 000638-68-6 | 91   |
| 4       | Tetracosane        |              | 338 | C24H50  | 000646-31-1 | 91   |
| 5       | Docosane           |              | 310 | C22H46  | 000629-97-0 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\  
Data File : BP000882.D  
Acq On : 18 Oct 2019 17:50  
Operator : JU  
Sample : K5392-03 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-22A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

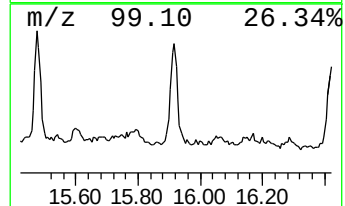
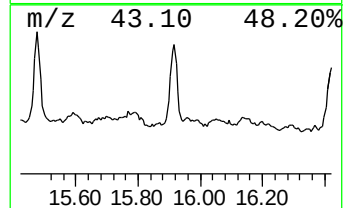
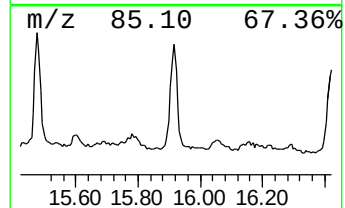
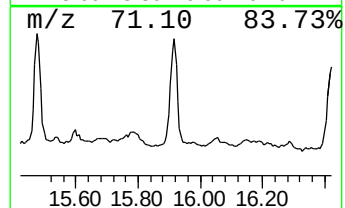
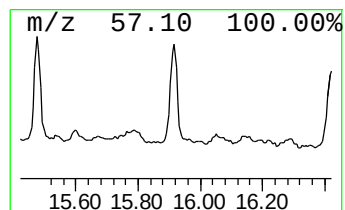
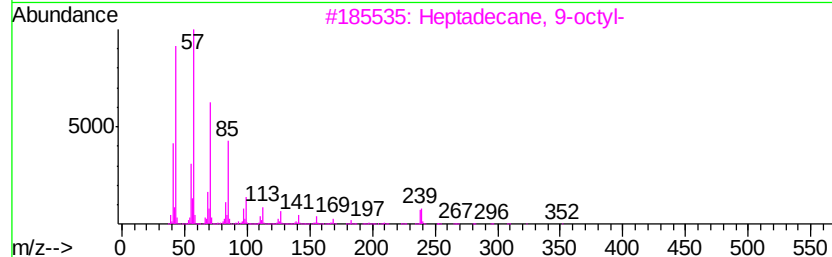
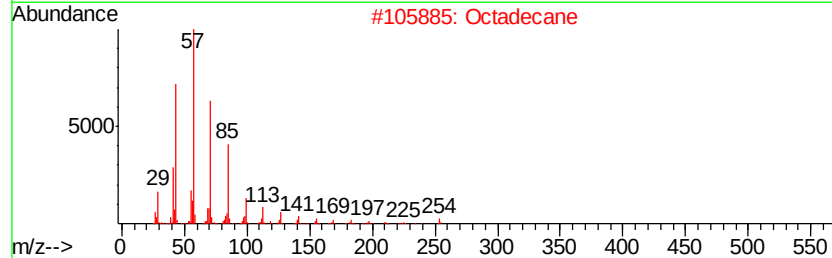
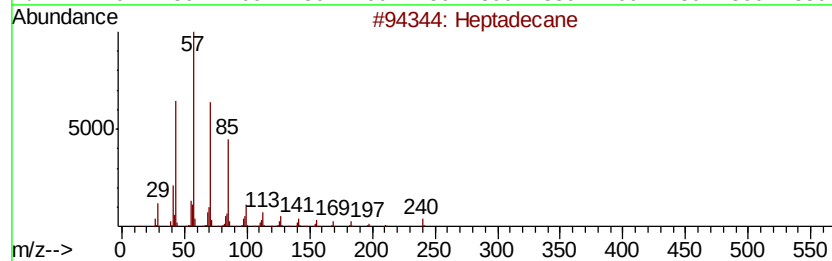
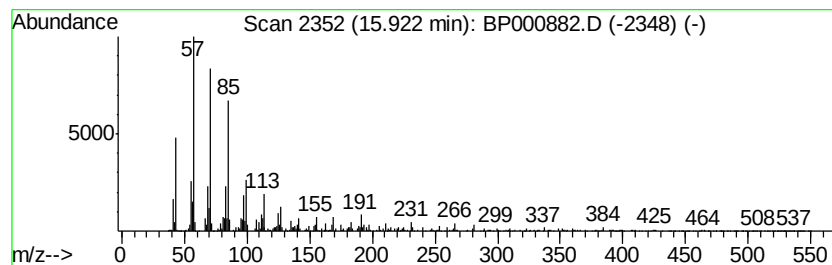
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 2-methyloctacosane Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.92 | 2.67 ng | 212450 | Perylene-d12     | 15.44 |

| Hit# of | 5                     | Tentative ID | MW  | MolForm | CAS#         | Qual |
|---------|-----------------------|--------------|-----|---------|--------------|------|
| 1       | Heptadecane           |              | 240 | C17H36  | 000629-78-7  | 95   |
| 2       | Octadecane            |              | 254 | C18H38  | 000593-45-3  | 93   |
| 3       | Heptadecane, 9-octyl- |              | 352 | C25H52  | 007225-64-1  | 93   |
| 4       | Hexacosane            |              | 366 | C26H54  | 000630-01-3  | 91   |
| 5       | 2-methyloctacosane    |              | 408 | C29H60  | 1000376-72-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\  
Data File : BP000882.D  
Acq On : 18 Oct 2019 17:50  
Operator : JU  
Sample : K5392-03 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-22A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

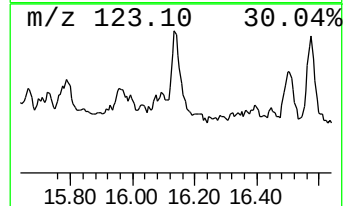
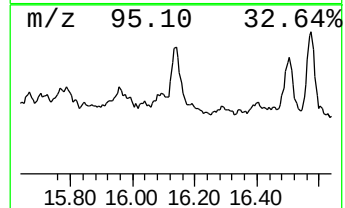
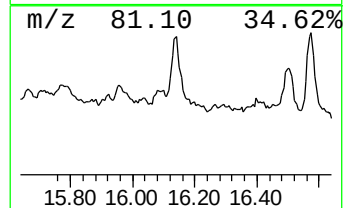
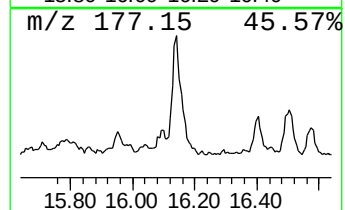
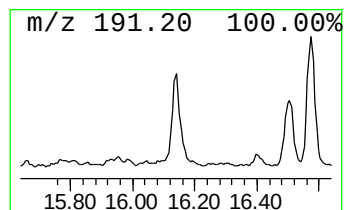
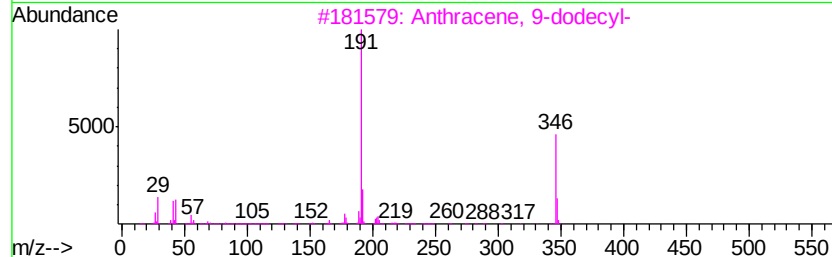
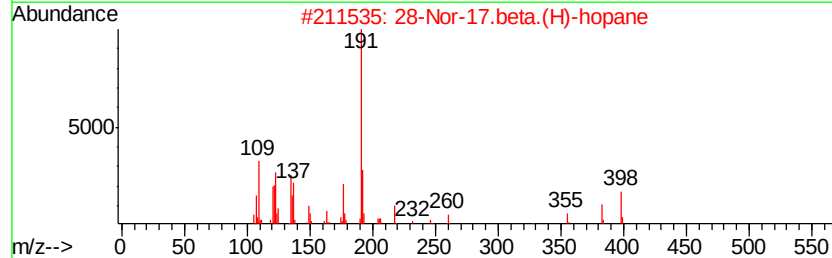
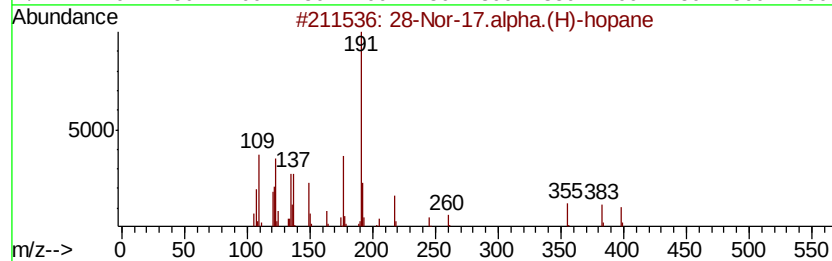
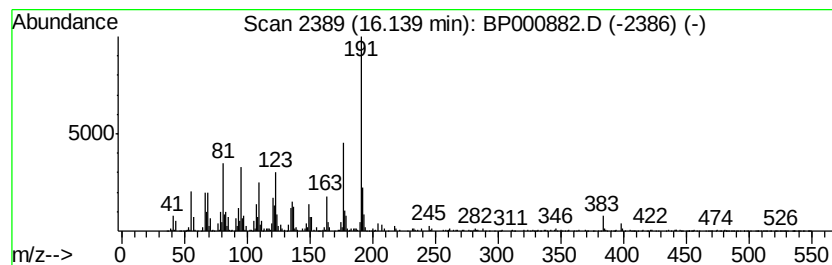
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown16.14 Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.14 | 5.32 ng | 424013 | Perylene-d12     | 15.44 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | 28-Nor-17.alpha.(H)-hopane | 398 | C29H50  | 053584-60-4 | 46   |
| 2    |    | 28-Nor-17.beta.(H)-hopane  | 398 | C29H50  | 036728-72-0 | 38   |
| 3    |    | Anthracene, 9-dodecyl-     | 346 | C26H34  | 002883-70-7 | 38   |
| 4    |    | Anthracene, 9-butyl-       | 234 | C18H18  | 001498-69-7 | 35   |
| 5    |    | 4H-Benzo[def]carbazole     | 191 | C14H9N  | 000203-65-6 | 35   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\  
Data File : BP000882.D  
Acq On : 18 Oct 2019 17:50  
Operator : JU  
Sample : K5392-03 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-22A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

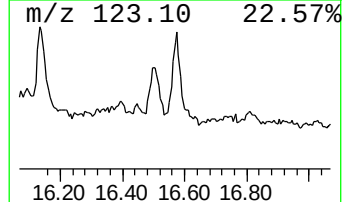
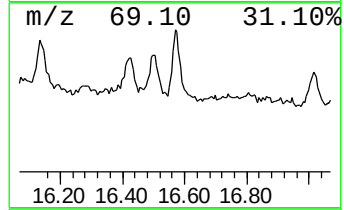
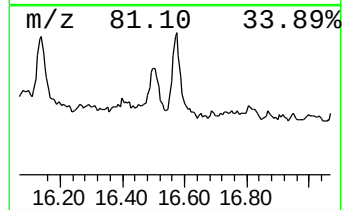
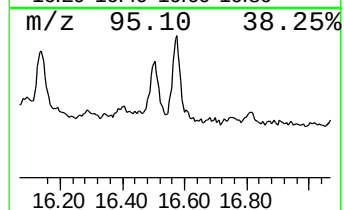
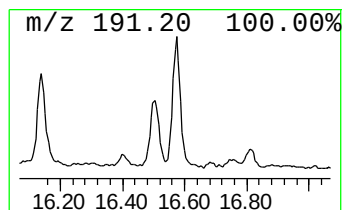
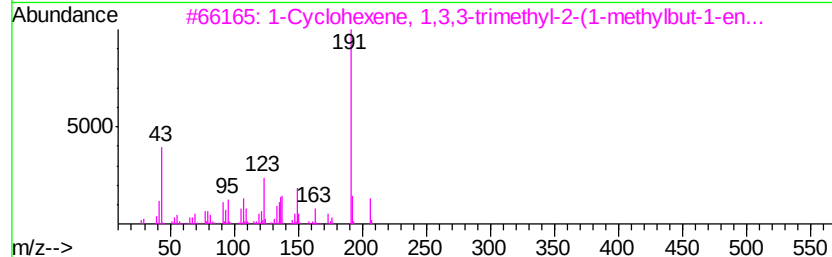
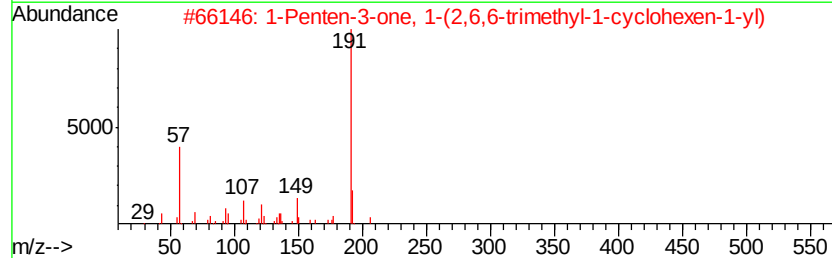
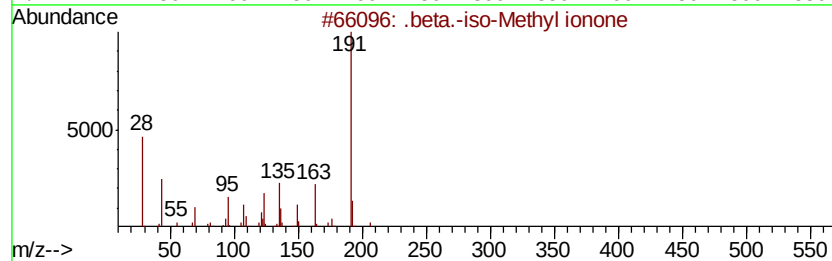
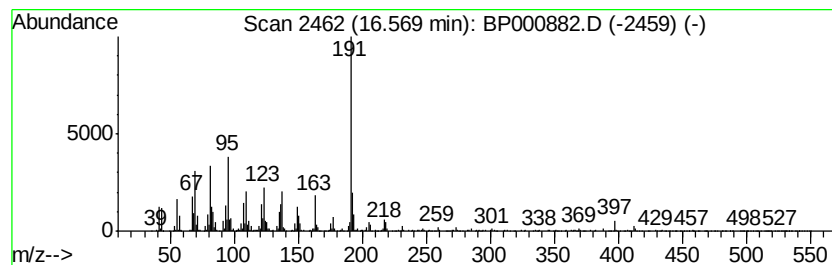
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 .beta.-iso-Methyl ionone Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.57 | 6.37 ng | 507101 | Perylene-d12     | 15.44 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | .beta.-iso-Methyl ionone            | 206 | C14H22O    | 1000285-40-2 | 76   |
| 2    |    | 1-Penten-3-one, 1-(2,6,6-trimeth... | 206 | C14H22O    | 000127-43-5  | 64   |
| 3    |    | 1-Cyclohexene, 1,3,3-trimethyl-2... | 206 | C14H22O    | 1000197-08-4 | 53   |
| 4    |    | 5-(p-Aminophenyl)-2-thiazolamine    | 191 | C9H9N3S    | 090349-87-4  | 43   |
| 5    |    | 5-Fluoro-2-trifluoromethylbenzoi... | 418 | C23H34F4O2 | 1000338-56-1 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP101819\  
 Data File : BP000882.D  
 Acq On : 18 Oct 2019 17:50  
 Operator : JU  
 Sample : K5392-03 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-22A-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown6.51          | 6.51  | 30.3    | ng    | 1348420  | 1                     | 6.74  | 890577  | 20.0 |
| Hexacosane           | 13.48 | 2.4     | ng    | 181267   | 5                     | 13.96 | 1506950 | 20.0 |
| Hexadecane           | 13.82 | 5.2     | ng    | 389500   | 5                     | 13.96 | 1506950 | 20.0 |
| Heptadecane          | 14.14 | 2.3     | ng    | 169956   | 5                     | 13.96 | 1506950 | 20.0 |
| Heptadecane, 9-oc... | 14.45 | 2.5     | ng    | 192126   | 5                     | 13.96 | 1506950 | 20.0 |
| Heneicosane, 11-p... | 14.76 | 3.2     | ng    | 252892   | 6                     | 15.44 | 1593290 | 20.0 |
| Heneicosane          | 15.09 | 3.1     | ng    | 249741   | 6                     | 15.44 | 1593290 | 20.0 |
| 2-methyloctacosane   | 15.92 | 2.7     | ng    | 212450   | 6                     | 15.44 | 1593290 | 20.0 |
| unknown16.14         | 16.14 | 5.3     | ng    | 424013   | 6                     | 15.44 | 1593290 | 20.0 |
| .beta.-iso-Methyl... | 16.57 | 6.4     | ng    | 507101   | 6                     | 15.44 | 1593290 | 20.0 |