

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
 Data File : BF107590.D  
 Acq On : 23 Jul 2018 16:11  
 Operator : JU/SJ  
 Sample : J4030-05 2X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB6-12-7

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\_F\METHODS\8270-BF072018.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         | 5.195       | 482           | 486         | 502          | rBV      | 471944         | 516156        | 16.81%          | 1.415%        |
| 2         | 5.601       | 551           | 555         | 577          | rBV      | 2098132        | 2692808       | 87.67%          | 7.383%        |
| 3         | 6.601       | 722           | 725         | 746          | rBV      | 2077363        | 2832266       | 92.21%          | 7.765%        |
| 4         | 6.742       | 746           | 749         | 756          | rBV      | 2570150        | 2823147       | 91.92%          | 7.740%        |
| 5         | 6.972       | 785           | 788         | 795          | rBV      | 1597745        | 1696326       | 55.23%          | 4.651%        |
| 6         | 7.025       | 795           | 797         | 809          | rVV3     | 96424          | 205265        | 6.68%           | 0.563%        |
| 7         | 7.131       | 811           | 815         | 829          | rVB      | 2374445        | 2379501       | 77.47%          | 6.524%        |
| 8         | 7.536       | 880           | 884         | 894          | rBV      | 1554766        | 1780843       | 57.98%          | 4.882%        |
| 9         | 8.260       | 1003          | 1007        | 1012         | rBV      | 1996905        | 2109158       | 68.67%          | 5.783%        |
| 10        | 8.660       | 1073          | 1075        | 1078         | rVB      | 94370          | 66580         | 2.17%           | 0.183%        |
| 11        | 8.830       | 1101          | 1104        | 1109         | rBV      | 94818          | 72585         | 2.36%           | 0.199%        |
| 12        | 9.072       | 1143          | 1145        | 1148         | rBV2     | 80145          | 74945         | 2.44%           | 0.205%        |
| 13        | 9.260       | 1175          | 1177        | 1180         | rVB      | 108159         | 81555         | 2.66%           | 0.224%        |
| 14        | 9.330       | 1185          | 1189        | 1198         | rBV      | 3391942        | 3071405       | 100.00%         | 8.421%        |
| 15        | 9.395       | 1198          | 1200        | 1204         | rBV2     | 135778         | 145617        | 4.74%           | 0.399%        |
| 16        | 9.719       | 1252          | 1255        | 1263         | rVB2     | 643420         | 703370        | 22.90%          | 1.928%        |
| 17        | 9.877       | 1279          | 1282        | 1285         | rBV2     | 121196         | 131820        | 4.29%           | 0.361%        |
| 18        | 9.924       | 1288          | 1290        | 1293         | rVB2     | 159045         | 151437        | 4.93%           | 0.415%        |
| 19        | 10.019      | 1300          | 1306        | 1310         | rBV      | 2040120        | 2002054       | 65.18%          | 5.489%        |
| 20        | 10.213      | 1337          | 1339        | 1344         | rBV3     | 70860          | 97087         | 3.16%           | 0.266%        |
| 21        | 10.254      | 1344          | 1346        | 1350         | rVB3     | 121128         | 139143        | 4.53%           | 0.381%        |
| 22        | 10.330      | 1356          | 1359        | 1361         | rBV3     | 125323         | 162190        | 5.28%           | 0.445%        |
| 23        | 10.424      | 1372          | 1375        | 1378         | rBV2     | 252259         | 271511        | 8.84%           | 0.744%        |
| 24        | 10.648      | 1410          | 1413        | 1416         | rBV      | 465915         | 447146        | 14.56%          | 1.226%        |
| 25        | 10.813      | 1437          | 1441        | 1444         | rBV      | 1327803        | 1469157       | 47.83%          | 4.028%        |
| 26        | 10.919      | 1455          | 1459        | 1462         | rBV      | 1053075        | 1037610       | 33.78%          | 2.845%        |
| 27        | 11.354      | 1531          | 1533        | 1535         | rBV      | 204794         | 154234        | 5.02%           | 0.423%        |
| 28        | 11.383      | 1535          | 1538        | 1541         | rBV      | 1450925        | 1315280       | 42.82%          | 3.606%        |
| 29        | 11.513      | 1557          | 1560        | 1563         | rBV      | 1656816        | 1602392       | 52.17%          | 4.393%        |
| 30        | 11.536      | 1563          | 1564        | 1571         | rVB      | 627672         | 462324        | 15.05%          | 1.268%        |
| 31        | 11.736      | 1595          | 1598        | 1601         | rBV      | 512052         | 550432        | 17.92%          | 1.509%        |
| 32        | 12.024      | 1644          | 1647        | 1649         | rBV3     | 392797         | 416912        | 13.57%          | 1.143%        |
| 33        | 12.471      | 1721          | 1723        | 1729         | rVB      | 476514         | 508082        | 16.54%          | 1.393%        |
| 34        | 12.730      | 1765          | 1767        | 1772         | rVB      | 768892         | 736501        | 23.98%          | 2.019%        |

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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB6-12-7

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\_F\METHODS\8270-BF072018.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 35 | 13.071 | 1822 | 1825 | 1827 | rBV | 1017617 | 1108449 | 36.09% | 3.039% |
| 36 | 13.101 | 1827 | 1830 | 1836 | rVB | 2331530 | 2459121 | 80.07% | 6.742% |

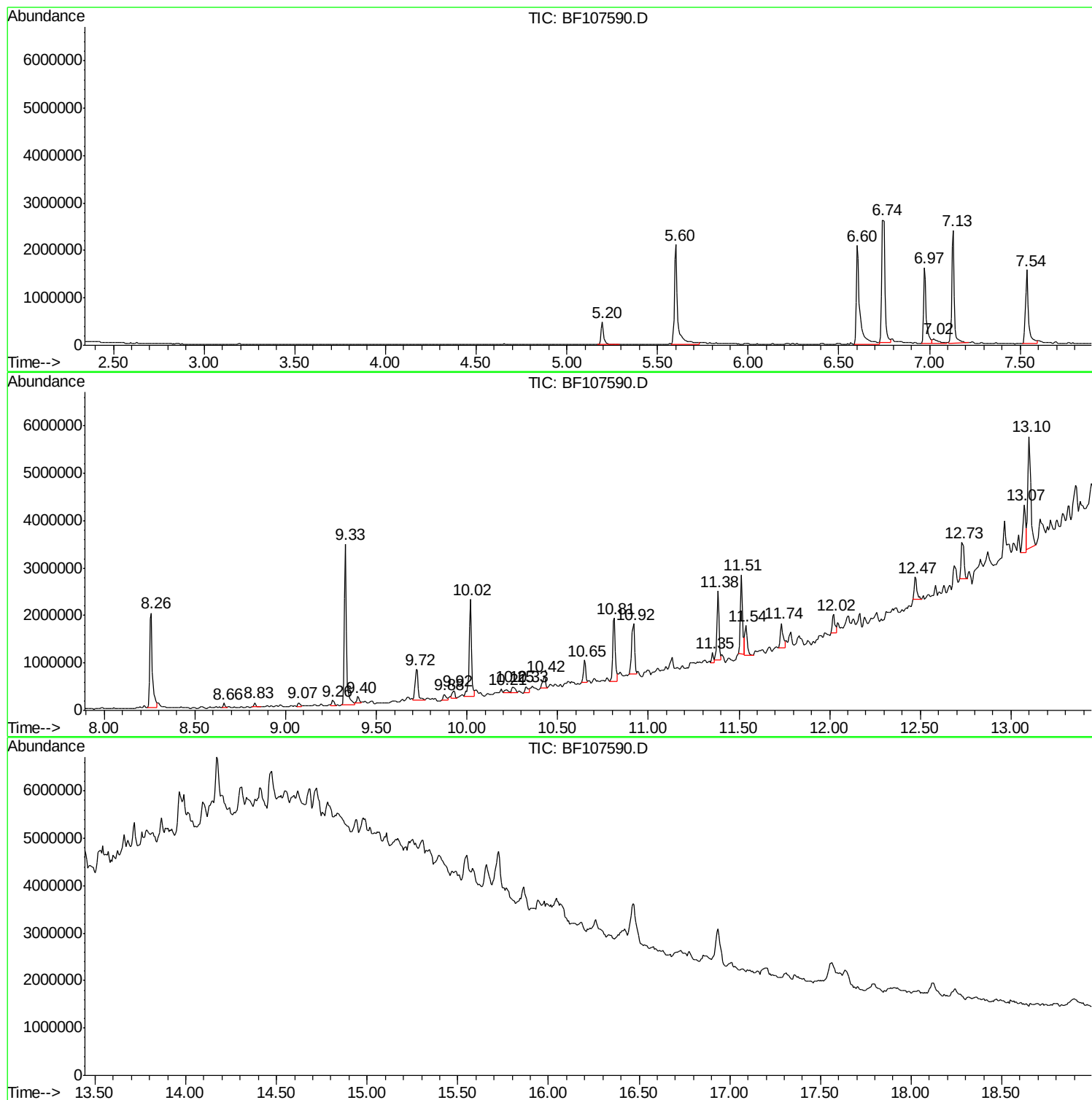
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

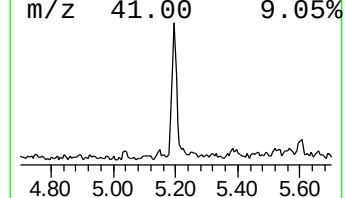
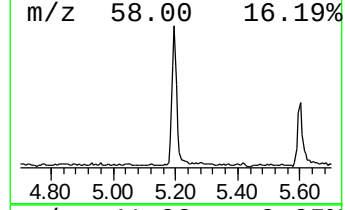
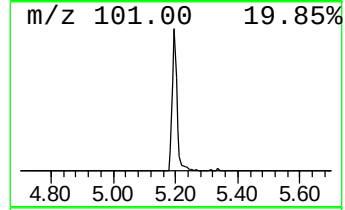
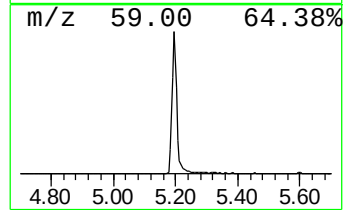
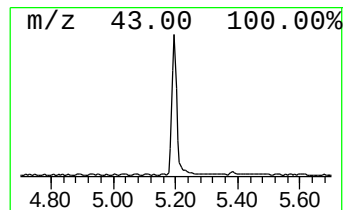
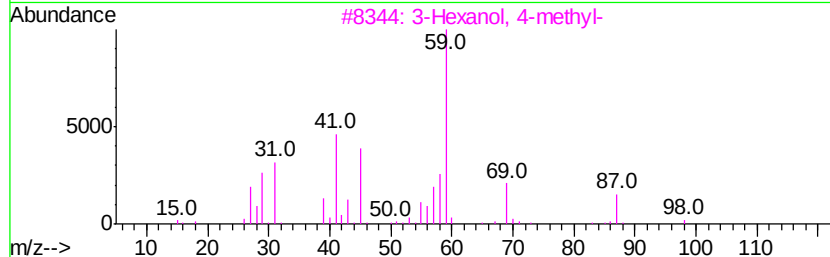
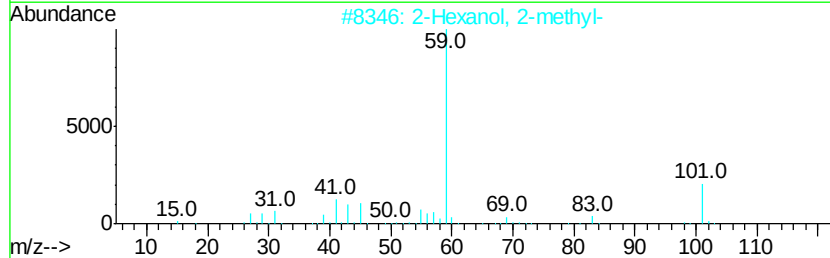
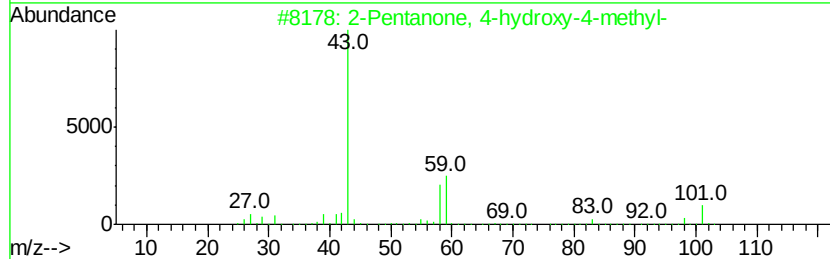
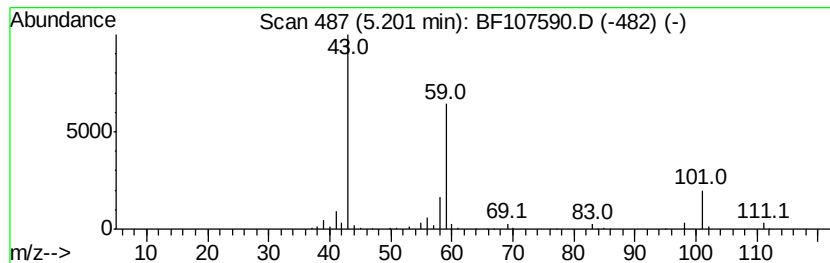
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.20 | 6.09 ng | 516156 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    | 2-Hexanol, 2-methyl-                 | 116 | C7H16O   | 000625-23-0 | 33   |
| 3    |    | 3-Hexanol, 4-methyl-                 | 116 | C7H16O   | 000615-29-2 | 28   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 5    |    | Acetone                              | 58  | C3H6O    | 000067-64-1 | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

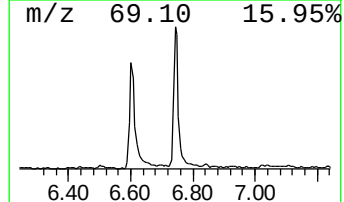
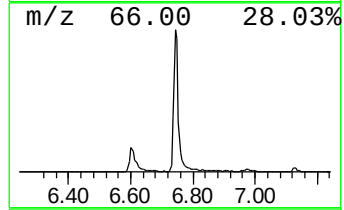
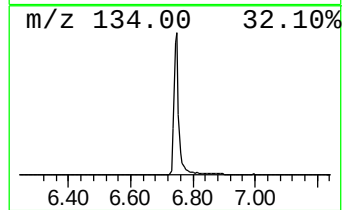
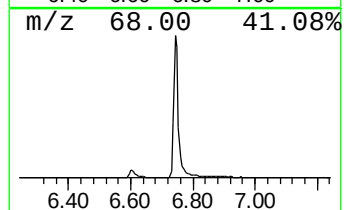
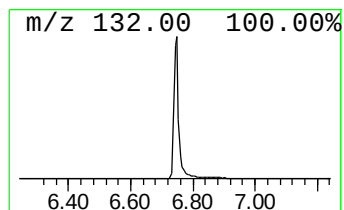
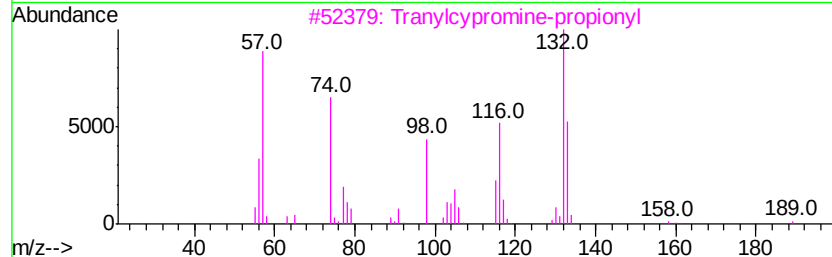
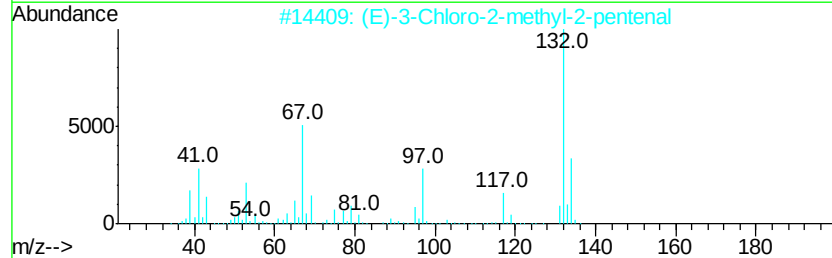
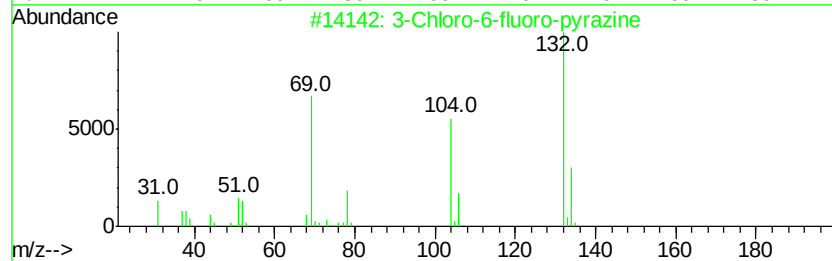
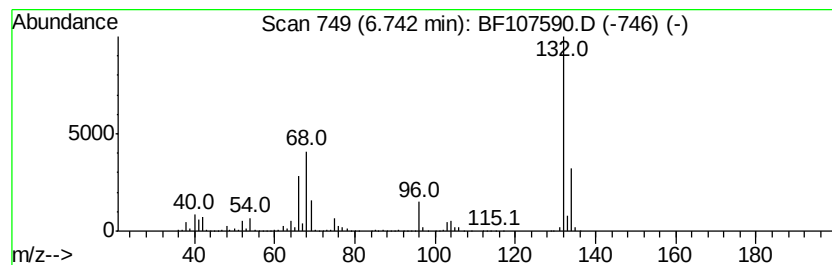
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.74 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.74 | 33.29 ng | 2823150 | 1,4-Dichlorobenzene-d4 | 6.97 |

| 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  | 17   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB6-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

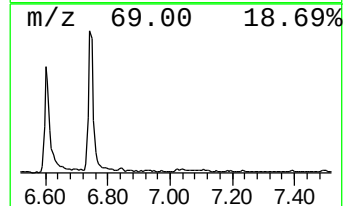
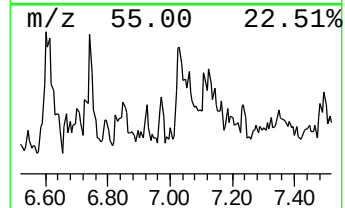
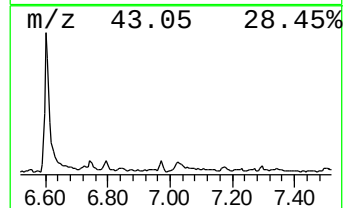
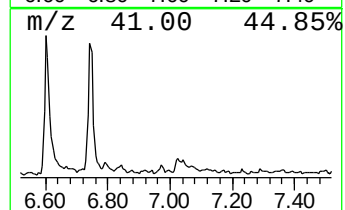
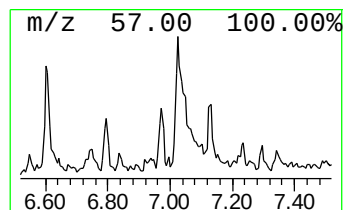
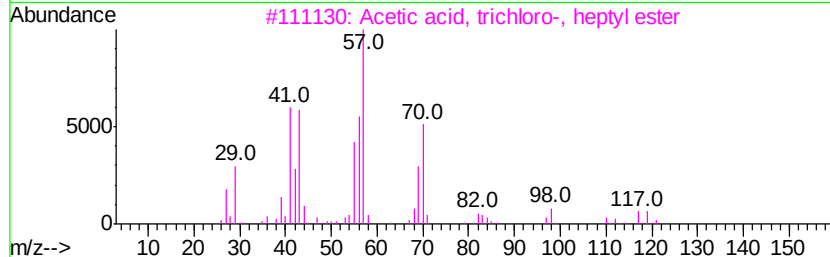
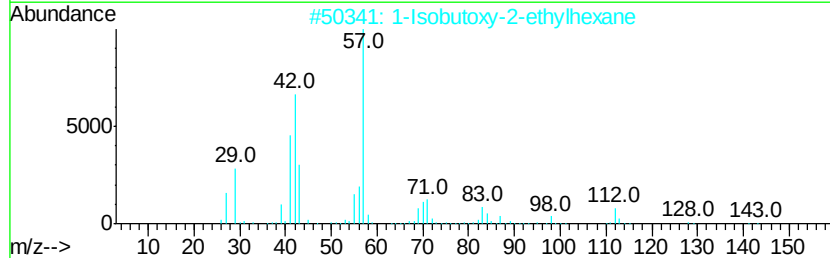
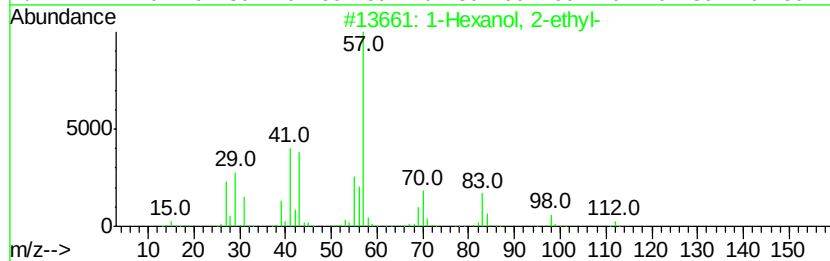
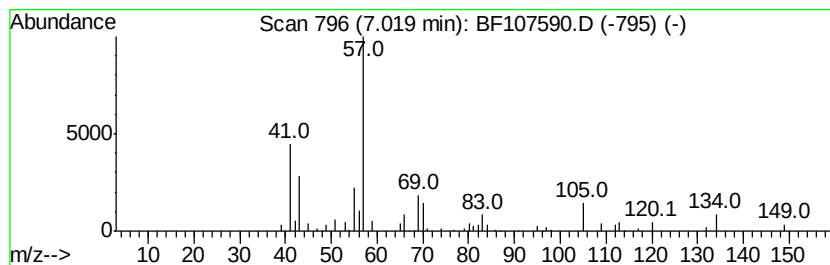
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown7.02 Concentration Rank 11

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 7.02 | 2.42 ng | 205265 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Hexanol, 2-ethyl-                 | 130 | C8H18O     | 000104-76-7  | 47   |
| 2    |    |   | 1-Isobutoxy-2-ethylhexane           | 186 | C12H26O    | 1000139-90-3 | 38   |
| 3    |    |   | Acetic acid, trichloro-, heptyl ... | 260 | C9H15Cl3O2 | 065611-31-6  | 25   |
| 4    |    |   | Octane, 2,3-dimethyl-               | 142 | C10H22     | 007146-60-3  | 25   |
| 5    |    |   | 2-Propyl-1-pentanol                 | 130 | C8H18O     | 058175-57-8  | 17   |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

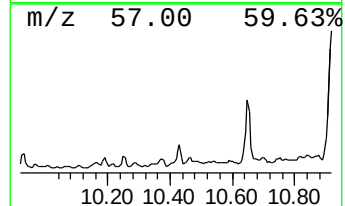
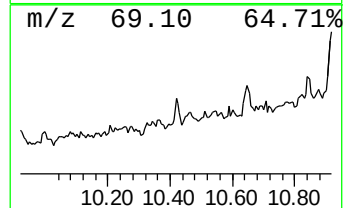
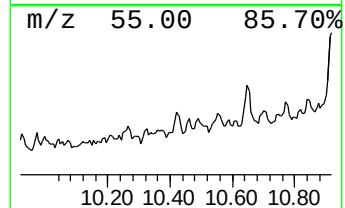
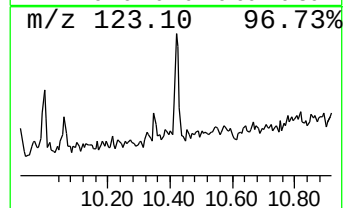
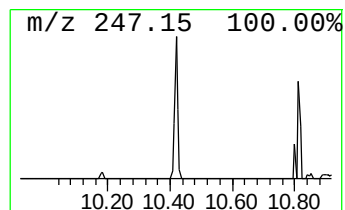
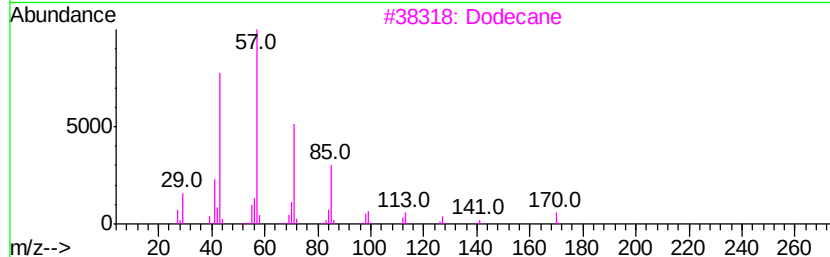
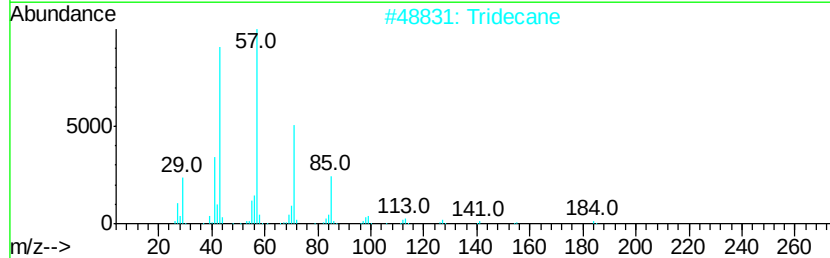
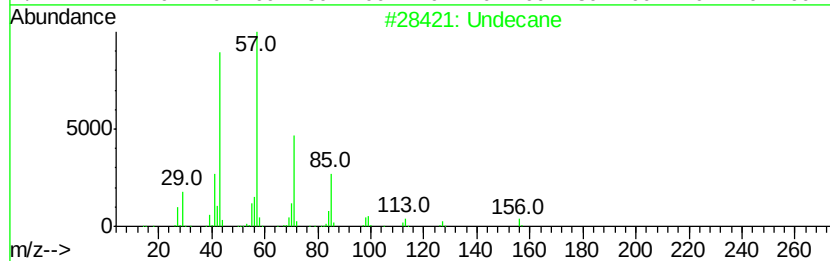
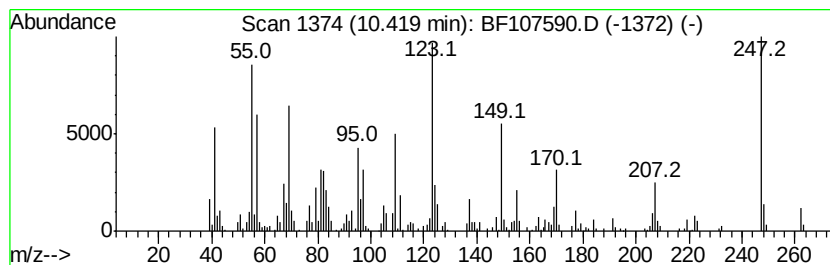
Instrument :  
BNA\_F  
ClientSampleId :  
SB6-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 unknown10.42 Concentration Rank 10

| R.T.  | EstConc | Area                    | Relative to ISTD |          | R.T.        |      |
|-------|---------|-------------------------|------------------|----------|-------------|------|
| 10.42 | 2.71 ng | 271511                  | Acenaphthene-d10 |          | 10.02       |      |
| Hit#  | of 5    | Tentative ID            | MW               | MolForm  | CAS#        | Qual |
| 1     |         | Undecane                | 156              | C11H24   | 001120-21-4 | 25   |
| 2     |         | Tridecane               | 184              | C13H28   | 000629-50-5 | 25   |
| 3     |         | Dodecane                | 170              | C12H26   | 000112-40-3 | 25   |
| 4     |         | Undecane, 2,6-dimethyl- | 184              | C13H28   | 017301-23-4 | 25   |
| 5     |         | Tetradecane, 1-chloro-  | 232              | C14H29Cl | 002425-54-9 | 25   |



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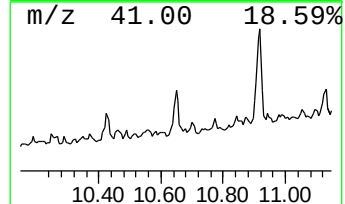
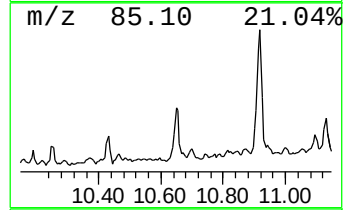
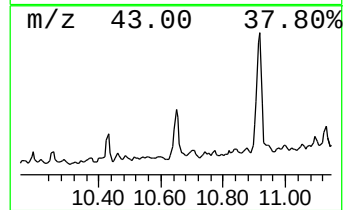
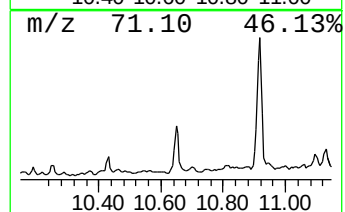
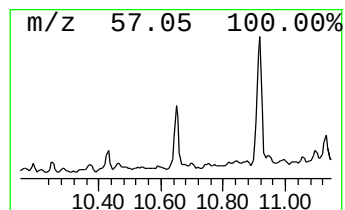
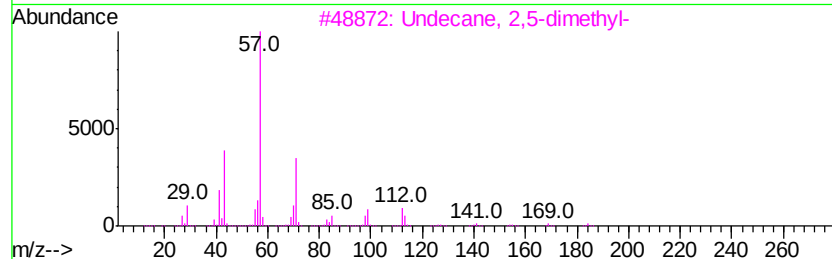
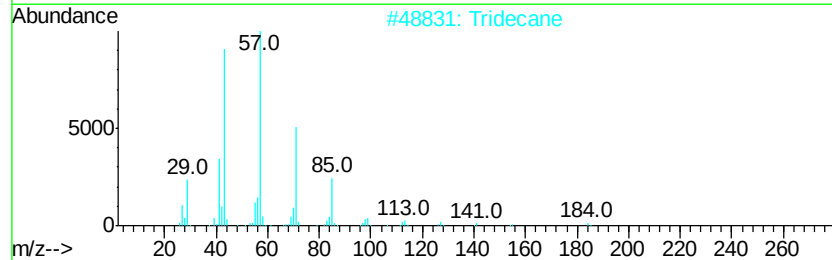
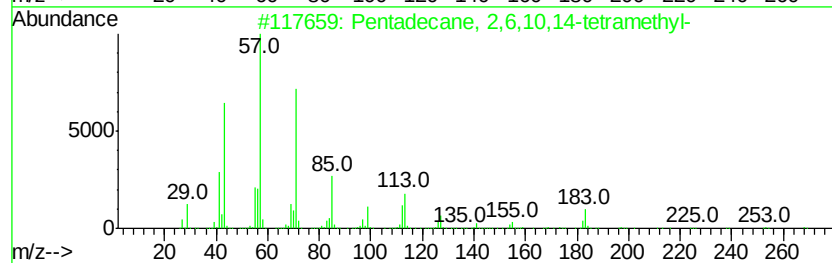
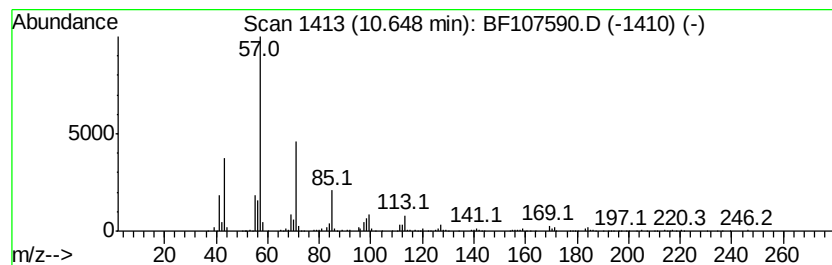
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BNA\_F  
ClientSampleId :  
SB6-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.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 6 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 10.65     | 4.47 ng                             | 447146 | Acenaphthene-d10 | 10.02       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Pentadecane, 2,6,10,14-tetramethyl- | 268    | C19H40           | 001921-70-6 | 86   |
| 2         | Tridecane                           | 184    | C13H28           | 000629-50-5 | 80   |
| 3         | Undecane, 2,5-dimethyl-             | 184    | C13H28           | 017301-22-3 | 76   |
| 4         | Pentadecane, 2,6,10-trimethyl-      | 254    | C18H38           | 003892-00-0 | 50   |
| 5         | Dodecane, 2,7,10-trimethyl-         | 212    | C15H32           | 074645-98-0 | 50   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
Data File : BF107590.D  
Acq On : 23 Jul 2018 16:11  
Operator : JU/SJ  
Sample : J4030-05 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB6-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

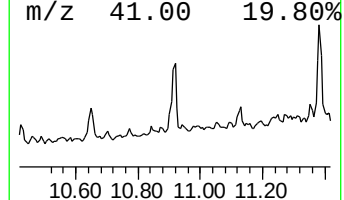
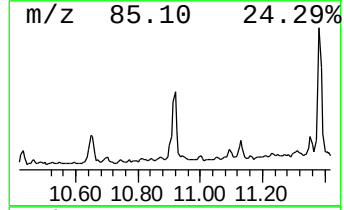
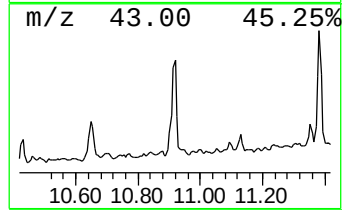
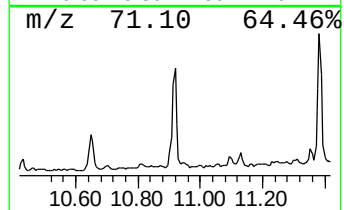
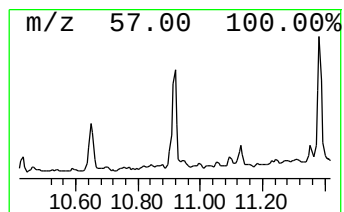
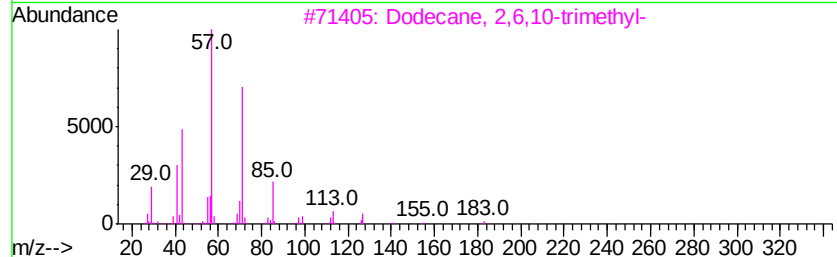
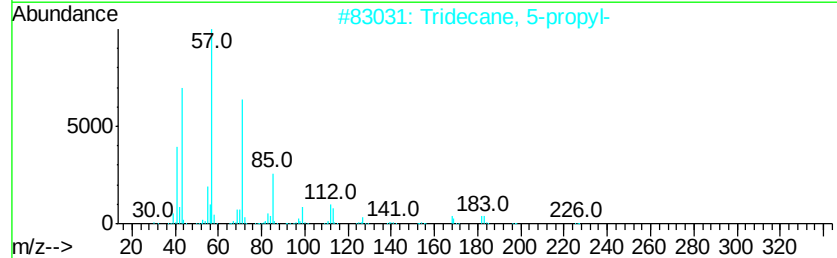
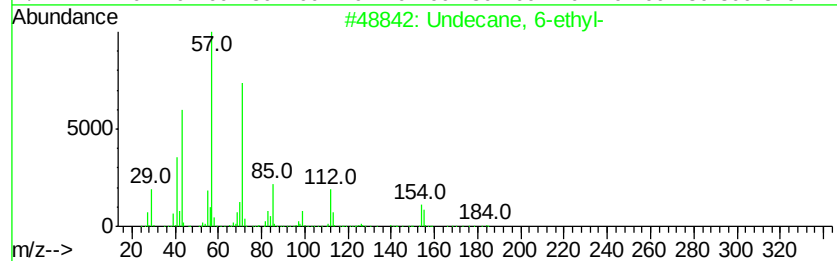
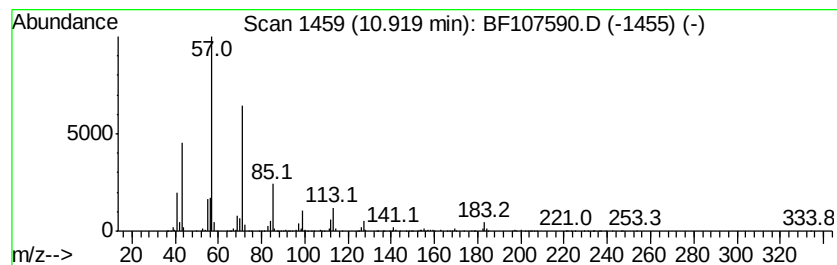
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Undecane, 6-ethyl- Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 10.92 | 12.95 ng | 1037610 | Phenanthrene-d10 | 11.51 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Undecane, 6-ethyl-          | 184 | C13H28  | 017312-60-6 | 87   |
| 2    |    | Tridecane, 5-propyl-        | 226 | C16H34  | 055045-11-9 | 86   |
| 3    |    | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 78   |
| 4    |    | Undecane, 3,6-dimethyl-     | 184 | C13H28  | 017301-28-9 | 72   |
| 5    |    | Undecane, 2,6-dimethyl-     | 184 | C13H28  | 017301-23-4 | 58   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
Data File : BF107590.D  
Acq On : 23 Jul 2018 16:11  
Operator : JU/SJ  
Sample : J4030-05 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

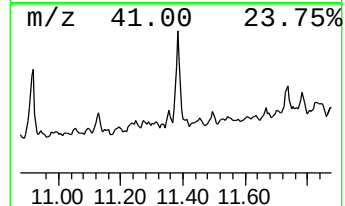
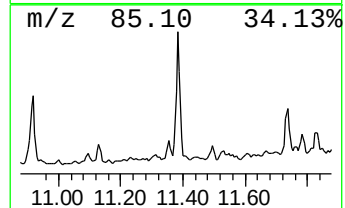
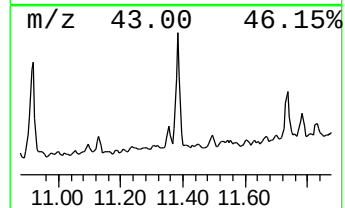
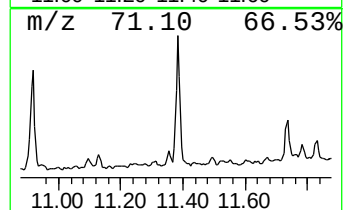
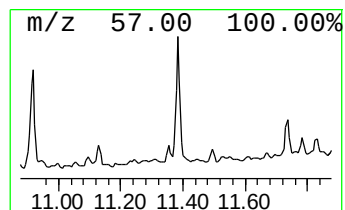
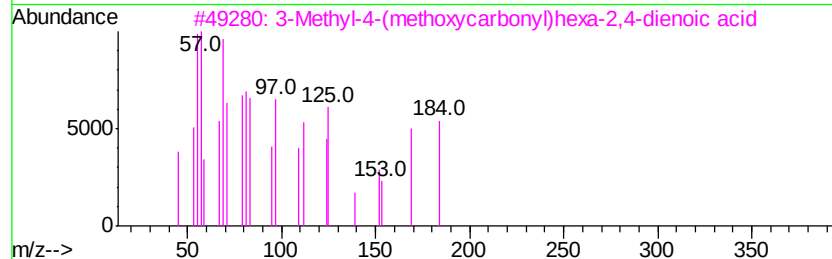
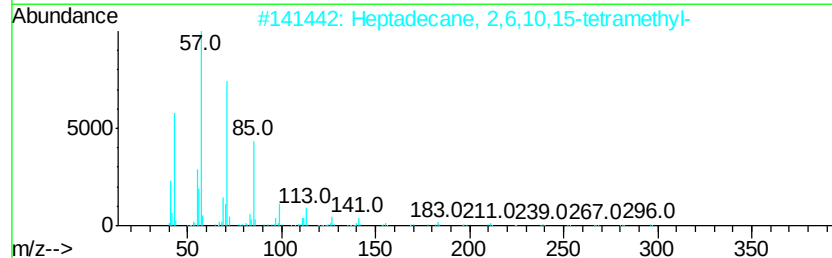
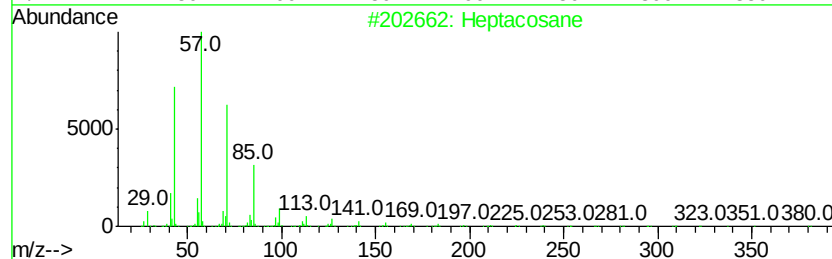
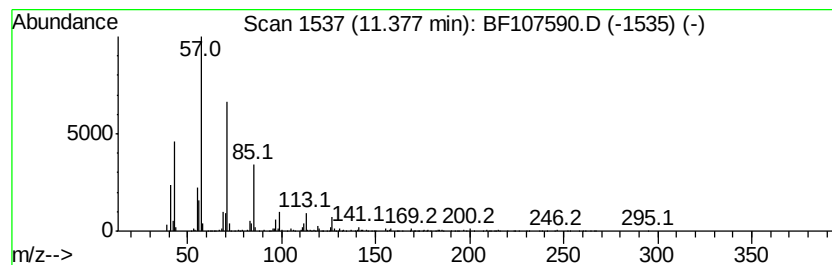
Instrument :  
BNA\_F  
ClientSampleId :  
SB6-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.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 Heptacosane Concentration Rank 3

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 11.38   | 16.42 ng                            | 1315280      | Phenanthrene-d10 | 11.51     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heptacosane                         | 380 C27H56   | 000593-49-7      | 90        |
| 2       | Heptadecane, 2,6,10,15-tetramethyl- | 296 C21H44   | 054833-48-6      | 90        |
| 3       | 3-Methyl-4-(methoxycarbonyl)hexa... | 184 C9H12O4  | 1000104-10-8     | 86        |
| 4       | Dodecane, 2,7,10-trimethyl-         | 212 C15H32   | 074645-98-0      | 86        |
| 5       | Hexadecane                          | 226 C16H34   | 000544-76-3      | 86        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
Data File : BF107590.D  
Acq On : 23 Jul 2018 16:11  
Operator : JU/SJ  
Sample : J4030-05 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB6-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

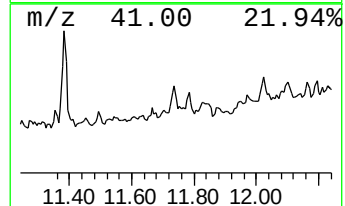
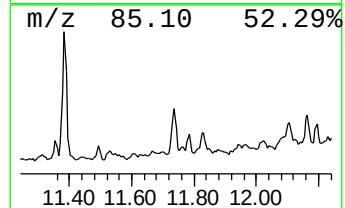
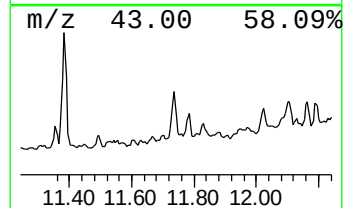
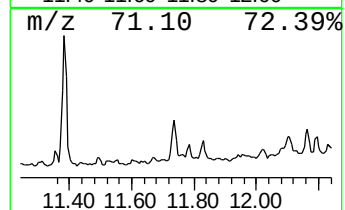
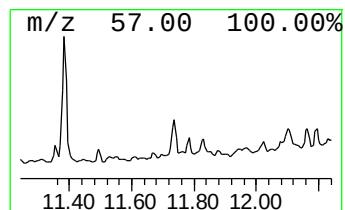
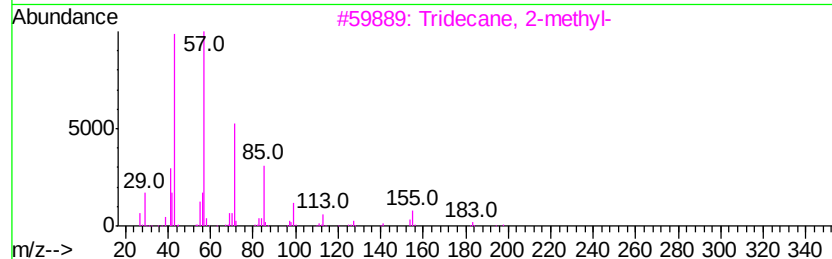
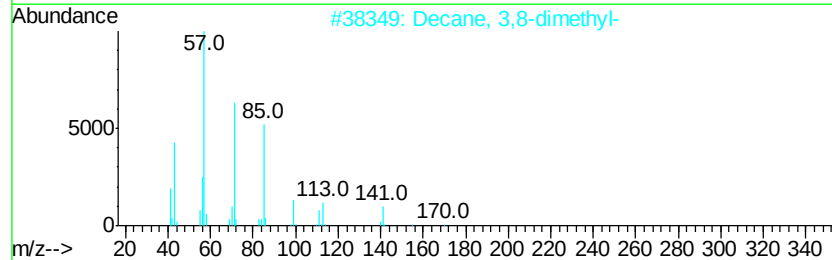
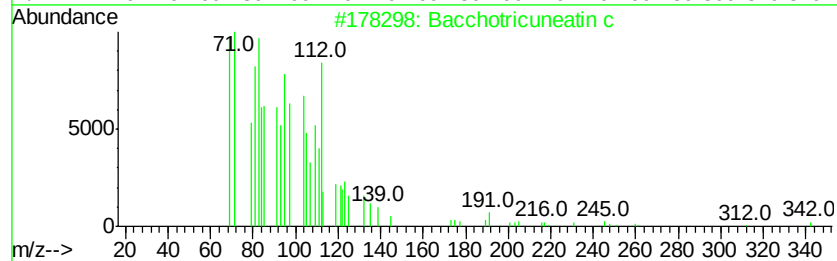
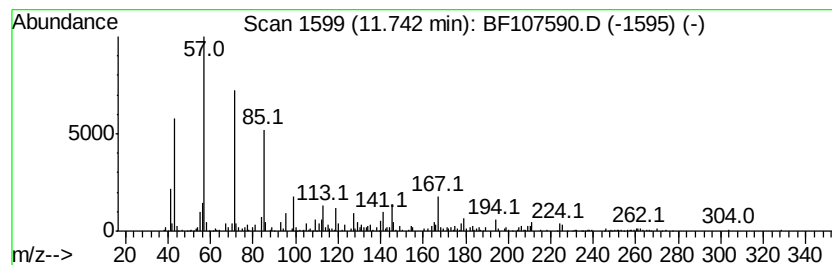
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Bacchotricuneatin c Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.74 | 6.87 ng | 550432 | Phenanthrene-d10 | 11.51 |

| Hit# | of | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------|-----|----------|-------------|------|
| 1    | 5  | Bacchotricuneatin c   | 342 | C20H22O5 | 066563-30-2 | 92   |
| 2    |    | Decane, 3,8-dimethyl- | 170 | C12H26   | 017312-55-9 | 87   |
| 3    |    | Tridecane, 2-methyl-  | 198 | C14H30   | 001560-96-9 | 87   |
| 4    |    | Tetradecane, 4-ethyl- | 226 | C16H34   | 055045-14-2 | 87   |
| 5    |    | Docosane              | 310 | C22H46   | 000629-97-0 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
Data File : BF107590.D  
Acq On : 23 Jul 2018 16:11  
Operator : JU/SJ  
Sample : J4030-05 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

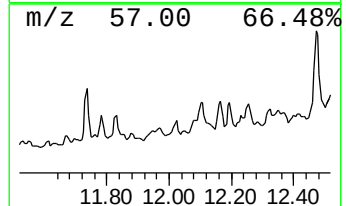
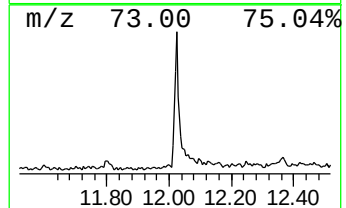
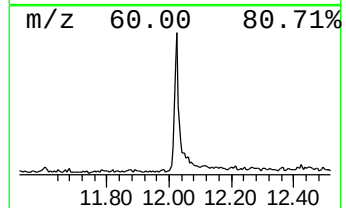
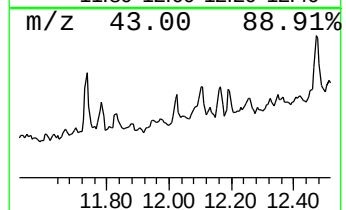
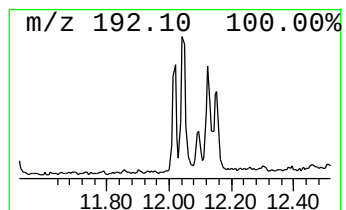
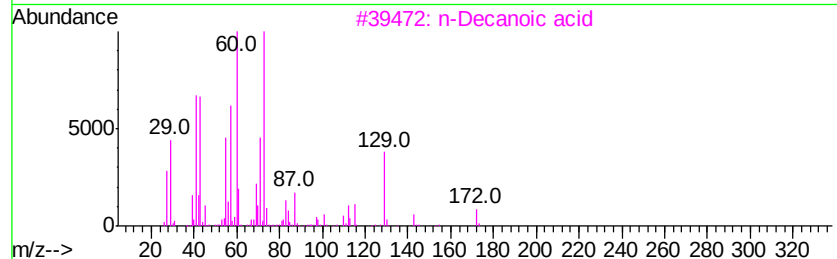
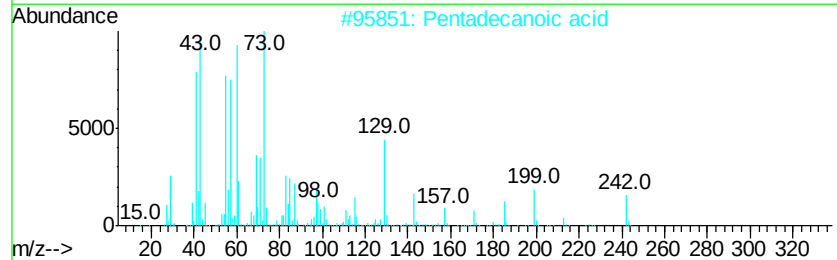
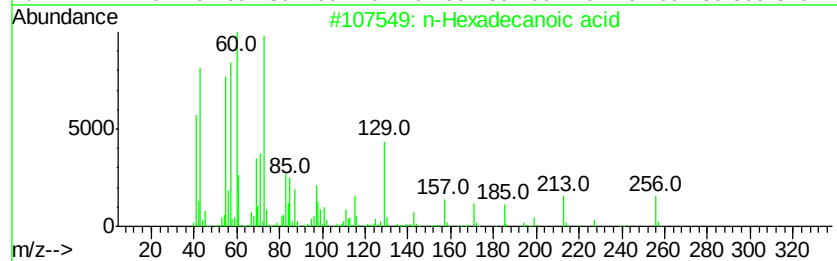
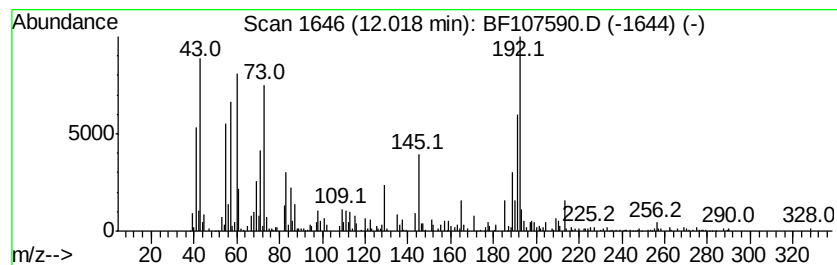
Instrument :  
BNA\_F  
ClientSampleId :  
SB6-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.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 n-Hexadecanoic acid Concentration Rank 8

| R.T.      | EstConc             | Area   | Relative to ISTD |             | R.T.  |
|-----------|---------------------|--------|------------------|-------------|-------|
| 12.02     | 5.20 ng             | 416912 | Phenanthrene-d10 |             | 11.51 |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual  |
| 1         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 95    |
| 2         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 92    |
| 3         | n-Decanoic acid     | 172    | C10H20O2         | 000334-48-5 | 53    |
| 4         | Undecanoic acid     | 186    | C11H22O2         | 000112-37-8 | 47    |
| 5         | Octadecanoic acid   | 284    | C18H36O2         | 000057-11-4 | 41    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
Data File : BF107590.D  
Acq On : 23 Jul 2018 16:11  
Operator : JU/SJ  
Sample : J4030-05 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB6-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

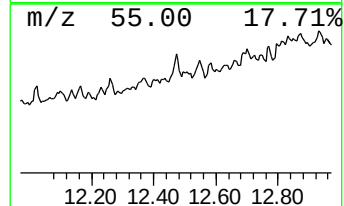
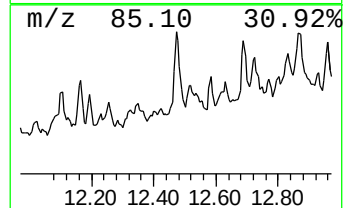
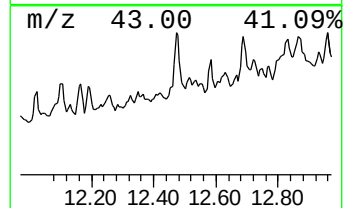
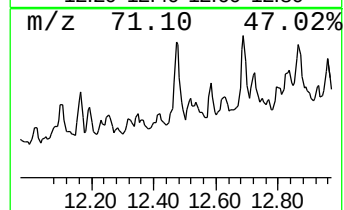
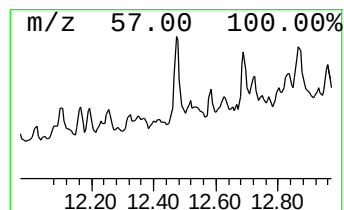
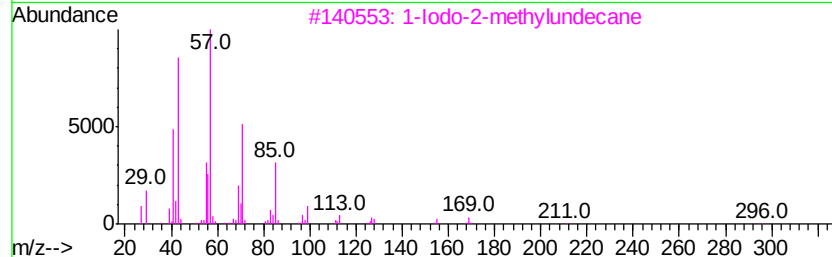
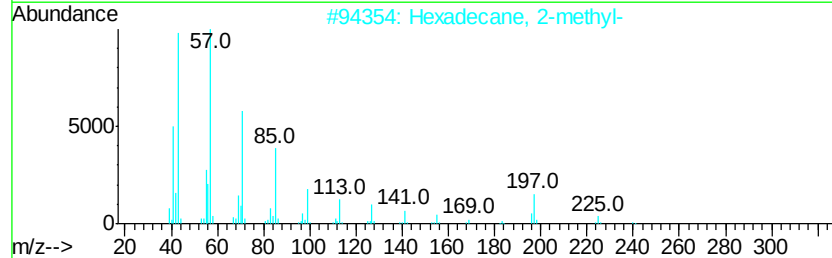
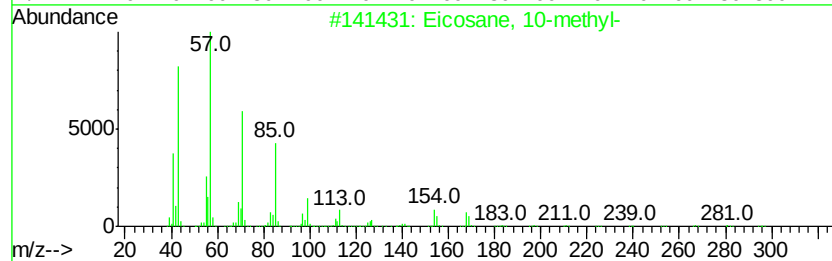
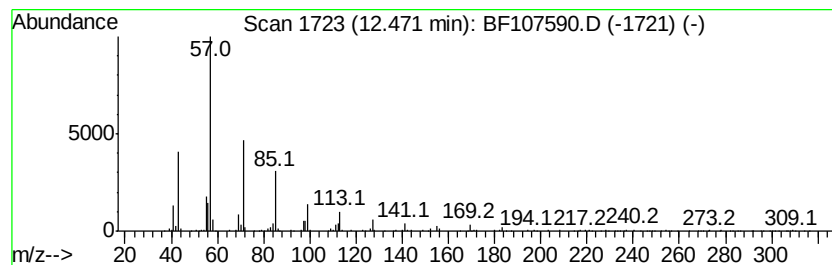
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Eicosane, 10-methyl- Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.47 | 6.34 ng | 508082 | Phenanthrene-d10 | 11.51 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane, 10-methyl-    | 296 | C21H44  | 054833-23-7 | 91   |
| 2    |    |   | Hexadecane, 2-methyl-   | 240 | C17H36  | 001560-92-5 | 90   |
| 3    |    |   | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 87   |
| 4    |    |   | Eicosane                | 282 | C20H42  | 000112-95-8 | 86   |
| 5    |    |   | Octadecane              | 254 | C18H38  | 000593-45-3 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF072318\  
Data File : BF107590.D  
Acq On : 23 Jul 2018 16:11  
Operator : JU/SJ  
Sample : J4030-05 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB6-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072018.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 |
| 2-Pentanone, 4-hy... | 5.20  | 6.1 ng  |       | 516156   | 1                     | 6.97  | 1696330 | 20.0 |
| unknown6.74          | 6.74  | 33.3 ng |       | 2823150  | 1                     | 6.97  | 1696330 | 20.0 |
| unknown7.02          | 7.02  | 2.4 ng  |       | 205265   | 1                     | 6.97  | 1696330 | 20.0 |
| unknown10.42         | 10.42 | 2.7 ng  |       | 271511   | 3                     | 10.02 | 2002050 | 20.0 |
| Pentadecane, 2,6,... | 10.65 | 4.5 ng  |       | 447146   | 3                     | 10.02 | 2002050 | 20.0 |
| Undecane, 6-ethyl-   | 10.92 | 12.9 ng |       | 1037610  | 4                     | 11.51 | 1602390 | 20.0 |
| Heptacosane          | 11.38 | 16.4 ng |       | 1315280  | 4                     | 11.51 | 1602390 | 20.0 |
| Bacchotricuneatin c  | 11.74 | 6.9 ng  |       | 550432   | 4                     | 11.51 | 1602390 | 20.0 |
| n-Hexadecanoic acid  | 12.02 | 5.2 ng  |       | 416912   | 4                     | 11.51 | 1602390 | 20.0 |
| Eicosane, 10-methyl- | 12.47 | 6.3 ng  |       | 508082   | 4                     | 11.51 | 1602390 | 20.0 |