

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF050120\  
 Data File : BF120270.D  
 Acq On : 1 May 2020 20:45  
 Operator : MA/SJ  
 Sample : L2463-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AOC14-CARWASH

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-BF040820.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         | 5.263       | 536           | 540         | 552          | rBV      | 2693976        | 2496513       | 77.74%          | 8.628%        |
| 2         | 6.304       | 713           | 717         | 733          | rBV      | 2447276        | 2413998       | 75.17%          | 8.343%        |
| 3         | 6.651       | 772           | 776         | 782          | rBV      | 1005693        | 796690        | 24.81%          | 2.753%        |
| 4         | 6.804       | 798           | 802         | 806          | rBV      | 2315747        | 2024543       | 63.05%          | 6.997%        |
| 5         | 7.216       | 868           | 872         | 875          | rBV      | 1694890        | 1596193       | 49.71%          | 5.516%        |
| 6         | 7.933       | 990           | 994         | 1002         | rBV      | 1241010        | 1010941       | 31.48%          | 3.494%        |
| 7         | 9.016       | 1174          | 1178        | 1181         | rBV      | 4020379        | 3211201       | 100.00%         | 11.098%       |
| 8         | 9.139       | 1196          | 1199        | 1202         | rVB      | 139838         | 129425        | 4.03%           | 0.447%        |
| 9         | 9.410       | 1242          | 1245        | 1248         | rBV      | 261008         | 195864        | 6.10%           | 0.677%        |
| 10        | 9.686       | 1288          | 1292        | 1296         | rBV      | 999581         | 837012        | 26.07%          | 2.893%        |
| 11        | 10.480      | 1423          | 1427        | 1430         | rBV      | 1625077        | 1404654       | 43.74%          | 4.854%        |
| 12        | 11.174      | 1541          | 1545        | 1547         | rBV      | 1040419        | 852236        | 26.54%          | 2.945%        |
| 13        | 11.198      | 1547          | 1549        | 1552         | rVV      | 377636         | 297437        | 9.26%           | 1.028%        |
| 14        | 11.245      | 1552          | 1557        | 1561         | rVB      | 91756          | 94558         | 2.94%           | 0.327%        |
| 15        | 11.410      | 1583          | 1585        | 1592         | rVB      | 39636          | 46282         | 1.44%           | 0.160%        |
| 16        | 11.674      | 1626          | 1630        | 1633         | rBV      | 80596          | 72171         | 2.25%           | 0.249%        |
| 17        | 11.716      | 1633          | 1637        | 1641         | rVV2     | 336146         | 399301        | 12.43%          | 1.380%        |
| 18        | 11.751      | 1641          | 1643        | 1646         | rVV2     | 67108          | 72583         | 2.26%           | 0.251%        |
| 19        | 11.786      | 1646          | 1649        | 1651         | rVV      | 116040         | 121434        | 3.78%           | 0.420%        |
| 20        | 11.810      | 1651          | 1653        | 1656         | rVB      | 52265          | 48431         | 1.51%           | 0.167%        |
| 21        | 11.974      | 1678          | 1681        | 1683         | rBV      | 58457          | 55556         | 1.73%           | 0.192%        |
| 22        | 12.221      | 1721          | 1723        | 1727         | rBV      | 50340          | 63919         | 1.99%           | 0.221%        |
| 23        | 12.257      | 1727          | 1729        | 1735         | rVB6     | 25800          | 50580         | 1.58%           | 0.175%        |
| 24        | 12.310      | 1735          | 1738        | 1743         | rVB2     | 39851          | 40900         | 1.27%           | 0.141%        |
| 25        | 12.386      | 1747          | 1751        | 1755         | rBV      | 715152         | 588330        | 18.32%          | 2.033%        |
| 26        | 12.433      | 1755          | 1759        | 1761         | rBV5     | 29536          | 42853         | 1.33%           | 0.148%        |
| 27        | 12.498      | 1765          | 1770        | 1774         | rBV3     | 84388          | 117218        | 3.65%           | 0.405%        |
| 28        | 12.616      | 1784          | 1790        | 1793         | rBV      | 709303         | 730517        | 22.75%          | 2.525%        |
| 29        | 12.668      | 1797          | 1799        | 1807         | rVB3     | 36844          | 46053         | 1.43%           | 0.159%        |
| 30        | 12.733      | 1807          | 1810        | 1811         | rBV      | 43309          | 39953         | 1.24%           | 0.138%        |
| 31        | 12.763      | 1811          | 1815        | 1822         | rVB      | 2504540        | 2285272       | 71.17%          | 7.898%        |
| 32        | 12.833      | 1822          | 1827        | 1831         | rBV2     | 68424          | 109329        | 3.40%           | 0.378%        |
| 33        | 12.921      | 1839          | 1842        | 1843         | rBV2     | 49748          | 52392         | 1.63%           | 0.181%        |
| 34        | 12.945      | 1843          | 1846        | 1849         | rVB      | 117940         | 121080        | 3.77%           | 0.418%        |

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Instrument :  
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 ClientSampleId :  
 AOC14-CARWASH

Integration Parameters: rteint.p  
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 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
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 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-BF040820.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 13.010 | 1854 | 1857 | 1860 | rVB  | 64858   | 61792   | 1.92%  | 0.214% |
| 36 | 13.051 | 1860 | 1864 | 1866 | rBV  | 87969   | 94383   | 2.94%  | 0.326% |
| 37 | 13.139 | 1877 | 1879 | 1882 | rVB  | 62034   | 50872   | 1.58%  | 0.176% |
| 38 | 13.168 | 1882 | 1884 | 1888 | rBV  | 64896   | 70442   | 2.19%  | 0.243% |
| 39 | 13.345 | 1908 | 1914 | 1917 | rBV6 | 38259   | 62351   | 1.94%  | 0.215% |
| 40 | 13.451 | 1930 | 1932 | 1936 | rVB  | 59151   | 68514   | 2.13%  | 0.237% |
| 41 | 13.563 | 1947 | 1951 | 1953 | rBV2 | 74385   | 93907   | 2.92%  | 0.325% |
| 42 | 13.592 | 1953 | 1956 | 1958 | rVV  | 62659   | 73518   | 2.29%  | 0.254% |
| 43 | 13.615 | 1958 | 1960 | 1963 | rVV2 | 67008   | 82077   | 2.56%  | 0.284% |
| 44 | 13.668 | 1965 | 1969 | 1977 | rVB3 | 259623  | 355289  | 11.06% | 1.228% |
| 45 | 13.815 | 1989 | 1994 | 1996 | rBV2 | 1020498 | 1104400 | 34.39% | 3.817% |
| 46 | 13.839 | 1996 | 1998 | 2001 | rVB  | 327686  | 290151  | 9.04%  | 1.003% |
| 47 | 13.915 | 2006 | 2011 | 2014 | rBV2 | 101337  | 161829  | 5.04%  | 0.559% |
| 48 | 13.992 | 2022 | 2024 | 2029 | rVB3 | 58610   | 65658   | 2.04%  | 0.227% |
| 49 | 14.168 | 2051 | 2054 | 2055 | rBV  | 38079   | 41766   | 1.30%  | 0.144% |
| 50 | 14.204 | 2057 | 2060 | 2063 | rVB2 | 95039   | 89135   | 2.78%  | 0.308% |
| 51 | 14.233 | 2063 | 2065 | 2069 | rBV  | 48121   | 45439   | 1.42%  | 0.157% |
| 52 | 14.298 | 2073 | 2076 | 2078 | rVV3 | 115084  | 108519  | 3.38%  | 0.375% |
| 53 | 14.592 | 2123 | 2126 | 2129 | rBV  | 97351   | 97616   | 3.04%  | 0.337% |
| 54 | 14.821 | 2161 | 2165 | 2168 | rBV  | 442948  | 627149  | 19.53% | 2.167% |
| 55 | 14.904 | 2176 | 2179 | 2180 | rBV2 | 112791  | 107427  | 3.35%  | 0.371% |
| 56 | 15.104 | 2209 | 2213 | 2218 | rVB  | 259698  | 331839  | 10.33% | 1.147% |
| 57 | 15.162 | 2219 | 2223 | 2228 | rVV  | 350198  | 443185  | 13.80% | 1.532% |
| 58 | 15.221 | 2228 | 2233 | 2236 | rVV  | 822085  | 991902  | 30.89% | 3.428% |
| 59 | 15.251 | 2236 | 2238 | 2244 | rVB3 | 198853  | 235800  | 7.34%  | 0.815% |
| 60 | 15.651 | 2303 | 2306 | 2310 | rVB2 | 65202   | 80188   | 2.50%  | 0.277% |
| 61 | 16.562 | 2456 | 2461 | 2470 | rBV2 | 169423  | 372023  | 11.59% | 1.286% |
| 62 | 16.962 | 2524 | 2529 | 2538 | rVB  | 134345  | 262517  | 8.18%  | 0.907% |

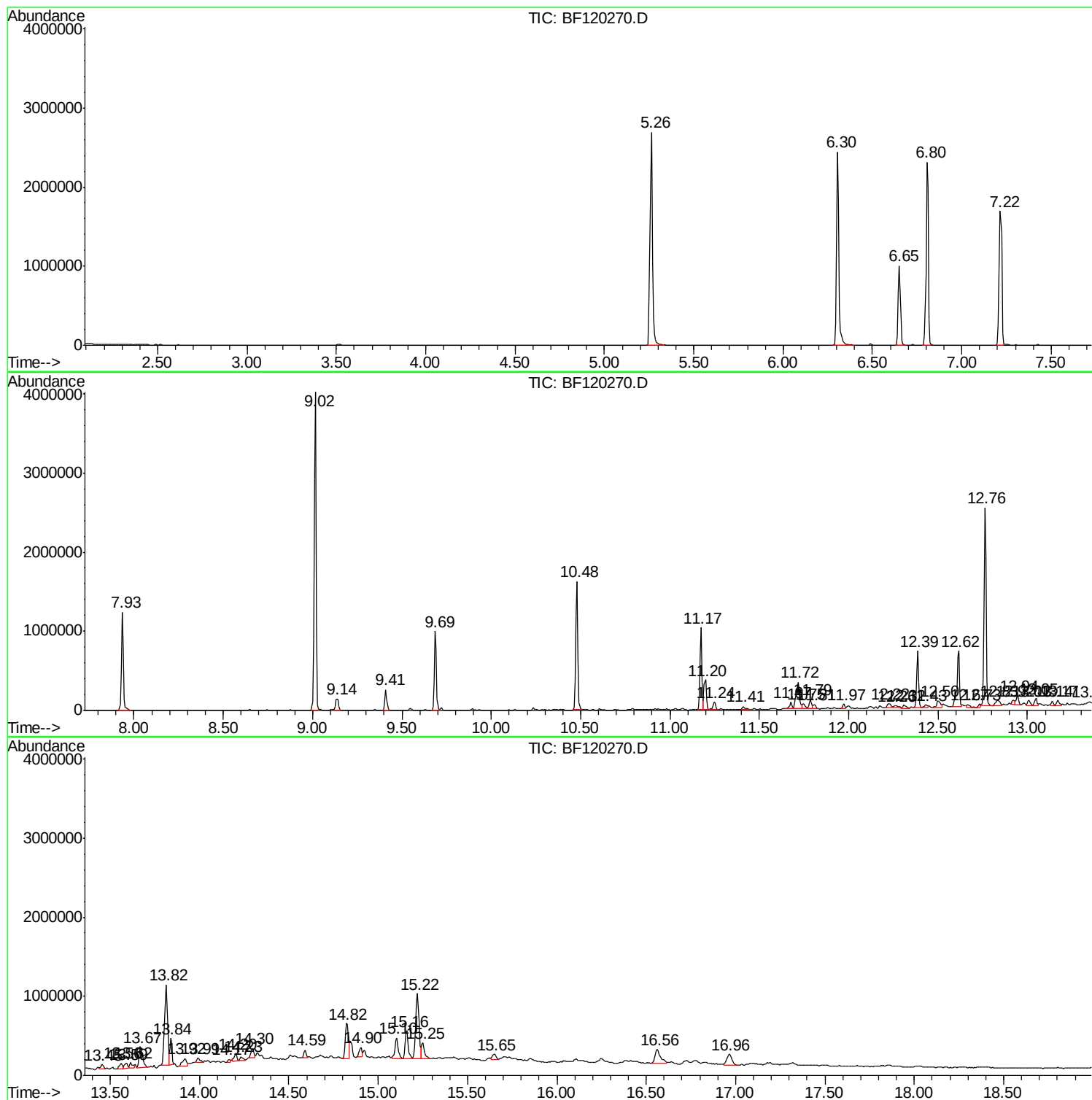
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AOC14-CARWASH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.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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Operator : MA/SJ  
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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

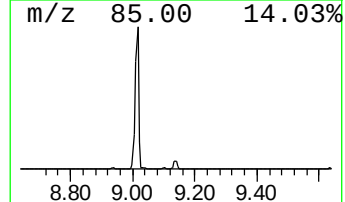
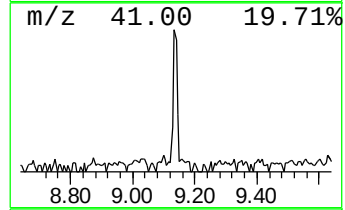
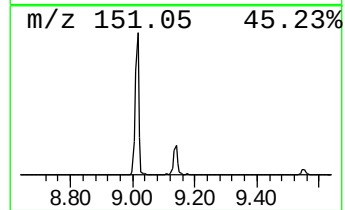
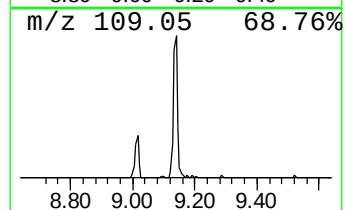
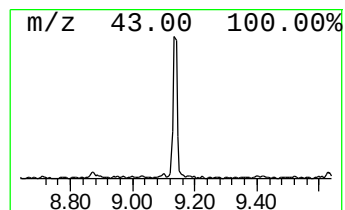
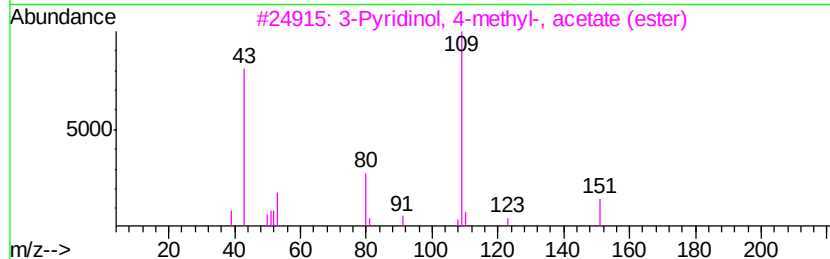
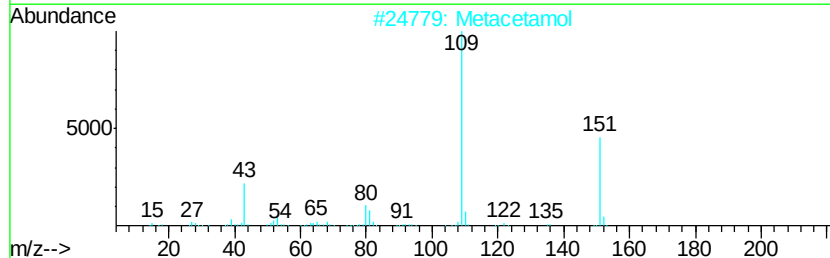
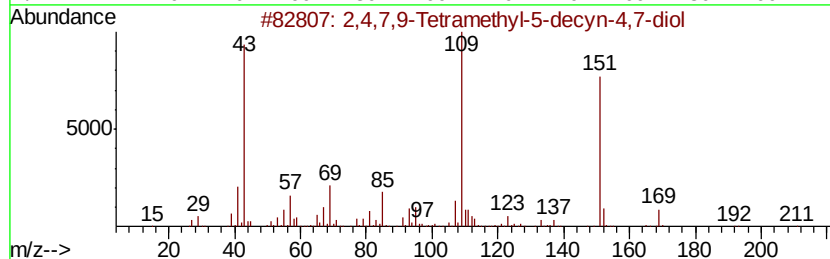
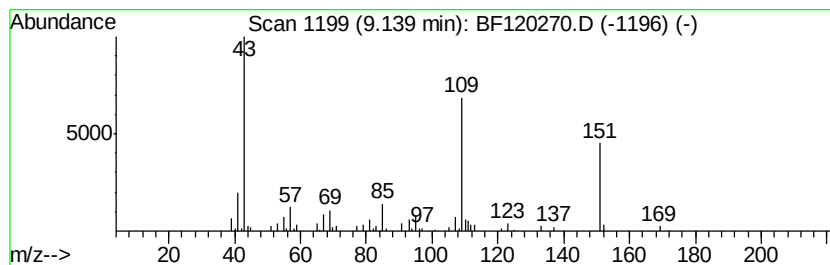
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.14 | 3.09 ng | 129425 | Acenaphthene-d10 | 9.69 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2    | 000126-86-3 | 83   |
| 2    |    | Metacetamol                         | 151 | C8H9NO2     | 000621-42-1 | 53   |
| 3    |    | 3-Pyridinol, 4-methyl-, acetate ... | 151 | C8H9NO2     | 001006-96-8 | 53   |
| 4    |    | Acetaminophen                       | 151 | C8H9NO2     | 000103-90-2 | 42   |
| 5    |    | (-)-10-Camphorsulfonyl chloride     | 250 | C10H15ClO3S | 039262-22-1 | 42   |



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Misc :  
ALS Vial : 15 Sample Multiplier: 1

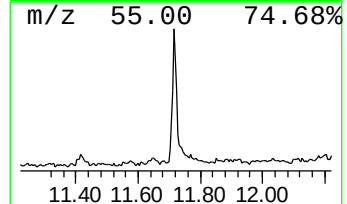
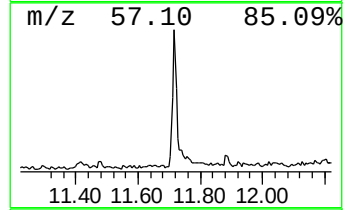
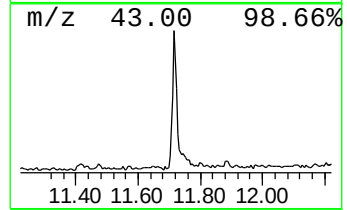
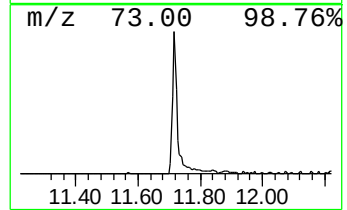
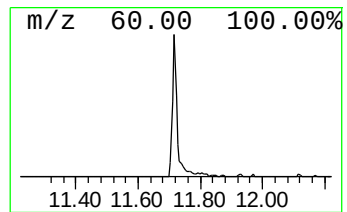
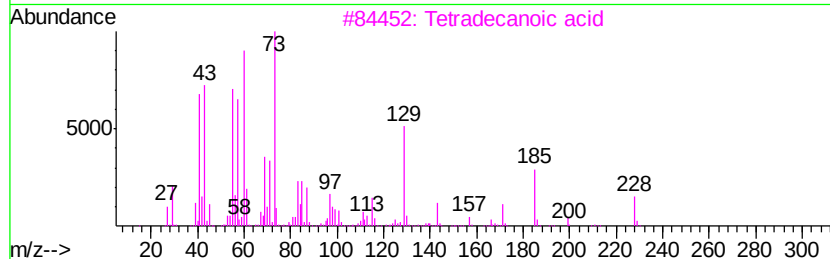
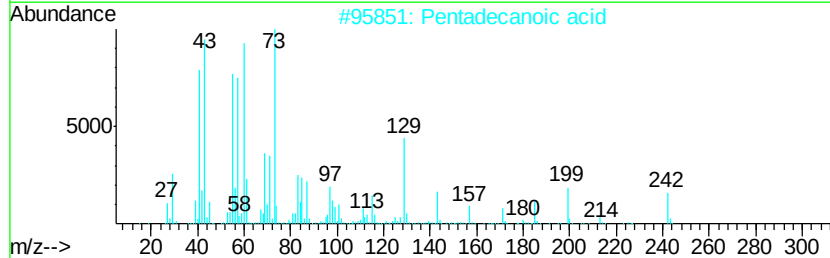
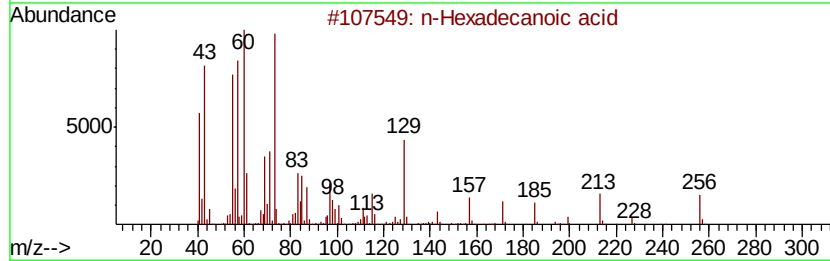
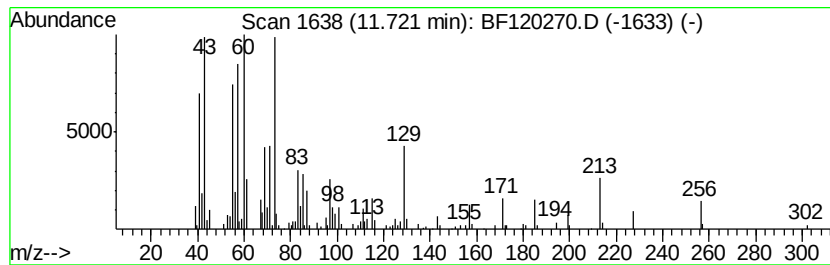
Instrument :  
BNA\_F  
ClientSampleId :  
AOC14-CARWASH

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.      | EstConc                           | Area   | Relative to ISTD | R.T.         |      |
|-----------|-----------------------------------|--------|------------------|--------------|------|
| 11.72     | 9.37 ng                           | 399301 | Phenanthrene-d10 | 11.17        |      |
| Hit# of 5 | Tentative ID                      | MW     | MolForm          | CAS#         | Qual |
| 1         | n-Hexadecanoic acid               | 256    | C16H32O2         | 000057-10-3  | 93   |
| 2         | Pentadecanoic acid                | 242    | C15H30O2         | 001002-84-2  | 87   |
| 3         | Tetradecanoic acid                | 228    | C14H28O2         | 000544-63-8  | 80   |
| 4         | Tridecanoic acid                  | 214    | C13H26O2         | 000638-53-9  | 70   |
| 5         | Oxalic acid, dodecyl propyl ester | 300    | C17H32O4         | 1000309-26-5 | 25   |



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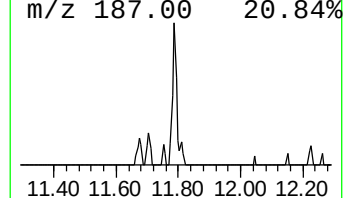
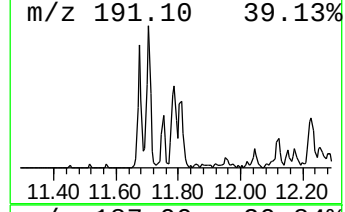
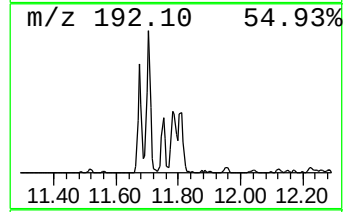
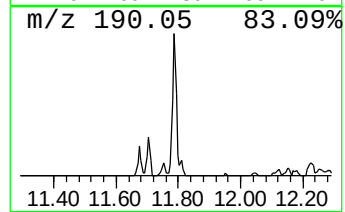
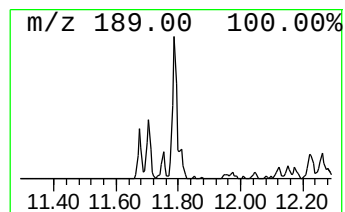
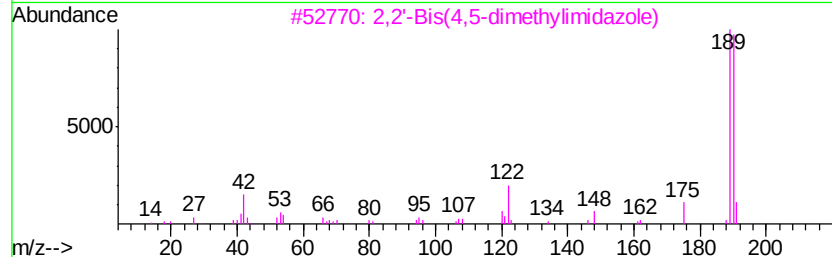
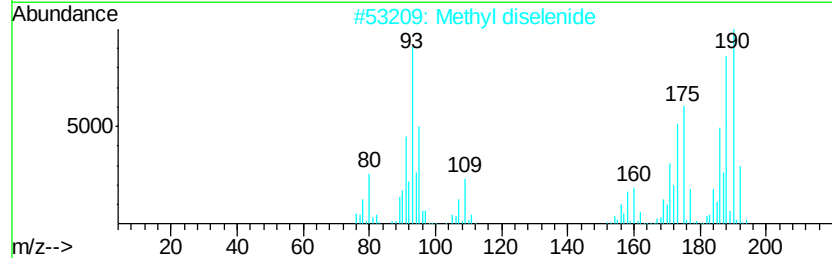
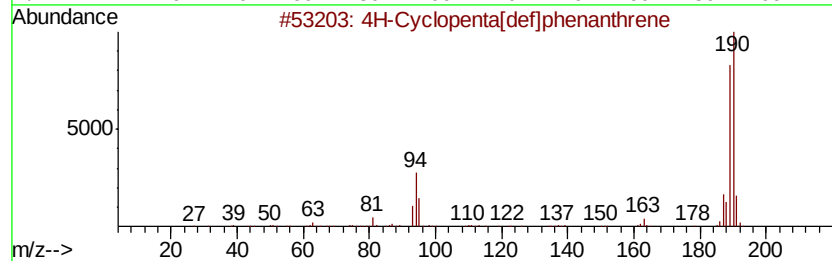
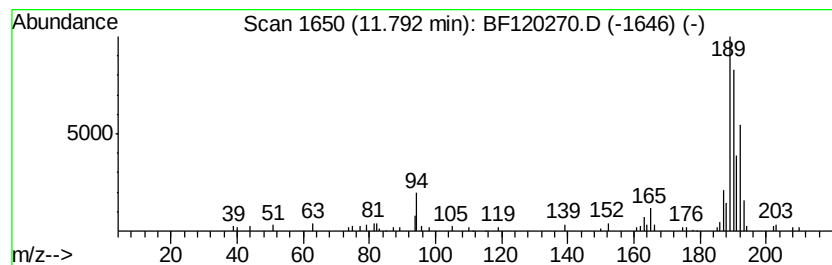
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

| R.T.      | EstConc                         | Area   | Relative to ISTD |             | R.T.  |
|-----------|---------------------------------|--------|------------------|-------------|-------|
| 11.79     | 2.85 ng                         | 121434 | Phenanthrene-d10 |             | 11.17 |
| Hit# of 5 | Tentative ID                    | MW     | MolForm          | CAS#        | Qual  |
| 1         | 4H-Cyclopenta[def]phenanthrene  | 190    | C15H10           | 000203-64-5 | 58    |
| 2         | Methyl diselenide               | 190    | C2H6Se2          | 007101-31-7 | 45    |
| 3         | 2,2'-Bis(4,5-dimethylimidazole) | 190    | C10H14N4         | 069286-06-2 | 43    |
| 4         | 5H-Dibenzo[a,d]cycloheptene     | 192    | C15H12           | 000256-81-5 | 18    |
| 5         | 1H-Indene, 2-phenyl-            | 192    | C15H12           | 004505-48-0 | 18    |



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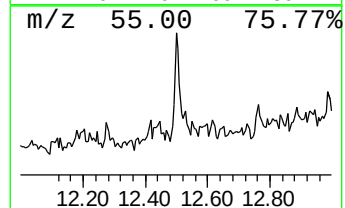
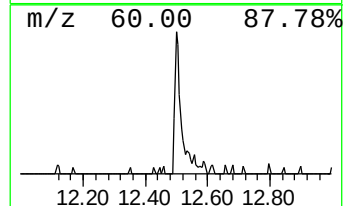
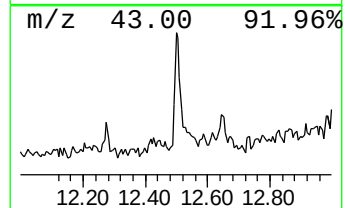
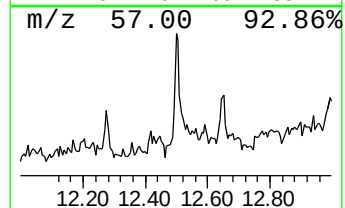
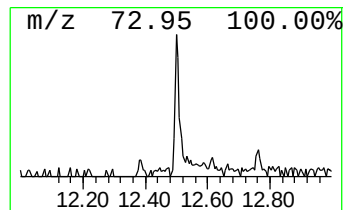
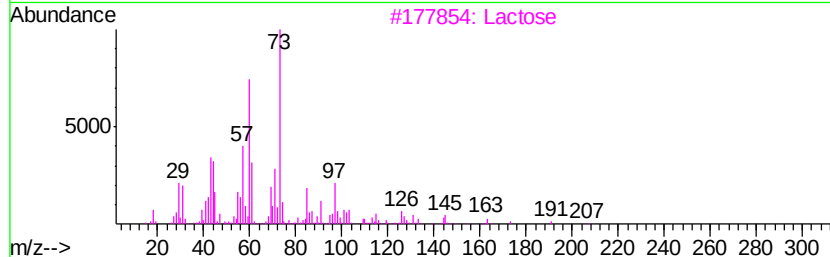
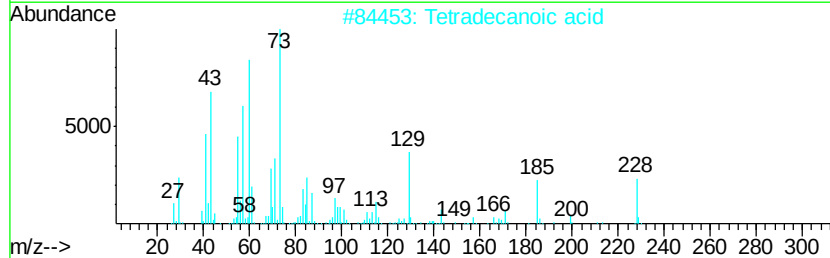
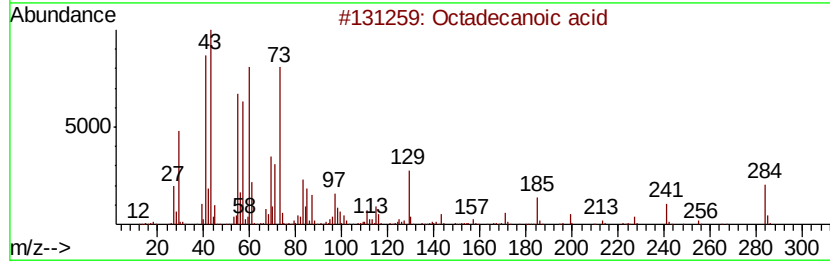
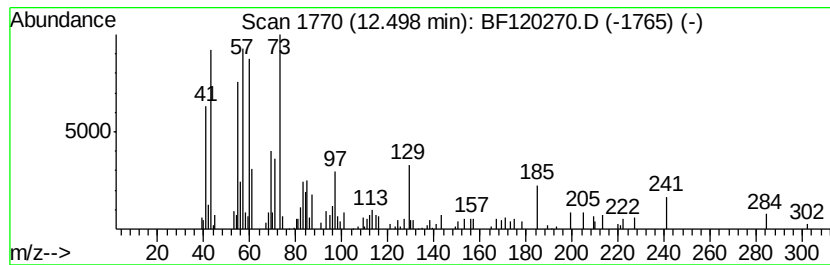
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ClientSampleId :  
AOC14-CARWASH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Octadecanoic acid Concentration Rank 10

| R.T.    | EstConc | Area               | Relative to ISTD | R.T.           |
|---------|---------|--------------------|------------------|----------------|
| 12.50   | 2.12 ng | 117218             | Chrysene-d12     | 13.82          |
| Hit# of | 5       | Tentative ID       | MW MolForm       | CAS# Qual      |
| 1       |         | Octadecanoic acid  | 284 C18H36O2     | 000057-11-4 95 |
| 2       |         | Tetradecanoic acid | 228 C14H28O2     | 000544-63-8 72 |
| 3       |         | Lactose            | 342 C12H22O11    | 000063-42-3 58 |
| 4       |         | Pentadecanoic acid | 242 C15H30O2     | 001002-84-2 58 |
| 5       |         | Undecanoic acid    | 186 C11H22O2     | 000112-37-8 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\  
Data File : BF120270.D  
Acq On : 1 May 2020 20:45  
Operator : MA/SJ  
Sample : L2463-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AOC14-CARWASH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

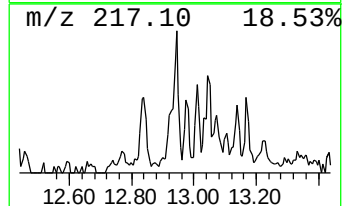
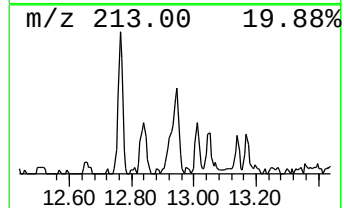
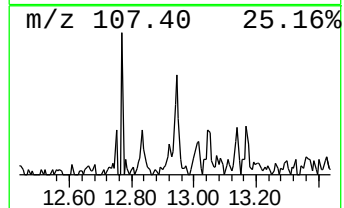
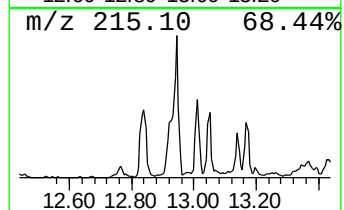
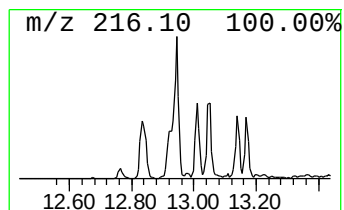
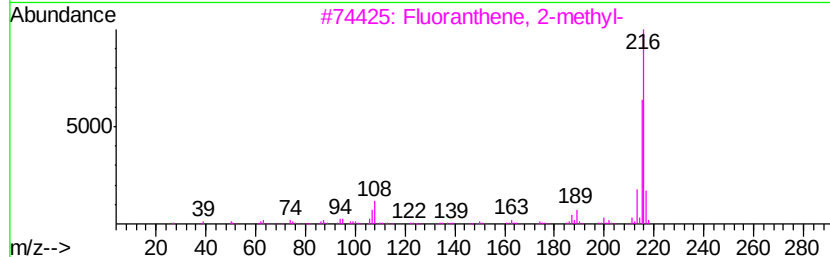
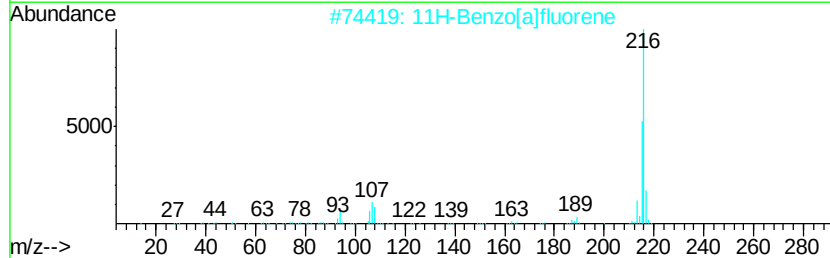
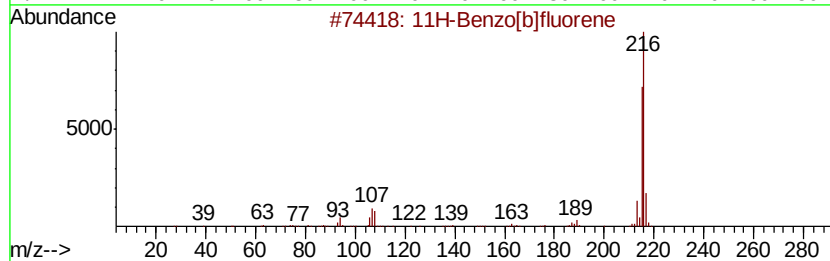
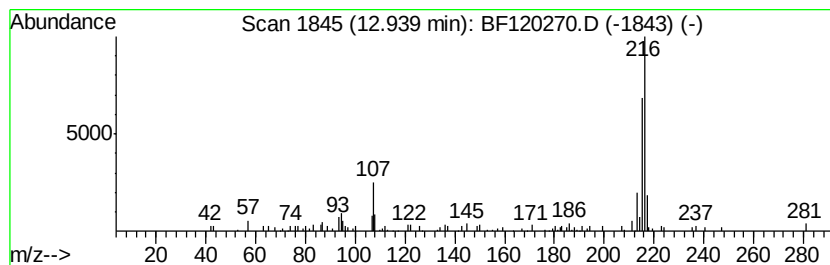
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.94 | 2.19 ng | 121080 | Chrysene-d12     | 13.82 |

| Hit# of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------|-----|---------|-------------|------|
| 1       |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 94   |
| 2       |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 90   |
| 3       |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 81   |
| 4       |   | Pyrene, 2-methyl-       | 216 | C17H12  | 003442-78-2 | 80   |
| 5       |   | Pyrene, 4-methyl-       | 216 | C17H12  | 003353-12-6 | 70   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\  
Data File : BF120270.D  
Acq On : 1 May 2020 20:45  
Operator : MA/SJ  
Sample : L2463-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

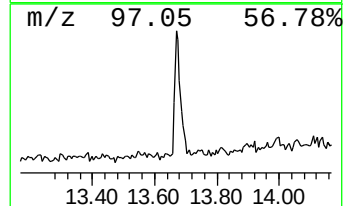
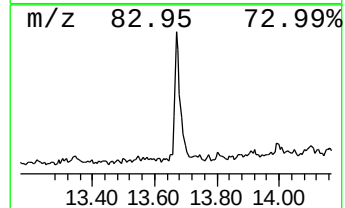
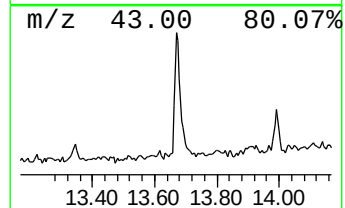
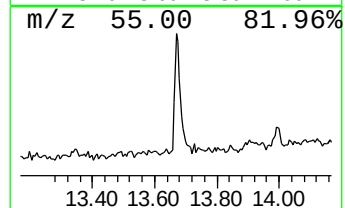
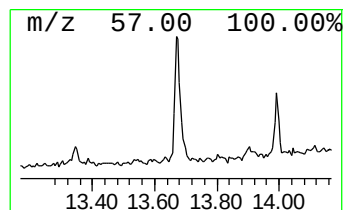
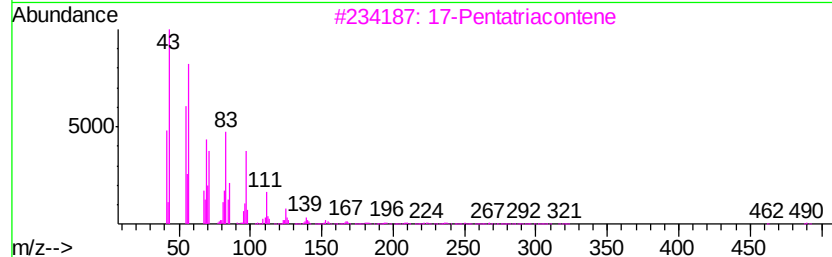
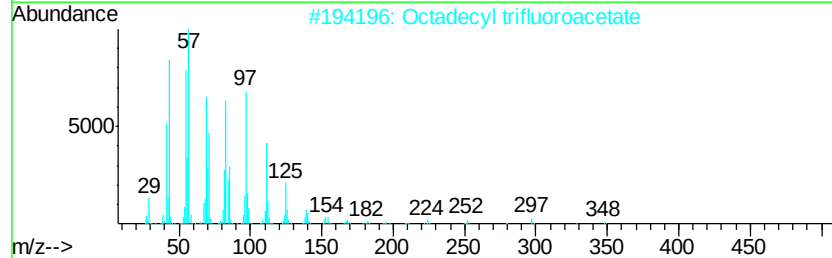
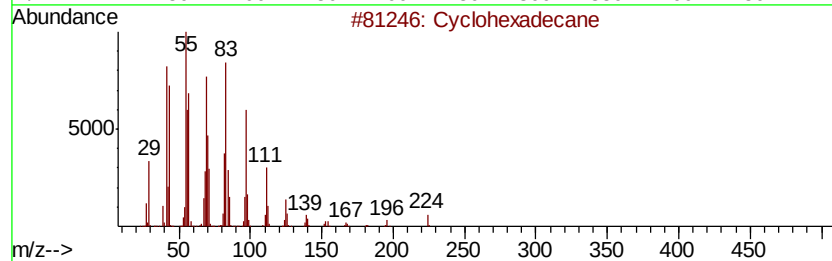
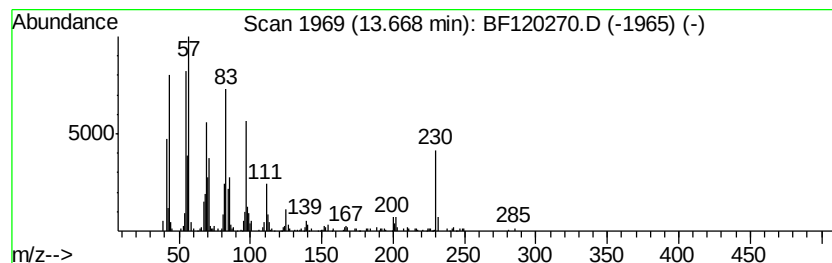
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ClientSampleId :  
AOC14-CARWASH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.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 Cyclohexadecane Concentration Rank 4

| R.T.    | EstConc | Area                       | Relative to ISTD | R.T.           |
|---------|---------|----------------------------|------------------|----------------|
| 13.67   | 6.43 ng | 355289                     | Chrysene-d12     | 13.82          |
| Hit# of | 5       | Tentative ID               | MW MolForm       | CAS# Qual      |
| 1       |         | Cyclohexadecane            | 224 C16H32       | 000295-65-8 97 |
| 2       |         | Octadecyl trifluoroacetate | 366 C20H37F3O2   | 079392-43-1 81 |
| 3       |         | 17-Pentatriacontene        | 491 C35H70       | 006971-40-0 81 |
| 4       |         | 1-Hexadecanol              | 242 C16H34O      | 036653-82-4 81 |
| 5       |         | 11-Tricosene               | 322 C23H46       | 052078-56-5 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\  
 Data File : BF120270.D  
 Acq On : 1 May 2020 20:45  
 Operator : MA/SJ  
 Sample : L2463-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

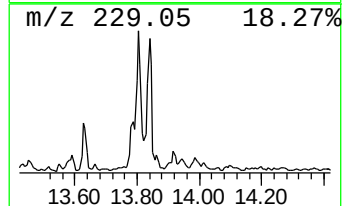
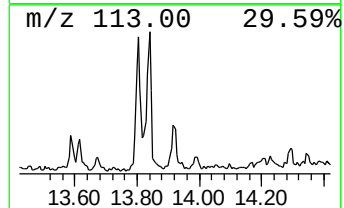
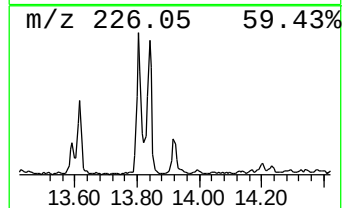
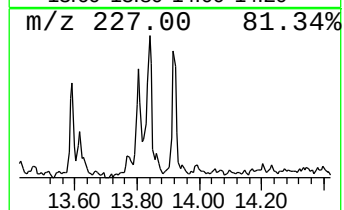
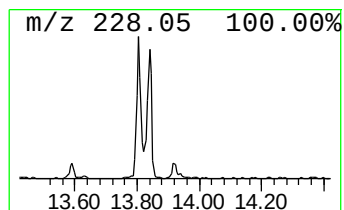
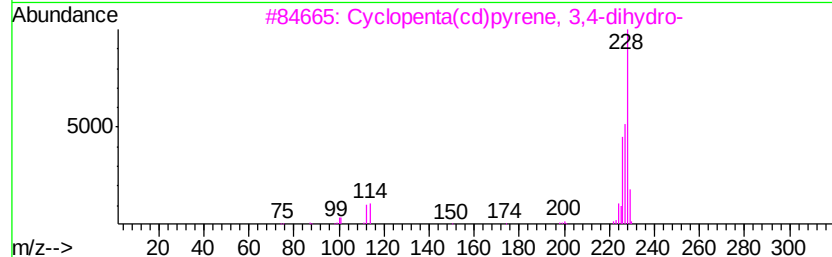
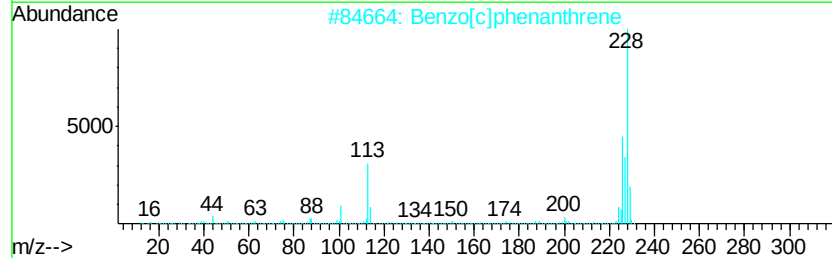
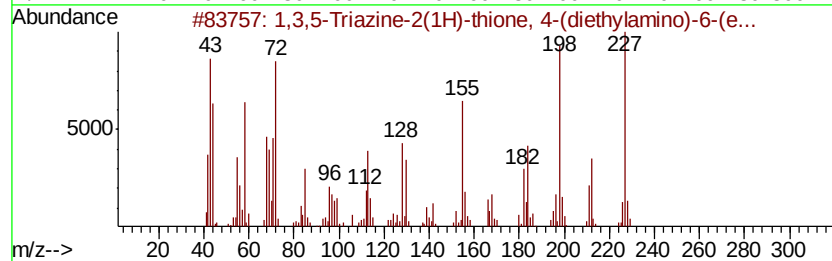
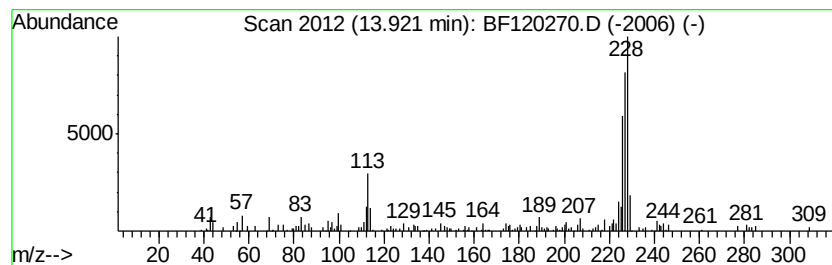
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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 Peak Number 8 1,3,5-Triazine-2(1H)-thione... Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 13.92     | 2.93 ng                             | 161829 | Chrysene-d12     | 13.82       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1,3,5-Triazine-2(1H)-thione, 4-(... | 227    | C9H17N5S         | 023613-02-7 | 80   |
| 2         | Benzo[c]phenanthrene                | 228    | C18H12           | 000195-19-7 | 55   |
| 3         | Cyclopenta(cd)pyrene, 3,4-dihydro-  | 228    | C18H12           | 025732-74-5 | 46   |
| 4         | Triphenylene                        | 228    | C18H12           | 000217-59-4 | 43   |
| 5         | 2-Chloro-5H-dibenzo[b,f]azepine     | 227    | C14H10ClN        | 022684-29-3 | 41   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\  
Data File : BF120270.D  
Acq On : 1 May 2020 20:45  
Operator : MA/SJ  
Sample : L2463-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

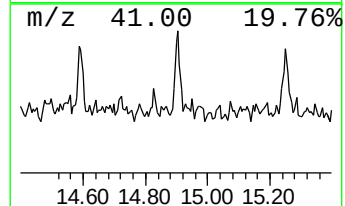
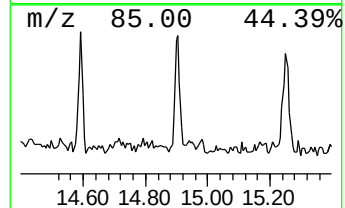
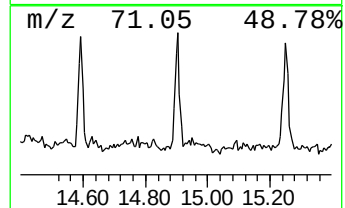
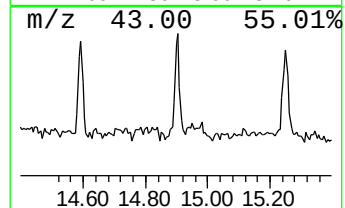
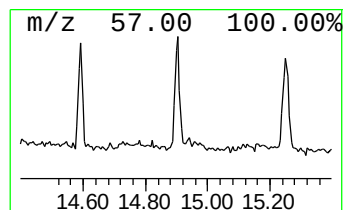
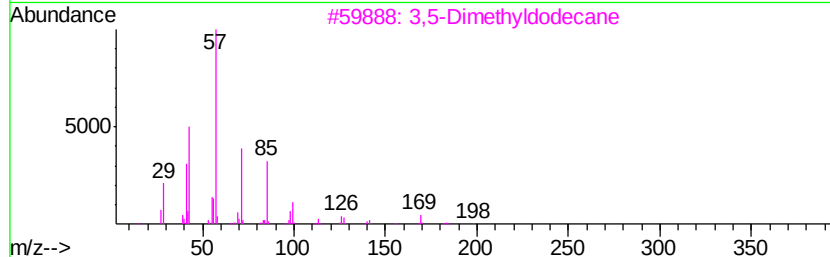
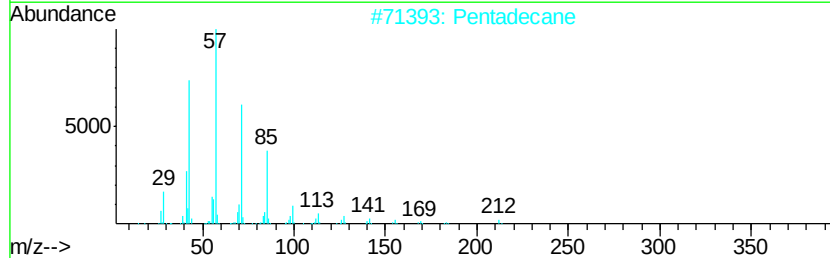
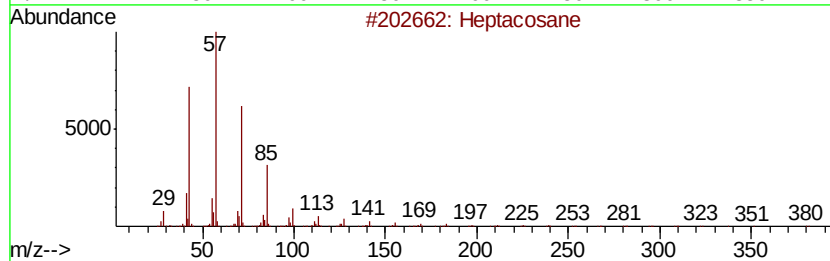
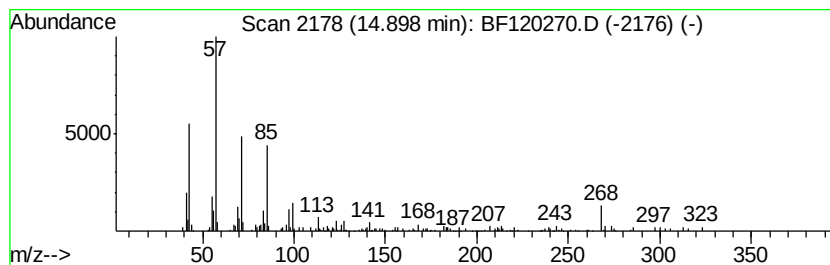
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ClientSampleId :  
AOC14-CARWASH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.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 Heptacosane Concentration Rank 9

| R.T.    | EstConc              | Area         | Relative to ISTD | R.T.      |
|---------|----------------------|--------------|------------------|-----------|
| 14.90   | 2.17 ng              | 107427       | Perylene-d12     | 15.22     |
| Hit# of | 5                    | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heptacosane          | 380 C27H56   | 000593-49-7      | 80        |
| 2       | Pentadecane          | 212 C15H32   | 000629-62-9      | 74        |
| 3       | 3,5-Dimethyldodecane | 198 C14H30   | 107770-99-0      | 74        |
| 4       | Tridecane            | 184 C13H28   | 000629-50-5      | 74        |
| 5       | Tridecane, 2-methyl- | 198 C14H30   | 001560-96-9      | 72        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\  
Data File : BF120270.D  
Acq On : 1 May 2020 20:45  
Operator : MA/SJ  
Sample : L2463-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

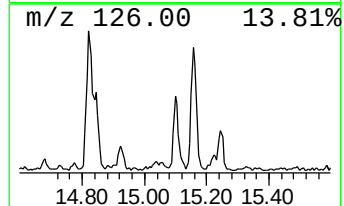
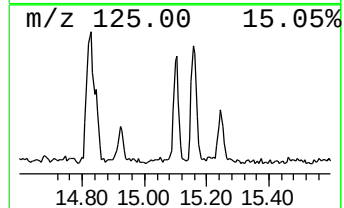
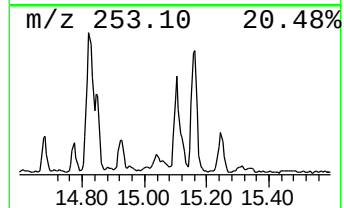
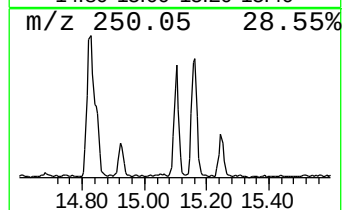
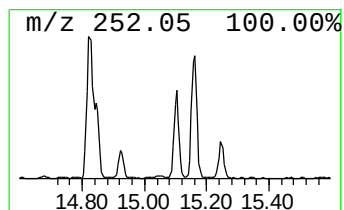
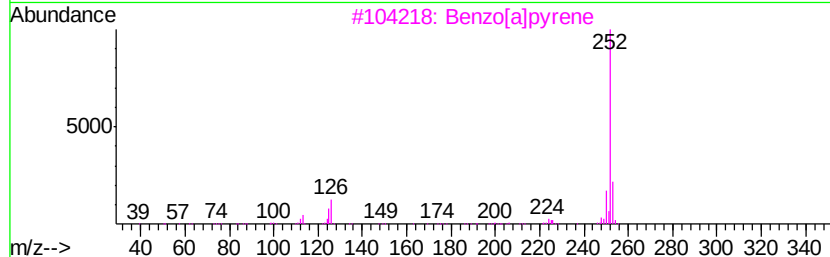
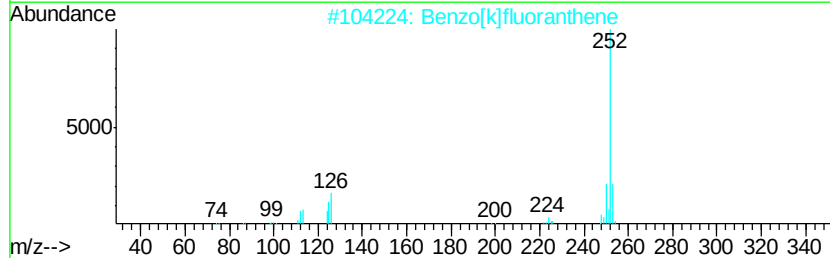
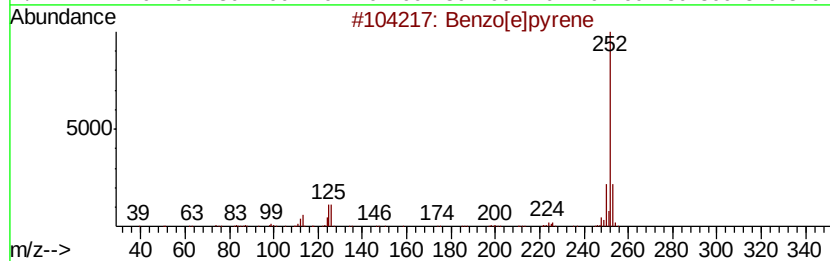
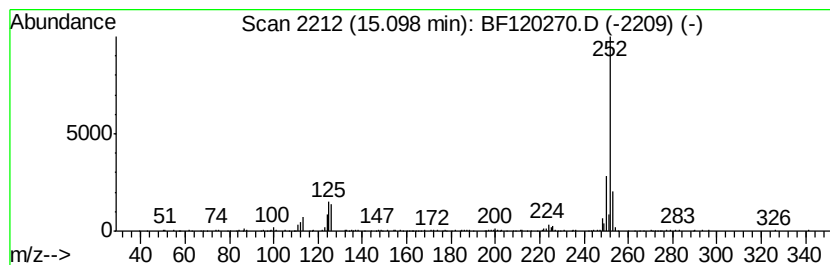
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ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Benzo[e]pyrene Concentration Rank 3

| R.T.      | EstConc                   | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------------|--------|------------------|-------------|------|
| 15.10     | 6.69 ng                   | 331839 | Perylene-d12     | 15.22       |      |
| Hit# of 5 | Tentative ID              | MW     | MolForm          | CAS#        | Qual |
| 1         | Benzo[e]pyrene            | 252    | C20H12           | 000192-97-2 | 98   |
| 2         | Benzo[k]fluoranthene      | 252    | C20H12           | 000207-08-9 | 95   |
| 3         | Benzo[a]pyrene            | 252    | C20H12           | 000050-32-8 | 94   |
| 4         | Benzo[e]acephenanthrylene | 252    | C20H12           | 000205-99-2 | 90   |
| 5         | Perylene                  | 252    | C20H12           | 000198-55-0 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF050120\  
 Data File : BF120270.D  
 Acq On : 1 May 2020 20:45  
 Operator : MA/SJ  
 Sample : L2463-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 AOC14-CARWASH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040820.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 |
| 2,4,7,9-Tetrameth... | 9.14  | 3.1 ng  |       | 129425   | 3                     | 9.69  | 837012  | 20.0 |
| n-Hexadecanoic acid  | 11.72 | 9.4 ng  |       | 399301   | 4                     | 11.17 | 852236  | 20.0 |
| 4H-Cyclopenta[def... | 11.79 | 2.9 ng  |       | 121434   | 4                     | 11.17 | 852236  | 20.0 |
| Octadecanoic acid    | 12.50 | 2.1 ng  |       | 117218   | 5                     | 13.82 | 1104400 | 20.0 |
| 11H-Benzo[b]fluorene | 12.94 | 2.2 ng  |       | 121080   | 5                     | 13.82 | 1104400 | 20.0 |
| Cyclohexadecane      | 13.67 | 6.4 ng  |       | 355289   | 5                     | 13.82 | 1104400 | 20.0 |
| 1,3,5-Triazine-2(... | 13.92 | 2.9 ng  |       | 161829   | 5                     | 13.82 | 1104400 | 20.0 |
| Heptacosane          | 14.90 | 2.2 ng  |       | 107427   | 6                     | 15.22 | 991902  | 20.0 |
| Benzo[e]pyrene       | 15.10 | 6.7 ng  |       | 331839   | 6                     | 15.22 | 991902  | 20.0 |