

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
 Data File : BM029260.D  
 Acq On : 30 Mar 2021 00:46  
 Operator : CG/JU  
 Sample : M1828-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FS-SB14(15-16)

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\_M\Methods\8270-BM032621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029260.D\data.ms

| 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         | 3.016       | 17            | 22          | 26           | rBV      | 686332         | 831980        | 4.48%           | 1.300%        |
| 2         | 4.904       | 338           | 343         | 352          | rVB      | 221014         | 317634        | 1.71%           | 0.496%        |
| 3         | 5.363       | 415           | 421         | 429          | rBV      | 2499752        | 3611983       | 19.46%          | 5.643%        |
| 4         | 5.775       | 480           | 491         | 500          | rBV      | 111594         | 240168        | 1.29%           | 0.375%        |
| 5         | 6.940       | 680           | 689         | 702          | rBV      | 2457562        | 3948495       | 21.28%          | 6.169%        |
| 6         | 7.757       | 820           | 828         | 836          | rBV      | 465673         | 743587        | 4.01%           | 1.162%        |
| 7         | 8.910       | 1017          | 1024        | 1032         | rBV      | 1500215        | 2485617       | 13.39%          | 3.884%        |
| 8         | 10.539      | 1291          | 1301        | 1307         | rBV      | 624964         | 1148645       | 6.19%           | 1.795%        |
| 9         | 11.569      | 1467          | 1476        | 1485         | rBV      | 190802         | 371265        | 2.00%           | 0.580%        |
| 10        | 11.969      | 1538          | 1544        | 1555         | rVB2     | 213448         | 358549        | 1.93%           | 0.560%        |
| 11        | 12.933      | 1703          | 1708        | 1712         | rVV      | 198759         | 299116        | 1.61%           | 0.467%        |
| 12        | 13.010      | 1714          | 1721        | 1728         | rVB      | 3337564        | 5044830       | 27.18%          | 7.882%        |
| 13        | 13.216      | 1749          | 1756        | 1765         | rBV      | 236076         | 430380        | 2.32%           | 0.672%        |
| 14        | 13.874      | 1865          | 1868        | 1872         | rVB2     | 173099         | 238010        | 1.28%           | 0.372%        |
| 15        | 14.386      | 1947          | 1955        | 1962         | rVV      | 884178         | 1377799       | 7.42%           | 2.153%        |
| 16        | 15.874      | 2201          | 2208        | 2217         | rBV      | 2481659        | 3576517       | 19.27%          | 5.588%        |
| 17        | 17.121      | 2414          | 2420        | 2424         | rBV      | 1098067        | 1517140       | 8.18%           | 2.370%        |
| 18        | 17.163      | 2424          | 2427        | 2432         | rVB      | 435480         | 561544        | 3.03%           | 0.877%        |
| 19        | 18.027      | 2564          | 2574        | 2583         | rBV2     | 954330         | 1639494       | 8.83%           | 2.562%        |
| 20        | 19.004      | 2737          | 2740        | 2745         | rBV      | 345053         | 390249        | 2.10%           | 0.610%        |
| 21        | 19.204      | 2762          | 2774        | 2788         | rBV2     | 8048384        | 18557431      | 100.00%         | 28.995%       |
| 22        | 19.309      | 2788          | 2792        | 2810         | rVB      | 973730         | 1895548       | 10.21%          | 2.962%        |
| 23        | 19.533      | 2827          | 2830        | 2841         | rVB      | 395951         | 619087        | 3.34%           | 0.967%        |
| 24        | 19.745      | 2861          | 2866        | 2871         | rVB      | 5675109        | 6638022       | 35.77%          | 10.371%       |
| 25        | 20.374      | 2969          | 2973        | 2978         | rBV      | 353648         | 454058        | 2.45%           | 0.709%        |
| 26        | 20.945      | 3066          | 3070        | 3074         | rBV2     | 382421         | 533566        | 2.88%           | 0.834%        |
| 27        | 21.009      | 3077          | 3081        | 3086         | rVB      | 601861         | 718410        | 3.87%           | 1.122%        |
| 28        | 21.292      | 3123          | 3129        | 3133         | rBV      | 1435023        | 1958432       | 10.55%          | 3.060%        |
| 29        | 21.939      | 3234          | 3239        | 3249         | rBV      | 962815         | 1621177       | 8.74%           | 2.533%        |
| 30        | 23.527      | 3504          | 3509        | 3523         | rVB2     | 978566         | 1873923       | 10.10%          | 2.928%        |

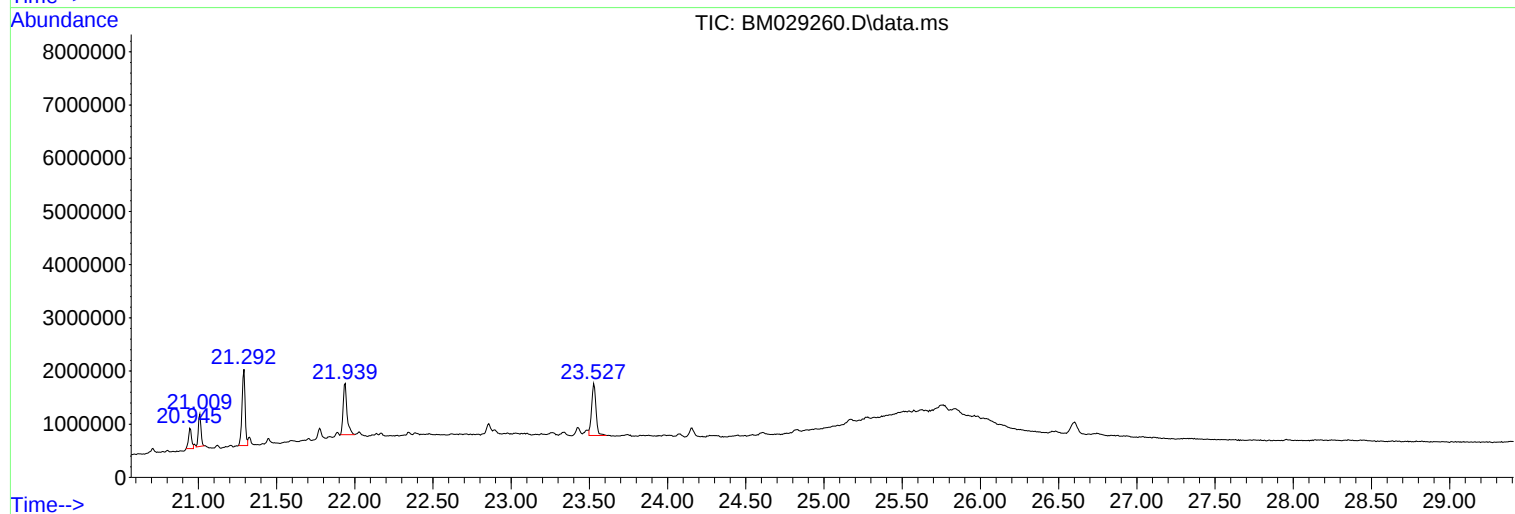
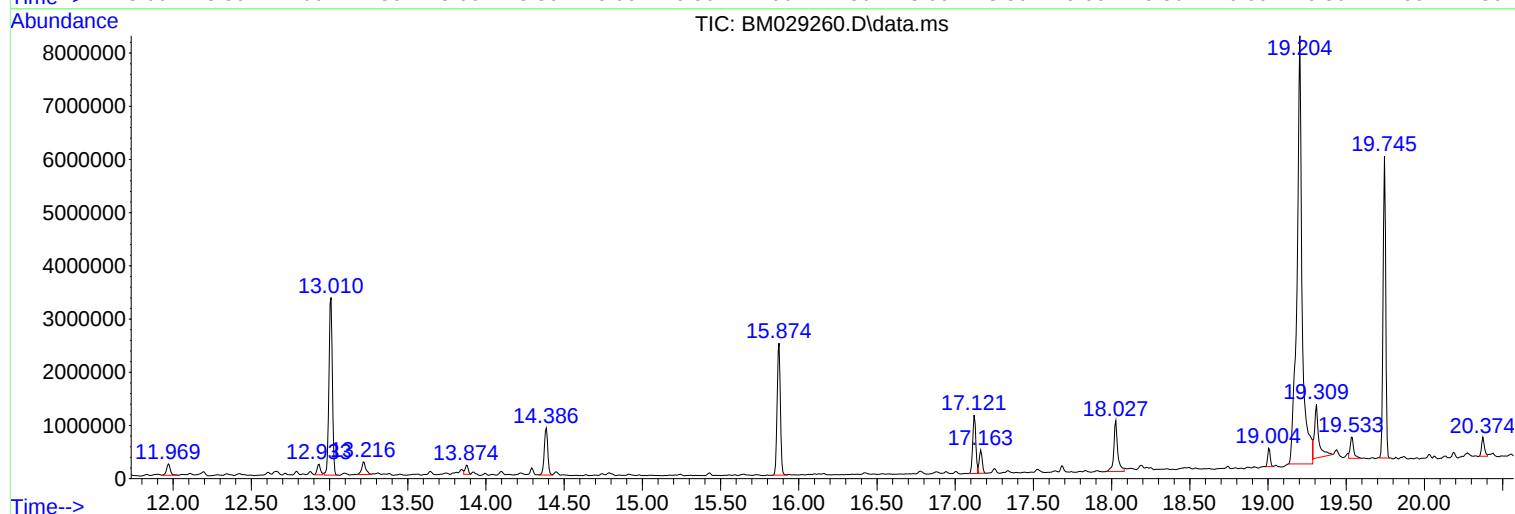
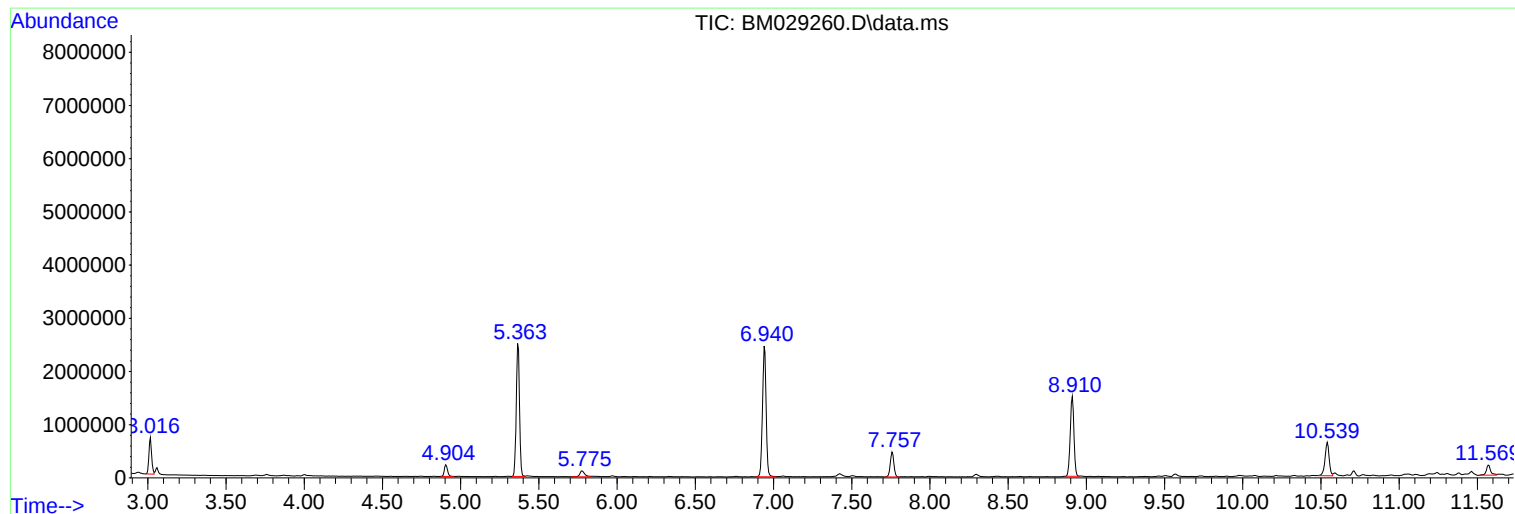
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Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.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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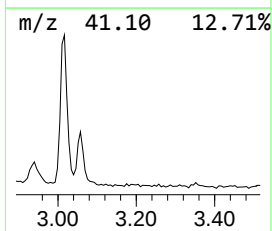
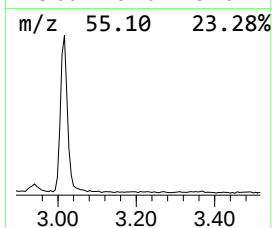
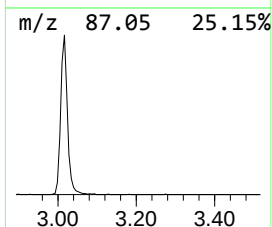
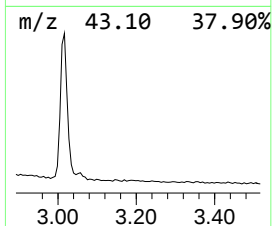
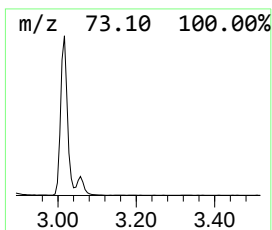
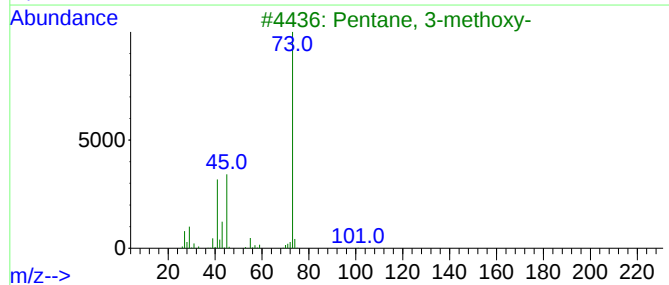
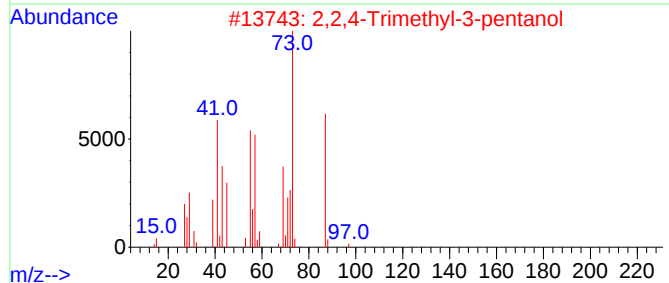
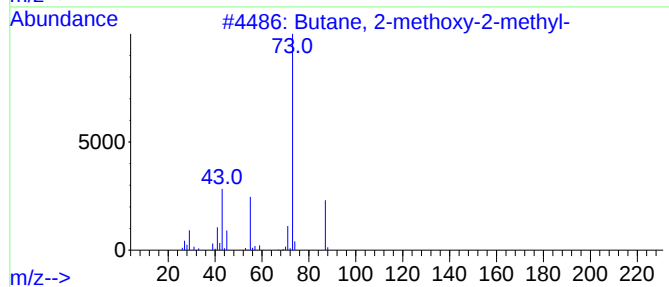
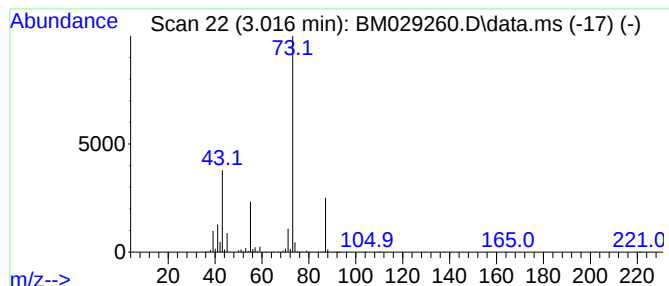
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.016 | 22.38 ng | 831980 | 1,4-Dichlorobenzene-d4 | 7.757 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 56   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

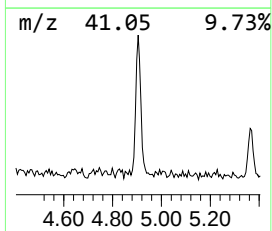
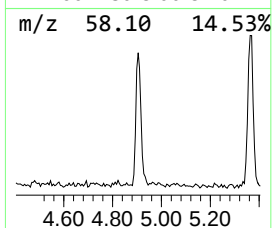
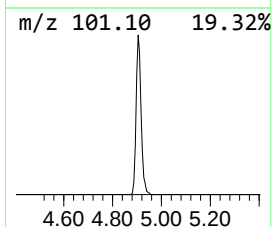
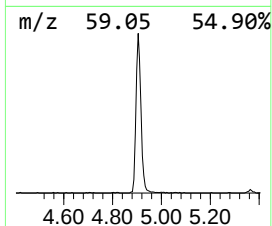
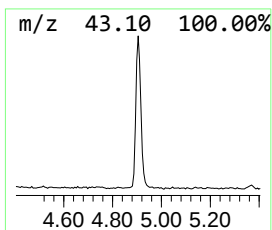
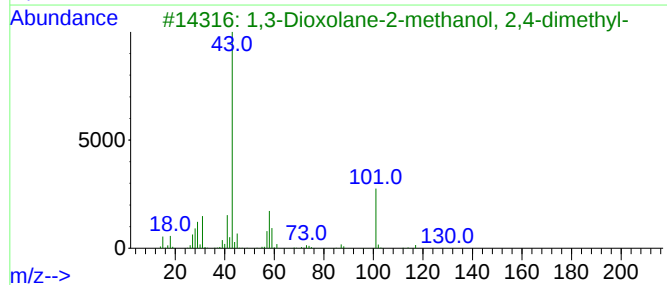
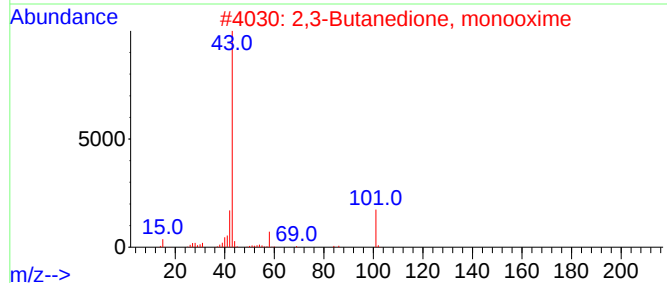
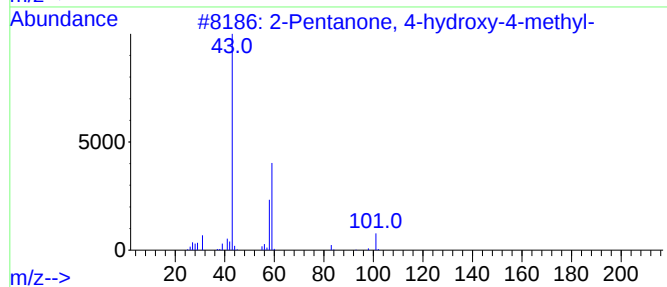
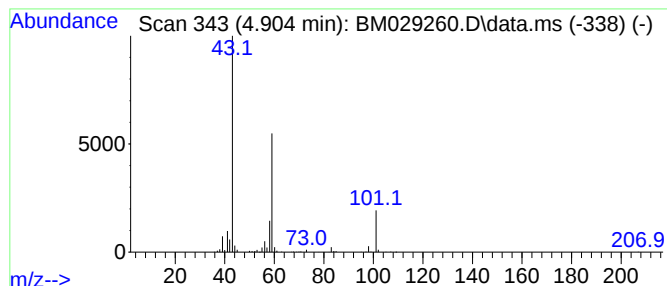
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.904 | 8.54 ng | 317634 | 1,4-Dichlorobenzene-d4 | 7.757 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 40   |
| 2    |      | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 35   |
| 3    |      | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3 | 053951-43-2 | 28   |
| 4    |      | 4-Hydroxy-3-hexanone                | 116 | C6H12O2 | 004984-85-4 | 23   |
| 5    |      | Butyl aldoxime, 3-methyl-, syn-     | 101 | C5H11NO | 005780-40-5 | 17   |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

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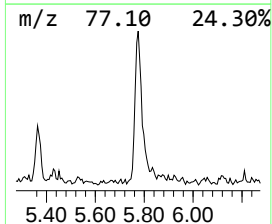
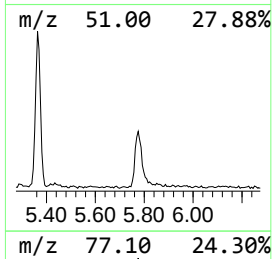
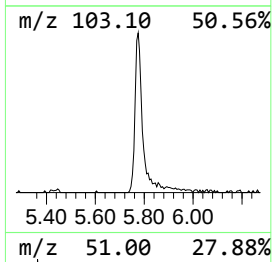
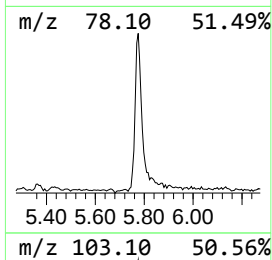
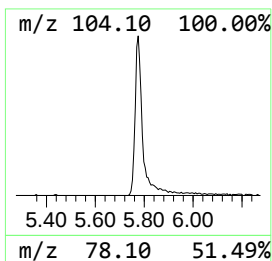
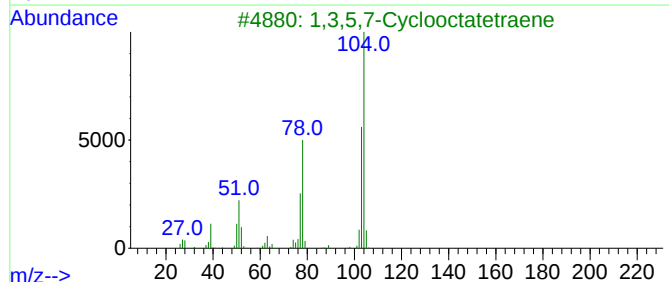
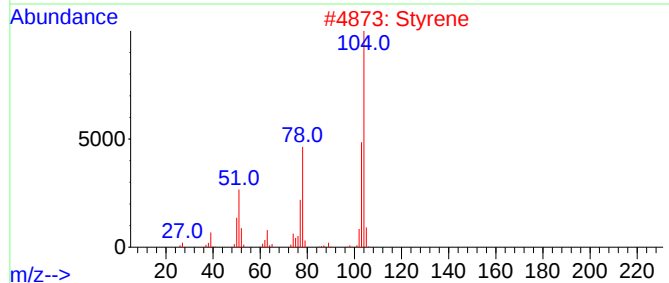
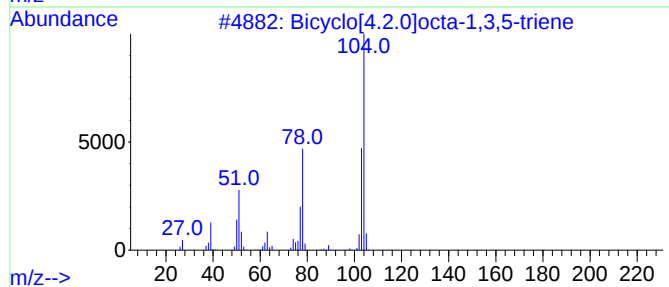
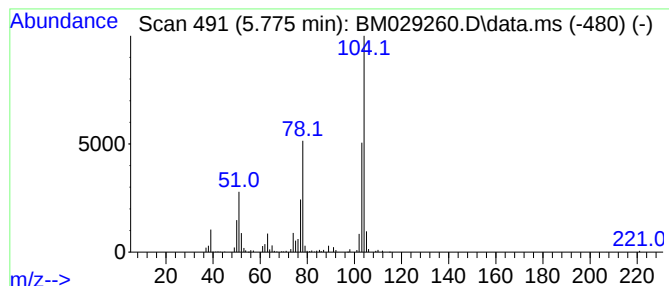
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.775 | 6.46 ng | 240168 | 1,4-Dichlorobenzene-d4 | 7.757 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Bicyclo[4.2.0]octa-1,3,5-triene     | 104 | C8H8    | 000694-87-1 | 96   |
| 2    |    |   | Styrene                             | 104 | C8H8    | 000100-42-5 | 96   |
| 3    |    |   | 1,3,5,7-Cyclooctatetraene           | 104 | C8H8    | 000629-20-9 | 94   |
| 4    |    |   | 7-Thiapentacyclo[4.4.0.0(2,5).0(... | 196 | C9H8O3S | 019086-79-4 | 64   |
| 5    |    |   | Indan, epoxide                      | 132 | C9H8O   | 000768-22-9 | 59   |



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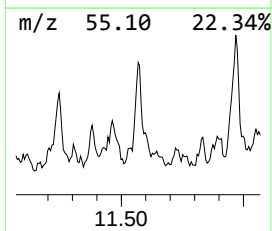
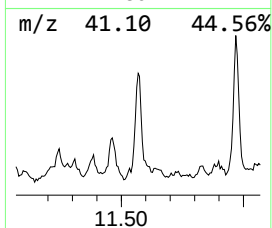
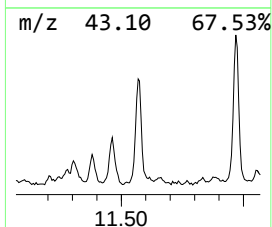
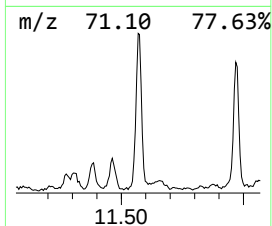
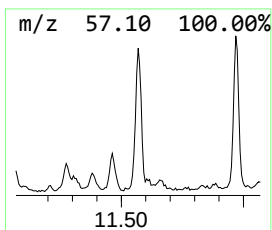
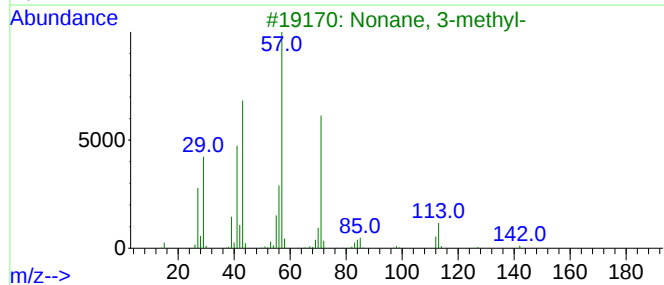
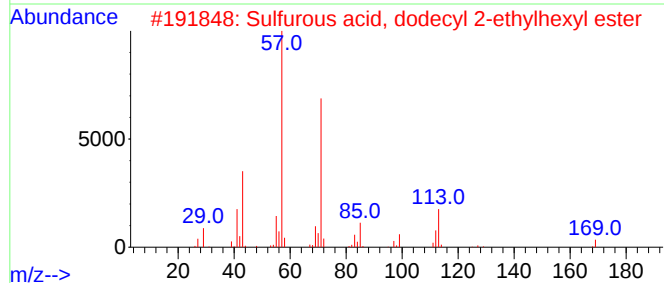
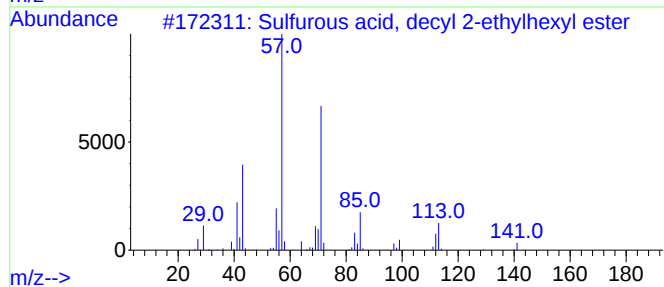
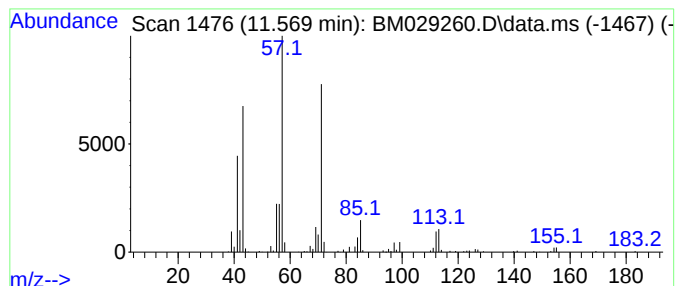
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Sulfurous acid, decyl 2-eth... Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.569 | 6.46 ng | 371265 | Naphthalene-d8   | 10.539 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 80   |
| 2    |    |   | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 78   |
| 3    |    |   | Nonane, 3-methyl-                   | 142 | C10H22    | 005911-04-6  | 72   |
| 4    |    |   | Octane, 2,3,7-trimethyl-            | 156 | C11H24    | 062016-34-6  | 72   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 59   |



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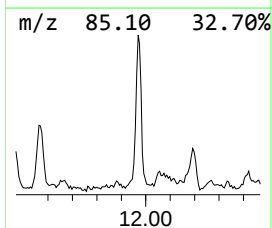
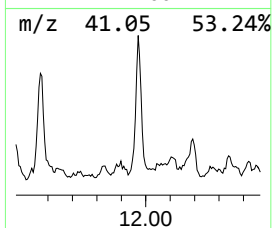
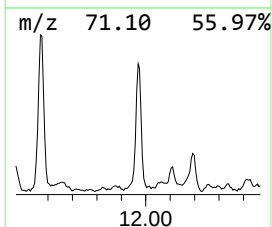
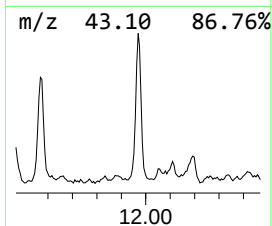
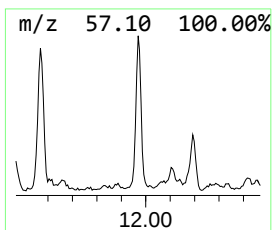
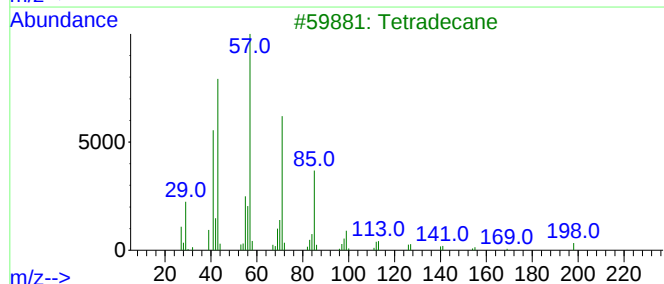
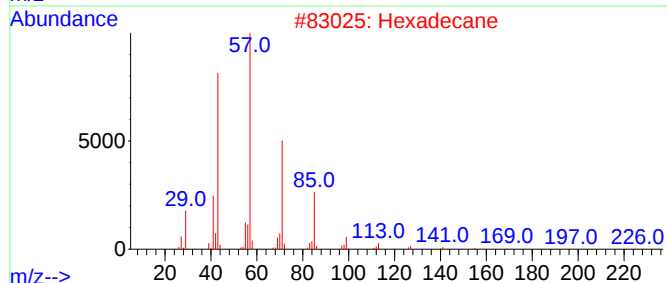
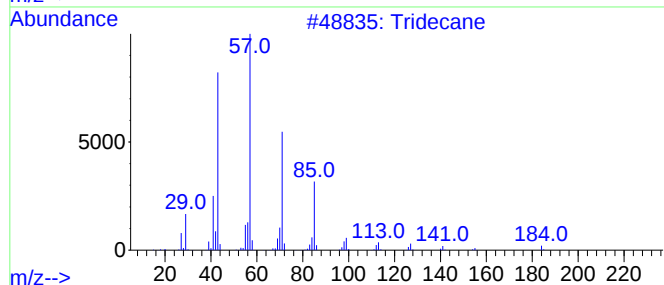
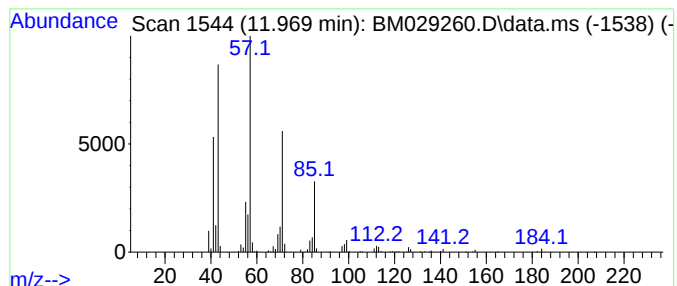
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Tridecane Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.969 | 6.24 ng | 358549 | Naphthalene-d8   | 10.539 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 91   |
| 2    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |    |   | Tetradecane              | 198 | C14H30  | 000629-59-4 | 90   |
| 4    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 86   |
| 5    |    |   | Dodecane                 | 170 | C12H26  | 000112-40-3 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

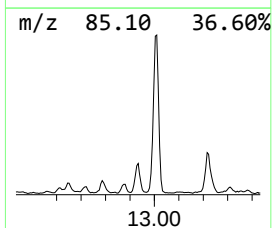
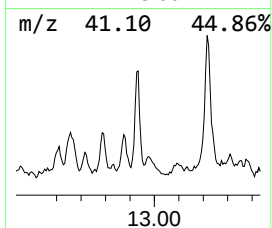
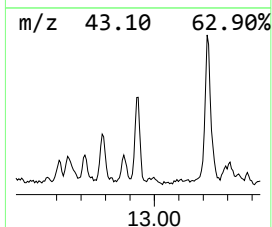
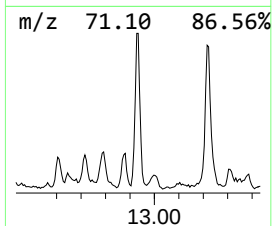
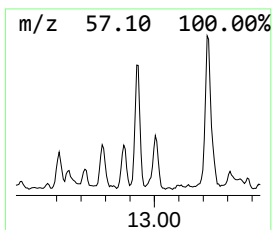
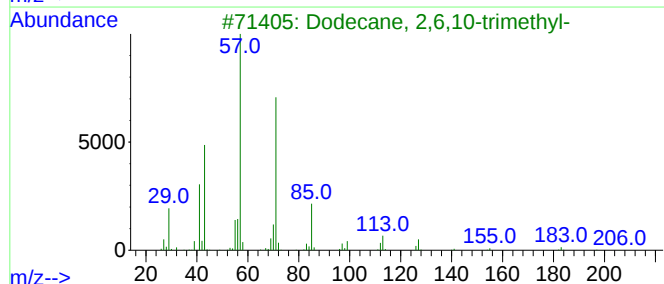
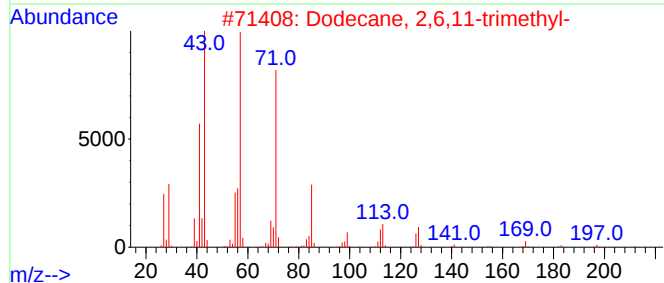
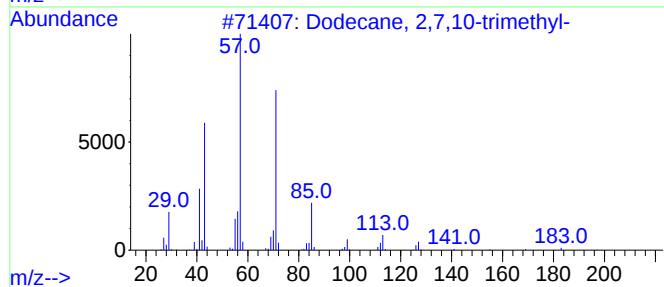
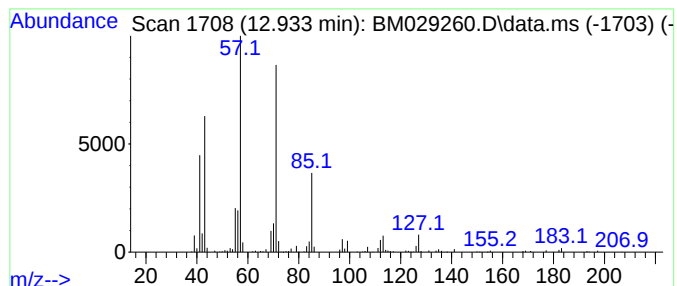
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.933 | 4.34 ng | 299116 | Acenaphthene-d10 | 14.386 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 91   |
| 2    |    |   | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4 | 90   |
| 3    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32  | 003891-98-3 | 90   |
| 4    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 83   |
| 5    |    |   | Dodecane, 4,6-dimethyl-             | 198 | C14H30  | 061141-72-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

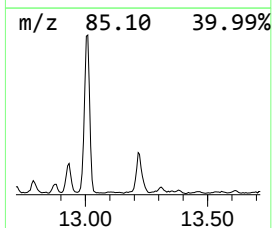
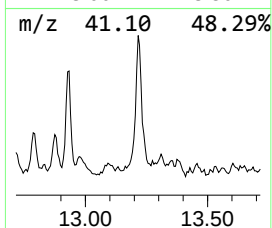
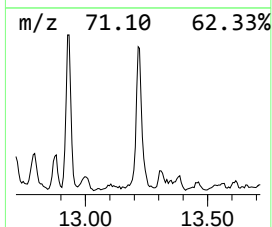
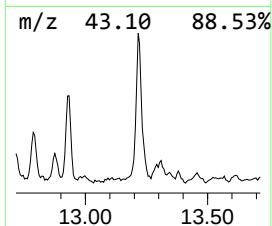
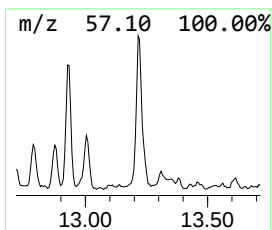
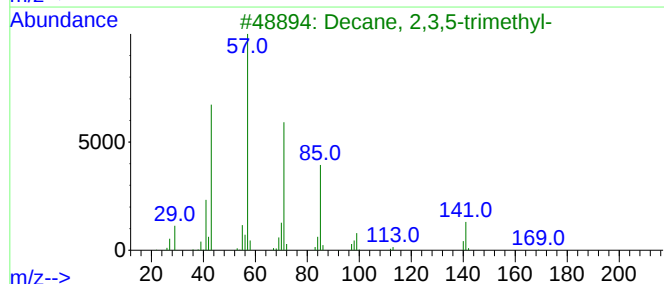
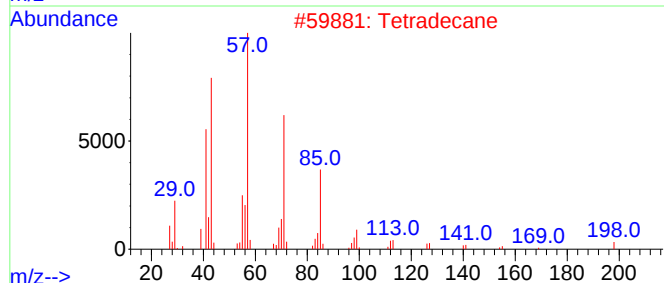
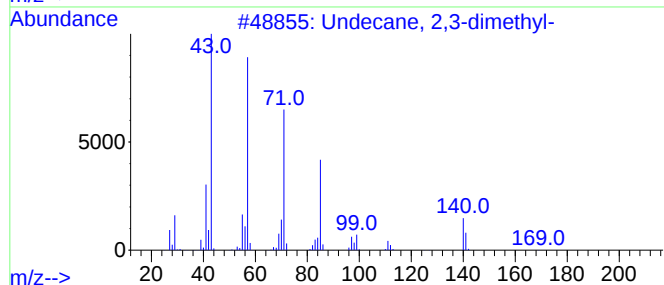
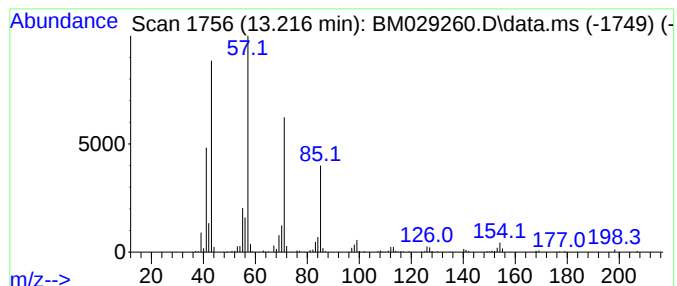
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ClientSampleId :  
FS-SB14(15-16)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.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, 2,3-dimethyl- Concentration Rank 9

| R.T.      | EstConc                  | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------|--------|------------------|---------|-------------|------|
| 13.216    | 6.25 ng                  | 430380 | Acenaphthene-d10 |         | 14.386      |      |
| Hit# of 5 | Tentative ID             |        | MW               | MolForm | CAS#        | Qual |
| 1         | Undecane, 2,3-dimethyl-  |        | 184              | C13H28  | 017312-77-5 | 83   |
| 2         | Tetradecane              |        | 198              | C14H30  | 000629-59-4 | 81   |
| 3         | Decane, 2,3,5-trimethyl- |        | 184              | C13H28  | 062238-11-3 | 78   |
| 4         | Tridecane, 2-methyl-     |        | 198              | C14H30  | 001560-96-9 | 72   |
| 5         | Hexadecane               |        | 226              | C16H34  | 000544-76-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

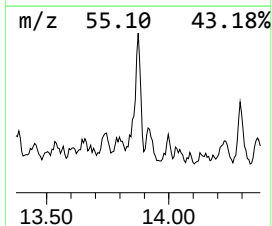
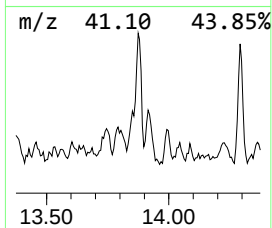
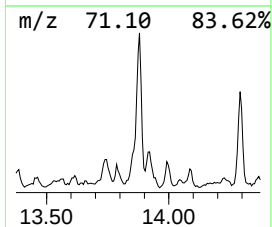
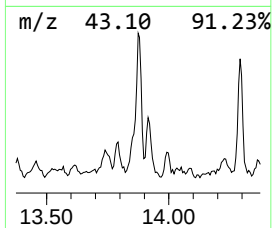
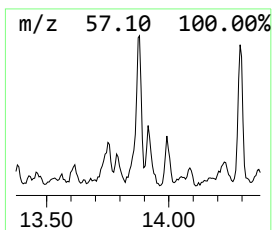
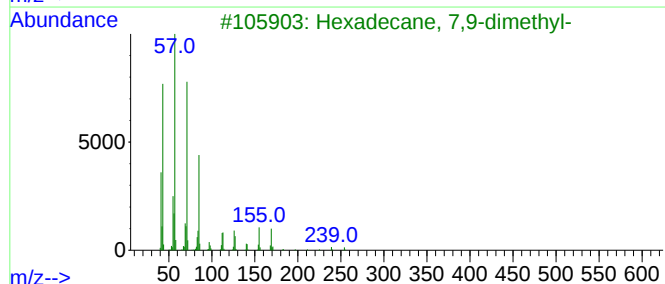
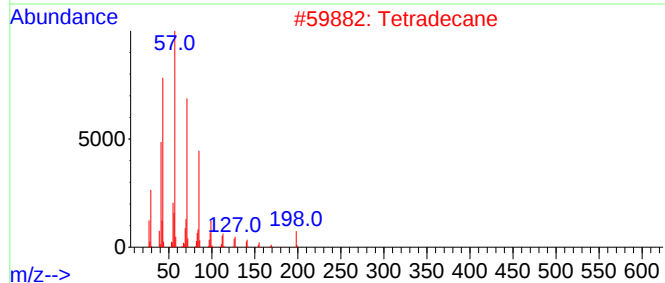
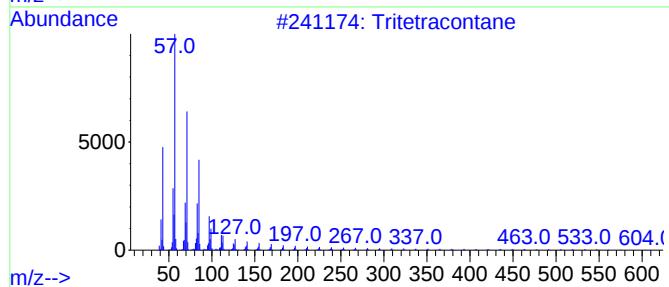
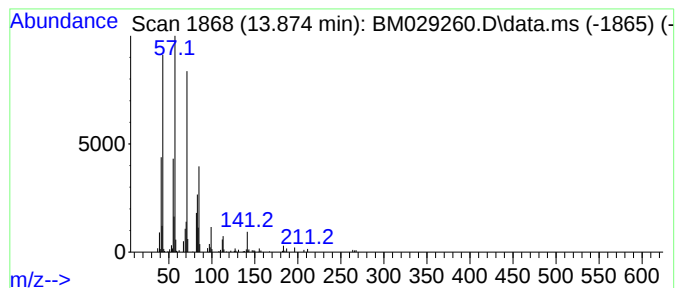
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Tritetracontane Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.874 | 3.45 ng | 238010 | Acenaphthene-d10 | 14.386 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Tritetracontane            | 605 | C43H88  | 007098-21-7 | 90   |
| 2    |    |   | Tetradecane                | 198 | C14H30  | 000629-59-4 | 72   |
| 3    |    |   | Hexadecane, 7,9-dimethyl-  | 254 | C18H38  | 021164-95-4 | 64   |
| 4    |    |   | Nonane, 3-methyl-5-propyl- | 184 | C13H28  | 031081-18-2 | 64   |
| 5    |    |   | Dodecane, 4-methyl-        | 184 | C13H28  | 006117-97-1 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

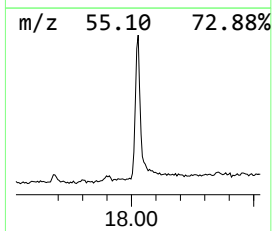
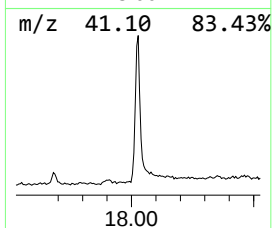
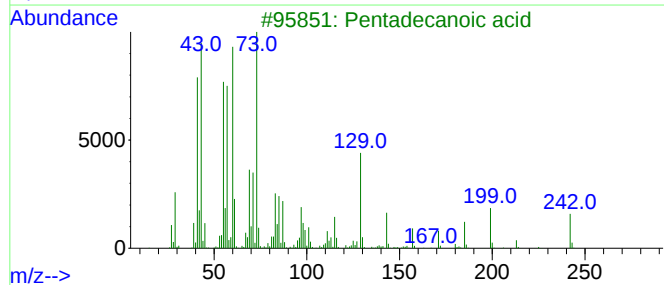
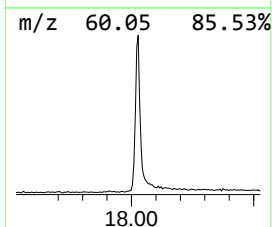
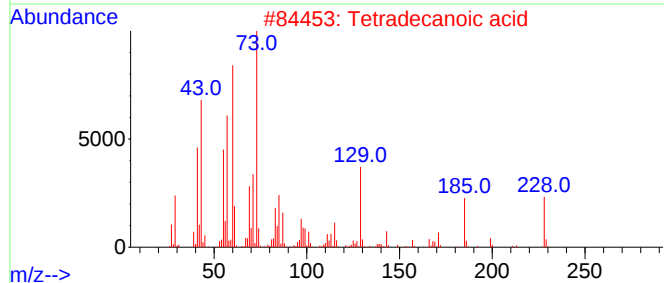
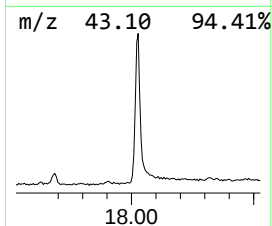
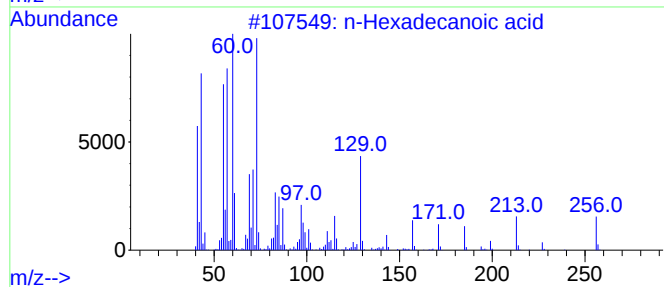
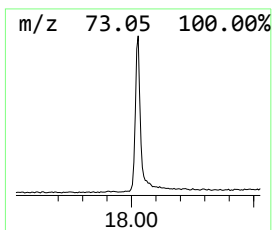
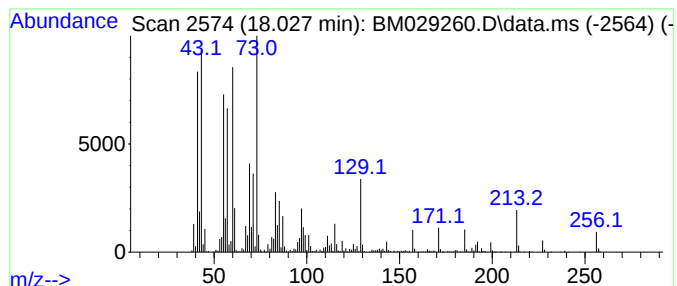
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.027 | 21.61 ng | 1639490 | Phenanthrene-d10 | 17.121 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

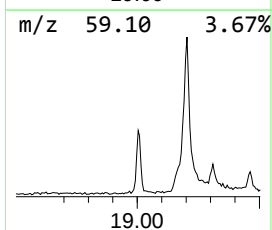
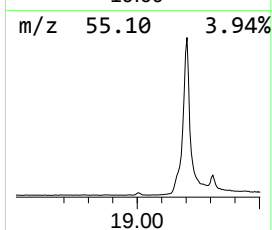
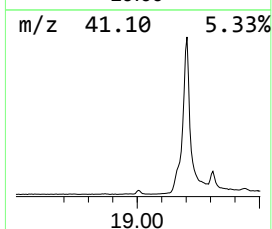
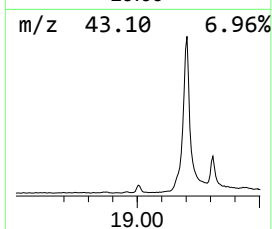
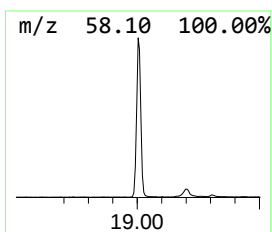
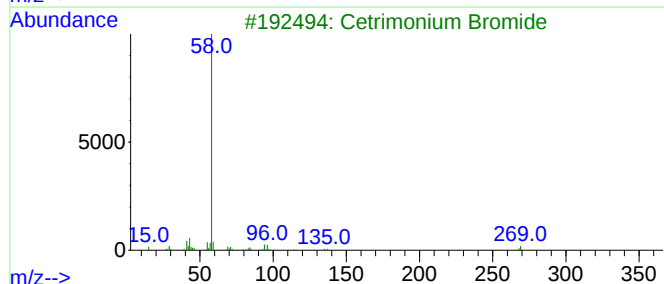
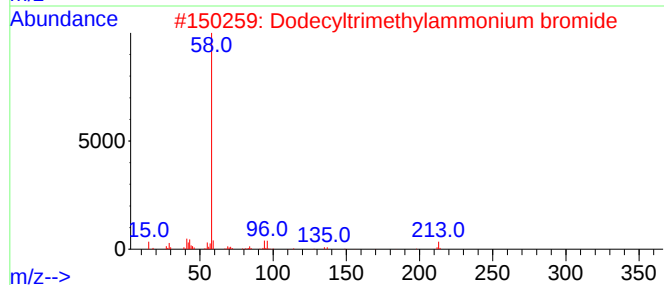
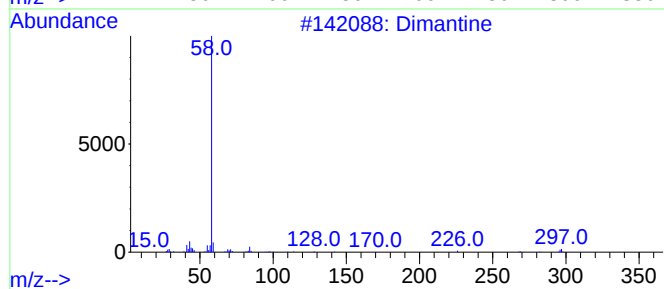
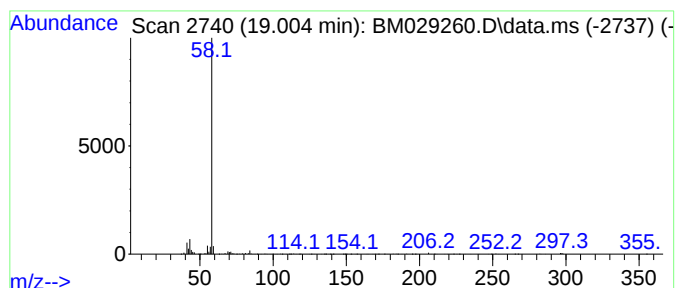
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Dimantine Concentration Rank 12

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.004    | 5.14 ng                             | 390249 | Phenanthrene-d10 | 17.121      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Dimantine                           | 297    | C20H43N          | 000124-28-7 | 90   |
| 2         | Dodecyltrimethylammonium bromide    | 307    | C15H34BrN        | 001119-94-4 | 72   |
| 3         | Cetrimonium Bromide                 | 363    | C19H42BrN        | 000057-09-0 | 72   |
| 4         | 3(N,N-Dimethylmyristylammonio)pr... | 363    | C19H41N03S       | 014933-09-6 | 72   |
| 5         | Tetradonium Bromide                 | 335    | C17H38BrN        | 001119-97-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

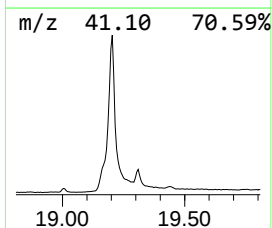
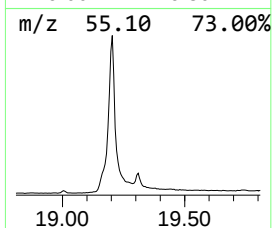
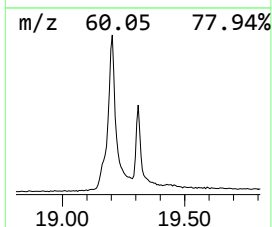
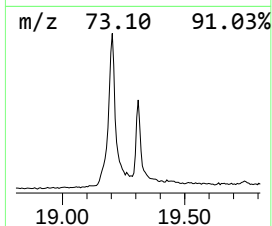
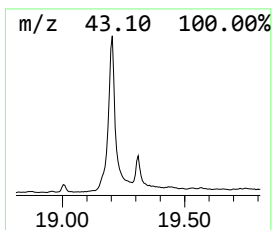
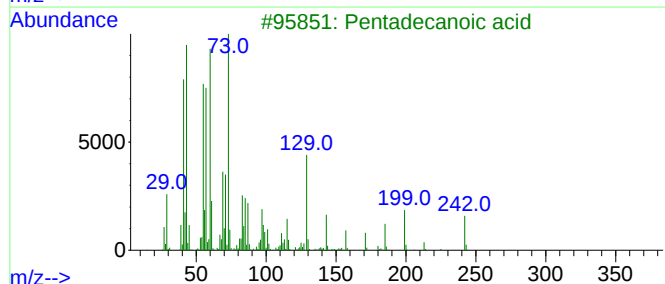
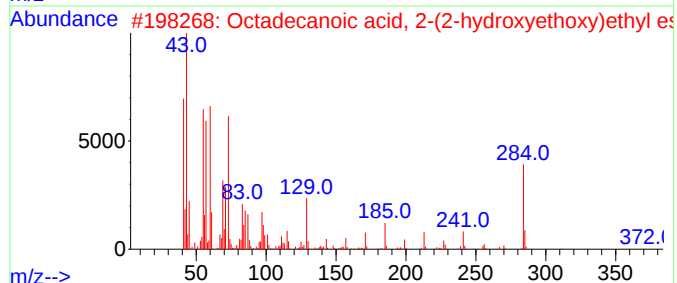
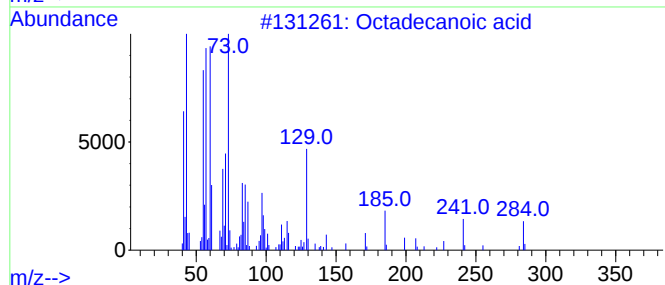
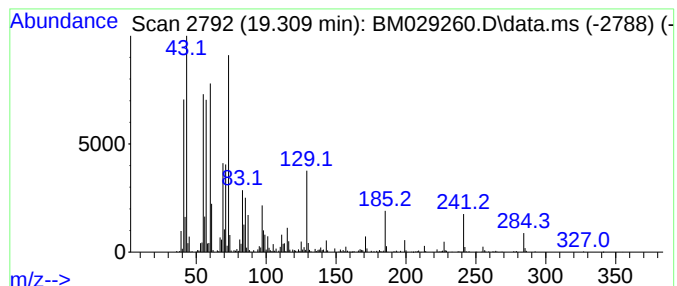
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 19.309 | 19.36 ng | 1895550 | Chrysene-d12     | 21.292 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 90   |
| 3    |    |   | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 80   |
| 5    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

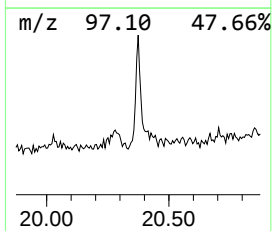
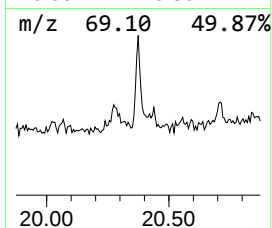
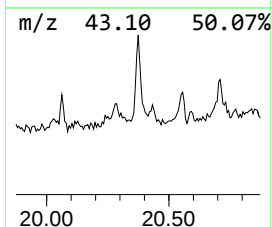
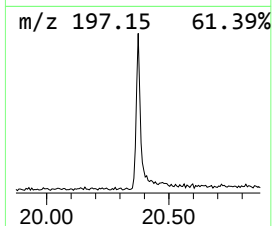
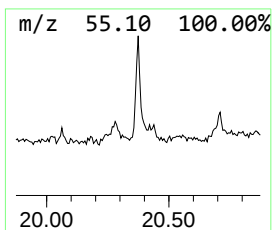
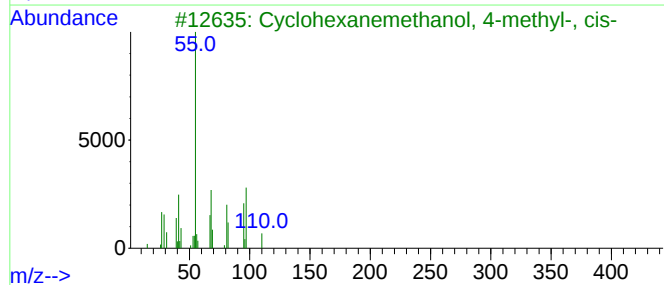
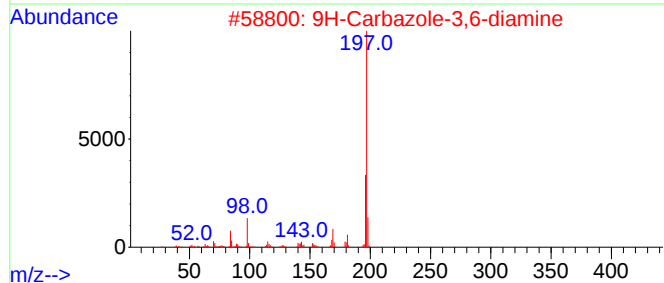
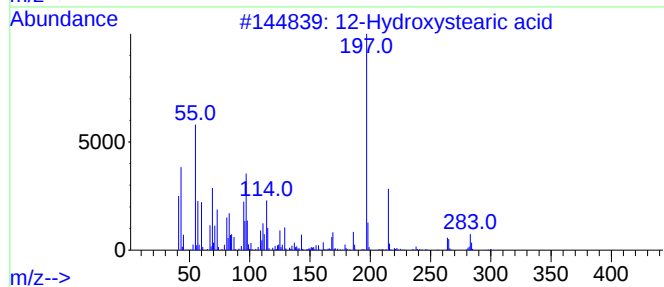
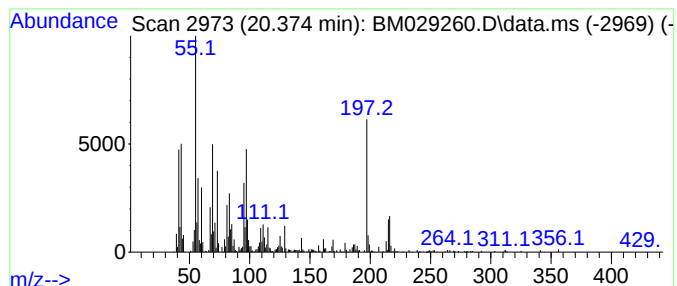
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 unknown20.374 Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.374 | 4.64 ng | 454058 | Chrysene-d12     | 21.292 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 12-Hydroxystearic acid              | 300 | C18H36O3     | 000106-14-9  | 42      |      |      |
| 2    | 9H-Carbazole-3,6-diamine            | 197 | C12H11N3     | 000086-71-5  | 15      |      |      |
| 3    | Cyclohexanemethanol, 4-methyl-, ... | 128 | C8H16O       | 003937-48-2  | 14      |      |      |
| 4    | Bicyclo[3.2.0]heptan-2-one, 5-(e... | 266 | C15H22O4     | 1000157-07-8 | 11      |      |      |
| 5    | 1-Dodecene                          | 168 | C12H24       | 000112-41-4  | 11      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

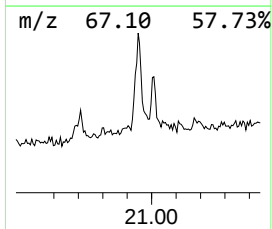
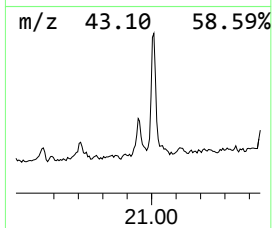
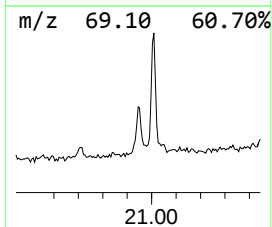
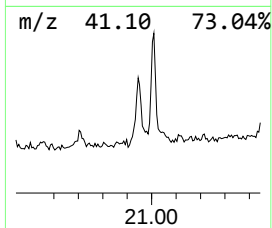
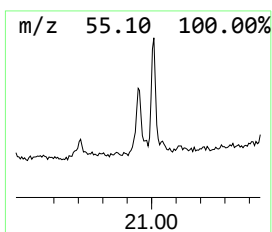
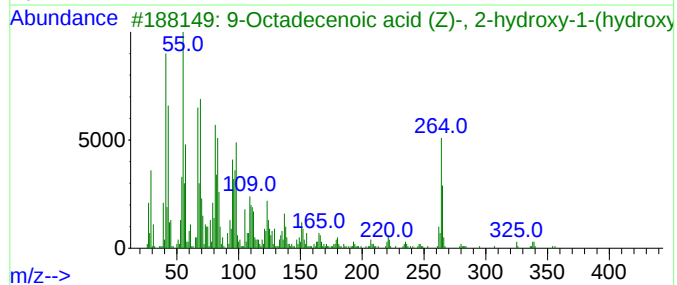
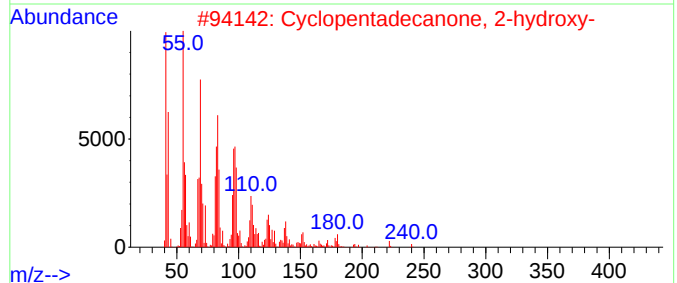
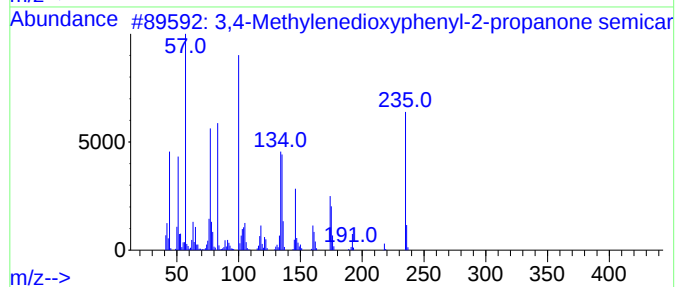
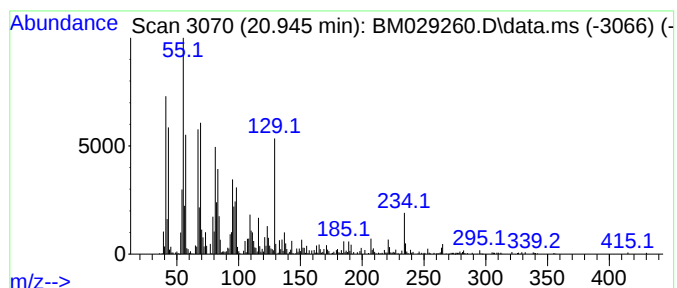
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 3,4-Methylenedioxyphenyl-2-... Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.945 | 5.45 ng | 533566 | Chrysene-d12     | 21.292 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 3,4-Methylenedioxyphenyl-2-propa... | 235 | C11H13N3O3 | 057961-86-1 | 90   |
| 2    |    |   | Cyclopentadecanone, 2-hydroxy-      | 240 | C15H28O2   | 004727-18-8 | 74   |
| 3    |    |   | 9-Octadecenoic acid (Z)-, 2-hydr... | 356 | C21H40O4   | 003443-84-3 | 70   |
| 4    |    |   | Oleic Acid                          | 282 | C18H34O2   | 000112-80-1 | 50   |
| 5    |    |   | 9-Oxabicyclo[6.1.0]nonane           | 126 | C8H14O     | 000286-62-4 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

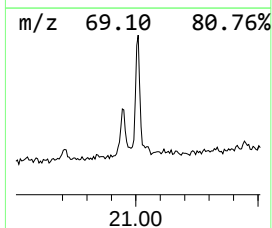
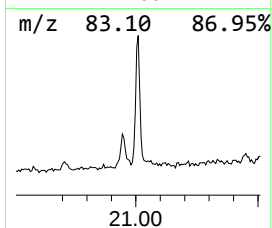
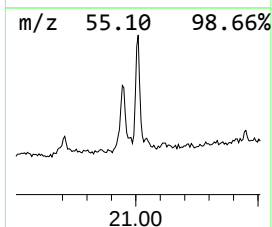
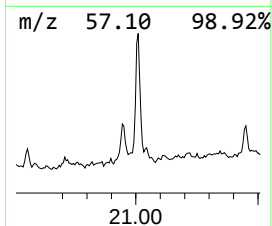
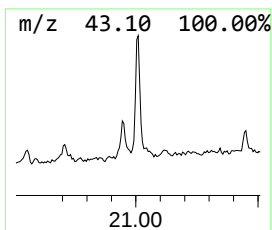
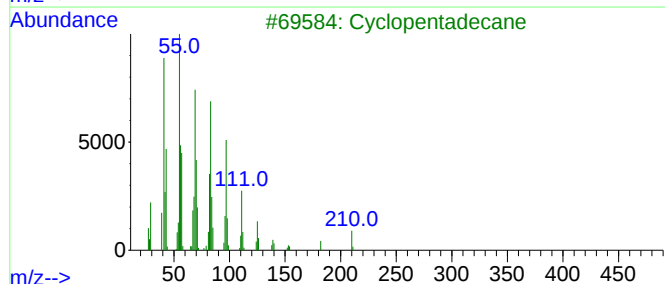
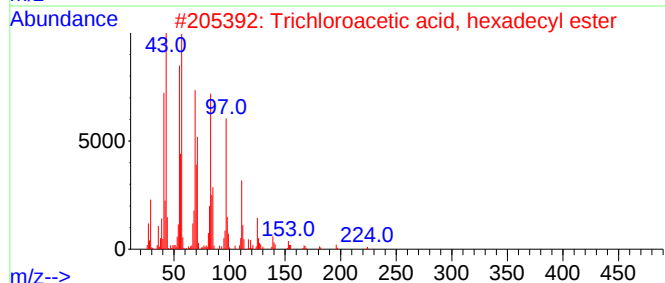
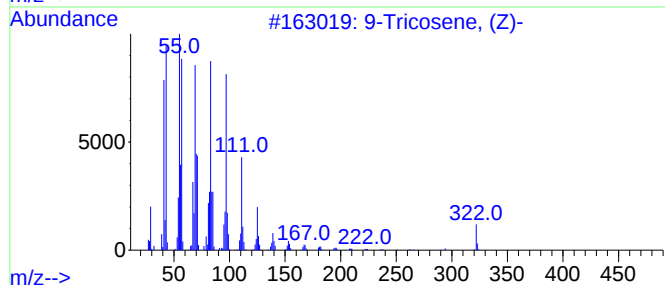
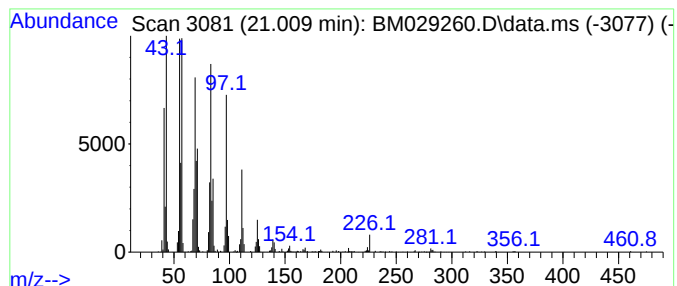
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 9-Tricosene, (Z)- Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.009 | 7.34 ng | 718410 | Chrysene-d12     | 21.292 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|------|-------------------------------------|-----|-------------|-------------|------|
| 1    |      | 9-Tricosene, (Z)-                   | 322 | C23H46      | 027519-02-4 | 96   |
| 2    |      | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |
| 3    |      | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7 | 93   |
| 4    |      | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 91   |
| 5    |      | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029260.D  
Acq On : 30 Mar 2021 00:46  
Operator : CG/JU  
Sample : M1828-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FS-SB14(15-16)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

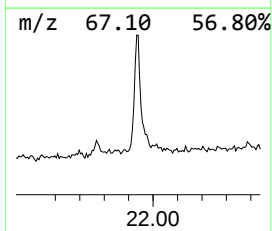
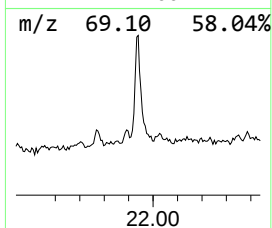
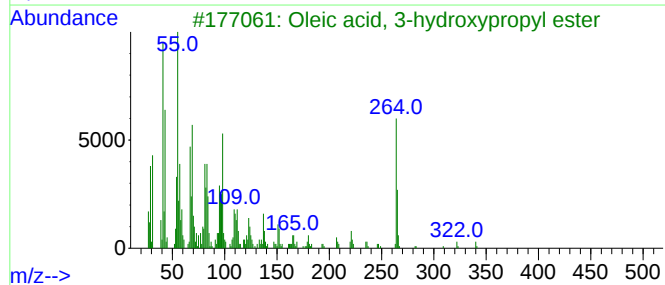
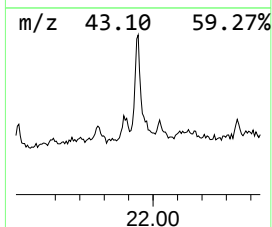
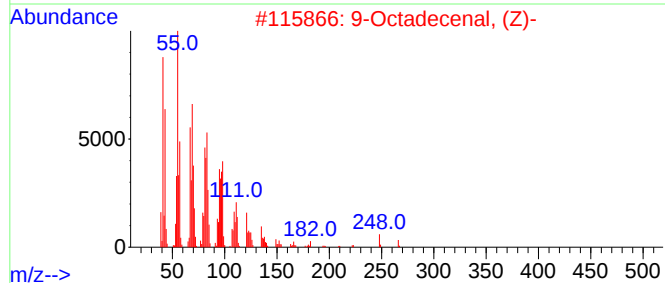
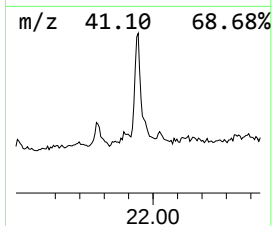
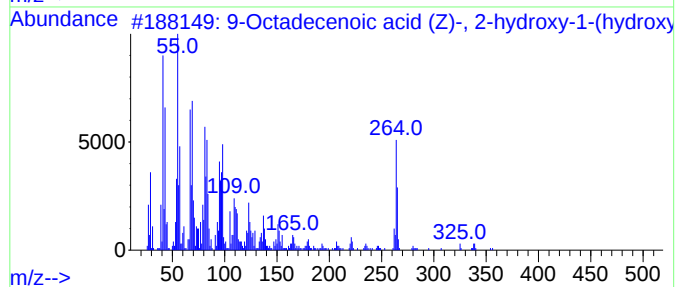
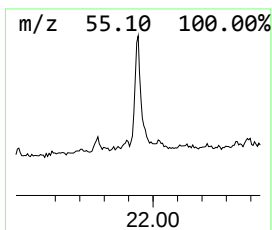
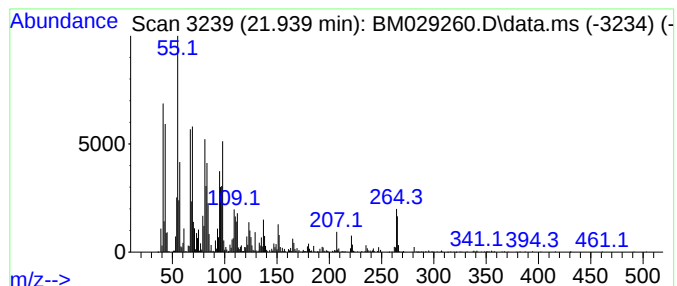
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 9-Octadecenal, (Z)- Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 21.939 | 16.56 ng | 1621180 | Chrysene-d12     | 21.292 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 9-Octadecenoic acid (Z)-, 2-hydr... | 356 | C21H40O4 | 003443-84-3 | 94   |
| 2    |    |   | 9-Octadecenal, (Z)-                 | 266 | C18H34O  | 002423-10-1 | 91   |
| 3    |    |   | Oleic acid, 3-hydroxypropyl ester   | 340 | C21H40O3 | 000821-17-0 | 74   |
| 4    |    |   | 9-Octadecenoic acid (Z)-, 2,3-di... | 356 | C21H40O4 | 000111-03-5 | 74   |
| 5    |    |   | 9-Octadecenoic acid (Z)-, 2-hydr... | 326 | C20H38O3 | 004500-01-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
 Data File : BM029260.D  
 Acq On : 30 Mar 2021 00:46  
 Operator : CG/JU  
 Sample : M1828-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FS-SB14(15-16)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.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 |
| Butane, 2-metho... | 3.016  | 22.4    | ng    | 831980   | 1                     | 7.757  | 743587  | 20.0 |
| 2-Pentanone, 4-... | 4.904  | 8.5     | ng    | 317634   | 1                     | 7.757  | 743587  | 20.0 |
| Bicyclo[4.2.0]o... | 5.775  | 6.5     | ng    | 240168   | 1                     | 7.757  | 743587  | 20.0 |
| Sulfurous acid,... | 11.569 | 6.5     | ng    | 371265   | 2                     | 10.539 | 1148650 | 20.0 |
| Tridecane          | 11.969 | 6.2     | ng    | 358549   | 2                     | 10.539 | 1148650 | 20.0 |
| Dodecane, 2,7,1... | 12.933 | 4.3     | ng    | 299116   | 3                     | 14.386 | 1377800 | 20.0 |
| Undecane, 2,3-d... | 13.216 | 6.3     | ng    | 430380   | 3                     | 14.386 | 1377800 | 20.0 |
| Tritetracontane    | 13.874 | 3.5     | ng    | 238010   | 3                     | 14.386 | 1377800 | 20.0 |
| n-Hexadecanoic ... | 18.027 | 21.6    | ng    | 1639490  | 4                     | 17.121 | 1517140 | 20.0 |
| Dimantine          | 19.004 | 5.1     | ng    | 390249   | 4                     | 17.121 | 1517140 | 20.0 |
| Octadecanoic acid  | 19.309 | 19.4    | ng    | 1895550  | 5                     | 21.292 | 1958430 | 20.0 |
| unknown20.374      | 20.374 | 4.6     | ng    | 454058   | 5                     | 21.292 | 1958430 | 20.0 |
| 3,4-Methylenedi... | 20.945 | 5.5     | ng    | 533566   | 5                     | 21.292 | 1958430 | 20.0 |
| 9-Tricosene, (Z)-  | 21.009 | 7.3     | ng    | 718410   | 5                     | 21.292 | 1958430 | 20.0 |
| 9-Octadecenal, ... | 21.939 | 16.6    | ng    | 1621180  | 5                     | 21.292 | 1958430 | 20.0 |