

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
 Data File : BM047323.D  
 Acq On : 22 Aug 2024 19:09  
 Operator : RC/JU  
 Sample : P3685-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 Stock Pile-1

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-BM081024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047323.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         | 3.258       | 60            | 63          | 80           | rVB      | 129986         | 205892        | 2.74%           | 0.389%        |
| 2         | 4.563       | 278           | 285         | 295          | rBV      | 182256         | 266773        | 3.54%           | 0.505%        |
| 3         | 5.010       | 355           | 361         | 380          | rBV      | 2811942        | 4069608       | 54.07%          | 7.698%        |
| 4         | 6.569       | 619           | 626         | 639          | rBV      | 2636997        | 4173333       | 55.45%          | 7.895%        |
| 5         | 7.351       | 751           | 759         | 768          | rBV      | 1202183        | 1843310       | 24.49%          | 3.487%        |
| 6         | 8.498       | 947           | 954         | 968          | rBV      | 1745784        | 2840528       | 37.74%          | 5.373%        |
| 7         | 9.081       | 1048          | 1053        | 1062         | rBV      | 54117          | 92360         | 1.23%           | 0.175%        |
| 8         | 10.104      | 1219          | 1227        | 1241         | rBV      | 1457426        | 2447926       | 32.53%          | 4.631%        |
| 9         | 10.875      | 1351          | 1358        | 1367         | rBV      | 86902          | 201167        | 2.67%           | 0.381%        |
| 10        | 12.616      | 1645          | 1654        | 1665         | rBV      | 3850807        | 5984744       | 79.52%          | 11.321%       |
| 11        | 14.010      | 1885          | 1891        | 1899         | rBV      | 2143732        | 3215603       | 42.73%          | 6.083%        |
| 12        | 15.522      | 2142          | 2148        | 2171         | rBV      | 3259516        | 5035387       | 66.91%          | 9.525%        |
| 13        | 16.286      | 2274          | 2278        | 2281         | rBV      | 77359          | 86732         | 1.15%           | 0.164%        |
| 14        | 16.774      | 2356          | 2361        | 2371         | rVB      | 2565027        | 3597509       | 47.80%          | 6.805%        |
| 15        | 17.551      | 2489          | 2493        | 2496         | rBV      | 114785         | 144003        | 1.91%           | 0.272%        |
| 16        | 17.715      | 2516          | 2521        | 2535         | rBV      | 1279796        | 1813558       | 24.10%          | 3.431%        |
| 17        | 18.857      | 2710          | 2715        | 2718         | rBV      | 271962         | 397126        | 5.28%           | 0.751%        |
| 18        | 18.892      | 2718          | 2721        | 2731         | rVB      | 205037         | 310262        | 4.12%           | 0.587%        |
| 19        | 19.015      | 2738          | 2742        | 2754         | rBV      | 715002         | 1066923       | 14.18%          | 2.018%        |
| 20        | 19.221      | 2773          | 2777        | 2782         | rVB      | 278892         | 346374        | 4.60%           | 0.655%        |
| 21        | 19.445      | 2809          | 2815        | 2827         | rBV      | 6069507        | 7525929       | 100.00%         | 14.237%       |
| 22        | 20.756      | 3034          | 3038        | 3049         | rVB      | 360197         | 550490        | 7.31%           | 1.041%        |
| 23        | 21.015      | 3076          | 3082        | 3087         | rBV2     | 2418594        | 3536737       | 46.99%          | 6.690%        |
| 24        | 23.709      | 3534          | 3540        | 3556         | rVB      | 1279559        | 3110995       | 41.34%          | 5.885%        |

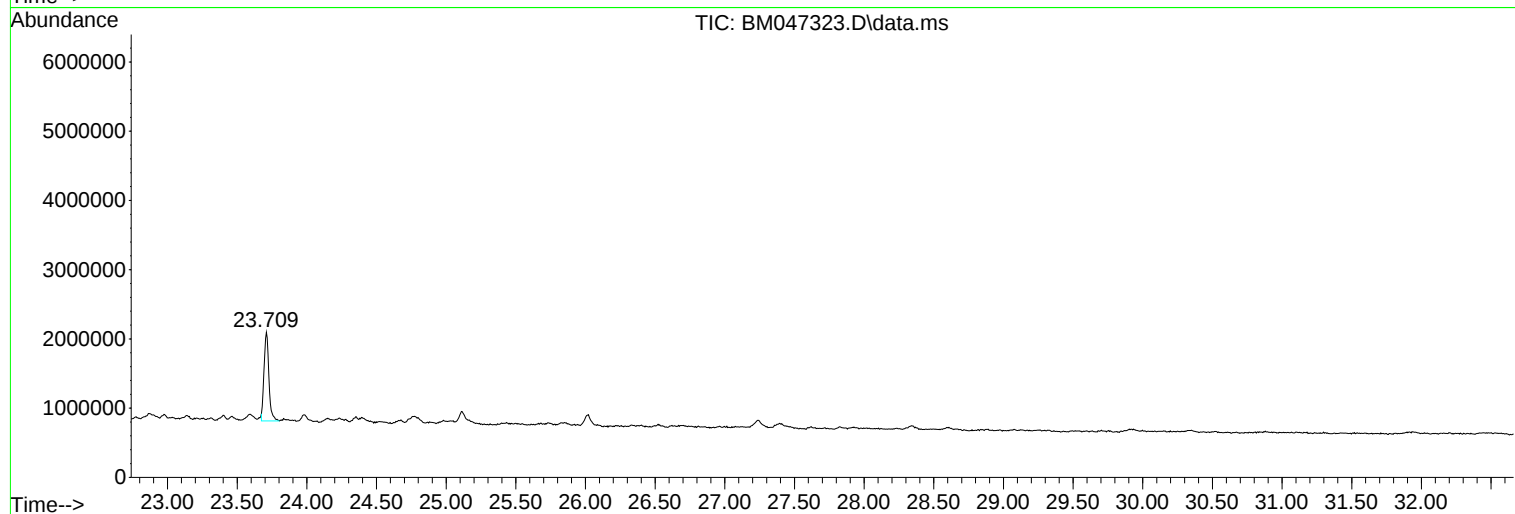
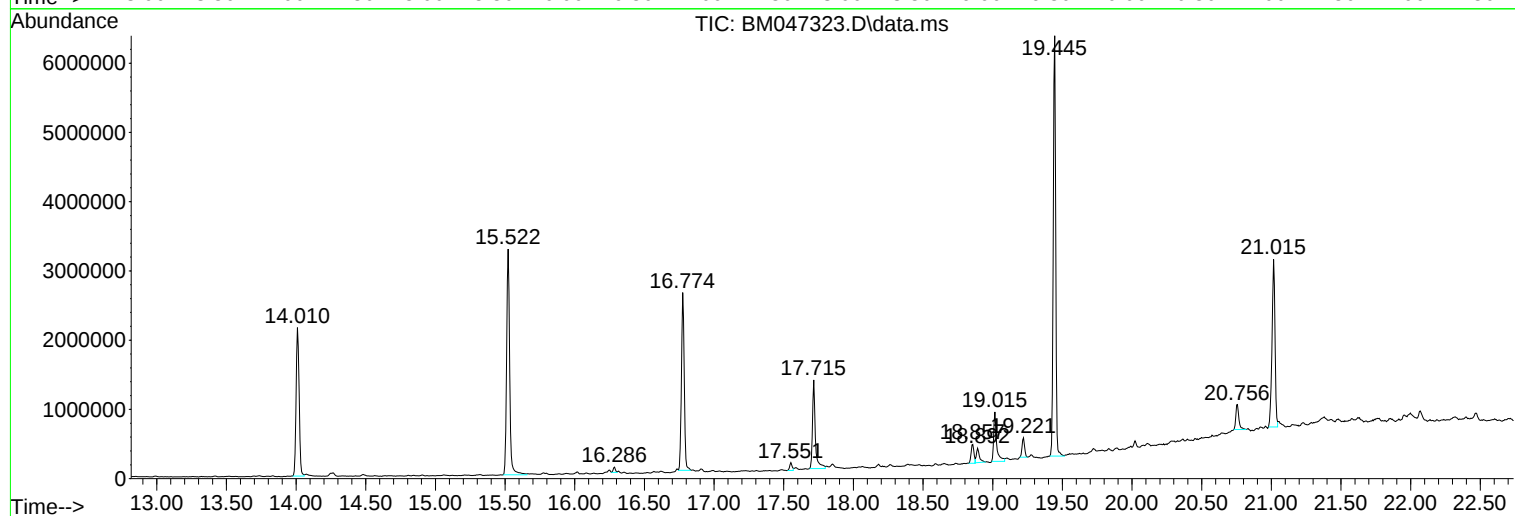
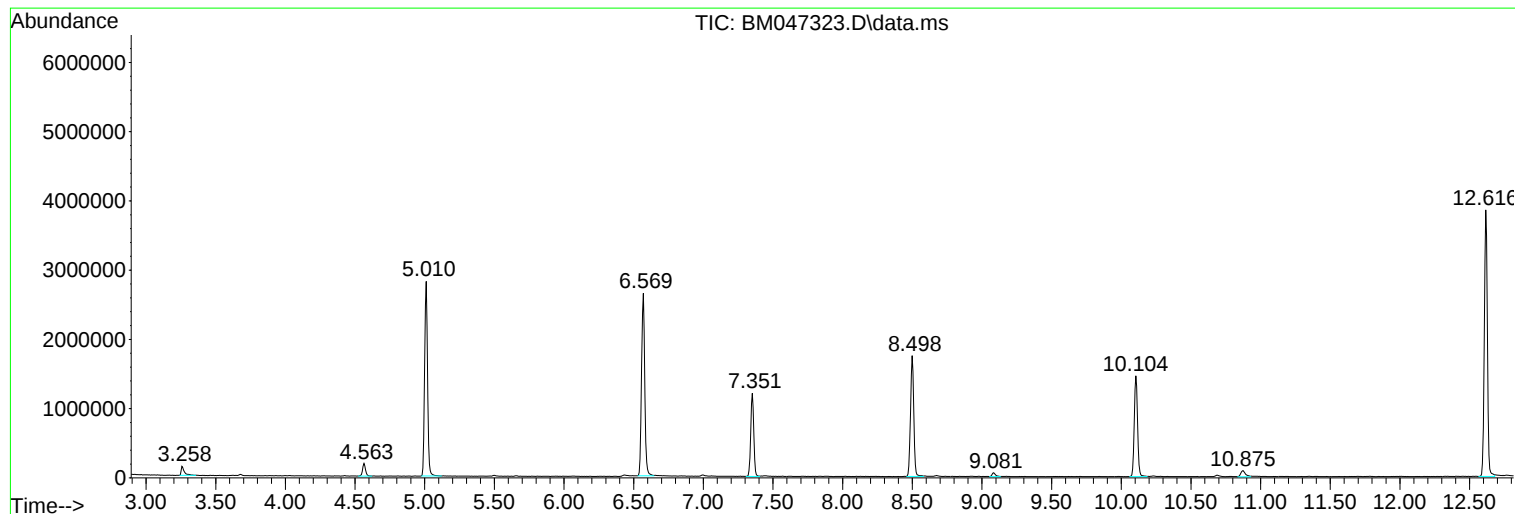
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ALS Vial : 17 Sample Multiplier: 1

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BNA\_M  
ClientSampleId :  
Stock Pile-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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ClientSampleId :  
Stock Pile-1

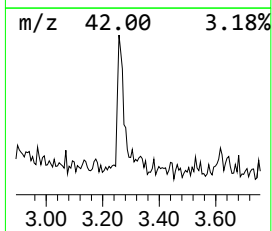
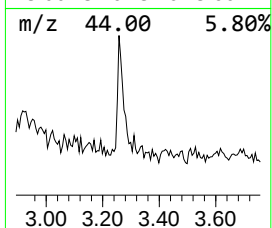
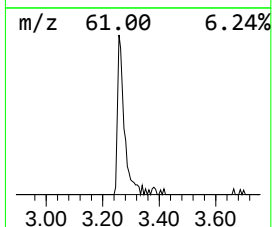
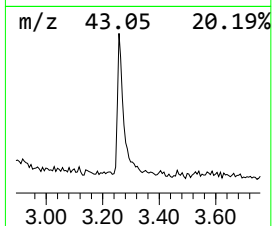
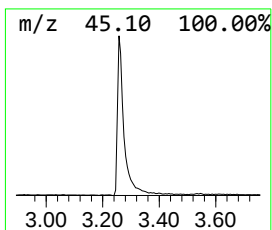
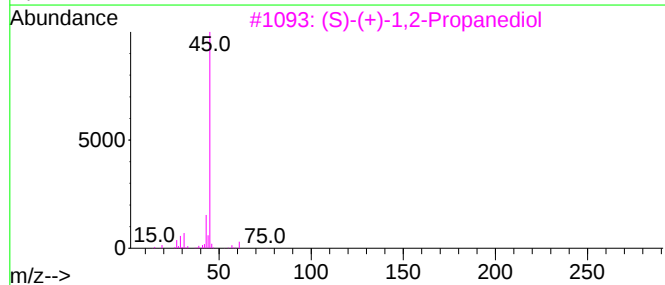
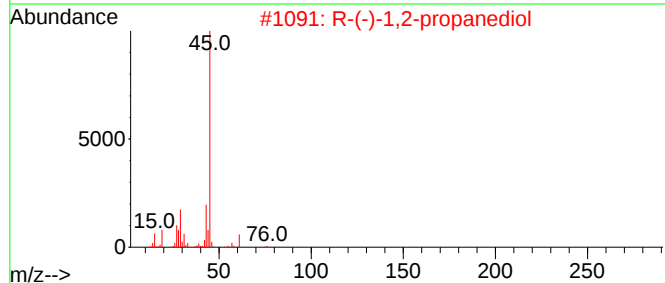
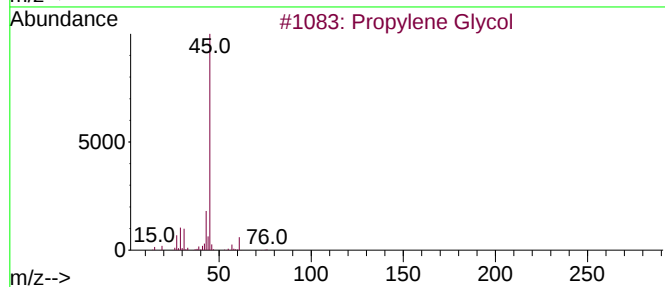
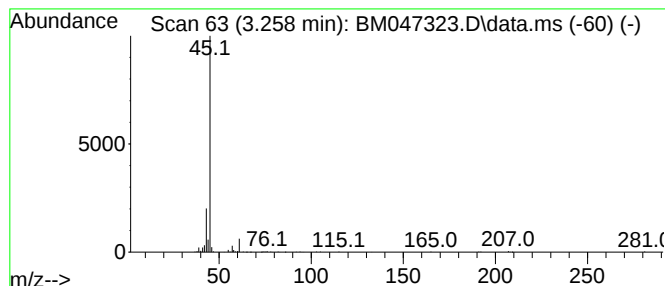
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propylene Glycol Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 3.258 | 2.23 ng | 205892 | 1,4-Dichlorobenzene-d4 | 7.351 |

| Hit# | of | 5 | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|----|---------|-------------|------|
| 1    |    |   | Propylene Glycol        | 76 | C3H8O2  | 000057-55-6 | 86   |
| 2    |    |   | R-(-)-1,2-propanediol   | 76 | C3H8O2  | 004254-14-2 | 72   |
| 3    |    |   | (S)-(+)-1,2-Propanediol | 76 | C3H8O2  | 004254-15-3 | 56   |
| 4    |    |   | Isopropyl Alcohol       | 60 | C3H8O   | 000067-63-0 | 50   |
| 5    |    |   | 2-Butanol               | 74 | C4H10O  | 000078-92-2 | 9    |



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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
Stock Pile-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

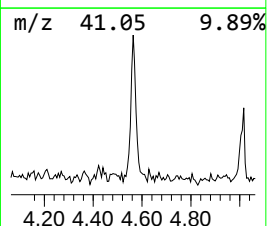
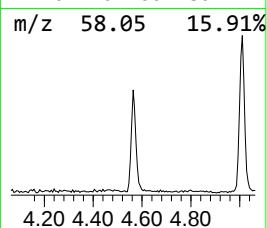
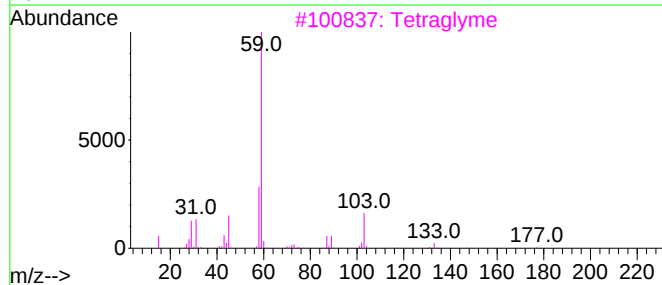
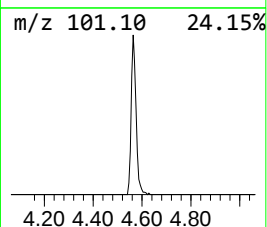
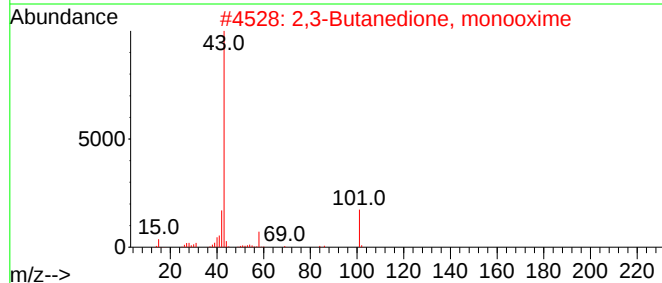
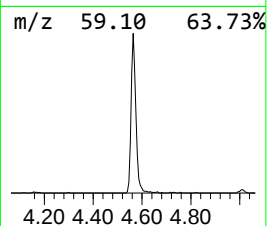
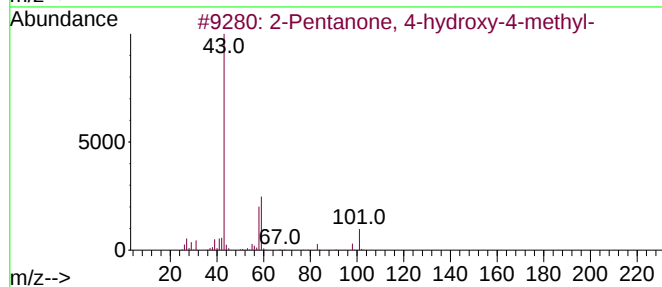
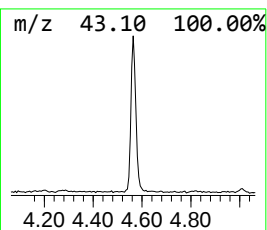
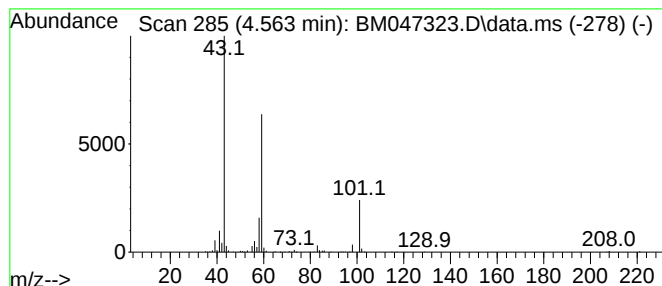
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.563 | 2.89 ng | 266773 | 1,4-Dichlorobenzene-d4 | 7.351 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|------|-------------------------------------|-----|------------|--------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2    | 000123-42-2  | 59   |
| 2    |      | 2,3-Butanedione, monooxime          | 101 | C4H7NO2    | 000057-71-6  | 38   |
| 3    |      | Tetraglyme                          | 222 | C10H22O5   | 000143-24-8  | 37   |
| 4    |      | Tripropylene glycol, propyl ethe... | 348 | C18H40O4Si | 1000367-07-2 | 28   |
| 5    |      | Butyl aldoxime, 3-methyl-, syn-     | 101 | C5H11NO    | 005780-40-5  | 27   |



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Sample : P3685-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
Stock Pile-1

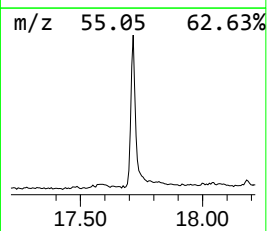
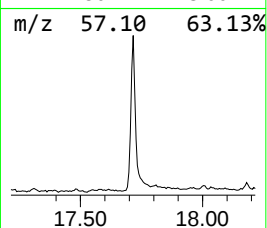
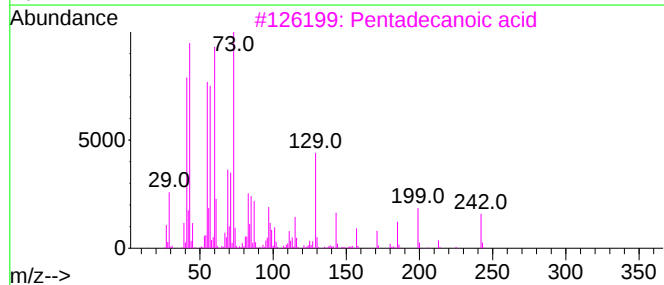
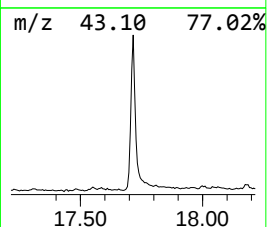
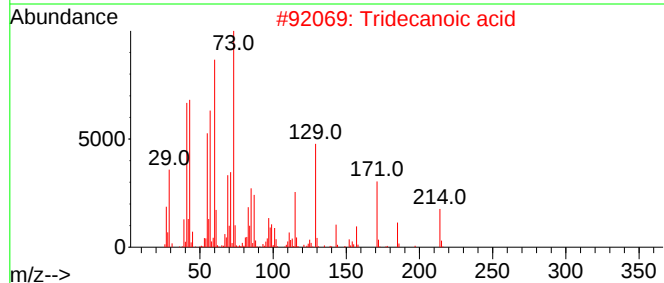
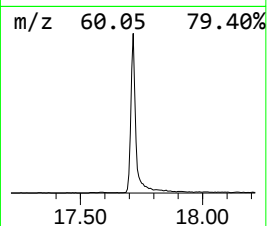
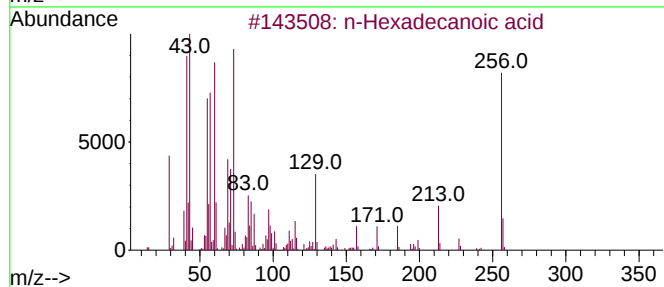
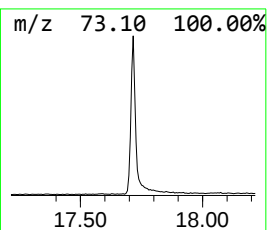
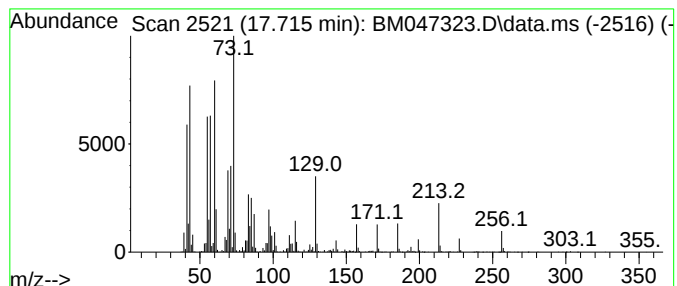
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

| R.T.      | EstConc             | Area    | Relative to ISTD | R.T.        |      |
|-----------|---------------------|---------|------------------|-------------|------|
| 17.715    | 10.08 ng            | 1813560 | Phenanthrene-d10 | 16.774      |      |
| Hit# of 5 | Tentative ID        | MW      | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 99   |
| 2         | Tridecanoic acid    | 214     | C13H26O2         | 000638-53-9 | 92   |
| 3         | Pentadecanoic acid  | 242     | C15H30O2         | 001002-84-2 | 87   |
| 4         | Octadecanoic acid   | 284     | C18H36O2         | 000057-11-4 | 87   |
| 5         | Tetradecanoic acid  | 228     | C14H28O2         | 000544-63-8 | 76   |



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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
Stock Pile-1

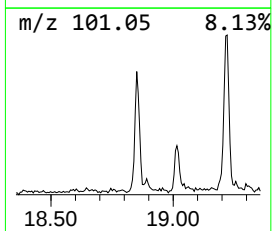
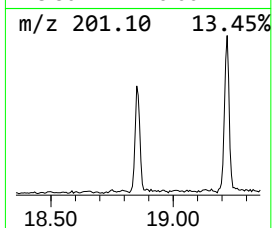
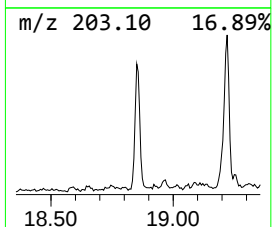
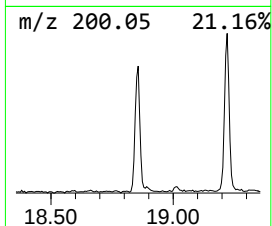
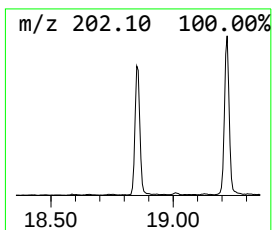
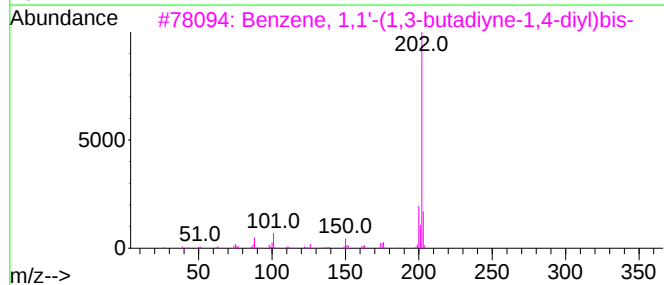
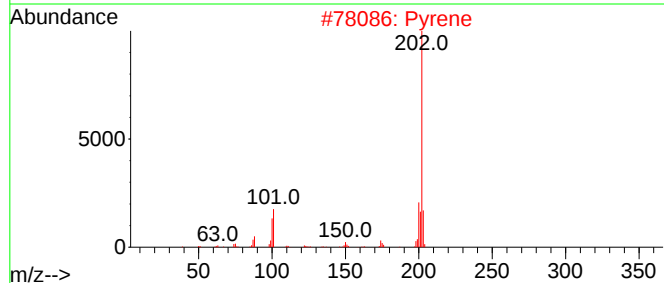
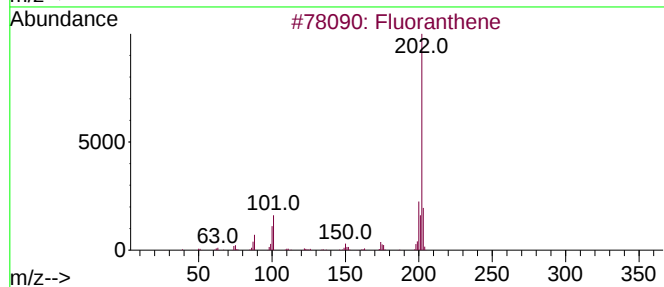
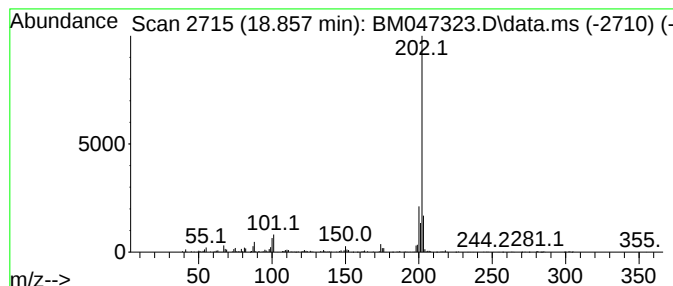
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Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 18.857    | 2.21 ng                             | 397126 | Phenanthrene-d10 | 16.774       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Fluoranthene                        | 202    | C16H10           | 000206-44-0  | 96   |
| 2         | Pyrene                              | 202    | C16H10           | 000129-00-0  | 89   |
| 3         | Benzene, 1,1'-(1,3-butadiyne-1,4... | 202    | C16H10           | 000886-66-8  | 81   |
| 4         | 1-Leucyl-1-leucine, N,N'-dimethy... | 542    | C30H58N2O6       | 1000328-59-8 | 50   |
| 5         | Pyrimidine, 2-phenyl-4-hydroxy-5... | 202    | C11H10N2O2       | 085386-21-6  | 42   |



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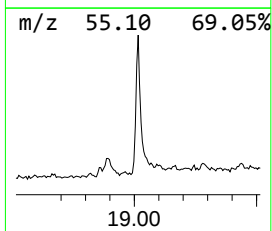
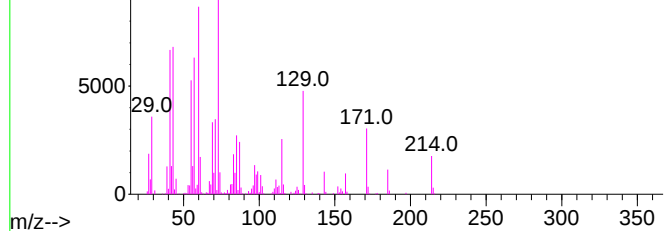
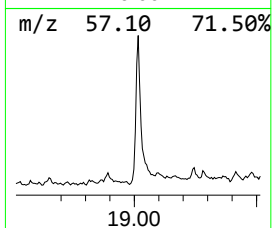
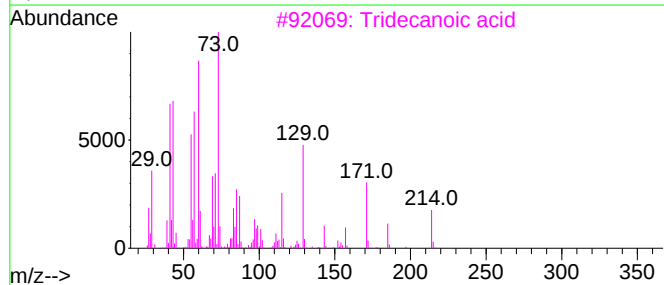
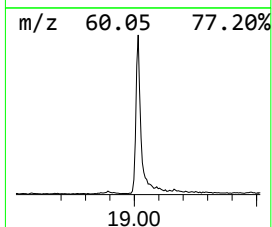
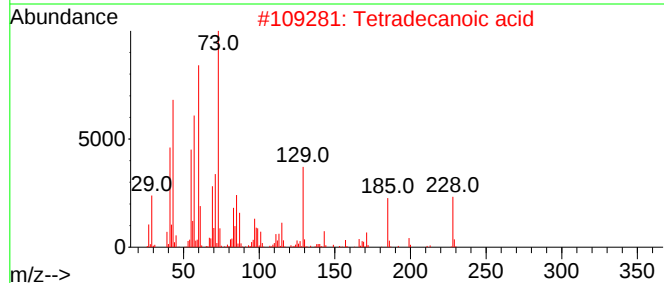
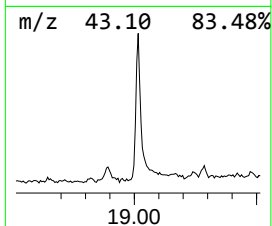
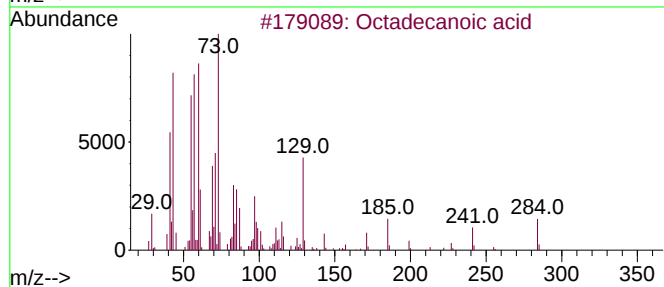
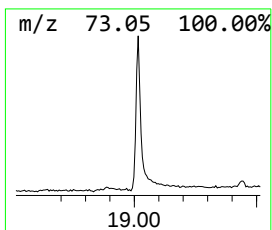
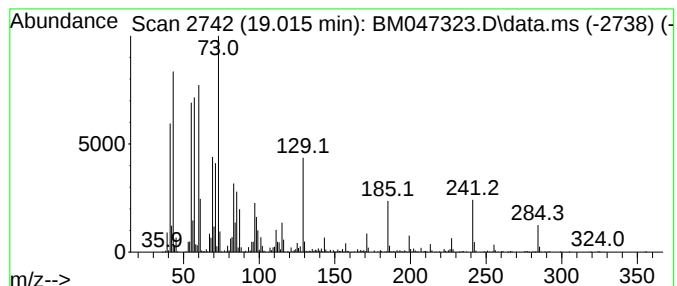
Instrument :  
BNA\_M  
ClientSampleId :  
Stock Pile-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Octadecanoic acid Concentration Rank 2

| R.T.      | EstConc            | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------------|---------|------------------|-------------|------|
| 19.015    | 6.03 ng            | 1066920 | Chrysene-d12     | 21.015      |      |
| Hit# of 5 | Tentative ID       | MW      | MolForm          | CAS#        | Qual |
| 1         | Octadecanoic acid  | 284     | C18H36O2         | 000057-11-4 | 99   |
| 2         | Tetradecanoic acid | 228     | C14H28O2         | 000544-63-8 | 87   |
| 3         | Tridecanoic acid   | 214     | C13H26O2         | 000638-53-9 | 74   |
| 4         | n-Decanoic acid    | 172     | C10H20O2         | 000334-48-5 | 62   |
| 5         | Pentadecanoic acid | 242     | C15H30O2         | 001002-84-2 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
Data File : BM047323.D  
Acq On : 22 Aug 2024 19:09  
Operator : RC/JU  
Sample : P3685-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
Stock Pile-1

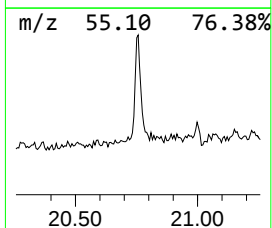
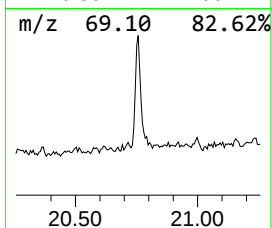
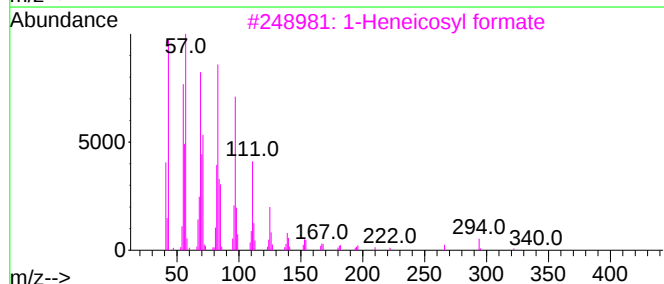
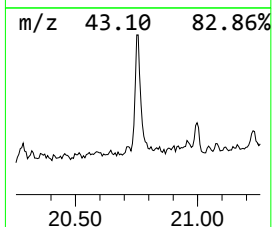
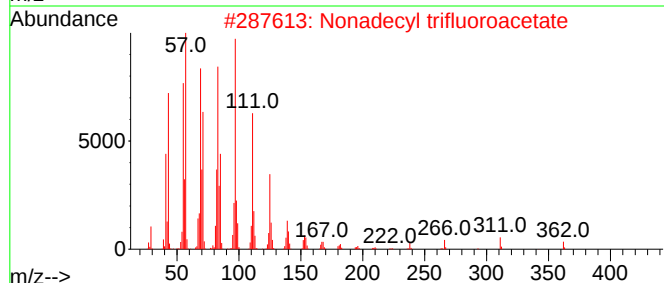
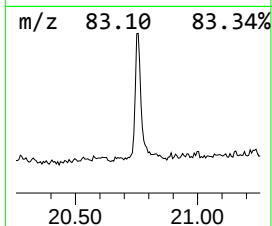
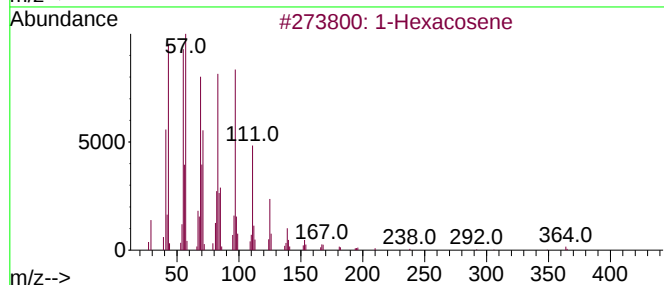
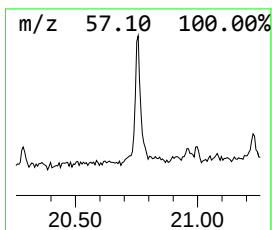
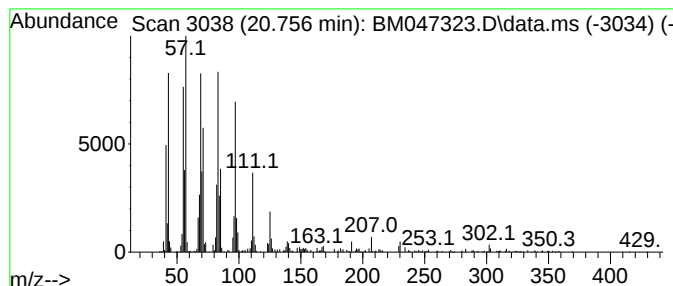
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 1-Hexacosene Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 20.756    | 3.11 ng                             | 550490 | Chrysene-d12     | 21.015       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Hexacosene                        | 364    | C26H52           | 018835-33-1  | 93   |
| 2         | Nonadecyl trifluoroacetate          | 380    | C21H39F3O2       | 1000351-76-3 | 91   |
| 3         | 1-Heneicosyl formate                | 340    | C22H44O2         | 077899-03-7  | 90   |
| 4         | 1-Heptacosanol                      | 396    | C27H56O          | 002004-39-9  | 90   |
| 5         | Pentadecafluorooctanoic acid, oc... | 666    | C26H37F15O2      | 1000406-04-8 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082224\  
Data File : BM047323.D  
Acq On : 22 Aug 2024 19:09  
Operator : RC/JU  
Sample : P3685-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
Stock Pile-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Propylene Glycol   | 3.258  | 2.2     | ng    | 205892   | 1                     | 7.351  | 1843310 | 20.0 |
| 2-Pentanone, 4-... | 4.563  | 2.9     | ng    | 266773   | 1                     | 7.351  | 1843310 | 20.0 |
| n-Hexadecanoic ... | 17.715 | 10.1    | ng    | 1813560  | 4                     | 16.774 | 3597510 | 20.0 |
| Benzene, 1,1'-(... | 18.857 | 2.2     | ng    | 397126   | 4                     | 16.774 | 3597510 | 20.0 |
| Octadecanoic acid  | 19.015 | 6.0     | ng    | 1066920  | 5                     | 21.015 | 3536740 | 20.0 |
| 1-Hexacosene       | 20.756 | 3.1     | ng    | 550490   | 5                     | 21.015 | 3536740 | 20.0 |