

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020824\  
 Data File : BP019610.D  
 Acq On : 08 Feb 2024 15:13  
 Operator : MA/JU  
 Sample : P1364-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COMP-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\_P\Methods\8270E-BP013124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019610.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         | 5.481       | 399           | 407         | 415          | rBV      | 1613632        | 2404523       | 44.95%          | 8.002%        |
| 2         | 7.075       | 669           | 678         | 692          | rBV      | 1619768        | 2650062       | 49.54%          | 8.820%        |
| 3         | 7.905       | 812           | 819         | 826          | rBV      | 365974         | 588956        | 11.01%          | 1.960%        |
| 4         | 9.075       | 1010          | 1018        | 1033         | rBV      | 993782         | 1704966       | 31.87%          | 5.674%        |
| 5         | 10.704      | 1288          | 1295        | 1302         | rBV      | 460008         | 806634        | 15.08%          | 2.685%        |
| 6         | 13.169      | 1706          | 1714        | 1725         | rBV      | 2569456        | 3923085       | 73.34%          | 13.056%       |
| 7         | 13.445      | 1754          | 1761        | 1768         | rBV      | 209954         | 343195        | 6.42%           | 1.142%        |
| 8         | 14.257      | 1894          | 1899        | 1904         | rBV      | 40746          | 66678         | 1.25%           | 0.222%        |
| 9         | 14.540      | 1940          | 1947        | 1953         | rBV      | 674683         | 1048834       | 19.61%          | 3.491%        |
| 10        | 16.028      | 2193          | 2200        | 2209         | rBV      | 2186945        | 3333027       | 62.31%          | 11.092%       |
| 11        | 17.110      | 2380          | 2384        | 2392         | rVB      | 35847          | 58669         | 1.10%           | 0.195%        |
| 12        | 17.292      | 2409          | 2415        | 2419         | rBV      | 855315         | 1264421       | 23.64%          | 4.208%        |
| 13        | 17.333      | 2419          | 2422        | 2429         | rVV      | 466797         | 621567        | 11.62%          | 2.069%        |
| 14        | 17.422      | 2433          | 2437        | 2443         | rVB      | 98147          | 146610        | 2.74%           | 0.488%        |
| 15        | 17.698      | 2480          | 2484        | 2489         | rVB      | 52121          | 77543         | 1.45%           | 0.258%        |
| 16        | 18.163      | 2559          | 2563        | 2565         | rBV      | 58279          | 80829         | 1.51%           | 0.269%        |
| 17        | 18.198      | 2565          | 2569        | 2578         | rVB2     | 483756         | 723176        | 13.52%          | 2.407%        |
| 18        | 18.345      | 2590          | 2594        | 2598         | rBV2     | 94338          | 157817        | 2.95%           | 0.525%        |
| 19        | 19.298      | 2752          | 2756        | 2763         | rBV      | 733861         | 1081197       | 20.21%          | 3.598%        |
| 20        | 19.433      | 2776          | 2779        | 2785         | rBV3     | 159479         | 231504        | 4.33%           | 0.770%        |
| 21        | 19.651      | 2813          | 2816        | 2824         | rVB      | 594531         | 811137        | 15.16%          | 2.699%        |
| 22        | 19.863      | 2847          | 2852        | 2860         | rVB      | 4453297        | 5349132       | 100.00%         | 17.802%       |
| 23        | 21.380      | 3106          | 3110        | 3115         | rBV2     | 973504         | 1496819       | 27.98%          | 4.981%        |
| 24        | 23.810      | 3519          | 3523        | 3530         | rVB      | 575973         | 1077317       | 20.14%          | 3.585%        |

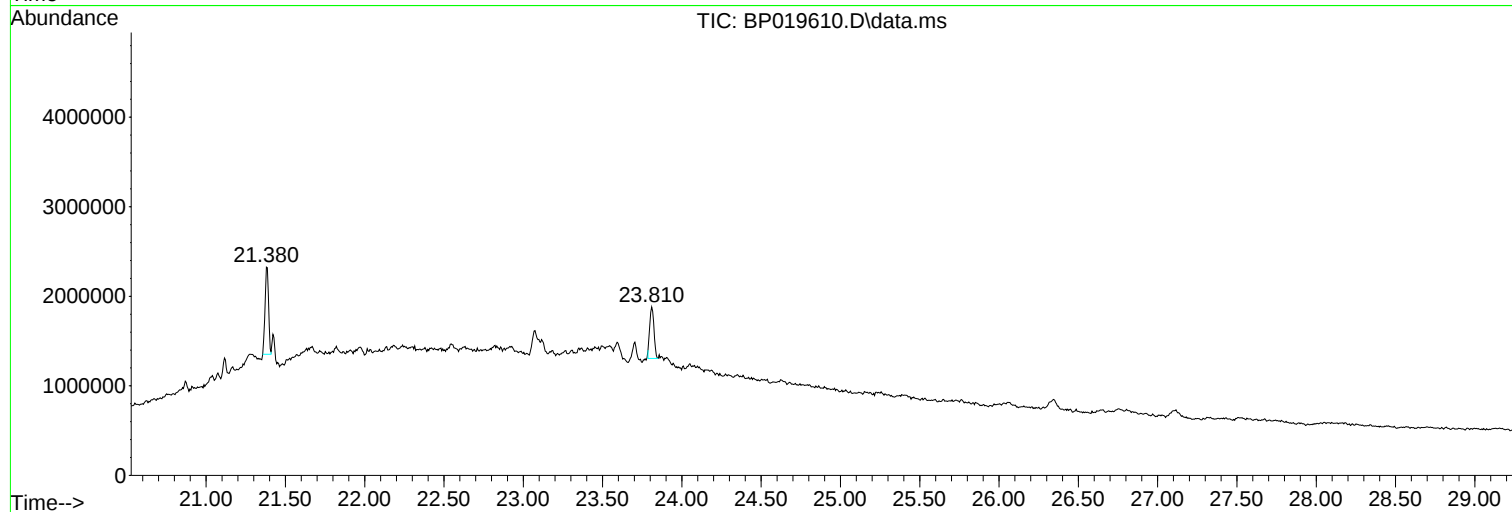
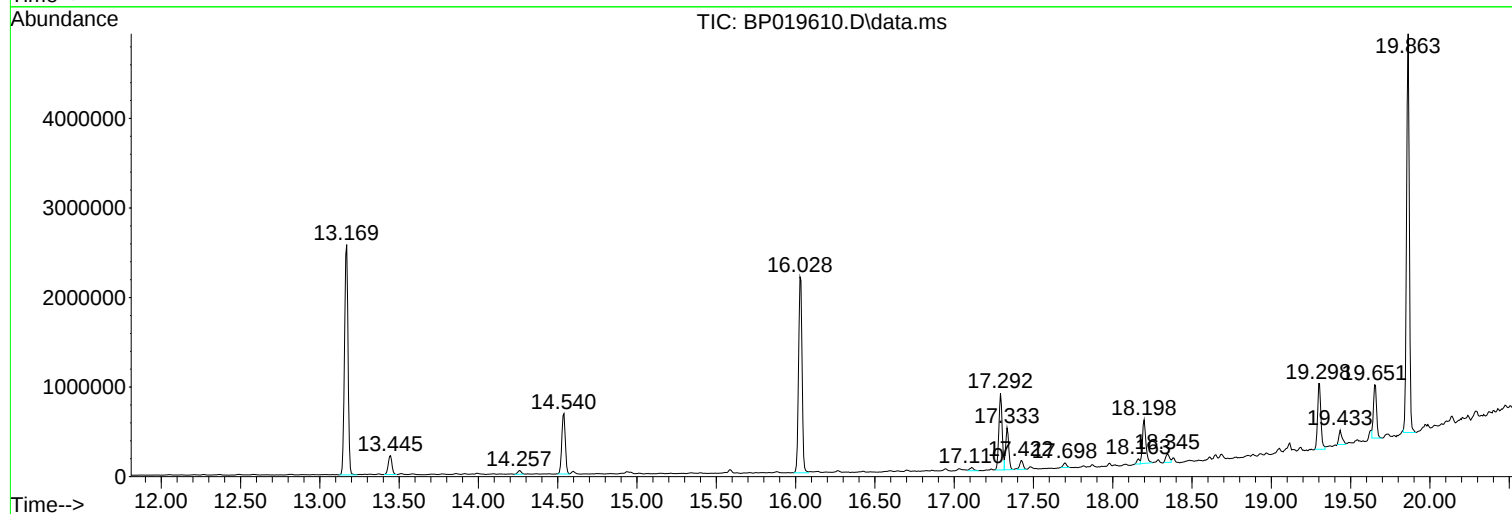
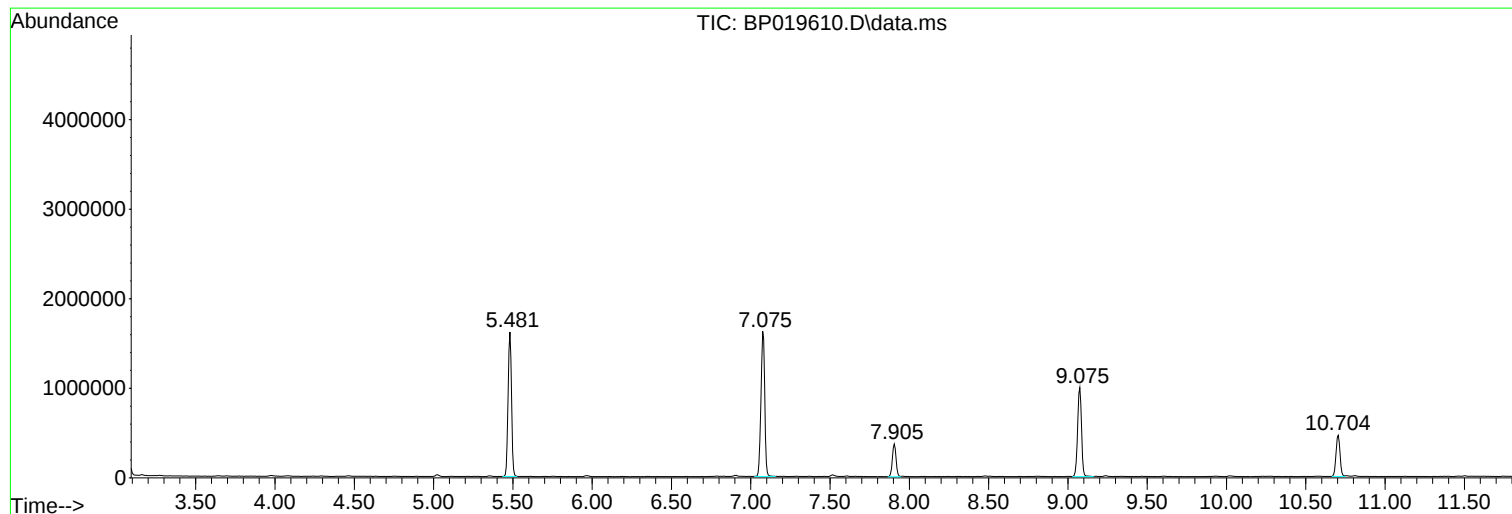
Sum of corrected areas: 30047698

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020824\  
Data File : BP019610.D  
Acq On : 08 Feb 2024 15:13  
Operator : MA/JU  
Sample : P1364-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020824\  
Data File : BP019610.D  
Acq On : 08 Feb 2024 15:13  
Operator : MA/JU  
Sample : P1364-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

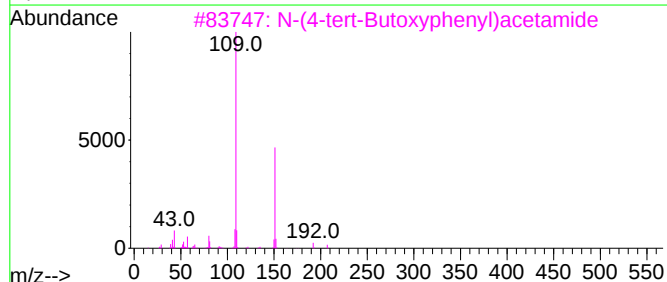
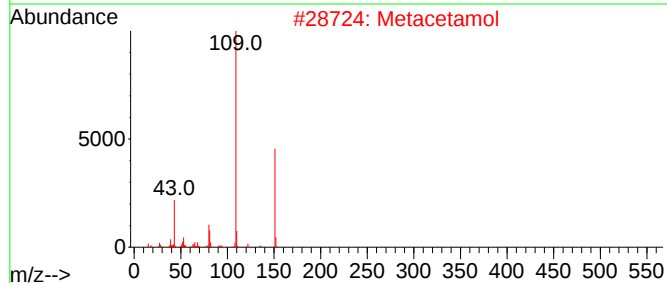
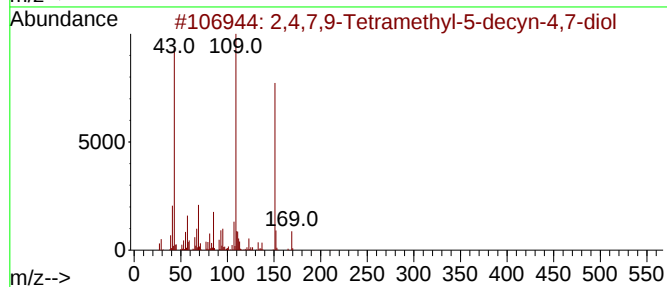
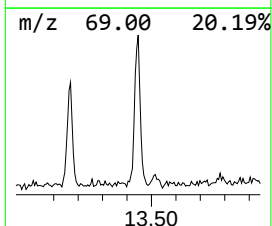
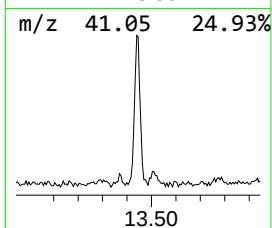
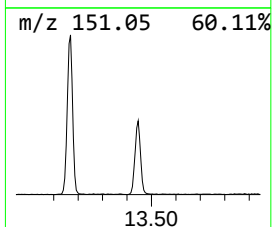
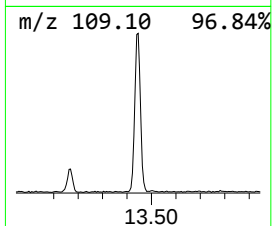
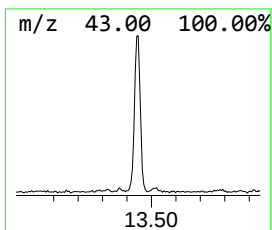
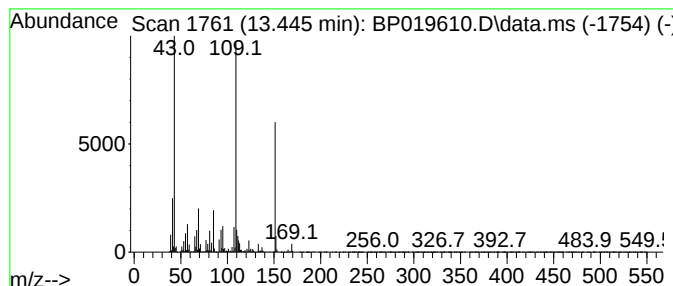
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.445 | 6.54 ng | 343195 | Acenaphthene-d10 | 14.540 |

| Hit# | of 5                                | Tentative ID | MW        | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|-----------|-------------|------|------|
| 1    | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226          | C14H26O2  | 000126-86-3 | 91   |      |
| 2    | Metacetamol                         | 151          | C8H9NO2   | 000621-42-1 | 53   |      |
| 3    | N-(4-tert-Butoxyphenyl)acetamide    | 207          | C12H17NO2 | 002109-73-1 | 53   |      |
| 4    | Acetaminophen                       | 151          | C8H9NO2   | 000103-90-2 | 53   |      |
| 5    | Pyridine, 2-butyl-, 1-oxide         | 151          | C9H13NO   | 031396-32-4 | 53   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020824\  
Data File : BP019610.D  
Acq On : 08 Feb 2024 15:13  
Operator : MA/JU  
Sample : P1364-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-1

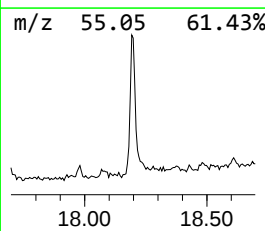
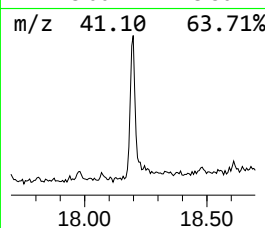
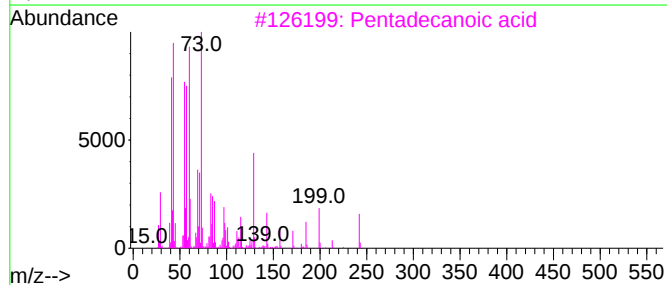
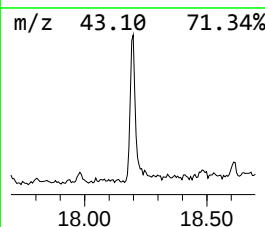
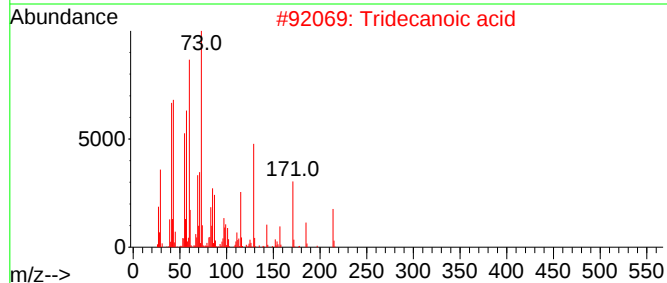
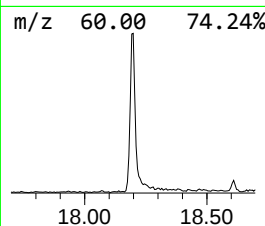
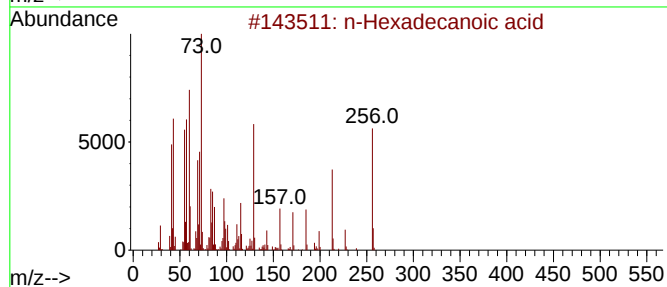
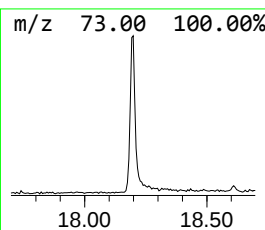
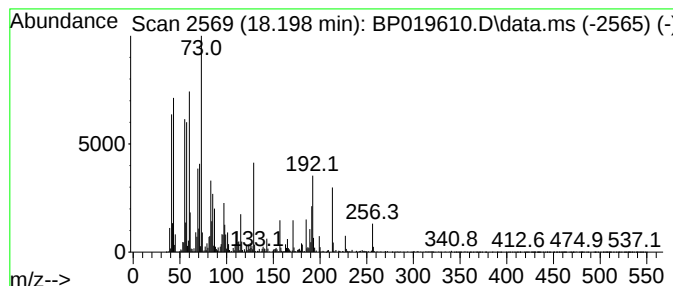
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 18.198 | 11.44 ng | 723176 | Phenanthrene-d10 | 17.292 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 3    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 4    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 76   |
| 5    |      | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020824\  
Data File : BP019610.D  
Acq On : 08 Feb 2024 15:13  
Operator : MA/JU  
Sample : P1364-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

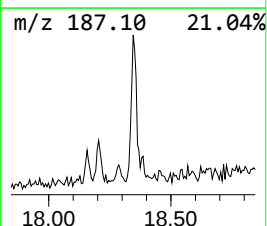
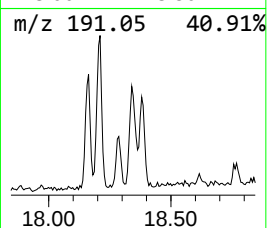
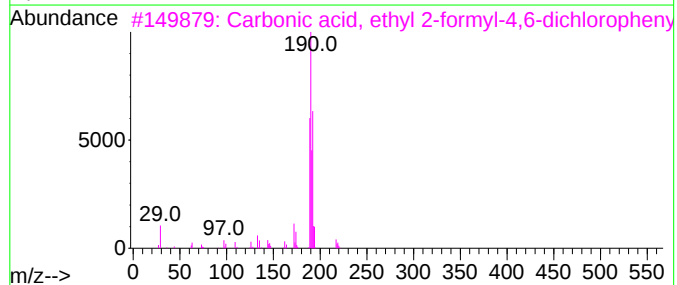
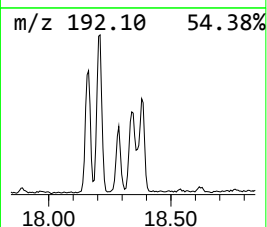
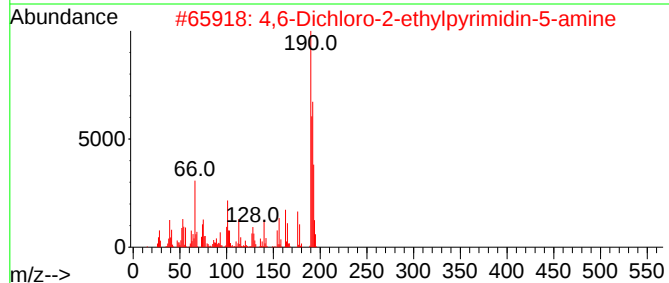
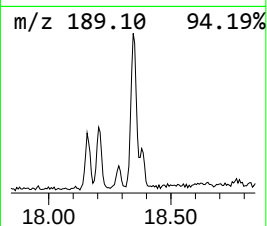
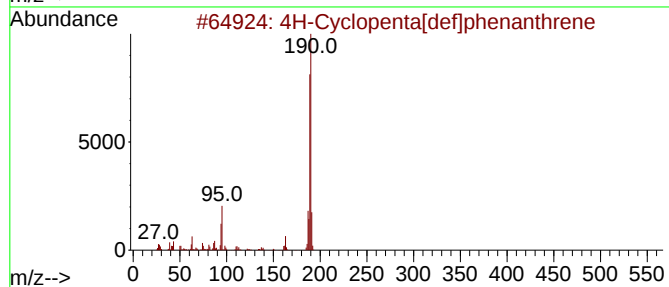
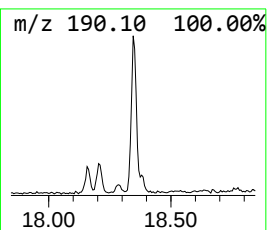
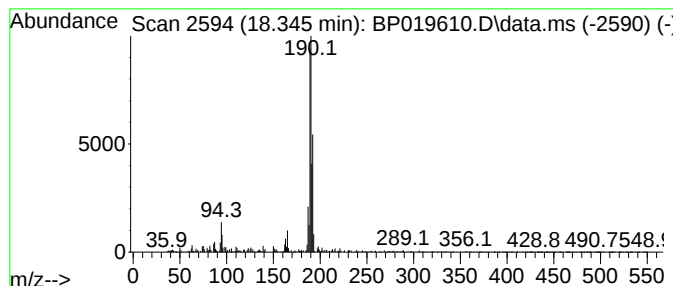
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.345 | 2.50 ng | 157817 | Phenanthrene-d10 | 17.292 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10       | 000203-64-5  | 64   |
| 2    |    |   | 4,6-Dichloro-2-ethylpyrimidin-5-... | 191 | C6H7Cl2N3    | 006237-96-3  | 43   |
| 3    |    |   | Carbonic acid, ethyl 2-formyl-4,... | 262 | C10H8Cl2O4   | 1000331-34-4 | 40   |
| 4    |    |   | 1,4-Naphthalenedione, 2,5-dihydr... | 190 | C10H6O4      | 004923-55-1  | 38   |
| 5    |    |   | 1-Butyl-3-(2,5-dichloro-4,6-dime... | 289 | C12H17Cl2N3O | 1000300-85-1 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020824\  
Data File : BP019610.D  
Acq On : 08 Feb 2024 15:13  
Operator : MA/JU  
Sample : P1364-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-1

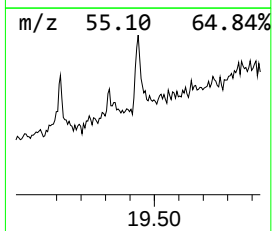
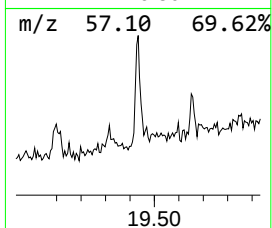
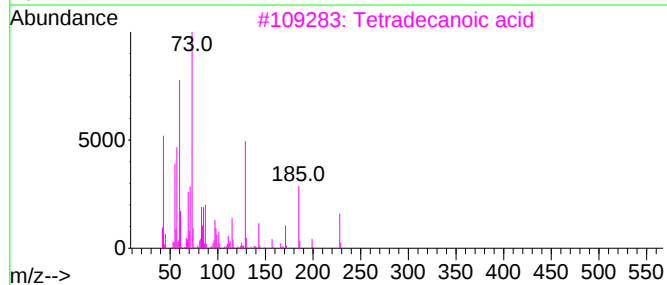
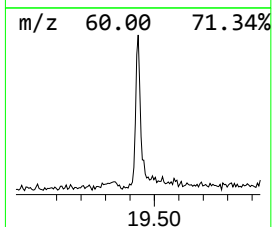
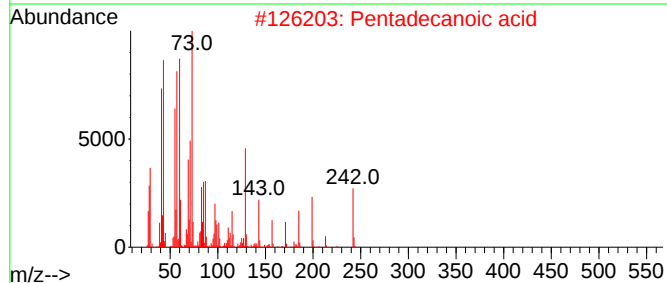
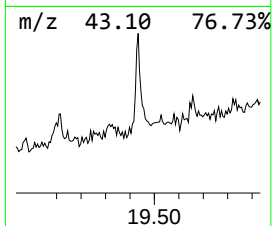
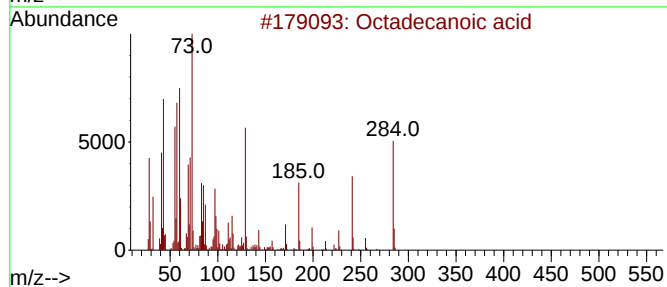
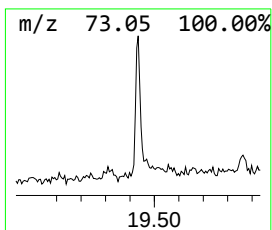
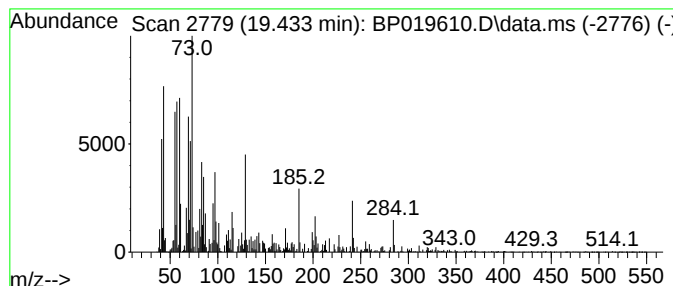
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.433 | 3.09 ng | 231504 | Chrysene-d12     | 21.386 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------|-----|------------|-------------|------|
| 1    |    |   | Octadecanoic acid       | 284 | C18H36O2   | 000057-11-4 | 95   |
| 2    |    |   | Pentadecanoic acid      | 242 | C15H30O2   | 001002-84-2 | 70   |
| 3    |    |   | Tetradecanoic acid      | 228 | C14H28O2   | 000544-63-8 | 49   |
| 4    |    |   | Tridecanoic acid        | 214 | C13H26O2   | 000638-53-9 | 43   |
| 5    |    |   | 11-Bromoundecanoic acid | 264 | C11H21BrO2 | 002834-05-1 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020824\  
Data File : BP019610.D  
Acq On : 08 Feb 2024 15:13  
Operator : MA/JU  
Sample : P1364-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2,4,7,9-Tetrame... | 13.445 | 6.5     | ng    | 343195   | 3                     | 14.540 | 1048830 | 20.0 |
| n-Hexadecanoic ... | 18.198 | 11.4    | ng    | 723176   | 4                     | 17.292 | 1264420 | 20.0 |
| 4H-Cyclopenta[d... | 18.345 | 2.5     | ng    | 157817   | 4                     | 17.292 | 1264420 | 20.0 |
| Octadecanoic acid  | 19.433 | 3.1     | ng    | 231504   | 5                     | 21.386 | 1496820 | 20.0 |