

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
 Data File : BF137264.D  
 Acq On : 02 Feb 2024 19:46  
 Operator : CG\JU  
 Sample : P1341-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 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\_F\Methods\8270-BF013024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137264.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         | 5.428       | 563           | 568         | 571          | rBV      | 1622085        | 1486530       | 26.07%          | 6.755%        |
| 2         | 6.422       | 733           | 737         | 750          | rBV      | 1381967        | 1511835       | 26.52%          | 6.869%        |
| 3         | 6.792       | 796           | 800         | 808          | rBV      | 354589         | 345316        | 6.06%           | 1.569%        |
| 4         | 7.351       | 890           | 895         | 907          | rBV      | 1070260        | 985942        | 17.29%          | 4.480%        |
| 5         | 8.069       | 1013          | 1017        | 1027         | rBV      | 489742         | 441001        | 7.73%           | 2.004%        |
| 6         | 8.457       | 1080          | 1083        | 1098         | rVB      | 335295         | 412593        | 7.24%           | 1.875%        |
| 7         | 9.145       | 1196          | 1200        | 1203         | rBV      | 2025365        | 1660178       | 29.12%          | 7.544%        |
| 8         | 9.269       | 1217          | 1221        | 1224         | rBV      | 539152         | 456781        | 8.01%           | 2.076%        |
| 9         | 9.822       | 1311          | 1315        | 1319         | rBV      | 568864         | 453692        | 7.96%           | 2.061%        |
| 10        | 10.610      | 1445          | 1449        | 1460         | rBV      | 1025225        | 962151        | 16.88%          | 4.372%        |
| 11        | 11.180      | 1543          | 1546        | 1550         | rVB      | 169397         | 140576        | 2.47%           | 0.639%        |
| 12        | 11.310      | 1565          | 1568        | 1571         | rBV      | 458836         | 422860        | 7.42%           | 1.921%        |
| 13        | 11.333      | 1571          | 1572        | 1577         | rVB      | 195314         | 144293        | 2.53%           | 0.656%        |
| 14        | 11.722      | 1634          | 1638        | 1641         | rBV      | 96399          | 79472         | 1.39%           | 0.361%        |
| 15        | 11.857      | 1657          | 1661        | 1664         | rBV2     | 219189         | 253866        | 4.45%           | 1.154%        |
| 16        | 11.886      | 1664          | 1666        | 1670         | rVB      | 52898          | 57205         | 1.00%           | 0.260%        |
| 17        | 12.527      | 1772          | 1775        | 1779         | rBV      | 303780         | 279216        | 4.90%           | 1.269%        |
| 18        | 12.651      | 1792          | 1796        | 1806         | rBV4     | 99316          | 170934        | 3.00%           | 0.777%        |
| 19        | 12.757      | 1808          | 1814        | 1818         | rBV      | 270535         | 276883        | 4.86%           | 1.258%        |
| 20        | 12.910      | 1836          | 1840        | 1848         | rBV      | 1596419        | 1476980       | 25.91%          | 6.711%        |
| 21        | 13.339      | 1907          | 1913        | 1919         | rBV4     | 97875          | 167606        | 2.94%           | 0.762%        |
| 22        | 13.392      | 1919          | 1922        | 1924         | rBV      | 162212         | 140088        | 2.46%           | 0.637%        |
| 23        | 13.416      | 1924          | 1926        | 1931         | rVB2     | 64300          | 68148         | 1.20%           | 0.310%        |
| 24        | 13.504      | 1935          | 1941        | 1944         | rBV      | 4865125        | 5701465       | 100.00%         | 25.906%       |
| 25        | 13.592      | 1953          | 1956        | 1963         | rVB5     | 93567          | 122789        | 2.15%           | 0.558%        |
| 26        | 13.710      | 1971          | 1976        | 1979         | rBV4     | 65998          | 103209        | 1.81%           | 0.469%        |
| 27        | 13.780      | 1985          | 1988        | 1992         | rBV      | 318587         | 295284        | 5.18%           | 1.342%        |
| 28        | 13.845      | 1995          | 1999        | 2012         | rVB6     | 100866         | 255641        | 4.48%           | 1.162%        |
| 29        | 13.963      | 2015          | 2019        | 2022         | rBV2     | 1305089        | 1316633       | 23.09%          | 5.983%        |
| 30        | 13.992      | 2022          | 2024        | 2026         | rVV      | 123862         | 113192        | 1.99%           | 0.514%        |
| 31        | 14.016      | 2026          | 2028        | 2032         | rVB2     | 71580          | 85134         | 1.49%           | 0.387%        |
| 32        | 14.180      | 2053          | 2056        | 2058         | rBV      | 74936          | 69985         | 1.23%           | 0.318%        |
| 33        | 14.615      | 2126          | 2130        | 2134         | rVB      | 1003908        | 864105        | 15.16%          | 3.926%        |
| 34        | 15.010      | 2194          | 2197        | 2208         | rVB      | 104597         | 209600        | 3.68%           | 0.952%        |
| 35        | 15.115      | 2213          | 2215        | 2219         | rVB      | 74940          | 86465         | 1.52%           | 0.393%        |
| 36        | 15.380      | 2257          | 2260        | 2265         | rBV      | 55181          | 61231         | 1.07%           | 0.278%        |

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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
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\_F\Methods\8270-BF013024.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 37 | 15.445 | 2267 | 2271 | 2275 | rBV  | 205615 | 261777 | 4.59% | 1.189% |
| 38 | 15.968 | 2356 | 2360 | 2364 | rVB2 | 47232  | 67304  | 1.18% | 0.306% |

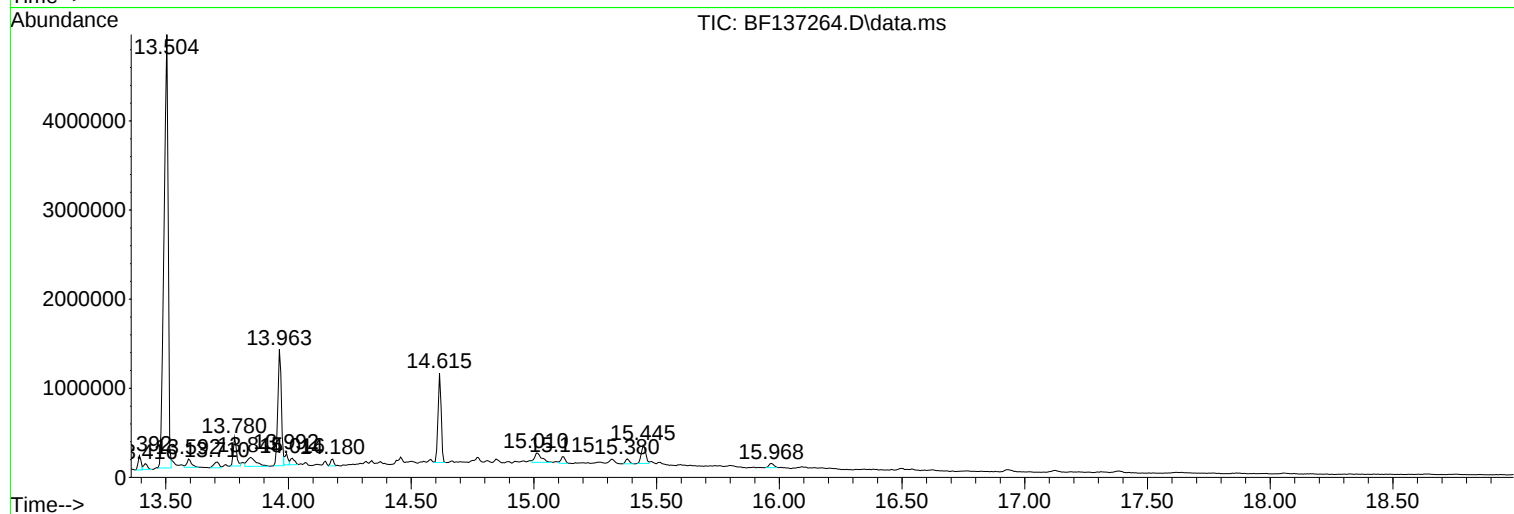
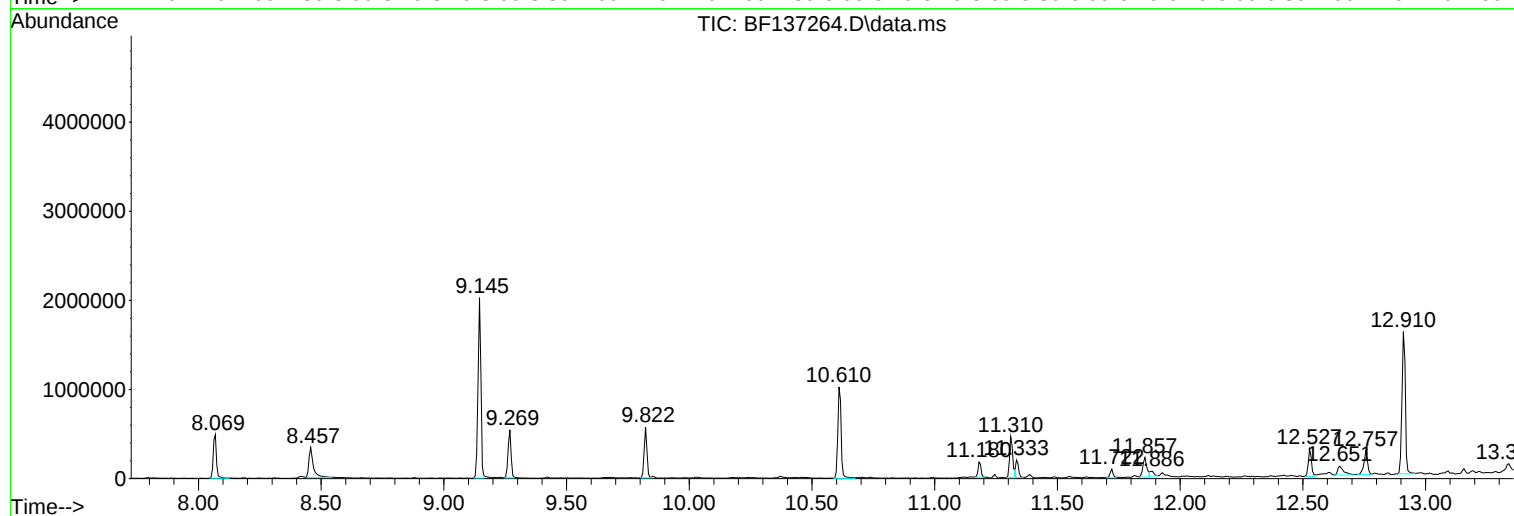
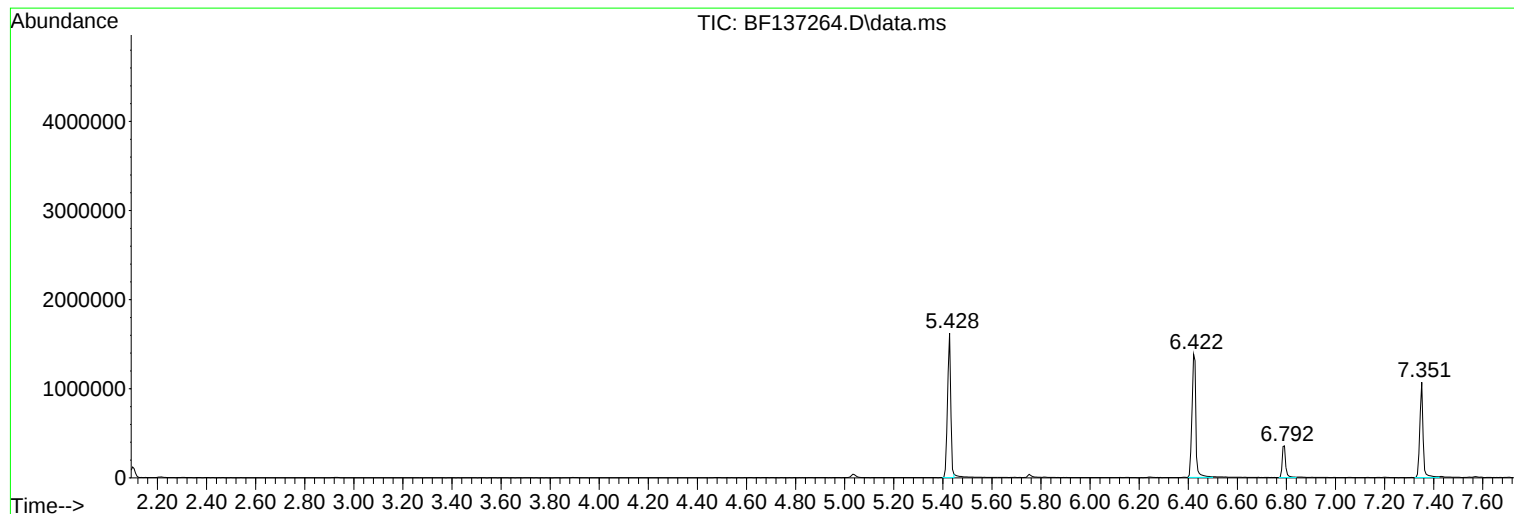
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Data File : BF137264.D  
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BNA\_F  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

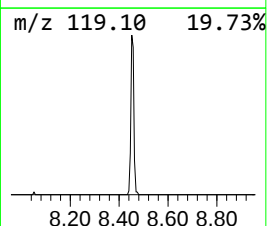
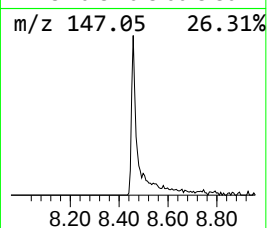
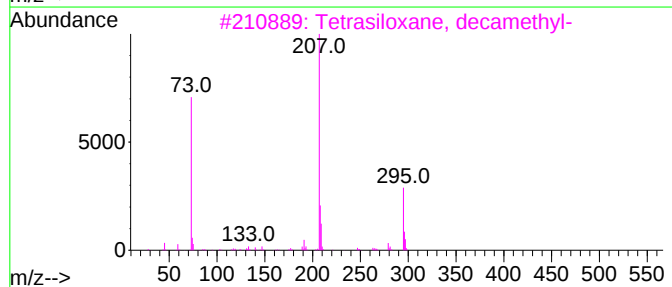
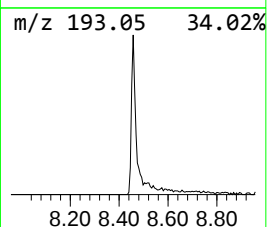
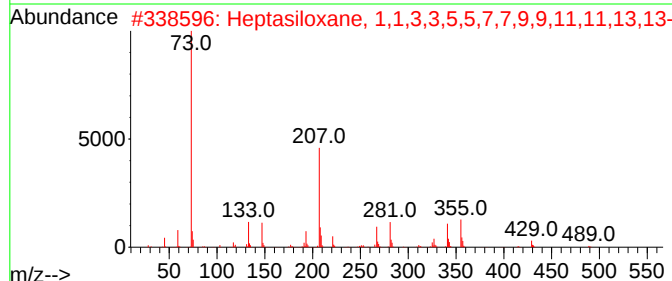
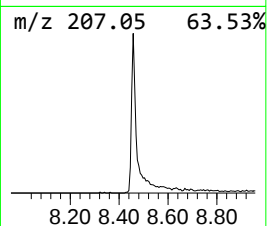
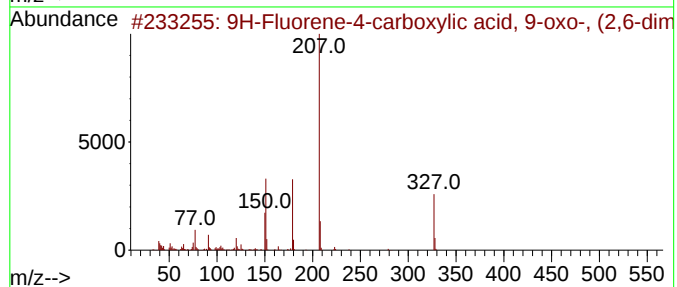
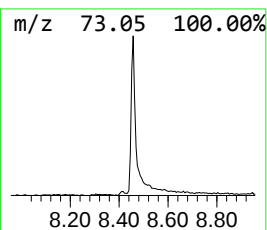
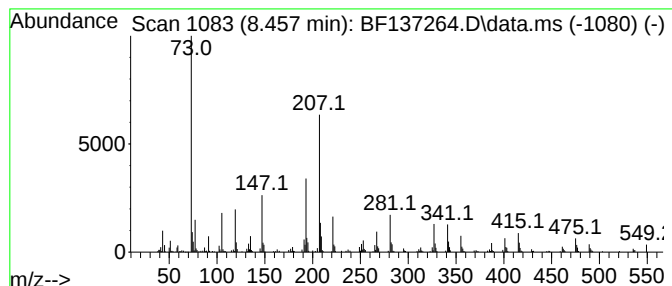
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown8.457 Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.457 | 18.71 ng | 412593 | Naphthalene-d8   | 8.069 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 9H-Fluorene-4-carboxylic acid, 9... | 327 | C22H17NO2    | 1000304-78-2 | 43      |      |      |
| 2    | Heptasiloxane, 1,1,3,3,5,5,7,7,9... | 504 | C14H44O6Si7  | 019095-23-9  | 43      |      |      |
| 3    | Tetrasiloxane, decamethyl-          | 310 | C10H30O3Si4  | 000141-62-8  | 30      |      |      |
| 4    | 2-Hydroxy-4-methoxynicotinonitri... | 222 | C10H14N2O2Si | 1000484-72-7 | 27      |      |      |
| 5    | Cyclotrisiloxane, hexamethyl-       | 222 | C6H18O3Si3   | 000541-05-9  | 27      |      |      |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

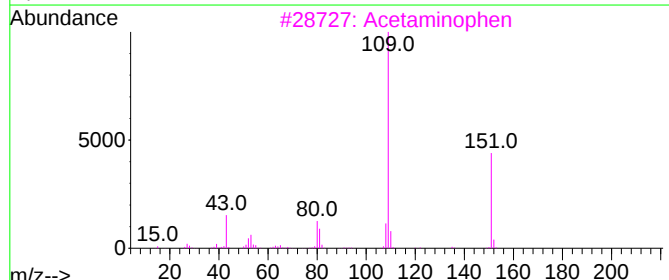
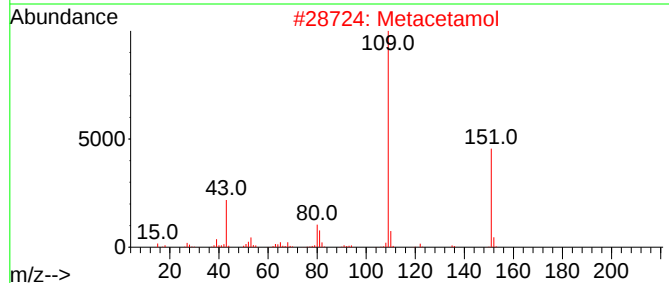
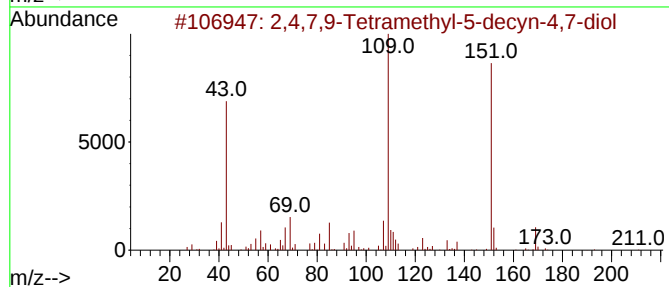
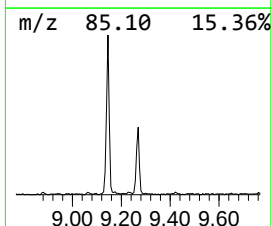
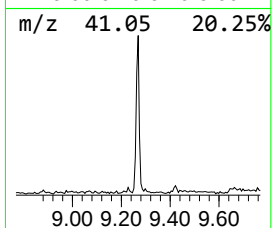
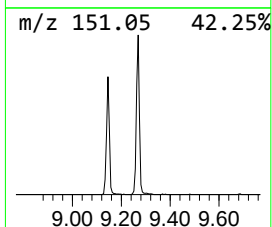
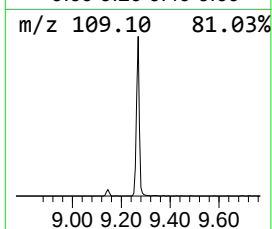
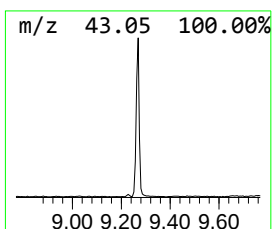
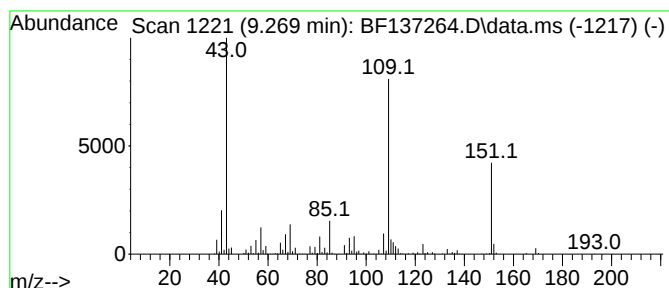
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Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.269 | 20.14 ng | 456781 | Acenaphthene-d10 | 9.822 |

| 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 | 64   |      |
| 3    | Acetaminophen                       | 151          | C8H9NO2  | 000103-90-2 | 59   |      |
| 4    | Pyridine, 2-butyl-, 1-oxide         | 151          | C9H13NO  | 031396-32-4 | 59   |      |
| 5    | 1-(1,2,3-Trimethyl-cvclopent-2-e... | 152          | C10H16O  | 070987-81-4 | 49   |      |



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Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

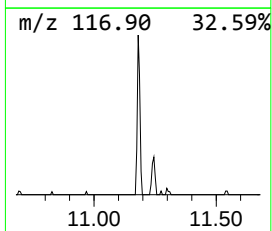
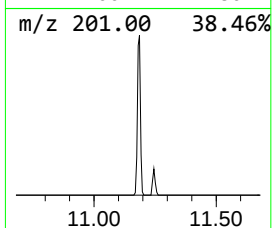
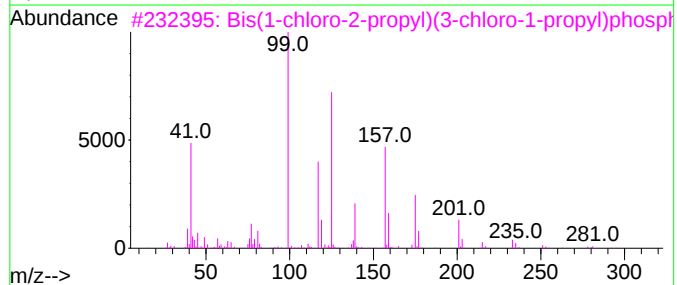
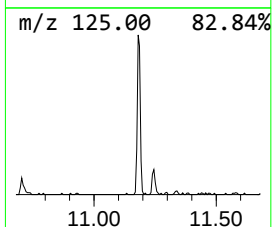
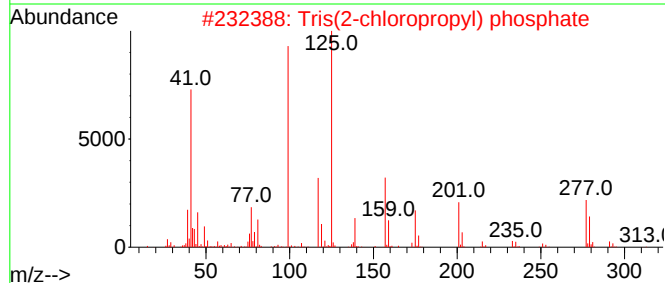
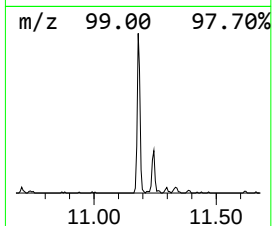
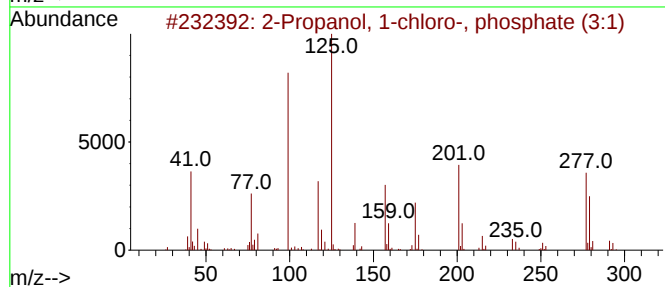
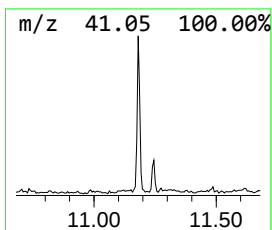
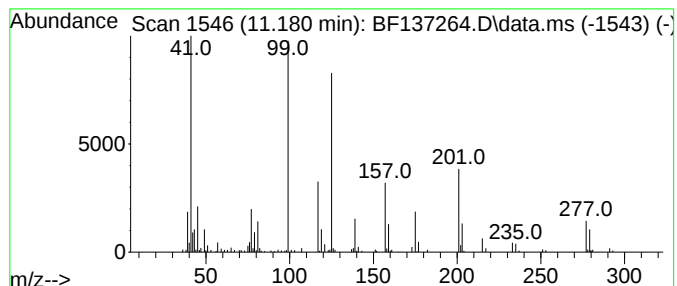
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 2-Propanol, 1-chloro-, phos... Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.180 | 6.65 ng | 140576 | Phenanthrene-d10 | 11.310 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|------|-------------------------------------|-----|-------------|--------------|------|
| 1    |      | 2-Propanol, 1-chloro-, phosphate... | 326 | C9H18Cl3O4P | 013674-84-5  | 64   |
| 2    |      | Tris(2-chloropropyl) phosphate      | 326 | C9H18Cl3O4P | 006145-73-9  | 58   |
| 3    |      | Bis(1-chloro-2-propyl)(3-chloro-... | 326 | C9H18Cl3O4P | 137909-40-1  | 27   |
| 4    |      | 1-Methylbutyl methylphosphonoflu... | 168 | C6H14F02P   | 1010510-51-9 | 25   |
| 5    |      | Triisopropylphosphate               | 224 | C9H21O4P    | 000513-02-0  | 25   |



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Instrument :  
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ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

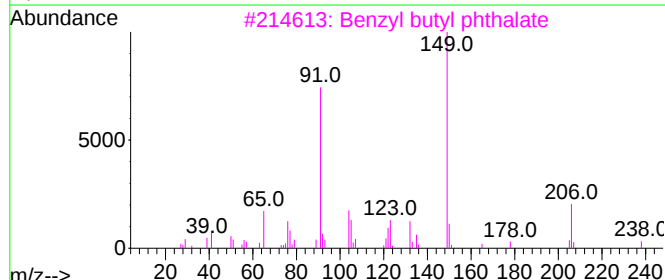
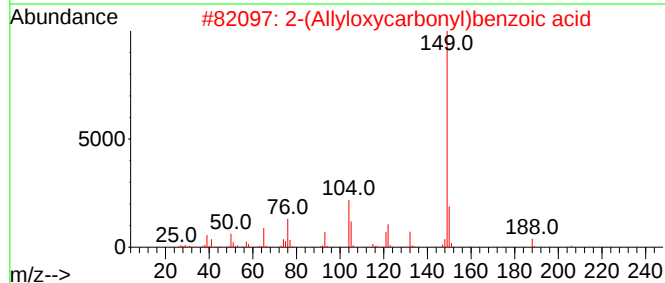
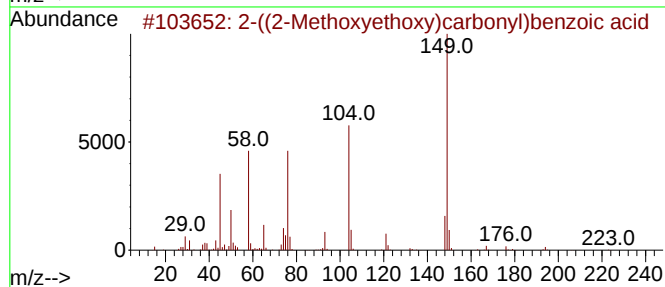
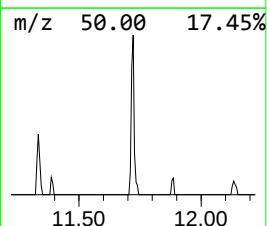
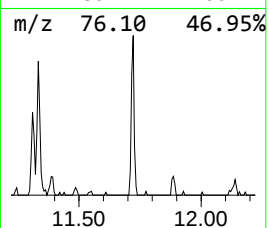
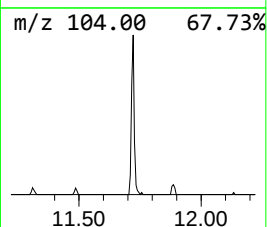
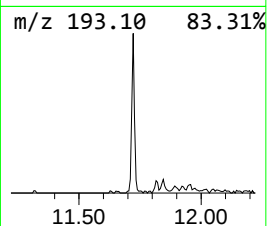
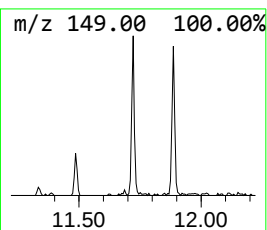
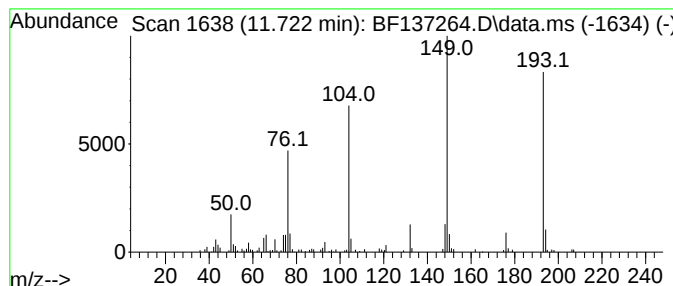
TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown11.722 Concentration Rank 11

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.722 | 3.76 ng | 79472 | Phenanthrene-d10 | 11.310 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-((2-Methoxyethoxy)carbonyl)ben... | 224 | C11H12O5     | 016501-01-2 | 38      |      |      |
| 2    | 2-(Allyloxy)carbonylbenzoic acid    | 206 | C11H10O4     | 003882-14-2 | 35      |      |      |
| 3    | Benzyl butyl phthalate              | 312 | C19H20O4     | 000085-68-7 | 22      |      |      |
| 4    | Phthalic acid, monohexyl ester      | 250 | C14H18O4     | 024539-57-9 | 22      |      |      |
| 5    | Phthalic acid, monoethyl ester      | 278 | C16H22O4     | 005393-19-1 | 22      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

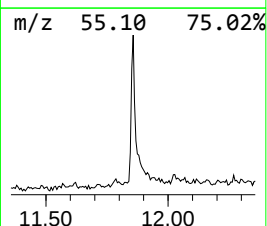
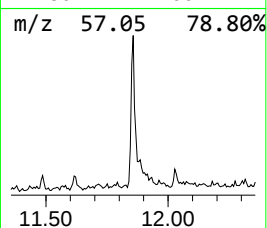
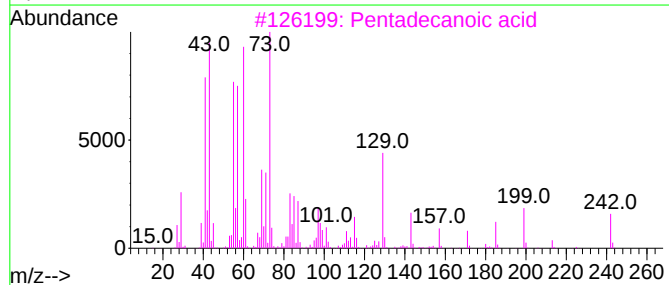
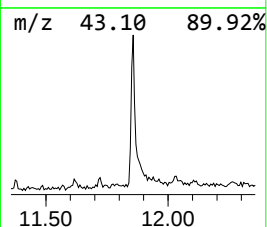
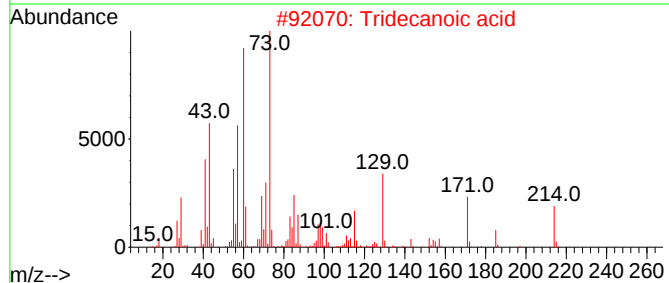
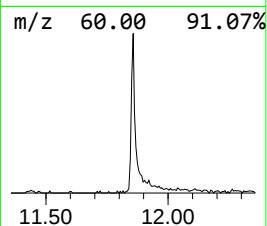
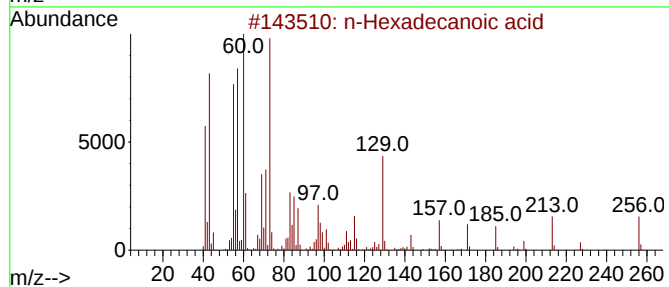
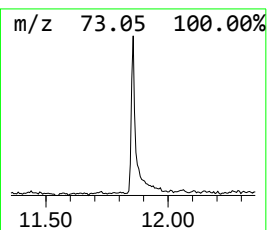
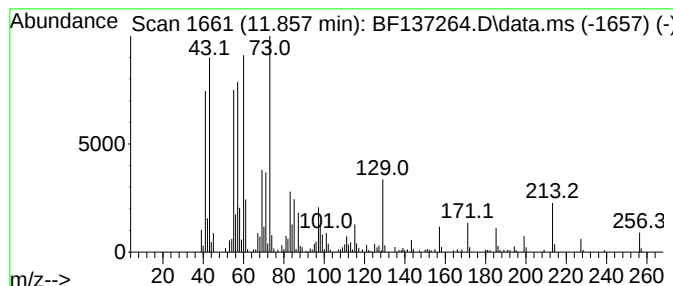
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.857 | 12.01 ng | 253866 | Phenanthrene-d10 | 11.310 |

| 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 | 89   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |
| 5    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

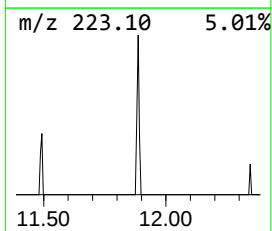
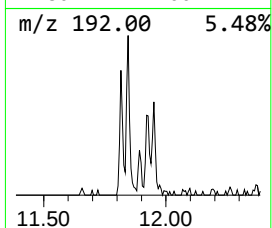
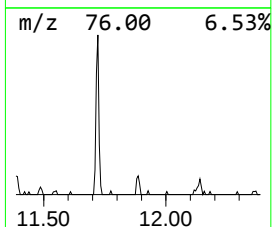
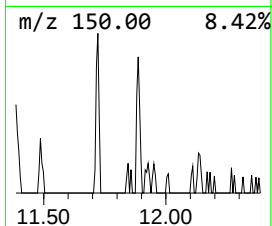
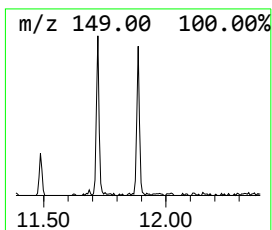
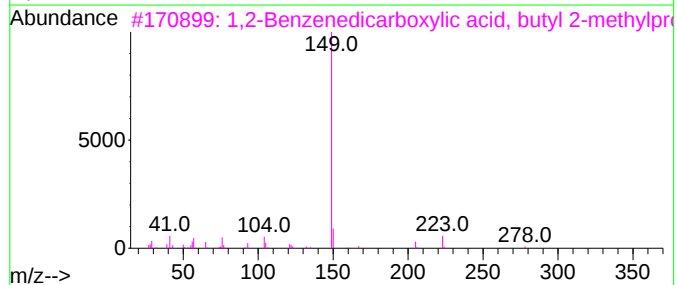
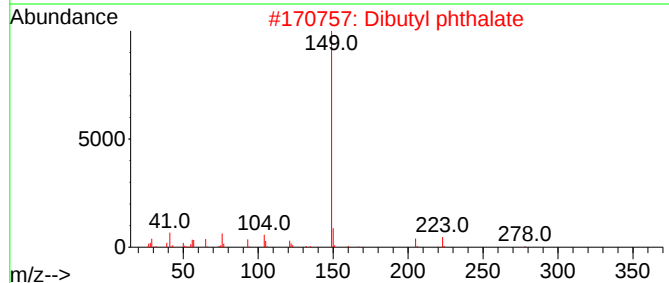
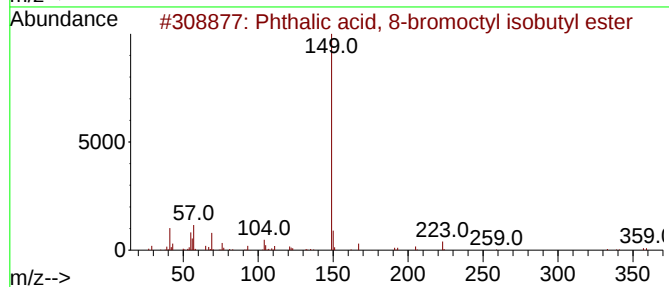
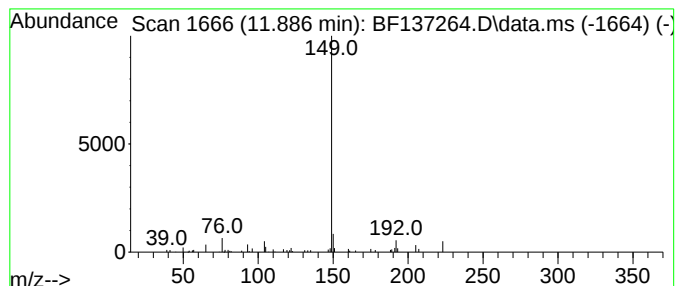
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Phthalic acid, 8-bromooctyl ... Concentration Rank 12

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.886 | 2.71 ng | 57205 | Phenanthrene-d10 | 11.310 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Phthalic acid, 8-bromooctyl isobu... | 412 | C20H29BrO4 | 1000382-55-3 | 78   |
| 2    |    |   | Dibutyl phthalate                    | 278 | C16H22O4   | 000084-74-2  | 78   |
| 3    |    |   | 1,2-Benzenedicarboxylic acid, bu...  | 278 | C16H22O4   | 017851-53-5  | 78   |
| 4    |    |   | Phthalic acid, 2-cyclohexylethyl...  | 332 | C20H28O4   | 1000309-08-4 | 72   |
| 5    |    |   | Phthalic acid, 8-bromooctyl propy... | 398 | C19H27BrO4 | 1000382-55-2 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

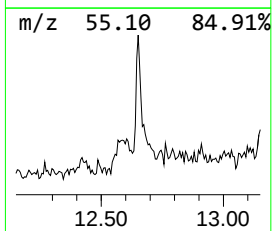
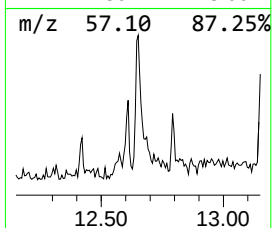
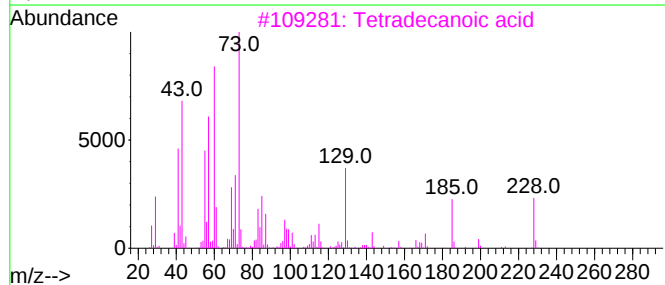
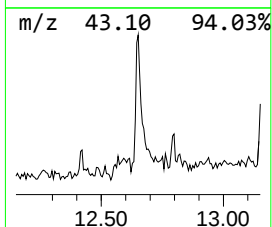
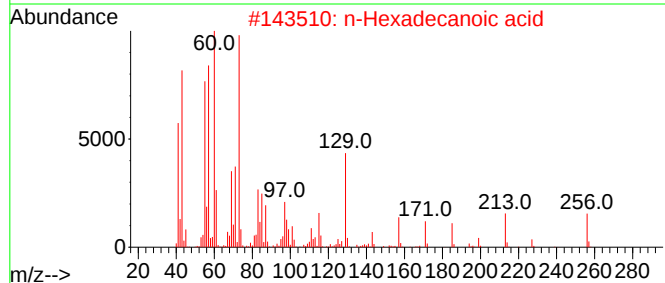
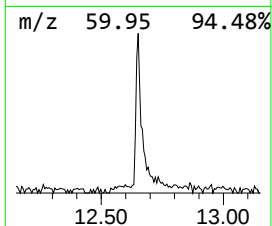
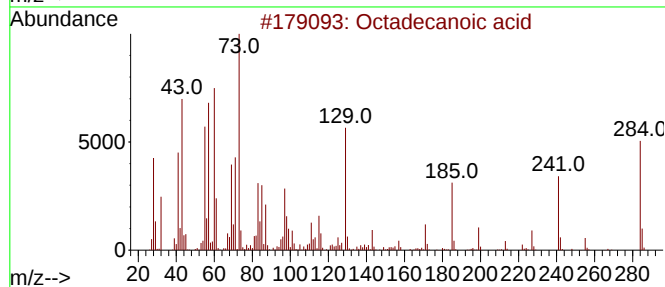
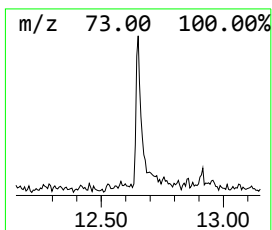
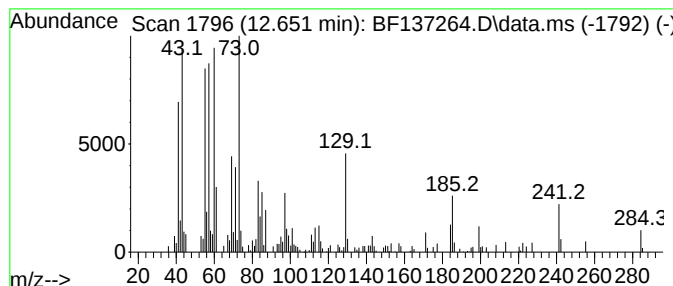
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Octadecanoic acid Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.651 | 2.60 ng | 170934 | Chrysene-d12     | 13.969 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 97   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 60   |
| 5    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

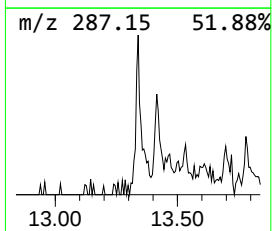
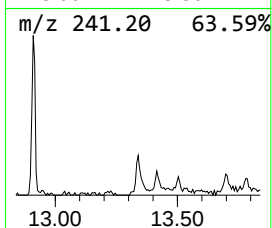
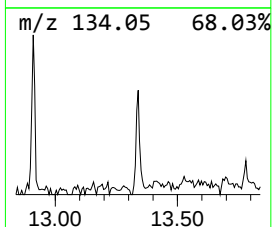
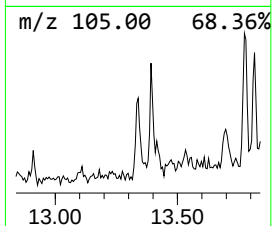
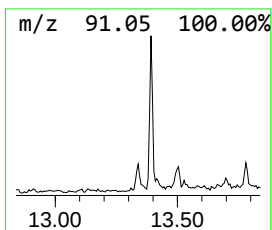
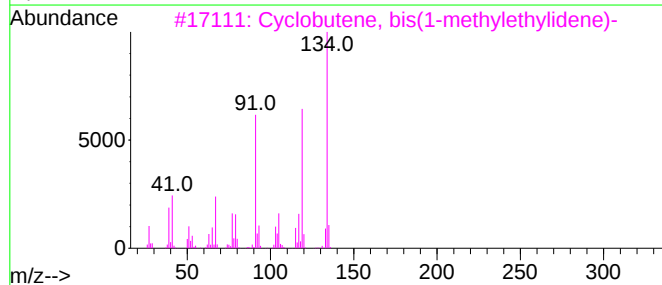
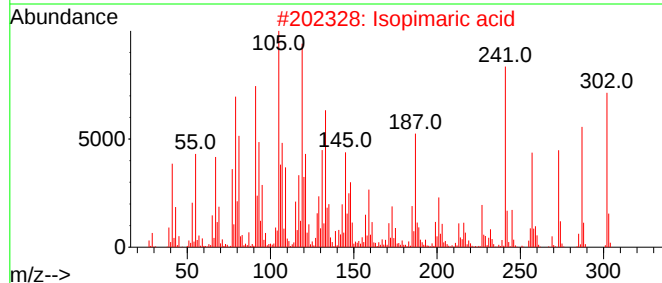
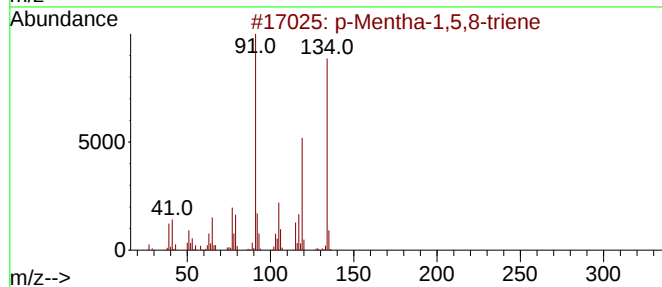
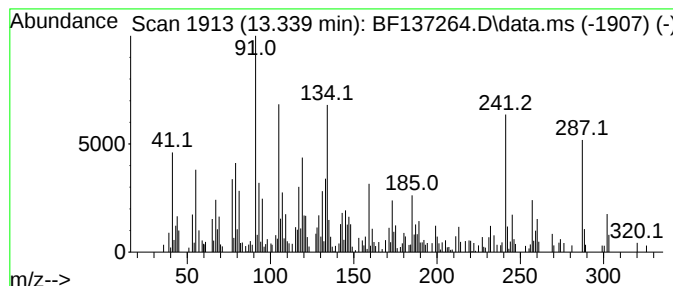
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 unknown13.339 Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.339 | 2.55 ng | 167606 | Chrysene-d12     | 13.969 |

| Hit# | of | 5 | Tentative ID                          | MW  | MolForm    | CAS#         | Qual |
|------|----|---|---------------------------------------|-----|------------|--------------|------|
| 1    |    |   | p-Mentha-1,5,8-triene                 | 134 | C10H14     | 021195-59-5  | 38   |
| 2    |    |   | Isopimaric acid                       | 302 | C20H30O2   | 005835-26-7  | 38   |
| 3    |    |   | Cyclobutene, bis(1-methylethylidene)- | 134 | C10H14     | 003642-14-6  | 30   |
| 4    |    |   | methanone, (4-methoxyphenyl)[4-(...]  | 241 | C15H15NO2  | 1000401-21-4 | 30   |
| 5    |    |   | 4-((4-(Bis(4-fluorophenyl)methyl)-    | 421 | C26H29F2N3 | 112292-15-6  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

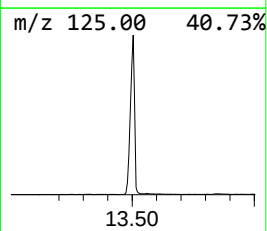
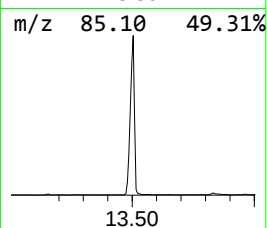
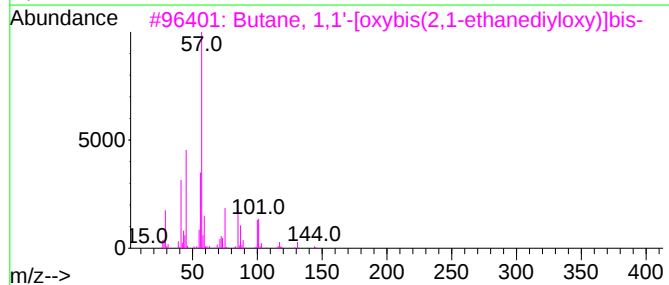
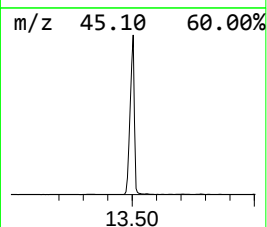
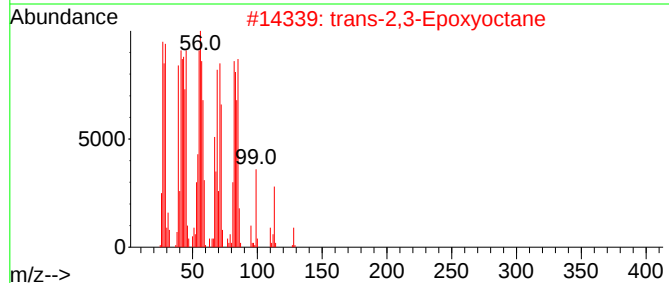
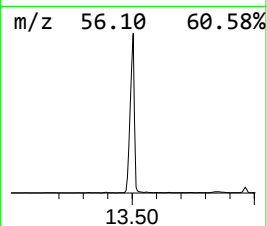
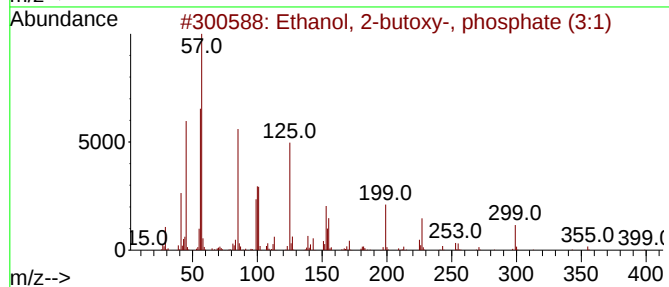
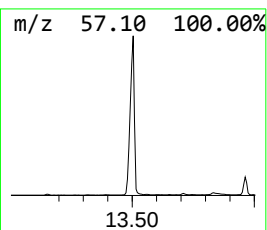
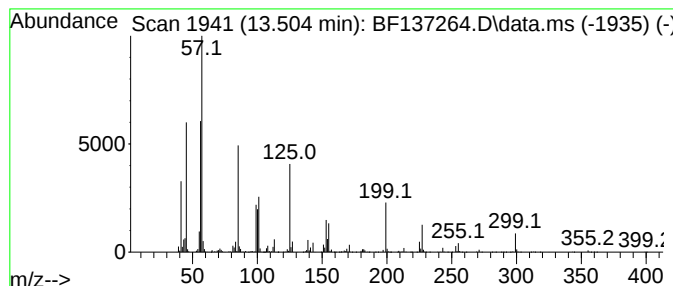
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Ethanol, 2-butoxy-, phospho... Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD |           | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-----------|-------------|------|
| 13.504    | 86.61 ng                            | 5701470 | Chrysene-d12     |           | 13.969      |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm   | CAS#        | Qual |
| 1         | Ethanol, 2-butoxy-, phosphate (3:1) |         | 398              | C18H3907P | 000078-51-3 | 91   |
| 2         | trans-2,3-Epoxyoctane               |         | 128              | C8H16O    | 028180-70-3 | 38   |
| 3         | Butane, 1,1'-[oxybis(2,1-ethaned... |         | 218              | C12H26O3  | 000112-73-2 | 27   |
| 4         | 2,5-Hexanediol                      |         | 118              | C6H14O2   | 002935-44-6 | 25   |
| 5         | 2-Propanone, ethylhydrazone         |         | 100              | C5H12N2   | 007422-99-3 | 16   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

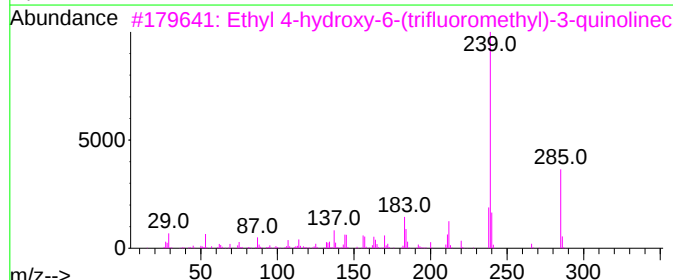
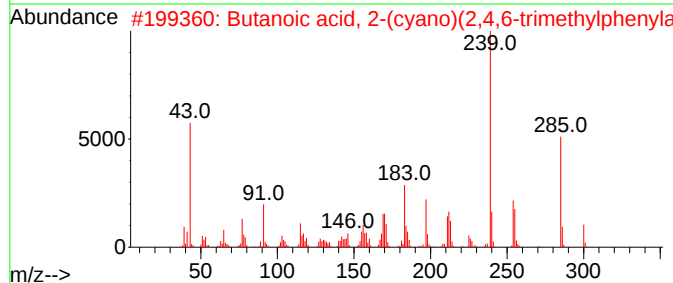
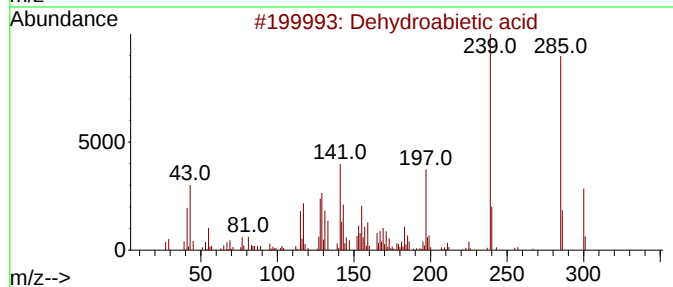
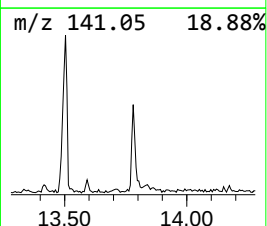
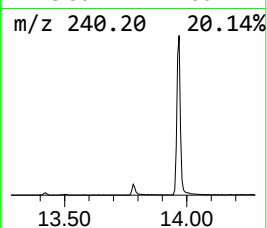
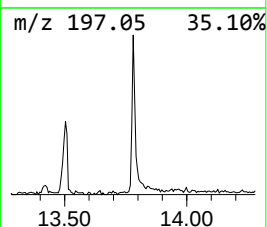
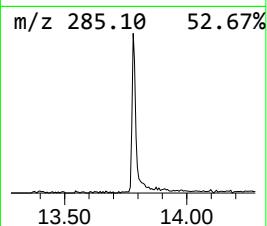
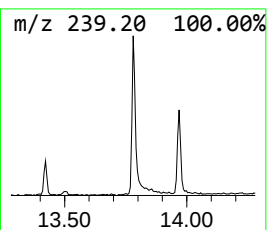
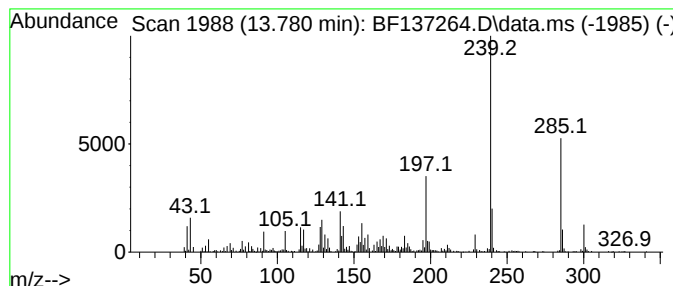
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Dehydroabiestic acid Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.780 | 4.49 ng | 295284 | Chrysene-d12     | 13.969 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Dehydroabiestic acid                | 300 | C20H28O2    | 001740-19-8  | 97   |
| 2    |    |   | Butanoic acid, 2-(cyano)(2,4,6-t... | 300 | C17H20N2O3  | 1000267-71-7 | 81   |
| 3    |    |   | Ethyl 4-hydroxy-6-(trifluorometh... | 285 | C13H10F3NO3 | 026893-12-9  | 70   |
| 4    |    |   | 1-Phenanthrenecarboxylic acid, 1... | 300 | C20H28O2    | 005155-70-4  | 58   |
| 5    |    |   | Ethyl 4-hydroxy-7-trifluoromethy... | 285 | C13H10F3NO3 | 000391-02-6  | 58   |



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Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

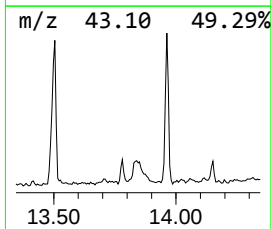
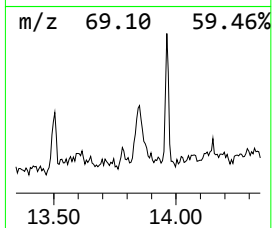
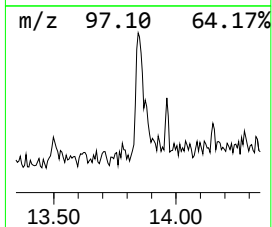
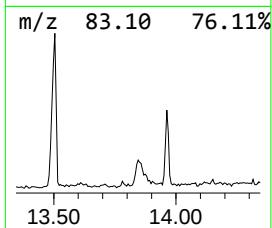
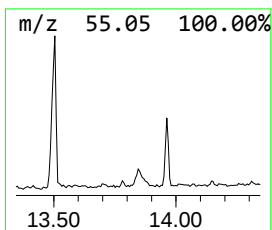
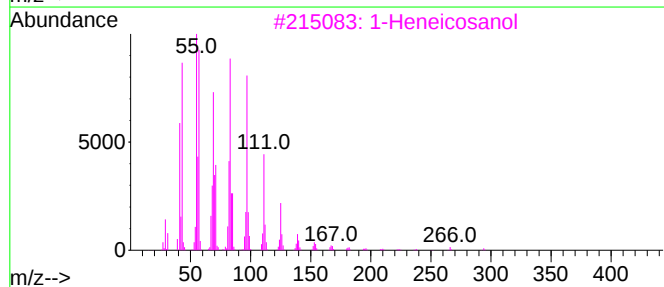
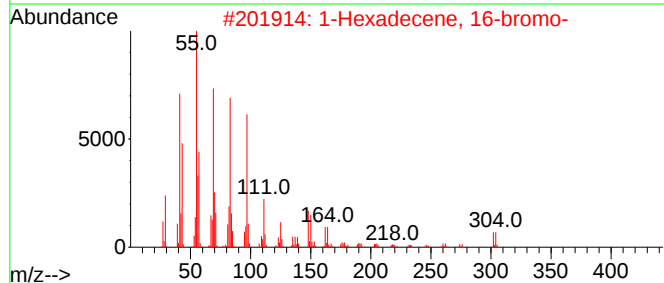
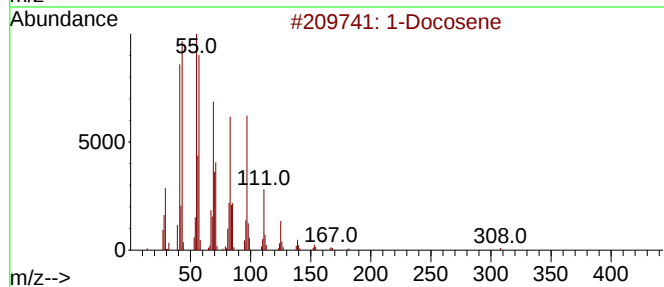
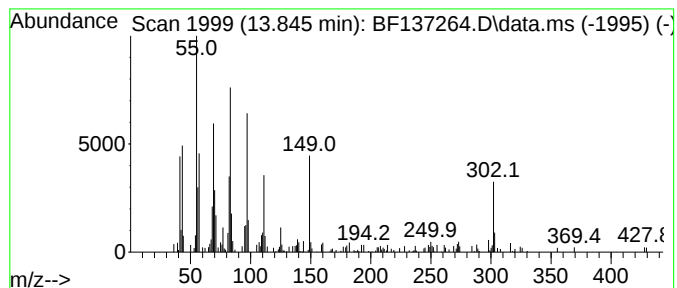
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 1-Docosene Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.845 | 3.88 ng | 255641 | Chrysene-d12     | 13.969 |

| Hit# | of 5                                | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|-------------------------------------|--------------|-----|----------|-------------|------|
| 1    | 1-Docosene                          |              | 308 | C22H44   | 001599-67-3 | 78   |
| 2    | 1-Hexadecene, 16-bromo-             |              | 302 | C16H31Br | 118625-56-2 | 49   |
| 3    | 1-Heneicosanol                      |              | 312 | C21H44O  | 015594-90-8 | 47   |
| 4    | Behenic alcohol                     |              | 326 | C22H46O  | 000661-19-8 | 47   |
| 5    | [Bi-1,4-cyclohexadien-1-yl]-3,3'... |              | 302 | C16H14O6 | 010493-51-3 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

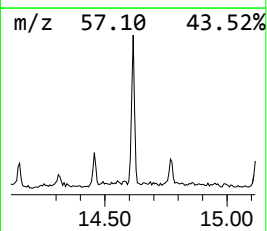
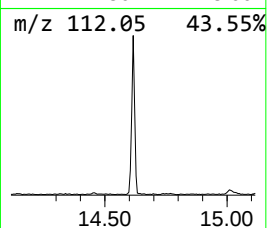
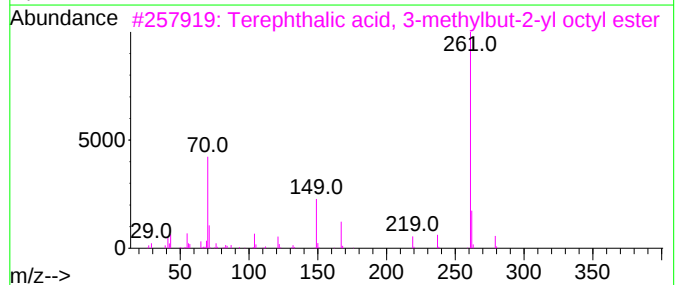
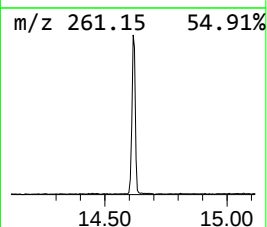
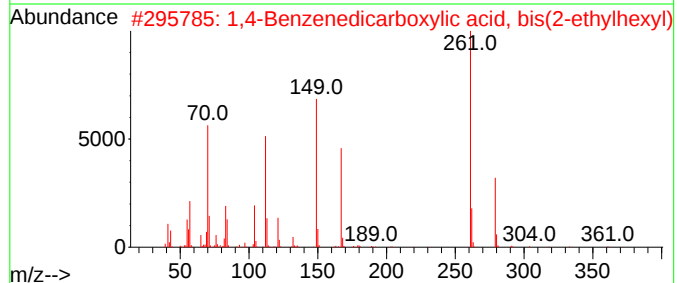
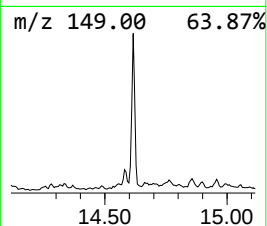
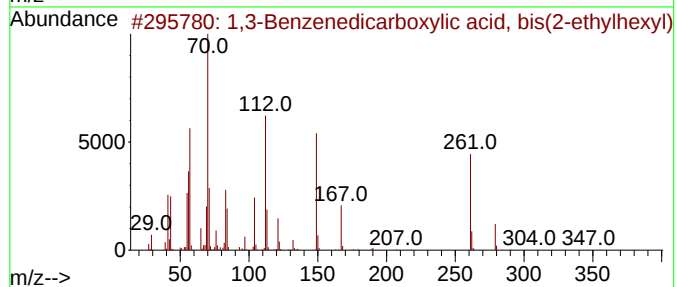
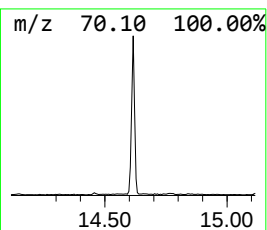
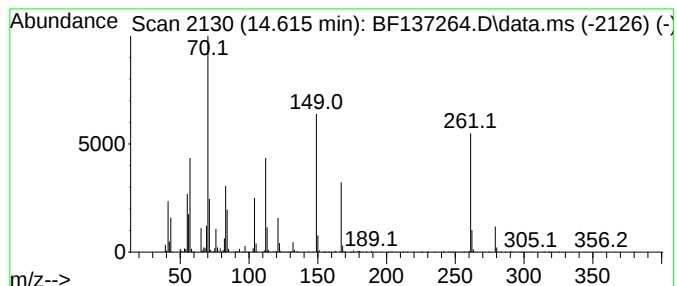
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 1,3-Benzenedicarboxylic aci... Concentration Rank 4

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 14.616    | 13.13 ng                            | 864105 | Chrysene-d12     | 13.969       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1,3-Benzenedicarboxylic acid, bi... | 390    | C24H38O4         | 000137-89-3  | 72   |
| 2         | 1,4-Benzenedicarboxylic acid, bi... | 390    | C24H38O4         | 006422-86-2  | 64   |
| 3         | Terephthalic acid, 3-methylbut-2... | 348    | C21H32O4         | 1000356-27-6 | 53   |
| 4         | Terephthalic acid, monochloride,... | 296    | C16H21ClO3       | 1000324-22-9 | 43   |
| 5         | Terephthalic acid, 3-hexyl octyl... | 362    | C22H34O4         | 1000356-23-1 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

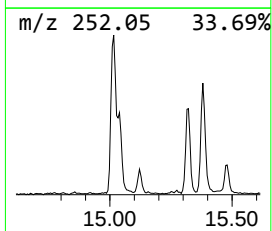
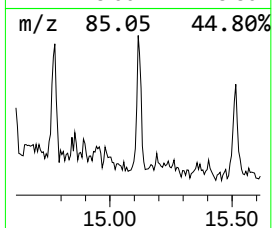
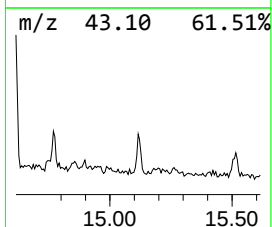
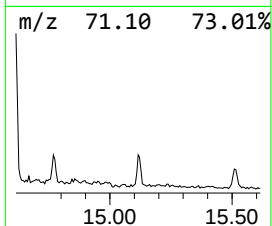
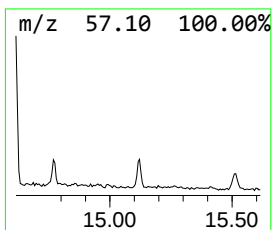
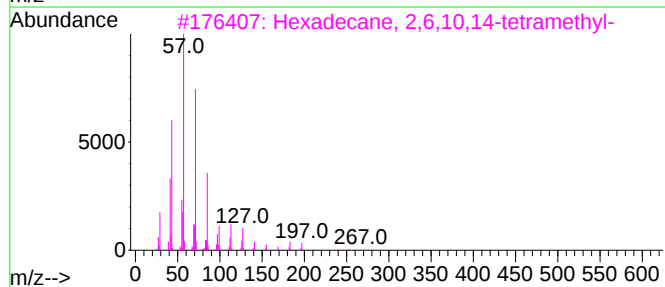
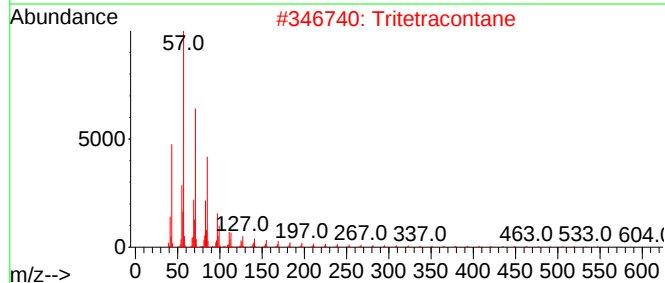
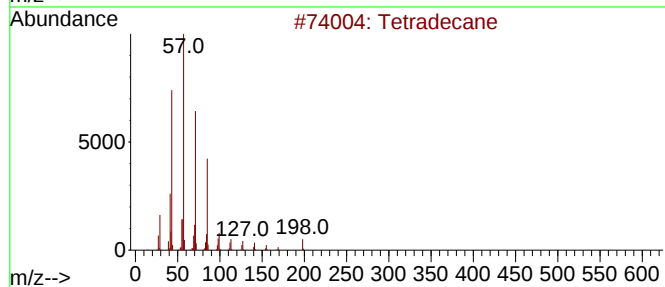
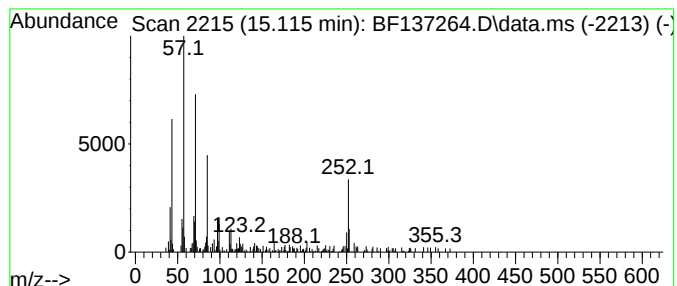
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Tetradecane Concentration Rank 7

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.115 | 6.61 ng | 86465 | Perylene-d12     | 15.445 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane                         | 198 | C14H30  | 000629-59-4 | 90   |
| 2    |    |   | Tritetracontane                     | 605 | C43H88  | 007098-21-7 | 58   |
| 3    |    |   | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42  | 000638-36-8 | 58   |
| 4    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 52   |
| 5    |    |   | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

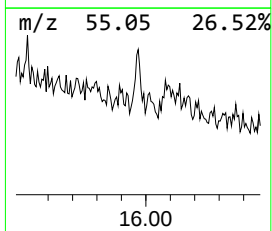
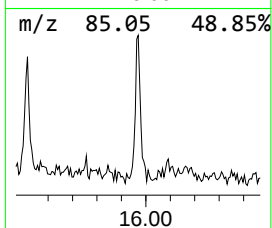
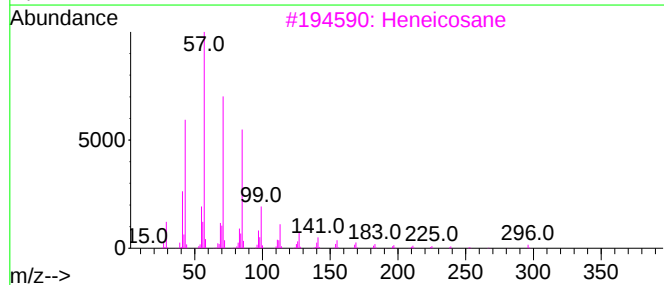
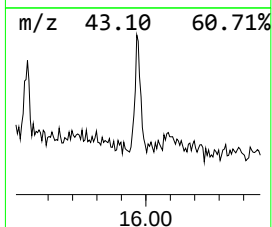
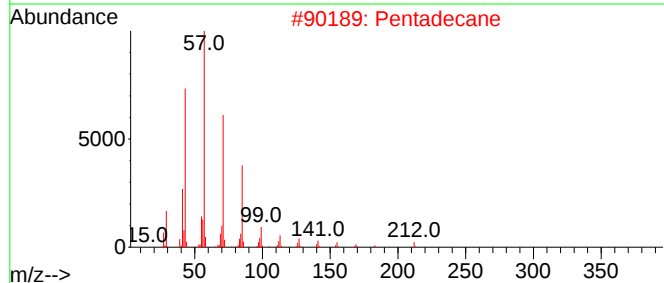
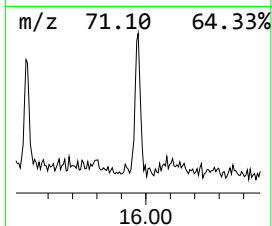
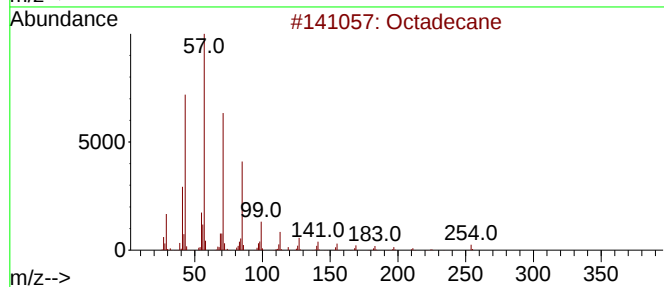
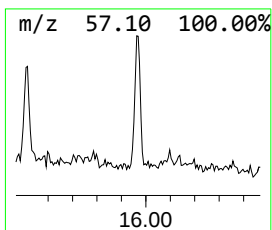
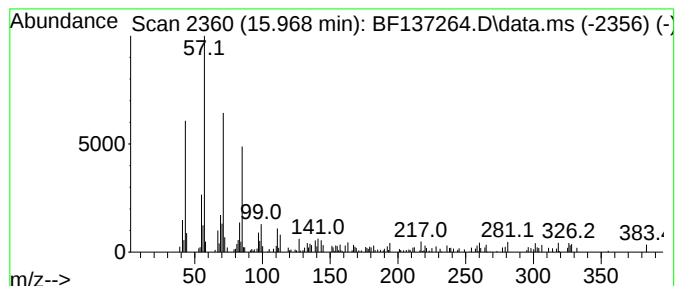
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Octadecane Concentration Rank 8

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.968 | 5.14 ng | 67304 | Perylene-d12     | 15.445 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Octadecane           | 254 | C18H38  | 000593-45-3 | 96   |
| 2    |      | Pentadecane          | 212 | C15H32  | 000629-62-9 | 86   |
| 3    |      | Heneicosane          | 296 | C21H44  | 000629-94-7 | 83   |
| 4    |      | Tricosane, 2-methyl- | 338 | C24H50  | 001928-30-9 | 58   |
| 5    |      | Hexacosane           | 366 | C26H54  | 000630-01-3 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020224\  
Data File : BF137264.D  
Acq On : 02 Feb 2024 19:46  
Operator : CG\JU  
Sample : P1341-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.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 |
| unknown8.457       | 8.457  | 18.7    | ng    | 412593   | 2                     | 8.069  | 441001  | 20.0 |
| 2,4,7,9-Tetrame... | 9.269  | 20.1    | ng    | 456781   | 3                     | 9.822  | 453692  | 20.0 |
| 2-Propanol, 1-c... | 11.180 | 6.7     | ng    | 140576   | 4                     | 11.310 | 422860  | 20.0 |
| unknown11.722      | 11.722 | 3.8     | ng    | 79472    | 4                     | 11.310 | 422860  | 20.0 |
| n-Hexadecanoic ... | 11.857 | 12.0    | ng    | 253866   | 4                     | 11.310 | 422860  | 20.0 |
| Phthalic acid, ... | 11.886 | 2.7     | ng    | 57205    | 4                     | 11.310 | 422860  | 20.0 |
| Octadecanoic acid  | 12.651 | 2.6     | ng    | 170934   | 5                     | 13.969 | 1316630 | 20.0 |
| unknown13.339      | 13.339 | 2.5     | ng    | 167606   | 5                     | 13.969 | 1316630 | 20.0 |
| Ethanol, 2-buto... | 13.504 | 86.6    | ng    | 5701470  | 5                     | 13.969 | 1316630 | 20.0 |
| Dehydroabietic ... | 13.780 | 4.5     | ng    | 295284   | 5                     | 13.969 | 1316630 | 20.0 |
| 1-Docosene         | 13.845 | 3.9     | ng    | 255641   | 5                     | 13.969 | 1316630 | 20.0 |
| 1,3-Benzenedica... | 14.616 | 13.1    | ng    | 864105   | 5                     | 13.969 | 1316630 | 20.0 |
| Tetradecane        | 15.115 | 6.6     | ng    | 86465    | 6                     | 15.445 | 261777  | 20.0 |
| Octadecane         | 15.968 | 5.1     | ng    | 67304    | 6                     | 15.445 | 261777  | 20.0 |