

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
 Data File : BF128800.D  
 Acq On : 14 Jun 2022 15:16  
 Operator : CG\JU  
 Sample : N3327-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EW-WMR-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-BF060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128800.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         | 4.987       | 455           | 459         | 464          | rVB      | 78262          | 96382         | 4.88%           | 0.563%        |
| 2         | 5.422       | 529           | 533         | 541          | rBV      | 1505039        | 1479403       | 74.95%          | 8.635%        |
| 3         | 6.439       | 702           | 706         | 715          | rVB      | 1605963        | 1519083       | 76.96%          | 8.866%        |
| 4         | 6.781       | 760           | 764         | 767          | rBV      | 526377         | 446202        | 22.61%          | 2.604%        |
| 5         | 7.345       | 855           | 860         | 863          | rBV      | 1096997        | 1028624       | 52.11%          | 6.004%        |
| 6         | 8.063       | 977           | 982         | 985          | rVB      | 678406         | 562231        | 28.49%          | 3.281%        |
| 7         | 9.139       | 1160          | 1165        | 1168         | rBV      | 2290103        | 1973779       | 100.00%         | 11.520%       |
| 8         | 9.822       | 1276          | 1281        | 1284         | rVB      | 767451         | 670626        | 33.98%          | 3.914%        |
| 9         | 10.451      | 1382          | 1388        | 1397         | rBV      | 31216          | 46282         | 2.34%           | 0.270%        |
| 10        | 10.610      | 1411          | 1415        | 1426         | rBV      | 1142677        | 1001572       | 50.74%          | 5.846%        |
| 11        | 10.857      | 1453          | 1457        | 1464         | rBV4     | 14990          | 23378         | 1.18%           | 0.136%        |
| 12        | 11.310      | 1529          | 1534        | 1537         | rBV      | 759274         | 682681        | 34.59%          | 3.984%        |
| 13        | 11.374      | 1541          | 1545        | 1548         | rBV3     | 24296          | 23360         | 1.18%           | 0.136%        |
| 14        | 11.586      | 1576          | 1581        | 1591         | rBV3     | 99647          | 245698        | 12.45%          | 1.434%        |
| 15        | 11.757      | 1604          | 1610        | 1613         | rBV7     | 18138          | 33011         | 1.67%           | 0.193%        |
| 16        | 11.839      | 1616          | 1624        | 1633         | rVV3     | 114428         | 244583        | 12.39%          | 1.428%        |
| 17        | 12.086      | 1663          | 1666        | 1670         | rVB      | 566877         | 449623        | 22.78%          | 2.624%        |
| 18        | 12.415      | 1716          | 1722        | 1731         | rBV3     | 75978          | 190684        | 9.66%           | 1.113%        |
| 19        | 12.539      | 1740          | 1743        | 1747         | rBV5     | 25863          | 44383         | 2.25%           | 0.259%        |
| 20        | 12.621      | 1753          | 1757        | 1770         | rVB2     | 482396         | 735281        | 37.25%          | 4.291%        |
| 21        | 12.768      | 1779          | 1782        | 1784         | rBV      | 56893          | 66324         | 3.36%           | 0.387%        |
| 22        | 12.898      | 1799          | 1804        | 1807         | rBV      | 2171466        | 1805179       | 91.46%          | 10.536%       |
| 23        | 13.127      | 1840          | 1843        | 1845         | rBV      | 42502          | 37763         | 1.91%           | 0.220%        |
| 24        | 13.439      | 1893          | 1896        | 1898         | rBV4     | 24811          | 37098         | 1.88%           | 0.217%        |
| 25        | 13.468      | 1899          | 1901        | 1904         | rVB      | 54783          | 43725         | 2.22%           | 0.255%        |
| 26        | 13.686      | 1932          | 1938        | 1946         | rBV2     | 131405         | 265876        | 13.47%          | 1.552%        |
| 27        | 13.798      | 1954          | 1957        | 1962         | rBV      | 56390          | 56078         | 2.84%           | 0.327%        |
| 28        | 13.857      | 1963          | 1967        | 1976         | rVB6     | 34465          | 70461         | 3.57%           | 0.411%        |
| 29        | 13.951      | 1979          | 1983        | 1987         | rVB      | 575529         | 483855        | 24.51%          | 2.824%        |
| 30        | 14.045      | 1994          | 1999        | 2006         | rBV      | 350871         | 345619        | 17.51%          | 2.017%        |
| 31        | 14.115      | 2008          | 2011        | 2015         | rVB      | 50063          | 44660         | 2.26%           | 0.261%        |
| 32        | 14.339      | 2043          | 2049        | 2059         | rBV      | 175841         | 356696        | 18.07%          | 2.082%        |
| 33        | 14.421      | 2060          | 2063        | 2067         | rVB      | 47736          | 46611         | 2.36%           | 0.272%        |
| 34        | 14.580      | 2087          | 2090        | 2098         | rVB7     | 24899          | 34030         | 1.72%           | 0.199%        |
| 35        | 14.721      | 2108          | 2114        | 2118         | rBV2     | 88270          | 179315        | 9.08%           | 1.047%        |
| 36        | 14.904      | 2140          | 2145        | 2153         | rVB2     | 123063         | 254999        | 12.92%          | 1.488%        |

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Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-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-BF060222.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 15.056 | 2169 | 2171 | 2175 | rVB2 | 33765  | 31592  | 1.60%  | 0.184% |
| 38 | 15.404 | 2226 | 2230 | 2242 | rVB  | 366963 | 484954 | 24.57% | 2.830% |
| 39 | 15.539 | 2247 | 2253 | 2261 | rVV3 | 83024  | 187954 | 9.52%  | 1.097% |
| 40 | 16.015 | 2327 | 2334 | 2356 | rBV8 | 121317 | 532527 | 26.98% | 3.108% |
| 41 | 16.262 | 2371 | 2376 | 2384 | rVB2 | 63679  | 141044 | 7.15%  | 0.823% |
| 42 | 17.127 | 2518 | 2523 | 2531 | rVB  | 56543  | 130216 | 6.60%  | 0.760% |

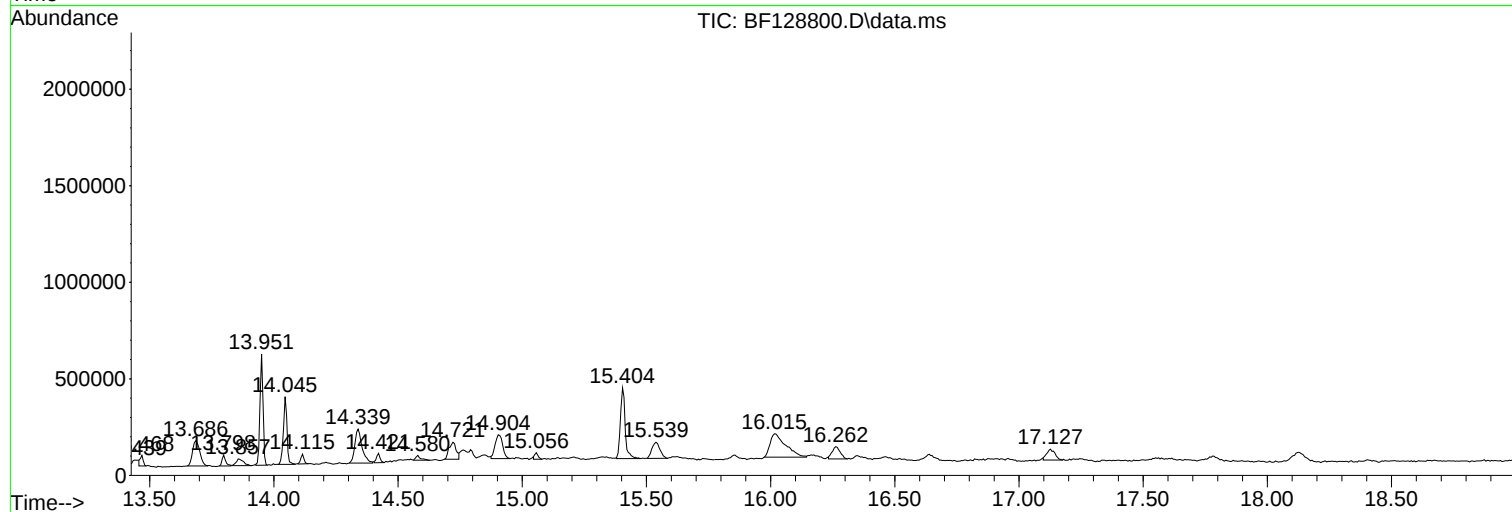
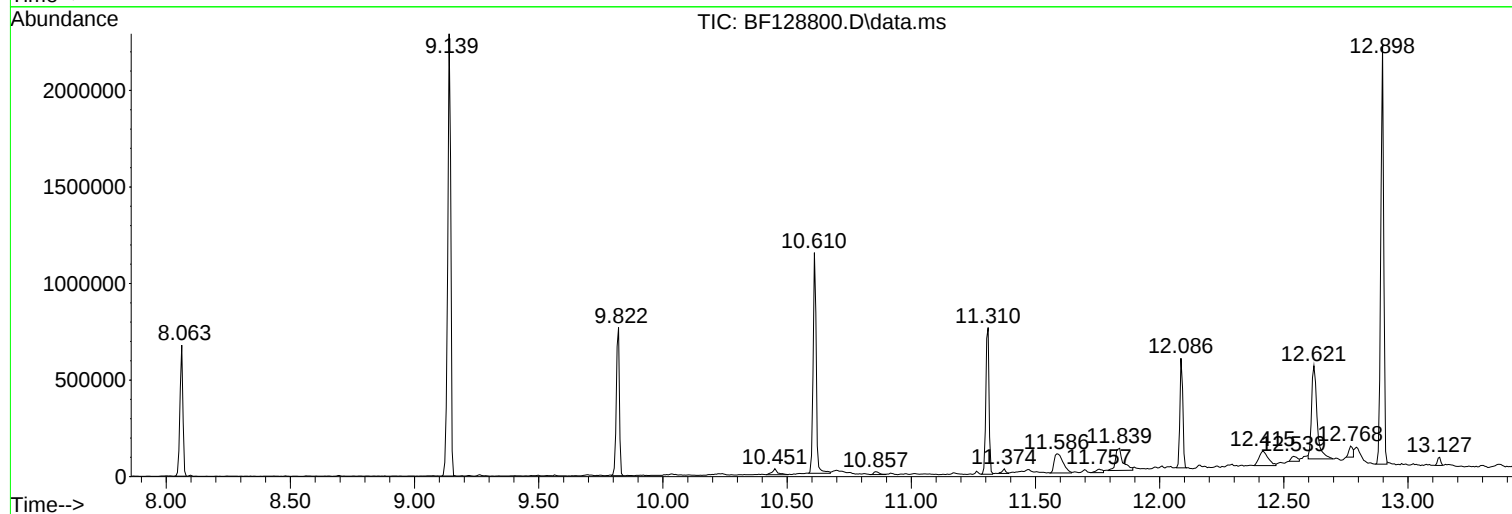
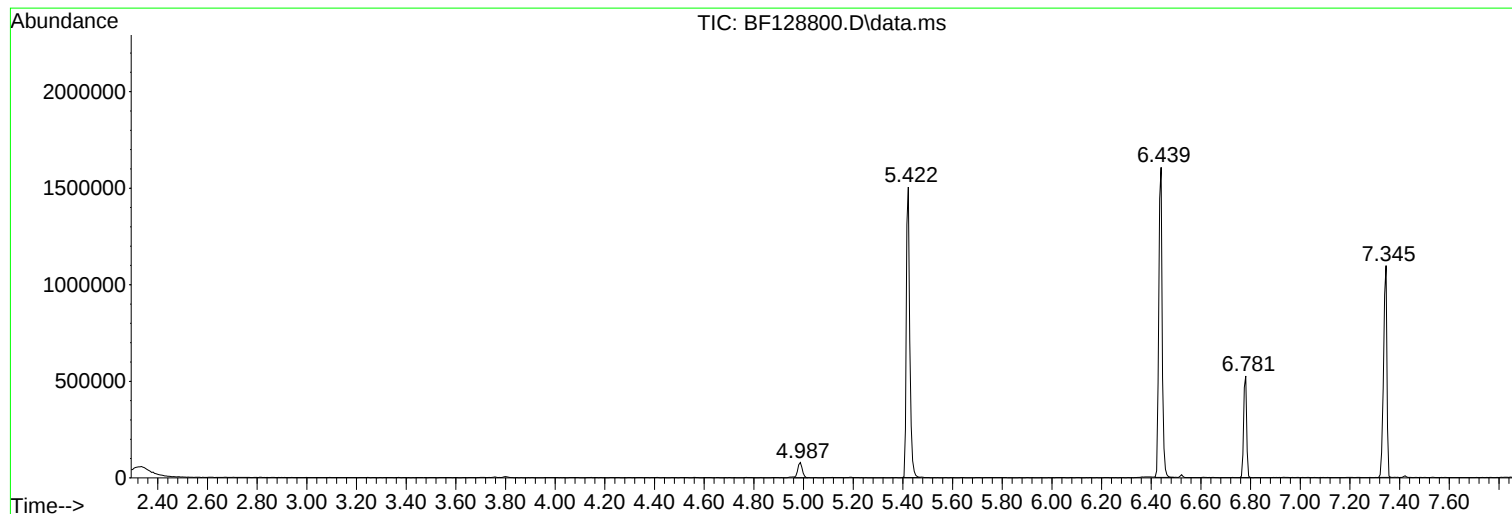
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.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\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

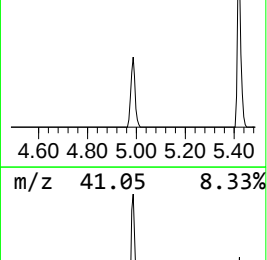
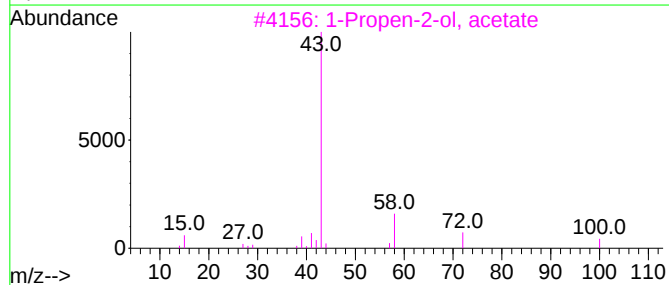
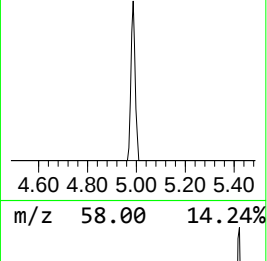
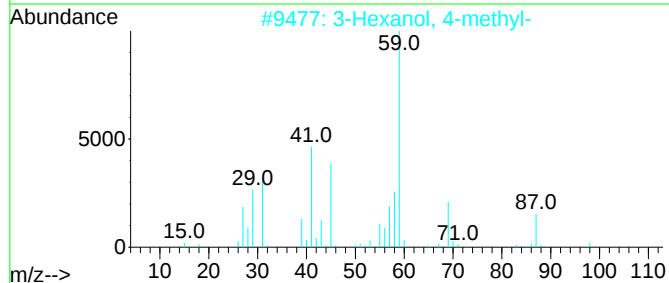
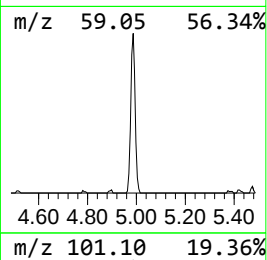
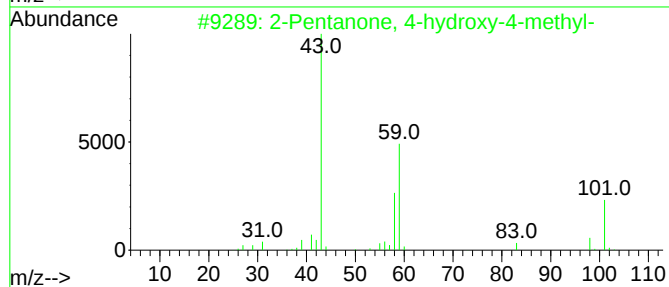
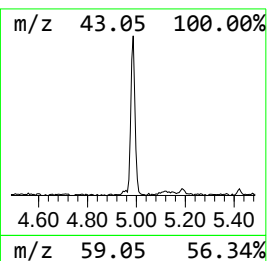
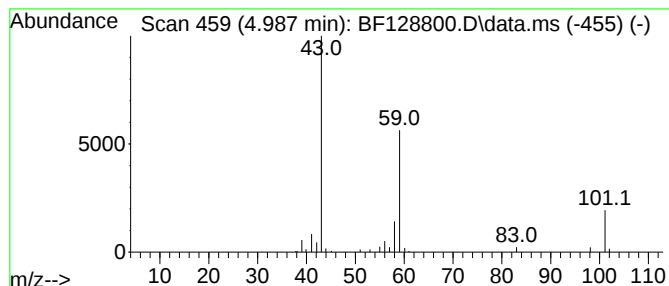
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 4.987 | 4.32 ng | 96382 | 1,4-Dichlorobenzene-d4 | 6.781 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2 | 000123-42-2 | 72   |
| 2    |      | 3-Hexanol, 4-methyl-               | 116 | C7H16O  | 000615-29-2 | 28   |
| 3    |      | 1-Propen-2-ol, acetate             | 100 | C5H8O2  | 000108-22-5 | 10   |
| 4    |      | Butane, 1-ethoxy-                  | 102 | C6H14O  | 000628-81-9 | 9    |
| 5    |      | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9    |



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BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

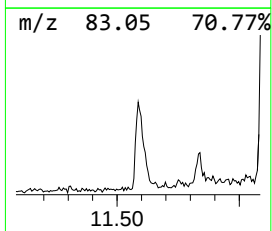
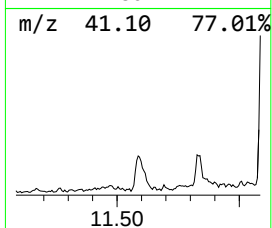
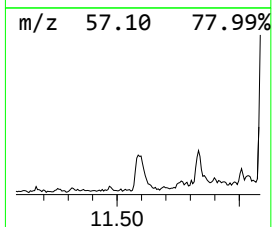
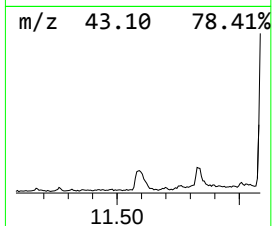
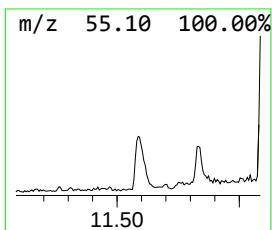
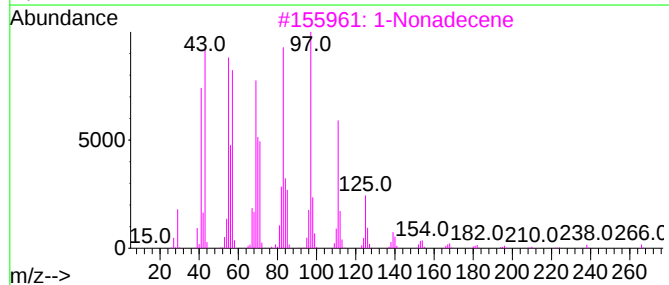
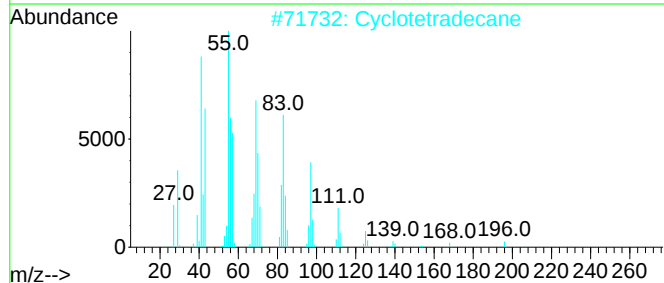
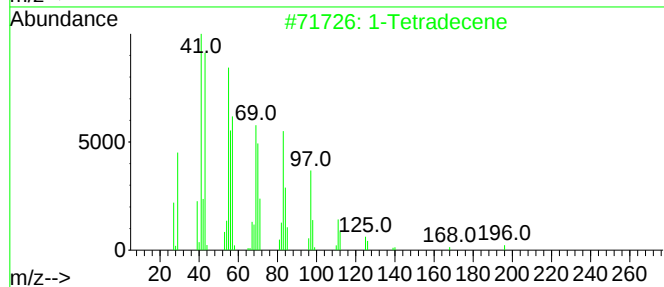
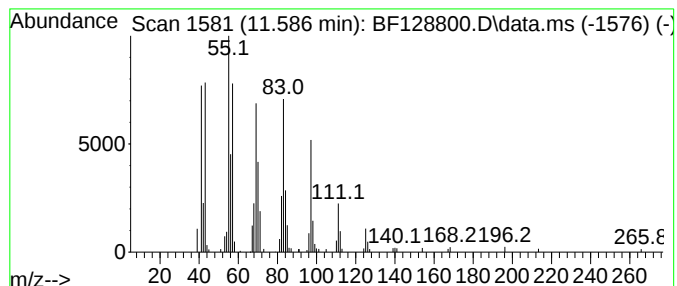
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Tetradecene Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.586 | 7.20 ng | 245698 | Phenanthrene-d10 | 11.310 |

| Hit# | of 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|------|------------------|-----|---------|-------------|------|
| 1    |      | 1-Tetradecene    | 196 | C14H28  | 001120-36-1 | 94   |
| 2    |      | Cyclotetradecane | 196 | C14H28  | 000295-17-0 | 94   |
| 3    |      | 1-Nonadecene     | 266 | C19H38  | 018435-45-5 | 93   |
| 4    |      | n-Tridecan-1-ol  | 200 | C13H28O | 000112-70-9 | 91   |
| 5    |      | n-Pentadecanol   | 228 | C15H32O | 000629-76-5 | 91   |



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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

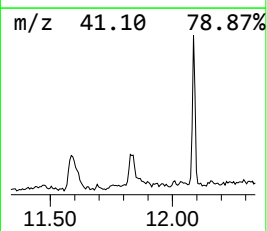
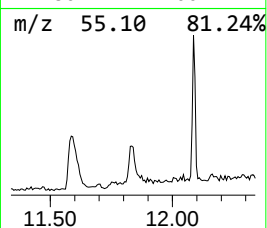
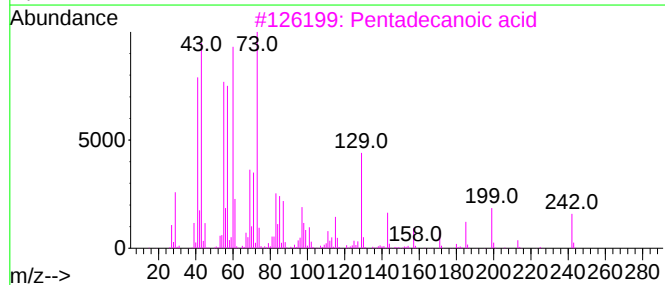
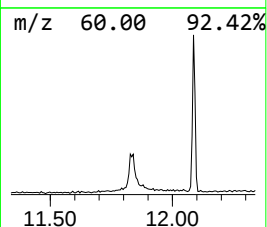
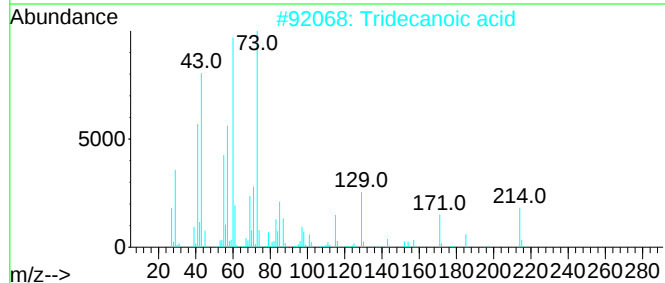
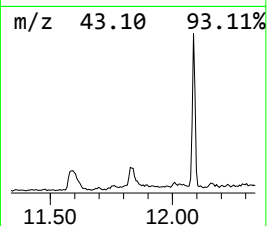
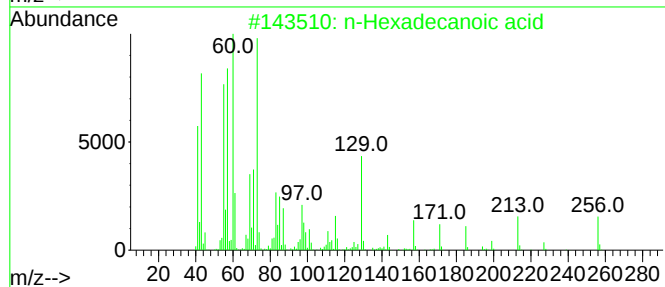
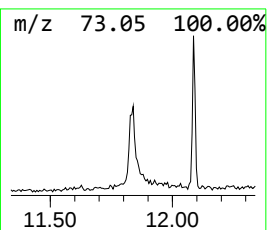
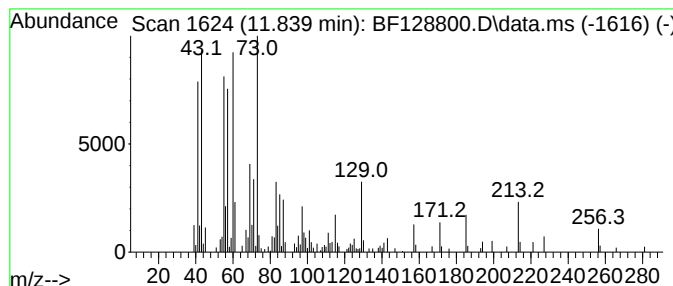
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 11

| R.T.      | EstConc             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|--------|------------------|----------|-------------|------|
| 11.839    | 7.17 ng             | 244583 | Phenanthrene-d10 |          | 11.310      |      |
| Hit# of 5 | Tentative ID        |        | MW               | MolForm  | CAS#        | Qual |
| 1         | n-Hexadecanoic acid |        | 256              | C16H32O2 | 000057-10-3 | 97   |
| 2         | Tridecanoic acid    |        | 214              | C13H26O2 | 000638-53-9 | 94   |
| 3         | Pentadecanoic acid  |        | 242              | C15H30O2 | 001002-84-2 | 68   |
| 4         | Tetradecanoic acid  |        | 228              | C14H28O2 | 000544-63-8 | 59   |
| 5         | Dodecanoic acid     |        | 200              | C12H24O2 | 000143-07-7 | 53   |



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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
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EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

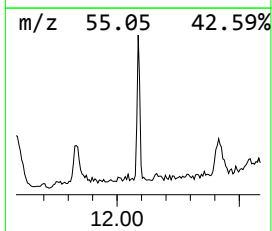
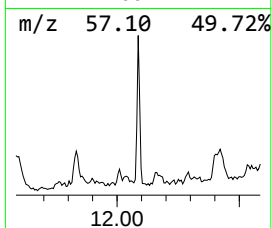
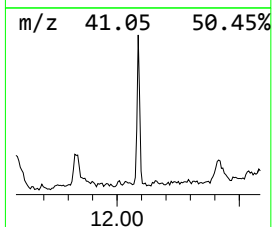
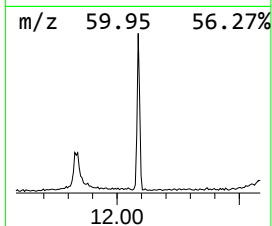
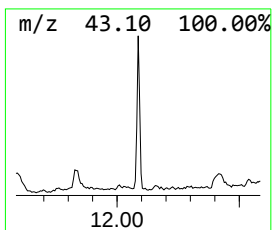
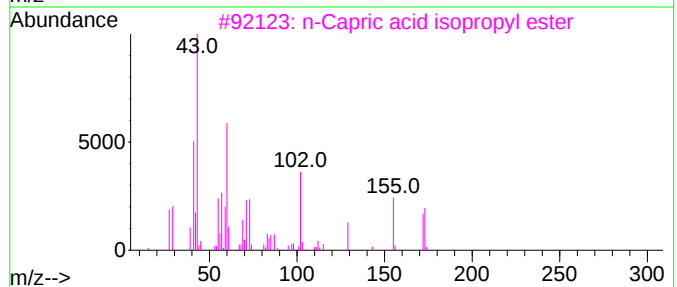
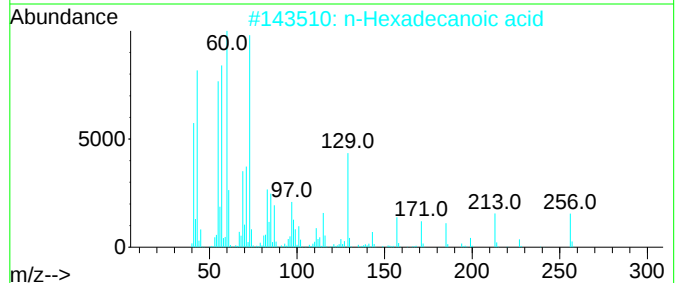
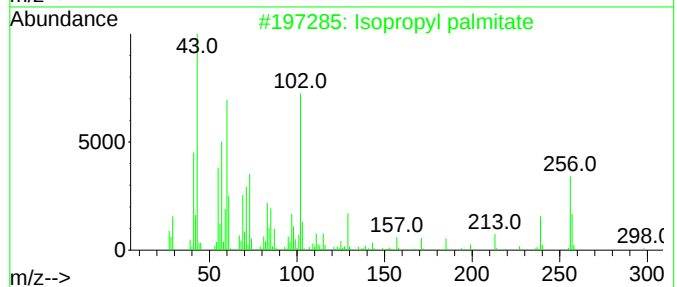
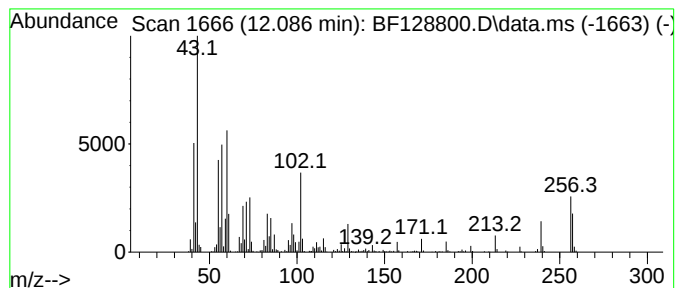
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Isopropyl palmitate Concentration Rank 5

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.086 | 13.17 ng | 449623 | Phenanthrene-d10 | 11.310 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Isopropyl palmitate                 | 298 | C19H38O2 | 000142-91-6  | 91   |
| 2    |      | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3  | 83   |
| 3    |      | n-Capric acid isopropyl ester       | 214 | C13H26O2 | 002311-59-3  | 52   |
| 4    |      | 8-Methylnonanoic acid, isopropyl... | 214 | C13H26O2 | 1000452-00-6 | 50   |
| 5    |      | Undecanoic acid                     | 186 | C11H22O2 | 000112-37-8  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

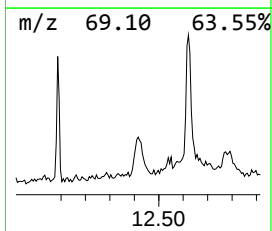
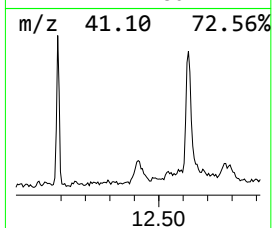
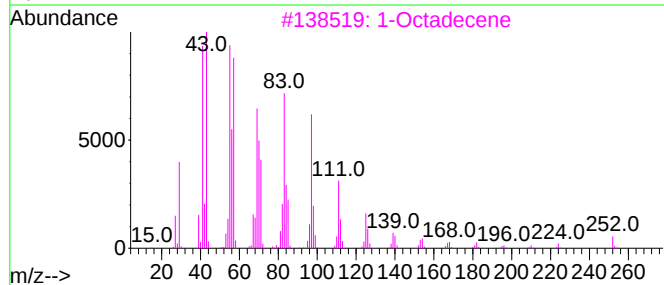
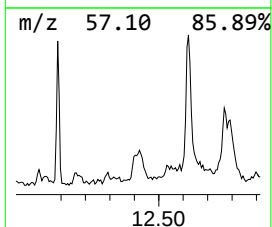
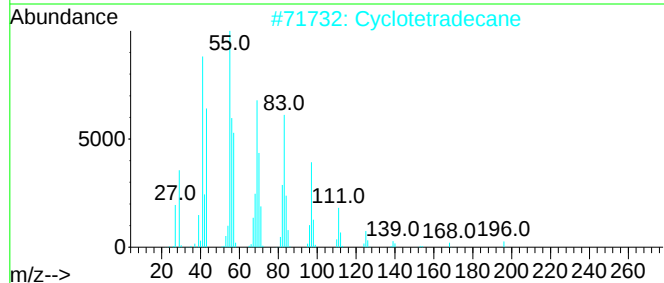
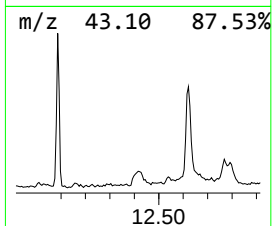
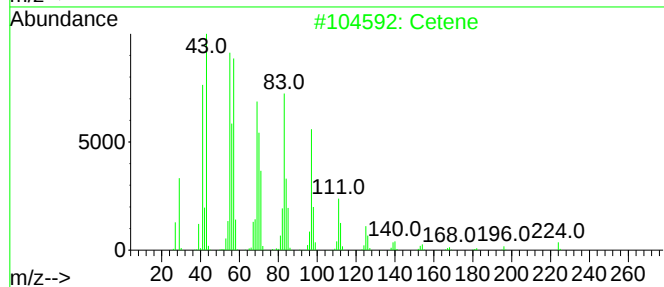
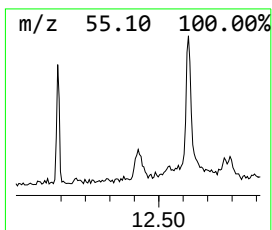
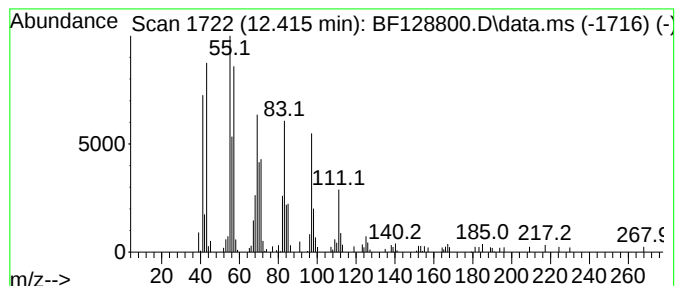
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Cetene Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.416 | 5.59 ng | 190684 | Phenanthrene-d10 | 11.310 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Cetene                              | 224 | C16H32      | 000629-73-2  | 96   |
| 2    |    |   | Cyclotetradecane                    | 196 | C14H28      | 000295-17-0  | 96   |
| 3    |    |   | 1-Octadecene                        | 252 | C18H36      | 000112-88-9  | 91   |
| 4    |    |   | Carbonic acid, hexadecyl 2,2,2-t... | 416 | C19H35Cl3O3 | 1000314-56-2 | 91   |
| 5    |    |   | 1-Docosene                          | 308 | C22H44      | 001599-67-3  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

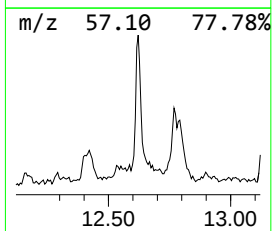
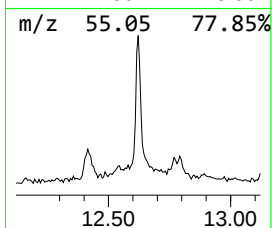
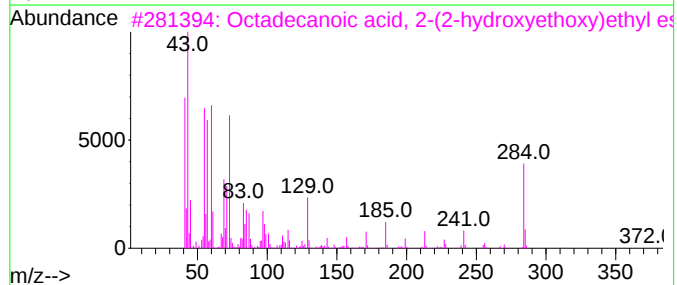
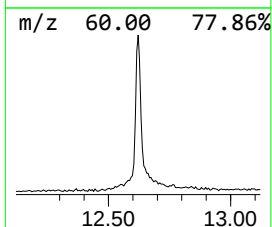
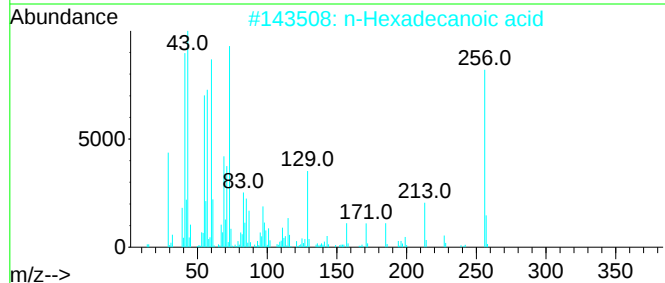
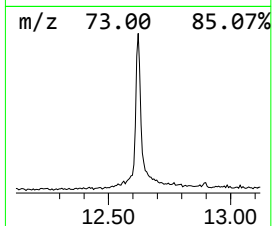
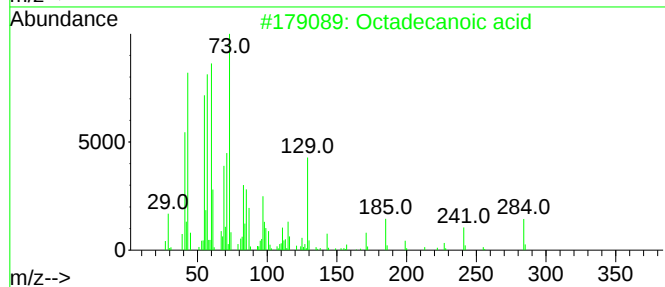
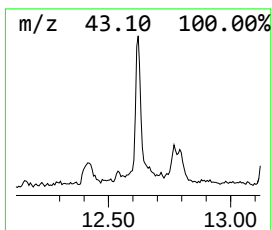
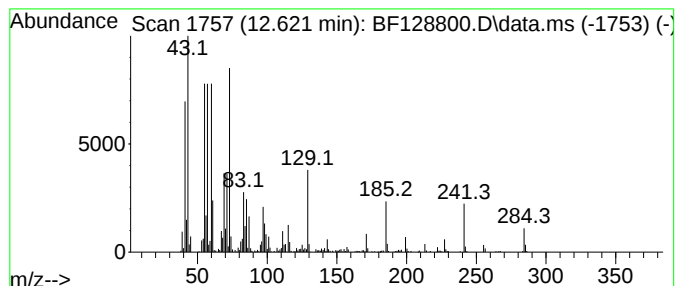
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Octadecanoic acid Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.621 | 21.54 ng | 735281 | Phenanthrene-d10 | 11.310 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |      | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 93   |
| 3    |      | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72   |
| 4    |      | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2 | 72   |
| 5    |      | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

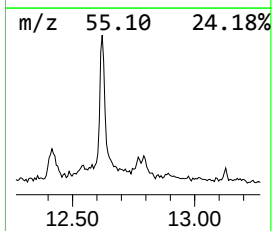
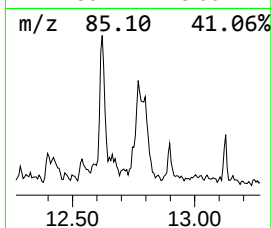
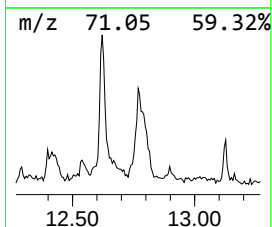
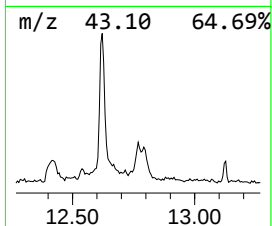
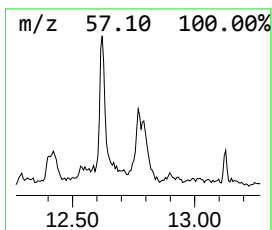
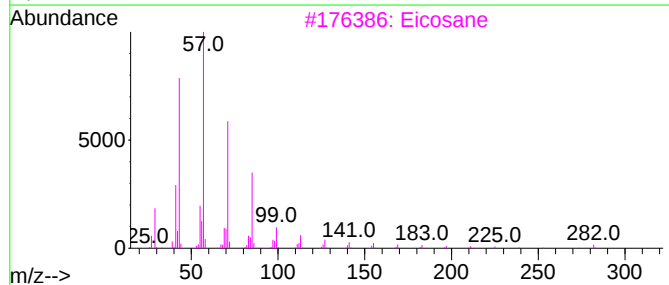
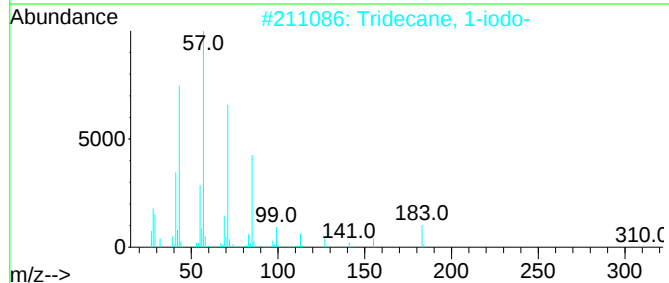
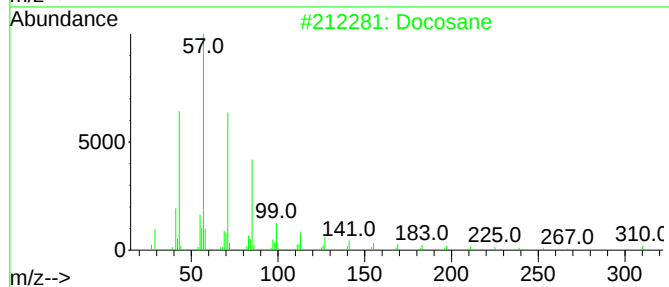
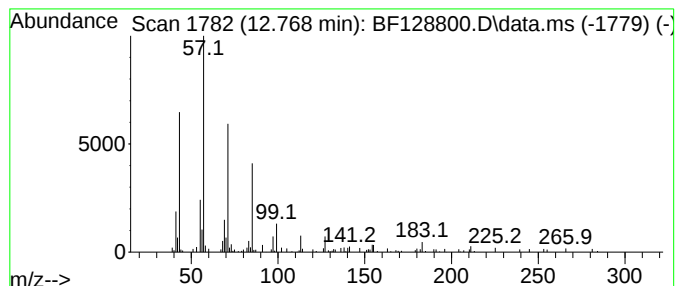
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Docosane Concentration Rank 17

| R.T.      | EstConc              | Area  | Relative to ISTD | R.T.        |      |
|-----------|----------------------|-------|------------------|-------------|------|
| 12.768    | 2.74 ng              | 66324 | Chrysene-d12     | 13.951      |      |
| Hit# of 5 | Tentative ID         | MW    | MolForm          | CAS#        | Qual |
| 1         | Docosane             | 310   | C22H46           | 000629-97-0 | 86   |
| 2         | Tridecane, 1-iodo-   | 310   | C13H27I          | 035599-77-0 | 80   |
| 3         | Eicosane             | 282   | C20H42           | 000112-95-8 | 72   |
| 4         | Tetradecane, 1-iodo- | 324   | C14H29I          | 019218-94-1 | 72   |
| 5         | Heptadecane          | 240   | C17H36           | 000629-78-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

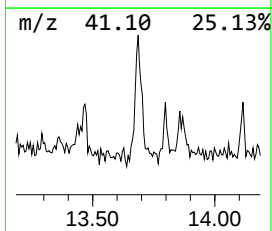
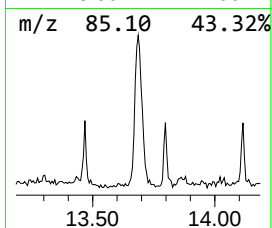
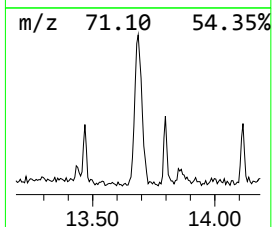
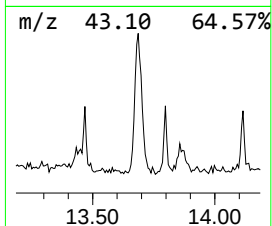
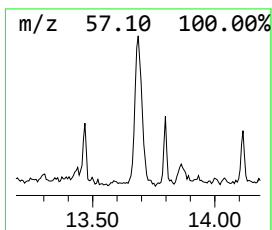
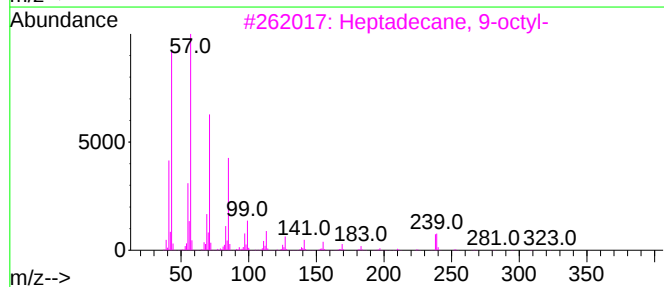
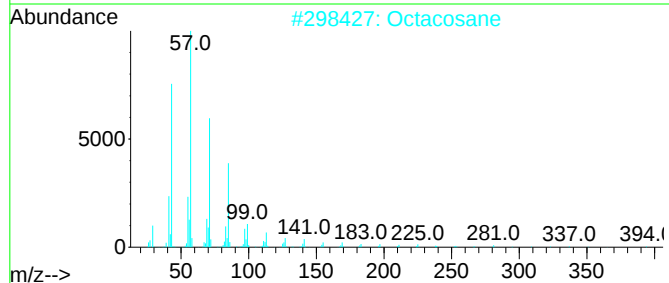
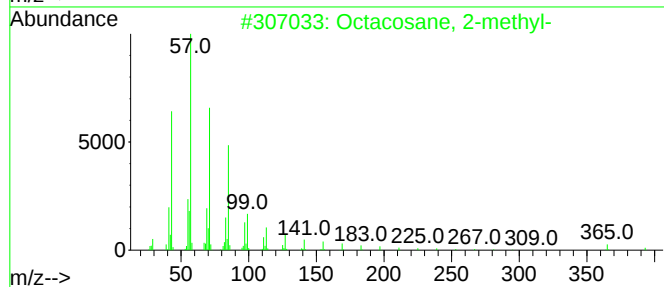
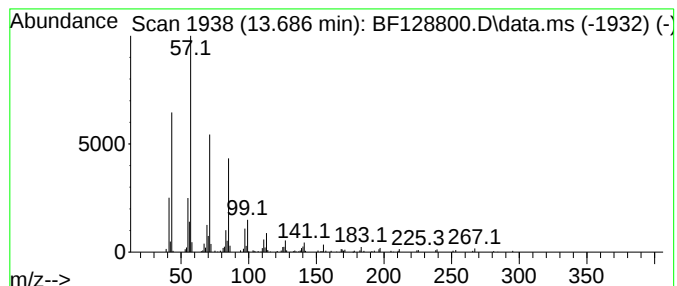
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Octacosane, 2-methyl- Concentration Rank 6

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.686 | 10.99 ng | 265876 | Chrysene-d12     | 13.951 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 2    |      | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 4    |      | Eicosane              | 282 | C20H42  | 000112-95-8 | 90   |
| 5    |      | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

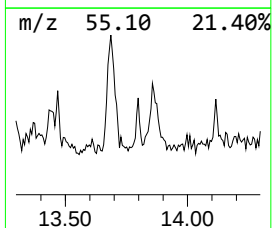
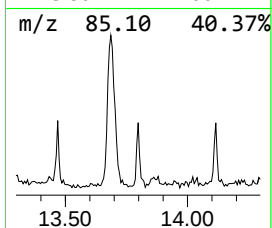
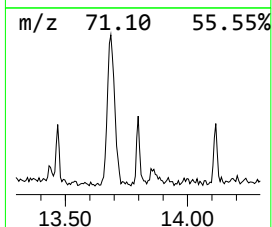
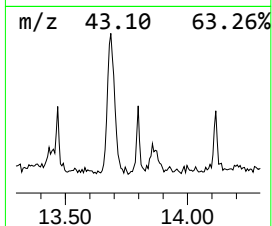
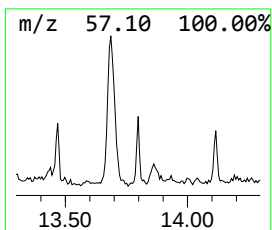
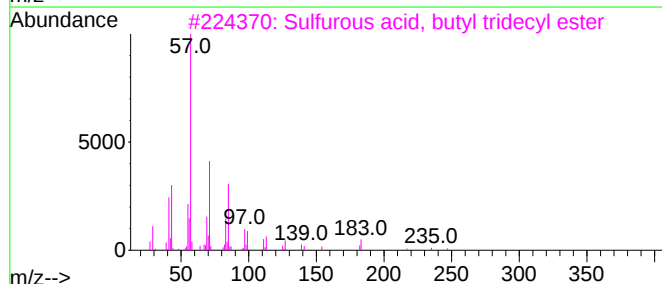
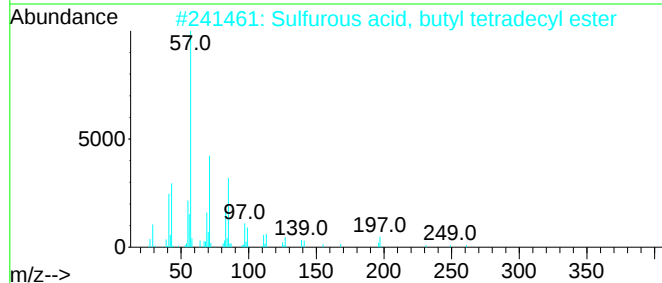
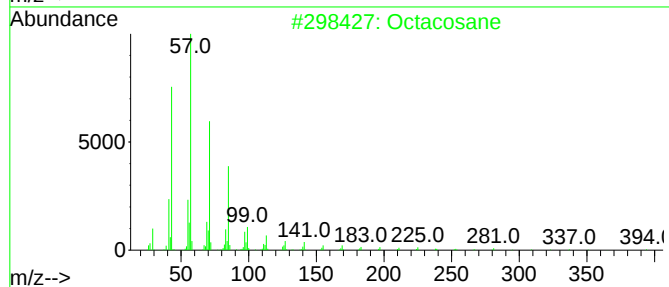
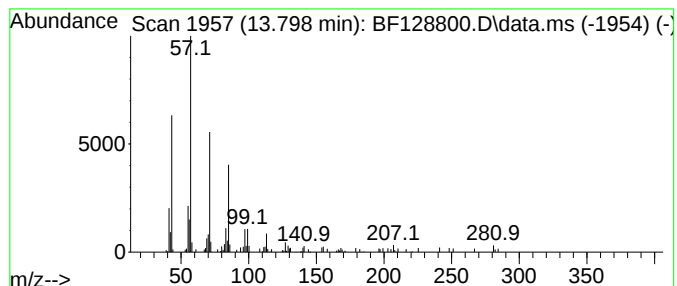
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Octacosane Concentration Rank 18

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 13.798 | 2.32 ng | 56078 | Chrysene-d12     | 13.951 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octacosane                          | 394 | C28H58    | 000630-02-4  | 87   |
| 2    |    |   | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1010309-18-1 | 86   |
| 3    |    |   | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 86   |
| 4    |    |   | 2-Bromotetradecane                  | 276 | C14H29Br  | 074036-95-6  | 80   |
| 5    |    |   | 2-Bromo dodecane                    | 248 | C12H25Br  | 013187-99-0  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

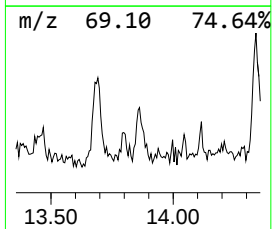
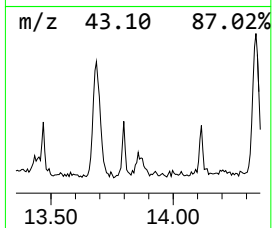
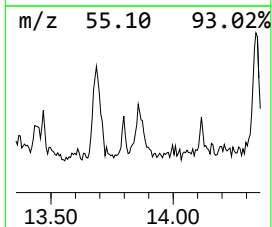
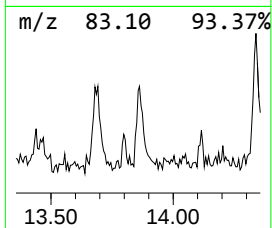
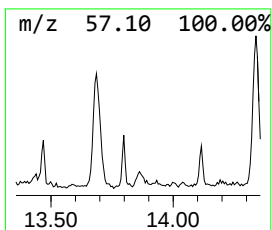
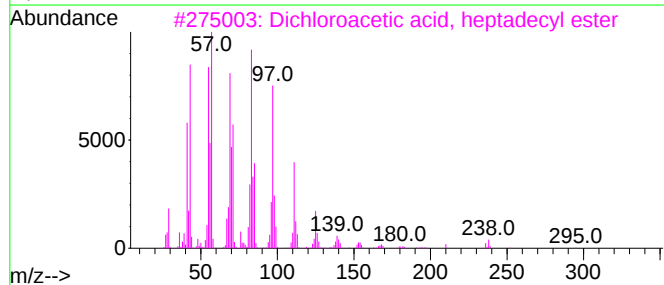
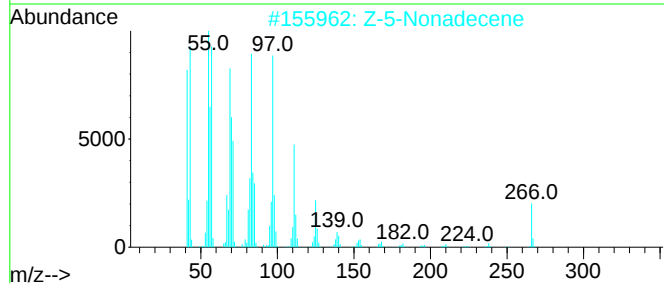
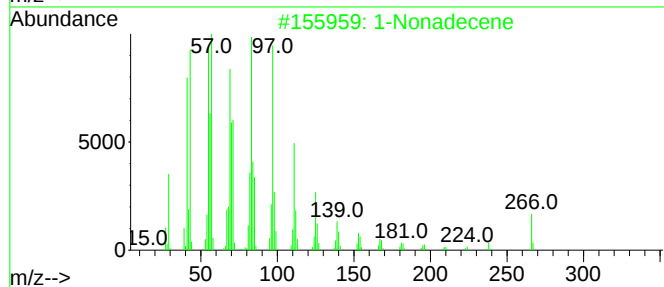
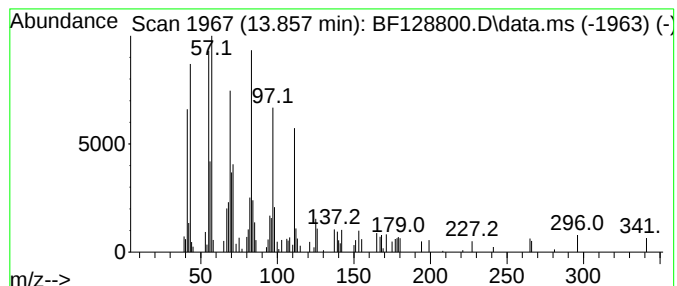
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 1-Nonadecene Concentration Rank 16

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 13.857    | 2.91 ng                             | 70461 | Chrysene-d12     | 13.951       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | 1-Nonadecene                        | 266   | C19H38           | 018435-45-5  | 94   |
| 2         | Z-5-Nonadecene                      | 266   | C19H38           | 1000131-11-8 | 93   |
| 3         | Dichloroacetic acid, heptadecyl ... | 366   | C19H36Cl2O2      | 1000282-98-2 | 90   |
| 4         | Trifluoroacetoxy hexadecane         | 338   | C18H33F3O2       | 006222-03-3  | 81   |
| 5         | Pentafluoropropionic acid, penta... | 374   | C18H31F5O2       | 959092-08-1  | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
EW-WMR-COMP-1

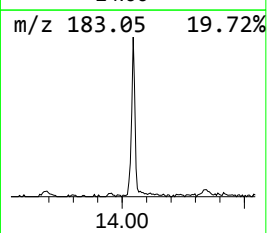
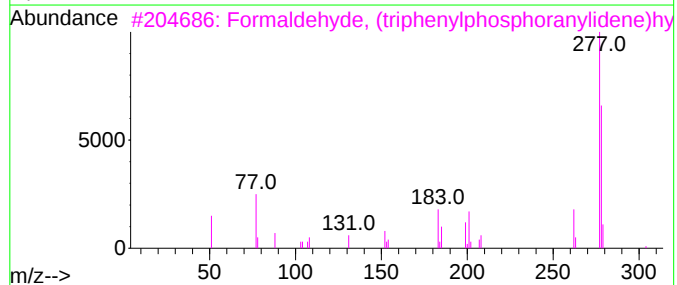
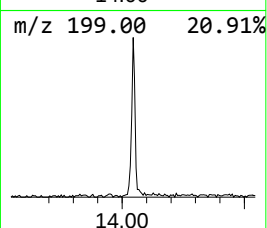
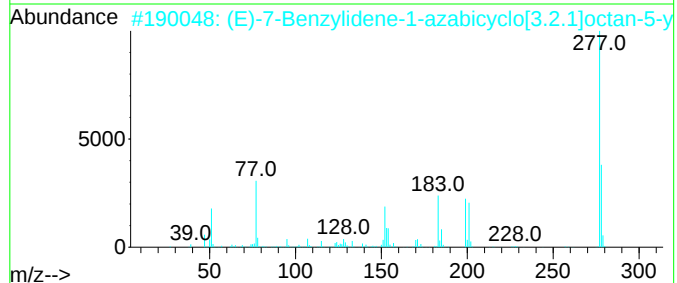
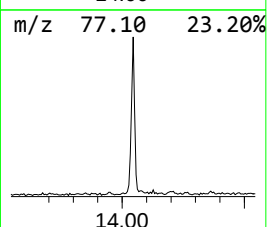
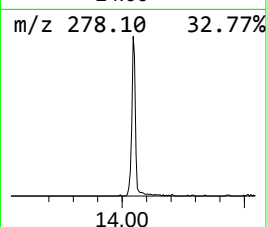
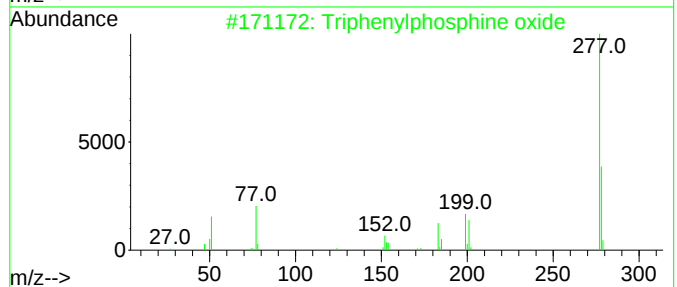
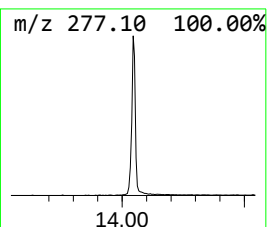
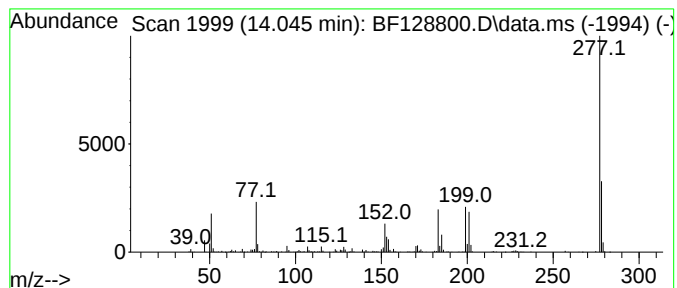
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Triphenylphosphine oxide Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.045 | 14.29 ng | 345619 | Chrysene-d12     | 13.951 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP   | 000791-28-6  | 97   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S | 1000483-83-4 | 76   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...] | 304 | C19H17N2P  | 015990-54-2  | 50   |
| 4    |    |   | Cobalt,(.eta.<5>-2,4-cyclopentad...  | 277 | C16H15BCo  | 036682-12-9  | 25   |
| 5    |    |   | Vanadium, cycloheptatrienyl-(pen...  | 277 | C17H22V    | 1000155-20-5 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

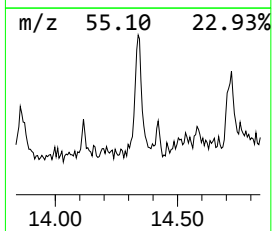
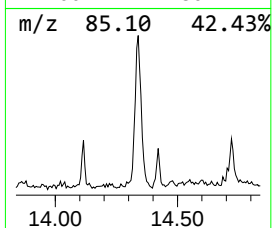
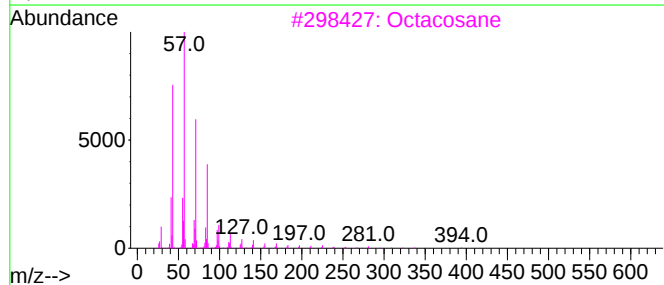
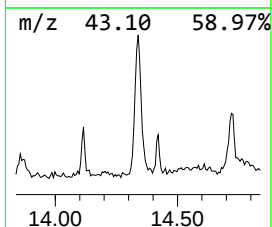
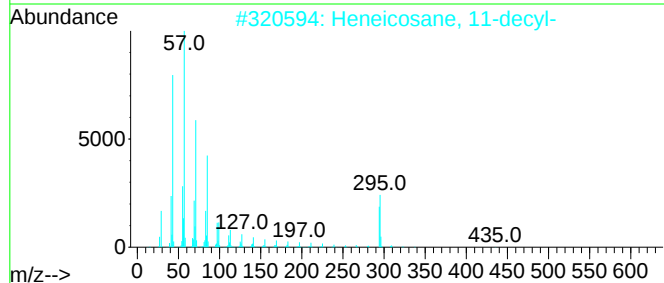
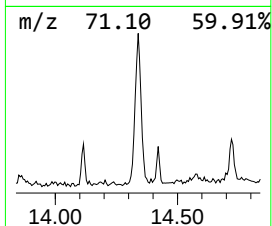
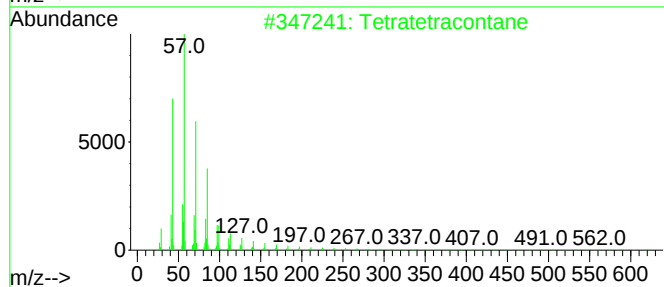
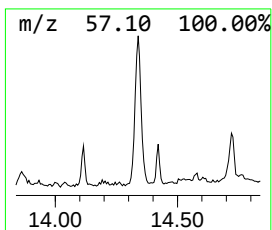
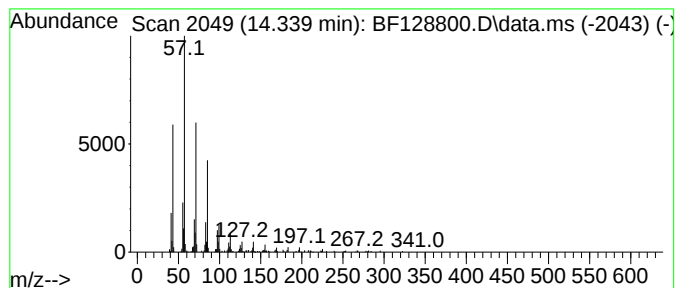
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Tetratetracontane Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.339 | 14.74 ng | 356696 | Chrysene-d12     | 13.951 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetratetracontane      | 619 | C44H90  | 007098-22-8 | 91   |
| 2    |    |   | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 91   |
| 3    |    |   | Octacosane             | 394 | C28H58  | 000630-02-4 | 91   |
| 4    |    |   | Heptacosane            | 380 | C27H56  | 000593-49-7 | 91   |
| 5    |    |   | Pentacosane            | 352 | C25H52  | 000629-99-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

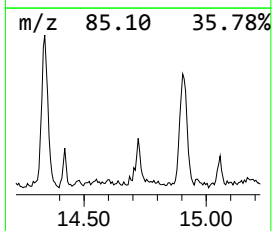
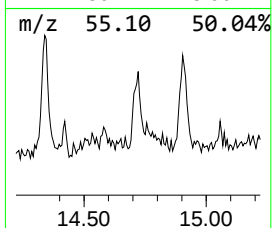
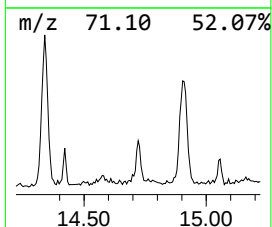
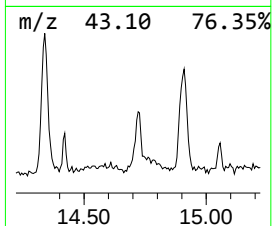
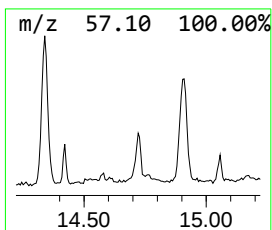
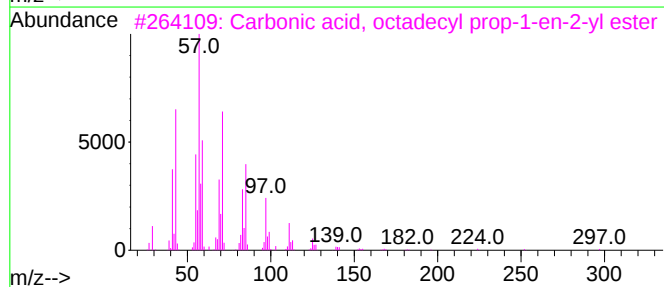
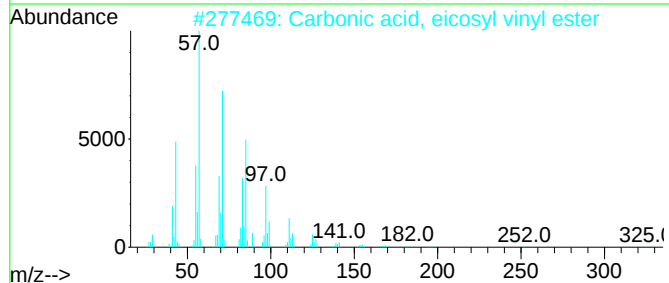
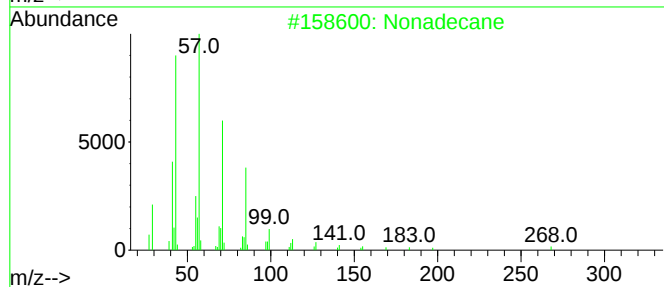
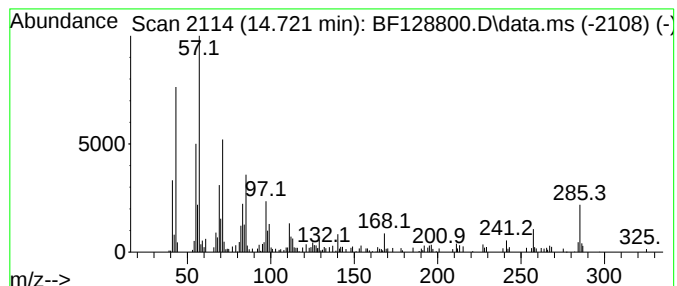
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Nonadecane Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.721 | 7.40 ng | 179315 | Perylene-d12     | 15.403 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonadecane                          | 268 | C19H40   | 000629-92-5  | 89   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 64   |
| 3    |    |   | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 64   |
| 4    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 64   |
| 5    |    |   | Carbonic acid, decyl tridecyl ester | 384 | C24H48O3 | 1000383-16-2 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

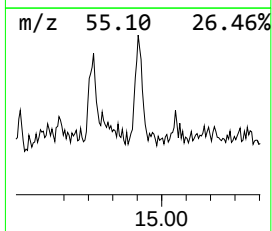
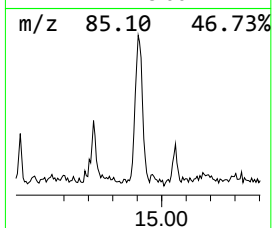
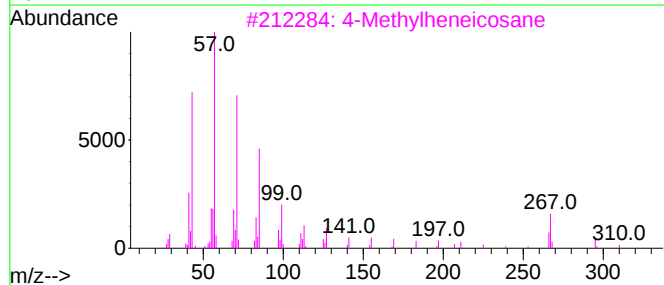
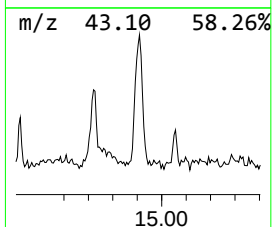
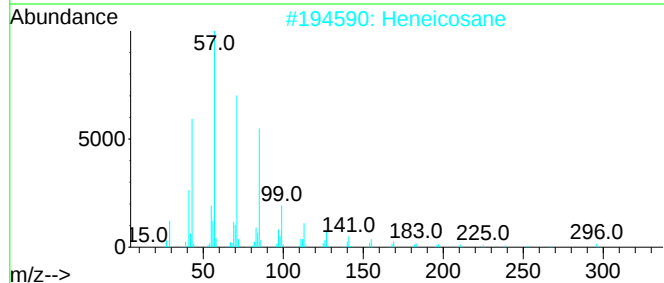
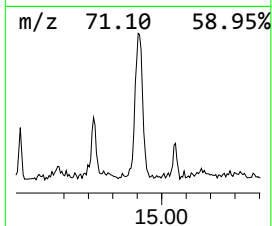
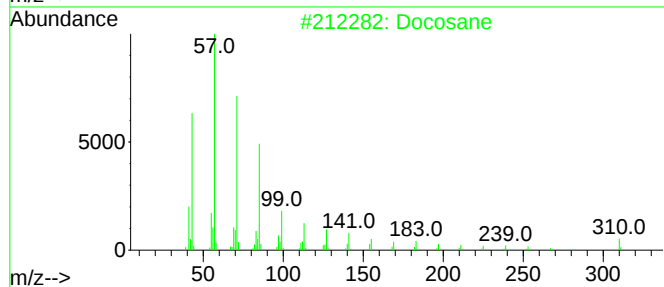
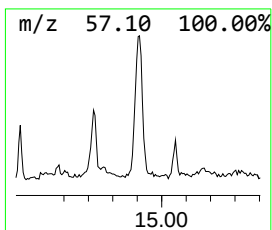
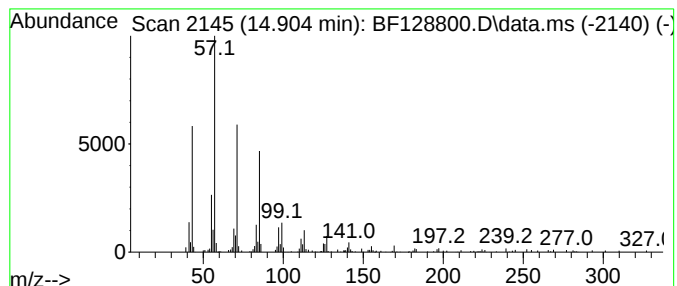
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Heneicosane Concentration Rank 7

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.903 | 10.52 ng | 254999 | Perylene-d12     | 15.403 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Docosane               | 310 | C22H46  | 000629-97-0  | 93   |
| 2    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7  | 90   |
| 3    |    |   | 4-Methylheneicosane    | 310 | C22H46  | 025117-29-7  | 87   |
| 4    |    |   | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 87   |
| 5    |    |   | Hexacosane             | 366 | C26H54  | 000630-01-3  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

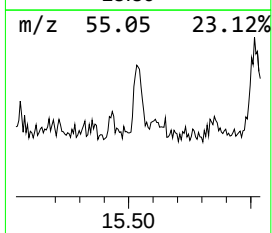
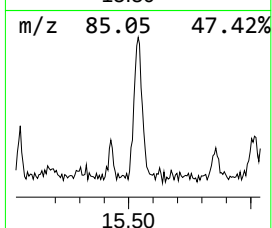
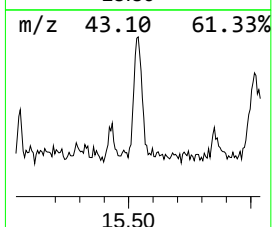
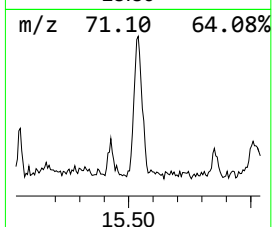
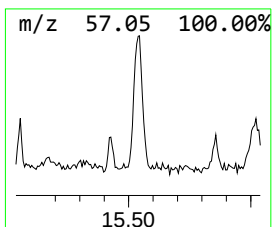
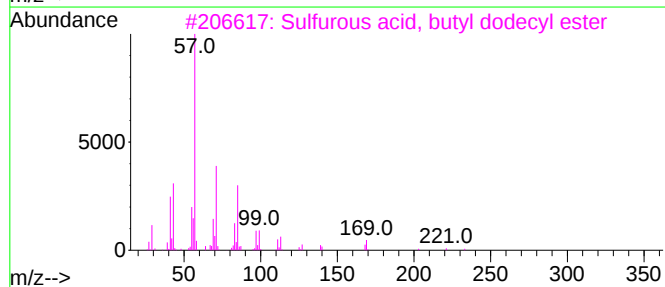
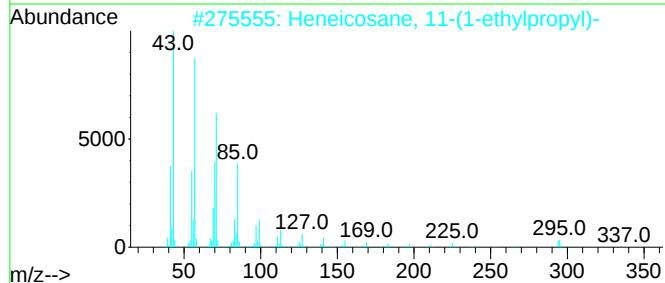
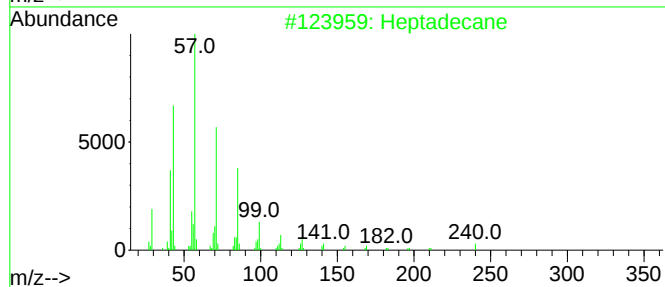
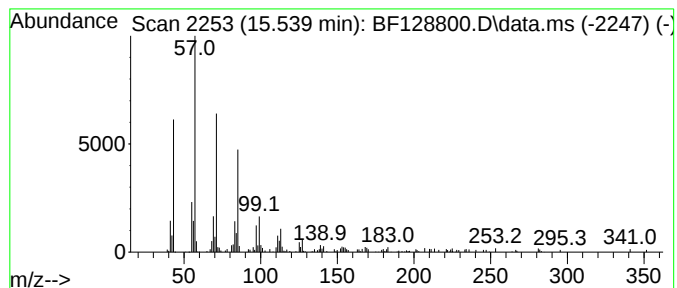
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TIC Integration Parameters: LSCINT.P

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Peak Number 15 Heptadecane Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.539 | 7.75 ng | 187954 | Perylene-d12     | 15.403 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Heptadecane                         | 240 | C17H36    | 000629-78-7  | 87   |
| 2    |      | Heneicosane, 11-(1-ethylpropyl)-    | 366 | C26H54    | 055282-11-6  | 87   |
| 3    |      | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 87   |
| 4    |      | Tetracosane                         | 338 | C24H50    | 000646-31-1  | 86   |
| 5    |      | Tricosane, 2-methyl-                | 338 | C24H50    | 001928-30-9  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

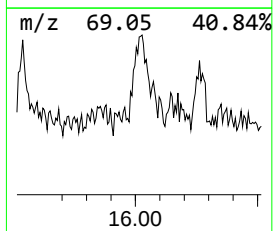
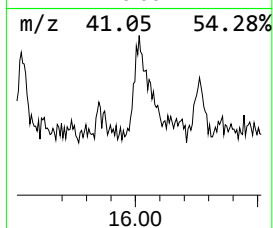
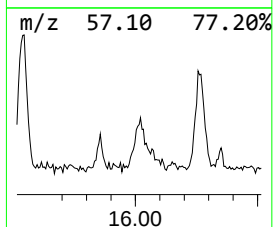
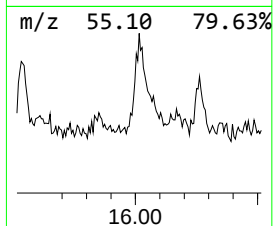
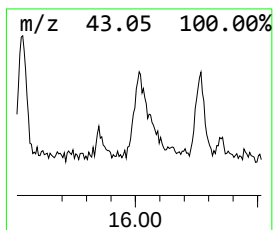
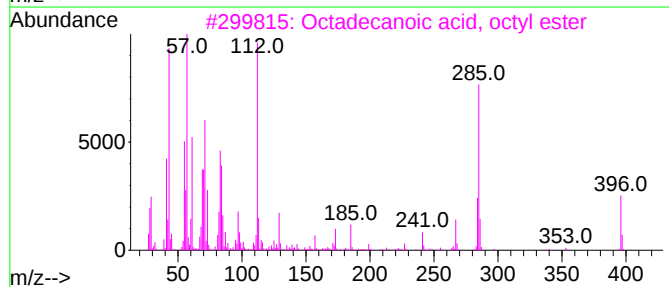
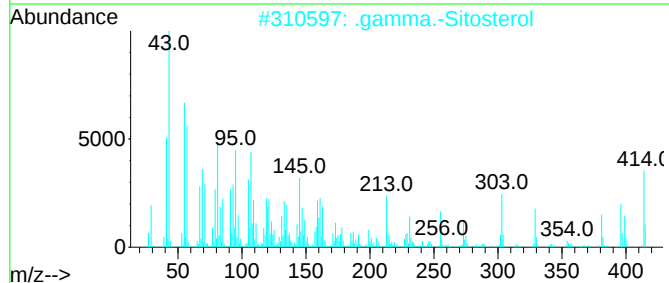
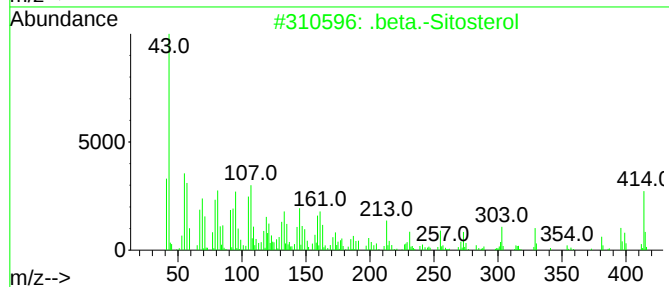
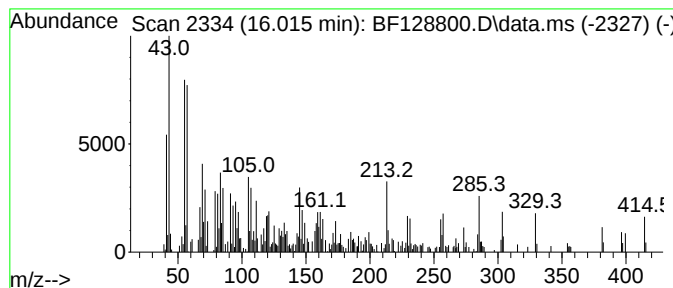
Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.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 16 .beta.-Sitosterol Concentration Rank 1

| R.T.   | EstConc  | Area                                | Relative to ISTD | R.T.            |
|--------|----------|-------------------------------------|------------------|-----------------|
| 16.015 | 21.96 ng | 532527                              | Perylene-d12     | 15.403          |
| Hit#   | of 5     | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1      |          | .beta.-Sitosterol                   | 414 C29H50O      | 000083-46-5 90  |
| 2      |          | .gamma.-Sitosterol                  | 414 C29H50O      | 000083-47-6 90  |
| 3      |          | Octadecanoic acid, octyl ester      | 396 C26H52O2     | 000109-36-4 45  |
| 4      |          | Cholest-5-ene, 3-ethoxy-, (3.bet... | 414 C29H50O      | 000986-19-6 45  |
| 5      |          | 17-(1,5-Dimethylhexyl)-10,13-dim... | 414 C29H50O      | 1000210-86-9 44 |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

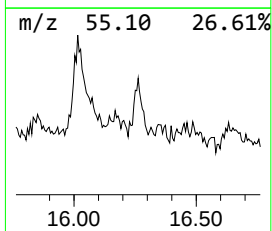
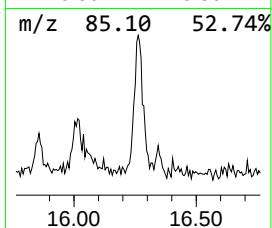
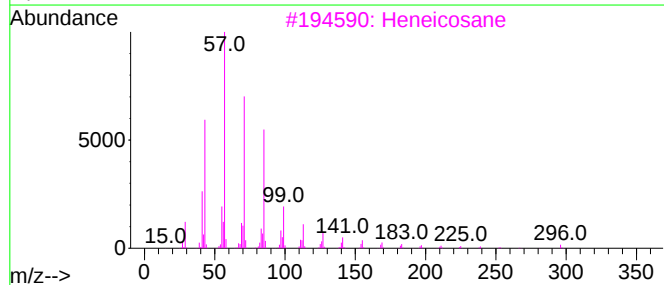
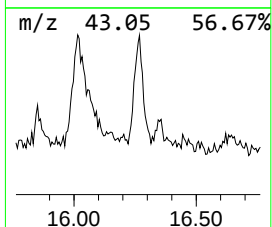
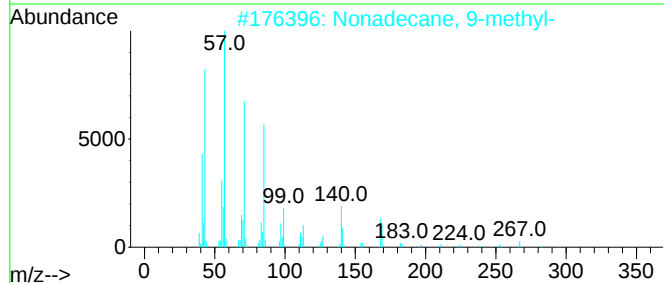
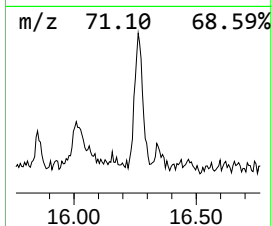
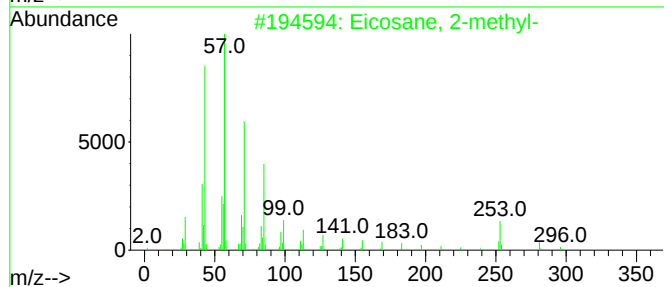
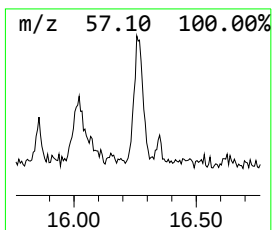
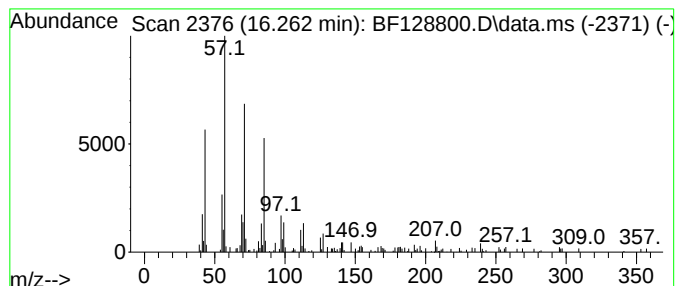
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Eicosane, 2-methyl- Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.262 | 5.82 ng | 141044 | Perylene-d12     | 15.403 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane, 2-methyl-   | 296 | C21H44  | 001560-84-5 | 93   |
| 2    |    |   | Nonadecane, 9-methyl- | 282 | C20H42  | 013287-24-6 | 91   |
| 3    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |    |   | Heptadecane           | 240 | C17H36  | 000629-78-7 | 90   |
| 5    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
Data File : BF128800.D  
Acq On : 14 Jun 2022 15:16  
Operator : CG\JU  
Sample : N3327-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

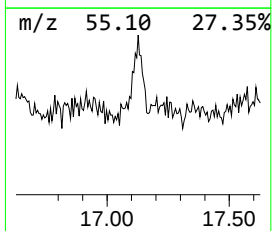
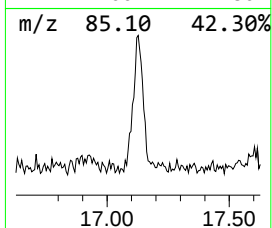
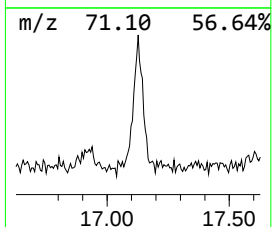
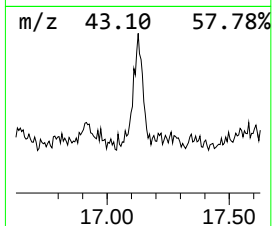
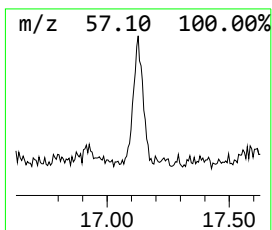
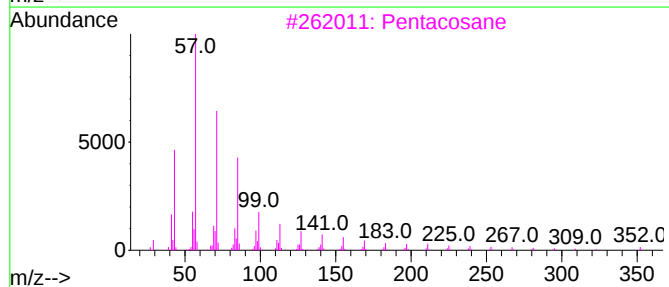
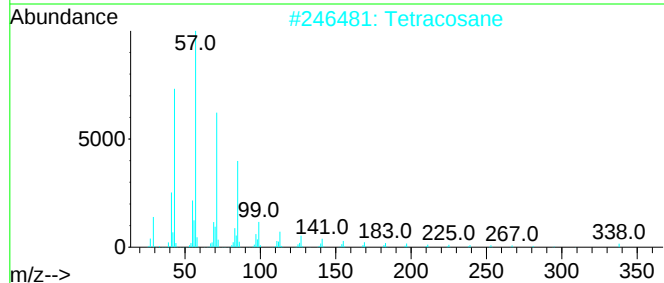
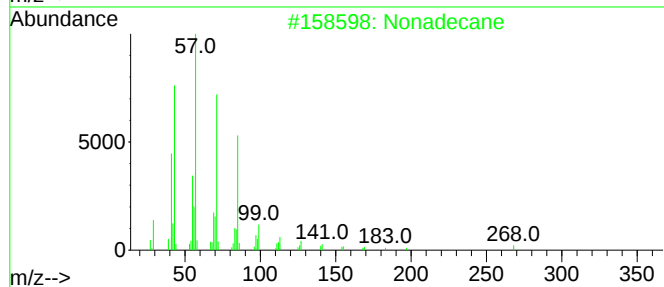
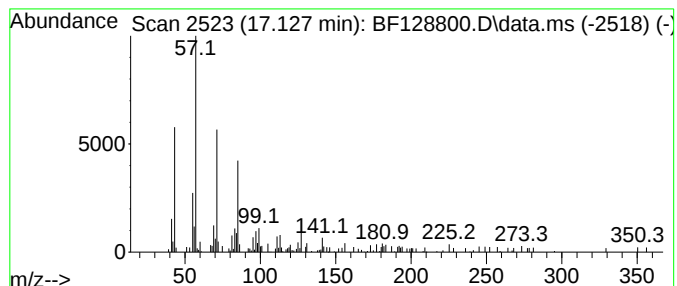
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Peak Number 18 Tetracosane Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.127 | 5.37 ng | 130216 | Perylene-d12     | 15.403 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------|-----|---------|-------------|------|
| 1    |      | Nonadecane          | 268 | C19H40  | 000629-92-5 | 91   |
| 2    |      | Tetracosane         | 338 | C24H50  | 000646-31-1 | 87   |
| 3    |      | Pentacosane         | 352 | C25H52  | 000629-99-2 | 86   |
| 4    |      | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 80   |
| 5    |      | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061422\  
 Data File : BF128800.D  
 Acq On : 14 Jun 2022 15:16  
 Operator : CG\JU  
 Sample : N3327-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EW-WMR-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.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 |
| 2-Pentanone, 4-... | 4.987  | 4.3     | ng    | 96382    | 1                     | 6.781  | 446202 | 20.0 |
| 1-Tetradecene      | 11.586 | 7.2     | ng    | 245698   | 4                     | 11.310 | 682681 | 20.0 |
| n-Hexadecanoic ... | 11.839 | 7.2     | ng    | 244583   | 4                     | 11.310 | 682681 | 20.0 |
| Isopropyl palmi... | 12.086 | 13.2    | ng    | 449623   | 4                     | 11.310 | 682681 | 20.0 |
| Cetene             | 12.416 | 5.6     | ng    | 190684   | 4                     | 11.310 | 682681 | 20.0 |
| Octadecanoic acid  | 12.621 | 21.5    | ng    | 735281   | 4                     | 11.310 | 682681 | 20.0 |
| Docosane           | 12.768 | 2.7     | ng    | 66324    | 5                     | 13.951 | 483855 | 20.0 |
| Octacosane, 2-m... | 13.686 | 11.0    | ng    | 265876   | 5                     | 13.951 | 483855 | 20.0 |
| Octacosane         | 13.798 | 2.3     | ng    | 56078    | 5                     | 13.951 | 483855 | 20.0 |
| 1-Nonadecene       | 13.857 | 2.9     | ng    | 70461    | 5                     | 13.951 | 483855 | 20.0 |
| Triphenylphosph... | 14.045 | 14.3    | ng    | 345619   | 5                     | 13.951 | 483855 | 20.0 |
| Tetratetracontane  | 14.339 | 14.7    | ng    | 356696   | 5                     | 13.951 | 483855 | 20.0 |
| Nonadecane         | 14.721 | 7.4     | ng    | 179315   | 6                     | 15.403 | 484954 | 20.0 |
| Heneicosane        | 14.903 | 10.5    | ng    | 254999   | 6                     | 15.403 | 484954 | 20.0 |
| Heptadecane        | 15.539 | 7.8     | ng    | 187954   | 6                     | 15.403 | 484954 | 20.0 |
| .beta.-Sitosterol  | 16.015 | 22.0    | ng    | 532527   | 6                     | 15.403 | 484954 | 20.0 |
| Eicosane, 2-met... | 16.262 | 5.8     | ng    | 141044   | 6                     | 15.403 | 484954 | 20.0 |
| Tetracosane        | 17.127 | 5.4     | ng    | 130216   | 6                     | 15.403 | 484954 | 20.0 |