

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
 Data File : BF133206.D  
 Acq On : 03 May 2023 14:37  
 Operator : CG\JU  
 Sample : 02583-07  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CF-27

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133206.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         | 5.340       | 549           | 553         | 583          | rVB      | 2456743        | 3744666       | 81.40%          | 9.096%        |
| 2         | 6.369       | 723           | 728         | 731          | rBV      | 3805360        | 3671563       | 79.81%          | 8.919%        |
| 3         | 6.728       | 786           | 789         | 792          | rBV      | 1549027        | 1161795       | 25.25%          | 2.822%        |
| 4         | 7.292       | 880           | 885         | 888          | rBV      | 2808877        | 2413956       | 52.47%          | 5.864%        |
| 5         | 8.010       | 1004          | 1007        | 1011         | rBV      | 1874419        | 1586866       | 34.49%          | 3.855%        |
| 6         | 9.092       | 1187          | 1191        | 1194         | rBV      | 4705219        | 4185431       | 90.98%          | 10.167%       |
| 7         | 9.763       | 1302          | 1305        | 1309         | rBV      | 2128802        | 1722395       | 37.44%          | 4.184%        |
| 8         | 10.475      | 1423          | 1426        | 1430         | rBV      | 435624         | 348035        | 7.57%           | 0.845%        |
| 9         | 10.551      | 1435          | 1439        | 1454         | rBV      | 840610         | 813571        | 17.68%          | 1.976%        |
| 10        | 11.204      | 1545          | 1550        | 1554         | rVV      | 165293         | 191264        | 4.16%           | 0.465%        |
| 11        | 11.245      | 1554          | 1557        | 1560         | rVV      | 1970725        | 1638465       | 35.61%          | 3.980%        |
| 12        | 11.269      | 1560          | 1561        | 1565         | rVB      | 245054         | 129899        | 2.82%           | 0.316%        |
| 13        | 11.322      | 1567          | 1570        | 1573         | rVB      | 63552          | 56395         | 1.23%           | 0.137%        |
| 14        | 11.551      | 1603          | 1609        | 1616         | rVB      | 119844         | 168109        | 3.65%           | 0.408%        |
| 15        | 11.639      | 1621          | 1624        | 1630         | rVB      | 112906         | 124162        | 2.70%           | 0.302%        |
| 16        | 11.775      | 1639          | 1647        | 1659         | rBV3     | 560655         | 1013828       | 22.04%          | 2.463%        |
| 17        | 12.045      | 1688          | 1693        | 1704         | rVB      | 419343         | 592583        | 12.88%          | 1.439%        |
| 18        | 12.363      | 1741          | 1747        | 1754         | rVB      | 275511         | 359802        | 7.82%           | 0.874%        |
| 19        | 12.427      | 1754          | 1758        | 1761         | rBV      | 180618         | 247047        | 5.37%           | 0.600%        |
| 20        | 12.457      | 1761          | 1763        | 1766         | rVB      | 243356         | 189696        | 4.12%           | 0.461%        |
| 21        | 12.557      | 1776          | 1780        | 1794         | rVB      | 446801         | 781548        | 16.99%          | 1.898%        |
| 22        | 12.680      | 1794          | 1801        | 1805         | rVB      | 199695         | 240840        | 5.23%           | 0.585%        |
| 23        | 12.833      | 1823          | 1827        | 1830         | rBV      | 3706391        | 3191463       | 69.37%          | 7.753%        |
| 24        | 13.074      | 1865          | 1868        | 1871         | rBV2     | 67799          | 63465         | 1.38%           | 0.154%        |
| 25        | 13.416      | 1924          | 1926        | 1929         | rBV      | 59246          | 52621         | 1.14%           | 0.128%        |
| 26        | 13.745      | 1979          | 1982        | 1985         | rBV      | 88692          | 77841         | 1.69%           | 0.189%        |
| 27        | 13.798      | 1985          | 1991        | 2000         | rVV6     | 82762          | 275433        | 5.99%           | 0.669%        |
| 28        | 13.880      | 2000          | 2005        | 2008         | rVV      | 1241472        | 1219053       | 26.50%          | 2.961%        |
| 29        | 13.904      | 2008          | 2009        | 2012         | rVB      | 95934          | 56056         | 1.22%           | 0.136%        |
| 30        | 14.063      | 2033          | 2036        | 2040         | rVB2     | 83758          | 75476         | 1.64%           | 0.183%        |
| 31        | 14.363      | 2085          | 2087        | 2090         | rVB      | 100333         | 87183         | 1.90%           | 0.212%        |
| 32        | 14.457      | 2097          | 2103        | 2105         | rBV5     | 124230         | 265818        | 5.78%           | 0.646%        |
| 33        | 14.551      | 2113          | 2119        | 2134         | rVB2     | 728504         | 2420360       | 52.61%          | 5.879%        |
| 34        | 14.663      | 2136          | 2138        | 2146         | rVB      | 147396         | 155264        | 3.37%           | 0.377%        |
| 35        | 14.904      | 2174          | 2179        | 2181         | rBV3     | 183465         | 340313        | 7.40%           | 0.827%        |
| 36        | 14.986      | 2191          | 2193        | 2201         | rVB2     | 179780         | 218927        | 4.76%           | 0.532%        |

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Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

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-BF042123.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.239 | 2233 | 2236 | 2240 | rBV  | 73529   | 88951   | 1.93%   | 0.216%  |
| 38 | 15.304 | 2242 | 2247 | 2250 | rVV  | 1009919 | 1180526 | 25.66%  | 2.868%  |
| 39 | 15.345 | 2252 | 2254 | 2261 | rVB  | 137011  | 156781  | 3.41%   | 0.381%  |
| 40 | 16.698 | 2480 | 2484 | 2497 | rVB  | 411359  | 1258744 | 27.36%  | 3.058%  |
| 41 | 18.115 | 2715 | 2725 | 2754 | rVB2 | 910511  | 4600588 | 100.00% | 11.175% |

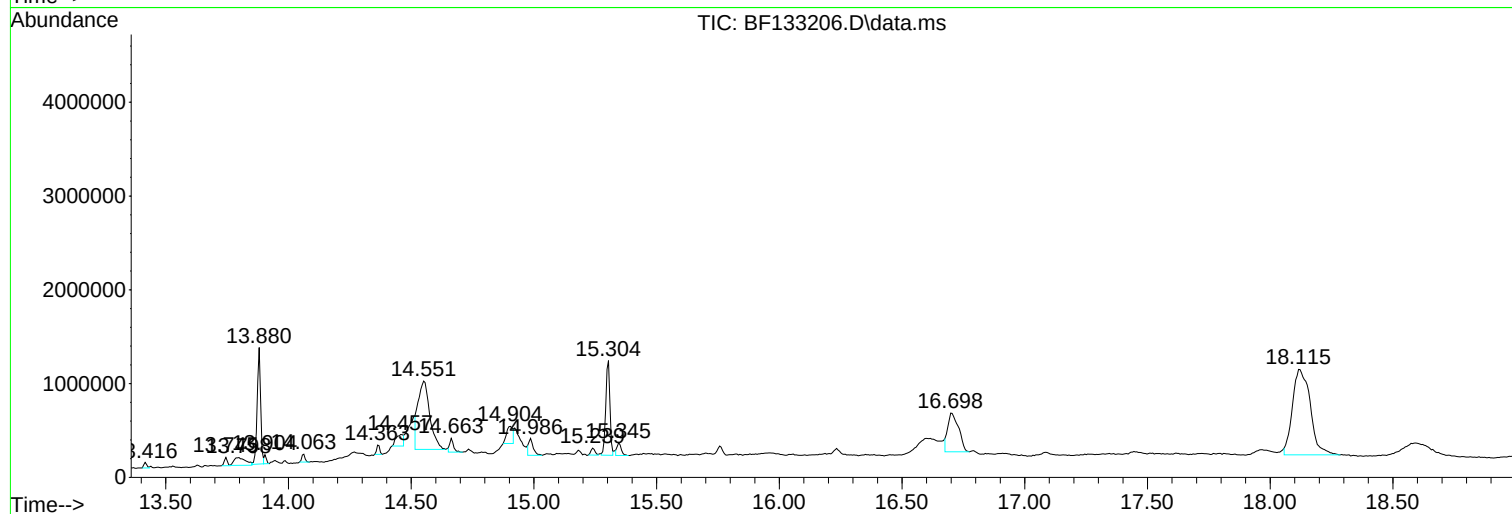
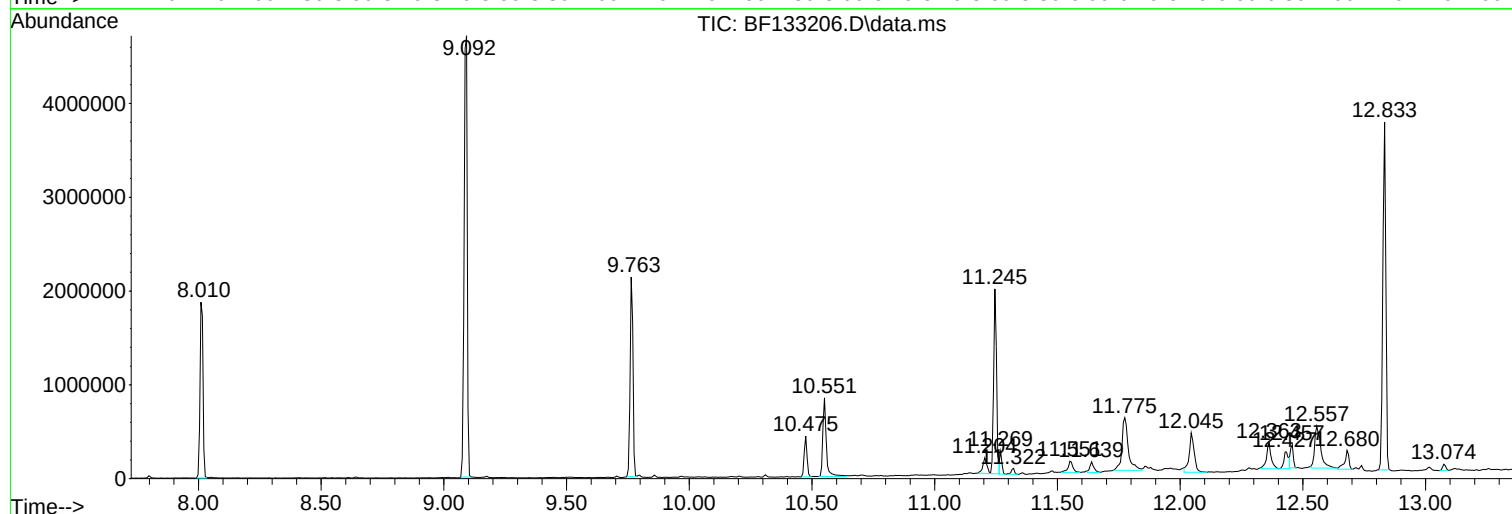
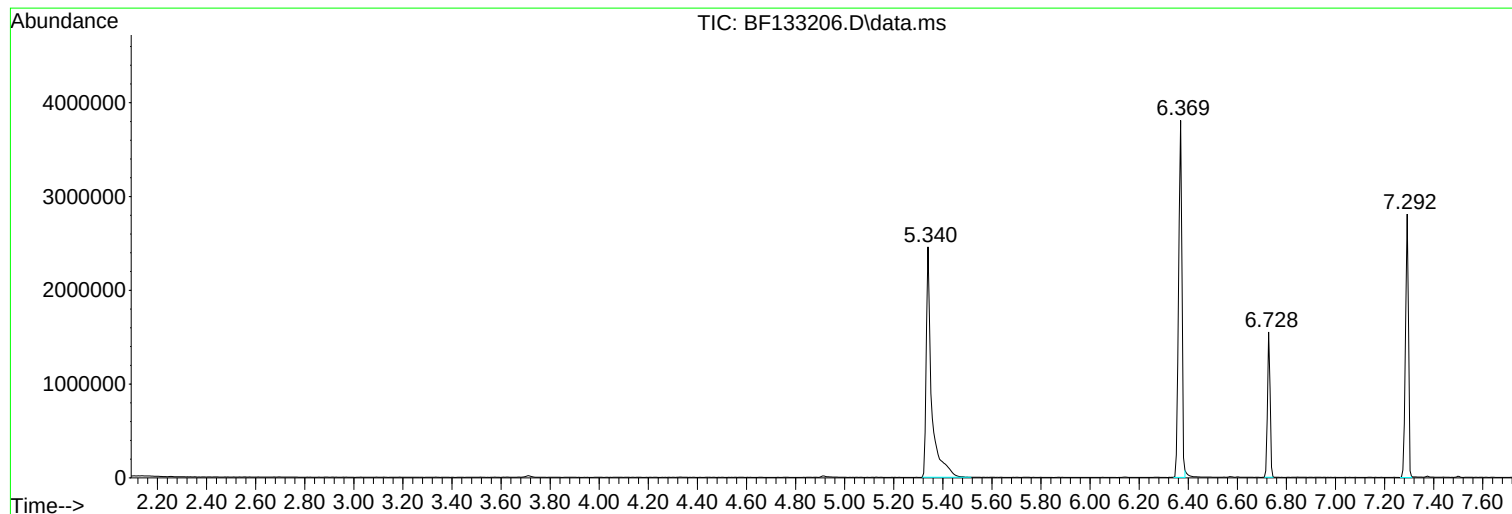
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BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

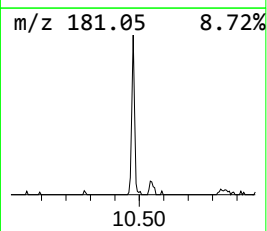
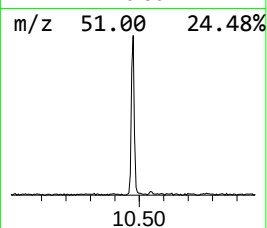
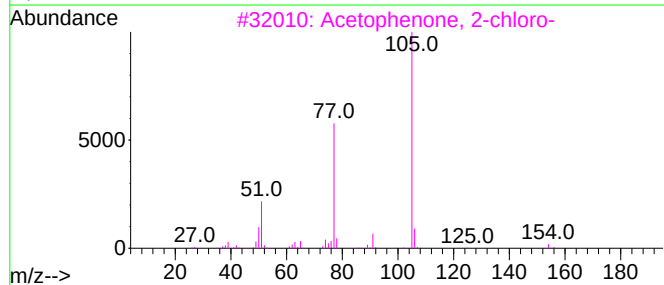
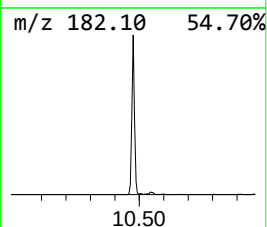
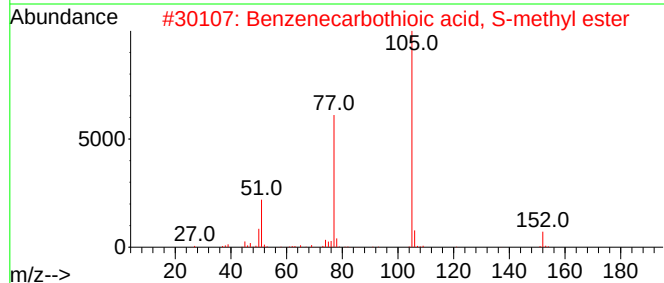
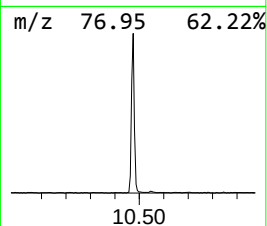
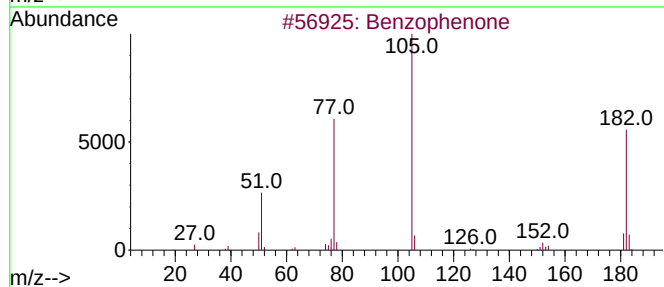
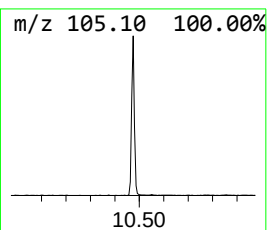
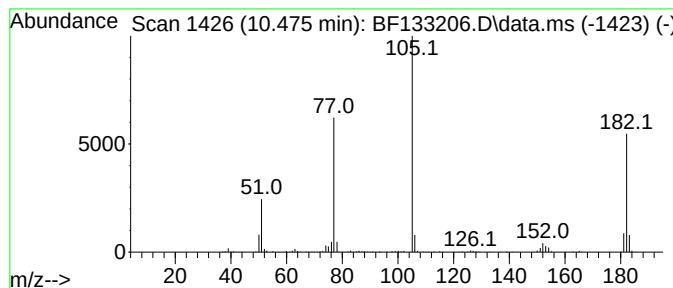
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.475 | 4.04 ng | 348035 | Acenaphthene-d10 | 9.763 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9  | 96   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS    | 005925-68-8  | 50   |
| 3    |    |   | Acetophenone, 2-chloro-             | 154 | C8H7ClO   | 000532-27-4  | 49   |
| 4    |    |   | acetic acid, 2-bromo-, 2-oxo-2-p... | 256 | C10H9BrO3 | 1000401-50-0 | 47   |
| 5    |    |   | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O  | 1000296-76-9 | 47   |



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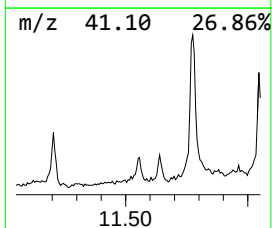
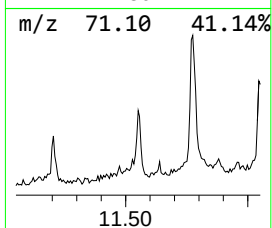
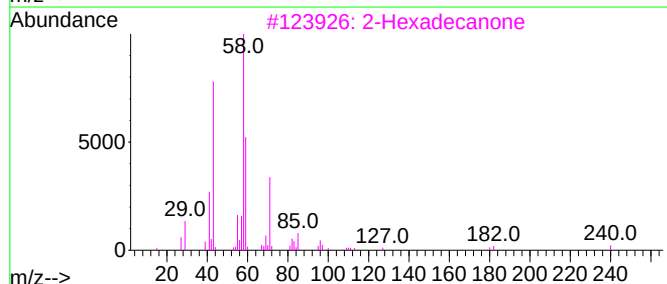
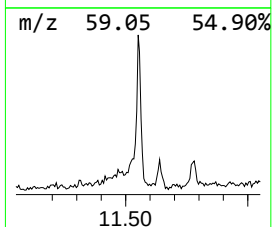
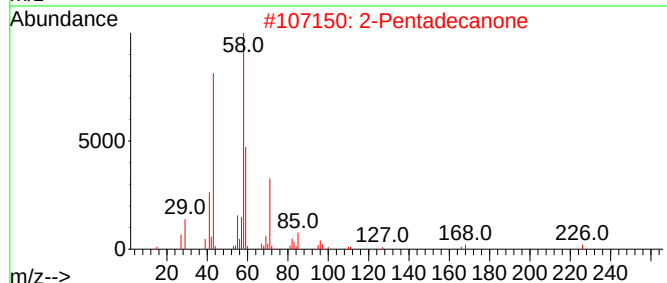
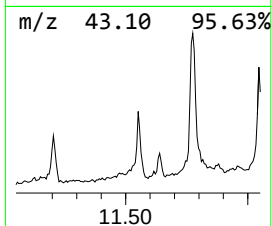
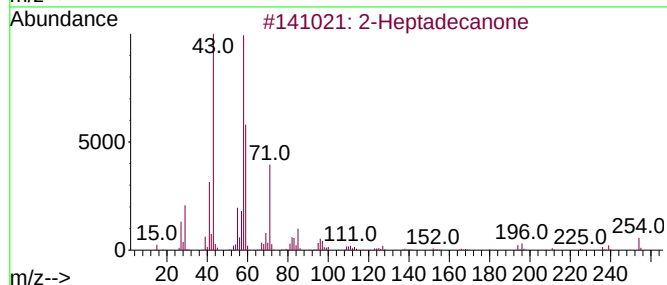
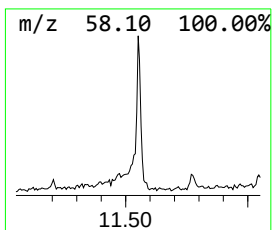
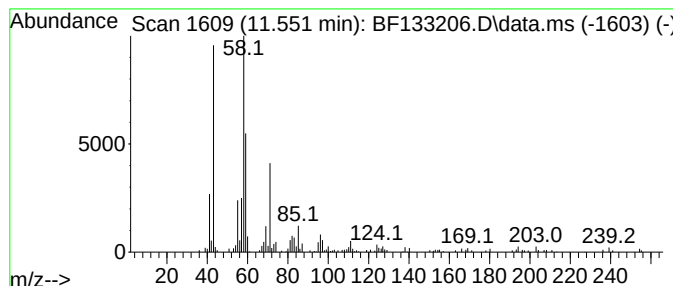
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 2-Heptadecanone Concentration Rank 14

| R.T.      | EstConc         | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------|--------|------------------|---------|-------------|------|
| 11.551    | 2.05 ng         | 168109 | Phenanthrene-d10 |         | 11.245      |      |
| Hit# of 5 | Tentative ID    |        | MW               | MolForm | CAS#        | Qual |
| 1         | 2-Heptadecanone |        | 254              | C17H34O | 002922-51-2 | 91   |
| 2         | 2-Pentadecanone |        | 226              | C15H30O | 002345-28-0 | 86   |
| 3         | 2-Hexadecanone  |        | 240              | C16H32O | 018787-63-8 | 86   |
| 4         | 2-Tetradecanone |        | 212              | C14H28O | 002345-27-9 | 86   |
| 5         | 2-Tridecanone   |        | 198              | C13H26O | 000593-08-8 | 78   |



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Misc :  
ALS Vial : 8 Sample Multiplier: 1

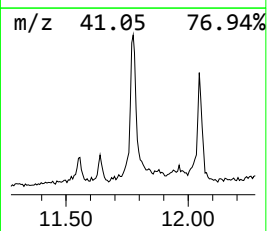
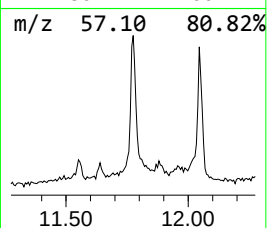
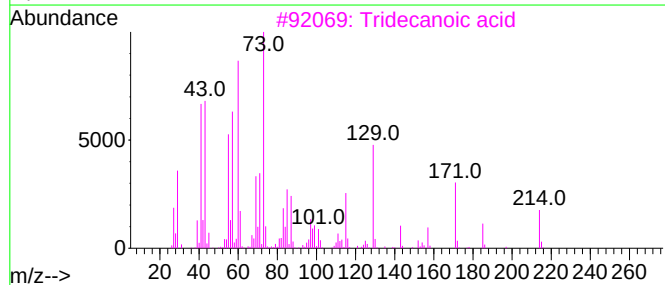
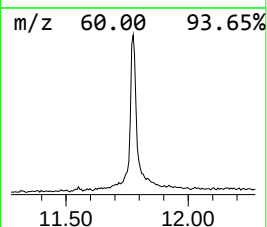
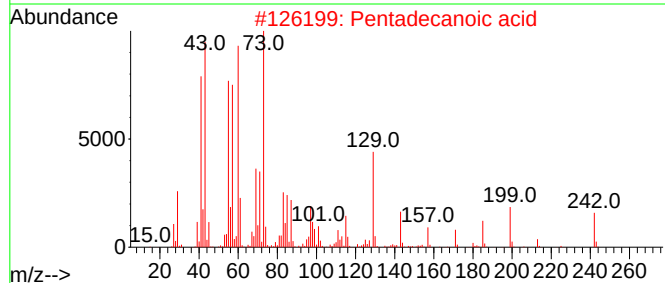
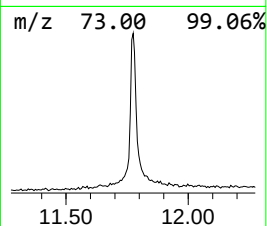
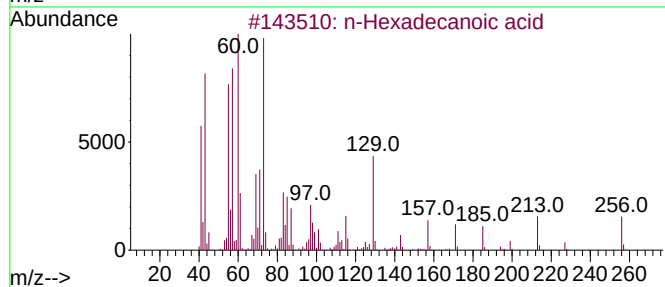
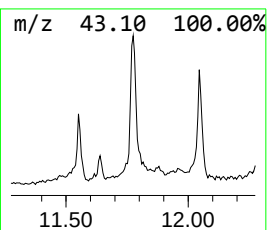
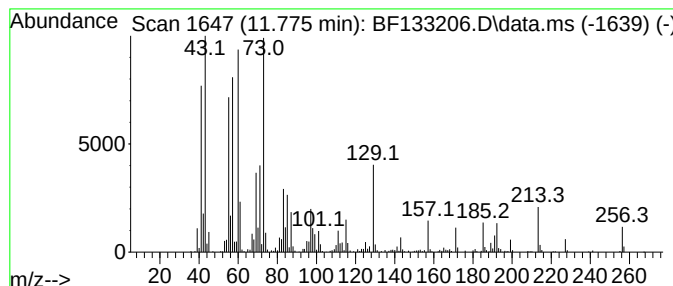
Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.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 4

| R.T.      | EstConc             | Area    | Relative to ISTD | R.T.        |      |
|-----------|---------------------|---------|------------------|-------------|------|
| 11.775    | 12.38 ng            | 1013830 | Phenanthrene-d10 | 11.245      |      |
| Hit# of 5 | Tentative ID        | MW      | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 99   |
| 2         | Pentadecanoic acid  | 242     | C15H30O2         | 001002-84-2 | 91   |
| 3         | Tridecanoic acid    | 214     | C13H26O2         | 000638-53-9 | 91   |
| 4         | Tetradecanoic acid  | 228     | C14H28O2         | 000544-63-8 | 74   |
| 5         | n-Decanoic acid     | 172     | C10H20O2         | 000334-48-5 | 70   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

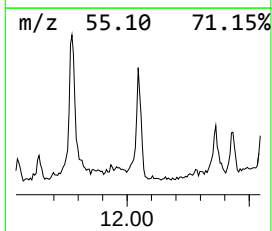
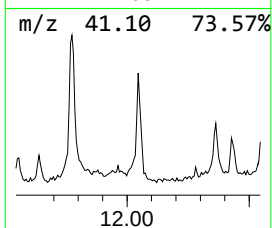
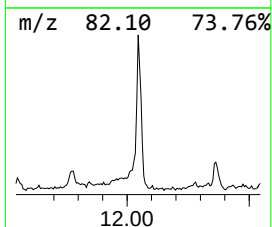
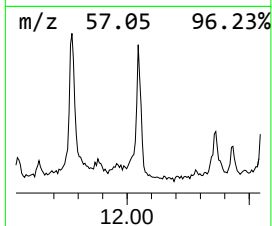
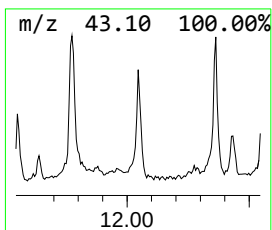
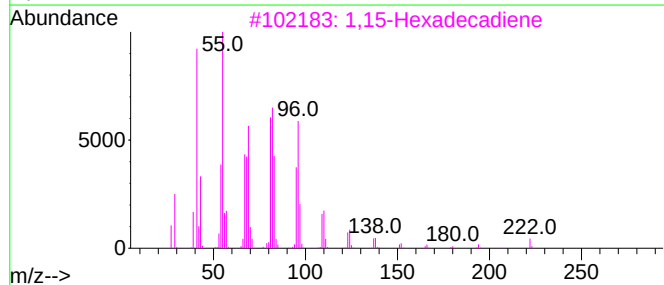
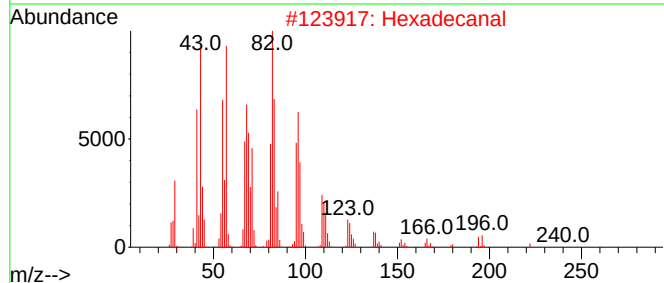
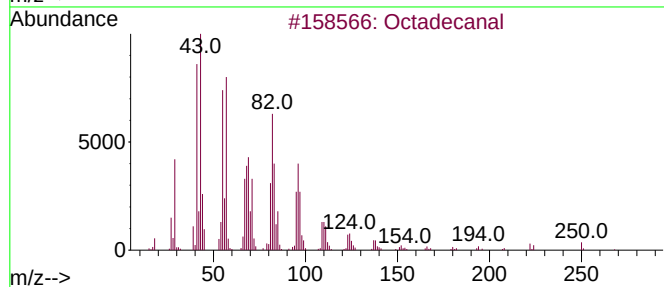
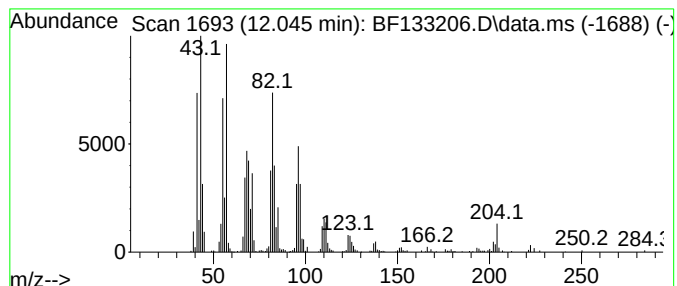
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Octadecanal Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.045 | 7.23 ng | 592583 | Phenanthrene-d10 | 11.245 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecanal        | 268 | C18H36O | 000638-66-4 | 94   |
| 2    |    |   | Hexadecanal        | 240 | C16H32O | 000629-80-1 | 91   |
| 3    |    |   | 1,15-Hexadecadiene | 222 | C16H30  | 021964-51-2 | 90   |
| 4    |    |   | E-7-Tetradecenol   | 212 | C14H28O | 037011-95-3 | 89   |
| 5    |    |   | 17-Octadecenol     | 266 | C18H34O | 056554-86-0 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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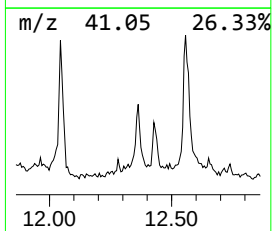
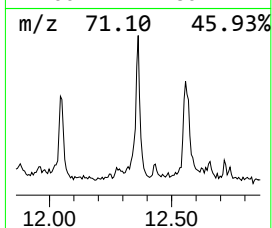
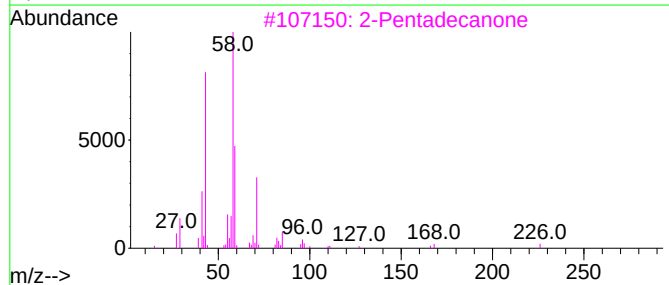
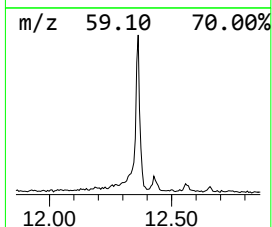
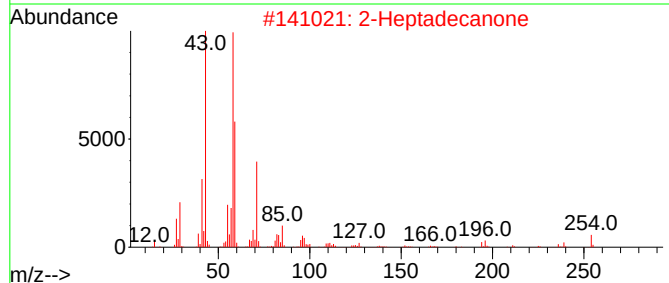
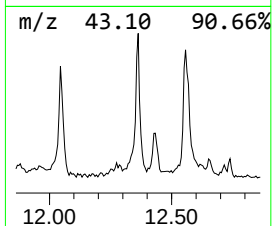
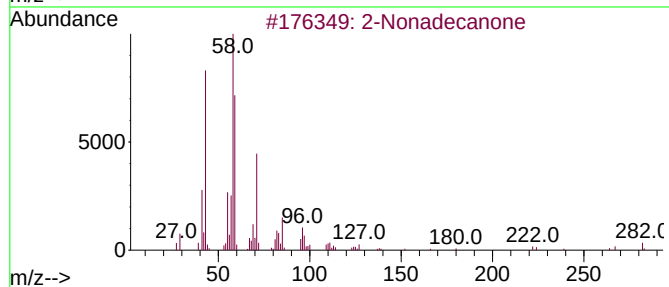
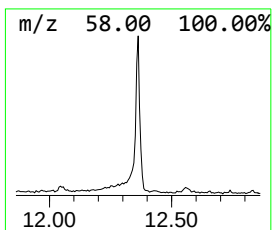
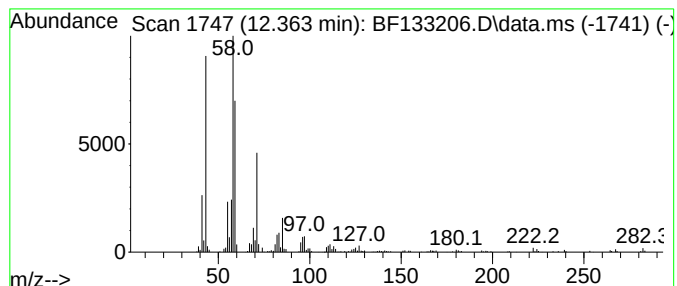
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Peak Number 5 2-Nonadecanone Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.363 | 4.39 ng | 359802 | Phenanthrene-d10 | 11.245 |

| Hit# | of              | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-----------------|---|--------------|-----|---------|-------------|------|
| 1    | 2-Nonadecanone  |   |              | 282 | C19H38O | 000629-66-3 | 91   |
| 2    | 2-Heptadecanone |   |              | 254 | C17H34O | 002922-51-2 | 83   |
| 3    | 2-Pentadecanone |   |              | 226 | C15H30O | 002345-28-0 | 78   |
| 4    | 2-Hexadecanone  |   |              | 240 | C16H32O | 018787-63-8 | 78   |
| 5    | 2-Tetradecanone |   |              | 212 | C14H28O | 002345-27-9 | 78   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

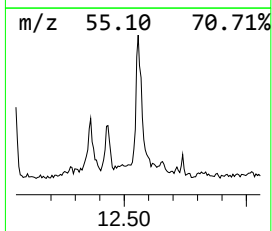
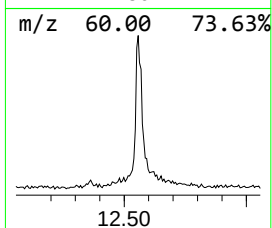
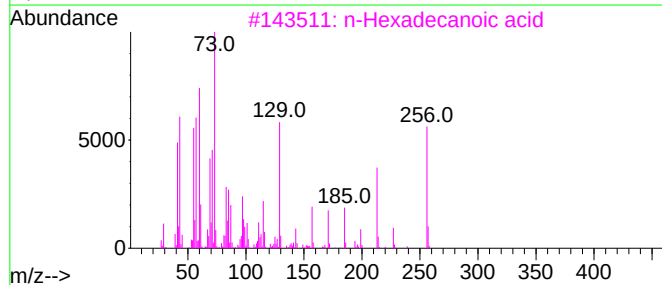
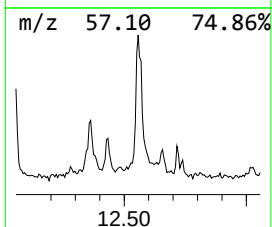
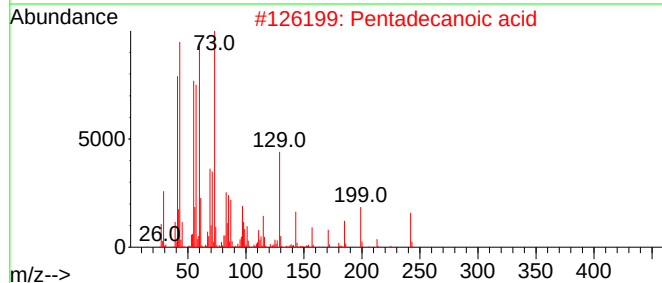
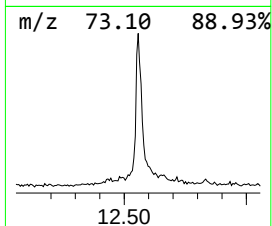
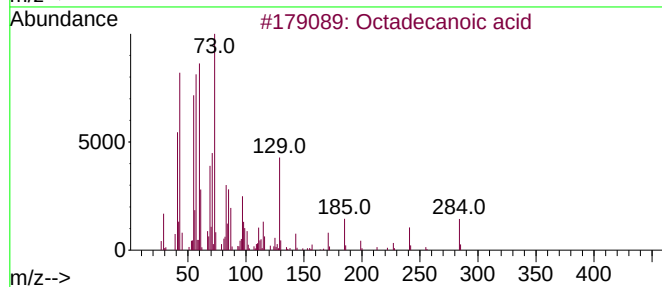
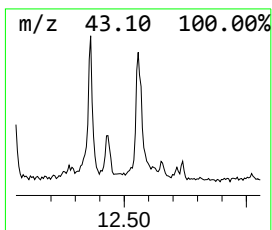
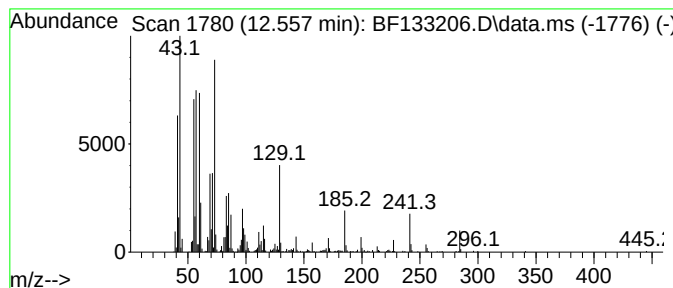
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Octadecanoic acid Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.557 | 9.54 ng | 781548 | Phenanthrene-d10 | 11.245 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 89   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

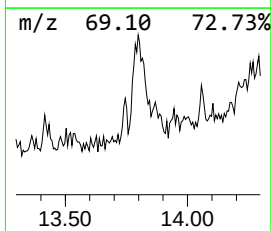
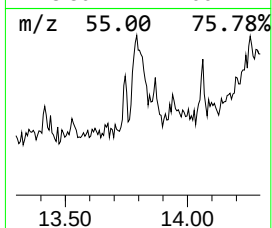
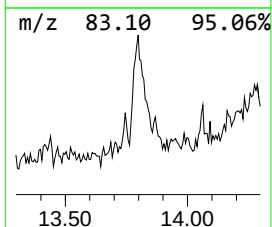
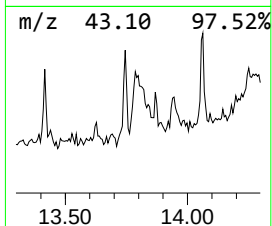
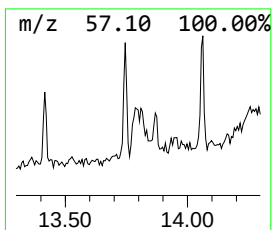
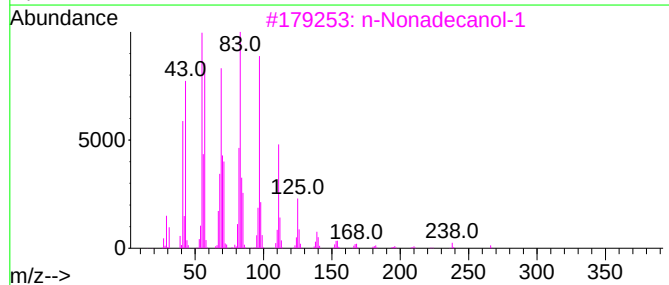
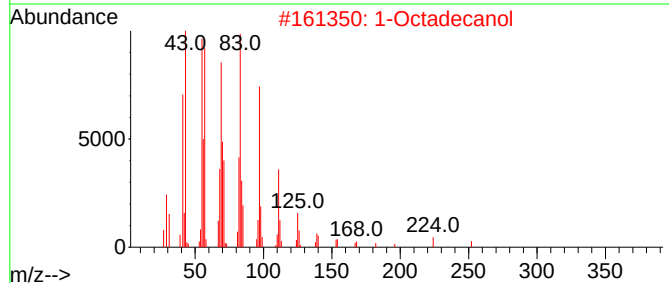
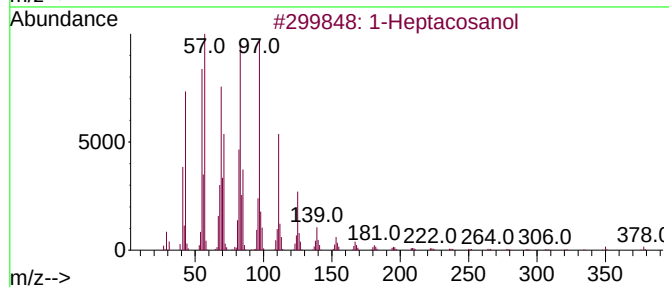
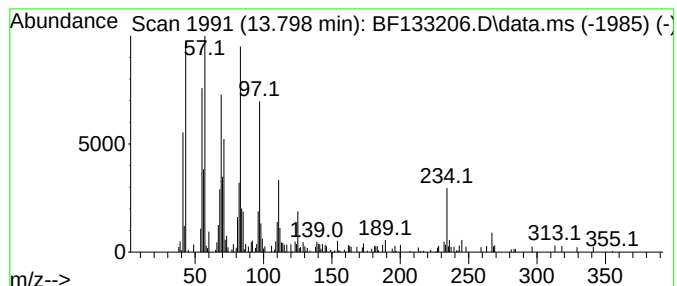
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 1-Heptacosanol Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.798 | 4.52 ng | 275433 | Chrysene-d12     | 13.880 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-----------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Heptacosanol              | 396 | C27H56O    | 002004-39-9 | 87   |
| 2    |    |   | 1-Octadecanol               | 270 | C18H38O    | 000112-92-5 | 76   |
| 3    |    |   | n-Nonadecanol-1             | 284 | C19H40O    | 001454-84-8 | 64   |
| 4    |    |   | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 64   |
| 5    |    |   | 1-Tetracosene               | 336 | C24H48     | 010192-32-2 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

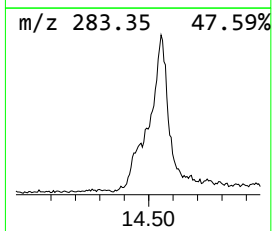
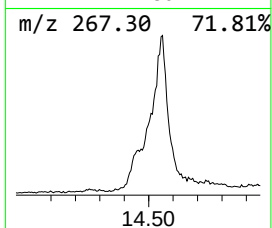
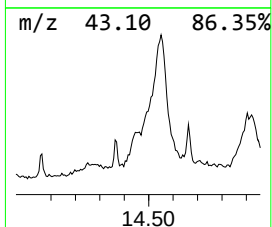
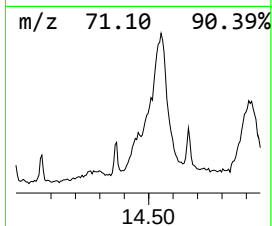
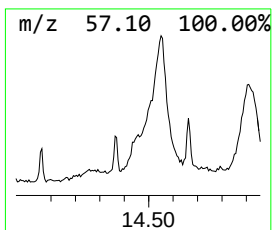
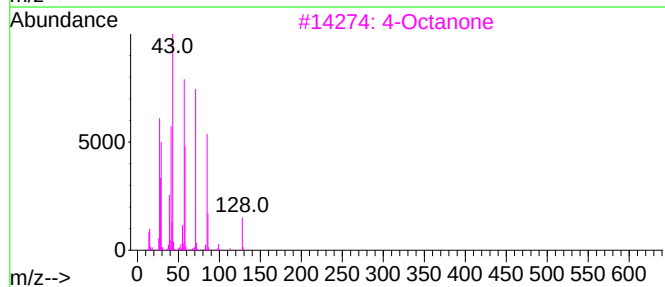
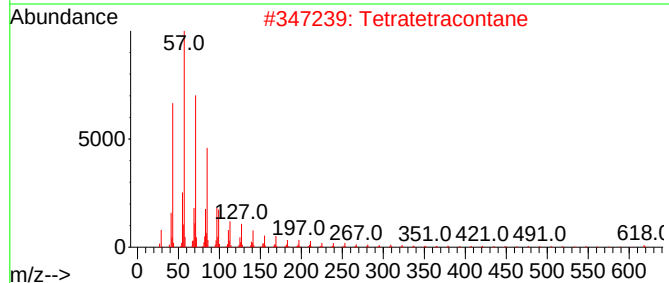
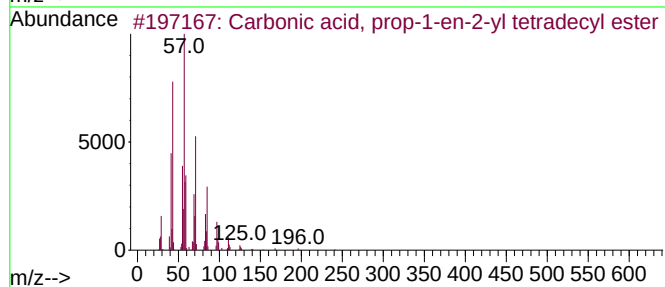
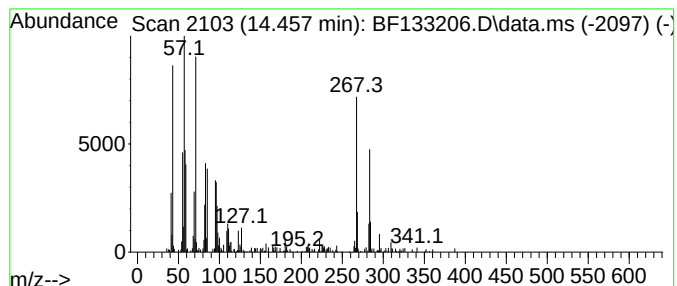
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 unknown14.457 Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.457 | 4.36 ng | 265818 | Chrysene-d12     | 13.880 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 43   |
| 2    |    |   | Tetratetracontane                   | 619 | C44H90   | 007098-22-8  | 35   |
| 3    |    |   | 4-Octanone                          | 128 | C8H16O   | 000589-63-9  | 27   |
| 4    |    |   | Nonane, 3,7-dimethyl-               | 156 | C11H24   | 017302-32-8  | 27   |
| 5    |    |   | Hexadecane                          | 226 | C16H34   | 000544-76-3  | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

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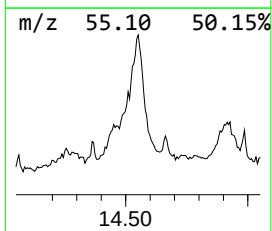
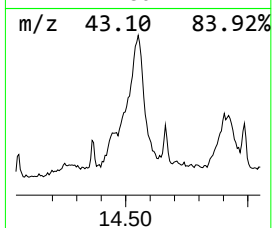
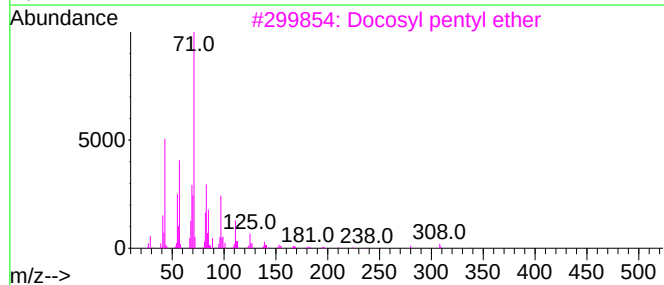
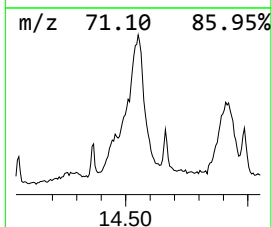
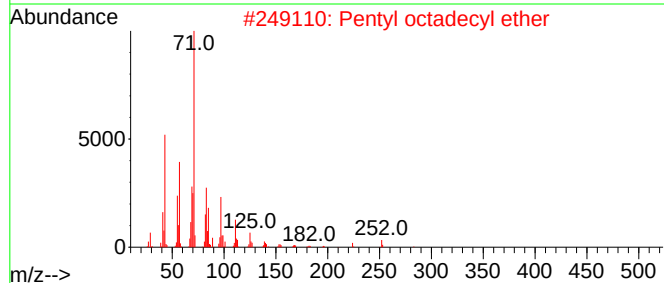
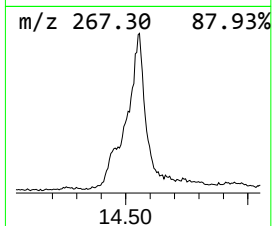
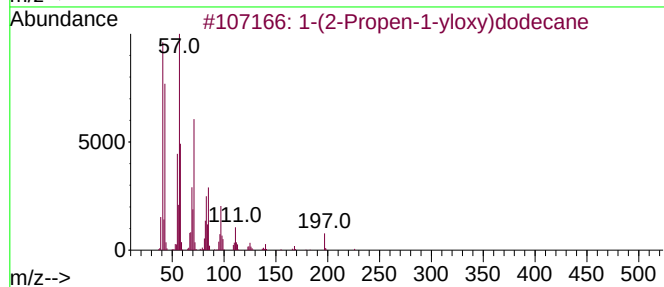
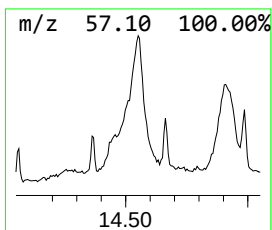
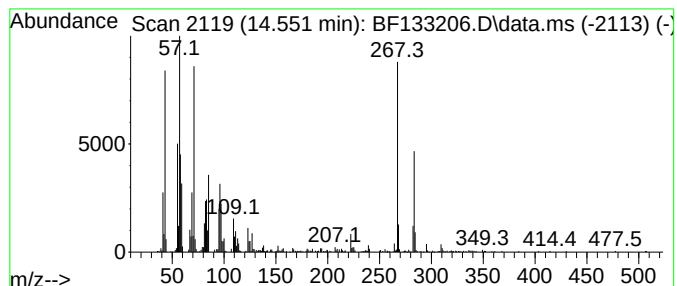
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Peak Number 9 unknown14.551 Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.551 | 39.71 ng | 2420360 | Chrysene-d12     | 13.880 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#         | Qual |
|------|------|------------------------------|-----|---------|--------------|------|
| 1    |      | 1-(2-Propen-1-yloxy)dodecane | 226 | C15H30O | 006145-80-8  | 25   |
| 2    |      | Pentyl octadecyl ether       | 340 | C23H48O | 1000406-41-9 | 25   |
| 3    |      | Docosyl pentyl ether         | 396 | C27H56O | 1000406-42-1 | 22   |
| 4    |      | Decane, 5-propyl-            | 184 | C13H28  | 017312-62-8  | 20   |
| 5    |      | Tridecane, 4-methyl-         | 198 | C14H30  | 026730-12-1  | 18   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

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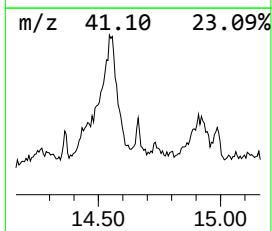
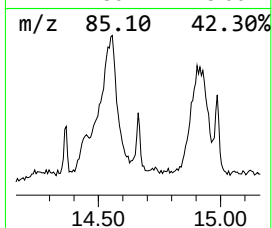
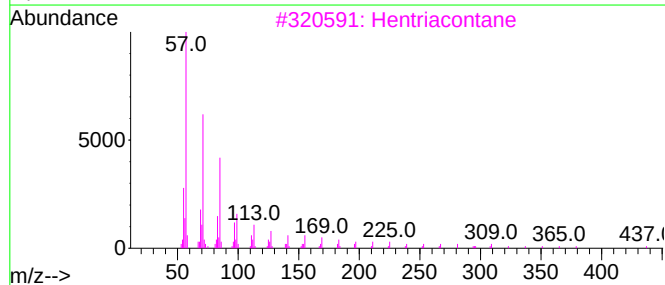
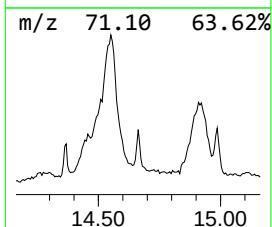
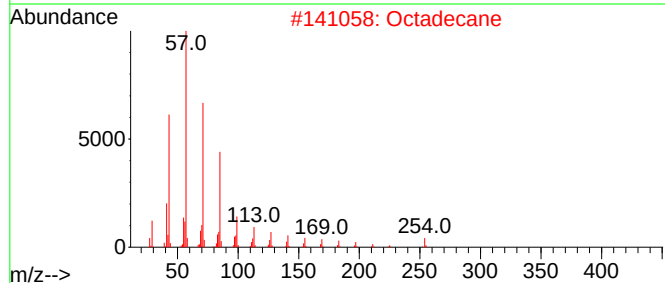
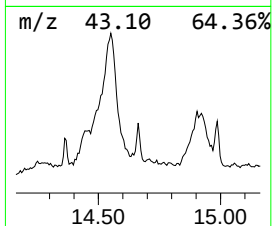
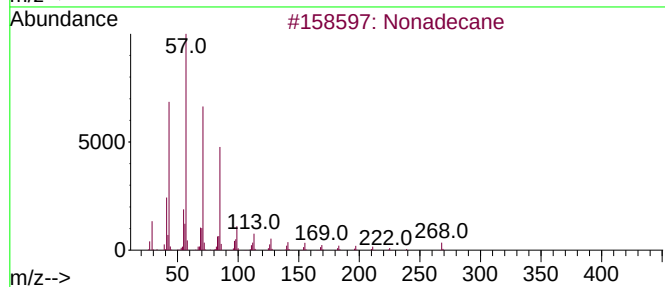
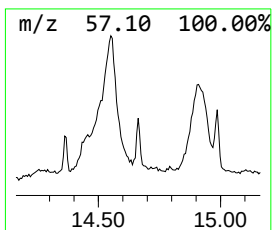
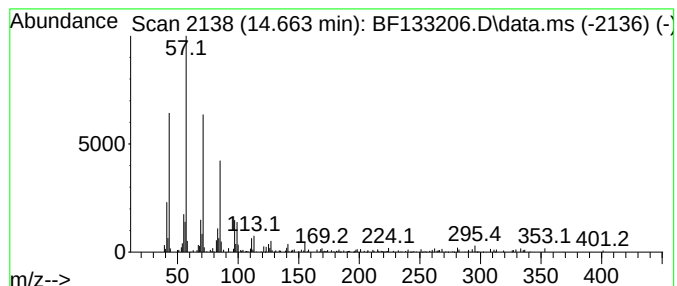
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Peak Number 10 Nonadecane Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.663 | 2.63 ng | 155264 | Perylene-d12     | 15.304 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Nonadecane             | 268 | C19H40  | 000629-92-5 | 93   |
| 2    |      | Octadecane             | 254 | C18H38  | 000593-45-3 | 91   |
| 3    |      | Hentriacontane         | 437 | C31H64  | 000630-04-6 | 87   |
| 4    |      | Hexatriacontane        | 507 | C36H74  | 000630-06-8 | 87   |
| 5    |      | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

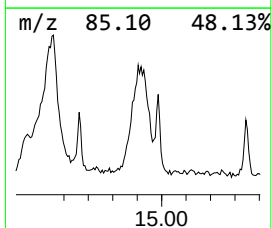
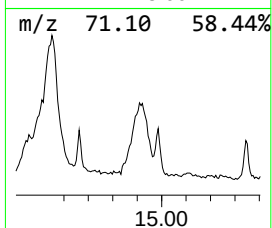
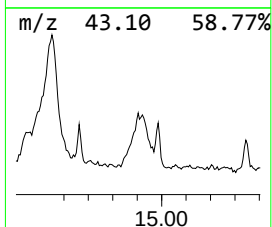
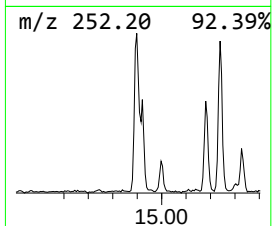
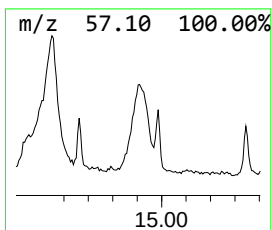
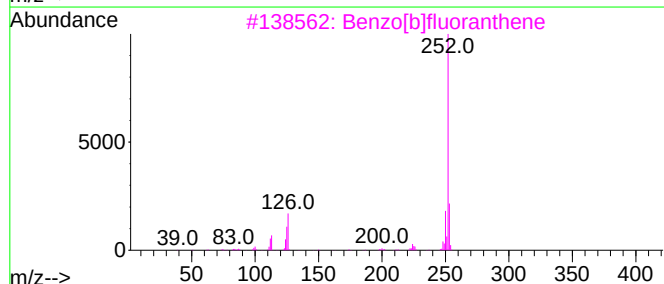
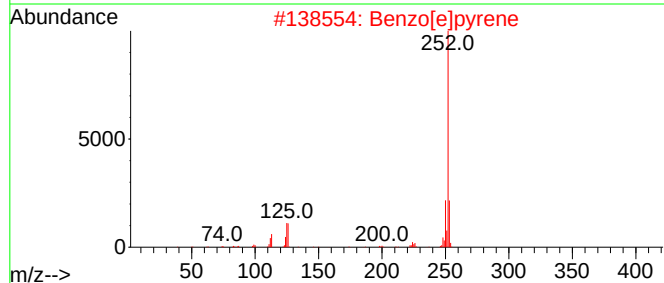
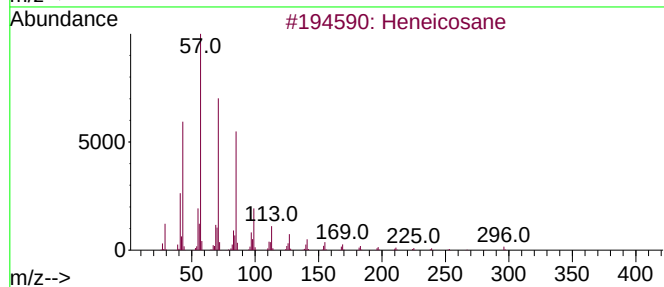
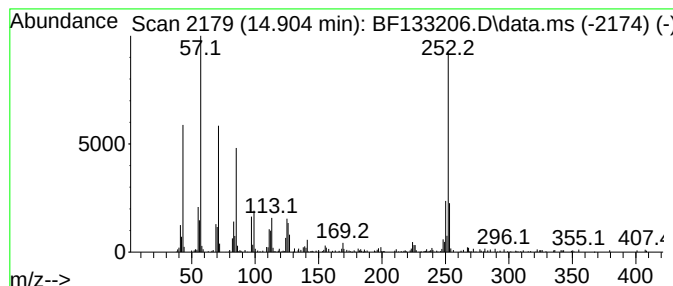
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Heneicosane Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.904 | 5.77 ng | 340313 | Perylene-d12     | 15.304 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Heneicosane          | 296 | C21H44  | 000629-94-7 | 94   |
| 2    |      | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 87   |
| 3    |      | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 87   |
| 4    |      | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 86   |
| 5    |      | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

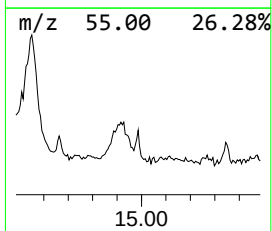
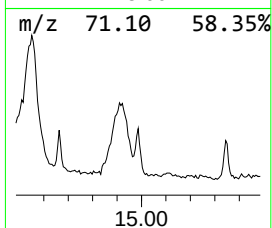
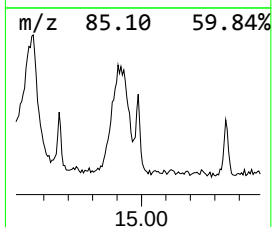
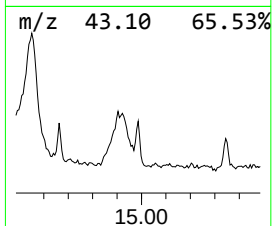
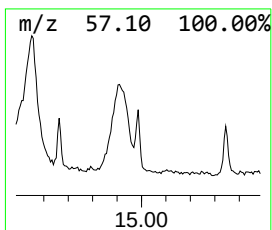
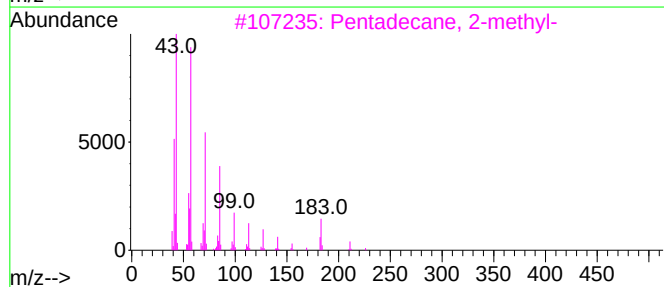
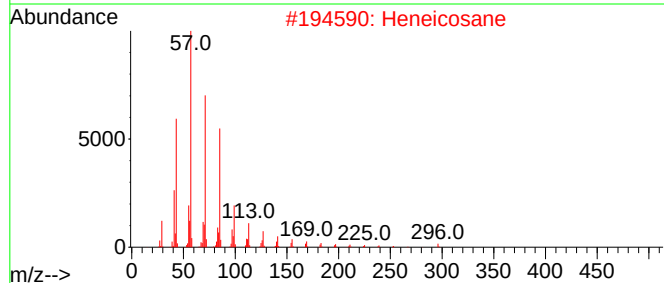
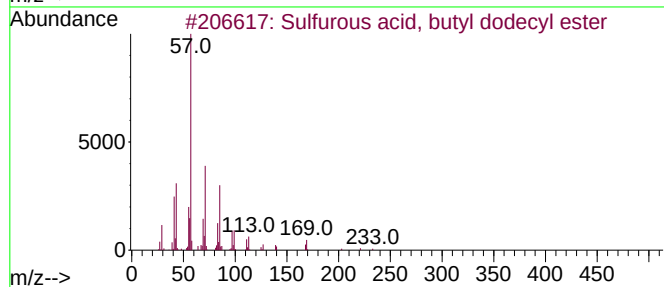
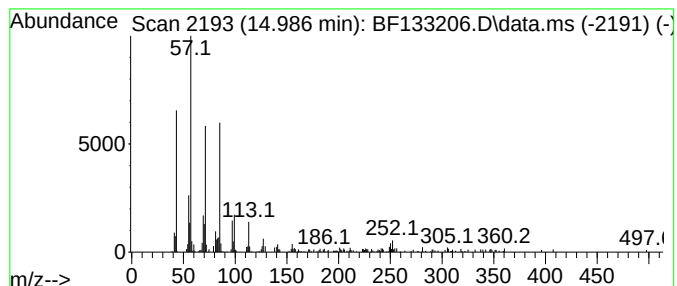
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Sulfurous acid, butyl dodec... Concentration Rank 12

| R.T.      | EstConc                             | Area   | Relative to ISTD |           | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|-----------|--------------|------|
| 14.986    | 3.71 ng                             | 218927 | Perylene-d12     |           | 15.304       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm   | CAS#         | Qual |
| 1         | Sulfurous acid, butyl dodecyl ester |        | 306              | C16H34O3S | 1000309-17-9 | 86   |
| 2         | Heneicosane                         |        | 296              | C21H44    | 000629-94-7  | 80   |
| 3         | Pentadecane, 2-methyl-              |        | 226              | C16H34    | 001560-93-6  | 80   |
| 4         | Hexadecane                          |        | 226              | C16H34    | 000544-76-3  | 64   |
| 5         | Octane, 3,5-dimethyl-               |        | 142              | C10H22    | 015869-93-9  | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

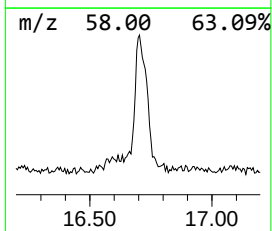
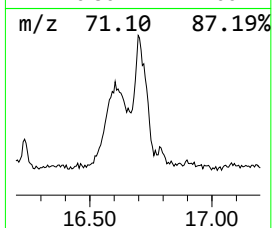
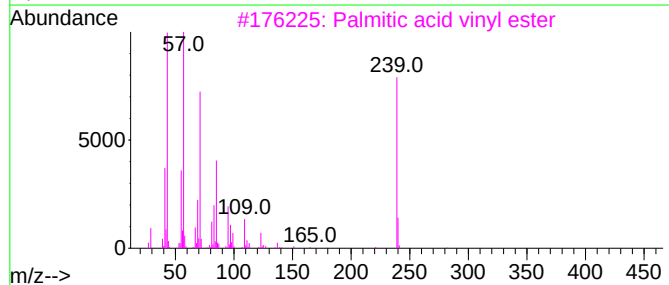
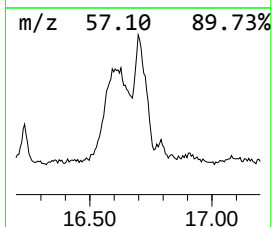
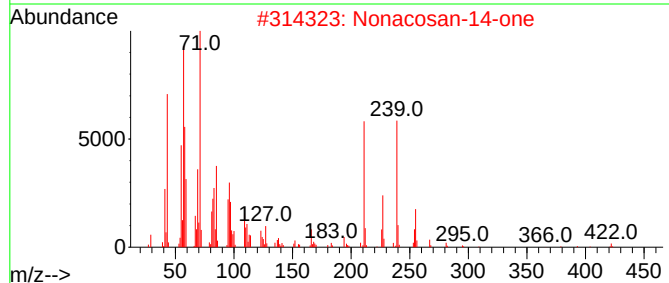
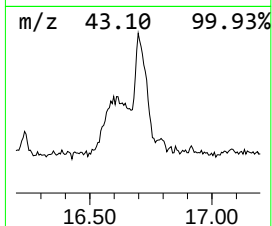
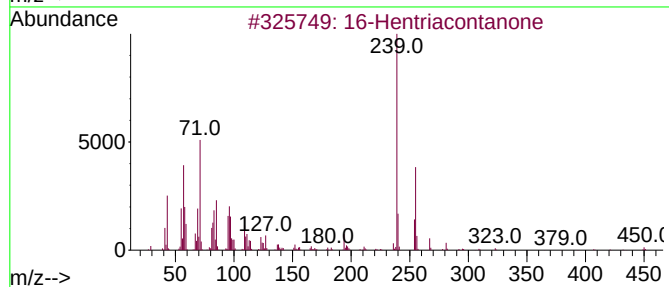
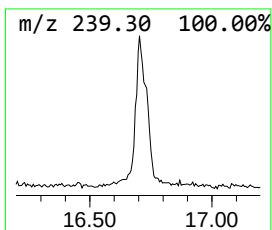
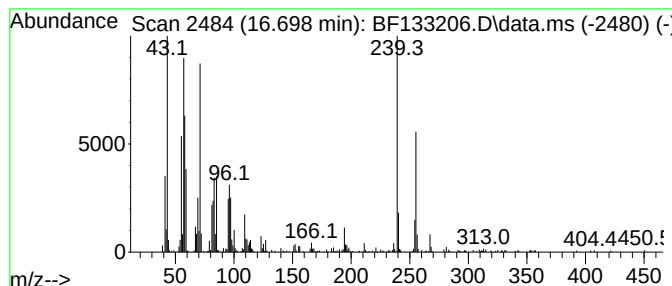
Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.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 13 16-Hentriacontanone Concentration Rank 3

| R.T.      | EstConc                   | Area    | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------------|---------|------------------|----------|-------------|------|
| 16.698    | 21.33 ng                  | 1258740 | Perylene-d12     |          | 15.304      |      |
| Hit# of 5 | Tentative ID              |         | MW               | MolForm  | CAS#        | Qual |
| 1         | 16-Hentriacontanone       |         | 450              | C31H62O  | 000502-73-8 | 86   |
| 2         | Nonacosan-14-one          |         | 422              | C29H58O  | 034394-11-1 | 59   |
| 3         | Palmitic acid vinyl ester |         | 282              | C18H34O2 | 000693-38-9 | 49   |
| 4         | 2-Heptadecanone           |         | 254              | C17H34O  | 002922-51-2 | 25   |
| 5         | Undecanal, 2-methyl-      |         | 184              | C12H24O  | 000110-41-8 | 25   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

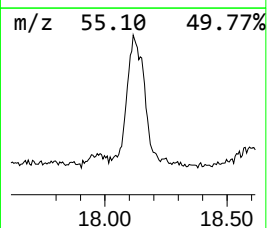
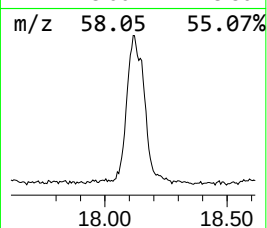
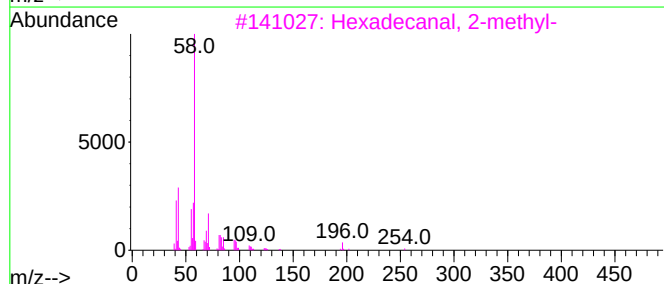
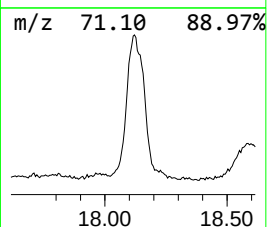
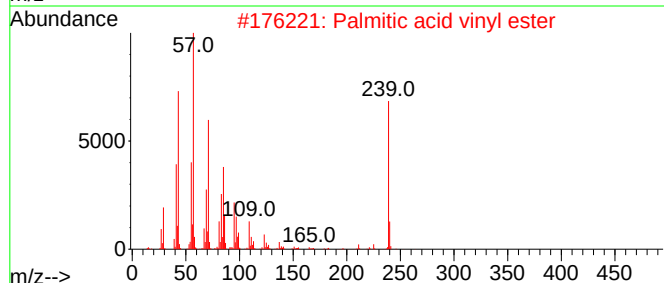
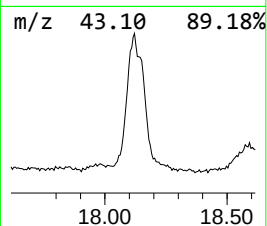
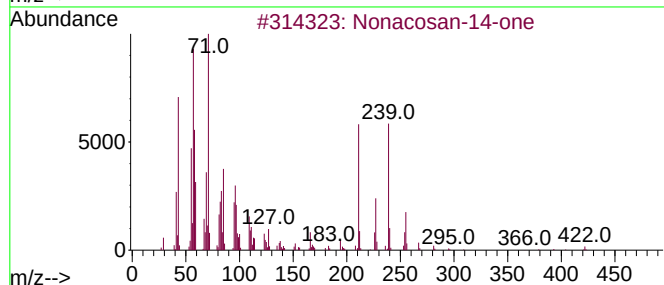
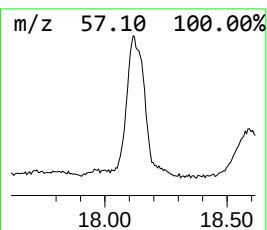
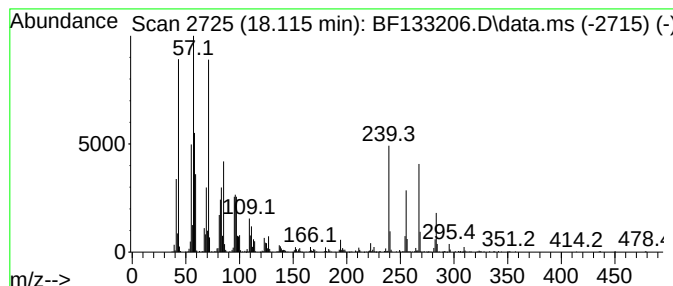
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Nonacosan-14-one Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.115 | 77.94 ng | 4600590 | Perylene-d12     | 15.304 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------------|-----|----------|-------------|------|
| 1    |      | Nonacosan-14-one          | 422 | C29H58O  | 034394-11-1 | 70   |
| 2    |      | Palmitic acid vinyl ester | 282 | C18H34O2 | 000693-38-9 | 52   |
| 3    |      | Hexadecanal, 2-methyl-    | 254 | C17H34O  | 055019-46-0 | 50   |
| 4    |      | 2-Nonadecanone            | 282 | C19H38O  | 000629-66-3 | 46   |
| 5    |      | Dodecane, 4-methyl-       | 184 | C13H28   | 006117-97-1 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050323\  
Data File : BF133206.D  
Acq On : 03 May 2023 14:37  
Operator : CG\JU  
Sample : 02583-07  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CF-27

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.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 |
| Benzophenone       | 10.475 | 4.0     | ng    | 348035   | 3                     | 9.763  | 1722400 | 20.0 |
| 2-Heptadecanone    | 11.551 | 2.0     | ng    | 168109   | 4                     | 11.245 | 1638470 | 20.0 |
| n-Hexadecanoic ... | 11.775 | 12.4    | ng    | 1013830  | 4                     | 11.245 | 1638470 | 20.0 |
| Octadecanal        | 12.045 | 7.2     | ng    | 592583   | 4                     | 11.245 | 1638470 | 20.0 |
| 2-Nonadecanone     | 12.363 | 4.4     | ng    | 359802   | 4                     | 11.245 | 1638470 | 20.0 |
| Octadecanoic acid  | 12.557 | 9.5     | ng    | 781548   | 4                     | 11.245 | 1638470 | 20.0 |
| 1-Heptacosanol     | 13.798 | 4.5     | ng    | 275433   | 5                     | 13.880 | 1219050 | 20.0 |
| unknown14.457      | 14.457 | 4.4     | ng    | 265818   | 5                     | 13.880 | 1219050 | 20.0 |
| unknown14.551      | 14.551 | 39.7    | ng    | 2420360  | 5                     | 13.880 | 1219050 | 20.0 |
| Nonadecane         | 14.663 | 2.6     | ng    | 155264   | 6                     | 15.304 | 1180530 | 20.0 |
| Heneicosane        | 14.904 | 5.8     | ng    | 340313   | 6                     | 15.304 | 1180530 | 20.0 |
| Sulfurous acid,... | 14.986 | 3.7     | ng    | 218927   | 6                     | 15.304 | 1180530 | 20.0 |
| 16-Hentriaconta... | 16.698 | 21.3    | ng    | 1258740  | 6                     | 15.304 | 1180530 | 20.0 |
| Nonacosan-14-one   | 18.115 | 77.9    | ng    | 4600590  | 6                     | 15.304 | 1180530 | 20.0 |