

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
 Data File : BF126647.D  
 Acq On : 24 Jan 2022 18:58  
 Operator : CG/JU  
 Sample : N1243-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMI-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-BF011822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126647.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         | 2.299       | 29            | 36          | 43           | rVB      | 279952         | 359188        | 11.45%          | 1.463%        |
| 2         | 5.198       | 521           | 529         | 535          | rBV      | 30126          | 39839         | 1.27%           | 0.162%        |
| 3         | 5.581       | 589           | 594         | 597          | rBV      | 3099578        | 2901180       | 92.48%          | 11.821%       |
| 4         | 6.575       | 757           | 763         | 766          | rBV      | 3028082        | 3066558       | 97.75%          | 12.495%       |
| 5         | 6.963       | 825           | 829         | 832          | rVB      | 881700         | 710453        | 22.65%          | 2.895%        |
| 6         | 7.522       | 919           | 924         | 927          | rBV      | 2125587        | 2020920       | 64.42%          | 8.234%        |
| 7         | 7.928       | 985           | 993         | 1001         | rBV2     | 61501          | 108874        | 3.47%           | 0.444%        |
| 8         | 8.245       | 1042          | 1047        | 1050         | rBV      | 1018654        | 917080        | 29.23%          | 3.737%        |
| 9         | 8.857       | 1148          | 1151        | 1154         | rVB      | 104850         | 83878         | 2.67%           | 0.342%        |
| 10        | 9.322       | 1225          | 1230        | 1233         | rBV      | 3472278        | 3137015       | 100.00%         | 12.782%       |
| 11        | 9.798       | 1308          | 1311        | 1317         | rVB4     | 26788          | 39877         | 1.27%           | 0.162%        |
| 12        | 9.875       | 1320          | 1324        | 1328         | rBV2     | 31896          | 39321         | 1.25%           | 0.160%        |
| 13        | 10.004      | 1341          | 1346        | 1349         | rBV      | 1230355        | 1030862       | 32.86%          | 4.200%        |
| 14        | 10.316      | 1395          | 1399        | 1402         | rBV3     | 39523          | 55590         | 1.77%           | 0.226%        |
| 15        | 10.422      | 1411          | 1417        | 1420         | rVB4     | 31741          | 60250         | 1.92%           | 0.245%        |
| 16        | 10.645      | 1450          | 1455        | 1457         | rBV2     | 34693          | 53232         | 1.70%           | 0.217%        |
| 17        | 10.792      | 1476          | 1480        | 1483         | rBV      | 2217638        | 1885737       | 60.11%          | 7.683%        |
| 18        | 10.910      | 1496          | 1500        | 1503         | rBV      | 58631          | 66314         | 2.11%           | 0.270%        |
| 19        | 11.380      | 1577          | 1580        | 1585         | rVB2     | 108942         | 128080        | 4.08%           | 0.522%        |
| 20        | 11.439      | 1588          | 1590        | 1593         | rVB2     | 43110          | 35762         | 1.14%           | 0.146%        |
| 21        | 11.492      | 1596          | 1599        | 1602         | rBV      | 1069166        | 996942        | 31.78%          | 4.062%        |
| 22        | 11.651      | 1624          | 1626        | 1632         | rBV3     | 29859          | 46754         | 1.49%           | 0.190%        |
| 23        | 12.010      | 1684          | 1687        | 1691         | rBV      | 246164         | 211265        | 6.73%           | 0.861%        |
| 24        | 12.716      | 1805          | 1807        | 1811         | rVB4     | 35145          | 35861         | 1.14%           | 0.146%        |
| 25        | 12.798      | 1818          | 1821        | 1826         | rBV3     | 57335          | 76138         | 2.43%           | 0.310%        |
| 26        | 13.086      | 1866          | 1870        | 1873         | rVB      | 3035027        | 2583453       | 82.35%          | 10.526%       |
| 27        | 13.974      | 2017          | 2021        | 2037         | rVB      | 481301         | 580456        | 18.50%          | 2.365%        |
| 28        | 14.139      | 2046          | 2049        | 2053         | rBV      | 749563         | 647655        | 20.65%          | 2.639%        |
| 29        | 14.298      | 2073          | 2076        | 2082         | rVB2     | 29182          | 34061         | 1.09%           | 0.139%        |
| 30        | 14.615      | 2123          | 2130        | 2137         | rBV4     | 133522         | 230984        | 7.36%           | 0.941%        |
| 31        | 14.927      | 2178          | 2183        | 2186         | rBV2     | 30553          | 38729         | 1.23%           | 0.158%        |
| 32        | 15.086      | 2206          | 2210        | 2214         | rVB3     | 36357          | 42491         | 1.35%           | 0.173%        |
| 33        | 15.286      | 2240          | 2244        | 2247         | rBV      | 123164         | 149828        | 4.78%           | 0.610%        |
| 34        | 15.321      | 2247          | 2250        | 2256         | rVB2     | 57670          | 88514         | 2.82%           | 0.361%        |
| 35        | 15.662      | 2303          | 2308        | 2318         | rVB      | 472637         | 644258        | 20.54%          | 2.625%        |
| 36        | 15.915      | 2346          | 2351        | 2357         | rVB2     | 30973          | 44809         | 1.43%           | 0.183%        |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 AMI-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-BF011822.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |       |        |        |        |        |
|----|--------|------|------|------|-------|--------|--------|--------|--------|
| 37 | 16.162 | 2388 | 2393 | 2399 | rBV2  | 75691  | 128507 | 4.10%  | 0.524% |
| 38 | 16.221 | 2399 | 2403 | 2413 | rVV3  | 77039  | 175755 | 5.60%  | 0.716% |
| 39 | 16.298 | 2413 | 2416 | 2427 | rVB8  | 18853  | 44335  | 1.41%  | 0.181% |
| 40 | 17.027 | 2534 | 2540 | 2547 | rBV6  | 44082  | 90025  | 2.87%  | 0.367% |
| 41 | 17.292 | 2576 | 2585 | 2590 | rBV10 | 27228  | 65300  | 2.08%  | 0.266% |
| 42 | 17.427 | 2601 | 2608 | 2622 | rBV8  | 121274 | 365866 | 11.66% | 1.491% |
| 43 | 17.609 | 2636 | 2639 | 2648 | rVB10 | 22345  | 42316  | 1.35%  | 0.172% |
| 44 | 17.868 | 2676 | 2683 | 2693 | rBV7  | 83064  | 204626 | 6.52%  | 0.834% |
| 45 | 17.980 | 2696 | 2702 | 2709 | rVB10 | 21121  | 51731  | 1.65%  | 0.211% |
| 46 | 18.115 | 2719 | 2725 | 2734 | rVB10 | 14727  | 42756  | 1.36%  | 0.174% |
| 47 | 18.374 | 2764 | 2769 | 2778 | rVV10 | 14623  | 39975  | 1.27%  | 0.163% |
| 48 | 18.480 | 2781 | 2787 | 2796 | rVB10 | 20847  | 58675  | 1.87%  | 0.239% |
| 49 | 18.715 | 2821 | 2827 | 2829 | rBV6  | 22119  | 41099  | 1.31%  | 0.167% |

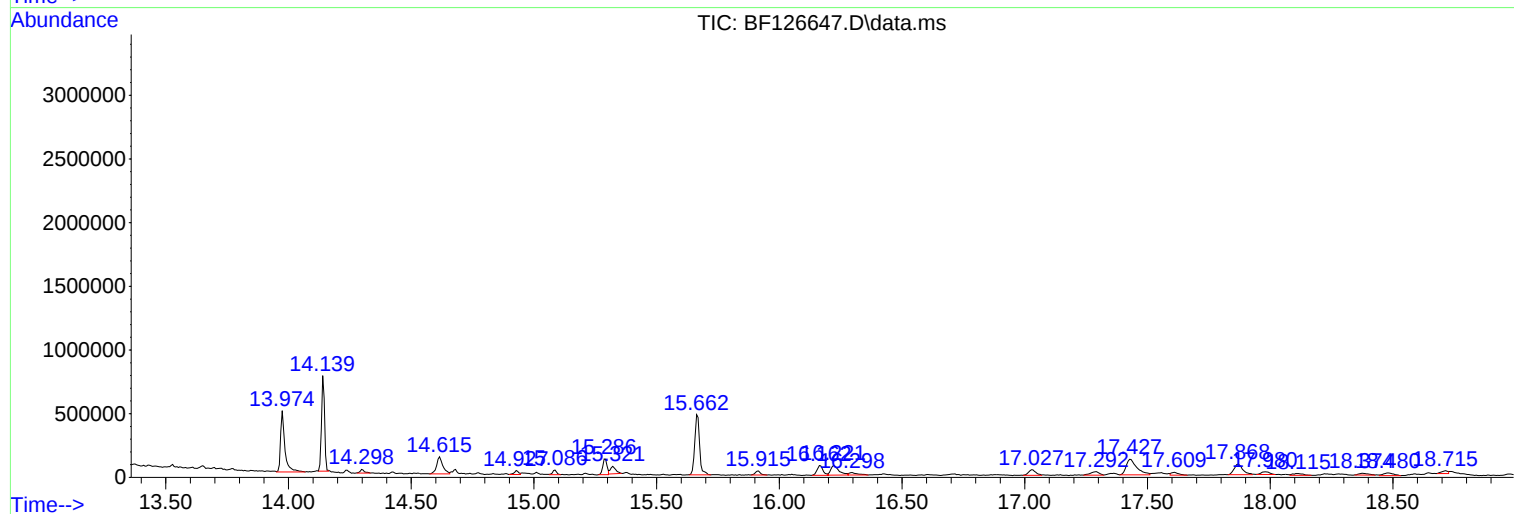
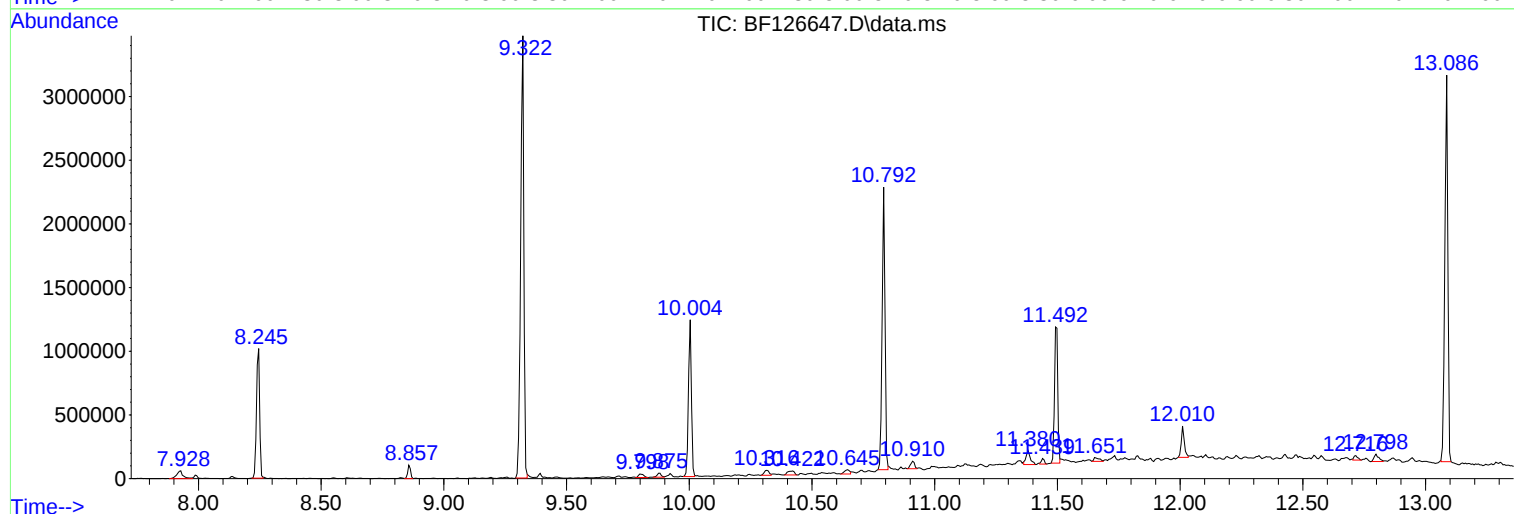
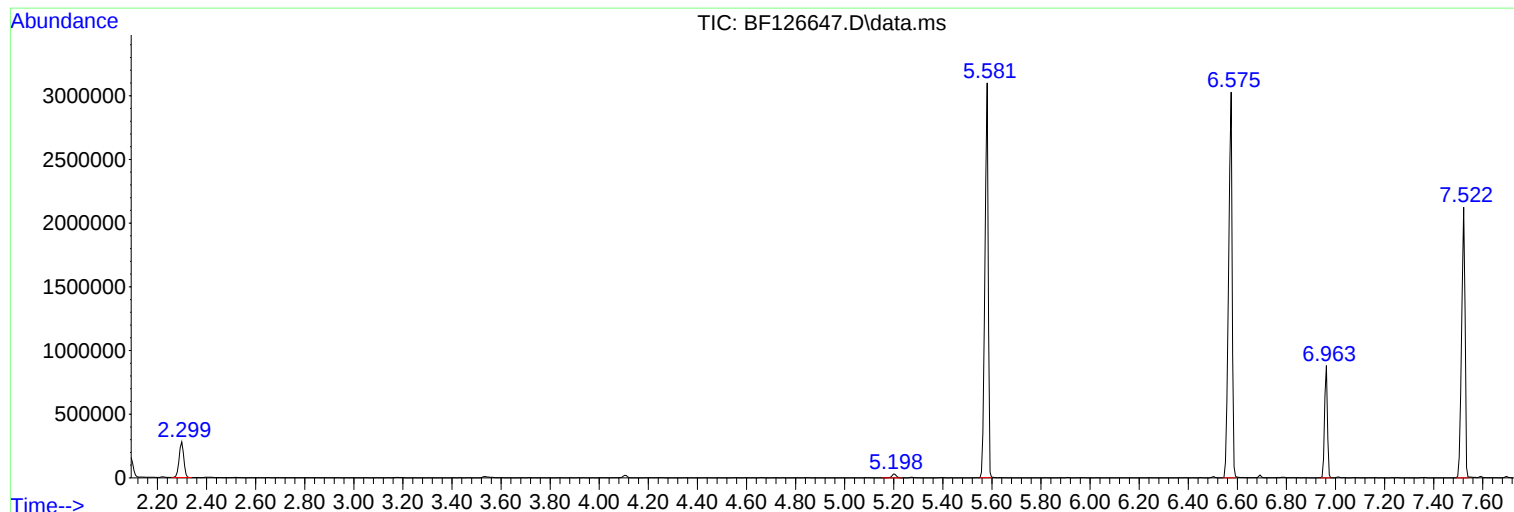
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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.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\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
Sample : N1243-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

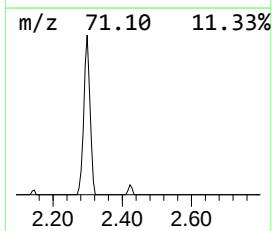
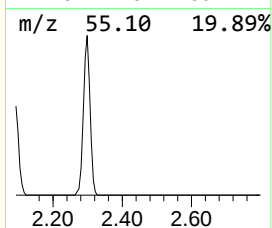
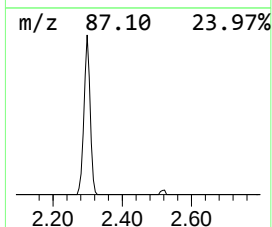
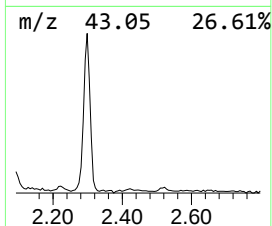
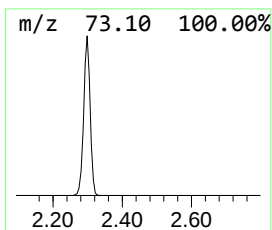
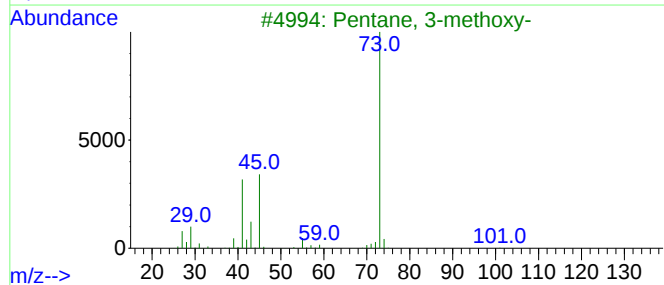
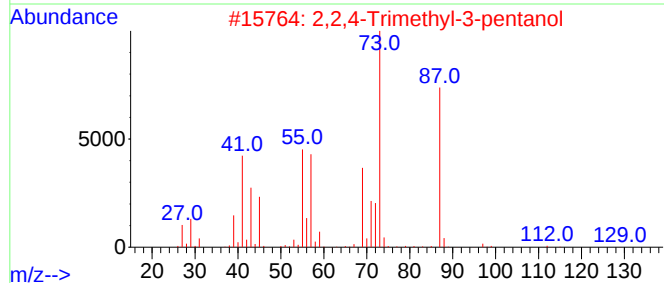
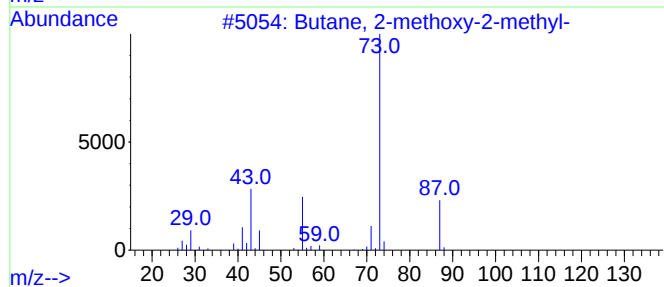
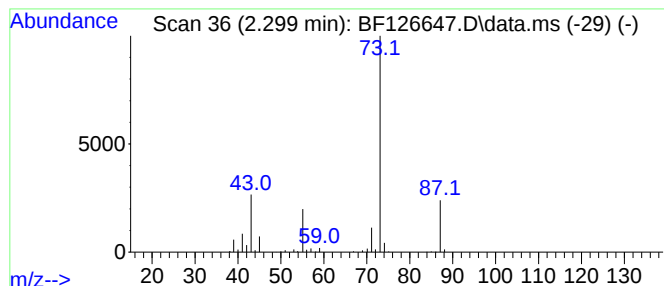
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 2.299 | 10.11 ng | 359188 | 1,4-Dichlorobenzene-d4 | 6.963 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    |   | 3-Hexanol, 2-methyl-        | 116 | C7H16O  | 000617-29-8 | 17   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |



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AMI-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

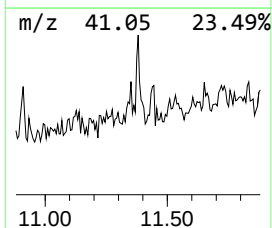
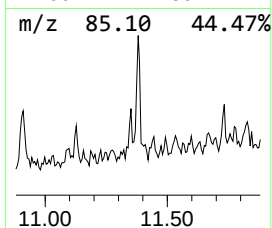
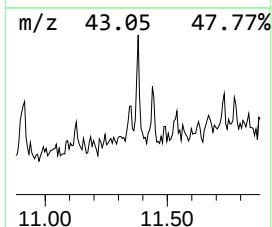
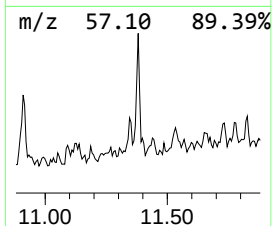
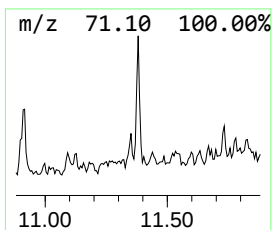
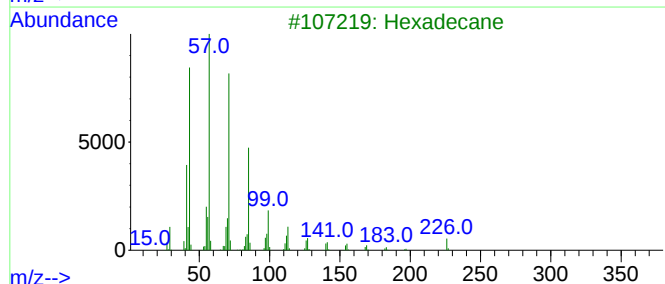
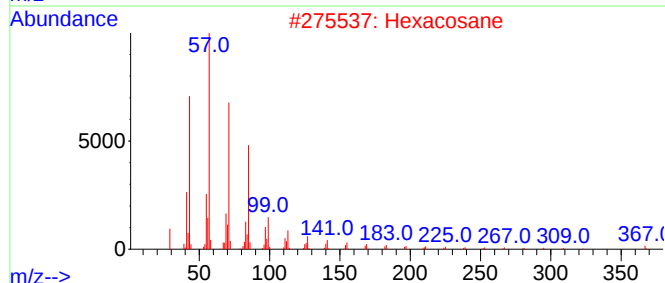
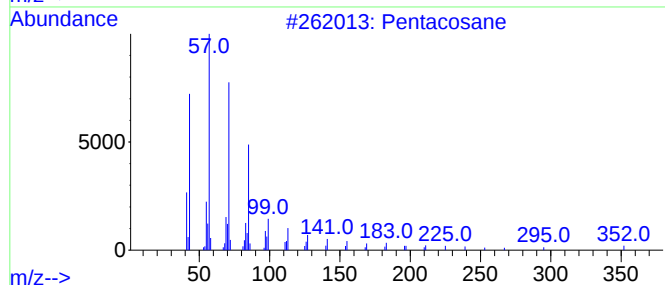
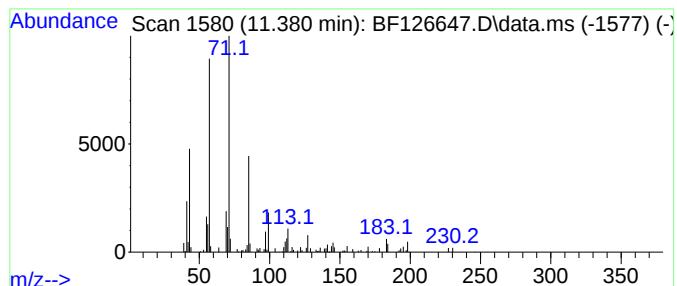
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Pentacosane Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.380 | 2.57 ng | 128080 | Phenanthrene-d10 | 11.498 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Pentacosane  | 352 | C25H52  | 000629-99-2 | 86   |
| 2    |    |   | Hexacosane   | 366 | C26H54  | 000630-01-3 | 58   |
| 3    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 53   |
| 4    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 53   |
| 5    |    |   | Nonacosane   | 408 | C29H60  | 000630-03-5 | 53   |



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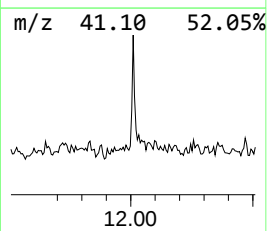
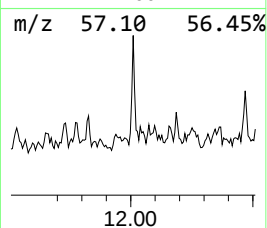
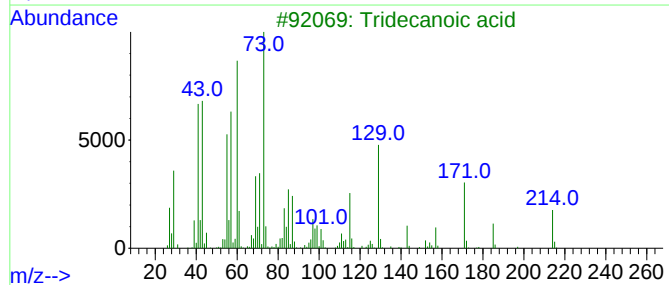
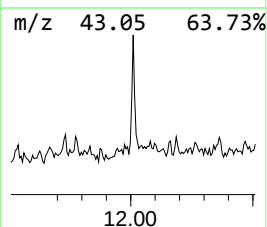
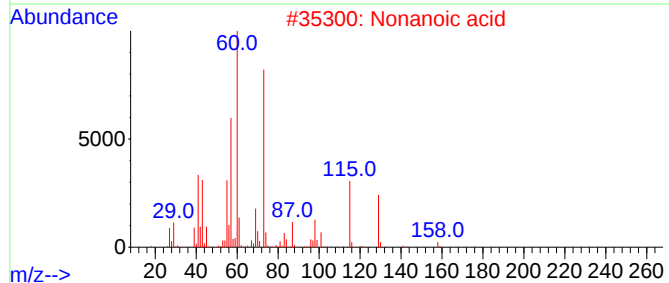
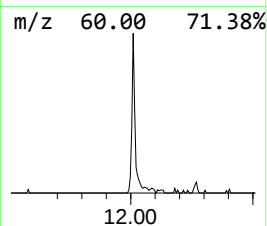
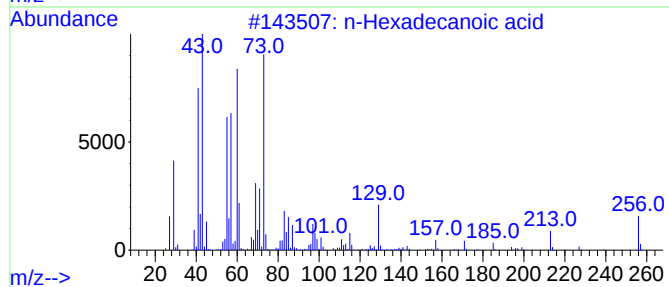
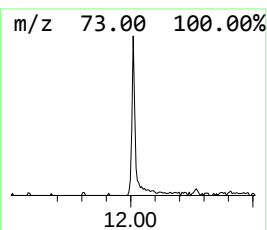
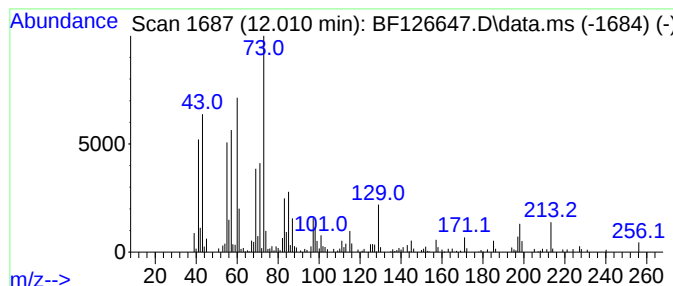
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.010 | 4.24 ng | 211265 | Phenanthrene-d10 | 11.498 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 2    |    |   | Nonanoic acid       | 158 | C9H18O2  | 000112-05-0 | 46   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 46   |
| 4    |    |   | Tetradecane         | 198 | C14H30   | 000629-59-4 | 38   |
| 5    |    |   | Tritetracontane     | 605 | C43H88   | 007098-21-7 | 25   |



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Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

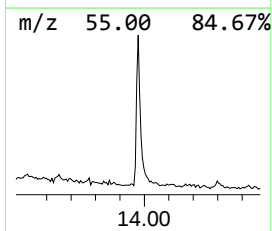
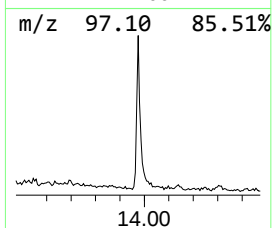
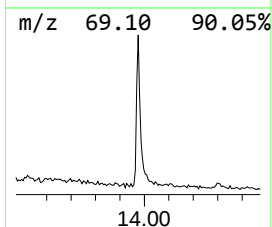
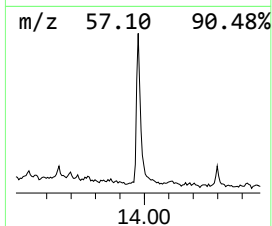
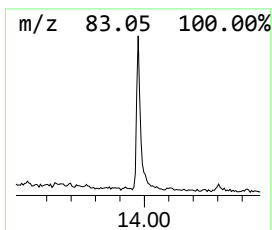
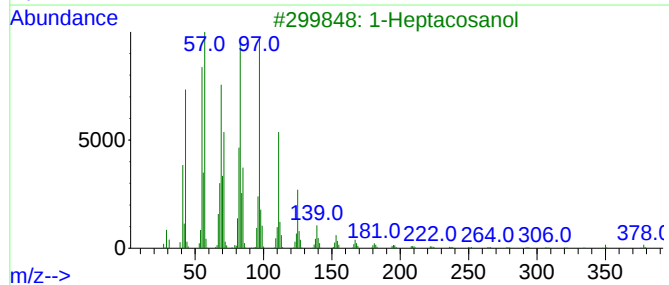
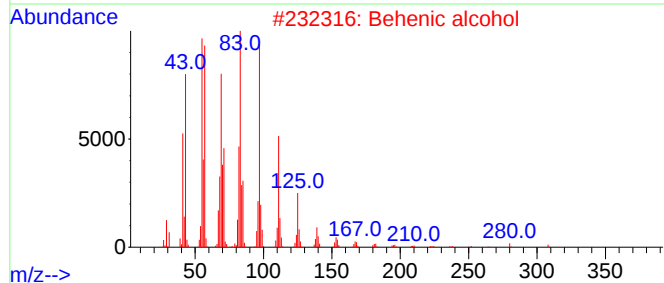
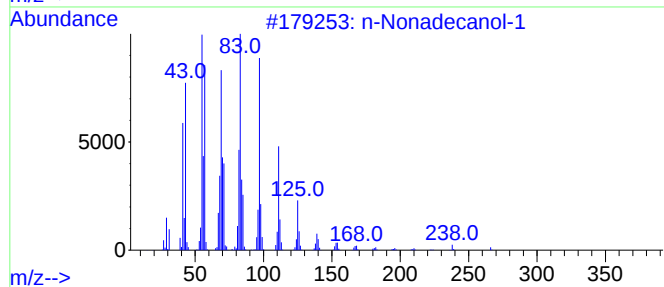
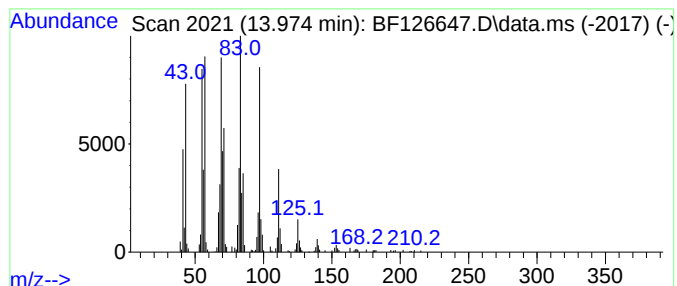
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 n-Nonadecanol-1 Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 13.974    | 17.92 ng                            | 580456 | Chrysene-d12     | 14.139      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | n-Nonadecanol-1                     | 284    | C19H40O          | 001454-84-8 | 91   |
| 2         | Behenic alcohol                     | 326    | C22H46O          | 000661-19-8 | 91   |
| 3         | 1-Heptacosanol                      | 396    | C27H56O          | 002004-39-9 | 90   |
| 4         | Trichloroacetic acid, hexadecyl ... | 386    | C18H33Cl3O2      | 074339-54-1 | 90   |
| 5         | n-Tetracosanol-1                    | 354    | C24H50O          | 000506-51-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
Sample : N1243-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
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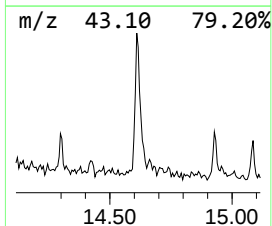
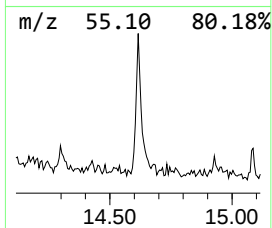
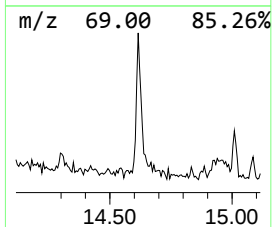
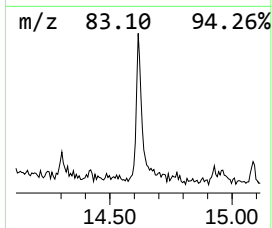
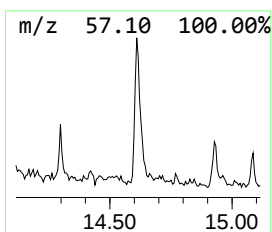
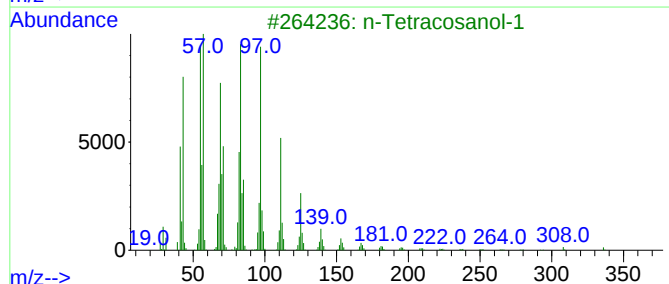
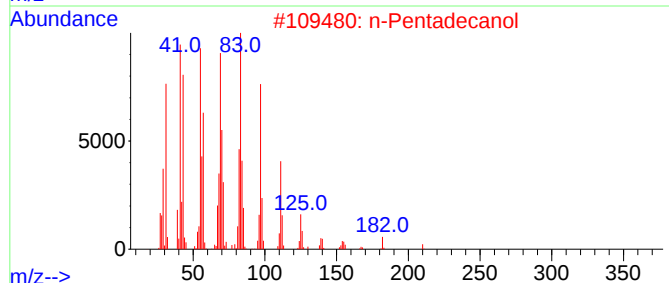
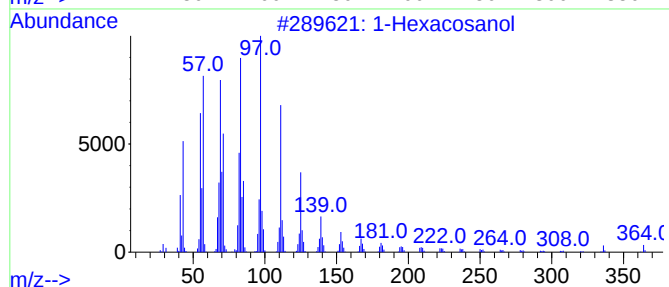
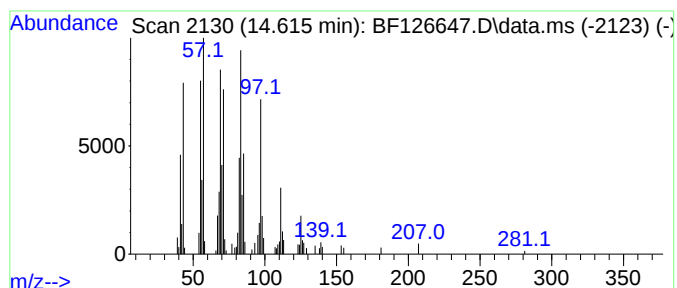
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 1-Hexacosanol Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.616 | 7.13 ng | 230984 | Chrysene-d12     | 14.139 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Hexacosanol    | 382 | C26H54O | 000506-52-5 | 83   |
| 2    |    |   | n-Pentadecanol   | 228 | C15H32O | 000629-76-5 | 81   |
| 3    |    |   | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 76   |
| 4    |    |   | 1-Octadecanol    | 270 | C18H38O | 000112-92-5 | 76   |
| 5    |    |   | n-Nonadecanol-1  | 284 | C19H40O | 001454-84-8 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
Sample : N1243-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

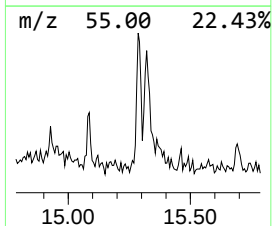
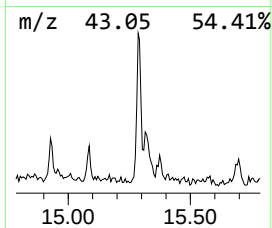
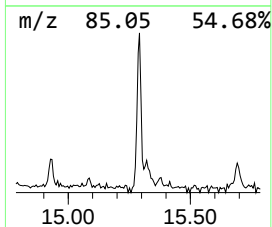
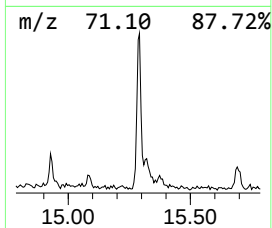
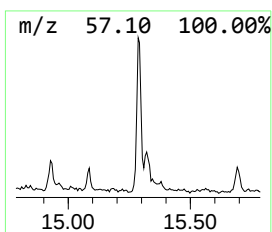
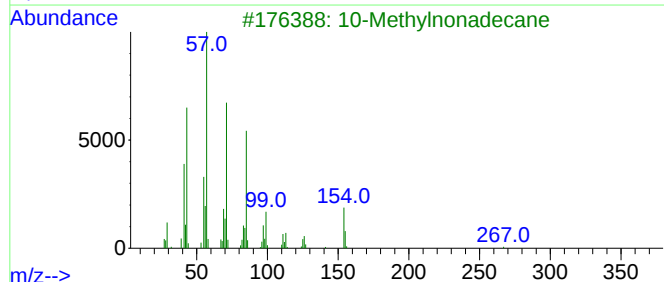
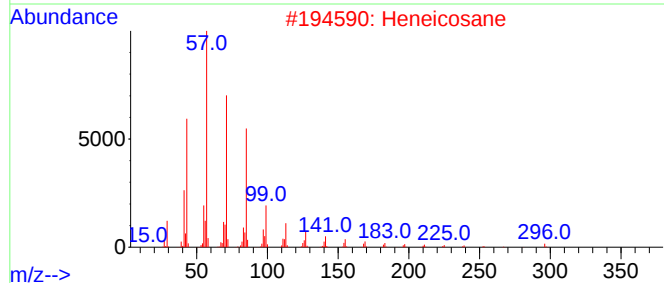
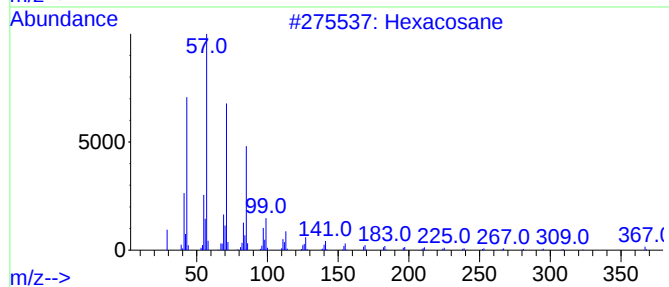
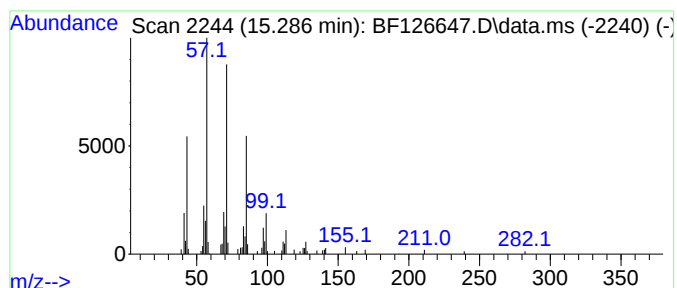
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Hexacosane Concentration Rank 7

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 15.286    | 4.65 ng                             | 149828 | Perylene-d12     | 15.663      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Hexacosane                          | 366    | C26H54           | 000630-01-3 | 91   |
| 2         | Heneicosane                         | 296    | C21H44           | 000629-94-7 | 91   |
| 3         | 10-Methylnonadecane                 | 282    | C20H42           | 056862-62-5 | 91   |
| 4         | Hentriacontane                      | 437    | C31H64           | 000630-04-6 | 90   |
| 5         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
Sample : N1243-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

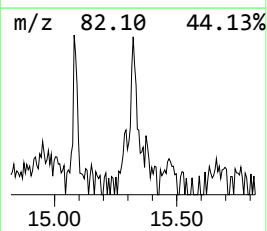
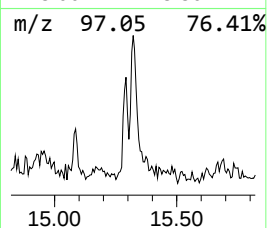
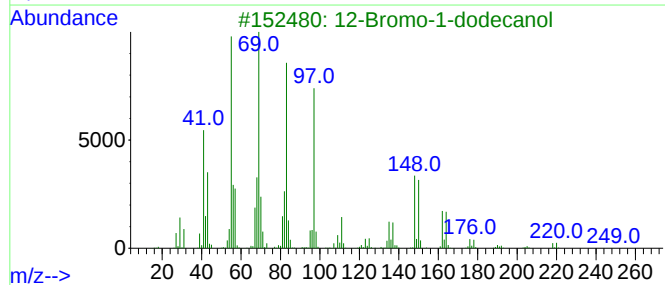
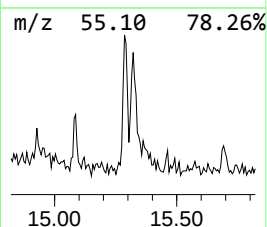
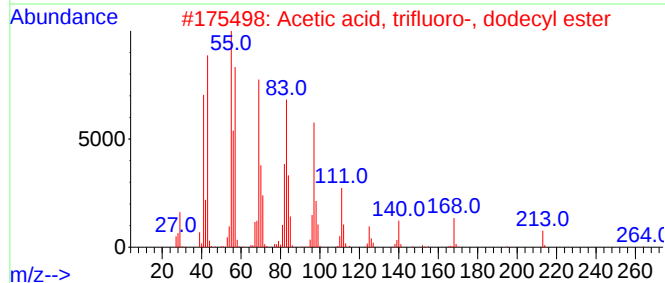
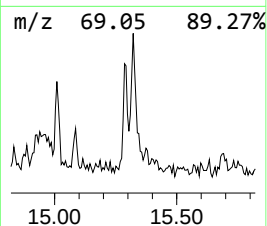
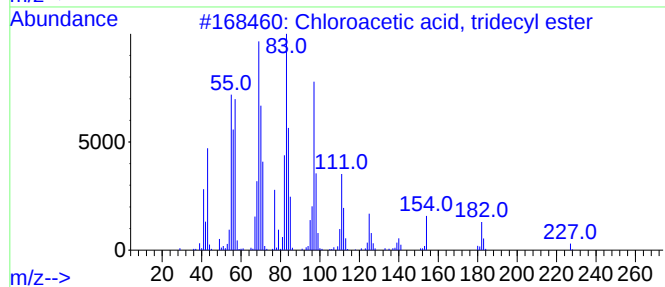
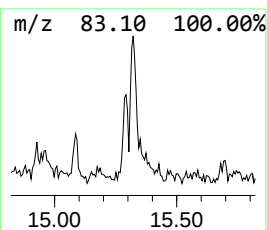
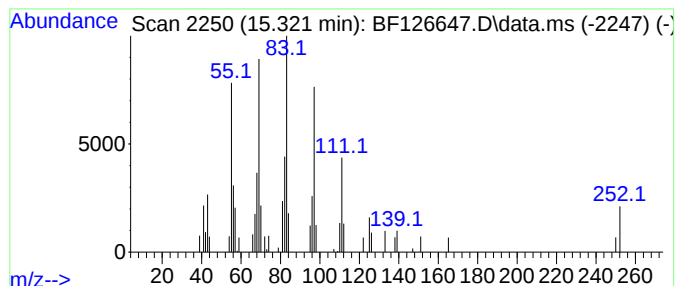
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Chloroacetic acid, tridecyl... Concentration Rank 11

| R.T.      | EstConc                             | Area  | Relative to ISTD |            | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|------------|-------------|------|
| 15.321    | 2.75 ng                             | 88514 | Perylene-d12     |            | 15.663      |      |
| Hit# of 5 | Tentative ID                        |       | MW               | MolForm    | CAS#        | Qual |
| 1         | Chloroacetic acid, tridecyl ester   |       | 276              | C15H29ClO2 | 018277-85-5 | 72   |
| 2         | Acetic acid, trifluoro-, dodecyl... |       | 282              | C14H25F3O2 | 006222-00-0 | 72   |
| 3         | 12-Bromo-1-dodecanol                |       | 264              | C12H25BrO  | 003344-77-2 | 53   |
| 4         | Cyclopentane, (2-methylpropyl)-     |       | 126              | C9H18      | 003788-32-7 | 41   |
| 5         | Behenic alcohol                     |       | 326              | C22H46O    | 000661-19-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
Sample : N1243-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
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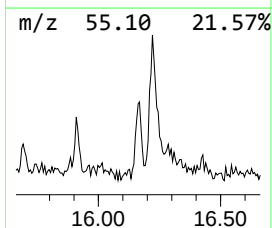
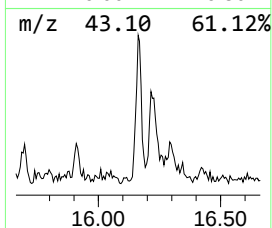
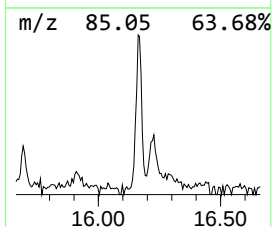
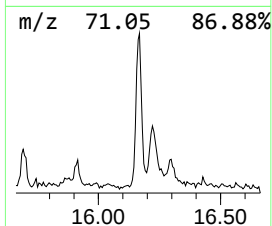
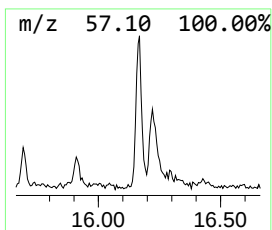
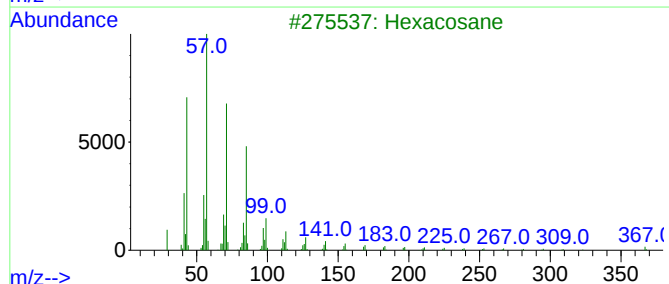
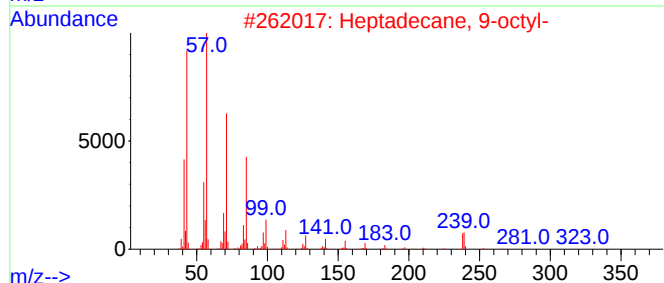
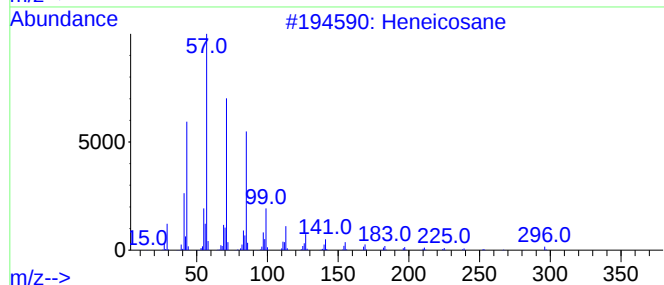
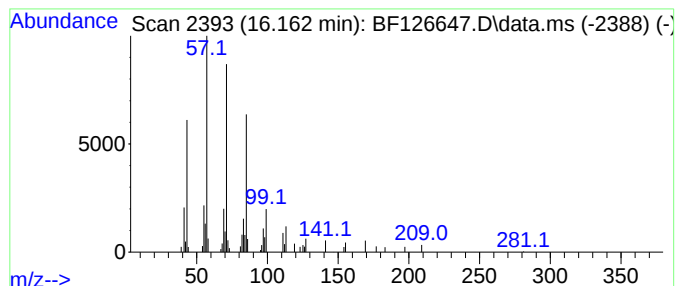
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heneicosane Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.163 | 3.99 ng | 128507 | Perylene-d12     | 15.663 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------|-----|---------|--------------|------|
| 1    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 2    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |
| 3    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3  | 91   |
| 4    |    |   | Eicosane, 1-iodo-     | 408 | C20H41I | 1000406-31-8 | 90   |
| 5    |    |   | Triacontane           | 422 | C30H62  | 000638-68-6  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
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Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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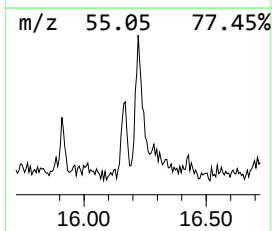
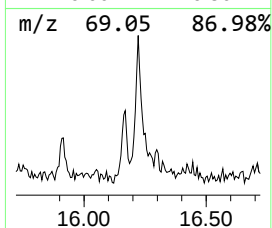
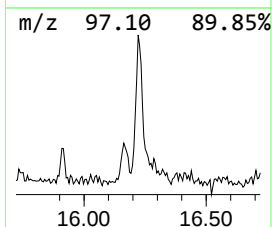
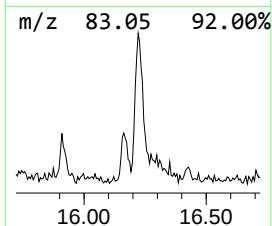
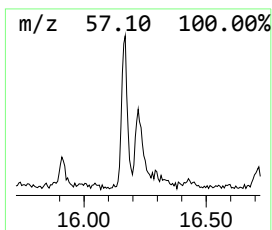
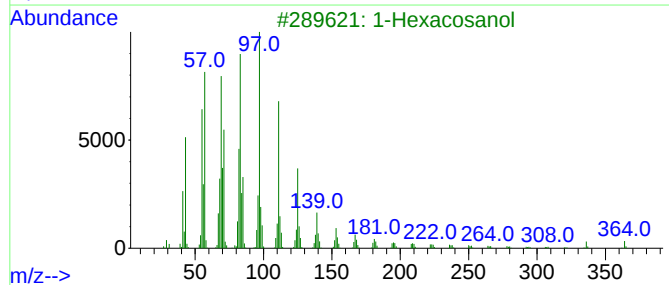
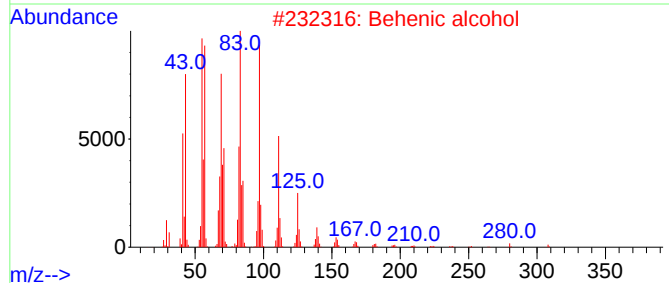
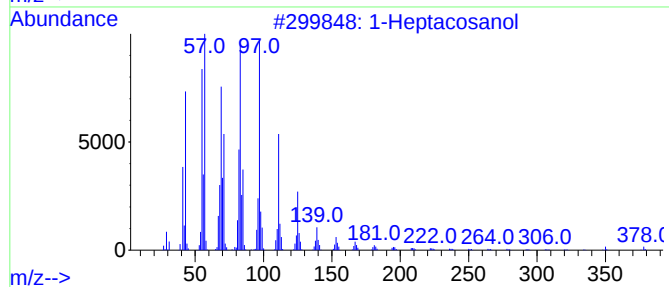
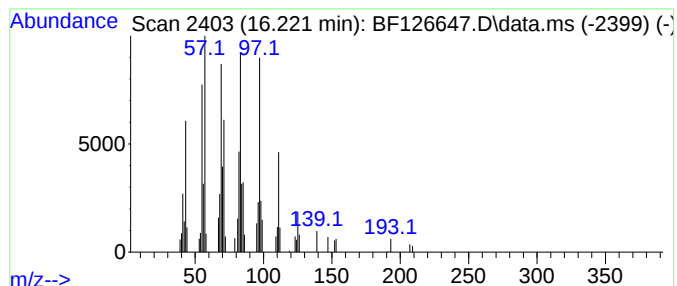
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 1-Heptacosanol Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 16.221    | 5.46 ng                             | 175755 | Perylene-d12     | 15.663      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Heptacosanol                      | 396    | C27H56O          | 002004-39-9 | 94   |
| 2         | Behenic alcohol                     | 326    | C22H46O          | 000661-19-8 | 93   |
| 3         | 1-Hexacosanol                       | 382    | C26H54O          | 000506-52-5 | 91   |
| 4         | 1-Hexacosene                        | 364    | C26H52           | 018835-33-1 | 90   |
| 5         | Trichloroacetic acid, pentadecyl... | 372    | C17H31Cl3O2      | 074339-53-0 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :  
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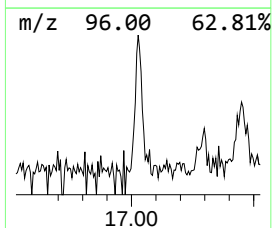
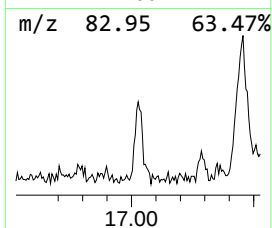
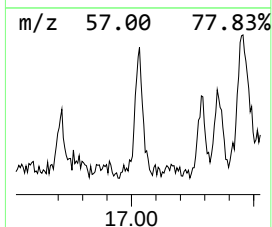
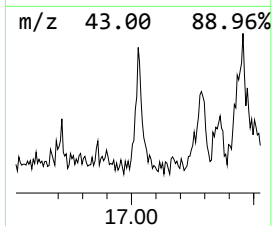
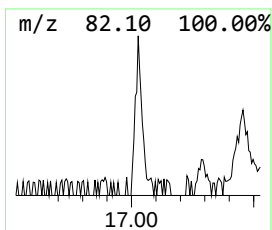
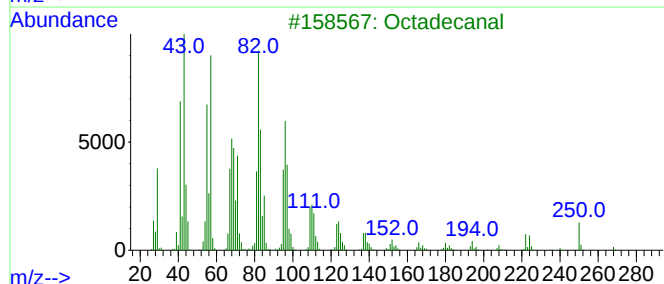
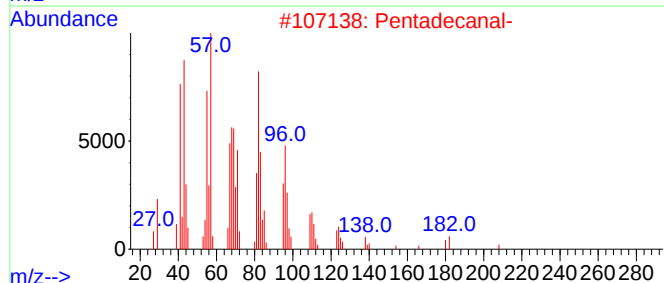
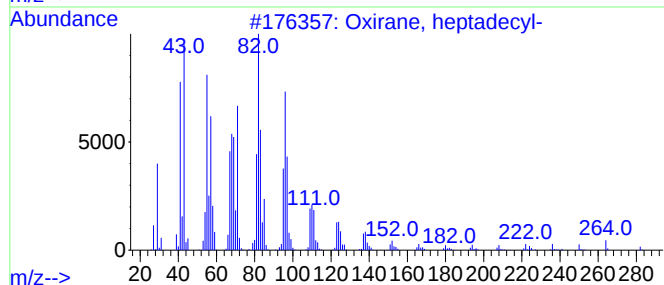
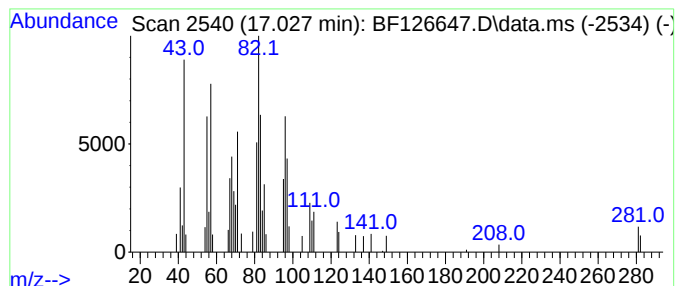
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Oxirane, heptadecyl- Concentration Rank 10

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 17.027 | 2.79 ng | 90025 | Perylene-d12     | 15.663 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#         | Qual |
|------|------|----------------------|-----|---------|--------------|------|
| 1    |      | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2  | 90   |
| 2    |      | Pentadecanal-        | 226 | C15H30O | 002765-11-9  | 90   |
| 3    |      | Octadecanal          | 268 | C18H36O | 000638-66-4  | 86   |
| 4    |      | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0  | 83   |
| 5    |      | Heptadecanal         | 254 | C17H34O | 1000376-70-0 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
Sample : N1243-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

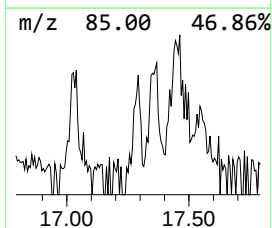
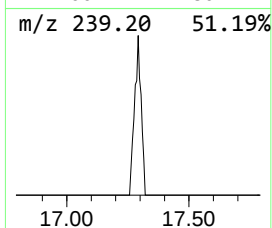
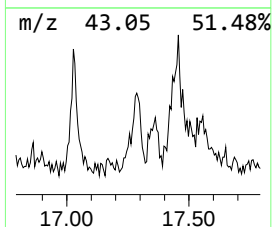
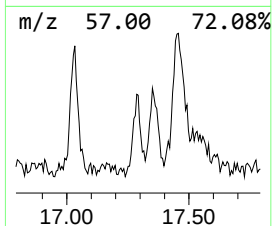
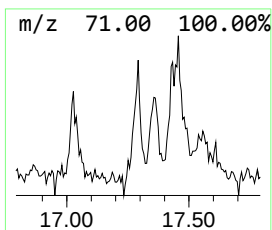
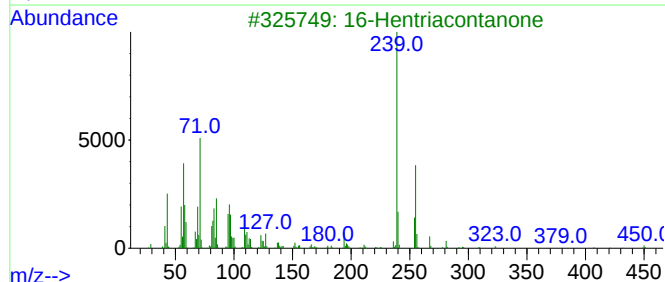
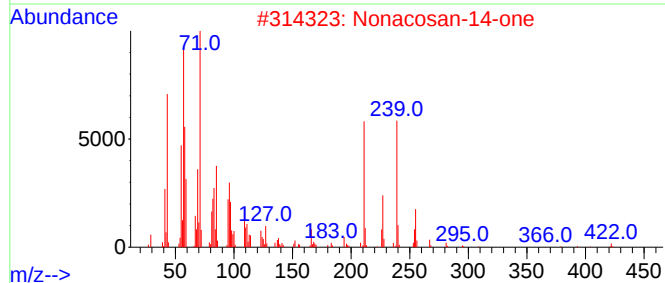
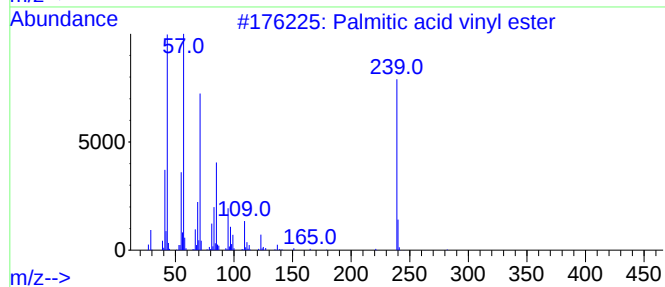
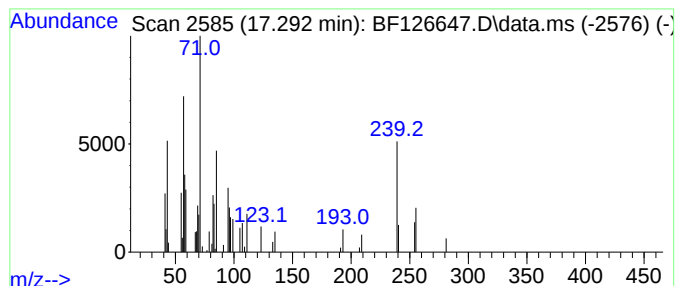
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Palmitic acid vinyl ester Concentration Rank 13

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 17.292 | 2.03 ng | 65300 | Perylene-d12     | 15.663 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Palmitic acid vinyl ester          | 282 | C18H34O2 | 000693-38-9 | 53   |
| 2    |    |   | Nonacosan-14-one                   | 422 | C29H58O  | 034394-11-1 | 50   |
| 3    |    |   | 16-Hentriacontanone                | 450 | C31H62O  | 000502-73-8 | 50   |
| 4    |    |   | Nonadecane, 4-methyl-              | 282 | C20H42   | 025117-27-5 | 40   |
| 5    |    |   | Hexadecane, 2,6,11,15-tetramethyl- | 282 | C20H42   | 000504-44-9 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
Sample : N1243-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

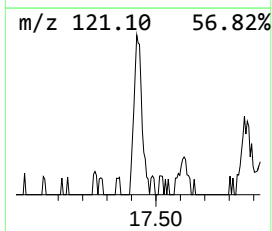
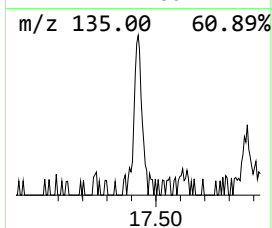
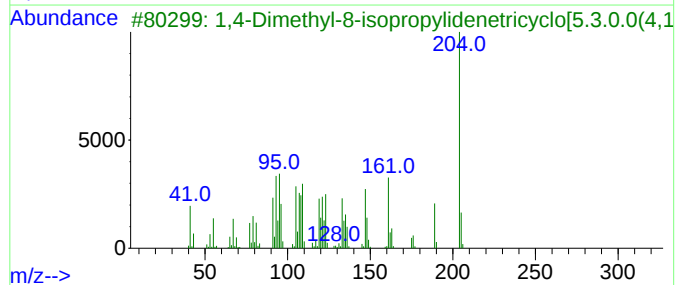
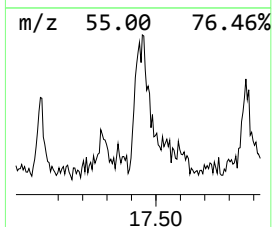
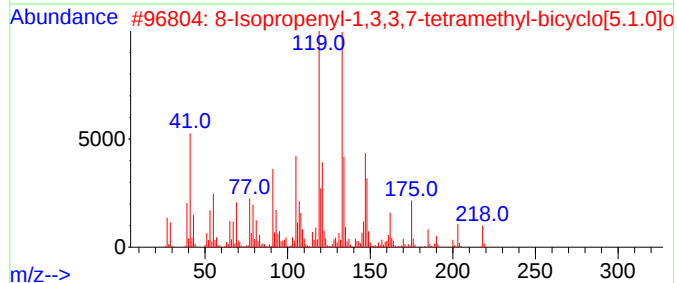
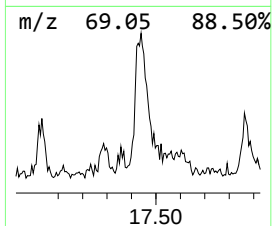
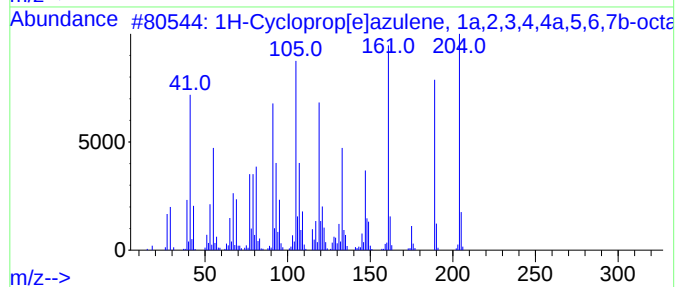
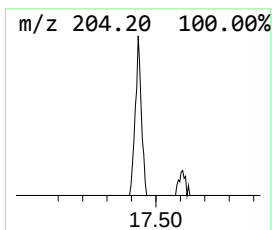
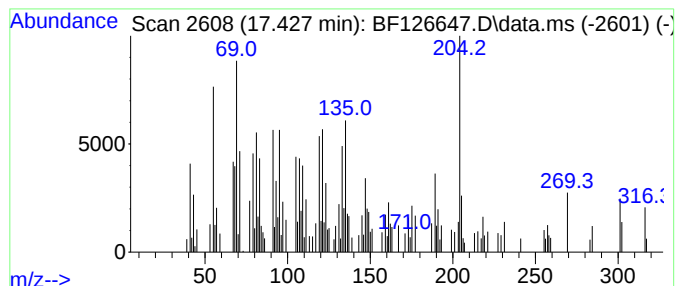
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 2

| R.T.   | EstConc  | Area                                | Relative to ISTD | R.T.            |
|--------|----------|-------------------------------------|------------------|-----------------|
| 17.427 | 11.36 ng | 365866                              | Perylene-d12     | 15.663          |
| Hit#   | of 5     | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1      |          | 1H-Cycloprop[e]azulene, 1a,2,3,4... | 204 C15H24       | 000489-40-7 60  |
| 2      |          | 8-Isopropenyl-1,3,3,7-tetramethy... | 218 C15H220      | 1000189-25-8 55 |
| 3      |          | 1,4-Dimethyl-8-isopropylidenetri... | 204 C15H24       | 1010140-07-7 53 |
| 4      |          | 1,1,4a-Trimethyl-5,6-dimethylene... | 204 C15H24       | 1000193-60-8 53 |
| 5      |          | Farnesyl bromide                    | 284 C15H25Br     | 006874-67-5 38  |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
Sample : N1243-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

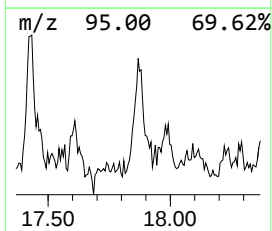
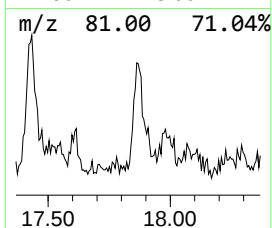
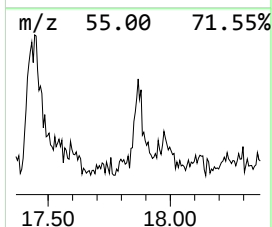
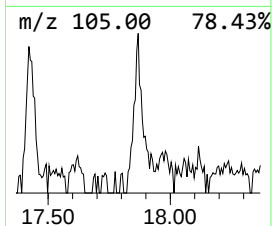
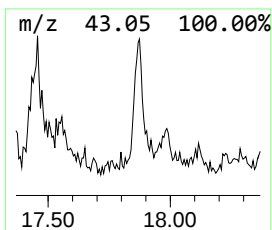
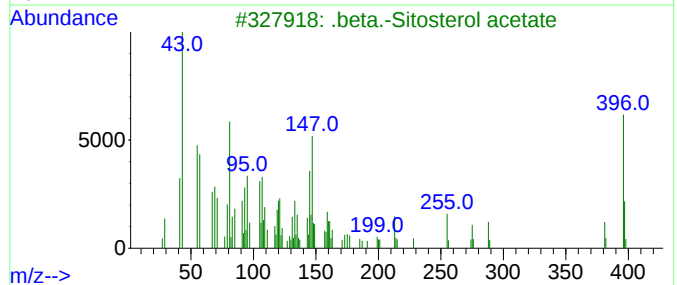
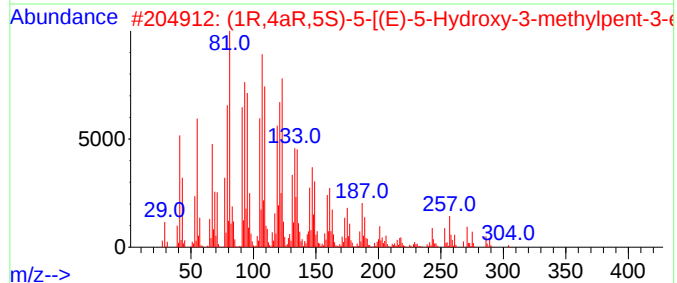
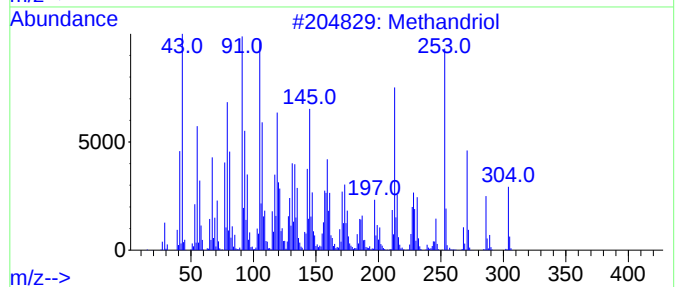
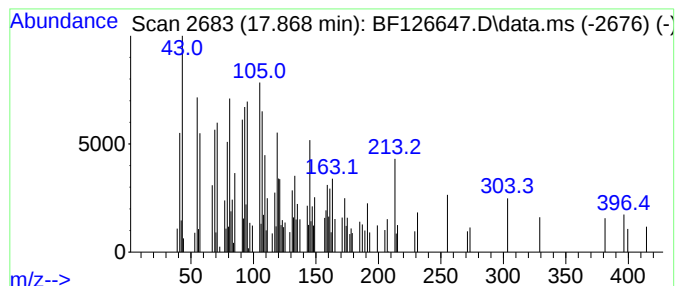
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 unknown17.868 Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.868 | 6.35 ng | 204626 | Perylene-d12     | 15.663 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Methandriol                         | 304 | C20H32O2 | 000521-10-8  | 35   |
| 2    |      | (1R,4aR,5S)-5-[(E)-5-Hydroxy-3-m... | 304 | C20H32O2 | 1214984-94-7 | 25   |
| 3    |      | .beta.-Sitosterol acetate           | 456 | C31H52O2 | 000915-05-9  | 25   |
| 4    |      | 5-Cholene, 3,24-dihydroxy-          | 360 | C24H40O2 | 1000251-69-2 | 12   |
| 5    |      | Stigmasta-3,5-diene                 | 396 | C29H48   | 004970-37-0  | 12   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012422\  
Data File : BF126647.D  
Acq On : 24 Jan 2022 18:58  
Operator : CG/JU  
Sample : N1243-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AMI-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.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 |
| Butane, 2-metho... | 2.299  | 10.1    | ng    | 359188   | 1                     | 6.963  | 710453 | 20.0 |
| Pentacosane        | 11.380 | 2.6     | ng    | 128080   | 4                     | 11.498 | 996942 | 20.0 |
| n-Hexadecanoic ... | 12.010 | 4.2     | ng    | 211265   | 4                     | 11.498 | 996942 | 20.0 |
| n-Nonadecanol-1    | 13.974 | 17.9    | ng    | 580456   | 5                     | 14.139 | 647655 | 20.0 |
| 1-Hexacosanol      | 14.616 | 7.1     | ng    | 230984   | 5                     | 14.139 | 647655 | 20.0 |
| Hexacosane         | 15.286 | 4.7     | ng    | 149828   | 6                     | 15.663 | 644258 | 20.0 |
| Chloroacetic ac... | 15.321 | 2.8     | ng    | 88514    | 6                     | 15.663 | 644258 | 20.0 |
| Heneicosane        | 16.163 | 4.0     | ng    | 128507   | 6                     | 15.663 | 644258 | 20.0 |
| 1-Heptacosanol     | 16.221 | 5.5     | ng    | 175755   | 6                     | 15.663 | 644258 | 20.0 |
| Oxirane, heptad... | 17.027 | 2.8     | ng    | 90025    | 6                     | 15.663 | 644258 | 20.0 |
| Palmitic acid v... | 17.292 | 2.0     | ng    | 65300    | 6                     | 15.663 | 644258 | 20.0 |
| 1H-Cycloprop[e]... | 17.427 | 11.4    | ng    | 365866   | 6                     | 15.663 | 644258 | 20.0 |
| unknown17.868      | 17.868 | 6.3     | ng    | 204626   | 6                     | 15.663 | 644258 | 20.0 |