

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
 Data File : BF125011.D  
 Acq On : 9 Aug 2021 20:28  
 Operator : JU/CG  
 Sample : M3321-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CARLSTADT

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-BF080421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125011.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         | 5.034       | 498           | 501         | 506          | rBB      | 5405           | 6018          | 3.30%           | 0.492%        |
| 2         | 5.434       | 566           | 569         | 573          | rBV      | 147975         | 140133        | 76.81%          | 11.463%       |
| 3         | 6.451       | 738           | 742         | 745          | rBV      | 165722         | 146354        | 80.22%          | 11.972%       |
| 4         | 6.816       | 801           | 804         | 807          | rBB      | 43720          | 34085         | 18.68%          | 2.788%        |
| 5         | 7.380       | 896           | 900         | 903          | rBB      | 106700         | 96376         | 52.82%          | 7.883%        |
| 6         | 8.004       | 1003          | 1006        | 1012         | rBB      | 44246          | 32360         | 17.74%          | 2.647%        |
| 7         | 8.098       | 1019          | 1022        | 1026         | rBB      | 53732          | 44561         | 24.42%          | 3.645%        |
| 8         | 9.174       | 1201          | 1205        | 1208         | rBV      | 221275         | 182447        | 100.00%         | 14.924%       |
| 9         | 9.857       | 1317          | 1321        | 1324         | rBB      | 60310          | 50148         | 27.49%          | 4.102%        |
| 10        | 10.645      | 1451          | 1455        | 1458         | rBB      | 103984         | 91668         | 50.24%          | 7.498%        |
| 11        | 11.339      | 1570          | 1573        | 1576         | rBV      | 61777          | 45395         | 24.88%          | 3.713%        |
| 12        | 11.363      | 1576          | 1577        | 1579         | rVB      | 5629           | 2507          | 1.37%           | 0.205%        |
| 13        | 11.868      | 1660          | 1663        | 1665         | rBB      | 14298          | 10745         | 5.89%           | 0.879%        |
| 14        | 12.551      | 1776          | 1779        | 1782         | rBB      | 12539          | 8992          | 4.93%           | 0.736%        |
| 15        | 12.651      | 1794          | 1796        | 1801         | rBB      | 10169          | 7550          | 4.14%           | 0.618%        |
| 16        | 12.780      | 1815          | 1818        | 1821         | rVB      | 10038          | 7837          | 4.30%           | 0.641%        |
| 17        | 12.921      | 1838          | 1842        | 1845         | rBV      | 164710         | 131286        | 71.96%          | 10.739%       |
| 18        | 13.827      | 1993          | 1996        | 2004         | rBB4     | 3638           | 7051          | 3.86%           | 0.577%        |
| 19        | 13.974      | 2016          | 2021        | 2024         | rBV      | 35624          | 32885         | 18.02%          | 2.690%        |
| 20        | 14.004      | 2024          | 2026        | 2028         | rVB      | 4012           | 2795          | 1.53%           | 0.229%        |
| 21        | 14.439      | 2097          | 2100        | 2102         | rBB      | 4147           | 3362          | 1.84%           | 0.275%        |
| 22        | 14.462      | 2102          | 2104        | 2109         | rBV2     | 2749           | 4291          | 2.35%           | 0.351%        |
| 23        | 14.815      | 2161          | 2164        | 2167         | rBB      | 2310           | 2338          | 1.28%           | 0.191%        |
| 24        | 15.009      | 2193          | 2197        | 2200         | rBV      | 5256           | 6763          | 3.71%           | 0.553%        |
| 25        | 15.068      | 2204          | 2207        | 2212         | rBB      | 23027          | 24751         | 13.57%          | 2.025%        |
| 26        | 15.303      | 2244          | 2247        | 2250         | rVB      | 2948           | 2576          | 1.41%           | 0.211%        |
| 27        | 15.368      | 2255          | 2258        | 2261         | rBB      | 4099           | 3756          | 2.06%           | 0.307%        |
| 28        | 15.433      | 2265          | 2269        | 2276         | rBB2     | 26593          | 31374         | 17.20%          | 2.566%        |
| 29        | 15.868      | 2338          | 2343        | 2348         | rBB2     | 20414          | 29596         | 16.22%          | 2.421%        |
| 30        | 16.139      | 2385          | 2389        | 2396         | rBB      | 3139           | 4740          | 2.60%           | 0.388%        |
| 31        | 16.945      | 2524          | 2526        | 2531         | rVB2     | 2964           | 4001          | 2.19%           | 0.327%        |
| 32        | 17.462      | 2608          | 2614        | 2619         | rBV2     | 5067           | 10329         | 5.66%           | 0.845%        |
| 33        | 17.650      | 2640          | 2646        | 2649         | rBB      | 2909           | 3479          | 1.91%           | 0.285%        |
| 34        | 17.986      | 2698          | 2703        | 2711         | rBB4     | 4967           | 9969          | 5.46%           | 0.815%        |

Sum of corrected areas: 1222518

**Instrument :**

BNA\_F

**ClientSampleId :**

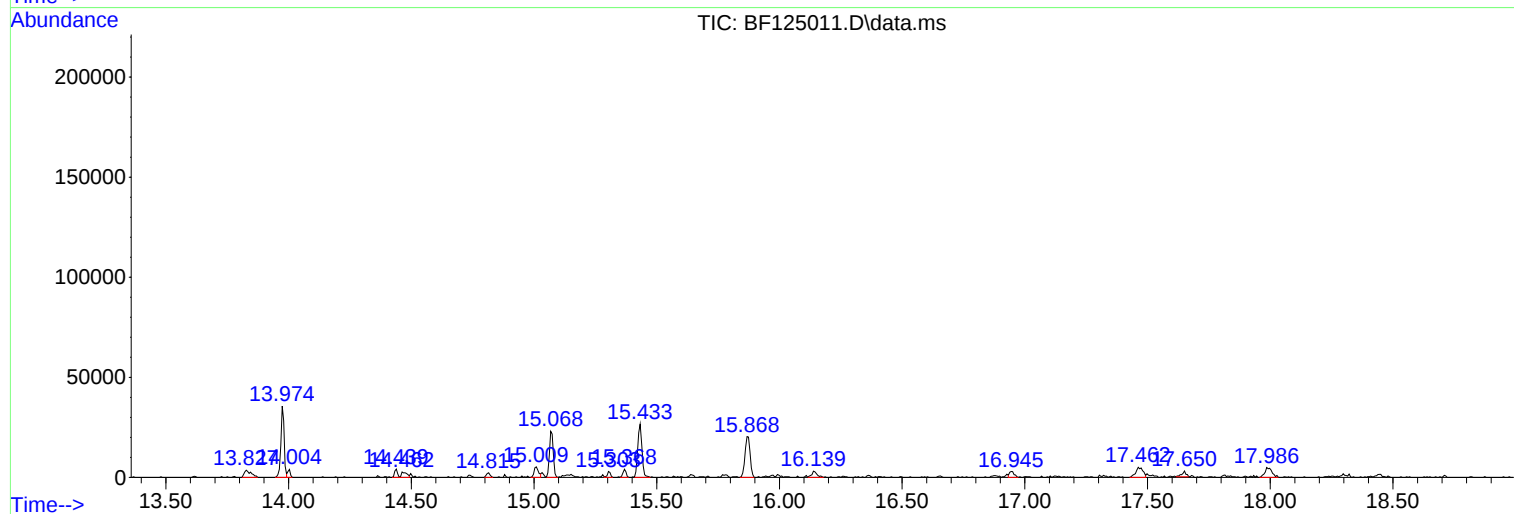
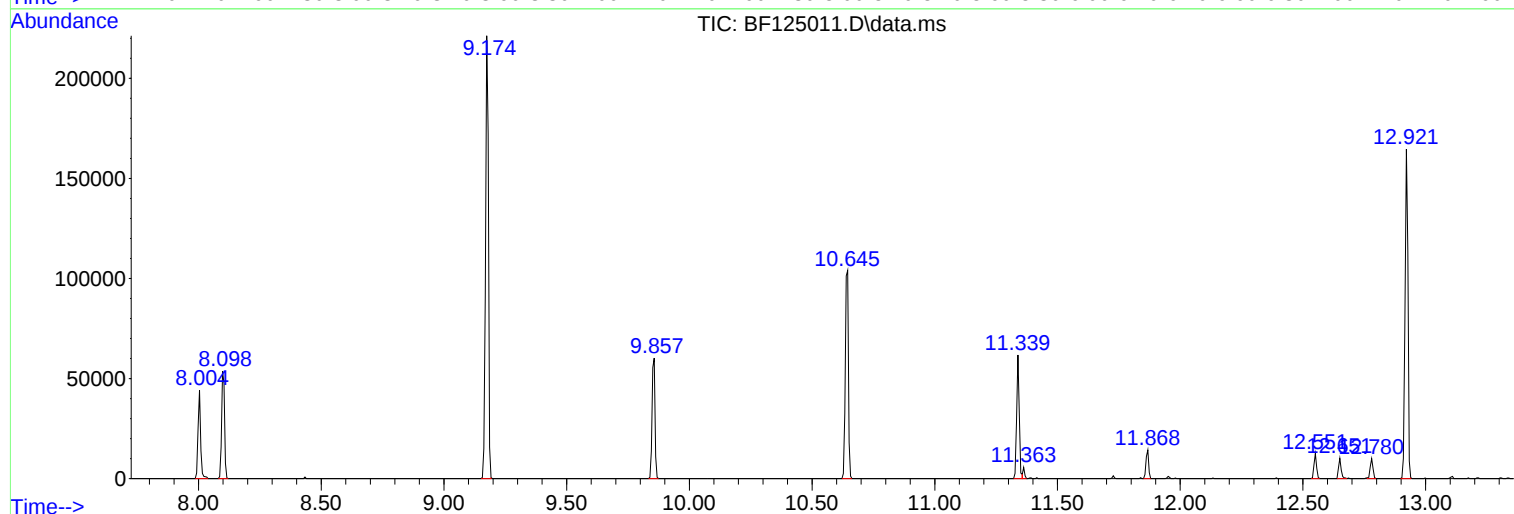
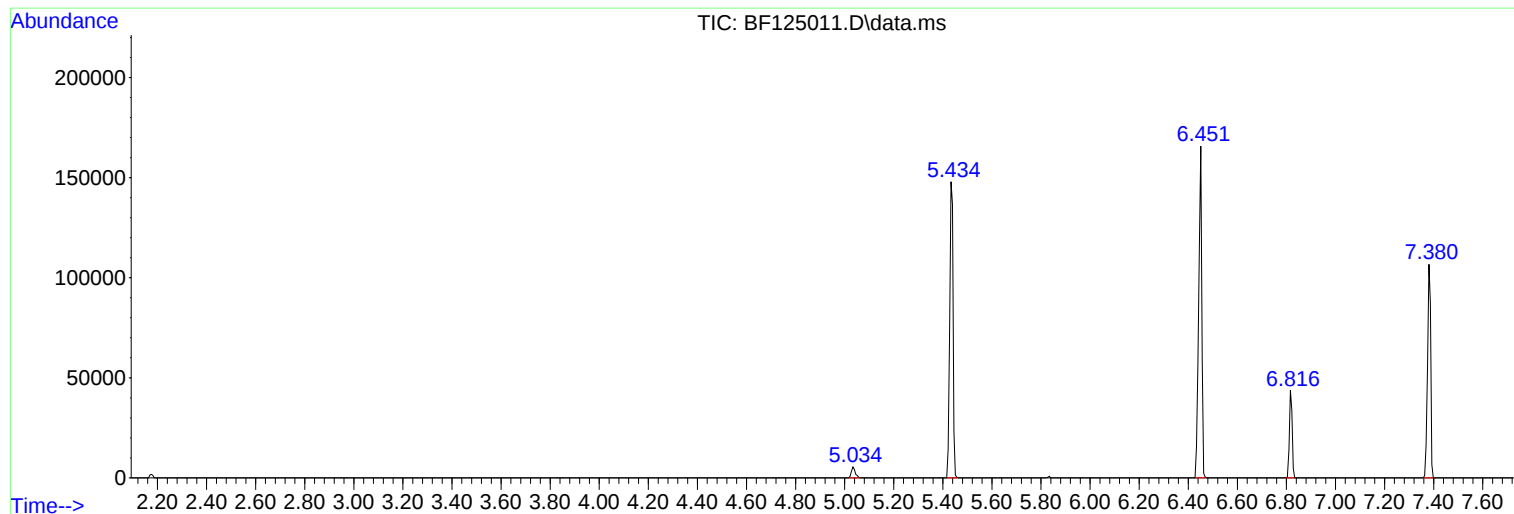
CARLSTADT

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.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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ClientSampleId :  
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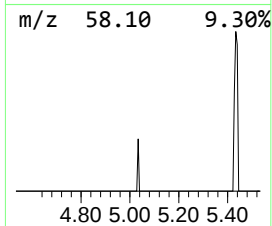
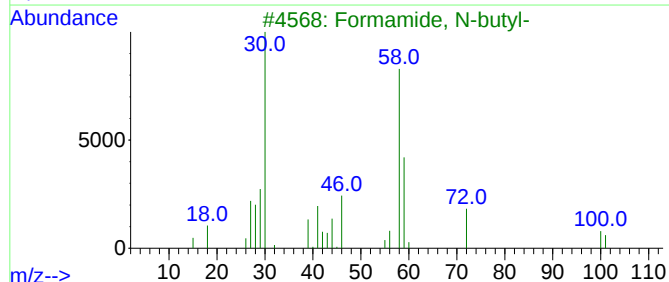
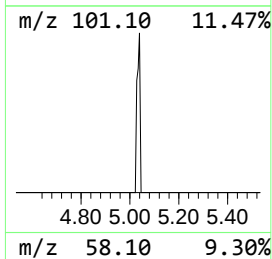
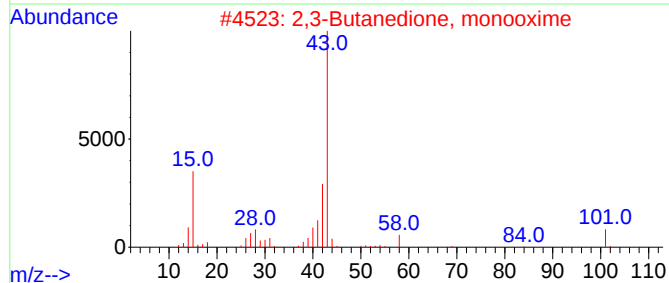
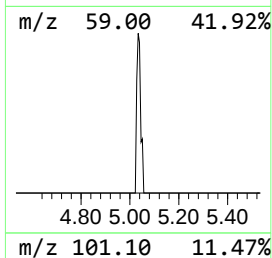
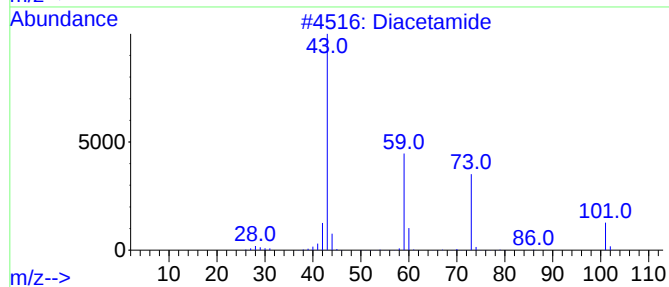
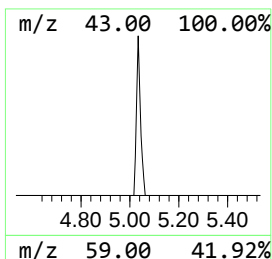
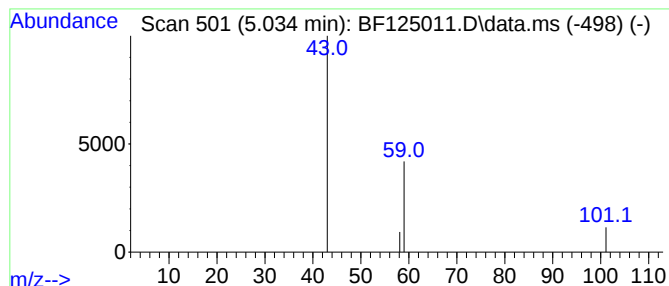
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown5.034 Concentration Rank 8

| R.T.  | EstConc | Area | Relative to ISTD       | R.T.  |
|-------|---------|------|------------------------|-------|
| 5.034 | 3.53 ng | 6018 | 1,4-Dichlorobenzene-d4 | 6.816 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Diacetamide                         | 101 | C4H7NO2 | 000625-77-4 | 7    |
| 2    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 4    |
| 3    |    |   | Formamide, N-butyl-                 | 101 | C5H11NO | 000871-71-6 | 4    |
| 4    |    |   | Propylamine                         | 59  | C3H9N   | 000107-10-8 | 3    |
| 5    |    |   | .alpha.-Amino-.gamma.-butyrolactone | 101 | C4H7NO2 | 001192-20-7 | 3    |



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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

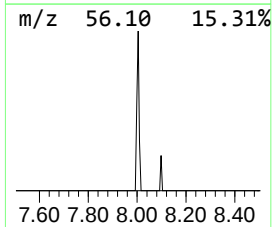
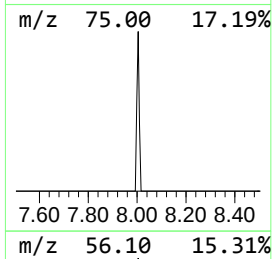
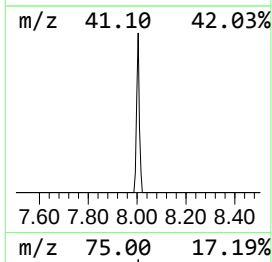
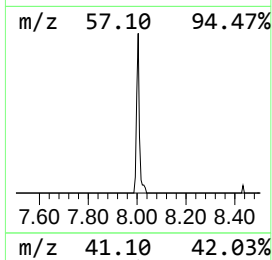
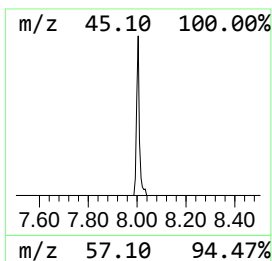
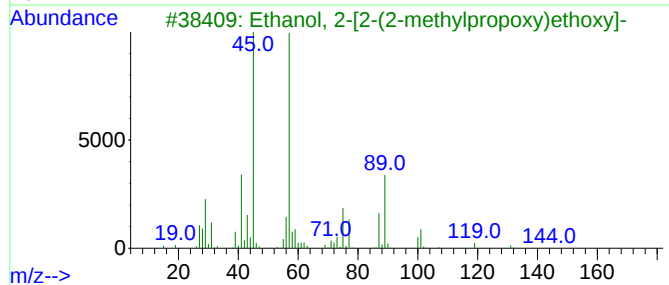
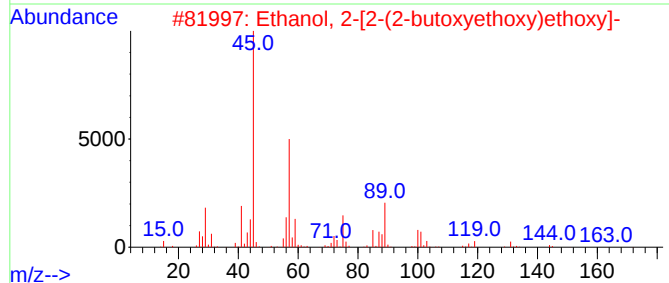
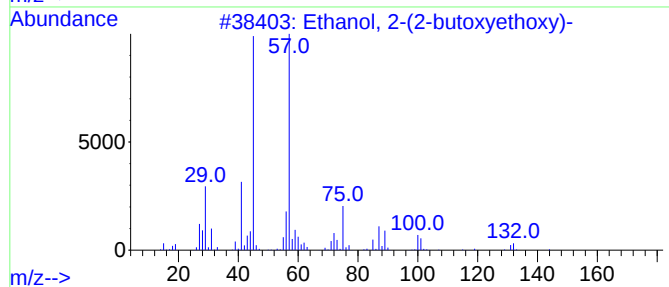
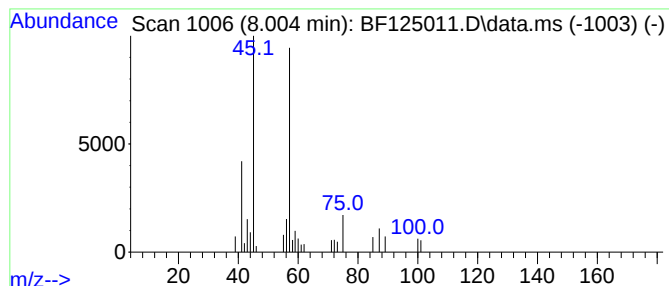
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

| R.T.  | EstConc  | Area  | Relative to ISTD | R.T.  |
|-------|----------|-------|------------------|-------|
| 8.004 | 14.52 ng | 32360 | Naphthalene-d8   | 8.098 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3  | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 2-[2-(2-butoxyethoxy)et... | 206 | C10H22O4 | 000143-22-6 | 64   |
| 3    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3  | 018912-80-6 | 56   |
| 4    |    |   | Di-sec-Butyl ether                  | 130 | C8H18O   | 006863-58-7 | 53   |
| 5    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2  | 004439-24-1 | 45   |



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Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

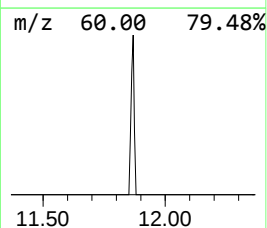
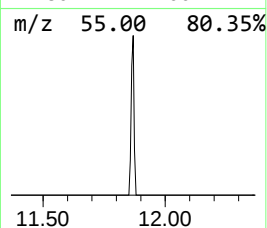
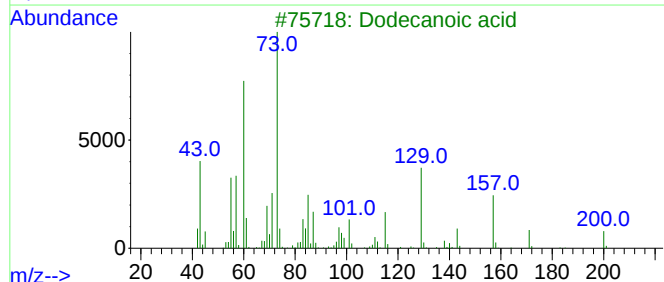
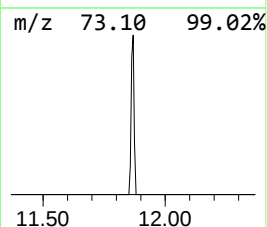
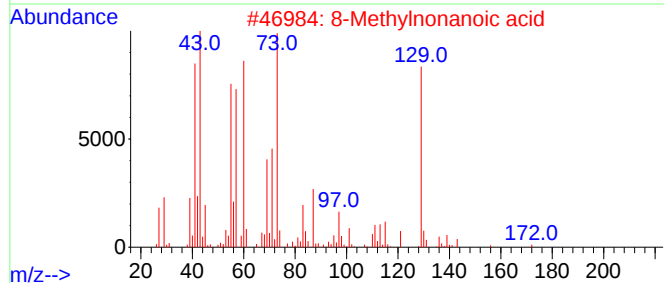
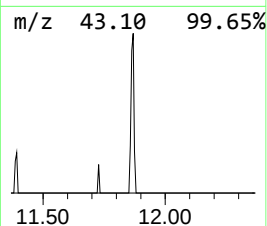
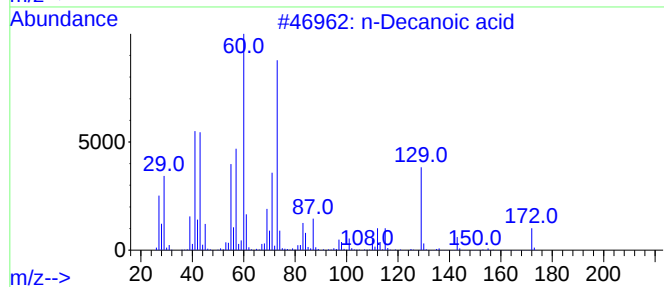
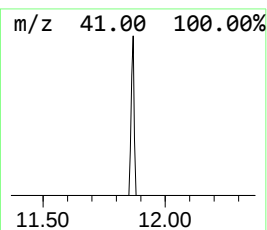
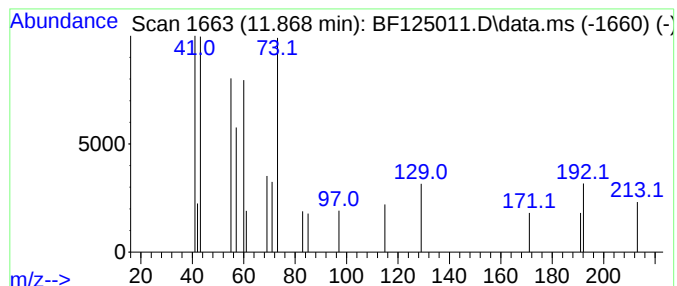
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown11.868 Concentration Rank 6

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.868 | 4.73 ng | 10745 | Phenanthrene-d10 | 11.339 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm    | CAS#        | Qual |
|------|----|---|--------------------------------|-----|------------|-------------|------|
| 1    |    |   | n-Decanoic acid                | 172 | C10H20O2   | 000334-48-5 | 47   |
| 2    |    |   | 8-Methylnonanoic acid          | 172 | C10H20O2   | 005963-14-4 | 43   |
| 3    |    |   | Dodecanoic acid                | 200 | C12H24O2   | 000143-07-7 | 40   |
| 4    |    |   | Decanoic acid, silver(1+) salt | 278 | C10H19AgO2 | 013126-67-5 | 40   |
| 5    |    |   | Undecanoic acid                | 186 | C11H22O2   | 000112-37-8 | 38   |



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Instrument :  
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ClientSampleId :  
CARLSTADT

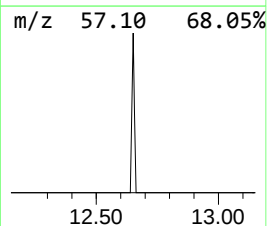
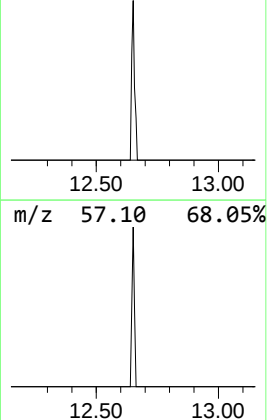
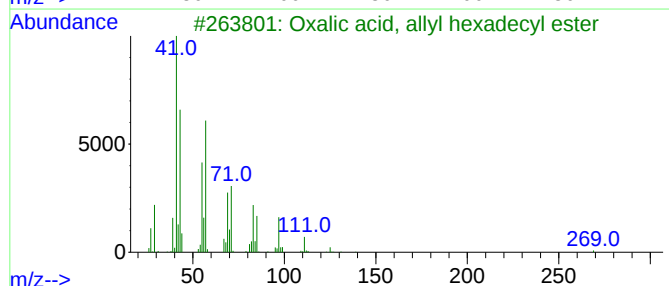
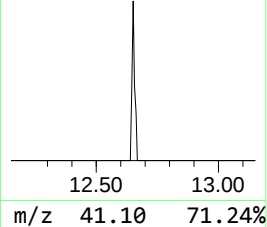
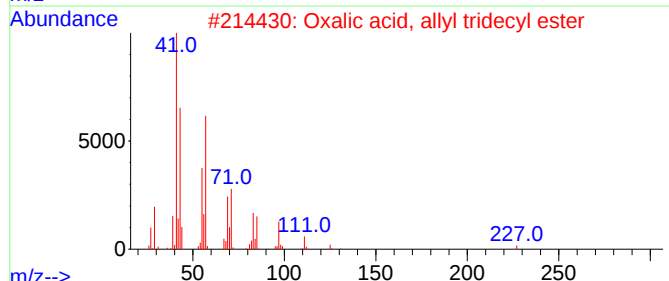
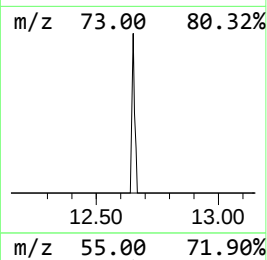
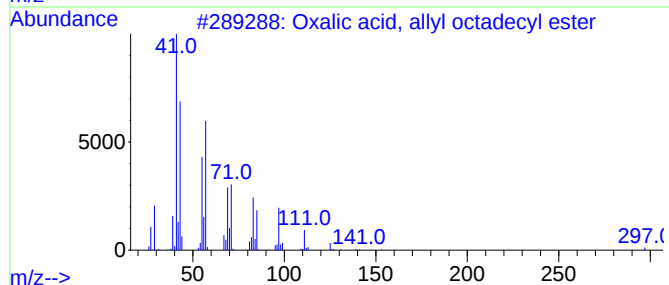
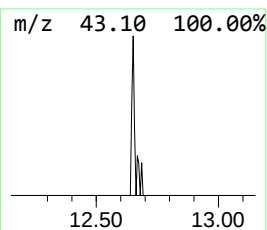
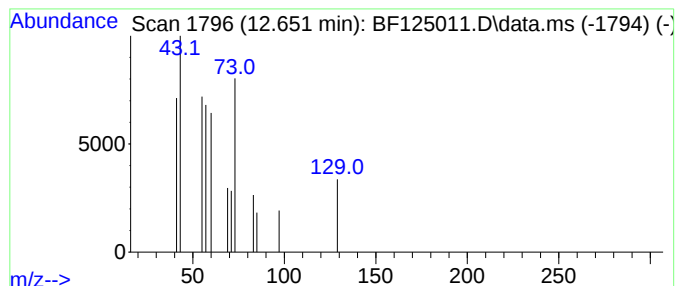
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 unknown12.651 Concentration Rank 9

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 12.651 | 3.33 ng | 7550 | Phenanthrene-d10 | 11.339 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Oxalic acid, allyl octadecyl ester | 382 | C23H42O4 | 1000309-24-5 | 38   |
| 2    |    |   | Oxalic acid, allyl tridecyl ester  | 312 | C18H32O4 | 1000309-24-1 | 38   |
| 3    |    |   | Oxalic acid, allyl hexadecyl ester | 354 | C21H38O4 | 1000309-24-4 | 32   |
| 4    |    |   | 1-Hexacosanol                      | 382 | C26H54O  | 000506-52-5  | 32   |
| 5    |    |   | n-Nonadecanol-1                    | 284 | C19H40O  | 001454-84-8  | 32   |



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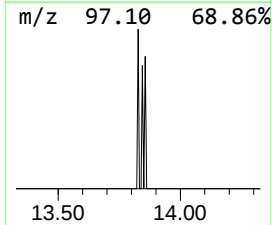
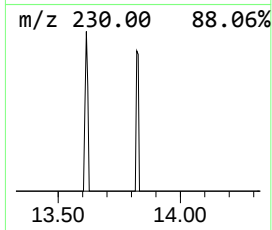
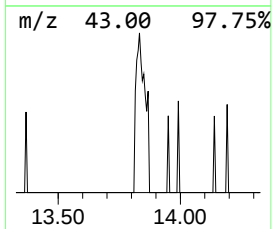
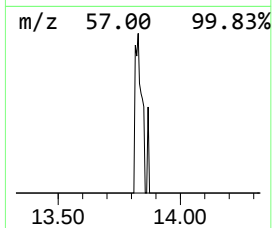
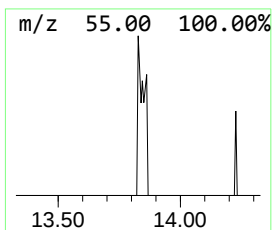
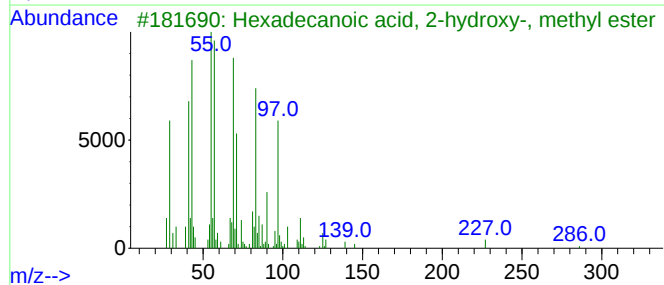
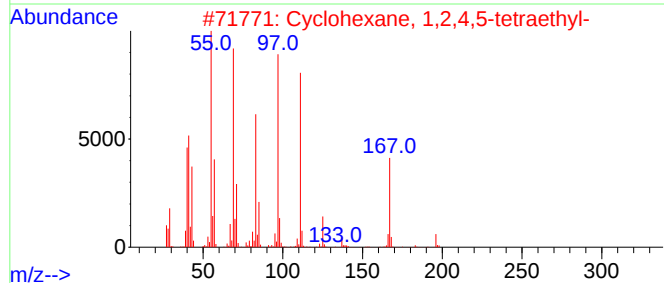
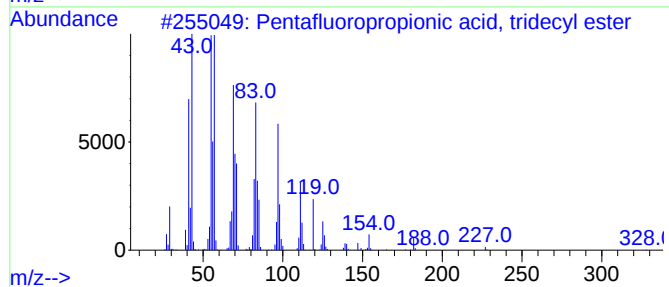
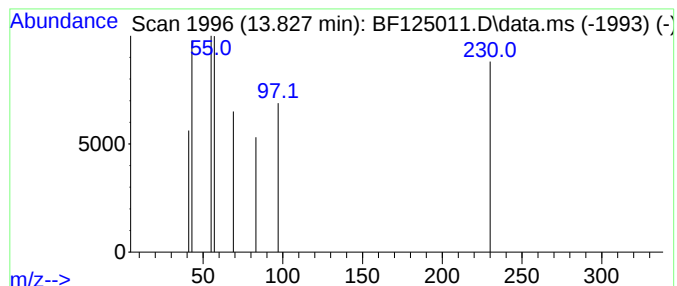
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 unknown13.827 Concentration Rank 7

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 13.827 | 4.29 ng | 7051 | Chrysene-d12     | 13.974 |

| Hit# | of | 5 | Tentative ID                                | MW  | MolForm    | CAS#        | Qual |
|------|----|---|---------------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Pentafluoropropionic acid, tridecyl ester   | 346 | C16H27F5O2 | 959261-22-4 | 38   |
| 2    |    |   | Cyclohexane, 1,2,4,5-tetraethyl-            | 196 | C14H28     | 061142-00-5 | 32   |
| 3    |    |   | Hexadecanoic acid, 2-hydroxy-, methyl ester | 286 | C17H34O3   | 016742-51-1 | 28   |
| 4    |    |   | Trifluoroacetic acid, pentadecyl ester      | 324 | C17H31F3O2 | 959010-23-2 | 25   |
| 5    |    |   | 1,7-Dimethyl-4-(1-methylethyl)cyclohexane   | 210 | C15H30     | 000645-10-3 | 23   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
Data File : BF125011.D  
Acq On : 9 Aug 2021 20:28  
Operator : JU/CG  
Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

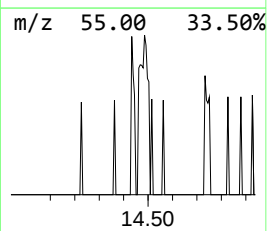
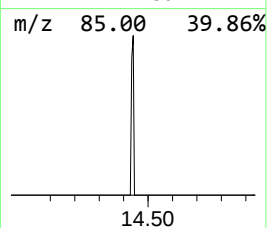
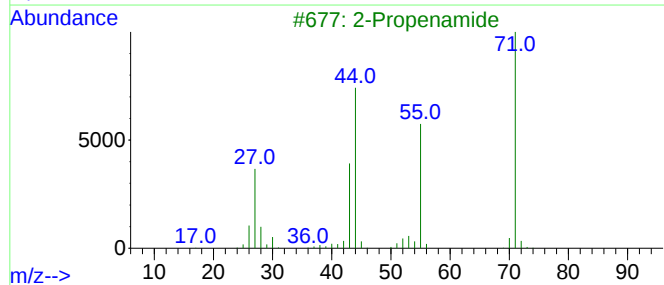
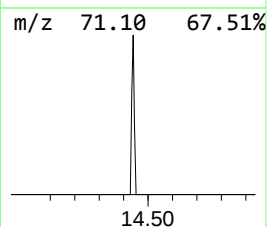
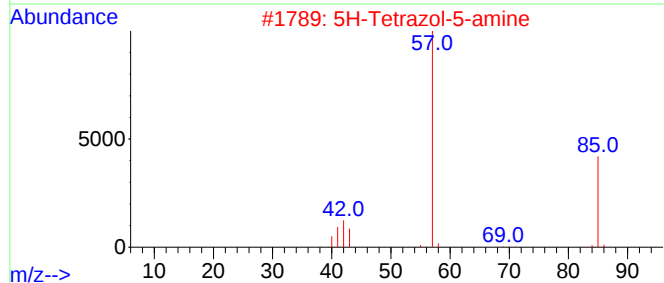
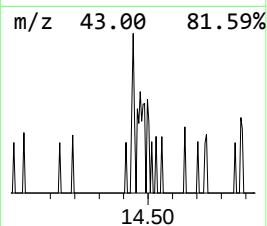
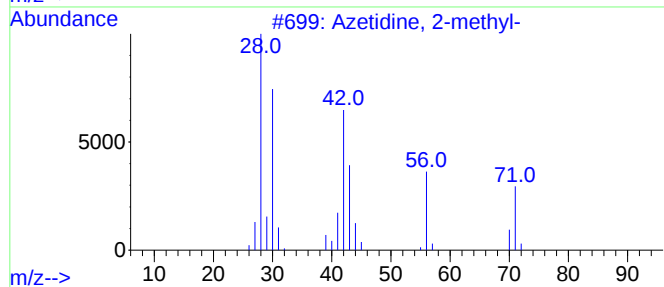
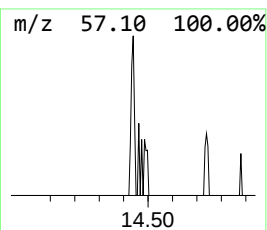
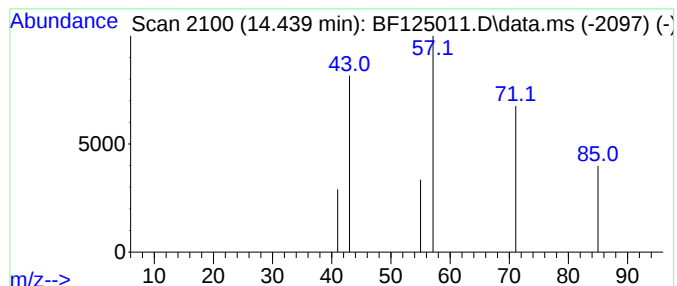
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown14.439 Concentration Rank 14

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 14.439 | 2.04 ng | 3362 | Chrysene-d12     | 13.974 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Azetidine, 2-methyl-                | 71  | C4H9N    | 019812-49-8  | 5    |
| 2    |    |   | 5H-Tetrazol-5-amine                 | 85  | CH3N5    | 1000273-02-0 | 4    |
| 3    |    |   | 2-Propenamide                       | 71  | C3H5NO   | 000079-06-1  | 4    |
| 4    |    |   | 1H-Tetrazol-5-amine                 | 85  | CH3N5    | 004418-61-5  | 4    |
| 5    |    |   | Oxalic acid, isohexyl neopentyl ... | 244 | C13H24O4 | 1000309-73-0 | 4    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
Data File : BF125011.D  
Acq On : 9 Aug 2021 20:28  
Operator : JU/CG  
Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

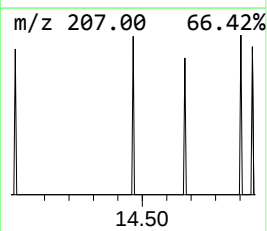
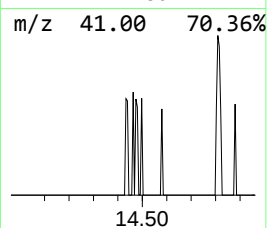
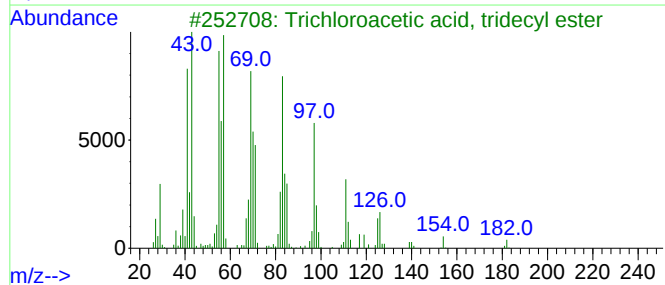
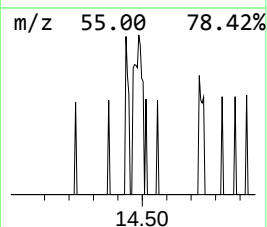
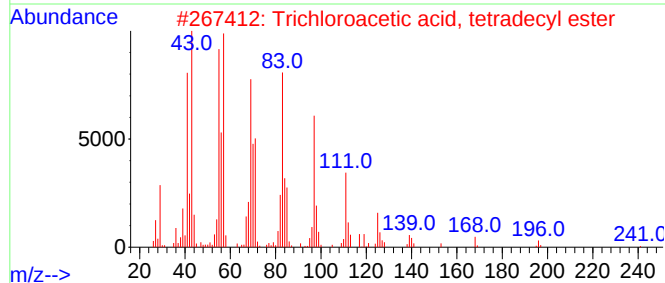
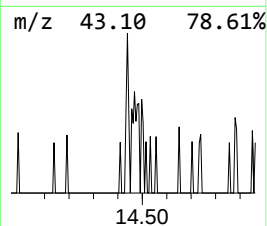
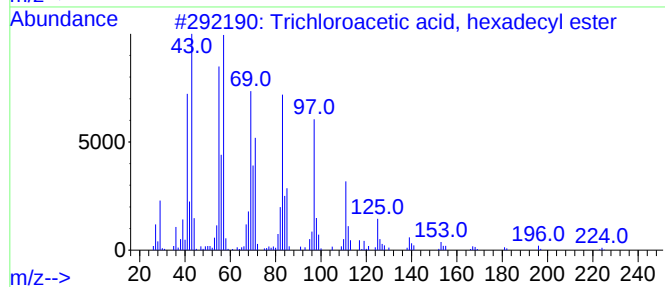
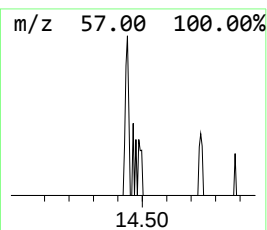
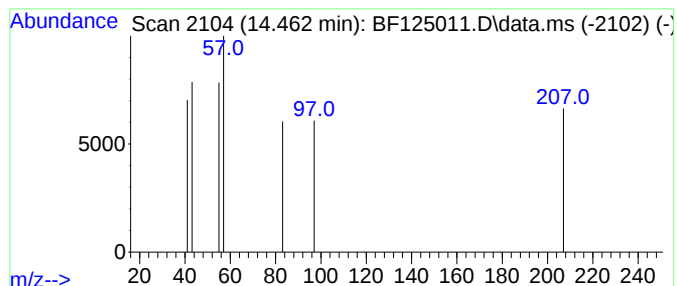
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 unknown14.462 Concentration Rank 11

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 14.462 | 2.61 ng | 4291 | Chrysene-d12     | 13.974 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 42   |
| 2    |    |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 42   |
| 3    |    |   | Trichloroacetic acid, tridecyl e... | 344 | C15H27Cl3O2 | 074339-51-8 | 42   |
| 4    |    |   | Trichloroacetic acid, dodecyl ester | 330 | C14H25Cl3O2 | 074339-50-7 | 42   |
| 5    |    |   | Pentafluoropropionic acid, tride... | 346 | C16H27F5O2  | 959261-22-4 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
Data File : BF125011.D  
Acq On : 9 Aug 2021 20:28  
Operator : JU/CG  
Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

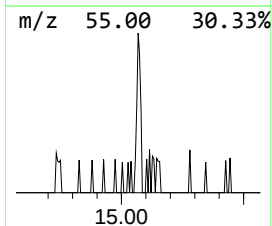
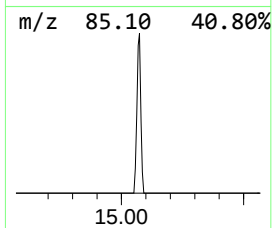
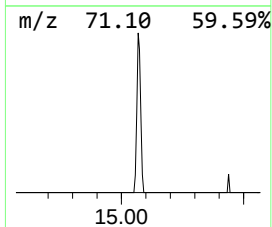
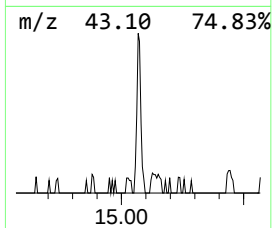
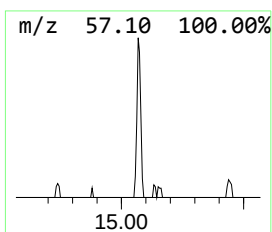
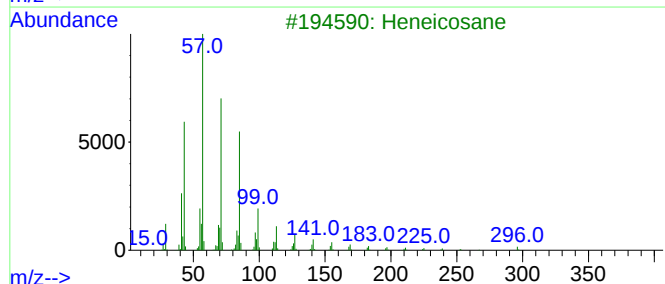
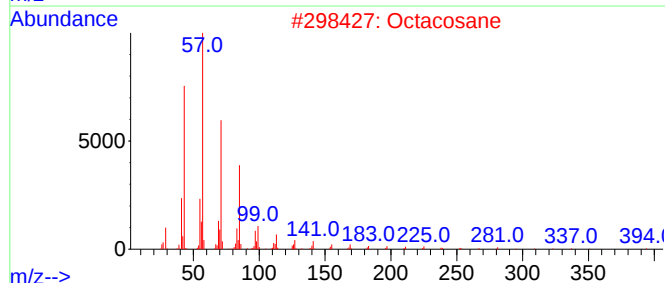
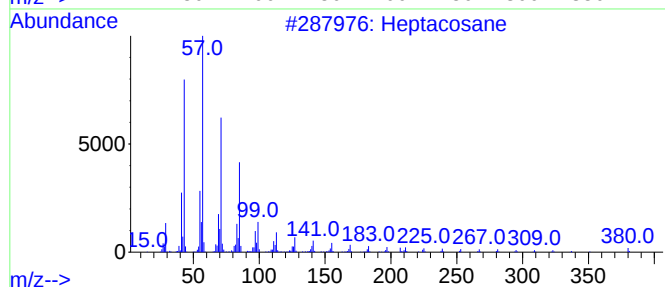
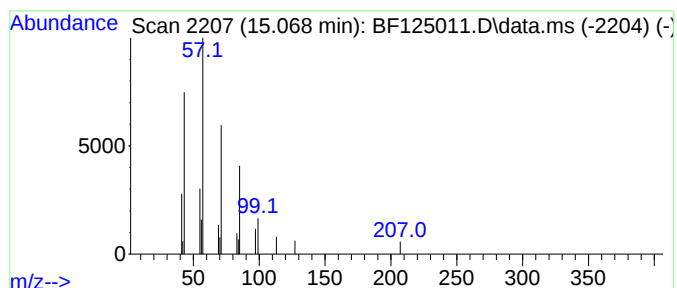
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heptacosane Concentration Rank 2

| R.T.   | EstConc  | Area  | Relative to ISTD | R.T.   |
|--------|----------|-------|------------------|--------|
| 15.068 | 15.78 ng | 24751 | Perylene-d12     | 15.433 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane     | 380 | C27H56  | 000593-49-7 | 90   |
| 2    |    |   | Octacosane      | 394 | C28H58  | 000630-02-4 | 90   |
| 3    |    |   | Heneicosane     | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    |   | Hentriacontane  | 437 | C31H64  | 000630-04-6 | 90   |
| 5    |    |   | Hexatriacontane | 507 | C36H74  | 000630-06-8 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
Data File : BF125011.D  
Acq On : 9 Aug 2021 20:28  
Operator : JU/CG  
Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

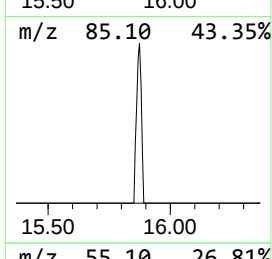
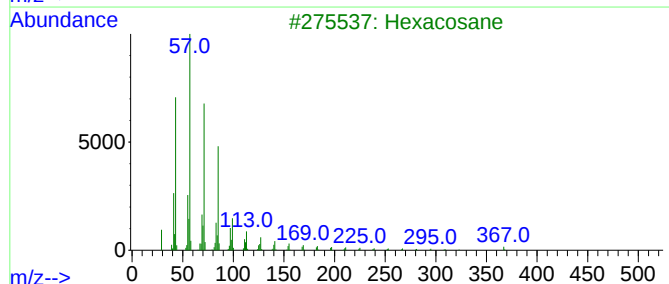
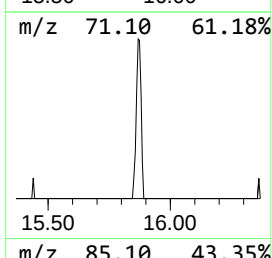
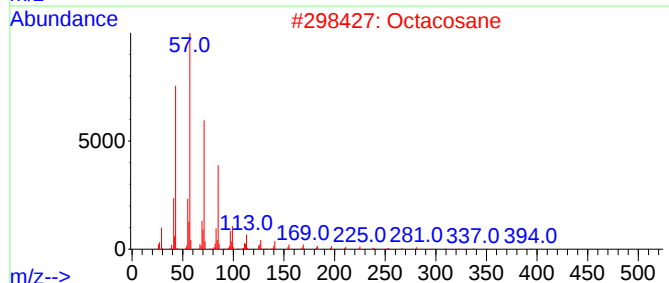
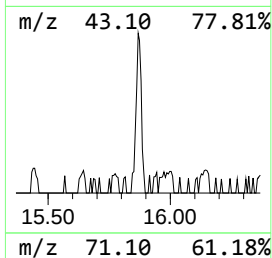
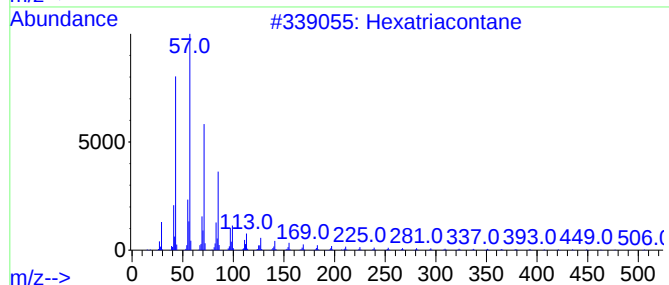
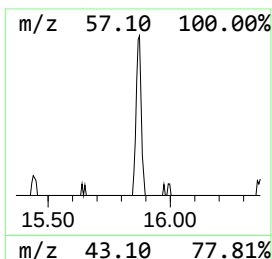
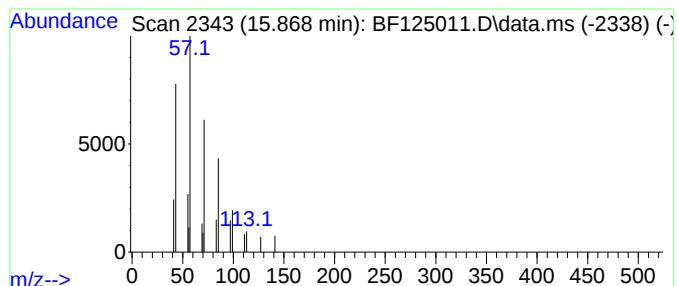
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Peak Number 9 Hexatriacontane Concentration Rank 1

| R.T.   | EstConc  | Area  | Relative to ISTD | R.T.   |
|--------|----------|-------|------------------|--------|
| 15.868 | 18.87 ng | 29596 | Perylene-d12     | 15.433 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Hexatriacontane   | 507 | C36H74  | 000630-06-8 | 86   |
| 2    |    |   | Octacosane        | 394 | C28H58  | 000630-02-4 | 86   |
| 3    |    |   | Hexacosane        | 366 | C26H54  | 000630-01-3 | 86   |
| 4    |    |   | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 78   |
| 5    |    |   | Tritetracontane   | 605 | C43H88  | 007098-21-7 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
Data File : BF125011.D  
Acq On : 9 Aug 2021 20:28  
Operator : JU/CG  
Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

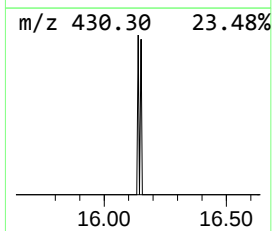
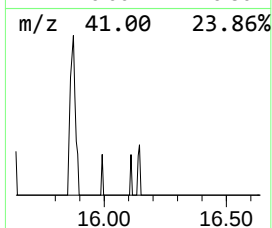
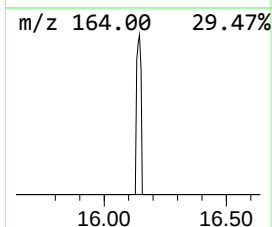
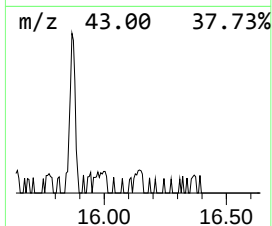
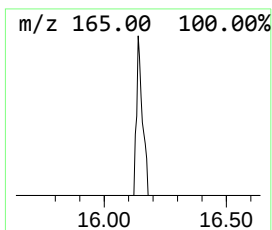
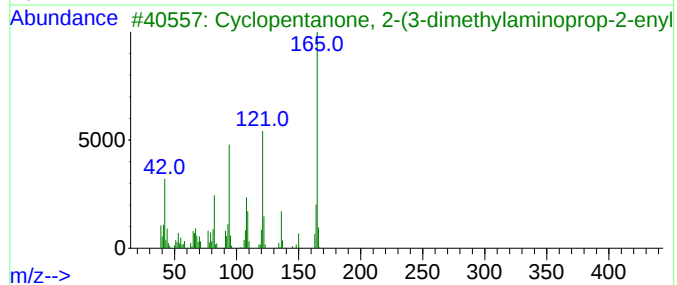
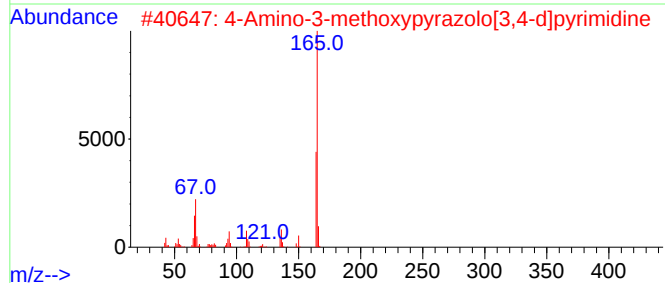
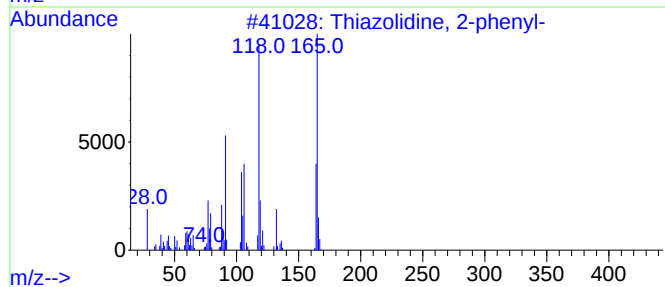
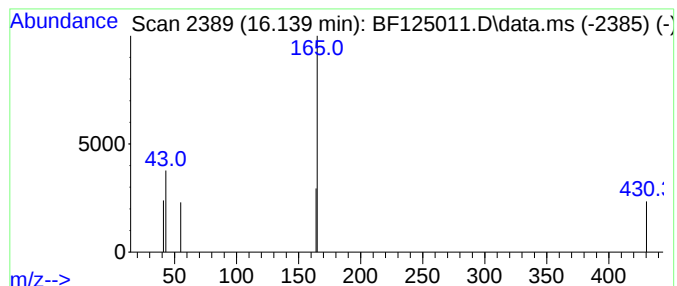
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 unknown16.139 Concentration Rank 10

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 16.139 | 3.02 ng | 4740 | Perylene-d12     | 15.433 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Thiazolidine, 2-phenyl-             | 165 | C9H11NS  | 004569-82-8 | 5    |
| 2    |    |   | 4-Amino-3-methoxypyrazolo[3,4-d]... | 165 | C6H7N5O  | 111375-22-5 | 5    |
| 3    |    |   | Cyclopentanone, 2-(3-dimethylami... | 165 | C10H15NO | 059543-53-2 | 5    |
| 4    |    |   | 2(3H)-Benzoxazothione, 5-methyl-    | 165 | C8H7NOS  | 022876-22-8 | 5    |
| 5    |    |   | 5-Allyl-2-amino-4-hydroxy-6-meth... | 165 | C8H11N3O | 006957-86-4 | 5    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
Data File : BF125011.D  
Acq On : 9 Aug 2021 20:28  
Operator : JU/CG  
Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

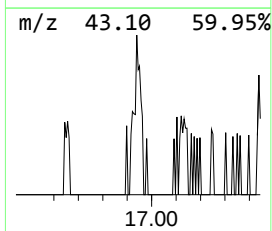
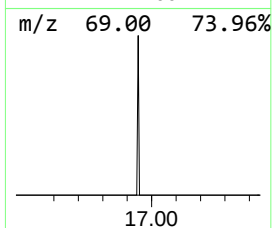
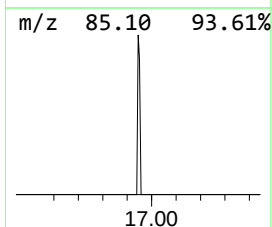
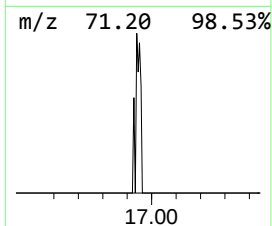
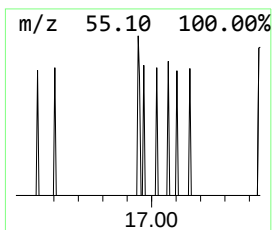
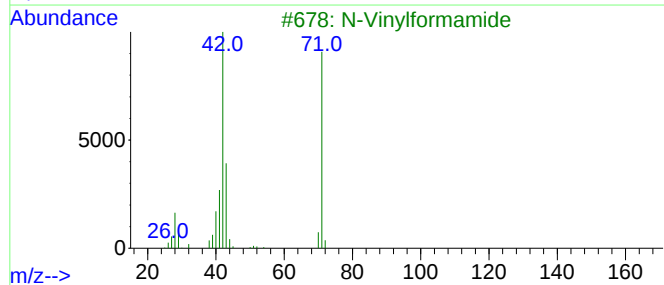
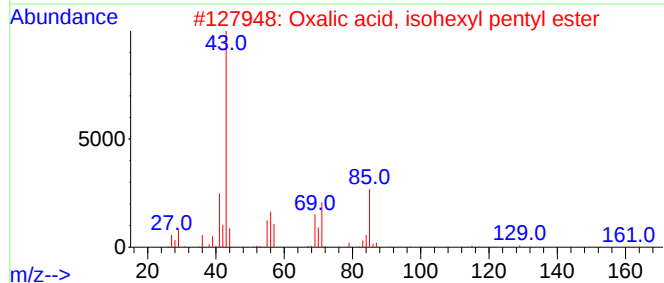
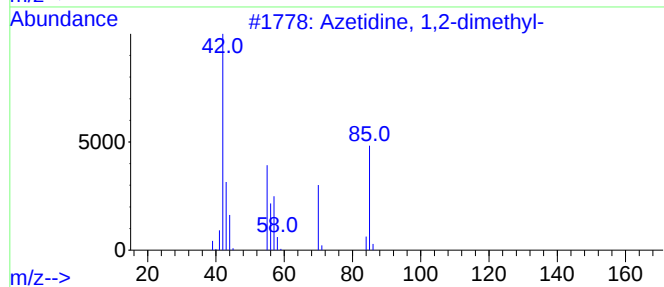
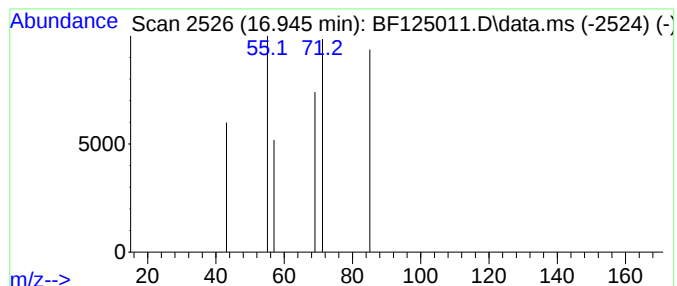
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 unknown16.945 Concentration Rank 12

| R.T.      | EstConc                            | Area | Relative to ISTD |          | R.T.         |      |
|-----------|------------------------------------|------|------------------|----------|--------------|------|
| 16.945    | 2.55 ng                            | 4001 | Perylene-d12     |          | 15.433       |      |
| Hit# of 5 | Tentative ID                       |      | MW               | MolForm  | CAS#         | Qual |
| 1         | Azetidine, 1,2-dimethyl-           |      | 85               | C5H11N   | 051764-32-0  | 9    |
| 2         | Oxalic acid, isohexyl pentyl ester |      | 244              | C13H24O4 | 1000309-32-8 | 9    |
| 3         | N-Vinylformamide                   |      | 71               | C3H5NO   | 013162-05-5  | 4    |
| 4         | 1H-Tetrazol-5-amine                |      | 85               | CH3N5    | 004418-61-5  | 3    |
| 5         | (Aminomethyl)cyclopropane          |      | 71               | C4H9N    | 002516-47-4  | 3    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
Data File : BF125011.D  
Acq On : 9 Aug 2021 20:28  
Operator : JU/CG  
Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

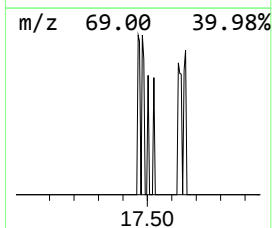
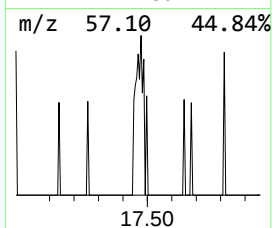
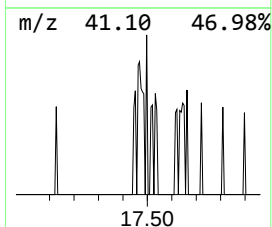
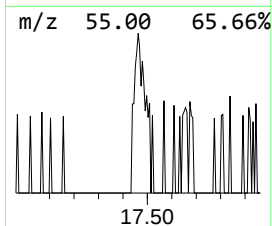
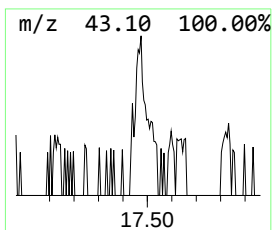
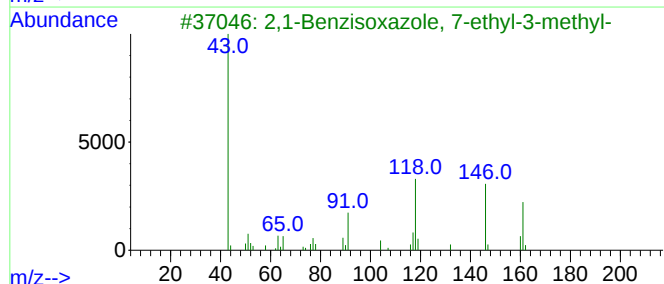
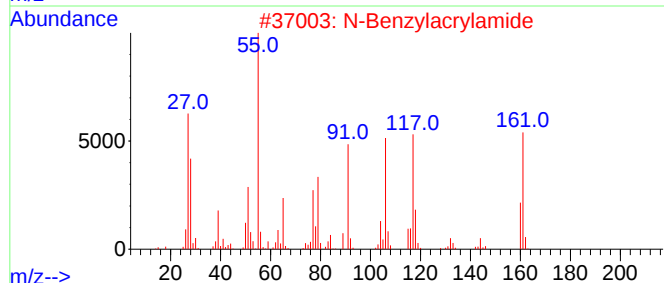
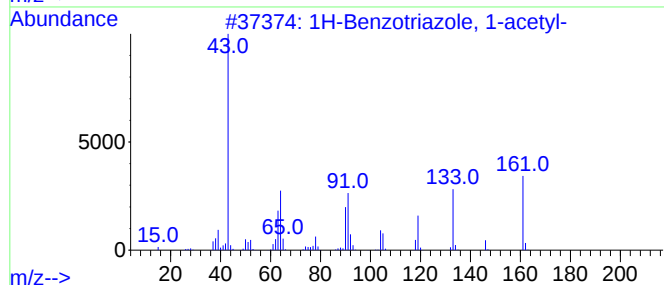
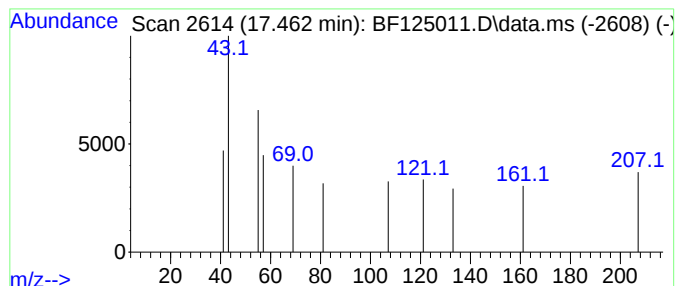
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 unknown17.462 Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 17.462 | 6.58 ng | 10329 | Perylene-d12     | 15.433 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1H-Benzotriazole, 1-acetyl-         | 161 | C8H7N3O    | 018773-93-8  | 7    |
| 2    |    |   | N-Benzylacrylamide                  | 161 | C10H11NO   | 013304-62-6  | 4    |
| 3    |    |   | 2,1-Benzisoxazole, 7-ethyl-3-met... | 161 | C10H11NO   | 108562-69-2  | 4    |
| 4    |    |   | Pimeloylchloride                    | 196 | C7H10Cl2O2 | 000142-79-0  | 4    |
| 5    |    |   | Bicyclo[3.1.1]hept-3-ene-spiro-2... | 194 | C12H18O2   | 1000149-76-2 | 2    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
Data File : BF125011.D  
Acq On : 9 Aug 2021 20:28  
Operator : JU/CG  
Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

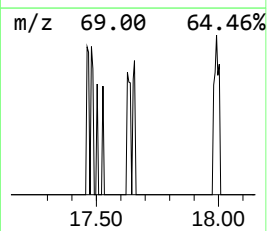
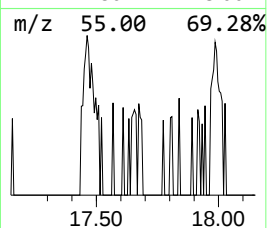
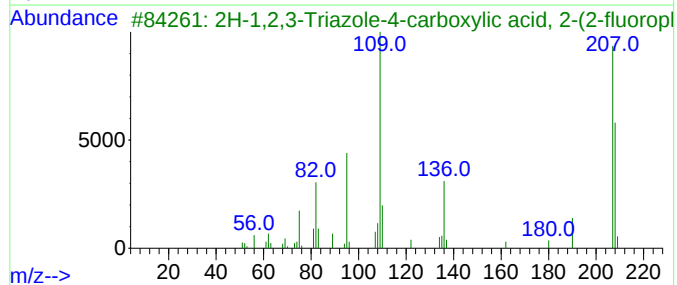
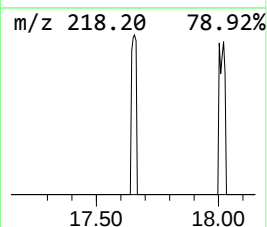
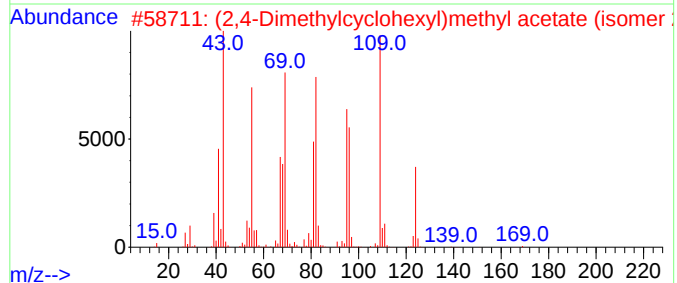
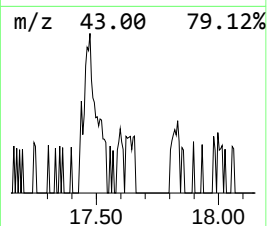
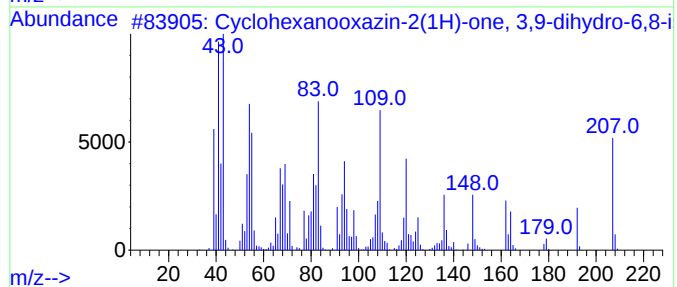
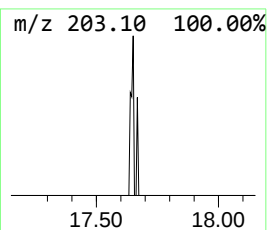
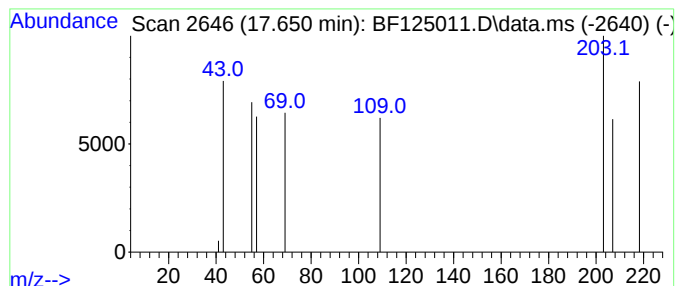
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 unknown17.650 Concentration Rank 13

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 17.650 | 2.22 ng | 3479 | Perylene-d12     | 15.433 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Cyclohexanooxazin-2(1H)-one, 3,9... | 207 | C12H17N02 | 1000260-31-8 | 9    |
| 2    |    |   | (2,4-Dimethylcyclohexyl)methyl a... | 184 | C11H20O2  | 1000497-96-9 | 7    |
| 3    |    |   | 2H-1,2,3-Triazole-4-carboxylic a... | 207 | C9H6FN3O2 | 051306-44-6  | 5    |
| 4    |    |   | Benzenesulfonic acid, 4-nitro-      | 203 | C6H5NO5S  | 000138-42-1  | 5    |
| 5    |    |   | m-Nitrobenzenesulfonic acid         | 203 | C6H5NO5S  | 000098-47-5  | 5    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
Data File : BF125011.D  
Acq On : 9 Aug 2021 20:28  
Operator : JU/CG  
Sample : M3321-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CARLSTADT

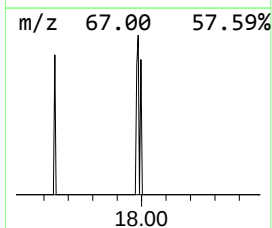
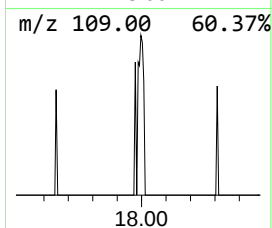
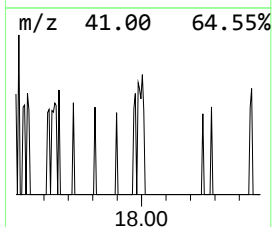
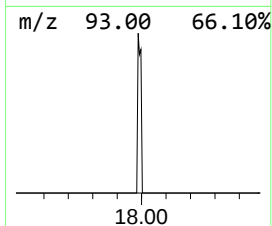
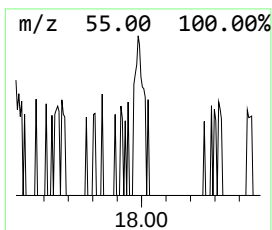
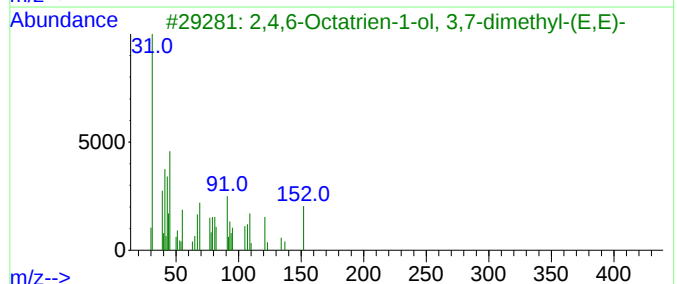
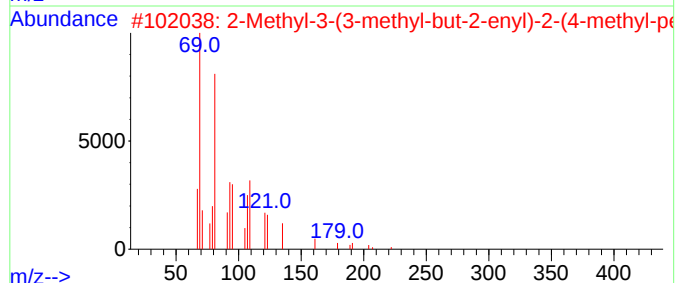
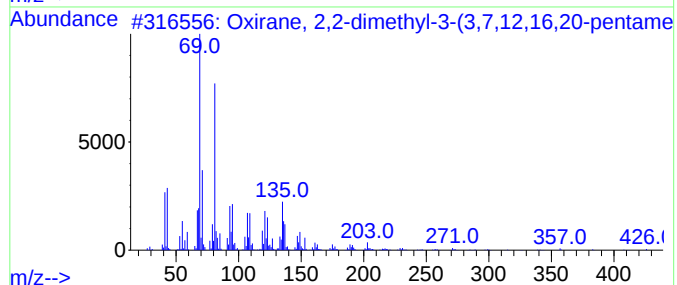
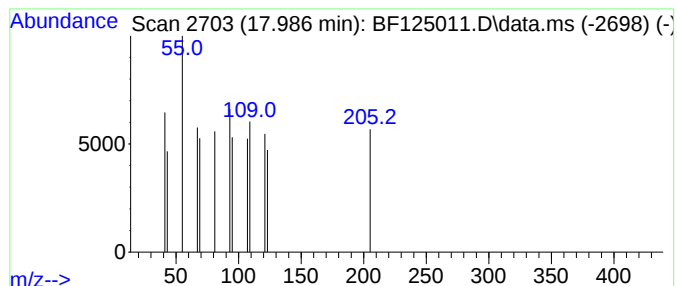
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 unknown17.986 Concentration Rank 5

| R.T.   | EstConc | Area | Relative to ISTD | R.T.   |
|--------|---------|------|------------------|--------|
| 17.986 | 6.35 ng | 9969 | Perylene-d12     | 15.433 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Oxirane, 2,2-dimethyl-3-(3,7,12,... | 426 | C30H50O  | 007200-26-2  | 42   |
| 2    |    |   | 2-Methyl-3-(3-methyl-but-2-enyl)... | 222 | C15H26O  | 1000144-10-2 | 38   |
| 3    |    |   | 2,4,6-Octatrien-1-ol, 3,7-dimeth... | 152 | C10H16O  | 089155-85-1  | 38   |
| 4    |    |   | (Z)-8-Hydroxy-4,7-dimethyl-oct-6... | 168 | C10H16O2 | 106542-12-5  | 37   |
| 5    |    |   | 3-Cyclohexene-1-carboxaldehyde, ... | 152 | C10H16O  | 040702-26-9  | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
 Data File : BF125011.D  
 Acq On : 9 Aug 2021 20:28  
 Operator : JU/CG  
 Sample : M3321-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CARLSTADT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.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 |
| unknown5.034       | 5.034  | 3.5     | ng    | 6018     | 1                     | 6.816  | 34085 | 20.0 |
| Ethanol, 2-(2-b... | 8.004  | 14.5    | ng    | 32360    | 2                     | 8.098  | 44561 | 20.0 |
| unknown11.868      | 11.868 | 4.7     | ng    | 10745    | 4                     | 11.339 | 45395 | 20.0 |
| unknown12.651      | 12.651 | 3.3     | ng    | 7550     | 4                     | 11.339 | 45395 | 20.0 |
| unknown13.827      | 13.827 | 4.3     | ng    | 7051     | 5                     | 13.974 | 32885 | 20.0 |
| unknown14.439      | 14.439 | 2.0     | ng    | 3362     | 5                     | 13.974 | 32885 | 20.0 |
| unknown14.462      | 14.462 | 2.6     | ng    | 4291     | 5                     | 13.974 | 32885 | 20.0 |
| Heptacosane        | 15.068 | 15.8    | ng    | 24751    | 6                     | 15.433 | 31374 | 20.0 |
| Hexatriacontane    | 15.868 | 18.9    | ng    | 29596    | 6                     | 15.433 | 31374 | 20.0 |
| unknown16.139      | 16.139 | 3.0     | ng    | 4740     | 6                     | 15.433 | 31374 | 20.0 |
| unknown16.945      | 16.945 | 2.5     | ng    | 4001     | 6                     | 15.433 | 31374 | 20.0 |
| unknown17.462      | 17.462 | 6.6     | ng    | 10329    | 6                     | 15.433 | 31374 | 20.0 |
| unknown17.650      | 17.650 | 2.2     | ng    | 3479     | 6                     | 15.433 | 31374 | 20.0 |
| unknown17.986      | 17.986 | 6.3     | ng    | 9969     | 6                     | 15.433 | 31374 | 20.0 |