

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
 Data File : BF131740.D  
 Acq On : 21 Dec 2022 10:43  
 Operator : CG\JU  
 Sample : PB149732BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149732BL

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-BF122022.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131740.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         | 2.158       | 3             | 12          | 18           | rVB      | 79418          | 107738        | 2.52%           | 0.493%        |
| 2         | 5.087       | 505           | 510         | 522          | rVB      | 232921         | 322870        | 7.55%           | 1.478%        |
| 3         | 5.487       | 572           | 578         | 581          | rBV      | 2584354        | 2573620       | 60.22%          | 11.785%       |
| 4         | 6.498       | 744           | 750         | 753          | rBV      | 2495813        | 2608658       | 61.04%          | 11.945%       |
| 5         | 6.863       | 808           | 812         | 815          | rBV      | 675658         | 518598        | 12.13%          | 2.375%        |
| 6         | 7.434       | 903           | 909         | 912          | rBV      | 1729256        | 1690903       | 39.56%          | 7.743%        |
| 7         | 8.151       | 1026          | 1031        | 1035         | rBV      | 780210         | 674436        | 15.78%          | 3.088%        |
| 8         | 9.234       | 1209          | 1215        | 1218         | rBV      | 3499159        | 3330937       | 77.94%          | 15.253%       |
| 9         | 9.916       | 1326          | 1331        | 1334         | rBV      | 1003675        | 835294        | 19.54%          | 3.825%        |
| 10        | 10.710      | 1461          | 1466        | 1469         | rBV      | 2602629        | 2301399       | 53.85%          | 10.538%       |
| 11        | 11.410      | 1581          | 1585        | 1588         | rBV      | 1121173        | 939627        | 21.99%          | 4.303%        |
| 12        | 13.004      | 1851          | 1856        | 1859         | rBV      | 4388201        | 4273872       | 100.00%         | 19.571%       |
| 13        | 14.057      | 2031          | 2035        | 2039         | rBV      | 964307         | 879960        | 20.59%          | 4.029%        |
| 14        | 15.557      | 2284          | 2290        | 2305         | rBV      | 518805         | 676319        | 15.82%          | 3.097%        |
| 15        | 17.333      | 2581          | 2592        | 2606         | rVB4     | 24299          | 104106        | 2.44%           | 0.477%        |

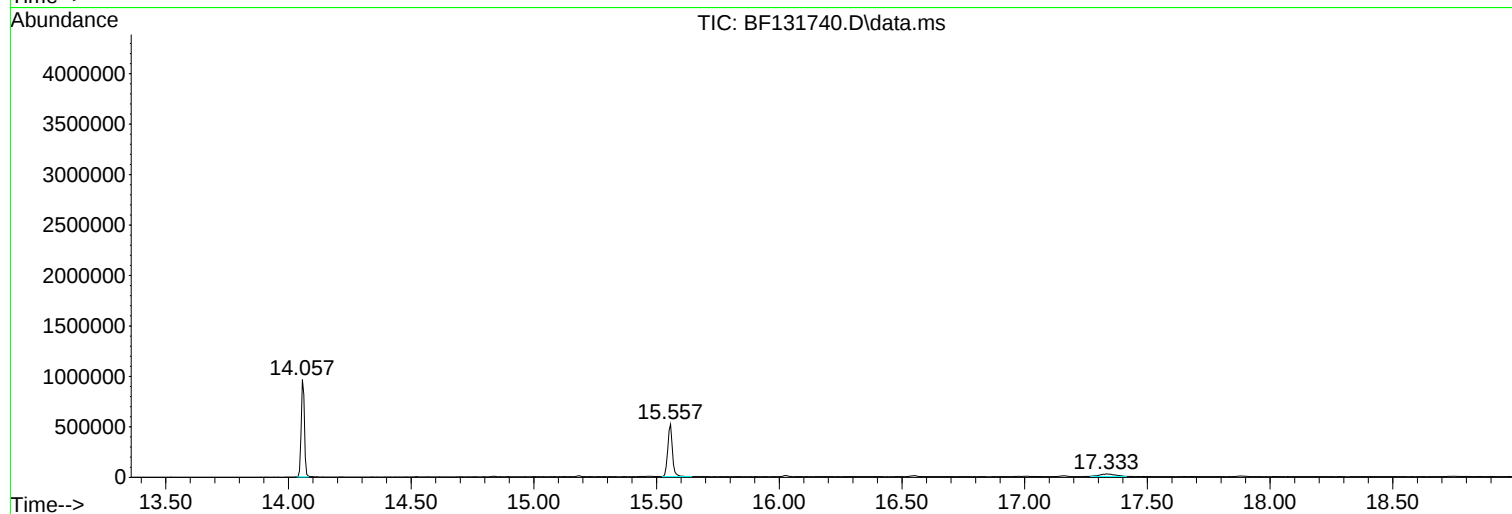
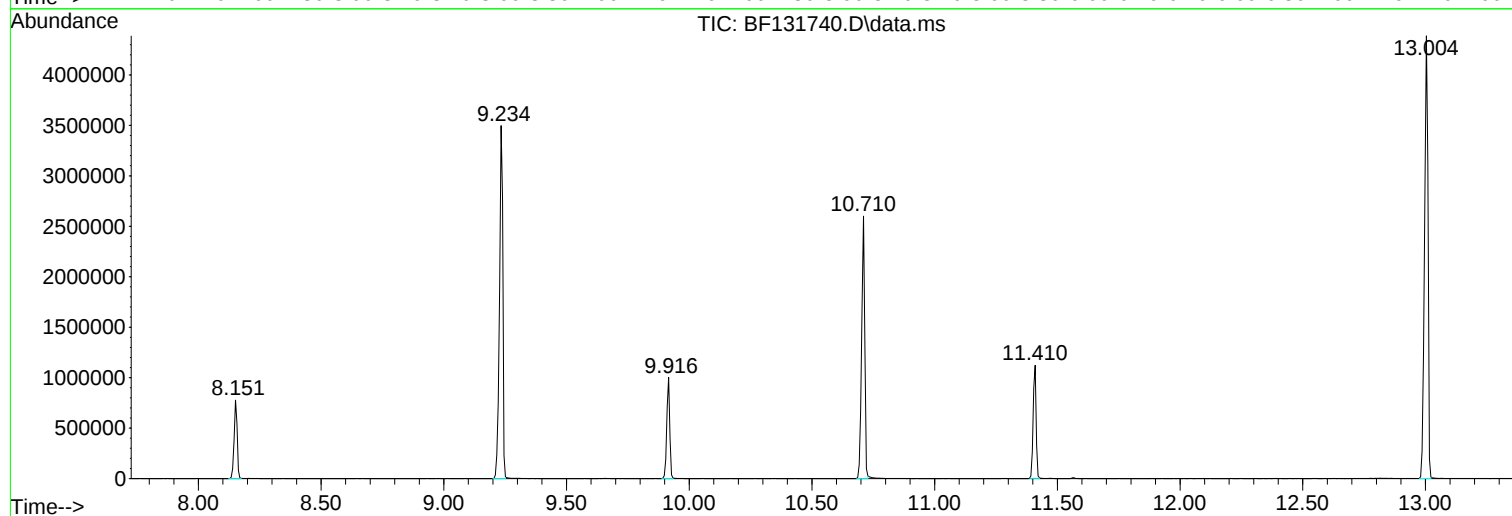
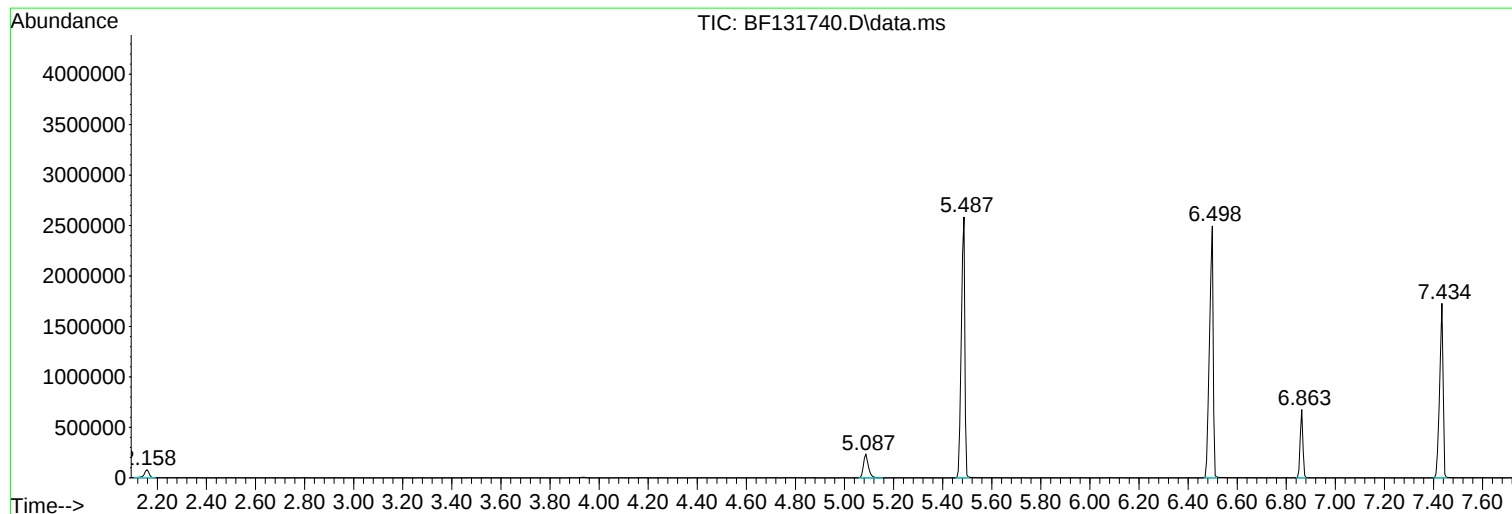
Sum of corrected areas: 21838337

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
Data File : BF131740.D  
Acq On : 21 Dec 2022 10:43  
Operator : CG\JU  
Sample : PB149732BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149732BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.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\BF122122\  
Data File : BF131740.D  
Acq On : 21 Dec 2022 10:43  
Operator : CG\JU  
Sample : PB149732BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149732BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

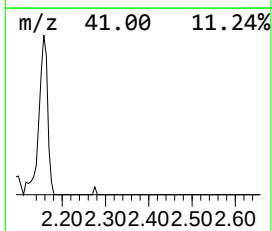
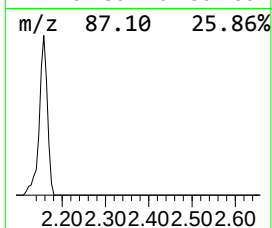
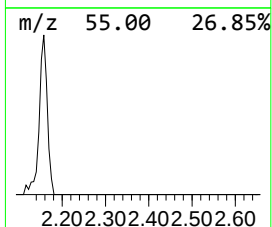
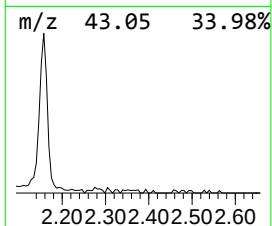
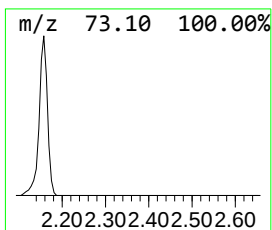
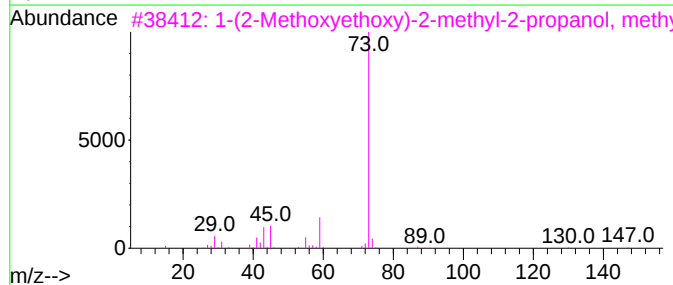
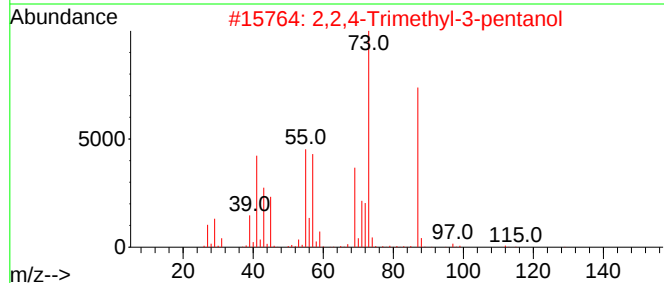
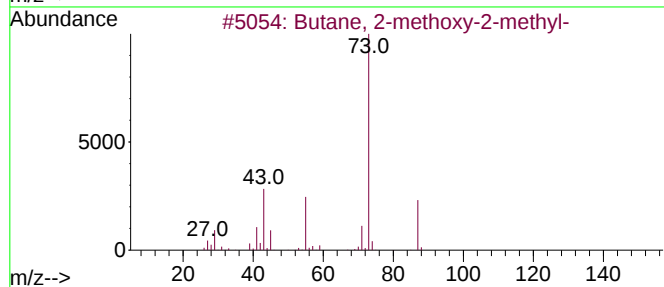
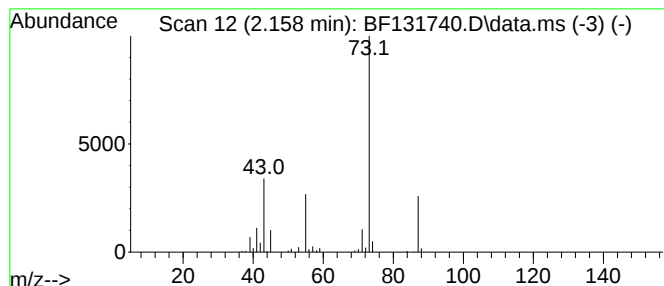
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 2.158 | 4.15 ng | 107738 | 1,4-Dichlorobenzene-d4 | 6.863 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O  | 000994-05-8  | 86   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol          | 130 | C8H18O  | 005162-48-1  | 40   |
| 3    |    |   | 1-(2-Methoxyethoxy)-2-methyl-2-p... | 162 | C8H18O3 | 1000364-24-4 | 28   |
| 4    |    |   | Pentane, 3-methoxy-                 | 102 | C6H14O  | 036839-67-5  | 17   |
| 5    |    |   | Acetamide, N-ethyl-                 | 87  | C4H9NO  | 000625-50-3  | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
Data File : BF131740.D  
Acq On : 21 Dec 2022 10:43  
Operator : CG\JU  
Sample : PB149732BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149732BL

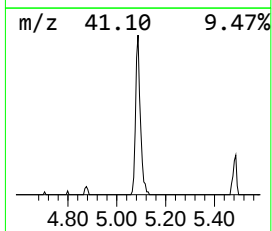
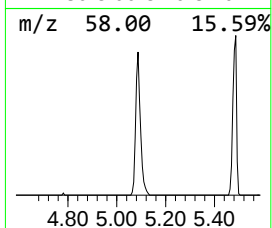
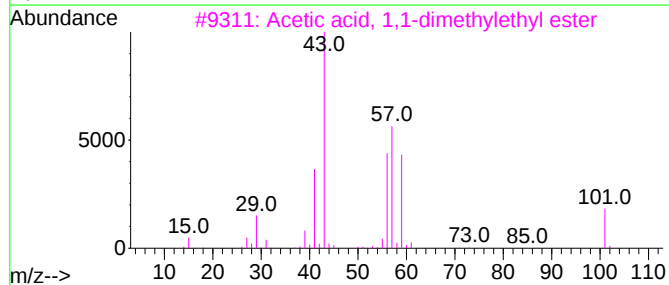
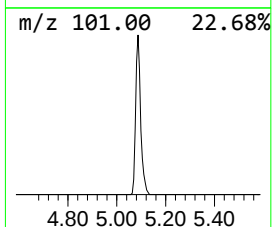
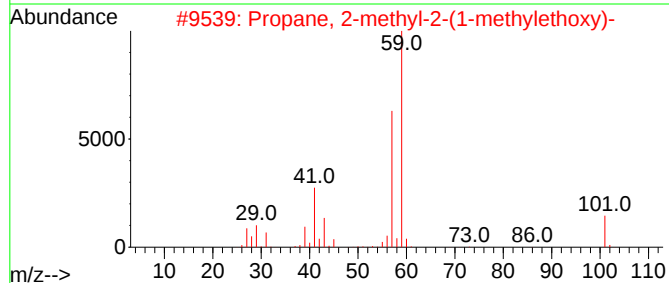
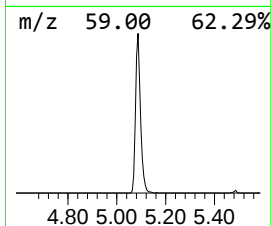
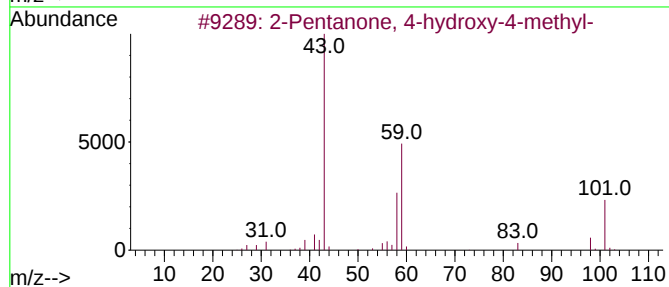
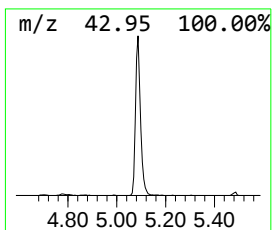
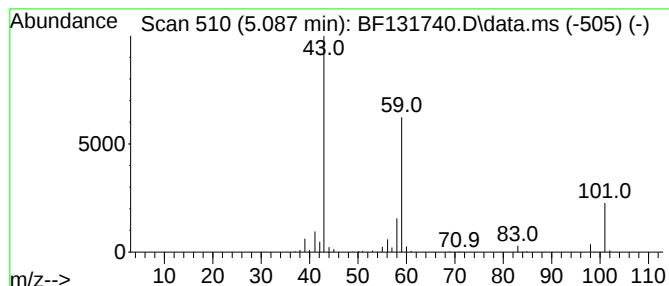
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

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

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 5.087     | 12.45 ng                            | 322870 | 1,4-Dichlorobenzene-d4 | 6.863       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116    | C6H12O2                | 000123-42-2 | 64   |
| 2         | Propane, 2-methyl-2-(1-methyleth... | 116    | C7H16O                 | 017348-59-3 | 50   |
| 3         | Acetic acid, 1,1-dimethylethyl e... | 116    | C6H12O2                | 000540-88-5 | 38   |
| 4         | Propane, 2-ethoxy-2-methyl-         | 102    | C6H14O                 | 000637-92-3 | 17   |
| 5         | Acetic acid, cyano-, 1,1-dimethy... | 141    | C7H11NO2               | 001116-98-9 | 17   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
Data File : BF131740.D  
Acq On : 21 Dec 2022 10:43  
Operator : CG\JU  
Sample : PB149732BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149732BL

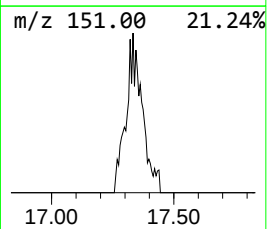
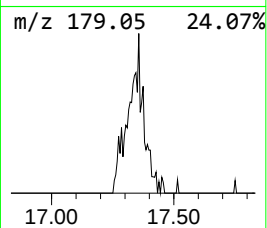
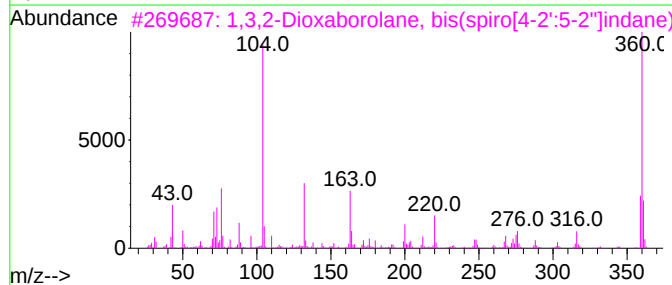
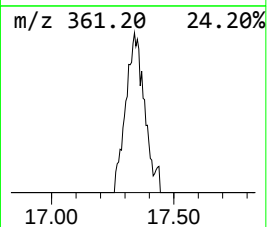
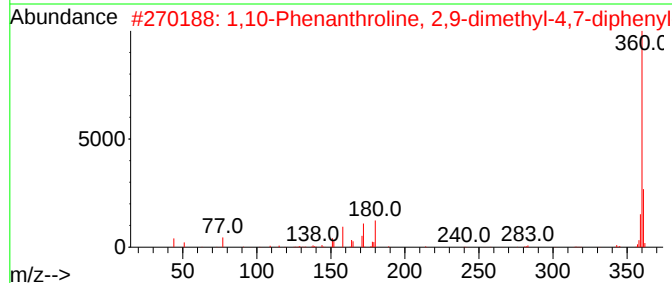
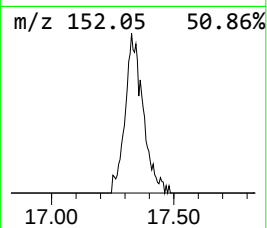
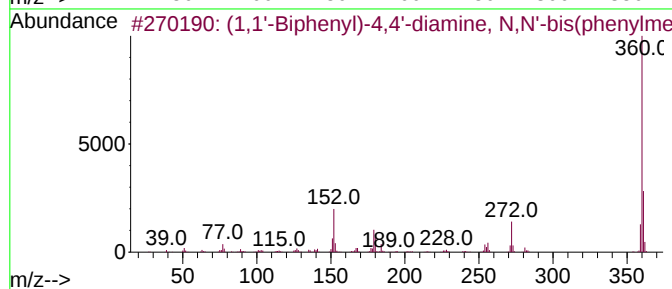
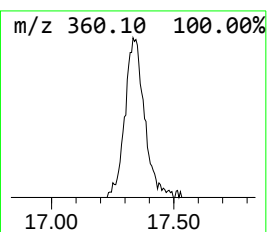
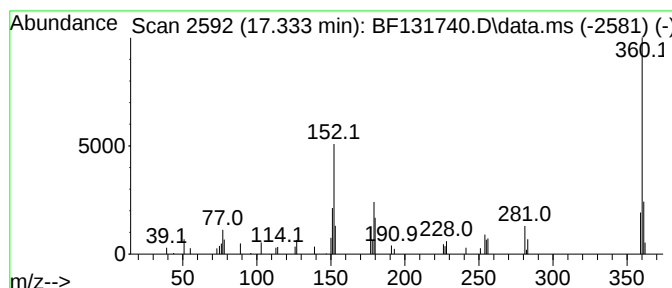
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 3 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 17.333    | 3.08 ng                             | 104106 | Perylene-d12     | 15.557       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | (1,1'-Biphenyl)-4,4'-diamine, N...  | 360    | C26H20N2         | 006311-48-4  | 90   |
| 2         | 1,10-Phenanthroline, 2,9-dimethy... | 360    | C26H20N2         | 004733-39-5  | 47   |
| 3         | 1,3,2-Dioxaborolane, bis(spiro[4... | 360    | C20H13BO6        | 1000150-23-7 | 43   |
| 4         | Benzaldehyde, 4-hydroxy-3,5-dime... | 360    | C18H20N2O6       | 014414-32-5  | 43   |
| 5         | Silane, dimethyl(4-bromophenoxy)... | 358    | C16H27BrO2Si     | 1000347-11-2 | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122122\  
Data File : BF131740.D  
Acq On : 21 Dec 2022 10:43  
Operator : CG\JU  
Sample : PB149732BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149732BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2-metho... | 2.158  | 4.2     | ng    | 107738   | 1                     | 6.863  | 518598 | 20.0 |
| 2-Pentanone, 4-... | 5.087  | 12.4    | ng    | 322870   | 1                     | 6.863  | 518598 | 20.0 |
| (1,1'-Biphenyl)... | 17.333 | 3.1     | ng    | 104106   | 6                     | 15.557 | 676319 | 20.0 |