

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
 Data File : BF135230.D  
 Acq On : 13 Sep 2023 19:15  
 Operator : CG\JU  
 Sample : 04363-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-204

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135230.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         | 5.387       | 557           | 561         | 569          | rBV      | 1825747        | 1670463       | 95.86%          | 15.219%       |
| 2         | 6.404       | 730           | 734         | 746          | rBV      | 1874456        | 1742693       | 100.00%         | 15.877%       |
| 3         | 6.763       | 791           | 795         | 799          | rBV      | 861649         | 671664        | 38.54%          | 6.119%        |
| 4         | 7.328       | 887           | 891         | 894          | rBV      | 1224655        | 1056645       | 60.63%          | 9.627%        |
| 5         | 7.863       | 978           | 982         | 986          | rBV4     | 73479          | 121912        | 7.00%           | 1.111%        |
| 6         | 7.945       | 994           | 996         | 1000         | rVB      | 111677         | 97344         | 5.59%           | 0.887%        |
| 7         | 7.992       | 1000          | 1004        | 1007         | rBV3     | 99556          | 158200        | 9.08%           | 1.441%        |
| 8         | 8.039       | 1007          | 1012        | 1016         | rBV      | 907196         | 905353        | 51.95%          | 8.248%        |
| 9         | 8.216       | 1039          | 1042        | 1045         | rBV3     | 136171         | 190040        | 10.90%          | 1.731%        |
| 10        | 8.245       | 1045          | 1047        | 1049         | rVB      | 255088         | 171868        | 9.86%           | 1.566%        |
| 11        | 8.275       | 1049          | 1052        | 1055         | rBV3     | 85100          | 112971        | 6.48%           | 1.029%        |
| 12        | 8.334       | 1058          | 1062        | 1064         | rVV4     | 185549         | 269030        | 15.44%          | 2.451%        |
| 13        | 8.392       | 1069          | 1072        | 1075         | rBV4     | 131239         | 208173        | 11.95%          | 1.897%        |
| 14        | 8.487       | 1083          | 1088        | 1089         | rBV3     | 354818         | 484287        | 27.79%          | 4.412%        |
| 15        | 8.504       | 1089          | 1091        | 1095         | rVB3     | 305434         | 305637        | 17.54%          | 2.785%        |
| 16        | 8.545       | 1096          | 1098        | 1100         | rVB      | 184942         | 134684        | 7.73%           | 1.227%        |
| 17        | 8.586       | 1101          | 1105        | 1107         | rBV3     | 291224         | 391922        | 22.49%          | 3.571%        |
| 18        | 15.451      | 2269          | 2272        | 2280         | rVB      | 559764         | 782797        | 44.92%          | 7.132%        |
| 19        | 16.133      | 2385          | 2388        | 2405         | rVB3     | 346517         | 870499        | 49.95%          | 7.931%        |
| 20        | 16.562      | 2457          | 2461        | 2475         | rVB3     | 298219         | 629801        | 36.14%          | 5.738%        |

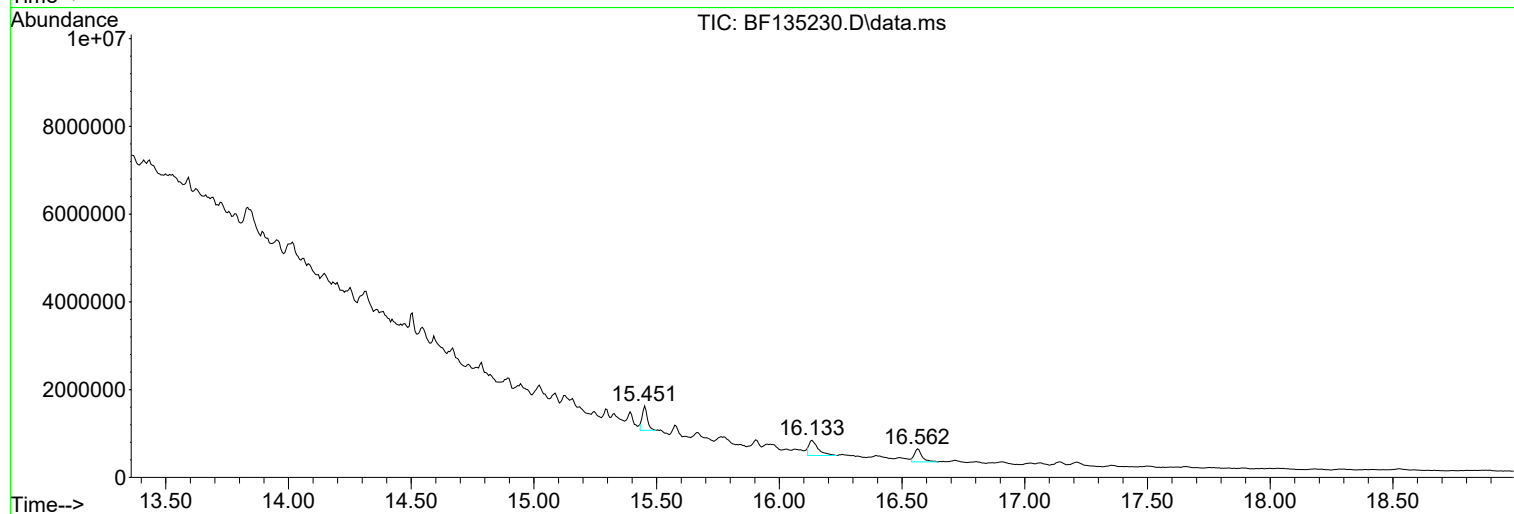
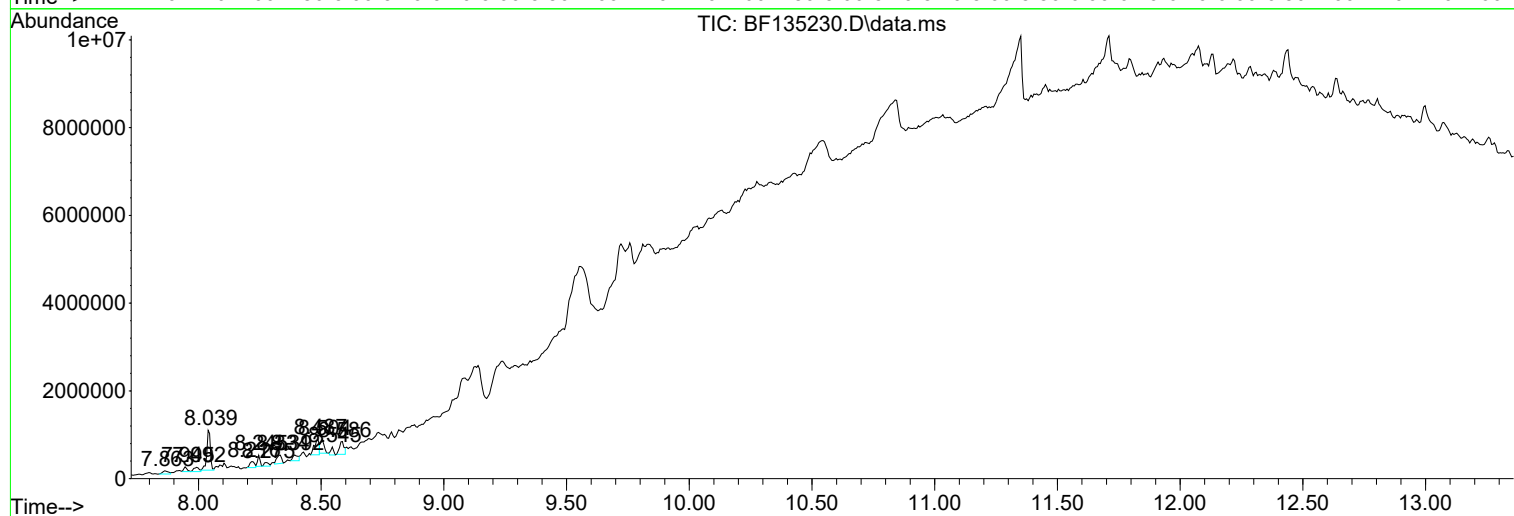
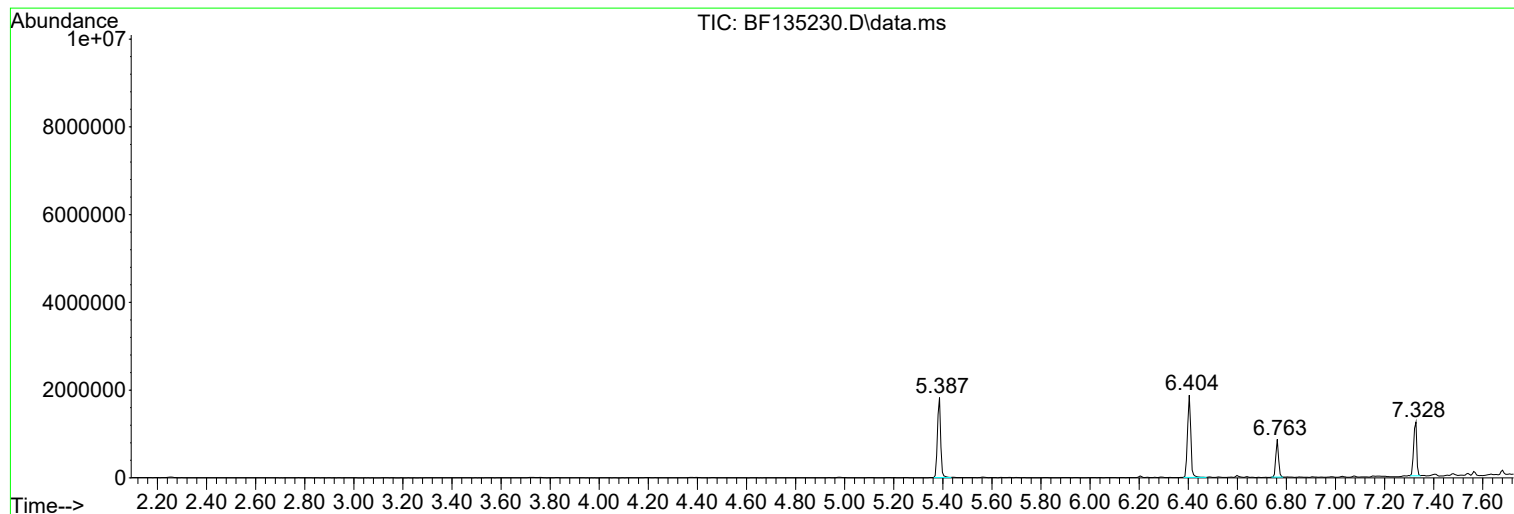
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.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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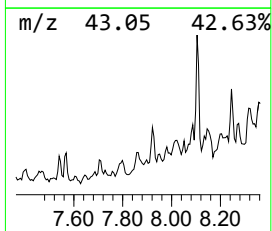
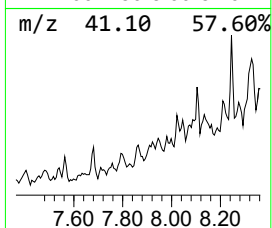
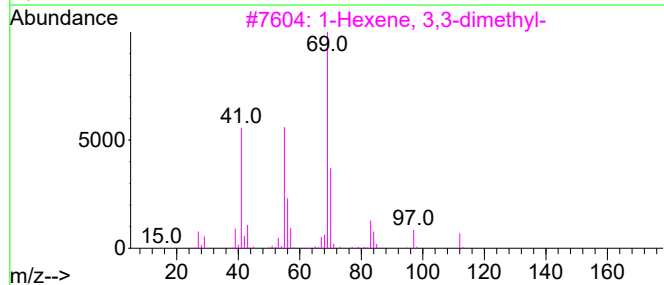
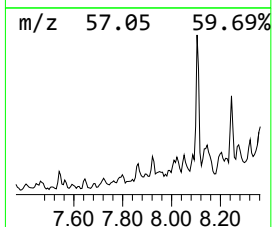
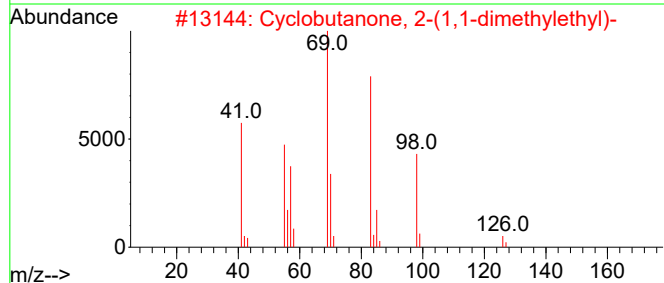
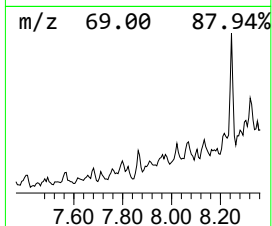
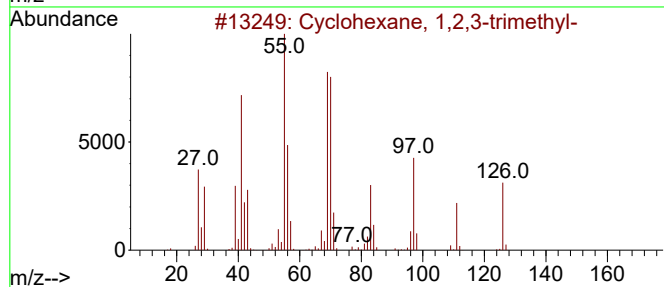
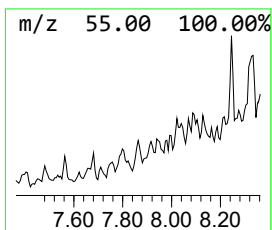
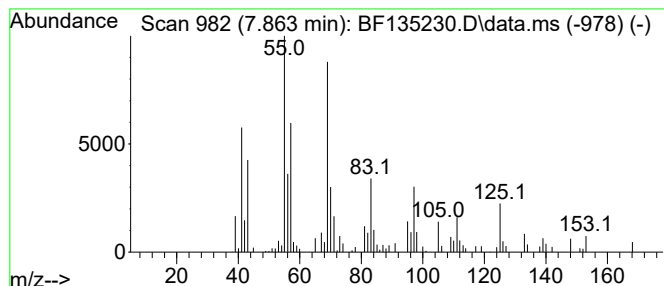
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 7.863     | 2.69 ng                             | 121912 | Naphthalene-d8   | 8.039       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Cyclohexane, 1,2,3-trimethyl-       | 126    | C9H18            | 001678-97-3 | 76   |
| 2         | Cyclobutanone, 2-(1,1-dimethylet... | 126    | C8H14O           | 004579-31-1 | 60   |
| 3         | 1-Hexene, 3,3-dimethyl-             | 112    | C8H16            | 003404-77-1 | 49   |
| 4         | 5-Undecene, 7-methyl-, (Z)-         | 168    | C12H24           | 074630-62-9 | 46   |
| 5         | 5-Undecene, 7-methyl-, (E)-         | 168    | C12H24           | 074630-66-3 | 46   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

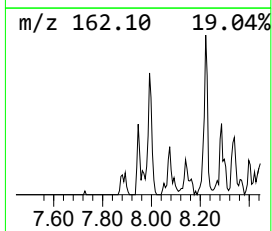
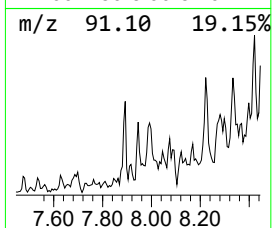
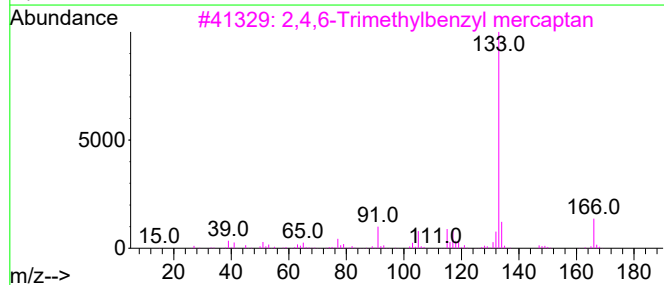
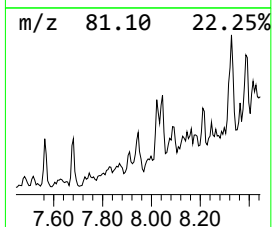
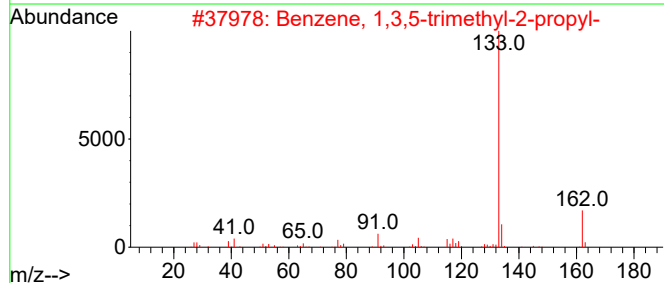
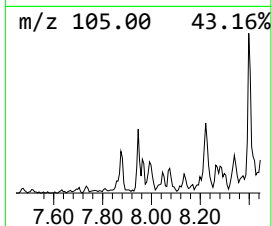
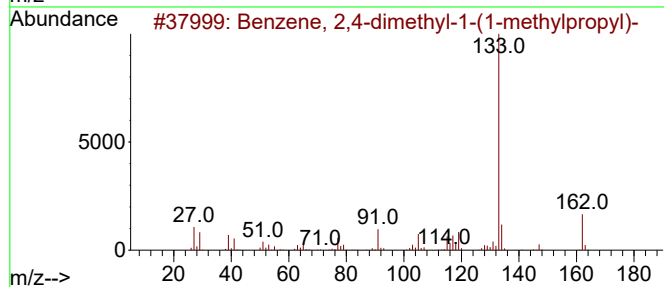
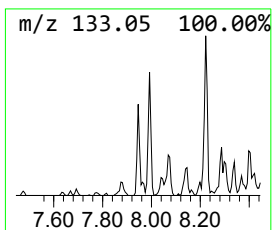
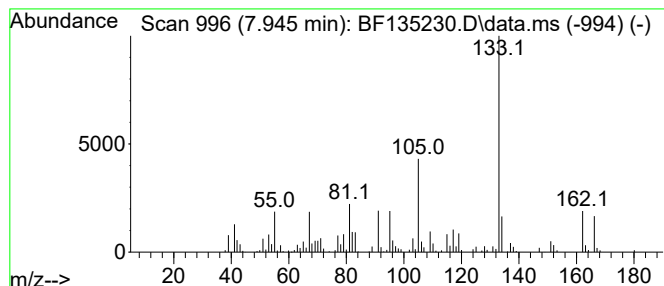
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 13

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 7.945 | 2.15 ng | 97344 | Naphthalene-d8   | 8.039 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2,4-dimethyl-1-(1-methy... | 162 | C12H18  | 001483-60-9 | 59   |
| 2    |    |   | Benzene, 1,3,5-trimethyl-2-propyl-  | 162 | C12H18  | 004810-04-2 | 58   |
| 3    |    |   | 2,4,6-Trimethylbenzyl mercaptan     | 166 | C10H14S | 021411-42-7 | 50   |
| 4    |    |   | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 | C11H16  | 004920-99-4 | 49   |
| 5    |    |   | 4-tert-Butyltoluene                 | 148 | C11H16  | 000098-51-1 | 47   |



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
VNJ-204

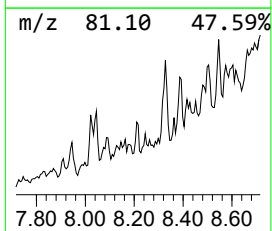
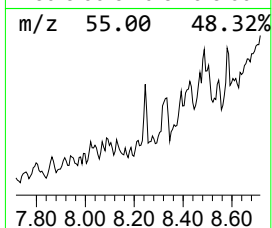
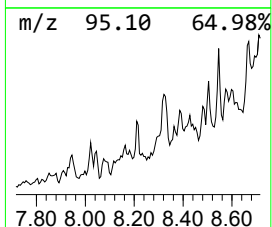
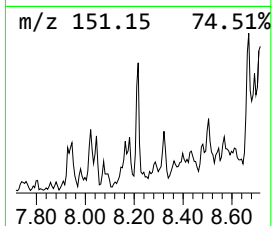
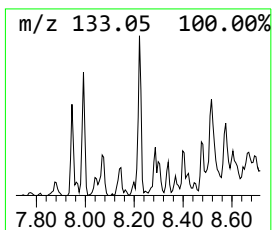
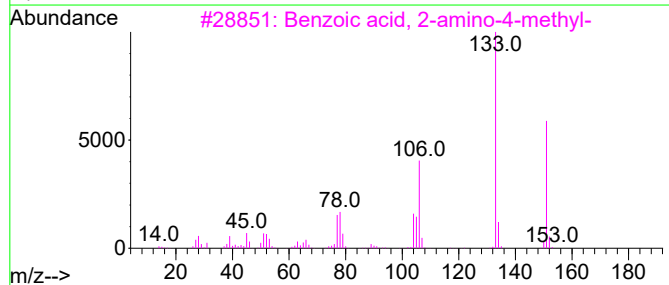
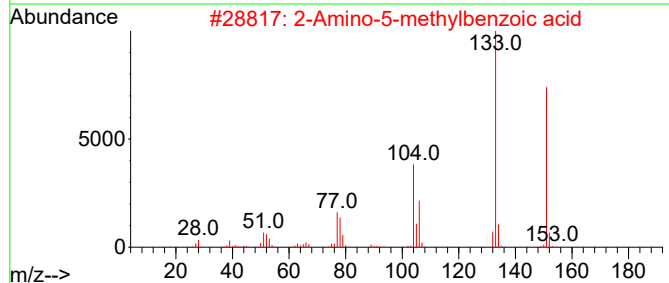
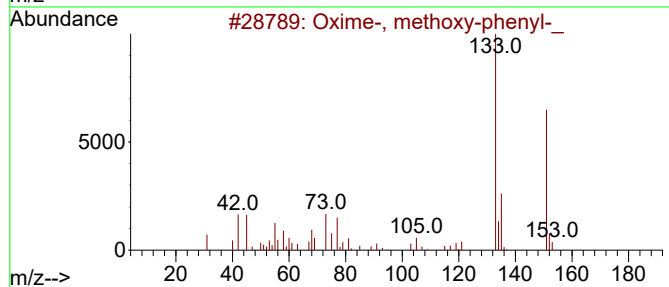
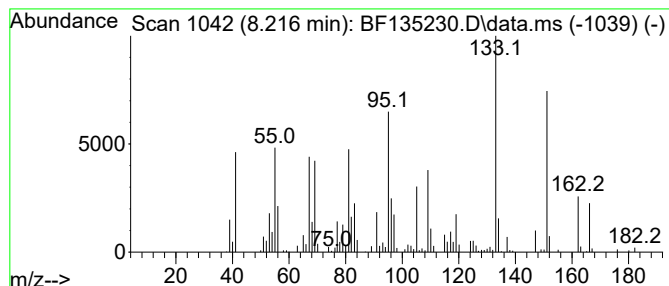
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 unknown8.216 Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.216 | 4.20 ng | 190040 | Naphthalene-d8   | 8.039 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | Oxime-, methoxy-phenyl_         | 151 | C8H9NO2 | 1000222-86-6 | 43   |
| 2    |    |   | 2-Amino-5-methylbenzoic acid    | 151 | C8H9NO2 | 002941-78-8  | 43   |
| 3    |    |   | Benzoic acid, 2-amino-4-methyl- | 151 | C8H9NO2 | 002305-36-4  | 43   |
| 4    |    |   | 1,4 Benzodioxan-6-amine         | 151 | C8H9NO2 | 022013-33-8  | 30   |
| 5    |    |   | 2-Decyne                        | 138 | C10H18  | 002384-70-5  | 30   |



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Instrument :  
BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

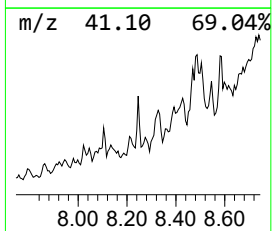
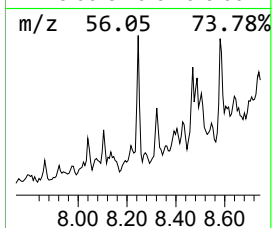
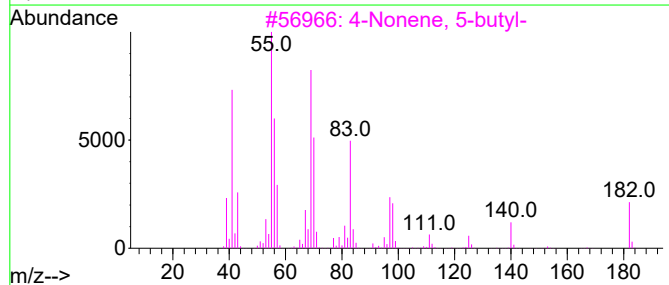
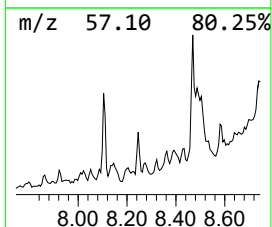
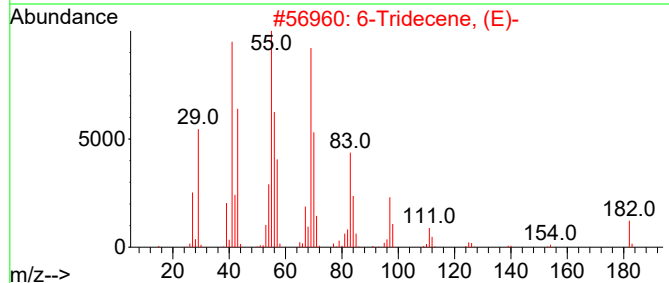
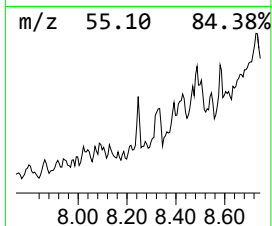
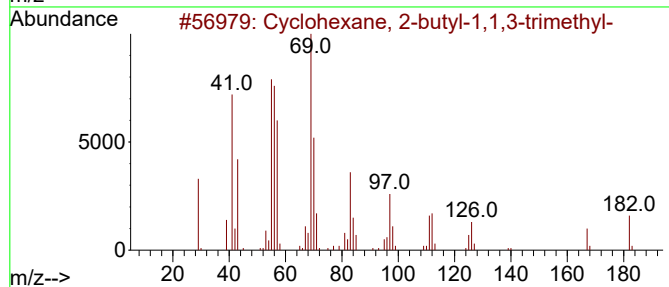
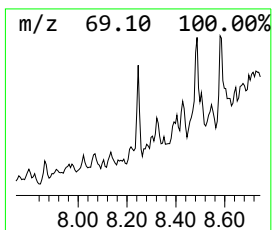
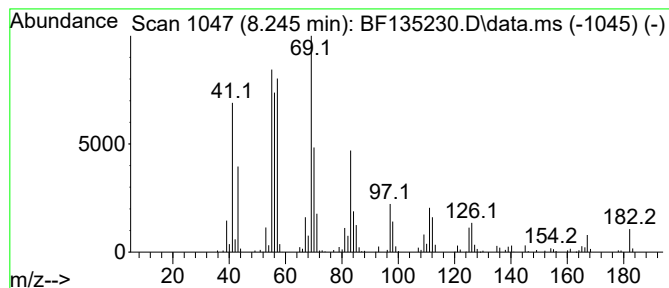
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.245 | 3.80 ng | 171868 | Naphthalene-d8   | 8.039 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26  | 054676-39-0 | 94   |
| 2    |      | 6-Tridecene, (E)-                   | 182 | C13H26  | 006434-76-0 | 91   |
| 3    |      | 4-Nonene, 5-butyl-                  | 182 | C13H26  | 007367-38-6 | 87   |
| 4    |      | 6-Dodecene, (Z)-                    | 168 | C12H24  | 007206-29-3 | 80   |
| 5    |      | Cyclopentane, butyl-                | 126 | C9H18   | 002040-95-1 | 70   |



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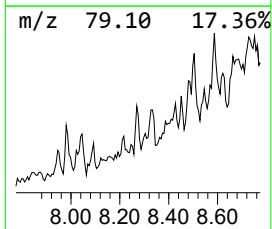
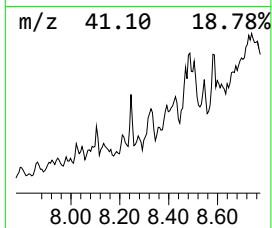
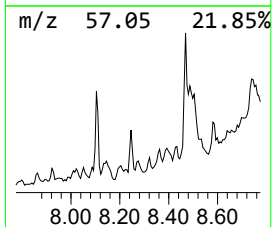
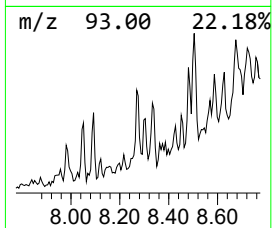
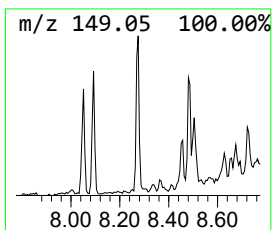
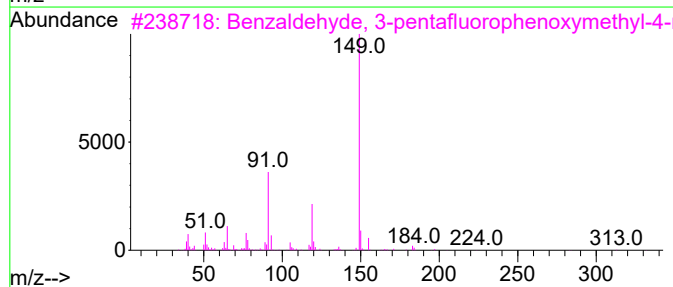
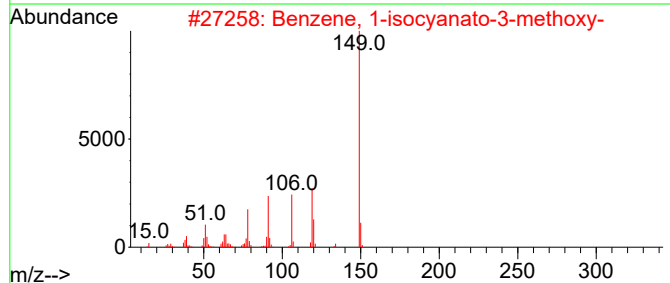
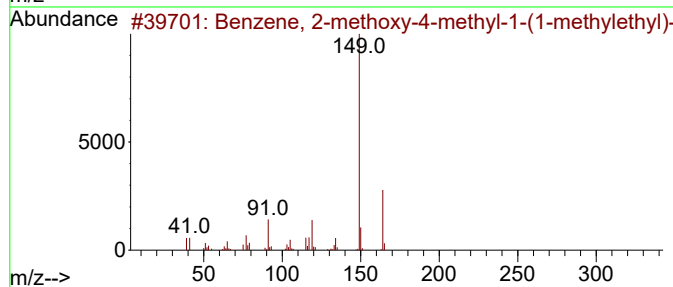
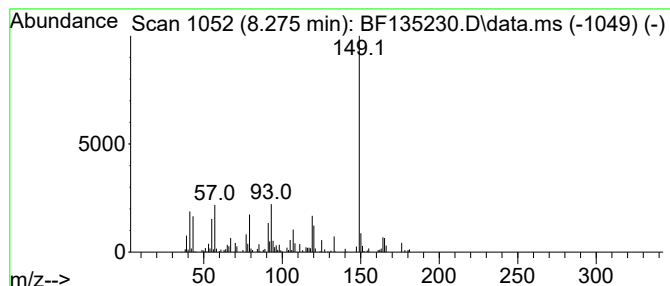
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, 2-methoxy-4-methyl... Concentration Rank 12

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 8.275     | 2.50 ng                             | 112971 | Naphthalene-d8   | 8.039        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Benzene, 2-methoxy-4-methyl-1-(1... | 164    | C11H16O          | 001076-56-8  | 50   |
| 2         | Benzene, 1-isocyanato-3-methoxy-    | 149    | C8H7NO2          | 018908-07-1  | 50   |
| 3         | Benzaldehyde, 3-pentafluoropheno... | 332    | C15H9F5O3        | 329222-68-6  | 50   |
| 4         | Pyridine, pentamethyl-              | 149    | C10H15N          | 003748-83-2  | 50   |
| 5         | 3-Methyl-1-adamantanecarboxylic ... | 194    | C12H18O2         | 1000504-38-9 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135230.D  
Acq On : 13 Sep 2023 19:15  
Operator : CG\JU  
Sample : 04363-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

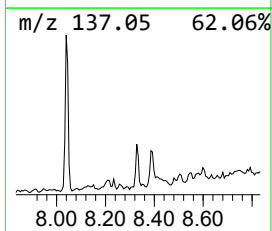
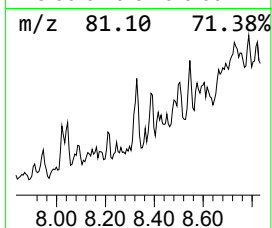
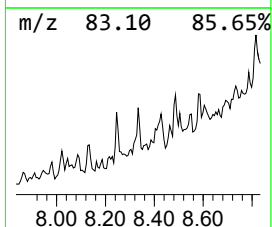
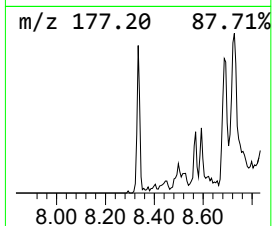
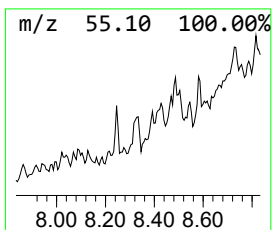
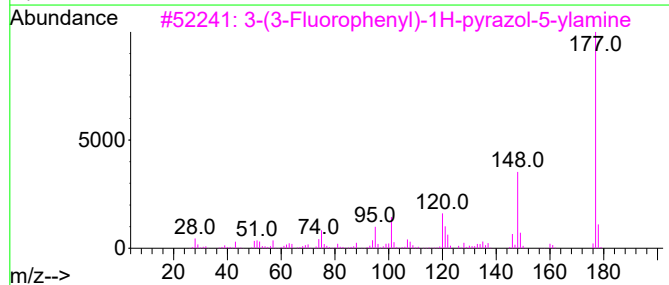
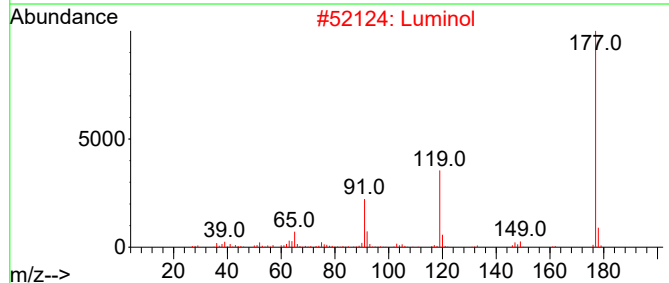
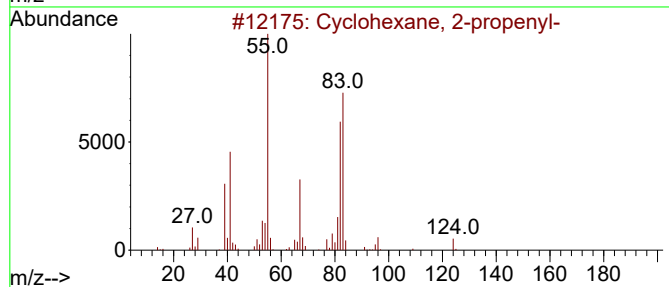
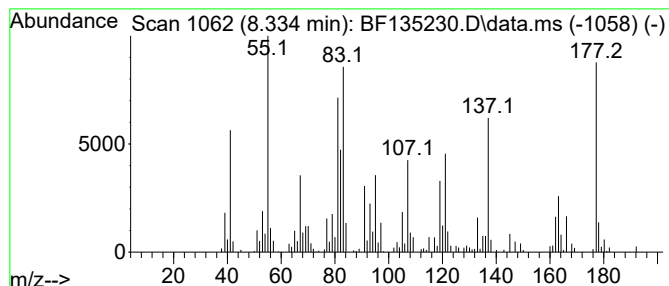
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown8.334 Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.334 | 5.94 ng | 269030 | Naphthalene-d8   | 8.039 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | Cyclohexane, 2-propenyl-            | 124 | C9H16    | 002114-42-3 | 22   |
| 2    |      | Luminol                             | 177 | C8H7N3O2 | 000521-31-3 | 18   |
| 3    |      | 3-(3-Fluorophenyl)-1H-pyrazol-5-... | 177 | C9H8FN3  | 766519-89-5 | 14   |
| 4    |      | Cyclopentanone, 3-methyl-2-(2-pe... | 166 | C11H18O  | 007051-39-0 | 14   |
| 5    |      | 4-Phenylurazole                     | 177 | C8H7N3O2 | 015988-11-1 | 14   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135230.D  
Acq On : 13 Sep 2023 19:15  
Operator : CG\JU  
Sample : 04363-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

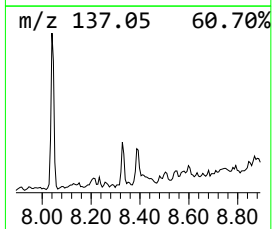
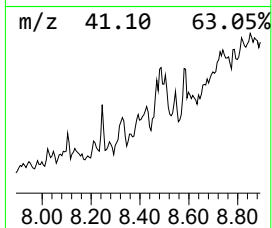
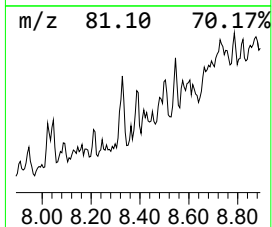
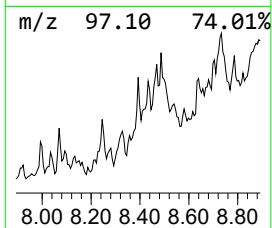
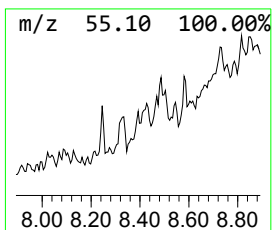
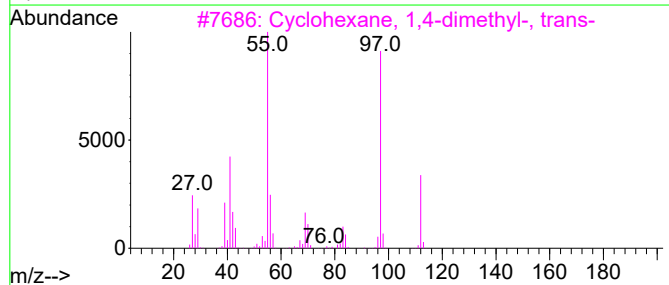
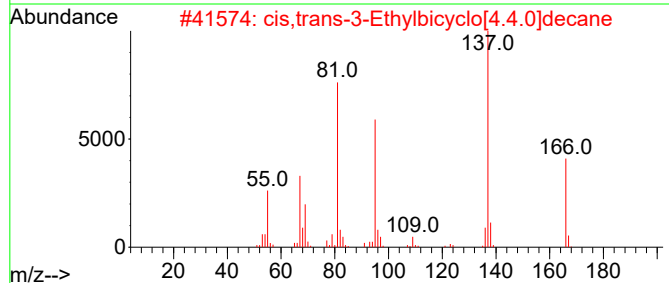
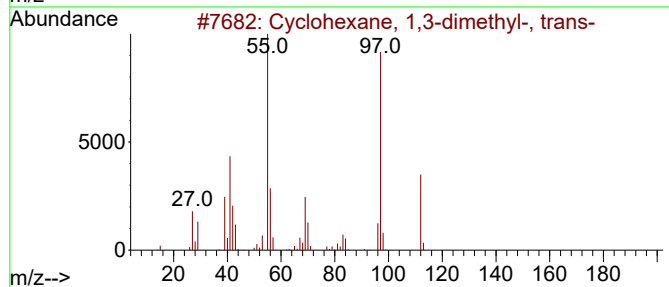
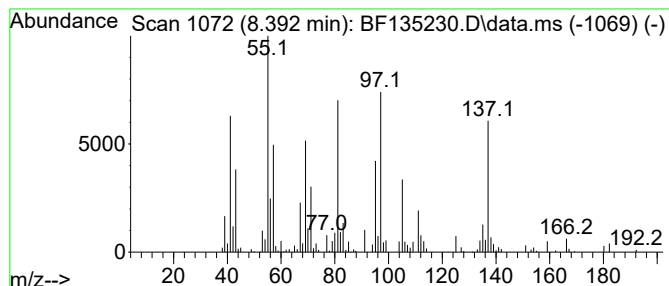
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown8.392 Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.392 | 4.60 ng | 208173 | Naphthalene-d8   | 8.039 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Cyclohexane, 1,3-dimethyl-, trans-  | 112 | C8H16     | 002207-03-6  | 38   |
| 2    |      | cis,trans-3-Ethylbicyclo[4.4.0]d... | 166 | C12H22    | 066660-41-1  | 38   |
| 3    |      | Cyclohexane, 1,4-dimethyl-, trans-  | 112 | C8H16     | 002207-04-7  | 38   |
| 4    |      | Sulfurous acid, cyclohexylmethyl... | 332 | C18H36O3S | 1000309-21-9 | 38   |
| 5    |      | Trans, trans-2-ethylbicyclo[4.4.... | 166 | C12H22    | 066660-37-5  | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135230.D  
Acq On : 13 Sep 2023 19:15  
Operator : CG\JU  
Sample : 04363-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

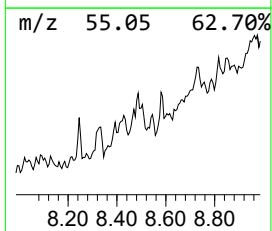
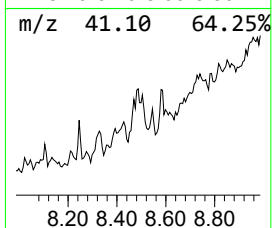
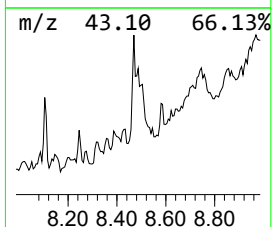
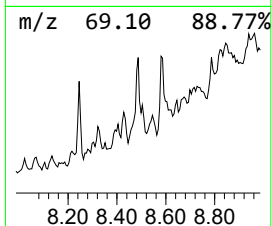
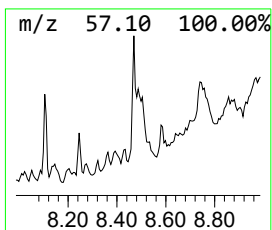
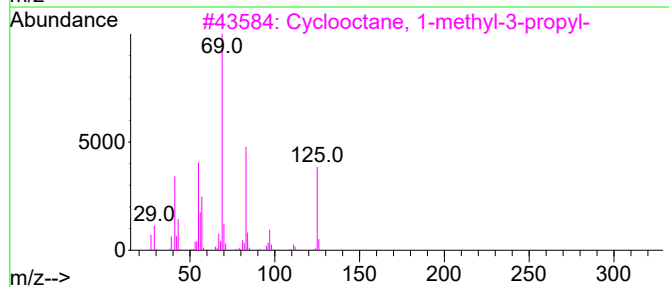
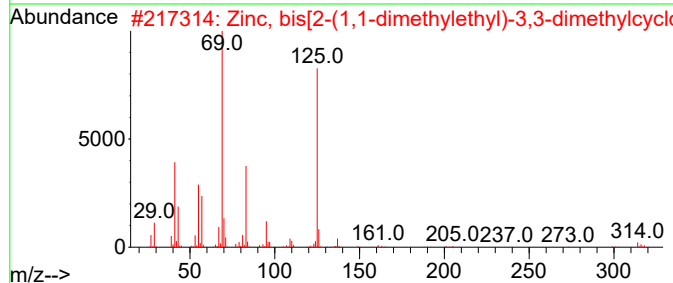
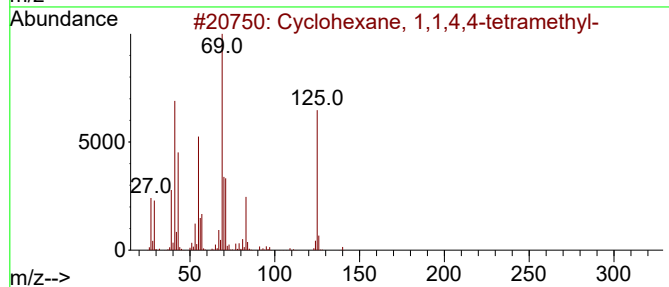
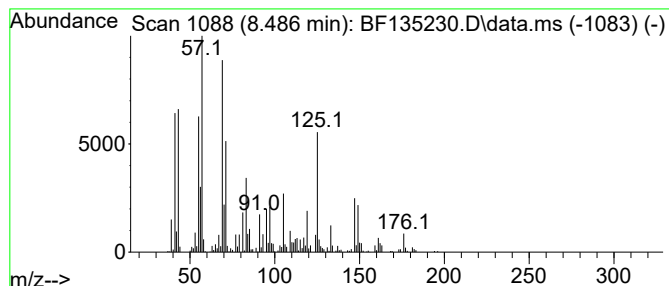
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown8.486 Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.486 | 10.70 ng | 484287 | Naphthalene-d8   | 8.039 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclohexane, 1,1,4,4-tetramethyl-   | 140 | C10H20   | 002223-52-1 | 38   |
| 2    |    |   | Zinc, bis[2-(1,1-dimethylethyl)-... | 314 | C18H34Zn | 074793-36-5 | 35   |
| 3    |    |   | Cyclooctane, 1-methyl-3-propyl-     | 168 | C12H24   | 255885-37-1 | 35   |
| 4    |    |   | Cyclohexane, 1,2-diethyl-3-methyl-  | 154 | C11H22   | 061141-80-8 | 35   |
| 5    |    |   | 1-Hexene, 3,3-dimethyl-             | 112 | C8H16    | 003404-77-1 | 18   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135230.D  
Acq On : 13 Sep 2023 19:15  
Operator : CG\JU  
Sample : 04363-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

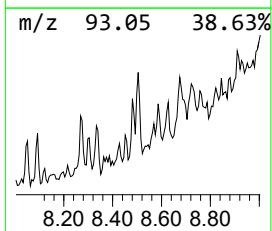
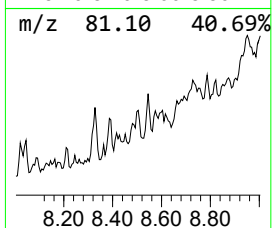
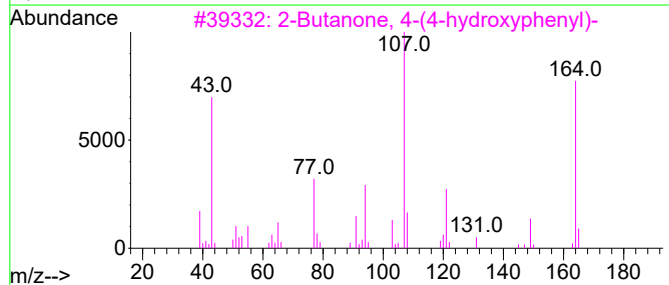
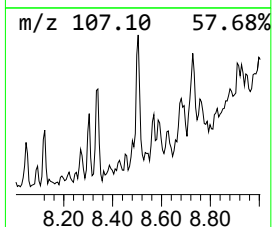
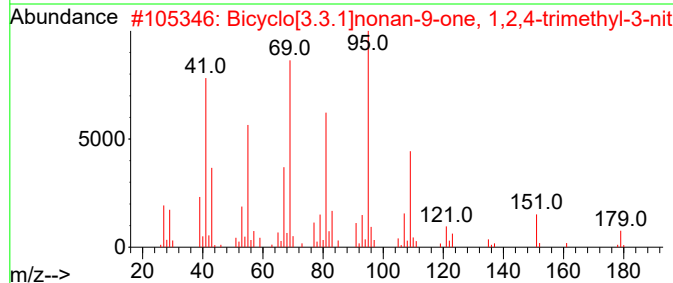
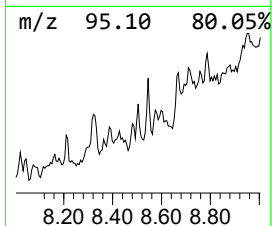
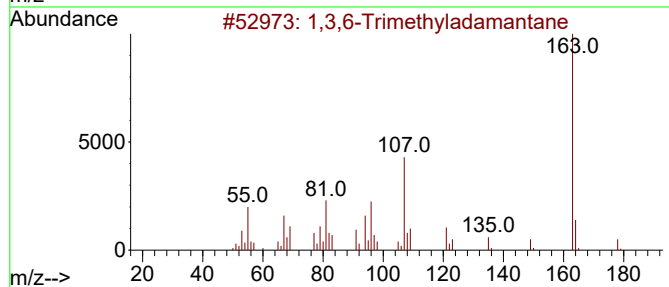
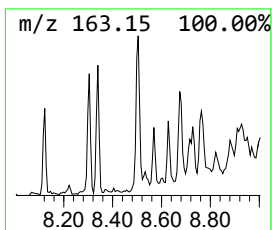
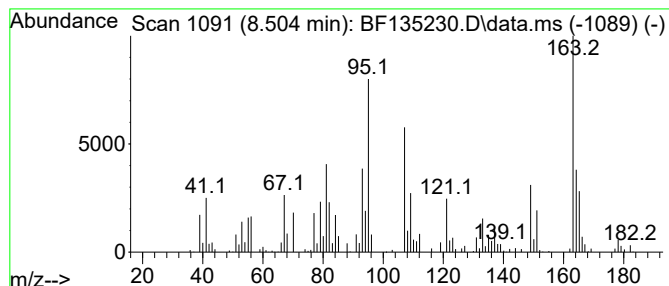
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown8.504 Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.504 | 6.75 ng | 305637 | Naphthalene-d8   | 8.039 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|------|-------------------------------------|-----|-----------|-------------|------|
| 1    |      | 1,3,6-Trimethyladamantane           | 178 | C13H22    | 024139-37-5 | 38   |
| 2    |      | Bicyclo[3.3.1]nonan-9-one, 1,2,4... | 225 | C12H19NO3 | 129967-65-3 | 22   |
| 3    |      | 2-Butanone, 4-(4-hydroxyphenyl)-    | 164 | C10H12O2  | 005471-51-2 | 18   |
| 4    |      | Santolina epoxide                   | 152 | C10H16O   | 060485-45-2 | 15   |
| 5    |      | 2-Propenal, 3-(2,6,6-trimethyl-1... | 178 | C12H18O   | 004951-40-0 | 14   |



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Data File : BF135230.D  
Acq On : 13 Sep 2023 19:15  
Operator : CG\JU  
Sample : 04363-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

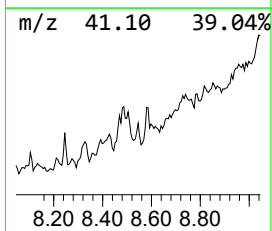
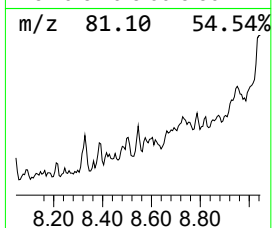
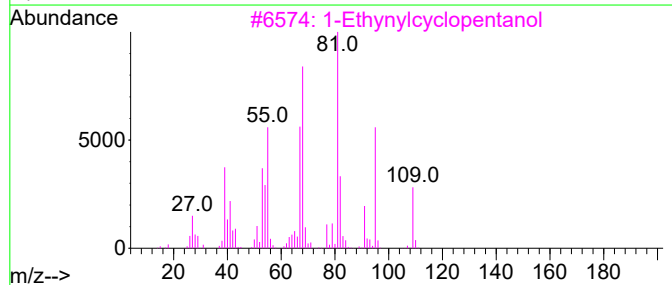
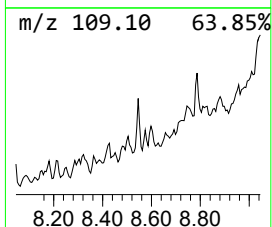
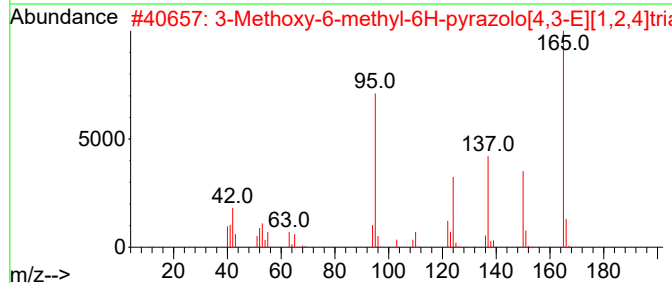
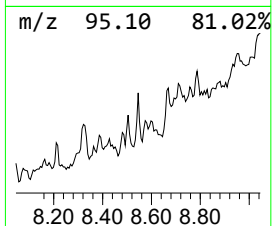
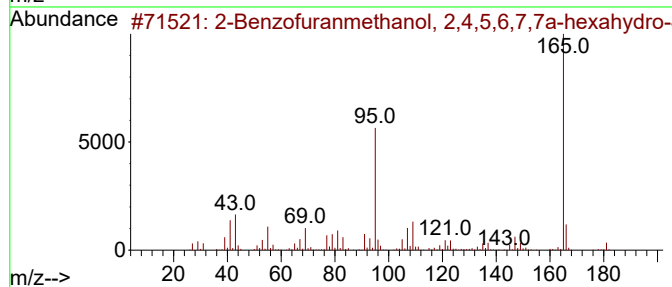
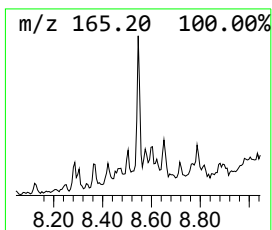
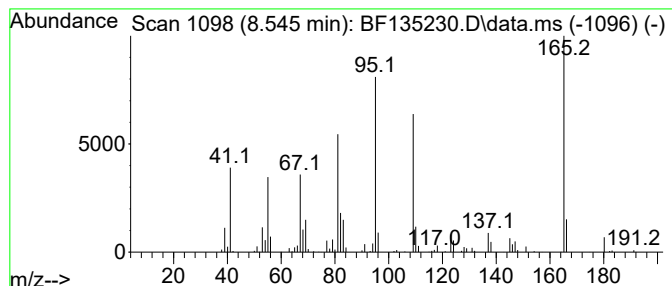
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 2-Benzofuranmethanol, 2,4,5... Concentration Rank 10

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 8.545     | 2.98 ng                             | 134684 | Naphthalene-d8   | 8.039        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 2-Benzofuranmethanol, 2,4,5,6,7,... | 196    | C12H20O2         | 077384-15-7  | 53   |
| 2         | 3-Methoxy-6-methyl-6H-pyrazolo[4... | 165    | C6H7N5O          | 037526-57-1  | 52   |
| 3         | 1-Ethynylcyclopentanol              | 110    | C7H10O           | 017356-19-3  | 45   |
| 4         | 1,1,6,6-Tetramethylspiro[4.4]nonane | 180    | C13H24           | 074054-92-5  | 43   |
| 5         | Bicyclo[3.1.0]hexane, 1,5-dimethyl- | 110    | C8H14            | 1010142-17-5 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135230.D  
Acq On : 13 Sep 2023 19:15  
Operator : CG\JU  
Sample : 04363-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

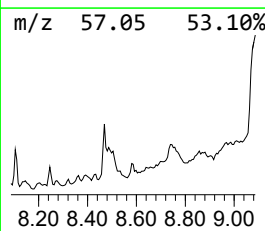
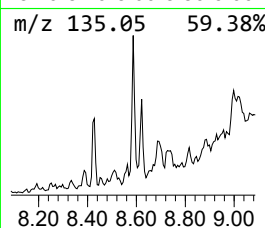
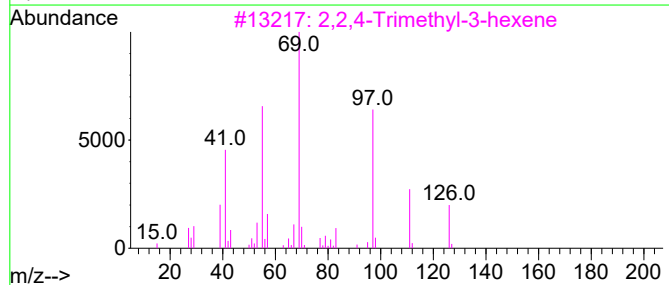
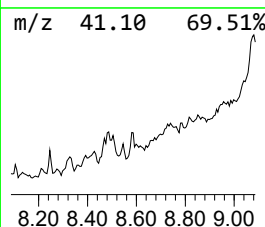
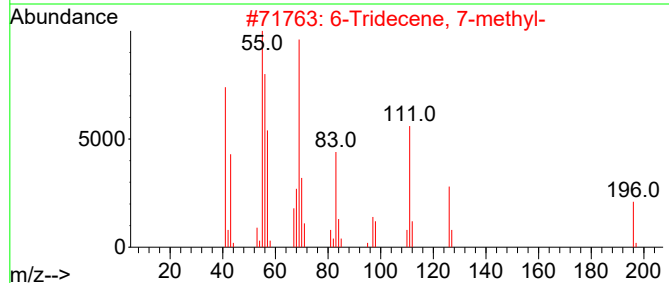
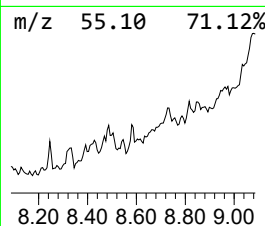
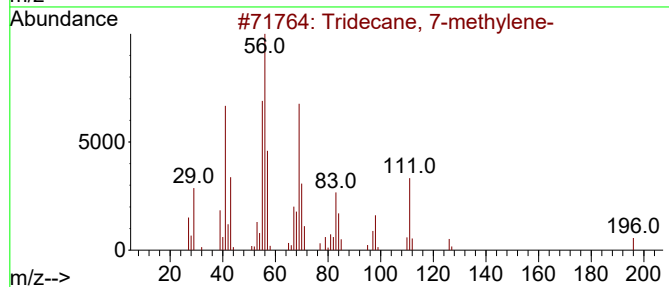
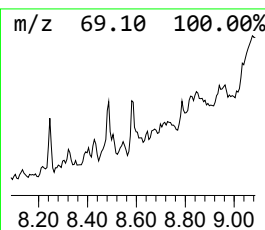
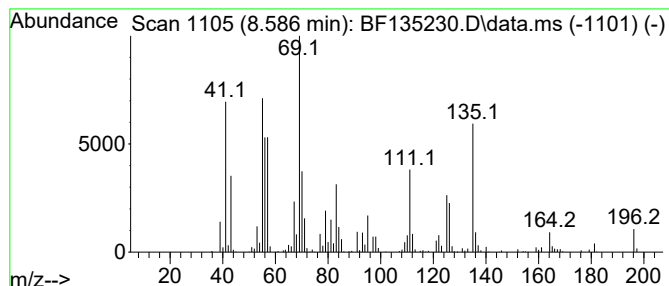
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Tridecane, 7-methylene- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.586 | 8.66 ng | 391922 | Naphthalene-d8   | 8.039 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 7-methylene-             | 196 | C14H28  | 019780-80-4 | 62   |
| 2    |    |   | 6-Tridecene, 7-methyl-              | 196 | C14H28  | 024949-42-6 | 55   |
| 3    |    |   | 2,2,4-Trimethyl-3-hexene            | 126 | C9H18   | 059643-72-0 | 43   |
| 4    |    |   | 2-Methyl-2-octene                   | 126 | C9H18   | 016993-86-5 | 43   |
| 5    |    |   | 1.alpha.,2.beta.,3.alpha.,4.beta... | 126 | C9H18   | 002532-67-4 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135230.D  
Acq On : 13 Sep 2023 19:15  
Operator : CG\JU  
Sample : 04363-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

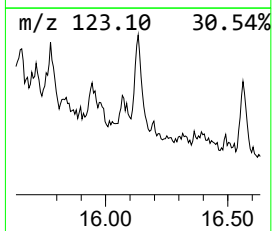
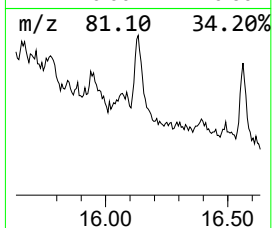
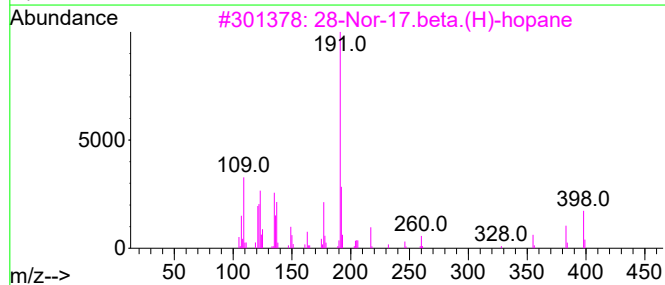
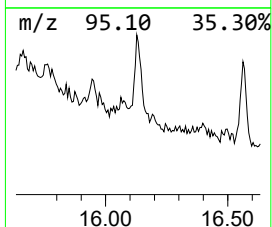
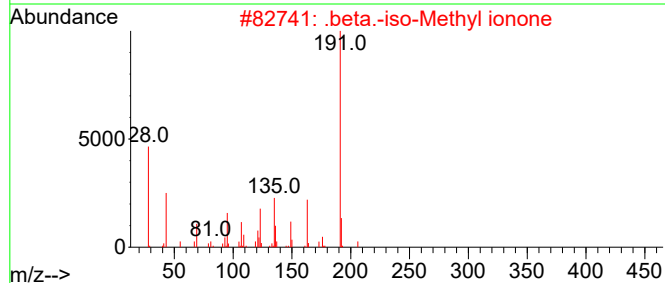
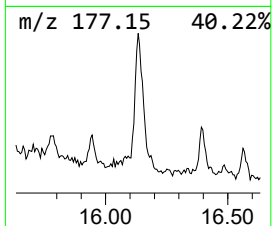
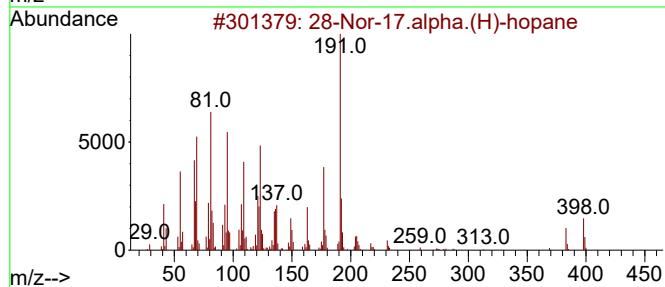
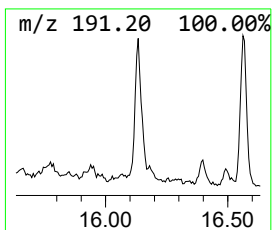
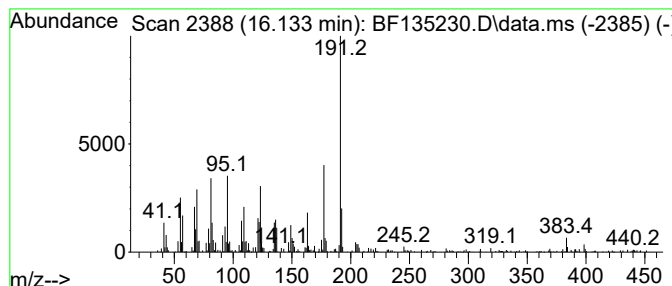
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 28-Nor-17.alpha.(H)-hopane Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.133 | 22.24 ng | 870499 | Perylene-d12     | 15.451 |

| Hit# | of | 5 | Tentative ID                            | MW       | MolForm      | CAS#         | Qual |
|------|----|---|-----------------------------------------|----------|--------------|--------------|------|
| 1    |    |   | 28-Nor-17.alpha.(H)-hopane              | 398      | C29H50       | 053584-60-4  | 95   |
| 2    |    |   | .beta.-iso-Methyl ionone                | 206      | C14H22O      | 1000285-40-2 | 58   |
| 3    |    |   | 28-Nor-17.beta.(H)-hopane               | 398      | C29H50       | 036728-72-0  | 55   |
| 4    |    |   | (7S,7aR,13aS)-9-Methoxy-4,4,7,7a... 344 | C22H32O3 | 1000482-45-3 | 43           |      |
| 5    |    |   | 1-Penten-3-one, 1-(2,6,6-trimeth...     | 206      | C14H22O      | 000127-43-5  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135230.D  
Acq On : 13 Sep 2023 19:15  
Operator : CG\JU  
Sample : 04363-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

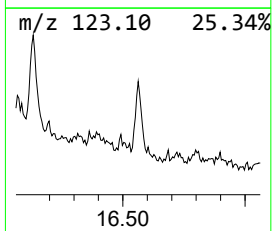
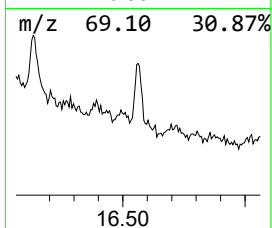
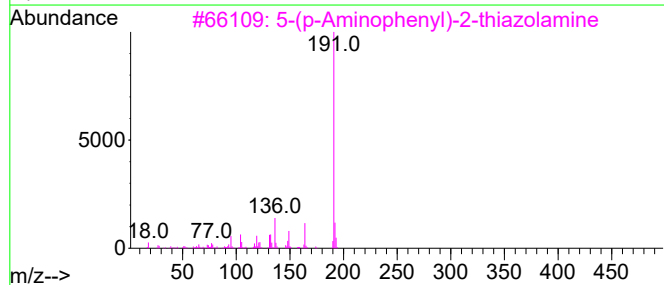
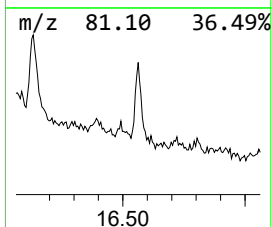
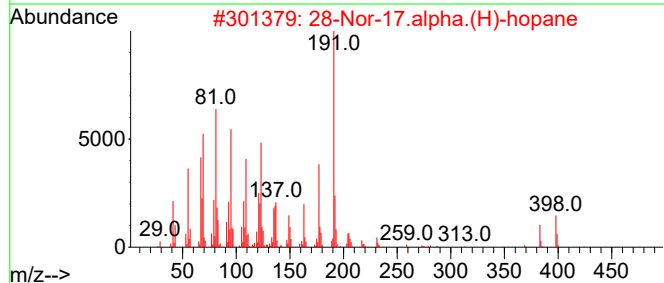
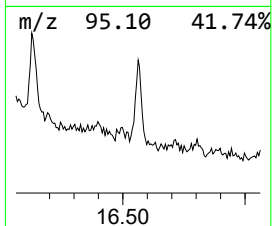
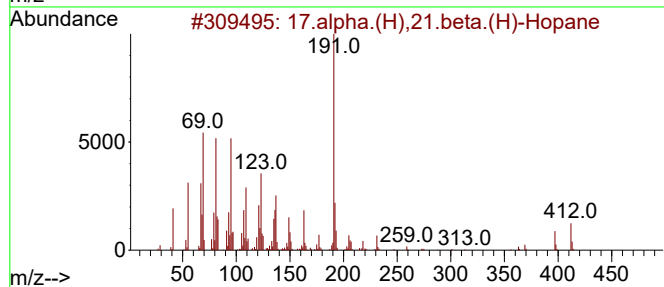
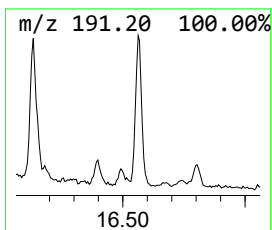
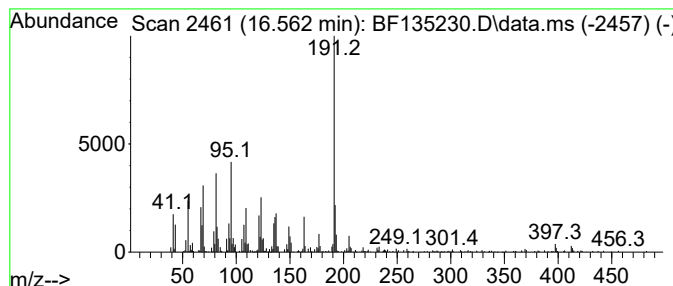
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 17.alpha.(H),21.beta.(H)-Ho... Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.563 | 16.09 ng | 629801 | Perylene-d12     | 15.451 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | 17.alpha.(H),21.beta.(H)-Hopane     | 412 | C30H52       | 013849-96-2  | 60   |
| 2    |    |   | 28-Nor-17.alpha.(H)-hopane          | 398 | C29H50       | 053584-60-4  | 43   |
| 3    |    |   | 5-(p-Aminophenyl)-2-thiazolamine    | 191 | C9H9N3S      | 090349-87-4  | 38   |
| 4    |    |   | 3-Fluoro-4-trifluoromethylbenzoi... | 420 | C14H4Cl4F4O2 | 1000360-60-1 | 38   |
| 5    |    |   | 5-Fluoro-2-trifluoromethylbenzoi... | 418 | C23H34F4O2   | 1000338-56-0 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135230.D  
Acq On : 13 Sep 2023 19:15  
Operator : CG\JU  
Sample : 04363-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.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 |
| Cyclohexane, 1,... | 7.863  | 2.7     | ng    | 121912   | 2                     | 8.039  | 905353 | 20.0 |
| Benzene, 2,4-di... | 7.945  | 2.1     | ng    | 97344    | 2                     | 8.039  | 905353 | 20.0 |
| unknown8.216       | 8.216  | 4.2     | ng    | 190040   | 2                     | 8.039  | 905353 | 20.0 |
| Cyclohexane, 2-... | 8.245  | 3.8     | ng    | 171868   | 2                     | 8.039  | 905353 | 20.0 |
| Benzene, 2-meth... | 8.275  | 2.5     | ng    | 112971   | 2                     | 8.039  | 905353 | 20.0 |
| unknown8.334       | 8.334  | 5.9     | ng    | 269030   | 2                     | 8.039  | 905353 | 20.0 |
| unknown8.392       | 8.392  | 4.6     | ng    | 208173   | 2                     | 8.039  | 905353 | 20.0 |
| unknown8.486       | 8.486  | 10.7    | ng    | 484287   | 2                     | 8.039  | 905353 | 20.0 |
| unknown8.504       | 8.504  | 6.8     | ng    | 305637   | 2                     | 8.039  | 905353 | 20.0 |
| 2-Benzofuranmet... | 8.545  | 3.0     | ng    | 134684   | 2                     | 8.039  | 905353 | 20.0 |
| Tridecane, 7-me... | 8.586  | 8.7     | ng    | 391922   | 2                     | 8.039  | 905353 | 20.0 |
| 28-Nor-17.alpha... | 16.133 | 22.2    | ng    | 870499   | 6                     | 15.451 | 782797 | 20.0 |
| 17.alpha.(H),21... | 16.563 | 16.1    | ng    | 629801   | 6                     | 15.451 | 782797 | 20.0 |