

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
 Data File : BF135226.D  
 Acq On : 13 Sep 2023 17:03  
 Operator : CG\JU  
 Sample : 04314-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-201

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: BF135226.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         | 2.122       | 3             | 6           | 29           | rVB      | 34028          | 79297         | 3.25%           | 0.487%        |
| 2         | 4.357       | 382           | 386         | 395          | rBV      | 92977          | 112962        | 4.63%           | 0.694%        |
| 3         | 4.987       | 488           | 493         | 505          | rVB      | 474338         | 583937        | 23.96%          | 3.588%        |
| 4         | 5.393       | 558           | 562         | 574          | rBV      | 1988321        | 1814758       | 74.45%          | 11.150%       |
| 5         | 6.404       | 729           | 734         | 737          | rBV      | 2070317        | 1975093       | 81.03%          | 12.135%       |
| 6         | 6.763       | 791           | 795         | 798          | rBV      | 770017         | 639953        | 26.26%          | 3.932%        |
| 7         | 7.328       | 886           | 891         | 894          | rBV      | 1451600        | 1404241       | 57.61%          | 8.628%        |
| 8         | 8.040       | 1008          | 1012        | 1016         | rBV      | 1024425        | 837426        | 34.36%          | 5.145%        |
| 9         | 9.122       | 1191          | 1196        | 1199         | rBV      | 2853258        | 2437400       | 100.00%         | 14.976%       |
| 10        | 9.198       | 1205          | 1209        | 1212         | rBV      | 49294          | 46115         | 1.89%           | 0.283%        |
| 11        | 9.239       | 1212          | 1216        | 1219         | rVV      | 31969          | 30897         | 1.27%           | 0.190%        |
| 12        | 9.498       | 1258          | 1260        | 1263         | rBV2     | 36654          | 34423         | 1.41%           | 0.212%        |
| 13        | 9.663       | 1285          | 1288        | 1290         | rBV3     | 31707          | 37109         | 1.52%           | 0.228%        |
| 14        | 9.704       | 1292          | 1295        | 1298         | rVB      | 72805          | 60899         | 2.50%           | 0.374%        |
| 15        | 9.745       | 1298          | 1302        | 1304         | rBV3     | 21123          | 30424         | 1.25%           | 0.187%        |
| 16        | 9.798       | 1307          | 1311        | 1314         | rVB      | 1055141        | 861319        | 35.34%          | 5.292%        |
| 17        | 10.004      | 1343          | 1346        | 1351         | rBV5     | 29434          | 56251         | 2.31%           | 0.346%        |
| 18        | 10.057      | 1353          | 1355        | 1358         | rBV2     | 39022          | 36347         | 1.49%           | 0.223%        |
| 19        | 10.134      | 1363          | 1368        | 1371         | rBV3     | 43801          | 82330         | 3.38%           | 0.506%        |
| 20        | 10.163      | 1371          | 1373        | 1376         | rBV4     | 48799          | 56515         | 2.32%           | 0.347%        |
| 21        | 10.204      | 1377          | 1380        | 1382         | rBV2     | 162891         | 137615        | 5.65%           | 0.846%        |
| 22        | 10.592      | 1442          | 1446        | 1449         | rBV      | 978159         | 984120        | 40.38%          | 6.047%        |
| 23        | 10.728      | 1464          | 1469        | 1472         | rBV2     | 254357         | 426992        | 17.52%          | 2.624%        |
| 24        | 10.922      | 1500          | 1502        | 1504         | rBV2     | 150878         | 151363        | 6.21%           | 0.930%        |
| 25        | 11.292      | 1562          | 1565        | 1569         | rBV      | 763844         | 735743        | 30.19%          | 4.521%        |
| 26        | 12.892      | 1834          | 1837        | 1843         | rVB      | 1656782        | 1515799       | 62.19%          | 9.313%        |
| 27        | 13.945      | 2013          | 2016        | 2025         | rVB      | 481678         | 500053        | 20.52%          | 3.072%        |
| 28        | 15.410      | 2261          | 2265        | 2270         | rBV      | 433156         | 556656        | 22.84%          | 3.420%        |
| 29        | 16.533      | 2453          | 2456        | 2465         | rVB4     | 25553          | 49475         | 2.03%           | 0.304%        |

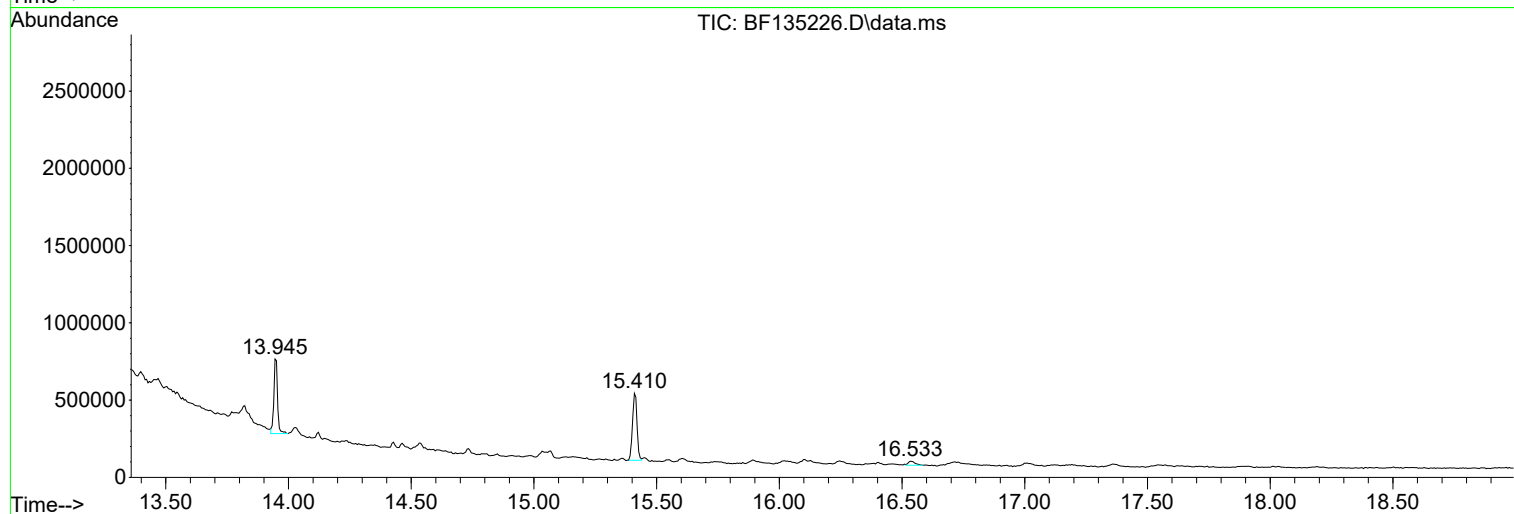
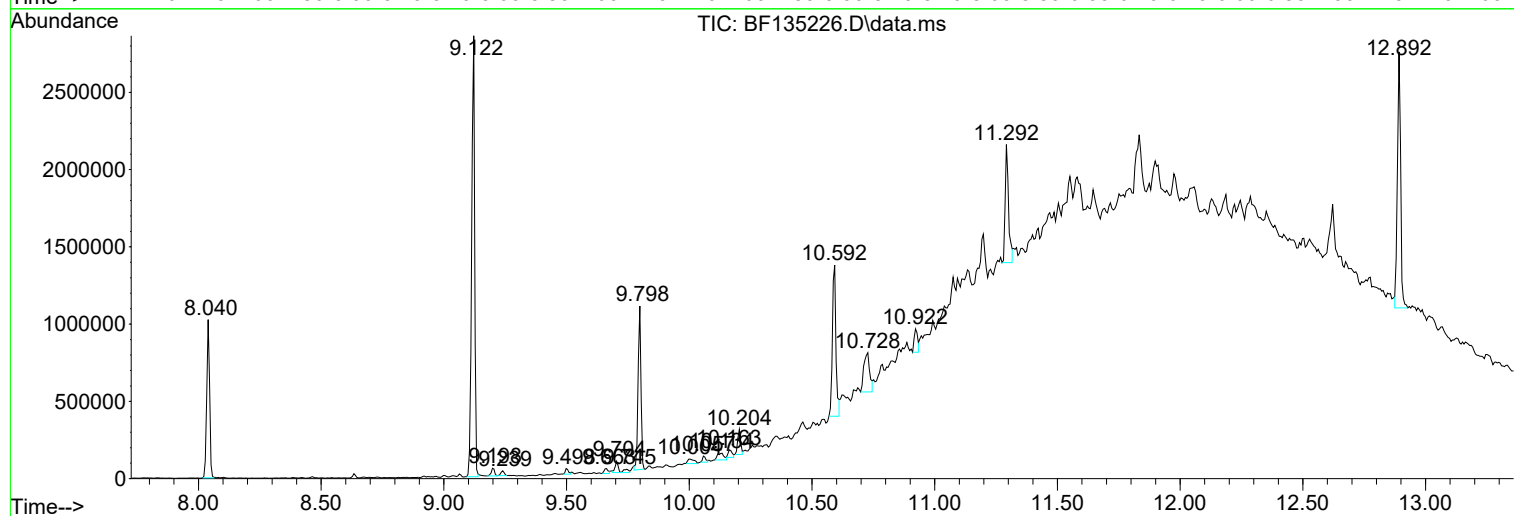
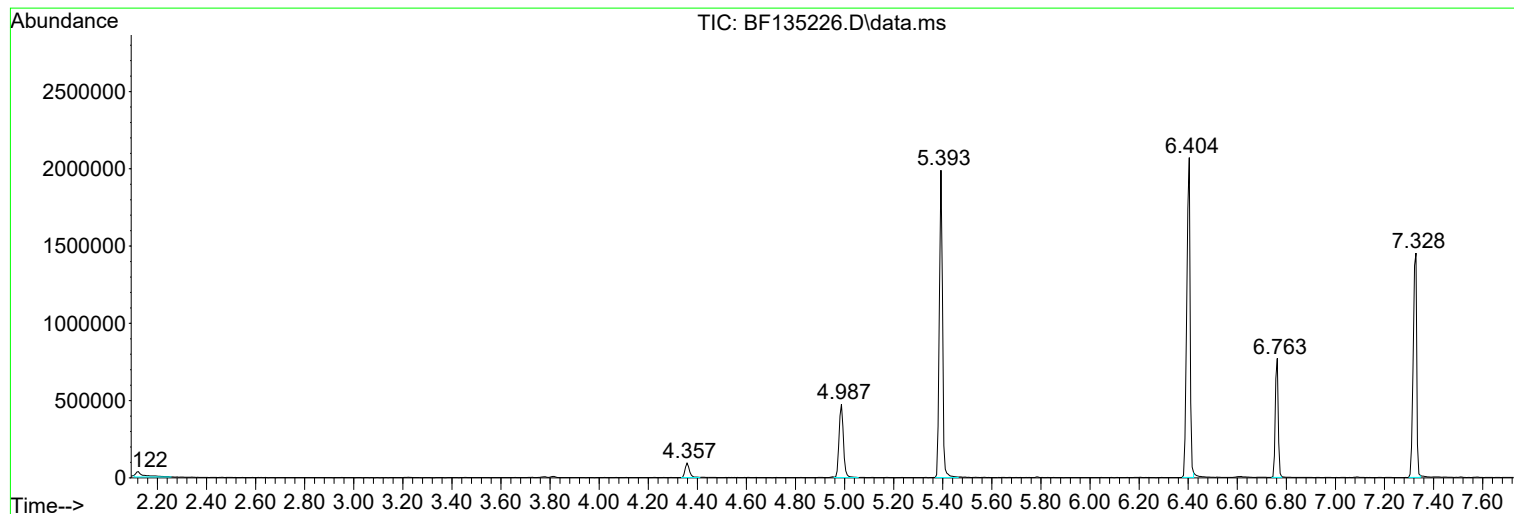
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ALS Vial : 5 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
VNJ-201

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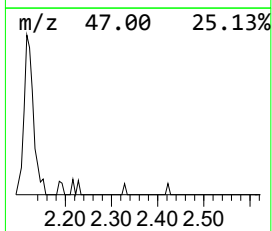
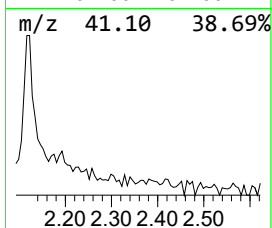
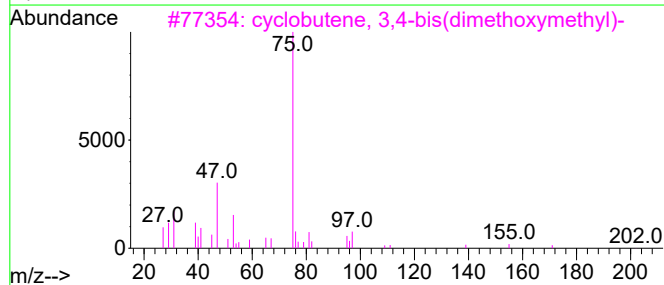
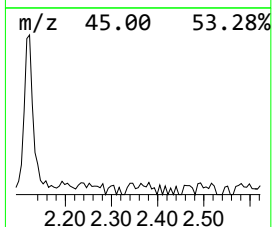
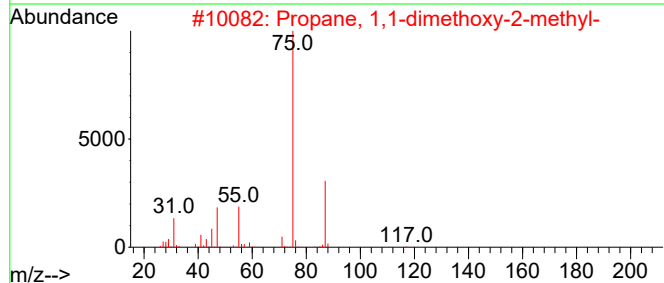
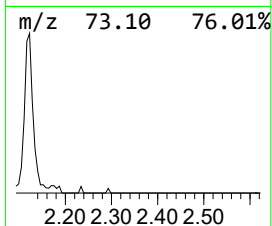
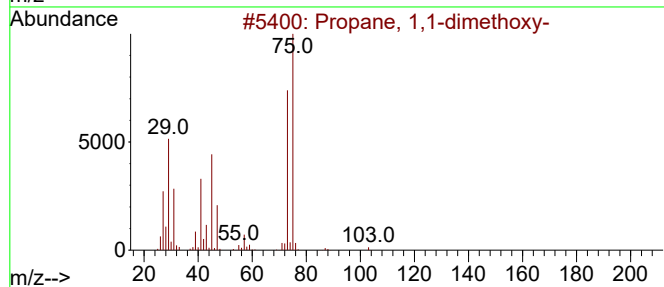
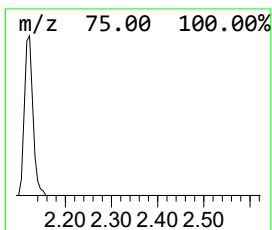
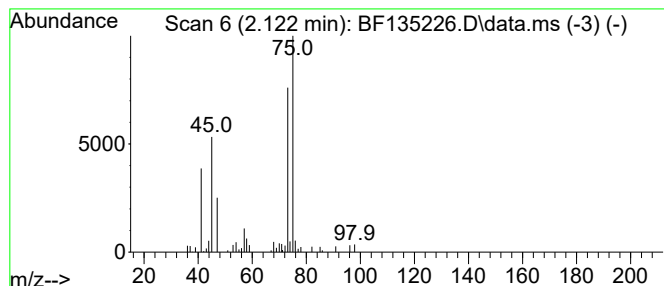
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 2.122 | 2.48 ng | 79297 | 1,4-Dichlorobenzene-d4 | 6.763 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Propane, 1,1-dimethoxy-             | 104 | C5H12O2  | 004744-10-9  | 83   |
| 2    |    |   | Propane, 1,1-dimethoxy-2-methyl-    | 118 | C6H14O2  | 041632-89-7  | 28   |
| 3    |    |   | cyclobutene, 3,4-bis(dimethoxyme... | 202 | C10H18O4 | 1000396-04-8 | 25   |
| 4    |    |   | Aminoacetaldehyde dimethyl acetal   | 105 | C4H11NO2 | 022483-09-6  | 25   |
| 5    |    |   | Thiocyanic acid, methyl ester       | 73  | C2H3NS   | 000556-64-9  | 9    |



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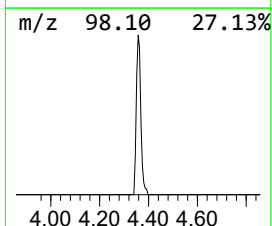
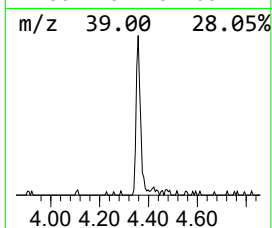
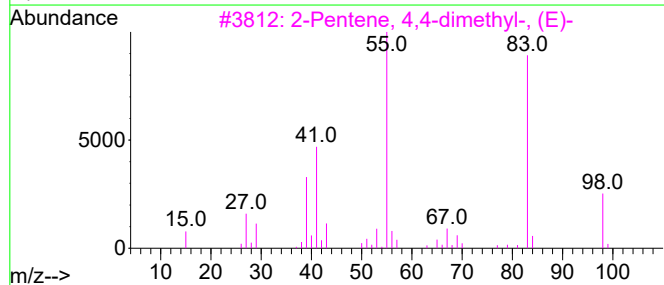
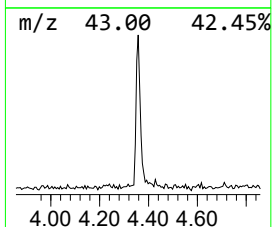
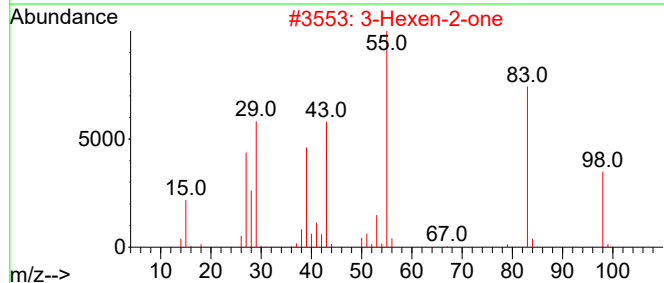
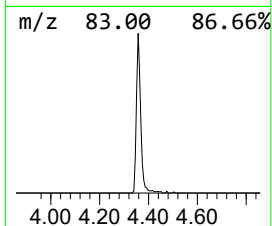
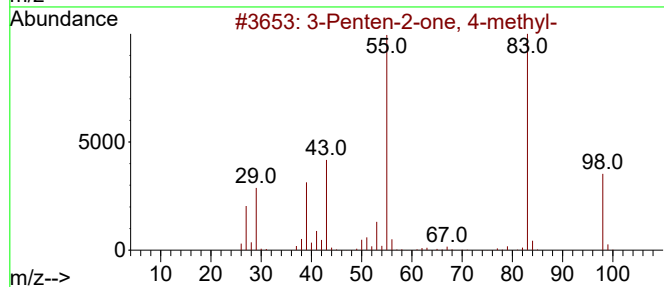
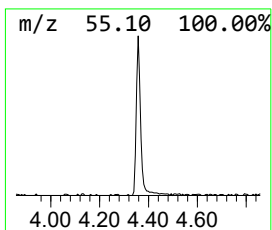
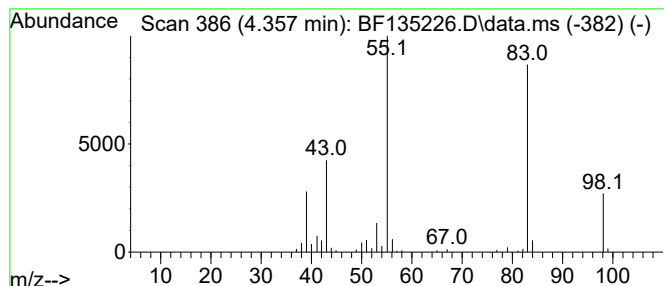
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.357 | 3.53 ng | 112962 | 1,4-Dichlorobenzene-d4 | 6.763 |

| Hit# | of 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|------|--------------------------------|----|---------|-------------|------|
| 1    |      | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 91   |
| 2    |      | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 91   |
| 3    |      | 2-Pentene, 4,4-dimethyl-, (E)- | 98 | C7H14   | 000690-08-4 | 90   |
| 4    |      | 2-Pentene, 3,4-dimethyl-       | 98 | C7H14   | 024910-63-2 | 86   |
| 5    |      | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 86   |



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ALS Vial : 5 Sample Multiplier: 1

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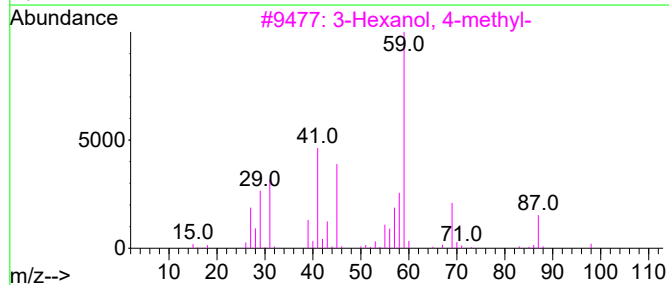
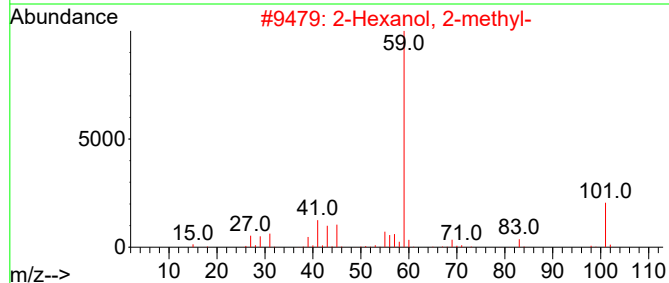
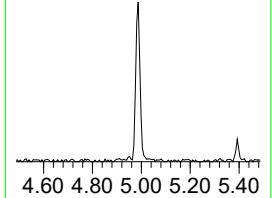
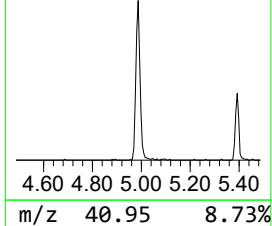
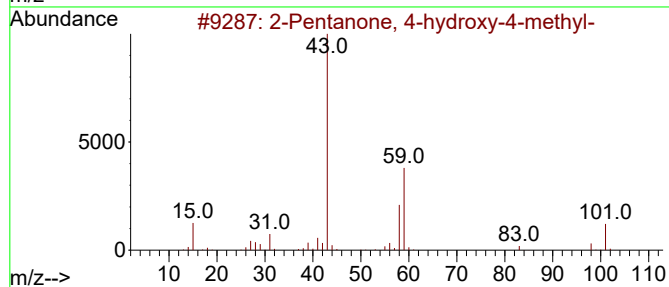
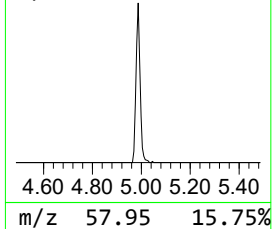
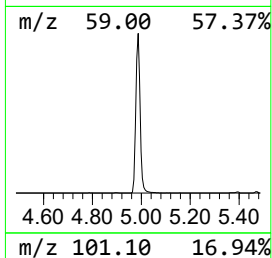
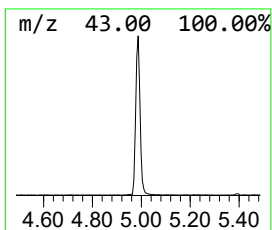
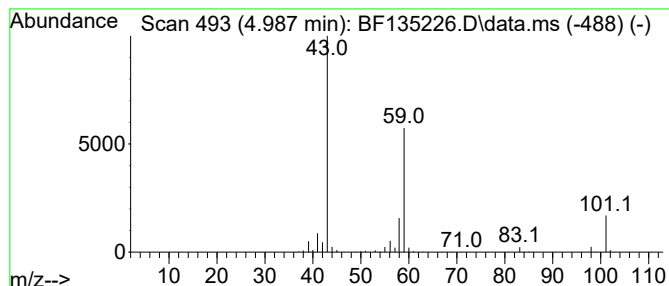
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD       |          |             | R.T.  |
|-----------|-------------------------------------|--------|------------------------|----------|-------------|-------|
| 4.987     | 18.25 ng                            | 583937 | 1,4-Dichlorobenzene-d4 |          |             | 6.763 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm  | CAS#        | Qual  |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    |        | 116                    | C6H12O2  | 000123-42-2 | 59    |
| 2         | 2-Hexanol, 2-methyl-                |        | 116                    | C7H16O   | 000625-23-0 | 33    |
| 3         | 3-Hexanol, 4-methyl-                |        | 116                    | C7H16O   | 000615-29-2 | 33    |
| 4         | Acetic acid, cyano-, 1,1-dimethy... |        | 141                    | C7H11NO2 | 001116-98-9 | 23    |
| 5         | 1-Propen-2-ol, acetate              |        | 100                    | C5H8O2   | 000108-22-5 | 12    |



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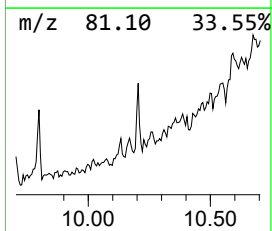
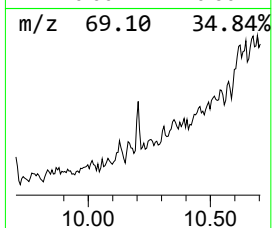
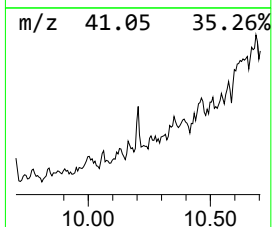
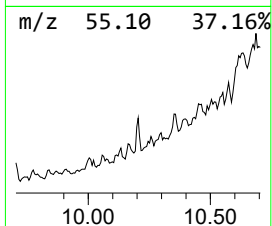
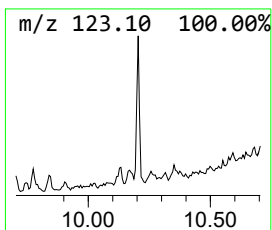
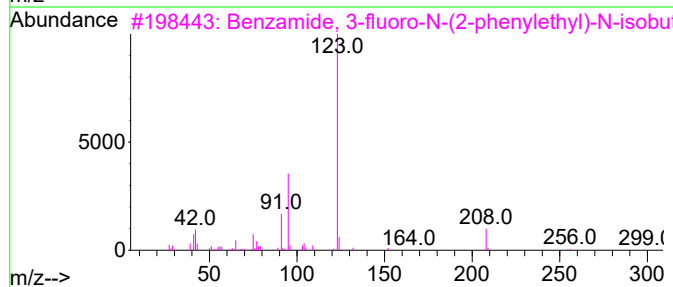
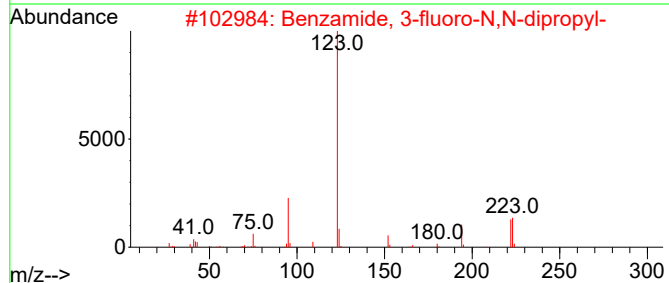
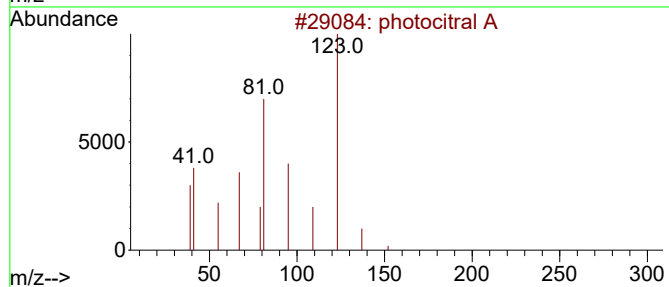
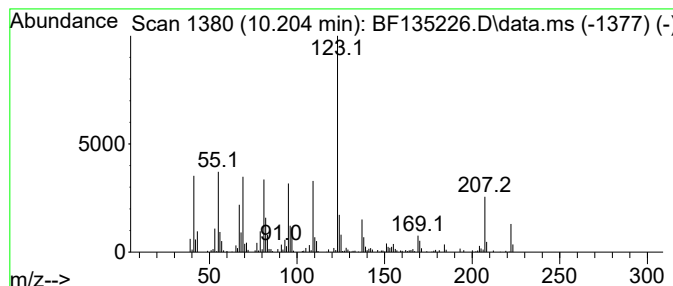
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Peak Number 4 photocitral A Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.204 | 3.20 ng | 137615 | Acenaphthene-d10 | 9.798 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | photocitral A                       | 152 | C10H16O   | 055253-28-6  | 52   |
| 2    |    |   | Benzamide, 3-fluoro-N,N-dipropyl-   | 223 | C13H18FNO | 1000438-01-7 | 50   |
| 3    |    |   | Benzamide, 3-fluoro-N-(2-phenyle... | 299 | C19H22FNO | 1000451-30-2 | 47   |
| 4    |    |   | 4-Fluorobenzoic acid, 5-pentadec... | 350 | C22H35FO2 | 1000280-68-6 | 47   |
| 5    |    |   | Benzamide, 3-fluoro-N-methyl-N-p... | 223 | C13H18FNO | 1000421-36-9 | 47   |



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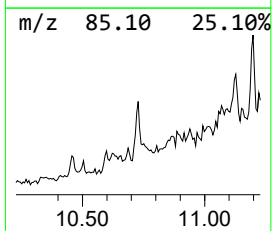
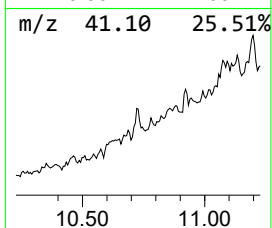
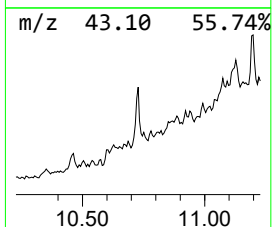
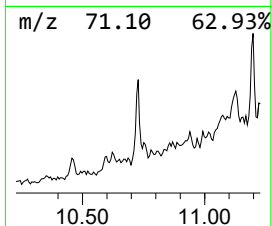
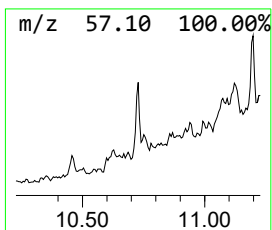
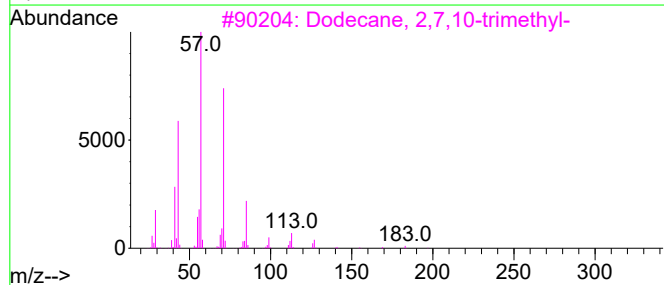
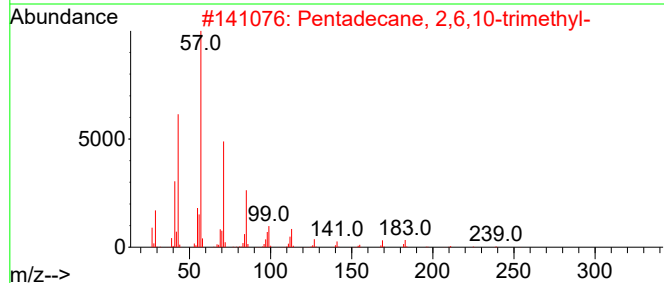
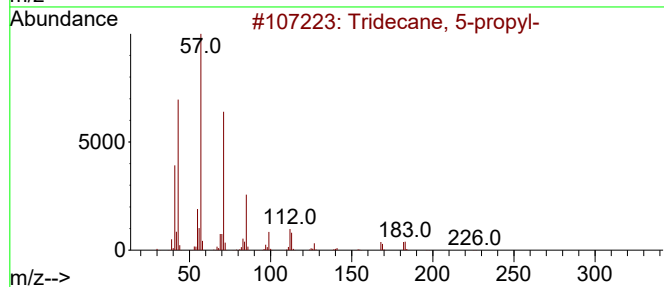
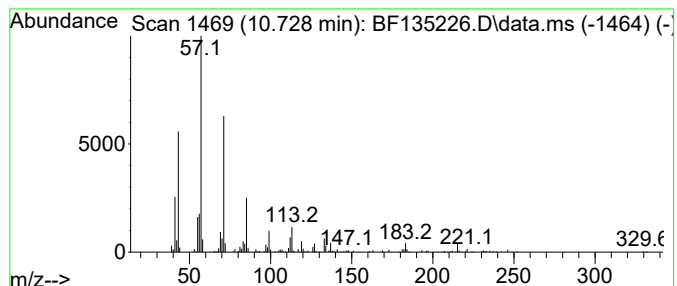
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Tridecane, 5-propyl- Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.728 | 11.61 ng | 426992 | Phenanthrene-d10 | 11.292 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 5-propyl-                | 226 | C16H34  | 055045-11-9 | 80   |
| 2    |    |   | Pentadecane, 2,6,10-trimethyl-      | 254 | C18H38  | 003892-00-0 | 72   |
| 3    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 72   |
| 4    |    |   | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 64   |
| 5    |    |   | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135226.D  
Acq On : 13 Sep 2023 17:03  
Operator : CG\JU  
Sample : 04314-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-201

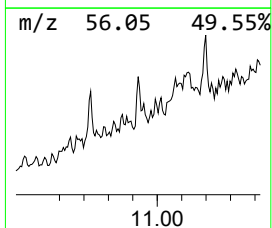
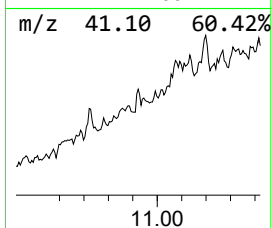
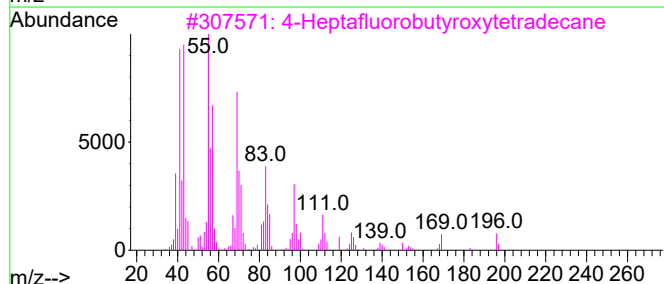
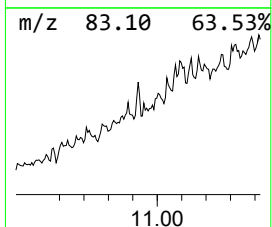
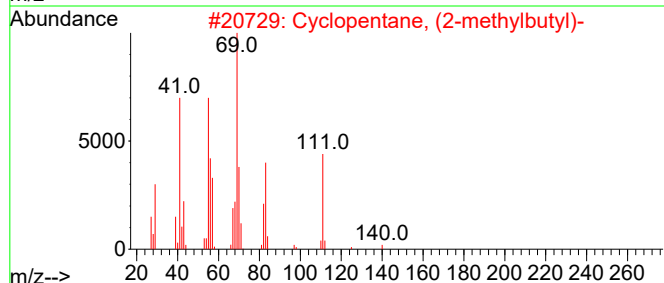
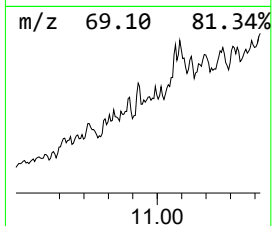
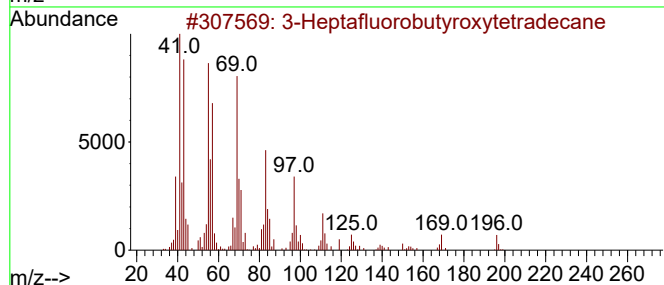
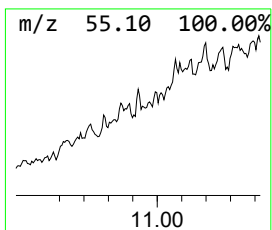
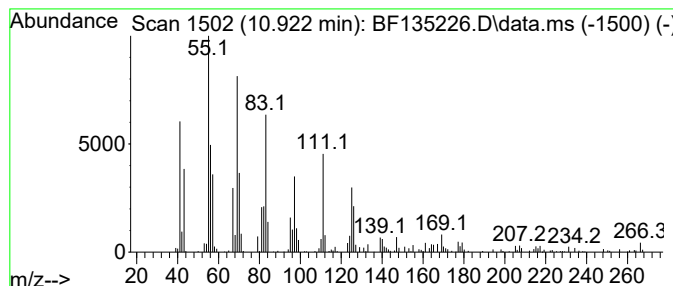
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 3-Heptafluorobutyroxytetrad... Concentration Rank 3

| R.T.      | EstConc                              | Area   | Relative to ISTD |            |              | R.T.   |
|-----------|--------------------------------------|--------|------------------|------------|--------------|--------|
| 10.922    | 4.11 ng                              | 151363 | Phenanthrene-d10 |            |              | 11.292 |
| Hit# of 5 | Tentative ID                         |        | MW               | MolForm    | CAS#         | Qual   |
| 1         | 3-Heptafluorobutyroxytetradecane     |        | 410              | C18H29F7O2 | 1000245-49-8 | 53     |
| 2         | Cyclopentane, (2-methylbutyl)-       |        | 140              | C10H20     | 053366-38-4  | 53     |
| 3         | 4-Heptafluorobutyroxytetradecane     |        | 410              | C18H29F7O2 | 1000245-49-9 | 50     |
| 4         | Cyclohexane, 1,2,4-trimethyl-        |        | 126              | C9H18      | 002234-75-5  | 46     |
| 5         | Cyclohexane, 1,3,5-trimethyl-, (...) |        | 126              | C9H18      | 001795-26-2  | 46     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091323\  
Data File : BF135226.D  
Acq On : 13 Sep 2023 17:03  
Operator : CG\JU  
Sample : 04314-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-201

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 |
| Propane, 1,1-di... | 2.122  | 2.5     | ng    | 79297    | 1                     | 6.763  | 639953 | 20.0 |
| 3-Penten-2-one,... | 4.357  | 3.5     | ng    | 112962   | 1                     | 6.763  | 639953 | 20.0 |
| 2-Pentanone, 4-... | 4.987  | 18.3    | ng    | 583937   | 1                     | 6.763  | 639953 | 20.0 |
| photocitral A      | 10.204 | 3.2     | ng    | 137615   | 3                     | 9.798  | 861319 | 20.0 |
| Tridecane, 5-pr... | 10.728 | 11.6    | ng    | 426992   | 4                     | 11.292 | 735743 | 20.0 |
| 3-Heptafluorobu... | 10.922 | 4.1     | ng    | 151363   | 4                     | 11.292 | 735743 | 20.0 |