

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
 Data File : BF127953.D  
 Acq On : 27 Apr 2022 18:59  
 Operator : CG\JU  
 Sample : N2482-14  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SPN-9

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127953.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         | 4.469       | 367           | 371         | 383          | rVV2     | 277899         | 409572        | 9.49%           | 1.754%        |
| 2         | 4.569       | 383           | 388         | 393          | rVB      | 96524          | 107697        | 2.49%           | 0.461%        |
| 3         | 5.169       | 485           | 490         | 501          | rBV      | 105986         | 130988        | 3.03%           | 0.561%        |
| 4         | 5.551       | 549           | 555         | 559          | rBV      | 2198967        | 2098581       | 48.62%          | 8.985%        |
| 5         | 6.104       | 645           | 649         | 652          | rBV      | 176943         | 137331        | 3.18%           | 0.588%        |
| 6         | 6.392       | 694           | 698         | 701          | rBV      | 176687         | 141603        | 3.28%           | 0.606%        |
| 7         | 6.551       | 720           | 725         | 734          | rBV      | 1606050        | 1610483       | 37.31%          | 6.895%        |
| 8         | 6.728       | 751           | 755         | 757          | rBV      | 109074         | 107192        | 2.48%           | 0.459%        |
| 9         | 6.757       | 757           | 760         | 770          | rVV      | 104427         | 176199        | 4.08%           | 0.754%        |
| 10        | 6.845       | 772           | 775         | 786          | rVV      | 117924         | 236605        | 5.48%           | 1.013%        |
| 11        | 6.928       | 786           | 789         | 796          | rVB      | 700661         | 664682        | 15.40%          | 2.846%        |
| 12        | 7.110       | 813           | 820         | 823          | rBV      | 317162         | 287291        | 6.66%           | 1.230%        |
| 13        | 7.334       | 853           | 858         | 868          | rVB2     | 68457          | 97448         | 2.26%           | 0.417%        |
| 14        | 7.498       | 881           | 886         | 889          | rVB      | 2478947        | 2593050       | 60.07%          | 11.102%       |
| 15        | 7.881       | 946           | 951         | 958          | rBV3     | 64669          | 70600         | 1.64%           | 0.302%        |
| 16        | 7.945       | 958           | 962         | 965          | rVV      | 53809          | 49233         | 1.14%           | 0.211%        |
| 17        | 8.151       | 992           | 997         | 1000         | rBV      | 89011          | 97406         | 2.26%           | 0.417%        |
| 18        | 8.210       | 1003          | 1007        | 1011         | rBV      | 842648         | 785407        | 18.19%          | 3.363%        |
| 19        | 8.328       | 1023          | 1027        | 1031         | rBV      | 38933          | 45629         | 1.06%           | 0.195%        |
| 20        | 8.616       | 1073          | 1076        | 1083         | rVB2     | 37330          | 51968         | 1.20%           | 0.223%        |
| 21        | 9.204       | 1171          | 1176        | 1178         | rBV3     | 47320          | 60797         | 1.41%           | 0.260%        |
| 22        | 9.292       | 1185          | 1191        | 1194         | rBV      | 4261968        | 4316720       | 100.00%         | 18.482%       |
| 23        | 9.386       | 1204          | 1207        | 1224         | rVB      | 848563         | 1041786       | 24.13%          | 4.460%        |
| 24        | 9.969       | 1298          | 1306        | 1310         | rBV      | 965378         | 847347        | 19.63%          | 3.628%        |
| 25        | 10.380      | 1372          | 1376        | 1379         | rVB      | 174598         | 148482        | 3.44%           | 0.636%        |
| 26        | 10.674      | 1423          | 1426        | 1428         | rBV      | 142465         | 123891        | 2.87%           | 0.530%        |
| 27        | 10.763      | 1437          | 1441        | 1444         | rBV      | 2272814        | 2010772       | 46.58%          | 8.609%        |
| 28        | 11.463      | 1556          | 1560        | 1567         | rBV      | 850602         | 705832        | 16.35%          | 3.022%        |
| 29        | 11.839      | 1621          | 1624        | 1627         | rBV      | 101580         | 76947         | 1.78%           | 0.329%        |
| 30        | 13.051      | 1825          | 1830        | 1833         | rBV      | 3374234        | 2918419       | 67.61%          | 12.495%       |
| 31        | 14.110      | 2006          | 2010        | 2018         | rVB      | 556436         | 538870        | 12.48%          | 2.307%        |
| 32        | 15.615      | 2261          | 2266        | 2272         | rBV2     | 519988         | 667518        | 15.46%          | 2.858%        |

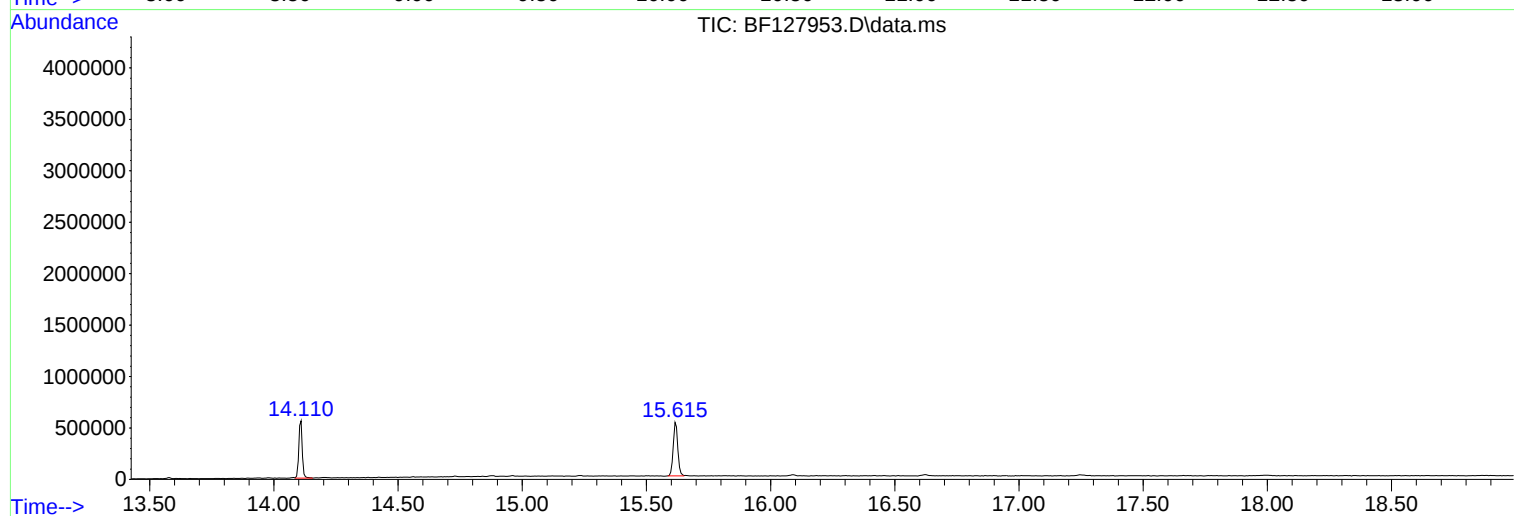
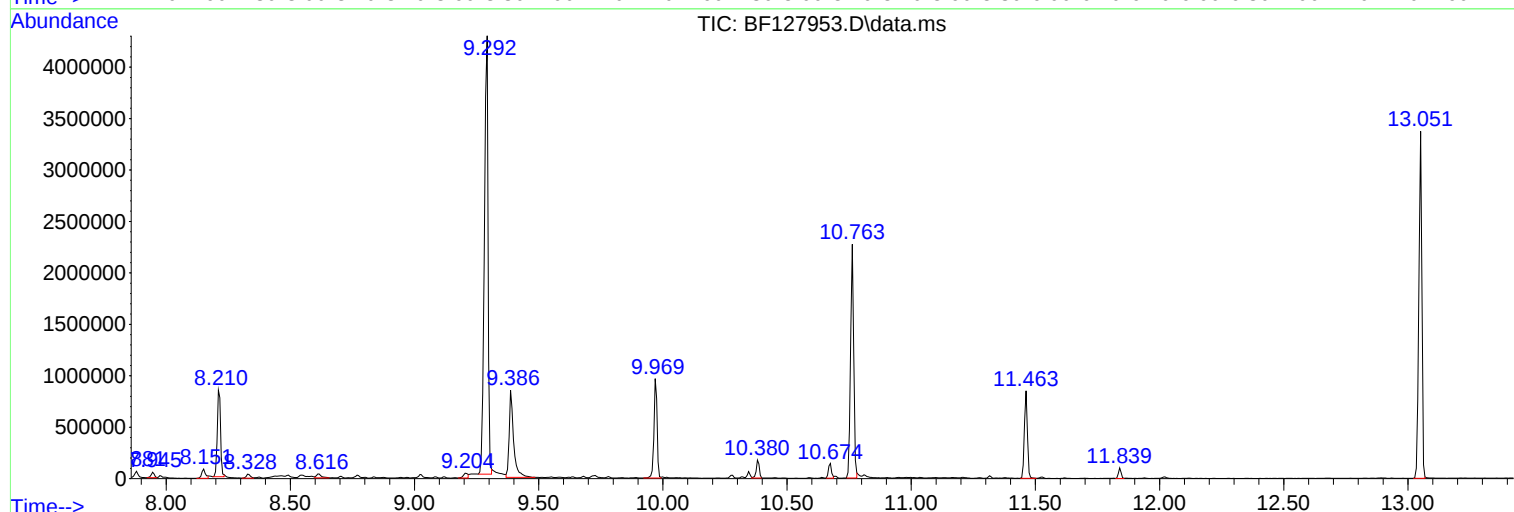
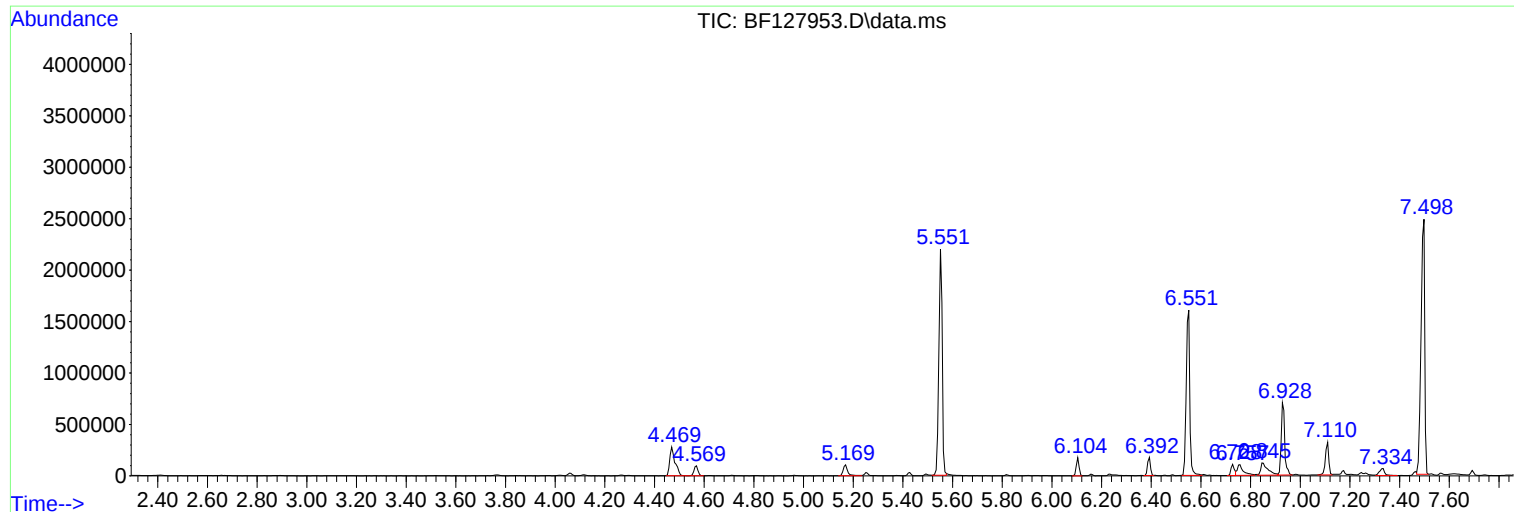
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.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\BF042722\  
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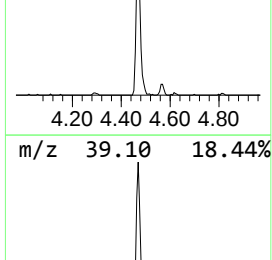
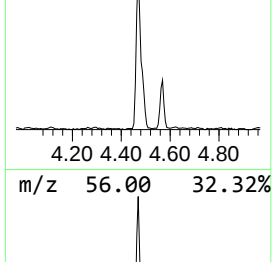
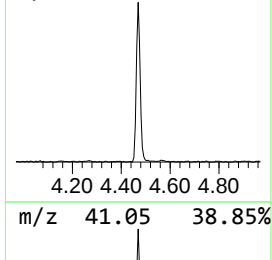
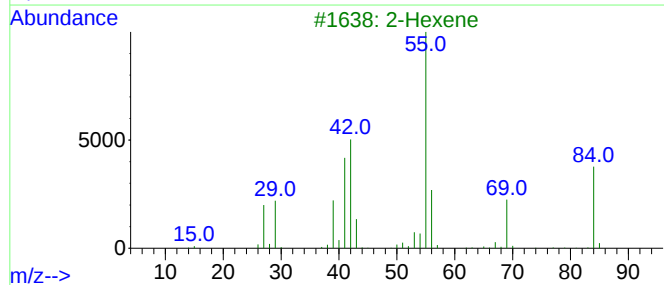
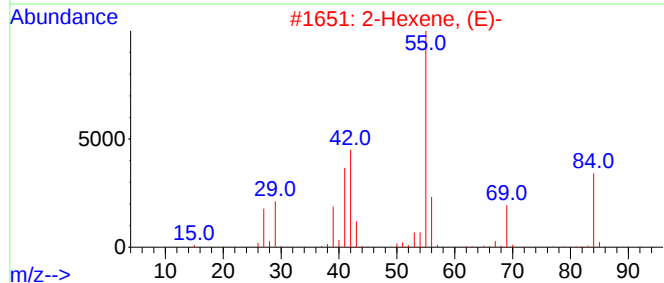
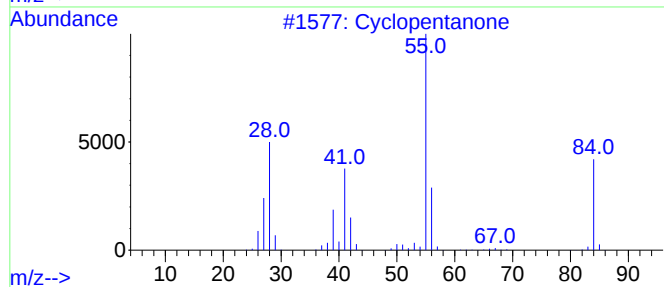
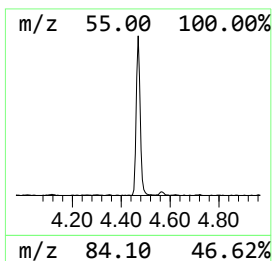
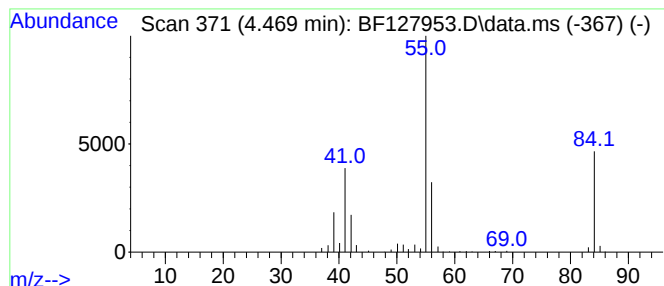
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Cyclopentanone Concentration Rank 2

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 4.469 | 12.32 ng | 409572 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of 5 | Tentative ID   | MW | MolForm | CAS#        | Qual |
|------|------|----------------|----|---------|-------------|------|
| 1    |      | Cyclopentanone | 84 | C5H8O   | 000120-92-3 | 90   |
| 2    |      | 2-Hexene, (E)- | 84 | C6H12   | 004050-45-7 | 50   |
| 3    |      | 2-Hexene       | 84 | C6H12   | 000592-43-8 | 50   |
| 4    |      | 3-Hexene       | 84 | C6H12   | 000592-47-2 | 50   |
| 5    |      | 3-Hexene, (Z)- | 84 | C6H12   | 007642-09-3 | 50   |



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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

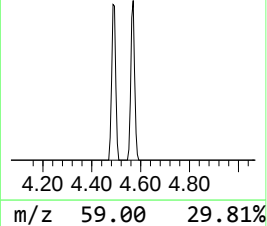
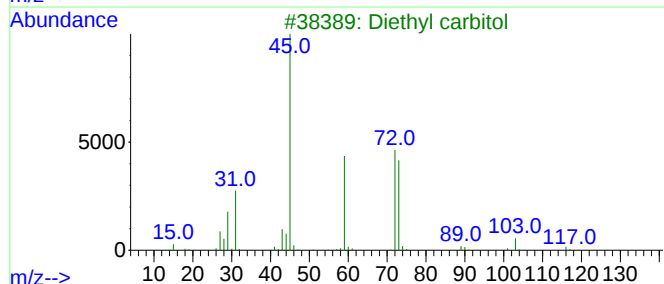
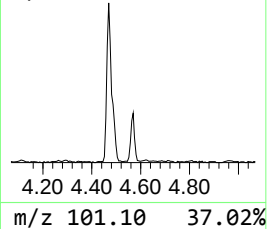
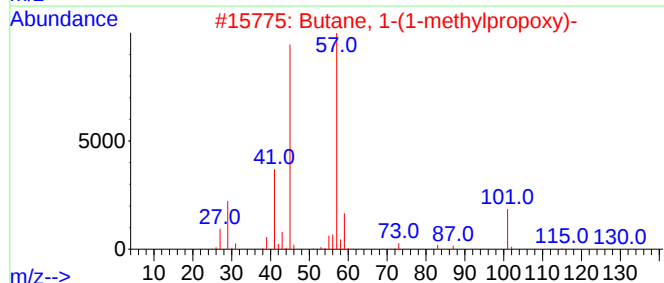
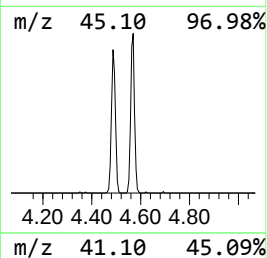
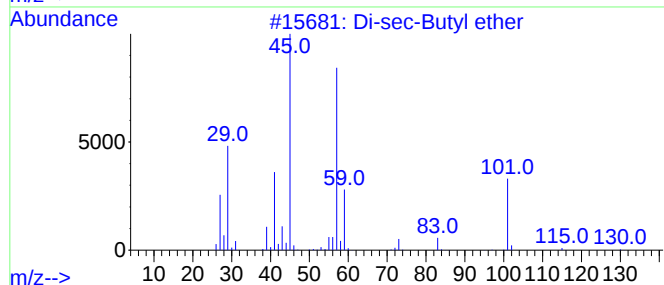
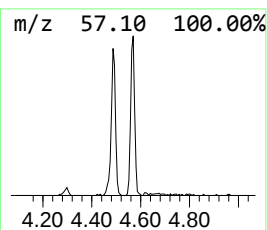
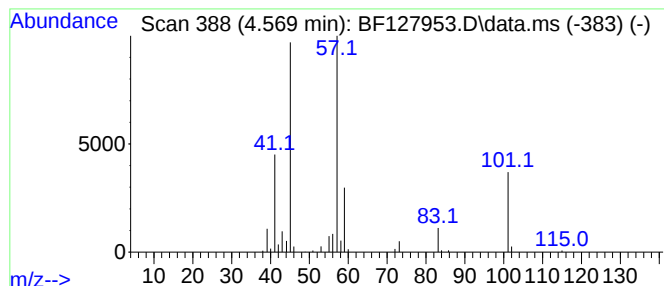
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Di-sec-Butyl ether Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.569 | 3.24 ng | 107697 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Di-sec-Butyl ether                  | 130 | C8H18O   | 006863-58-7 | 90   |
| 2    |    |   | Butane, 1-(1-methylpropoxy)-        | 130 | C8H18O   | 000999-65-5 | 80   |
| 3    |    |   | Diethyl carbitol                    | 162 | C8H18O3  | 000112-36-7 | 50   |
| 4    |    |   | Boronic acid, ethyl-, diethyl ester | 130 | C6H15B02 | 053907-92-9 | 40   |
| 5    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2  | 004439-24-1 | 40   |



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Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

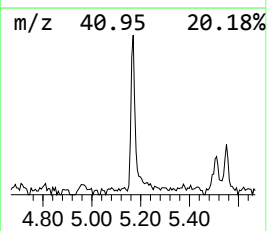
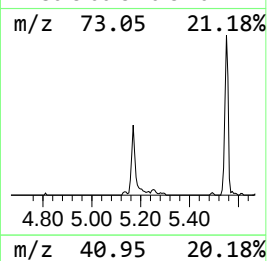
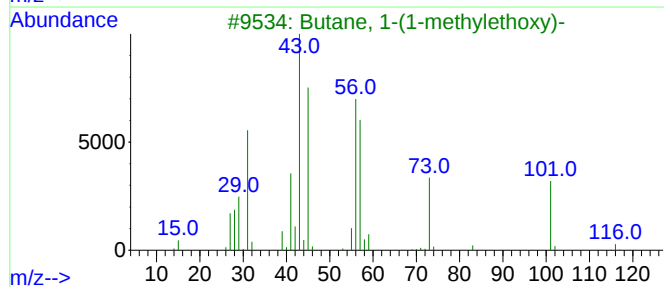
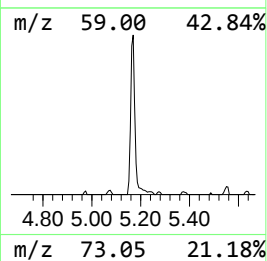
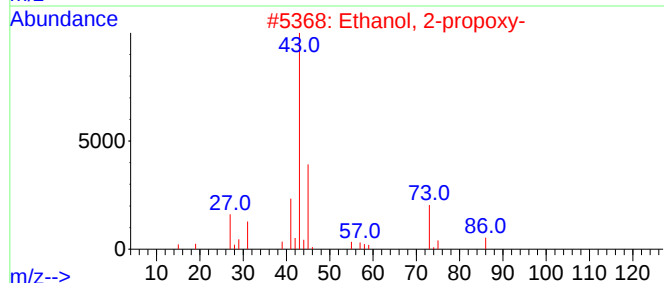
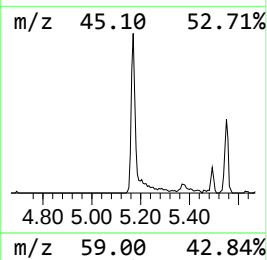
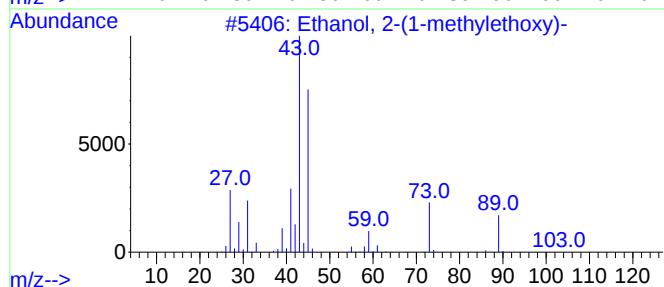
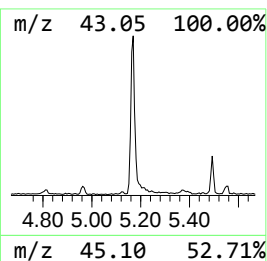
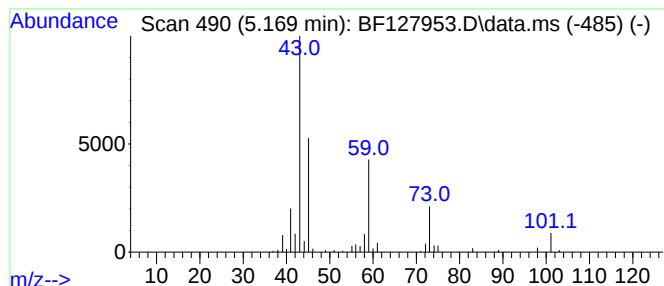
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 unknown5.169 Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.169 | 3.94 ng | 130988 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(1-methylethoxy)-        | 104 | C5H12O2 | 000109-59-1 | 43   |
| 2    |    |   | Ethanol, 2-propoxy-                 | 104 | C5H12O2 | 002807-30-9 | 38   |
| 3    |    |   | Butane, 1-(1-methylethoxy)-         | 116 | C7H16O  | 001860-27-1 | 38   |
| 4    |    |   | Butanoic acid, 4-methoxy-, methy... | 132 | C6H12O3 | 029006-01-7 | 38   |
| 5    |    |   | 2,3-Epoxybutane                     | 72  | C4H8O   | 003266-23-7 | 35   |



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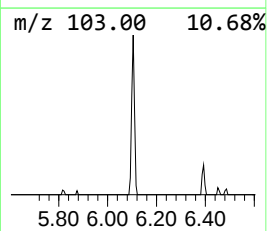
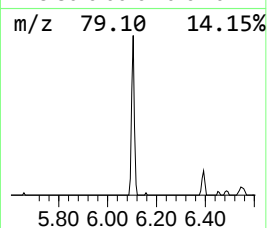
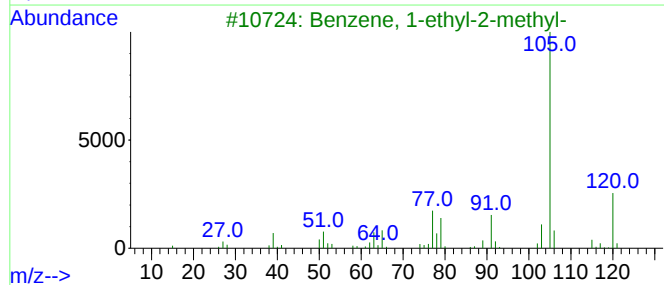
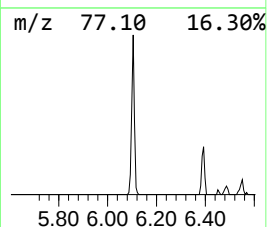
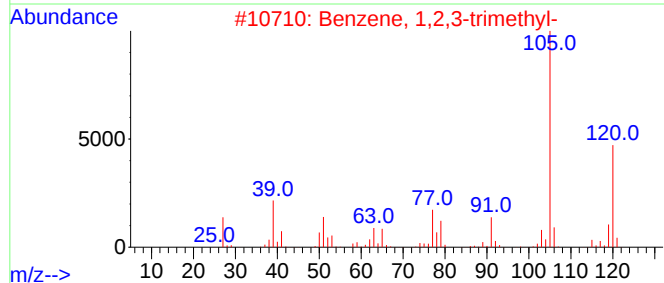
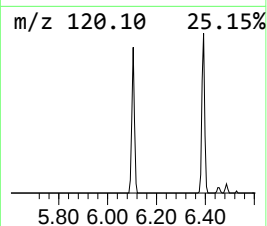
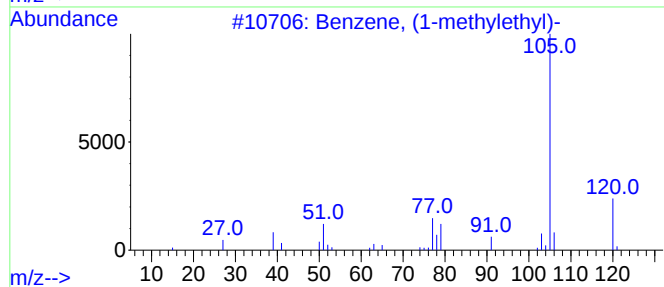
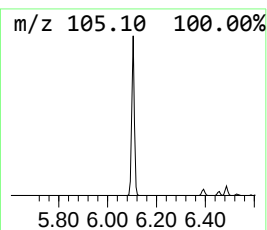
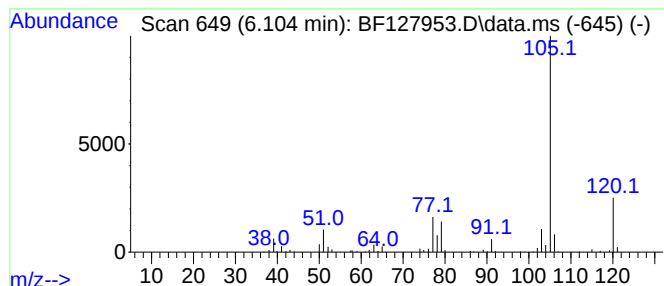
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.104 | 4.13 ng | 137331 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (1-methylethyl)-  | 120 | C9H12   | 000098-82-8 | 95   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 3    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 83   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 80   |
| 5    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 80   |



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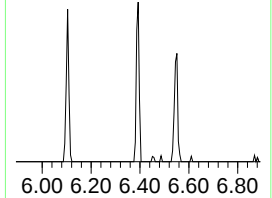
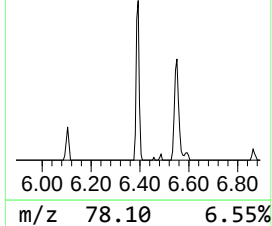
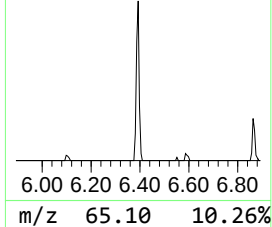
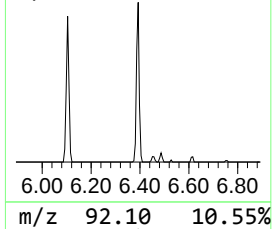
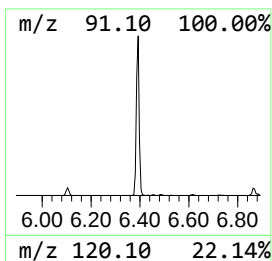
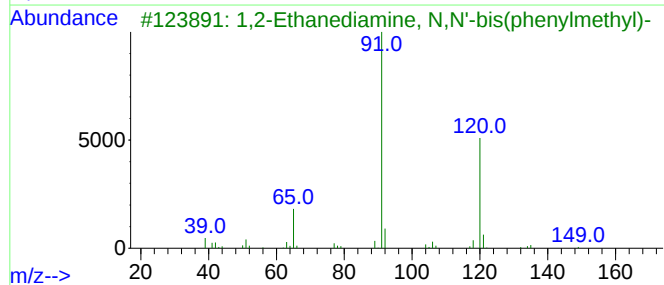
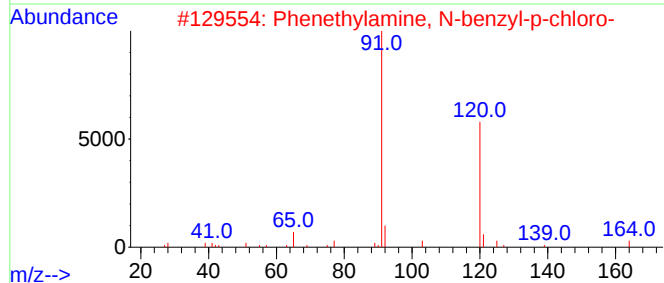
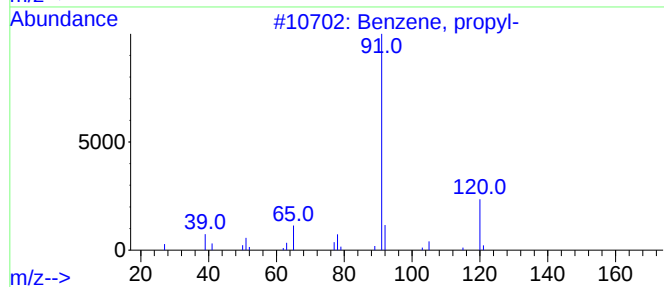
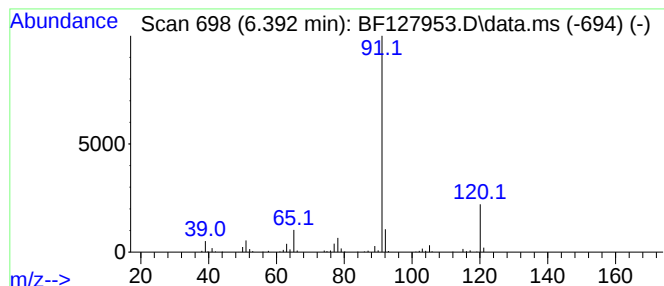
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Benzene, propyl- Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.392 | 4.26 ng | 141603 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Benzene, propyl-                    | 120 | C9H12      | 000103-65-1 | 94   |
| 2    |    |   | Phenethylamine, N-benzyl-p-chloro-  | 245 | C15H16ClN  | 013622-43-0 | 72   |
| 3    |    |   | 1,2-Ethanediamine, N,N'-bis(phen... | 240 | C16H20N2   | 000140-28-3 | 72   |
| 4    |    |   | N-Isobutyl(phenyl)methanesulfona... | 227 | C11H17NO2S | 144615-94-1 | 64   |
| 5    |    |   | N-Benzyl-2-phenethylamine           | 211 | C15H17N    | 003647-71-0 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

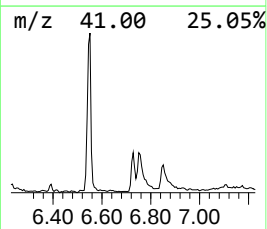
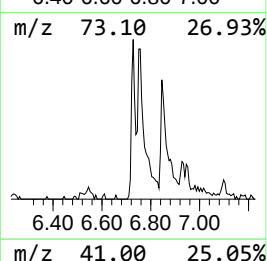
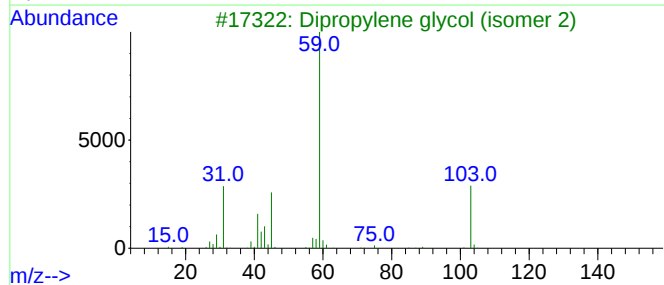
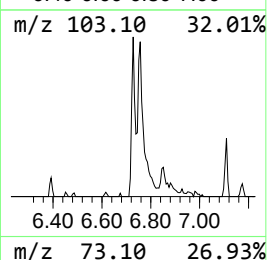
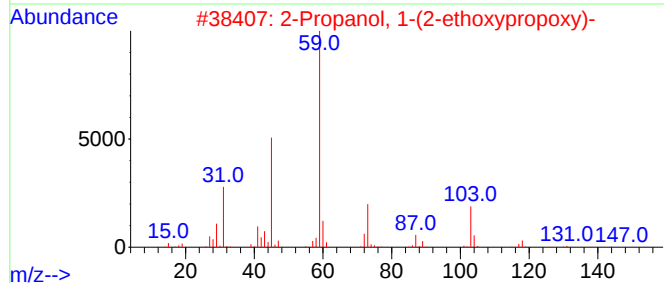
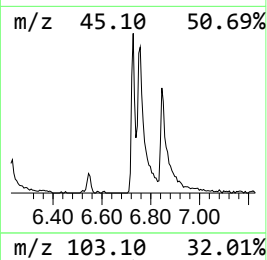
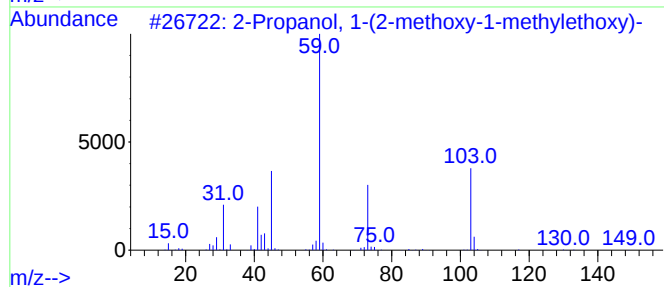
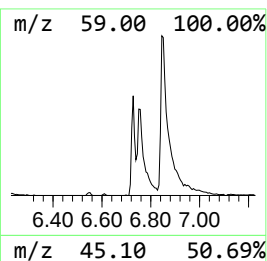
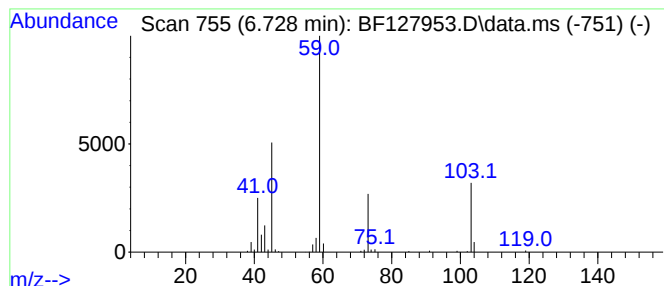
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.728 | 3.23 ng | 107192 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | 2-Propanol, 1-(2-methoxy-1-methy... | 148 | C7H16O3 | 020324-32-7  | 80   |
| 2    |      | 2-Propanol, 1-(2-ethoxypropoxy)-    | 162 | C8H18O3 | 010143-32-5  | 72   |
| 3    |      | Dipropylene glycol (isomer 2)       | 134 | C6H14O3 | 1000506-25-4 | 50   |
| 4    |      | 1-Propanol, 2-(2-hydroxypropoxy)-   | 134 | C6H14O3 | 000106-62-7  | 50   |
| 5    |      | Ethane, 1-ethoxy-1-methoxy-         | 104 | C5H12O2 | 010471-14-4  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

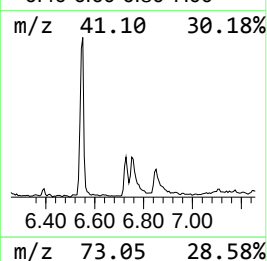
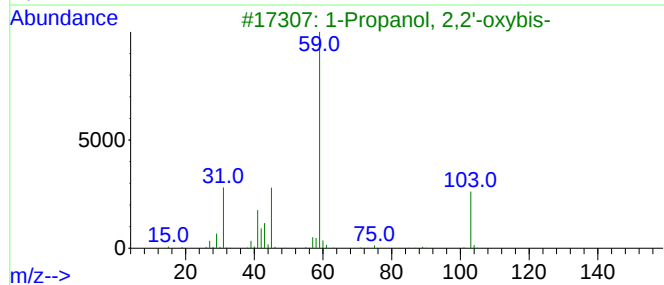
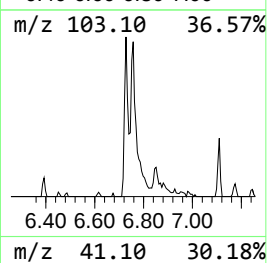
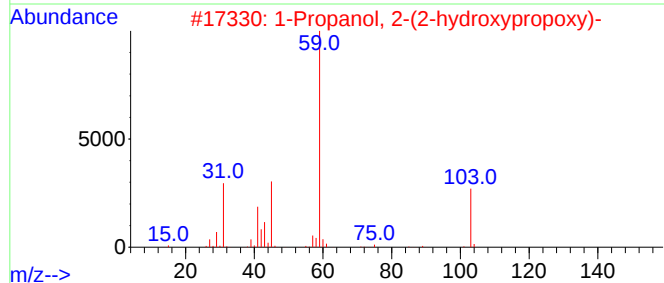
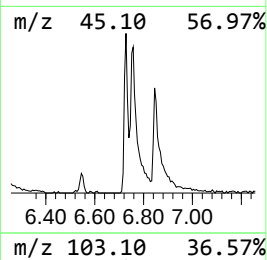
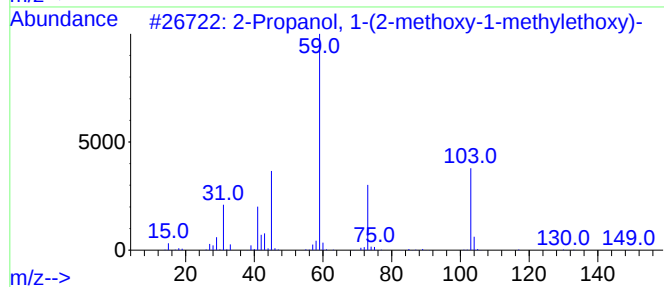
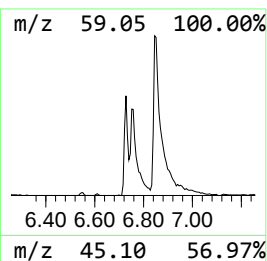
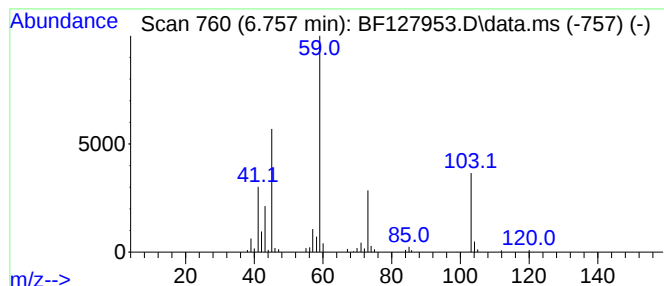
Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.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 7 1-Propanol, 2-(2-hydroxypro... Concentration Rank 5

| R.T.  | EstConc     | Area                    | Relative to ISTD       |         |             | R.T.  |
|-------|-------------|-------------------------|------------------------|---------|-------------|-------|
| 6.757 | 5.30 ng     | 176199                  | 1,4-Dichlorobenzene-d4 |         |             | 6.934 |
| Hit#  | of 5        | Tentative ID            | MW                     | MolForm | CAS#        | Qual  |
| 1     | 2-Propanol, | 1-(2-methoxy-1-methy... | 148                    | C7H16O3 | 020324-32-7 | 64    |
| 2     | 1-Propanol, | 2-(2-hydroxypropoxy)-   | 134                    | C6H14O3 | 000106-62-7 | 59    |
| 3     | 1-Propanol, | 2,2'-oxybis-            | 134                    | C6H14O3 | 000108-61-2 | 59    |
| 4     | 1-Propanol, | 2-(2-methoxy-1-methy... | 148                    | C7H16O3 | 055956-21-3 | 50    |
| 5     | 1-Propanol, | 3,3'-oxybis-            | 134                    | C6H14O3 | 002396-61-4 | 45    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

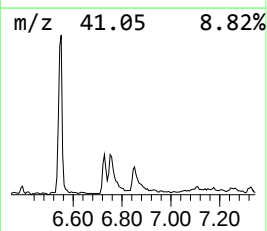
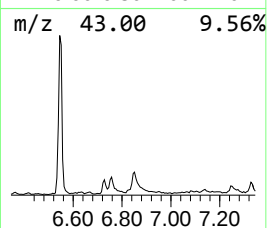
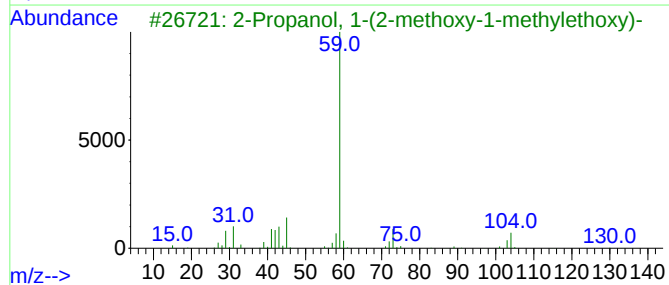
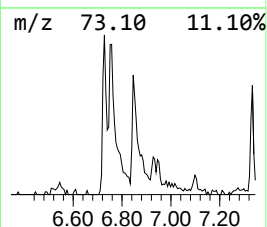
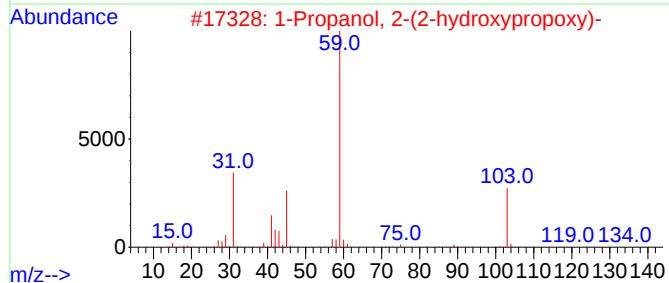
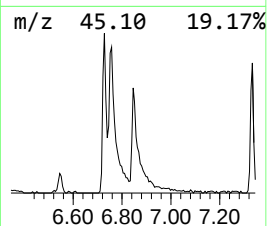
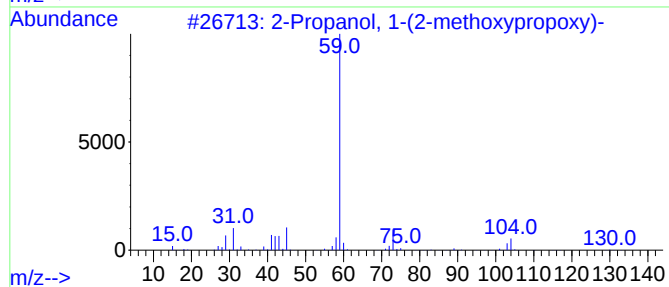
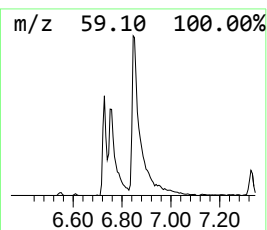
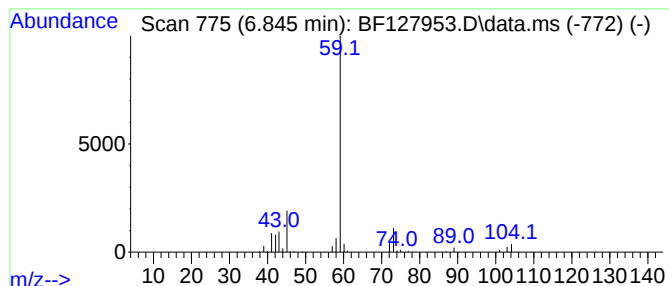
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.845 | 7.12 ng | 236605 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | 2-Propanol, 1-(2-methoxypropoxy)-   | 148 | C7H16O3 | 013429-07-7  | 72   |
| 2    |      | 1-Propanol, 2-(2-hydroxypropoxy)-   | 134 | C6H14O3 | 000106-62-7  | 64   |
| 3    |      | 2-Propanol, 1-(2-methoxy-1-methy... | 148 | C7H16O3 | 020324-32-7  | 64   |
| 4    |      | Dipropylene glycol (isomer 3)       | 134 | C6H14O3 | 1000506-25-5 | 64   |
| 5    |      | Dipropylene glycol (isomer 2)       | 134 | C6H14O3 | 1000506-25-4 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

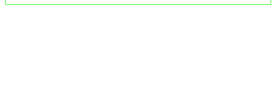
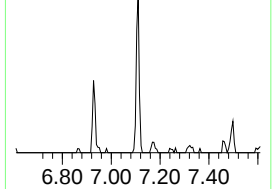
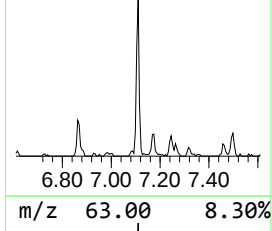
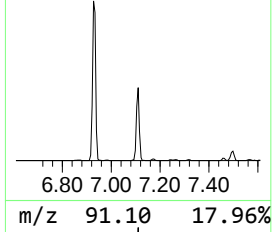
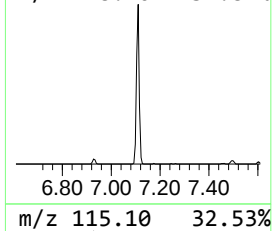
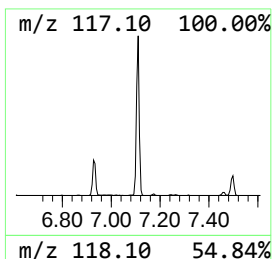
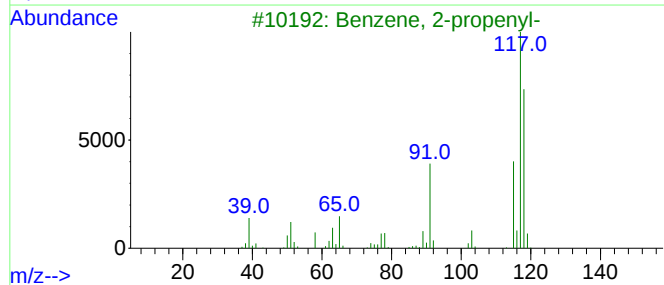
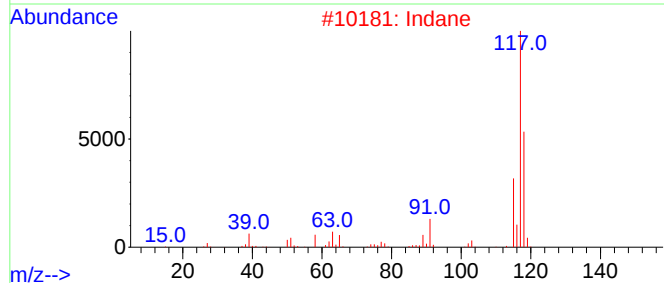
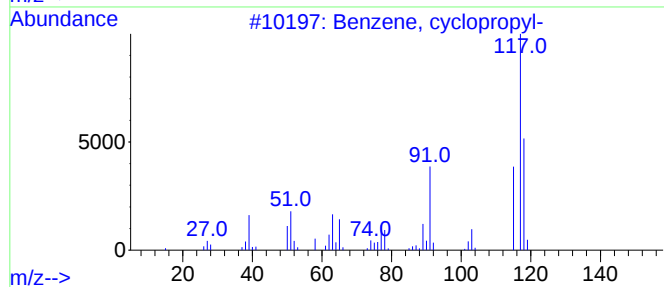
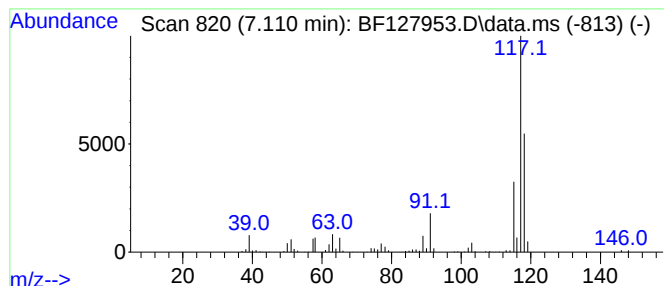
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Benzene, cyclopropyl- Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.110 | 8.64 ng | 287291 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Benzene, cyclopropyl-  | 118 | C9H10   | 000873-49-4 | 94   |
| 2    |      | Indane                 | 118 | C9H10   | 000496-11-7 | 91   |
| 3    |      | Benzene, 2-propenyl-   | 118 | C9H10   | 000300-57-2 | 81   |
| 4    |      | Δtacyclene             | 118 | C9H10   | 007785-10-6 | 64   |
| 5    |      | trans-Cinnamyl bromide | 196 | C9H9Br  | 026146-77-0 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

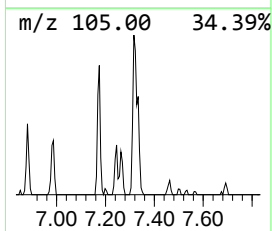
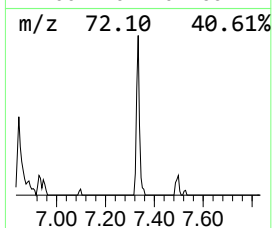
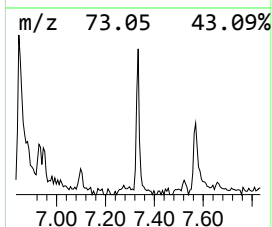
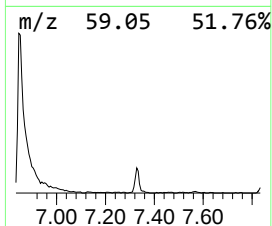
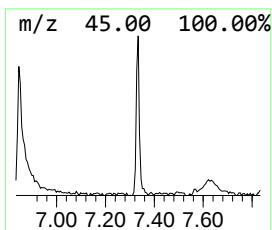
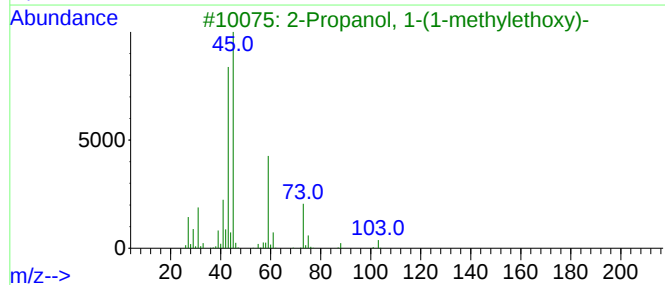
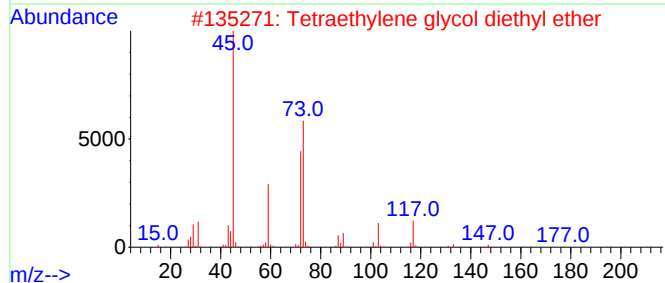
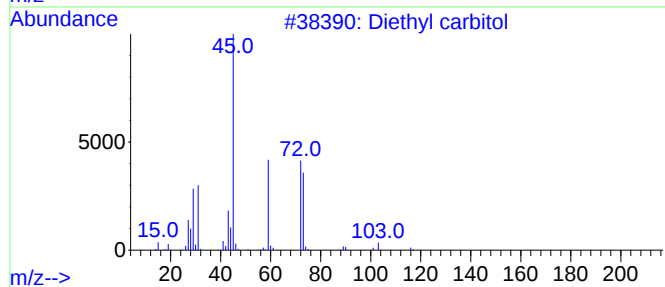
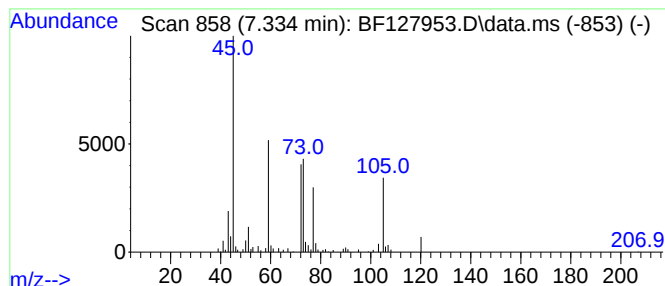
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Diethyl carbitol Concentration Rank 11

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 7.334 | 2.93 ng | 97448 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Diethyl carbitol                    | 162 | C8H18O3  | 000112-36-7  | 53   |
| 2    |    |   | Tetraethylene glycol diethyl ether  | 250 | C12H26O5 | 004353-28-0  | 50   |
| 3    |    |   | 2-Propanol, 1-(1-methylethoxy)-     | 118 | C6H14O2  | 003944-36-3  | 47   |
| 4    |    |   | Ethyl 2-(2-(2-ethoxyethoxy)ethox... | 220 | C10H20O5 | 1000366-77-8 | 42   |
| 5    |    |   | Ethanol, 2-(2-ethoxyethoxy)-        | 134 | C6H14O3  | 000111-90-0  | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

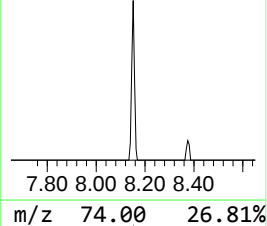
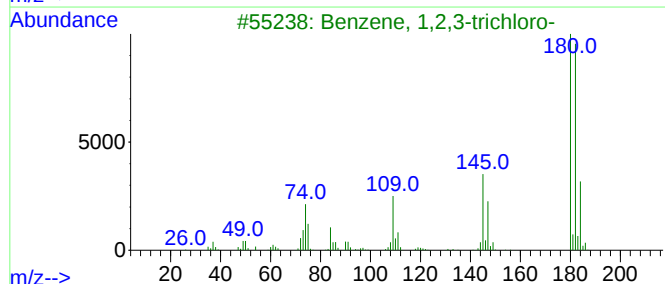
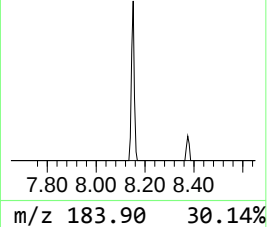
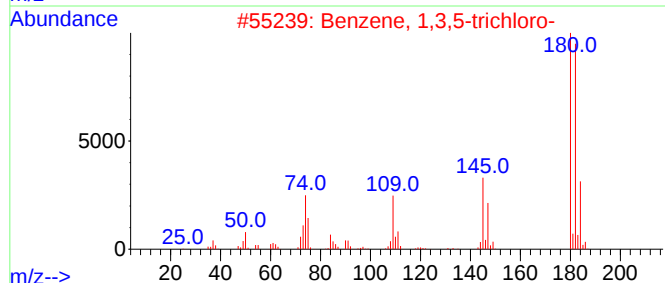
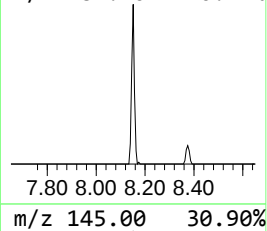
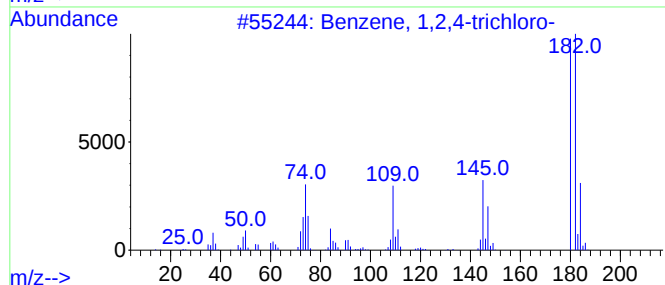
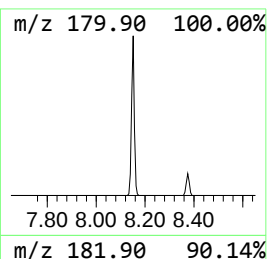
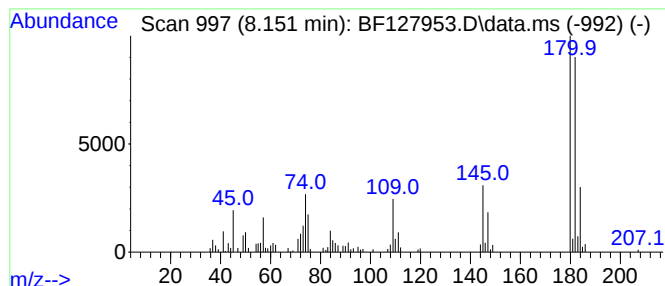
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Benzene, 1,2,4-trichloro- Concentration Rank 13

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 8.151 | 2.48 ng | 97406 | Naphthalene-d8   | 8.210 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzene, 1,2,4-trichloro-           | 180 | C6H3Cl3    | 000120-82-1  | 98   |
| 2    |    |   | Benzene, 1,3,5-trichloro-           | 180 | C6H3Cl3    | 000108-70-3  | 98   |
| 3    |    |   | Benzene, 1,2,3-trichloro-           | 180 | C6H3Cl3    | 000087-61-6  | 96   |
| 4    |    |   | 4-Bromo-4-chloropyrazole            | 180 | C3H2BrClN2 | 1000435-93-9 | 53   |
| 5    |    |   | 2,2-Dichloro-6-methyl-1-oxa-2-si... | 180 | C5H6Cl2OSi | 067608-54-2  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

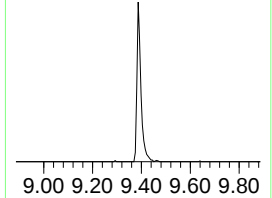
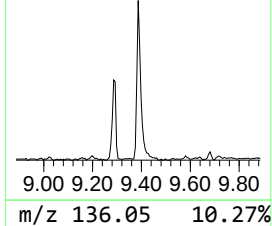
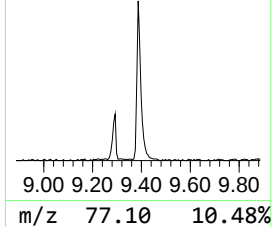
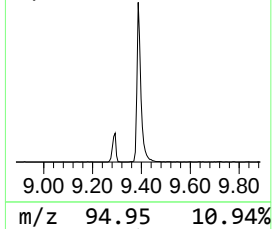
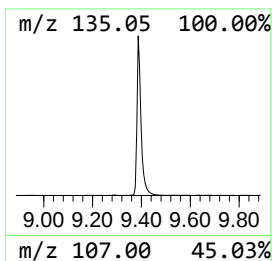
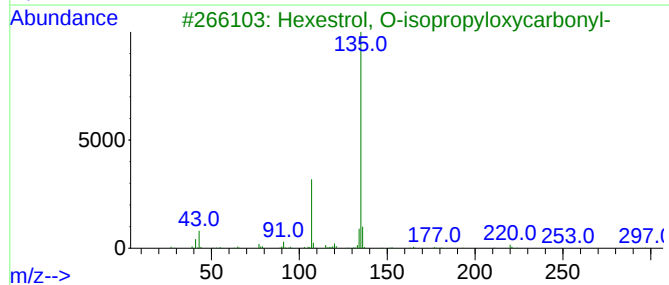
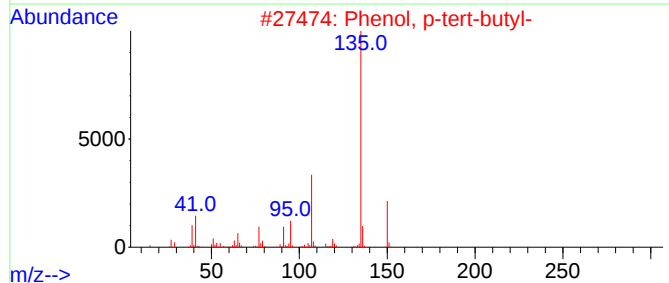
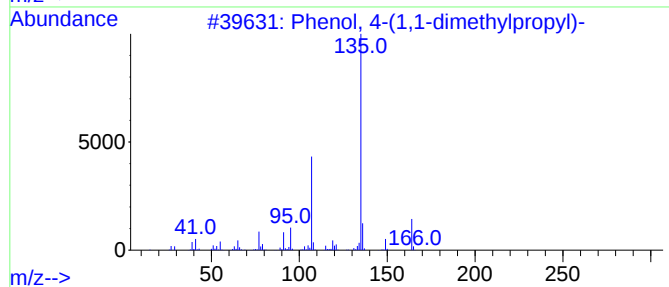
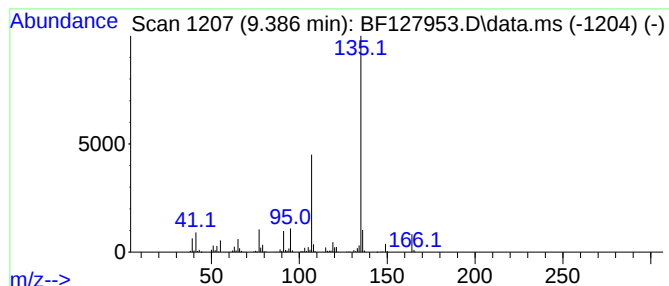
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Peak Number 12 Phenol, 4-(1,1-dimethylprop... Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.386 | 24.59 ng | 1041790 | Acenaphthene-d10 | 9.969 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Phenol, 4-(1,1-dimethylpropyl)-     | 164 | C11H16O  | 000080-46-6  | 95   |
| 2    |      | Phenol, p-tert-butyl-               | 150 | C10H14O  | 000098-54-4  | 90   |
| 3    |      | Hexestrol, O-isopropylloxycarbonyl- | 356 | C22H28O4 | 1000487-68-4 | 64   |
| 4    |      | 4,4'-(1,2-diethylethylene)diphenol  | 270 | C18H22O2 | 005635-50-7  | 64   |
| 5    |      | Phenol, m-tert-butyl-               | 150 | C10H14O  | 000585-34-2  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

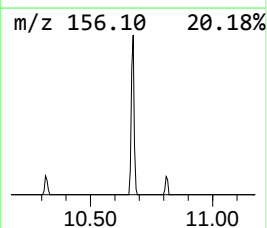
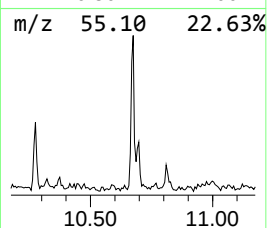
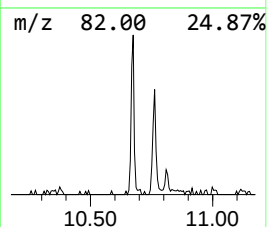
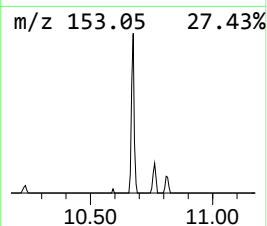
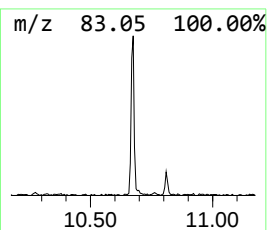
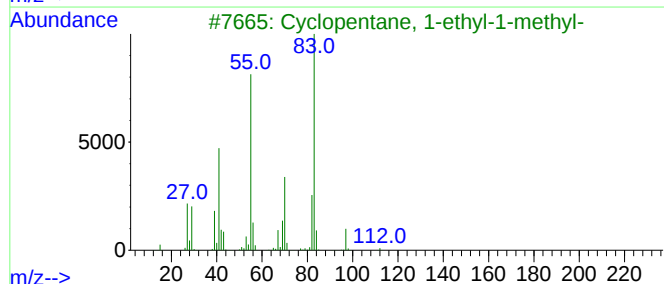
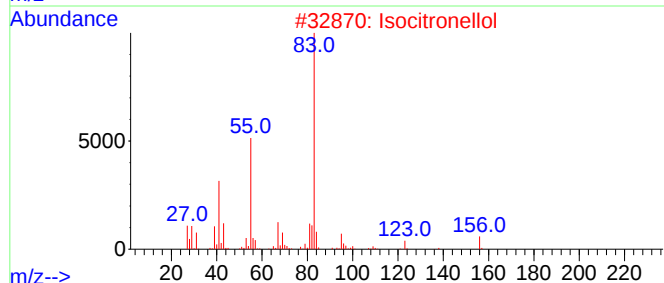
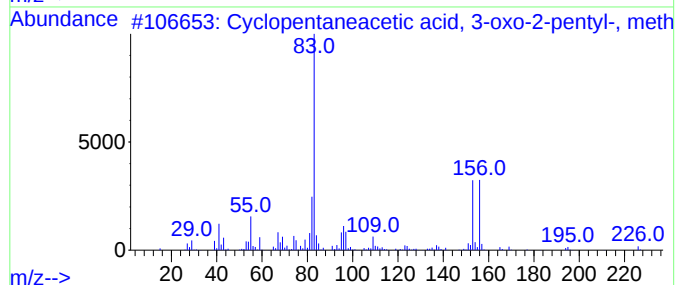
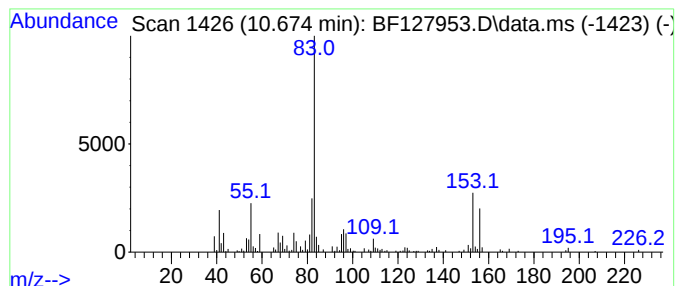
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Cyclopentaneacetic acid, 3-... Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.675 | 2.92 ng | 123891 | Acenaphthene-d10 | 9.969 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclopentaneacetic acid, 3-oxo-2... | 226 | C13H22O3 | 024851-98-7  | 97   |
| 2    |    |   | Isocitronellol                      | 156 | C10H20O  | 018479-52-2  | 53   |
| 3    |    |   | Cyclopentane, 1-ethyl-1-methyl-     | 112 | C8H16    | 016747-50-5  | 50   |
| 4    |    |   | Heptadienyl tiglate, 2E, 4E-        | 194 | C12H18O2 | 1000383-64-7 | 43   |
| 5    |    |   | Cyclohexane, (2-nitro-2-propenyl)-  | 169 | C9H15NO2 | 080255-17-0  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

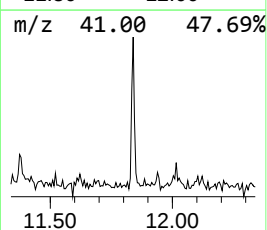
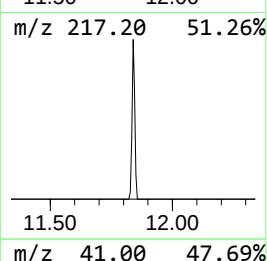
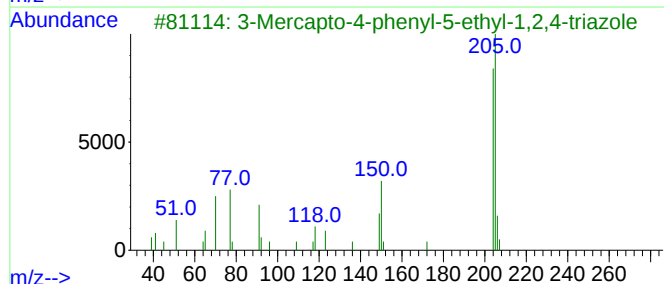
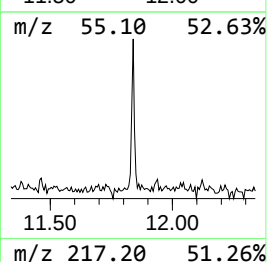
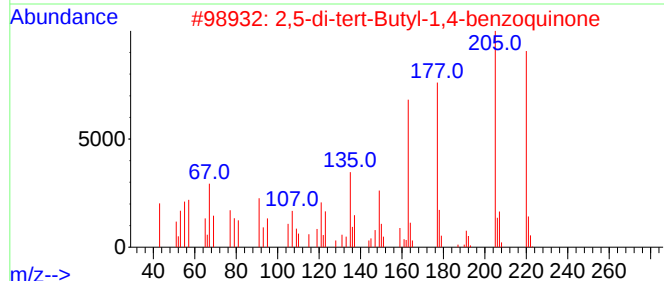
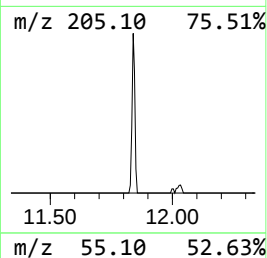
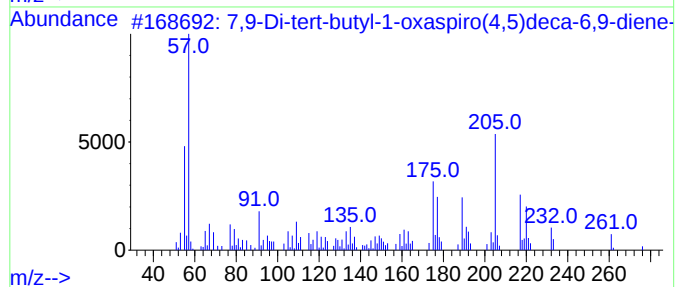
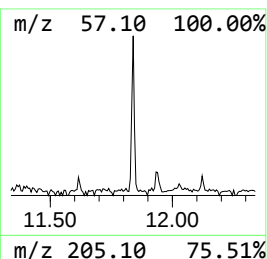
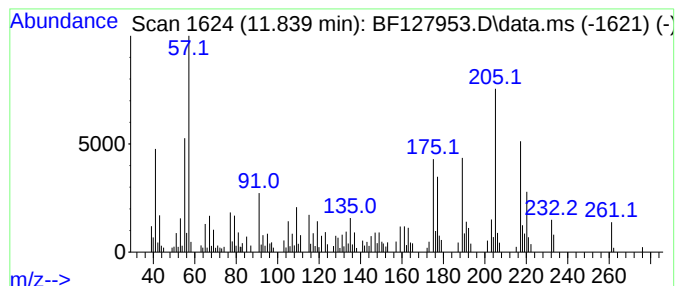
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 14

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 11.839    | 2.18 ng                             | 76947 | Phenanthrene-d10 | 11.463      |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276   | C17H24O3         | 082304-66-3 | 99   |
| 2         | 2,5-di-tert-Butyl-1,4-benzoquinone  | 220   | C14H20O2         | 002460-77-7 | 53   |
| 3         | 3-Mercapto-4-phenyl-5-ethyl-1,2,... | 205   | C10H11N3S        | 029448-76-8 | 44   |
| 4         | 2,5-Cyclohexadien-1-one, 2,6-bis... | 232   | C16H24O          | 006738-27-8 | 42   |
| 5         | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220   | C14H20O2         | 071596-88-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127953.D  
Acq On : 27 Apr 2022 18:59  
Operator : CG\JU  
Sample : N2482-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SPN-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.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 |
| Cyclopentanone     | 4.469  | 12.3    | ng    | 409572   | 1                     | 6.934  | 664682 | 20.0 |
| Di-sec-Butyl ether | 4.569  | 3.2     | ng    | 107697   | 1                     | 6.934  | 664682 | 20.0 |
| unknown5.169       | 5.169  | 3.9     | ng    | 130988   | 1                     | 6.934  | 664682 | 20.0 |
| Benzene, (1-met... | 6.104  | 4.1     | ng    | 137331   | 1                     | 6.934  | 664682 | 20.0 |
| Benzene, propyl-   | 6.392  | 4.3     | ng    | 141603   | 1                     | 6.934  | 664682 | 20.0 |
| 2-Propanol, 1-(... | 6.728  | 3.2     | ng    | 107192   | 1                     | 6.934  | 664682 | 20.0 |
| 1-Propanol, 2-(... | 6.757  | 5.3     | ng    | 176199   | 1                     | 6.934  | 664682 | 20.0 |
| 2-Propanol, 1-(... | 6.845  | 7.1     | ng    | 236605   | 1                     | 6.934  | 664682 | 20.0 |
| Benzene, cyclop... | 7.110  | 8.6     | ng    | 287291   | 1                     | 6.934  | 664682 | 20.0 |
| Diethyl carbitol   | 7.334  | 2.9     | ng    | 97448    | 1                     | 6.934  | 664682 | 20.0 |
| Benzene, 1,2,4-... | 8.151  | 2.5     | ng    | 97406    | 2                     | 8.210  | 785407 | 20.0 |
| Phenol, 4-(1,1-... | 9.386  | 24.6    | ng    | 1041790  | 3                     | 9.969  | 847347 | 20.0 |
| Cyclopentaneace... | 10.675 | 2.9     | ng    | 123891   | 3                     | 9.969  | 847347 | 20.0 |
| 7,9-Di-tert-but... | 11.839 | 2.2     | ng    | 76947    | 4                     | 11.463 | 705832 | 20.0 |