

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
 Data File : BF138503.D  
 Acq On : 10 Jul 2024 16:08  
 Operator : CG\JU  
 Sample : P3189-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 240703078-01

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-BF070924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138503.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         | 2.169       | 6             | 14          | 18           | rBV      | 4406510        | 5948287       | 100.00%         | 23.951%       |
| 2         | 2.981       | 145           | 152         | 160          | rVB      | 73995          | 121484        | 2.04%           | 0.489%        |
| 3         | 5.075       | 505           | 508         | 517          | rVB      | 149064         | 157363        | 2.65%           | 0.634%        |
| 4         | 5.487       | 575           | 578         | 589          | rVB      | 1049825        | 909274        | 15.29%          | 3.661%        |
| 5         | 6.493       | 746           | 749         | 758          | rVB      | 641969         | 639645        | 10.75%          | 2.576%        |
| 6         | 6.863       | 808           | 812         | 816          | rBV      | 672559         | 532844        | 8.96%           | 2.145%        |
| 7         | 7.428       | 896           | 908         | 911          | rBV      | 1707356        | 1626408       | 27.34%          | 6.549%        |
| 8         | 8.145       | 1026          | 1030        | 1033         | rBV      | 859362         | 722231        | 12.14%          | 2.908%        |
| 9         | 8.457       | 1079          | 1083        | 1094         | rBV      | 103777         | 129399        | 2.18%           | 0.521%        |
| 10        | 9.222       | 1207          | 1213        | 1216         | rBV      | 3218822        | 2784660       | 46.81%          | 11.212%       |
| 11        | 9.898       | 1324          | 1328        | 1331         | rBV      | 937768         | 743411        | 12.50%          | 2.993%        |
| 12        | 10.581      | 1439          | 1444        | 1447         | rVV      | 3507806        | 3293147       | 55.36%          | 13.260%       |
| 13        | 10.686      | 1458          | 1462        | 1465         | rBV      | 1313659        | 1096356       | 18.43%          | 4.414%        |
| 14        | 10.769      | 1471          | 1476        | 1479         | rBV2     | 65548          | 65816         | 1.11%           | 0.265%        |
| 15        | 11.380      | 1577          | 1580        | 1584         | rVB      | 726162         | 633251        | 10.65%          | 2.550%        |
| 16        | 11.539      | 1604          | 1607        | 1613         | rBV2     | 46492          | 71013         | 1.19%           | 0.286%        |
| 17        | 11.763      | 1642          | 1645        | 1650         | rVB2     | 67270          | 65195         | 1.10%           | 0.263%        |
| 18        | 11.904      | 1666          | 1669        | 1685         | rBV2     | 301013         | 395725        | 6.65%           | 1.593%        |
| 19        | 12.692      | 1799          | 1803        | 1807         | rBV      | 105791         | 121836        | 2.05%           | 0.491%        |
| 20        | 12.969      | 1845          | 1850        | 1853         | rBV      | 2491591        | 2100306       | 35.31%          | 8.457%        |
| 21        | 13.522      | 1941          | 1944        | 1948         | rBV      | 537461         | 461303        | 7.76%           | 1.857%        |
| 22        | 13.863      | 1997          | 2002        | 2012         | rBV2     | 196318         | 263754        | 4.43%           | 1.062%        |
| 23        | 14.016      | 2025          | 2028        | 2032         | rVB      | 482973         | 446874        | 7.51%           | 1.799%        |
| 24        | 14.645      | 2131          | 2135        | 2141         | rVB      | 752752         | 683905        | 11.50%          | 2.754%        |
| 25        | 15.486      | 2272          | 2278        | 2284         | rBV      | 376496         | 472179        | 7.94%           | 1.901%        |
| 26        | 16.015      | 2362          | 2368        | 2381         | rVB4     | 77288          | 287557        | 4.83%           | 1.158%        |
| 27        | 16.704      | 2480          | 2485        | 2493         | rVB5     | 31518          | 62436         | 1.05%           | 0.251%        |

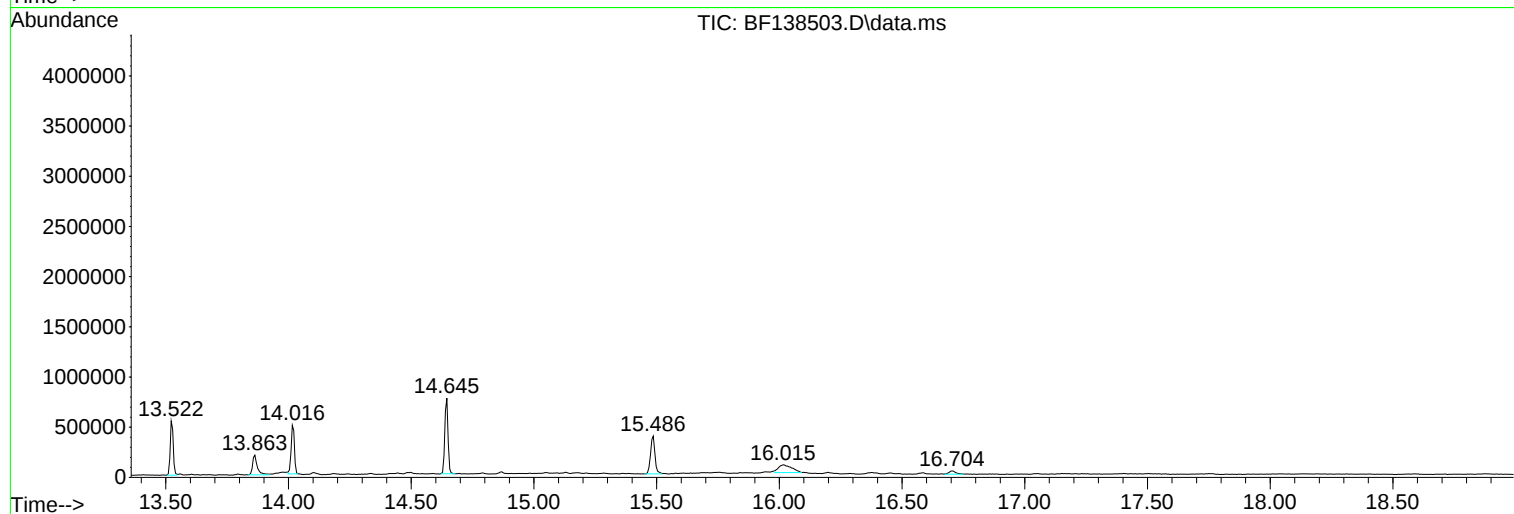
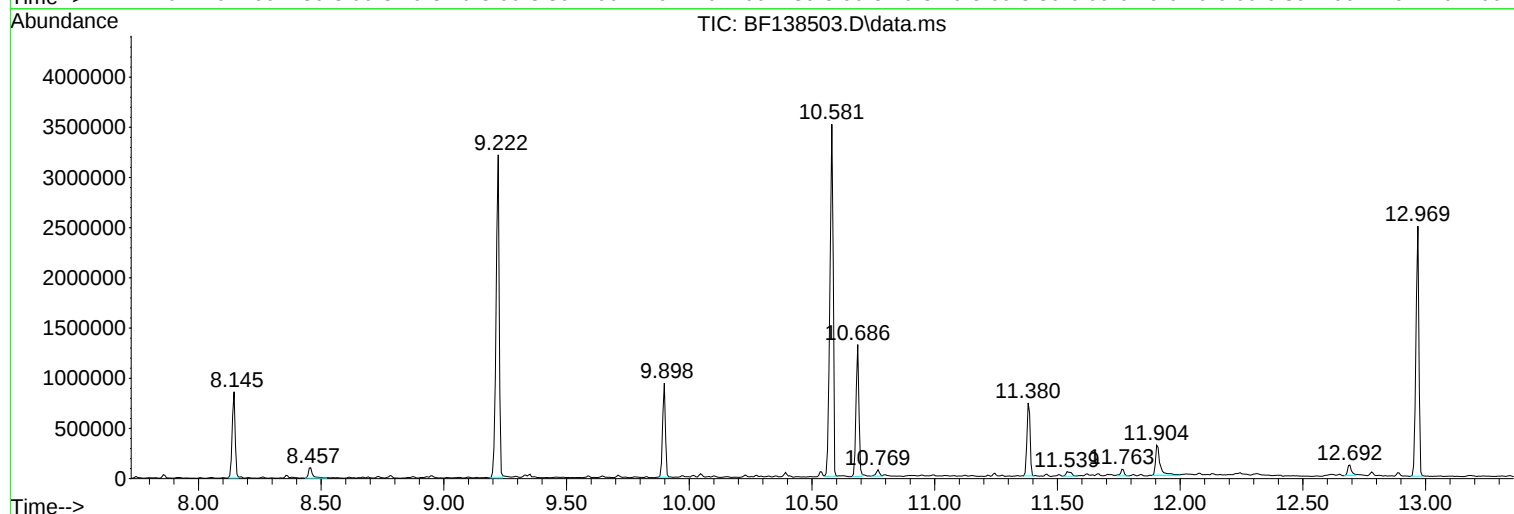
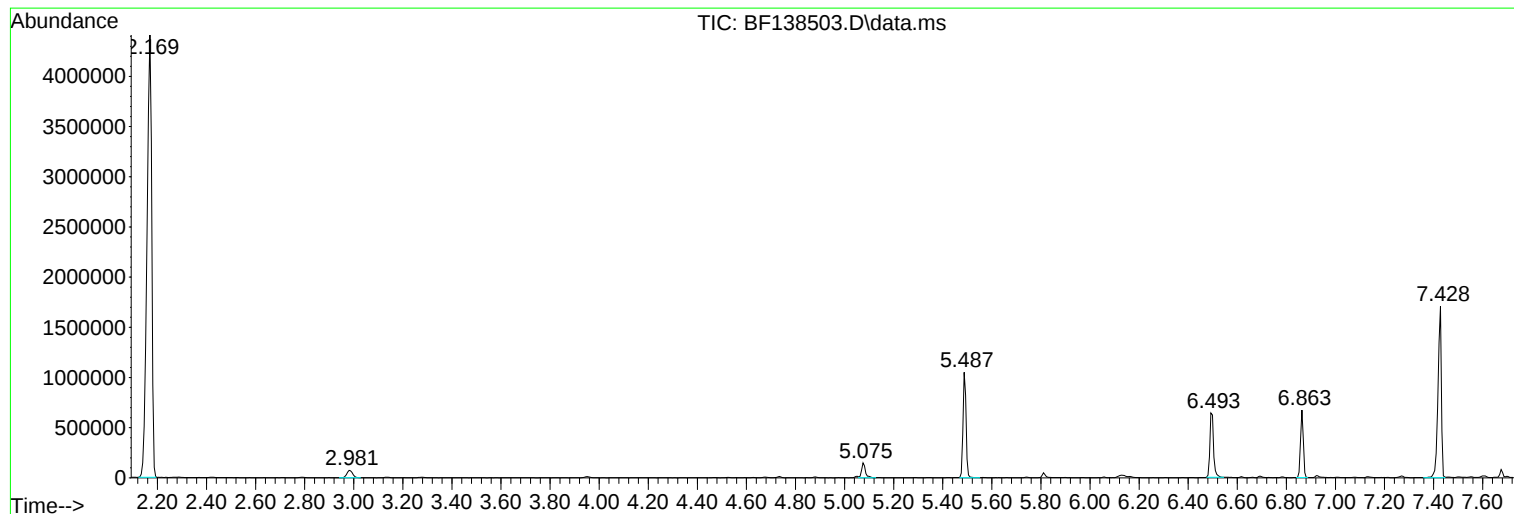
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BNA\_F  
ClientSampleId :  
240703078-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.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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BNA\_F  
ClientSampleId :  
240703078-01

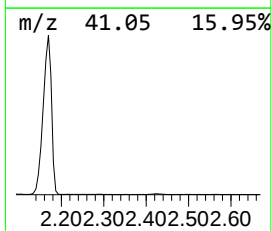
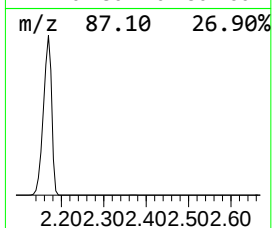
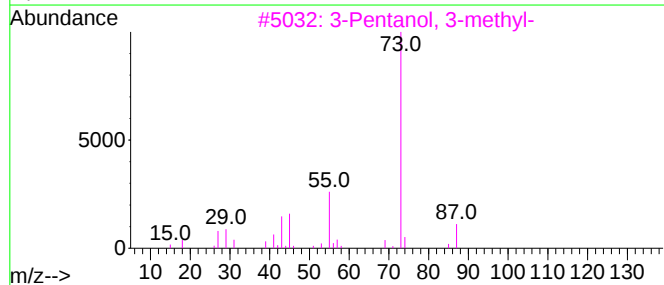
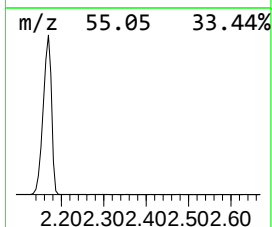
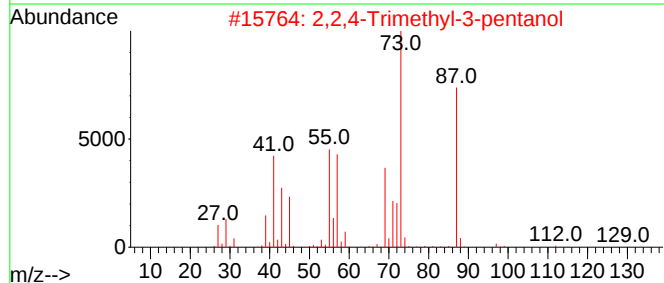
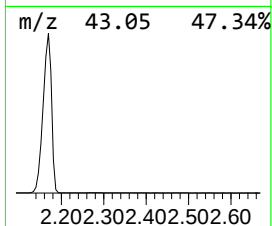
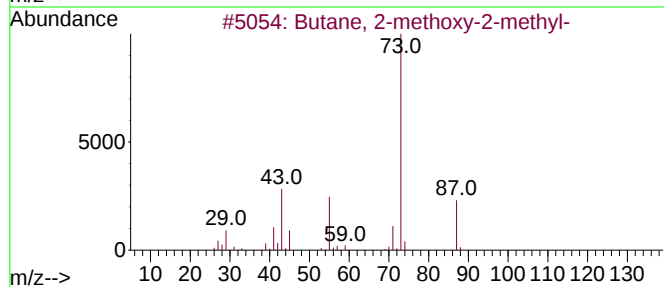
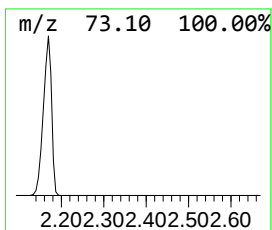
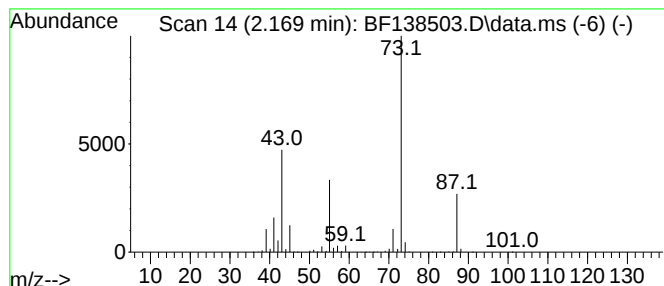
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 2.169 | 223.27 ng | 5948290 | 1,4-Dichlorobenzene-d4 | 6.863 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | 3-Pentanol, 3-methyl-       | 102 | C6H14O  | 000077-74-7 | 38   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

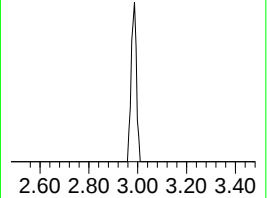
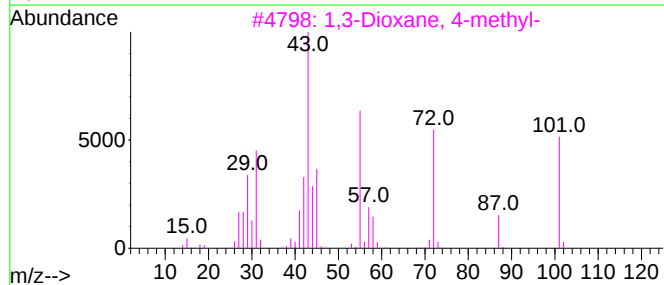
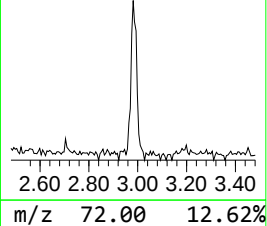
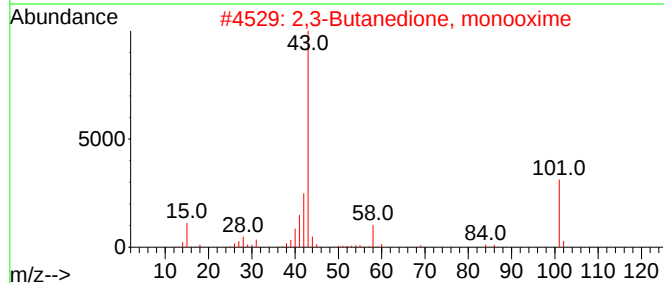
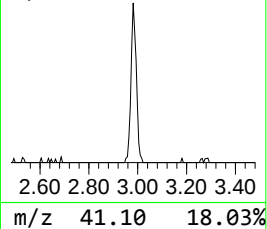
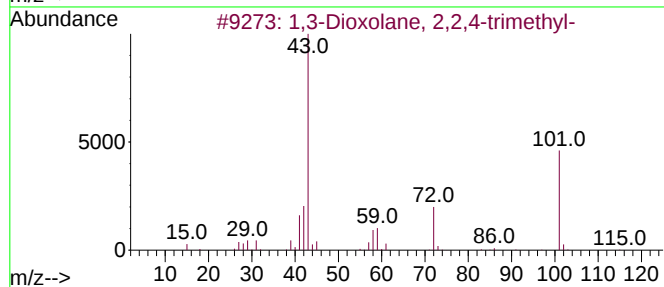
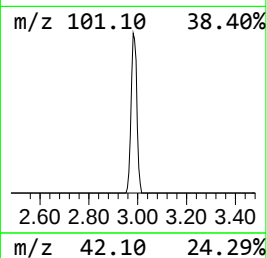
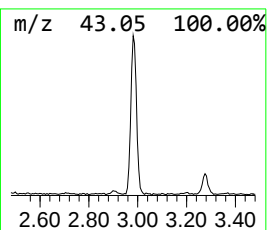
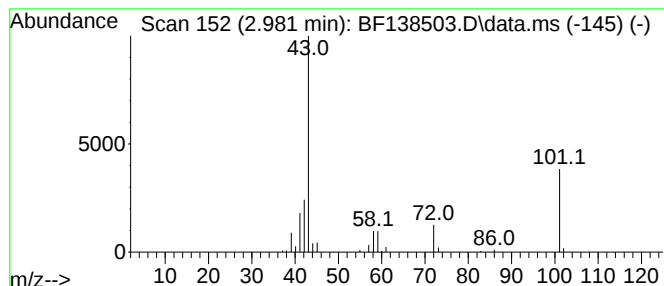
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 2.981 | 4.56 ng | 121484 | 1,4-Dichlorobenzene-d4 | 6.863 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1,3-Dioxolane, 2,2,4-trimethyl-     | 116 | C6H12O2 | 001193-11-9 | 64   |
| 2    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 59   |
| 3    |    |   | 1,3-Dioxane, 4-methyl-              | 102 | C5H10O2 | 001120-97-4 | 36   |
| 4    |    |   | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3 | 053951-43-2 | 33   |
| 5    |    |   | Isopropyl isothiocyanate            | 101 | C4H7NS  | 002253-73-8 | 9    |



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Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

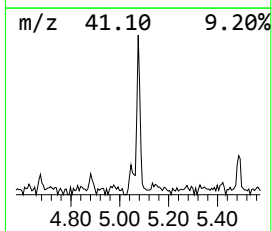
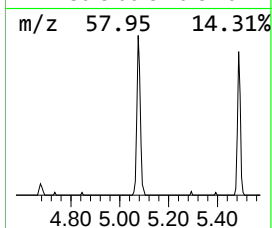
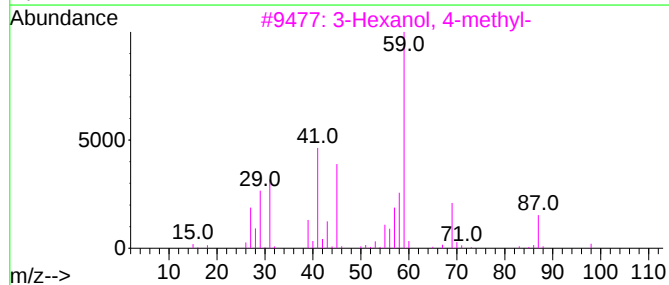
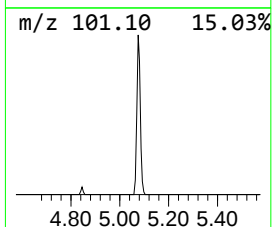
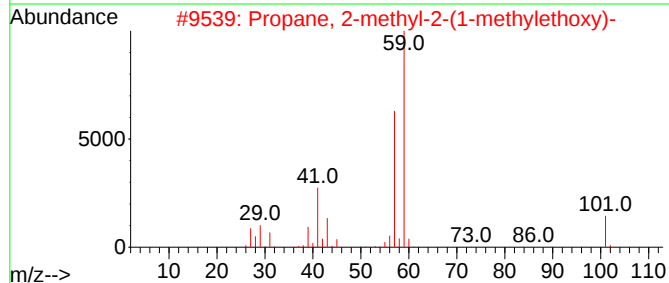
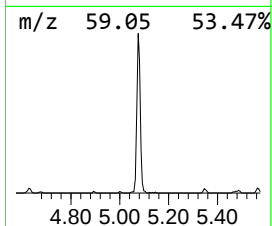
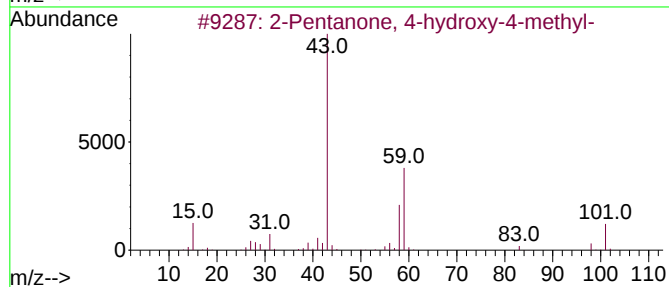
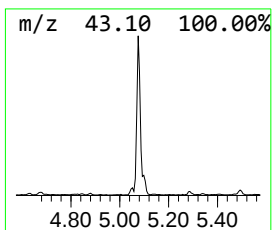
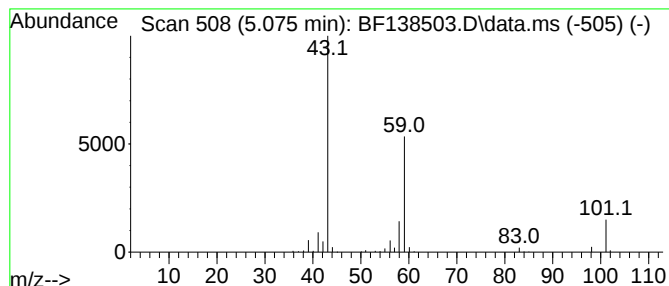
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.075 | 5.91 ng | 157363 | 1,4-Dichlorobenzene-d4 | 6.863 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 50      |      |      |
| 2    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O       | 017348-59-3 | 42      |      |      |
| 3    | 3-Hexanol, 4-methyl-                | 116 | C7H16O       | 000615-29-2 | 33      |      |      |
| 4    | 2-Hexanol, 2-methyl-                | 116 | C7H16O       | 000625-23-0 | 28      |      |      |
| 5    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

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

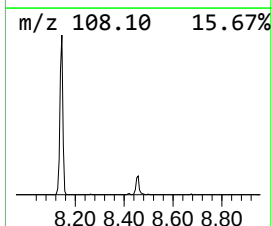
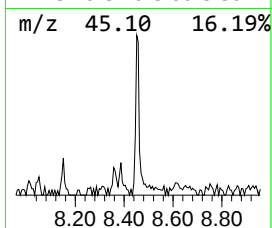
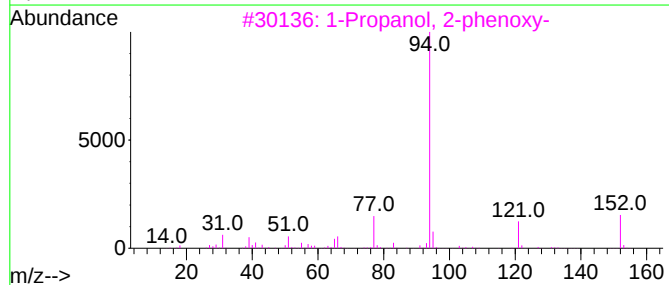
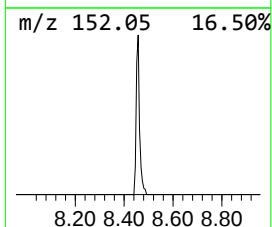
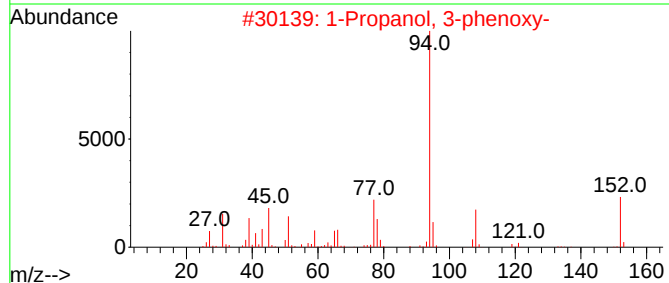
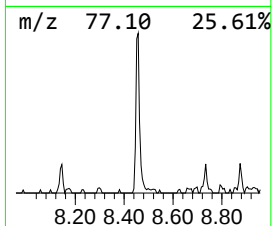
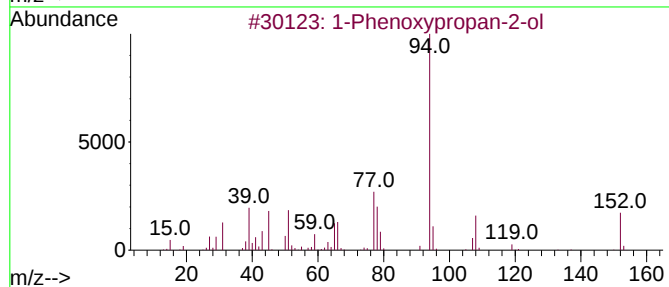
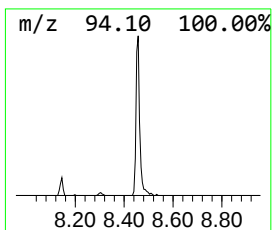
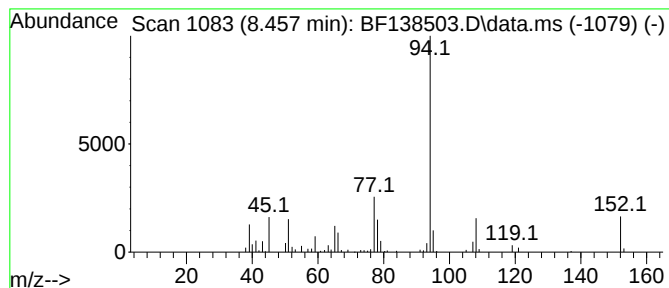
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Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.457 | 3.58 ng | 129399 | Naphthalene-d8   | 8.145 |

| Hit# | of 5                             | Tentative ID | MW      | MolForm     | CAS# | Qual |
|------|----------------------------------|--------------|---------|-------------|------|------|
| 1    | 1-Phenoxypropan-2-ol             | 152          | C9H12O2 | 000770-35-4 | 96   |      |
| 2    | 1-Propanol, 3-phenoxy-           | 152          | C9H12O2 | 006180-61-6 | 87   |      |
| 3    | 1-Propanol, 2-phenoxy-           | 152          | C9H12O2 | 004169-04-4 | 64   |      |
| 4    | Ethanol, 2-phenoxy-              | 138          | C8H10O2 | 000122-99-6 | 64   |      |
| 5    | 3-(.alpha.-Hydroxyethyl)-aniline | 137          | C8H11NO | 002454-37-7 | 59   |      |



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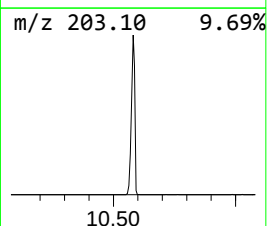
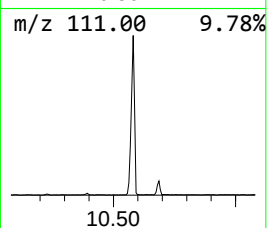
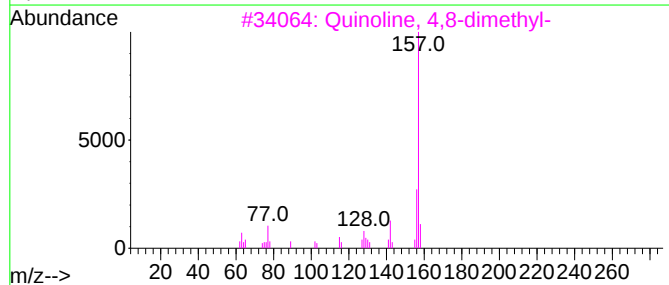
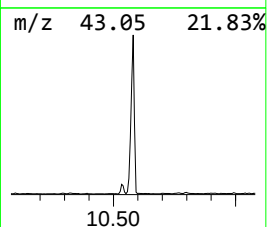
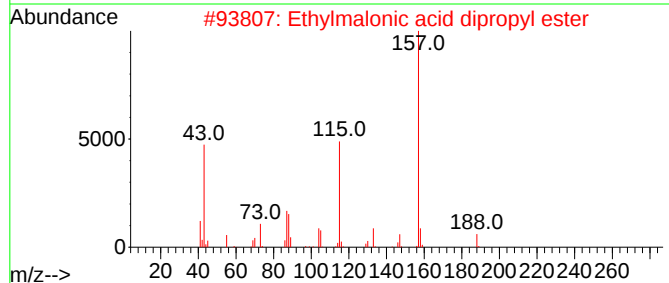
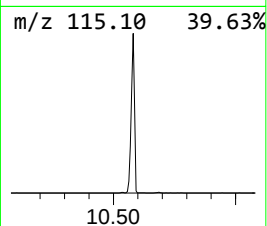
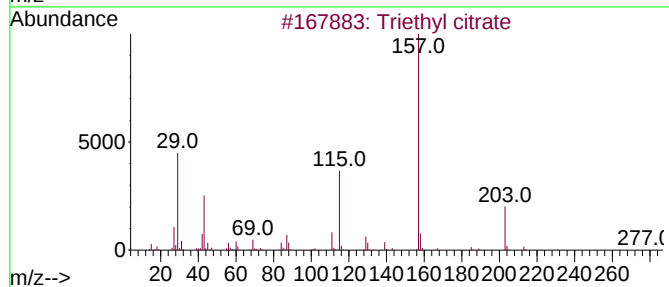
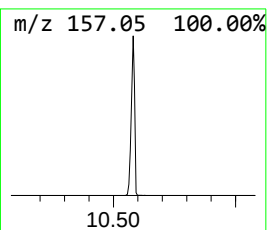
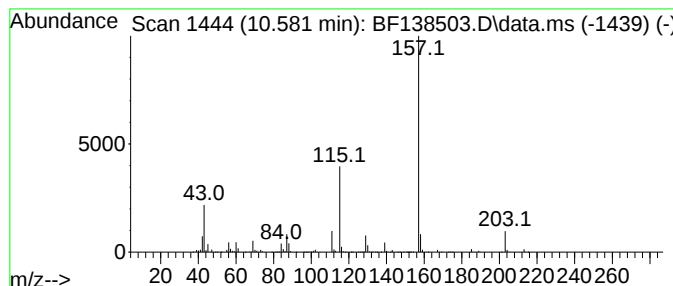
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Triethyl citrate Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.581 | 88.60 ng | 3293150 | Acenaphthene-d10 | 9.898 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Triethyl citrate                 | 276 | C12H20O7 | 000077-93-0 | 91   |
| 2    |    |   | Ethylmalonic acid dipropyl ester | 216 | C11H20O4 | 001113-91-3 | 59   |
| 3    |    |   | Quinoline, 4,8-dimethyl-         | 157 | C11H11N  | 013362-80-6 | 37   |
| 4    |    |   | 1-Amino-2-methylnaphthalene      | 157 | C11H11N  | 002246-44-8 | 37   |
| 5    |    |   | 4-Fluoro-2-nitrophenol           | 157 | C6H4FN03 | 000394-33-2 | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

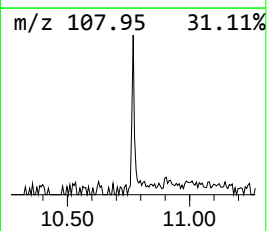
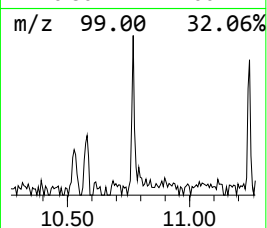
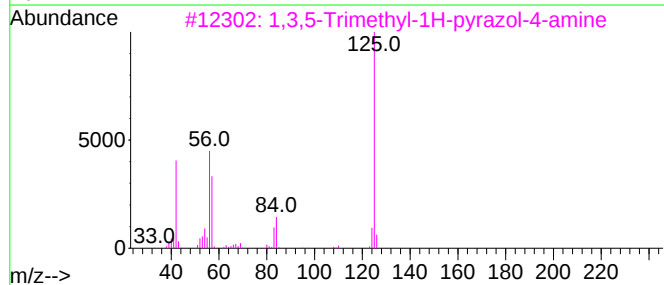
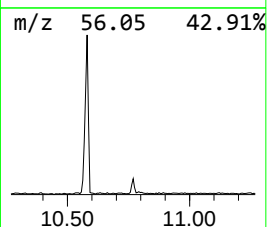
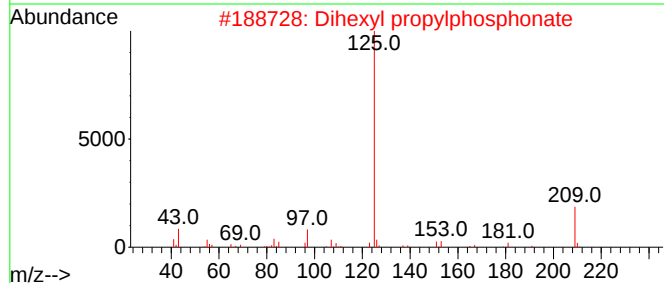
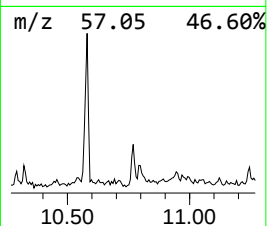
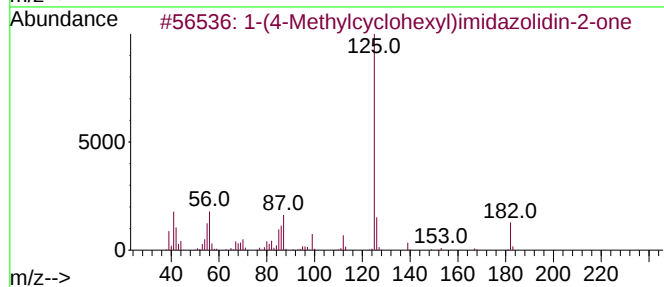
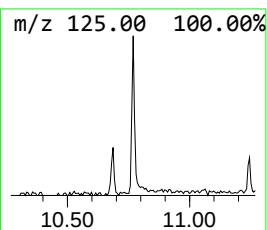
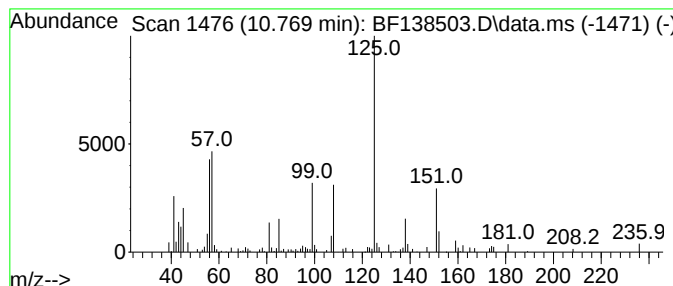
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 unknown10.769 Concentration Rank 14

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 10.769 | 2.08 ng | 65816 | Phenanthrene-d10 | 11.381 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1-(4-Methylcyclohexyl)imidazolid... | 182 | C10H18N2O | 1000103-58-2 | 32   |
| 2    |    |   | Diethyl propylphosphonate           | 292 | C15H33O3P | 149127-55-9  | 27   |
| 3    |    |   | 1,3,5-Trimethyl-1H-pyrazol-4-amine  | 125 | C6H11N3   | 028466-21-9  | 25   |
| 4    |    |   | Phosphonic acid, (1-methylethyl)... | 400 | C23H45O3P | 074630-11-8  | 25   |
| 5    |    |   | Methyl pinacolyl ethylphosphonat... | 208 | C9H21O3P  | 1000510-35-1 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

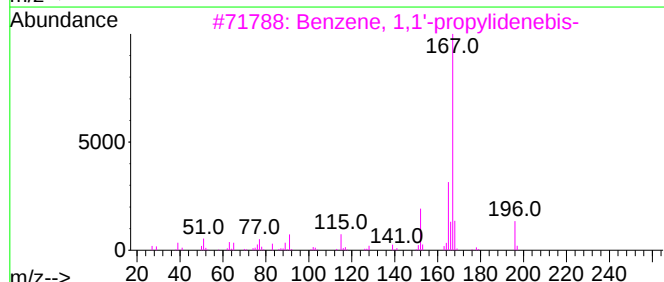
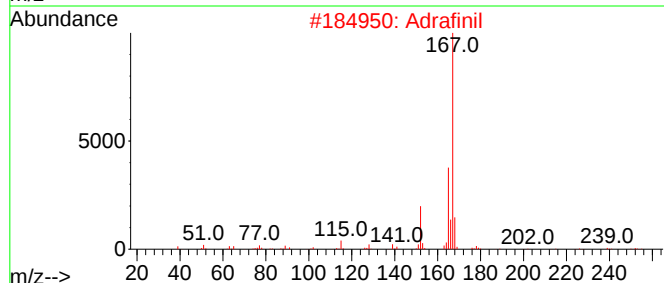
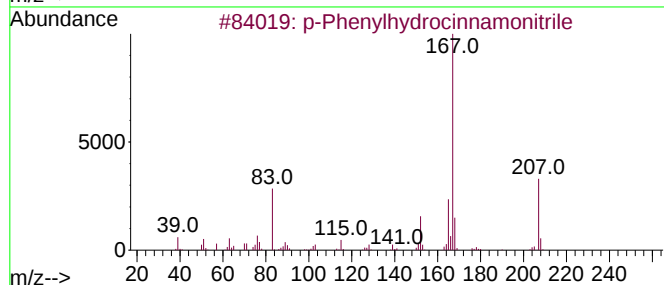
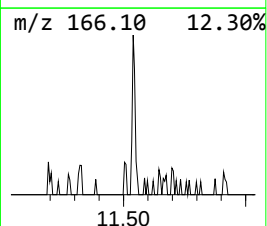
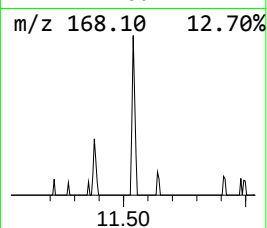
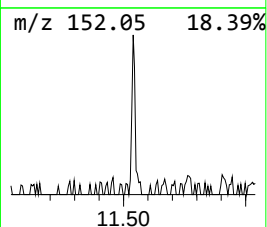
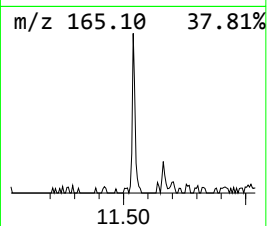
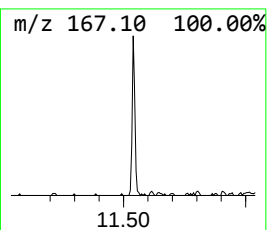
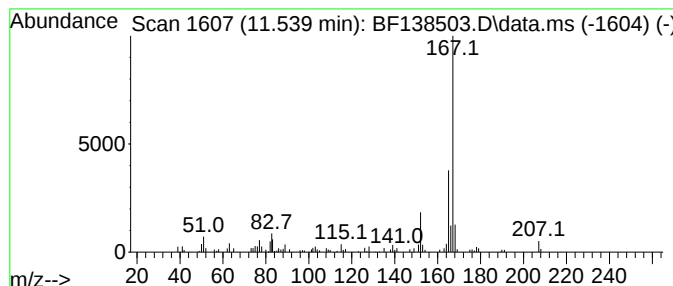
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 p-Phenylhydrocinnamionitrile Concentration Rank 13

| R.T.      | EstConc                       | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------|-------|------------------|-------------|------|
| 11.539    | 2.24 ng                       | 71013 | Phenanthrene-d10 | 11.381      |      |
| Hit# of 5 | Tentative ID                  | MW    | MolForm          | CAS#        | Qual |
| 1         | p-Phenylhydrocinnamionitrile  | 207   | C15H13N          | 092552-19-7 | 91   |
| 2         | Adrafinil                     | 289   | C15H15NO3S       | 063547-13-7 | 91   |
| 3         | Benzene, 1,1'-propylidenebis- | 196   | C15H16           | 001530-03-6 | 90   |
| 4         | Benzhydryl isothiocyanate     | 225   | C14H11NS         | 003550-21-8 | 90   |
| 5         | 2-Propanone, 1,1-diphenyl-    | 210   | C15H14O          | 000781-35-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

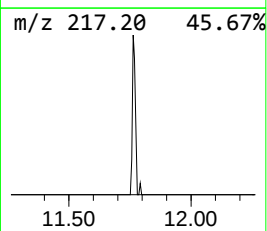
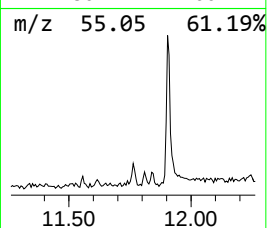
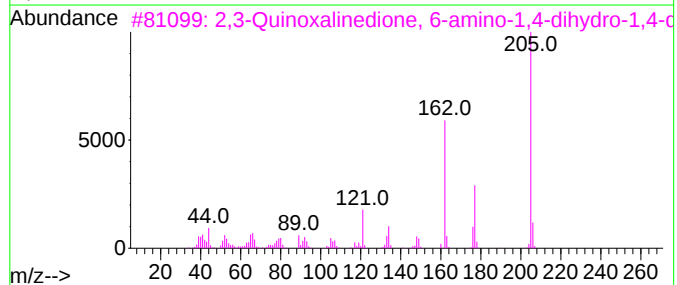
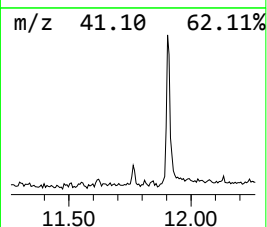
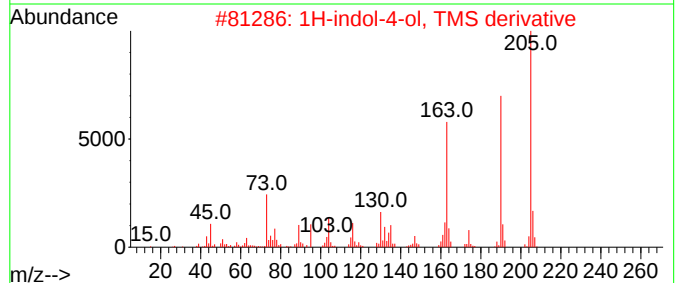
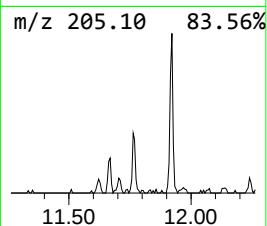
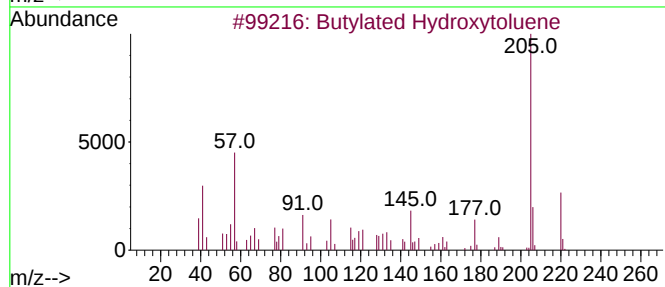
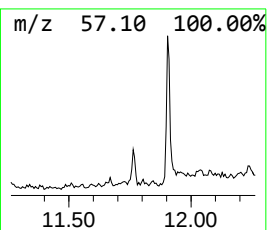
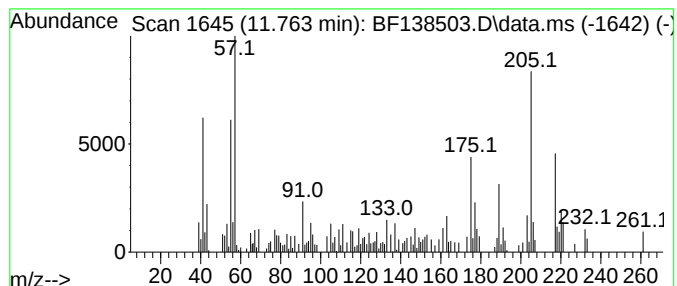
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 unknown11.763 Concentration Rank 15

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.763 | 2.06 ng | 65195 | Phenanthrene-d10 | 11.381 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Butylated Hydroxytoluene            | 220 | C15H24O    | 000128-37-0  | 46   |
| 2    |    |   | 1H-indol-4-ol, TMS derivative       | 205 | C11H15NOSi | 1000485-28-0 | 38   |
| 3    |    |   | 2,3-Quinoxalinedione, 6-amino-1,... | 205 | C10H11N3O2 | 1010338-06-6 | 38   |
| 4    |    |   | N2-(4-Fluorophenyl)-1,3,5-triazi... | 205 | C9H8FN5    | 001549-50-4  | 35   |
| 5    |    |   | Isoquinoline, 3,4-dihydro-6,7-di... | 205 | C12H15NO2  | 004721-98-6  | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

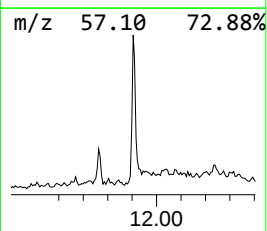
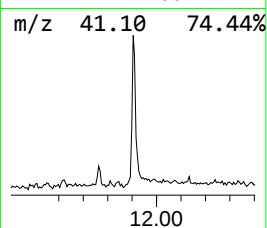
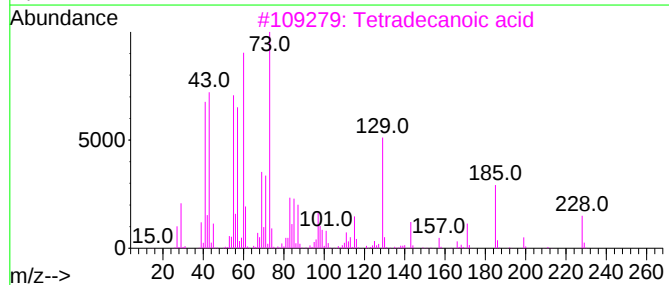
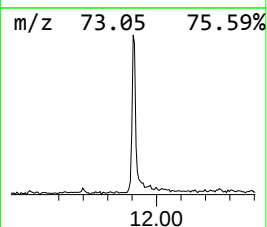
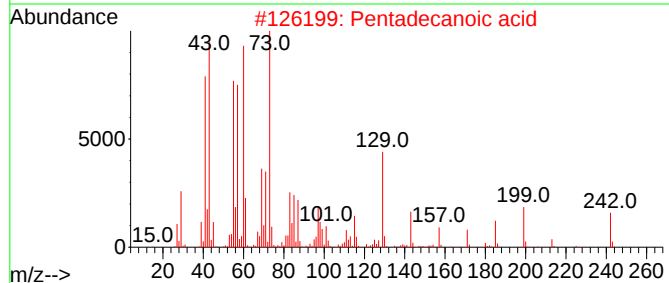
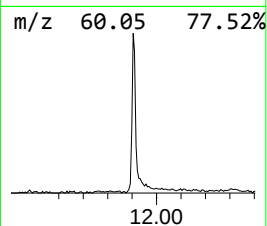
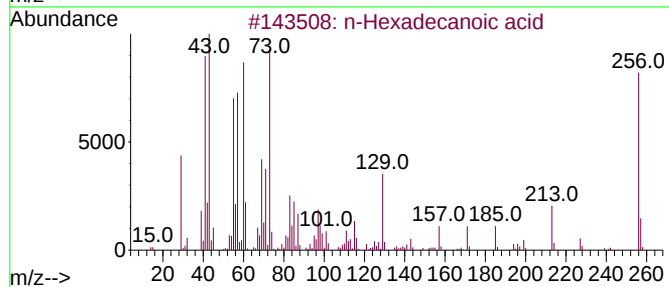
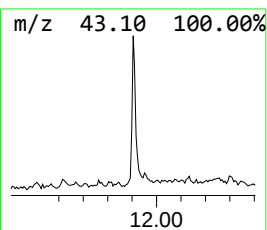
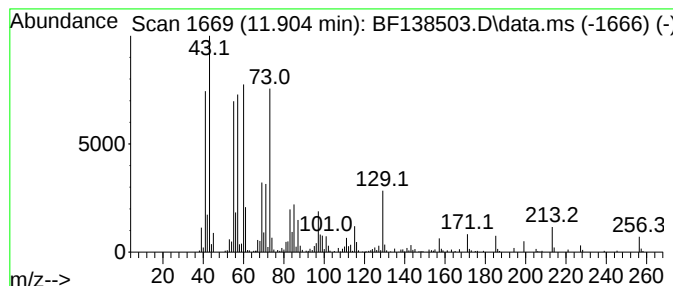
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.904 | 12.50 ng | 395725 | Phenanthrene-d10 | 11.381 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 4    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 68   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

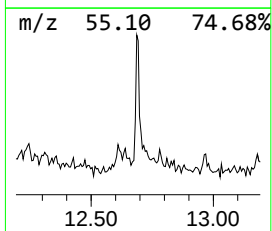
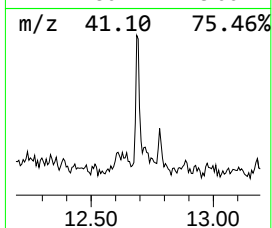
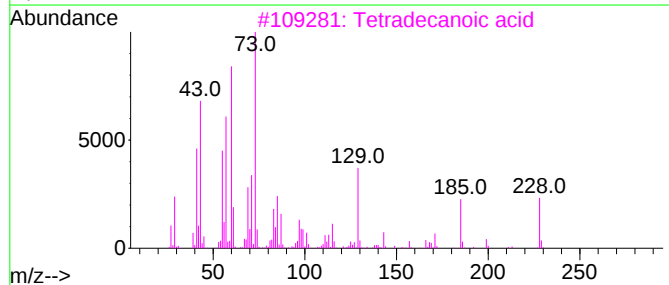
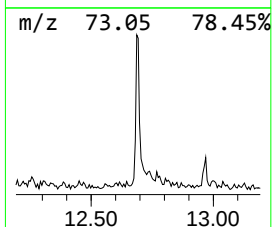
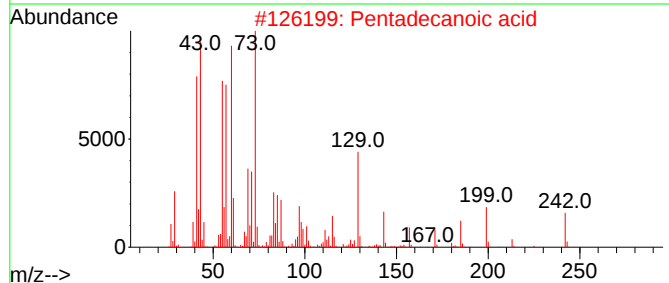
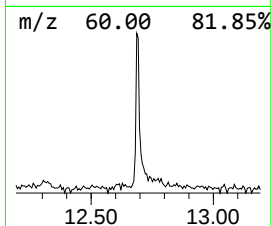
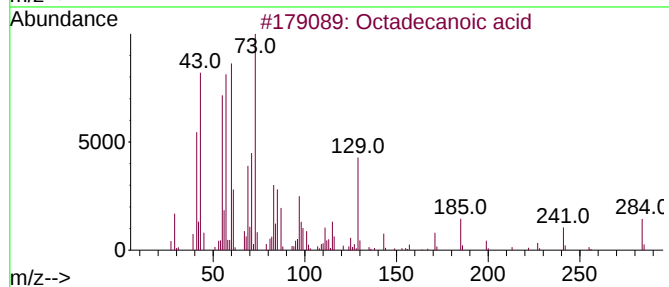
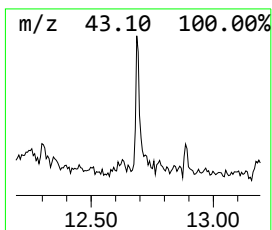
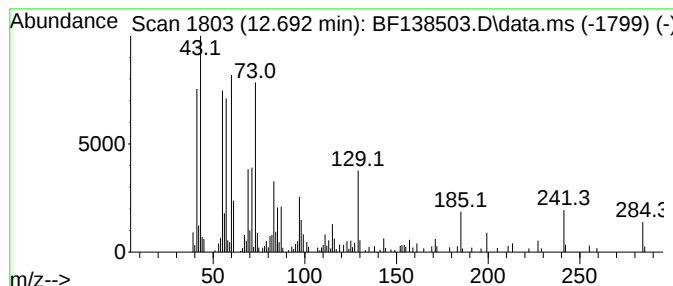
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Octadecanoic acid Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.692 | 3.85 ng | 121836 | Phenanthrene-d10 | 11.381 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|------|------------------------------------|-----|----------|--------------|------|
| 1    |      | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4  | 99   |
| 2    |      | Pentadecanoic acid                 | 242 | C15H30O2 | 001002-84-2  | 80   |
| 3    |      | Tetradecanoic acid                 | 228 | C14H28O2 | 000544-63-8  | 64   |
| 4    |      | n-Decanoic acid                    | 172 | C10H20O2 | 000334-48-5  | 60   |
| 5    |      | Oxalic acid, allyl octadecyl ester | 382 | C23H42O4 | 1000309-24-5 | 18   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

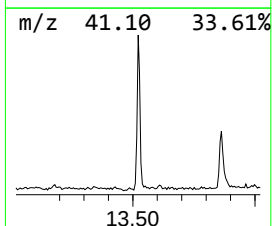
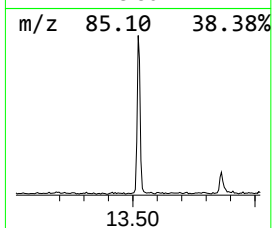
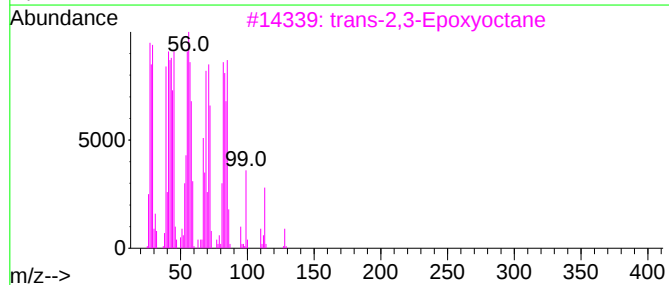
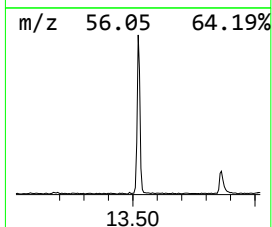
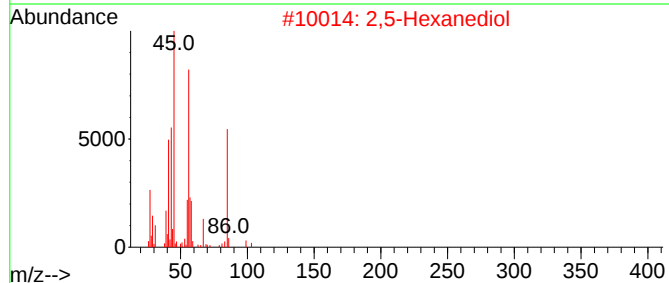
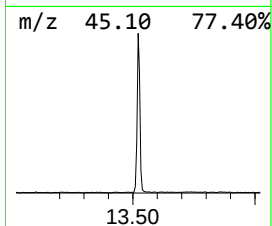
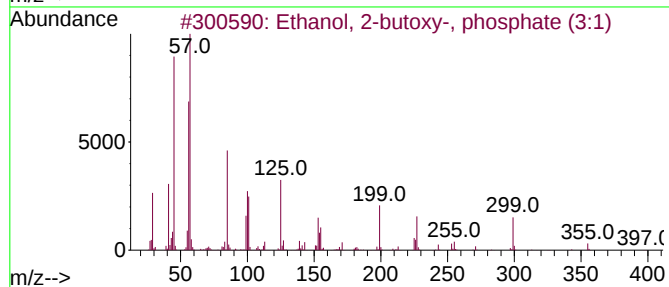
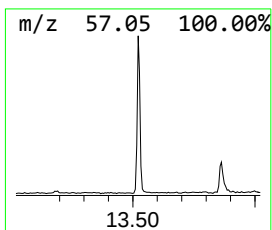
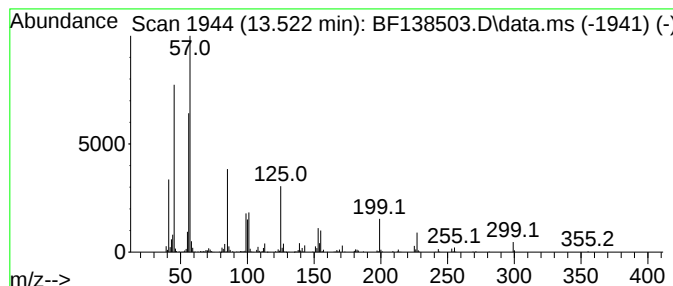
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Ethanol, 2-butoxy-, phospho... Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.522 | 20.65 ng | 461303 | Chrysene-d12     | 14.016 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Ethanol, 2-butoxy-, phosphate (3:1) | 398 | C18H39O7P | 000078-51-3 | 91   |
| 2    |    |   | 2,5-Hexanediol                      | 118 | C6H14O2   | 002935-44-6 | 50   |
| 3    |    |   | trans-2,3-Epoxyoctane               | 128 | C8H16O    | 028180-70-3 | 50   |
| 4    |    |   | Butane, 1-(1-methylpropoxy)-        | 130 | C8H18O    | 000999-65-5 | 27   |
| 5    |    |   | 2(3H)-Furanone, dihydro-5-methyl-   | 100 | C5H8O2    | 000108-29-2 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

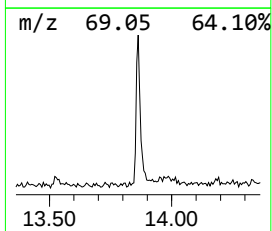
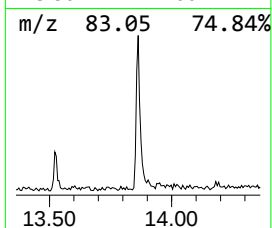
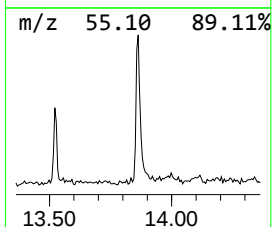
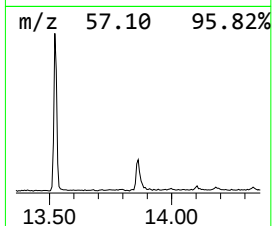
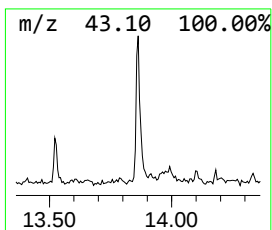
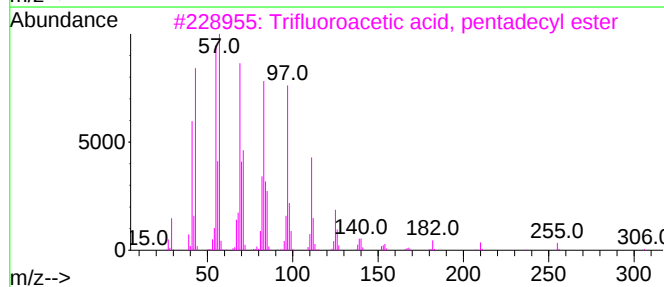
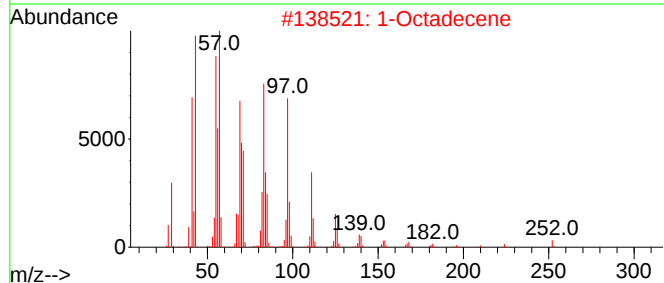
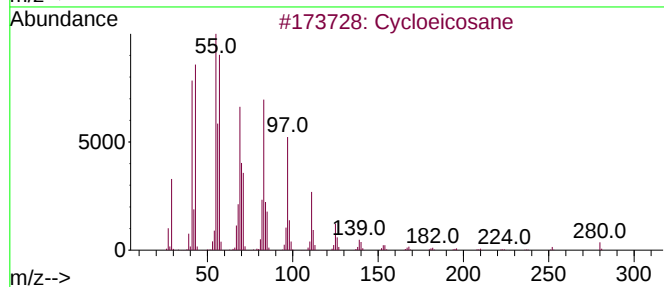
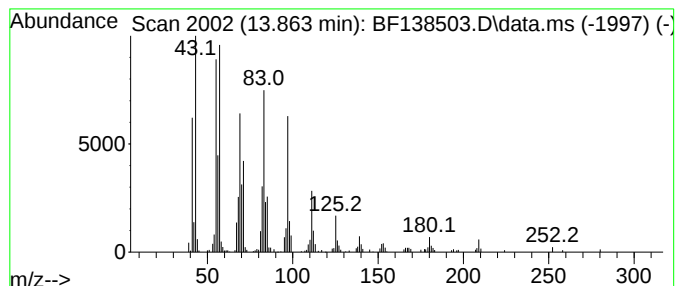
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Cycloeicosane Concentration Rank 7

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.863 | 11.80 ng | 263754 | Chrysene-d12     | 14.016 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|------|-------------------------------------|-----|------------|-------------|------|
| 1    |      | Cycloeicosane                       | 280 | C20H40     | 000296-56-0 | 96   |
| 2    |      | 1-Octadecene                        | 252 | C18H36     | 000112-88-9 | 96   |
| 3    |      | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 93   |
| 4    |      | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 93   |
| 5    |      | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

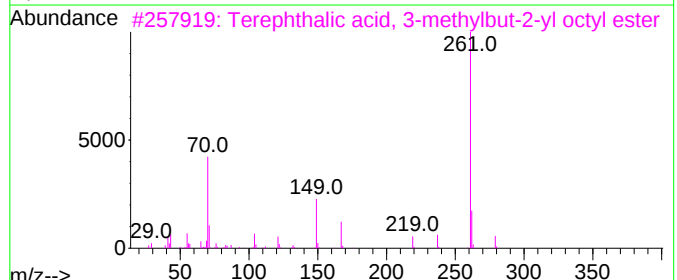
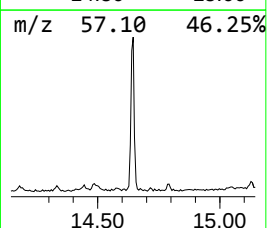
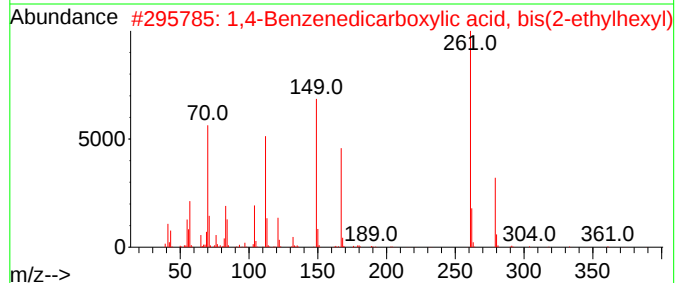
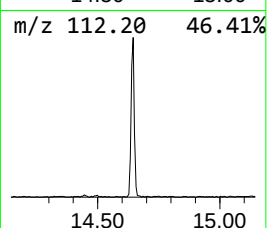
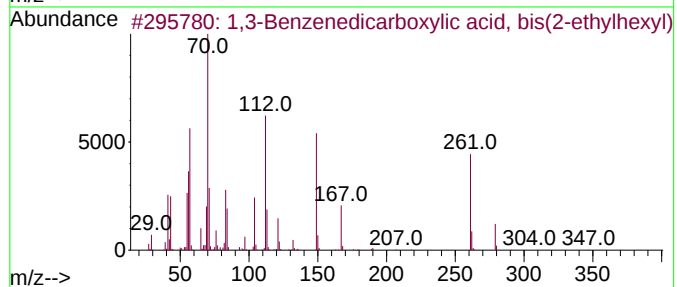
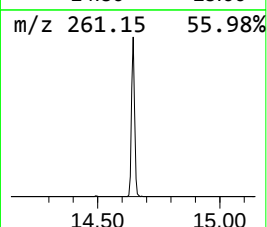
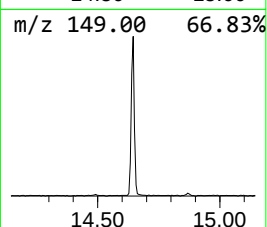
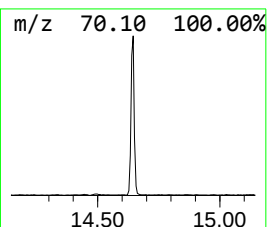
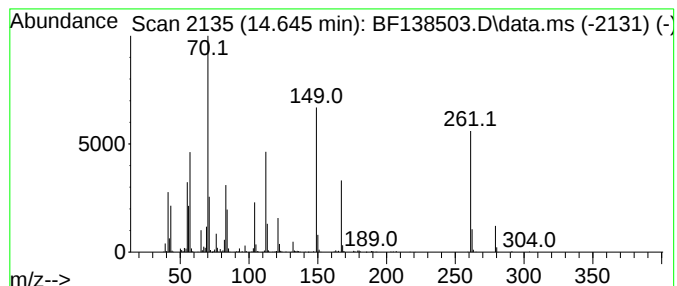
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 1,3-Benzenedicarboxylic aci... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 14.645    | 30.61 ng                            | 683905 | Chrysene-d12     | 14.016       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1,3-Benzenedicarboxylic acid, bi... | 390    | C24H38O4         | 000137-89-3  | 86   |
| 2         | 1,4-Benzenedicarboxylic acid, bi... | 390    | C24H38O4         | 006422-86-2  | 59   |
| 3         | Terephthalic acid, 3-methylbut-2... | 348    | C21H32O4         | 1000356-27-6 | 47   |
| 4         | Isophthalic acid, 3-methylbut-2...  | 348    | C21H32O4         | 1000344-72-4 | 47   |
| 5         | Terephthalic acid, monochloride,... | 296    | C16H21ClO3       | 1000324-22-9 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

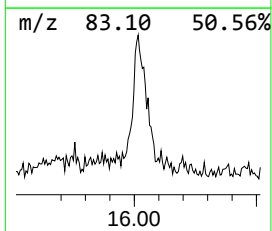
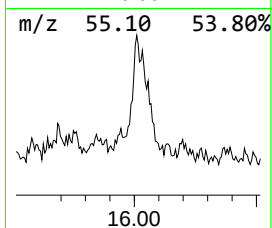
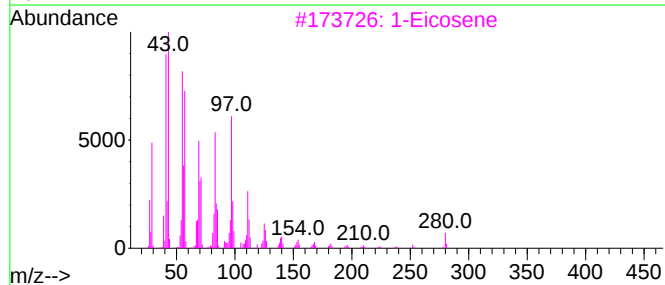
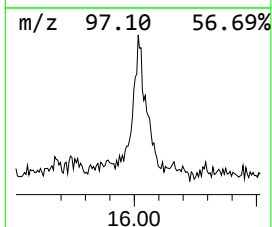
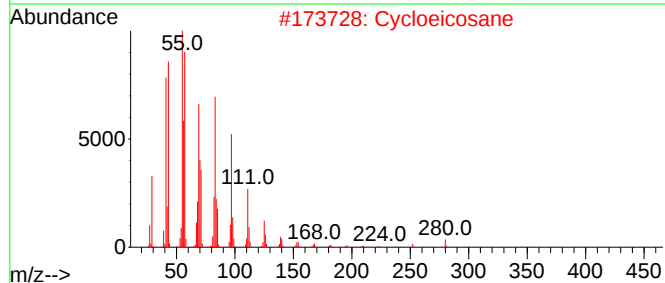
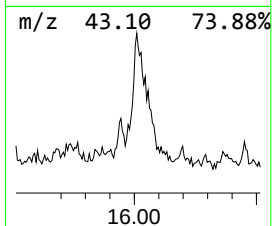
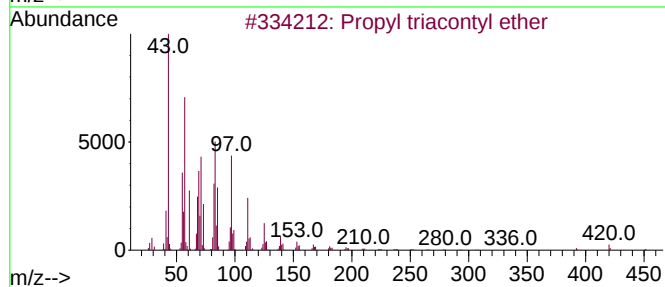
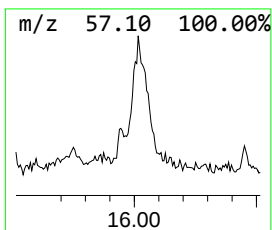
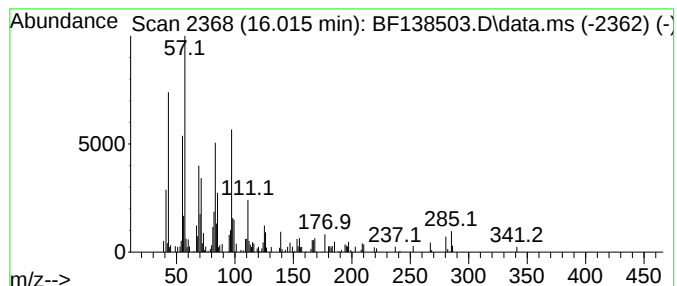
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Propyl triacontyl ether Concentration Rank 6

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.015 | 12.18 ng | 287557 | Perylene-d12     | 15.486 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------------|-----|---------|--------------|------|
| 1    |    |   | Propyl triacontyl ether      | 481 | C33H68O | 1000406-28-6 | 74   |
| 2    |    |   | Cycloeicosane                | 280 | C20H40  | 000296-56-0  | 74   |
| 3    |    |   | 1-Eicosene                   | 280 | C20H40  | 003452-07-1  | 70   |
| 4    |    |   | n-Tetracosanol-1             | 354 | C24H50O | 000506-51-4  | 70   |
| 5    |    |   | Methyl tetratriacontyl ether | 509 | C35H72O | 1000406-30-1 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

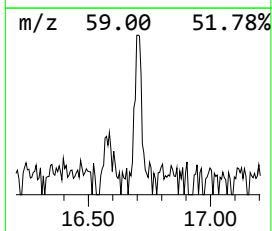
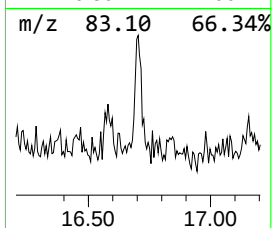
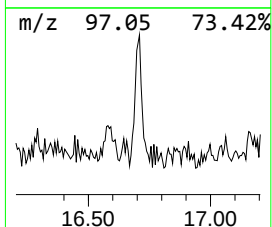
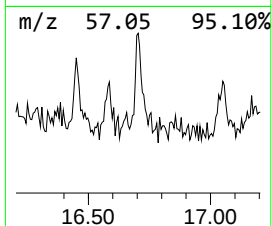
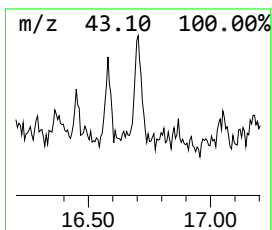
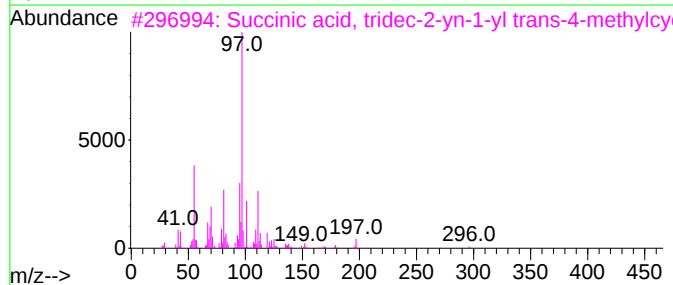
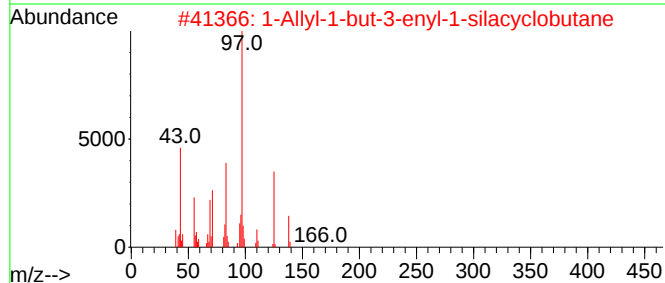
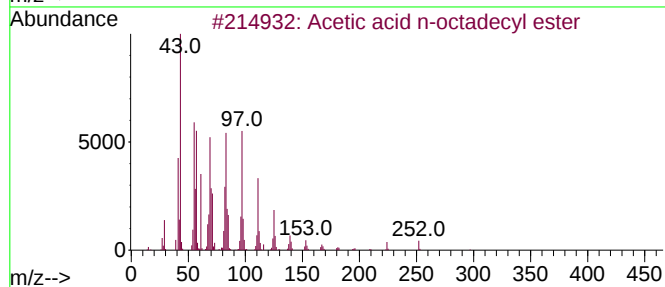
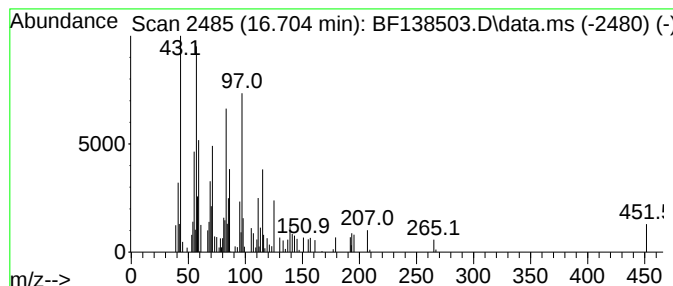
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 unknown16.704 Concentration Rank 12

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 16.704    | 2.64 ng                             | 62436 | Perylene-d12     | 15.486       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Acetic acid n-octadecyl ester       | 312   | C20H40O2         | 000822-23-1  | 35   |
| 2         | 1-Allyl-1-but-3-enyl-1-silacyclo... | 166   | C10H18Si         | 127597-51-7  | 27   |
| 3         | Succinic acid, tridec-2-yn-1-yl ... | 392   | C24H40O4         | 1000390-07-4 | 22   |
| 4         | Cyclohexane, 1,2-dimethyl-3-pent... | 224   | C16H32           | 062376-17-4  | 16   |
| 5         | Eicosyl trifluoroacetate            | 394   | C22H41F3O2       | 1000351-75-2 | 14   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071024\  
Data File : BF138503.D  
Acq On : 10 Jul 2024 16:08  
Operator : CG\JU  
Sample : P3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
240703078-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.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 |
| Butane, 2-metho... | 2.169  | 223.3   | ng    | 5948290  | 1                     | 6.863  | 532844 | 20.0 |
| 1,3-Dioxolane, ... | 2.981  | 4.6     | ng    | 121484   | 1                     | 6.863  | 532844 | 20.0 |
| 2-Pentanone, 4-... | 5.075  | 5.9     | ng    | 157363   | 1                     | 6.863  | 532844 | 20.0 |
| 1-Phenoxypropan... | 8.457  | 3.6     | ng    | 129399   | 2                     | 8.145  | 722231 | 20.0 |
| Triethyl citrate   | 10.581 | 88.6    | ng    | 3293150  | 3                     | 9.898  | 743411 | 20.0 |
| unknown10.769      | 10.769 | 2.1     | ng    | 65816    | 4                     | 11.381 | 633251 | 20.0 |
| p-Phenylhydroci... | 11.539 | 2.2     | ng    | 71013    | 4                     | 11.381 | 633251 | 20.0 |
| unknown11.763      | 11.763 | 2.1     | ng    | 65195    | 4                     | 11.381 | 633251 | 20.0 |
| n-Hexadecanoic ... | 11.904 | 12.5    | ng    | 395725   | 4                     | 11.381 | 633251 | 20.0 |
| Octadecanoic acid  | 12.692 | 3.9     | ng    | 121836   | 4                     | 11.381 | 633251 | 20.0 |
| Ethanol, 2-buto... | 13.522 | 20.6    | ng    | 461303   | 5                     | 14.016 | 446874 | 20.0 |
| Cycloeicosane      | 13.863 | 11.8    | ng    | 263754   | 5                     | 14.016 | 446874 | 20.0 |
| 1,3-Benzenedica... | 14.645 | 30.6    | ng    | 683905   | 5                     | 14.016 | 446874 | 20.0 |
| Propyl triacont... | 16.015 | 12.2    | ng    | 287557   | 6                     | 15.486 | 472179 | 20.0 |
| unknown16.704      | 16.704 | 2.6     | ng    | 62436    | 6                     | 15.486 | 472179 | 20.0 |