

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
 Data File : BF125392.D  
 Acq On : 7 Sep 2021 17:32  
 Operator : JU/CG  
 Sample : M3658-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-400027

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-BF081821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125392.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         | 2.181       | 11            | 16          | 23           | rVB      | 1000746        | 1317486       | 56.71%          | 5.842%        |
| 2         | 5.522       | 579           | 584         | 598          | rBV      | 2446800        | 2323381       | 100.00%         | 10.303%       |
| 3         | 6.528       | 750           | 755         | 769          | rBV      | 2297051        | 2192323       | 94.36%          | 9.721%        |
| 4         | 6.898       | 814           | 818         | 821          | rBV      | 877298         | 715486        | 30.80%          | 3.173%        |
| 5         | 7.457       | 909           | 913         | 924          | rBV      | 1535154        | 1325233       | 57.04%          | 5.876%        |
| 6         | 8.092       | 1016          | 1021        | 1032         | rBV      | 83051          | 219109        | 9.43%           | 0.972%        |
| 7         | 8.181       | 1032          | 1036        | 1043         | rVB      | 921765         | 805793        | 34.68%          | 3.573%        |
| 8         | 9.251       | 1214          | 1218        | 1223         | rBV      | 2195777        | 2132534       | 91.79%          | 9.456%        |
| 9         | 9.328       | 1228          | 1231        | 1235         | rBV2     | 297590         | 411688        | 17.72%          | 1.826%        |
| 10        | 9.575       | 1270          | 1273        | 1276         | rBV4     | 262650         | 398488        | 17.15%          | 1.767%        |
| 11        | 9.645       | 1282          | 1285        | 1289         | rBV2     | 743438         | 1002879       | 43.16%          | 4.447%        |
| 12        | 9.698       | 1292          | 1294        | 1298         | rVB3     | 463962         | 485337        | 20.89%          | 2.152%        |
| 13        | 9.751       | 1301          | 1303        | 1306         | rVB2     | 376034         | 299142        | 12.88%          | 1.326%        |
| 14        | 9.804       | 1309          | 1312        | 1314         | rBV2     | 1203975        | 1305473       | 56.19%          | 5.789%        |
| 15        | 9.851       | 1317          | 1320        | 1322         | rVB      | 1700162        | 1510413       | 65.01%          | 6.698%        |
| 16        | 9.886       | 1324          | 1326        | 1328         | rBV3     | 555532         | 578954        | 24.92%          | 2.567%        |
| 17        | 10.357      | 1403          | 1406        | 1409         | rVB      | 1414006        | 1301616       | 56.02%          | 5.772%        |
| 18        | 13.033      | 1859          | 1861        | 1864         | rVB      | 1749838        | 1315463       | 56.62%          | 5.833%        |
| 19        | 14.080      | 2036          | 2039        | 2042         | rVB2     | 848813         | 830293        | 35.74%          | 3.682%        |
| 20        | 15.121      | 2213          | 2216        | 2220         | rBV      | 250050         | 371034        | 15.97%          | 1.645%        |
| 21        | 15.180      | 2223          | 2226        | 2233         | rVB      | 153065         | 197369        | 8.49%           | 0.875%        |
| 22        | 15.433      | 2266          | 2269        | 2276         | rVB      | 145060         | 192591        | 8.29%           | 0.854%        |
| 23        | 15.498      | 2277          | 2280        | 2286         | rVB      | 181903         | 233031        | 10.03%          | 1.033%        |
| 24        | 15.562      | 2287          | 2291        | 2296         | rBV2     | 735669         | 918748        | 39.54%          | 4.074%        |
| 25        | 16.015      | 2365          | 2368        | 2374         | rVB      | 128689         | 167665        | 7.22%           | 0.743%        |

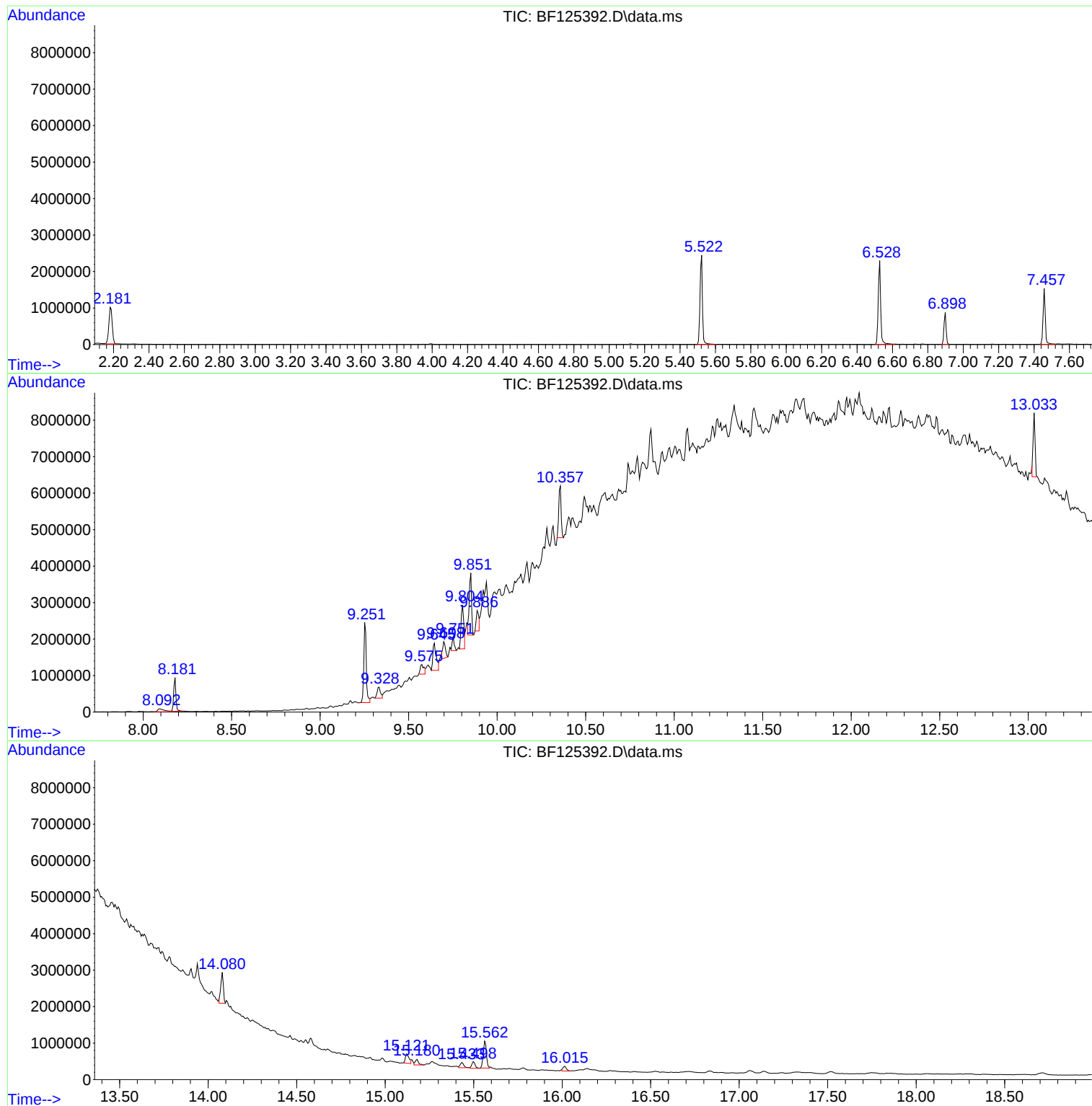
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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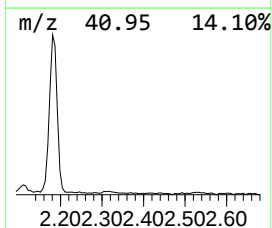
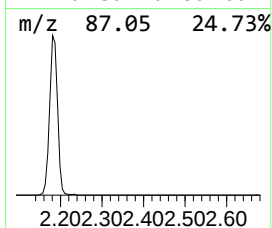
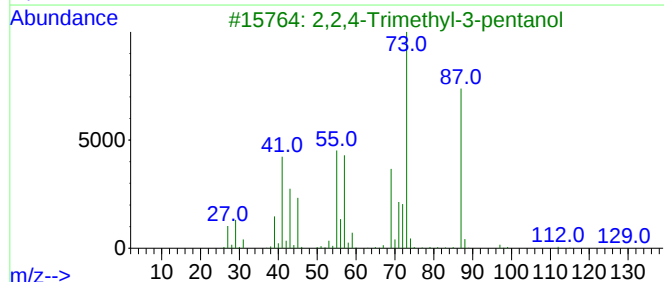
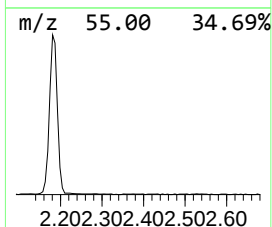
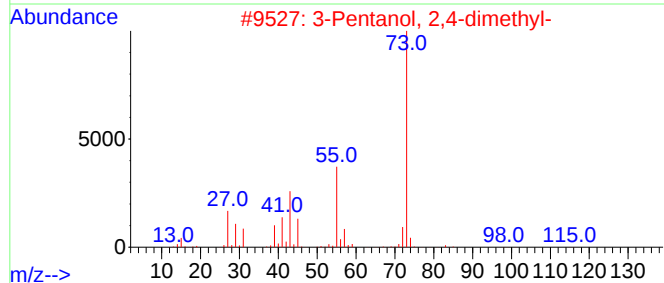
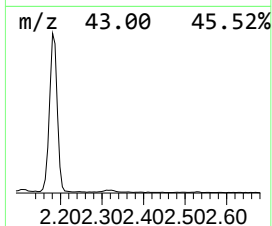
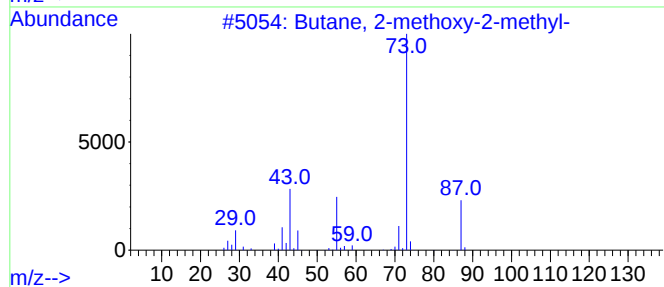
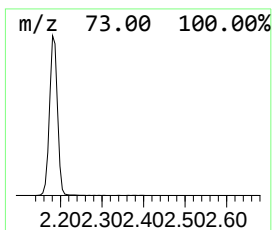
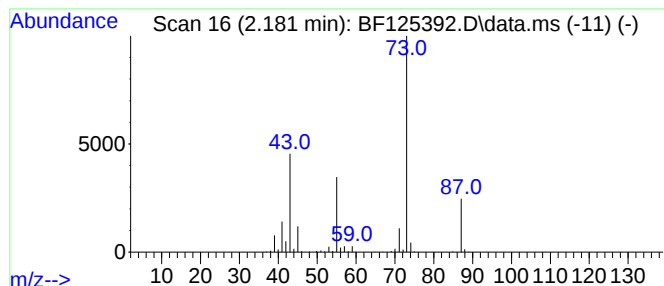
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.181 | 36.83 ng | 1317490 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 43   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 38   |
| 5    |    |   | 3-Pentanol, 3-methyl-       | 102 | C6H14O  | 000077-74-7 | 23   |



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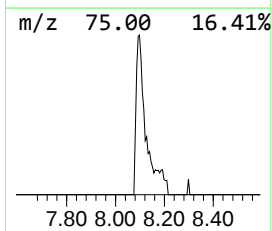
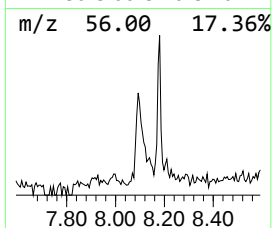
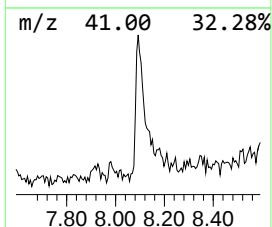
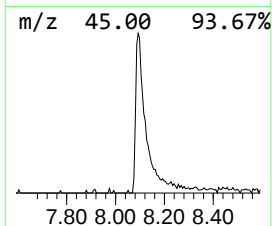
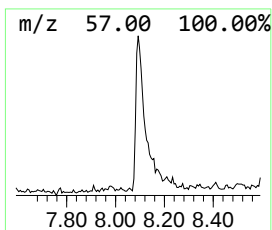
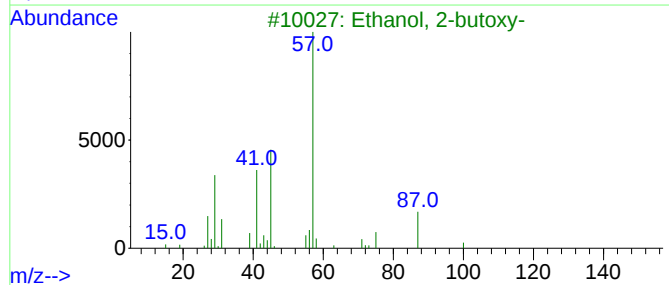
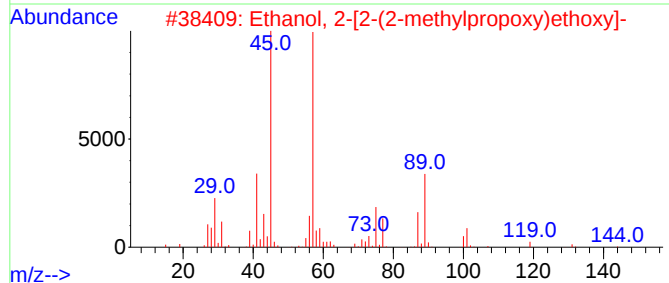
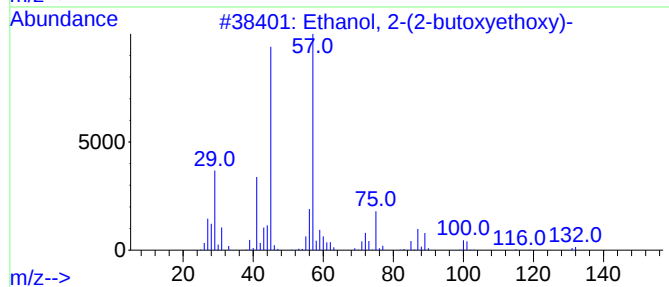
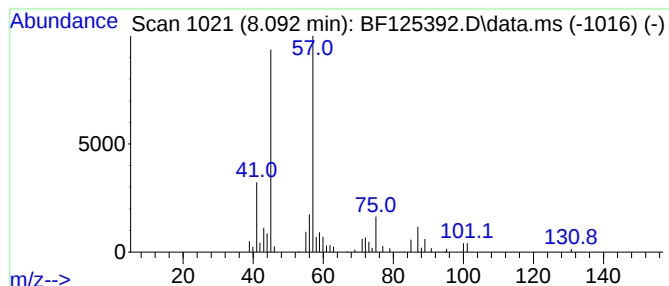
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.092 | 5.44 ng | 219109 | Naphthalene-d8   | 8.181 |

| Hit# | of | 5 | Tentative ID                            | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-            | 162 | C8H18O3  | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 2-[2-(2-methylpropoxy)ethoxy]- | 162 | C8H18O3  | 018912-80-6 | 56   |
| 3    |    |   | Ethanol, 2-butoxy-                      | 118 | C6H14O2  | 000111-76-2 | 47   |
| 4    |    |   | 3,6,9,12-Tetraoxatetradeca-1,13-diene   | 202 | C10H18O4 | 000765-12-8 | 45   |
| 5    |    |   | Ethanol, 2-[2-(2-butoxyethoxy)ethoxy]-  | 206 | C10H22O4 | 000143-22-6 | 45   |



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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

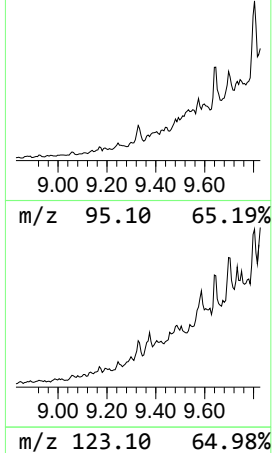
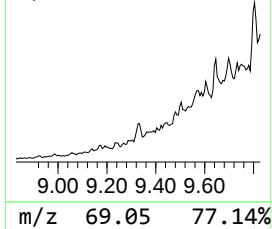
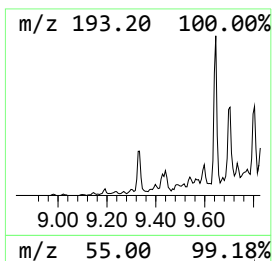
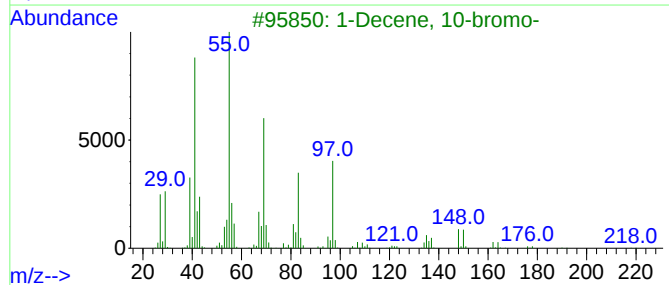
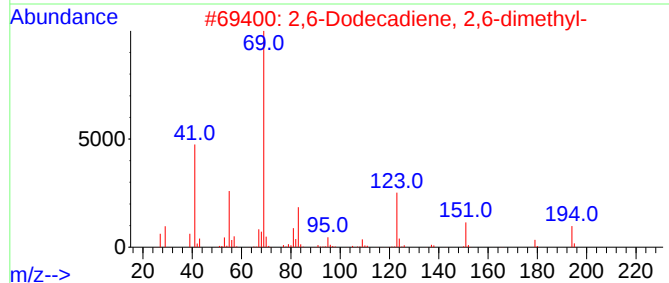
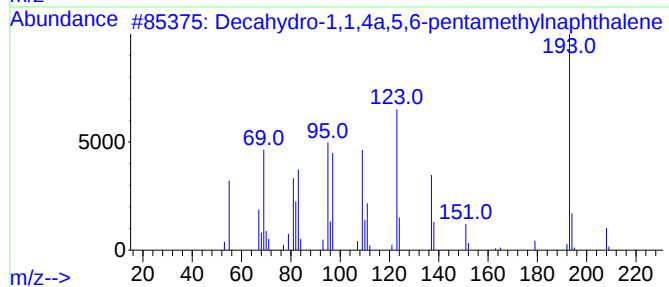
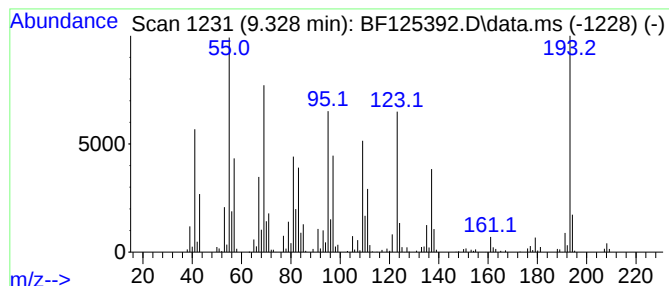
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Peak Number 3 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 8

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.328 | 14.22 ng | 411688 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28   | 080655-44-3  | 81   |
| 2    |    |   | 2,6-Dodecadiene, 2,6-dimethyl-      | 194 | C14H26   | 1000164-67-6 | 27   |
| 3    |    |   | 1-Decene, 10-bromo-                 | 218 | C10H19Br | 062871-09-4  | 27   |
| 4    |    |   | Cyclohexane, 1-(cyclohexylmethyl... | 208 | C15H28   | 054934-94-0  | 25   |
| 5    |    |   | 1-(2-Furyl)-4,4,4-trifluoro-1,3-... | 206 | C8H5F3O3 | 000326-90-9  | 22   |



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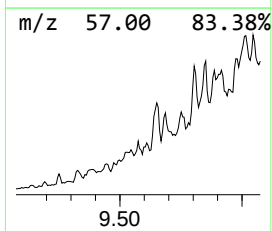
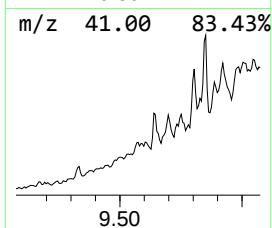
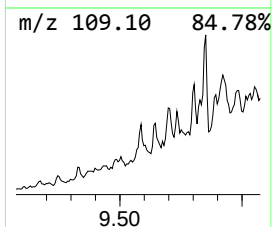
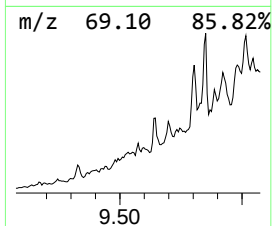
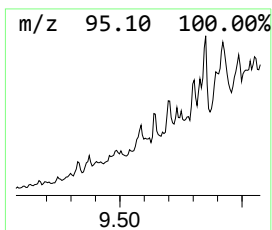
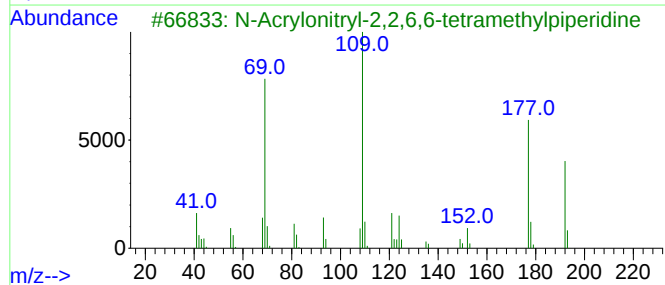
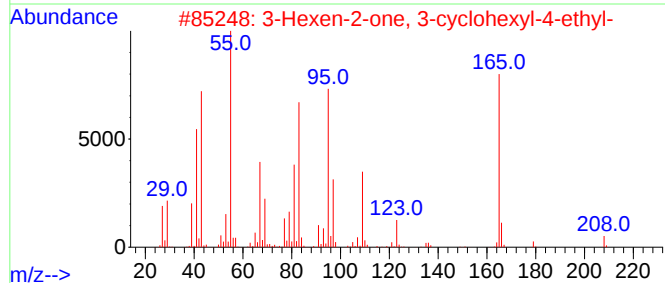
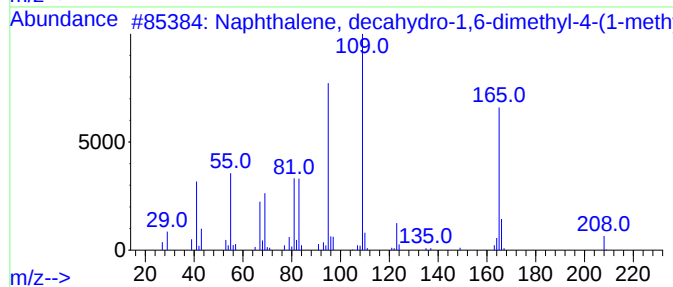
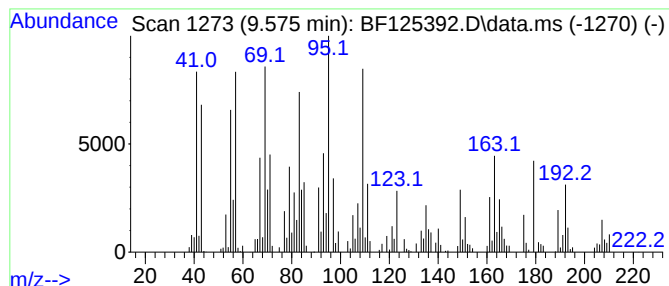
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Peak Number 4 unknown9.575 Concentration Rank 9

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.575 | 13.77 ng | 398488 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Naphthalene, decahydro-1,6-dimet... | 208 | C15H28   | 029788-41-8  | 35   |
| 2    |    |   | 3-Hexen-2-one, 3-cyclohexyl-4-et... | 208 | C14H24O  | 1000150-19-1 | 25   |
| 3    |    |   | N-Acrylonitril-2,2,6,6-tetrameth... | 192 | C12H20N2 | 077376-88-6  | 25   |
| 4    |    |   | Bicyclo[2.2.1]heptane-2,3-dione,... | 166 | C10H14O2 | 010334-26-6  | 22   |
| 5    |    |   | 3-Octene, 2,2-dimethyl-             | 140 | C10H20   | 086869-76-3  | 18   |



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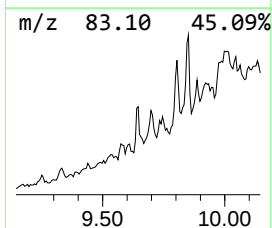
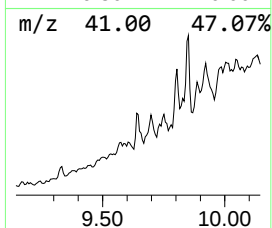
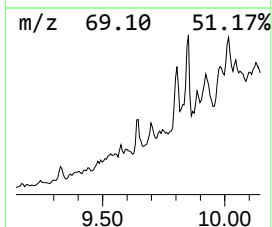
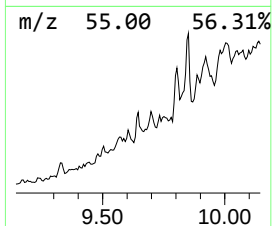
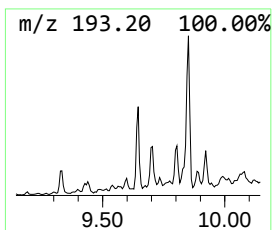
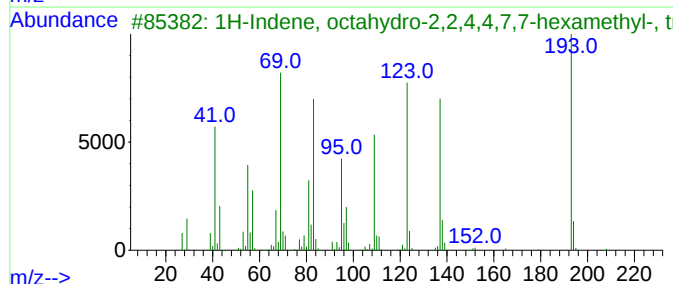
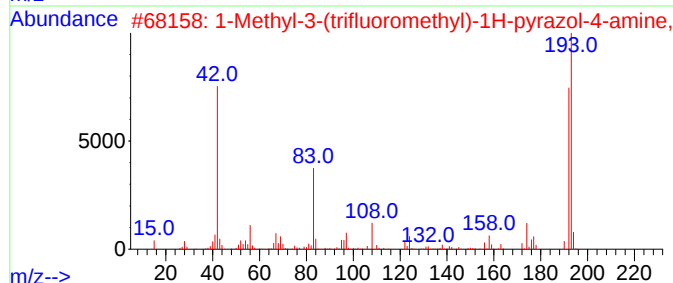
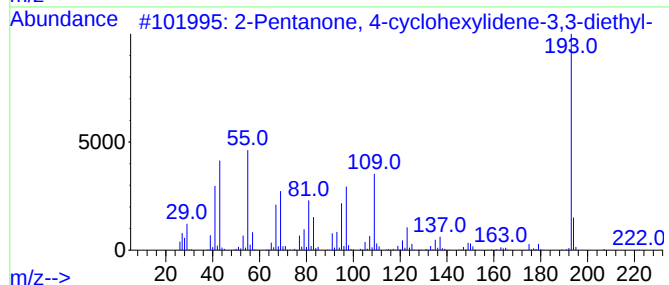
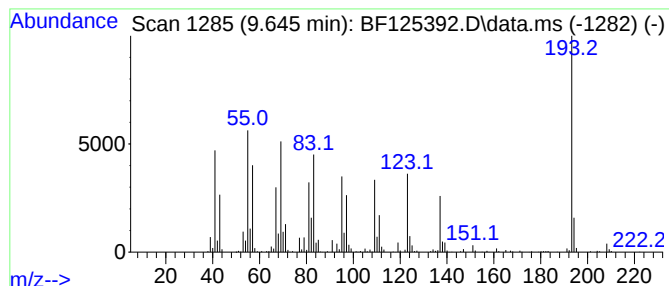
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Peak Number 5 2-Pentanone, 4-cyclohexylidene-3,3-diethyl- Concentration Rank 5

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 9.645     | 34.64 ng                            | 1002880 | Acenaphthene-d10 | 9.939        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | 2-Pentanone, 4-cyclohexylidene-3... | 222     | C15H26O          | 313253-65-5  | 50   |
| 2         | 1-Methyl-3-(trifluoromethyl)-1H-... | 193     | C7H10F3N3        | 1000511-73-1 | 43   |
| 3         | 1H-Indene, octahydro-2,2,4,4,7,7... | 208     | C15H28           | 054832-83-6  | 43   |
| 4         | Iminostilbene                       | 193     | C14H11N          | 000256-96-2  | 35   |
| 5         | 9-Phenanthrenamine                  | 193     | C14H11N          | 000947-73-9  | 35   |



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Data File : BF125392.D  
Acq On : 7 Sep 2021 17:32  
Operator : JU/CG  
Sample : M3658-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-400027

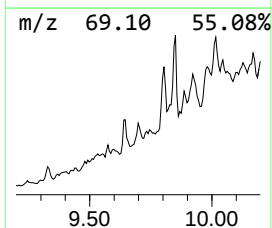
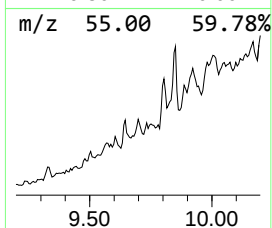
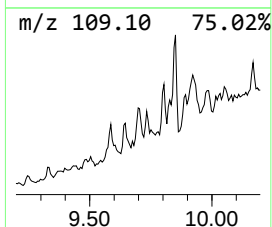
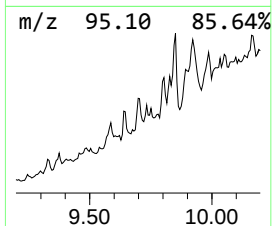
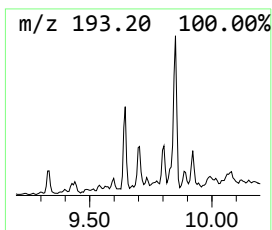
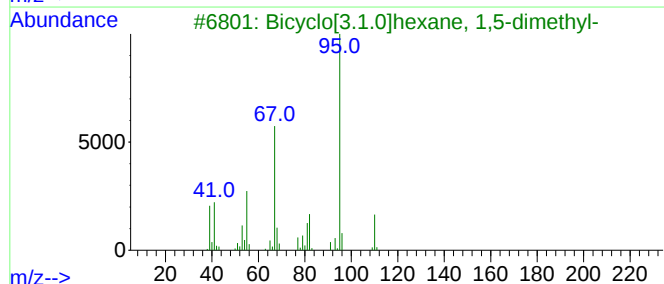
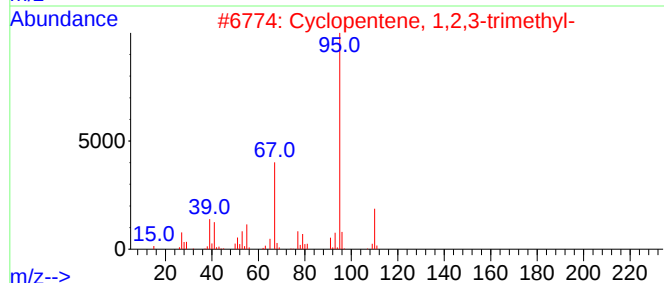
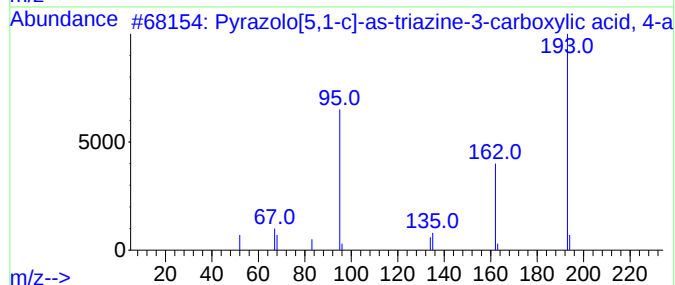
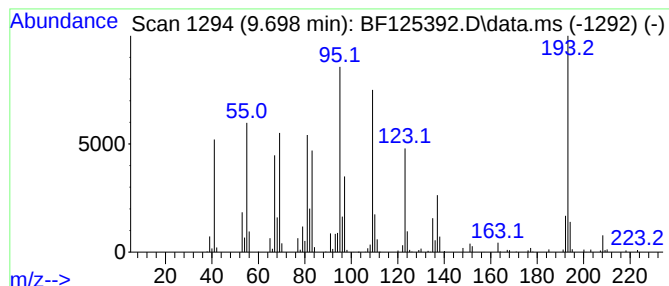
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 unknown9.698 Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.698 | 16.77 ng | 485337 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Pyrazolo[5,1-c]-as-triazine-3-ca... | 193 | C6H7N7O | 016111-78-7  | 35   |
| 2    |    |   | Cyclopentene, 1,2,3-trimethyl-      | 110 | C8H14   | 000473-91-6  | 18   |
| 3    |    |   | Bicyclo[3.1.0]hexane, 1,5-dimethyl- | 110 | C8H14   | 1010142-17-5 | 18   |
| 4    |    |   | 1,4-Hexadiene, 2,3-dimethyl-        | 110 | C8H14   | 018669-52-8  | 18   |
| 5    |    |   | Cyclopentane, 2-ethylidene-1,1-d... | 124 | C9H16   | 056324-66-4  | 14   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
Data File : BF125392.D  
Acq On : 7 Sep 2021 17:32  
Operator : JU/CG  
Sample : M3658-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-400027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
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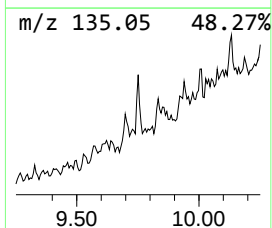
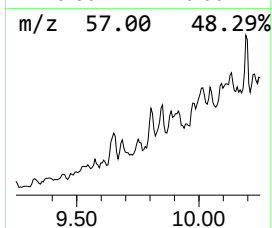
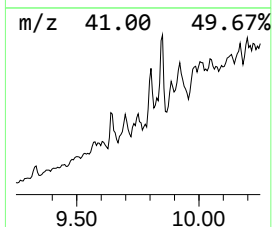
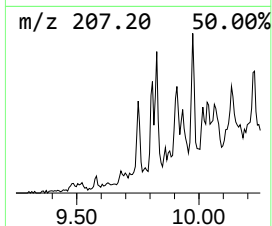
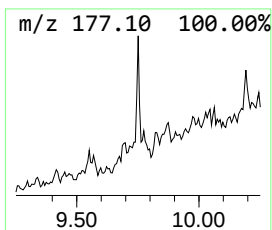
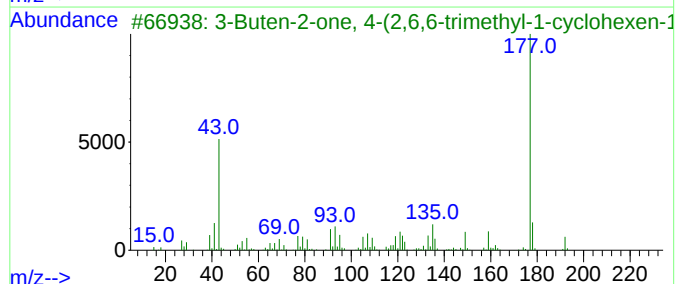
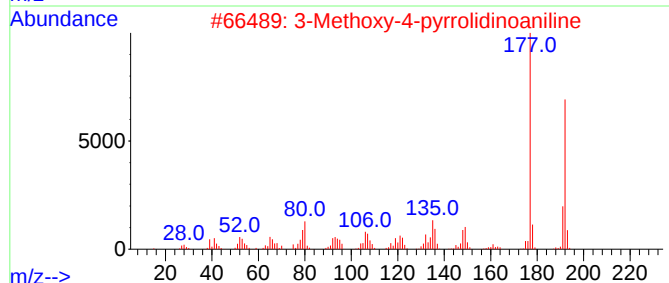
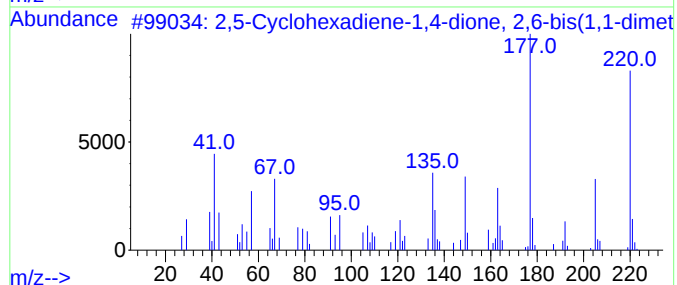
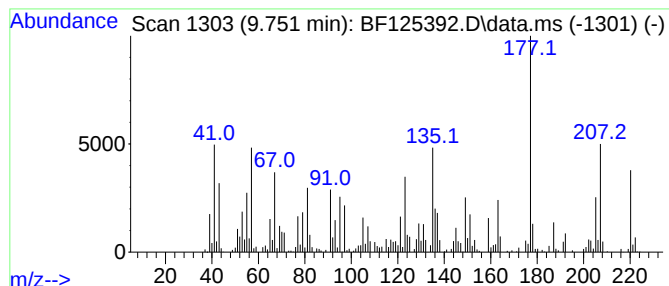
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 10

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.751 | 10.33 ng | 299142 | Acenaphthene-d10 | 9.939 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|------|-------------------------------------|-----|------------|-------------|------|
| 1    |      | 2,5-Cyclohexadiene-1,4-dione, 2,... | 220 | C14H20O2   | 000719-22-2 | 83   |
| 2    |      | 3-Methoxy-4-pyrrolidinoaniline      | 192 | C11H16N2O  | 016089-42-2 | 38   |
| 3    |      | 3-Buten-2-one, 4-(2,6,6-trimethy... | 192 | C13H20O    | 014901-07-6 | 25   |
| 4    |      | N-Cyclohexyl-2-nitroaniline         | 220 | C12H16N2O2 | 006373-71-3 | 22   |
| 5    |      | 1,4-Benzenediamine, N,N'-bis(1-m... | 192 | C12H20N2   | 004251-01-8 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
Data File : BF125392.D  
Acq On : 7 Sep 2021 17:32  
Operator : JU/CG  
Sample : M3658-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
RBR-400027

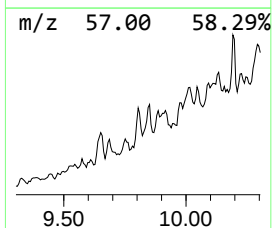
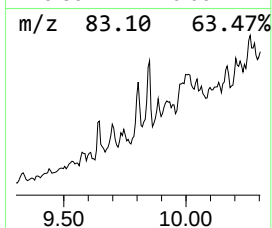
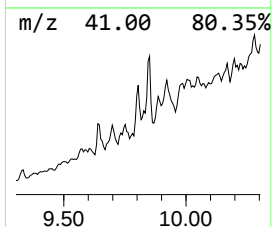
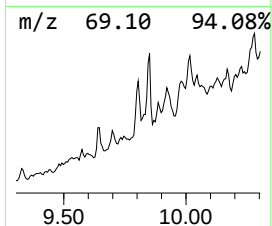
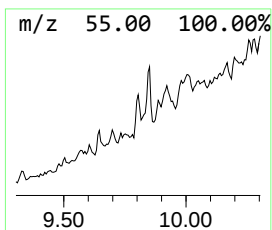
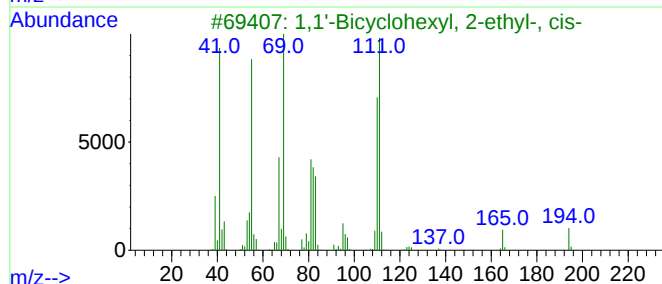
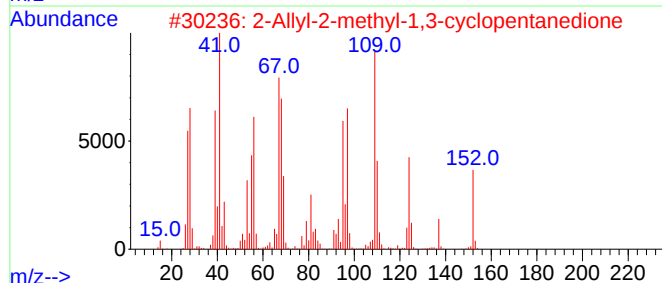
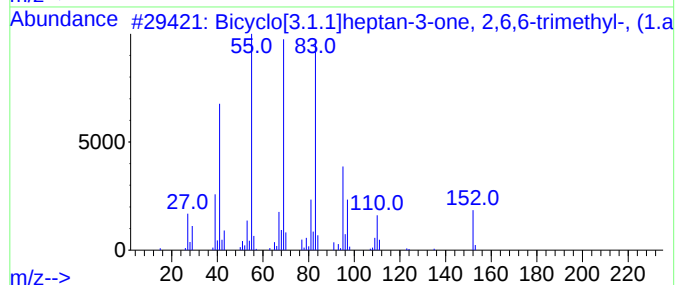
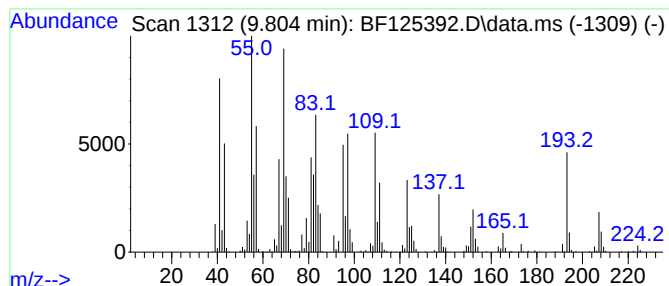
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 unknown9.804 Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.804 | 45.10 ng | 1305470 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 | C10H16O     | 015358-88-0  | 43   |
| 2    |    |   | 2-Allyl-2-methyl-1,3-cyclopentan... | 152 | C9H12O2     | 026828-48-8  | 41   |
| 3    |    |   | 1,1'-Bicyclohexyl, 2-ethyl-, cis-   | 194 | C14H26      | 050991-12-3  | 38   |
| 4    |    |   | Cyclohexane, 1-(cyclohexylmethyl... | 208 | C15H28      | 054934-92-8  | 38   |
| 5    |    |   | Silane, chlorodiethyl(2-methylpe... | 222 | C10H23ClOSi | 1000363-12-7 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
Data File : BF125392.D  
Acq On : 7 Sep 2021 17:32  
Operator : JU/CG  
Sample : M3658-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-400027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

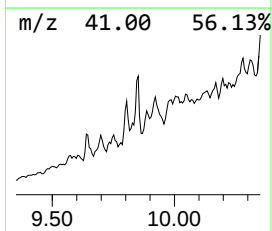
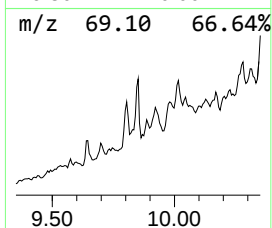
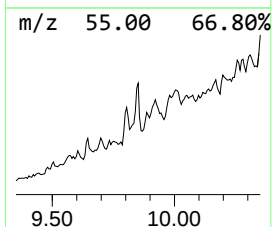
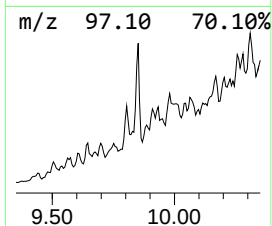
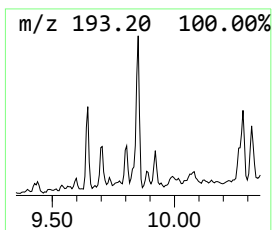
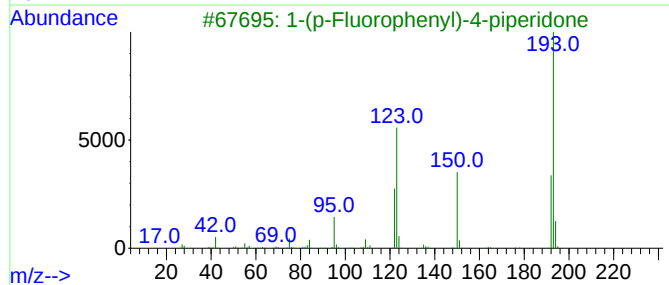
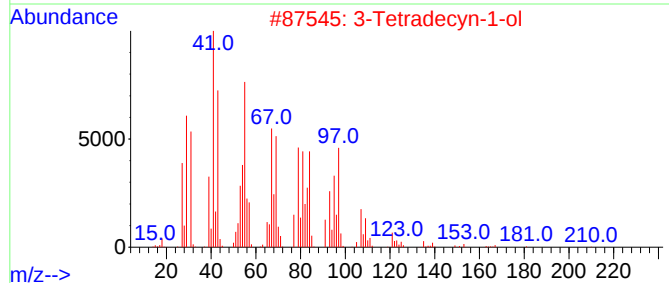
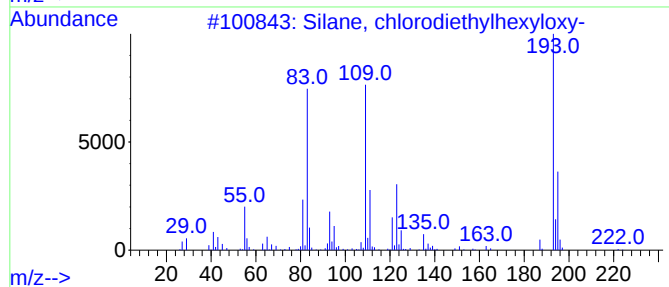
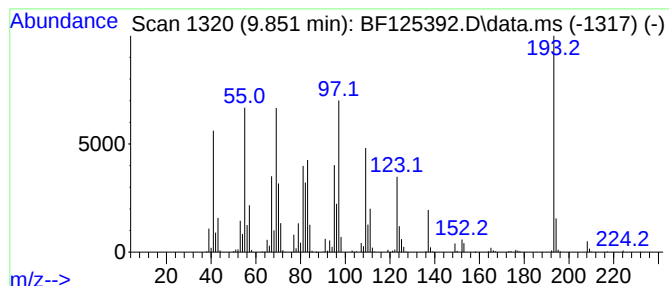
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Peak Number 9 unknown9.851 Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.851 | 52.18 ng | 1510410 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Silane, chlorodiethylhexyloxy-      | 222 | C10H23ClOSi | 1000363-74-4 | 38   |
| 2    |    |   | 3-Tetradecyn-1-ol                   | 210 | C14H26O     | 055182-74-6  | 35   |
| 3    |    |   | 1-(p-Fluorophenyl)-4-piperidone     | 193 | C11H12FNO   | 1000238-56-7 | 27   |
| 4    |    |   | Succinic acid, tridec-2-yn-1-yl ... | 420 | C26H44O4    | 1010391-10-5 | 25   |
| 5    |    |   | Hexadecanedinitrile                 | 248 | C16H28N2    | 006812-44-8  | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
Data File : BF125392.D  
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Operator : JU/CG  
Sample : M3658-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

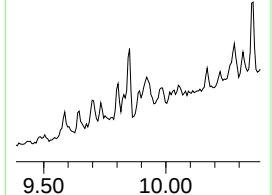
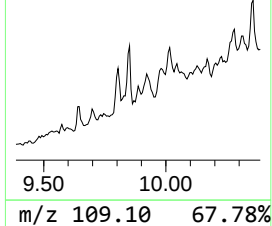
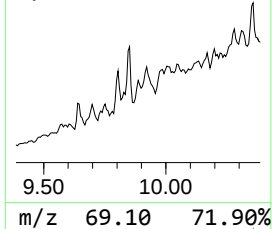
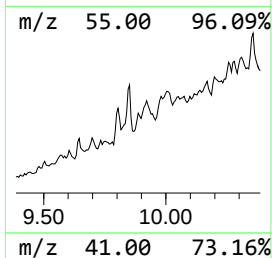
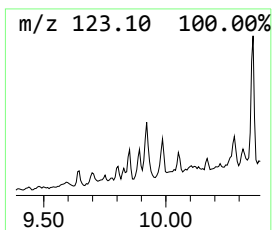
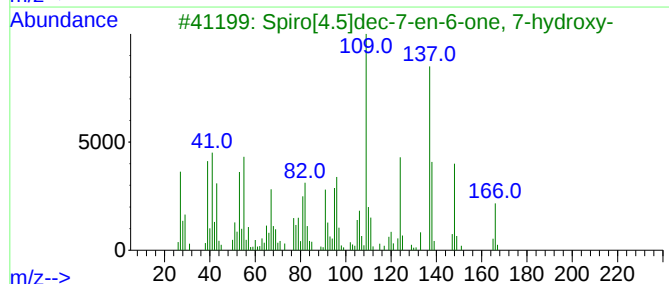
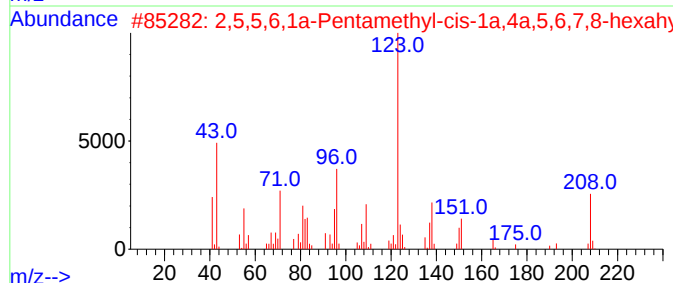
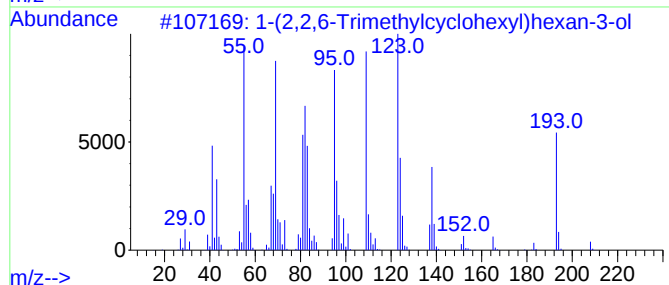
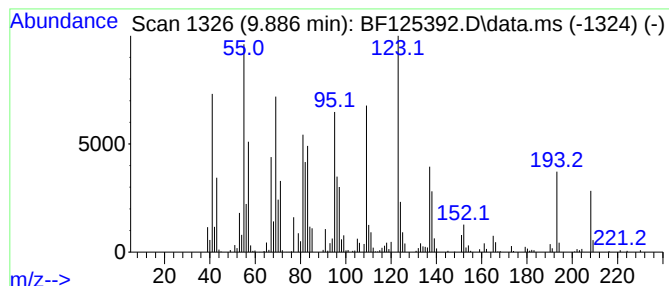
Instrument :  
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ClientSampled :  
RBR-400027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.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 10 1-(2,2,6-Trimethylcyclohexy... Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.886     | 20.00 ng                            | 578954 | Acenaphthene-d10 | 9.939        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-(2,2,6-Trimethylcyclohexyl)hex... | 226    | C15H30O          | 070788-30-6  | 53   |
| 2         | 2,5,5,6,1a-Pentamethyl-cis-1a,4a... | 208    | C14H24O          | 1010215-77-9 | 53   |
| 3         | Spiro[4.5]dec-7-en-6-one, 7-hydr... | 166    | C10H14O2         | 108573-05-3  | 46   |
| 4         | 2-(3,3-Dimethyl-oxiran-2-yl)-5-e... | 209    | C11H15NO3        | 1000194-95-4 | 38   |
| 5         | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138    | C10H18           | 004755-33-3  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
Data File : BF125392.D  
Acq On : 7 Sep 2021 17:32  
Operator : JU/CG  
Sample : M3658-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-400027

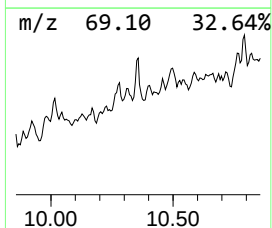
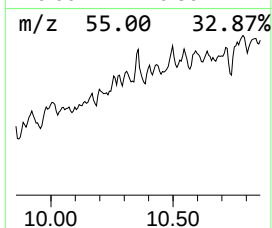
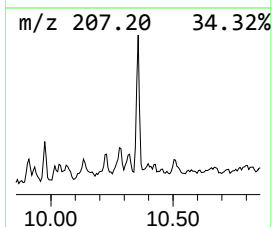
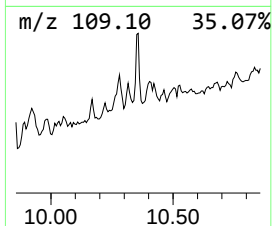
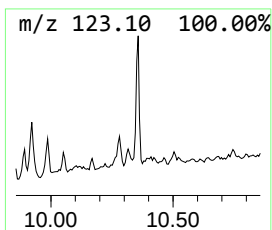
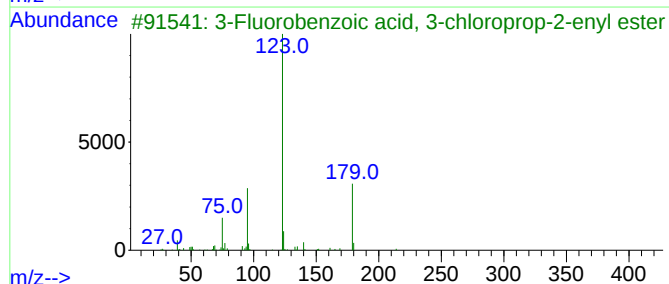
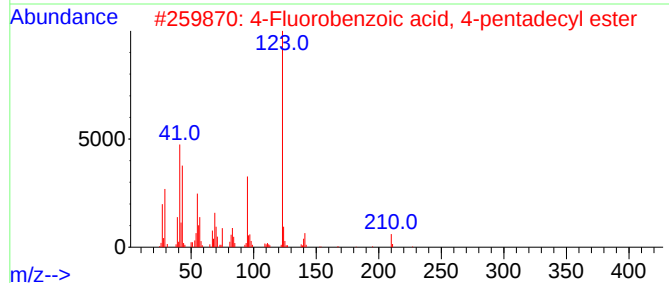
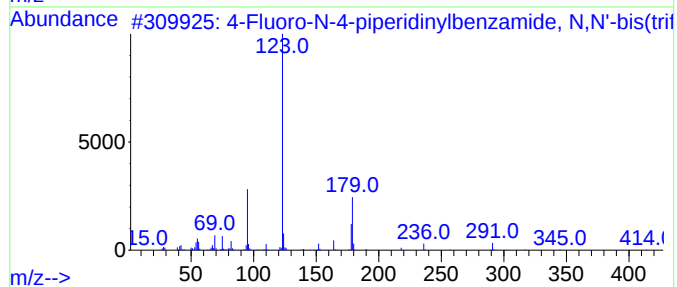
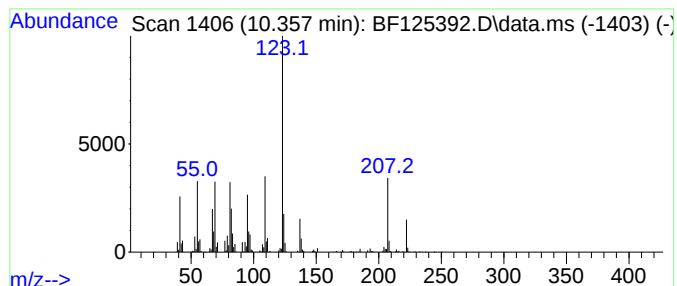
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 unknown10.357 Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.357 | 44.96 ng | 1301620 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | 4-Fluoro-N-4-piperidinylbenzamid... | 414 | C16H13F7N2O3 | 1000470-11-1 | 43   |
| 2    |    |   | 4-Fluorobenzoic acid, 4-pentadec... | 350 | C22H35FO2    | 1000280-68-5 | 43   |
| 3    |    |   | 3-Fluorobenzoic acid, 3-chloropr... | 214 | C10H8ClFO2   | 1000292-61-0 | 43   |
| 4    |    |   | Pentanamide, N-(4-methoxyphenyl)-   | 207 | C12H17NO2    | 1000306-89-3 | 43   |
| 5    |    |   | Ethanone, 1-[3-[2-methyl-2-(5-me... | 222 | C13H18O3     | 080114-28-9  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
Data File : BF125392.D  
Acq On : 7 Sep 2021 17:32  
Operator : JU/CG  
Sample : M3658-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-400027

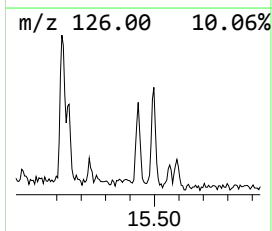
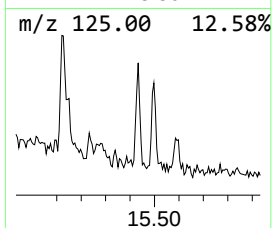
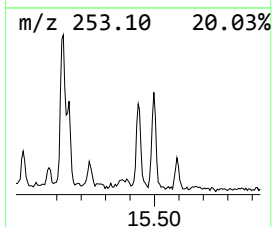
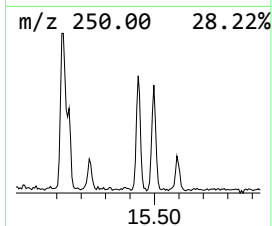
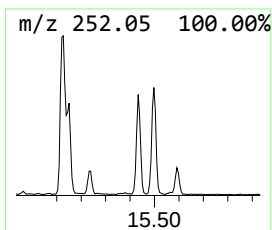
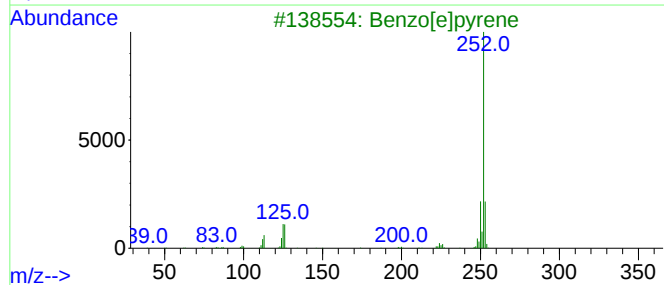
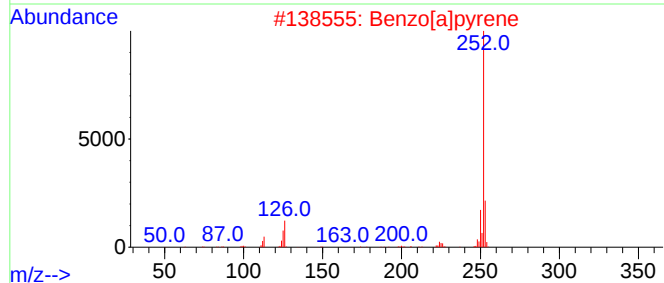
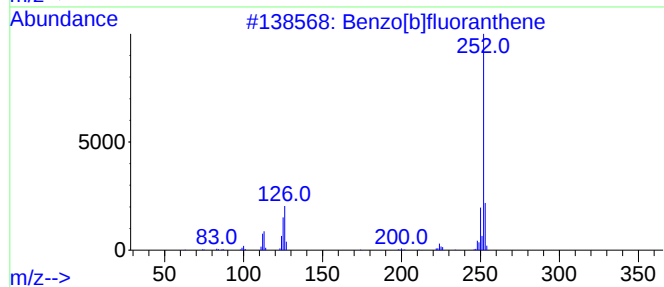
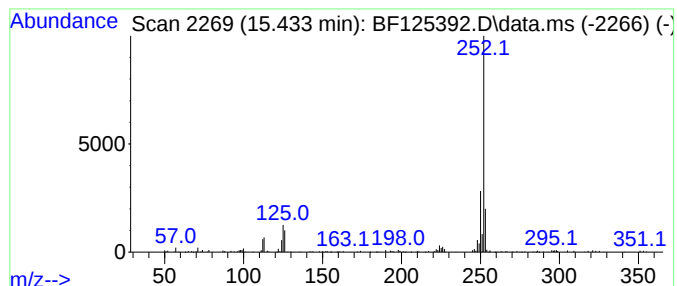
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Benzo[e]pyrene Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.433 | 4.19 ng | 192591 | Perylene-d12     | 15.562 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 91   |
| 2    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 91   |
| 3    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 91   |
| 4    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 89   |
| 5    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
Data File : BF125392.D  
Acq On : 7 Sep 2021 17:32  
Operator : JU/CG  
Sample : M3658-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-400027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

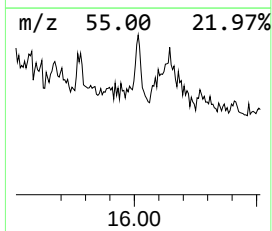
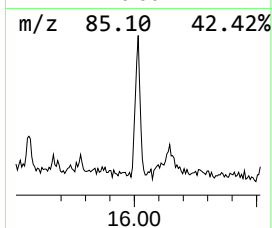
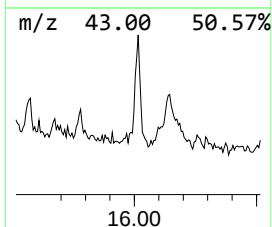
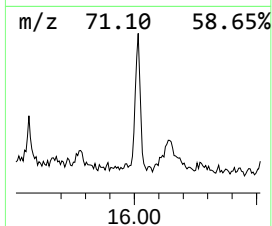
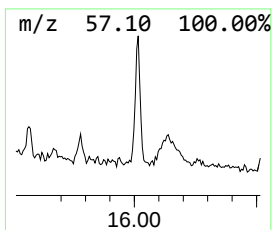
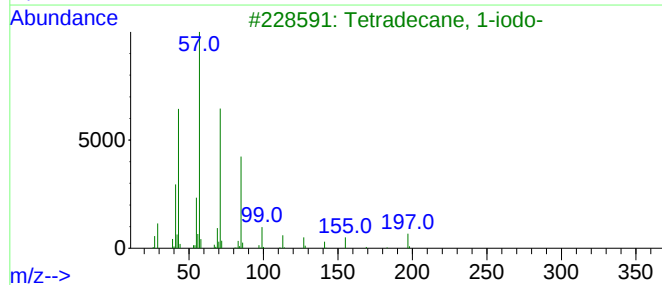
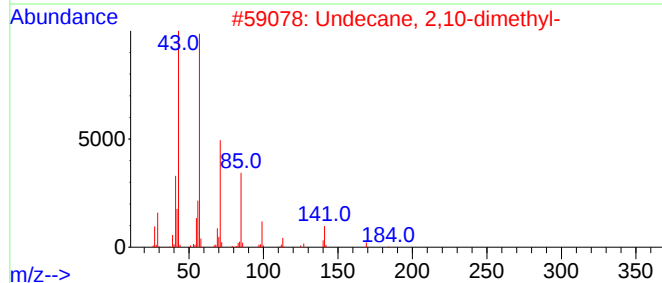
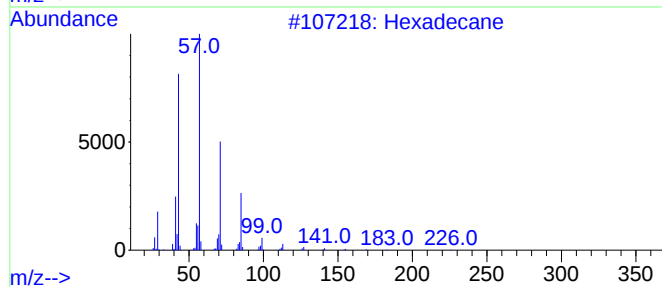
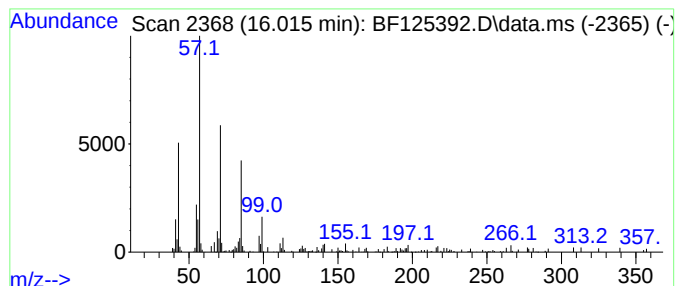
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Peak Number 13 Hexadecane Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.015 | 3.65 ng | 167665 | Perylene-d12     | 15.562 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane               | 226 | C16H34  | 000544-76-3 | 87   |
| 2    |      | Undecane, 2,10-dimethyl- | 184 | C13H28  | 017301-27-8 | 80   |
| 3    |      | Tetradecane, 1-iodo-     | 324 | C14H29I | 019218-94-1 | 80   |
| 4    |      | Octadecane               | 254 | C18H38  | 000593-45-3 | 80   |
| 5    |      | Heptadecane              | 240 | C17H36  | 000629-78-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
Data File : BF125392.D  
Acq On : 7 Sep 2021 17:32  
Operator : JU/CG  
Sample : M3658-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-400027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.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... | 2.181  | 36.8    | ng    | 1317490  | 1                     | 6.898  | 715486 | 20.0 |
| Ethanol, 2-(2-b... | 8.092  | 5.4     | ng    | 219109   | 2                     | 8.181  | 805793 | 20.0 |
| Decahydro-1,1,4... | 9.328  | 14.2    | ng    | 411688   | 3                     | 9.939  | 578954 | 20.0 |
| unknown9.575       | 9.575  | 13.8    | ng    | 398488   | 3                     | 9.939  | 578954 | 20.0 |
| 2-Pentanone, 4-... | 9.645  | 34.6    | ng    | 1002880  | 3                     | 9.939  | 578954 | 20.0 |
| unknown9.698       | 9.698  | 16.8    | ng    | 485337   | 3                     | 9.939  | 578954 | 20.0 |
| 2,5-Cyclohexadi... | 9.751  | 10.3    | ng    | 299142   | 3                     | 9.939  | 578954 | 20.0 |
| unknown9.804       | 9.804  | 45.1    | ng    | 1305470  | 3                     | 9.939  | 578954 | 20.0 |
| unknown9.851       | 9.851  | 52.2    | ng    | 1510410  | 3                     | 9.939  | 578954 | 20.0 |
| 1-(2,2,6-Trimet... | 9.886  | 20.0    | ng    | 578954   | 3                     | 9.939  | 578954 | 20.0 |
| unknown10.357      | 10.357 | 45.0    | ng    | 1301620  | 3                     | 9.939  | 578954 | 20.0 |
| Benzo[e]pyrene     | 15.433 | 4.2     | ng    | 192591   | 6                     | 15.562 | 918748 | 20.0 |
| Hexadecane         | 16.015 | 3.6     | ng    | 167665   | 6                     | 15.562 | 918748 | 20.0 |