

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
 Data File : BP006689.D  
 Acq On : 16 Aug 2021 18:38  
 Operator : CG/JU  
 Sample : M3374-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DEWATERING-DISCHARGE

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\_P\Methods\8270E-BP080321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006689.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.858       | 296           | 301         | 307          | rBV      | 223612         | 315590        | 2.77%           | 0.555%        |
| 2         | 5.305       | 372           | 377         | 386          | rVB      | 2601330        | 3743251       | 32.84%          | 6.579%        |
| 3         | 6.887       | 640           | 646         | 658          | rVB      | 1863407        | 2832945       | 24.85%          | 4.979%        |
| 4         | 7.093       | 677           | 681         | 692          | rVB      | 107104         | 198726        | 1.74%           | 0.349%        |
| 5         | 7.705       | 779           | 785         | 791          | rBV      | 725341         | 1098522       | 9.64%           | 1.931%        |
| 6         | 8.069       | 841           | 847         | 853          | rBV      | 174032         | 271760        | 2.38%           | 0.478%        |
| 7         | 8.193       | 863           | 868         | 872          | rBV      | 115980         | 171174        | 1.50%           | 0.301%        |
| 8         | 8.804       | 966           | 972         | 976          | rBV      | 311320         | 492987        | 4.32%           | 0.866%        |
| 9         | 8.863       | 976           | 982         | 991          | rVB      | 2429092        | 4325909       | 37.95%          | 7.603%        |
| 10        | 9.322       | 1055          | 1060        | 1066         | rVV      | 202072         | 307576        | 2.70%           | 0.541%        |
| 11        | 9.381       | 1066          | 1070        | 1076         | rVB      | 113282         | 168690        | 1.48%           | 0.296%        |
| 12        | 9.887       | 1150          | 1156        | 1166         | rVB2     | 519196         | 919035        | 8.06%           | 1.615%        |
| 13        | 10.287      | 1217          | 1224        | 1234         | rBV      | 401472         | 699892        | 6.14%           | 1.230%        |
| 14        | 10.410      | 1234          | 1245        | 1248         | rVV5     | 44298          | 154013        | 1.35%           | 0.271%        |
| 15        | 10.487      | 1248          | 1258        | 1264         | rVV      | 992946         | 1919087       | 16.83%          | 3.373%        |
| 16        | 10.540      | 1264          | 1267        | 1274         | rVV5     | 130071         | 287609        | 2.52%           | 0.505%        |
| 17        | 10.604      | 1274          | 1278        | 1288         | rVB      | 112303         | 191295        | 1.68%           | 0.336%        |
| 18        | 11.110      | 1359          | 1364        | 1368         | rBV      | 162318         | 262164        | 2.30%           | 0.461%        |
| 19        | 11.404      | 1409          | 1414        | 1421         | rVB      | 86863          | 153853        | 1.35%           | 0.270%        |
| 20        | 12.045      | 1518          | 1523        | 1529         | rVB3     | 72164          | 130637        | 1.15%           | 0.230%        |
| 21        | 12.381      | 1573          | 1580        | 1584         | rBV5     | 92041          | 174541        | 1.53%           | 0.307%        |
| 22        | 12.557      | 1604          | 1610        | 1617         | rBV6     | 55314          | 123088        | 1.08%           | 0.216%        |
| 23        | 12.969      | 1672          | 1680        | 1686         | rVB      | 5330260        | 7539331       | 66.14%          | 13.250%       |
| 24        | 13.475      | 1761          | 1766        | 1770         | rBV2     | 91560          | 150405        | 1.32%           | 0.264%        |
| 25        | 13.575      | 1778          | 1783        | 1788         | rVB2     | 94132          | 140437        | 1.23%           | 0.247%        |
| 26        | 14.345      | 1908          | 1914        | 1920         | rVB      | 1378774        | 1970823       | 17.29%          | 3.464%        |
| 27        | 14.839      | 1992          | 1998        | 2002         | rBV2     | 77542          | 118721        | 1.04%           | 0.209%        |
| 28        | 15.845      | 2162          | 2169        | 2177         | rBV      | 4456676        | 6177476       | 54.19%          | 10.857%       |
| 29        | 17.104      | 2377          | 2383        | 2389         | rBV      | 1644598        | 2355773       | 20.67%          | 4.140%        |
| 30        | 17.945      | 2521          | 2526        | 2532         | rVB      | 195288         | 301071        | 2.64%           | 0.529%        |
| 31        | 18.016      | 2533          | 2538        | 2547         | rBV      | 596785         | 885686        | 7.77%           | 1.557%        |
| 32        | 19.257      | 2745          | 2749        | 2762         | rBV      | 395443         | 578050        | 5.07%           | 1.016%        |
| 33        | 19.616      | 2806          | 2810        | 2815         | rBV      | 141348         | 200517        | 1.76%           | 0.352%        |
| 34        | 19.686      | 2817          | 2822        | 2827         | rVV      | 9782836        | 11399575      | 100.00%         | 20.035%       |
| 35        | 20.610      | 2975          | 2979        | 2985         | rVB      | 168343         | 209493        | 1.84%           | 0.368%        |
| 36        | 20.945      | 3032          | 3036        | 3038         | rBV      | 222093         | 315530        | 2.77%           | 0.555%        |

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Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

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\_P\Methods\8270E-BP080321.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 37 | 21.210 | 3076 | 3081 | 3086 | rBV | 2245818 | 2734840 | 23.99% | 4.806% |
| 38 | 23.527 | 3468 | 3475 | 3484 | rVB | 1477192 | 2879351 | 25.26% | 5.060% |

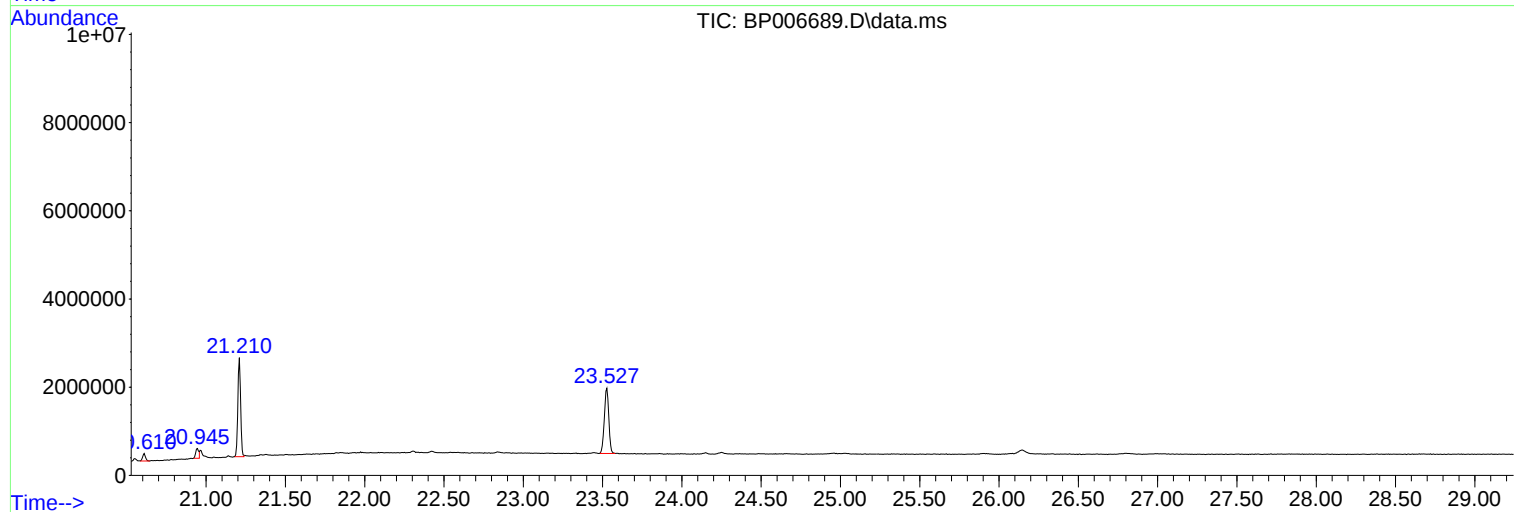
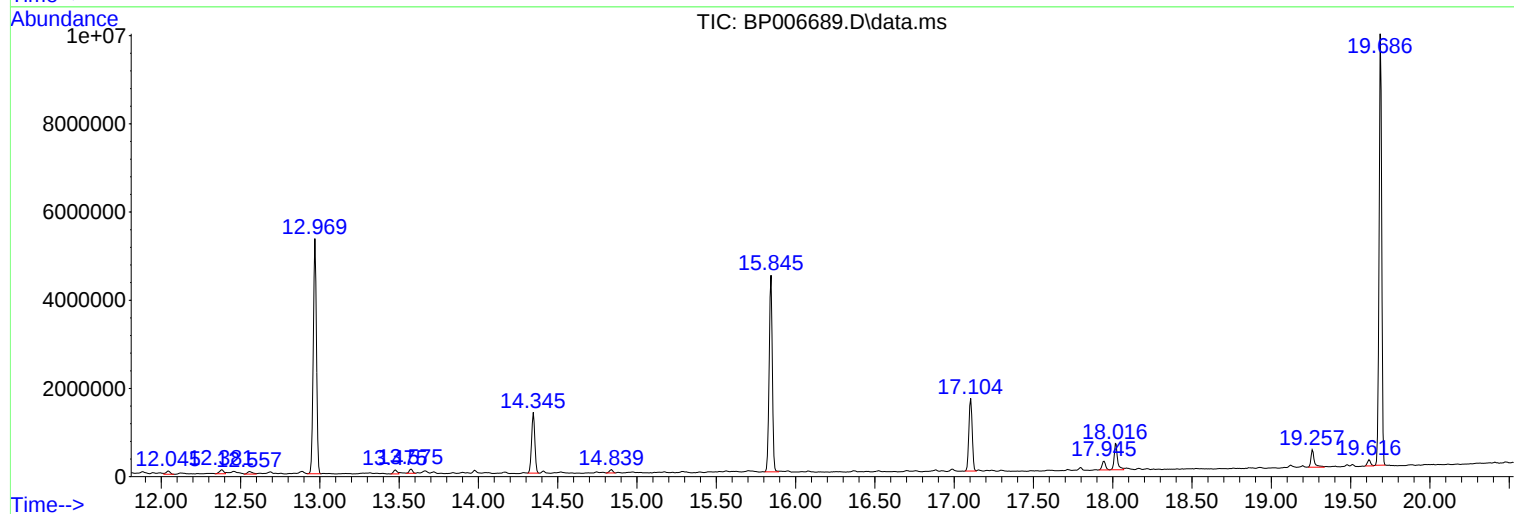
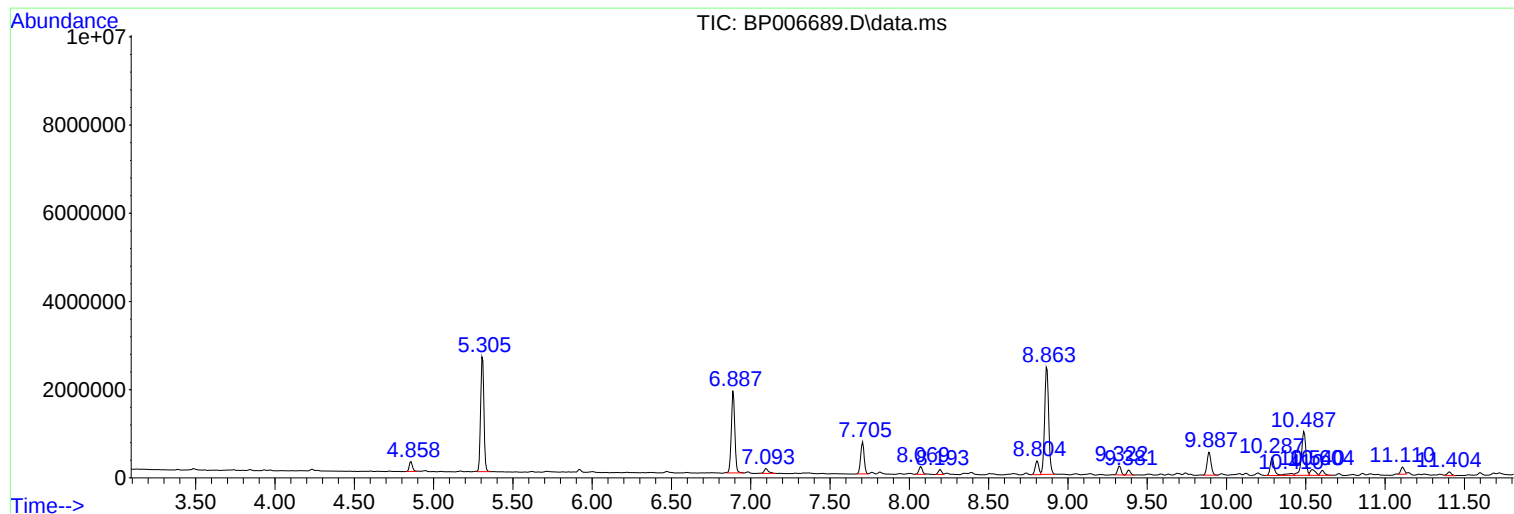
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Sample : M3374-01  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

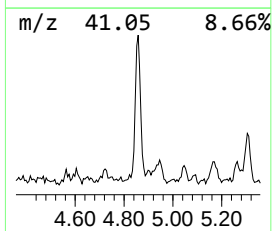
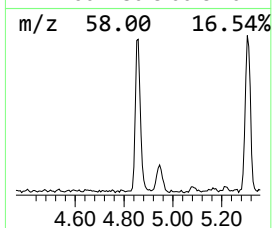
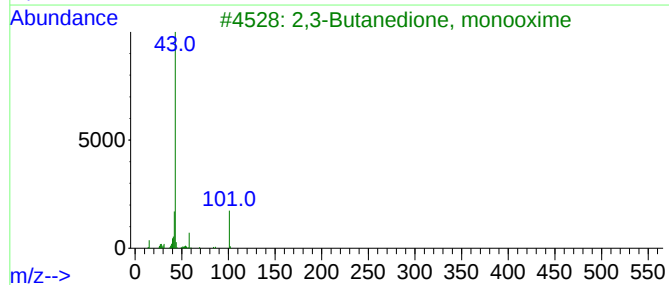
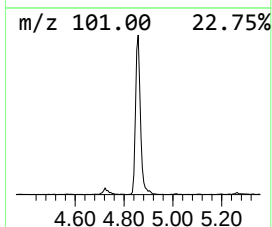
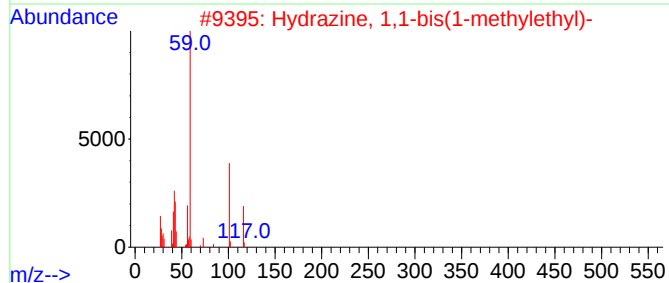
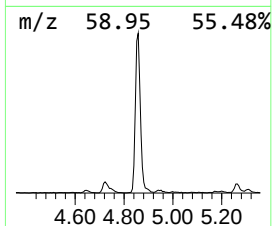
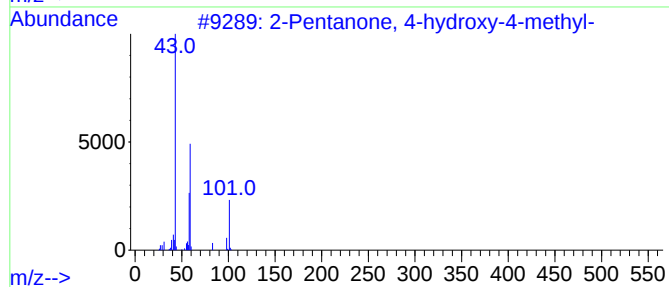
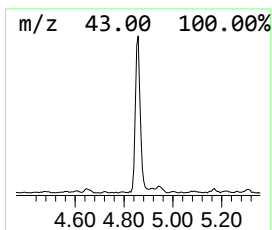
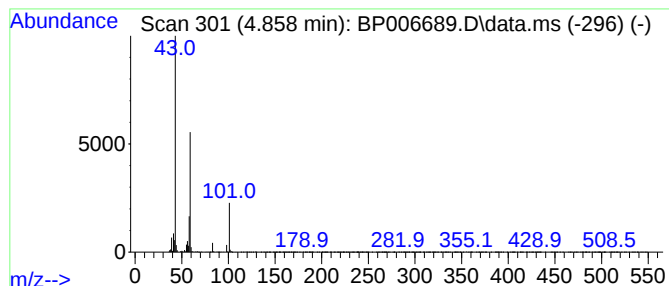
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.858 | 5.75 ng | 315590 | 1,4-Dichlorobenzene-d4 | 7.705 |

| Hit# | of                                 | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2      | 000921-14-2 | 28      |      |      |
| 3    | 2,3-Butanedione, monooxime         | 101 | C4H7NO2      | 000057-71-6 | 25      |      |      |
| 4    | 2-Hexanol, 2-methyl-               | 116 | C7H16O       | 000625-23-0 | 25      |      |      |
| 5    | Butyl aldoxime, 3-methyl-, syn-    | 101 | C5H11NO      | 005780-40-5 | 17      |      |      |



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BNA\_P  
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DEWATERING-DISCHARGE

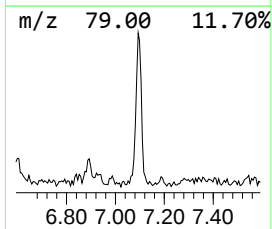
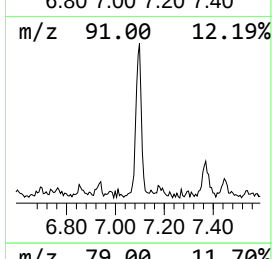
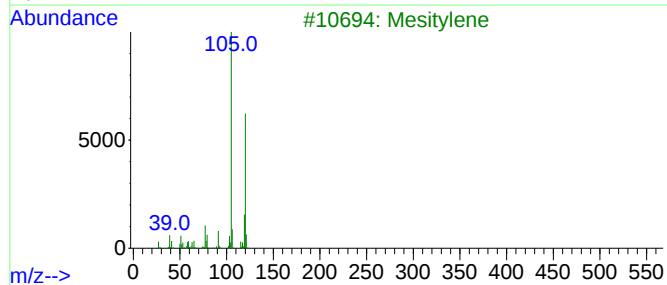
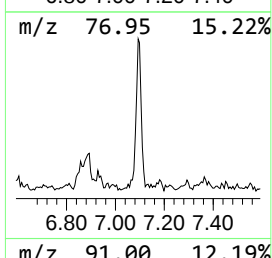
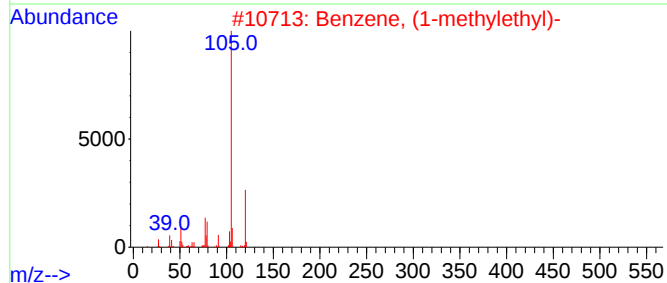
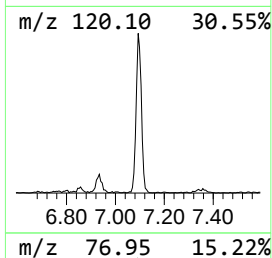
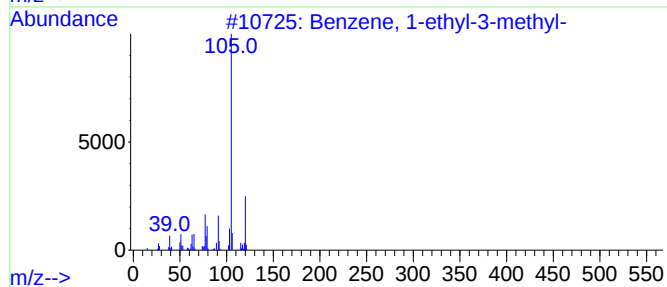
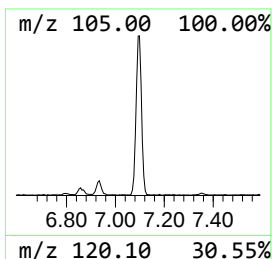
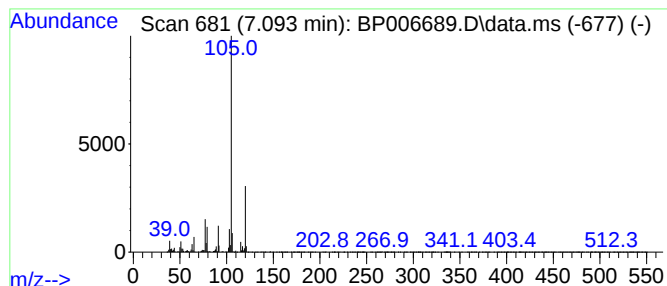
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.093 | 3.62 ng | 198726 | 1,4-Dichlorobenzene-d4 | 7.705 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 2    |    |   | Benzene, (1-methylethyl)-  | 120 | C9H12   | 000098-82-8 | 91   |
| 3    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |



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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

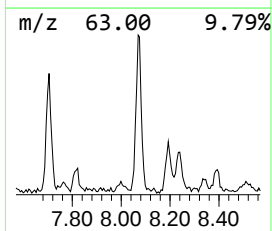
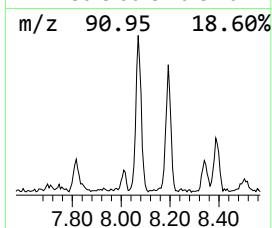
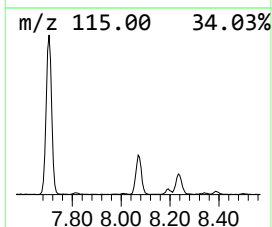
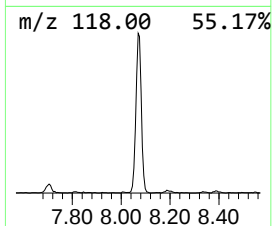
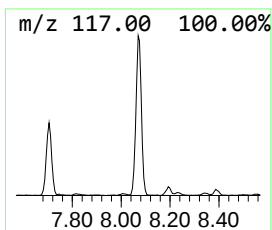
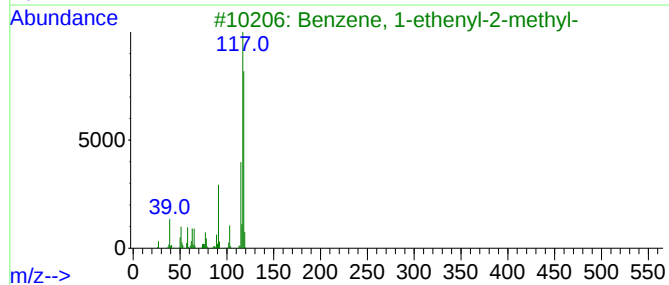
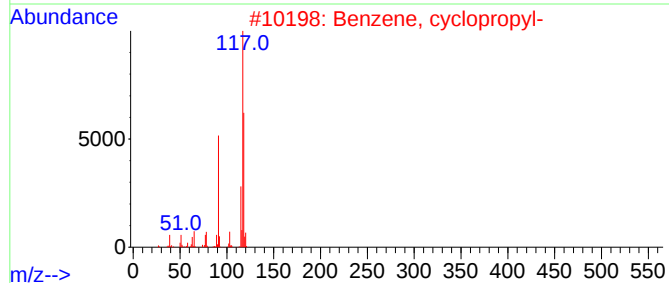
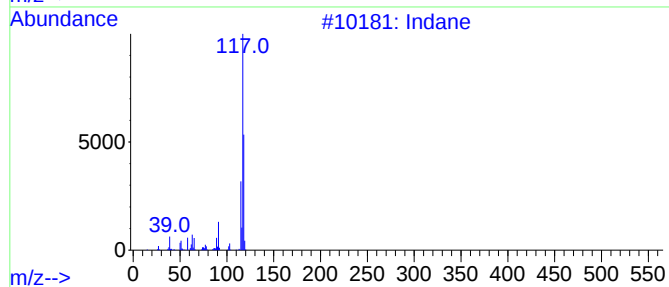
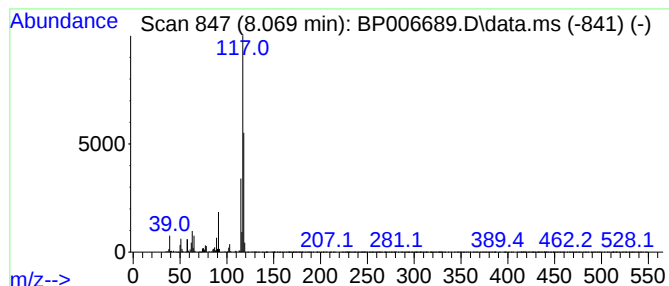
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Indane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 8.069 | 4.95 ng | 271760 | 1,4-Dichlorobenzene-d4 | 7.705 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indane                          | 118 | C9H10   | 000496-11-7 | 94   |
| 2    |    |   | Benzene, cyclopropyl-           | 118 | C9H10   | 000873-49-4 | 64   |
| 3    |    |   | Benzene, 1-ethenyl-2-methyl-    | 118 | C9H10   | 000611-15-4 | 60   |
| 4    |    |   | Delta-cyclene                   | 118 | C9H10   | 007785-10-6 | 59   |
| 5    |    |   | Benzene, (3-chloro-1-propenyl)- | 152 | C9H9Cl  | 002687-12-9 | 53   |



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Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

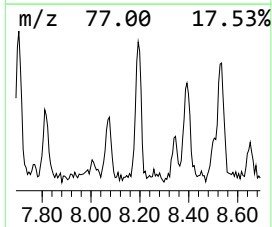
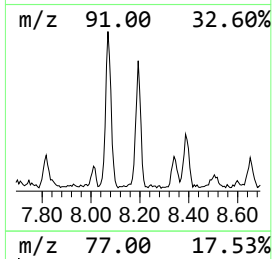
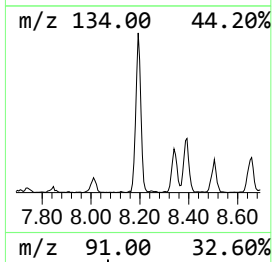
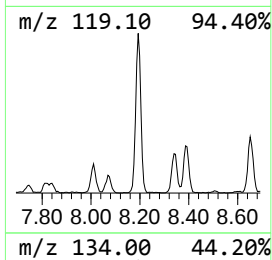
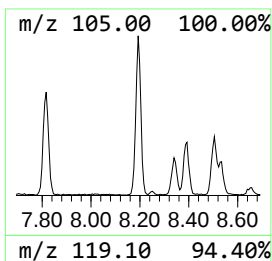
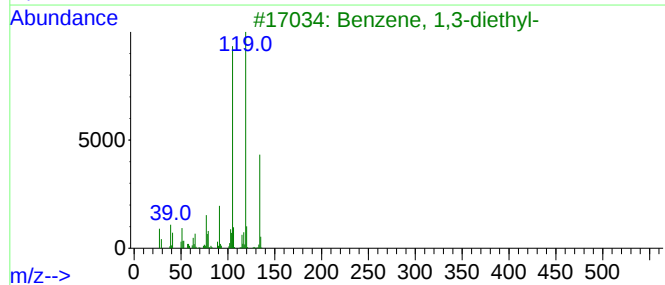
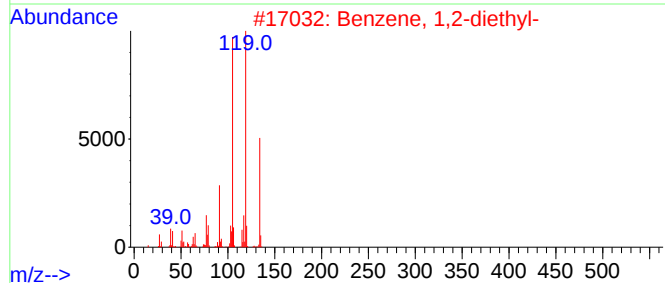
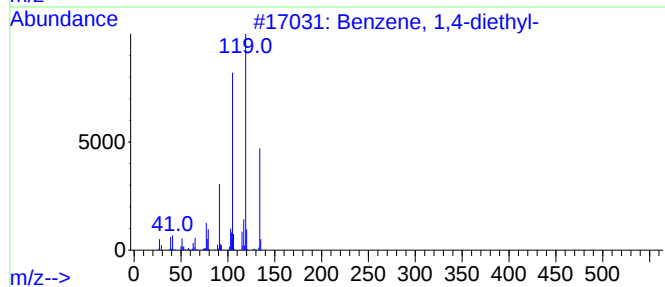
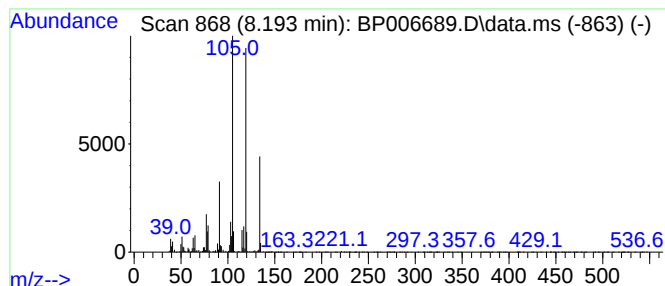
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 8.193 | 3.12 ng | 171174 | 1,4-Dichlorobenzene-d4 | 7.705 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 95   |
| 2    |    |   | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 95   |
| 3    |    |   | Benzene, 1,3-diethyl-          | 134 | C10H14  | 000141-93-5 | 94   |
| 4    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 90   |
| 5    |    |   | 1,3,8-p-Menthatriene           | 134 | C10H14  | 018368-95-1 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

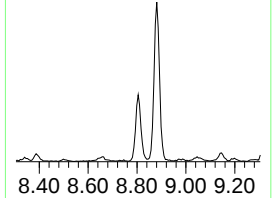
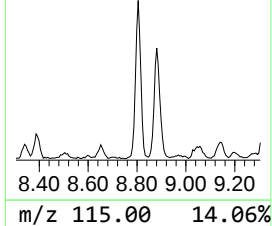
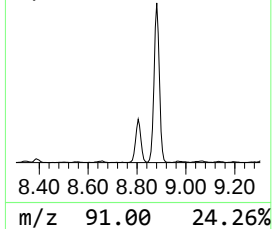
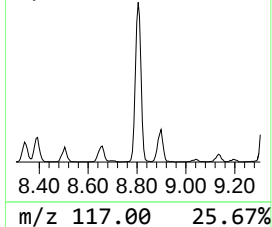
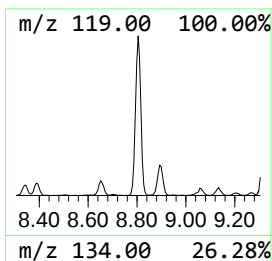
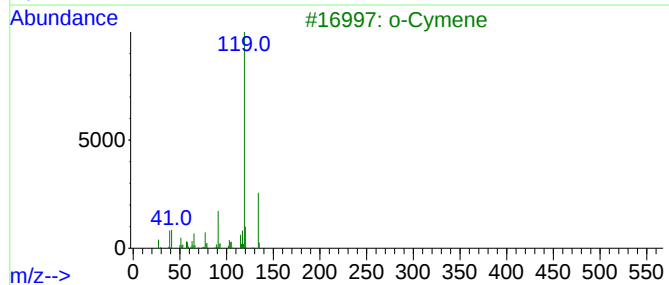
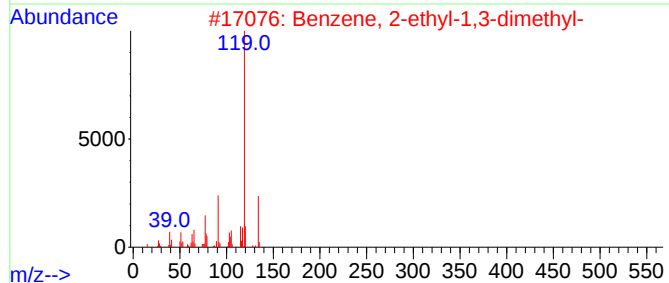
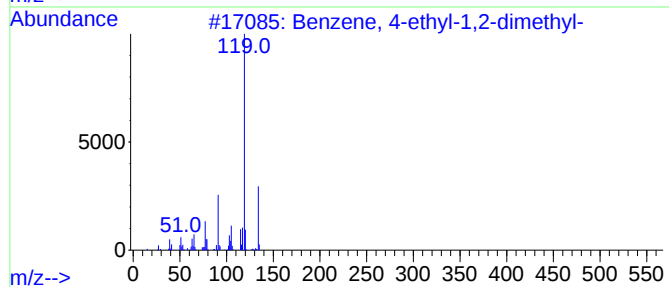
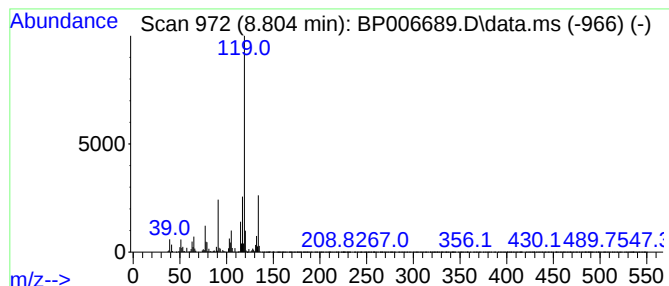
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 8.804 | 8.98 ng | 492987 | 1,4-Dichlorobenzene-d4 | 7.705 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 94   |
| 2    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 94   |
| 3    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 93   |
| 4    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 93   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

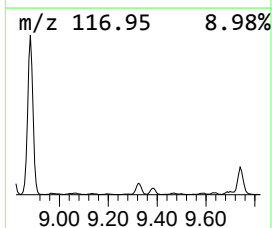
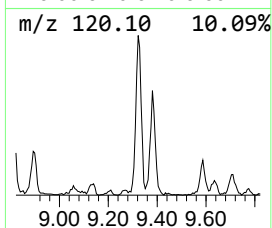
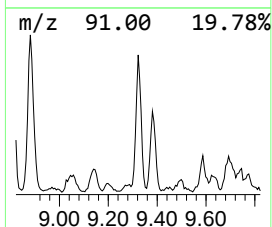
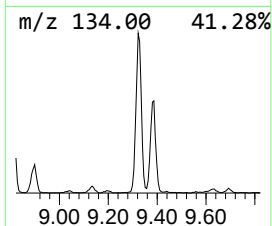
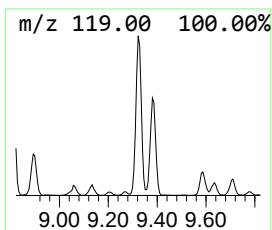
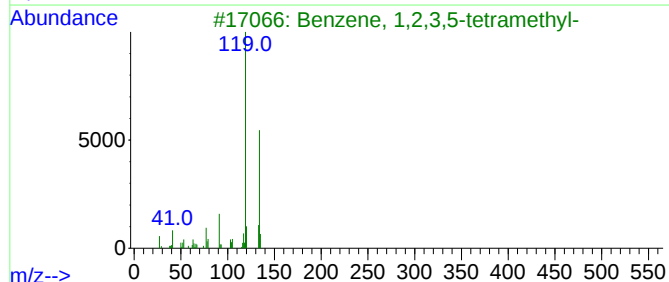
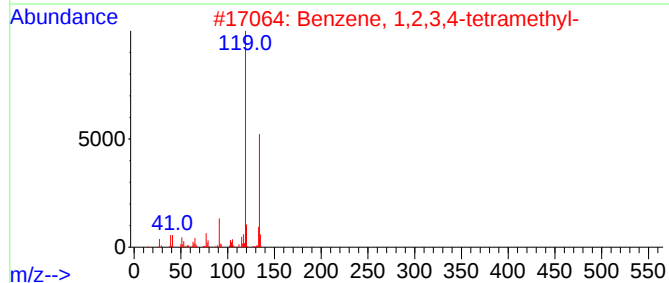
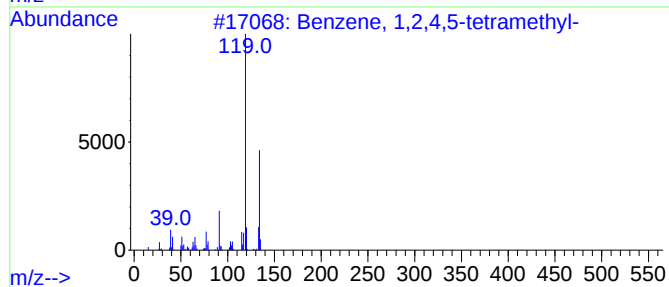
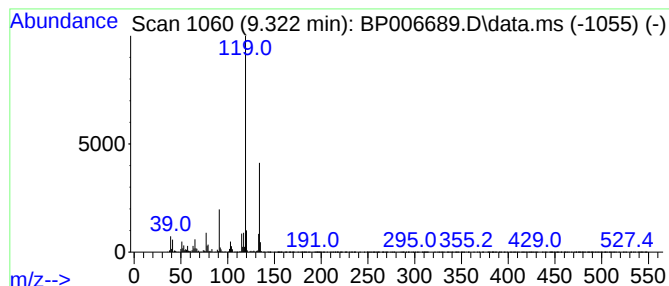
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.   |
|-------|---------|--------|------------------|--------|
| 9.322 | 3.21 ng | 307576 | Naphthalene-d8   | 10.487 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 95   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 95   |
| 3    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 94   |
| 4    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 91   |
| 5    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

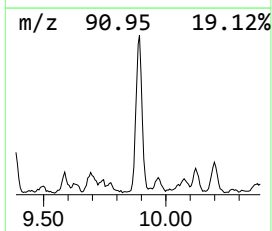
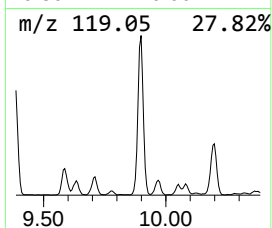
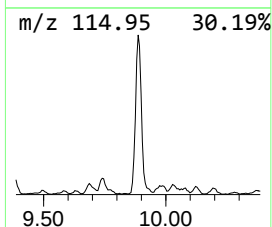
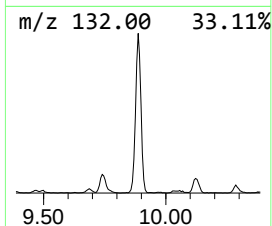
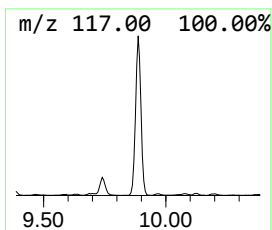
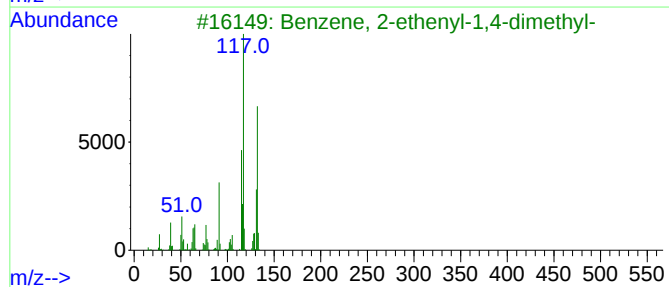
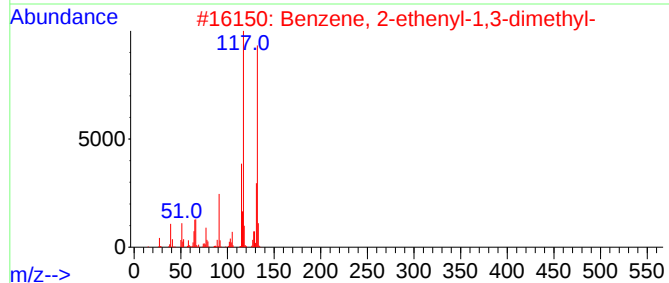
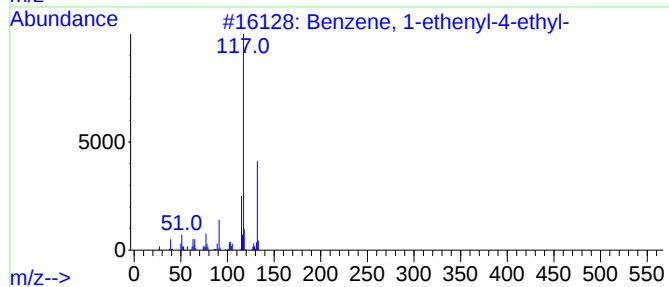
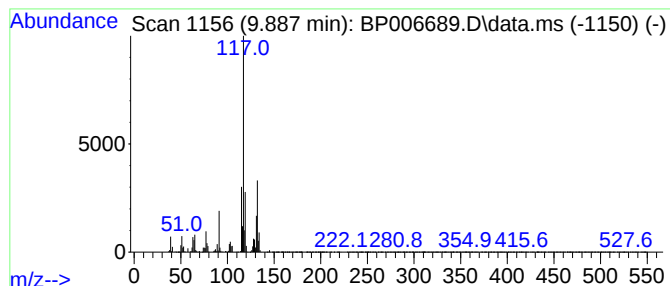
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.   |
|-------|---------|--------|------------------|--------|
| 9.887 | 9.58 ng | 919035 | Naphthalene-d8   | 10.487 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-4-ethyl-         | 132 | C10H12  | 003454-07-7 | 93   |
| 2    |    |   | Benzene, 2-ethenyl-1,3-dimethyl-    | 132 | C10H12  | 002039-90-9 | 93   |
| 3    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 90   |
| 4    |    |   | 2,4-Dimethylstyrene                 | 132 | C10H12  | 002234-20-0 | 90   |
| 5    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

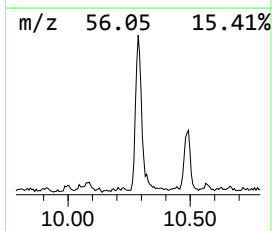
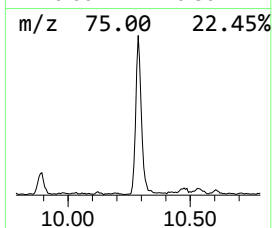
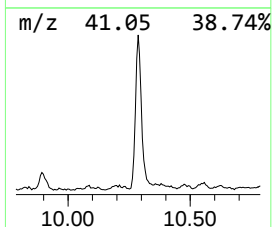
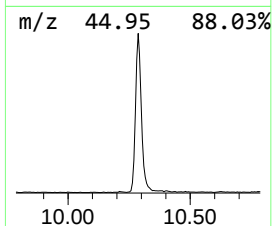
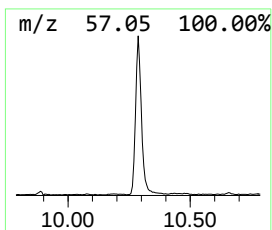
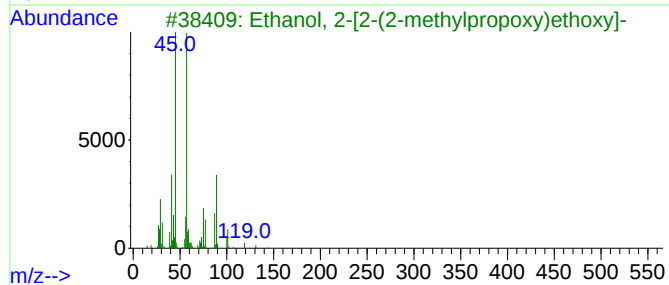
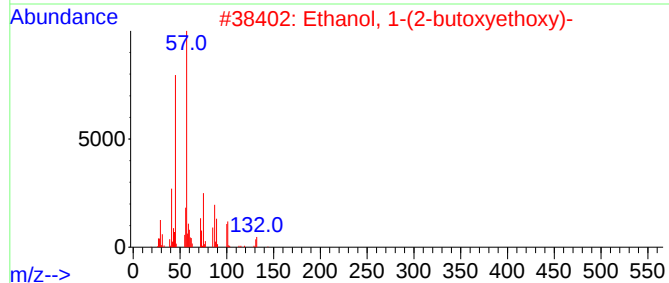
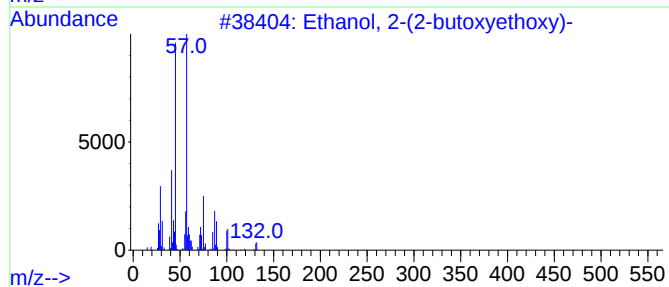
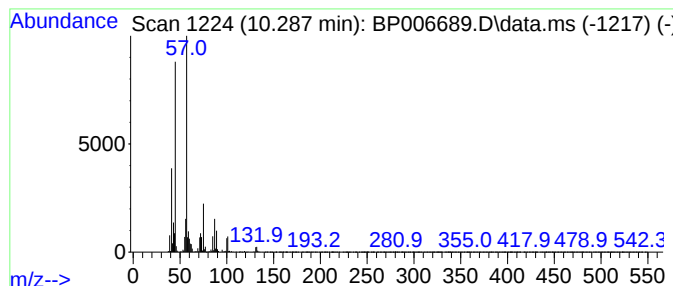
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.287 | 7.29 ng | 699892 | Naphthalene-d8   | 10.487 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 83   |
| 3    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 78   |
| 4    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 64   |
| 5    |    |   | Di-sec-Butyl ether                  | 130 | C8H18O  | 006863-58-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

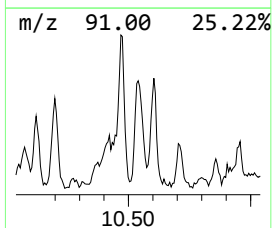
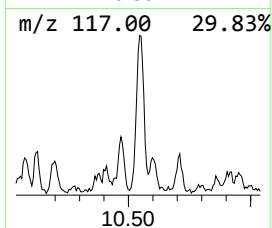
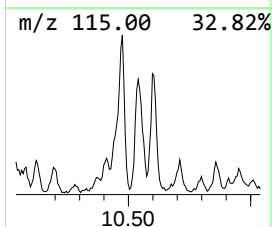
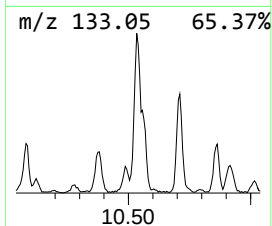
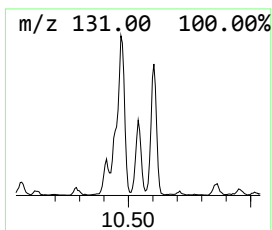
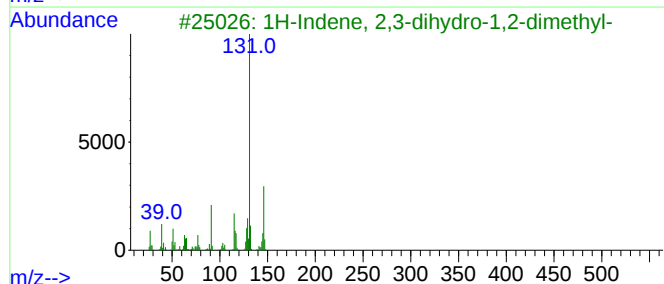
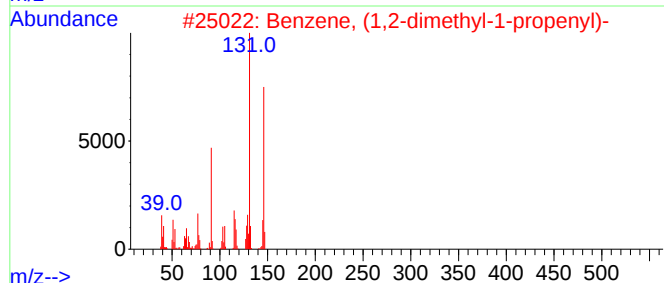
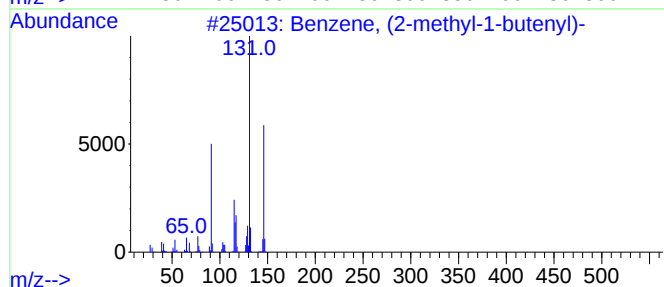
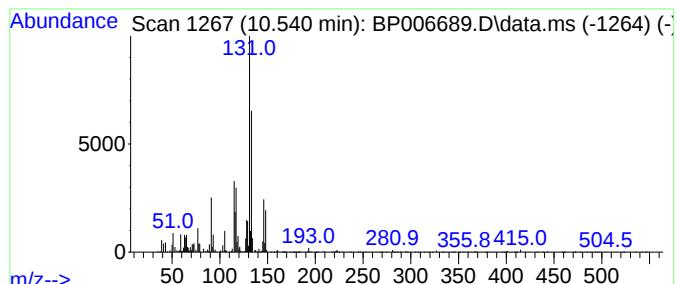
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.540 | 3.00 ng | 287609 | Naphthalene-d8   | 10.487 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 83   |
| 2    |    |   | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 58   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 53   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14  | 052161-57-6 | 53   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

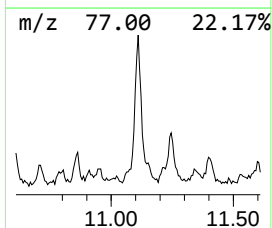
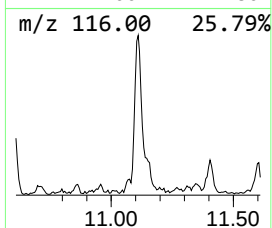
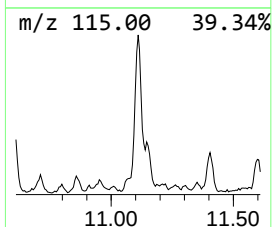
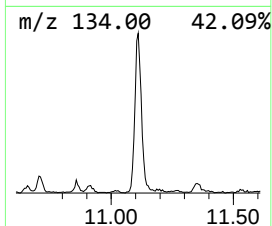
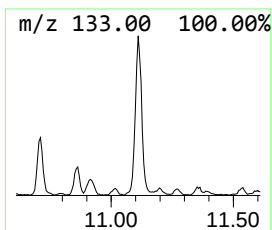
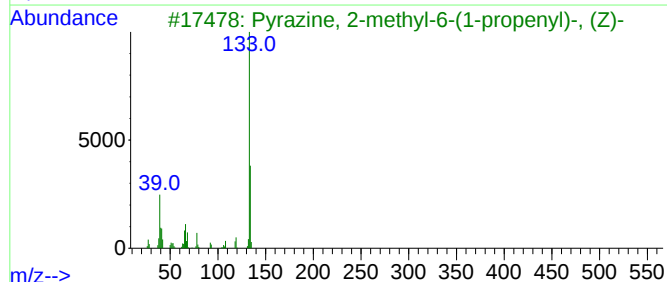
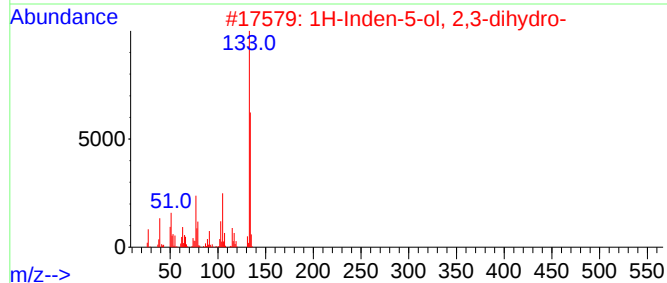
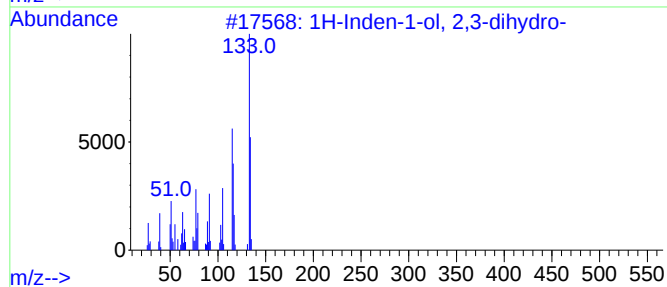
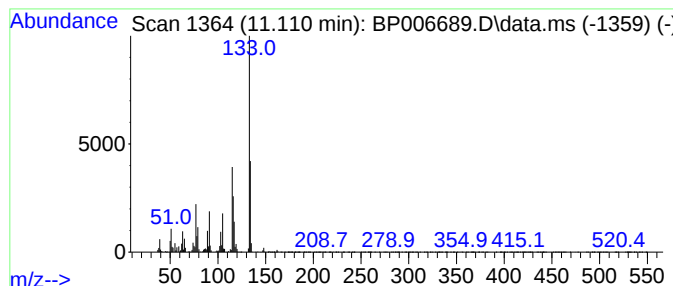
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.110 | 2.73 ng | 262164 | Naphthalene-d8   | 10.487 |

| Hit# | of | 5 | Tentative ID                             | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1H-Inden-1-ol, 2,3-dihydro-              | 134 | C9H10O   | 006351-10-6  | 94   |
| 2    |    |   | 1H-Inden-5-ol, 2,3-dihydro-              | 134 | C9H10O   | 001470-94-6  | 64   |
| 3    |    |   | Pyrazine, 2-methyl-6-(1-propenyl)-, (Z)- | 134 | C8H10N2  | 055138-67-5  | 46   |
| 4    |    |   | Pyrazine, 2-methyl-6-(1-propenyl)-, (Z)- | 134 | C8H10N2  | 018217-81-7  | 46   |
| 5    |    |   | 4-Ethylbenzoic acid, 2-methylphe...      | 240 | C16H16O2 | 1000293-61-2 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

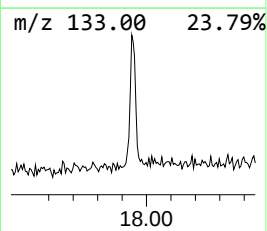
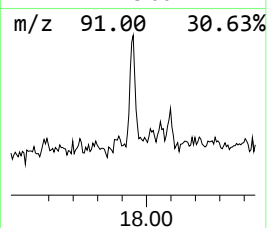
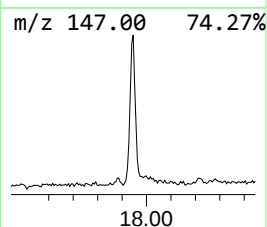
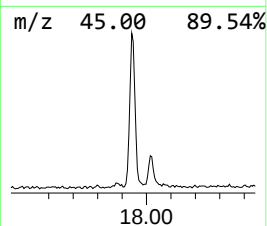
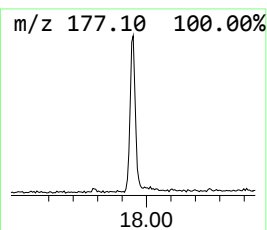
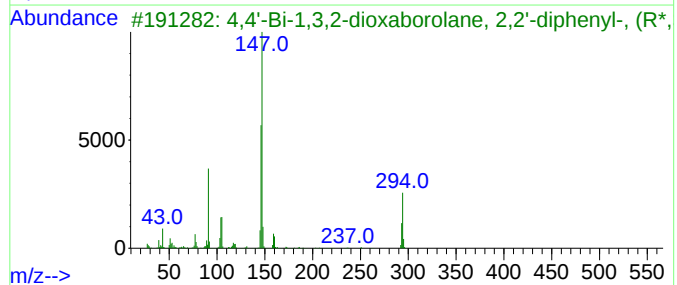
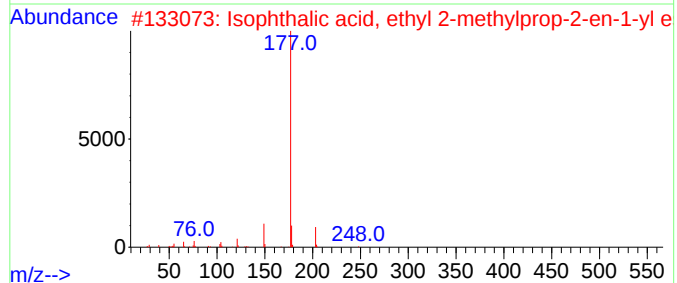
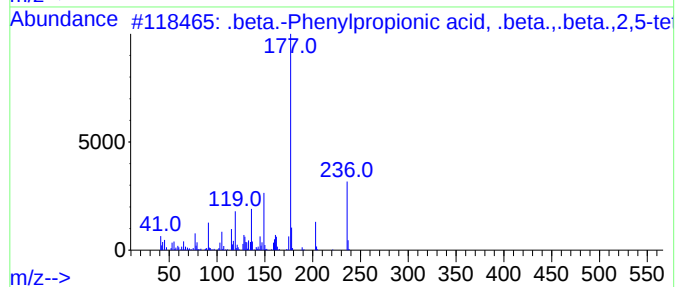
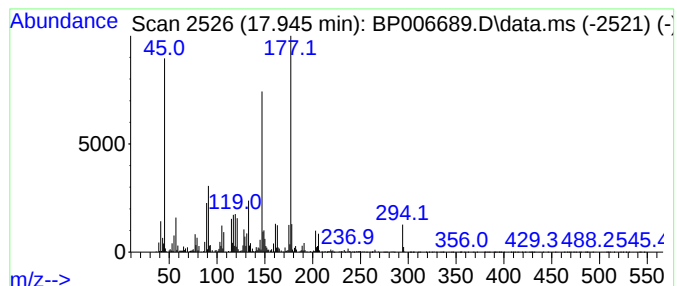
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 unknown17.945 Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.945 | 2.56 ng | 301071 | Phenanthrene-d10 | 17.104 |

| Hit# | of                                  | 5                                  | Tentative ID | MW           | MolForm     | CAS# | Qual |
|------|-------------------------------------|------------------------------------|--------------|--------------|-------------|------|------|
| 1    | .                                   | beta.-Phenylpropionic acid, .be... | 236          | C14H20O3     | 186317-88-4 | 22   |      |
| 2    | Isophthalic acid, ethyl 2-methyl... | 248                                | C14H16O4     | 1000343-94-4 | 20          |      |      |
| 3    | 4,4'-Bi-1,3,2-dioxaborolane, 2,2... | 294                                | C16H16B2O4   | 071166-92-2  | 20          |      |      |
| 4    | Formamide, N-(p-methoxy-trans-st... | 177                                | C10H11NO2    | 002501-37-3  | 18          |      |      |
| 5    | Disiloxane, ethylpentamethyl-       | 176                                | C7H20OSi2    | 006231-60-3  | 14          |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

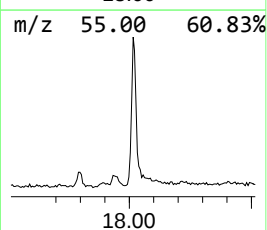
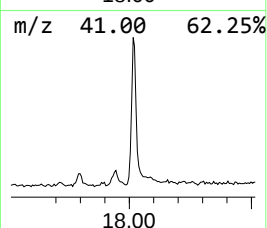
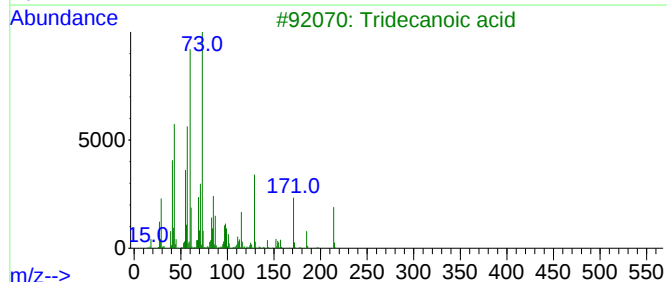
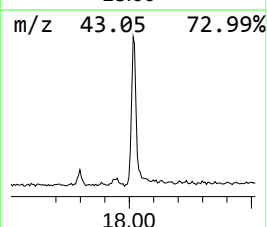
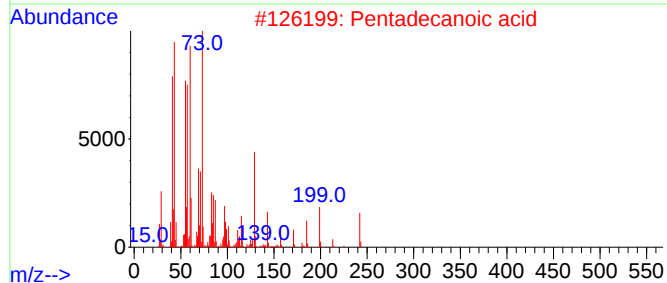
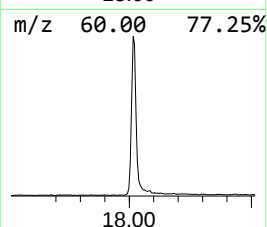
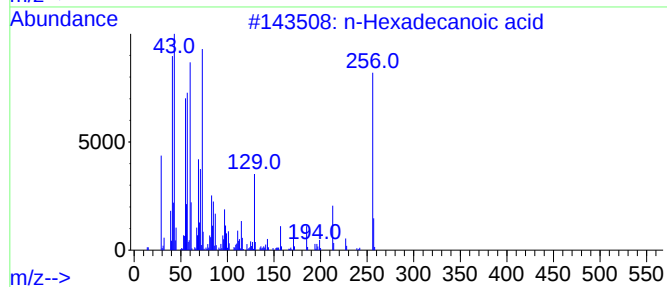
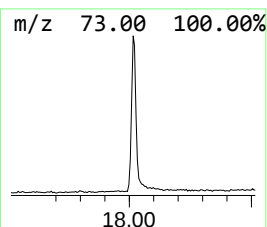
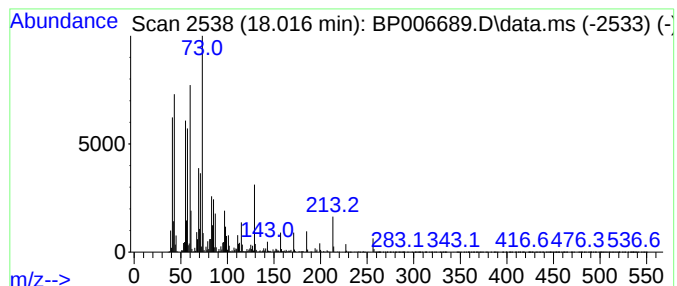
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.016 | 7.52 ng | 885686 | Phenanthrene-d10 | 17.104 |

| 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 | 90   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 64   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

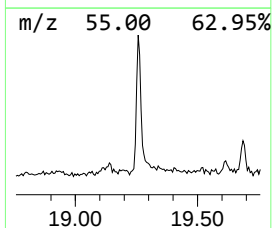
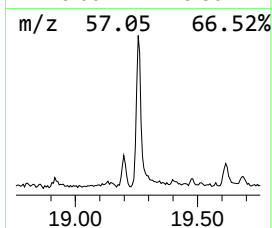
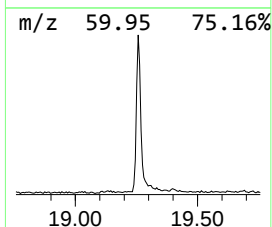
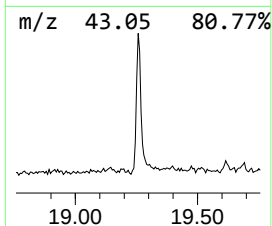
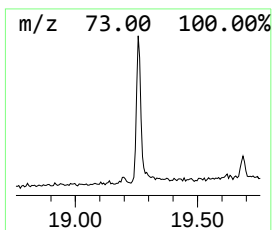
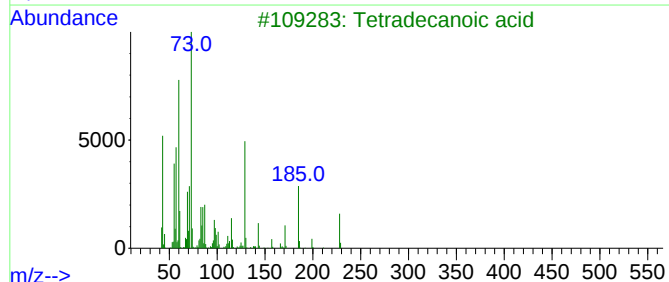
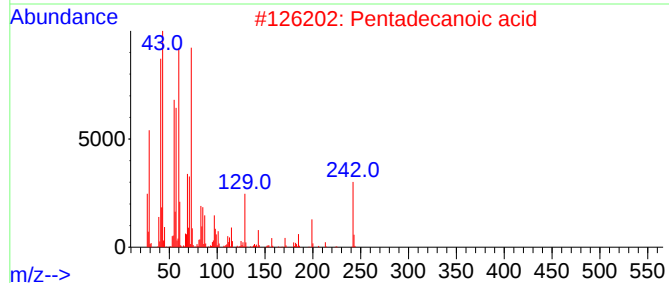
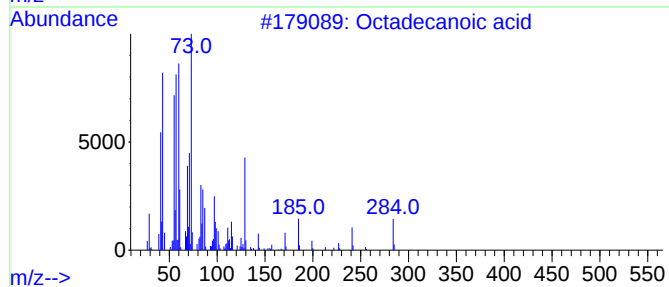
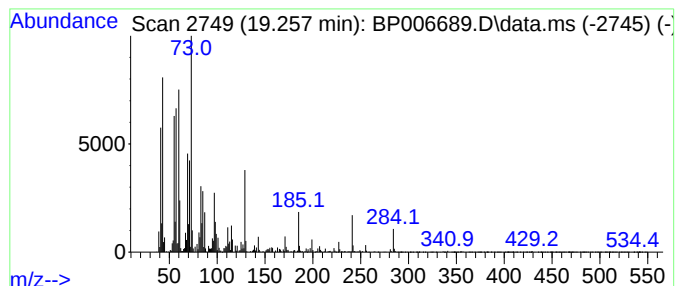
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Octadecanoic acid Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.257 | 4.23 ng | 578050 | Chrysene-d12     | 21.210 |

| 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 | 91   |
| 3    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 70   |
| 4    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 64   |
| 5    |    |   | n-Decanoic acid                     | 172 | C10H20O2 | 000334-48-5 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

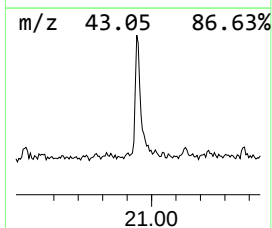
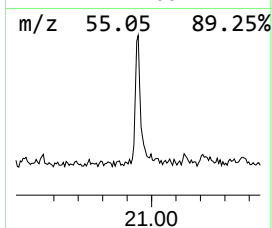
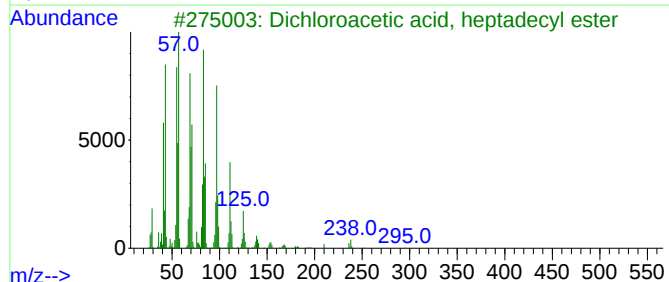
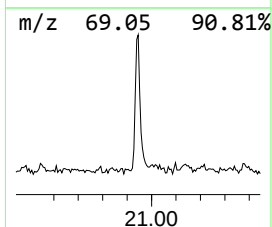
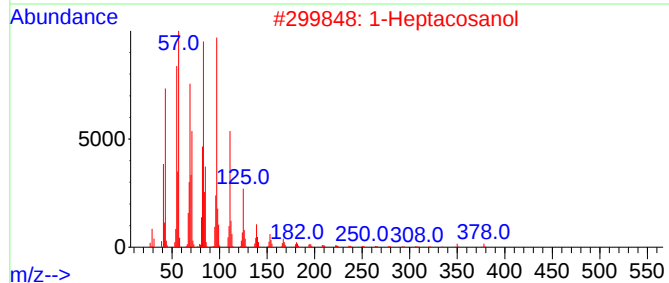
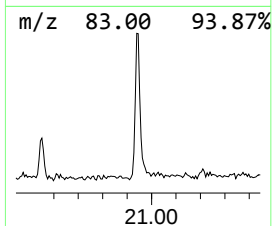
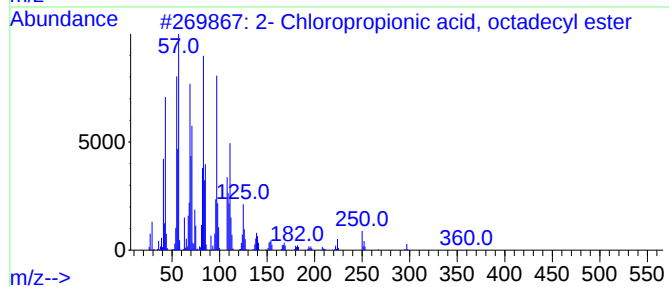
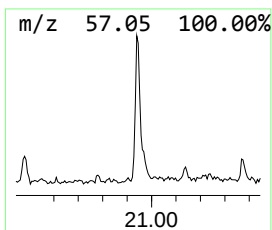
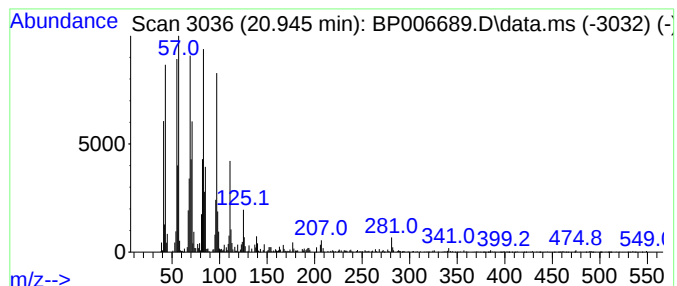
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 2- Chloropropionic acid, oc... Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.945 | 2.31 ng | 315530 | Chrysene-d12     | 21.210 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2  | 088104-31-8  | 95   |
| 2    |    |   | 1-Heptacosanol                      | 396 | C27H56O     | 002004-39-9  | 94   |
| 3    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94   |
| 4    |    |   | Octacosyl acetate                   | 452 | C30H60O2    | 018206-97-8  | 92   |
| 5    |    |   | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
Data File : BP006689.D  
Acq On : 16 Aug 2021 18:38  
Operator : CG/JU  
Sample : M3374-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DEWATERING-DISCHARGE

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.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 |
| 2-Pentanone, 4-... | 4.858  | 5.8     | ng    | 315590   | 1                     | 7.705  | 1098520 | 20.0 |
| Benzene, 1-ethy... | 7.093  | 3.6     | ng    | 198726   | 1                     | 7.705  | 1098520 | 20.0 |
| Indane             | 8.069  | 5.0     | ng    | 271760   | 1                     | 7.705  | 1098520 | 20.0 |
| Benzene, 1,4-di... | 8.193  | 3.1     | ng    | 171174   | 1                     | 7.705  | 1098520 | 20.0 |
| Benzene, 4-ethy... | 8.804  | 9.0     | ng    | 492987   | 1                     | 7.705  | 1098520 | 20.0 |
| Benzene, 1,2,4,... | 9.322  | 3.2     | ng    | 307576   | 2                     | 10.487 | 1919090 | 20.0 |
| Benzene, 1-ethe... | 9.887  | 9.6     | ng    | 919035   | 2                     | 10.487 | 1919090 | 20.0 |
| Ethanol, 2-(2-b... | 10.287 | 7.3     | ng    | 699892   | 2                     | 10.487 | 1919090 | 20.0 |
| Benzene, (2-met... | 10.540 | 3.0     | ng    | 287609   | 2                     | 10.487 | 1919090 | 20.0 |
| 1H-Inden-1-ol, ... | 11.110 | 2.7     | ng    | 262164   | 2                     | 10.487 | 1919090 | 20.0 |
| unknown17.945      | 17.945 | 2.6     | ng    | 301071   | 4                     | 17.104 | 2355770 | 20.0 |
| n-Hexadecanoic ... | 18.016 | 7.5     | ng    | 885686   | 4                     | 17.104 | 2355770 | 20.0 |
| Octadecanoic acid  | 19.257 | 4.2     | ng    | 578050   | 5                     | 21.210 | 2734840 | 20.0 |
| 2- Chloropropio... | 20.945 | 2.3     | ng    | 315530   | 5                     | 21.210 | 2734840 | 20.0 |