

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
 Data File : BG049100.D  
 Acq On : 25 Jun 2021 21:26  
 Operator : CG/JU  
 Sample : M2829-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 15B-STOCKPILE-3B

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\_G\METHODS\8270-BG061121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049100.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         | 3.156       | 14            | 20          | 29           | rBV      | 49870          | 120454        | 6.69%           | 0.872%        |
| 2         | 3.238       | 29            | 34          | 44           | rVB2     | 20432          | 37343         | 2.07%           | 0.270%        |
| 3         | 5.189       | 362           | 366         | 373          | rVB      | 11888          | 20193         | 1.12%           | 0.146%        |
| 4         | 5.659       | 439           | 446         | 457          | rBV      | 492684         | 860165        | 47.78%          | 6.228%        |
| 5         | 7.263       | 711           | 719         | 729          | rBV      | 520534         | 939296        | 52.18%          | 6.800%        |
| 6         | 8.109       | 855           | 863         | 870          | rBV      | 163775         | 284599        | 15.81%          | 2.060%        |
| 7         | 9.272       | 1052          | 1061        | 1069         | rBV      | 333148         | 604239        | 33.57%          | 4.375%        |
| 8         | 10.688      | 1295          | 1302        | 1315         | rBV      | 261206         | 442945        | 24.61%          | 3.207%        |
| 9         | 10.929      | 1333          | 1343        | 1350         | rBV      | 200032         | 380098        | 21.11%          | 2.752%        |
| 10        | 13.367      | 1747          | 1758        | 1770         | rBV      | 823083         | 1325256       | 73.62%          | 9.595%        |
| 11        | 13.632      | 1798          | 1803        | 1811         | rVB3     | 33685          | 57634         | 3.20%           | 0.417%        |
| 12        | 14.748      | 1984          | 1993        | 1999         | rBV      | 326474         | 501333        | 27.85%          | 3.630%        |
| 13        | 14.813      | 1999          | 2004        | 2010         | rVB2     | 20512          | 34077         | 1.89%           | 0.247%        |
| 14        | 15.142      | 2054          | 2060        | 2065         | rBV2     | 13860          | 24271         | 1.35%           | 0.176%        |
| 15        | 15.794      | 2166          | 2171        | 2177         | rVB2     | 17674          | 27038         | 1.50%           | 0.196%        |
| 16        | 16.235      | 2239          | 2246        | 2255         | rVB      | 714108         | 1100887       | 61.15%          | 7.970%        |
| 17        | 17.145      | 2396          | 2401        | 2407         | rBV4     | 13861          | 21626         | 1.20%           | 0.157%        |
| 18        | 17.316      | 2426          | 2430        | 2437         | rVB      | 14666          | 26661         | 1.48%           | 0.193%        |
| 19        | 17.498      | 2454          | 2461        | 2464         | rBV      | 352456         | 570610        | 31.70%          | 4.131%        |
| 20        | 17.539      | 2464          | 2468        | 2475         | rVV      | 226598         | 342314        | 19.02%          | 2.478%        |
| 21        | 17.627      | 2479          | 2483        | 2489         | rVB      | 52181          | 78749         | 4.37%           | 0.570%        |
| 22        | 17.897      | 2524          | 2529        | 2533         | rBV3     | 15494          | 22733         | 1.26%           | 0.165%        |
| 23        | 18.156      | 2568          | 2573        | 2580         | rVB      | 41660          | 61146         | 3.40%           | 0.443%        |
| 24        | 18.373      | 2604          | 2610        | 2614         | rBV2     | 81074          | 124437        | 6.91%           | 0.901%        |
| 25        | 18.420      | 2614          | 2618        | 2625         | rVB2     | 49171          | 75168         | 4.18%           | 0.544%        |
| 26        | 18.497      | 2628          | 2631        | 2637         | rVB2     | 15641          | 21485         | 1.19%           | 0.156%        |
| 27        | 18.567      | 2637          | 2643        | 2647         | rBV2     | 46449          | 96268         | 5.35%           | 0.697%        |
| 28        | 18.867      | 2690          | 2694        | 2697         | rBV      | 23070          | 31025         | 1.72%           | 0.225%        |
| 29        | 18.902      | 2697          | 2700        | 2704         | rVB4     | 17762          | 26322         | 1.46%           | 0.191%        |
| 30        | 19.284      | 2761          | 2765        | 2767         | rBV3     | 36686          | 52409         | 2.91%           | 0.379%        |
| 31        | 19.319      | 2767          | 2771        | 2778         | rVB4     | 88192          | 123665        | 6.87%           | 0.895%        |
| 32        | 19.419      | 2785          | 2788        | 2791         | rBV4     | 19366          | 28342         | 1.57%           | 0.205%        |
| 33        | 19.449      | 2791          | 2793        | 2796         | rVB4     | 28275          | 33892         | 1.88%           | 0.245%        |
| 34        | 19.543      | 2804          | 2809        | 2815         | rBV      | 388506         | 555087        | 30.84%          | 4.019%        |
| 35        | 19.642      | 2822          | 2826        | 2831         | rVB6     | 28959          | 32509         | 1.81%           | 0.235%        |
| 36        | 19.877      | 2861          | 2866        | 2867         | rBV2     | 65737          | 95768         | 5.32%           | 0.693%        |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 15B-STOCKPILE-3B

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\_G\METHODS\8270-BG061121.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 19.907 | 2867 | 2871 | 2877 | rVB  | 333981  | 482316  | 26.79%  | 3.492%  |
| 38 | 20.101 | 2898 | 2904 | 2909 | rBV  | 1381461 | 1800169 | 100.00% | 13.033% |
| 39 | 20.494 | 2968 | 2971 | 2975 | rBV3 | 25108   | 33228   | 1.85%   | 0.241%  |
| 40 | 21.405 | 3122 | 3126 | 3130 | rBV4 | 67712   | 105173  | 5.84%   | 0.761%  |
| 41 | 21.781 | 3182 | 3190 | 3195 | rBV2 | 388258  | 938894  | 52.16%  | 6.798%  |
| 42 | 21.828 | 3195 | 3198 | 3207 | rVB  | 159860  | 276809  | 15.38%  | 2.004%  |
| 43 | 24.049 | 3570 | 3576 | 3583 | rBV3 | 109847  | 335271  | 18.62%  | 2.427%  |
| 44 | 24.948 | 3724 | 3729 | 3738 | rVB  | 98741   | 250375  | 13.91%  | 1.813%  |
| 45 | 25.107 | 3750 | 3756 | 3764 | rVB3 | 158738  | 409927  | 22.77%  | 2.968%  |

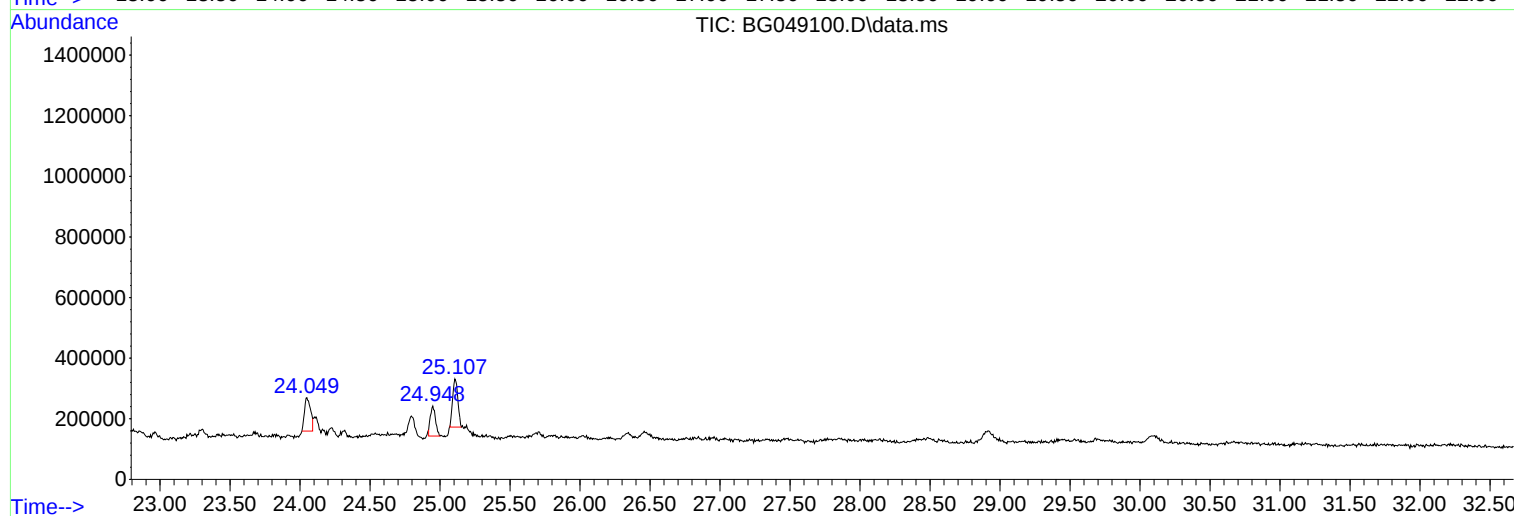
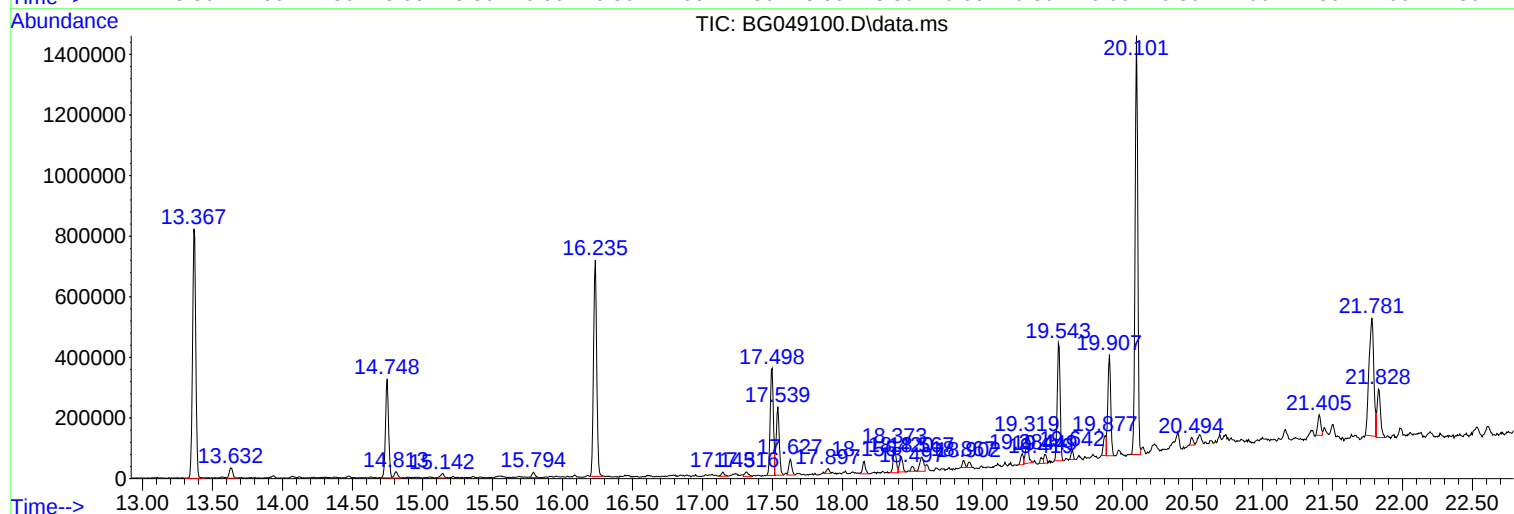
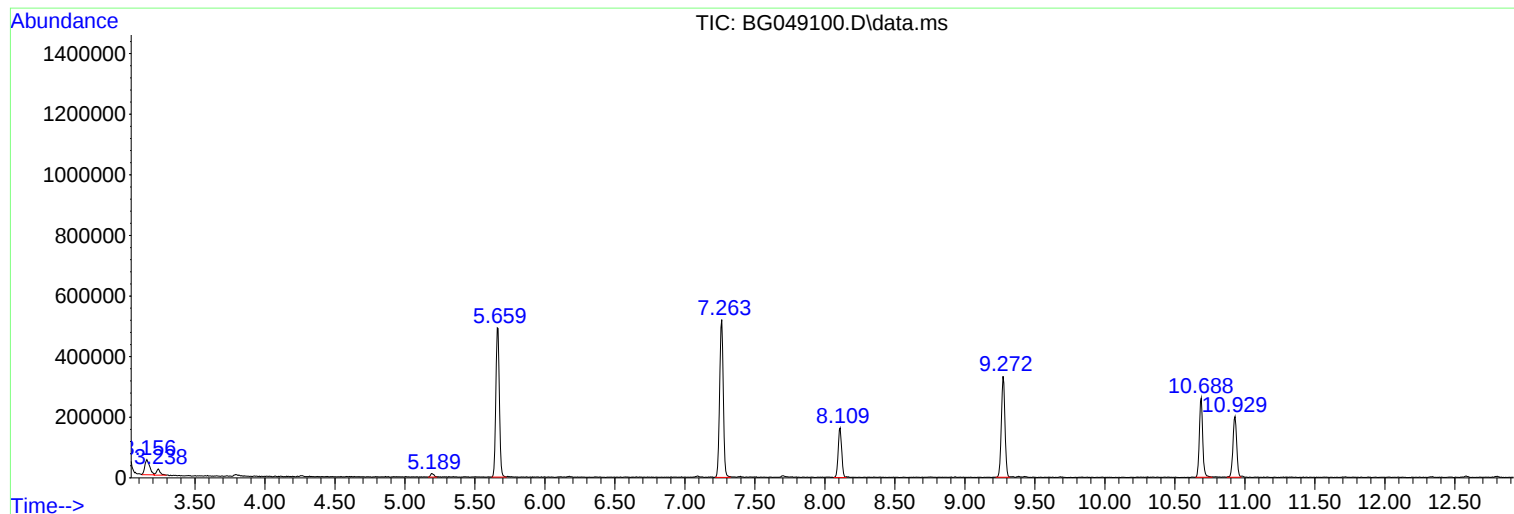
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
Data File : BG049100.D  
Acq On : 25 Jun 2021 21:26  
Operator : CG/JU  
Sample : M2829-05  
Misc :  
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Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

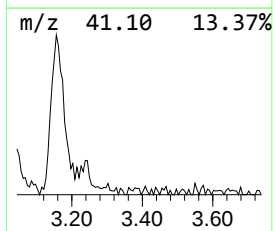
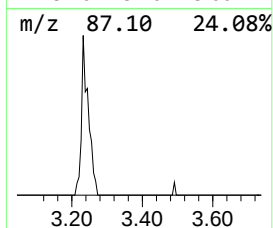
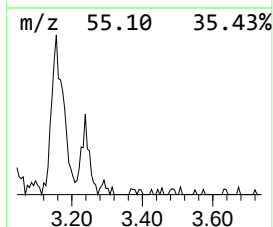
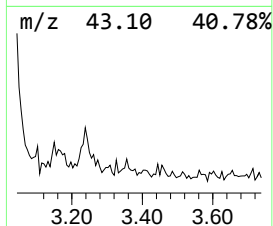
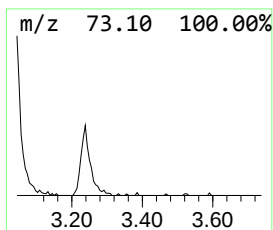
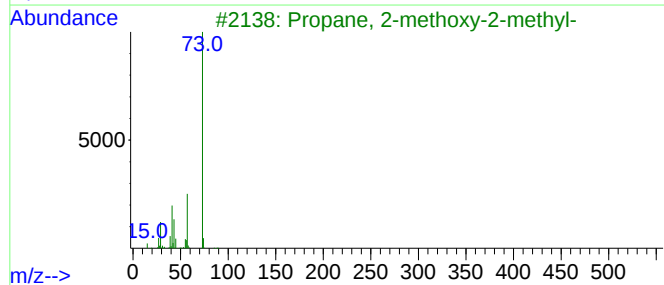
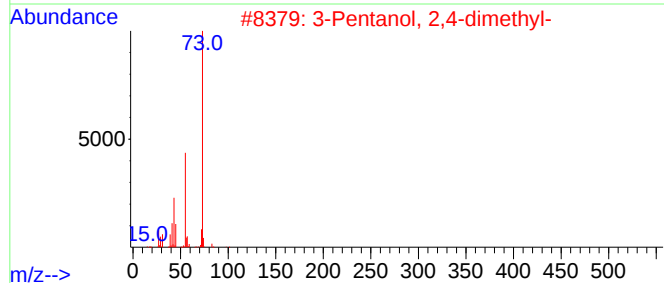
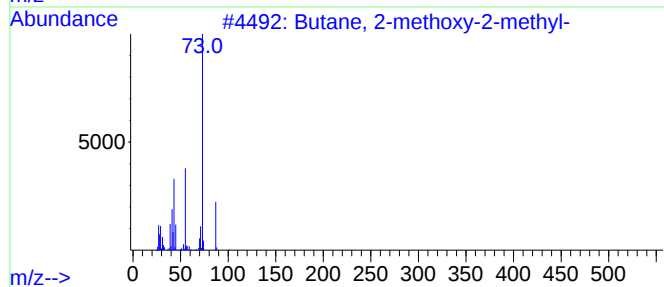
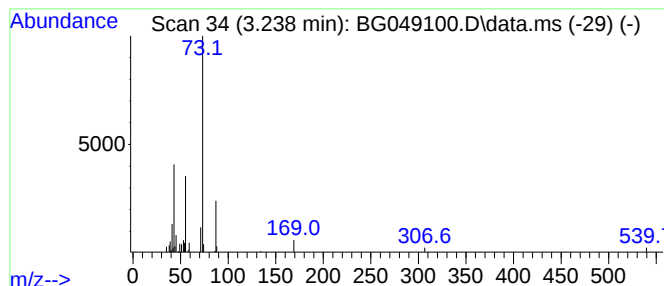
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown3.238 Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 3.238 | 2.62 ng | 37343 | 1,4-Dichlorobenzene-d4 | 8.109 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-  | 102 | C6H14O  | 000994-05-8 | 42   |
| 2    |    |   | 3-Pentanol, 2,4-dimethyl-    | 116 | C7H16O  | 000600-36-2 | 9    |
| 3    |    |   | Propane, 2-methoxy-2-methyl- | 88  | C5H12O  | 001634-04-4 | 9    |
| 4    |    |   | 2,2,4-Trimethyl-3-pentanol   | 130 | C8H18O  | 005162-48-1 | 9    |
| 5    |    |   | 2-Methyl-5-hexen-3-ol        | 114 | C7H14O  | 032815-70-6 | 9    |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

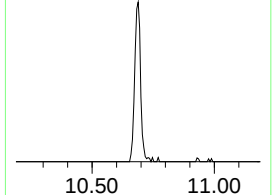
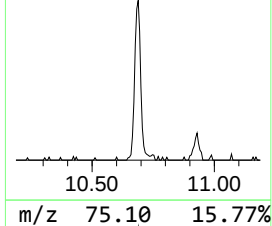
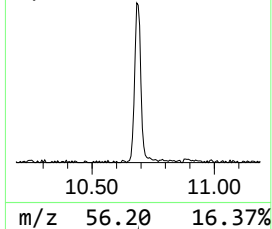
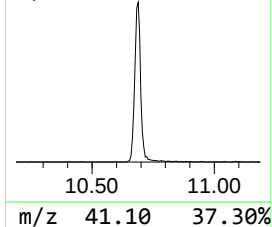
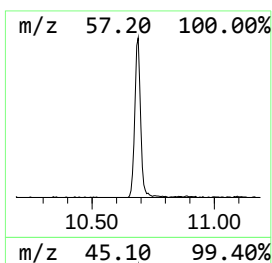
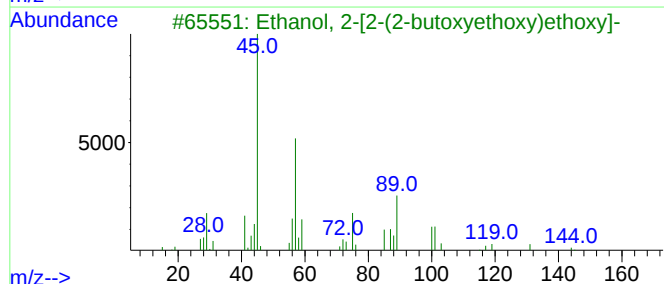
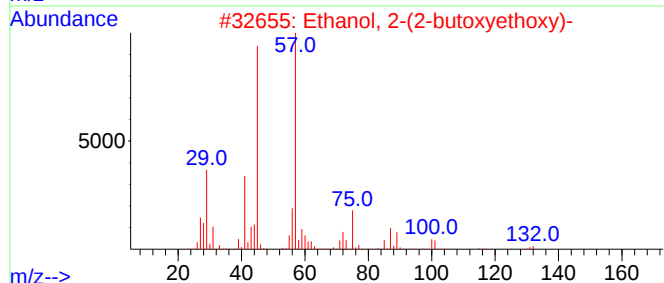
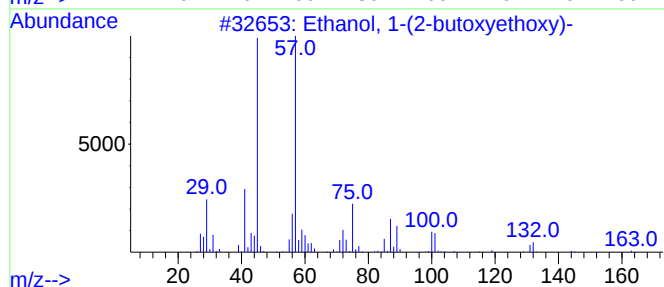
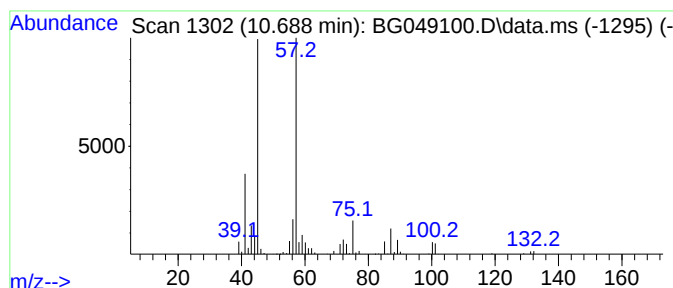
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 10.688    | 23.31 ng                            | 442945 | Naphthalene-d8   | 10.929      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Ethanol, 1-(2-butoxyethoxy)-        | 162    | C8H18O3          | 054446-78-5 | 90   |
| 2         | Ethanol, 2-(2-butoxyethoxy)-        | 162    | C8H18O3          | 000112-34-5 | 90   |
| 3         | Ethanol, 2-[2-(2-butoxyethoxy)et... | 206    | C10H22O4         | 000143-22-6 | 64   |
| 4         | Propanoic acid, 2-hydroxy-, 2-me... | 146    | C7H14O3          | 000585-24-0 | 59   |
| 5         | Tetraethylene glycol                | 194    | C8H18O5          | 000112-60-7 | 53   |



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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

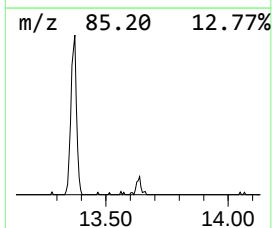
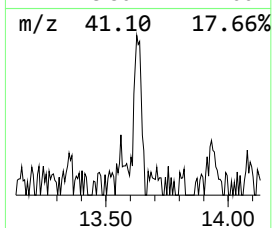
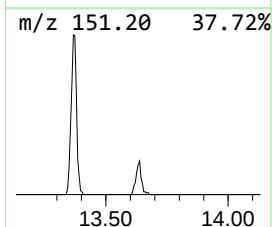
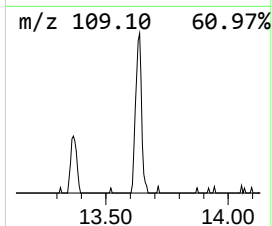
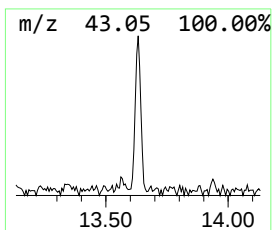
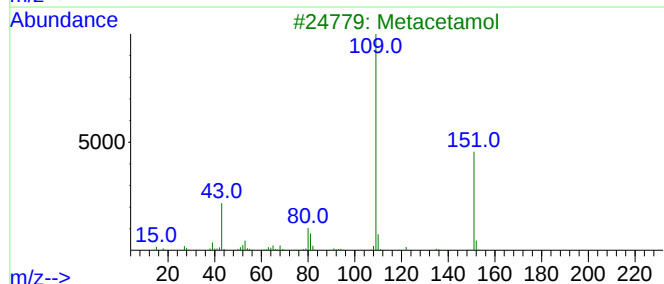
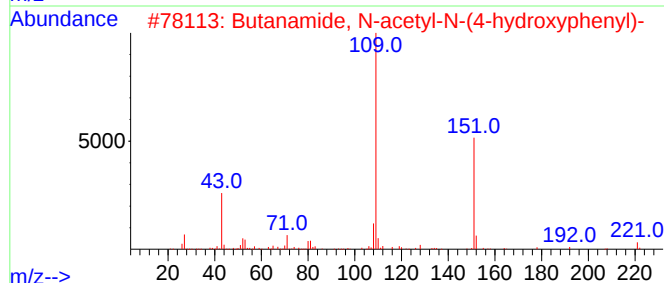
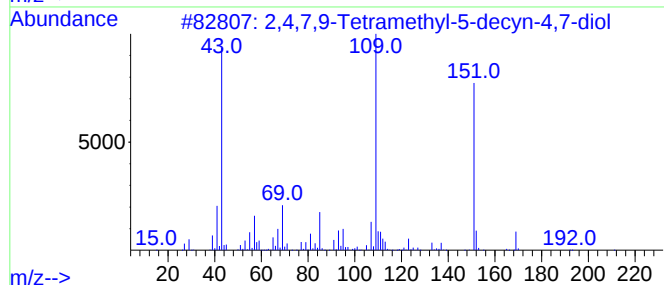
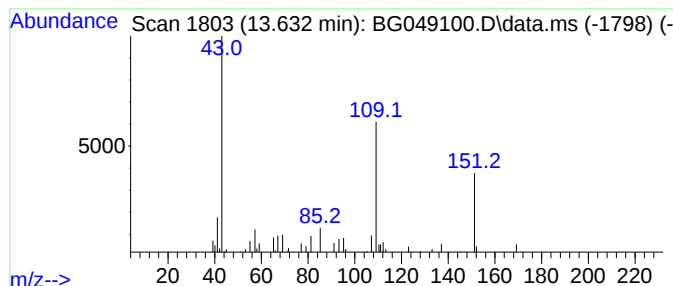
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 13.632 | 2.30 ng | 57634 | Acenaphthene-d10 | 14.748 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2     | 000126-86-3  | 90      |      |      |
| 2    | Butanamide, N-acetyl-N-(4-hydrox... | 221 | C12H15NO3    | 1000107-08-7 | 47      |      |      |
| 3    | Metacetamol                         | 151 | C8H9NO2      | 000621-42-1  | 47      |      |      |
| 4    | 2-Cyclohexen-1-ol, 2-methyl-5-(1... | 152 | C10H16O      | 001197-06-4  | 38      |      |      |
| 5    | Pyridine, 3-butyl-, 1-oxide         | 151 | C9H13NO      | 031396-33-5  | 38      |      |      |



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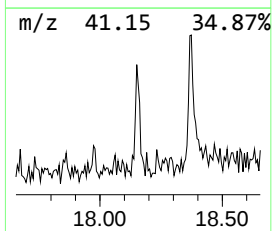
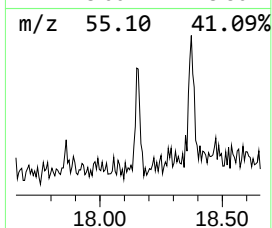
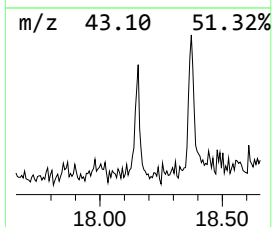
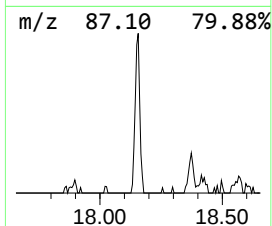
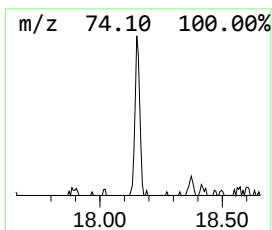
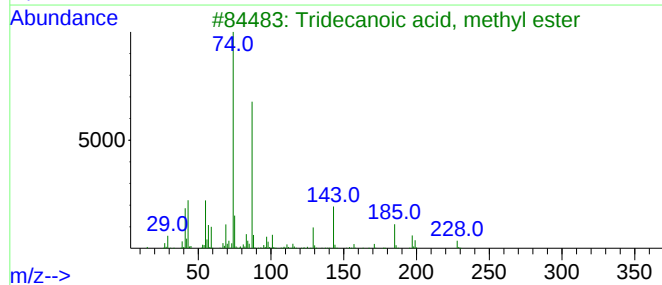
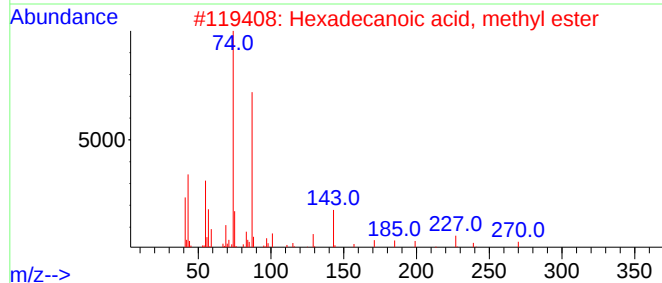
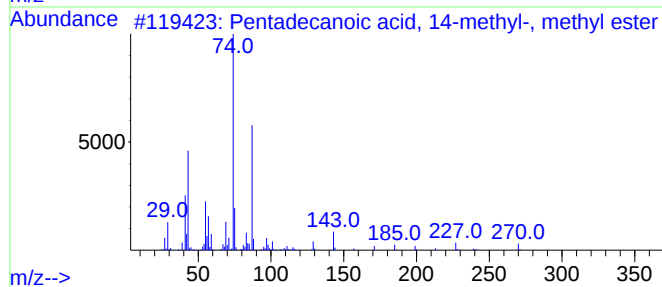
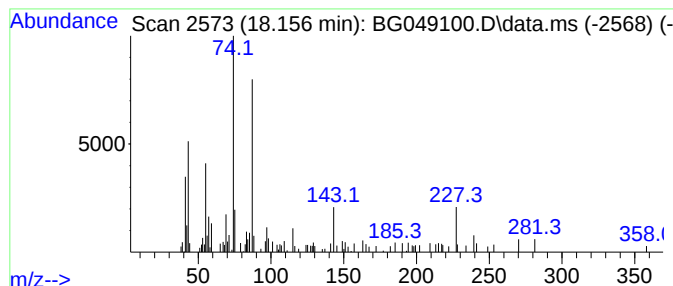
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Pentadecanoic acid, 14-meth... Concentration Rank 10

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 18.156 | 2.14 ng | 61146 | Phenanthrene-d10 | 17.498 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 94   |
| 2    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 91   |
| 3    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 87   |
| 4    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 80   |
| 5    |    |   | Undecanoic acid, 10-methyl-, met... | 214 | C13H26O2 | 005129-56-6 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
Data File : BG049100.D  
Acq On : 25 Jun 2021 21:26  
Operator : CG/JU  
Sample : M2829-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

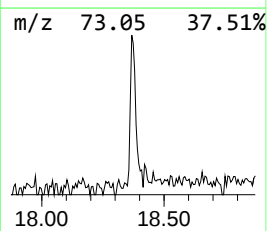
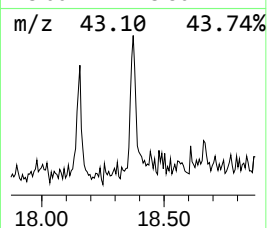
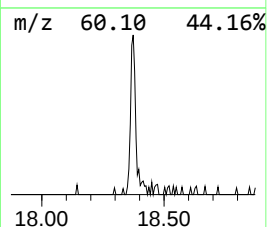
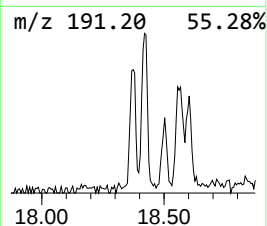
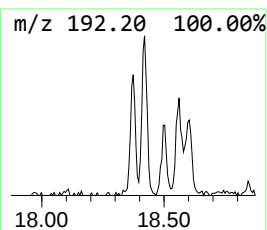
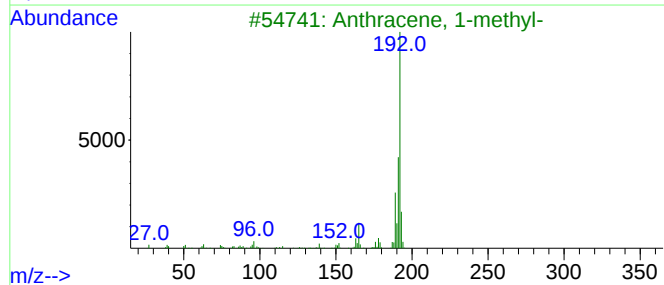
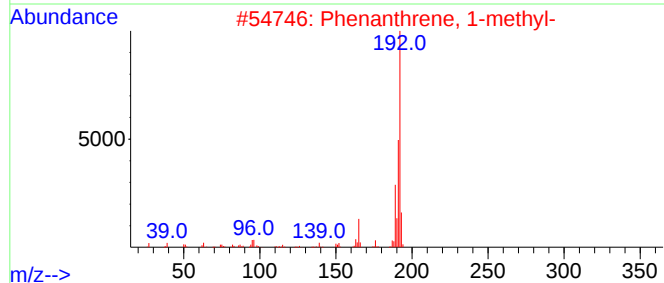
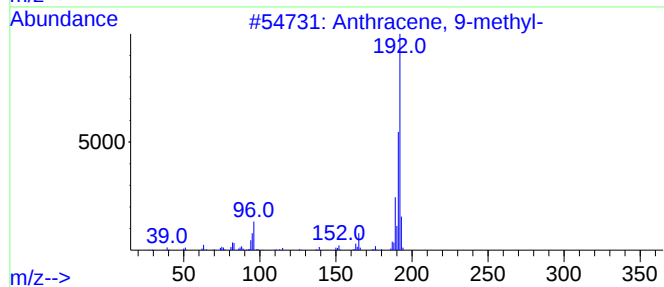
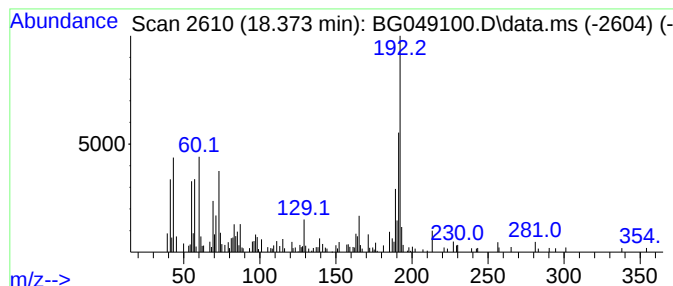
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Anthracene, 9-methyl- Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.373 | 4.36 ng | 124437 | Phenanthrene-d10 | 17.498 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 90   |
| 2    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 70   |
| 3    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 70   |
| 4    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 70   |
| 5    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
Data File : BG049100.D  
Acq On : 25 Jun 2021 21:26  
Operator : CG/JU  
Sample : M2829-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

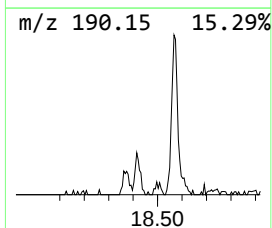
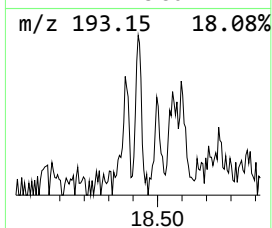
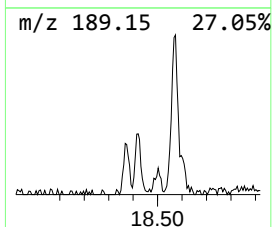
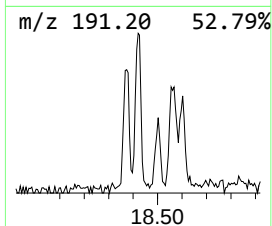
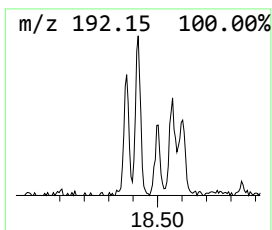
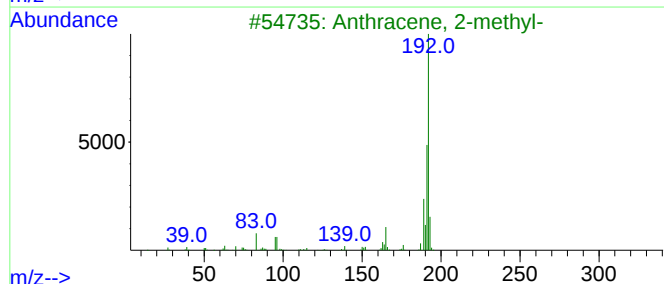
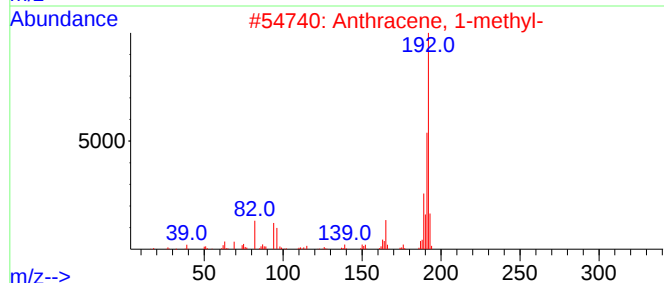
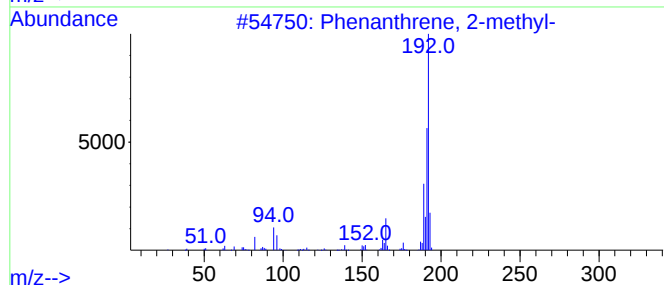
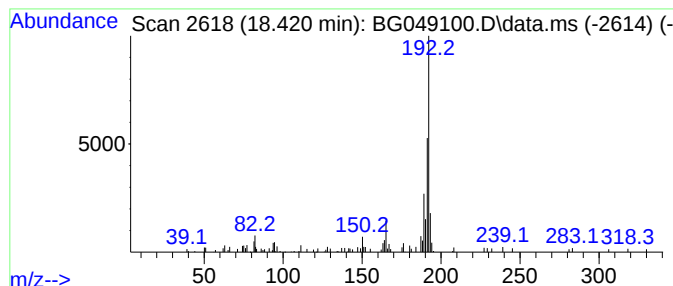
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 18.420 | 2.63 ng | 75168 | Phenanthrene-d10 | 17.498 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 93   |
| 2    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 90   |
| 3    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 90   |
| 4    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 87   |
| 5    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
Data File : BG049100.D  
Acq On : 25 Jun 2021 21:26  
Operator : CG/JU  
Sample : M2829-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

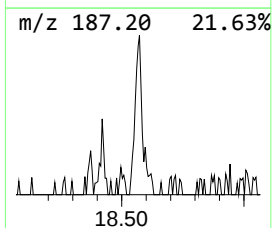
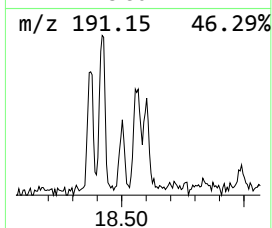
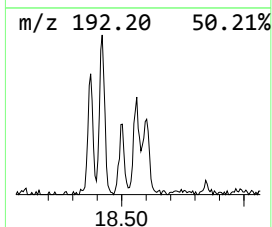
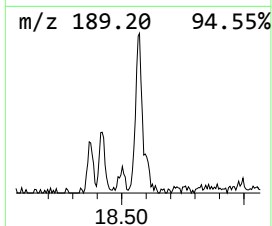
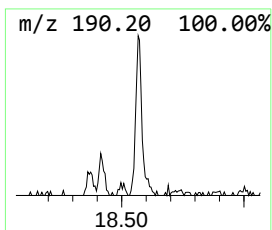
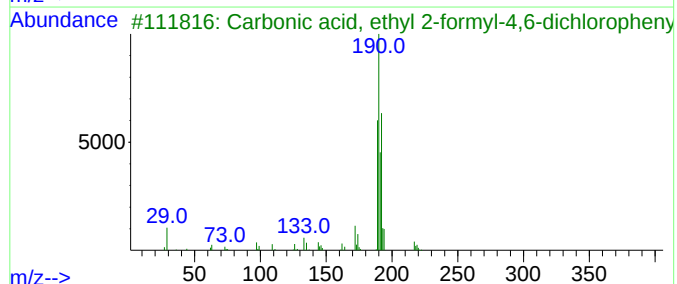
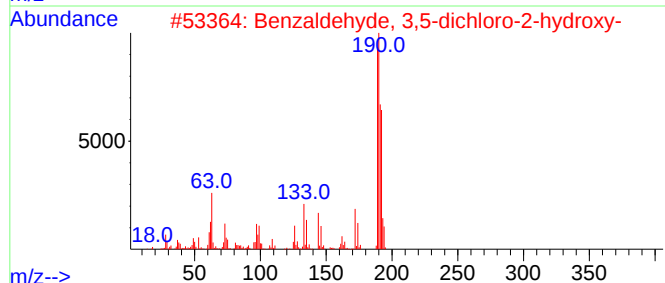
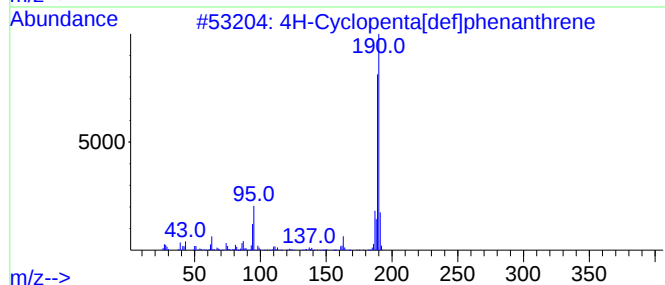
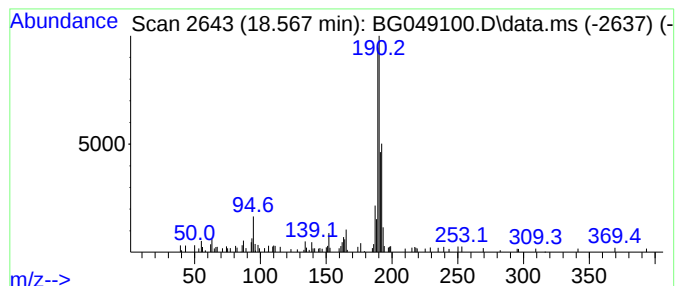
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 18.567 | 3.37 ng | 96268 | Phenanthrene-d10 | 17.498 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5  | 64   |
| 2    |    |   | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2  | 000090-60-8  | 64   |
| 3    |    |   | Carbonic acid, ethyl 2-formyl-4,... | 262 | C10H8Cl2O4 | 1000331-34-4 | 50   |
| 4    |    |   | 1H-Pyrazole-4-carboxaldehyde, 1-... | 190 | C10H7FN2O  | 1000338-05-6 | 43   |
| 5    |    |   | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10     | 083469-43-6  | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
Data File : BG049100.D  
Acq On : 25 Jun 2021 21:26  
Operator : CG/JU  
Sample : M2829-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

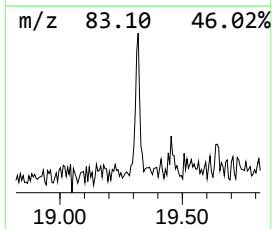
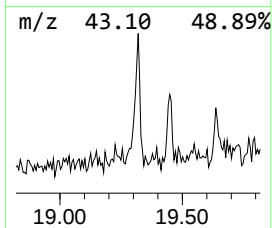
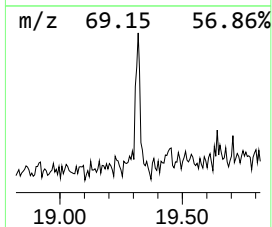
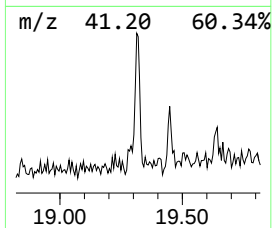
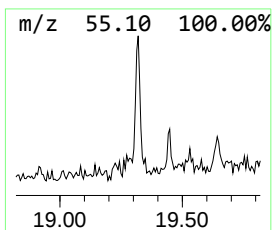
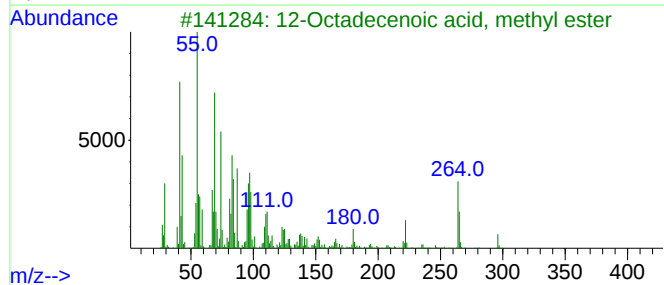
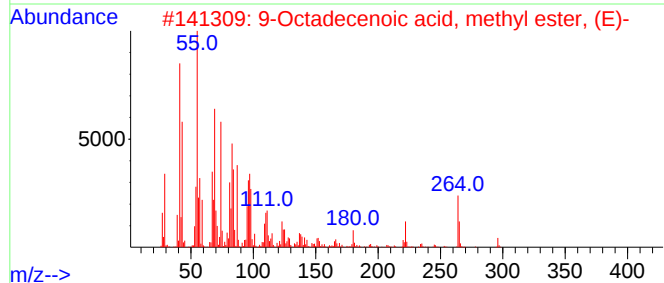
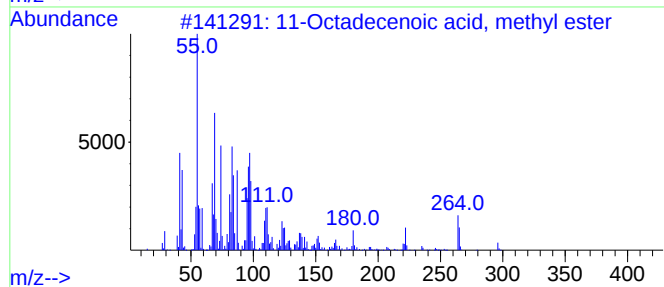
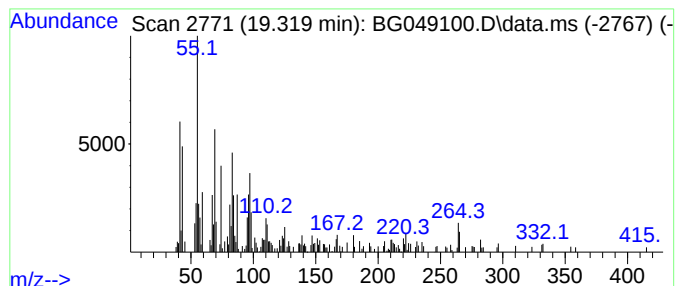
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 11-Octadecenoic acid, methyl... Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.319 | 4.33 ng | 123665 | Phenanthrene-d10 | 17.498 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 11-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 052380-33-3 | 99   |
| 2    |    |   | 9-Octadecenoic acid, methyl ester... | 296 | C19H36O2 | 001937-62-8 | 98   |
| 3    |    |   | 12-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 056554-46-2 | 98   |
| 4    |    |   | 10-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 013481-95-3 | 98   |
| 5    |    |   | 9-Octadecenoic acid (Z)-, methyl...  | 296 | C19H36O2 | 000112-62-9 | 98   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
Data File : BG049100.D  
Acq On : 25 Jun 2021 21:26  
Operator : CG/JU  
Sample : M2829-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

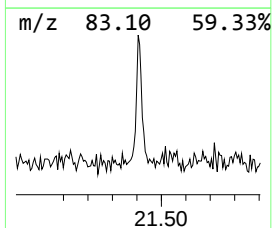
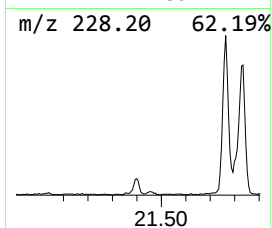
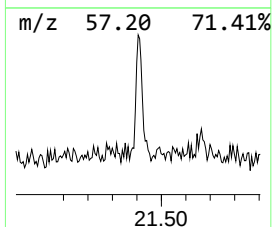
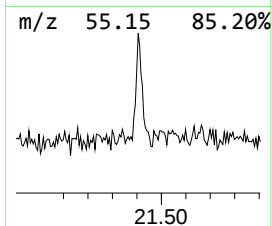
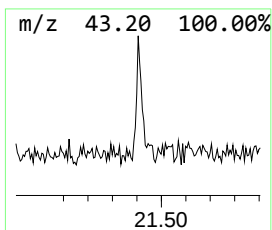
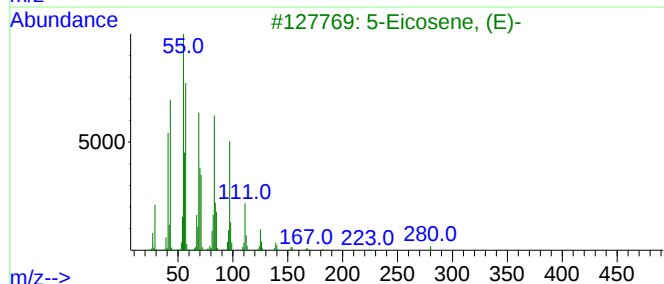
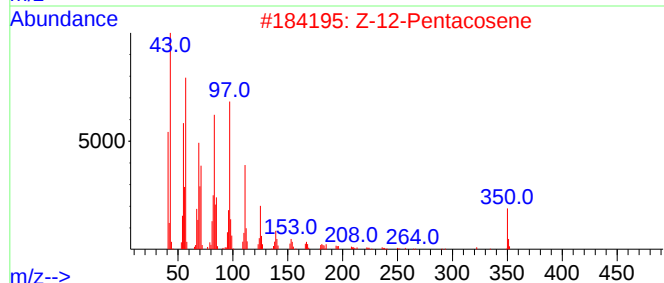
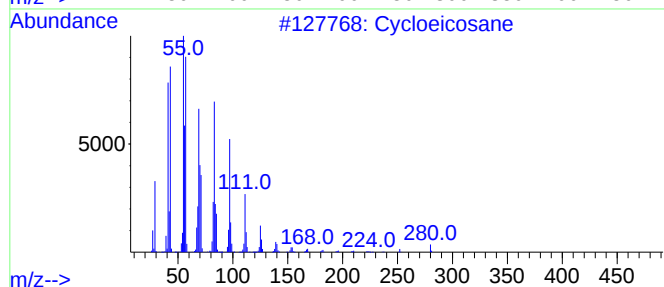
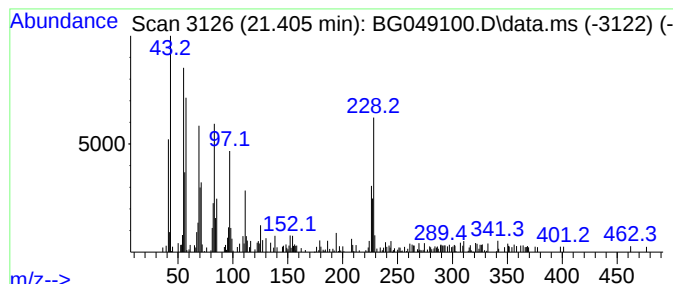
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Cycloeicosane Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.405 | 2.24 ng | 105173 | Chrysene-d12     | 21.781 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------|-----|---------|--------------|------|
| 1    |    |   | Cycloeicosane    | 280 | C20H40  | 000296-56-0  | 95   |
| 2    |    |   | Z-12-Pentacosene | 350 | C25H50  | 1000131-09-4 | 95   |
| 3    |    |   | 5-Eicosene, (E)- | 280 | C20H40  | 074685-30-6  | 95   |
| 4    |    |   | 9-Hexacosene     | 364 | C26H52  | 071502-22-2  | 90   |
| 5    |    |   | 1-Tricosene      | 322 | C23H46  | 018835-32-0  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062521\  
Data File : BG049100.D  
Acq On : 25 Jun 2021 21:26  
Operator : CG/JU  
Sample : M2829-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
15B-STOCKPILE-3B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| unknown3.238       | 3.238  | 2.6     | ng    | 37343    | 1                     | 8.109  | 284599 | 20.0 |
| Ethanol, 1-(2-b... | 10.688 | 23.3    | ng    | 442945   | 2                     | 10.929 | 380098 | 20.0 |
| 2,4,7,9-Tetrame... | 13.632 | 2.3     | ng    | 57634    | 3                     | 14.748 | 501333 | 20.0 |
| Pentadecanoic a... | 18.156 | 2.1     | ng    | 61146    | 4                     | 17.498 | 570610 | 20.0 |
| Anthracene, 9-m... | 18.373 | 4.4     | ng    | 124437   | 4                     | 17.498 | 570610 | 20.0 |
| Phenanthrene, 2... | 18.420 | 2.6     | ng    | 75168    | 4                     | 17.498 | 570610 | 20.0 |
| 4H-Cyclopenta[d... | 18.567 | 3.4     | ng    | 96268    | 4                     | 17.498 | 570610 | 20.0 |
| 11-Octadecenoic... | 19.319 | 4.3     | ng    | 123665   | 4                     | 17.498 | 570610 | 20.0 |
| Cycloeicosane      | 21.405 | 2.2     | ng    | 105173   | 5                     | 21.781 | 938894 | 20.0 |