

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG063023\  
 Data File : BG057931.D  
 Acq On : 30 Jun 2023 23:19  
 Operator : CG/JU  
 Sample : 03360-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CE-91-062023

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-BG062723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057931.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         | 5.015       | 322           | 328         | 335          | rVB      | 24750          | 35749         | 1.34%           | 0.181%        |
| 2         | 5.485       | 401           | 408         | 420          | rBV      | 620781         | 953983        | 35.78%          | 4.830%        |
| 3         | 7.077       | 671           | 679         | 696          | rBV      | 642018         | 1078136       | 40.44%          | 5.459%        |
| 4         | 7.912       | 813           | 821         | 829          | rBV      | 130978         | 217503        | 8.16%           | 1.101%        |
| 5         | 9.069       | 1010          | 1018        | 1030         | rBV      | 362694         | 653059        | 24.49%          | 3.307%        |
| 6         | 10.714      | 1289          | 1298        | 1309         | rBV      | 196271         | 347474        | 13.03%          | 1.759%        |
| 7         | 13.170      | 1709          | 1716        | 1726         | rVB      | 1103807        | 1663419       | 62.39%          | 8.423%        |
| 8         | 14.545      | 1943          | 1950        | 1957         | rBV      | 364302         | 574767        | 21.56%          | 2.910%        |
| 9         | 14.610      | 1957          | 1961        | 1969         | rVB      | 26133          | 38943         | 1.46%           | 0.197%        |
| 10        | 15.591      | 2122          | 2128        | 2137         | rBV      | 23843          | 36722         | 1.38%           | 0.186%        |
| 11        | 15.902      | 2174          | 2181        | 2187         | rBV      | 212215         | 302147        | 11.33%          | 1.530%        |
| 12        | 16.037      | 2197          | 2204        | 2216         | rBV      | 908623         | 1457935       | 54.68%          | 7.382%        |
| 13        | 16.231      | 2231          | 2237        | 2242         | rBV4     | 16076          | 30604         | 1.15%           | 0.155%        |
| 14        | 17.289      | 2411          | 2417        | 2421         | rBV      | 492629         | 761528        | 28.56%          | 3.856%        |
| 15        | 17.336      | 2421          | 2425        | 2431         | rVV      | 349786         | 509751        | 19.12%          | 2.581%        |
| 16        | 17.424      | 2431          | 2440        | 2445         | rVV      | 100279         | 156137        | 5.86%           | 0.791%        |
| 17        | 17.471      | 2445          | 2448        | 2455         | rVB2     | 25807          | 37853         | 1.42%           | 0.192%        |
| 18        | 17.694      | 2475          | 2486        | 2489         | rBV2     | 13586          | 26745         | 1.00%           | 0.135%        |
| 19        | 18.176      | 2556          | 2568        | 2572         | rBV2     | 161396         | 275840        | 10.35%          | 1.397%        |
| 20        | 18.211      | 2572          | 2574        | 2583         | rVV      | 70935          | 119520        | 4.48%           | 0.605%        |
| 21        | 18.294      | 2583          | 2588        | 2594         | rVV      | 34361          | 59955         | 2.25%           | 0.304%        |
| 22        | 18.364      | 2594          | 2600        | 2604         | rVV3     | 70930          | 141048        | 5.29%           | 0.714%        |
| 23        | 18.399      | 2604          | 2606        | 2611         | rVB2     | 30687          | 33965         | 1.27%           | 0.172%        |
| 24        | 18.664      | 2646          | 2651        | 2655         | rBV      | 39842          | 59117         | 2.22%           | 0.299%        |
| 25        | 18.705      | 2655          | 2658        | 2665         | rVB      | 19333          | 29694         | 1.11%           | 0.150%        |
| 26        | 19.081      | 2716          | 2722        | 2729         | rBV3     | 24107          | 52602         | 1.97%           | 0.266%        |
| 27        | 19.216      | 2742          | 2745        | 2755         | rVB2     | 28832          | 49068         | 1.84%           | 0.248%        |
| 28        | 19.345      | 2761          | 2767        | 2773         | rBV      | 634994         | 873611        | 32.77%          | 4.424%        |
| 29        | 19.451      | 2780          | 2785        | 2790         | rBV3     | 32376          | 54101         | 2.03%           | 0.274%        |
| 30        | 19.586      | 2804          | 2808        | 2816         | rVB      | 27238          | 49624         | 1.86%           | 0.251%        |
| 31        | 19.674      | 2818          | 2823        | 2824         | rVV      | 115764         | 138798        | 5.21%           | 0.703%        |
| 32        | 19.710      | 2824          | 2829        | 2836         | rVV      | 518411         | 803377        | 30.13%          | 4.068%        |
| 33        | 19.774      | 2836          | 2840        | 2847         | rVB4     | 29684          | 51852         | 1.94%           | 0.263%        |
| 34        | 19.909      | 2855          | 2863        | 2868         | rBV      | 1984211        | 2666153       | 100.00%         | 13.500%       |
| 35        | 19.945      | 2868          | 2869        | 2874         | rVB      | 33224          | 35834         | 1.34%           | 0.181%        |
| 36        | 20.033      | 2878          | 2884        | 2890         | rBV3     | 34789          | 97382         | 3.65%           | 0.493%        |

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 BNA\_G  
 ClientSampleId :  
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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-BG062723.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 20.197 | 2900 | 2912 | 2917 | rBV3 | 74165  | 173456  | 6.51%  | 0.878% |
| 38 | 20.297 | 2925 | 2929 | 2933 | rBV  | 41163  | 52438   | 1.97%  | 0.266% |
| 39 | 20.356 | 2933 | 2939 | 2943 | rVV3 | 46812  | 81410   | 3.05%  | 0.412% |
| 40 | 20.438 | 2950 | 2953 | 2958 | rBV6 | 24188  | 38378   | 1.44%  | 0.194% |
| 41 | 20.497 | 2959 | 2963 | 2966 | rBV2 | 27990  | 35934   | 1.35%  | 0.182% |
| 42 | 20.544 | 2966 | 2971 | 2974 | rBV2 | 26625  | 38521   | 1.44%  | 0.195% |
| 43 | 20.949 | 3036 | 3040 | 3046 | rVB2 | 38110  | 57082   | 2.14%  | 0.289% |
| 44 | 21.131 | 3064 | 3071 | 3075 | rBV2 | 41241  | 90556   | 3.40%  | 0.459% |
| 45 | 21.190 | 3075 | 3081 | 3091 | rVV4 | 209299 | 484777  | 18.18% | 2.455% |
| 46 | 21.278 | 3092 | 3096 | 3104 | rVB2 | 54908  | 98822   | 3.71%  | 0.500% |
| 47 | 21.543 | 3132 | 3141 | 3145 | rBV3 | 541074 | 1216010 | 45.61% | 6.157% |
| 48 | 21.590 | 3145 | 3149 | 3159 | rVB  | 218283 | 373157  | 14.00% | 1.889% |
| 49 | 21.737 | 3169 | 3174 | 3182 | rBV  | 74195  | 129382  | 4.85%  | 0.655% |
| 50 | 21.942 | 3204 | 3209 | 3215 | rVB3 | 30452  | 66334   | 2.49%  | 0.336% |
| 51 | 22.330 | 3270 | 3275 | 3282 | rVB5 | 53489  | 100117  | 3.76%  | 0.507% |
| 52 | 23.687 | 3498 | 3506 | 3514 | rBV  | 160811 | 536068  | 20.11% | 2.714% |
| 53 | 23.934 | 3544 | 3548 | 3554 | rVB  | 29305  | 57949   | 2.17%  | 0.293% |
| 54 | 24.392 | 3619 | 3626 | 3641 | rVB2 | 99389  | 281579  | 10.56% | 1.426% |
| 55 | 24.533 | 3641 | 3650 | 3663 | rVB  | 147585 | 412434  | 15.47% | 2.088% |
| 56 | 24.686 | 3666 | 3676 | 3684 | rBV2 | 295159 | 888721  | 33.33% | 4.500% |
| 57 | 29.363 | 4465 | 4472 | 4473 | rBV6 | 31523  | 62133   | 2.33%  | 0.315% |

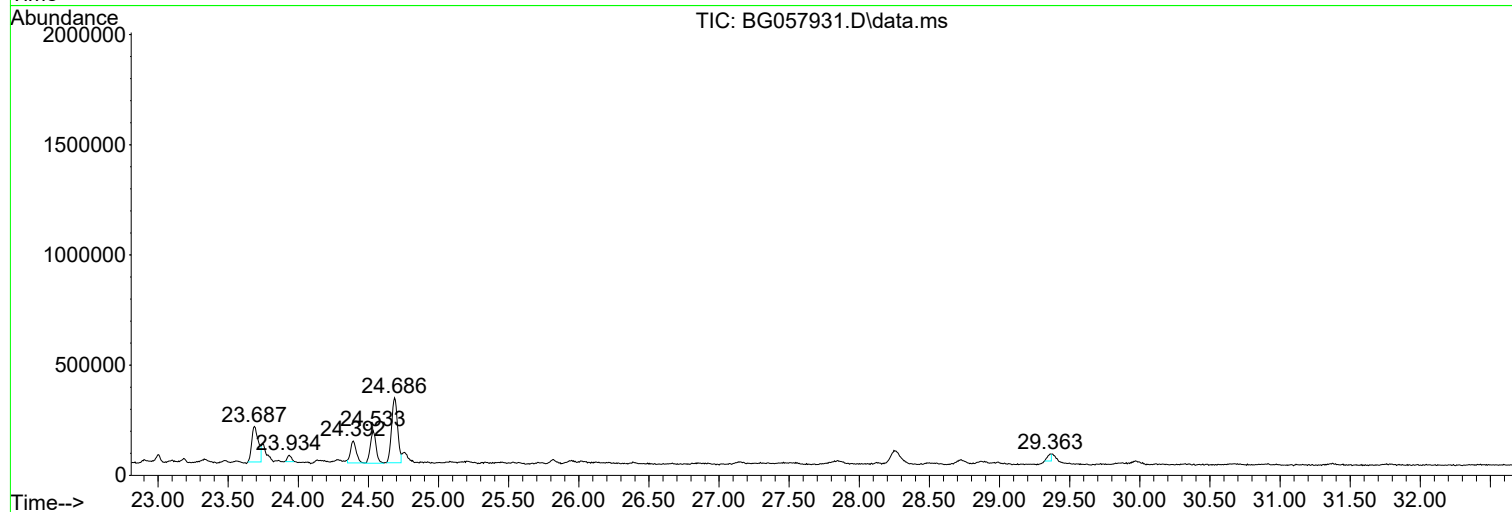
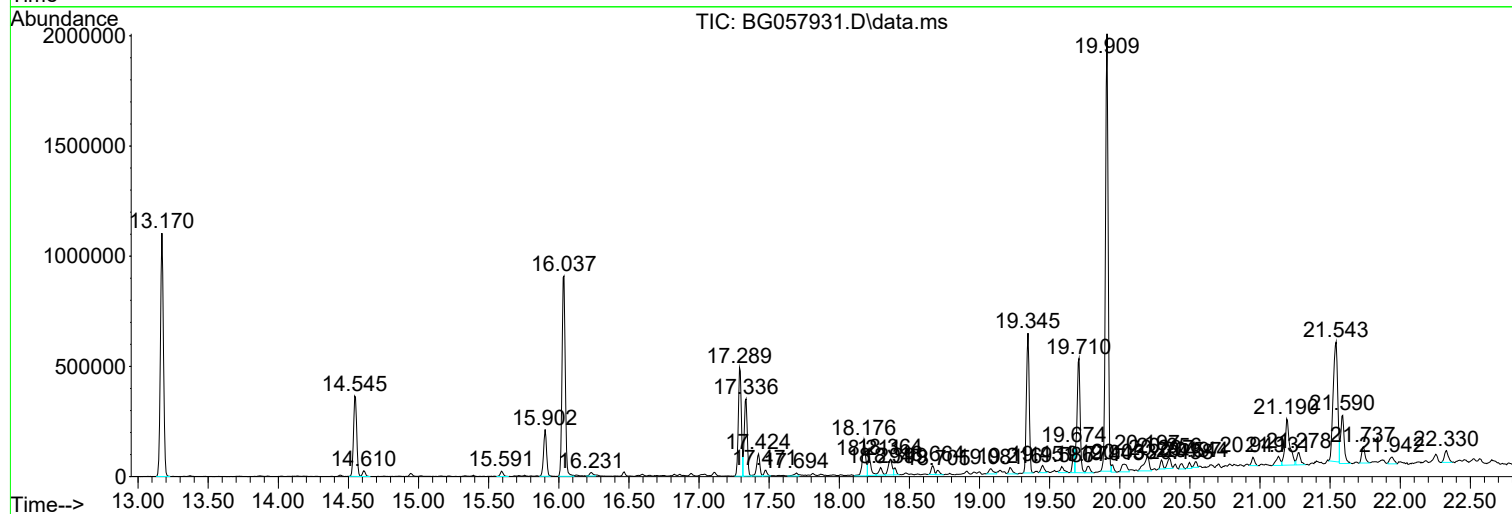
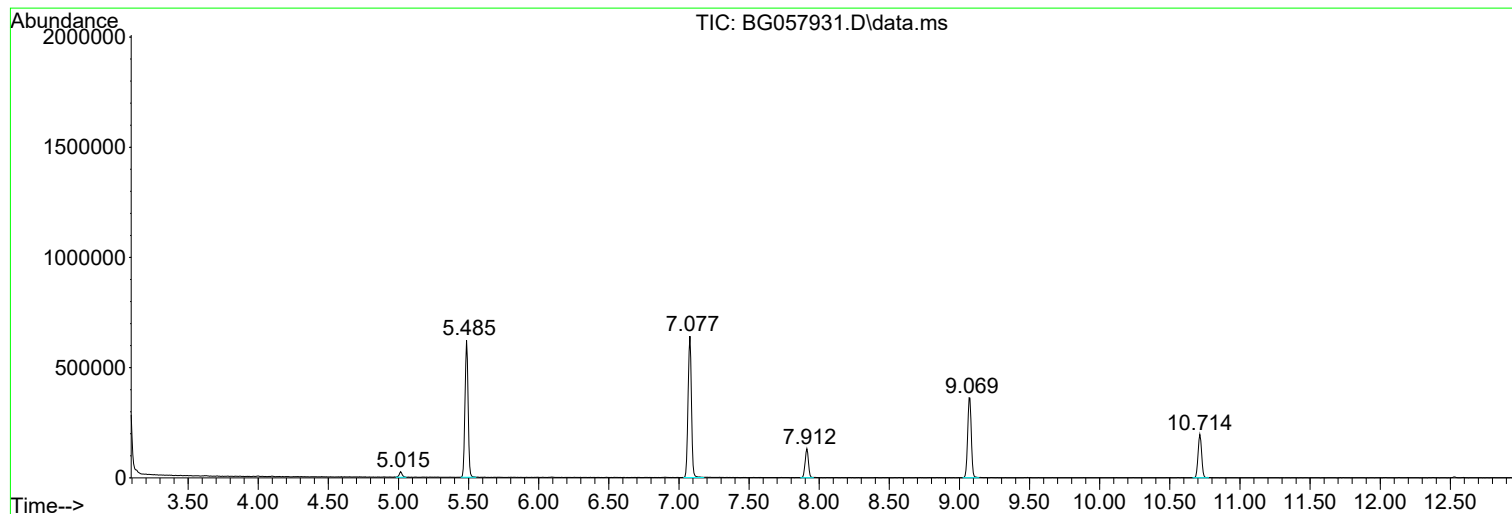
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Sample : 03360-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CE-91-062023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG062723.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\_G\Data\BG063023\  
Data File : BG057931.D  
Acq On : 30 Jun 2023 23:19  
Operator : CG/JU  
Sample : 03360-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CE-91-062023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG062723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

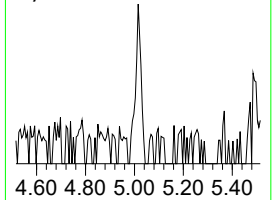
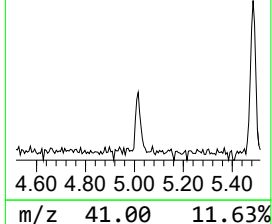
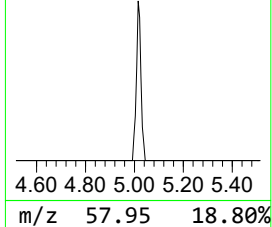
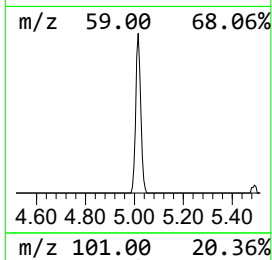
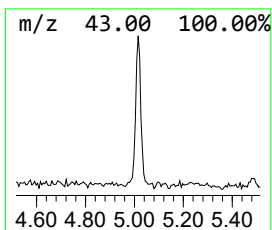
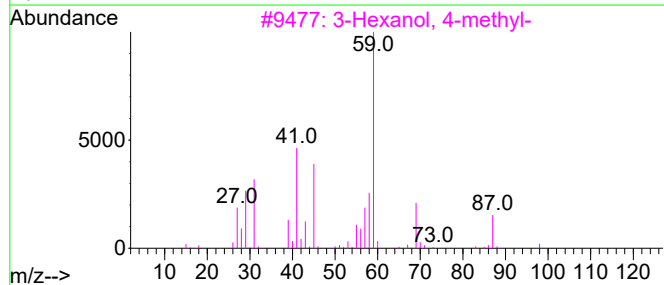
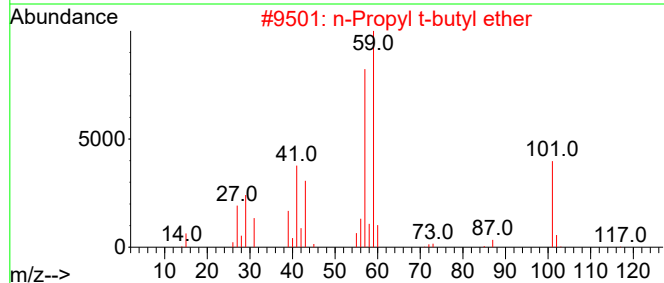
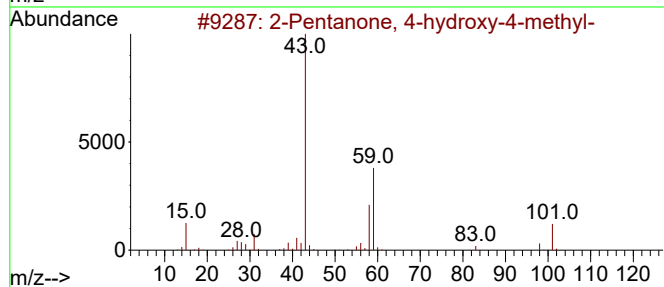
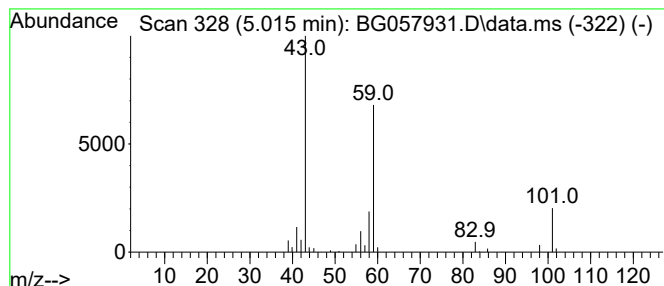
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.015 | 3.29 ng | 35749 | 1,4-Dichlorobenzene-d4 | 7.912 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2  | 50      |      |      |
| 2    | n-Propyl t-butyl ether              | 116 | C7H16O       | 1000334-81-9 | 33      |      |      |
| 3    | 3-Hexanol, 4-methyl-                | 116 | C7H16O       | 000615-29-2  | 25      |      |      |
| 4    | 2,3-Dimethyloxirane-2-carboxylic... | 130 | C6H10O3      | 1000306-64-4 | 23      |      |      |
| 5    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9  | 17      |      |      |



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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
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CE-91-062023

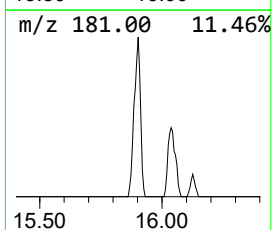
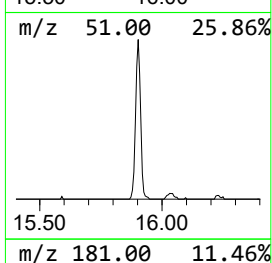
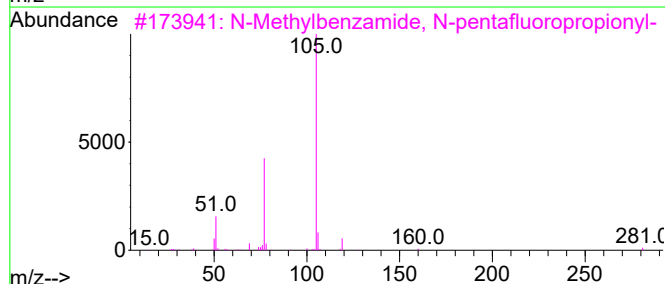
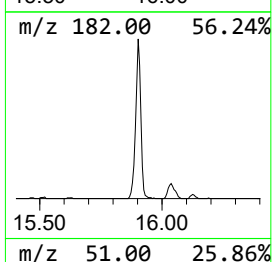
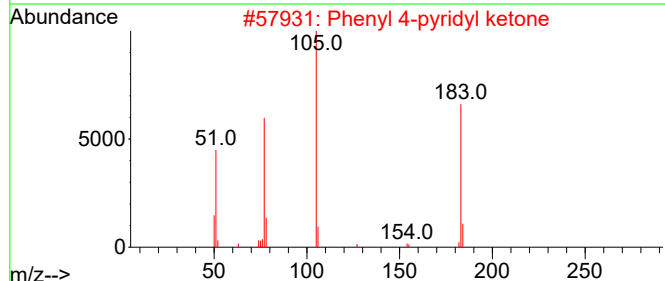
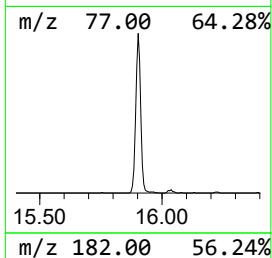
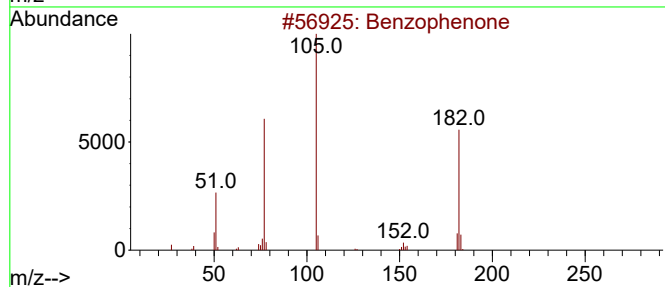
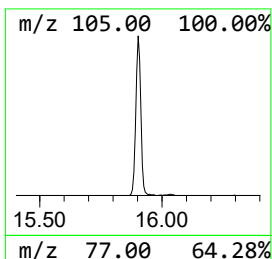
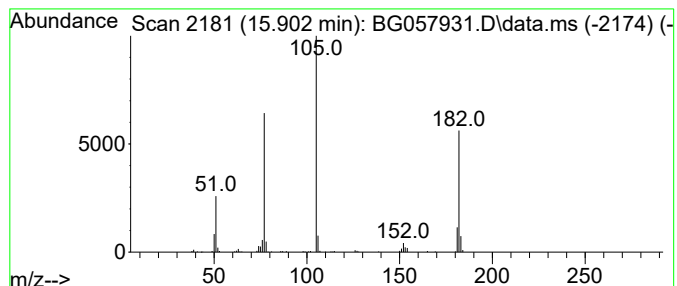
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG062723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.902 | 10.51 ng | 302147 | Acenaphthene-d10 | 14.545 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9  | 96   |
| 2    |    |   | Phenyl 4-pyridyl ketone             | 183 | C12H9NO    | 014548-46-0  | 53   |
| 3    |    |   | N-Methylbenzamide, N-pentafluoro... | 281 | C11H8F5NO2 | 1000446-98-1 | 47   |
| 4    |    |   | N-Methylbenzamide, N-trifluoroac... | 231 | C10H8F3NO2 | 1000446-91-5 | 47   |
| 5    |    |   | acetic acid, 2-bromo-, 2-oxo-2-p... | 256 | C10H9BrO3  | 1000401-50-0 | 47   |



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Instrument :  
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ClientSampleId :  
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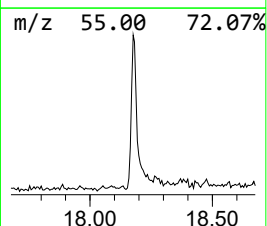
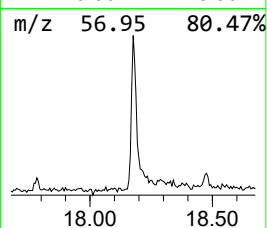
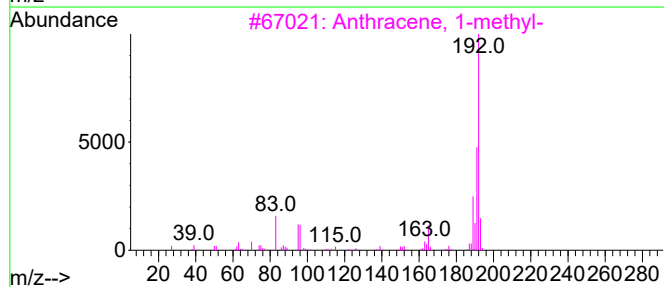
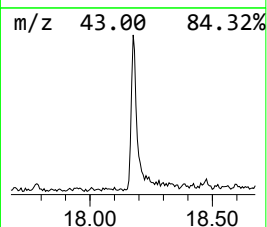
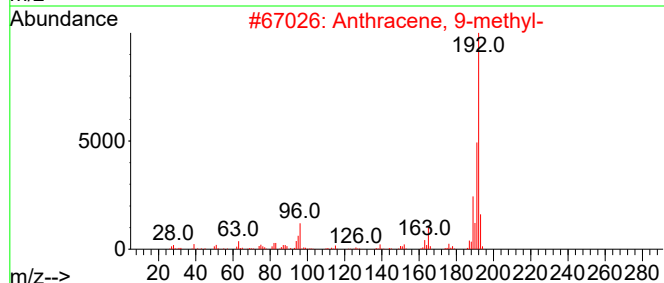
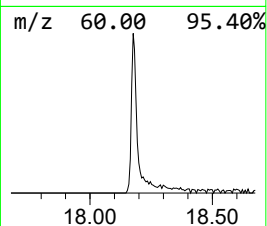
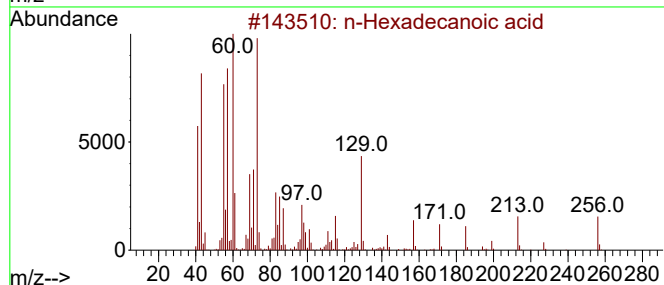
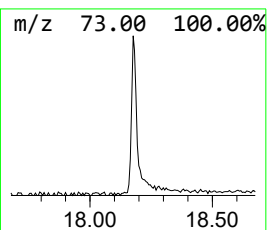
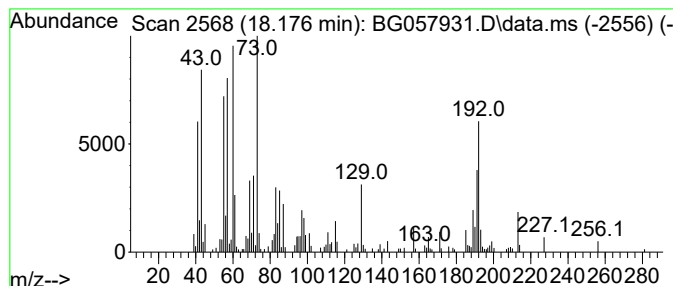
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG062723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.176 | 7.24 ng | 275840 | Phenanthrene-d10 | 17.289 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid   | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Anthracene, 9-methyl- | 192 | C15H12   | 000779-02-2 | 90   |
| 3    |    |   | Anthracene, 1-methyl- | 192 | C15H12   | 000610-48-0 | 90   |
| 4    |    |   | Tridecanoic acid      | 214 | C13H26O2 | 000638-53-9 | 70   |
| 5    |    |   | Anthracene, 2-methyl- | 192 | C15H12   | 000613-12-7 | 68   |



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BNA\_G  
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CE-91-062023

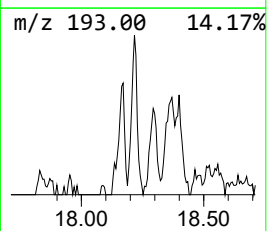
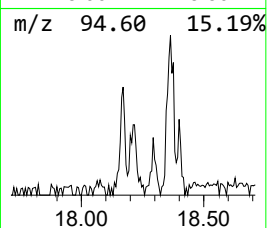
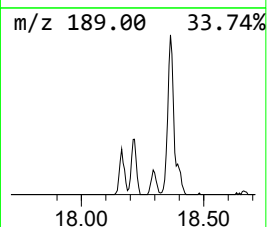
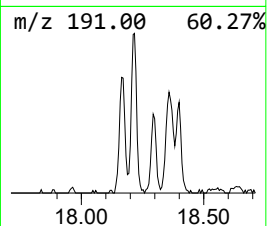
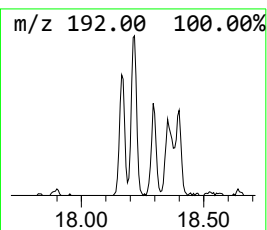
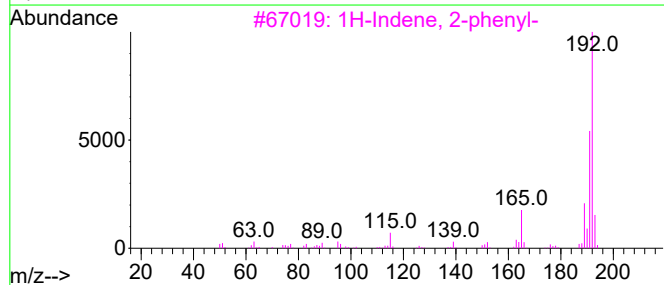
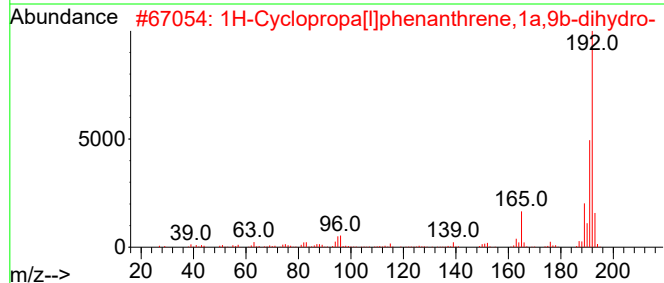
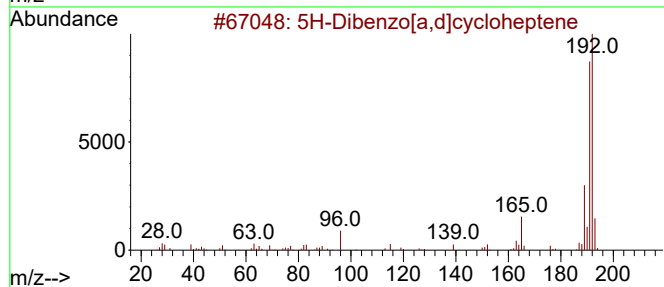
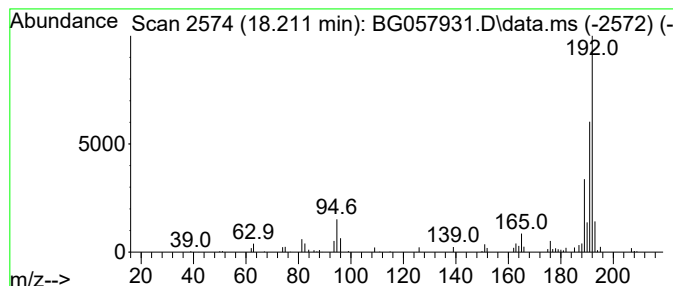
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 5H-Dibenzo[a,d]cycloheptene Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.211 | 3.14 ng | 119520 | Phenanthrene-d10 | 17.289 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 5H-Dibenzo[a,d]cycloheptene         | 192 | C15H12  | 000256-81-5 | 90   |
| 2    |    |   | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 81   |
| 3    |    |   | 1H-Indene, 2-phenyl-                | 192 | C15H12  | 004505-48-0 | 81   |
| 4    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 76   |
| 5    |    |   | Phenanthrene, 3-methyl-             | 192 | C15H12  | 000832-71-3 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG063023\  
Data File : BG057931.D  
Acq On : 30 Jun 2023 23:19  
Operator : CG/JU  
Sample : 03360-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CE-91-062023

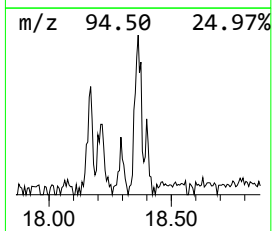
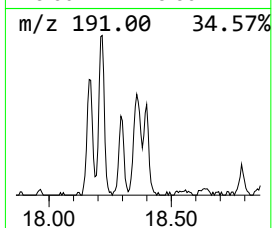
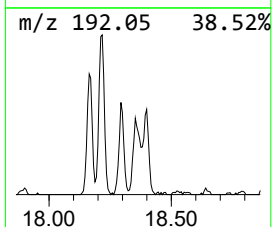
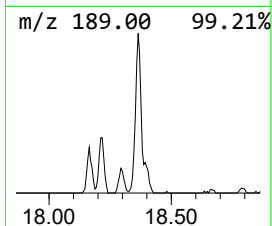
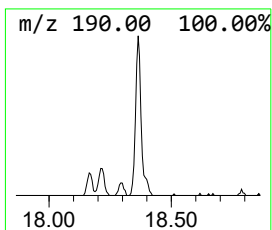
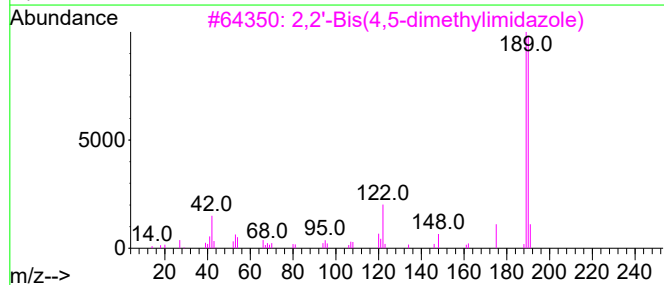
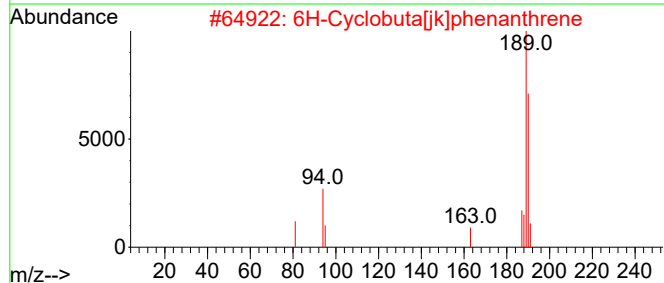
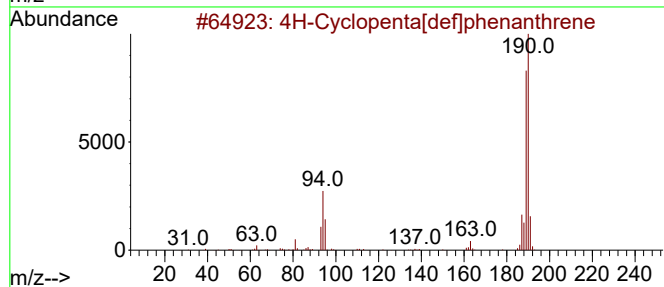
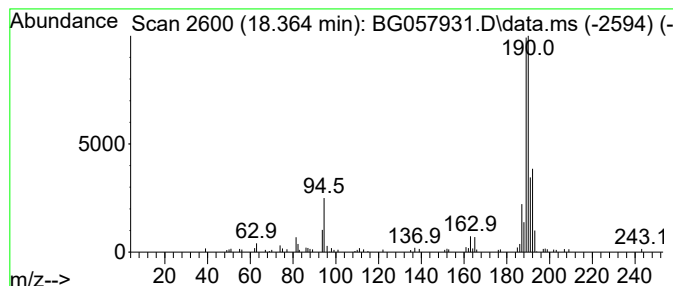
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 18.364    | 3.70 ng                             | 141048 | Phenanthrene-d10 | 17.289      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 4H-Cyclopenta[def]phenanthrene      | 190    | C15H10           | 000203-64-5 | 93   |
| 2         | 6H-Cyclobuta[jk]phenanthrene        | 190    | C15H10           | 083469-43-6 | 45   |
| 3         | 2,2'-Bis(4,5-dimethylimidazole)     | 190    | C10H14N4         | 069286-06-2 | 38   |
| 4         | Methyl diselenide                   | 190    | C2H6Se2          | 007101-31-7 | 38   |
| 5         | 1-(Phenylethynyl)-1H-1,2,3-benzo... | 219    | C14H9N3          | 209912-23-2 | 22   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG063023\  
Data File : BG057931.D  
Acq On : 30 Jun 2023 23:19  
Operator : CG/JU  
Sample : 03360-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CE-91-062023

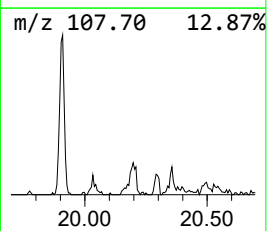
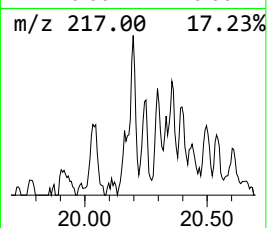
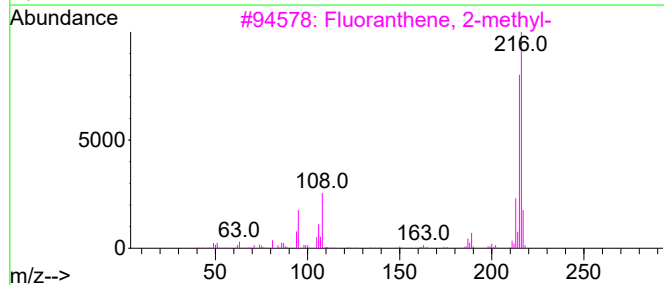
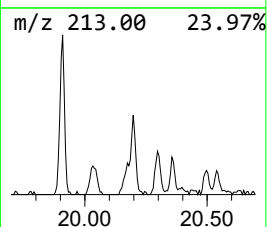
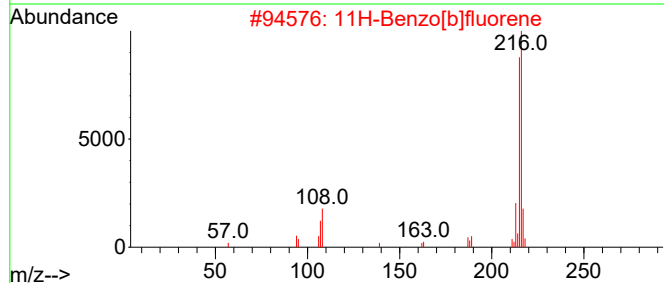
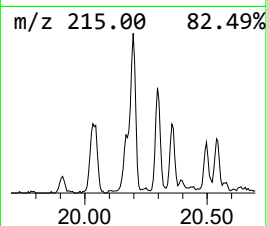
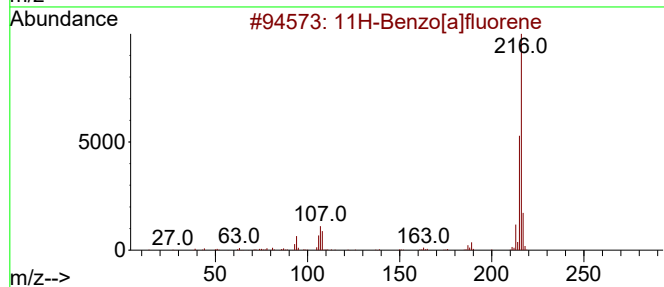
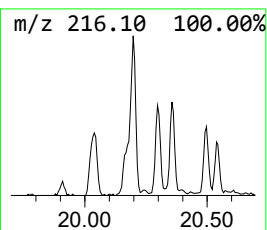
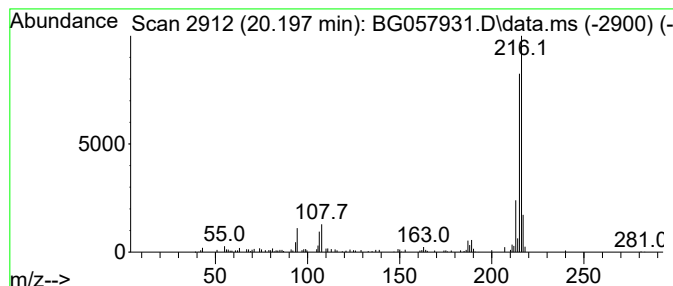
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.197 | 2.85 ng | 173456 | Chrysene-d12     | 21.543 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 93   |
| 2    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 3    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 91   |
| 4    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 90   |
| 5    |    |   | Pyrene, 2-methyl-       | 216 | C17H12  | 003442-78-2 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG063023\  
Data File : BG057931.D  
Acq On : 30 Jun 2023 23:19  
Operator : CG/JU  
Sample : 03360-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CE-91-062023

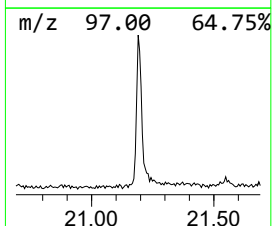
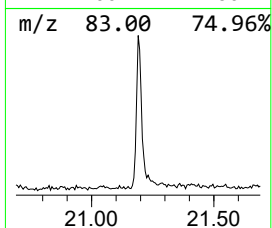
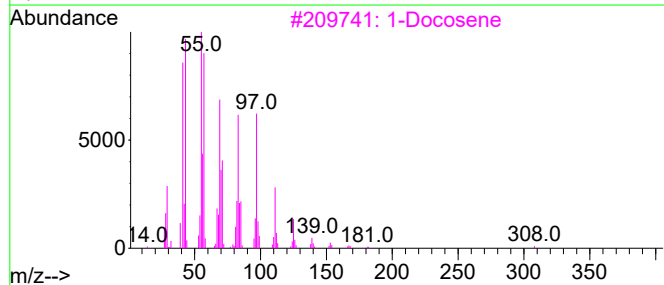
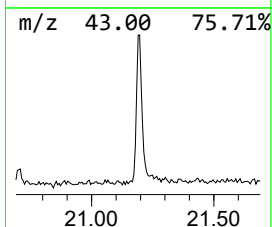
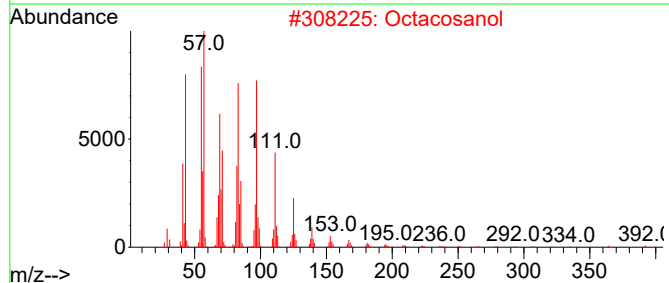
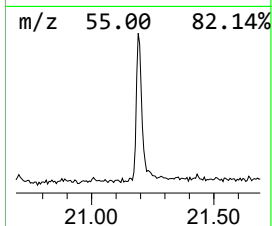
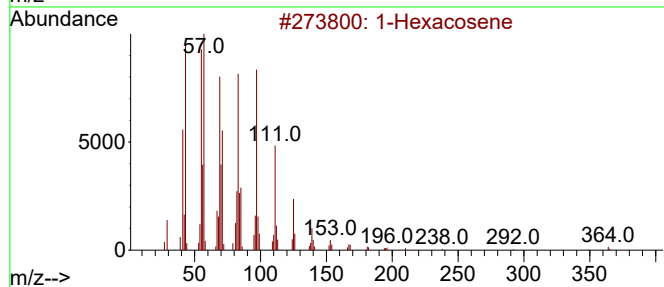
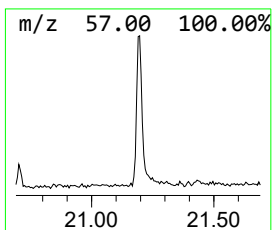
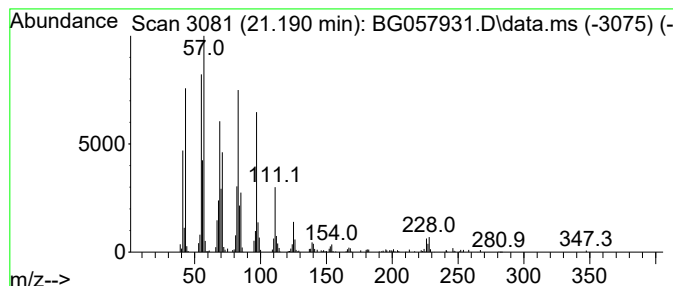
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 1-Hexacosene Concentration Rank 2

| R.T.      | EstConc          | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------|--------|------------------|-------------|------|
| 21.190    | 7.97 ng          | 484777 | Chrysene-d12     | 21.543      |      |
| Hit# of 5 | Tentative ID     | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Hexacosene     | 364    | C26H52           | 018835-33-1 | 91   |
| 2         | Octacosanol      | 410    | C28H58O          | 000557-61-9 | 91   |
| 3         | 1-Docosene       | 308    | C22H44           | 001599-67-3 | 91   |
| 4         | 1-Tricosene      | 322    | C23H46           | 018835-32-0 | 91   |
| 5         | Cyclotetracosane | 336    | C24H48           | 000297-03-0 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG063023\  
Data File : BG057931.D  
Acq On : 30 Jun 2023 23:19  
Operator : CG/JU  
Sample : 03360-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

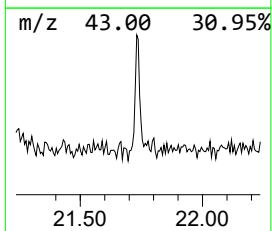
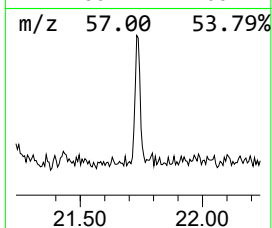
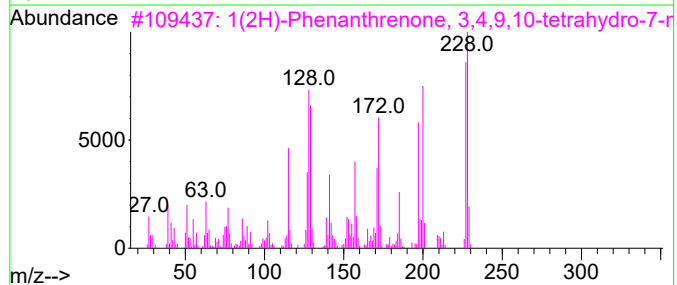
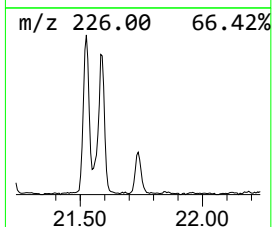
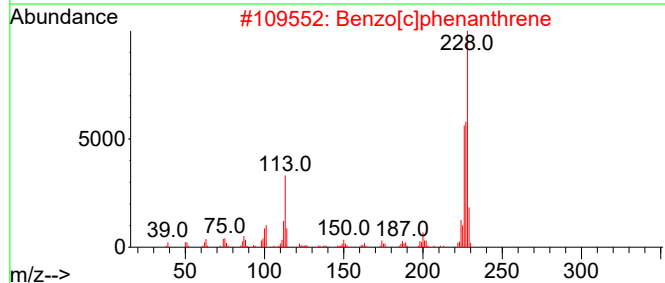
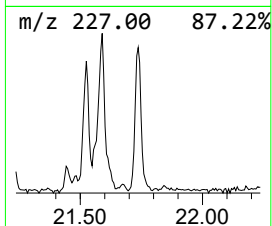
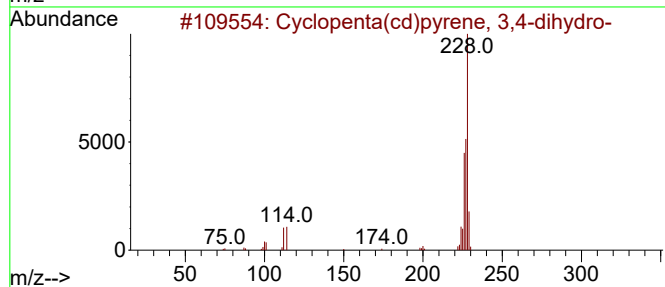
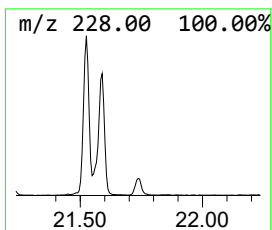
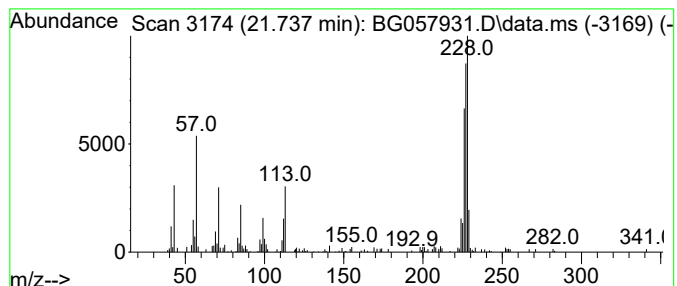
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BNA\_G  
ClientSampleId :  
CE-91-062023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG062723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 9

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 21.737    | 2.13 ng                             | 129382 | Chrysene-d12     | 21.543      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Cyclopenta(cd)pyrene, 3,4-dihydro-  | 228    | C18H12           | 025732-74-5 | 55   |
| 2         | Benzo[c]phenanthrene                | 228    | C18H12           | 000195-19-7 | 49   |
| 3         | 1(2H)-Phenanthrenone, 3,4,9,10-t... | 228    | C15H16O2         | 014427-61-3 | 47   |
| 4         | 1,3,5-Triazine-2(1H)-thione, 4-(... | 227    | C9H17N5S         | 023613-02-7 | 42   |
| 5         | Triphenylene                        | 228    | C18H12           | 000217-59-4 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG063023\  
Data File : BG057931.D  
Acq On : 30 Jun 2023 23:19  
Operator : CG/JU  
Sample : 03360-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CE-91-062023

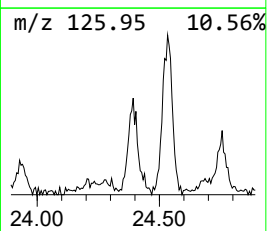
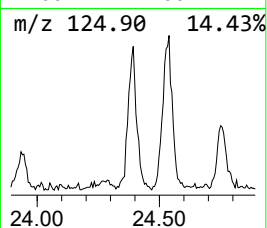
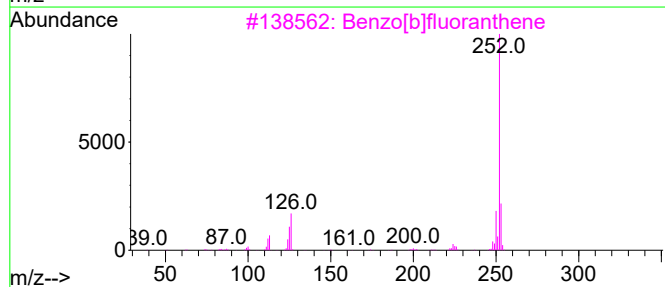
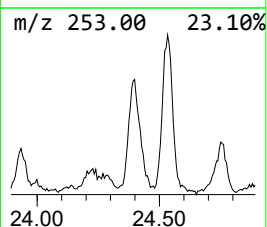
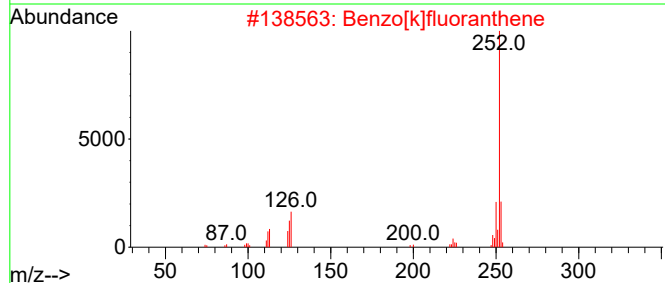
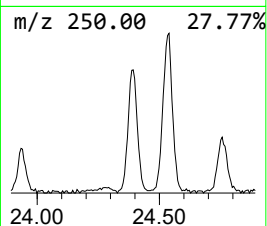
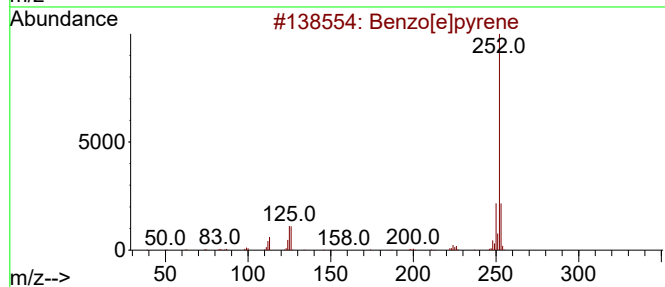
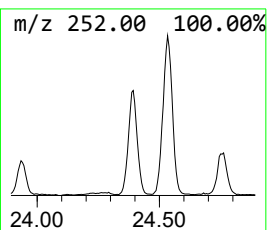
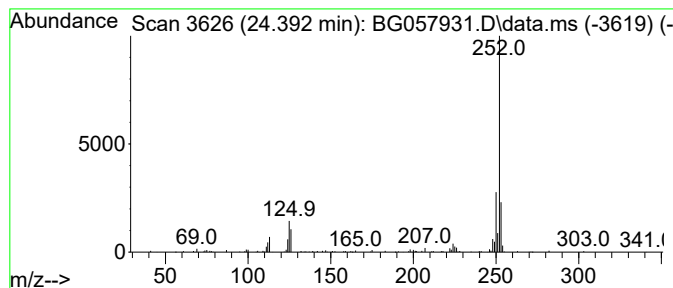
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Benzo[e]pyrene Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 24.392 | 6.34 ng | 281579 | Perylene-d12     | 24.686 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 98   |
| 2    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 97   |
| 3    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 95   |
| 4    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 94   |
| 5    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG063023\  
Data File : BG057931.D  
Acq On : 30 Jun 2023 23:19  
Operator : CG/JU  
Sample : 03360-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CE-91-062023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG062723.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-...  | 5.015  | 3.3     | ng    | 35749    | 1                     | 7.912  | 217503  | 20.0 |
| Benzophenone        | 15.902 | 10.5    | ng    | 302147   | 3                     | 14.545 | 574767  | 20.0 |
| n-Hexadecanoic ...  | 18.176 | 7.2     | ng    | 275840   | 4                     | 17.289 | 761528  | 20.0 |
| 5H-Dibenzo[a,d]...  | 18.211 | 3.1     | ng    | 119520   | 4                     | 17.289 | 761528  | 20.0 |
| 4H-Cyclopenta[d]... | 18.364 | 3.7     | ng    | 141048   | 4                     | 17.289 | 761528  | 20.0 |
| 11H-Benzo[a]flu...  | 20.197 | 2.9     | ng    | 173456   | 5                     | 21.543 | 1216010 | 20.0 |
| 1-Hexacosene        | 21.190 | 8.0     | ng    | 484777   | 5                     | 21.543 | 1216010 | 20.0 |
| Cyclopenta(cd)p...  | 21.737 | 2.1     | ng    | 129382   | 5                     | 21.543 | 1216010 | 20.0 |
| Benzo[e]pyrene      | 24.392 | 6.3     | ng    | 281579   | 6                     | 24.686 | 888721  | 20.0 |