

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
 Data File : BG056544.D  
 Acq On : 3 Feb 2023 18:33  
 Operator : CG/JU  
 Sample : 01418-07 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JPP-18A-020223

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-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056544.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         | 5.310       | 339           | 344         | 355          | rBB      | 10192          | 16089         | 1.09%           | 0.118%        |
| 2         | 5.797       | 421           | 427         | 436          | rBV      | 39970          | 72617         | 4.90%           | 0.533%        |
| 3         | 7.425       | 697           | 704         | 712          | rBV      | 43262          | 78058         | 5.27%           | 0.572%        |
| 4         | 8.271       | 841           | 848         | 859          | rBB      | 140331         | 243985        | 16.47%          | 1.789%        |
| 5         | 9.446       | 1042          | 1048        | 1059         | rBB      | 27878          | 49438         | 3.34%           | 0.363%        |
| 6         | 11.109      | 1322          | 1331        | 1337         | rBV      | 183852         | 329718        | 22.26%          | 2.418%        |
| 7         | 13.518      | 1734          | 1741        | 1749         | rBB      | 108356         | 162111        | 10.94%          | 1.189%        |
| 8         | 14.893      | 1963          | 1975        | 1982         | rBV      | 311392         | 498221        | 33.64%          | 3.654%        |
| 9         | 14.957      | 1982          | 1986        | 1993         | rVB3     | 37715          | 57946         | 3.91%           | 0.425%        |
| 10        | 15.286      | 2035          | 2042        | 2048         | rBV2     | 18593          | 30079         | 2.03%           | 0.221%        |
| 11        | 15.933      | 2146          | 2152        | 2160         | rVB      | 33330          | 54288         | 3.67%           | 0.398%        |
| 12        | 16.226      | 2198          | 2202        | 2210         | rVB2     | 16398          | 29343         | 1.98%           | 0.215%        |
| 13        | 16.373      | 2222          | 2227        | 2236         | rBV3     | 77419          | 128529        | 8.68%           | 0.943%        |
| 14        | 16.931      | 2319          | 2322        | 2326         | rVB4     | 10654          | 15089         | 1.02%           | 0.111%        |
| 15        | 17.155      | 2353          | 2360        | 2364         | rBV4     | 10165          | 22447         | 1.52%           | 0.165%        |
| 16        | 17.284      | 2376          | 2382        | 2389         | rVB      | 19324          | 33214         | 2.24%           | 0.244%        |
| 17        | 17.355      | 2389          | 2394        | 2396         | rBV4     | 11264          | 21084         | 1.42%           | 0.155%        |
| 18        | 17.378      | 2396          | 2398        | 2405         | rVV3     | 15323          | 24132         | 1.63%           | 0.177%        |
| 19        | 17.454      | 2407          | 2411        | 2418         | rVB      | 23900          | 39678         | 2.68%           | 0.291%        |
| 20        | 17.631      | 2435          | 2441        | 2445         | rBV      | 379789         | 617428        | 41.68%          | 4.528%        |
| 21        | 17.678      | 2445          | 2449        | 2455         | rVV      | 499548         | 735799        | 49.67%          | 5.396%        |
| 22        | 17.766      | 2459          | 2464        | 2470         | rVV      | 108110         | 156975        | 10.60%          | 1.151%        |
| 23        | 18.030      | 2501          | 2509        | 2513         | rBV2     | 25249          | 50913         | 3.44%           | 0.373%        |
| 24        | 18.142      | 2523          | 2528        | 2533         | rBV      | 20184          | 31630         | 2.14%           | 0.232%        |
| 25        | 18.500      | 2582          | 2589        | 2593         | rBV      | 72023          | 114758        | 7.75%           | 0.842%        |
| 26        | 18.547      | 2593          | 2597        | 2603         | rVB      | 89857          | 139929        | 9.45%           | 1.026%        |
| 27        | 18.629      | 2606          | 2611        | 2615         | rVB      | 39083          | 58268         | 3.93%           | 0.427%        |
| 28        | 18.700      | 2616          | 2623        | 2626         | rBV2     | 105634         | 210438        | 14.21%          | 1.543%        |
| 29        | 18.988      | 2667          | 2672        | 2676         | rBV      | 71232          | 102985        | 6.95%           | 0.755%        |
| 30        | 19.035      | 2676          | 2680        | 2686         | rVV2     | 40510          | 59546         | 4.02%           | 0.437%        |
| 31        | 19.111      | 2690          | 2693        | 2698         | rVB3     | 12152          | 15094         | 1.02%           | 0.111%        |
| 32        | 19.229      | 2710          | 2713        | 2717         | rVB4     | 24227          | 31243         | 2.11%           | 0.229%        |
| 33        | 19.282      | 2719          | 2722        | 2726         | rVV      | 15343          | 18922         | 1.28%           | 0.139%        |
| 34        | 19.317      | 2726          | 2728        | 2731         | rVB      | 17184          | 17399         | 1.17%           | 0.128%        |
| 35        | 19.399      | 2737          | 2742        | 2746         | rBV      | 42204          | 76431         | 5.16%           | 0.561%        |
| 36        | 19.552      | 2762          | 2768        | 2776         | rBV2     | 46796          | 109667        | 7.40%           | 0.804%        |

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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-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 19.669 | 2781 | 2788 | 2794 | rBV  | 1030858 | 1421099 | 95.94%  | 10.422% |
| 38 | 19.993 | 2838 | 2843 | 2845 | rBV  | 153637  | 236610  | 15.97%  | 1.735%  |
| 39 | 20.034 | 2845 | 2850 | 2856 | rVV  | 918706  | 1370624 | 92.53%  | 10.052% |
| 40 | 20.092 | 2856 | 2860 | 2865 | rVB2 | 44454   | 74982   | 5.06%   | 0.550%  |
| 41 | 20.204 | 2875 | 2879 | 2884 | rVB2 | 217915  | 284679  | 19.22%  | 2.088%  |
| 42 | 20.269 | 2887 | 2890 | 2896 | rVB  | 34019   | 50036   | 3.38%   | 0.367%  |
| 43 | 20.345 | 2898 | 2903 | 2909 | rVV3 | 56041   | 134075  | 9.05%   | 0.983%  |
| 44 | 20.510 | 2928 | 2931 | 2937 | rVB  | 109453  | 155389  | 10.49%  | 1.140%  |
| 45 | 20.610 | 2944 | 2948 | 2952 | rBV2 | 73805   | 112049  | 7.56%   | 0.822%  |
| 46 | 20.809 | 2979 | 2982 | 2986 | rBV  | 51382   | 68813   | 4.65%   | 0.505%  |
| 47 | 20.856 | 2987 | 2990 | 2997 | rVB  | 52097   | 83363   | 5.63%   | 0.611%  |
| 48 | 21.291 | 3061 | 3064 | 3070 | rVB  | 64676   | 100016  | 6.75%   | 0.733%  |
| 49 | 21.526 | 3101 | 3104 | 3108 | rVB  | 62751   | 88966   | 6.01%   | 0.652%  |
| 50 | 21.585 | 3109 | 3114 | 3119 | rBV2 | 70724   | 119885  | 8.09%   | 0.879%  |
| 51 | 21.914 | 3163 | 3170 | 3176 | rBV2 | 531592  | 1481229 | 100.00% | 10.863% |
| 52 | 21.973 | 3176 | 3180 | 3192 | rVB  | 367772  | 680801  | 45.96%  | 4.993%  |
| 53 | 22.137 | 3204 | 3208 | 3213 | rVB  | 77650   | 126457  | 8.54%   | 0.927%  |
| 54 | 24.252 | 3561 | 3568 | 3577 | rBV  | 265241  | 914242  | 61.72%  | 6.705%  |
| 55 | 25.034 | 3695 | 3701 | 3716 | rVB  | 169032  | 514106  | 34.71%  | 3.770%  |
| 56 | 25.192 | 3720 | 3728 | 3738 | rVB  | 243445  | 697163  | 47.07%  | 5.113%  |
| 57 | 25.351 | 3748 | 3755 | 3763 | rVB2 | 175371  | 467491  | 31.56%  | 3.428%  |

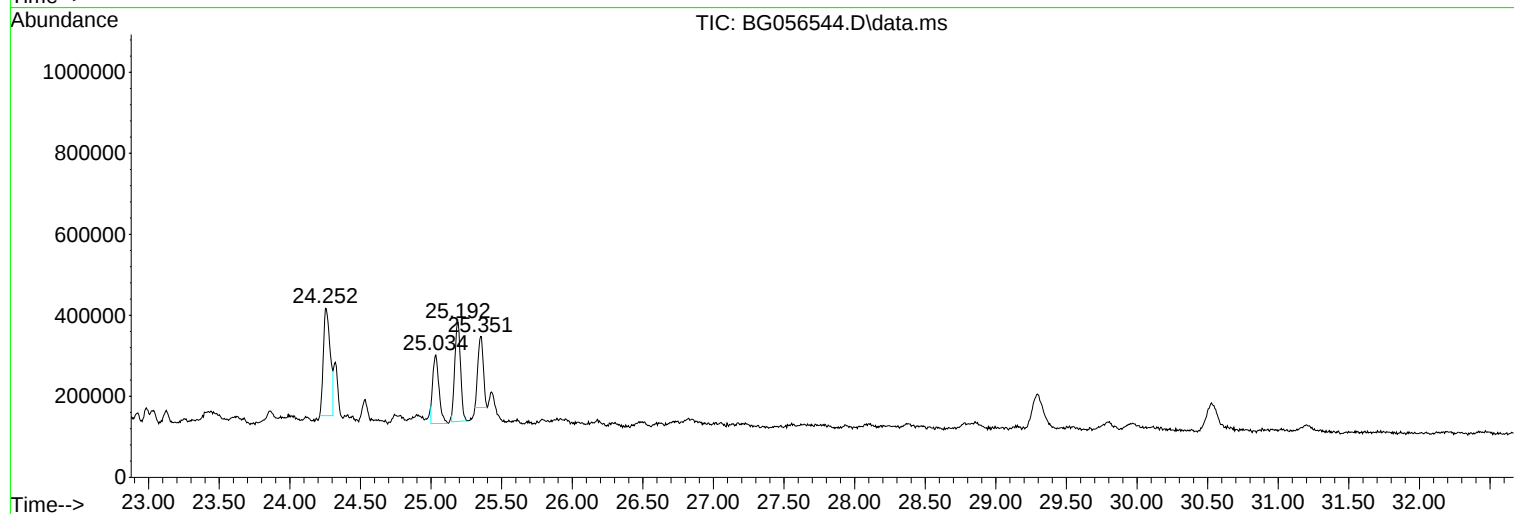
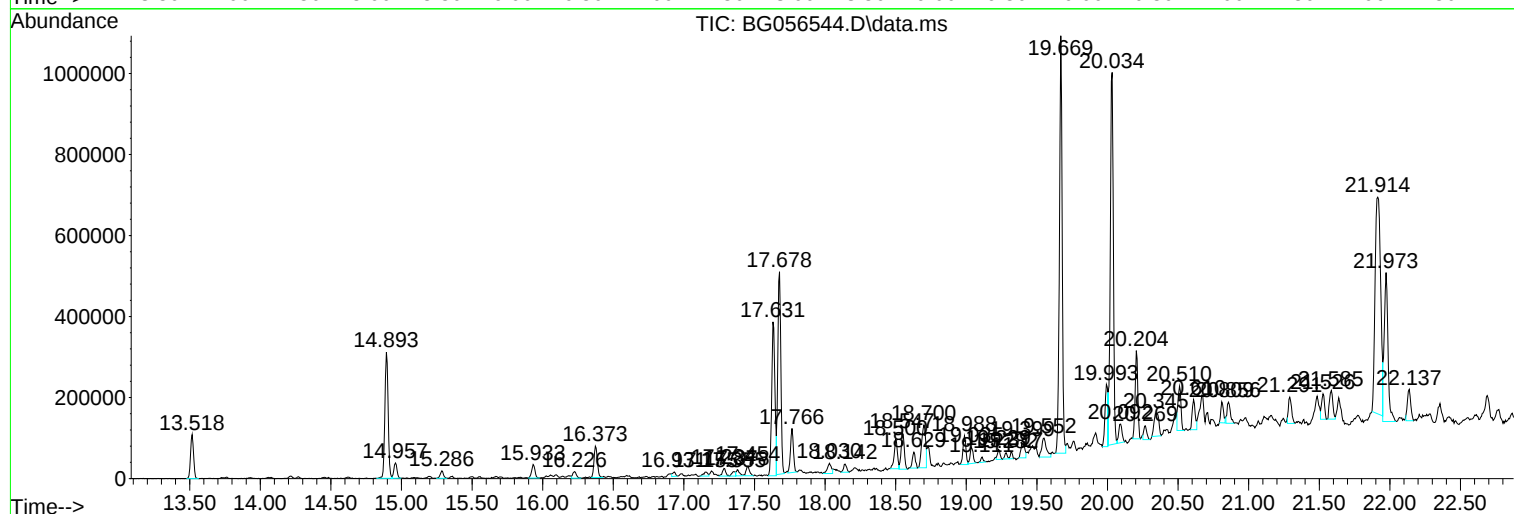
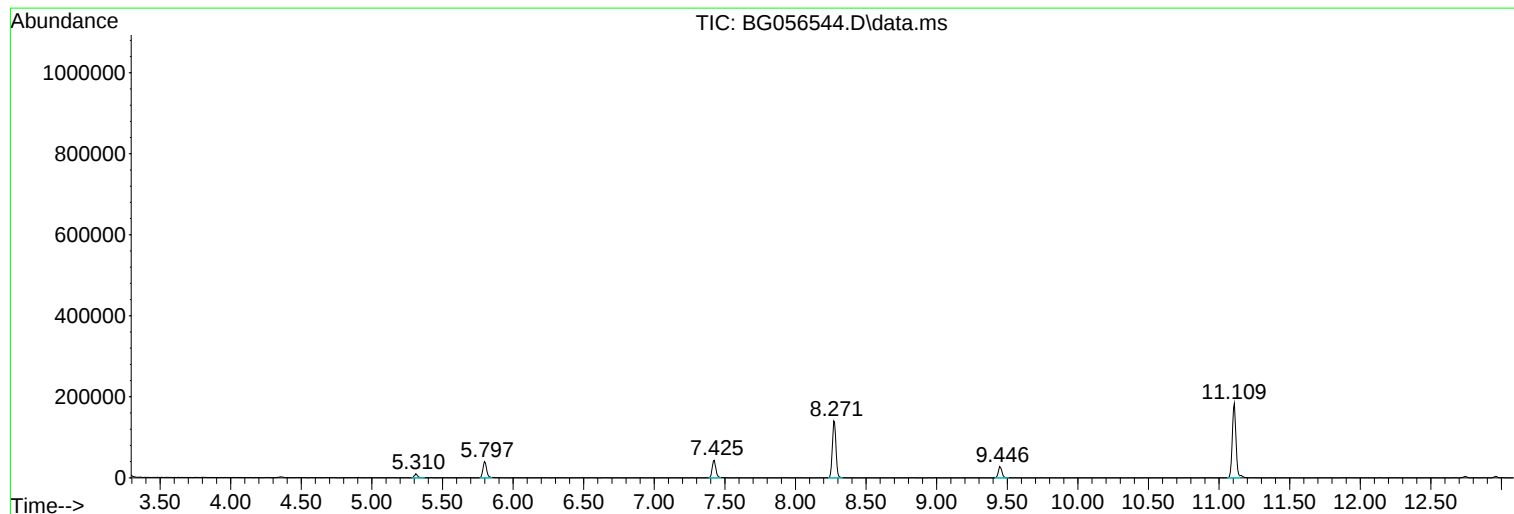
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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JPP-18A-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.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\BG020323\  
Data File : BG056544.D  
Acq On : 3 Feb 2023 18:33  
Operator : CG/JU  
Sample : 01418-07 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JPP-18A-020223

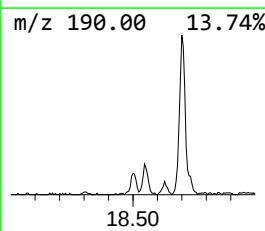
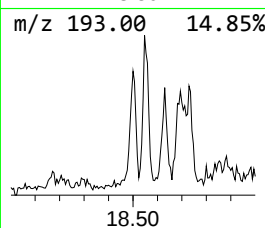
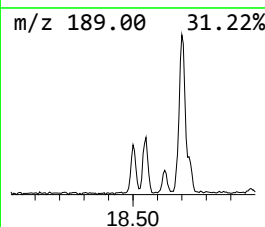
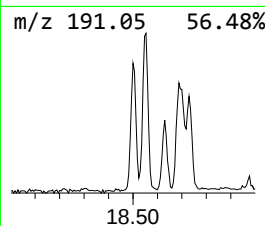
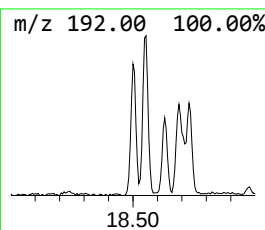
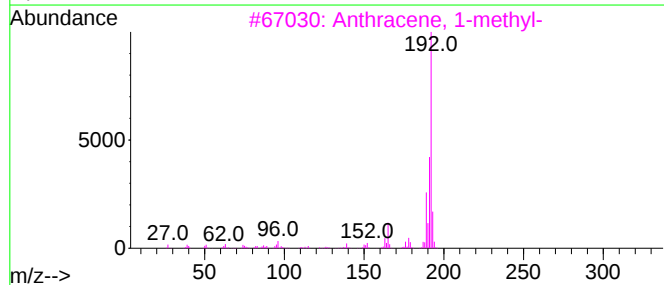
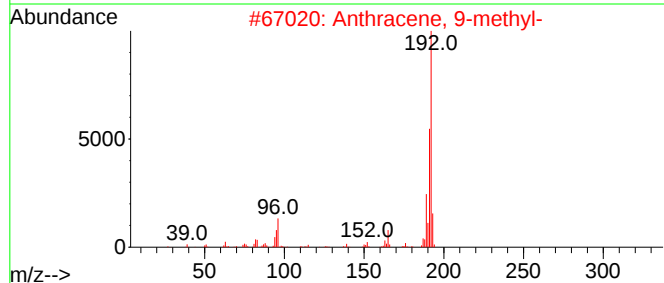
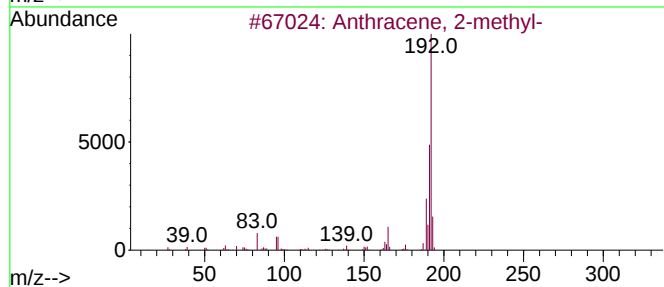
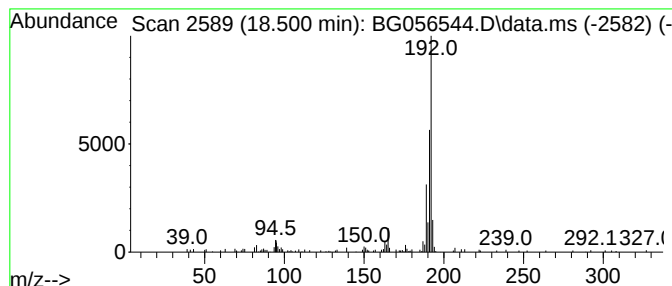
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Anthracene, 2-methyl- Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.500 | 3.72 ng | 114758 | Phenanthrene-d10 | 17.631 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 96   |
| 2    |      | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 94   |
| 3    |      | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 93   |
| 4    |      | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 93   |
| 5    |      | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 90   |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JPP-18A-020223

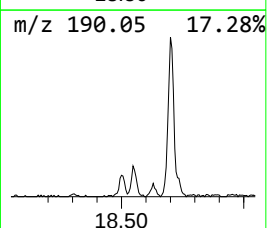
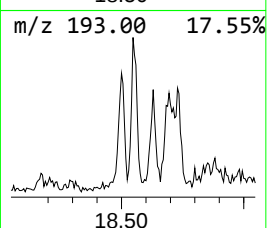
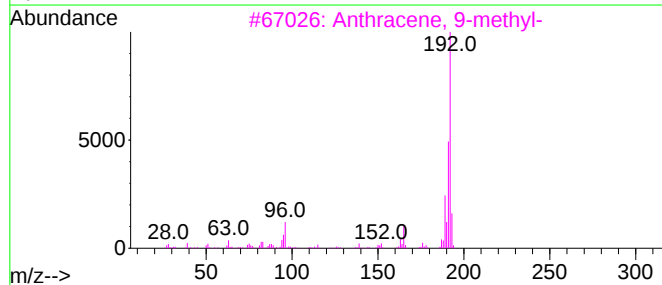
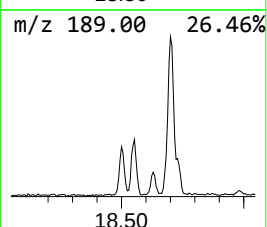
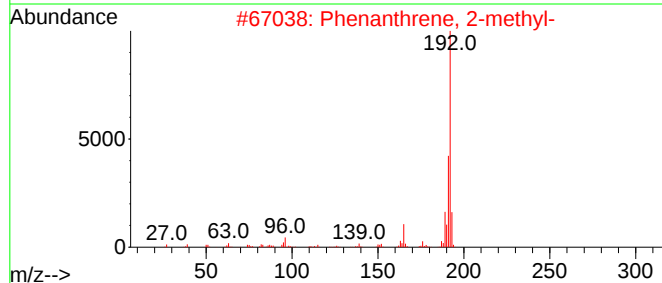
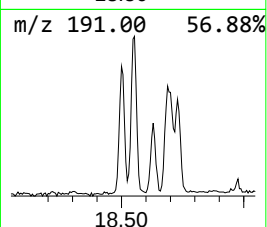
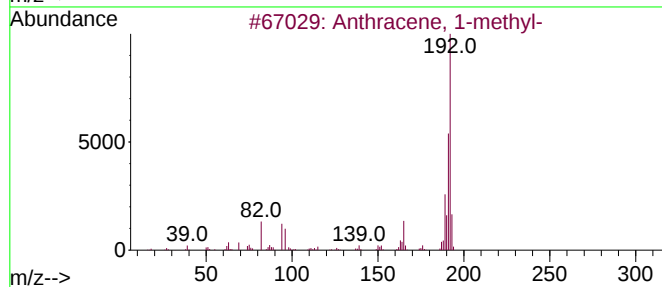
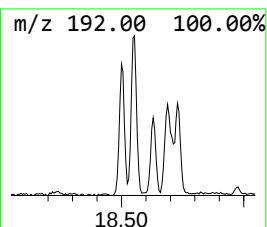
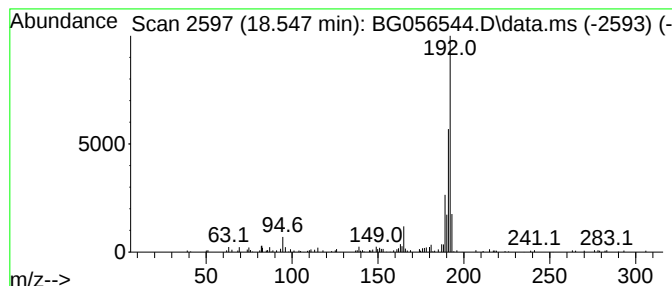
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.547 | 4.53 ng | 139929 | Phenanthrene-d10 | 17.631 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 91   |
| 2    |      | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 91   |
| 3    |      | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 90   |
| 4    |      | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 90   |
| 5    |      | 1H-Indene, 2-phenyl-    | 192 | C15H12  | 004505-48-0 | 87   |



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BNA\_G  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

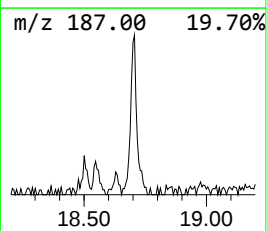
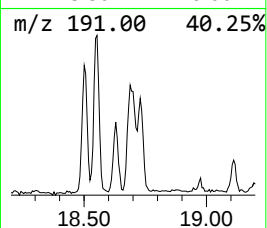
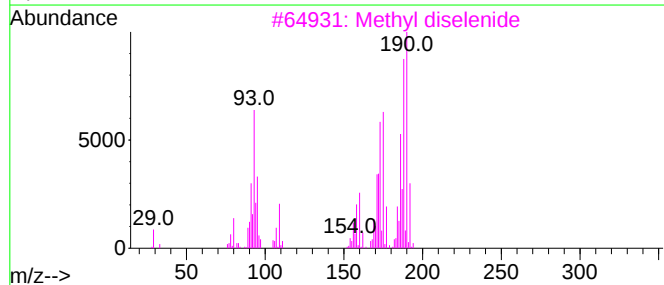
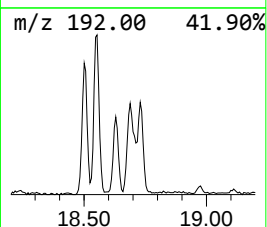
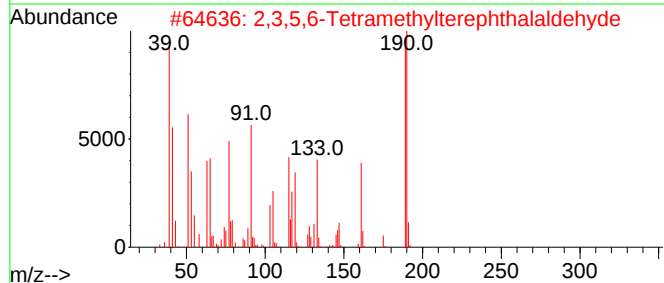
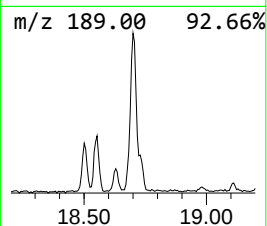
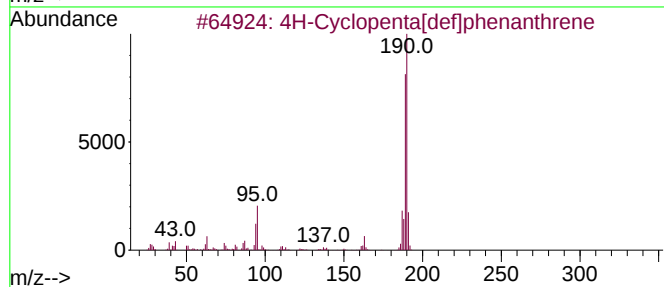
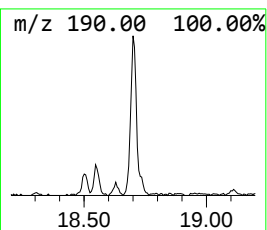
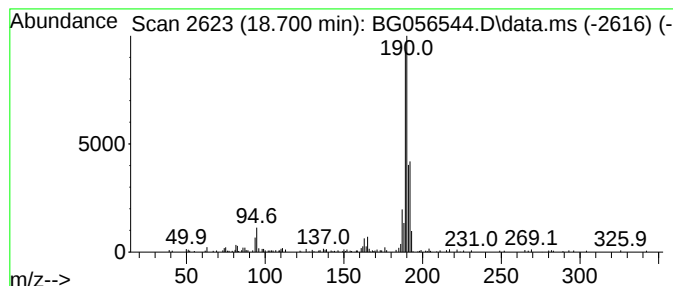
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.700 | 6.82 ng | 210438 | Phenanthrene-d10 | 17.631 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10   | 000203-64-5 | 83   |
| 2    |    |   | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 43   |
| 3    |    |   | Methyl diselenide                   | 190 | C2H6Se2  | 007101-31-7 | 38   |
| 4    |    |   | 1,4-Naphthalenedione, 2,5-dihydr... | 190 | C10H6O4  | 004923-55-1 | 35   |
| 5    |    |   | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4 | 069286-06-2 | 25   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

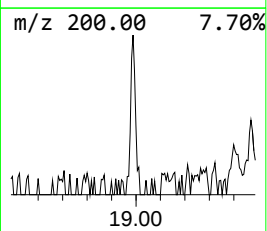
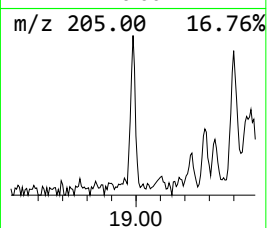
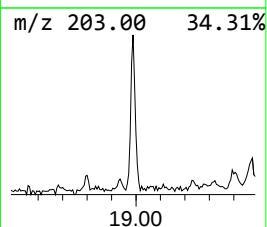
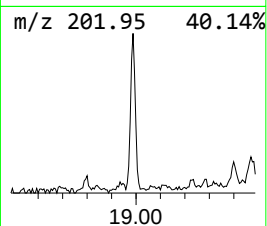
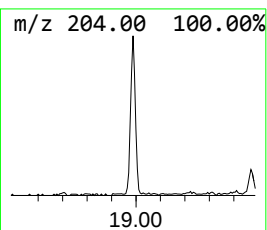
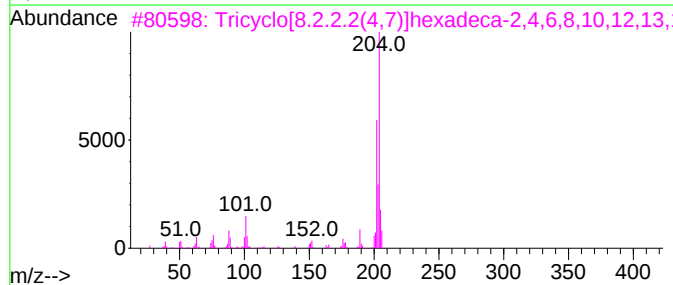
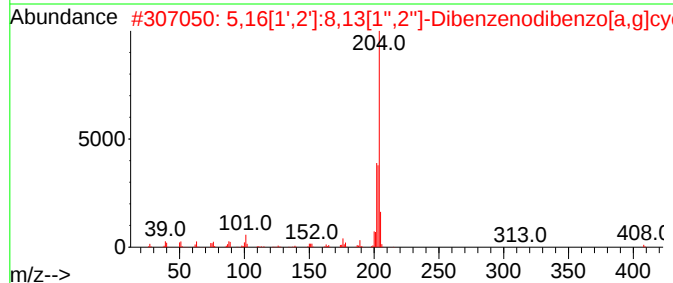
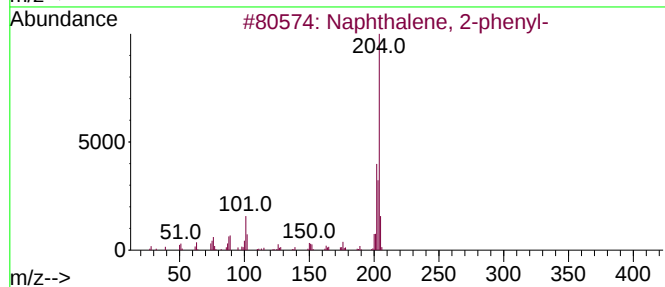
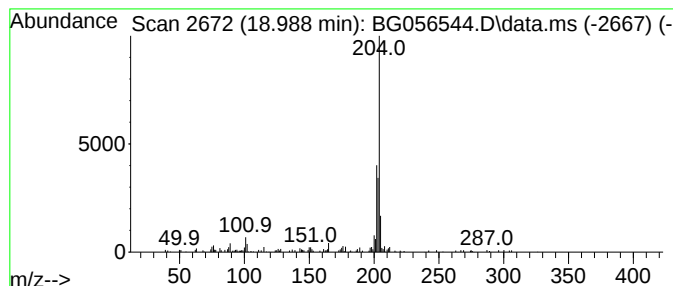
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.988 | 3.34 ng | 102985 | Phenanthrene-d10 | 17.631 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-phenyl-              | 204 | C16H12  | 000612-94-2 | 94   |
| 2    |    |   | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24  | 005672-97-9 | 91   |
| 3    |    |   | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12  | 006572-60-7 | 62   |
| 4    |    |   | 3,4-Biphenyldicarbonitrile          | 204 | C14H8N2 | 004128-63-6 | 53   |
| 5    |    |   | Naphthalene, 1-phenyl-              | 204 | C16H12  | 000605-02-7 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056544.D  
Acq On : 3 Feb 2023 18:33  
Operator : CG/JU  
Sample : 01418-07 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JPP-18A-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

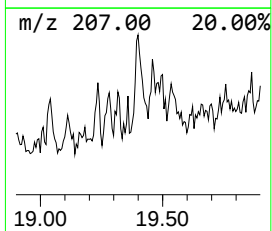
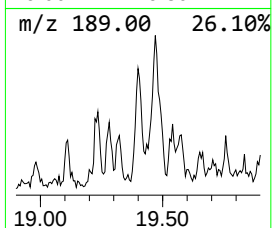
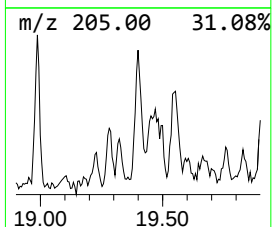
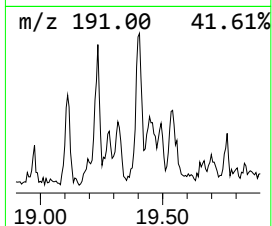
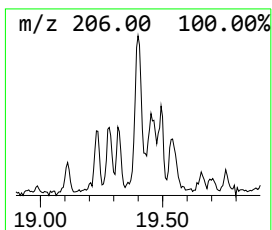
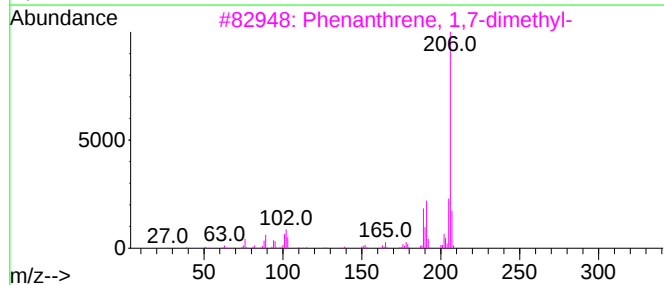
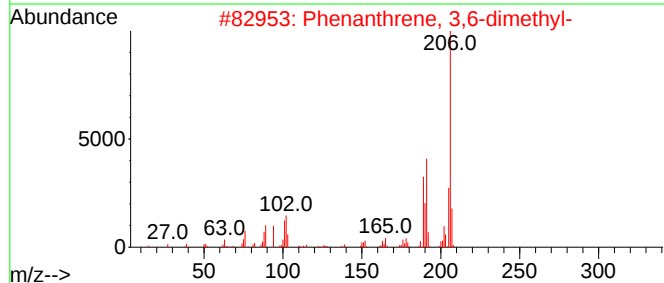
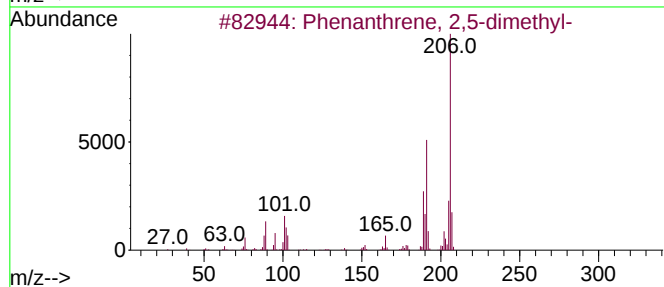
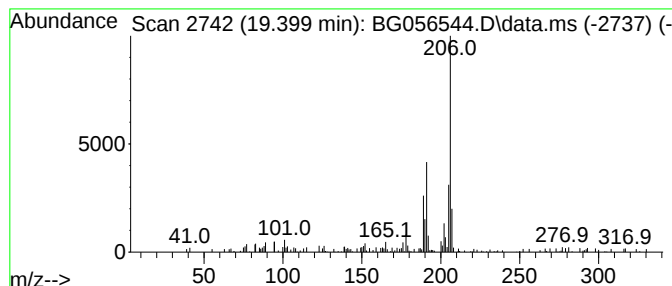
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 19.399 | 2.48 ng | 76431 | Phenanthrene-d10 | 17.631 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------------|-----|---------|--------------|------|
| 1    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6  | 95   |
| 2    |    |   | Phenanthrene, 3,6-dimethyl- | 206 | C16H14  | 001576-67-6  | 93   |
| 3    |    |   | Phenanthrene, 1,7-dimethyl- | 206 | C16H14  | 000483-87-4  | 90   |
| 4    |    |   | Phenanthrene, 2,3-dimethyl- | 206 | C16H14  | 003674-65-5  | 87   |
| 5    |    |   | 3,4-Dimethylphenanthrene    | 206 | C16H14  | 1000452-24-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056544.D  
Acq On : 3 Feb 2023 18:33  
Operator : CG/JU  
Sample : 01418-07 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JPP-18A-020223

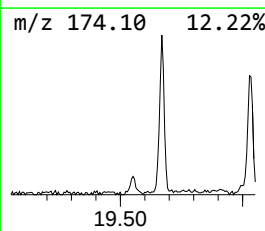
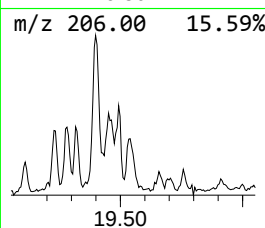
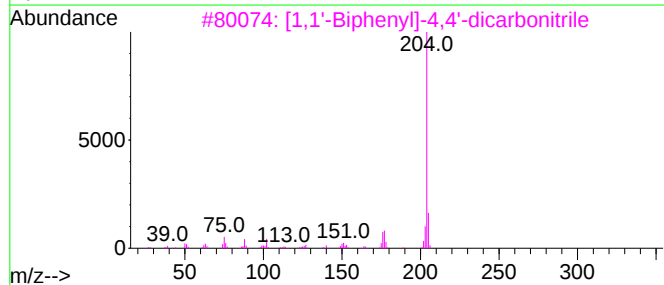
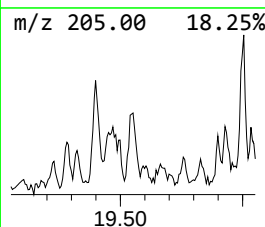
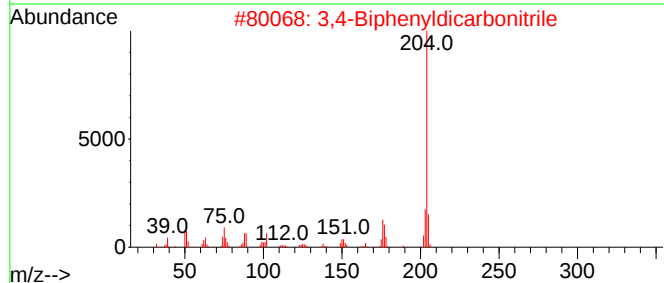
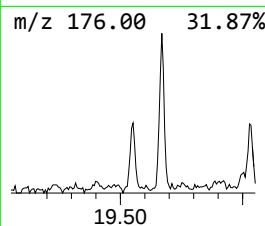
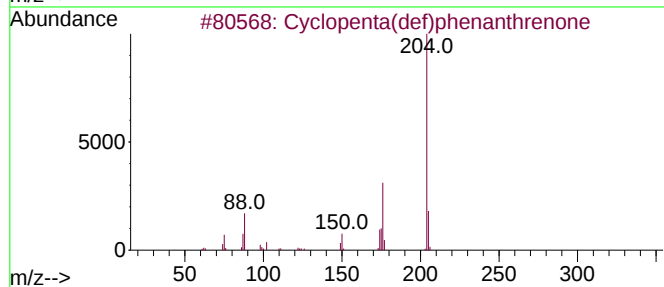
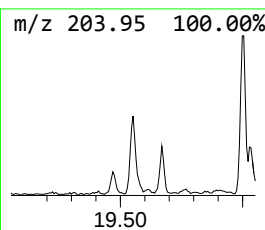
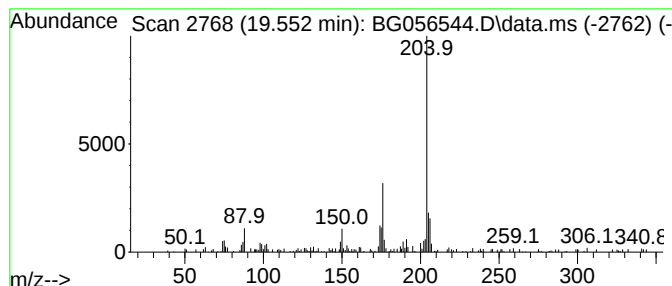
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.552    | 3.55 ng                             | 109667 | Phenanthrene-d10 | 17.631      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Cyclopenta(def)phenanthrenone       | 204    | C15H8O           | 005737-13-3 | 91   |
| 2         | 3,4-Biphenyldicarbonitrile          | 204    | C14H8N2          | 004128-63-6 | 64   |
| 3         | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204    | C14H8N2          | 001591-30-6 | 59   |
| 4         | [1,1'-Biphenyl]-2,2'-dicarbonitrile | 204    | C14H8N2          | 004341-02-0 | 59   |
| 5         | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204    | C15H24           | 137235-51-9 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056544.D  
Acq On : 3 Feb 2023 18:33  
Operator : CG/JU  
Sample : 01418-07 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JPP-18A-020223

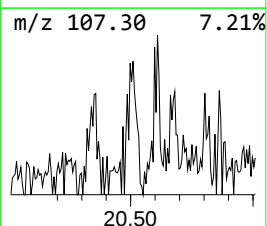
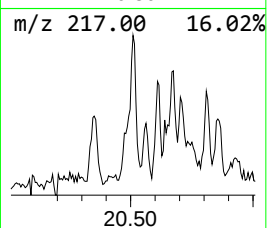
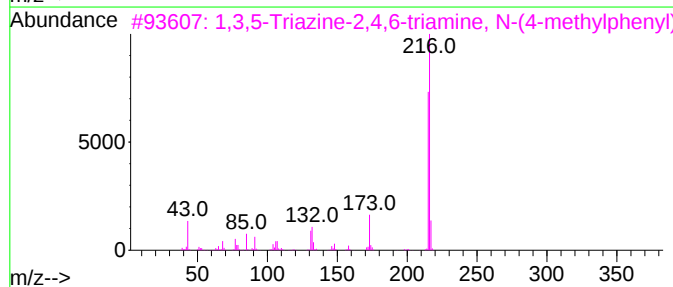
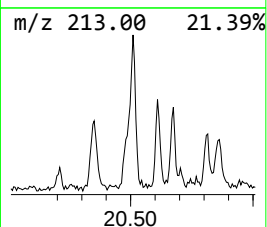
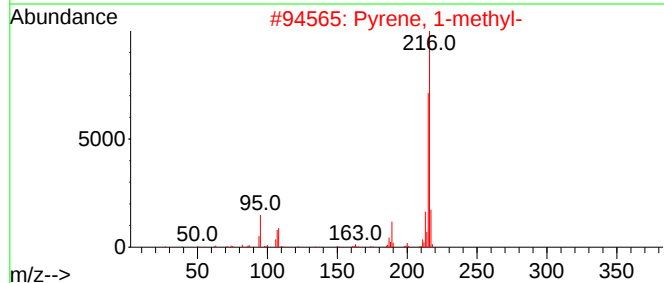
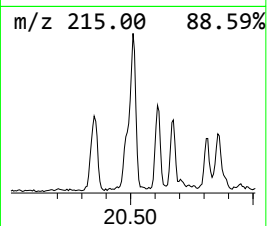
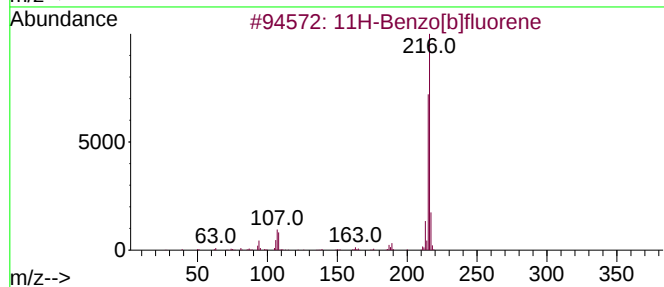
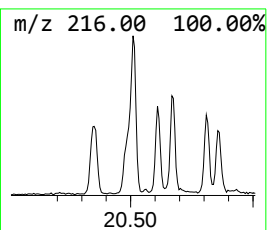
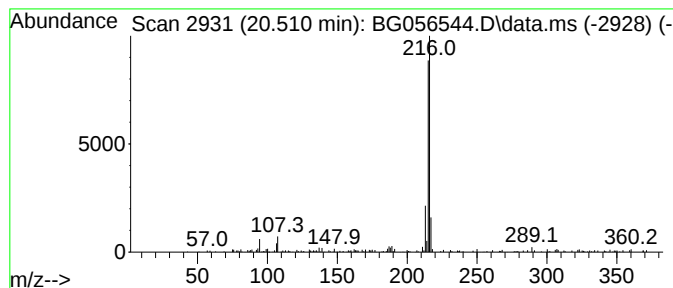
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.510 | 2.10 ng | 155389 | Chrysene-d12     | 21.926 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 11H-Benzo[b]fluorene                | 216 | C17H12    | 000243-17-4  | 86   |
| 2    |    |   | Pyrene, 1-methyl-                   | 216 | C17H12    | 002381-21-7  | 86   |
| 3    |    |   | 1,3,5-Triazine-2,4,6-triamine, N... | 216 | C10H12N6  | 046731-79-7  | 72   |
| 4    |    |   | trans-p-(Trifluoromethyl)cinnami... | 216 | C10H7F3O2 | 016642-92-5  | 64   |
| 5    |    |   | 6H-Thiazolo[5,4-e]indole, 2,7,8-... | 216 | C12H12N2S | 1000338-32-0 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056544.D  
Acq On : 3 Feb 2023 18:33  
Operator : CG/JU  
Sample : 01418-07 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JPP-18A-020223

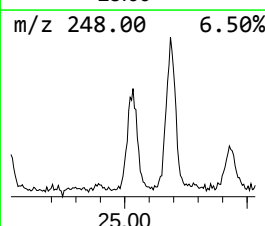
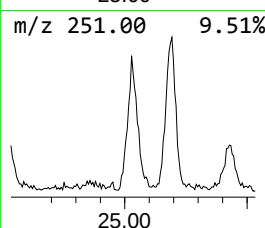
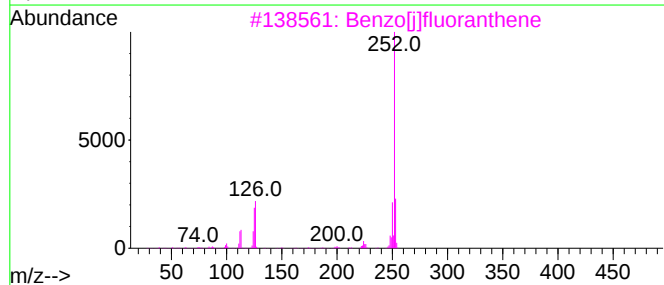
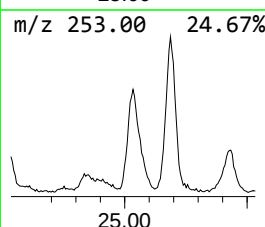
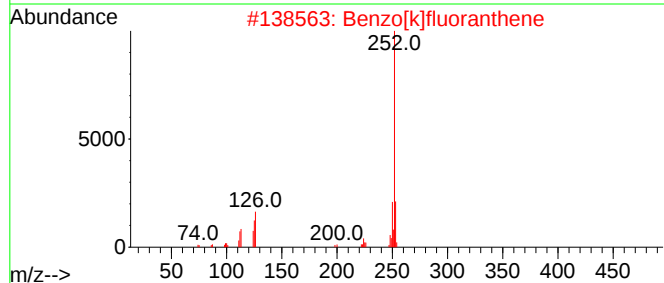
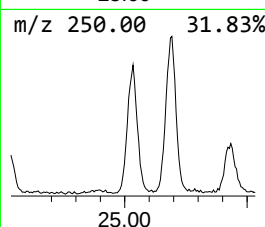
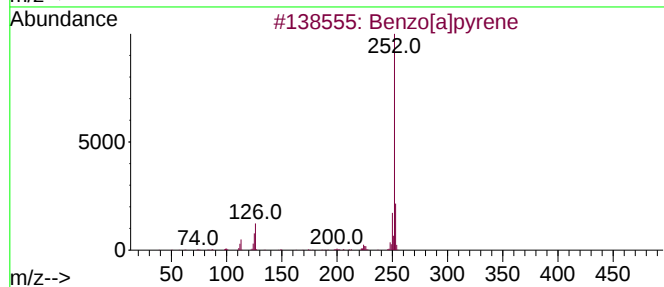
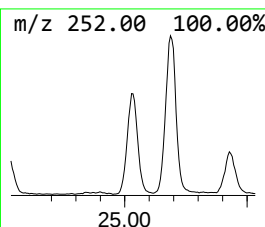
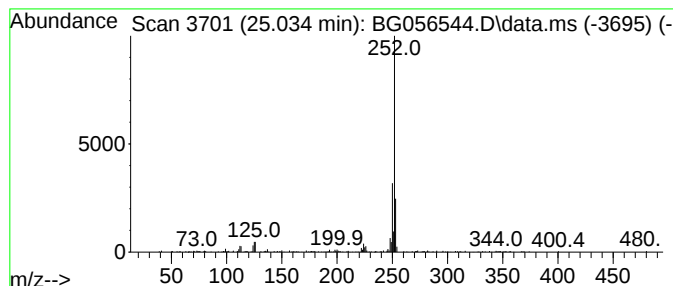
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Benzo[j]fluoranthene Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 25.034 | 21.99 ng | 514106 | Perylene-d12     | 25.351 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 90   |
| 2    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 90   |
| 3    |    |   | Benzo[j]fluoranthene | 252 | C20H12  | 000205-82-3 | 81   |
| 4    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 81   |
| 5    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056544.D  
Acq On : 3 Feb 2023 18:33  
Operator : CG/JU  
Sample : 01418-07 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JPP-18A-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.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 |
| Anthracene, 2-m... | 18.500 | 3.7     | ng    | 114758   | 4                     | 17.631 | 617428  | 20.0 |
| Anthracene, 1-m... | 18.547 | 4.5     | ng    | 139929   | 4                     | 17.631 | 617428  | 20.0 |
| 4H-Cyclopenta[d... | 18.700 | 6.8     | ng    | 210438   | 4                     | 17.631 | 617428  | 20.0 |
| Naphthalene, 2-... | 18.988 | 3.3     | ng    | 102985   | 4                     | 17.631 | 617428  | 20.0 |
| Phenanthrene, 2... | 19.399 | 2.5     | ng    | 76431    | 4                     | 17.631 | 617428  | 20.0 |
| Cyclopenta(def)... | 19.552 | 3.5     | ng    | 109667   | 4                     | 17.631 | 617428  | 20.0 |
| 11H-Benzo[b]flu... | 20.510 | 2.1     | ng    | 155389   | 5                     | 21.926 | 1481230 | 20.0 |
| Benzo[j]fluoran... | 25.034 | 22.0    | ng    | 514106   | 6                     | 25.351 | 467491  | 20.0 |