

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070325\  
 Data File : BF143001.D  
 Acq On : 03 Jul 2025 17:30  
 Operator : RC/JU  
 Sample : Q2473-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIT#4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143001.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         | 5.093       | 486           | 493         | 513          | rBB      | 73549          | 109425        | 8.35%           | 1.108%        |
| 2         | 5.498       | 556           | 562         | 585          | rBV      | 744776         | 1010494       | 77.15%          | 10.230%       |
| 3         | 6.504       | 727           | 733         | 749          | rBV      | 773961         | 1012426       | 77.29%          | 10.249%       |
| 4         | 6.875       | 790           | 796         | 803          | rBV      | 335628         | 427024        | 32.60%          | 4.323%        |
| 5         | 7.434       | 886           | 891         | 896          | rBV      | 522677         | 660374        | 50.42%          | 6.685%        |
| 6         | 8.157       | 1009          | 1014        | 1022         | rBV      | 437081         | 546713        | 41.74%          | 5.535%        |
| 7         | 9.228       | 1191          | 1196        | 1202         | rBV      | 1027105        | 1309861       | 100.00%         | 13.260%       |
| 8         | 9.910       | 1307          | 1312        | 1317         | rBV      | 437832         | 554009        | 42.30%          | 5.608%        |
| 9         | 10.463      | 1401          | 1406        | 1413         | rVB      | 14257          | 17398         | 1.33%           | 0.176%        |
| 10        | 10.622      | 1428          | 1433        | 1442         | rVB      | 127400         | 161212        | 12.31%          | 1.632%        |
| 11        | 10.704      | 1442          | 1447        | 1457         | rBV      | 448704         | 577362        | 44.08%          | 5.845%        |
| 12        | 11.404      | 1560          | 1566        | 1574         | rBV2     | 350812         | 583043        | 44.51%          | 5.902%        |
| 13        | 11.474      | 1574          | 1578        | 1583         | rVB      | 23448          | 30750         | 2.35%           | 0.311%        |
| 14        | 11.927      | 1647          | 1655        | 1661         | rBV2     | 28828          | 59317         | 4.53%           | 0.600%        |
| 15        | 12.016      | 1666          | 1670        | 1678         | rVB      | 18935          | 34082         | 2.60%           | 0.345%        |
| 16        | 12.616      | 1767          | 1772        | 1777         | rBV      | 121770         | 153939        | 11.75%          | 1.558%        |
| 17        | 12.845      | 1804          | 1811        | 1818         | rBV      | 103382         | 157579        | 12.03%          | 1.595%        |
| 18        | 12.986      | 1827          | 1835        | 1843         | rBV      | 752063         | 949007        | 72.45%          | 9.607%        |
| 19        | 13.174      | 1859          | 1867        | 1871         | rBV      | 16330          | 29800         | 2.28%           | 0.302%        |
| 20        | 13.245      | 1875          | 1879        | 1882         | rVV      | 14931          | 19922         | 1.52%           | 0.202%        |
| 21        | 13.280      | 1882          | 1885        | 1892         | rVB3     | 8648           | 13516         | 1.03%           | 0.137%        |
| 22        | 13.892      | 1984          | 1989        | 1999         | rVB3     | 29164          | 63540         | 4.85%           | 0.643%        |
| 23        | 14.045      | 2007          | 2015        | 2027         | rBV2     | 400192         | 672887        | 51.37%          | 6.812%        |
| 24        | 14.151      | 2030          | 2033        | 2037         | rVB2     | 12049          | 16011         | 1.22%           | 0.162%        |
| 25        | 15.104      | 2190          | 2195        | 2203         | rBV      | 51350          | 118305        | 9.03%           | 1.198%        |
| 26        | 15.410      | 2244          | 2247        | 2253         | rVB      | 26235          | 42476         | 3.24%           | 0.430%        |
| 27        | 15.474      | 2254          | 2258        | 2263         | rVV      | 43960          | 68410         | 5.22%           | 0.693%        |
| 28        | 15.539      | 2264          | 2269        | 2286         | rVB      | 250153         | 441125        | 33.68%          | 4.466%        |
| 29        | 15.992      | 2344          | 2346        | 2352         | rVB3     | 11298          | 15482         | 1.18%           | 0.157%        |
| 30        | 17.051      | 2521          | 2526        | 2532         | rVB2     | 10837          | 22743         | 1.74%           | 0.230%        |

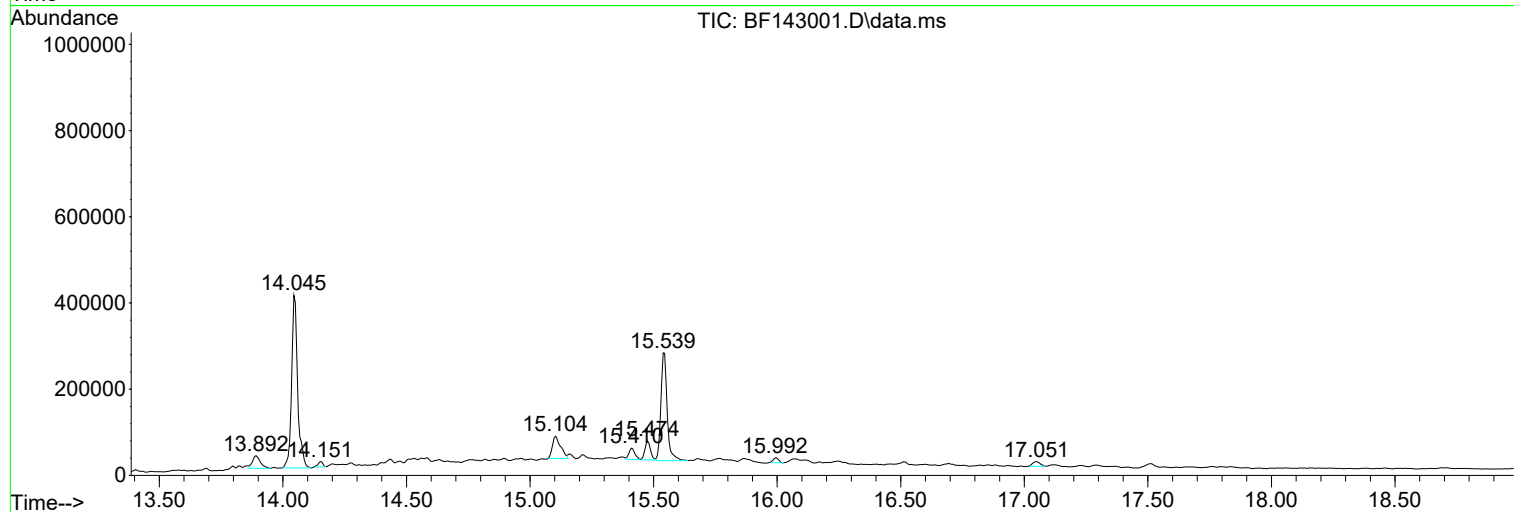
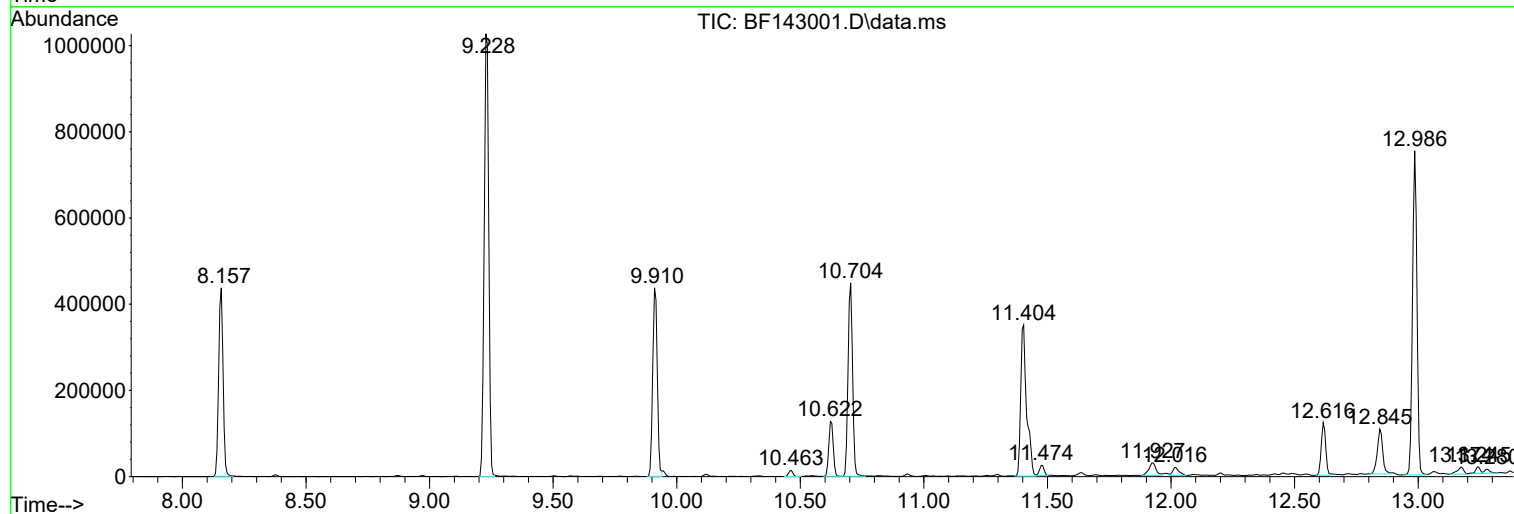
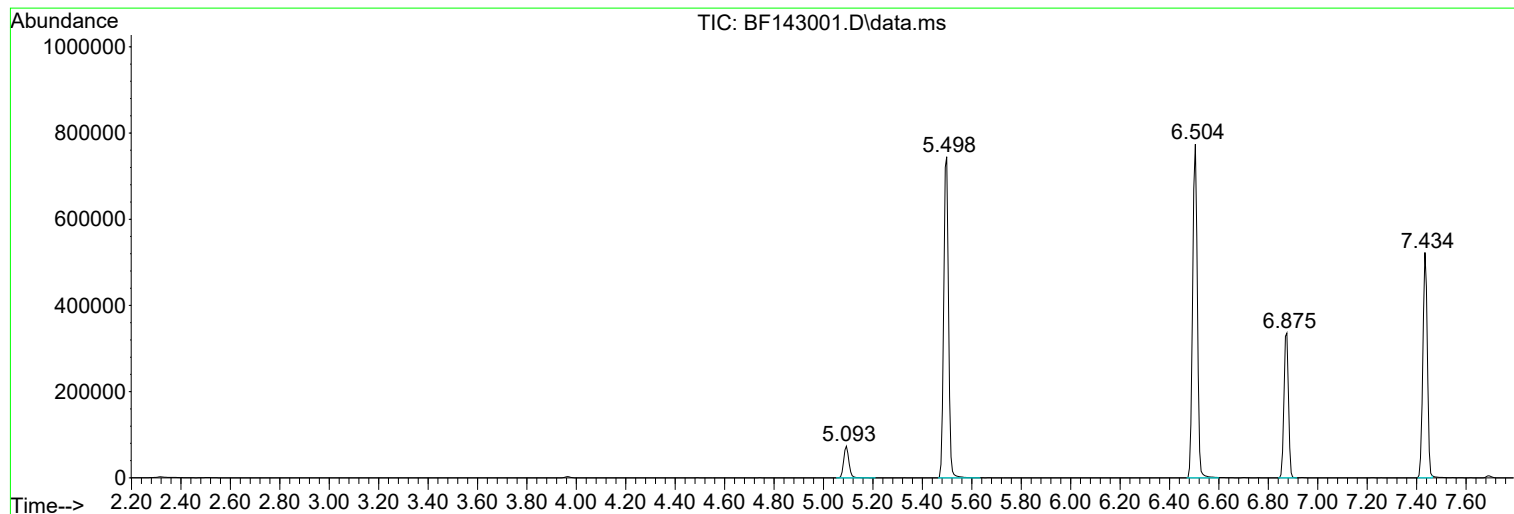
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PIT#4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

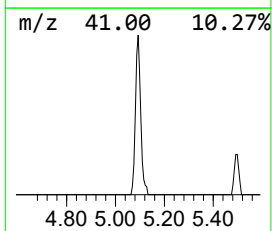
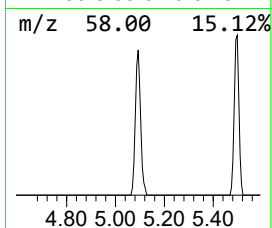
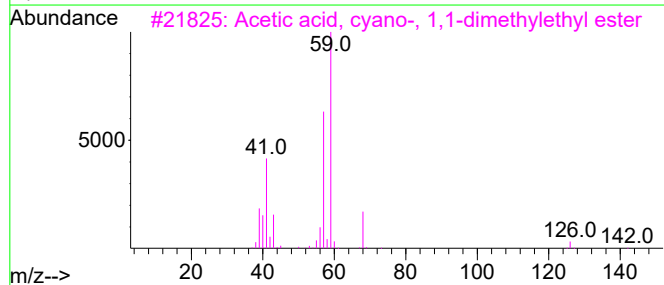
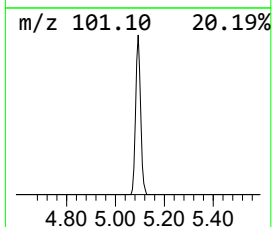
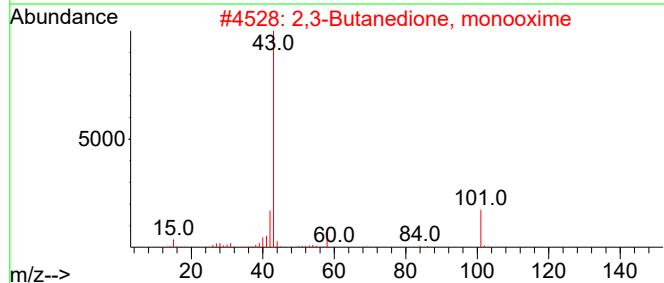
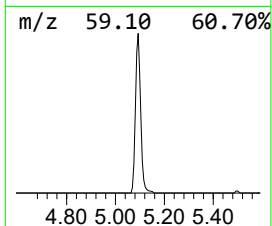
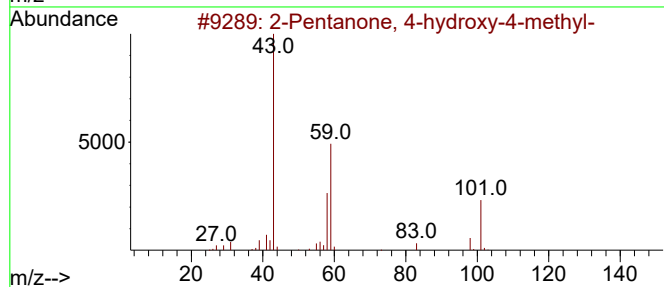
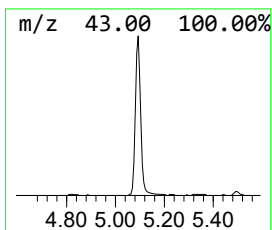
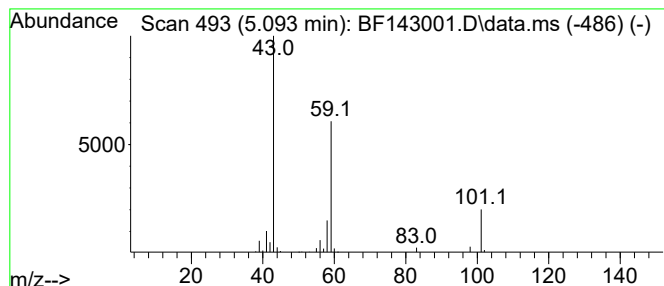
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.093 | 5.13 ng | 109425 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 25      |      |      |
| 3    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 4    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |
| 5    | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2      | 016504-58-8 | 9       |      |      |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

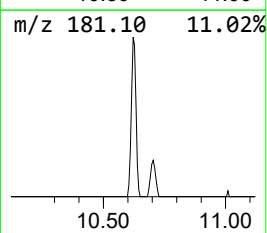
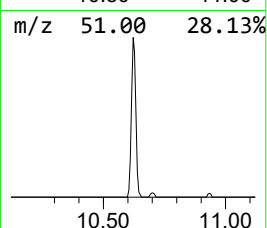
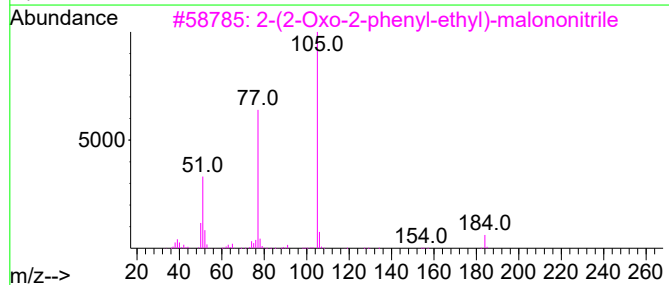
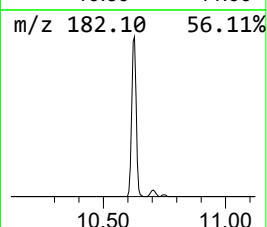
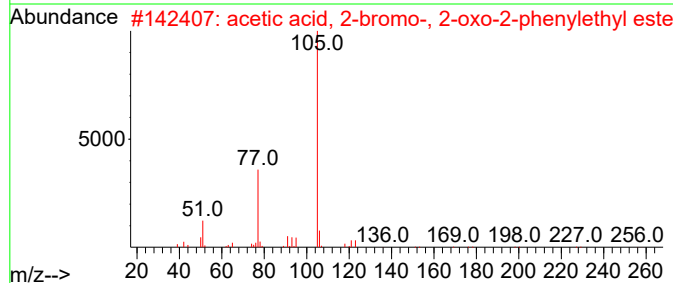
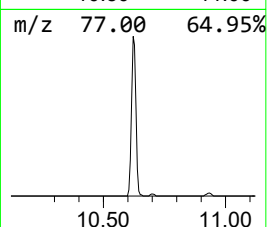
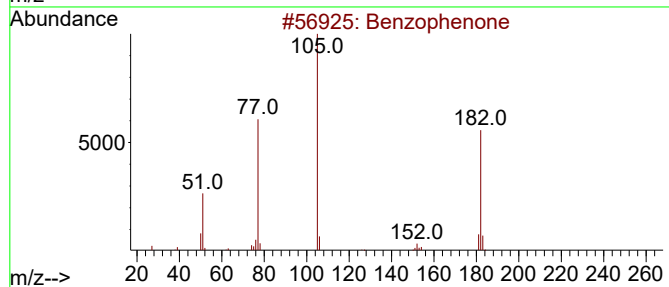
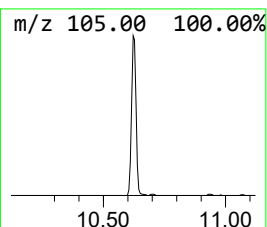
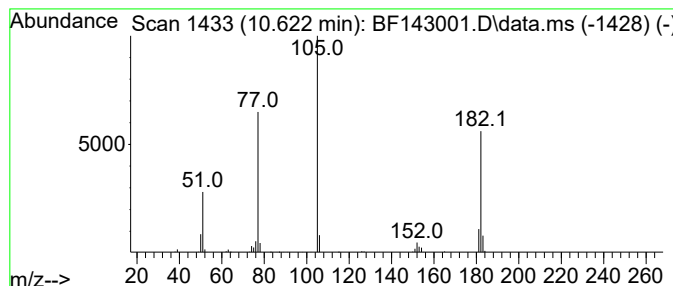
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.622 | 5.82 ng | 161212 | Acenaphthene-d10 | 9.910 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9  | 96   |
| 2    |    |   | acetic acid, 2-bromo-, 2-oxo-2-p... | 256 | C10H9BrO3  | 1000401-50-0 | 47   |
| 3    |    |   | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O   | 1000296-76-9 | 47   |
| 4    |    |   | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 47   |
| 5    |    |   | Disulfide, dibenzoyl                | 274 | C14H10O2S2 | 000644-32-6  | 47   |



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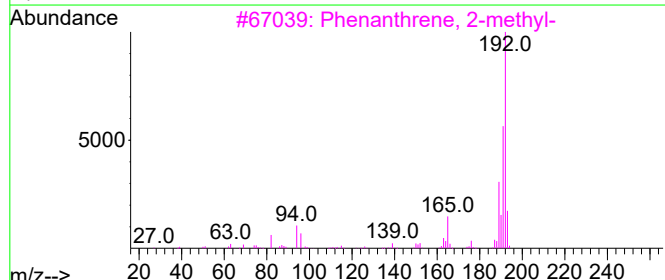
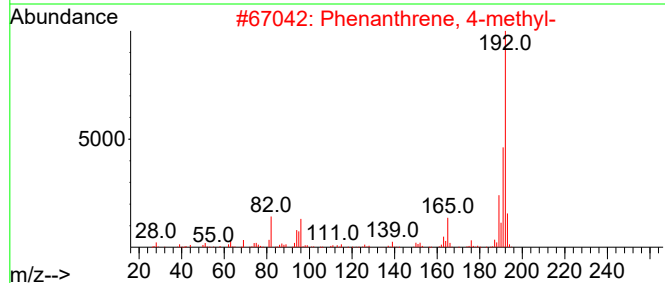
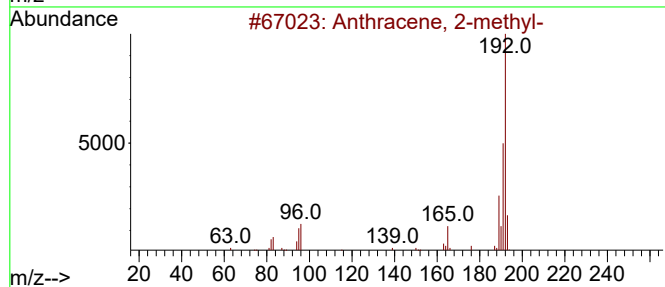
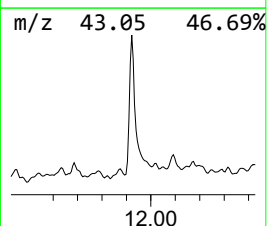
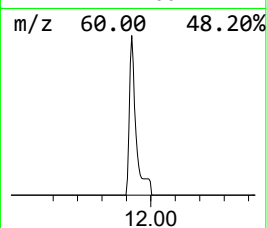
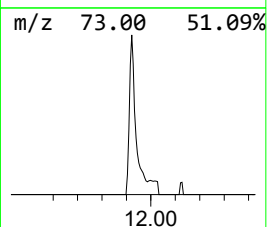
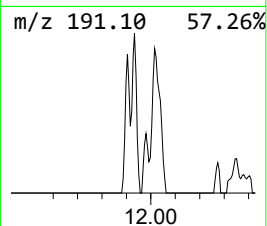
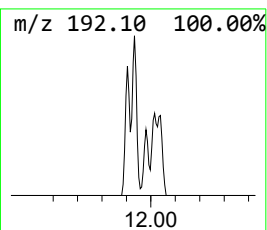
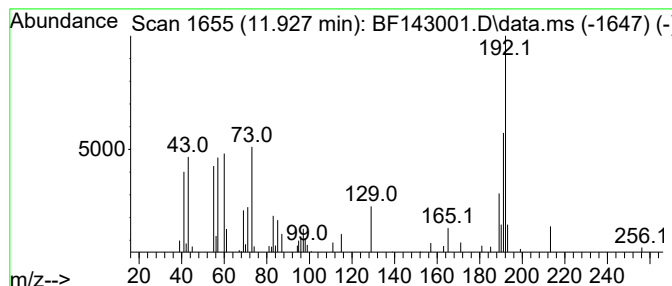
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Anthracene, 2-methyl- Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.927 | 2.03 ng | 59317 | Phenanthrene-d10 | 11.404 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 70   |
| 2    |    |   | Phenanthrene, 4-methyl- | 192 | C15H12  | 000832-64-4 | 53   |
| 3    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 53   |
| 4    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 53   |
| 5    |    |   | Phenanthrene, 3-methyl- | 192 | C15H12  | 000832-71-3 | 53   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.093  | 5.1     | ng    | 109425   | 1                     | 6.875  | 427024 | 20.0 |
| Benzophenone       | 10.622 | 5.8     | ng    | 161212   | 3                     | 9.910  | 554009 | 20.0 |
| Anthracene, 2-m... | 11.927 | 2.0     | ng    | 59317    | 4                     | 11.404 | 583043 | 20.0 |