

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101521\  
 Data File : BF125868.D  
 Acq On : 15 Oct 2021 18:05  
 Operator : JU/CG  
 Sample : M4244-10 2X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T5-COMP-(1-4)

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-BF100721.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125868.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         | 3.881       | 295           | 305         | 311          | rBV2     | 29419          | 44620         | 2.90%           | 0.269%        |
| 2         | 5.445       | 567           | 571         | 574          | rBV      | 1474662        | 1262047       | 82.15%          | 7.606%        |
| 3         | 6.457       | 738           | 743         | 746          | rBV      | 1439880        | 1292839       | 84.15%          | 7.791%        |
| 4         | 6.833       | 803           | 807         | 810          | rBV      | 1306018        | 1012041       | 65.87%          | 6.099%        |
| 5         | 7.386       | 898           | 901         | 905          | rBV      | 920427         | 808596        | 52.63%          | 4.873%        |
| 6         | 8.016       | 1005          | 1008        | 1012         | rBV      | 76996          | 76129         | 4.96%           | 0.459%        |
| 7         | 8.116       | 1021          | 1025        | 1028         | rBV      | 1625776        | 1325670       | 86.29%          | 7.989%        |
| 8         | 9.186       | 1203          | 1207        | 1210         | rBV      | 1936064        | 1536358       | 100.00%         | 9.259%        |
| 9         | 9.386       | 1238          | 1241        | 1244         | rBV5     | 30716          | 44113         | 2.87%           | 0.266%        |
| 10        | 9.645       | 1282          | 1285        | 1286         | rBV3     | 48915          | 55164         | 3.59%           | 0.332%        |
| 11        | 9.757       | 1302          | 1304        | 1307         | rVB3     | 91384          | 72738         | 4.73%           | 0.438%        |
| 12        | 9.863       | 1319          | 1322        | 1326         | rVB      | 1444014        | 1302174       | 84.76%          | 7.848%        |
| 13        | 9.916       | 1326          | 1331        | 1334         | rBV3     | 115344         | 247978        | 16.14%          | 1.494%        |
| 14        | 9.980       | 1340          | 1342        | 1345         | rBV3     | 118270         | 101748        | 6.62%           | 0.613%        |
| 15        | 10.651      | 1453          | 1456        | 1459         | rBV      | 752603         | 805521        | 52.43%          | 4.855%        |
| 16        | 11.351      | 1573          | 1575        | 1578         | rBV      | 894993         | 882235        | 57.42%          | 5.317%        |
| 17        | 12.568      | 1780          | 1782        | 1785         | rVB      | 907203         | 720198        | 46.88%          | 4.340%        |
| 18        | 12.939      | 1842          | 1845        | 1850         | rVB      | 1211168        | 1242134       | 80.85%          | 7.486%        |
| 19        | 13.992      | 2022          | 2024        | 2026         | rVB      | 1045112        | 847736        | 55.18%          | 5.109%        |
| 20        | 15.021      | 2196          | 2199        | 2206         | rVB      | 463324         | 851693        | 55.44%          | 5.133%        |
| 21        | 15.315      | 2247          | 2249        | 2256         | rVB      | 283873         | 348083        | 22.66%          | 2.098%        |
| 22        | 15.380      | 2256          | 2260        | 2266         | rBV      | 320699         | 401099        | 26.11%          | 2.417%        |
| 23        | 15.445      | 2267          | 2271        | 2274         | rBV      | 767122         | 945997        | 61.57%          | 5.701%        |
| 24        | 16.874      | 2510          | 2514        | 2521         | rVB2     | 125023         | 227663        | 14.82%          | 1.372%        |
| 25        | 17.309      | 2585          | 2588        | 2594         | rVB      | 90197          | 138704        | 9.03%           | 0.836%        |

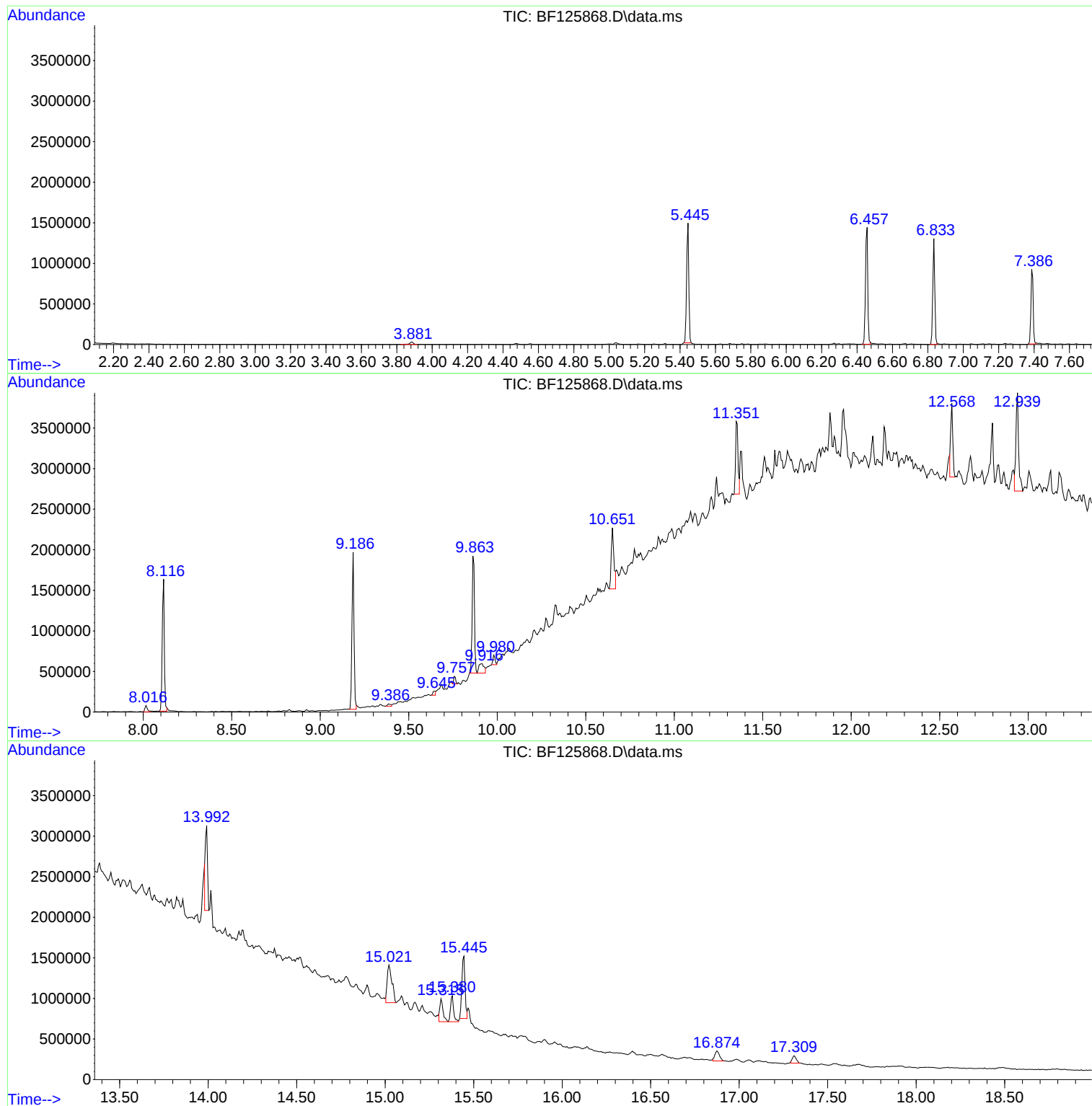
Sum of corrected areas: 16593278

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.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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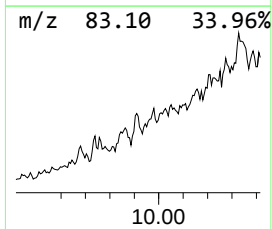
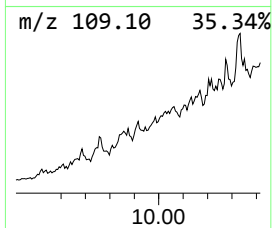
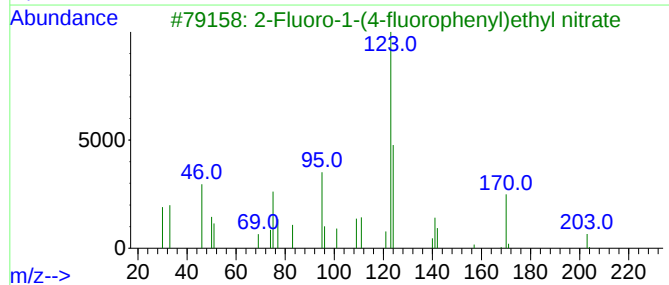
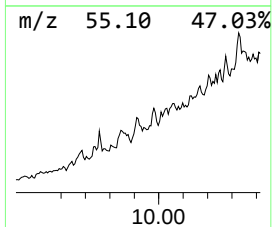
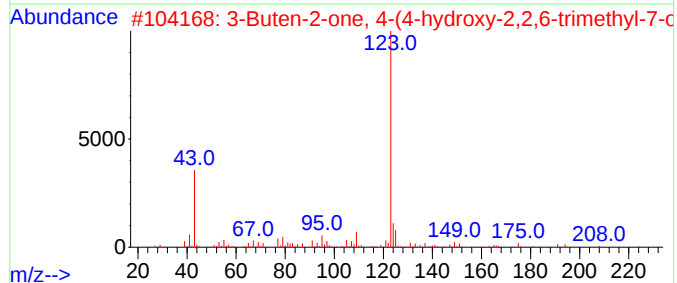
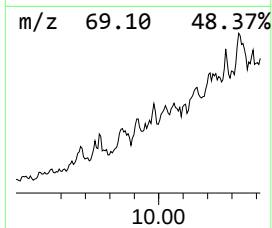
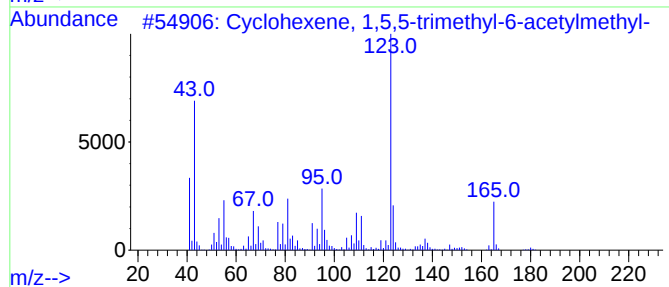
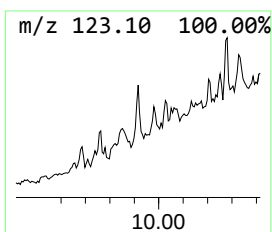
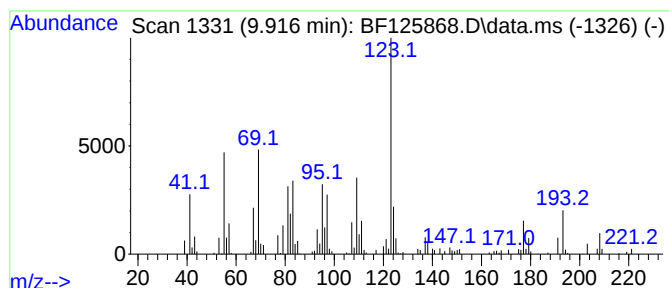
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Peak Number 1 Cyclohexene, 1,5,5-trimethy... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.916     | 3.81 ng                             | 247978 | Acenaphthene-d10 | 9.863        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Cyclohexene, 1,5,5-trimethyl-6-a... | 180    | C12H20O          | 211563-96-1  | 92   |
| 2         | 3-Buten-2-one, 4-(4-hydroxy-2,2,... | 224    | C13H20O3         | 038274-01-0  | 47   |
| 3         | 2-Fluoro-1-(4-fluorophenyl)ethyl... | 203    | C8H7F2NO3        | 1000222-78-1 | 43   |
| 4         | 1-(4-Hydroxyphenyl)propane-1,2-d... | 168    | C9H12O3          | 1000495-85-5 | 43   |
| 5         | 1-(4-Hydroxyphenyl)propane-1,2-d... | 168    | C9H12O3          | 1000495-85-4 | 43   |



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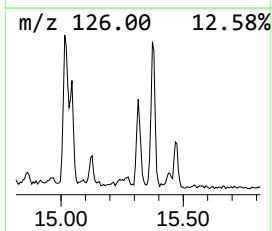
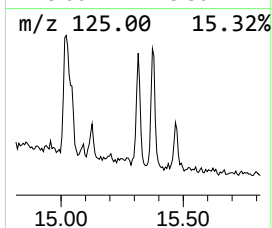
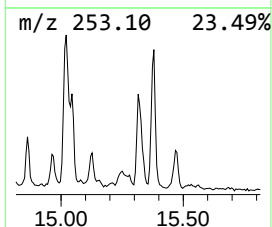
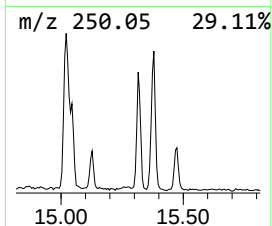
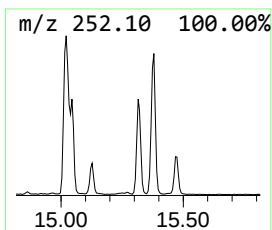
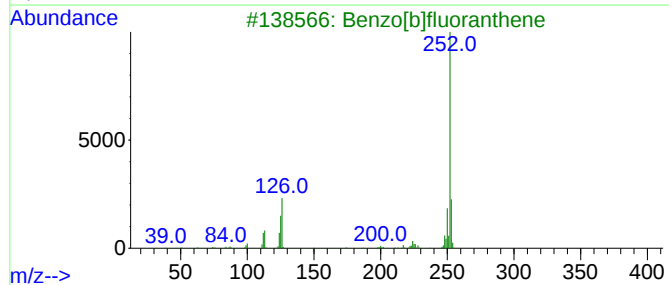
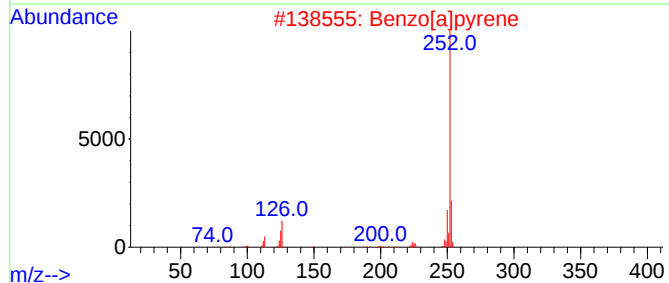
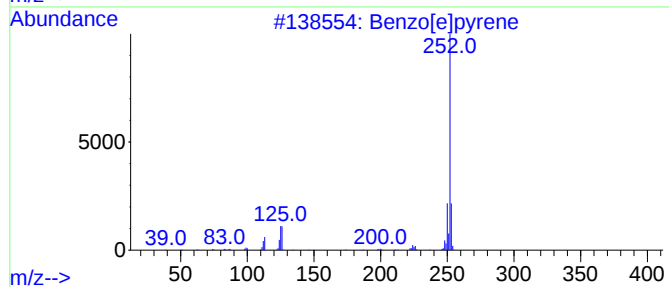
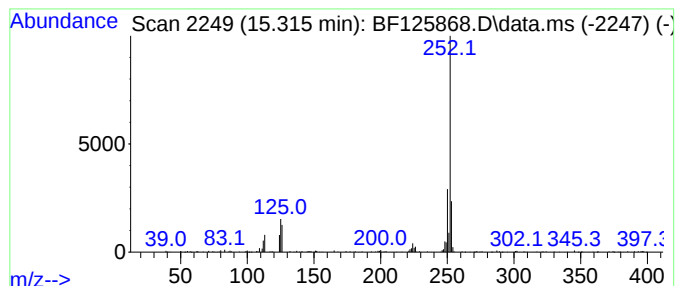
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Peak Number 2 Benzo[e]pyrene Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.315 | 7.36 ng | 348083 | Perylene-d12     | 15.445 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 98   |
| 2    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 96   |
| 3    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 94   |
| 4    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 94   |
| 5    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 93   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Cyclohexene, 1,... | 9.916  | 3.8     | ng    | 247978   | 3                     | 9.863  | 1302170 | 20.0 |
| Benzo[e]pyrene     | 15.315 | 7.4     | ng    | 348083   | 6                     | 15.445 | 945997  | 20.0 |