

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111524\  
 Data File : BF140414.D  
 Acq On : 15 Nov 2024 19:51  
 Operator : RC/JU  
 Sample : P4850-01 10X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-11142024

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-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140414.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         | 2.122       | 3             | 5           | 14           | rVB      | 128717         | 174210        | 15.14%          | 1.843%        |
| 2         | 3.952       | 307           | 316         | 325          | rBV      | 8861           | 15605         | 1.36%           | 0.165%        |
| 3         | 5.504       | 575           | 580         | 588          | rVB      | 168983         | 238479        | 20.73%          | 2.523%        |
| 4         | 5.781       | 623           | 627         | 637          | rVB2     | 8388           | 13782         | 1.20%           | 0.146%        |
| 5         | 5.898       | 639           | 647         | 651          | rBV4     | 7369           | 13267         | 1.15%           | 0.140%        |
| 6         | 6.122       | 679           | 685         | 691          | rBV4     | 10992          | 20376         | 1.77%           | 0.216%        |
| 7         | 6.404       | 730           | 733         | 740          | rBV4     | 14066          | 22454         | 1.95%           | 0.238%        |
| 8         | 6.510       | 746           | 751         | 764          | rBV      | 171282         | 259585        | 22.56%          | 2.746%        |
| 9         | 6.704       | 780           | 784         | 791          | rBV4     | 23154          | 34788         | 3.02%           | 0.368%        |
| 10        | 6.875       | 808           | 813         | 818          | rBV      | 599767         | 740140        | 64.33%          | 7.830%        |
| 11        | 7.140       | 853           | 858         | 862          | rBV5     | 11724          | 17577         | 1.53%           | 0.186%        |
| 12        | 7.263       | 874           | 879         | 883          | rBV5     | 7962           | 14699         | 1.28%           | 0.156%        |
| 13        | 7.434       | 897           | 908         | 912          | rBV      | 112318         | 174864        | 15.20%          | 1.850%        |
| 14        | 8.157       | 1023          | 1031        | 1038         | rBV      | 698108         | 949245        | 82.51%          | 10.043%       |
| 15        | 8.869       | 1148          | 1152        | 1159         | rVB      | 21278          | 28067         | 2.44%           | 0.297%        |
| 16        | 8.963       | 1164          | 1168        | 1175         | rVB      | 23661          | 34078         | 2.96%           | 0.361%        |
| 17        | 9.228       | 1208          | 1213        | 1223         | rBV      | 235918         | 318011        | 27.64%          | 3.364%        |
| 18        | 9.492       | 1253          | 1258        | 1263         | rBV      | 15489          | 27337         | 2.38%           | 0.289%        |
| 19        | 9.569       | 1266          | 1271        | 1273         | rBV      | 21818          | 29772         | 2.59%           | 0.315%        |
| 20        | 9.686       | 1287          | 1291        | 1301         | rVB2     | 11462          | 21677         | 1.88%           | 0.229%        |
| 21        | 9.769       | 1301          | 1305        | 1310         | rBV      | 20052          | 27860         | 2.42%           | 0.295%        |
| 22        | 9.910       | 1322          | 1329        | 1333         | rBV      | 706221         | 909139        | 79.02%          | 9.618%        |
| 23        | 10.116      | 1359          | 1364        | 1367         | rBV2     | 22417          | 30302         | 2.63%           | 0.321%        |
| 24        | 10.151      | 1367          | 1370        | 1374         | rVB3     | 11179          | 13525         | 1.18%           | 0.143%        |
| 25        | 10.228      | 1378          | 1383        | 1386         | rBV3     | 12754          | 20303         | 1.76%           | 0.215%        |
| 26        | 10.328      | 1393          | 1400        | 1404         | rBV6     | 11326          | 26960         | 2.34%           | 0.285%        |
| 27        | 10.457      | 1418          | 1422        | 1428         | rVB      | 47785          | 63094         | 5.48%           | 0.668%        |
| 28        | 10.622      | 1445          | 1450        | 1456         | rVB      | 26002          | 38250         | 3.32%           | 0.405%        |
| 29        | 10.698      | 1459          | 1463        | 1474         | rVB      | 96318          | 146773        | 12.76%          | 1.553%        |
| 30        | 10.822      | 1478          | 1484        | 1490         | rBV4     | 23626          | 43671         | 3.80%           | 0.462%        |
| 31        | 11.004      | 1510          | 1515        | 1518         | rBV2     | 15584          | 27617         | 2.40%           | 0.292%        |
| 32        | 11.251      | 1553          | 1557        | 1560         | rBV3     | 10555          | 16520         | 1.44%           | 0.175%        |
| 33        | 11.292      | 1560          | 1564        | 1570         | rBV2     | 30705          | 46968         | 4.08%           | 0.497%        |
| 34        | 11.398      | 1577          | 1582        | 1591         | rBV2     | 619954         | 1150459       | 100.00%         | 12.171%       |
| 35        | 11.475      | 1591          | 1595        | 1599         | rVB      | 63197          | 79306         | 6.89%           | 0.839%        |
| 36        | 11.633      | 1618          | 1622        | 1628         | rBV      | 29667          | 46535         | 4.04%           | 0.492%        |

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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\_F\Methods\8270-BF111324.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 11.733 | 1636 | 1639 | 1644 | rVB2 | 13029  | 17090   | 1.49%  | 0.181%  |
| 38 | 11.904 | 1663 | 1668 | 1669 | rBV  | 42036  | 54704   | 4.75%  | 0.579%  |
| 39 | 11.927 | 1669 | 1672 | 1677 | rVV  | 62480  | 86386   | 7.51%  | 0.914%  |
| 40 | 11.975 | 1677 | 1680 | 1683 | rVV  | 21545  | 30228   | 2.63%  | 0.320%  |
| 41 | 12.016 | 1683 | 1687 | 1694 | rVB  | 84811  | 153210  | 13.32% | 1.621%  |
| 42 | 12.198 | 1714 | 1718 | 1720 | rBV  | 27045  | 36626   | 3.18%  | 0.387%  |
| 43 | 12.451 | 1757 | 1761 | 1764 | rBV  | 38732  | 58214   | 5.06%  | 0.616%  |
| 44 | 12.539 | 1773 | 1776 | 1780 | rBV2 | 17313  | 27111   | 2.36%  | 0.287%  |
| 45 | 12.616 | 1784 | 1789 | 1793 | rBV  | 418497 | 532342  | 46.27% | 5.632%  |
| 46 | 12.845 | 1821 | 1828 | 1833 | rBV  | 367805 | 550814  | 47.88% | 5.827%  |
| 47 | 12.980 | 1847 | 1851 | 1859 | rVB  | 189262 | 272264  | 23.67% | 2.880%  |
| 48 | 13.169 | 1881 | 1883 | 1887 | rVB  | 59896  | 67301   | 5.85%  | 0.712%  |
| 49 | 13.239 | 1892 | 1895 | 1898 | rVV2 | 38681  | 45205   | 3.93%  | 0.478%  |
| 50 | 14.045 | 2026 | 2032 | 2042 | rBV2 | 540533 | 1039053 | 90.32% | 10.993% |
| 51 | 15.092 | 2207 | 2210 | 2218 | rVB  | 97827  | 192071  | 16.70% | 2.032%  |
| 52 | 15.527 | 2280 | 2284 | 2296 | rVB  | 264815 | 454241  | 39.48% | 4.806%  |

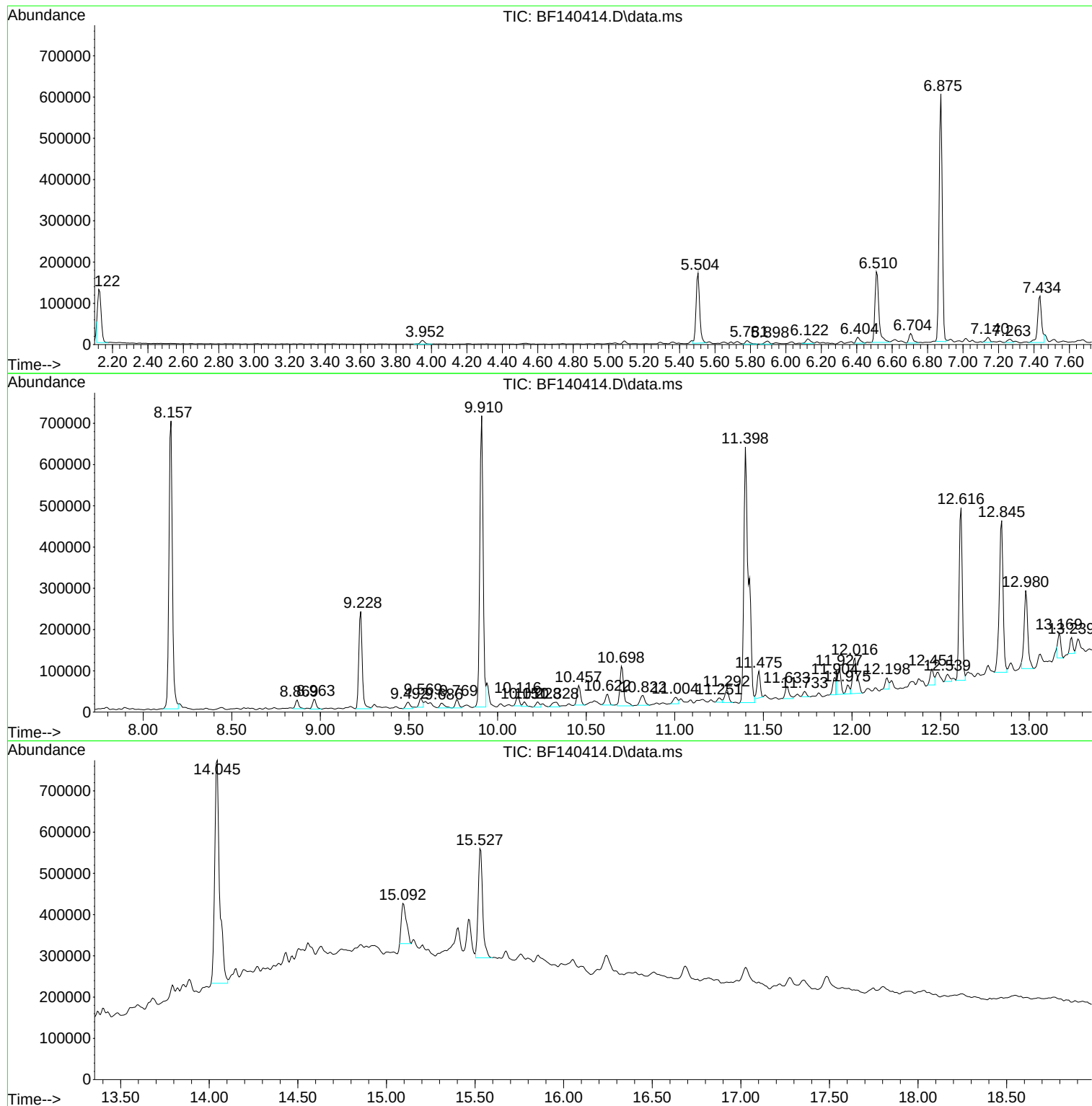
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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.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\_F\Data\BF111524\  
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Misc :  
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Instrument :  
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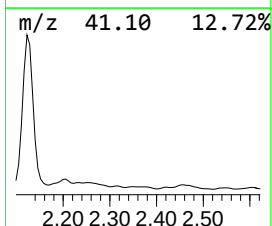
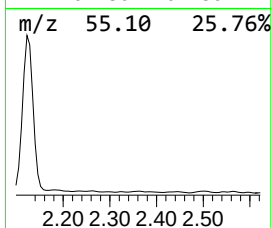
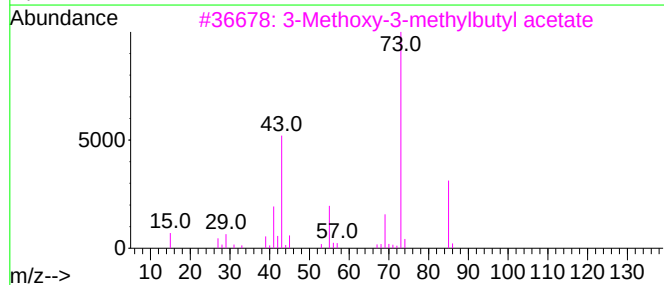
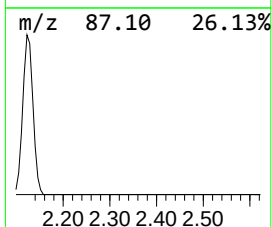
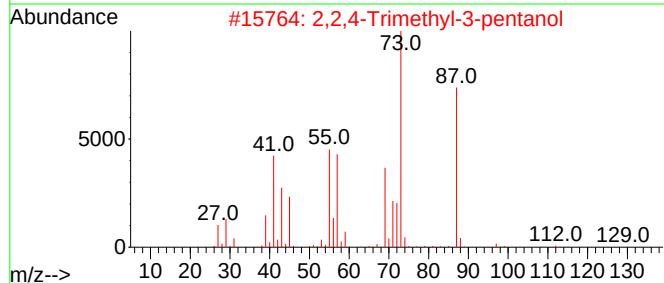
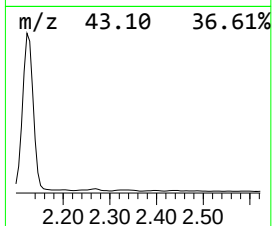
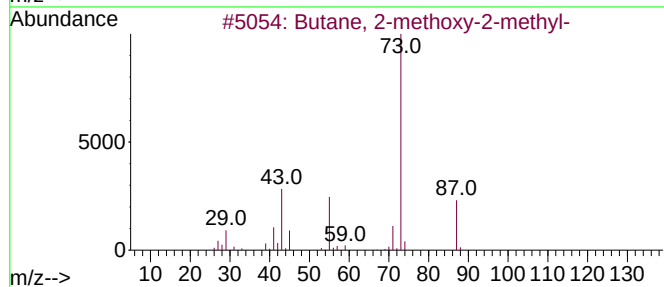
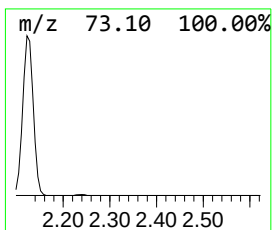
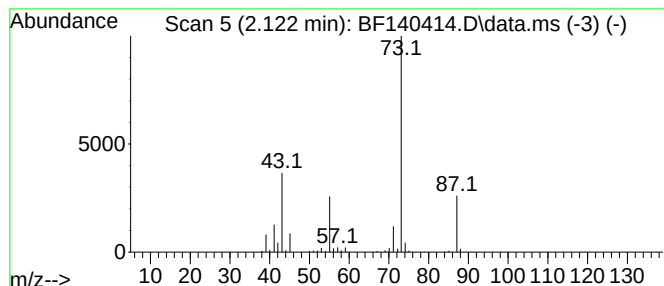
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 2.122 | 4.71 ng | 174210 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-     | 102 | C6H14O  | 000994-05-8  | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol      | 130 | C8H18O  | 005162-48-1  | 39   |
| 3    |    |   | 3-Methoxy-3-methylbutyl acetate | 160 | C8H16O3 | 1010430-01-2 | 25   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-        | 88  | C4H8O2  | 000497-26-7  | 25   |
| 5    |    |   | Pentane, 3-methoxy-             | 102 | C6H14O  | 036839-67-5  | 23   |



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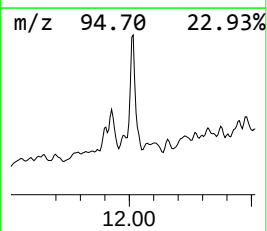
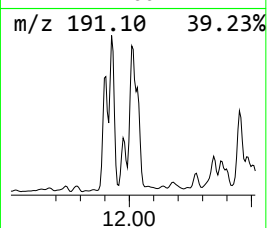
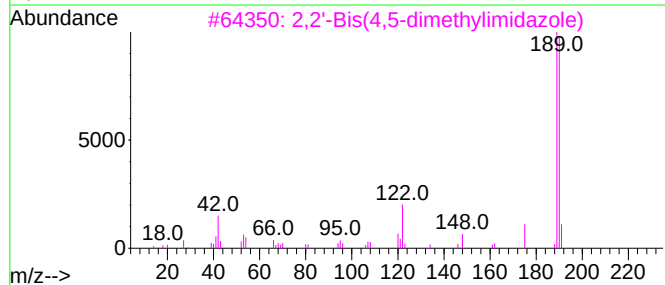
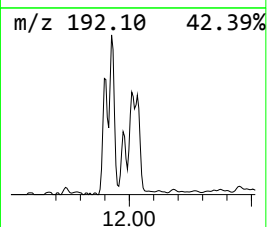
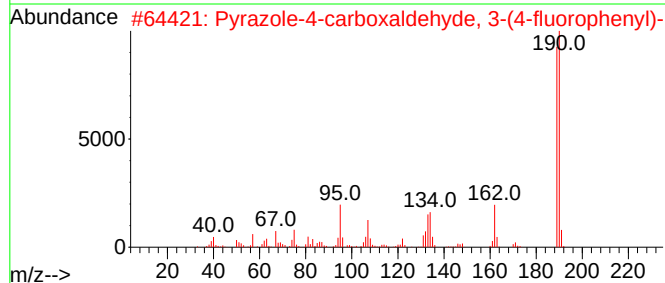
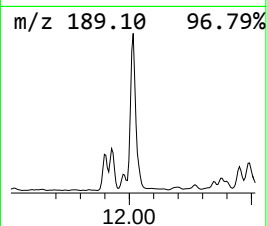
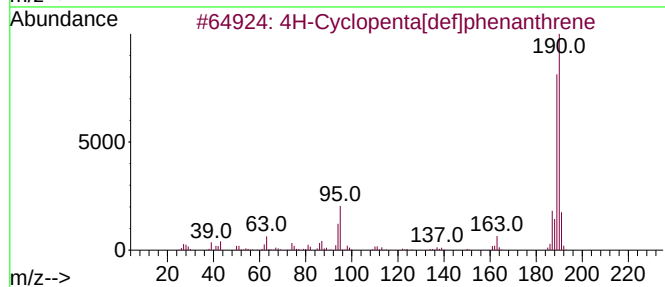
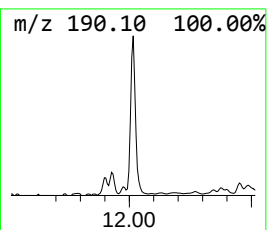
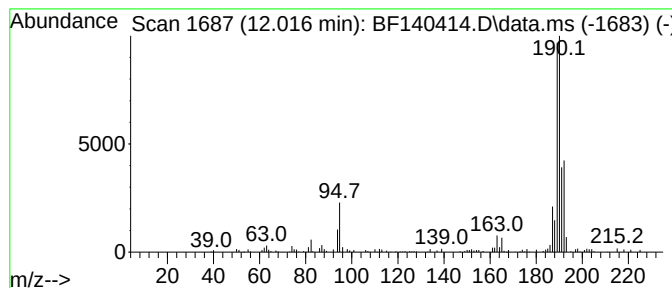
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.016 | 2.66 ng | 153210 | Phenanthrene-d10 | 11.398 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 93   |
| 2    |    |   | Pyrazole-4-carboxaldehyde, 3-(4-... | 190 | C10H7FN2O | 306936-57-2 | 47   |
| 3    |    |   | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4  | 069286-06-2 | 43   |
| 4    |    |   | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2  | 007072-01-7 | 43   |
| 5    |    |   | Methyl diselenide                   | 190 | C2H6Se2   | 007101-31-7 | 35   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 2.122  | 4.7     | ng    | 174210   | 1                     | 6.875  | 740140  | 20.0 |
| 4H-Cyclopenta[d... | 12.016 | 2.7     | ng    | 153210   | 4                     | 11.398 | 1150460 | 20.0 |