

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072523\  
 Data File : BF134465.D  
 Acq On : 25 Jul 2023 16:26  
 Operator : CG\JU  
 Sample : 03707-01 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-01-072023

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-BF072423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134465.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         | 5.463       | 571           | 574         | 590          | rBV      | 618608         | 691698        | 93.85%          | 6.537%        |
| 2         | 6.469       | 742           | 745         | 762          | rBV      | 659798         | 683962        | 92.80%          | 6.463%        |
| 3         | 6.834       | 803           | 807         | 814          | rBV      | 453431         | 416727        | 56.54%          | 3.938%        |
| 4         | 7.392       | 899           | 902         | 911          | rBV      | 428422         | 372920        | 50.60%          | 3.524%        |
| 5         | 8.110       | 1021          | 1024        | 1031         | rBV      | 772152         | 611066        | 82.91%          | 5.775%        |
| 6         | 8.645       | 1111          | 1115        | 1118         | rBV4     | 6668           | 8148          | 1.11%           | 0.077%        |
| 7         | 8.828       | 1143          | 1146        | 1148         | rBV      | 10553          | 9623          | 1.31%           | 0.091%        |
| 8         | 8.922       | 1158          | 1162        | 1165         | rBV3     | 12449          | 15250         | 2.07%           | 0.144%        |
| 9         | 9.098       | 1189          | 1192        | 1194         | rBV3     | 8766           | 8226          | 1.12%           | 0.078%        |
| 10        | 9.128       | 1194          | 1197        | 1201         | rVB5     | 10386          | 11503         | 1.56%           | 0.109%        |
| 11        | 9.186       | 1203          | 1207        | 1210         | rBV      | 846643         | 695279        | 94.34%          | 6.570%        |
| 12        | 9.263       | 1215          | 1220        | 1222         | rBV3     | 16751          | 18704         | 2.54%           | 0.177%        |
| 13        | 9.298       | 1222          | 1226        | 1230         | rBV5     | 6925           | 10121         | 1.37%           | 0.096%        |
| 14        | 9.457       | 1249          | 1253        | 1257         | rVB5     | 8098           | 9942          | 1.35%           | 0.094%        |
| 15        | 9.522       | 1261          | 1264        | 1267         | rBV4     | 12774          | 14158         | 1.92%           | 0.134%        |
| 16        | 9.569       | 1267          | 1272        | 1273         | rBV4     | 15070          | 17081         | 2.32%           | 0.161%        |
| 17        | 9.728       | 1296          | 1299        | 1301         | rBV2     | 20282          | 21176         | 2.87%           | 0.200%        |
| 18        | 9.869       | 1319          | 1323        | 1326         | rVV      | 570999         | 465016        | 63.09%          | 4.394%        |
| 19        | 9.898       | 1326          | 1328        | 1331         | rVB      | 45996          | 36654         | 4.97%           | 0.346%        |
| 20        | 9.975       | 1338          | 1341        | 1344         | rVB5     | 7018           | 8499          | 1.15%           | 0.080%        |
| 21        | 10.016      | 1344          | 1348        | 1351         | rBV6     | 7478           | 11228         | 1.52%           | 0.106%        |
| 22        | 10.075      | 1351          | 1358        | 1362         | rVV2     | 31271          | 38619         | 5.24%           | 0.365%        |
| 23        | 10.110      | 1362          | 1364        | 1369         | rVB4     | 10414          | 11221         | 1.52%           | 0.106%        |
| 24        | 10.186      | 1373          | 1377        | 1380         | rBV5     | 13780          | 20266         | 2.75%           | 0.192%        |
| 25        | 10.269      | 1388          | 1391        | 1394         | rBV4     | 11294          | 13851         | 1.88%           | 0.131%        |
| 26        | 10.416      | 1413          | 1416        | 1421         | rVB      | 46995          | 43720         | 5.93%           | 0.413%        |
| 27        | 10.510      | 1429          | 1432        | 1438         | rVV5     | 9075           | 16830         | 2.28%           | 0.159%        |
| 28        | 10.575      | 1440          | 1443        | 1446         | rVB2     | 17833          | 18284         | 2.48%           | 0.173%        |
| 29        | 10.663      | 1454          | 1458        | 1468         | rVB      | 379265         | 362822        | 49.23%          | 3.429%        |
| 30        | 10.780      | 1474          | 1478        | 1484         | rVB4     | 22943          | 33762         | 4.58%           | 0.319%        |
| 31        | 10.969      | 1506          | 1510        | 1513         | rBV4     | 12738          | 14096         | 1.91%           | 0.133%        |
| 32        | 11.092      | 1529          | 1531        | 1534         | rBV3     | 10069          | 9151          | 1.24%           | 0.086%        |
| 33        | 11.175      | 1541          | 1545        | 1547         | rVB4     | 9110           | 9828          | 1.33%           | 0.093%        |
| 34        | 11.216      | 1548          | 1552        | 1555         | rVV3     | 15833          | 23025         | 3.12%           | 0.218%        |
| 35        | 11.257      | 1555          | 1559        | 1563         | rVB2     | 23032          | 29663         | 4.02%           | 0.280%        |
| 36        | 11.363      | 1573          | 1577        | 1579         | rBV      | 507054         | 422921        | 57.38%          | 3.997%        |

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 Sample : 03707-01 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-01-072023

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-BF072423.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 37 | 11.386 | 1579 | 1581 | 1584 | rVV  | 261387 | 202794 | 27.52%  | 1.916% |
| 38 | 11.439 | 1587 | 1590 | 1593 | rVV  | 92454  | 73787  | 10.01%  | 0.697% |
| 39 | 11.604 | 1615 | 1618 | 1623 | rBV2 | 19282  | 27196  | 3.69%   | 0.257% |
| 40 | 11.651 | 1623 | 1626 | 1629 | rVV4 | 13826  | 16292  | 2.21%   | 0.154% |
| 41 | 11.698 | 1632 | 1634 | 1639 | rVB5 | 9191   | 14208  | 1.93%   | 0.134% |
| 42 | 11.869 | 1659 | 1663 | 1664 | rBV  | 47534  | 43858  | 5.95%   | 0.414% |
| 43 | 11.892 | 1664 | 1667 | 1672 | rVB2 | 117621 | 129198 | 17.53%  | 1.221% |
| 44 | 11.945 | 1673 | 1676 | 1679 | rBV  | 35720  | 28853  | 3.91%   | 0.273% |
| 45 | 11.980 | 1679 | 1682 | 1684 | rBV  | 91903  | 87425  | 11.86%  | 0.826% |
| 46 | 12.163 | 1711 | 1713 | 1716 | rBV  | 33645  | 32439  | 4.40%   | 0.307% |
| 47 | 12.292 | 1733 | 1735 | 1736 | rBV2 | 13484  | 10610  | 1.44%   | 0.100% |
| 48 | 12.345 | 1742 | 1744 | 1747 | rBV3 | 25552  | 26269  | 3.56%   | 0.248% |
| 49 | 12.416 | 1753 | 1756 | 1759 | rBV  | 45158  | 52112  | 7.07%   | 0.492% |
| 50 | 12.516 | 1769 | 1773 | 1776 | rBV2 | 43808  | 63706  | 8.64%   | 0.602% |
| 51 | 12.586 | 1781 | 1785 | 1788 | rBV  | 661540 | 566494 | 76.86%  | 5.353% |
| 52 | 12.686 | 1799 | 1802 | 1805 | rBV4 | 39203  | 46884  | 6.36%   | 0.443% |
| 53 | 12.816 | 1818 | 1824 | 1830 | rBV  | 613691 | 680258 | 92.30%  | 6.428% |
| 54 | 12.869 | 1831 | 1833 | 1837 | rVB3 | 34608  | 43230  | 5.87%   | 0.409% |
| 55 | 12.957 | 1842 | 1848 | 1851 | rBV  | 633608 | 572765 | 77.71%  | 5.413% |
| 56 | 13.033 | 1857 | 1861 | 1867 | rBV3 | 50262  | 104487 | 14.18%  | 0.987% |
| 57 | 13.145 | 1873 | 1880 | 1885 | rBV2 | 124609 | 205583 | 27.89%  | 1.943% |
| 58 | 13.216 | 1889 | 1892 | 1894 | rVB  | 69413  | 61160  | 8.30%   | 0.578% |
| 59 | 13.251 | 1894 | 1898 | 1903 | rBV2 | 88502  | 118738 | 16.11%  | 1.122% |
| 60 | 13.374 | 1917 | 1919 | 1921 | rBV  | 41286  | 39153  | 5.31%   | 0.370% |
| 61 | 13.663 | 1966 | 1968 | 1972 | rBV  | 50826  | 51247  | 6.95%   | 0.484% |
| 62 | 14.021 | 2025 | 2029 | 2032 | rBV2 | 512678 | 737011 | 100.00% | 6.965% |
| 63 | 14.051 | 2032 | 2034 | 2042 | rVB  | 299973 | 301191 | 40.87%  | 2.846% |
| 64 | 15.092 | 2207 | 2211 | 2214 | rBV  | 284525 | 419978 | 56.98%  | 3.969% |
| 65 | 15.468 | 2272 | 2275 | 2279 | rVB  | 254593 | 324823 | 44.07%  | 3.070% |
| 66 | 15.533 | 2283 | 2286 | 2291 | rVB  | 244772 | 295222 | 40.06%  | 2.790% |

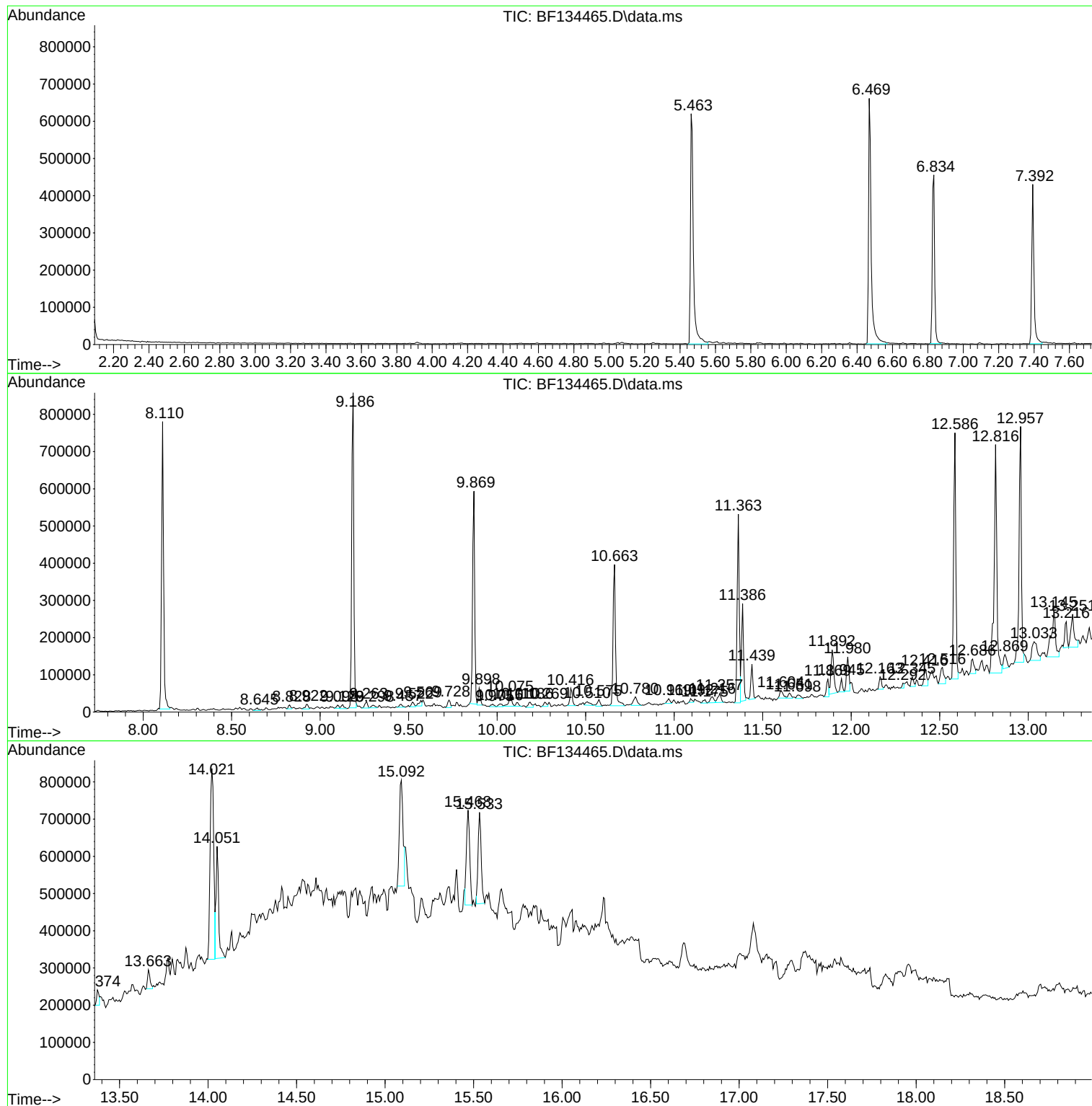
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Sample : 03707-01 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.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\BF072523\  
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Operator : CG\JU  
Sample : 03707-01 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

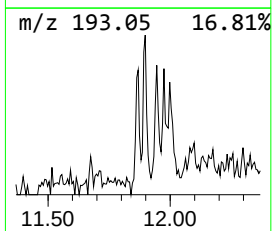
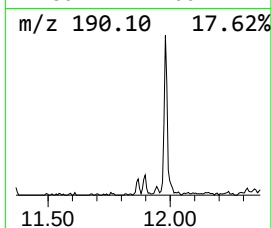
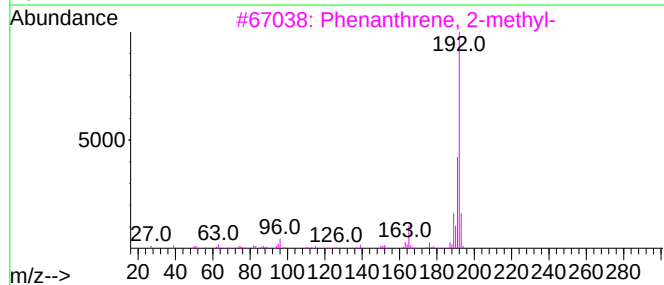
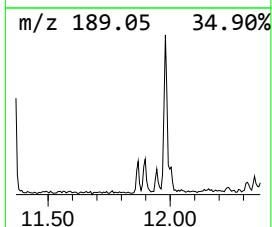
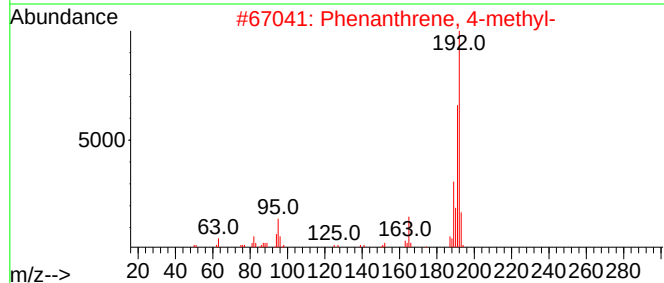
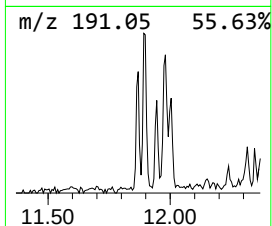
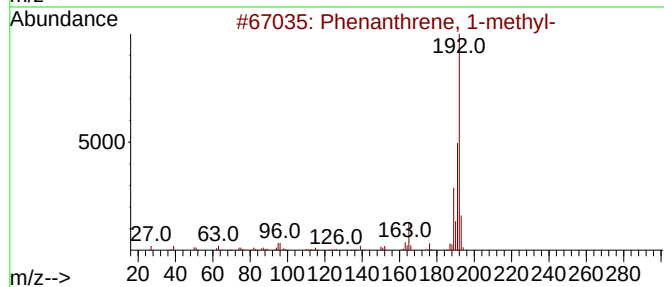
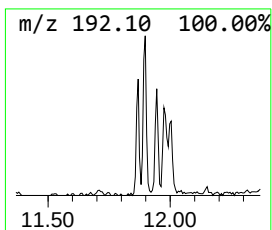
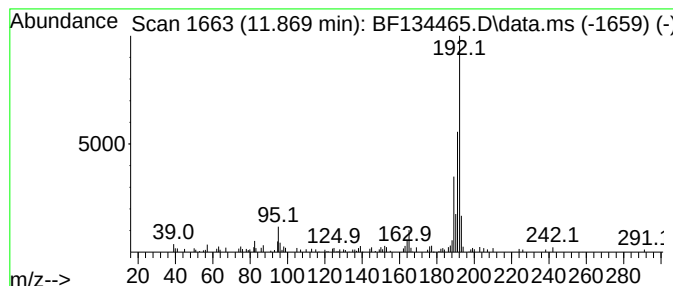
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 9

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.869 | 2.07 ng | 43858 | Phenanthrene-d10 | 11.363 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | Phenanthrene, 1-methyl-     | 192 | C15H12  | 000832-69-9 | 93   |
| 2    |      | Phenanthrene, 4-methyl-     | 192 | C15H12  | 000832-64-4 | 93   |
| 3    |      | Phenanthrene, 2-methyl-     | 192 | C15H12  | 002531-84-2 | 93   |
| 4    |      | Naphtho[2,3-b]norbornadiene | 192 | C15H12  | 107426-38-0 | 89   |
| 5    |      | Anthracene, 1-methyl-       | 192 | C15H12  | 000610-48-0 | 89   |



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Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

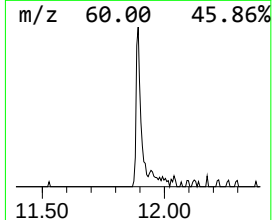
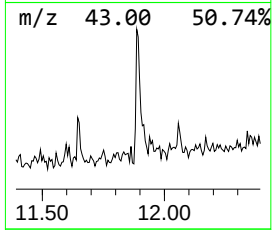
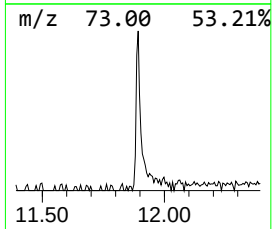
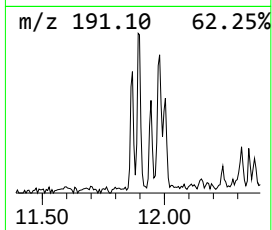
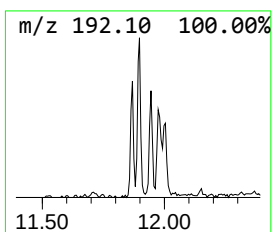
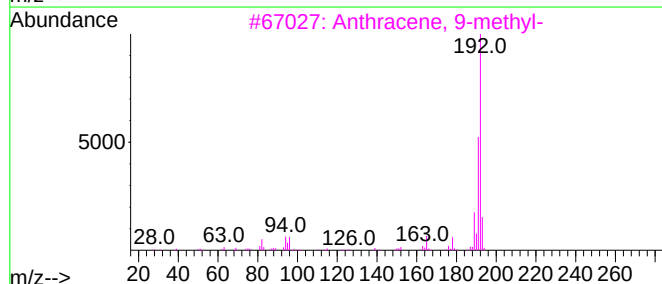
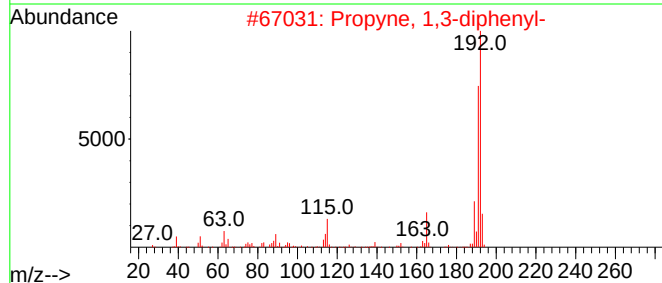
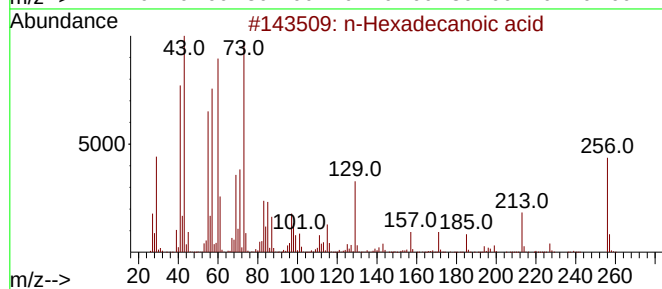
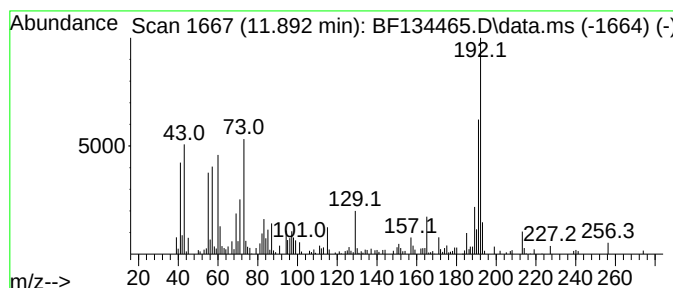
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 11.892    | 6.11 ng                             | 129198 | Phenanthrene-d10 | 11.363      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid                 | 256    | C16H32O2         | 000057-10-3 | 90   |
| 2         | Propyne, 1,3-diphenyl-              | 192    | C15H12           | 004980-70-5 | 87   |
| 3         | Anthracene, 9-methyl-               | 192    | C15H12           | 000779-02-2 | 87   |
| 4         | 1H-Cyclopropa[1]phenanthrene,1a,... | 192    | C15H12           | 000949-41-7 | 78   |
| 5         | 1H-Indene, 1-phenyl-                | 192    | C15H12           | 001961-96-2 | 78   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

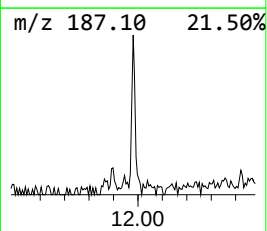
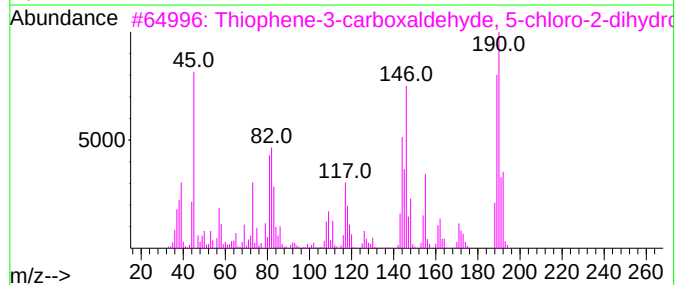
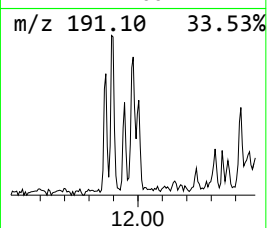
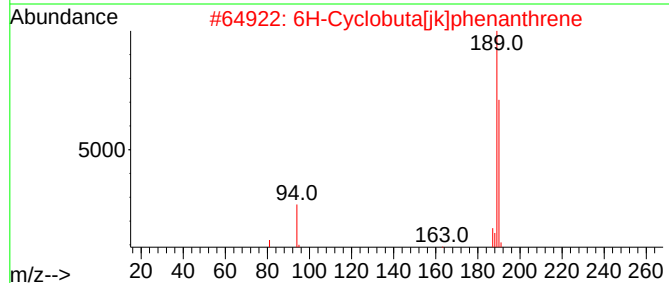
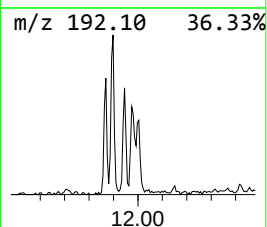
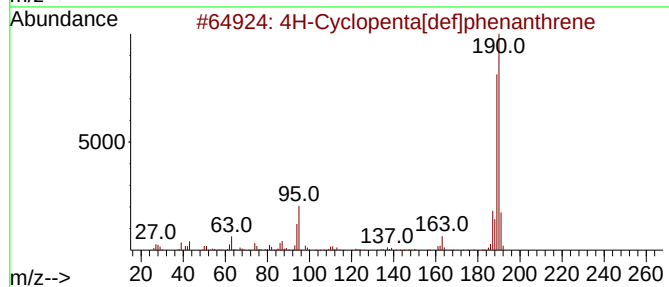
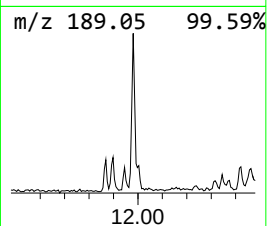
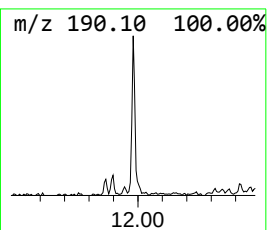
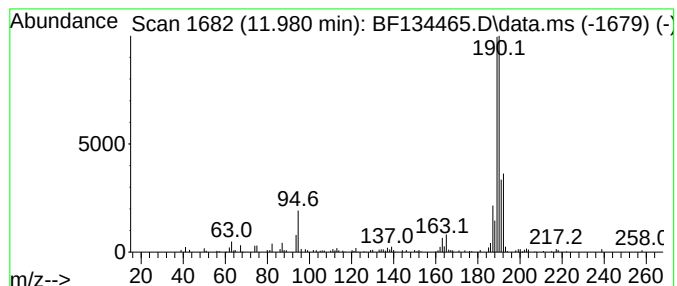
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.980 | 4.13 ng | 87425 | Phenanthrene-d10 | 11.363 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|------|-------------------------------------|-----|------------|-------------|------|
| 1    |      | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5 | 76   |
| 2    |      | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10     | 083469-43-6 | 64   |
| 3    |      | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 50   |
| 4    |      | Methyl diselenide                   | 190 | C2H6Se2    | 007101-31-7 | 46   |
| 5    |      | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4   | 069286-06-2 | 42   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

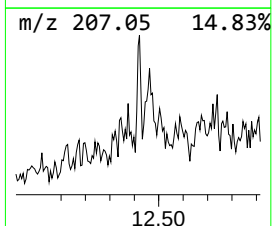
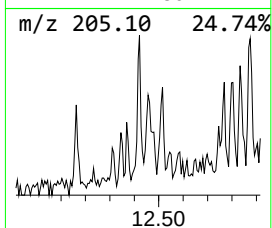
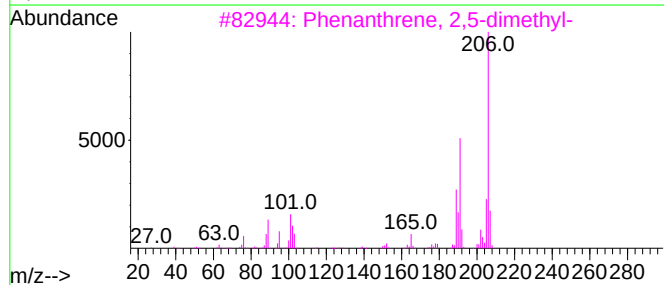
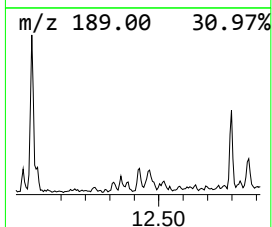
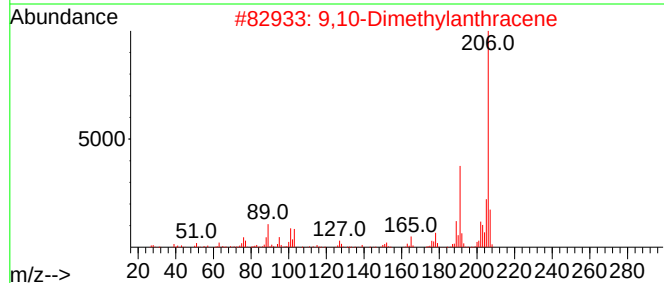
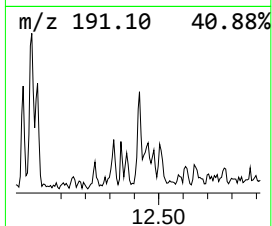
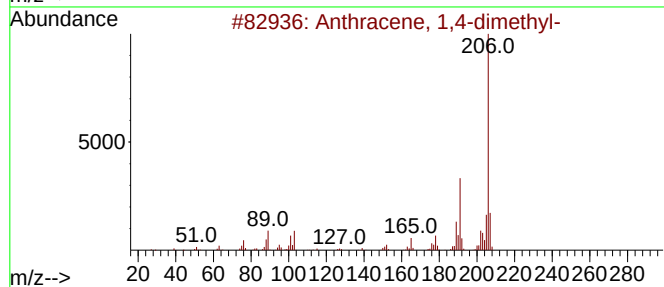
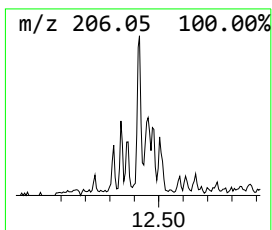
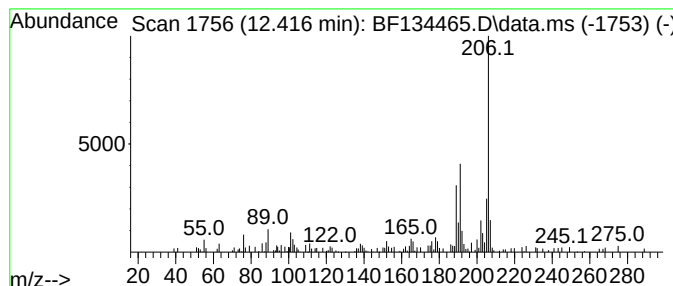
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Anthracene, 1,4-dimethyl- Concentration Rank 7

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.416 | 2.46 ng | 52112 | Phenanthrene-d10 | 11.363 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Anthracene, 1,4-dimethyl-   | 206 | C16H14  | 000781-92-0 | 93   |
| 2    |    |   | 9,10-Dimethylantracene      | 206 | C16H14  | 000781-43-1 | 93   |
| 3    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6 | 93   |
| 4    |    |   | di-p-Tolylacetylene         | 206 | C16H14  | 002789-88-0 | 93   |
| 5    |    |   | Phenanthrene, 1,7-dimethyl- | 206 | C16H14  | 000483-87-4 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072523\  
Data File : BF134465.D  
Acq On : 25 Jul 2023 16:26  
Operator : CG\JU  
Sample : 03707-01 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

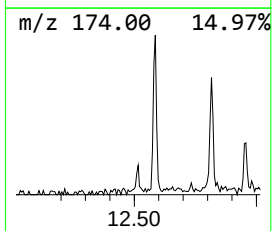
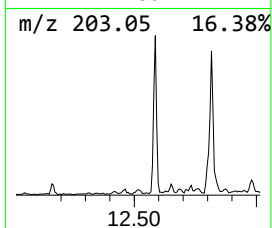
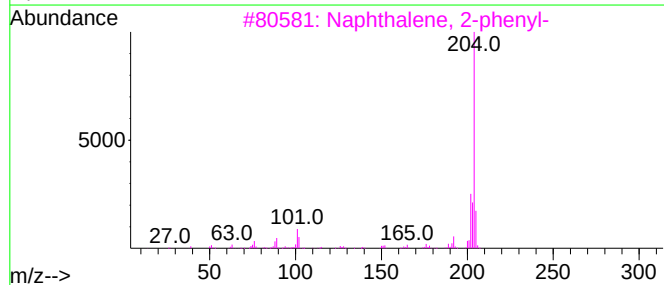
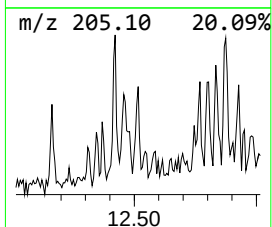
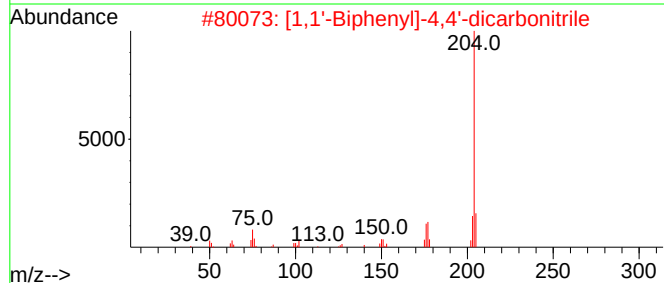
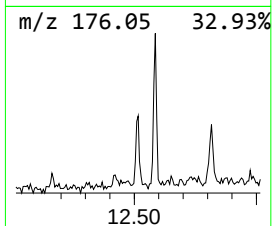
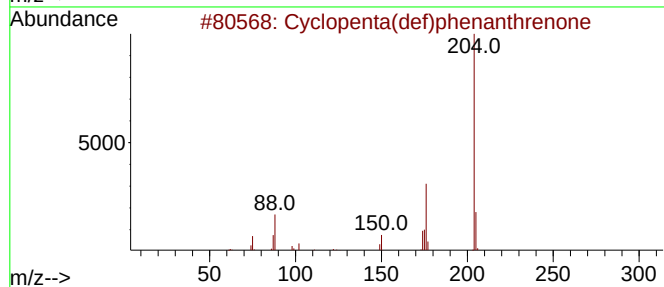
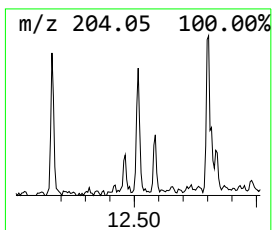
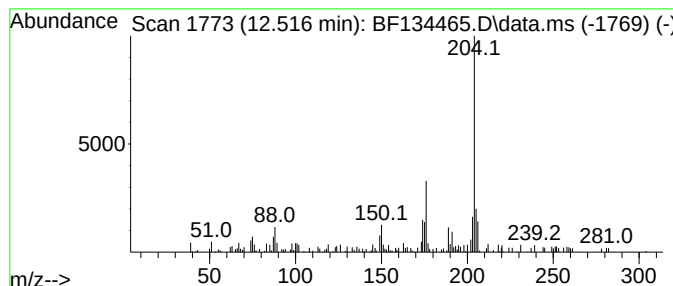
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 5

| R.T.      | EstConc                             | Area  | Relative to ISTD |             |              | R.T.   |
|-----------|-------------------------------------|-------|------------------|-------------|--------------|--------|
| 12.516    | 3.01 ng                             | 63706 | Phenanthrene-d10 |             |              | 11.363 |
| Hit# of 5 | Tentative ID                        |       | MW               | MolForm     | CAS#         | Qual   |
| 1         | Cyclopenta(def)phenanthrenone       |       | 204              | C15H8O      | 005737-13-3  | 70     |
| 2         | [1,1'-Biphenyl]-4,4'-dicarbonitrile |       | 204              | C14H8N2     | 001591-30-6  | 53     |
| 3         | Naphthalene, 2-phenyl-              |       | 204              | C16H12      | 000612-94-2  | 52     |
| 4         | Shikimic acid, methyl ester, 3TMS   |       | 404              | C17H36O5Si3 | 1000510-20-9 | 50     |
| 5         | 4-Formyl-7-methoxycoumarin          |       | 204              | C11H8O4     | 1000429-03-0 | 50     |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072523\  
Data File : BF134465.D  
Acq On : 25 Jul 2023 16:26  
Operator : CG\JU  
Sample : 03707-01 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

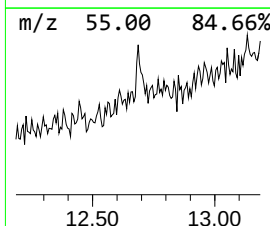
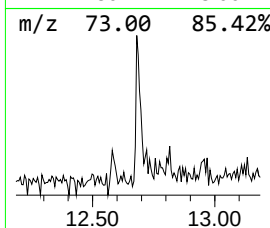
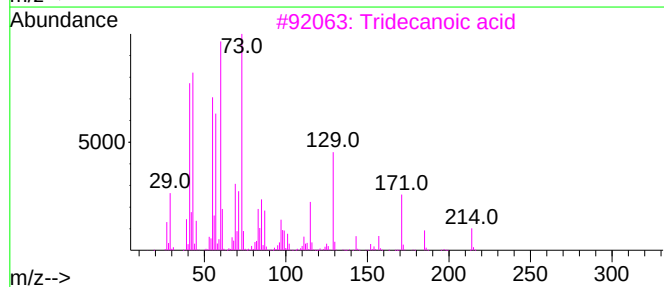
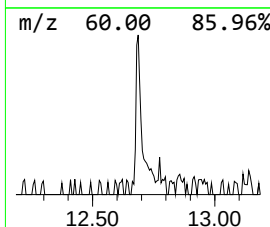
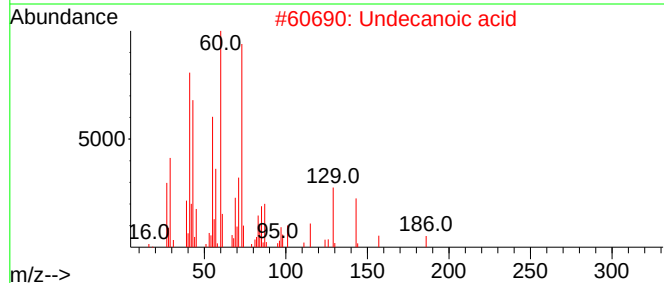
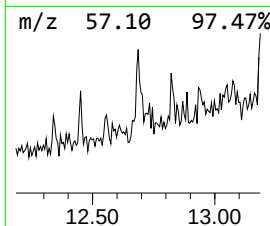
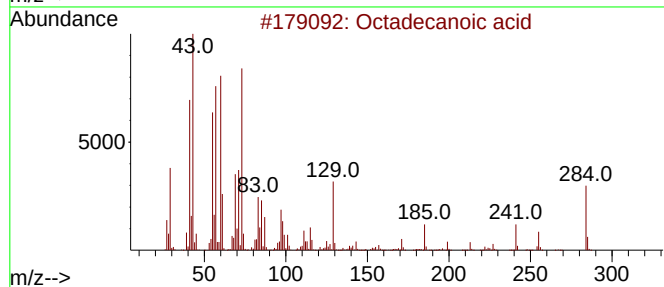
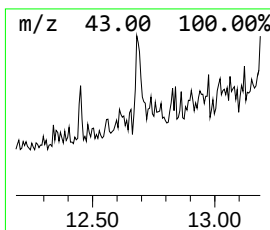
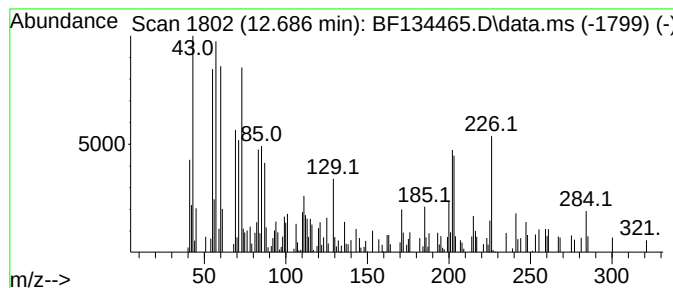
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 unknown12.686 Concentration Rank 8

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.686 | 2.22 ng | 46884 | Phenanthrene-d10 | 11.363 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid        | 284 | C18H36O2 | 000057-11-4 | 42   |
| 2    |    |   | Undecanoic acid          | 186 | C11H22O2 | 000112-37-8 | 35   |
| 3    |    |   | Tridecanoic acid         | 214 | C13H26O2 | 000638-53-9 | 35   |
| 4    |    |   | Octane, 1-(ethenylthio)- | 172 | C10H20S  | 042779-08-8 | 35   |
| 5    |    |   | Pentadecanoic acid       | 242 | C15H30O2 | 001002-84-2 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072523\  
Data File : BF134465.D  
Acq On : 25 Jul 2023 16:26  
Operator : CG\JU  
Sample : 03707-01 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

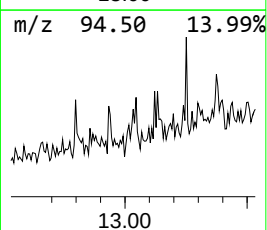
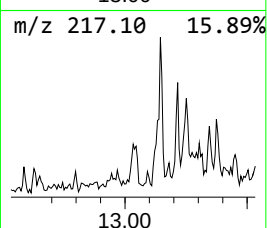
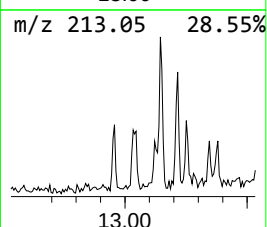
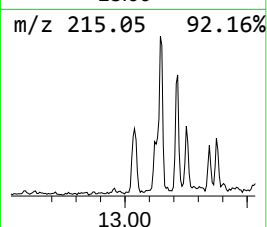
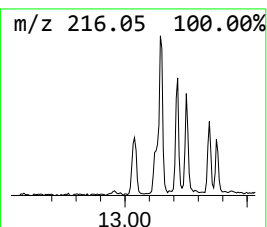
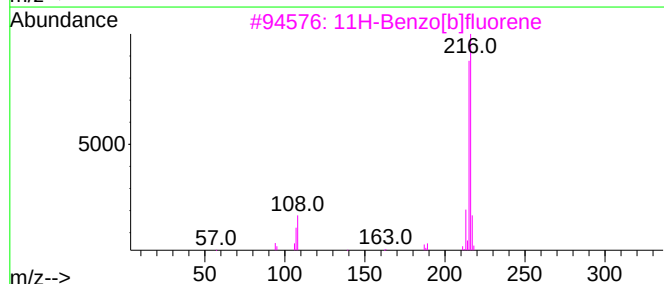
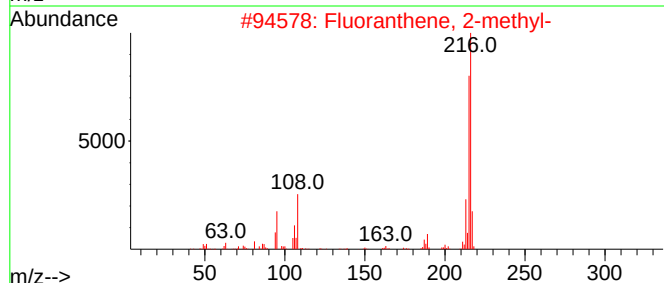
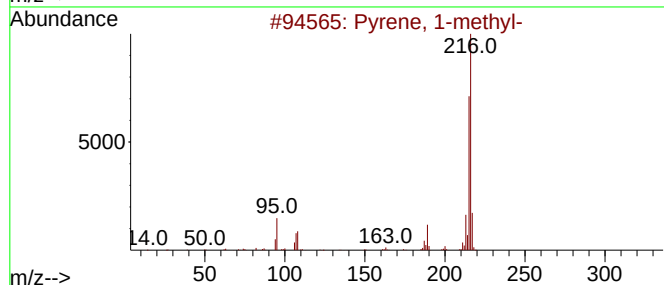
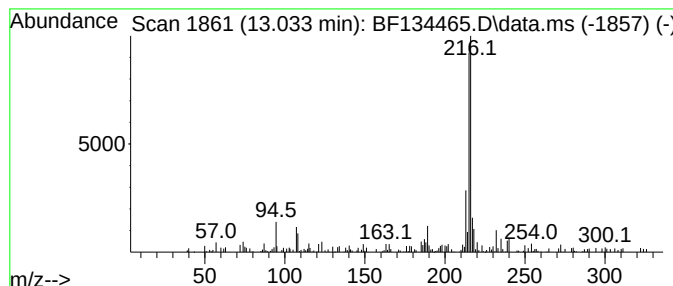
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Pyrene, 1-methyl- Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.033 | 2.84 ng | 104487 | Chrysene-d12     | 14.027 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 90   |
| 2    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 76   |
| 3    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 76   |
| 4    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 64   |
| 5    |    |   | 7H-Benzo[c]fluorene     | 216 | C17H12  | 000205-12-9 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072523\  
Data File : BF134465.D  
Acq On : 25 Jul 2023 16:26  
Operator : CG\JU  
Sample : 03707-01 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

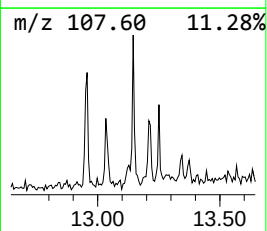
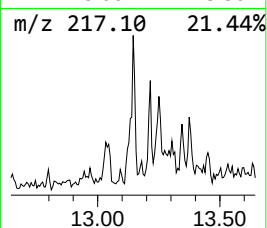
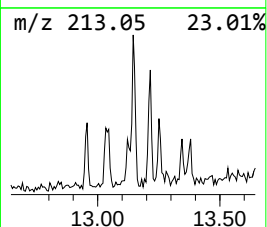
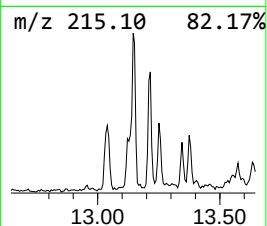
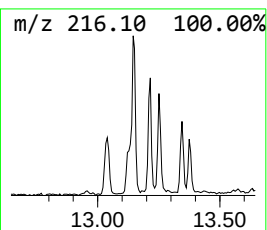
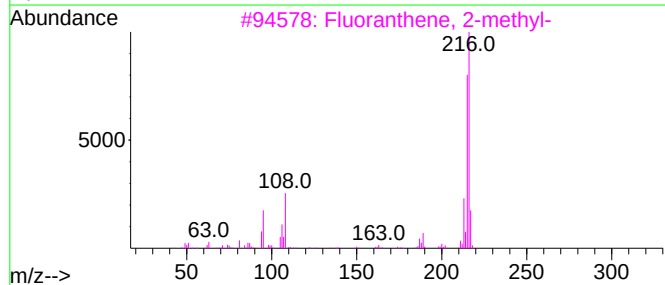
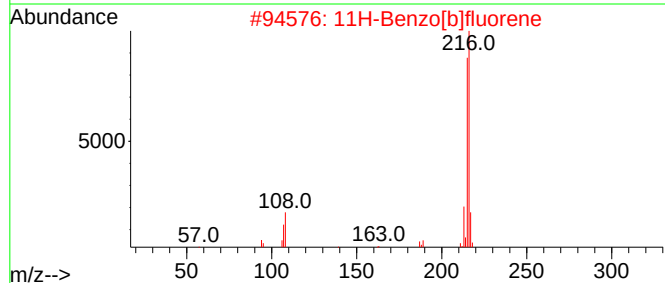
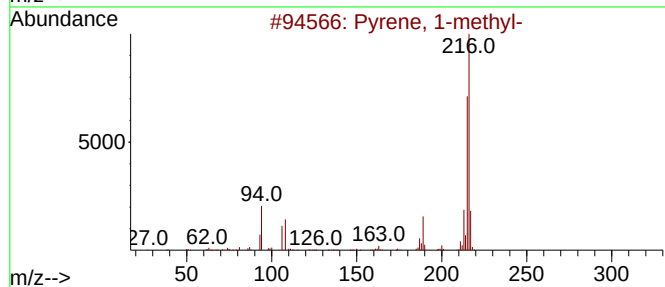
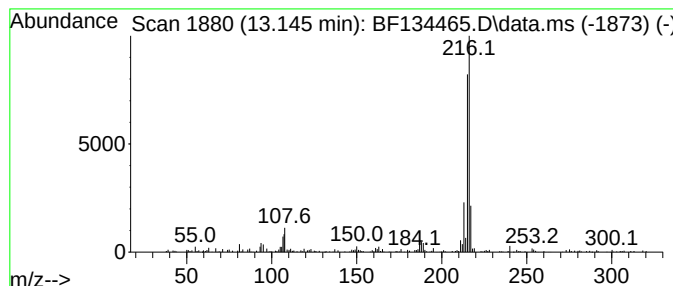
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.145 | 5.58 ng | 205583 | Chrysene-d12     | 14.027 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 90   |
| 2    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 89   |
| 3    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 87   |
| 4    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 86   |
| 5    |    |   | 7H-Benzo[c]fluorene     | 216 | C17H12  | 000205-12-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072523\  
Data File : BF134465.D  
Acq On : 25 Jul 2023 16:26  
Operator : CG\JU  
Sample : 03707-01 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

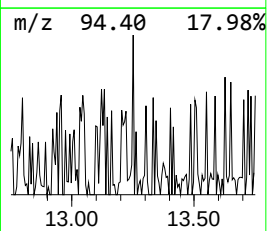
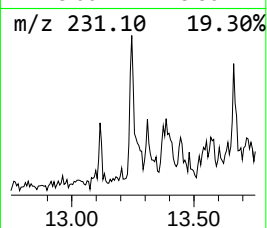
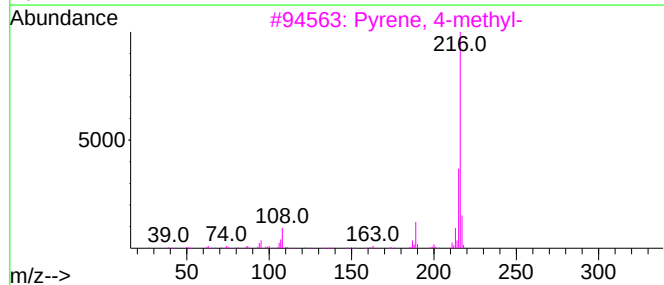
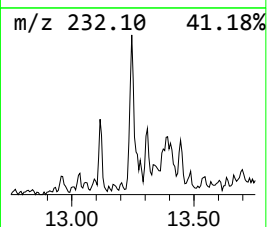
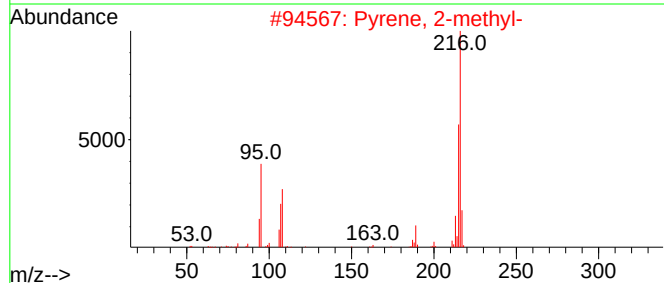
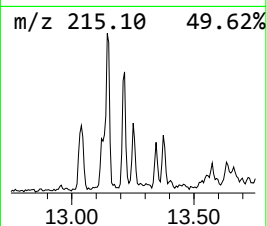
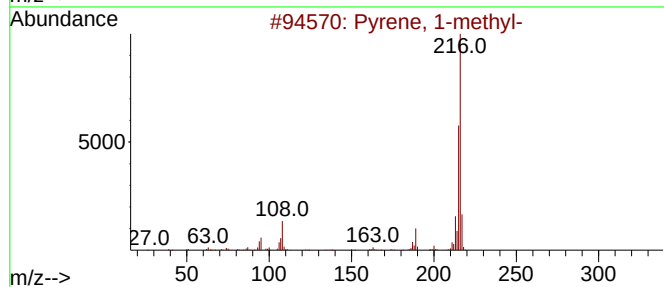
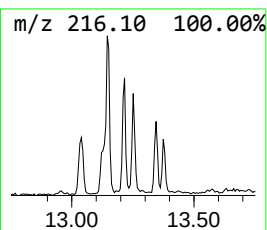
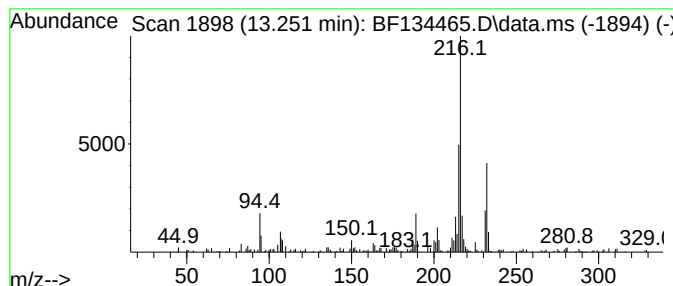
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Pyrene, 4-methyl- Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.251 | 3.22 ng | 118738 | Chrysene-d12     | 14.027 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Pyrene, 1-methyl-                   | 216 | C17H12   | 002381-21-7 | 64   |
| 2    |    |   | Pyrene, 2-methyl-                   | 216 | C17H12   | 003442-78-2 | 64   |
| 3    |    |   | Pyrene, 4-methyl-                   | 216 | C17H12   | 003353-12-6 | 52   |
| 4    |    |   | 11H-Benzo[a]fluorene                | 216 | C17H12   | 000238-84-6 | 50   |
| 5    |    |   | 9,10-Dihydro-9-oxa-10-phosphaphe... | 216 | C12H9O2P | 035948-25-5 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072523\  
Data File : BF134465.D  
Acq On : 25 Jul 2023 16:26  
Operator : CG\JU  
Sample : 03707-01 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-072023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.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 |
| Phenanthrene, 1... | 11.869 | 2.1     | ng    | 43858    | 4                     | 11.363 | 422921 | 20.0 |
| n-Hexadecanoic ... | 11.892 | 6.1     | ng    | 129198   | 4                     | 11.363 | 422921 | 20.0 |
| 4H-Cyclopenta[d... | 11.980 | 4.1     | ng    | 87425    | 4                     | 11.363 | 422921 | 20.0 |
| Anthracene, 1,4... | 12.416 | 2.5     | ng    | 52112    | 4                     | 11.363 | 422921 | 20.0 |
| Cyclopenta(def)... | 12.516 | 3.0     | ng    | 63706    | 4                     | 11.363 | 422921 | 20.0 |
| unknown12.686      | 12.686 | 2.2     | ng    | 46884    | 4                     | 11.363 | 422921 | 20.0 |
| Pyrene, 1-methyl-  | 13.033 | 2.8     | ng    | 104487   | 5                     | 14.027 | 737011 | 20.0 |
| 11H-Benzo[b]flu... | 13.145 | 5.6     | ng    | 205583   | 5                     | 14.027 | 737011 | 20.0 |
| Pyrene, 4-methyl-  | 13.251 | 3.2     | ng    | 118738   | 5                     | 14.027 | 737011 | 20.0 |