

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013125\  
 Data File : BF141354.D  
 Acq On : 01 Feb 2025 01:24  
 Operator : RC/JU  
 Sample : Q1239-07  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR22266

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141354.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         | 3.828       | 286           | 295         | 302          | rBV      | 19791          | 34733         | 1.35%           | 0.131%        |
| 2         | 4.998       | 484           | 494         | 504          | rBV      | 71387          | 113427        | 4.42%           | 0.427%        |
| 3         | 5.416       | 560           | 565         | 588          | rVB      | 1742767        | 2446617       | 95.44%          | 9.213%        |
| 4         | 6.075       | 672           | 677         | 682          | rVB      | 74677          | 93175         | 3.63%           | 0.351%        |
| 5         | 6.439       | 733           | 739         | 756          | rBV      | 1745343        | 2563390       | 100.00%         | 9.652%        |
| 6         | 6.798       | 795           | 800         | 805          | rBV      | 738325         | 894786        | 34.91%          | 3.369%        |
| 7         | 6.869       | 807           | 812         | 816          | rBV2     | 37577          | 55680         | 2.17%           | 0.210%        |
| 8         | 7.357       | 887           | 895         | 900          | rBV      | 1245390        | 1603795       | 62.57%          | 6.039%        |
| 9         | 7.616       | 934           | 939         | 949          | rVB      | 77269          | 100050        | 3.90%           | 0.377%        |
| 10        | 7.828       | 971           | 975         | 980          | rVB      | 20373          | 27329         | 1.07%           | 0.103%        |
| 11        | 8.081       | 1012          | 1018        | 1036         | rVB      | 928055         | 1320741       | 51.52%          | 4.973%        |
| 12        | 8.298       | 1050          | 1055        | 1061         | rBV      | 20034          | 27881         | 1.09%           | 0.105%        |
| 13        | 8.792       | 1134          | 1139        | 1142         | rBV      | 25670          | 33176         | 1.29%           | 0.125%        |
| 14        | 8.886       | 1151          | 1155        | 1163         | rVB      | 21918          | 28593         | 1.12%           | 0.108%        |
| 15        | 9.157       | 1195          | 1201        | 1210         | rBV      | 1859883        | 2414944       | 94.21%          | 9.094%        |
| 16        | 9.233       | 1210          | 1214        | 1221         | rVB3     | 17467          | 33728         | 1.32%           | 0.127%        |
| 17        | 9.492       | 1251          | 1258        | 1261         | rBV      | 25448          | 40240         | 1.57%           | 0.152%        |
| 18        | 9.692       | 1287          | 1292        | 1298         | rVB      | 30923          | 38929         | 1.52%           | 0.147%        |
| 19        | 9.833       | 1309          | 1316        | 1320         | rBV      | 875804         | 1106933       | 43.18%          | 4.168%        |
| 20        | 9.863       | 1320          | 1321        | 1326         | rVB      | 87449          | 78111         | 3.05%           | 0.294%        |
| 21        | 10.039      | 1346          | 1351        | 1355         | rBV      | 44628          | 58576         | 2.29%           | 0.221%        |
| 22        | 10.380      | 1404          | 1409        | 1414         | rVB      | 57344          | 73852         | 2.88%           | 0.278%        |
| 23        | 10.545      | 1432          | 1437        | 1445         | rVB      | 178705         | 234429        | 9.15%           | 0.883%        |
| 24        | 10.622      | 1445          | 1450        | 1467         | rVV      | 775910         | 1025267       | 40.00%          | 3.861%        |
| 25        | 10.745      | 1467          | 1471        | 1478         | rVB4     | 21754          | 38761         | 1.51%           | 0.146%        |
| 26        | 10.927      | 1496          | 1502        | 1505         | rBV4     | 16856          | 29802         | 1.16%           | 0.112%        |
| 27        | 11.074      | 1520          | 1527        | 1532         | rBV5     | 12527          | 31035         | 1.21%           | 0.117%        |
| 28        | 11.127      | 1532          | 1536        | 1540         | rVV      | 29508          | 38648         | 1.51%           | 0.146%        |
| 29        | 11.180      | 1540          | 1545        | 1549         | rVV5     | 24811          | 52880         | 2.06%           | 0.199%        |
| 30        | 11.216      | 1549          | 1551        | 1557         | rVB      | 30513          | 38210         | 1.49%           | 0.144%        |
| 31        | 11.322      | 1564          | 1569        | 1571         | rBV      | 649644         | 890691        | 34.75%          | 3.354%        |
| 32        | 11.345      | 1571          | 1573        | 1577         | rVV      | 486198         | 520859        | 20.32%          | 1.961%        |
| 33        | 11.392      | 1577          | 1581        | 1585         | rVV      | 92002          | 129564        | 5.05%           | 0.488%        |
| 34        | 11.433      | 1585          | 1588        | 1595         | rVB3     | 25521          | 39599         | 1.54%           | 0.149%        |
| 35        | 11.557      | 1602          | 1609        | 1616         | rBV2     | 45497          | 86542         | 3.38%           | 0.326%        |
| 36        | 11.622      | 1616          | 1620        | 1623         | rVV2     | 21407          | 30486         | 1.19%           | 0.115%        |

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Sample : Q1239-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR22266

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 11.821 | 1650 | 1654 | 1656 | rBV  | 62265   | 80711   | 3.15%  | 0.304% |
| 38 | 11.857 | 1656 | 1660 | 1664 | rVV2 | 184759  | 262419  | 10.24% | 0.988% |
| 39 | 11.933 | 1669 | 1673 | 1682 | rVB2 | 106736  | 212600  | 8.29%  | 0.801% |
| 40 | 12.027 | 1682 | 1689 | 1693 | rBV5 | 21827   | 49201   | 1.92%  | 0.185% |
| 41 | 12.116 | 1699 | 1704 | 1707 | rBV  | 45361   | 75745   | 2.95%  | 0.285% |
| 42 | 12.269 | 1726 | 1730 | 1733 | rBV  | 25171   | 33980   | 1.33%  | 0.128% |
| 43 | 12.374 | 1744 | 1748 | 1751 | rBV  | 37973   | 52053   | 2.03%  | 0.196% |
| 44 | 12.410 | 1751 | 1754 | 1759 | rVB3 | 20888   | 32029   | 1.25%  | 0.121% |
| 45 | 12.457 | 1759 | 1762 | 1767 | rVB  | 51265   | 65688   | 2.56%  | 0.247% |
| 46 | 12.533 | 1770 | 1775 | 1780 | rBV  | 781546  | 1009443 | 39.38% | 3.801% |
| 47 | 12.580 | 1780 | 1783 | 1789 | rVB3 | 22310   | 41495   | 1.62%  | 0.156% |
| 48 | 12.639 | 1789 | 1793 | 1797 | rBV2 | 31170   | 67797   | 2.64%  | 0.255% |
| 49 | 12.763 | 1807 | 1814 | 1820 | rBV  | 756571  | 1104021 | 43.07% | 4.157% |
| 50 | 12.816 | 1820 | 1823 | 1830 | rVB2 | 46733   | 69036   | 2.69%  | 0.260% |
| 51 | 12.910 | 1831 | 1839 | 1846 | rBV  | 1388356 | 1843020 | 71.90% | 6.940% |
| 52 | 12.980 | 1846 | 1851 | 1855 | rBV3 | 64290   | 119710  | 4.67%  | 0.451% |
| 53 | 13.092 | 1862 | 1870 | 1874 | rVB3 | 91622   | 192413  | 7.51%  | 0.725% |
| 54 | 13.157 | 1878 | 1881 | 1884 | rVV  | 48545   | 62767   | 2.45%  | 0.236% |
| 55 | 13.192 | 1884 | 1887 | 1895 | rVB2 | 77677   | 138511  | 5.40%  | 0.522% |
| 56 | 13.292 | 1900 | 1904 | 1906 | rBV2 | 66239   | 91345   | 3.56%  | 0.344% |
| 57 | 13.598 | 1953 | 1956 | 1961 | rVB  | 82769   | 110188  | 4.30%  | 0.415% |
| 58 | 13.704 | 1970 | 1974 | 1978 | rBV3 | 81548   | 144690  | 5.64%  | 0.545% |
| 59 | 13.745 | 1978 | 1981 | 1982 | rVV  | 60650   | 77428   | 3.02%  | 0.292% |
| 60 | 13.768 | 1982 | 1985 | 1989 | rVV3 | 96133   | 177679  | 6.93%  | 0.669% |
| 61 | 13.810 | 1989 | 1992 | 1997 | rVB  | 91476   | 126349  | 4.93%  | 0.476% |
| 62 | 13.963 | 2012 | 2018 | 2021 | rBV2 | 910887  | 1550211 | 60.48% | 5.837% |
| 63 | 14.998 | 2189 | 2194 | 2204 | rBV  | 355365  | 763798  | 29.80% | 2.876% |
| 64 | 15.298 | 2241 | 2245 | 2250 | rVB  | 160908  | 245032  | 9.56%  | 0.923% |
| 65 | 15.357 | 2251 | 2255 | 2260 | rVV  | 208794  | 303428  | 11.84% | 1.143% |
| 66 | 15.421 | 2261 | 2266 | 2279 | rVB2 | 397988  | 757763  | 29.56% | 2.853% |
| 67 | 16.856 | 2506 | 2510 | 2520 | rVB2 | 82058   | 178060  | 6.95%  | 0.670% |
| 68 | 17.292 | 2580 | 2584 | 2594 | rVB  | 68220   | 142707  | 5.57%  | 0.537% |

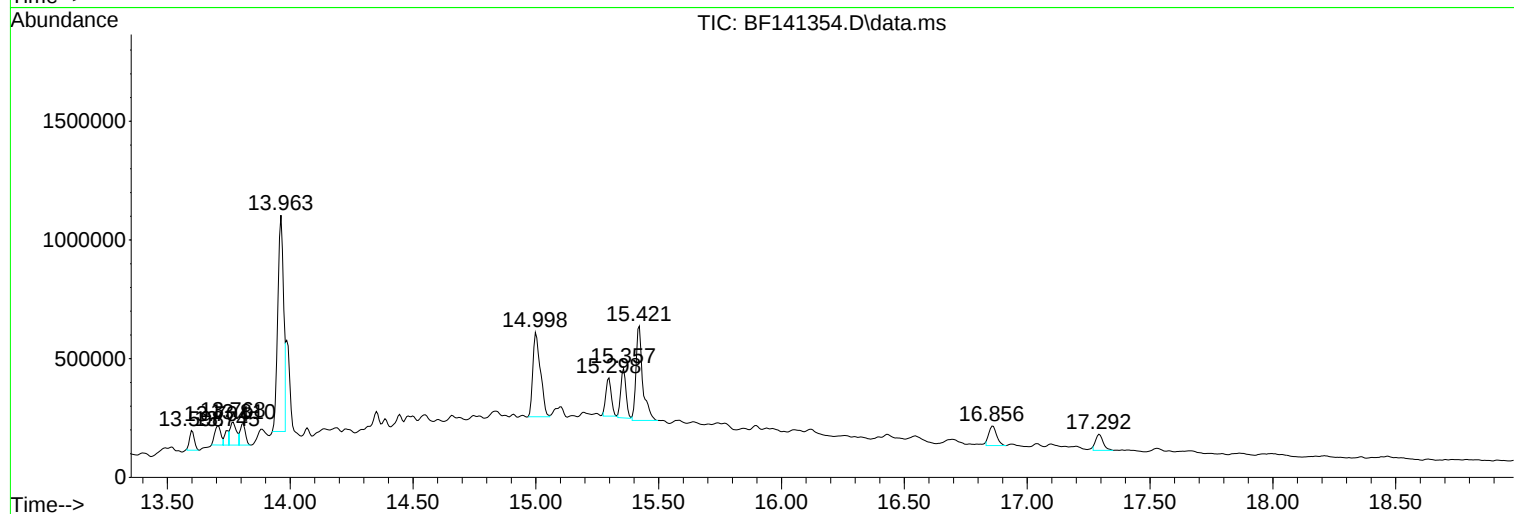
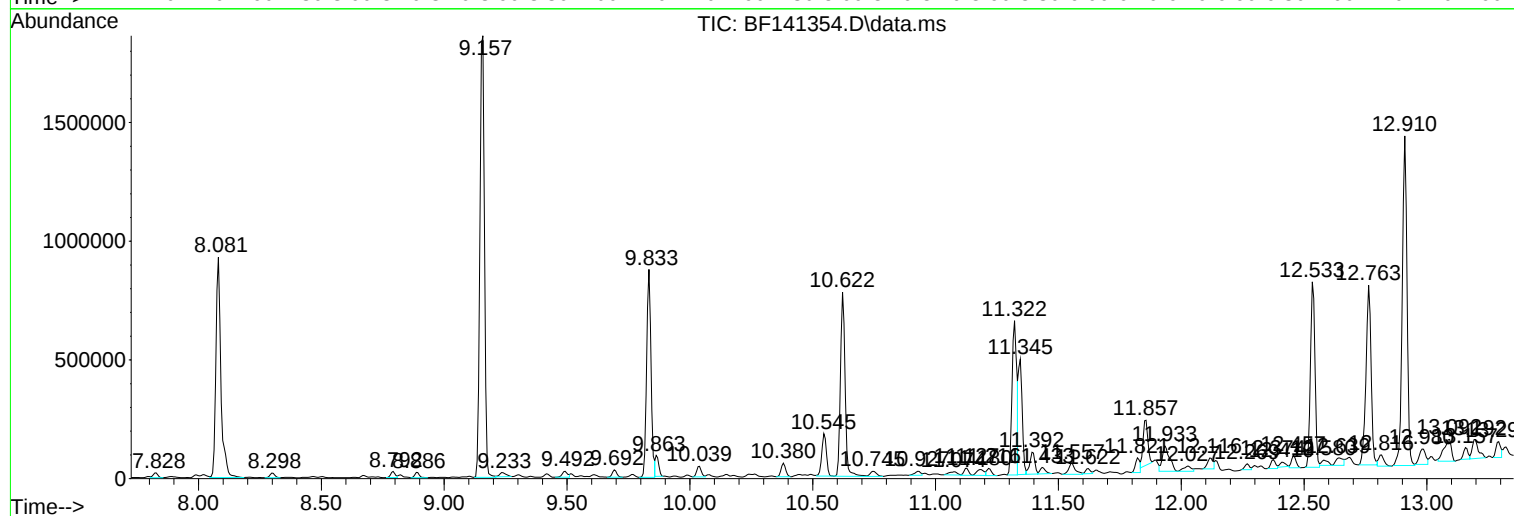
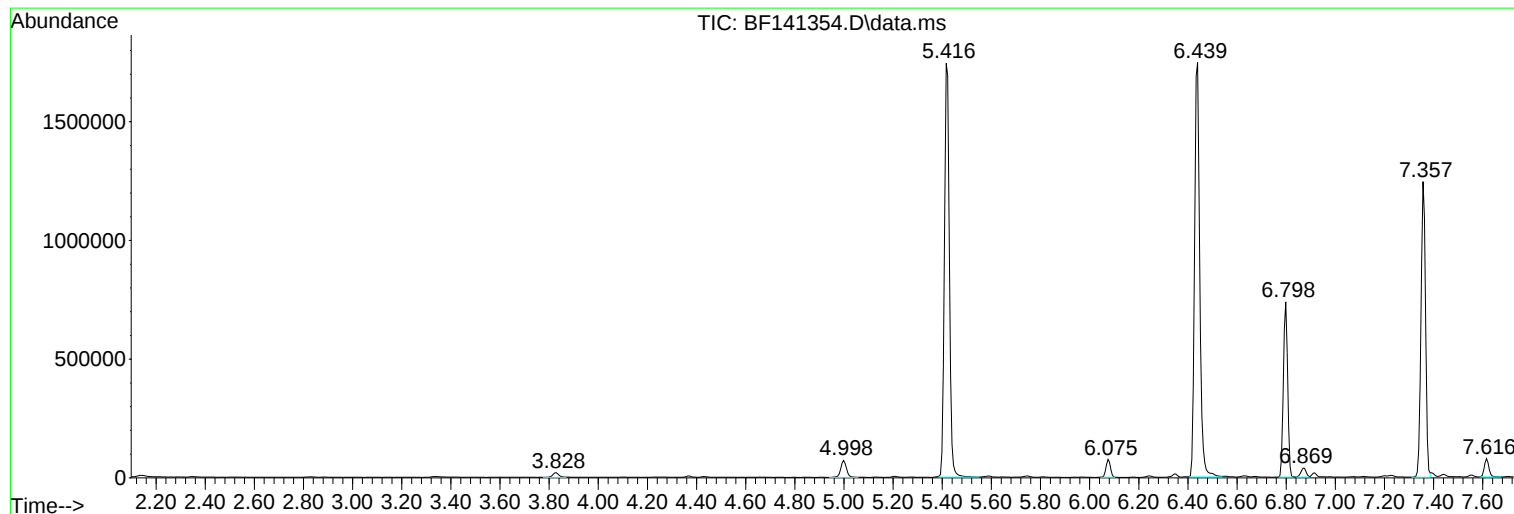
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Sample : Q1239-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR22266

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.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\BF013125\  
Data File : BF141354.D  
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Sample : Q1239-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

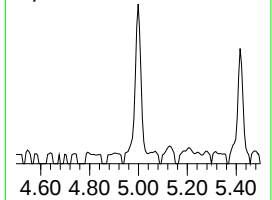
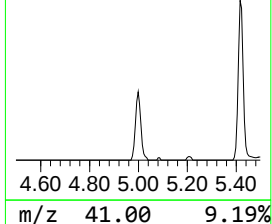
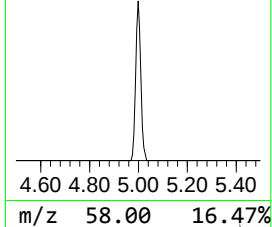
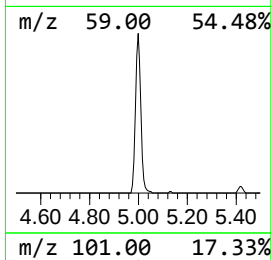
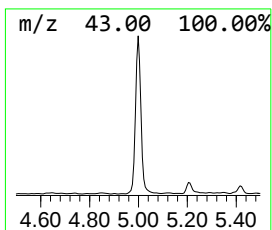
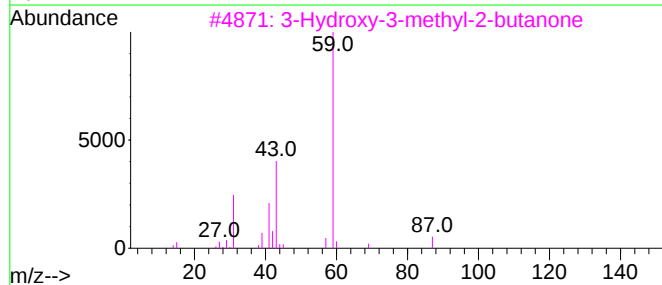
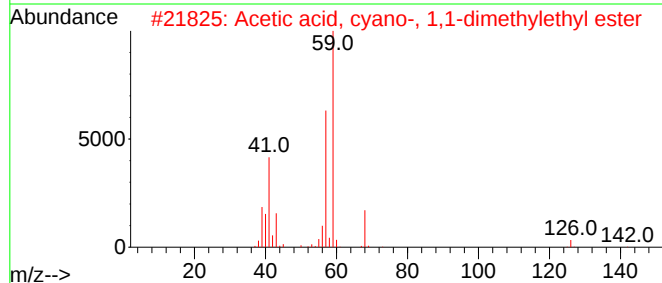
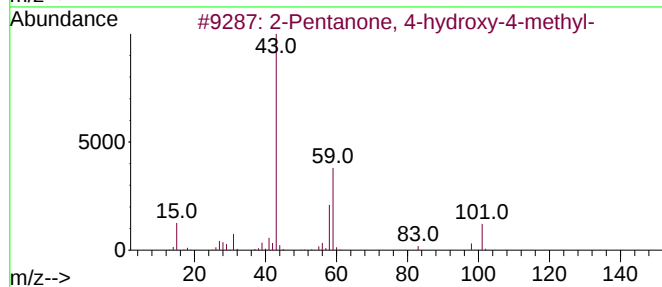
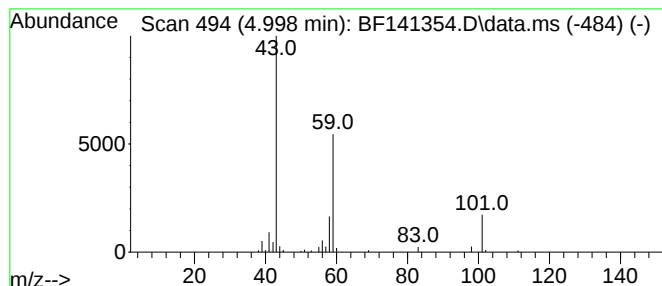
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.998 | 2.54 ng | 113427 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# | of 5                                | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|----------|-------------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116          | C6H12O2  | 000123-42-2 | 59   |      |
| 2    | Acetic acid, cyano-, 1,1-dimethy... | 141          | C7H11NO2 | 001116-98-9 | 23   |      |
| 3    | 3-Hydroxy-3-methyl-2-butanone       | 102          | C5H10O2  | 000115-22-0 | 23   |      |
| 4    | 1-Propen-2-ol, acetate              | 100          | C5H8O2   | 000108-22-5 | 12   |      |
| 5    | 2,3-Butanedione, monooxime          | 101          | C4H7NO2  | 000057-71-6 | 9    |      |



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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
RBR22266

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

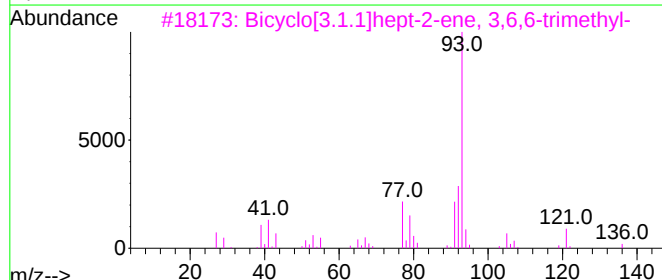
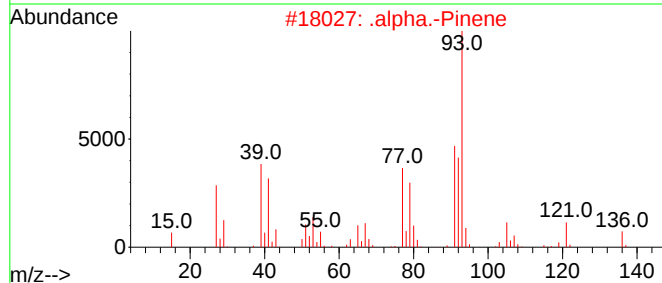
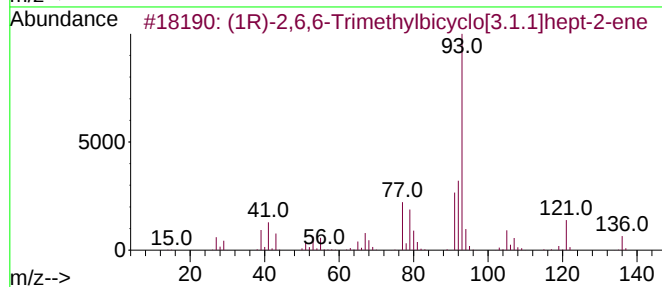
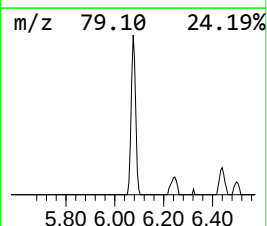
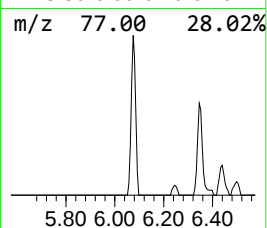
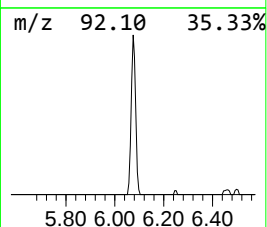
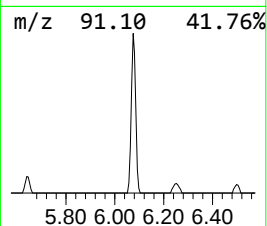
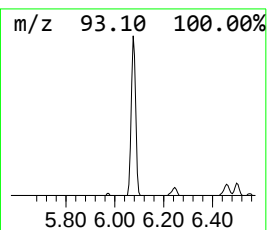
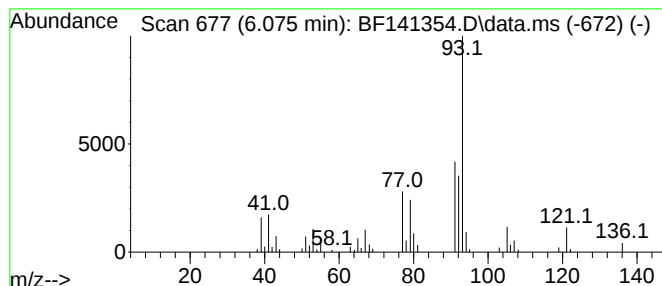
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 6.075 | 2.08 ng | 93175 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# | of | 5 | Tentative ID                                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------------------|-----|---------|-------------|------|
| 1    |    |   | (1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene | 136 | C10H16  | 007785-70-8 | 94   |
| 2    |    |   | .alpha.-Pinene                               | 136 | C10H16  | 000080-56-8 | 94   |
| 3    |    |   | Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-   | 136 | C10H16  | 004889-83-2 | 94   |
| 4    |    |   | (1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene | 136 | C10H16  | 007785-26-4 | 93   |
| 5    |    |   | Tricyclo[2.2.1.0(2,6)]heptane, 1,4-dichloro- | 136 | C10H16  | 000508-32-7 | 91   |



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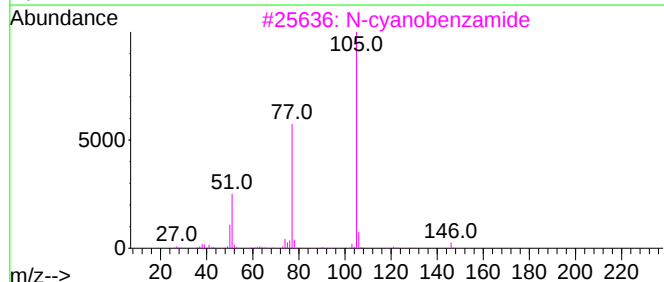
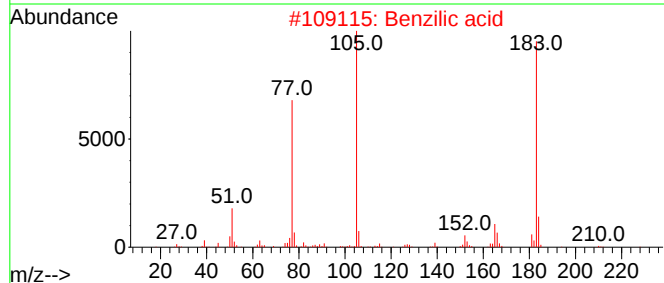
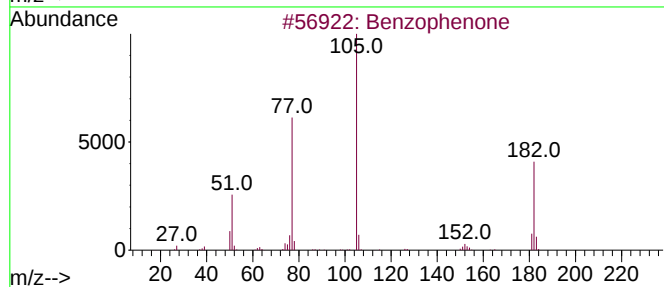
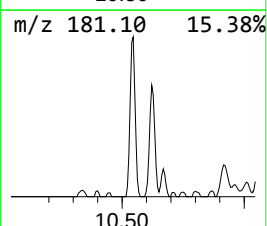
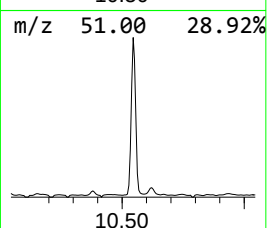
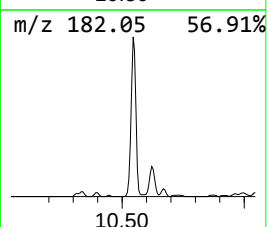
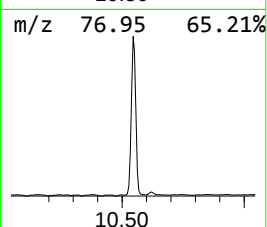
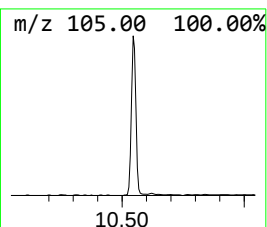
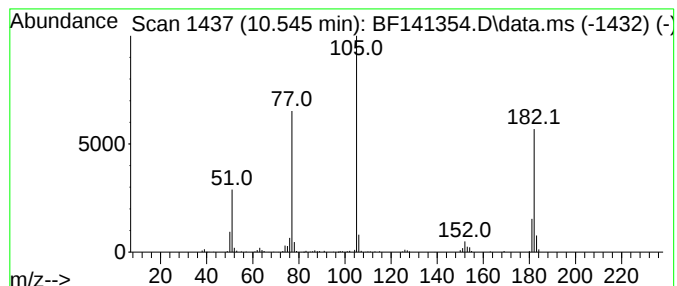
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Benzophenone Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.545 | 4.24 ng | 234429 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Benzilic acid                       | 228 | C14H12O3 | 000076-93-7 | 47   |
| 3    |    |   | N-cyanobenzamide                    | 146 | C8H6N2O  | 015150-25-1 | 47   |
| 4    |    |   | 2-Phenyl-4-ethylidene-2-oxazolin... | 187 | C11H9N02 | 037791-41-6 | 47   |
| 5    |    |   | Methyl benzilate                    | 242 | C15H14O3 | 000076-89-1 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013125\  
Data File : BF141354.D  
Acq On : 01 Feb 2025 01:24  
Operator : RC/JU  
Sample : Q1239-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR22266

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

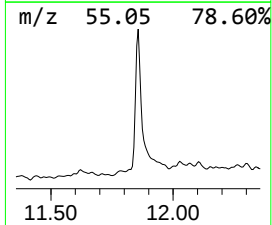
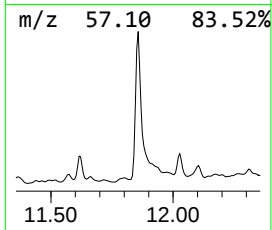
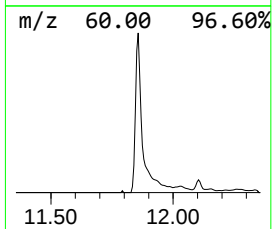
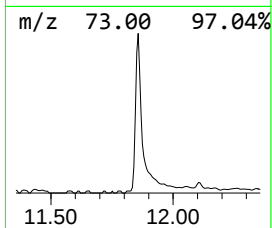
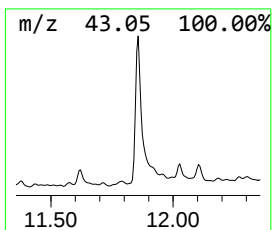
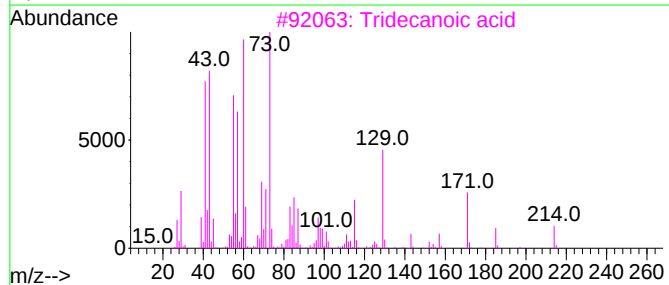
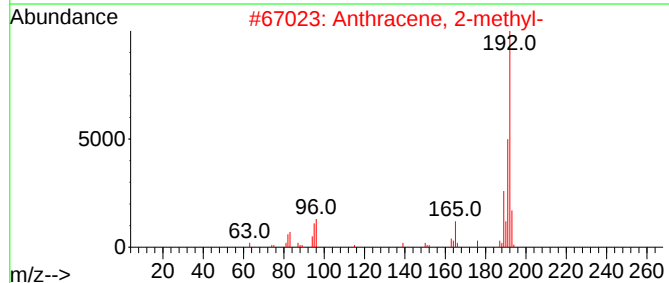
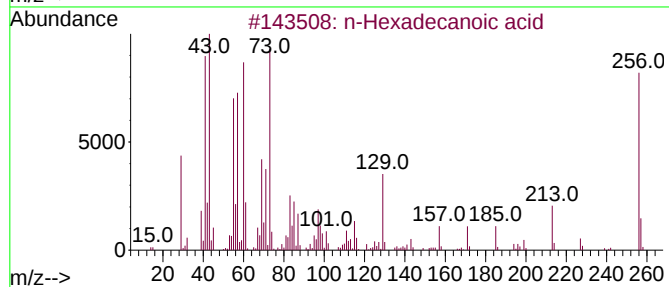
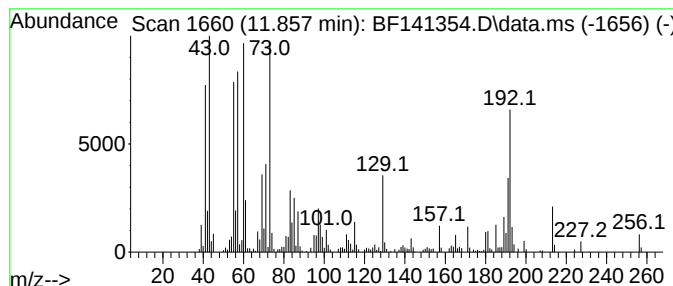
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.857 | 5.89 ng | 262419 | Phenanthrene-d10 | 11.322 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid     | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |      | Anthracene, 2-methyl-   | 192 | C15H12   | 000613-12-7 | 64   |
| 3    |      | Tridecanoic acid        | 214 | C13H26O2 | 000638-53-9 | 55   |
| 4    |      | Phenanthrene, 1-methyl- | 192 | C15H12   | 000832-69-9 | 53   |
| 5    |      | Phenanthrene, 3-methyl- | 192 | C15H12   | 000832-71-3 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013125\  
Data File : BF141354.D  
Acq On : 01 Feb 2025 01:24  
Operator : RC/JU  
Sample : Q1239-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR22266

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

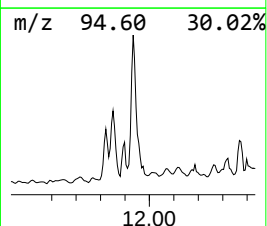
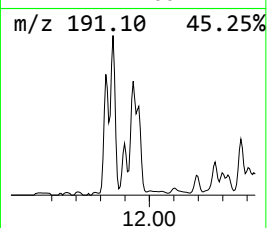
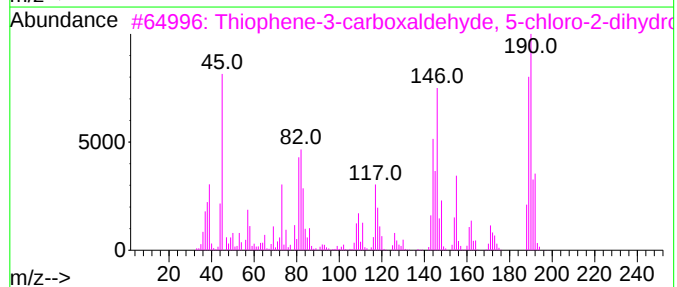
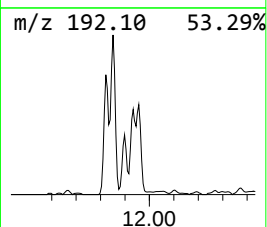
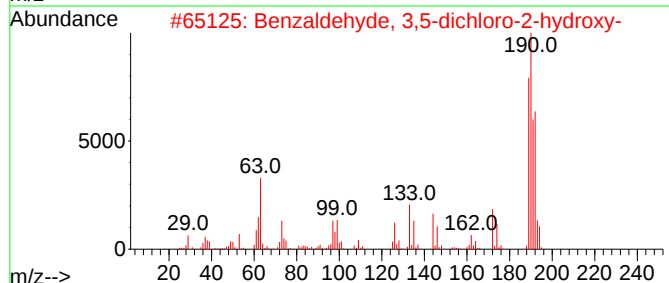
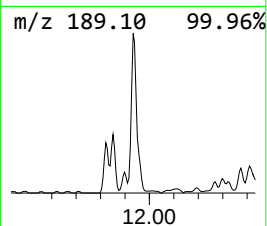
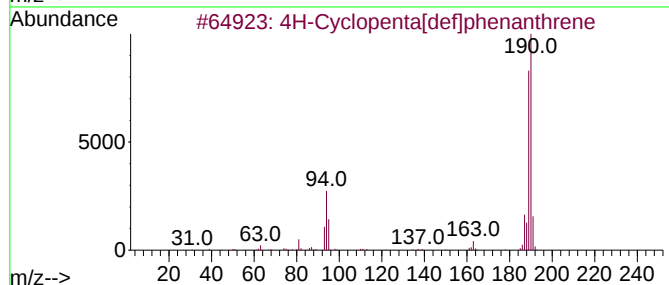
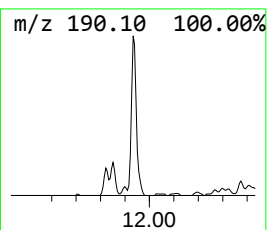
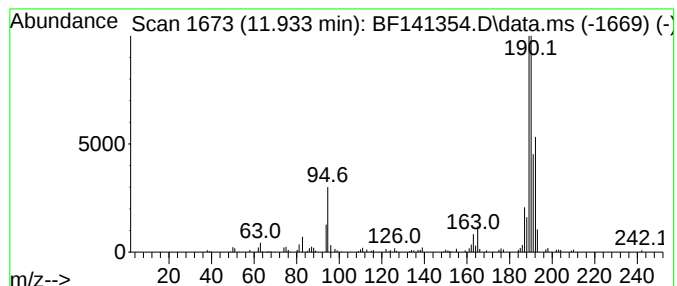
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.933 | 4.77 ng | 212600 | Phenanthrene-d10 | 11.322 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5 | 64   |
| 2    |    |   | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2  | 000090-60-8 | 47   |
| 3    |    |   | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 47   |
| 4    |    |   | Benzene, 1,1'-(1,2-propadienylid... | 192 | C15H12     | 014251-57-1 | 22   |
| 5    |    |   | Cyclohexanone, 2-(2-furanylmethy... | 190 | C12H14O2   | 056053-07-7 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013125\  
Data File : BF141354.D  
Acq On : 01 Feb 2025 01:24  
Operator : RC/JU  
Sample : Q1239-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR22266

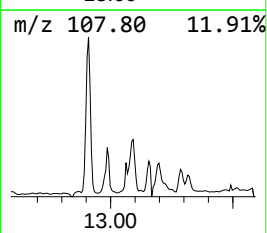
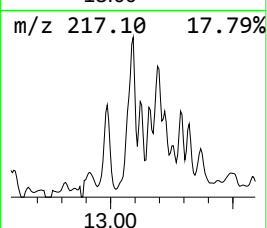
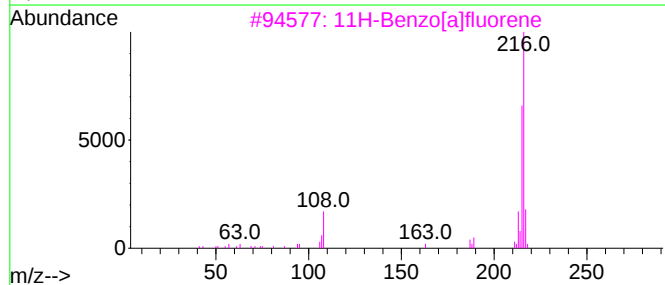
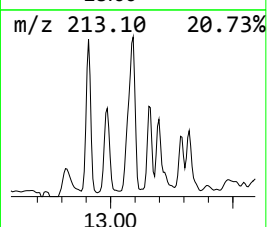
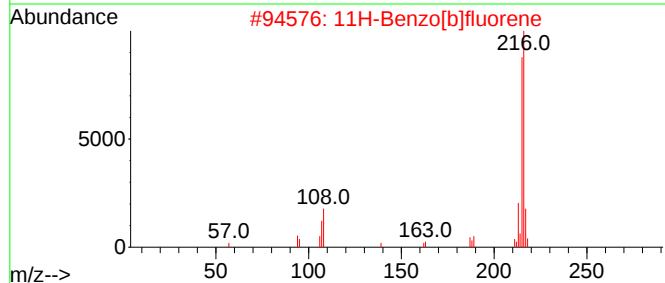
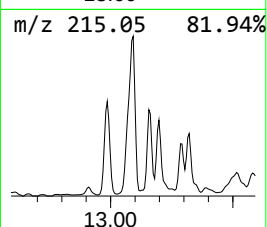
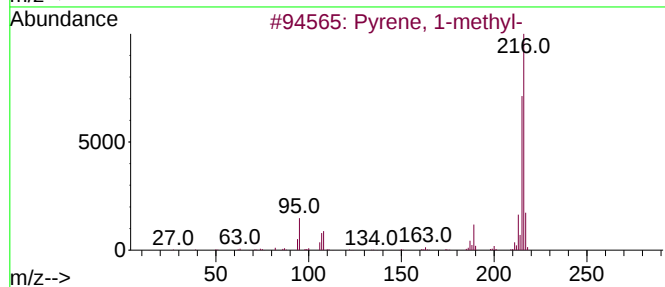
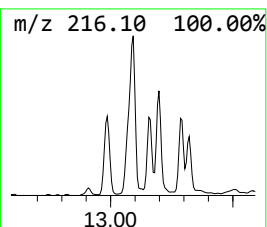
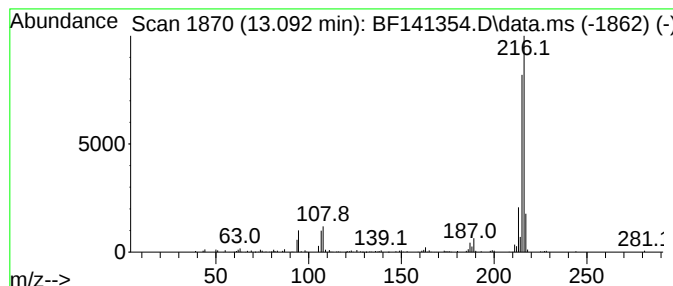
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.092 | 2.48 ng | 192413 | Chrysene-d12     | 13.963 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 93   |
| 2    |      | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 3    |      | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 90   |
| 4    |      | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 87   |
| 5    |      | 7H-Benzo[c]fluorene     | 216 | C17H12  | 000205-12-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013125\  
Data File : BF141354.D  
Acq On : 01 Feb 2025 01:24  
Operator : RC/JU  
Sample : Q1239-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR22266

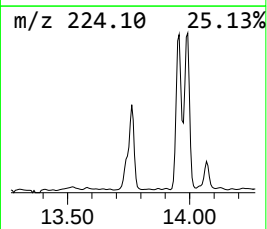
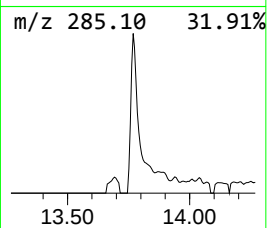
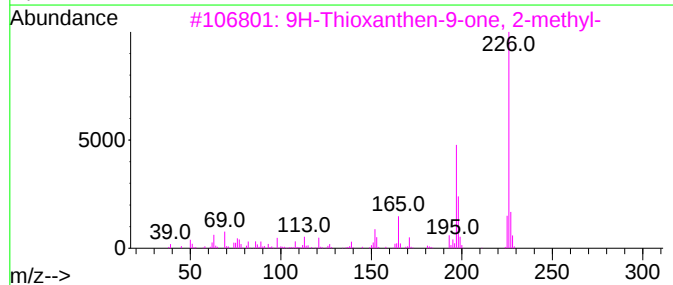
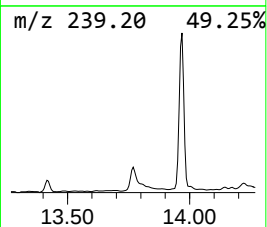
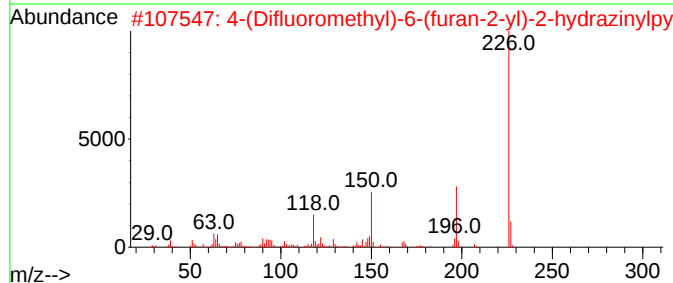
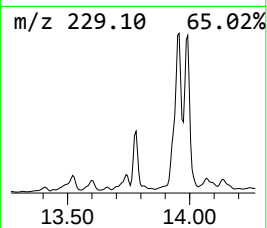
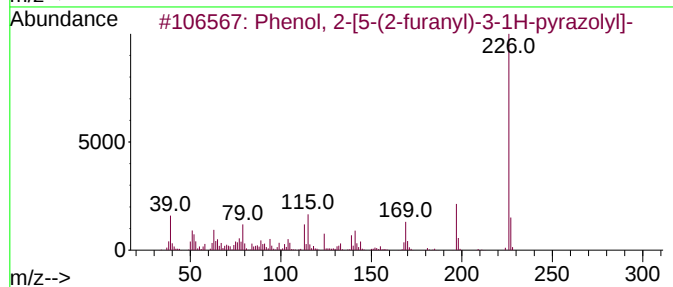
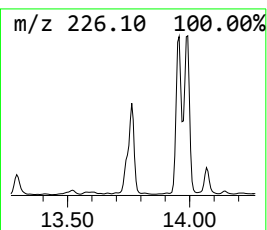
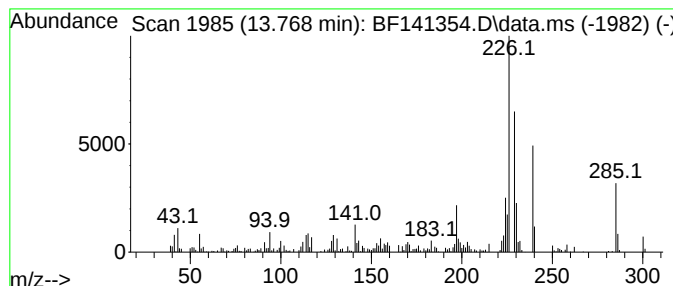
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 unknown13.768 Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.768 | 2.29 ng | 177679 | Chrysene-d12     | 13.963 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Phenol, 2-[5-(2-furanyl)-3-1H-py... | 226 | C13H10N2O2 | 038371-84-5  | 27   |
| 2    |    |   | 4-(Difluoromethyl)-6-(furan-2-yl... | 226 | C9H8F2N4O  | 869946-84-9  | 25   |
| 3    |    |   | 9H-Thioxanthen-9-one, 2-methyl-     | 226 | C14H10O5   | 015774-82-0  | 22   |
| 4    |    |   | 2-Furfurylidene-7-hydroxy-1-inda... | 226 | C14H10O3   | 1000244-80-4 | 22   |
| 5    |    |   | 3-Hydroxy-4-methyl-6H-benzo[c]ch... | 226 | C14H10O3   | 076244-77-4  | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013125\  
Data File : BF141354.D  
Acq On : 01 Feb 2025 01:24  
Operator : RC/JU  
Sample : Q1239-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR22266

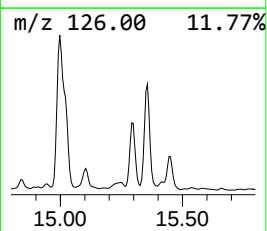
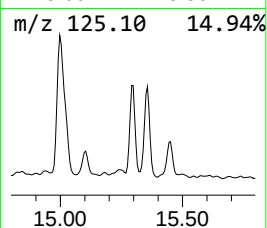
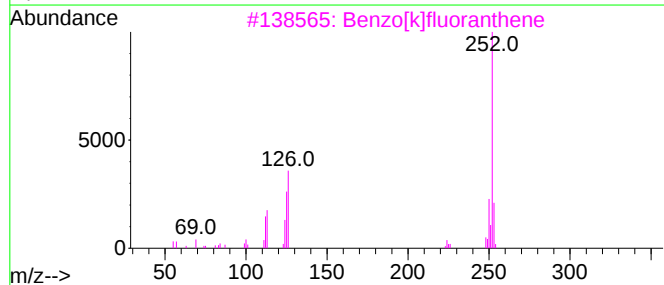
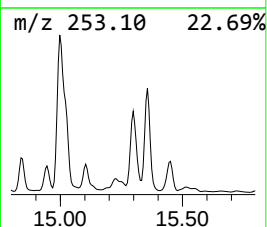
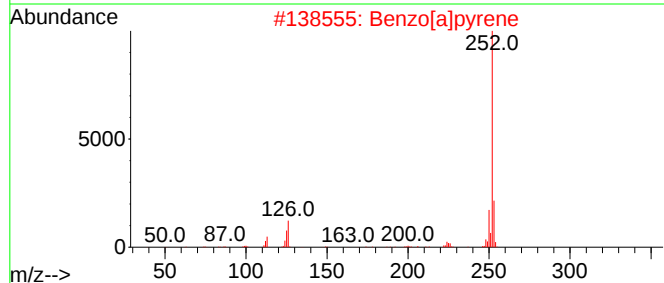
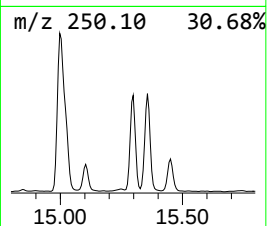
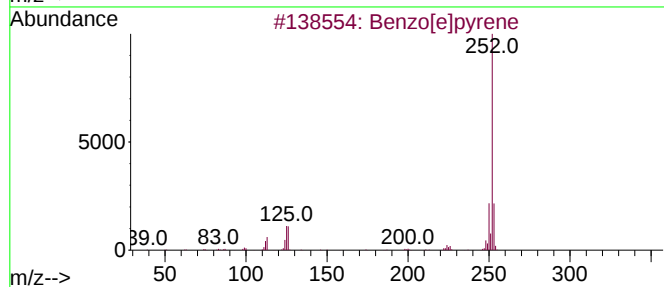
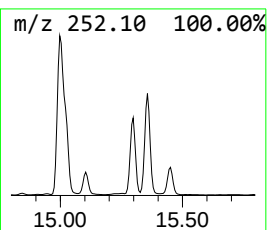
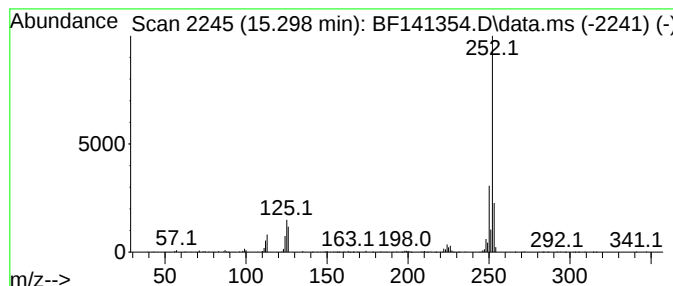
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Benzo[e]pyrene Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.298 | 6.47 ng | 245032 | Perylene-d12     | 15.421 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013125\  
Data File : BF141354.D  
Acq On : 01 Feb 2025 01:24  
Operator : RC/JU  
Sample : Q1239-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RBR22266

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.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 |
| 2-Pentanone, 4-... | 4.998  | 2.5     | ng    | 113427   | 1                     | 6.798  | 894786  | 20.0 |
| (1R)-2,6,6-Trim... | 6.075  | 2.1     | ng    | 93175    | 1                     | 6.798  | 894786  | 20.0 |
| Benzophenone       | 10.545 | 4.2     | ng    | 234429   | 3                     | 9.833  | 1106930 | 20.0 |
| n-Hexadecanoic ... | 11.857 | 5.9     | ng    | 262419   | 4                     | 11.322 | 890691  | 20.0 |
| 4H-Cyclopenta[d... | 11.933 | 4.8     | ng    | 212600   | 4                     | 11.322 | 890691  | 20.0 |
| Pyrene, 1-methyl-  | 13.092 | 2.5     | ng    | 192413   | 5                     | 13.963 | 1550210 | 20.0 |
| unknown13.768      | 13.768 | 2.3     | ng    | 177679   | 5                     | 13.963 | 1550210 | 20.0 |
| Benzo[e]pyrene     | 15.298 | 6.5     | ng    | 245032   | 6                     | 15.421 | 757763  | 20.0 |