

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100925\  
 Data File : BF143917.D  
 Acq On : 09 Oct 2025 19:13  
 Operator : RC/JU  
 Sample : Q3315-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11989

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-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143917.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         | 2.487       | 36            | 50          | 56           | rVB3     | 13941          | 41470         | 2.67%           | 0.192%        |
| 2         | 3.957       | 295           | 300         | 306          | rVB      | 13572          | 21446         | 1.38%           | 0.099%        |
| 3         | 5.093       | 482           | 493         | 504          | rVB2     | 21237          | 40933         | 2.63%           | 0.189%        |
| 4         | 5.493       | 553           | 561         | 574          | rBV      | 1054373        | 1379460       | 88.76%          | 6.377%        |
| 5         | 6.498       | 726           | 732         | 749          | rBV      | 1012060        | 1298965       | 83.58%          | 6.005%        |
| 6         | 6.881       | 792           | 797         | 802          | rBV      | 444552         | 538282        | 34.64%          | 2.489%        |
| 7         | 7.439       | 886           | 892         | 901          | rBV      | 611890         | 787683        | 50.69%          | 3.642%        |
| 8         | 7.516       | 901           | 905         | 917          | rVB      | 30184          | 48721         | 3.14%           | 0.225%        |
| 9         | 8.163       | 1010          | 1015        | 1023         | rBV      | 516267         | 649995        | 41.83%          | 3.005%        |
| 10        | 9.239       | 1192          | 1198        | 1209         | rBV      | 1041600        | 1378390       | 88.70%          | 6.373%        |
| 11        | 9.575       | 1251          | 1255        | 1258         | rBV      | 11407          | 16270         | 1.05%           | 0.075%        |
| 12        | 9.780       | 1285          | 1290        | 1294         | rBV      | 23288          | 29149         | 1.88%           | 0.135%        |
| 13        | 9.922       | 1306          | 1314        | 1318         | rBV      | 517377         | 678465        | 43.66%          | 3.137%        |
| 14        | 9.951       | 1318          | 1319        | 1329         | rVB      | 31825          | 30985         | 1.99%           | 0.143%        |
| 15        | 10.122      | 1342          | 1348        | 1352         | rBV      | 16828          | 23048         | 1.48%           | 0.107%        |
| 16        | 10.322      | 1378          | 1382        | 1389         | rBV2     | 50726          | 79635         | 5.12%           | 0.368%        |
| 17        | 10.469      | 1403          | 1407        | 1412         | rVB2     | 21107          | 30253         | 1.95%           | 0.140%        |
| 18        | 10.633      | 1429          | 1435        | 1442         | rVB      | 125272         | 160070        | 10.30%          | 0.740%        |
| 19        | 10.710      | 1442          | 1448        | 1460         | rVV      | 548165         | 751457        | 48.35%          | 3.474%        |
| 20        | 10.833      | 1464          | 1469        | 1474         | rVB3     | 17329          | 26667         | 1.72%           | 0.123%        |
| 21        | 10.945      | 1484          | 1488        | 1493         | rVB      | 13429          | 19543         | 1.26%           | 0.090%        |
| 22        | 11.016      | 1495          | 1500        | 1503         | rBV4     | 11236          | 18654         | 1.20%           | 0.086%        |
| 23        | 11.216      | 1530          | 1534        | 1538         | rVV      | 16821          | 21585         | 1.39%           | 0.100%        |
| 24        | 11.269      | 1538          | 1543        | 1546         | rVV5     | 9979           | 18882         | 1.22%           | 0.087%        |
| 25        | 11.304      | 1546          | 1549        | 1553         | rVB      | 23999          | 30765         | 1.98%           | 0.142%        |
| 26        | 11.410      | 1562          | 1567        | 1569         | rBV      | 521831         | 688251        | 44.29%          | 3.182%        |
| 27        | 11.433      | 1569          | 1571        | 1575         | rVV      | 354642         | 395590        | 25.46%          | 1.829%        |
| 28        | 11.486      | 1576          | 1580        | 1583         | rVV      | 41922          | 59555         | 3.83%           | 0.275%        |
| 29        | 11.569      | 1591          | 1594        | 1601         | rVB6     | 8663           | 17839         | 1.15%           | 0.082%        |
| 30        | 11.639      | 1601          | 1606        | 1613         | rBV      | 33939          | 65149         | 4.19%           | 0.301%        |
| 31        | 11.739      | 1620          | 1623        | 1628         | rVB2     | 21469          | 29745         | 1.91%           | 0.138%        |
| 32        | 11.939      | 1647          | 1657        | 1663         | rBV3     | 274251         | 557992        | 35.91%          | 2.580%        |
| 33        | 12.022      | 1667          | 1671        | 1680         | rVB2     | 104819         | 228493        | 14.70%          | 1.056%        |
| 34        | 12.116      | 1680          | 1687        | 1690         | rBV4     | 19759          | 42775         | 2.75%           | 0.198%        |
| 35        | 12.145      | 1690          | 1692        | 1695         | rVV      | 17710          | 20396         | 1.31%           | 0.094%        |
| 36        | 12.210      | 1699          | 1703        | 1704         | rVV2     | 50974          | 62399         | 4.02%           | 0.288%        |

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 BNA\_F  
 ClientSampleId :  
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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-BF100625.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 37 | 12.233 | 1704 | 1707 | 1713 | rVB2 | 63304 | 91006  | 5.86% | 0.421% |
| 38 | 12.357 | 1722 | 1728 | 1731 | rBV3 | 29425 | 51892  | 3.34% | 0.240% |
| 39 | 12.392 | 1731 | 1734 | 1736 | rBV  | 22429 | 25915  | 1.67% | 0.120% |
| 40 | 12.463 | 1742 | 1746 | 1749 | rBV  | 78062 | 104800 | 6.74% | 0.485% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 12.498 | 1749 | 1752 | 1758 | rVV2 | 39413  | 70003  | 4.50%  | 0.324% |
| 42 | 12.551 | 1758 | 1761 | 1769 | rVB4 | 47820  | 66964  | 4.31%  | 0.310% |
| 43 | 12.627 | 1769 | 1774 | 1779 | rBV  | 671113 | 857494 | 55.18% | 3.964% |
| 44 | 12.721 | 1787 | 1790 | 1793 | rBV2 | 53837  | 67329  | 4.33%  | 0.311% |
| 45 | 12.780 | 1798 | 1800 | 1803 | rVV  | 24103  | 24842  | 1.60%  | 0.115% |

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 46 | 12.857 | 1806 | 1813 | 1819 | rVV  | 625193  | 916895  | 59.00%  | 4.239% |
| 47 | 12.910 | 1819 | 1822 | 1826 | rVB2 | 38787   | 51611   | 3.32%   | 0.239% |
| 48 | 12.998 | 1829 | 1837 | 1844 | rVB  | 1162109 | 1554070 | 100.00% | 7.185% |
| 49 | 13.074 | 1845 | 1850 | 1857 | rBV5 | 63221   | 131128  | 8.44%   | 0.606% |
| 50 | 13.180 | 1861 | 1868 | 1872 | rVB  | 87946   | 182378  | 11.74%  | 0.843% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 51 | 13.251 | 1872 | 1880 | 1883 | rBV2 | 54609 | 121262 | 7.80% | 0.561% |
| 52 | 13.286 | 1883 | 1886 | 1894 | rVB3 | 69149 | 102610 | 6.60% | 0.474% |
| 53 | 13.380 | 1899 | 1902 | 1905 | rBV  | 45908 | 55886  | 3.60% | 0.258% |
| 54 | 13.410 | 1905 | 1907 | 1911 | rVV  | 41712 | 50525  | 3.25% | 0.234% |
| 55 | 13.474 | 1915 | 1918 | 1925 | rVB  | 86929 | 126422 | 8.13% | 0.584% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 13.539 | 1926 | 1929 | 1931 | rBV  | 24782  | 29680  | 1.91%  | 0.137% |
| 57 | 13.692 | 1951 | 1955 | 1960 | rBV  | 74569  | 99940  | 6.43%  | 0.462% |
| 58 | 13.804 | 1969 | 1974 | 1977 | rBV3 | 80700  | 137355 | 8.84%  | 0.635% |
| 59 | 13.904 | 1987 | 1991 | 1999 | rVB  | 178808 | 299243 | 19.26% | 1.383% |
| 60 | 13.980 | 2001 | 2004 | 2009 | rVB4 | 34681  | 49175  | 3.16%  | 0.227% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 61 | 14.057 | 2009 | 2017 | 2020 | rBV2 | 762124 | 1395858 | 89.82% | 6.453% |
| 62 | 14.445 | 2079 | 2083 | 2086 | rBV  | 67097  | 107570  | 6.92%  | 0.497% |
| 63 | 14.563 | 2094 | 2103 | 2106 | rBV6 | 97638  | 283613  | 18.25% | 1.311% |
| 64 | 14.686 | 2121 | 2124 | 2129 | rVB  | 170458 | 231456  | 14.89% | 1.070% |
| 65 | 14.739 | 2129 | 2133 | 2136 | rBV  | 100723 | 156400  | 10.06% | 0.723% |

|    |        |      |      |      |     |        |        |        |        |
|----|--------|------|------|------|-----|--------|--------|--------|--------|
| 66 | 14.774 | 2137 | 2139 | 2144 | rVB | 105361 | 127279 | 8.19%  | 0.588% |
| 67 | 14.833 | 2145 | 2149 | 2153 | rBV | 115584 | 190832 | 12.28% | 0.882% |
| 68 | 14.927 | 2161 | 2165 | 2168 | rBV | 100962 | 147198 | 9.47%  | 0.681% |
| 69 | 15.015 | 2177 | 2180 | 2185 | rVB | 99794  | 156886 | 10.10% | 0.725% |
| 70 | 15.104 | 2190 | 2195 | 2203 | rVV | 322396 | 759034 | 48.84% | 3.509% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 71 | 15.180 | 2204 | 2208 | 2211 | rVV2 | 96392  | 151949 | 9.78%  | 0.702% |
| 72 | 15.215 | 2211 | 2214 | 2225 | rVB2 | 107313 | 203024 | 13.06% | 0.939% |
| 73 | 15.410 | 2243 | 2247 | 2253 | rVB  | 167681 | 251947 | 16.21% | 1.165% |
| 74 | 15.474 | 2253 | 2258 | 2263 | rVV  | 216517 | 329407 | 21.20% | 1.523% |
| 75 | 15.539 | 2264 | 2269 | 2281 | rVB  | 447091 | 845554 | 54.41% | 3.909% |

|    |        |      |      |      |     |        |        |        |        |
|----|--------|------|------|------|-----|--------|--------|--------|--------|
| 76 | 16.009 | 2345 | 2349 | 2356 | rVB | 114708 | 194963 | 12.55% | 0.901% |
|----|--------|------|------|------|-----|--------|--------|--------|--------|

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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-11989

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-BF100625.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 77 | 16.833 | 2485 | 2489 | 2500 | rVB7 | 47470 | 118568 | 7.63%  | 0.548% |
| 78 | 17.027 | 2517 | 2522 | 2534 | rVB2 | 82899 | 189773 | 12.21% | 0.877% |
| 79 | 17.480 | 2593 | 2599 | 2612 | rVB  | 78397 | 231486 | 14.90% | 1.070% |

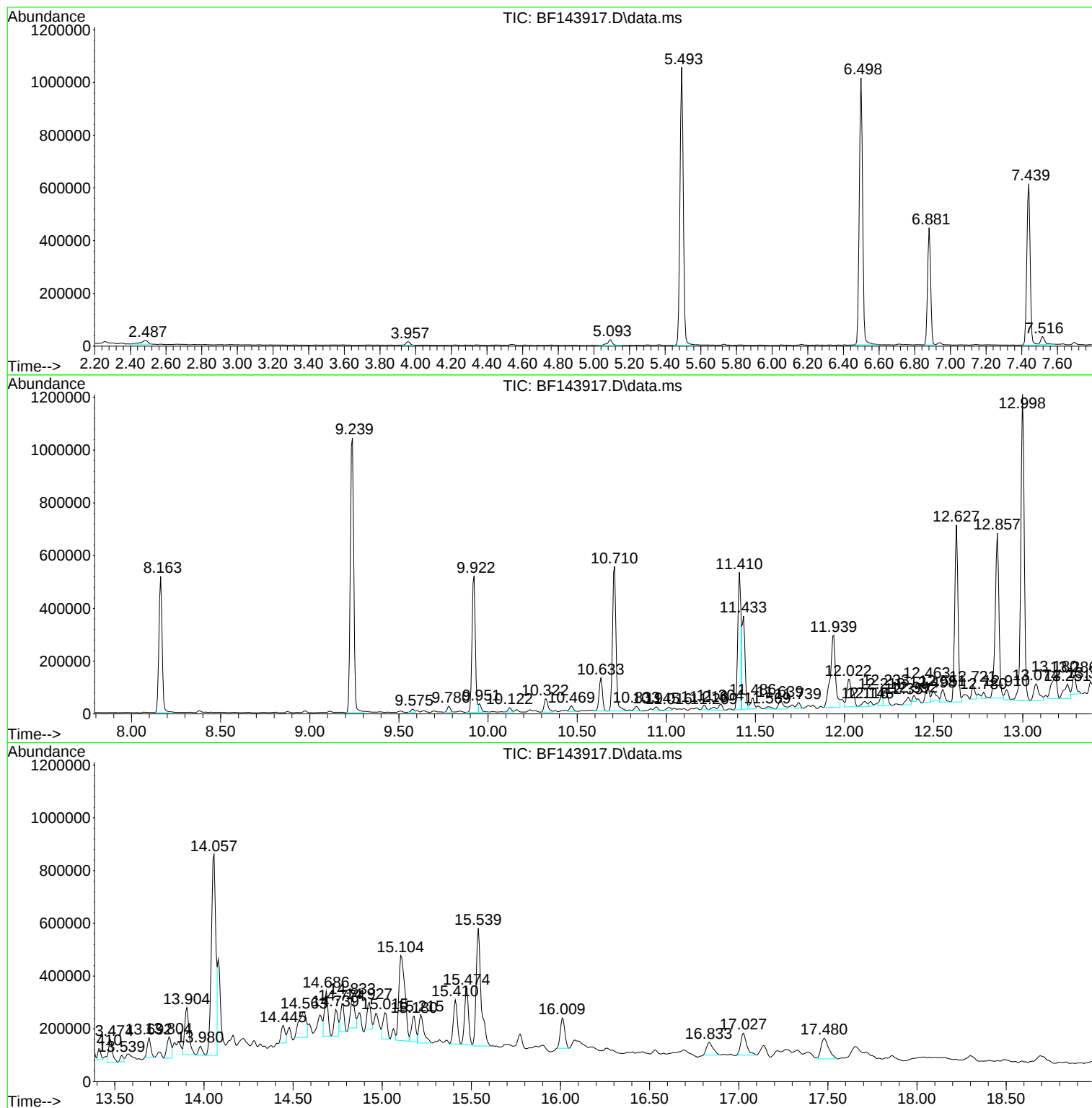
Sum of corrected areas: 21630179

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.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\BF100925\  
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Sample : Q3315-03  
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Instrument :  
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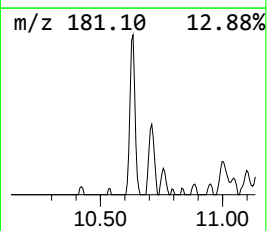
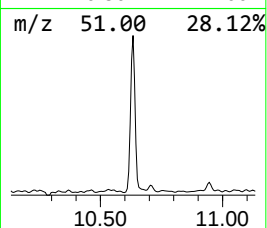
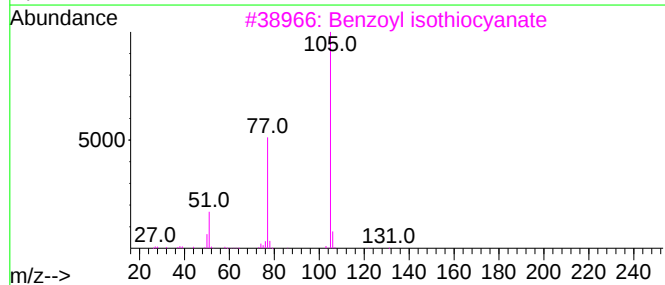
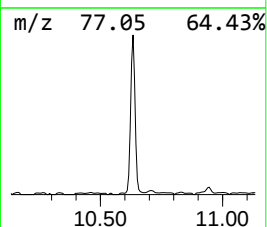
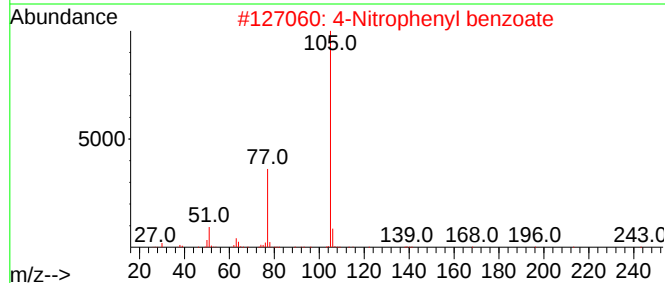
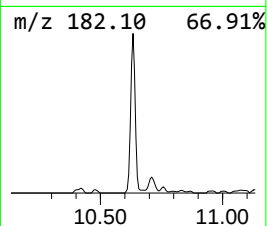
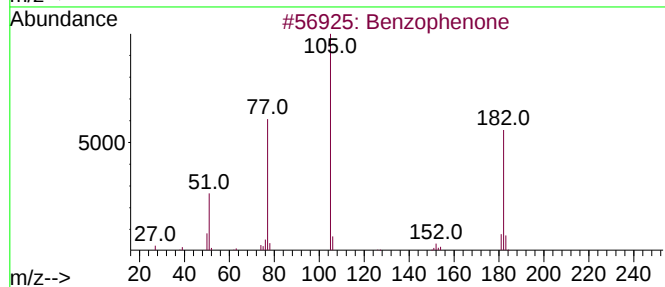
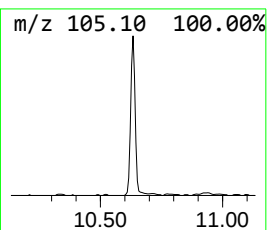
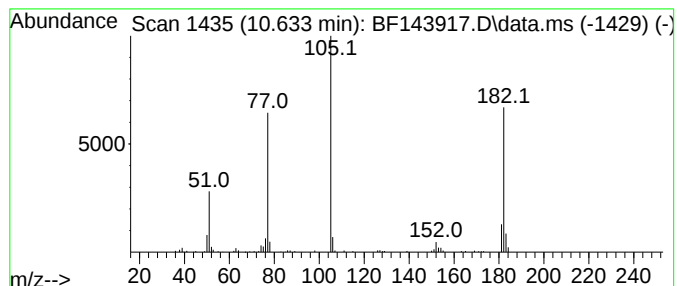
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Benzophenone Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.633 | 4.72 ng | 160070 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O      | 000119-61-9  | 96   |
| 2    |    |   | 4-Nitrophenyl benzoate              | 243 | C13H9NO4     | 000959-22-8  | 47   |
| 3    |    |   | Benzoyl isothiocyanate              | 163 | C8H5NOS      | 000532-55-8  | 47   |
| 4    |    |   | Ethanone, 2-bromo-1-phenyl-         | 198 | C8H7BrO      | 000070-11-1  | 47   |
| 5    |    |   | N-Methylbenzamide, N-chlorodiflu... | 247 | C10H8ClF2NO2 | 1000446-98-2 | 47   |



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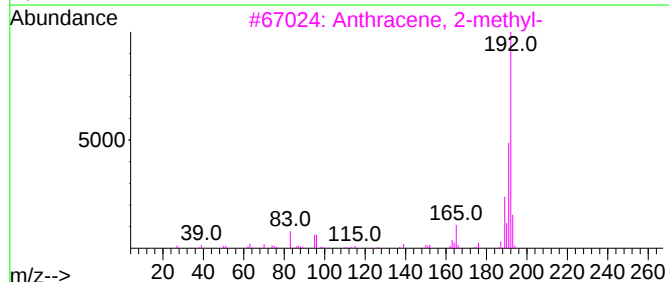
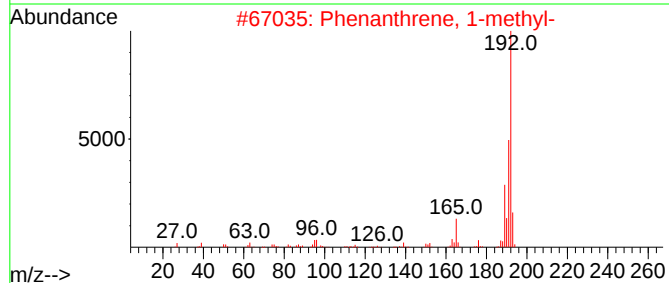
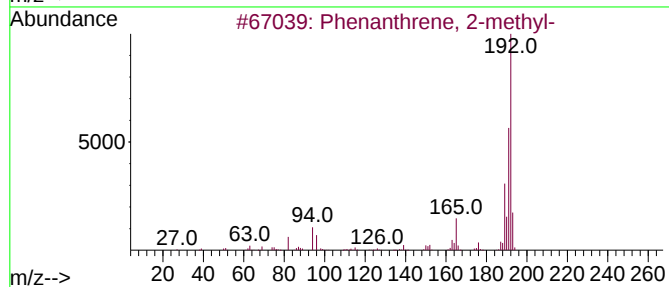
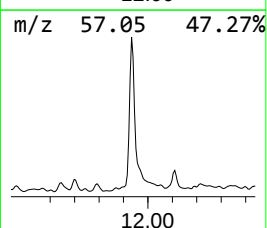
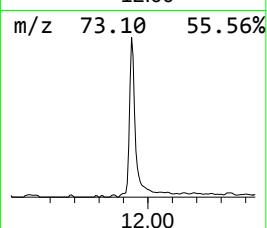
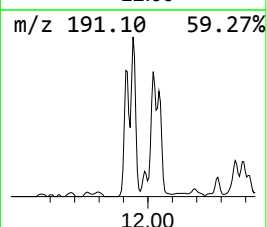
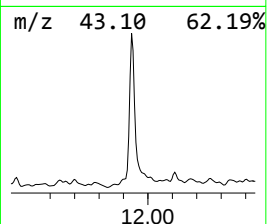
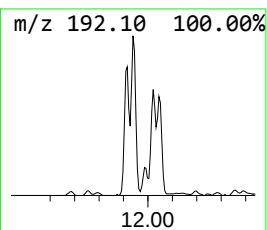
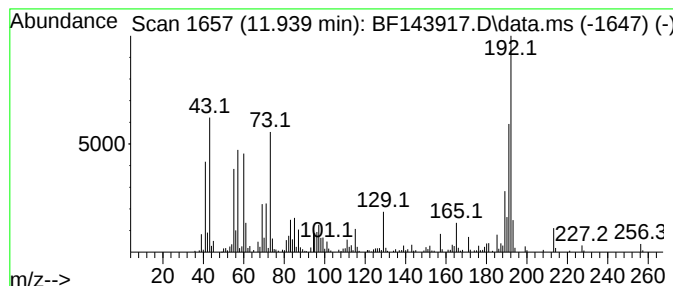
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.939 | 16.21 ng | 557992 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 95   |
| 2    |    |   | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 95   |
| 3    |    |   | Anthracene, 2-methyl-               | 192 | C15H12  | 000613-12-7 | 95   |
| 4    |    |   | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 95   |
| 5    |    |   | Anthracene, 1-methyl-               | 192 | C15H12  | 000610-48-0 | 95   |



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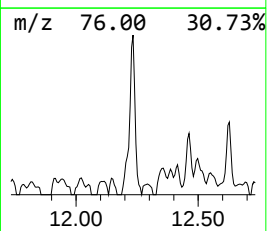
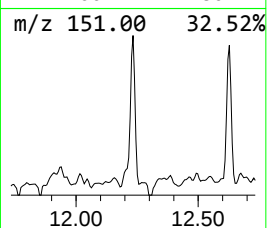
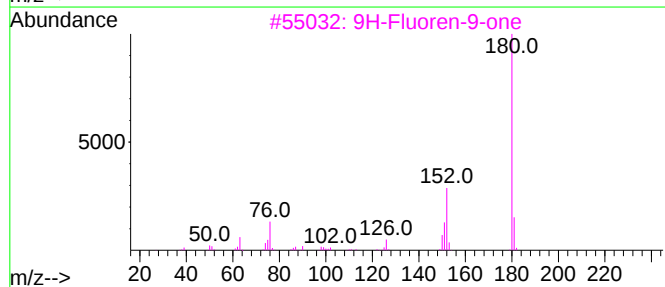
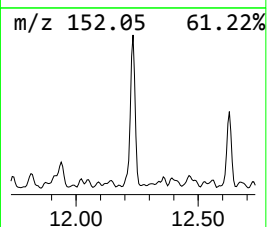
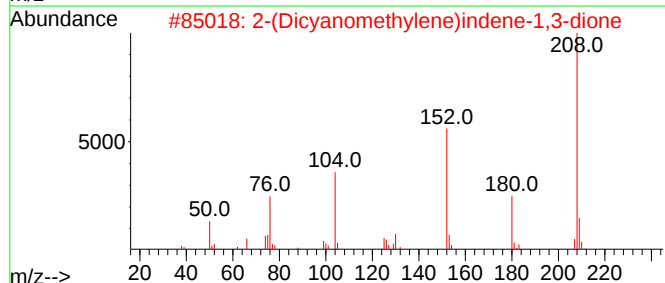
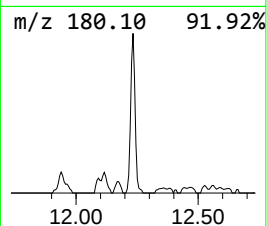
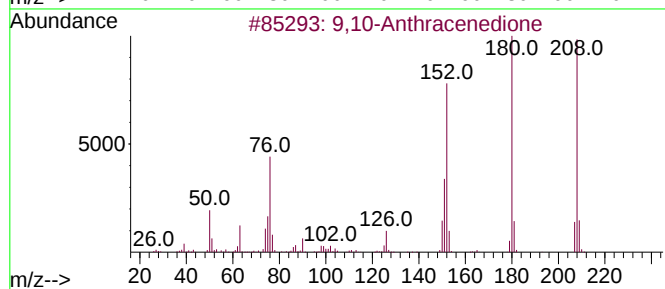
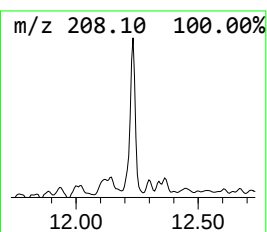
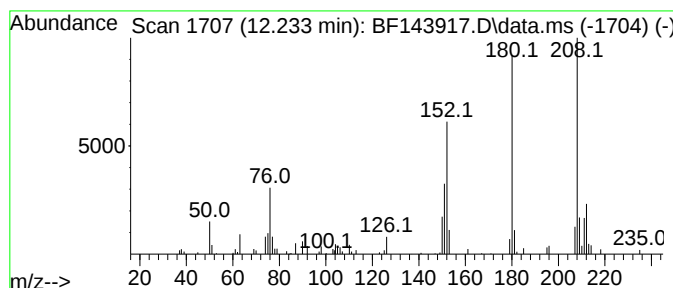
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 9,10-Anthracenedione Concentration Rank 16

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.233 | 2.64 ng | 91006 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 9,10-Anthracenedione                | 208 | C14H8O2   | 000084-65-1 | 97   |
| 2    |    |   | 2-(Dicyanomethylene)indene-1,3-d... | 208 | C12H4N2O2 | 016954-74-8 | 60   |
| 3    |    |   | 9H-Fluoren-9-one                    | 180 | C13H8O    | 000486-25-9 | 55   |
| 4    |    |   | 1,4-Anthracenedione                 | 208 | C14H8O2   | 000635-12-1 | 49   |
| 5    |    |   | Benzo[h]cinnoline                   | 180 | C12H8N2   | 000230-31-9 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100925\  
Data File : BF143917.D  
Acq On : 09 Oct 2025 19:13  
Operator : RC/JU  
Sample : Q3315-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-11989

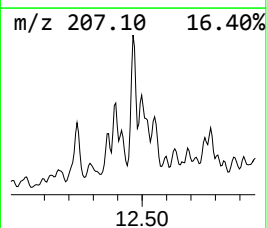
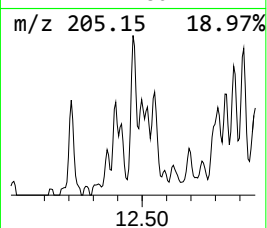
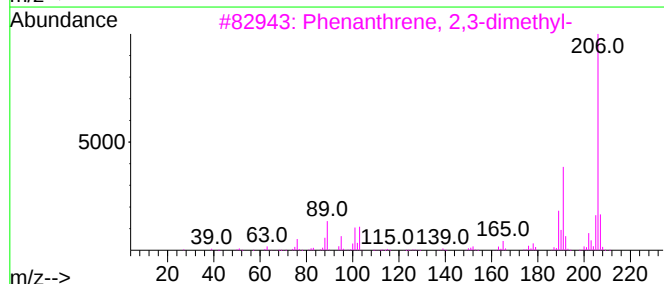
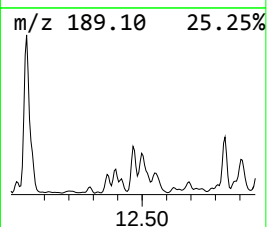
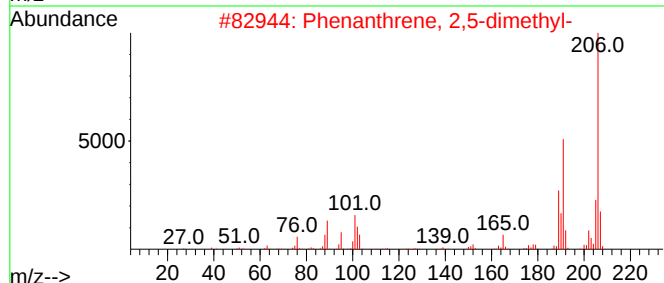
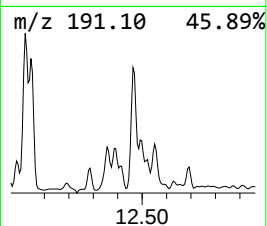
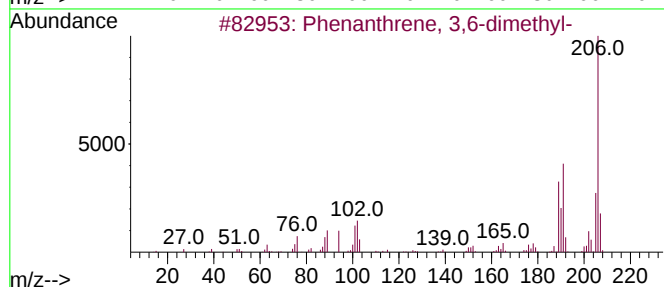
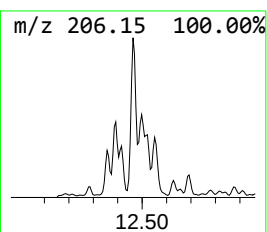
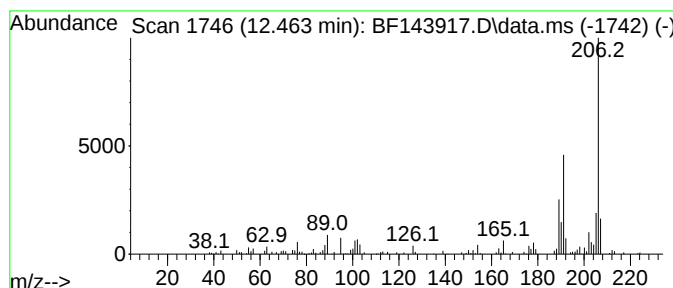
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

| R.T.      | EstConc                     | Area   | Relative to ISTD |         | R.T.         |      |
|-----------|-----------------------------|--------|------------------|---------|--------------|------|
| 12.463    | 3.05 ng                     | 104800 | Phenanthrene-d10 |         | 11.410       |      |
| Hit# of 5 | Tentative ID                |        | MW               | MolForm | CAS#         | Qual |
| 1         | Phenanthrene, 3,6-dimethyl- |        | 206              | C16H14  | 001576-67-6  | 93   |
| 2         | Phenanthrene, 2,5-dimethyl- |        | 206              | C16H14  | 003674-66-6  | 93   |
| 3         | Phenanthrene, 2,3-dimethyl- |        | 206              | C16H14  | 003674-65-5  | 93   |
| 4         | Phenanthrene, 1,7-dimethyl- |        | 206              | C16H14  | 000483-87-4  | 92   |
| 5         | 3,4-Dimethylphenanthrene    |        | 206              | C16H14  | 1000452-24-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100925\  
Data File : BF143917.D  
Acq On : 09 Oct 2025 19:13  
Operator : RC/JU  
Sample : Q3315-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-11989

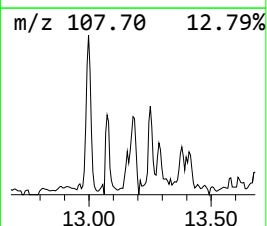
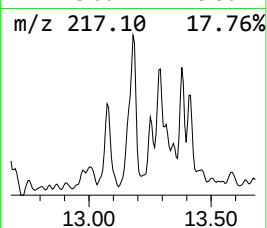
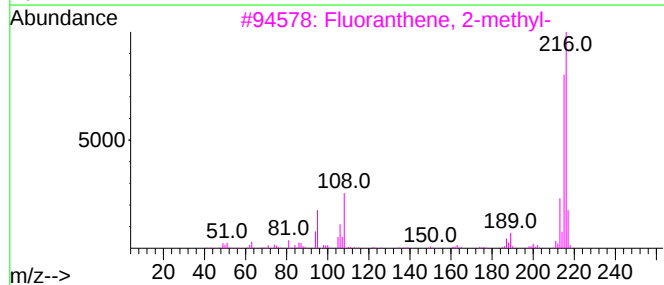
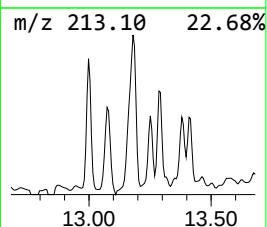
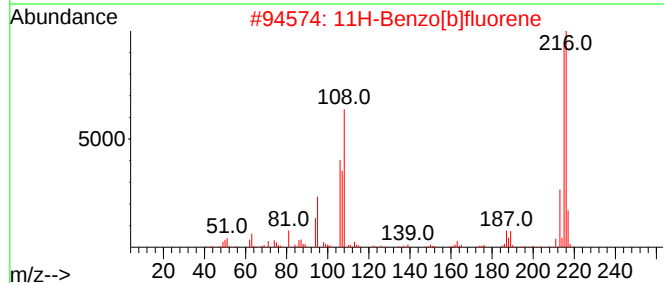
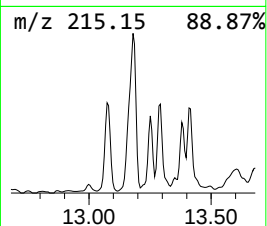
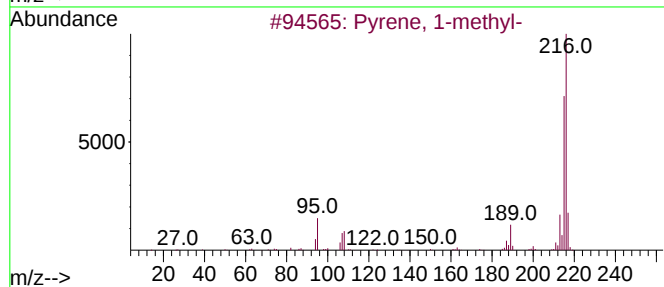
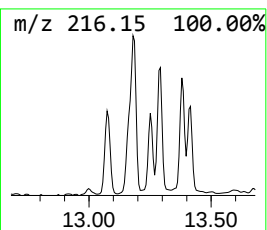
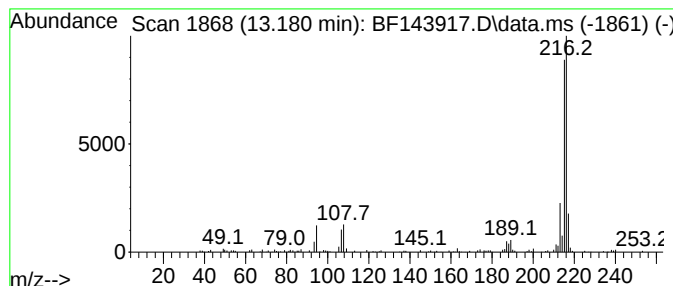
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Pyrene, 1-methyl- Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.180 | 2.61 ng | 182378 | Chrysene-d12     | 14.057 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 95   |
| 2    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 93   |
| 3    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 91   |
| 4    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 90   |
| 5    |    |   | 7H-Benzo[c]fluorene     | 216 | C17H12  | 000205-12-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100925\  
Data File : BF143917.D  
Acq On : 09 Oct 2025 19:13  
Operator : RC/JU  
Sample : Q3315-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-11989

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

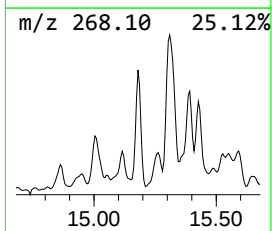
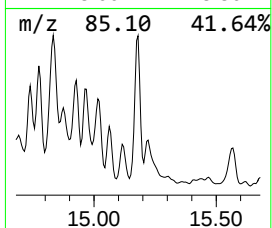
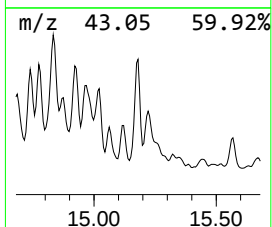
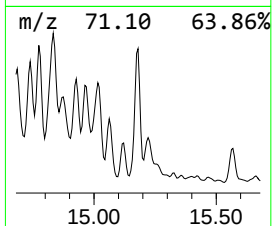
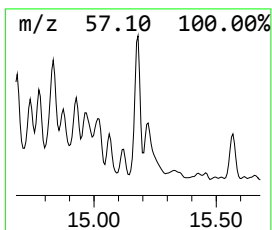
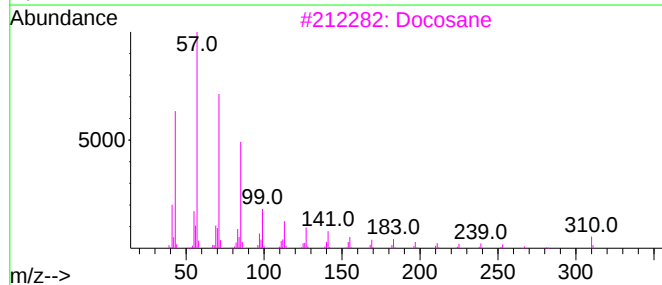
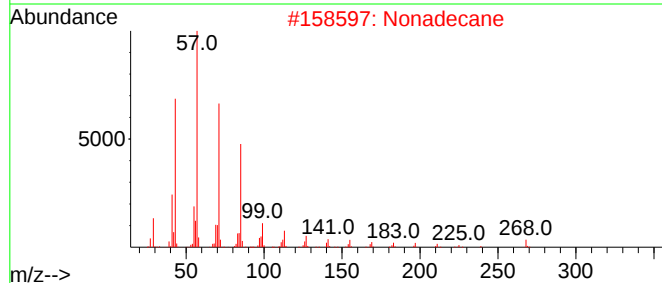
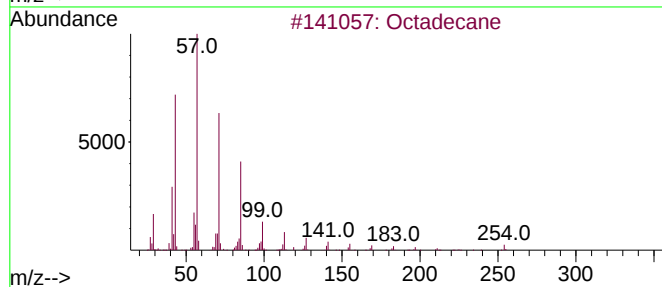
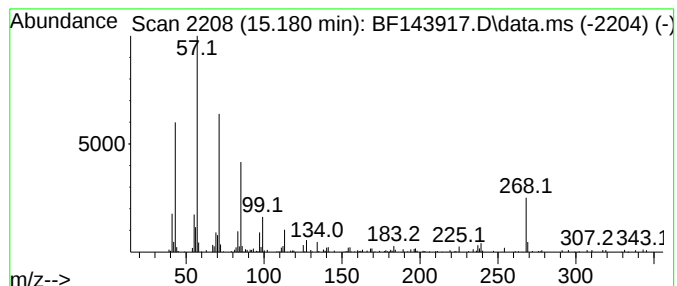
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Octadecane Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.180 | 3.59 ng | 151949 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane   | 254 | C18H38  | 000593-45-3 | 89   |
| 2    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 87   |
| 3    |    |   | Docosane     | 310 | C22H46  | 000629-97-0 | 76   |
| 4    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 74   |
| 5    |    |   | Heptacosane  | 380 | C27H56  | 000593-49-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100925\  
Data File : BF143917.D  
Acq On : 09 Oct 2025 19:13  
Operator : RC/JU  
Sample : Q3315-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-11989

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

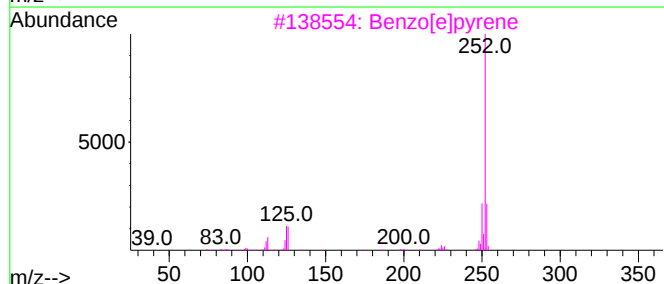
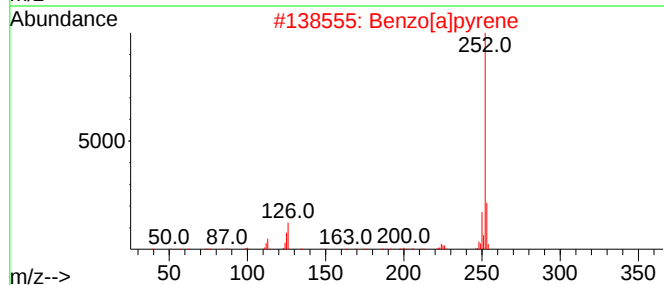
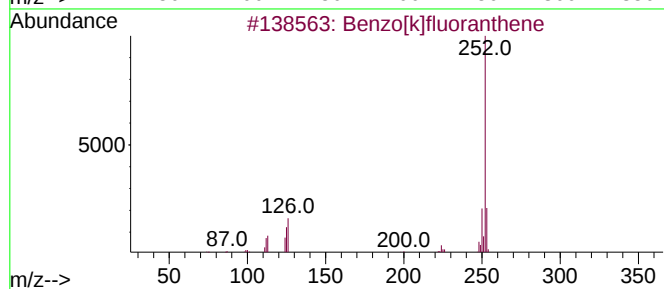
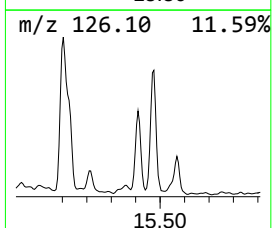
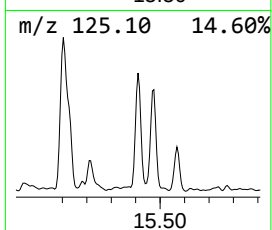
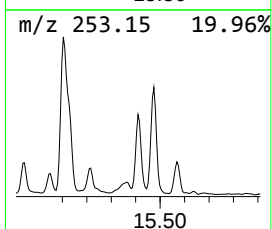
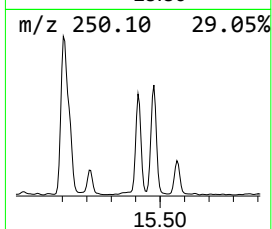
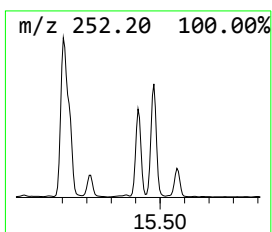
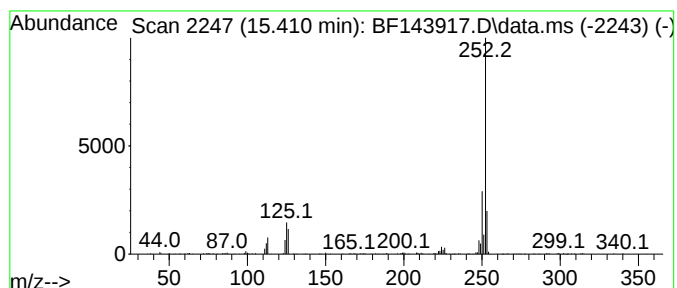
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Benzo[e]pyrene Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.410 | 5.96 ng | 251947 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 95   |
| 2    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 93   |
| 3    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 93   |
| 4    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 93   |
| 5    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100925\  
Data File : BF143917.D  
Acq On : 09 Oct 2025 19:13  
Operator : RC/JU  
Sample : Q3315-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-11989

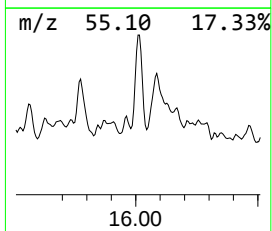
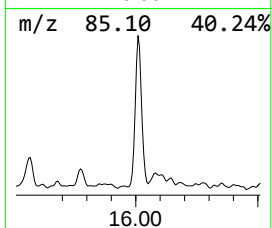
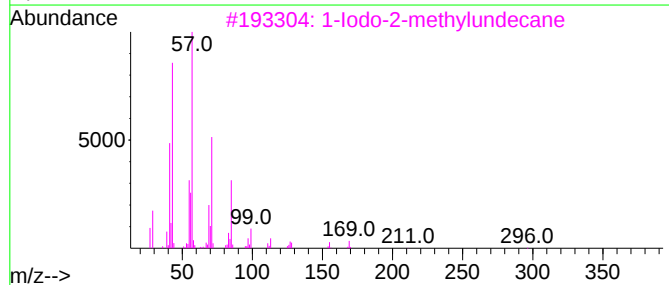
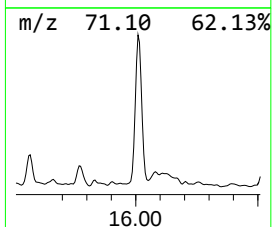
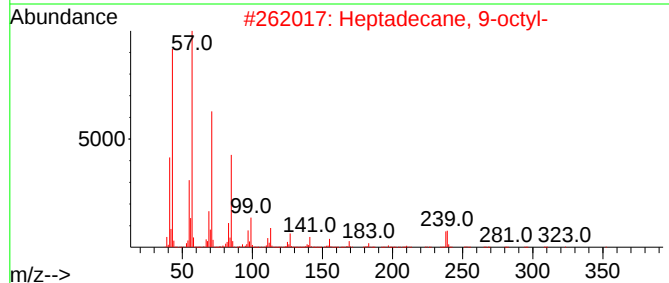
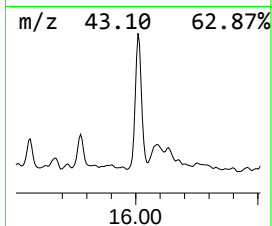
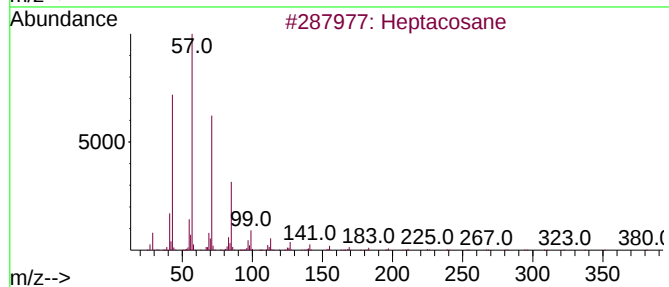
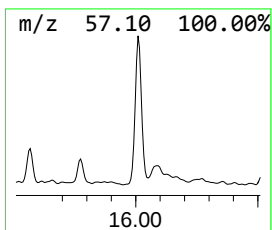
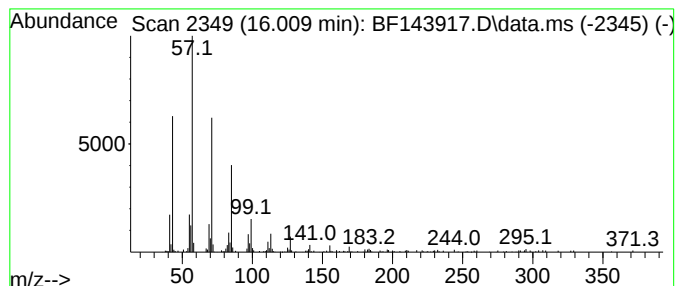
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Heptacosane Concentration Rank 6

| R.T.      | EstConc                 | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------|--------|------------------|-------------|------|
| 16.009    | 4.61 ng                 | 194963 | Perylene-d12     | 15.539      |      |
| Hit# of 5 | Tentative ID            | MW     | MolForm          | CAS#        | Qual |
| 1         | Heptacosane             | 380    | C27H56           | 000593-49-7 | 90   |
| 2         | Heptadecane, 9-octyl-   | 352    | C25H52           | 007225-64-1 | 90   |
| 3         | 1-Iodo-2-methylundecane | 296    | C12H25I          | 073105-67-6 | 90   |
| 4         | Octadecane              | 254    | C18H38           | 000593-45-3 | 90   |
| 5         | Octacosane              | 394    | C28H58           | 000630-02-4 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100925\  
Data File : BF143917.D  
Acq On : 09 Oct 2025 19:13  
Operator : RC/JU  
Sample : Q3315-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-11989

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
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 |
| Benzophenone       | 10.633 | 4.7     | ng    | 160070   | 3                     | 9.922  | 678465  | 20.0 |
| Phenanthrene, 2... | 11.939 | 16.2    | ng    | 557992   | 4                     | 11.410 | 688251  | 20.0 |
| 9,10-Anthracene... | 12.233 | 2.6     | ng    | 91006    | 4                     | 11.410 | 688251  | 20.0 |
| Phenanthrene, 3... | 12.463 | 3.0     | ng    | 104800   | 4                     | 11.410 | 688251  | 20.0 |
| Pyrene, 1-methyl-  | 13.180 | 2.6     | ng    | 182378   | 5                     | 14.057 | 1395860 | 20.0 |
| Octadecane         | 15.180 | 3.6     | ng    | 151949   | 6                     | 15.539 | 845554  | 20.0 |
| Benzo[e]pyrene     | 15.410 | 6.0     | ng    | 251947   | 6                     | 15.539 | 845554  | 20.0 |
| Heptacosane        | 16.009 | 4.6     | ng    | 194963   | 6                     | 15.539 | 845554  | 20.0 |