

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
 Data File : BF128298.D  
 Acq On : 17 May 2022 18:42  
 Operator : CG\JU  
 Sample : N2879-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP1-0516

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-BF050922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128298.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         | 3.951       | 278           | 283         | 288          | rVB      | 43919          | 59363         | 2.63%           | 0.289%        |
| 2         | 5.463       | 536           | 540         | 542          | rBV      | 53163          | 59262         | 2.63%           | 0.289%        |
| 3         | 5.498       | 542           | 546         | 561          | rVB      | 2103512        | 1961584       | 87.02%          | 9.561%        |
| 4         | 5.722       | 580           | 584         | 590          | rBV      | 36765          | 34573         | 1.53%           | 0.169%        |
| 5         | 6.393       | 695           | 698         | 701          | rBV      | 33828          | 30059         | 1.33%           | 0.147%        |
| 6         | 6.510       | 713           | 718         | 721          | rBV      | 2128707        | 1993409       | 88.43%          | 9.716%        |
| 7         | 6.692       | 746           | 749         | 753          | rVB      | 45660          | 39430         | 1.75%           | 0.192%        |
| 8         | 6.875       | 776           | 780         | 786          | rBV      | 607915         | 482771        | 21.42%          | 2.353%        |
| 9         | 7.440       | 872           | 876         | 879          | rBV      | 1452302        | 1367162       | 60.65%          | 6.663%        |
| 10        | 8.157       | 994           | 998         | 1001         | rBV      | 725903         | 612510        | 27.17%          | 2.985%        |
| 11        | 9.234       | 1176          | 1181        | 1184         | rBV      | 2712335        | 2254215       | 100.00%         | 10.987%       |
| 12        | 9.916       | 1293          | 1297        | 1300         | rVV      | 793436         | 626598        | 27.80%          | 3.054%        |
| 13        | 9.945       | 1300          | 1302        | 1305         | rVB      | 53135          | 43345         | 1.92%           | 0.211%        |
| 14        | 10.122      | 1328          | 1332        | 1335         | rBV2     | 26194          | 26424         | 1.17%           | 0.129%        |
| 15        | 10.463      | 1387          | 1390        | 1395         | rVB      | 42914          | 40956         | 1.82%           | 0.200%        |
| 16        | 10.710      | 1428          | 1432        | 1435         | rBV      | 1482127        | 1269123       | 56.30%          | 6.186%        |
| 17        | 10.810      | 1446          | 1449        | 1458         | rVB5     | 19336          | 40530         | 1.80%           | 0.198%        |
| 18        | 11.410      | 1547          | 1551        | 1553         | rBV      | 643378         | 576422        | 25.57%          | 2.809%        |
| 19        | 11.433      | 1553          | 1555        | 1558         | rVV      | 400563         | 307834        | 13.66%          | 1.500%        |
| 20        | 11.480      | 1560          | 1563        | 1567         | rVV      | 86788          | 80354         | 3.56%           | 0.392%        |
| 21        | 11.645      | 1586          | 1591        | 1593         | rBV2     | 39254          | 44737         | 1.98%           | 0.218%        |
| 22        | 11.786      | 1612          | 1615        | 1619         | rBV      | 45559          | 36584         | 1.62%           | 0.178%        |
| 23        | 11.910      | 1632          | 1636        | 1639         | rBV      | 76332          | 90973         | 4.04%           | 0.443%        |
| 24        | 11.939      | 1639          | 1641        | 1644         | rVB      | 94899          | 76054         | 3.37%           | 0.371%        |
| 25        | 12.022      | 1652          | 1655        | 1657         | rBV2     | 106028         | 109873        | 4.87%           | 0.536%        |
| 26        | 12.045      | 1657          | 1659        | 1663         | rVB      | 62137          | 50157         | 2.23%           | 0.244%        |
| 27        | 12.204      | 1683          | 1686        | 1689         | rBV      | 48333          | 39943         | 1.77%           | 0.195%        |
| 28        | 12.239      | 1689          | 1692        | 1697         | rVB      | 29709          | 31548         | 1.40%           | 0.154%        |
| 29        | 12.351      | 1706          | 1711        | 1715         | rBV5     | 25625          | 43192         | 1.92%           | 0.211%        |
| 30        | 12.457      | 1726          | 1729        | 1732         | rBV      | 57669          | 59263         | 2.63%           | 0.289%        |
| 31        | 12.498      | 1732          | 1736        | 1738         | rVV3     | 30974          | 49938         | 2.22%           | 0.243%        |
| 32        | 12.551      | 1742          | 1745        | 1754         | rVV3     | 37172          | 51931         | 2.30%           | 0.253%        |
| 33        | 12.627      | 1754          | 1758        | 1761         | rVB      | 513990         | 456245        | 20.24%          | 2.224%        |
| 34        | 12.722      | 1771          | 1774        | 1778         | rBV      | 31837          | 35074         | 1.56%           | 0.171%        |
| 35        | 12.857      | 1790          | 1797        | 1802         | rBV      | 557368         | 589184        | 26.14%          | 2.872%        |
| 36        | 12.904      | 1802          | 1805        | 1808         | rVB2     | 28862          | 30245         | 1.34%           | 0.147%        |

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 Sample : N2879-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP1-0516

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-BF050922.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 12.992 | 1816 | 1820 | 1823 | rBV  | 1821067 | 1636174 | 72.58% | 7.975% |
| 38 | 13.074 | 1829 | 1834 | 1838 | rBV3 | 45749   | 73560   | 3.26%  | 0.359% |
| 39 | 13.157 | 1845 | 1848 | 1850 | rBV3 | 46537   | 61817   | 2.74%  | 0.301% |
| 40 | 13.180 | 1850 | 1852 | 1855 | rVB  | 86353   | 81782   | 3.63%  | 0.399% |
| 41 | 13.251 | 1861 | 1864 | 1866 | rBV  | 73879   | 62836   | 2.79%  | 0.306% |
| 42 | 13.286 | 1866 | 1870 | 1873 | rBV2 | 68782   | 71022   | 3.15%  | 0.346% |
| 43 | 13.380 | 1883 | 1886 | 1889 | rVV  | 47583   | 38787   | 1.72%  | 0.189% |
| 44 | 13.410 | 1889 | 1891 | 1901 | rVB  | 55693   | 73599   | 3.26%  | 0.359% |
| 45 | 13.692 | 1937 | 1939 | 1943 | rVB  | 41350   | 39734   | 1.76%  | 0.194% |
| 46 | 13.804 | 1955 | 1958 | 1960 | rBV  | 66542   | 56964   | 2.53%  | 0.278% |
| 47 | 13.833 | 1960 | 1963 | 1965 | rVV  | 48730   | 41230   | 1.83%  | 0.201% |
| 48 | 13.857 | 1965 | 1967 | 1969 | rVV  | 40280   | 41645   | 1.85%  | 0.203% |
| 49 | 13.898 | 1969 | 1974 | 1982 | rVB3 | 121814  | 273045  | 12.11% | 1.331% |
| 50 | 14.057 | 1993 | 2001 | 2003 | rBV2 | 691390  | 964843  | 42.80% | 4.703% |
| 51 | 14.080 | 2003 | 2005 | 2012 | rVB  | 365481  | 347501  | 15.42% | 1.694% |
| 52 | 14.163 | 2017 | 2019 | 2021 | rVB  | 73604   | 51294   | 2.28%  | 0.250% |
| 53 | 14.204 | 2024 | 2026 | 2029 | rBV2 | 50269   | 47744   | 2.12%  | 0.233% |
| 54 | 14.286 | 2038 | 2040 | 2043 | rVB  | 40291   | 29634   | 1.31%  | 0.144% |
| 55 | 14.404 | 2058 | 2060 | 2062 | rBV2 | 40781   | 35193   | 1.56%  | 0.172% |
| 56 | 14.445 | 2064 | 2067 | 2069 | rVV  | 105891  | 97675   | 4.33%  | 0.476% |
| 57 | 14.474 | 2070 | 2072 | 2075 | rVV  | 55048   | 42527   | 1.89%  | 0.207% |
| 58 | 14.568 | 2085 | 2088 | 2090 | rBV  | 57139   | 51253   | 2.27%  | 0.250% |
| 59 | 14.592 | 2090 | 2092 | 2096 | rVB  | 60555   | 48494   | 2.15%  | 0.236% |
| 60 | 15.110 | 2176 | 2180 | 2184 | rBV  | 346201  | 567591  | 25.18% | 2.766% |
| 61 | 15.221 | 2196 | 2199 | 2202 | rBV  | 88370   | 94425   | 4.19%  | 0.460% |
| 62 | 15.421 | 2229 | 2233 | 2239 | rVB  | 253257  | 319895  | 14.19% | 1.559% |
| 63 | 15.486 | 2240 | 2244 | 2249 | rVV  | 388373  | 461507  | 20.47% | 2.249% |
| 64 | 15.551 | 2250 | 2255 | 2258 | rVV  | 374286  | 485311  | 21.53% | 2.365% |
| 65 | 15.580 | 2258 | 2260 | 2267 | rVB2 | 95830   | 137048  | 6.08%  | 0.668% |
| 66 | 17.062 | 2507 | 2512 | 2520 | rVB2 | 134824  | 263075  | 11.67% | 1.282% |
| 67 | 17.527 | 2586 | 2591 | 2599 | rVB  | 104745  | 219298  | 9.73%  | 1.069% |

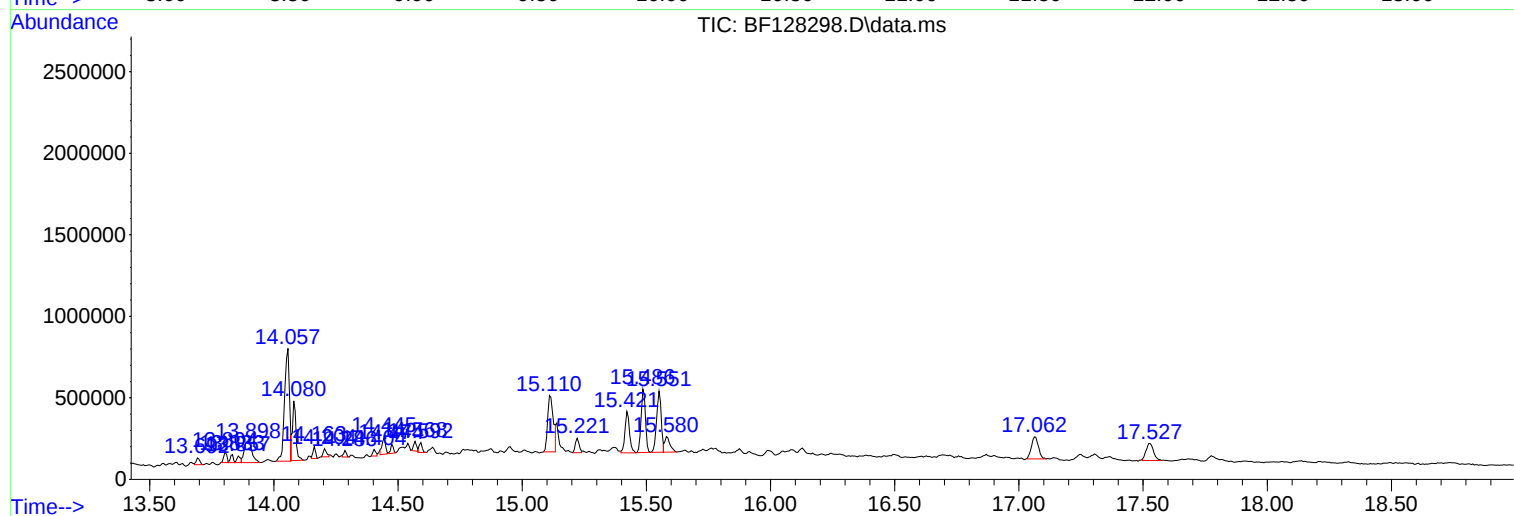
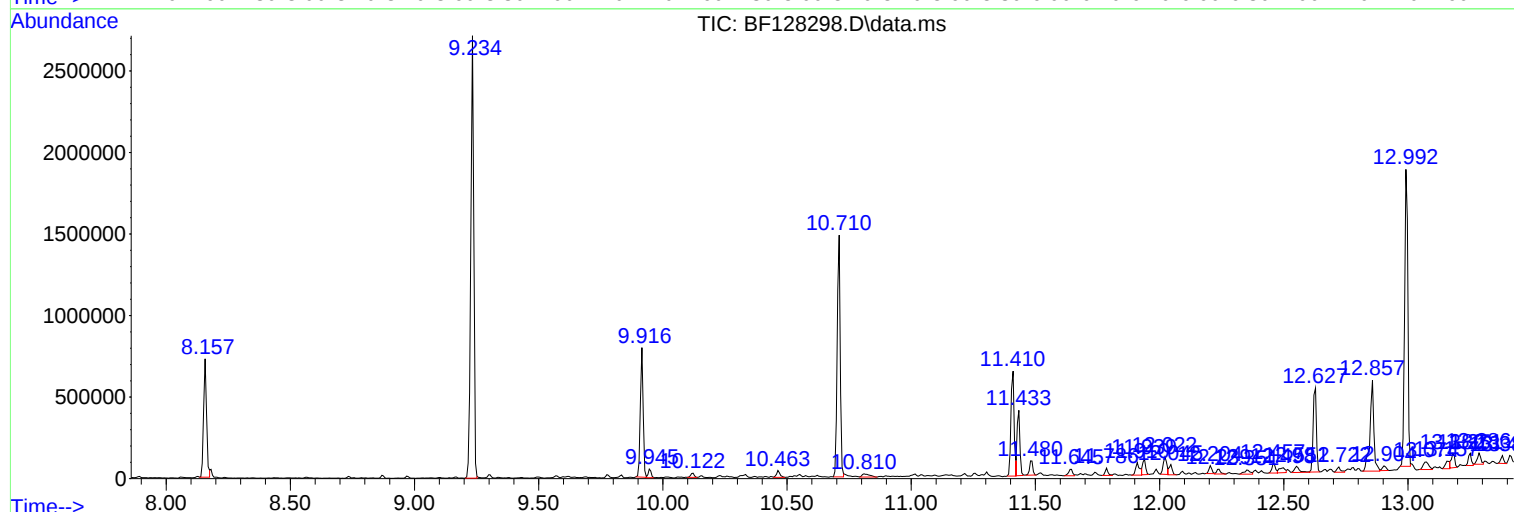
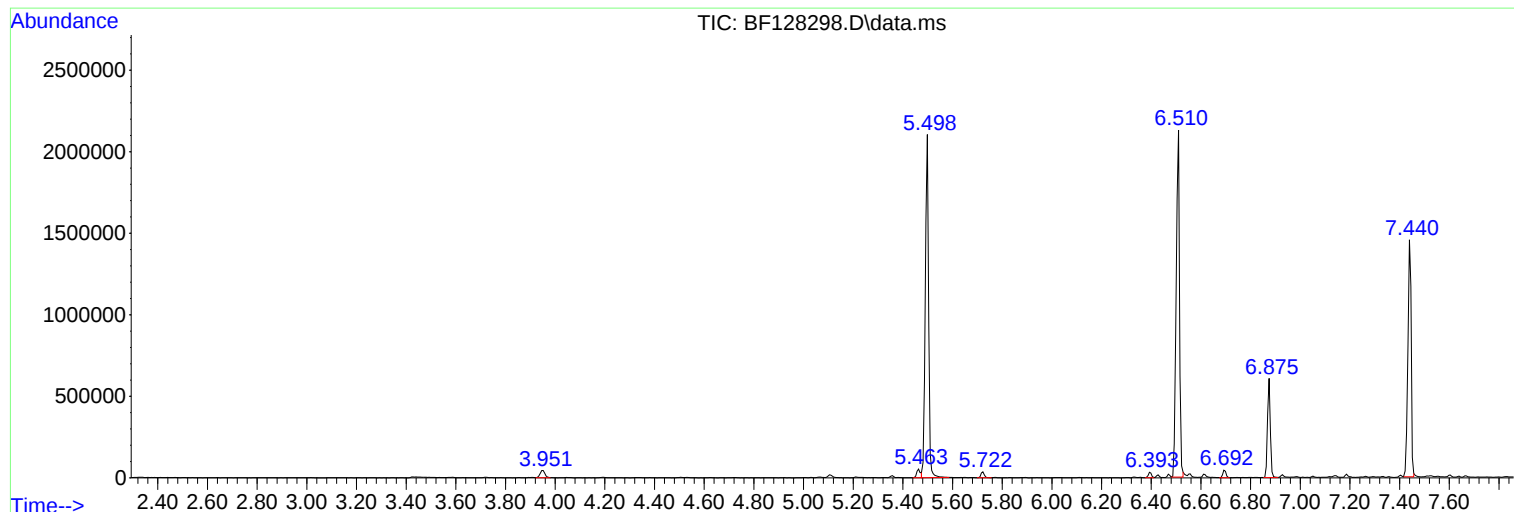
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP1-0516

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.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\BF051722\  
Data File : BF128298.D  
Acq On : 17 May 2022 18:42  
Operator : CG\JU  
Sample : N2879-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP1-0516

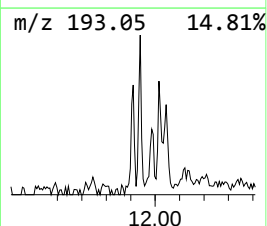
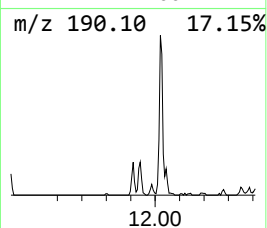
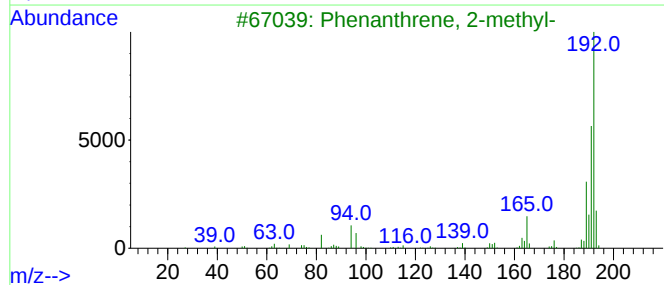
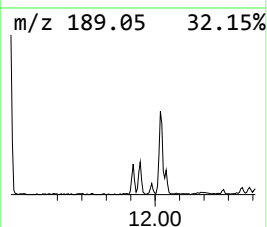
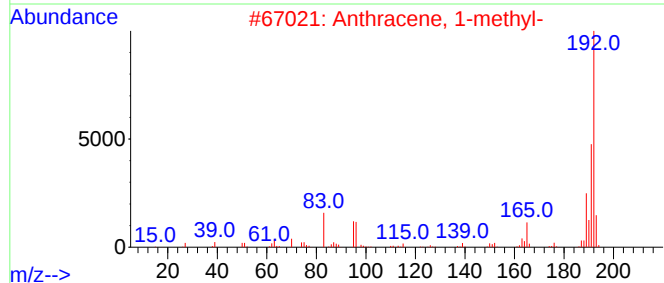
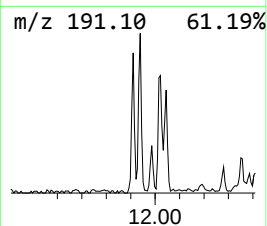
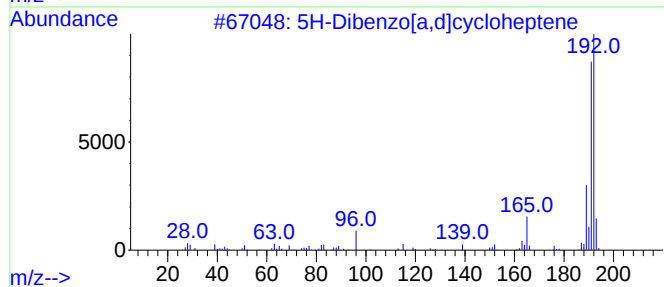
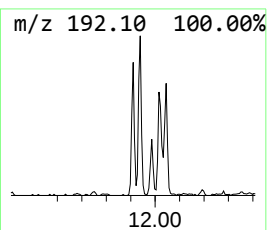
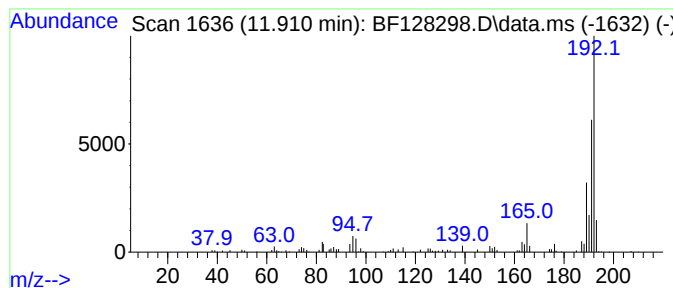
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 5H-Dibenzo[a,d]cycloheptene Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.910 | 3.16 ng | 90973 | Phenanthrene-d10 | 11.410 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12  | 000256-81-5 | 94   |
| 2    |      | Anthracene, 1-methyl-       | 192 | C15H12  | 000610-48-0 | 94   |
| 3    |      | Phenanthrene, 2-methyl-     | 192 | C15H12  | 002531-84-2 | 93   |
| 4    |      | Phenanthrene, 1-methyl-     | 192 | C15H12  | 000832-69-9 | 93   |
| 5    |      | Anthracene, 2-methyl-       | 192 | C15H12  | 000613-12-7 | 93   |



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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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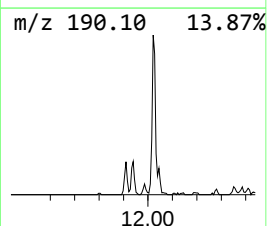
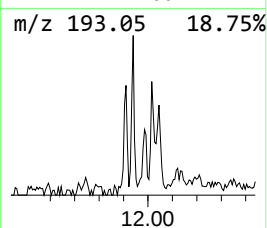
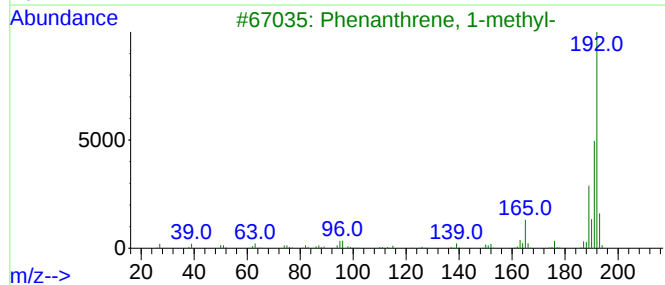
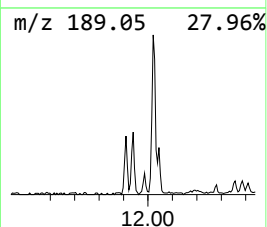
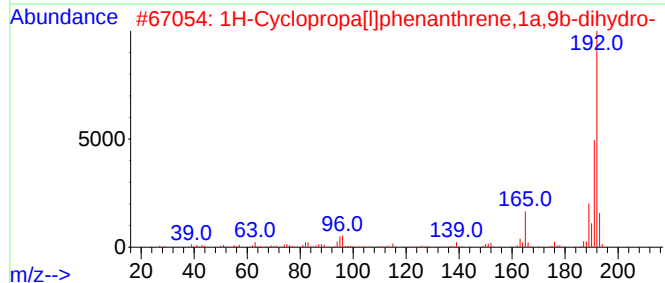
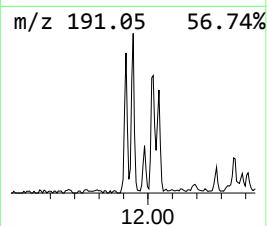
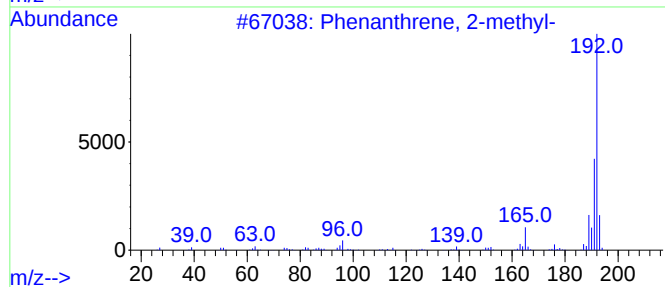
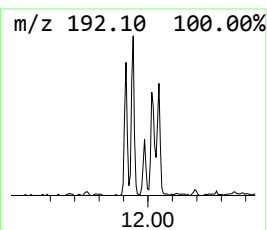
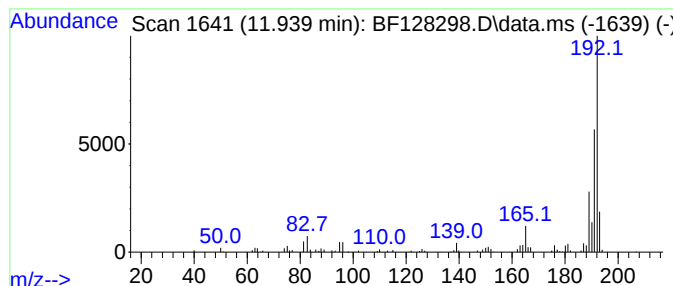
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.939 | 2.64 ng | 76054 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 96   |
| 2    |    |   | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 95   |
| 3    |    |   | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 93   |
| 4    |    |   | 1H-Indene, 1-phenyl-                | 192 | C15H12  | 001961-96-2 | 93   |
| 5    |    |   | Anthracene, 9-methyl-               | 192 | C15H12  | 000779-02-2 | 93   |



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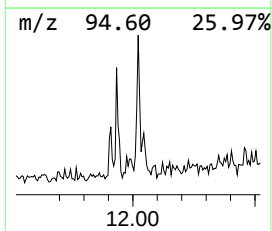
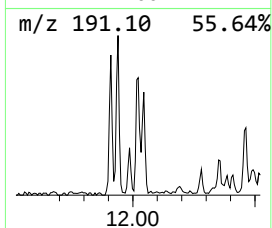
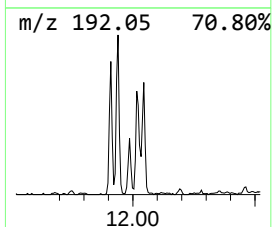
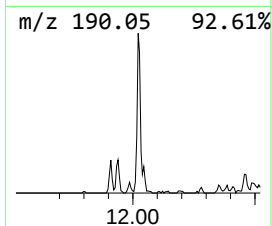
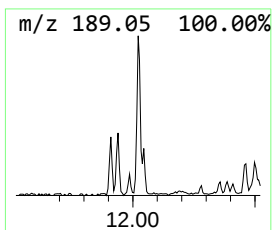
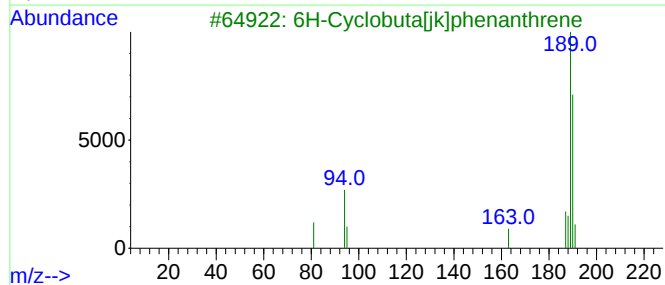
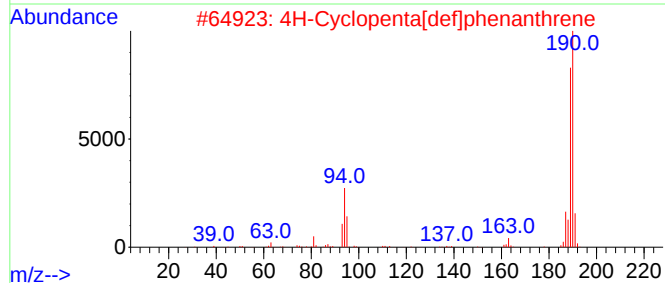
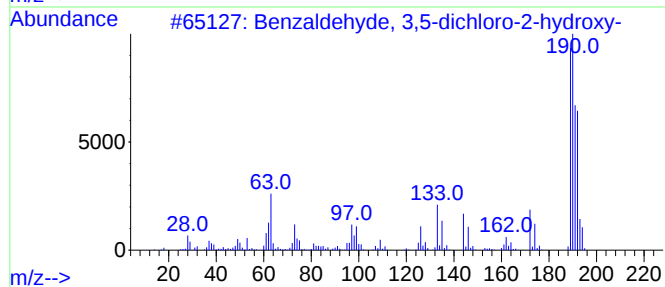
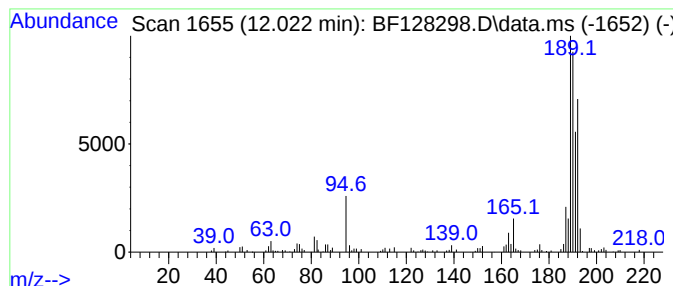
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.022 | 3.81 ng | 109873 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 72   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 62   |
| 3    |    |   | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10    | 083469-43-6 | 58   |
| 4    |    |   | 4-Bromothiophene-2-aldehyde         | 190 | C5H3BrOS  | 018791-75-8 | 52   |
| 5    |    |   | Benzene, 1,1'-(2-cyclopropen-1-y... | 192 | C15H12    | 022825-21-4 | 25   |



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ALS Vial : 17 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
TP1-0516

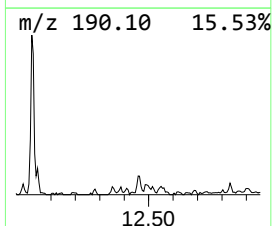
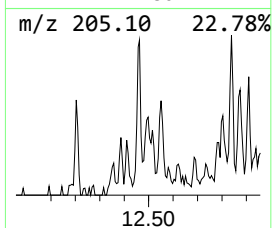
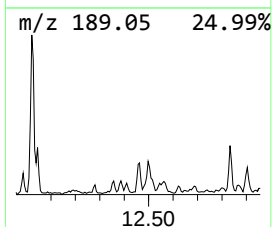
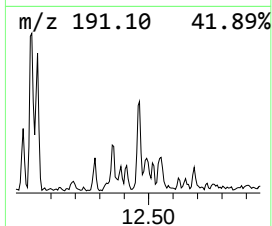
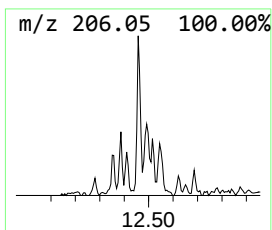
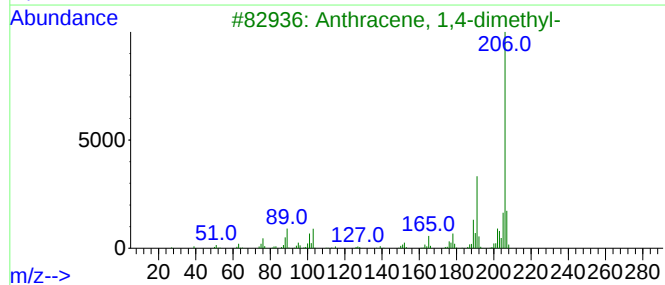
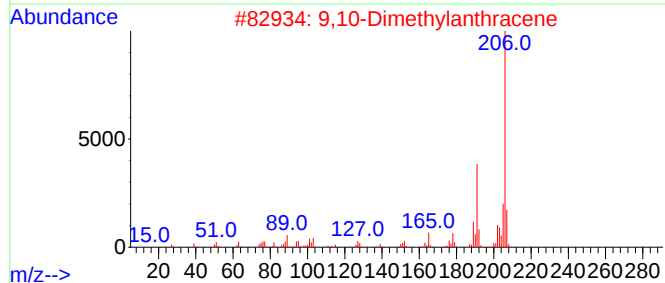
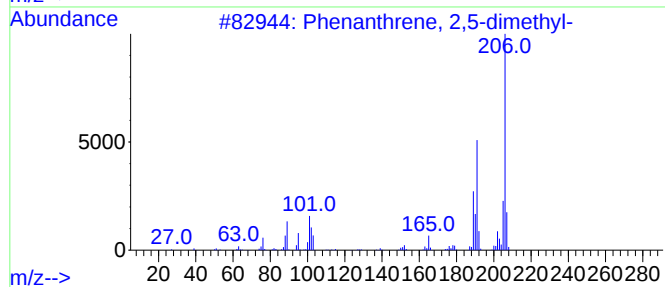
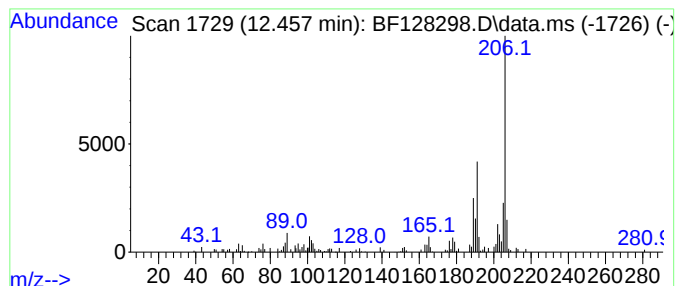
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.457 | 2.06 ng | 59263 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6 | 96   |
| 2    |    |   | 9,10-Dimethylantracene      | 206 | C16H14  | 000781-43-1 | 95   |
| 3    |    |   | Anthracene, 1,4-dimethyl-   | 206 | C16H14  | 000781-92-0 | 93   |
| 4    |    |   | Phenanthrene, 3,6-dimethyl- | 206 | C16H14  | 001576-67-6 | 93   |
| 5    |    |   | Phenanthrene, 1,7-dimethyl- | 206 | C16H14  | 000483-87-4 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
Data File : BF128298.D  
Acq On : 17 May 2022 18:42  
Operator : CG\JU  
Sample : N2879-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP1-0516

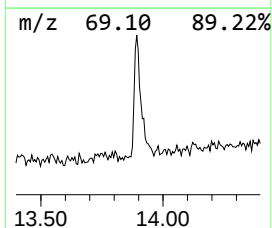
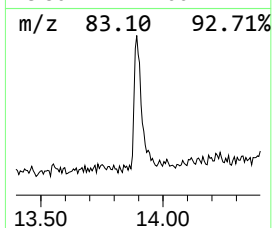
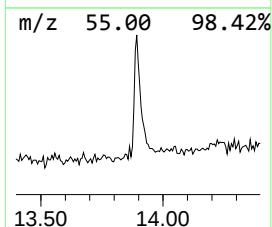
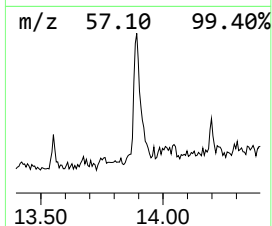
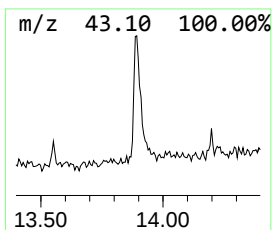
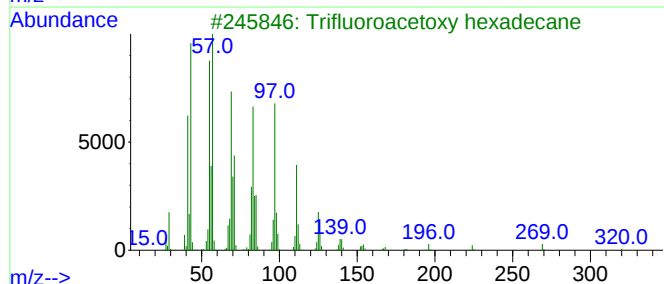
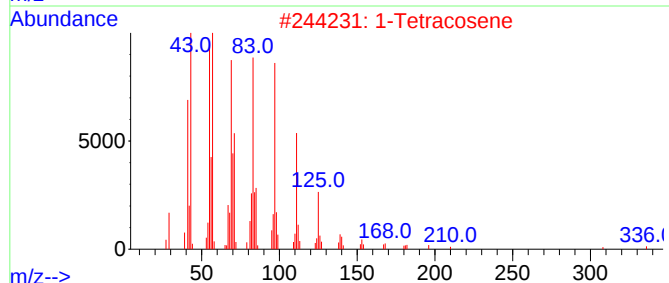
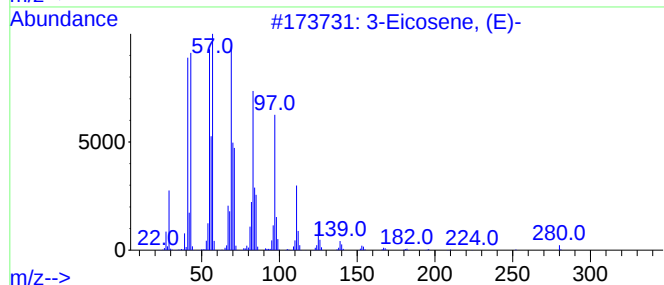
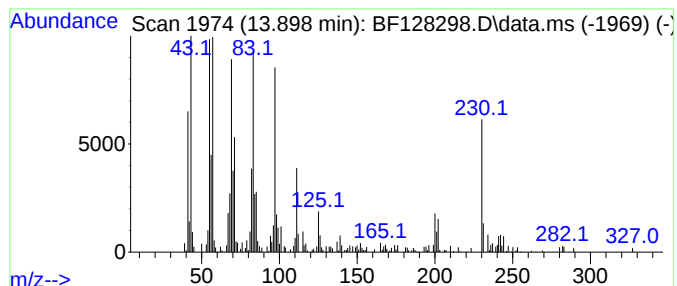
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 3-Eicosene, (E)- Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.898 | 5.66 ng | 273045 | Chrysene-d12     | 14.057 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|------|-------------------------------------|-----|------------|-------------|------|
| 1    |      | 3-Eicosene, (E)-                    | 280 | C20H40     | 074685-33-9 | 96   |
| 2    |      | 1-Tetracosene                       | 336 | C24H48     | 010192-32-2 | 93   |
| 3    |      | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 93   |
| 4    |      | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 90   |
| 5    |      | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
Data File : BF128298.D  
Acq On : 17 May 2022 18:42  
Operator : CG\JU  
Sample : N2879-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP1-0516

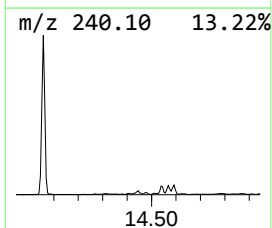
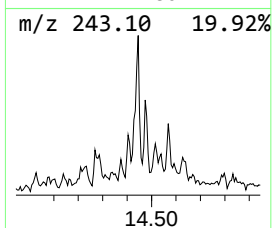
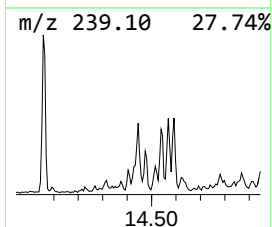
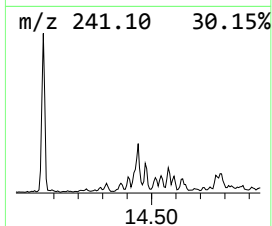
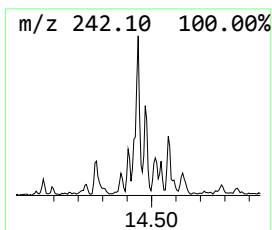
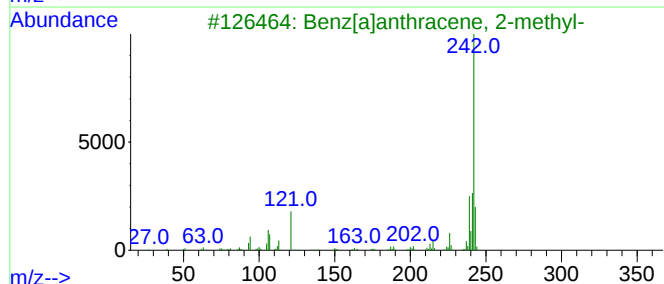
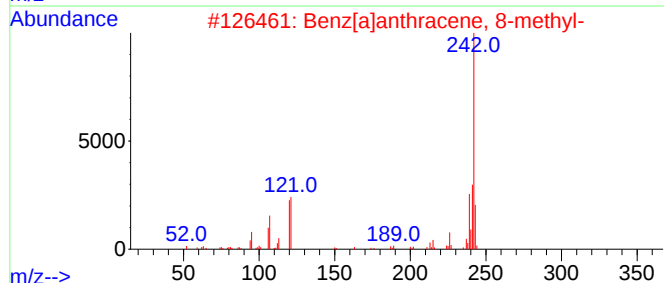
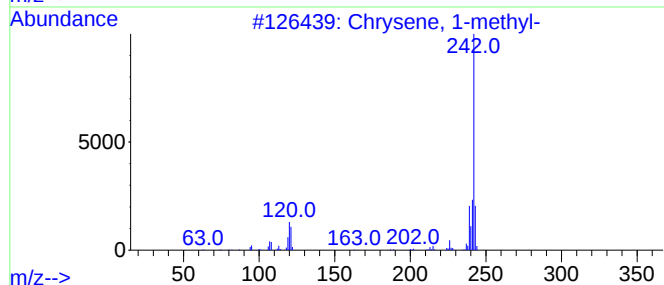
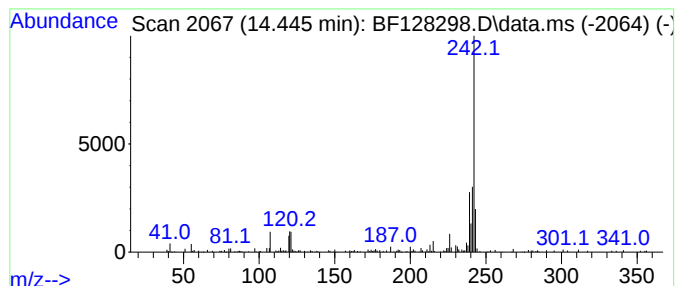
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Chrysene, 1-methyl- Concentration Rank 9

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.445 | 2.02 ng | 97675 | Chrysene-d12     | 14.057 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Chrysene, 1-methyl-          | 242 | C19H14  | 003351-28-8 | 93   |
| 2    |    |   | Benz[a]anthracene, 8-methyl- | 242 | C19H14  | 002381-31-9 | 93   |
| 3    |    |   | Benz[a]anthracene, 2-methyl- | 242 | C19H14  | 002498-76-2 | 93   |
| 4    |    |   | 2-Methylchrysene             | 242 | C19H14  | 003351-32-4 | 93   |
| 5    |    |   | Chrysene, 5-methyl-          | 242 | C19H14  | 003697-24-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
Data File : BF128298.D  
Acq On : 17 May 2022 18:42  
Operator : CG\JU  
Sample : N2879-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP1-0516

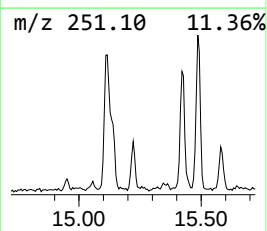
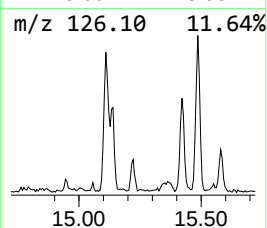
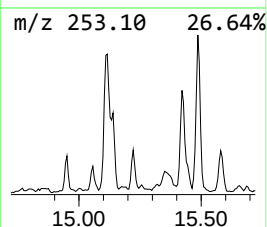
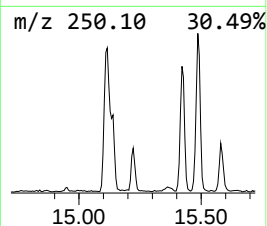
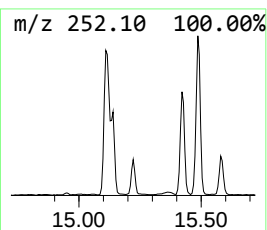
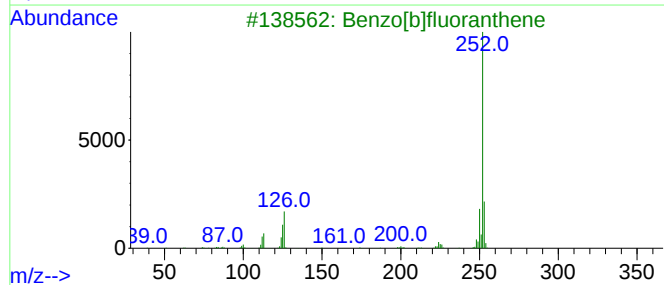
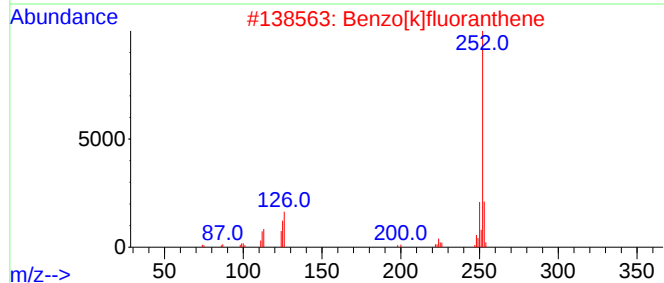
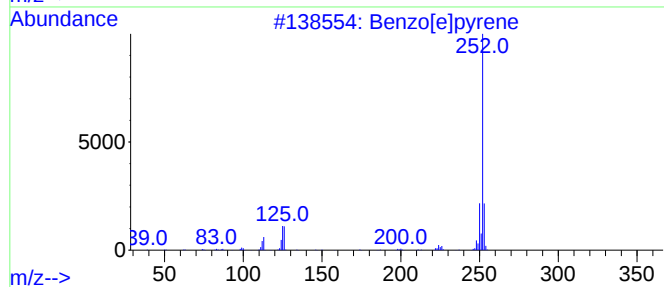
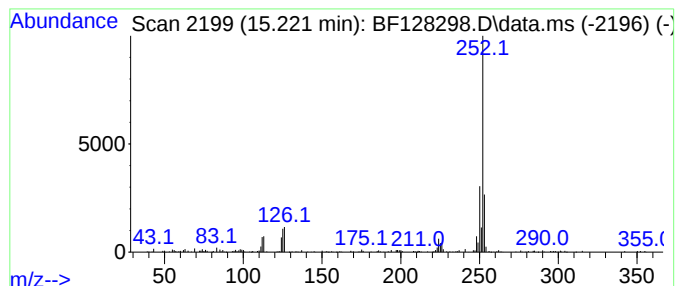
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Benzo[e]pyrene Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.221 | 3.89 ng | 94425 | Perylene-d12     | 15.551 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 98   |
| 2    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 93   |
| 3    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 93   |
| 4    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 93   |
| 5    |    |   | Benzo[j]fluoranthene | 252 | C20H12  | 000205-82-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
Data File : BF128298.D  
Acq On : 17 May 2022 18:42  
Operator : CG\JU  
Sample : N2879-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP1-0516

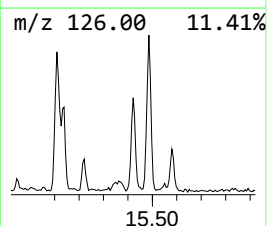
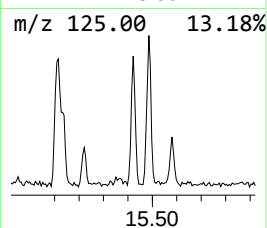
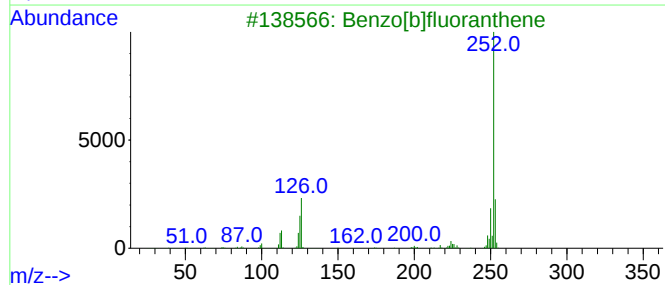
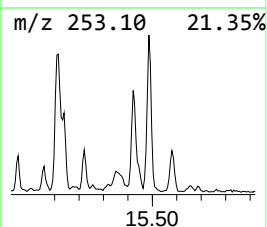
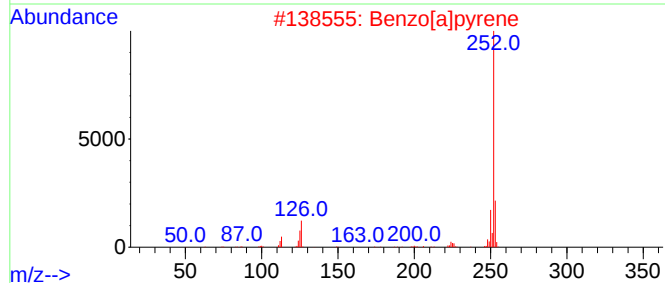
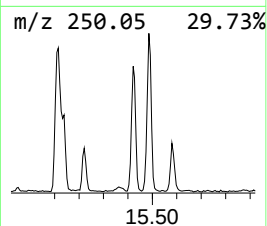
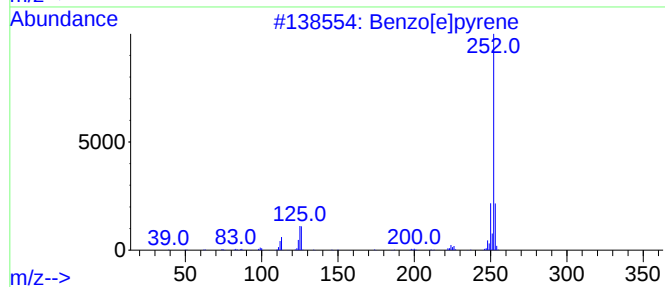
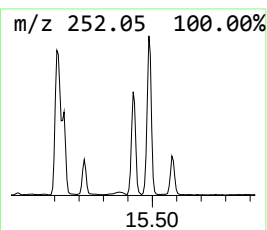
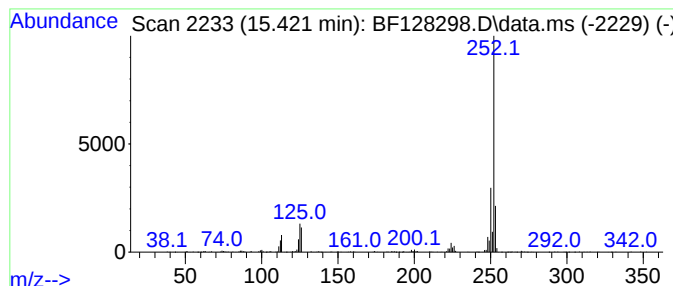
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Perylene Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.421 | 13.18 ng | 319895 | Perylene-d12     | 15.551 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 98   |
| 2    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 93   |
| 3    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 93   |
| 4    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 93   |
| 5    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
Data File : BF128298.D  
Acq On : 17 May 2022 18:42  
Operator : CG\JU  
Sample : N2879-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP1-0516

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.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 |
| 5H-Dibenzo[a,d]... | 11.910 | 3.2     | ng    | 90973    | 4                     | 11.410 | 576422 | 20.0 |
| Phenanthrene, 2... | 11.939 | 2.6     | ng    | 76054    | 4                     | 11.410 | 576422 | 20.0 |
| Benzaldehyde, 3... | 12.022 | 3.8     | ng    | 109873   | 4                     | 11.410 | 576422 | 20.0 |
| Phenanthrene, 2... | 12.457 | 2.1     | ng    | 59263    | 4                     | 11.410 | 576422 | 20.0 |
| 3-Eicosene, (E)-   | 13.898 | 5.7     | ng    | 273045   | 5                     | 14.057 | 964843 | 20.0 |
| Chrysene, 1-met... | 14.445 | 2.0     | ng    | 97675    | 5                     | 14.057 | 964843 | 20.0 |
| Benzo[e]pyrene     | 15.221 | 3.9     | ng    | 94425    | 6                     | 15.551 | 485311 | 20.0 |
| Perylene           | 15.421 | 13.2    | ng    | 319895   | 6                     | 15.551 | 485311 | 20.0 |