LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
Acq On : 02 Dec 2023 10:28
Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136371.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.046 | 498 | 503 | 507 | rVB | 25545 | 31130 | 1.56% | 0.173% |
| 2 | 5.440 | 566 | 570 | 573 | rBV | 2028963 | 1928688 | 96.50% | 10.694% |
| 3 | 6.440 | 735 | 740 | 743 | rBV | 1901802 | 1652709 | 82.70% | 9.164% |
| 4 | 6.640 | 770 | 774 | 778 | rBV2 | 19575 | 27053 | 1.35% | 0.150% |
| 5 | 6.804 | 799 | 802 | 806 | rBV | 812219 | 627348 | 31.39% | 3.478% |
| 6 | 7.363 | 892 | 897 | 900 | rBV | 1266663 | 1050704 | 52.57% | 5.826% |
| 7 | 8.081 | 1015 | 1019 | 1022 | rBV | 860693 | 672142 | 33.63% | 3.727% |
| 8 | 9.157 | 1198 | 1202 | 1205 | rBV | 2056833 | 1702533 | 85.19% | 9.440% |
| 9 | 9.281 | 1218 | 1223 | 1227 | rBV | 25927 | 26443 | 1.32% | 0.147% |
| 10 | 9.698 | 1291 | 1294 | 1298 | rBV | 49624 | 40100 | 2.01% | 0.222% |
| 11 | 9.839 | 1314 | 1318 | 1321 | rBV | 766724 | 603619 | 30.20% | 3.347% |
| 12 | 10.628 | 1448 | 1452 | 1464 | rBV | 1119784 | 968527 | 48.46% | 5.370% |
| 13 | 11.328 | 1567 | 1571 | 1574 | rBV | 752943 | 687874 | 34.42% | 3.814% |
| 14 | 11.351 | 1574 | 1575 | 1579 | rVV | 290129 | 204783 | 10.25% | 1.135% |
| 15 | 11.404 | 1581 | 1584 | 1587 | rVB | 53608 | 45984 | 2.30% | 0.255% |
| 16 | 11.563 | 1605 | 1611 | 1613 | rBV2 | 23884 | 28421 | 1.42% | 0.158% |
| 17 | 11.739 | 1632 | 1641 | 1646 | rVB6 | 13411 | 31470 | 1.57% | 0.174% |
| 18 | 11.833 | 1654 | 1657 | 1659 | rBV | 79148 | 69770 | 3.49% | 0.387% |
| 19 | 11.869 | 1659 | 1663 | 1667 | rVV2 | 270607 | 304420 | 15.23% | 1.688% |
| 20 | 11.910 | 1667 | 1670 | 1673 | rVV2 | 39417 | 50663 | 2.53% | 0.281% |
| 21 | 11.945 | 1673 | 1676 | 1678 | rVV | 126465 | 130411 | 6.53% | 0.723% |
| 22 | 11.969 | 1678 | 1680 | 1685 | rVB | 78497 | 69357 | 3.47% | 0.385% |
| 23 | 12.133 | 1705 | 1708 | 1710 | rBV2 | 41863 | 40335 | 2.02% | 0.224% |
| 24 | 12.157 | 1710 | 1712 | 1715 | rVB2 | 57706 | 51853 | 2.59% | 0.288% |
| 25 | 12.310 | 1736 | 1738 | 1741 | rBV | 33001 | 28051 | 1.40% | 0.156% |
| 26 | 12.386 | 1748 | 1751 | 1754 | rBV | 97412 | 95532 | 4.78% | 0.530% |
| 27 | 12.422 | 1754 | 1757 | 1759 | rVV2 | 64614 | 79688 | 3.99% | 0.442% |
| 28 | 12.469 | 1763 | 1765 | 1770 | rVV4 | 51410 | 64666 | 3.24% | 0.359% |
| 29 | 12.551 | 1775 | 1779 | 1782 | rBV | 622276 | 568228 | 28.43% | 3.151% |
| 30 | 12.657 | 1792 | 1797 | 1799 | rBV3 | 58223 | 72760 | 3.64% | 0.403% |
| 31 | 12.780 | 1812 | 1818 | 1821 | rBV | 595408 | 621153 | 31.08% | 3.444% |
| 32 | 12.833 | 1824 | 1827 | 1831 | rVB3 | 48950 | 63691 | 3.19% | 0.353% |
| 33 | 12.898 | 1835 | 1838 | 1839 | rBV2 | 32188 | 28507 | 1.43% | 0.158% |
| 34 | 12.927 | 1839 | 1843 | 1846 | rVV | 2441556 | 1998556 | 100.00% | 11.081% |
| 35 | 12.998 | 1850 | 1855 | 1859 | rBV3 | 69017 | 109590 | 5.48% | 0.608% |
| 36 | 13.086 | 1867 | 1870 | 1871 | rBV3 | 52434 | 54430 | 2.72% | 0.302% |

LSC Area Percent Report

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Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.110 | 1871 | 1874 | 1877 | rVB | 106560 | 102201 | 5.11% | 0.567% |
| 38 | 13.174 | 1881 | 1885 | 1888 | rVB2 | 68545 | 70028 | 3.50% | 0.388% |
| 39 | 13.210 | 1888 | 1891 | 1894 | rBV | 92667 | 100325 | 5.02% | 0.556% |
| 40 | 13.304 | 1904 | 1907 | 1910 | rVB | 74911 | 59421 | 2.97% | 0.329% |
| 41 | 13.339 | 1910 | 1913 | 1915 | rBV | 59770 | 59526 | 2.98% | 0.330% |
| 42 | 13.510 | 1940 | 1942 | 1945 | rBV2 | 33806 | 35715 | 1.79% | 0.198% |
| 43 | 13.616 | 1958 | 1960 | 1965 | rVB | 72991 | 87173 | 4.36% | 0.483% |
| 44 | 13.733 | 1975 | 1980 | 1982 | rBV3 | 69494 | 106129 | 5.31% | 0.588% |
| 45 | 13.763 | 1982 | 1985 | 1986 | rVV | 51882 | 46746 | 2.34% | 0.259% |
| 46 | 13.780 | 1986 | 1988 | 1992 | rVV2 | 47651 | 57962 | 2.90% | 0.321% |
| 47 | 13.827 | 1994 | 1996 | 2004 | rVB2 | 51198 | 84358 | 4.22% | 0.468% |
| 48 | 13.986 | 2018 | 2023 | 2025 | rBV2 | 764833 | 945467 | 47.31% | 5.242% |
| 49 | 14.010 | 2025 | 2027 | 2030 | rVB | 285964 | 219027 | 10.96% | 1.214% |
| 50 | 14.374 | 2087 | 2089 | 2092 | rVB | 69774 | 49436 | 2.47% | 0.274% |
| 51 | 14.410 | 2092 | 2095 | 2098 | rBV2 | 49158 | 42323 | 2.12% | 0.235% |
| 52 | 14.469 | 2102 | 2105 | 2108 | rVB | 72938 | 67641 | 3.38% | 0.375% |
| 53 | 15.033 | 2197 | 2201 | 2205 | rBV | 194019 | 344921 | 17.26% | 1.912% |
| 54 | 15.339 | 2250 | 2253 | 2259 | rVB | 112490 | 143449 | 7.18% | 0.795% |
| 55 | 15.404 | 2260 | 2264 | 2271 | rVB | 136277 | 159325 | 7.97% | 0.883% |
| 56 | 15.468 | 2271 | 2275 | 2279 | rBV | 350673 | 422974 | 21.16% | 2.345% |

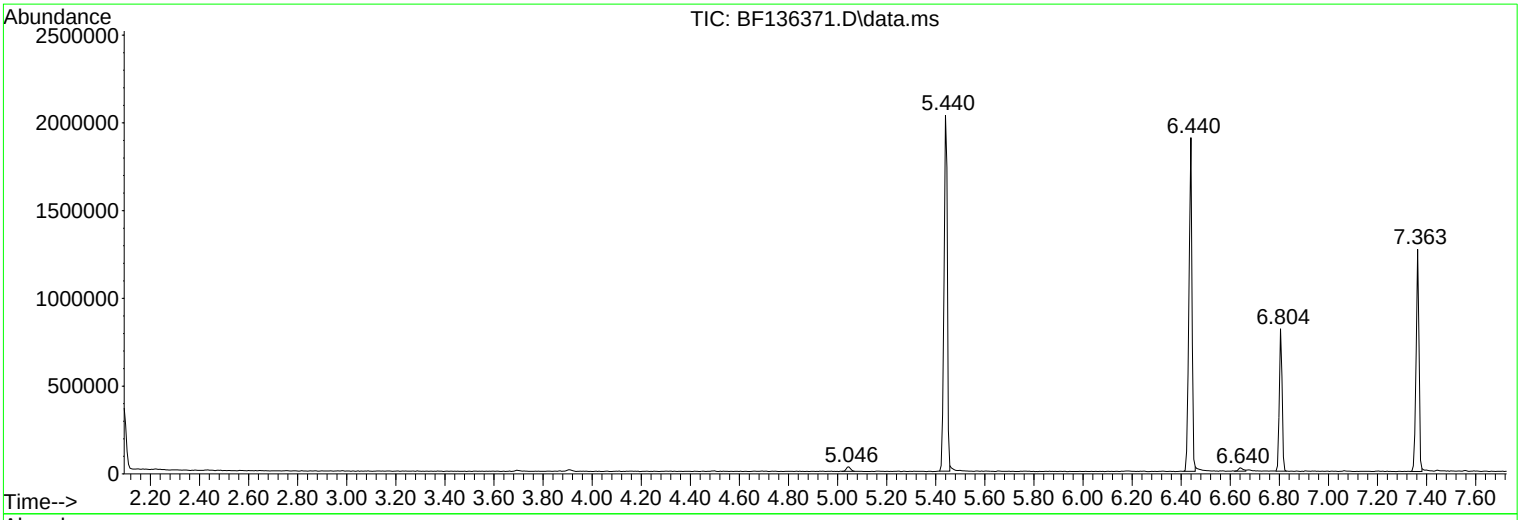
Sum of corrected areas: 18035336

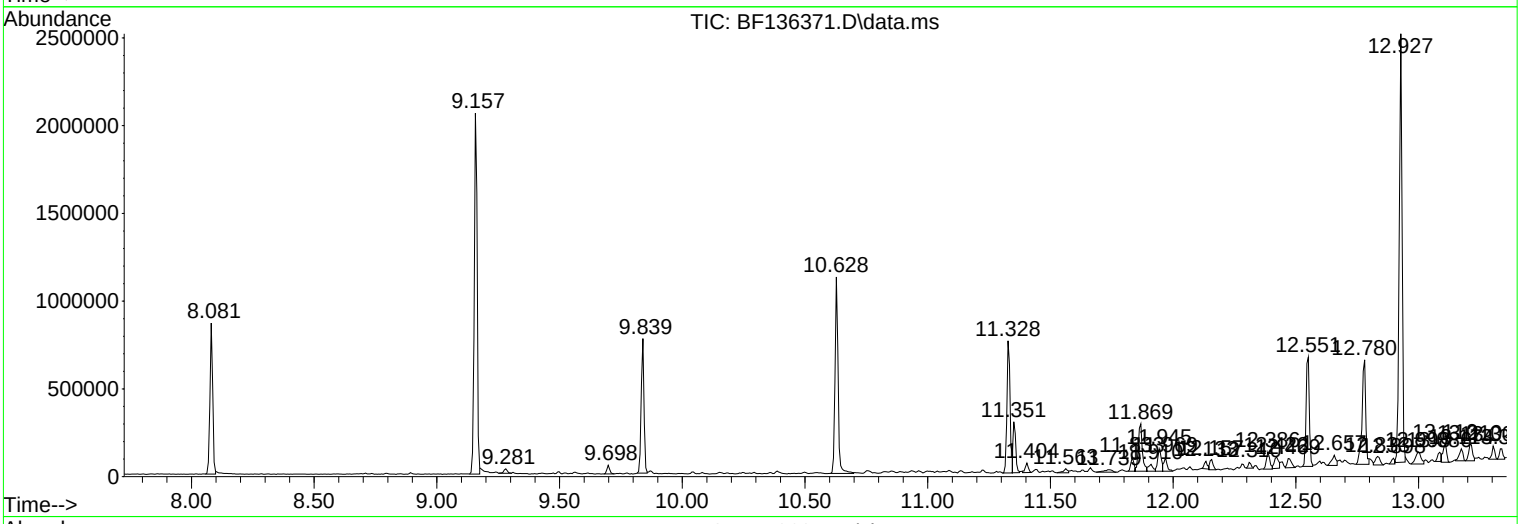
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
Acq On : 02 Dec 2023 10:28
Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

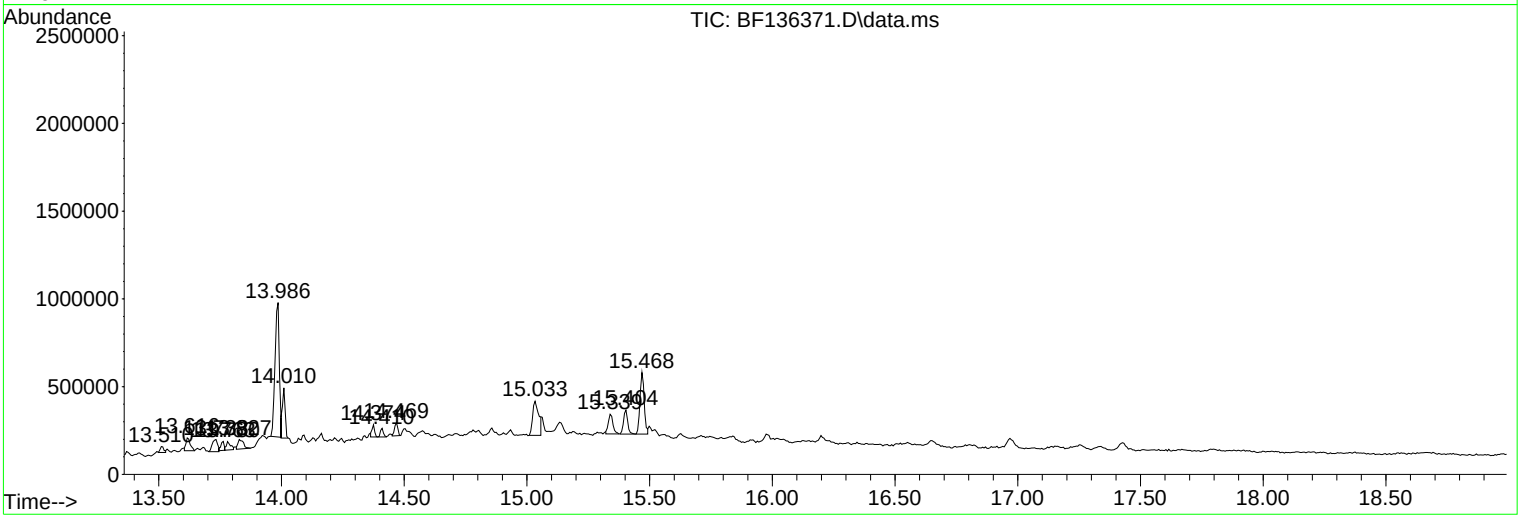
**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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\BF120123\
Data File : BF136371.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

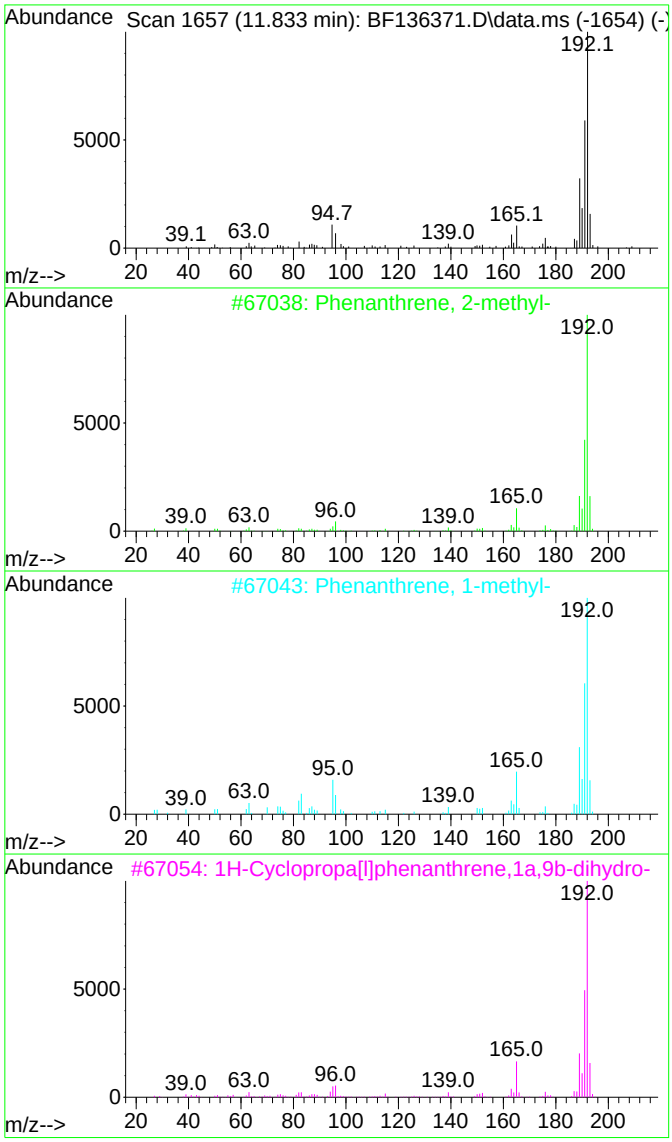
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

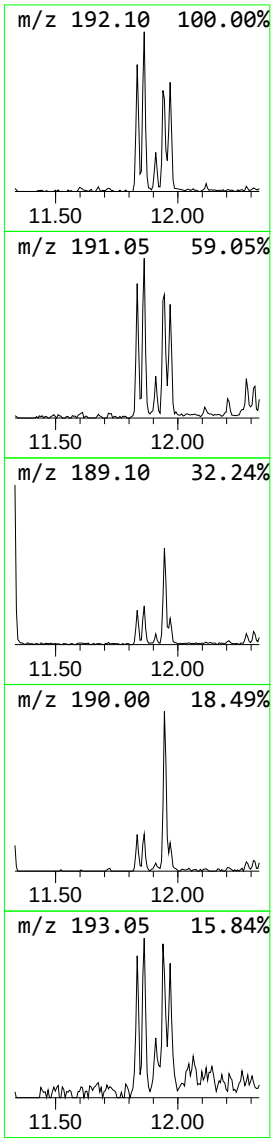
**********

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.833 | 2.03 ng | 69770 | Phenanthrene-d10 | 11.328 |

| 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 | 93 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 91 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
Acq On : 02 Dec 2023 10:28
Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

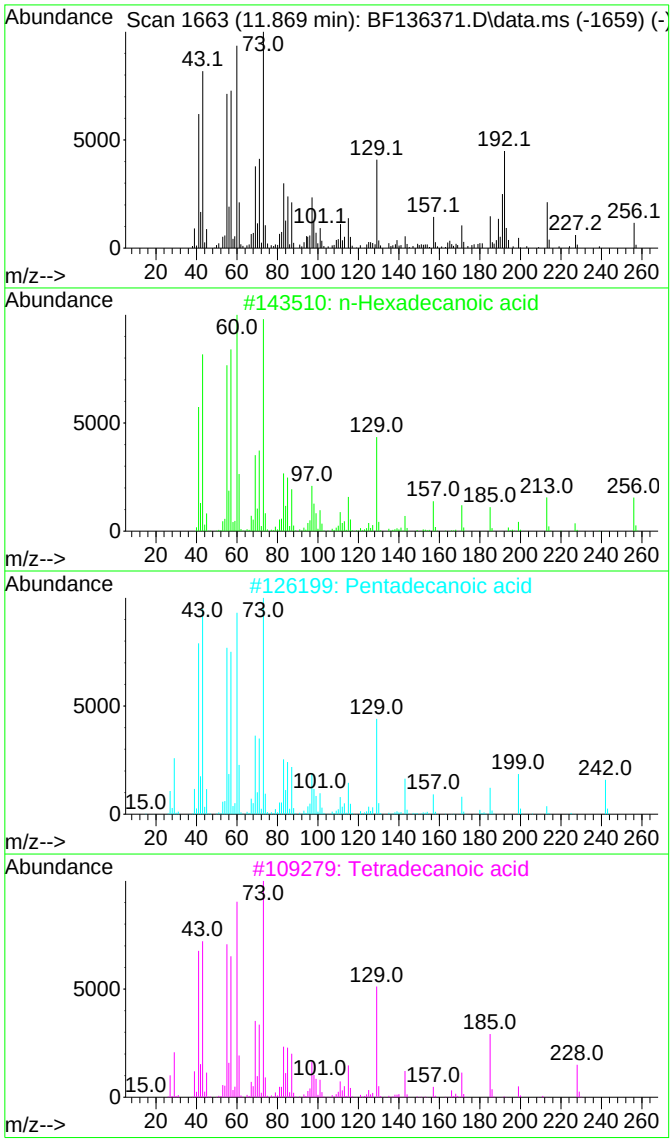
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

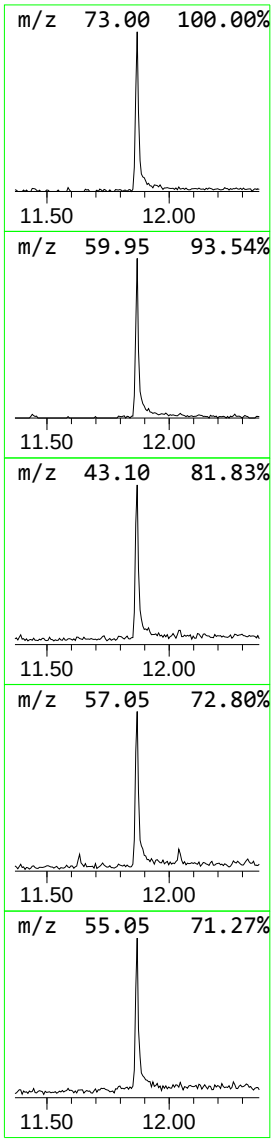
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.869 | 8.85 ng | 304420 | Phenanthrene-d10 | 11.328 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 89 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 86 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 70 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
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Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

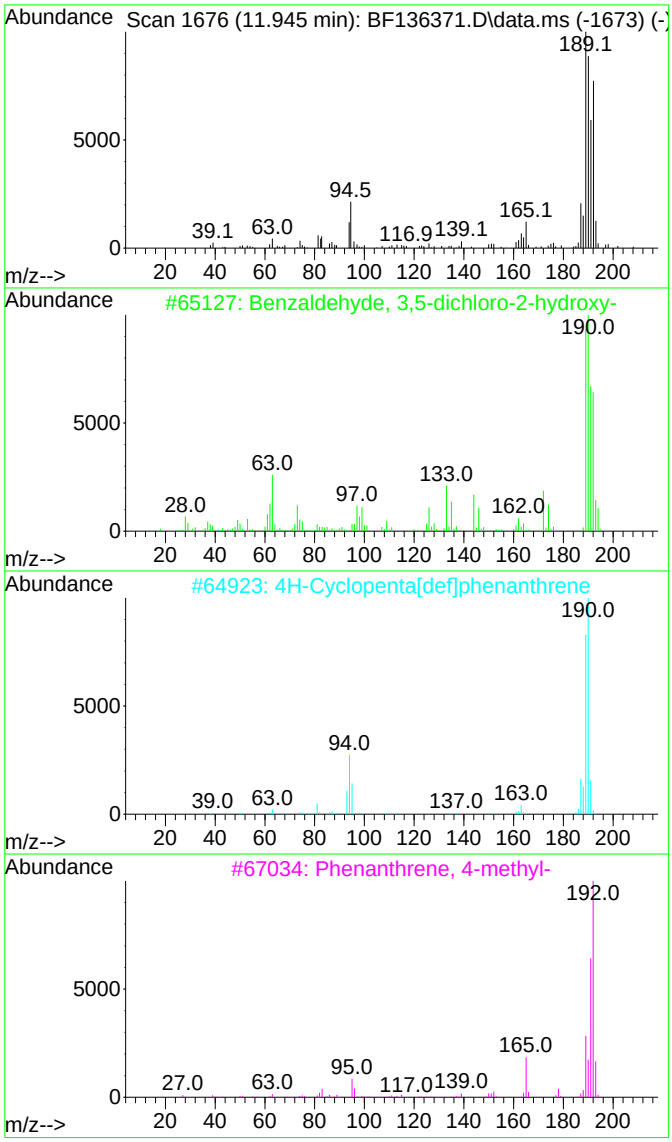
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

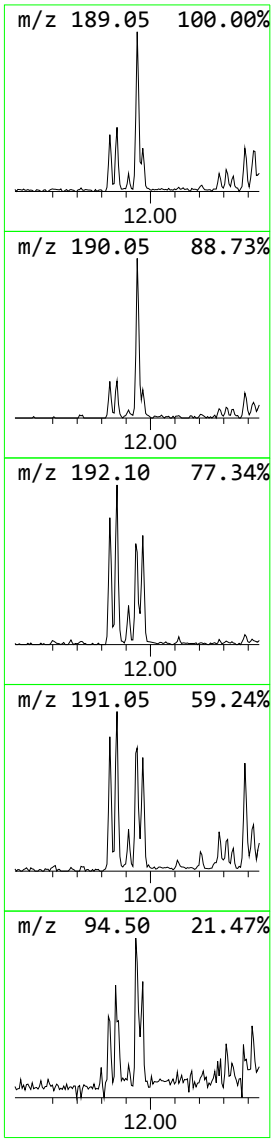
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.945 | 3.79 ng | 130411 | Phenanthrene-d10 | 11.328 |

| 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 | 60 |
| 3 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 42 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 38 |
| 5 | Naphtho[1,2-b]norbornadiene | 192 | C15H12 | 1000210-14-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
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Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

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BNA_F
**ClientSampleId :**
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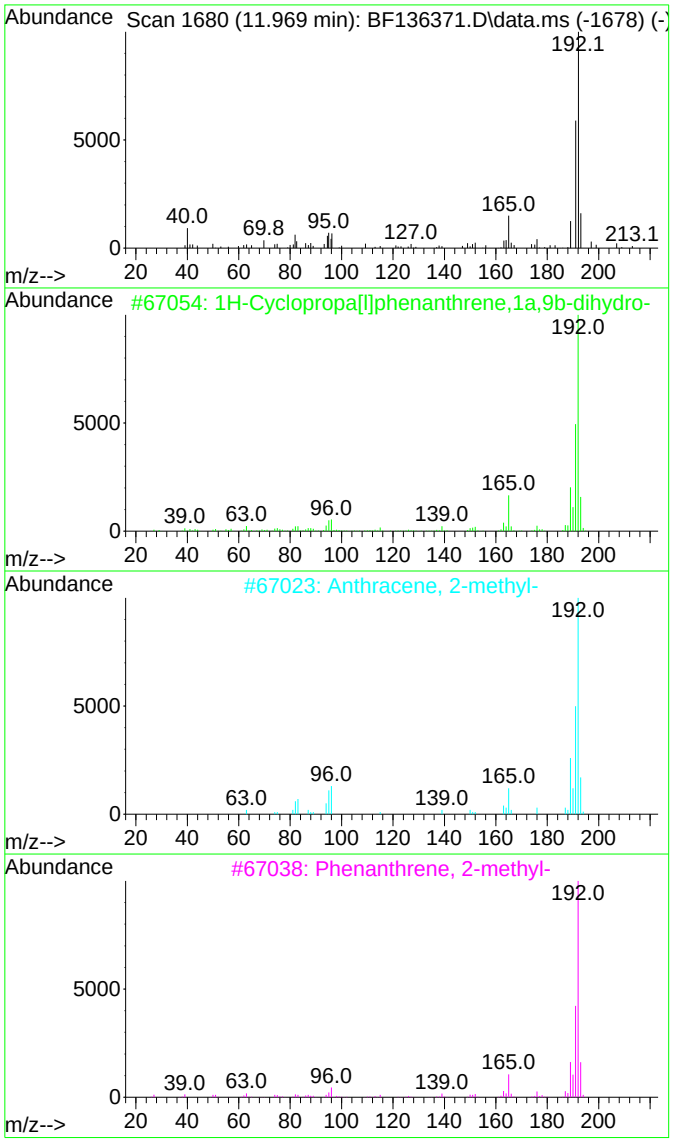
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

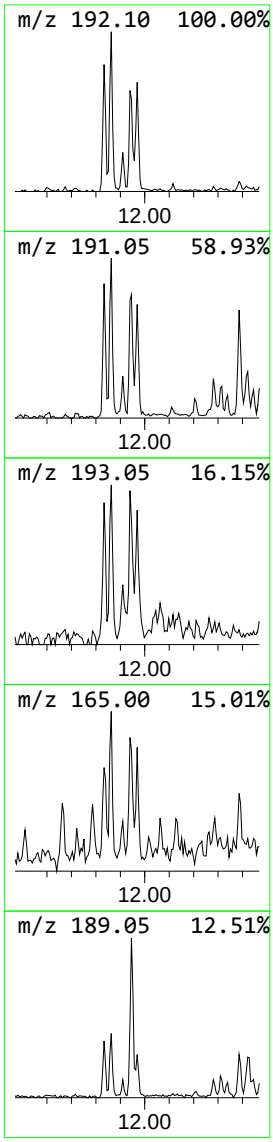
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.969 | 2.02 ng | 69357 | Phenanthrene-d10 | 11.328 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 90 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 90 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
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Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
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**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

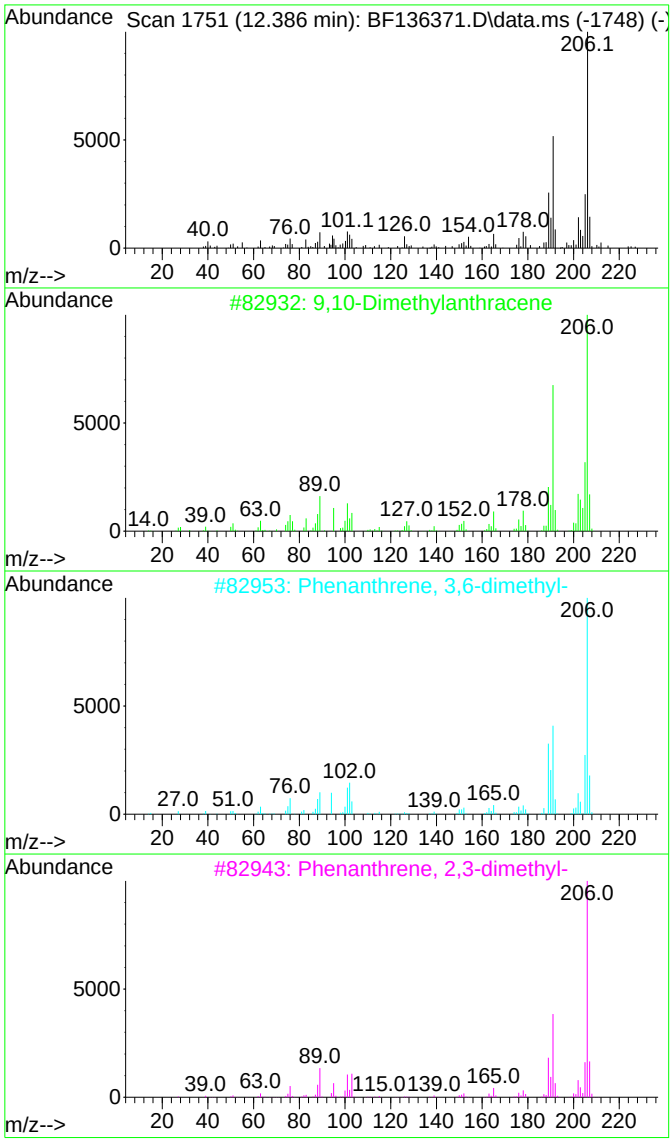
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

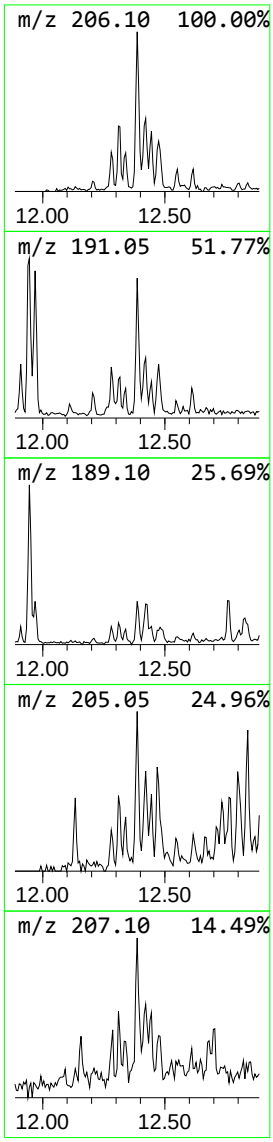
**********

Peak Number 5 9,10-Dimethylanthracene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.386 | 2.78 ng | 95532 | Phenanthrene-d10 | 11.328 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |
| 3 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 87 |
| 4 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 87 |
| 5 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 83 |



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Data File : BF136371.D
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Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

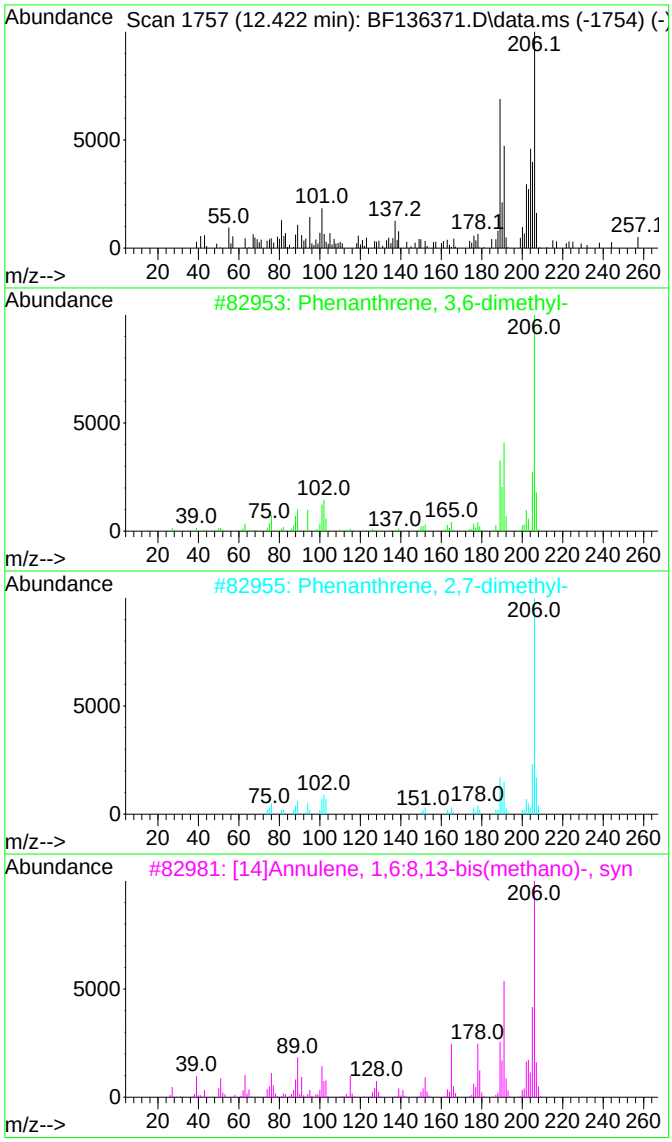
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

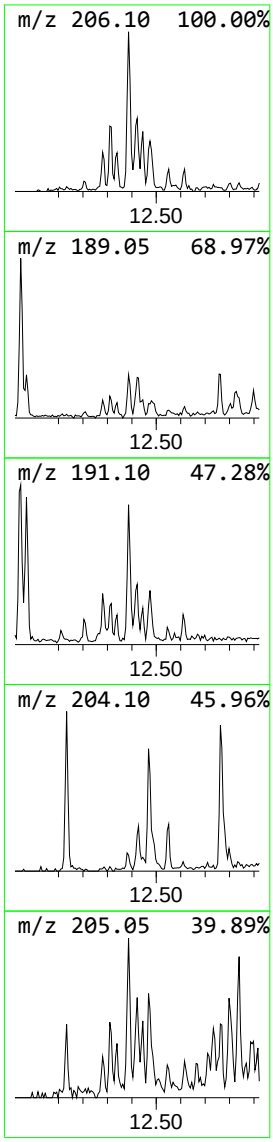
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.422 | 2.32 ng | 79688 | Phenanthrene-d10 | 11.328 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 53 |
| 2 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 52 |
| 3 | [14]Annulene, 1,6:8,13-bis(metha... | 206 | C16H14 | 085385-68-8 | 50 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 43 |
| 5 | 3,5-Dichloro-4-hydroxybenzoic acid | 206 | C7H4Cl2O3 | 003336-41-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
Acq On : 02 Dec 2023 10:28
Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

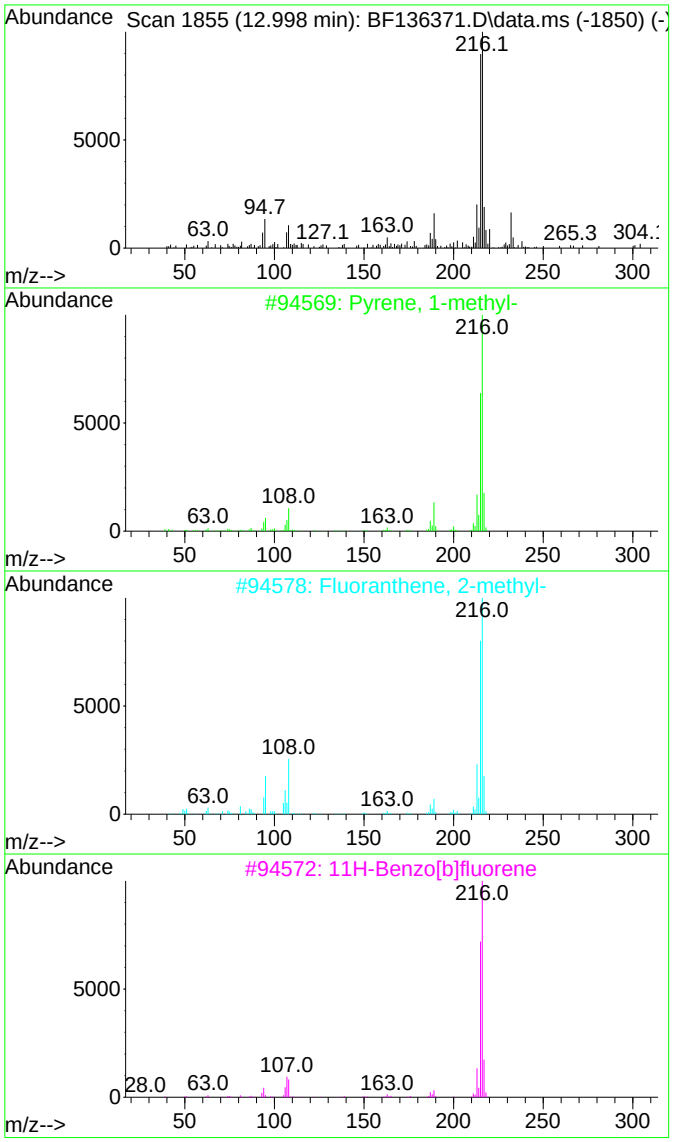
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

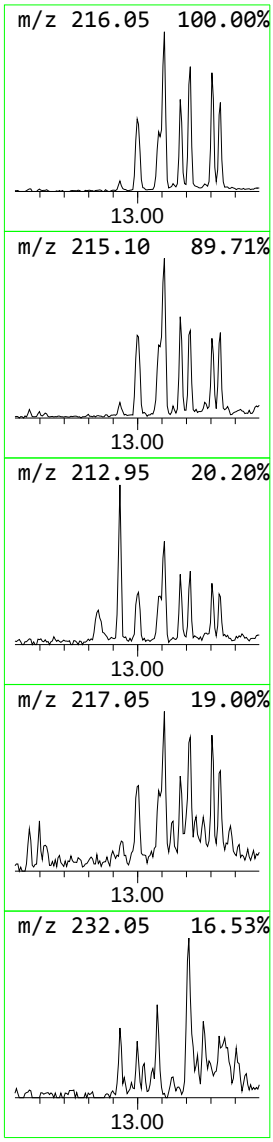
**********

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.998 | 2.32 ng | 109590 | Chrysene-d12 | 13.986 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 86 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 81 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
Acq On : 02 Dec 2023 10:28
Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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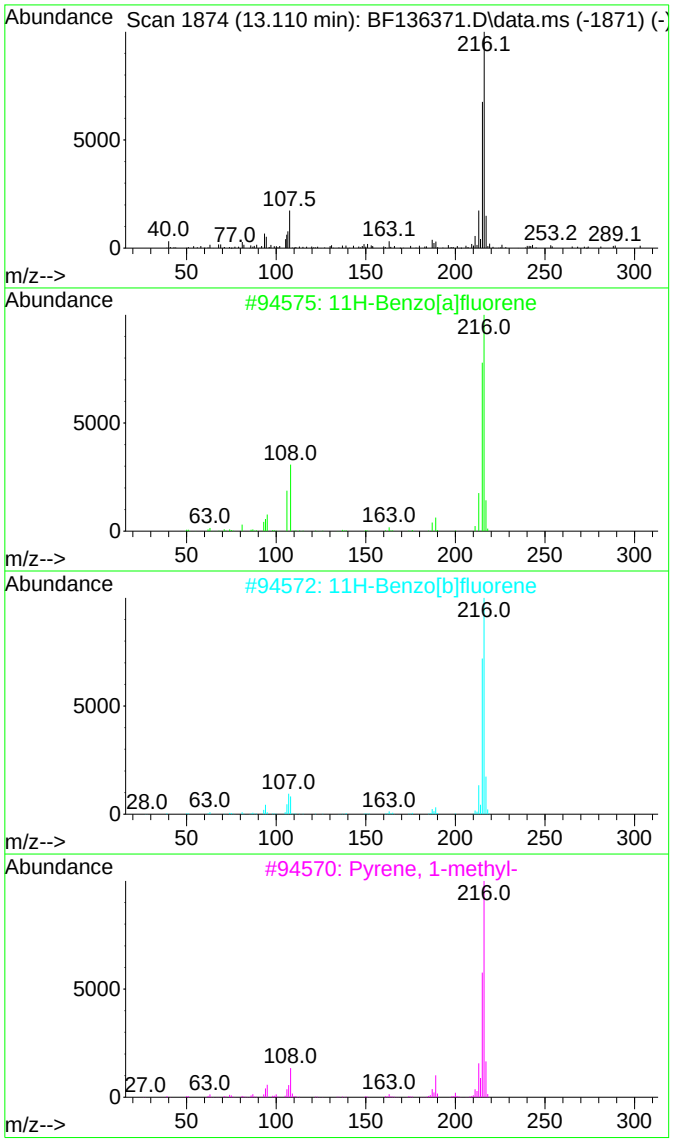
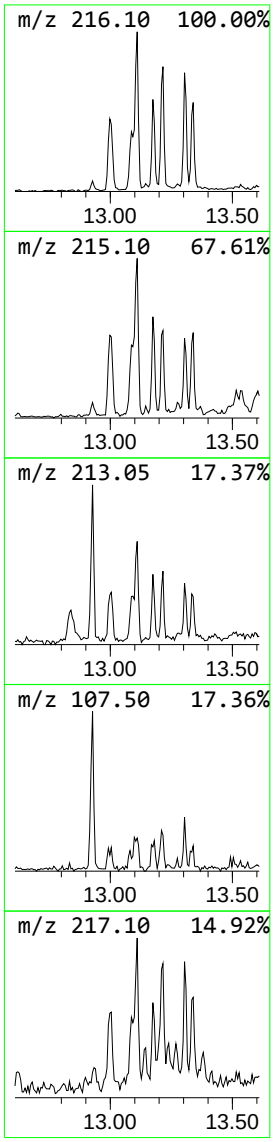
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.110 | 2.16 ng | 102201 | Chrysene-d12 | 13.986 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 80 |
| 4 | 4-Hydroxy-6-methyl-1-pyridin-3-y... | 216 | C12H12N2O2 | 1000318-25-3 | 80 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
Acq On : 02 Dec 2023 10:28
Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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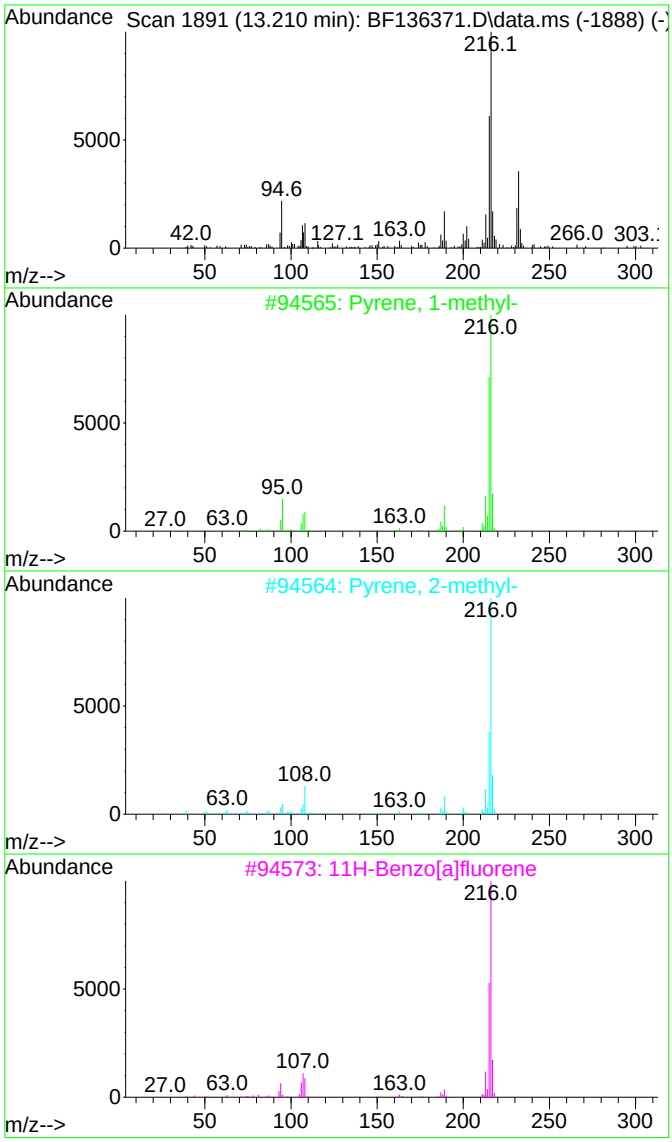
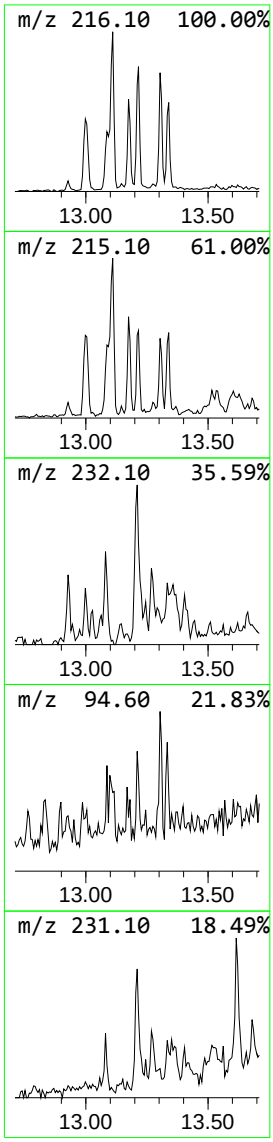
Peak Number 9 Pyrene, 2-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.210 | 2.12 ng | 100325 | Chrysene-d12 | 13.986 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 95 |
| 2 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 92 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 92 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 5 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
Acq On : 02 Dec 2023 10:28
Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

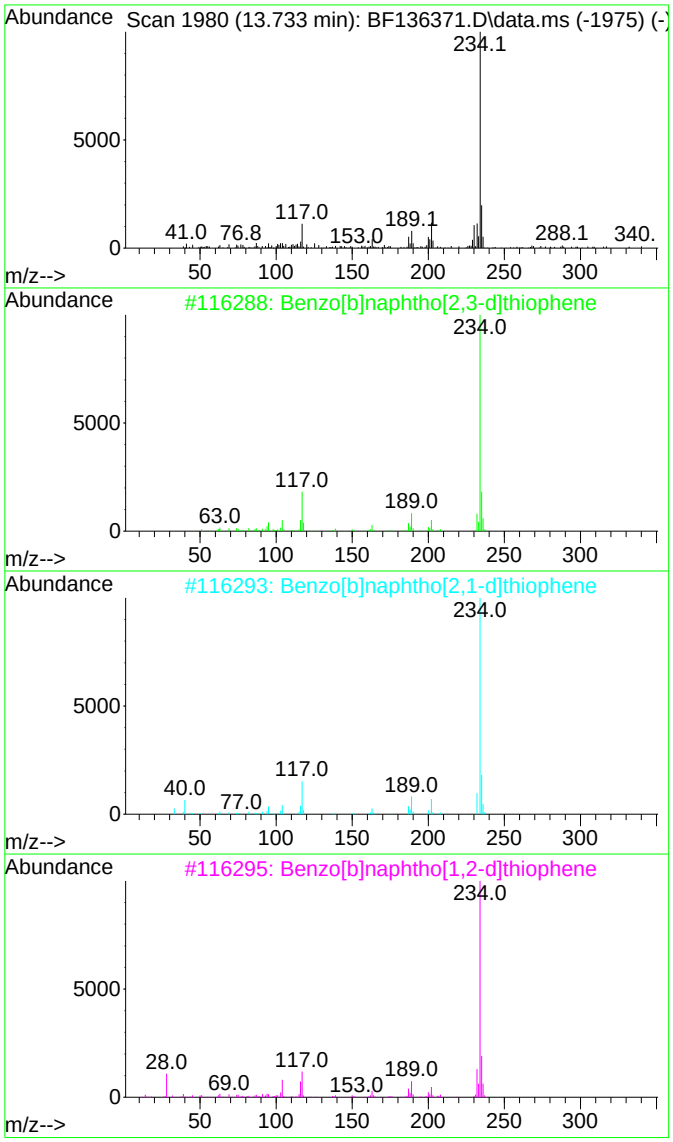
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

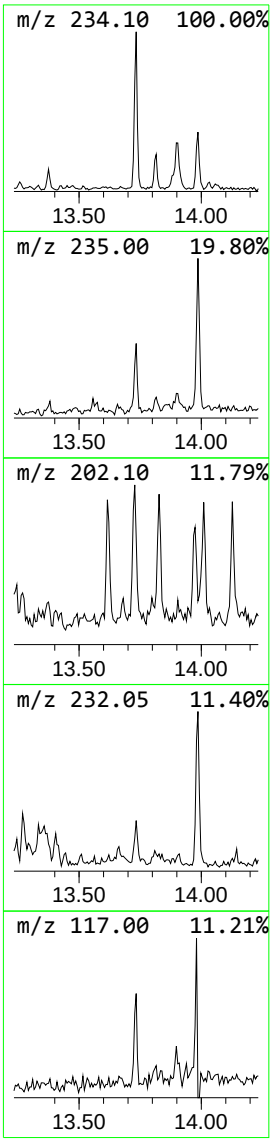
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.733 | 2.25 ng | 106129 | Chrysene-d12 | 13.986 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]naphtho[2,3-d]thiophene | 234 | C16H10S | 000243-46-9 | 91 |
| 2 | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 91 |
| 3 | Benzo[b]naphtho[1,2-d]thiophene | 234 | C16H10S | 000205-43-6 | 90 |
| 4 | Cyclohexene, 1,2-diphenyl- | 234 | C18H18 | 041317-87-7 | 59 |
| 5 | Phenanthro(2,1-b)thiophene | 234 | C16H10S | 000219-25-0 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
Acq On : 02 Dec 2023 10:28
Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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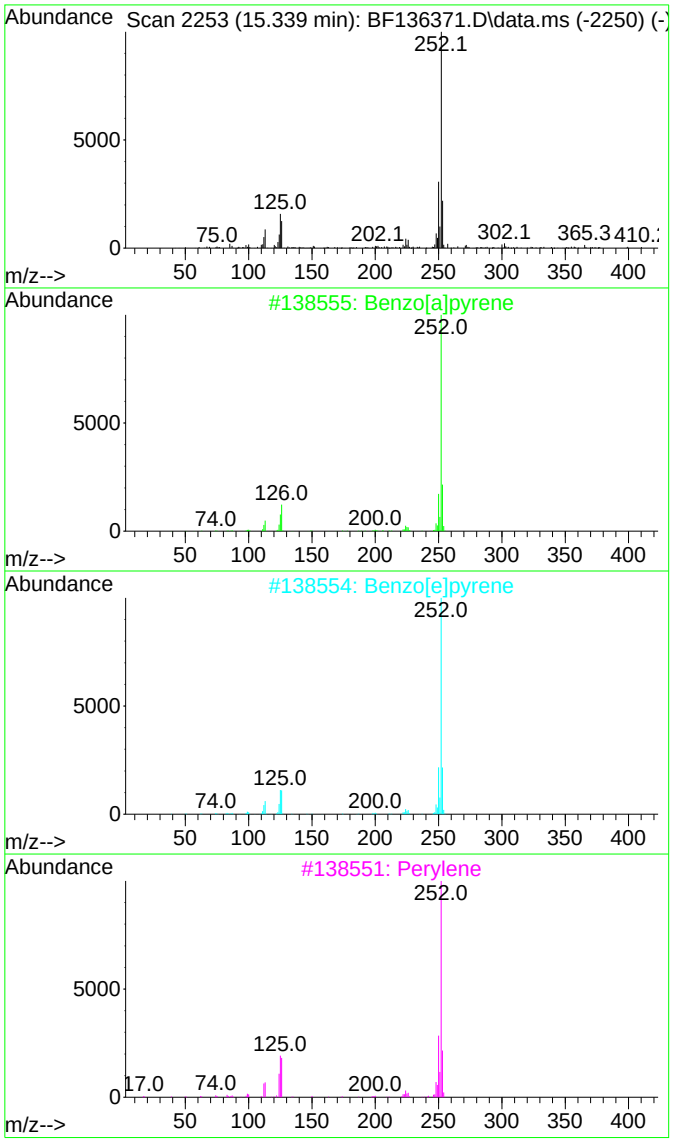
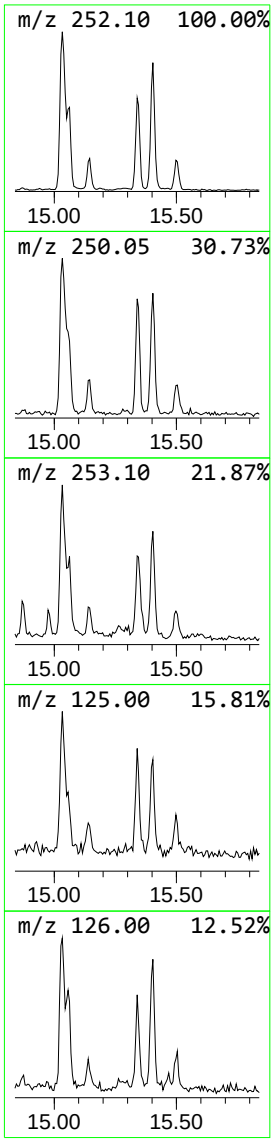
Peak Number 11 Benzo[e]pyrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.339 | 6.78 ng | 143449 | Perylene-d12 | 15.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 96 |
| 2 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 96 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 90 |
| 4 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 90 |
| 5 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136371.D
Acq On : 02 Dec 2023 10:28
Operator : CG\JU
Sample : 05434-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Phenanthrene, 2... | 11.833 | 2.0 | ng | 69770 | 4 | 11.328 | 687874 | 20.0 |
| n-Hexadecanoic ... | 11.869 | 8.8 | ng | 304420 | 4 | 11.328 | 687874 | 20.0 |
| Benzaldehyde, 3... | 11.945 | 3.8 | ng | 130411 | 4 | 11.328 | 687874 | 20.0 |
| 1H-Cyclopropa[l... | 11.969 | 2.0 | ng | 69357 | 4 | 11.328 | 687874 | 20.0 |
| 9,10-Dimethylan... | 12.386 | 2.8 | ng | 95532 | 4 | 11.328 | 687874 | 20.0 |
| Phenanthrene, 3... | 12.422 | 2.3 | ng | 79688 | 4 | 11.328 | 687874 | 20.0 |
| Pyrene, 1-methyl- | 12.998 | 2.3 | ng | 109590 | 5 | 13.986 | 945467 | 20.0 |
| 11H-Benzo[a]flu... | 13.110 | 2.2 | ng | 102201 | 5 | 13.986 | 945467 | 20.0 |
| Pyrene, 2-methyl- | 13.210 | 2.1 | ng | 100325 | 5 | 13.986 | 945467 | 20.0 |
| Benzo[b]naphtho... | 13.733 | 2.3 | ng | 106129 | 5 | 13.986 | 945467 | 20.0 |
| Benzo[e]pyrene | 15.339 | 6.8 | ng | 143449 | 6 | 15.469 | 422974 | 20.0 |