LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144296.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.069 | 481 | 489 | 503 | rVB | 91747 | 131154 | 19.13% | 1.532% |
| 2 | 5.487 | 555 | 560 | 577 | rBV | 315970 | 442076 | 64.48% | 5.165% |
| 3 | 6.493 | 726 | 731 | 748 | rBV | 302918 | 420041 | 61.26% | 4.907% |
| 4 | 6.863 | 789 | 794 | 800 | rBV | 183896 | 224519 | 32.75% | 2.623% |
| 5 | 7.422 | 884 | 889 | 900 | rBV | 205429 | 257977 | 37.63% | 3.014% |
| 6 | 8.145 | 1007 | 1012 | 1019 | rBV | 210829 | 260607 | 38.01% | 3.045% |
| 7 | 9.216 | 1189 | 1194 | 1199 | rBV | 339366 | 417882 | 60.95% | 4.882% |
| 8 | 9.557 | 1248 | 1252 | 1255 | rBV3 | 5907 | 8699 | 1.27% | 0.102% |
| 9 | 9.622 | 1259 | 1263 | 1269 | rVB3 | 5948 | 9360 | 1.37% | 0.109% |
| 10 | 9.763 | 1283 | 1287 | 1291 | rBV | 31668 | 40042 | 5.84% | 0.468% |
| 11 | 9.898 | 1305 | 1310 | 1315 | rBV | 218648 | 280262 | 40.88% | 3.274% |
| 12 | 10.098 | 1340 | 1344 | 1349 | rBV3 | 8080 | 11544 | 1.68% | 0.135% |
| 13 | 10.145 | 1349 | 1352 | 1356 | rVB4 | 5608 | 7067 | 1.03% | 0.083% |
| 14 | 10.216 | 1360 | 1364 | 1367 | rBV4 | 7273 | 10597 | 1.55% | 0.124% |
| 15 | 10.304 | 1374 | 1379 | 1385 | rBV8 | 6037 | 13775 | 2.01% | 0.161% |
| 16 | 10.451 | 1401 | 1404 | 1409 | rVB4 | 8718 | 12933 | 1.89% | 0.151% |
| 17 | 10.610 | 1427 | 1431 | 1438 | rVB | 49709 | 70791 | 10.33% | 0.827% |
| 18 | 10.692 | 1440 | 1445 | 1450 | rBV | 222065 | 283118 | 41.29% | 3.308% |
| 19 | 10.816 | 1461 | 1466 | 1472 | rVB4 | 10347 | 16364 | 2.39% | 0.191% |
| 20 | 10.998 | 1493 | 1497 | 1500 | rBV4 | 7971 | 10552 | 1.54% | 0.123% |
| 21 | 11.128 | 1515 | 1519 | 1521 | rBV5 | 4738 | 7007 | 1.02% | 0.082% |
| 22 | 11.198 | 1527 | 1531 | 1535 | rVB | 9425 | 10567 | 1.54% | 0.123% |
| 23 | 11.286 | 1542 | 1546 | 1551 | rVB | 15602 | 22462 | 3.28% | 0.262% |
| 24 | 11.345 | 1551 | 1556 | 1558 | rBV6 | 4954 | 8264 | 1.21% | 0.097% |
| 25 | 11.392 | 1559 | 1564 | 1566 | rVV | 249038 | 334681 | 48.81% | 3.910% |
| 26 | 11.416 | 1566 | 1568 | 1573 | rVV | 171317 | 186306 | 27.17% | 2.177% |
| 27 | 11.469 | 1573 | 1577 | 1580 | rVV | 26133 | 35504 | 5.18% | 0.415% |
| 28 | 11.498 | 1580 | 1582 | 1589 | rVB6 | 9628 | 14556 | 2.12% | 0.170% |
| 29 | 11.628 | 1600 | 1604 | 1608 | rBV2 | 10519 | 17771 | 2.59% | 0.208% |
| 30 | 11.722 | 1617 | 1620 | 1625 | rBV | 17676 | 22515 | 3.28% | 0.263% |
| 31 | 11.804 | 1631 | 1634 | 1638 | rVB | 12007 | 15828 | 2.31% | 0.185% |
| 32 | 11.845 | 1638 | 1641 | 1644 | rBV3 | 7481 | 10156 | 1.48% | 0.119% |
| 33 | 11.916 | 1644 | 1653 | 1660 | rVV2 | 170117 | 354292 | 51.68% | 4.139% |
| 34 | 11.969 | 1660 | 1662 | 1664 | rVV3 | 17138 | 20079 | 2.93% | 0.235% |
| 35 | 12.004 | 1664 | 1668 | 1677 | rVB2 | 78812 | 166605 | 24.30% | 1.946% |
| 36 | 12.080 | 1677 | 1681 | 1686 | rBV6 | 16049 | 33857 | 4.94% | 0.396% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.127 | 1686 | 1689 | 1692 | rVV2 | 14719 | 17722 | 2.58% | 0.207% |
| 38 | 12.192 | 1696 | 1700 | 1702 | rVV | 35072 | 54684 | 7.98% | 0.639% |
| 39 | 12.222 | 1702 | 1705 | 1711 | rVB | 34935 | 51411 | 7.50% | 0.601% |
| 40 | 12.339 | 1719 | 1725 | 1727 | rBV2 | 20708 | 37119 | 5.41% | 0.434% |
| 41 | 12.369 | 1727 | 1730 | 1733 | rVV | 19615 | 23521 | 3.43% | 0.275% |
| 42 | 12.445 | 1739 | 1743 | 1746 | rBV | 67385 | 91788 | 13.39% | 1.072% |
| 43 | 12.480 | 1746 | 1749 | 1755 | rVV2 | 35450 | 65173 | 9.51% | 0.761% |
| 44 | 12.533 | 1755 | 1758 | 1766 | rVB4 | 36925 | 58521 | 8.54% | 0.684% |
| 45 | 12.610 | 1766 | 1771 | 1775 | rBV | 387018 | 494041 | 72.06% | 5.772% |
| 46 | 12.704 | 1783 | 1787 | 1791 | rVB2 | 40964 | 51863 | 7.56% | 0.606% |
| 47 | 12.839 | 1804 | 1810 | 1816 | rBV | 381412 | 556202 | 81.12% | 6.498% |
| 48 | 12.892 | 1816 | 1819 | 1823 | rVB2 | 37996 | 46719 | 6.81% | 0.546% |
| 49 | 12.980 | 1828 | 1834 | 1841 | rVB | 406613 | 598790 | 87.34% | 6.996% |
| 50 | 13.057 | 1842 | 1847 | 1854 | rBV4 | 50436 | 97747 | 14.26% | 1.142% |
| 51 | 13.163 | 1858 | 1865 | 1870 | rVB2 | 67350 | 140268 | 20.46% | 1.639% |
| 52 | 13.233 | 1874 | 1877 | 1880 | rVV2 | 29924 | 37293 | 5.44% | 0.436% |
| 53 | 13.269 | 1880 | 1883 | 1891 | rVB2 | 58376 | 93061 | 13.57% | 1.087% |
| 54 | 13.363 | 1896 | 1899 | 1902 | rVV2 | 38258 | 49545 | 7.23% | 0.579% |
| 55 | 13.398 | 1902 | 1905 | 1908 | rVB | 36190 | 42595 | 6.21% | 0.498% |
| 56 | 13.680 | 1950 | 1953 | 1957 | rVB | 47643 | 59785 | 8.72% | 0.698% |
| 57 | 13.786 | 1967 | 1971 | 1974 | rBV3 | 61066 | 95384 | 13.91% | 1.114% |
| 58 | 14.039 | 2008 | 2014 | 2017 | rBV2 | 388816 | 685615 | 100.00% | 8.010% |
| 59 | 15.092 | 2188 | 2193 | 2200 | rBV | 160685 | 346697 | 50.57% | 4.051% |
| 60 | 15.398 | 2241 | 2245 | 2250 | rVB | 91835 | 145272 | 21.19% | 1.697% |
| 61 | 15.457 | 2251 | 2255 | 2261 | rBV | 124000 | 192859 | 28.13% | 2.253% |
| 62 | 15.521 | 2262 | 2266 | 2271 | rBV | 147544 | 235765 | 34.39% | 2.755% |

Sum of corrected areas: 8559250

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
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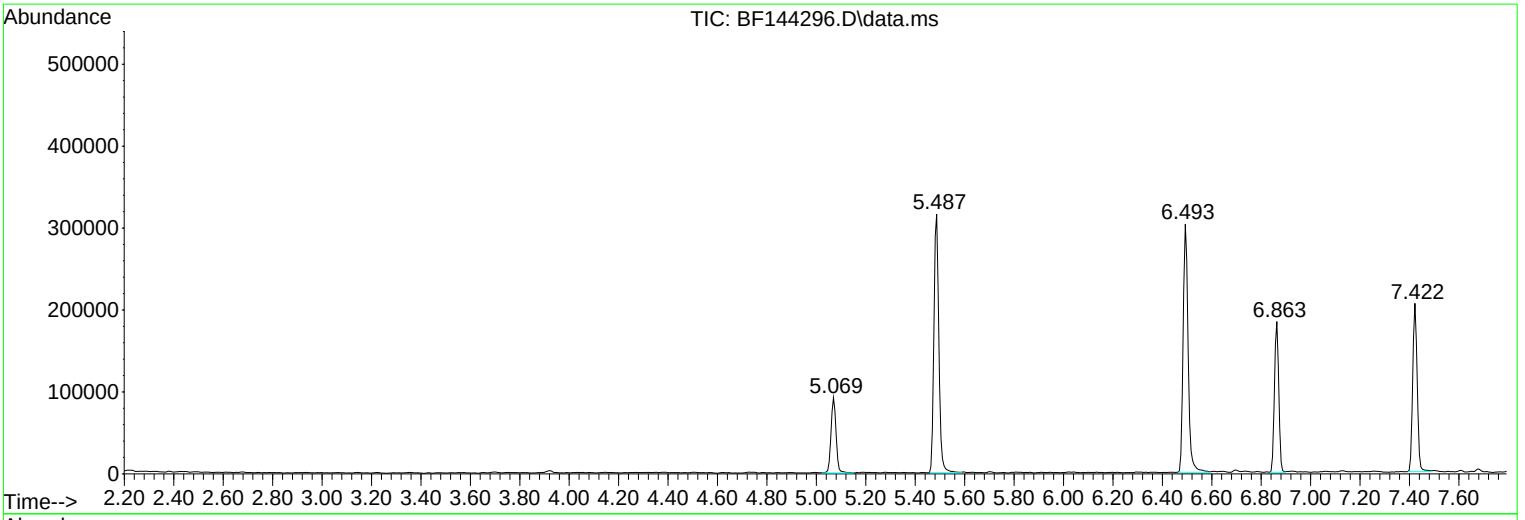
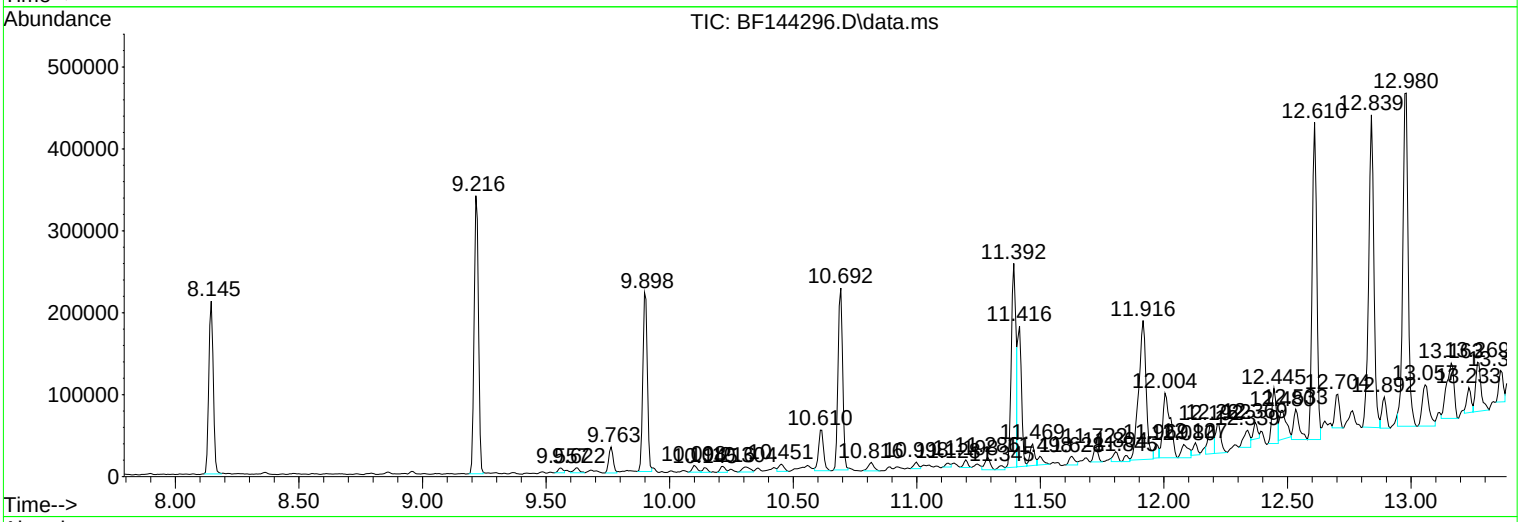
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

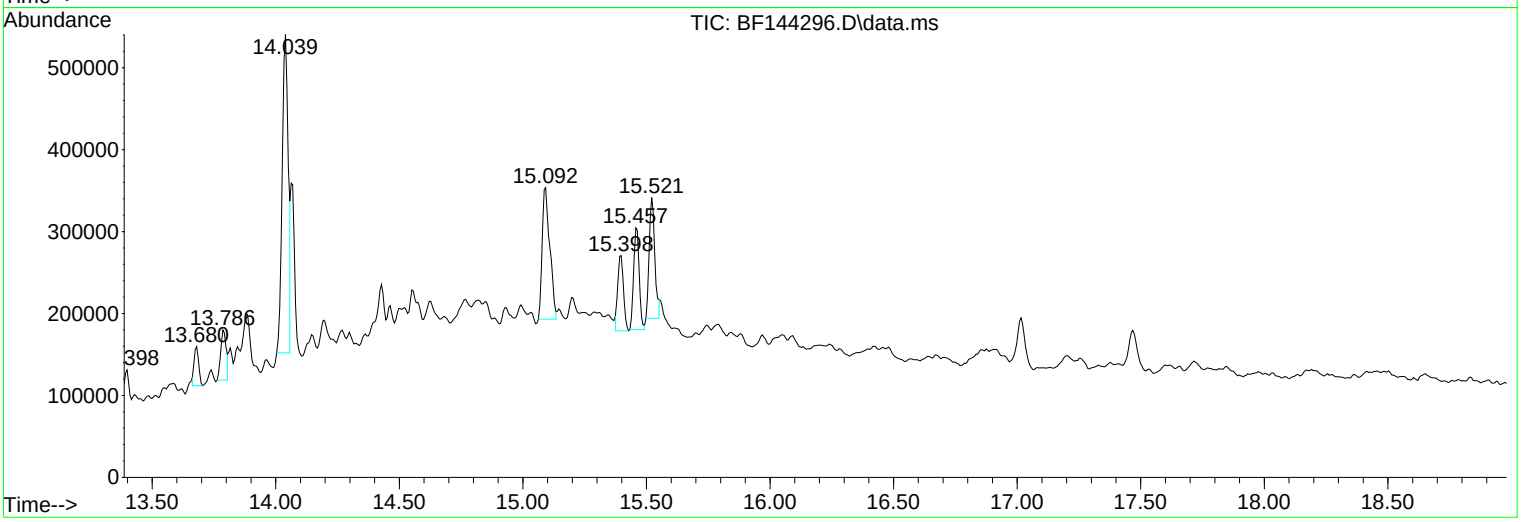
**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

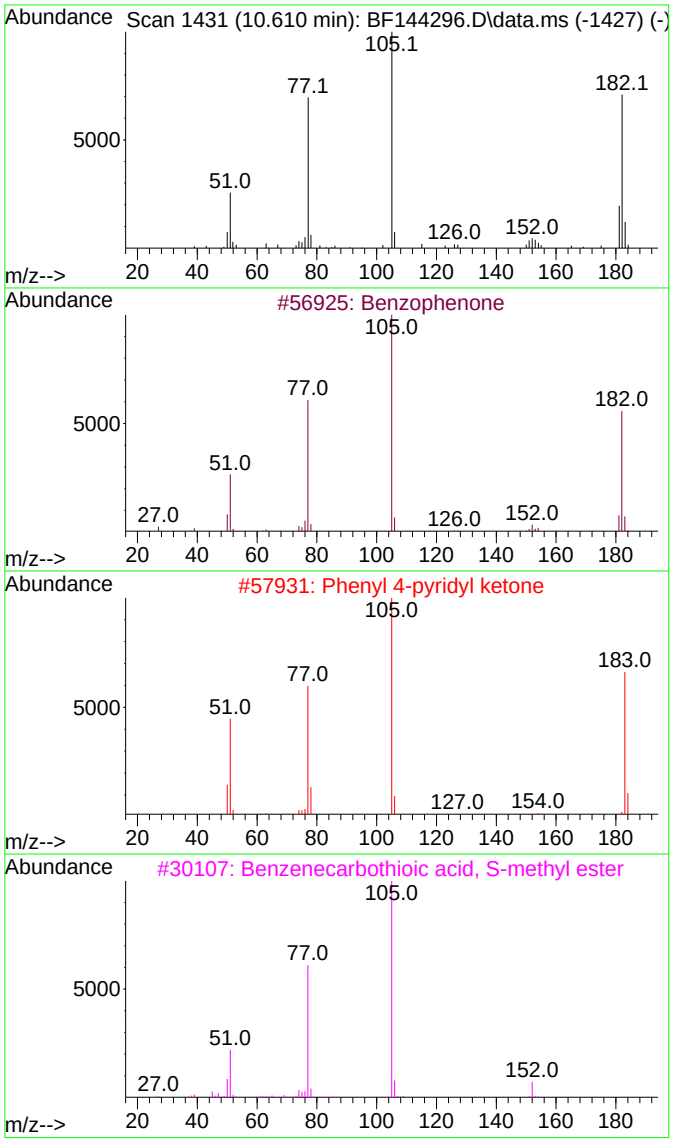
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

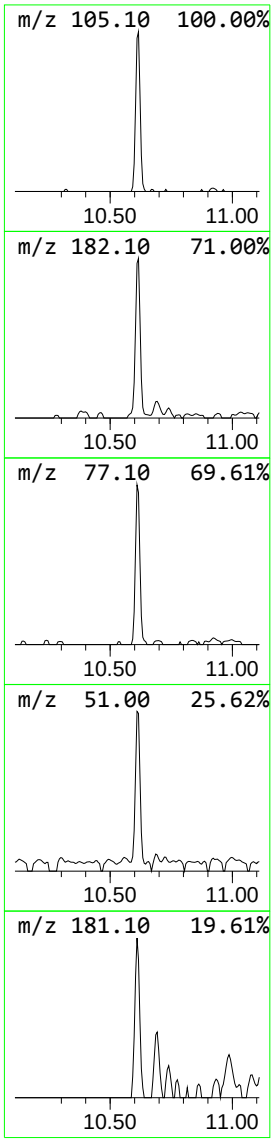
**********

Peak Number 2 Benzophenone Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.610 | 5.05 ng | 70791 | Acenaphthene-d10 | 9.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 93 |
| 2 | Phenyl 4-pyridyl ketone | 183 | C12H9NO | 014548-46-0 | 43 |
| 3 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 43 |
| 4 | 3,3'-Dimethylbiphenyl | 182 | C14H14 | 000612-75-9 | 38 |
| 5 | Benzoylformic acid | 150 | C8H6O3 | 000611-73-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

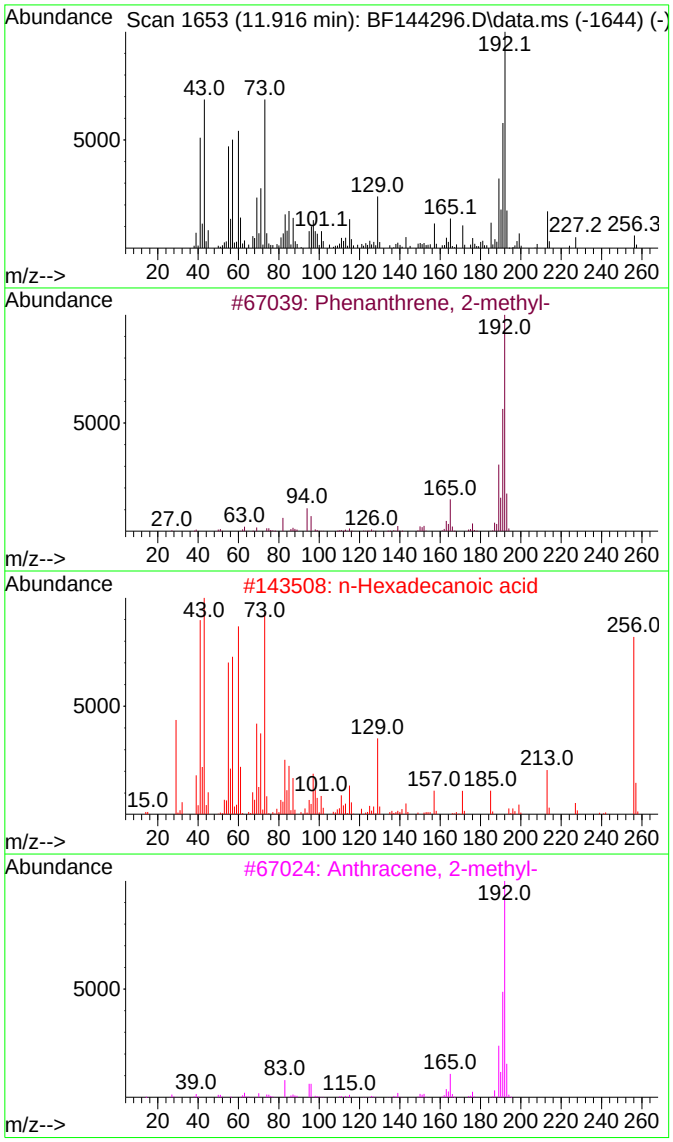
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

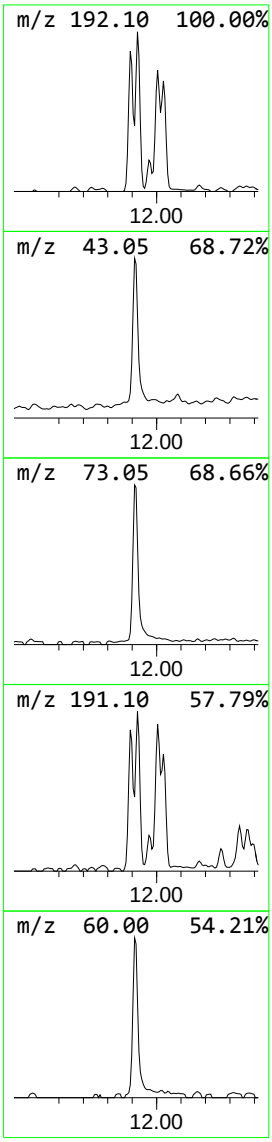
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.916 | 21.17 ng | 354292 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 92 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 91 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

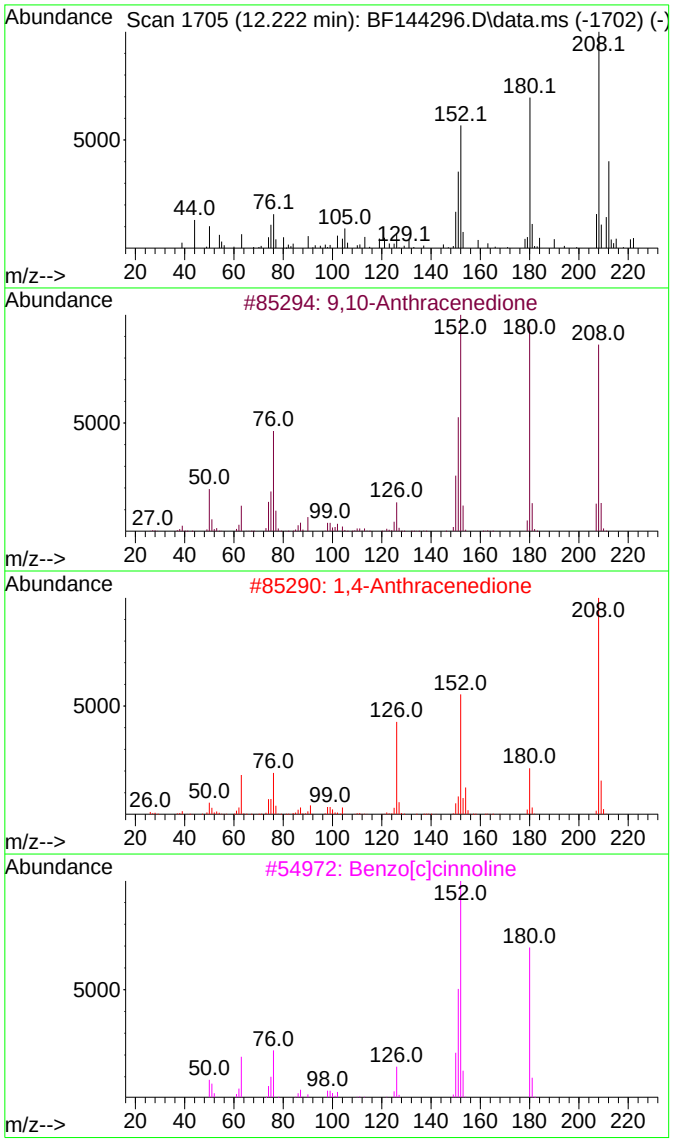
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

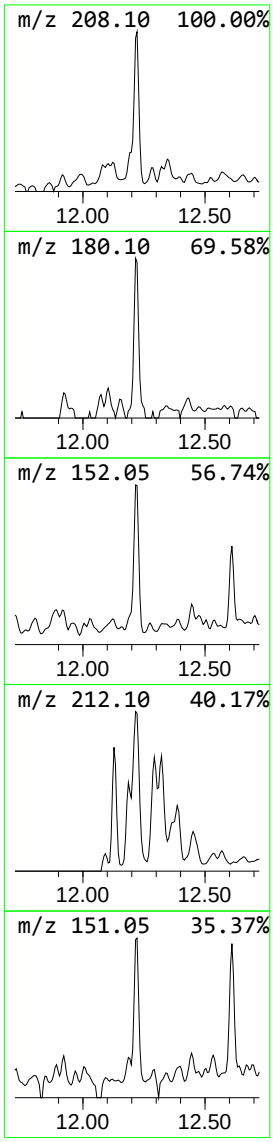
**********

Peak Number 7 9,10-Anthracenedione Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.222 | 3.07 ng | 51411 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 2 | 1,4-Anthracenedione | 208 | C14H8O2 | 000635-12-1 | 43 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 38 |
| 4 | 5,6,7,8-Tetrahydro-1-phenylnapht... | 208 | C16H16 | 067064-63-5 | 38 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

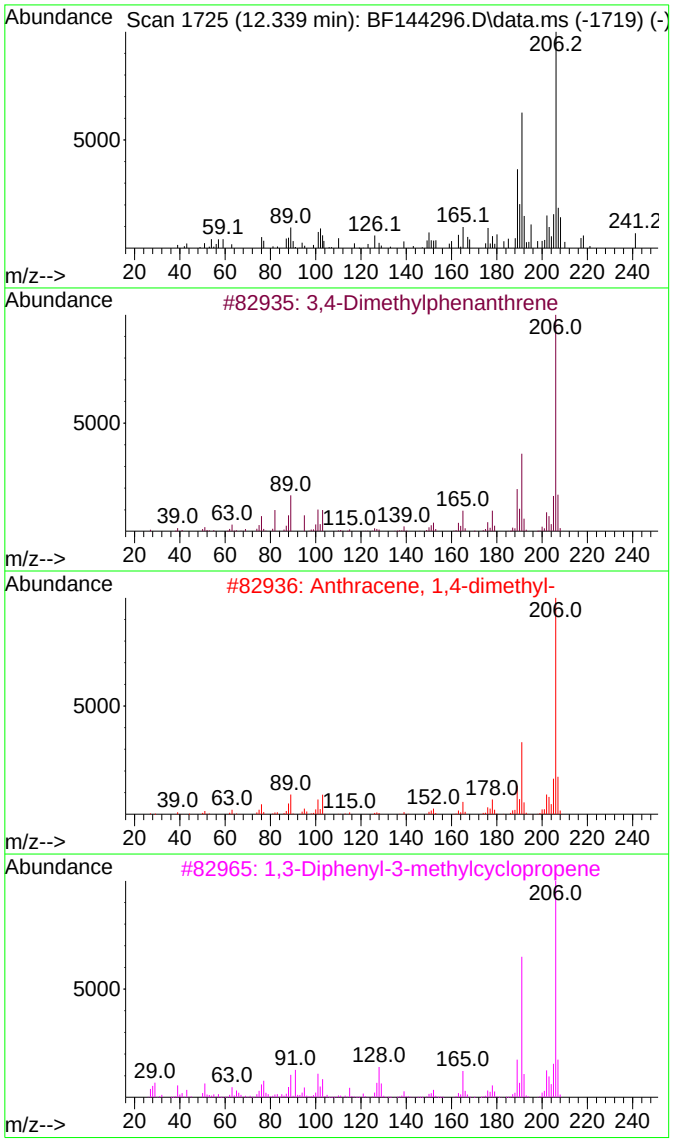
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

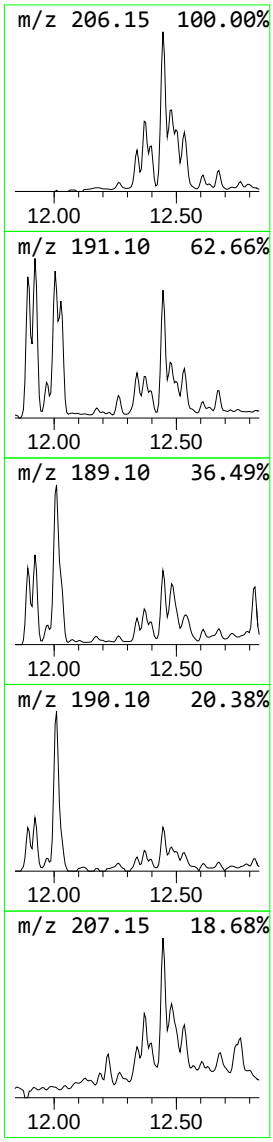
**********

Peak Number 8 3,4-Dimethylphenanthrene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.339 | 2.22 ng | 37119 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 93 |
| 2 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 92 |
| 3 | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14 | 086544-79-8 | 90 |
| 4 | 3-Methyl-1-phenyl-1H-indene | 206 | C16H14 | 022360-63-0 | 90 |
| 5 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

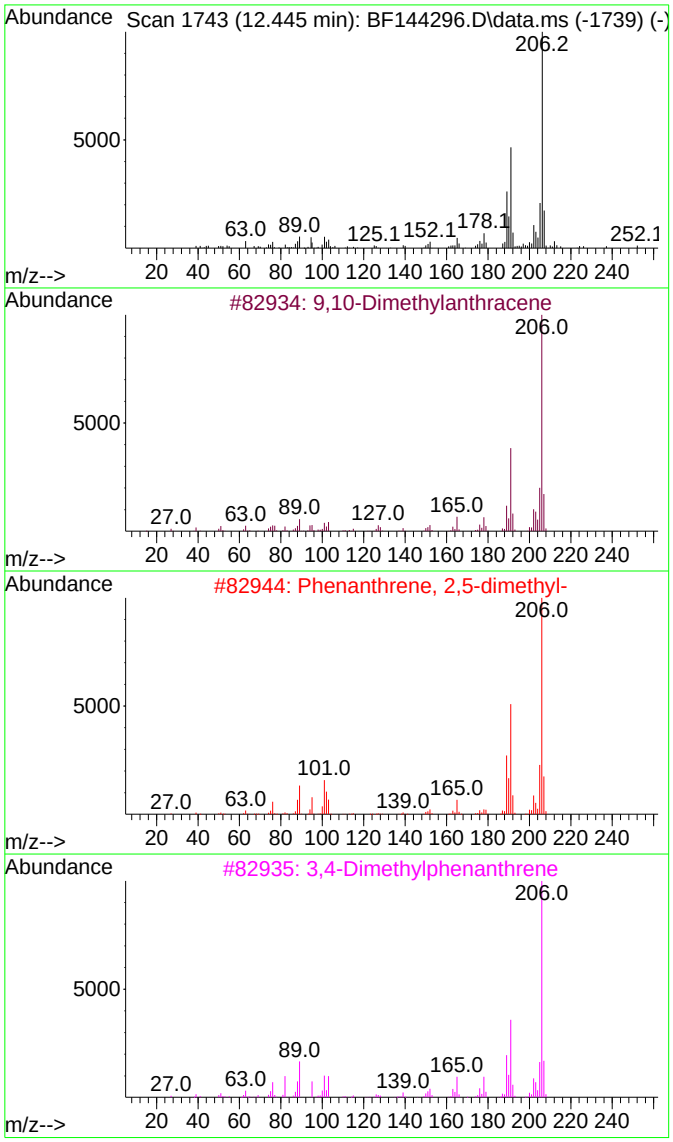
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

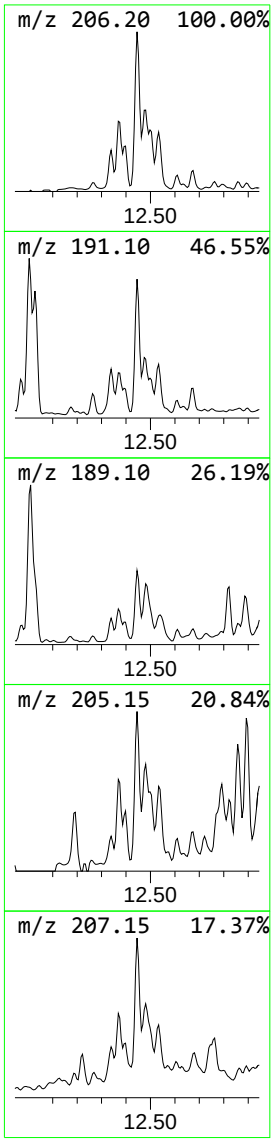
**********

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.445 | 5.49 ng | 91788 | Phenanthrene-d10 | 11.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 95 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 94 |
| 3 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 90 |
| 4 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

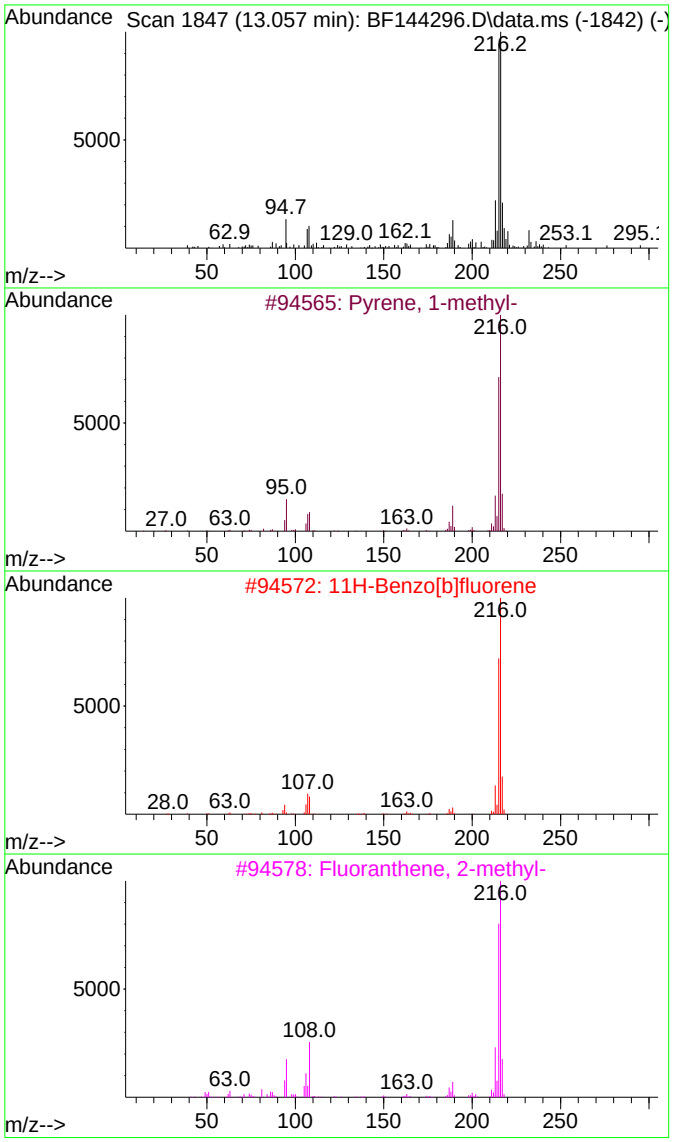
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

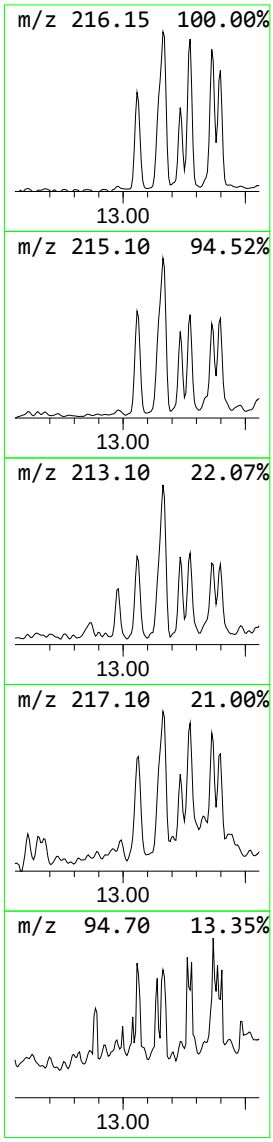
**********

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.057 | 2.85 ng | 97747 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 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 | 87 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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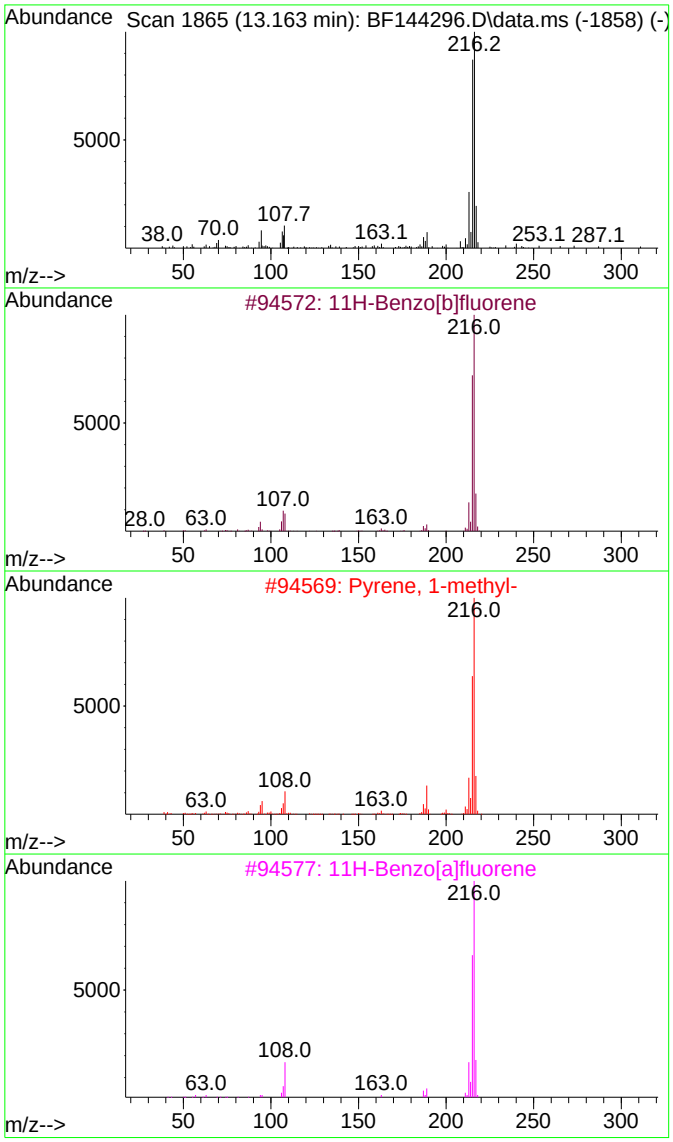
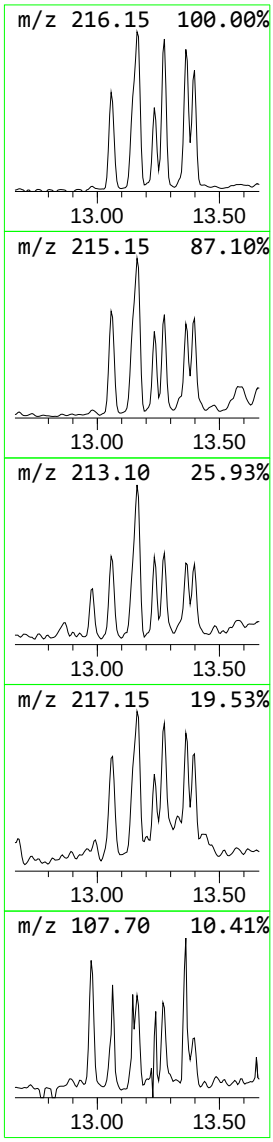
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.163 | 4.09 ng | 140268 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 93 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 91 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 90 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

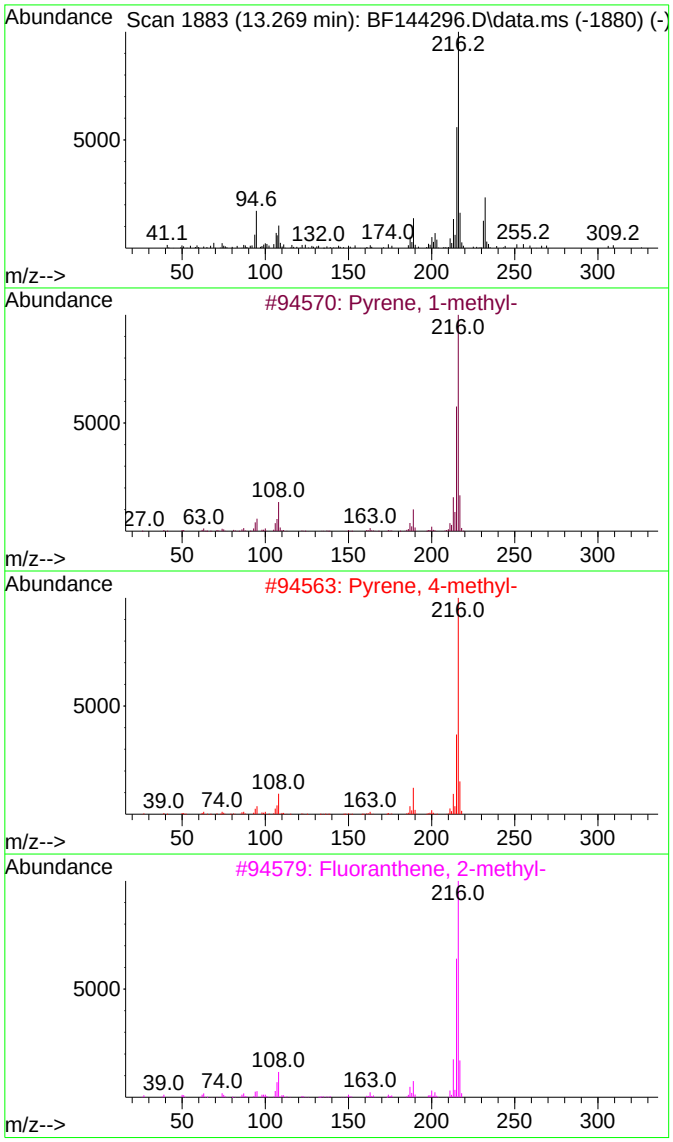
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

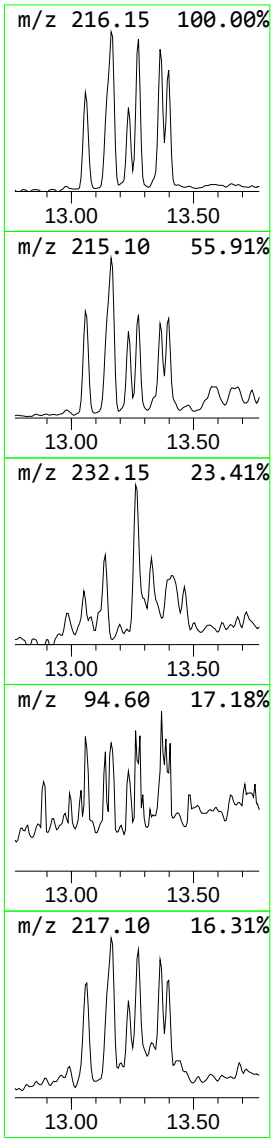
**********

Peak Number 15 Pyrene, 4-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.269 | 2.71 ng | 93061 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 93 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 92 |
| 4 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 89 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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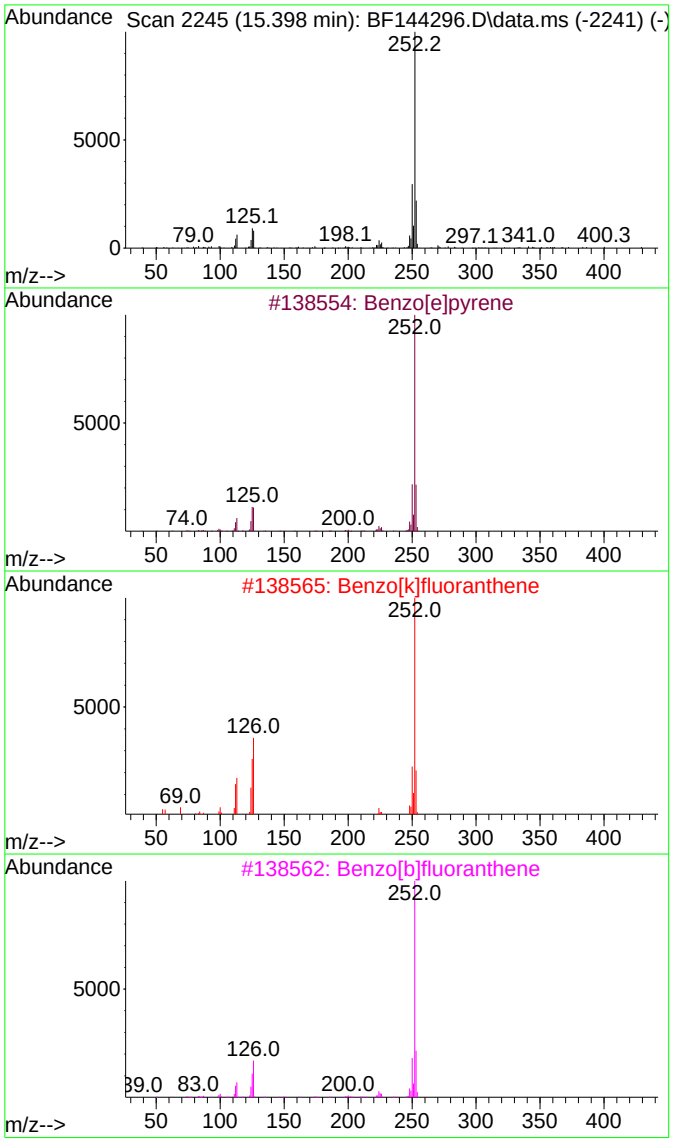
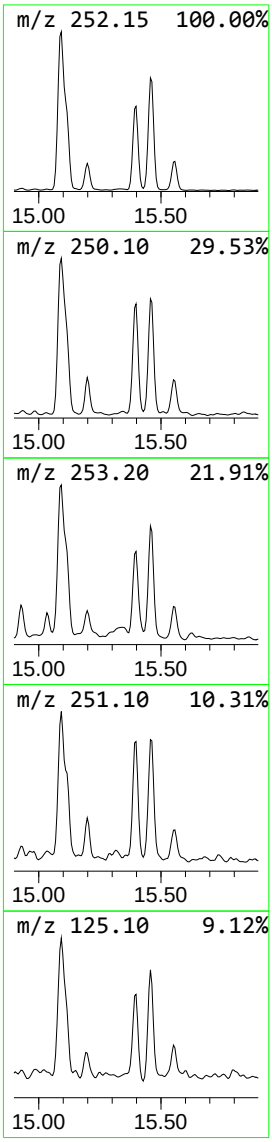
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.398 | 12.32 ng | 145272 | Perylene-d12 | 15.521 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 96 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 94 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 93 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 91 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144296.D
Acq On : 20 Nov 2025 15:59
Operator : RC/JU
Sample : Q3662-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B1-0.0-1.0-20251117

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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 |
| Benzophenone | 10.610 | 5.0 | ng | 70791 | 3 | 9.898 | 280262 | 20.0 |
| Phenanthrene, 2... | 11.916 | 21.2 | ng | 354292 | 4 | 11.392 | 334681 | 20.0 |
| 9,10-Anthracene... | 12.222 | 3.1 | ng | 51411 | 4 | 11.392 | 334681 | 20.0 |
| 3,4-Dimethylphe... | 12.339 | 2.2 | ng | 37119 | 4 | 11.392 | 334681 | 20.0 |
| 9,10-Dimethylan... | 12.445 | 5.5 | ng | 91788 | 4 | 11.392 | 334681 | 20.0 |
| Pyrene, 1-methyl- | 13.057 | 2.9 | ng | 97747 | 5 | 14.039 | 685615 | 20.0 |
| 11H-Benzo[b]flu... | 13.163 | 4.1 | ng | 140268 | 5 | 14.039 | 685615 | 20.0 |
| Pyrene, 4-methyl- | 13.269 | 2.7 | ng | 93061 | 5 | 14.039 | 685615 | 20.0 |
| Benzo[e]pyrene | 15.398 | 12.3 | ng | 145272 | 6 | 15.521 | 235765 | 20.0 |