LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-03-11142025

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: BF144268.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.928 | 290 | 295 | 300 | rVB | 4542 | 6843 | 1.29% | 0.113% |
| 2 | 5.487 | 555 | 560 | 577 | rBV | 137508 | 192766 | 36.35% | 3.190% |
| 3 | 6.498 | 727 | 732 | 746 | rBV | 126342 | 188550 | 35.55% | 3.120% |
| 4 | 6.863 | 789 | 794 | 800 | rBV | 231126 | 299514 | 56.48% | 4.956% |
| 5 | 7.134 | 835 | 840 | 843 | rBV3 | 4311 | 6349 | 1.20% | 0.105% |
| 6 | 7.428 | 885 | 890 | 894 | rBV | 78068 | 100203 | 18.89% | 1.658% |
| 7 | 7.510 | 899 | 904 | 907 | rVB4 | 5821 | 8782 | 1.66% | 0.145% |
| 8 | 7.563 | 907 | 913 | 917 | rBV5 | 2071 | 5383 | 1.02% | 0.089% |
| 9 | 7.669 | 928 | 931 | 939 | rVB5 | 10480 | 16196 | 3.05% | 0.268% |
| 10 | 7.786 | 939 | 951 | 955 | rBV8 | 9204 | 23688 | 4.47% | 0.392% |
| 11 | 7.886 | 966 | 968 | 975 | rVV6 | 3732 | 7188 | 1.36% | 0.119% |
| 12 | 7.963 | 979 | 981 | 987 | rVB5 | 4273 | 7282 | 1.37% | 0.120% |
| 13 | 8.151 | 1005 | 1013 | 1019 | rBV | 242600 | 341099 | 64.32% | 5.644% |
| 14 | 8.198 | 1019 | 1021 | 1025 | rVB2 | 11487 | 13873 | 2.62% | 0.230% |
| 15 | 8.234 | 1025 | 1027 | 1034 | rVB8 | 4813 | 7429 | 1.40% | 0.123% |
| 16 | 8.345 | 1044 | 1046 | 1049 | rVB3 | 6209 | 6379 | 1.20% | 0.106% |
| 17 | 8.439 | 1057 | 1062 | 1066 | rBV5 | 12058 | 18188 | 3.43% | 0.301% |
| 18 | 8.528 | 1074 | 1077 | 1080 | rBV4 | 5501 | 6922 | 1.31% | 0.115% |
| 19 | 8.563 | 1080 | 1083 | 1085 | rBV | 7875 | 8557 | 1.61% | 0.142% |
| 20 | 8.651 | 1094 | 1098 | 1101 | rBV3 | 13591 | 17341 | 3.27% | 0.287% |
| 21 | 8.733 | 1108 | 1112 | 1116 | rBV | 24723 | 30941 | 5.83% | 0.512% |
| 22 | 8.775 | 1116 | 1119 | 1121 | rBV4 | 4657 | 6248 | 1.18% | 0.103% |
| 23 | 8.898 | 1137 | 1140 | 1142 | rBV4 | 4102 | 5325 | 1.00% | 0.088% |
| 24 | 8.969 | 1148 | 1152 | 1156 | rBV3 | 20298 | 27441 | 5.17% | 0.454% |
| 25 | 9.098 | 1170 | 1174 | 1179 | rBV7 | 11296 | 18141 | 3.42% | 0.300% |
| 26 | 9.163 | 1182 | 1185 | 1191 | rVB3 | 15499 | 19569 | 3.69% | 0.324% |
| 27 | 9.222 | 1191 | 1195 | 1200 | rBV | 166110 | 202925 | 38.26% | 3.358% |
| 28 | 9.298 | 1204 | 1208 | 1213 | rBV | 46309 | 60144 | 11.34% | 0.995% |
| 29 | 9.375 | 1218 | 1221 | 1224 | rVB2 | 12702 | 15202 | 2.87% | 0.252% |
| 30 | 9.486 | 1238 | 1240 | 1245 | rVB5 | 9614 | 12531 | 2.36% | 0.207% |
| 31 | 9.563 | 1246 | 1253 | 1259 | rBV5 | 23986 | 61318 | 11.56% | 1.015% |
| 32 | 9.622 | 1259 | 1263 | 1266 | rVV3 | 34014 | 56658 | 10.68% | 0.938% |
| 33 | 9.680 | 1270 | 1273 | 1277 | rVB3 | 17957 | 21448 | 4.04% | 0.355% |
| 34 | 9.769 | 1284 | 1288 | 1292 | rBV2 | 20733 | 30747 | 5.80% | 0.509% |
| 35 | 9.833 | 1294 | 1299 | 1303 | rVB | 55688 | 74860 | 14.12% | 1.239% |
| 36 | 9.904 | 1307 | 1311 | 1315 | rVV | 225702 | 282477 | 53.26% | 4.674% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
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Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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 | 10.010 | 1326 | 1329 | 1333 | rVB3 | 10517 | 12714 | 2.40% | 0.210% |
| 38 | 10.063 | 1334 | 1338 | 1340 | rBV3 | 11977 | 18611 | 3.51% | 0.308% |
| 39 | 10.151 | 1350 | 1353 | 1358 | rBV4 | 20730 | 26938 | 5.08% | 0.446% |
| 40 | 10.222 | 1362 | 1365 | 1368 | rBV3 | 15257 | 23433 | 4.42% | 0.388% |
| 41 | 10.333 | 1377 | 1384 | 1388 | rBV | 74660 | 112008 | 21.12% | 1.853% |
| 42 | 10.457 | 1401 | 1405 | 1410 | rBV3 | 17766 | 27265 | 5.14% | 0.451% |
| 43 | 10.551 | 1416 | 1421 | 1427 | rVB | 38947 | 66012 | 12.45% | 1.092% |
| 44 | 10.616 | 1427 | 1432 | 1439 | rBV3 | 17414 | 35016 | 6.60% | 0.579% |
| 45 | 10.698 | 1442 | 1446 | 1451 | rVB | 80296 | 98699 | 18.61% | 1.633% |
| 46 | 10.810 | 1460 | 1465 | 1473 | rVB | 94152 | 167867 | 31.65% | 2.778% |
| 47 | 10.998 | 1494 | 1497 | 1500 | rBV2 | 17438 | 25473 | 4.80% | 0.422% |
| 48 | 11.033 | 1500 | 1503 | 1506 | rVV3 | 19025 | 24739 | 4.66% | 0.409% |
| 49 | 11.086 | 1510 | 1512 | 1515 | rVB3 | 9743 | 10065 | 1.90% | 0.167% |
| 50 | 11.251 | 1536 | 1540 | 1543 | rBV | 61922 | 85064 | 16.04% | 1.408% |
| 51 | 11.286 | 1543 | 1546 | 1552 | rVB2 | 42964 | 66568 | 12.55% | 1.101% |
| 52 | 11.398 | 1560 | 1565 | 1568 | rBV | 232131 | 350754 | 66.14% | 5.804% |
| 53 | 11.474 | 1575 | 1578 | 1581 | rBV | 17654 | 17931 | 3.38% | 0.297% |
| 54 | 11.633 | 1601 | 1605 | 1609 | rBV6 | 16761 | 26571 | 5.01% | 0.440% |
| 55 | 11.680 | 1609 | 1613 | 1618 | rVV2 | 56771 | 78083 | 14.72% | 1.292% |
| 56 | 11.727 | 1618 | 1621 | 1626 | rVB | 19756 | 28260 | 5.33% | 0.468% |
| 57 | 11.927 | 1646 | 1655 | 1660 | rBV2 | 64503 | 152881 | 28.83% | 2.530% |
| 58 | 11.974 | 1660 | 1663 | 1665 | rVV2 | 16902 | 19972 | 3.77% | 0.330% |
| 59 | 12.010 | 1665 | 1669 | 1677 | rVB3 | 65304 | 140501 | 26.49% | 2.325% |
| 60 | 12.092 | 1679 | 1683 | 1687 | rBV | 45829 | 59354 | 11.19% | 0.982% |
| 61 | 12.198 | 1697 | 1701 | 1703 | rBV | 20995 | 27587 | 5.20% | 0.456% |
| 62 | 12.374 | 1728 | 1731 | 1734 | rBV2 | 20074 | 23787 | 4.49% | 0.394% |
| 63 | 12.451 | 1739 | 1744 | 1746 | rBV | 56085 | 81921 | 15.45% | 1.356% |
| 64 | 12.480 | 1746 | 1749 | 1756 | rVB4 | 73390 | 129471 | 24.41% | 2.142% |
| 65 | 12.539 | 1756 | 1759 | 1763 | rBV3 | 14511 | 20008 | 3.77% | 0.331% |
| 66 | 12.616 | 1768 | 1772 | 1776 | rBV | 172570 | 214692 | 40.48% | 3.552% |
| 67 | 12.845 | 1805 | 1811 | 1817 | rBV | 223672 | 344105 | 64.88% | 5.694% |
| 68 | 12.898 | 1817 | 1820 | 1824 | rVV2 | 20093 | 25956 | 4.89% | 0.429% |
| 69 | 12.980 | 1830 | 1834 | 1843 | rVB | 164185 | 249551 | 47.05% | 4.129% |
| 70 | 13.063 | 1844 | 1848 | 1854 | rBV3 | 31038 | 63738 | 12.02% | 1.055% |
| 71 | 13.168 | 1860 | 1866 | 1870 | rBV3 | 47487 | 85981 | 16.21% | 1.423% |
| 72 | 13.210 | 1870 | 1873 | 1875 | rBV | 23999 | 28579 | 5.39% | 0.473% |
| 73 | 13.274 | 1881 | 1884 | 1892 | rBV2 | 39238 | 57078 | 10.76% | 0.944% |
| 74 | 13.374 | 1898 | 1901 | 1903 | rBV | 22990 | 25462 | 4.80% | 0.421% |
| 75 | 13.404 | 1903 | 1906 | 1909 | rVB2 | 22970 | 24558 | 4.63% | 0.406% |
| 76 | 14.045 | 2010 | 2015 | 2027 | rVB2 | 258753 | 530344 | 100.00% | 8.776% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.527 | 2263 | 2267 | 2276 | rVB | 136797 | 227308 | 42.86% | 3.761% |

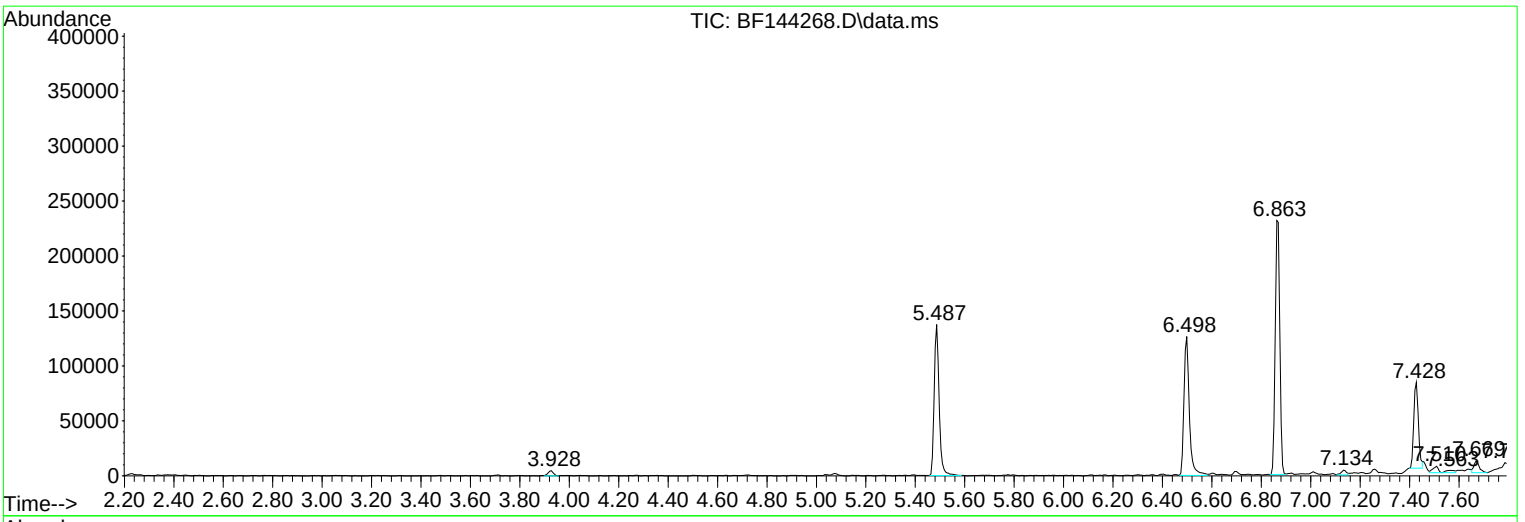
Sum of corrected areas: 6043412

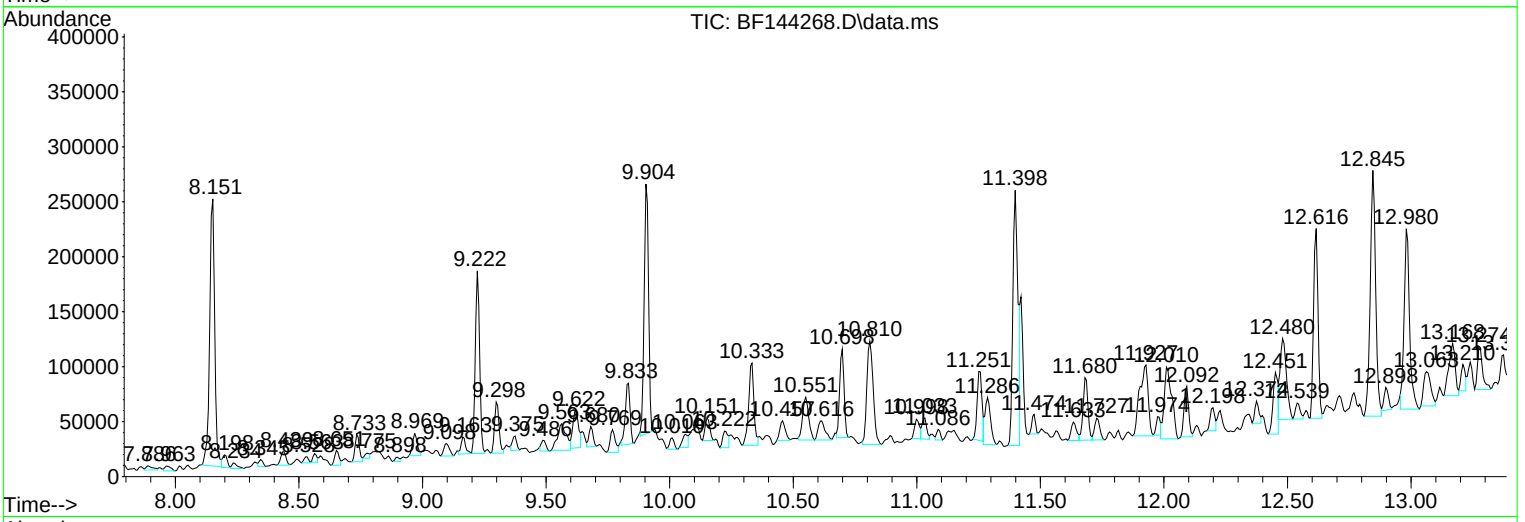
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

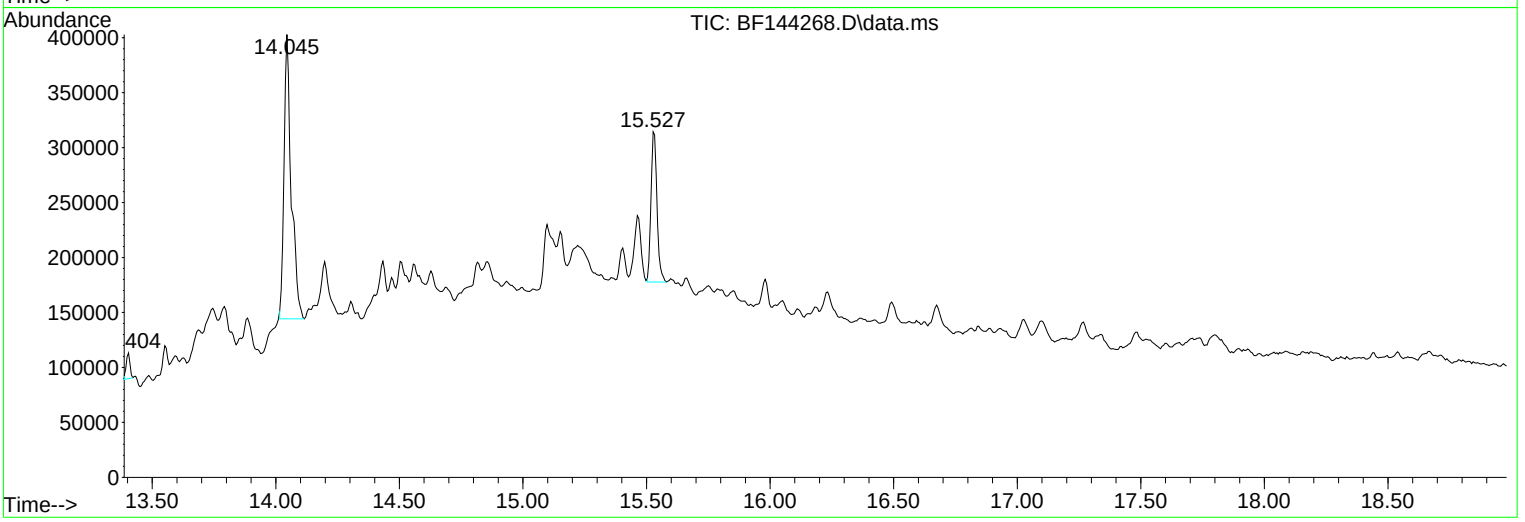
**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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

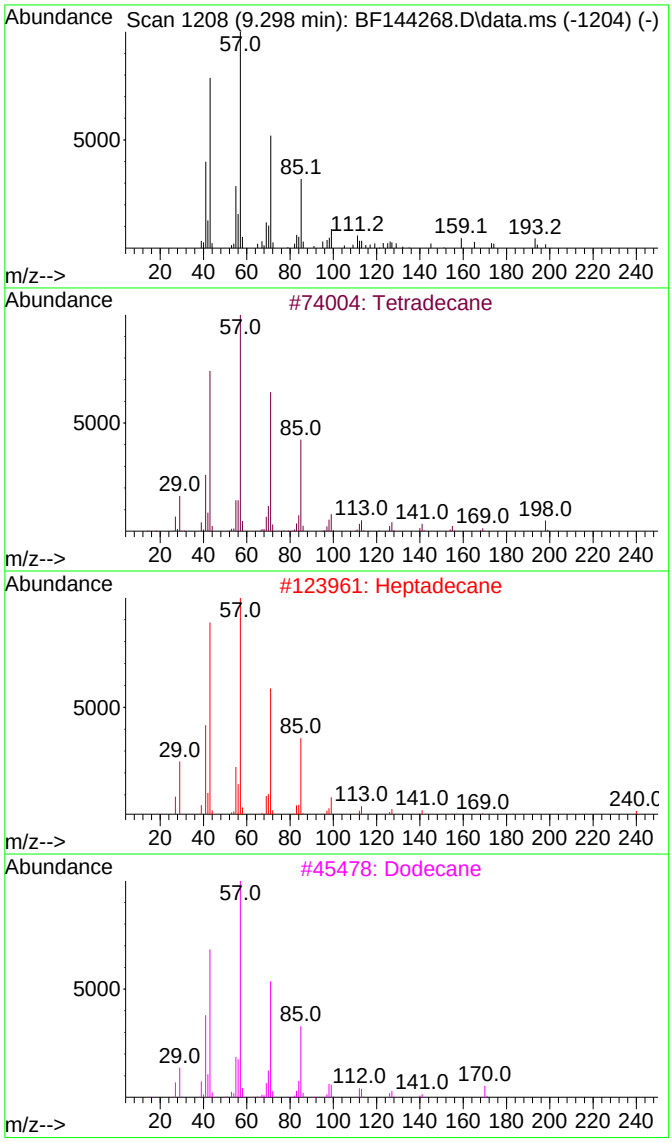
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

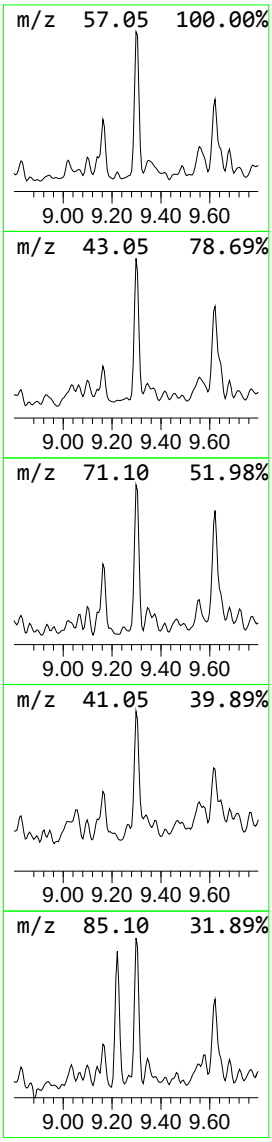
**********

Peak Number 1 Tetradecane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.298 | 4.26 ng | 60144 | Acenaphthene-d10 | 9.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 72 |
| 3 | Dodecane | 170 | C12H26 | 000112-40-3 | 72 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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

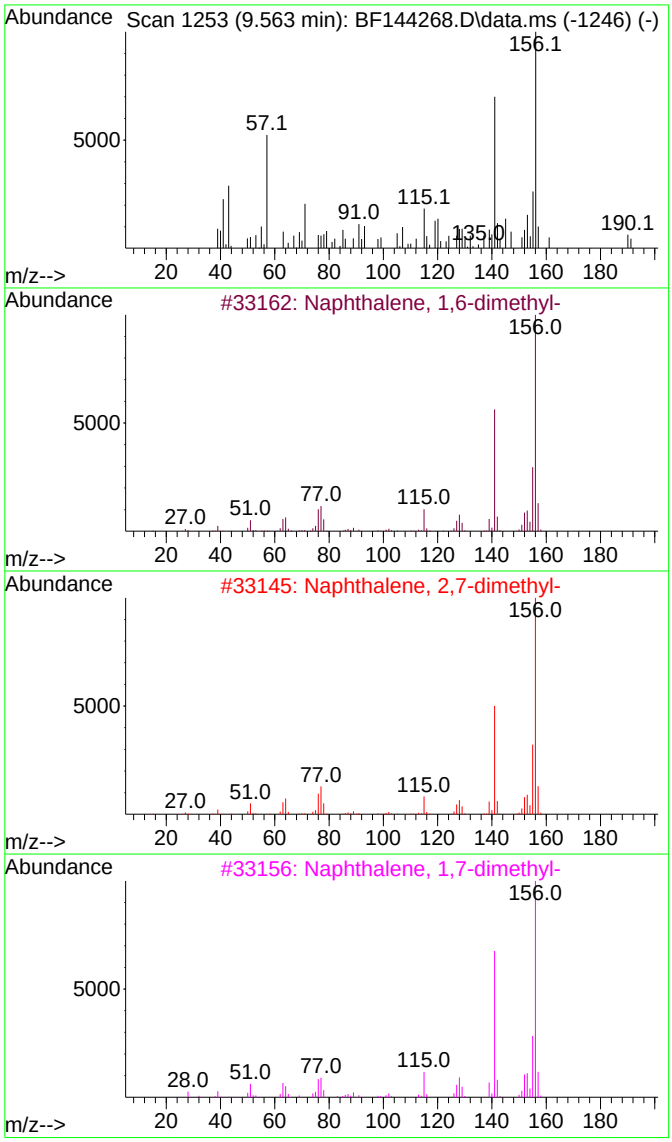
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

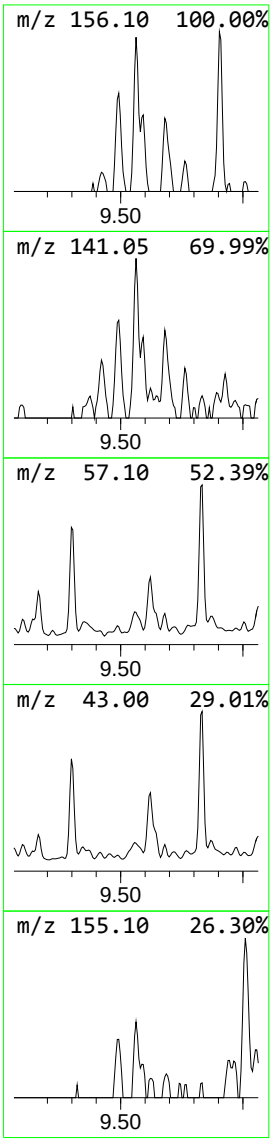
**********

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.563 | 4.34 ng | 61318 | Acenaphthene-d10 | 9.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 94 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 93 |
| 5 | Naphthalene, 1,8-dimethyl- | 156 | C12H12 | 000569-41-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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

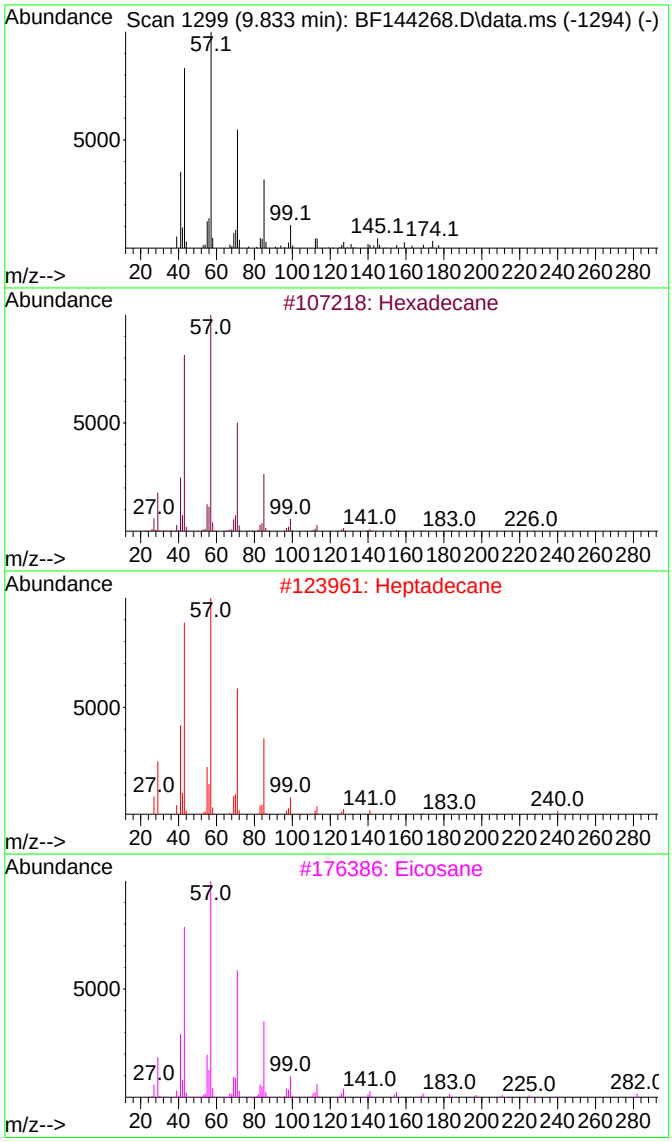
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

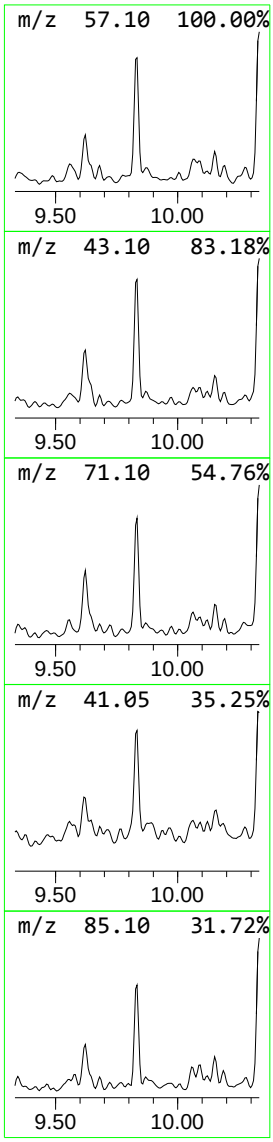
**********

Peak Number 5 Hexadecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.833 | 5.30 ng | 74860 | Acenaphthene-d10 | 9.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 80 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 80 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 74 |
| 5 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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

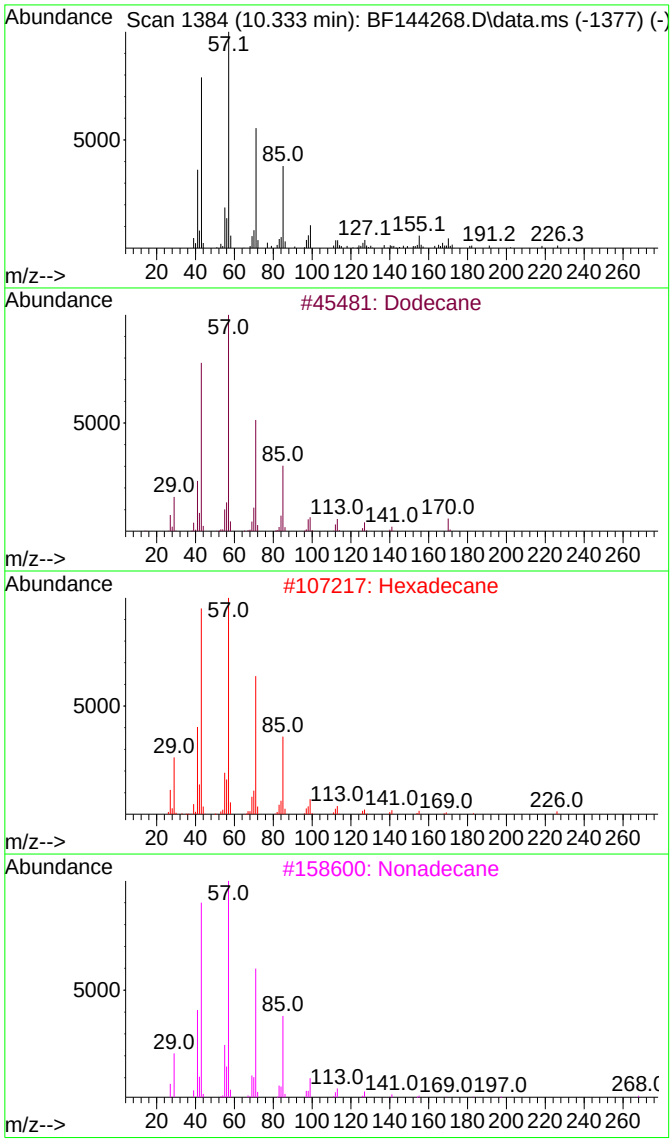
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

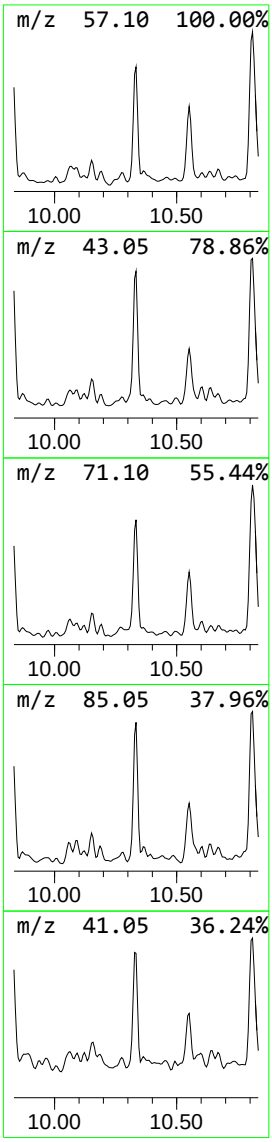
**********

Peak Number 6 Dodecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.333 | 7.93 ng | 112008 | Acenaphthene-d10 | 9.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane | 170 | C12H26 | 000112-40-3 | 87 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 80 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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

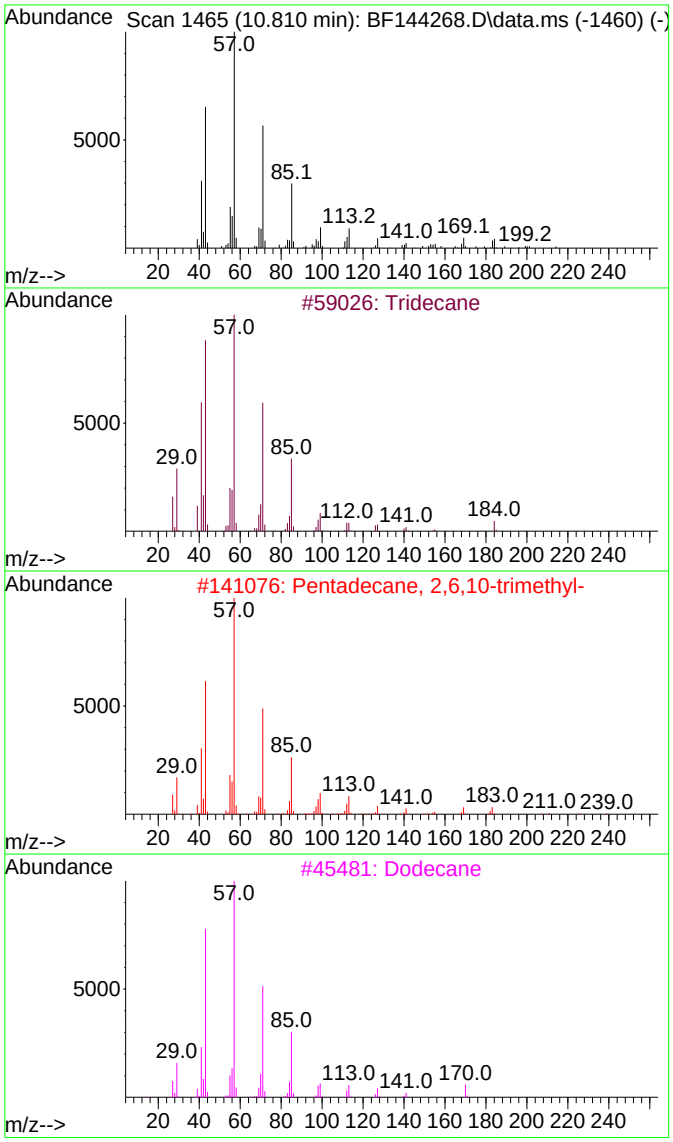
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

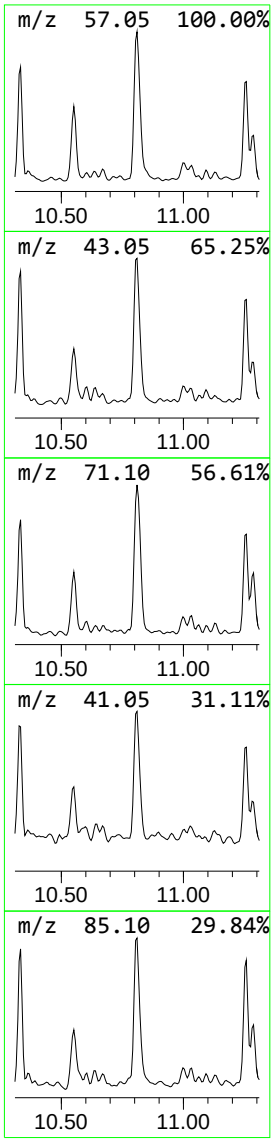
**********

Peak Number 9 Tridecane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.810 | 9.57 ng | 167867 | Phenanthrene-d10 | 11.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 91 |
| 2 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 90 |
| 3 | Dodecane | 170 | C12H26 | 000112-40-3 | 83 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 83 |
| 5 | Decane, 3,6-dimethyl- | 170 | C12H26 | 017312-53-7 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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

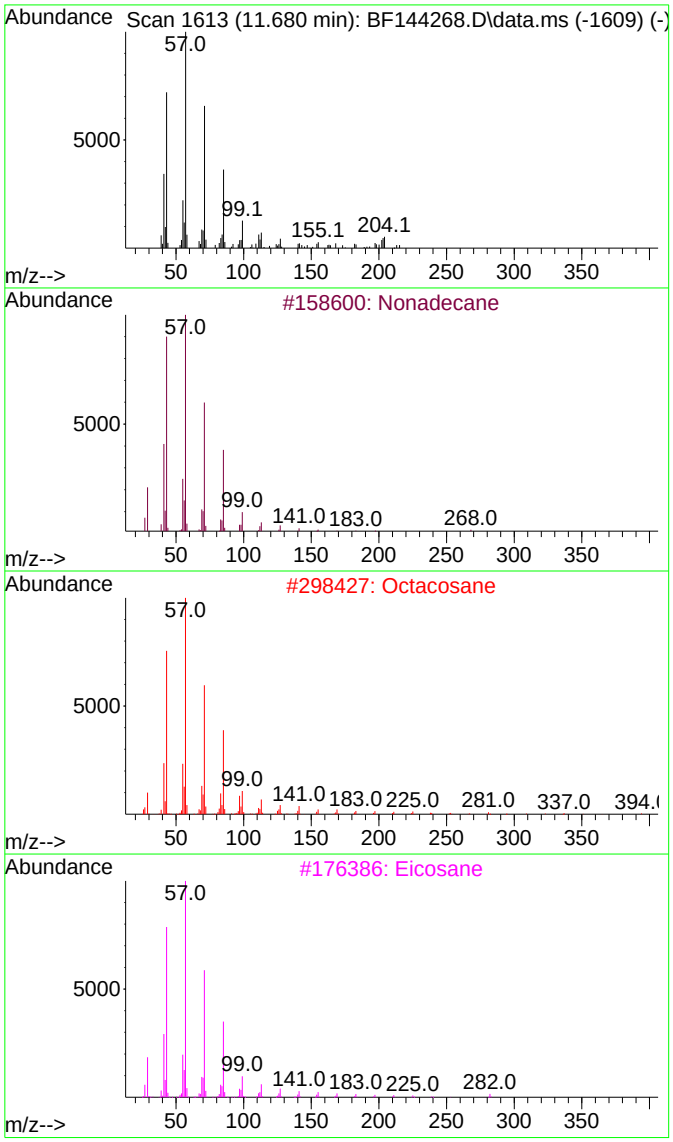
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

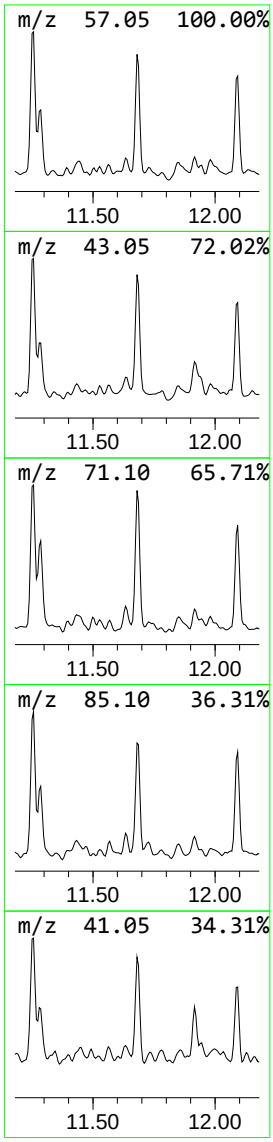
**********

Peak Number 12 Nonadecane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.680 | 4.45 ng | 78083 | Phenanthrene-d10 | 11.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 83 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 83 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 83 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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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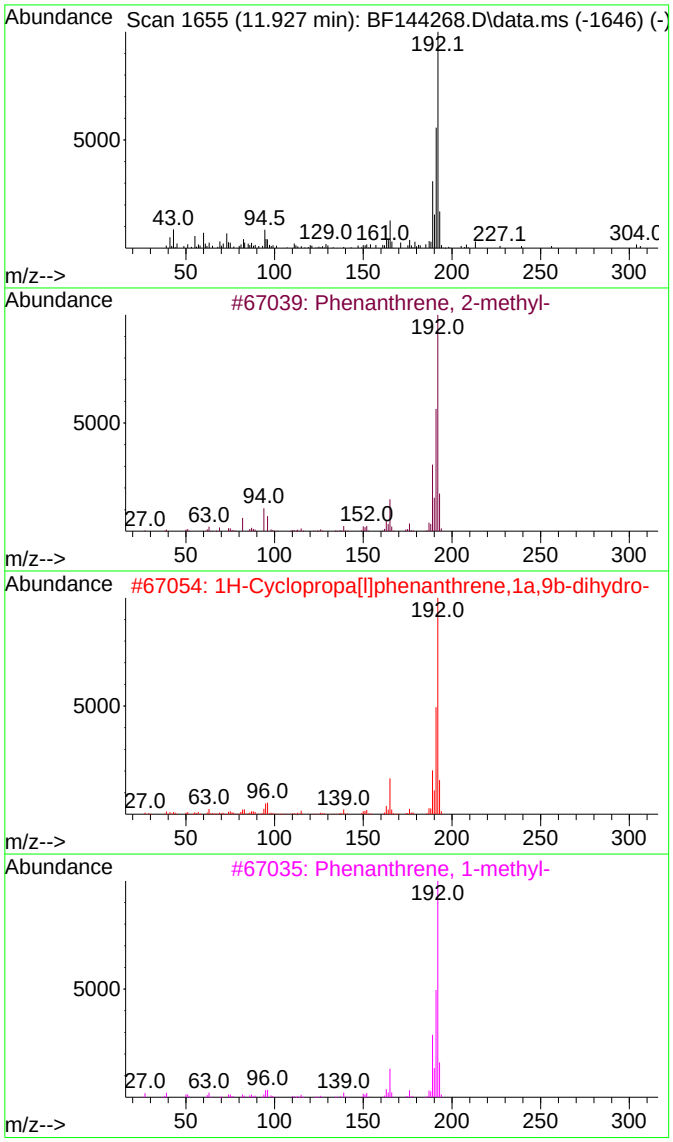
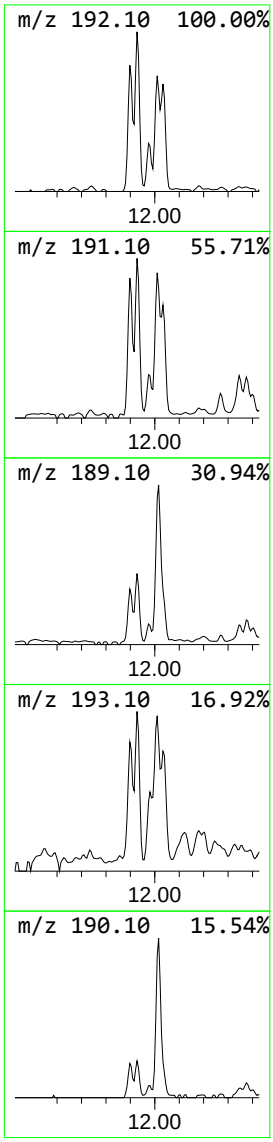
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.927 | 8.72 ng | 152881 | Phenanthrene-d10 | 11.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 95 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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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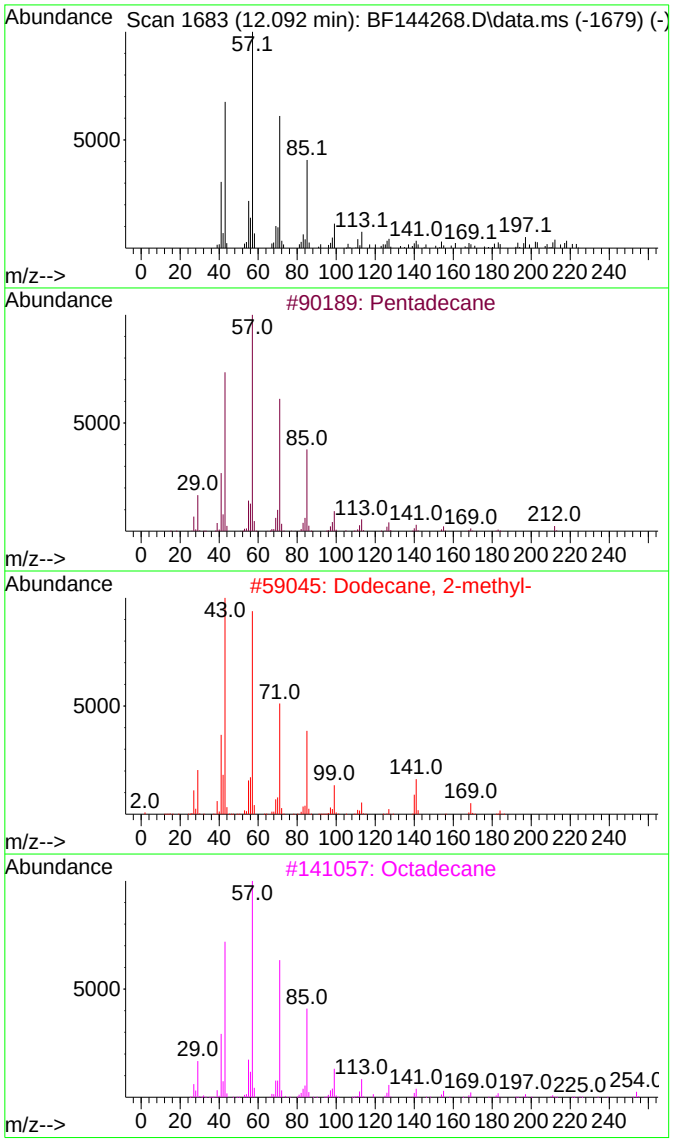
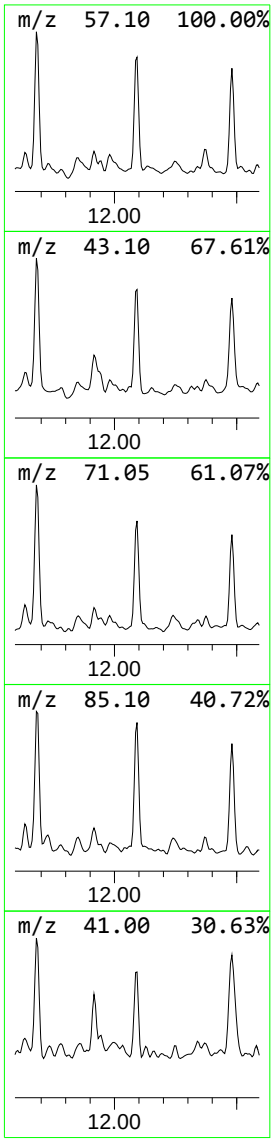
Peak Number 15 Pentadecane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.092 | 3.38 ng | 59354 | Phenanthrene-d10 | 11.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane | 212 | C15H32 | 000629-62-9 | 93 |
| 2 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 83 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 83 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 80 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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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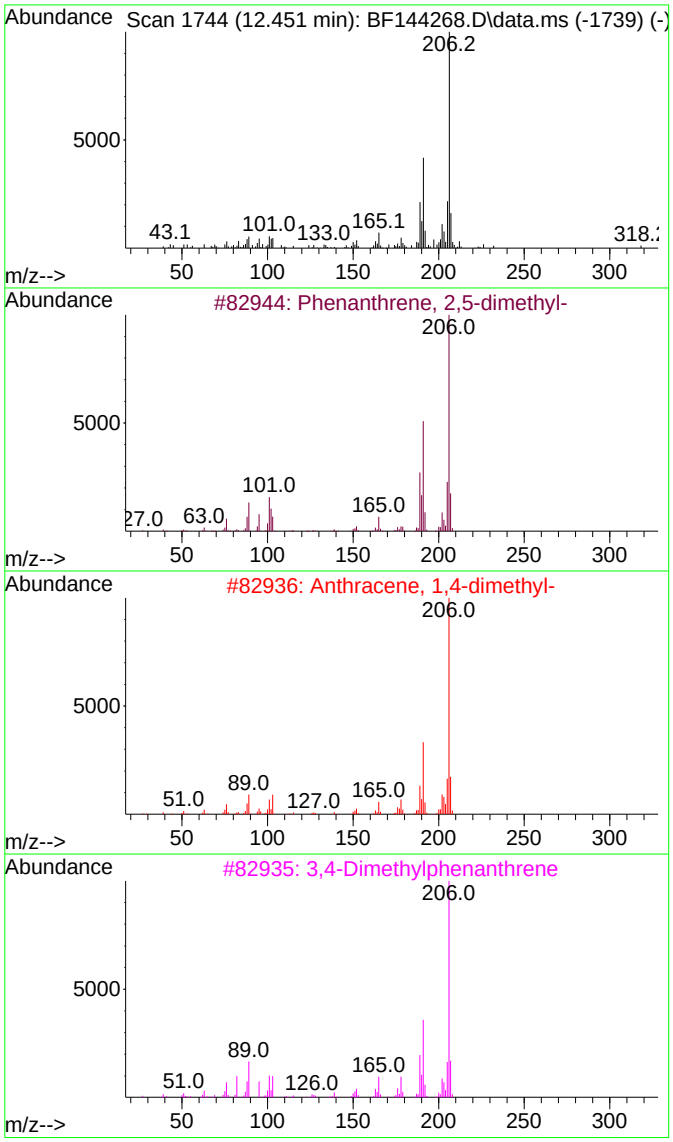
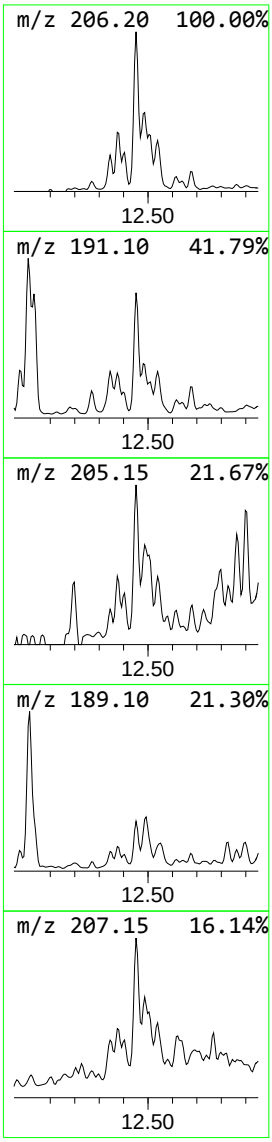
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.451 | 4.67 ng | 81921 | Phenanthrene-d10 | 11.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 95 |
| 2 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 93 |
| 3 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 93 |
| 4 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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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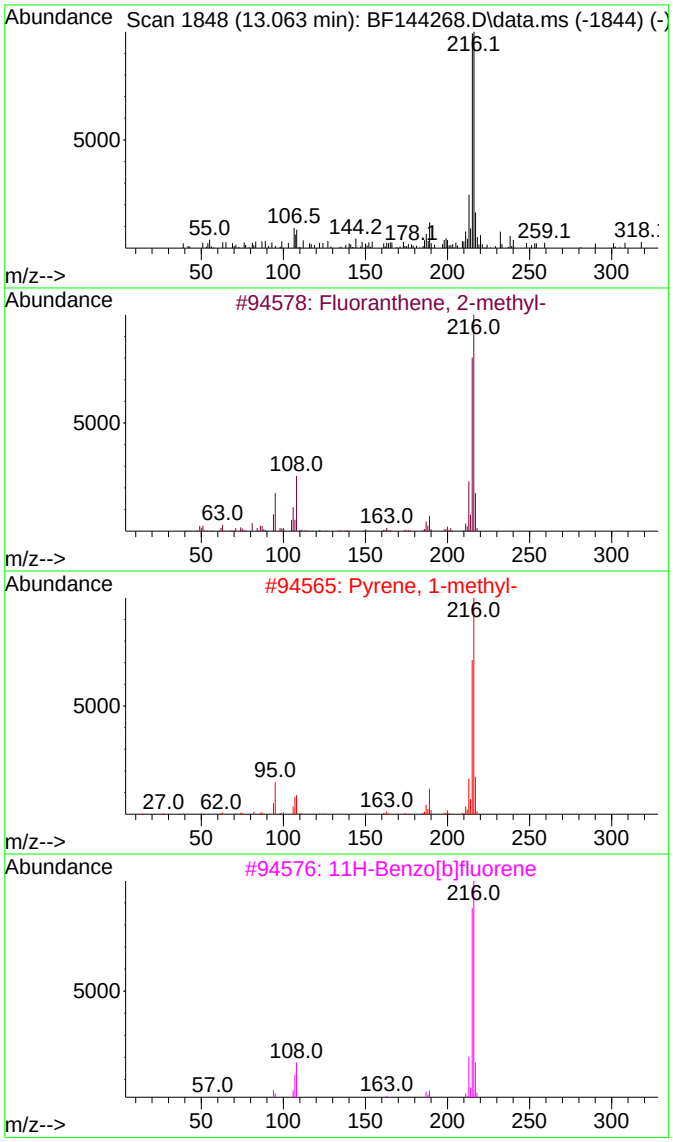
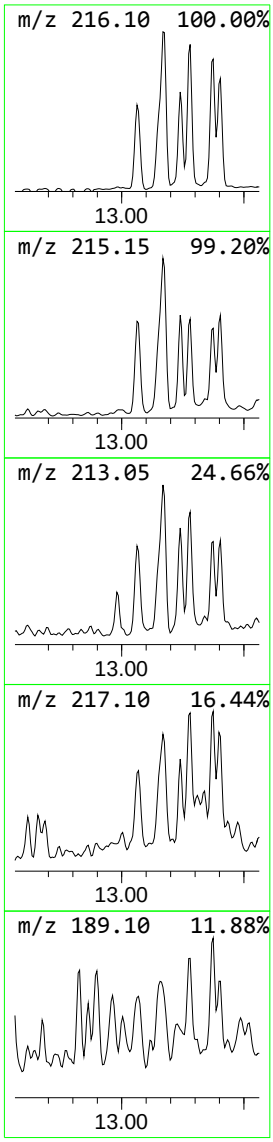
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.063 | 2.40 ng | 63738 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 87 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 74 |
| 4 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 58 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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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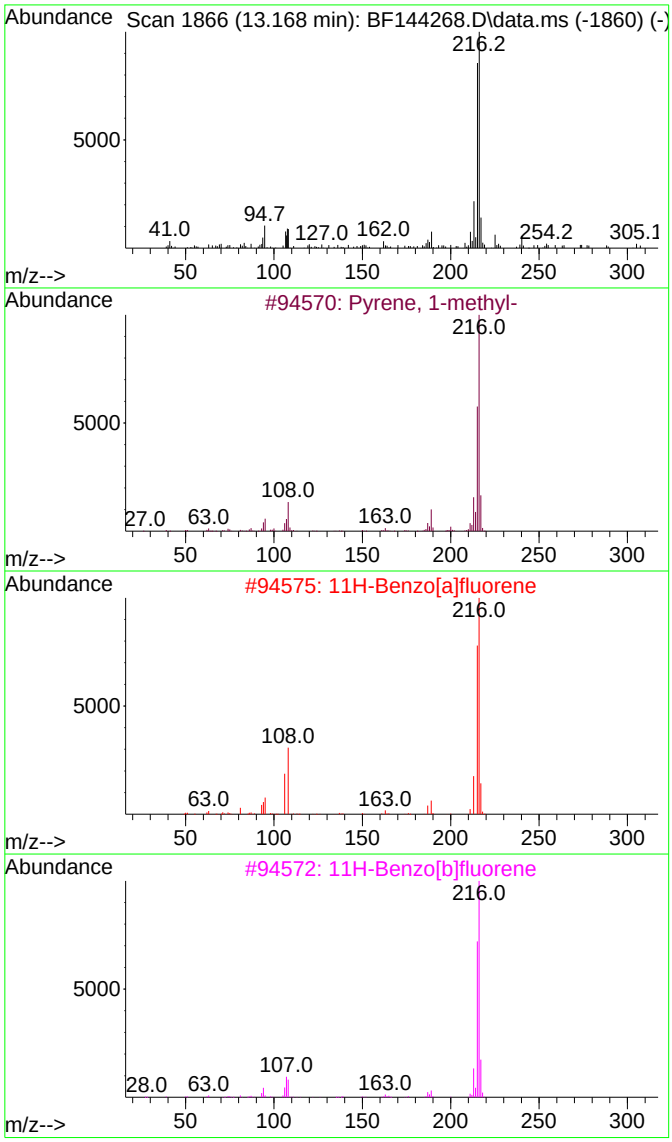
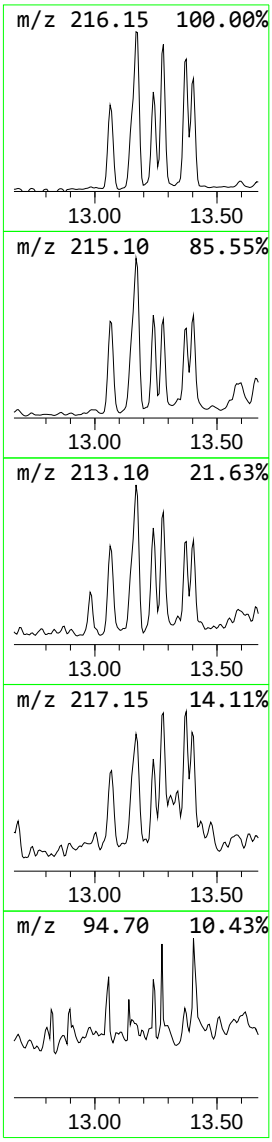
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.169 | 3.24 ng | 85981 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 87 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 4 | trans-p-(Trifluoromethyl)cinnami... | 216 | C10H7F3O2 | 016642-92-5 | 59 |
| 5 | Pyridin-3-ol, 2-(4-nitrophenyl)- | 216 | C11H8N2O3 | 030820-89-4 | 59 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144268.D
Acq On : 17 Nov 2025 15:29
Operator : RC/JU
Sample : Q3646-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-03-11142025

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 |
| Tetradecane | 9.298 | 4.3 | ng | 60144 | 3 | 9.904 | 282477 | 20.0 |
| Naphthalene, 1,... | 9.563 | 4.3 | ng | 61318 | 3 | 9.904 | 282477 | 20.0 |
| Hexadecane | 9.833 | 5.3 | ng | 74860 | 3 | 9.904 | 282477 | 20.0 |
| Dodecane | 10.333 | 7.9 | ng | 112008 | 3 | 9.904 | 282477 | 20.0 |
| Tridecane | 10.810 | 9.6 | ng | 167867 | 4 | 11.398 | 350754 | 20.0 |
| Nonadecane | 11.680 | 4.5 | ng | 78083 | 4 | 11.398 | 350754 | 20.0 |
| Phenanthrene, 2... | 11.927 | 8.7 | ng | 152881 | 4 | 11.398 | 350754 | 20.0 |
| Pentadecane | 12.092 | 3.4 | ng | 59354 | 4 | 11.398 | 350754 | 20.0 |
| Phenanthrene, 2... | 12.451 | 4.7 | ng | 81921 | 4 | 11.398 | 350754 | 20.0 |
| Fluoranthene, 2... | 13.063 | 2.4 | ng | 63738 | 5 | 14.045 | 530344 | 20.0 |
| Pyrene, 1-methyl- | 13.169 | 3.2 | ng | 85981 | 5 | 14.045 | 530344 | 20.0 |