LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SED-05-0-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BF143940.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.963 | 288 | 301 | 306 | rBV | 11477 | 24594 | 1.33% | 0.105% |
| 2 | 5.098 | 485 | 494 | 500 | rVB2 | 22452 | 39883 | 2.16% | 0.170% |
| 3 | 5.498 | 553 | 562 | 574 | rBV | 1324192 | 1789889 | 97.13% | 7.618% |
| 4 | 5.910 | 624 | 632 | 635 | rBV3 | 9617 | 19871 | 1.08% | 0.085% |
| 5 | 6.134 | 665 | 670 | 673 | rBV2 | 21814 | 32797 | 1.78% | 0.140% |
| 6 | 6.322 | 697 | 702 | 705 | rBV3 | 13398 | 23189 | 1.26% | 0.099% |
| 7 | 6.422 | 714 | 719 | 725 | rBV4 | 20087 | 47691 | 2.59% | 0.203% |
| 8 | 6.504 | 725 | 733 | 741 | rBV | 1304087 | 1842691 | 100.00% | 7.842% |
| 9 | 6.634 | 750 | 755 | 758 | rBV4 | 14758 | 24546 | 1.33% | 0.104% |
| 10 | 6.716 | 765 | 769 | 771 | rBV3 | 13167 | 21258 | 1.15% | 0.090% |
| 11 | 6.845 | 787 | 791 | 792 | rVV3 | 17368 | 20933 | 1.14% | 0.089% |
| 12 | 6.881 | 792 | 797 | 803 | rVV | 548532 | 714280 | 38.76% | 3.040% |
| 13 | 6.939 | 803 | 807 | 810 | rVV2 | 18103 | 26624 | 1.44% | 0.113% |
| 14 | 6.992 | 810 | 816 | 819 | rVV4 | 28940 | 57768 | 3.13% | 0.246% |
| 15 | 7.028 | 819 | 822 | 825 | rVV | 33793 | 45547 | 2.47% | 0.194% |
| 16 | 7.063 | 825 | 828 | 833 | rVB | 26431 | 31630 | 1.72% | 0.135% |
| 17 | 7.151 | 839 | 843 | 847 | rVB3 | 38857 | 52720 | 2.86% | 0.224% |
| 18 | 7.275 | 858 | 864 | 867 | rBV5 | 30917 | 57795 | 3.14% | 0.246% |
| 19 | 7.363 | 875 | 879 | 882 | rBV3 | 13646 | 22516 | 1.22% | 0.096% |
| 20 | 7.439 | 882 | 892 | 902 | rVV | 759957 | 1098450 | 59.61% | 4.675% |
| 21 | 7.522 | 902 | 906 | 910 | rBV3 | 59724 | 93063 | 5.05% | 0.396% |
| 22 | 7.581 | 912 | 916 | 920 | rVV5 | 20817 | 38554 | 2.09% | 0.164% |
| 23 | 7.663 | 926 | 930 | 931 | rBV | 29269 | 36243 | 1.97% | 0.154% |
| 24 | 7.686 | 932 | 934 | 942 | rVB5 | 56940 | 85090 | 4.62% | 0.362% |
| 25 | 7.757 | 943 | 946 | 948 | rBV4 | 21760 | 28424 | 1.54% | 0.121% |
| 26 | 7.804 | 951 | 954 | 957 | rVB4 | 40000 | 43928 | 2.38% | 0.187% |
| 27 | 7.839 | 957 | 960 | 963 | rBV3 | 28952 | 36715 | 1.99% | 0.156% |
| 28 | 7.922 | 969 | 974 | 977 | rBV4 | 24941 | 45389 | 2.46% | 0.193% |
| 29 | 7.981 | 981 | 984 | 989 | rVB5 | 39834 | 58399 | 3.17% | 0.249% |
| 30 | 8.039 | 990 | 994 | 997 | rBV2 | 42294 | 61039 | 3.31% | 0.260% |
| 31 | 8.163 | 1009 | 1015 | 1022 | rBV2 | 628197 | 1264318 | 68.61% | 5.381% |
| 32 | 8.222 | 1022 | 1025 | 1028 | rVB | 133114 | 152059 | 8.25% | 0.647% |
| 33 | 8.316 | 1038 | 1041 | 1043 | rBV | 33649 | 44221 | 2.40% | 0.188% |
| 34 | 8.369 | 1047 | 1050 | 1058 | rVB3 | 73297 | 118451 | 6.43% | 0.504% |
| 35 | 8.457 | 1060 | 1065 | 1070 | rBV6 | 62212 | 110832 | 6.01% | 0.472% |
| 36 | 8.510 | 1071 | 1074 | 1077 | rBV3 | 36561 | 49383 | 2.68% | 0.210% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.581 | 1083 | 1086 | 1089 | rBV | 93785 | 128757 | 6.99% | 0.548% |
| 38 | 8.669 | 1098 | 1101 | 1104 | rBV2 | 34565 | 44473 | 2.41% | 0.189% |
| 39 | 8.704 | 1104 | 1107 | 1112 | rVV3 | 39609 | 61967 | 3.36% | 0.264% |
| 40 | 8.881 | 1134 | 1137 | 1140 | rVB | 69053 | 76282 | 4.14% | 0.325% |
| 41 | 8.975 | 1150 | 1153 | 1161 | rVB | 80887 | 128285 | 6.96% | 0.546% |
| 42 | 9.186 | 1186 | 1189 | 1193 | rVB | 78309 | 93320 | 5.06% | 0.397% |
| 43 | 9.239 | 1193 | 1198 | 1203 | rVB | 1103519 | 1358535 | 73.73% | 5.782% |
| 44 | 9.322 | 1208 | 1212 | 1221 | rBV2 | 56825 | 144332 | 7.83% | 0.614% |
| 45 | 9.439 | 1229 | 1232 | 1236 | rVB2 | 32010 | 38774 | 2.10% | 0.165% |
| 46 | 9.575 | 1252 | 1255 | 1258 | rBV | 35387 | 45163 | 2.45% | 0.192% |
| 47 | 9.639 | 1263 | 1266 | 1269 | rVB2 | 56897 | 66874 | 3.63% | 0.285% |
| 48 | 9.786 | 1287 | 1291 | 1295 | rVB2 | 29573 | 40005 | 2.17% | 0.170% |
| 49 | 9.922 | 1309 | 1314 | 1317 | rBV | 593320 | 741812 | 40.26% | 3.157% |
| 50 | 9.957 | 1317 | 1320 | 1324 | rVB | 193114 | 227753 | 12.36% | 0.969% |
| 51 | 10.080 | 1337 | 1341 | 1344 | rBV3 | 25406 | 37697 | 2.05% | 0.160% |
| 52 | 10.127 | 1344 | 1349 | 1353 | rVV | 128883 | 171426 | 9.30% | 0.730% |
| 53 | 10.239 | 1365 | 1368 | 1370 | rBV3 | 22201 | 28385 | 1.54% | 0.121% |
| 54 | 10.333 | 1380 | 1384 | 1390 | rBV4 | 28341 | 57646 | 3.13% | 0.245% |
| 55 | 10.469 | 1403 | 1407 | 1413 | rBV | 146343 | 195007 | 10.58% | 0.830% |
| 56 | 10.563 | 1420 | 1423 | 1428 | rVB2 | 26300 | 42886 | 2.33% | 0.183% |
| 57 | 10.633 | 1431 | 1435 | 1440 | rVB2 | 185663 | 239944 | 13.02% | 1.021% |
| 58 | 10.710 | 1443 | 1448 | 1453 | rBV | 601390 | 787841 | 42.75% | 3.353% |
| 59 | 10.839 | 1465 | 1470 | 1476 | rVB2 | 49322 | 94237 | 5.11% | 0.401% |
| 60 | 11.216 | 1531 | 1534 | 1538 | rVB | 29726 | 37271 | 2.02% | 0.159% |
| 61 | 11.269 | 1538 | 1543 | 1546 | rBV3 | 50367 | 87653 | 4.76% | 0.373% |
| 62 | 11.310 | 1546 | 1550 | 1556 | rVB | 81106 | 117403 | 6.37% | 0.500% |
| 63 | 11.416 | 1563 | 1568 | 1569 | rBV | 484363 | 615019 | 33.38% | 2.618% |
| 64 | 11.439 | 1569 | 1572 | 1576 | rVV | 912499 | 1148958 | 62.35% | 4.890% |
| 65 | 11.486 | 1576 | 1580 | 1584 | rVB | 169490 | 218746 | 11.87% | 0.931% |
| 66 | 11.645 | 1603 | 1607 | 1614 | rVB | 60747 | 90845 | 4.93% | 0.387% |
| 67 | 11.939 | 1649 | 1657 | 1662 | rBV2 | 229065 | 441987 | 23.99% | 1.881% |
| 68 | 11.992 | 1663 | 1666 | 1669 | rVV | 52580 | 79899 | 4.34% | 0.340% |
| 69 | 12.027 | 1669 | 1672 | 1680 | rVB2 | 146987 | 265279 | 14.40% | 1.129% |
| 70 | 12.210 | 1700 | 1703 | 1711 | rVB2 | 62134 | 108303 | 5.88% | 0.461% |
| 71 | 12.469 | 1744 | 1747 | 1750 | rBV | 35201 | 46147 | 2.50% | 0.196% |
| 72 | 12.633 | 1770 | 1775 | 1779 | rBV | 737024 | 956425 | 51.90% | 4.071% |
| 73 | 12.863 | 1807 | 1814 | 1819 | rBV | 657351 | 1037122 | 56.28% | 4.414% |
| 74 | 12.998 | 1832 | 1837 | 1845 | rVB | 726171 | 1039335 | 56.40% | 4.423% |
| 75 | 13.186 | 1866 | 1869 | 1873 | rVB | 95755 | 125053 | 6.79% | 0.532% |
| 76 | 13.257 | 1878 | 1881 | 1883 | rVV2 | 48034 | 54683 | 2.97% | 0.233% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.292 | 1884 | 1887 | 1891 | rVV2 | 50362 | 64780 | 3.52% | 0.276% |
| 78 | 14.057 | 2011 | 2017 | 2021 | rBV2 | 692995 | 1243209 | 67.47% | 5.291% |
| 79 | 15.110 | 2191 | 2196 | 2205 | rBV | 293969 | 669647 | 36.34% | 2.850% |
| 80 | 15.415 | 2244 | 2248 | 2254 | rVB | 161230 | 258910 | 14.05% | 1.102% |
| 81 | 15.480 | 2254 | 2259 | 2265 | rVV | 245105 | 380409 | 20.64% | 1.619% |
| 82 | 15.545 | 2265 | 2270 | 2287 | rVB | 483748 | 933724 | 50.67% | 3.974% |
| 83 | 17.039 | 2519 | 2524 | 2533 | rVB3 | 91829 | 207519 | 11.26% | 0.883% |
| 84 | 17.492 | 2596 | 2601 | 2611 | rVB | 68004 | 155798 | 8.45% | 0.663% |

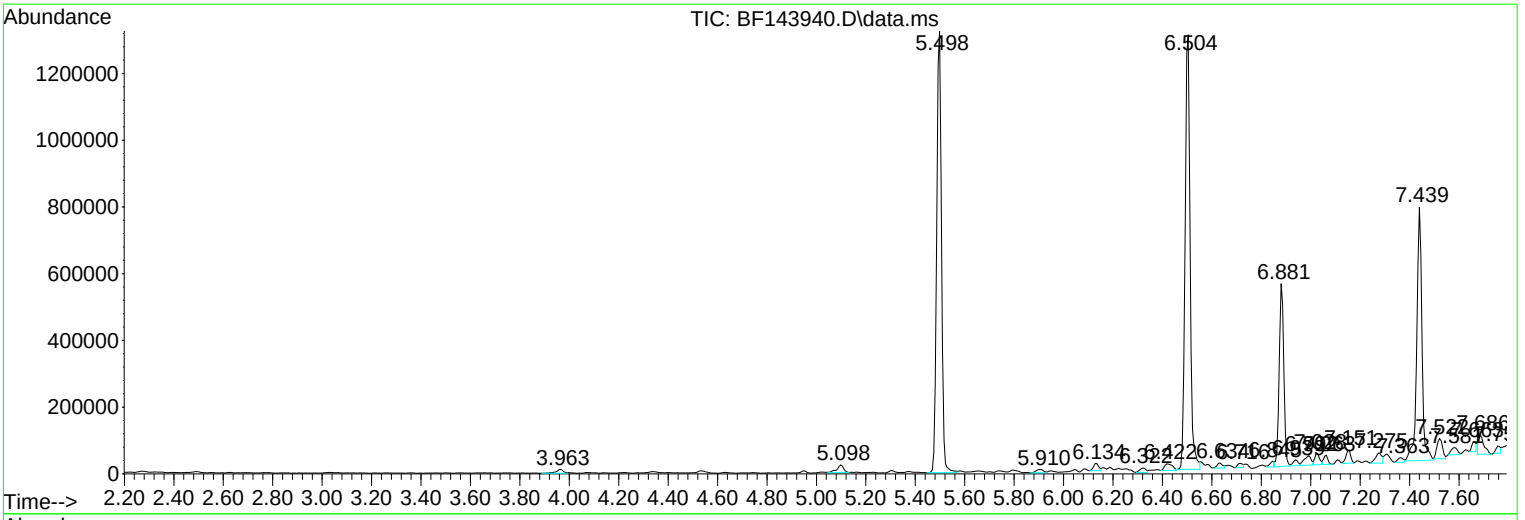
Sum of corrected areas: 23496305

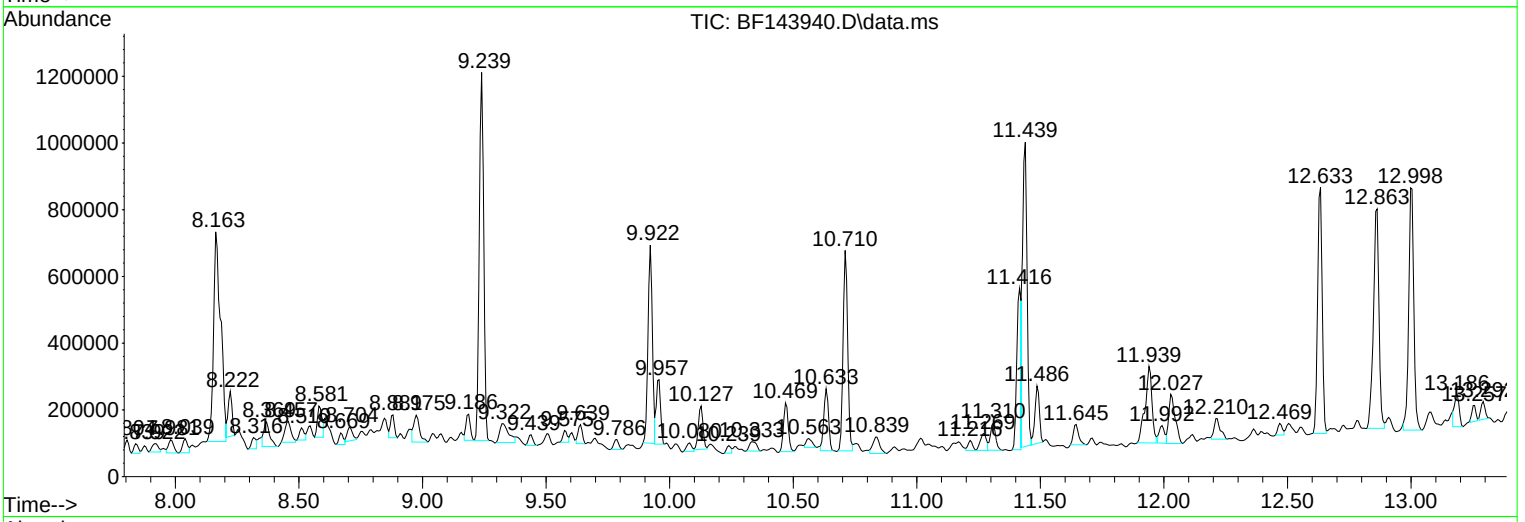
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

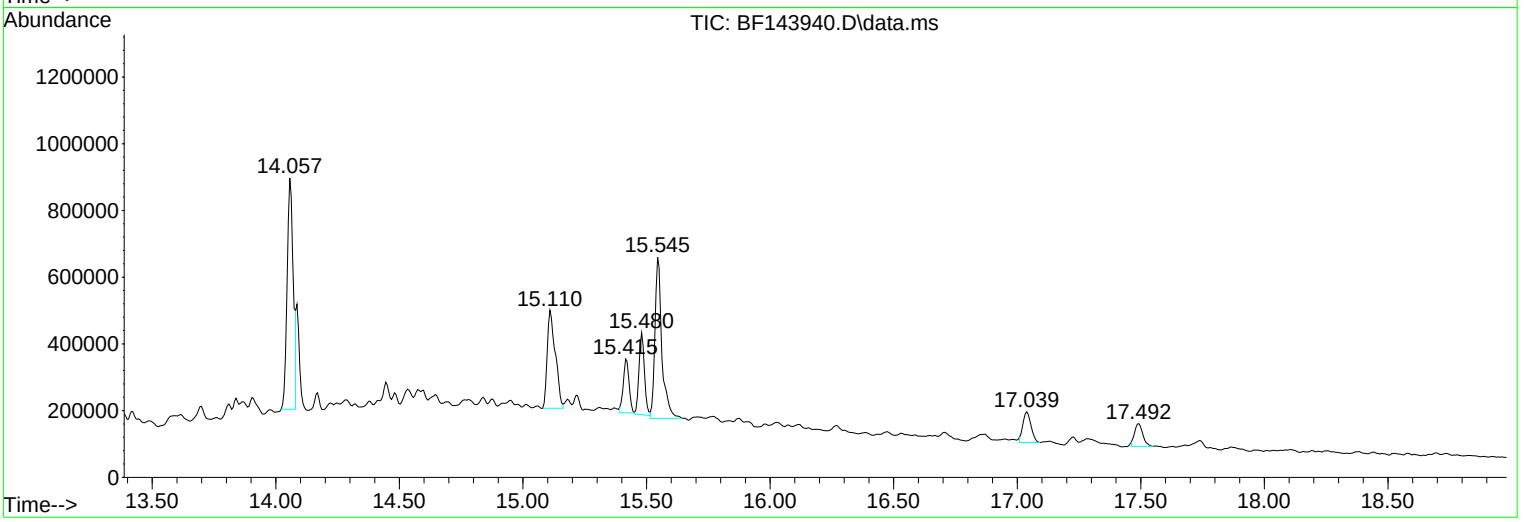
**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

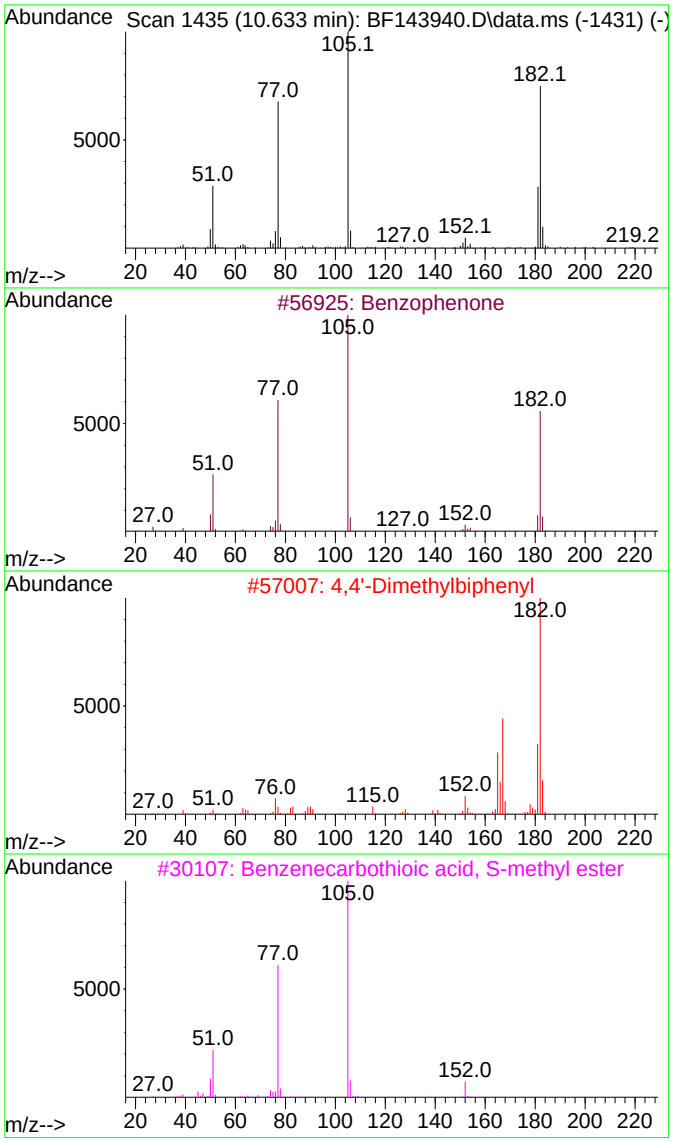
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

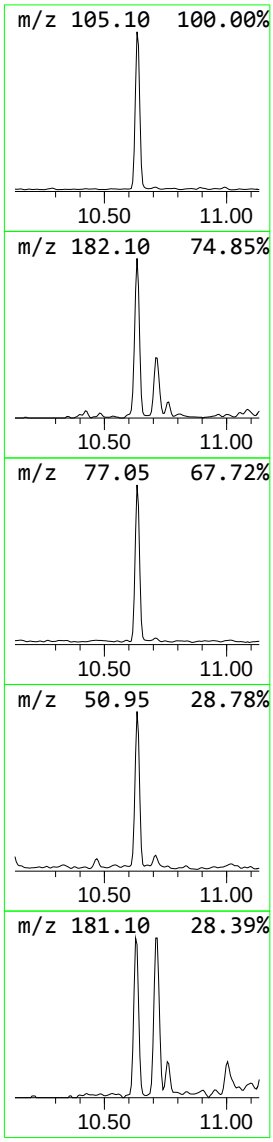
**********

Peak Number 4 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.633 | 6.47 ng | 239944 | Acenaphthene-d10 | 9.922 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 94 |
| 2 | 4,4'-Dimethylbiphenyl | 182 | C14H14 | 000613-33-2 | 43 |
| 3 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 41 |
| 4 | Benzoic acid, 2,4-dimethoxy- | 182 | C9H10O4 | 000091-52-1 | 35 |
| 5 | Methyl benzilate | 242 | C15H14O3 | 000076-89-1 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

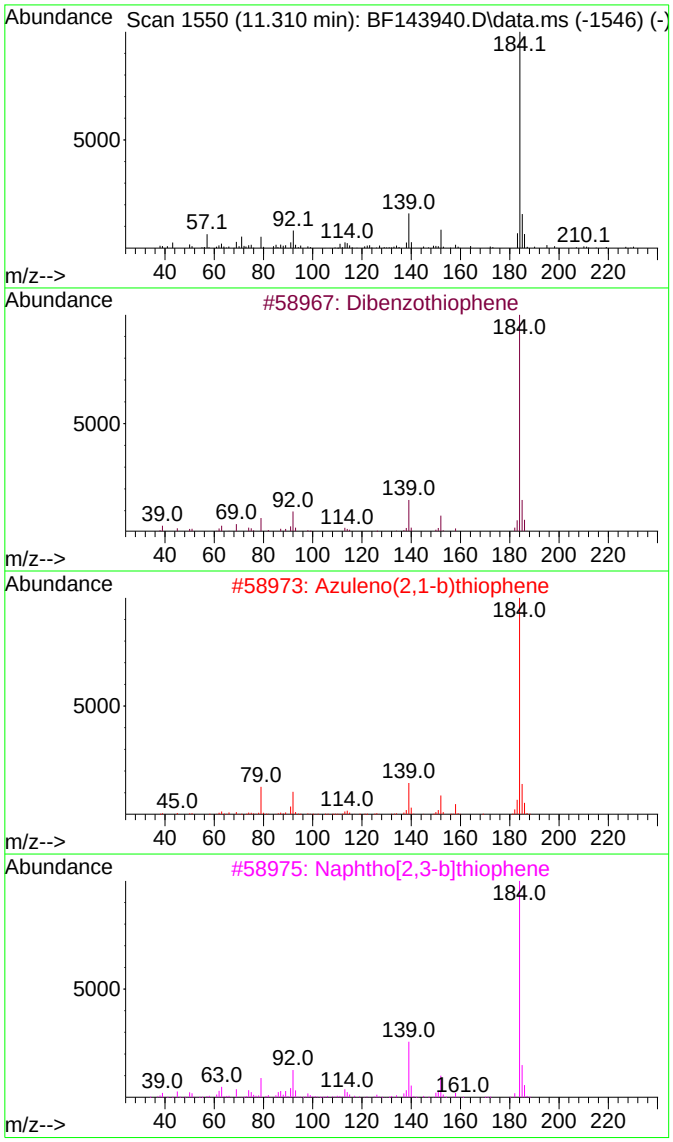
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

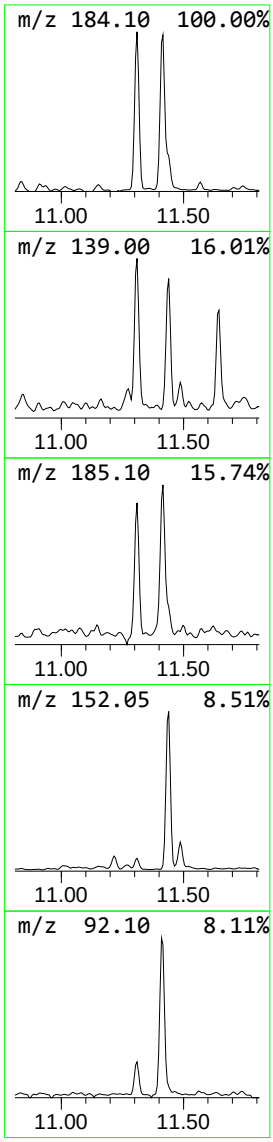
**********

Peak Number 7 Dibenzothiophene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.310 | 3.82 ng | 117403 | Phenanthrene-d10 | 11.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 91 |
| 3 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 90 |
| 4 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 87 |
| 5 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

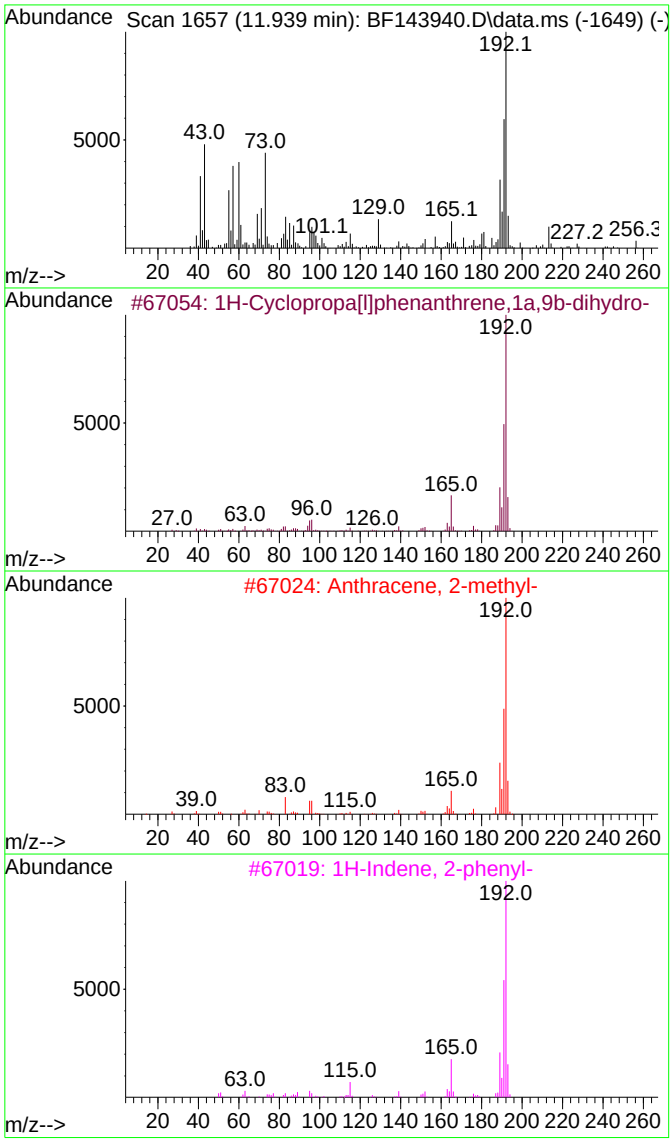
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

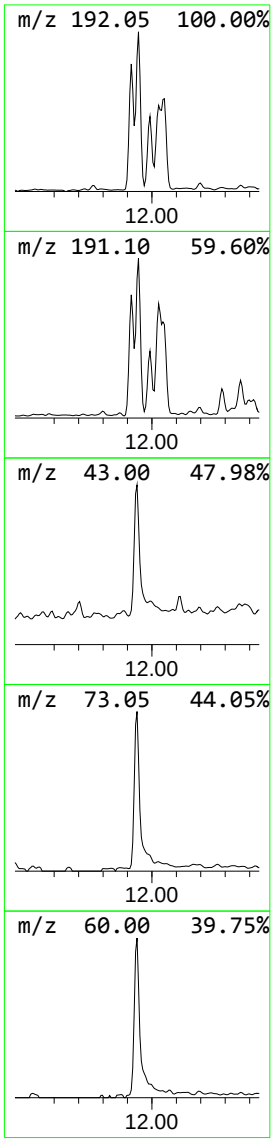
**********

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.939 | 14.37 ng | 441987 | Phenanthrene-d10 | 11.416 |

| 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 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 87 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 83 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

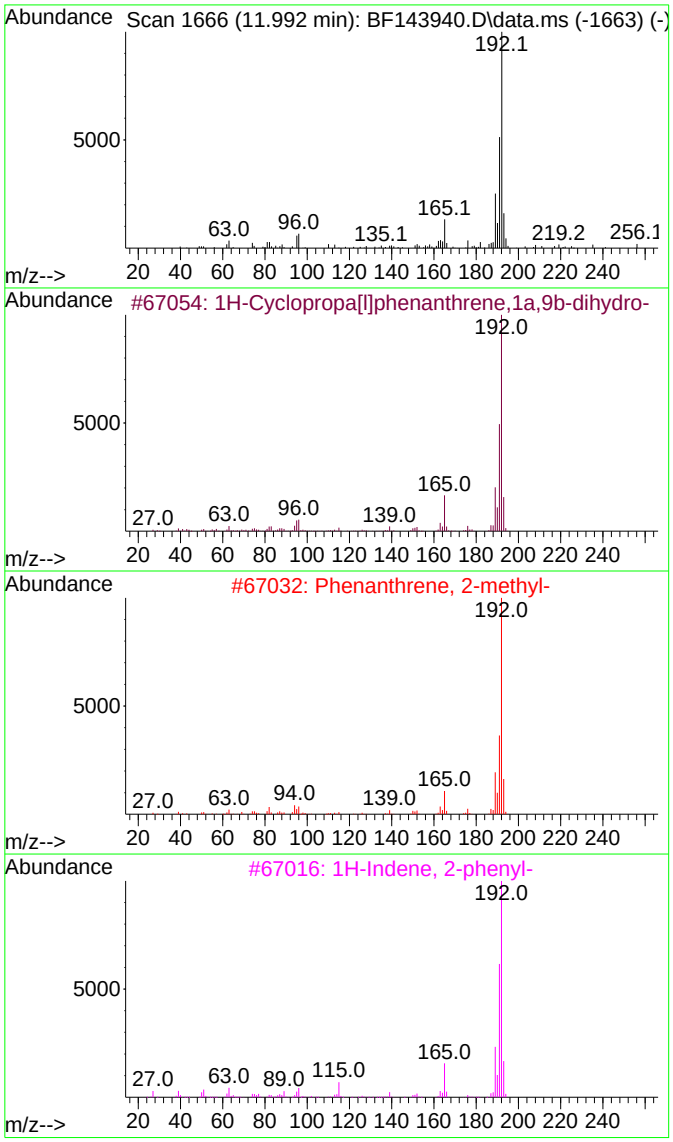
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

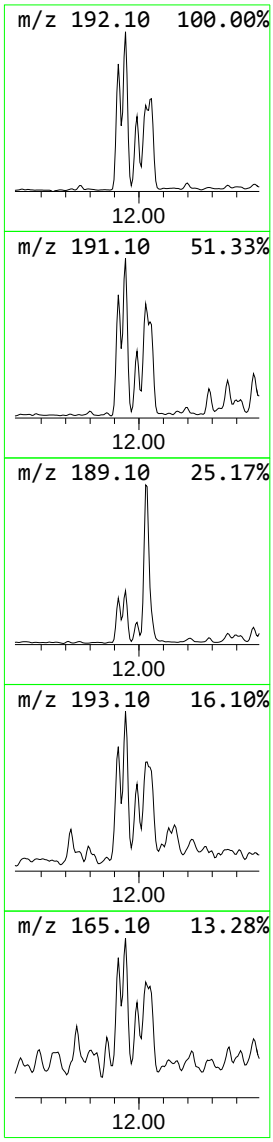
**********

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.992 | 2.60 ng | 79899 | Phenanthrene-d10 | 11.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 3 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 94 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

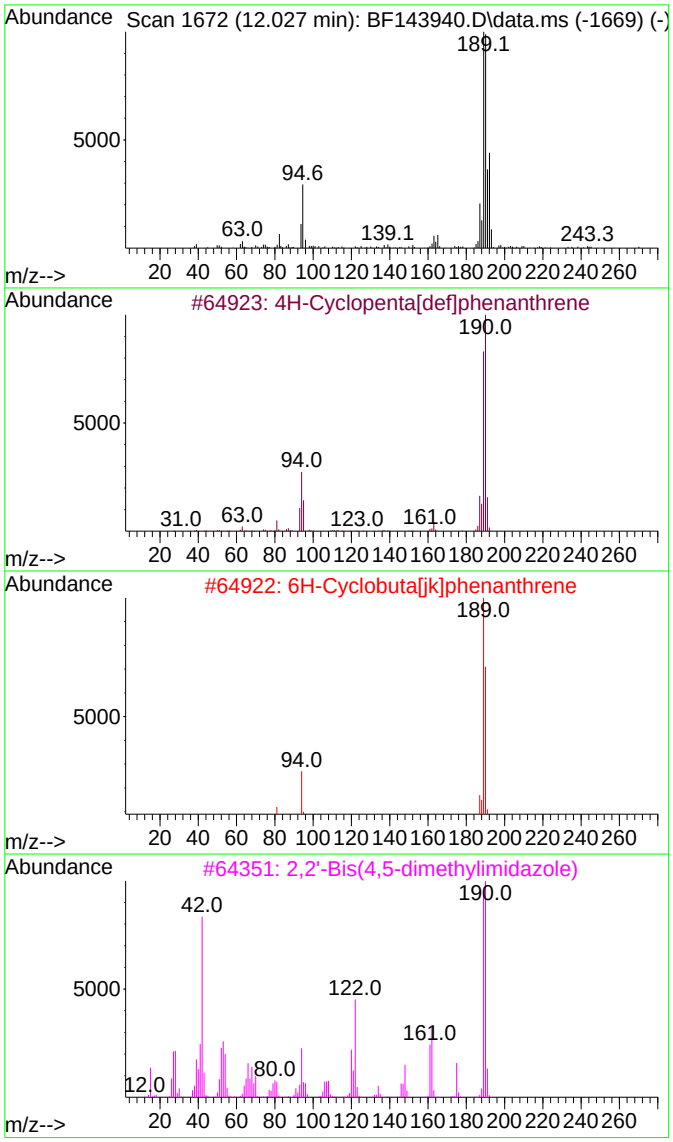
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

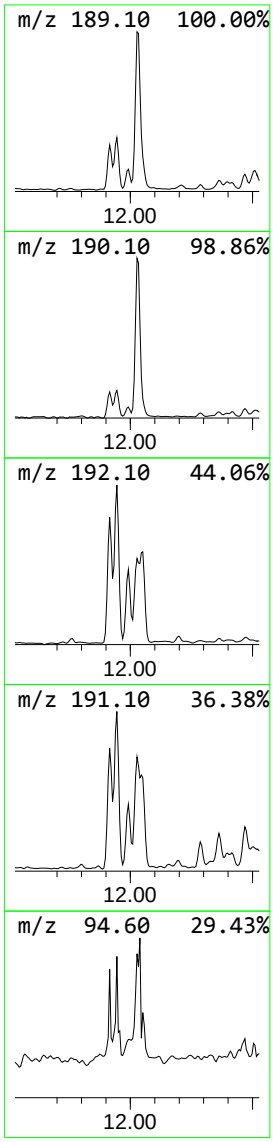
**********

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.027 | 8.63 ng | 265279 | Phenanthrene-d10 | 11.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 93 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 45 |
| 3 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 42 |
| 4 | Carbonic acid, ethyl 2-formyl-4,... | 262 | C10H8Cl2O4 | 1000331-34-4 | 33 |
| 5 | 2-Amino-4,6-dichloropyrimidine-5... | 191 | C5H3Cl2N3O | 005604-46-6 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

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

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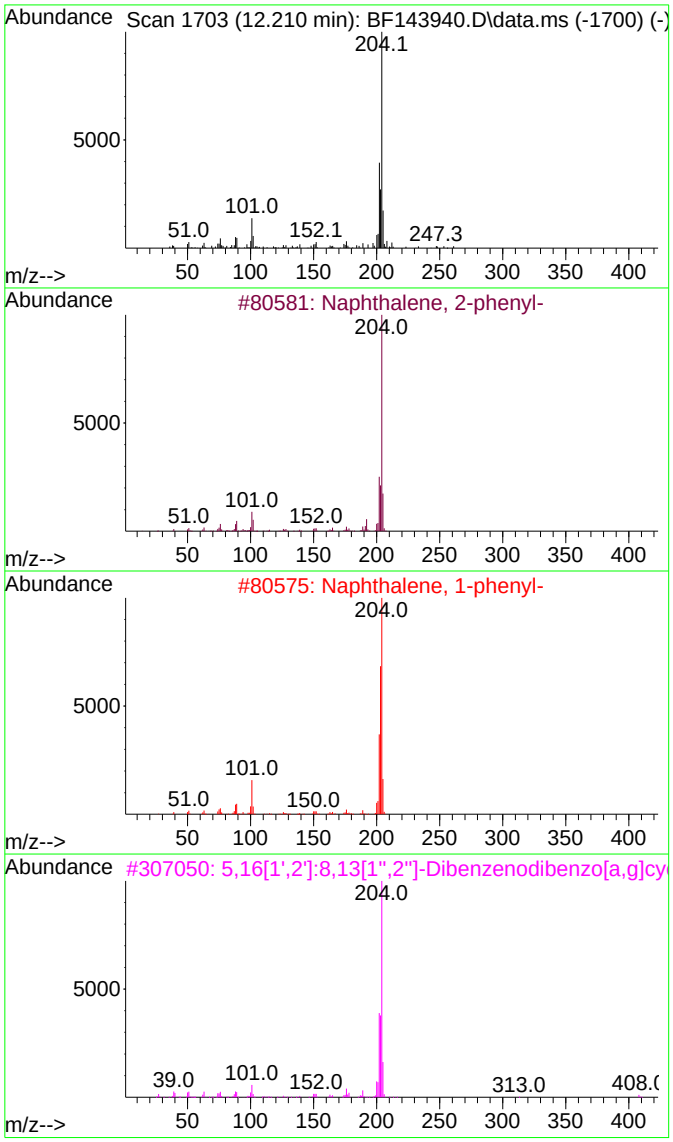
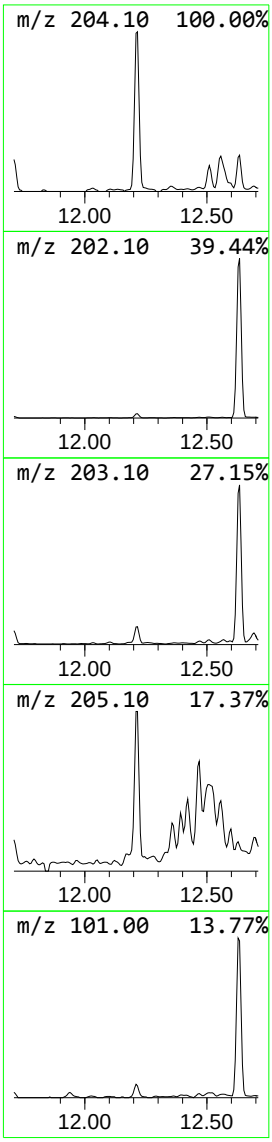
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.210 | 3.52 ng | 108303 | Phenanthrene-d10 | 11.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 95 |
| 2 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 90 |
| 3 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 90 |
| 4 | 6-Phenylbenzocyclohepten-7-one | 232 | C17H12O | 093327-56-1 | 90 |
| 5 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

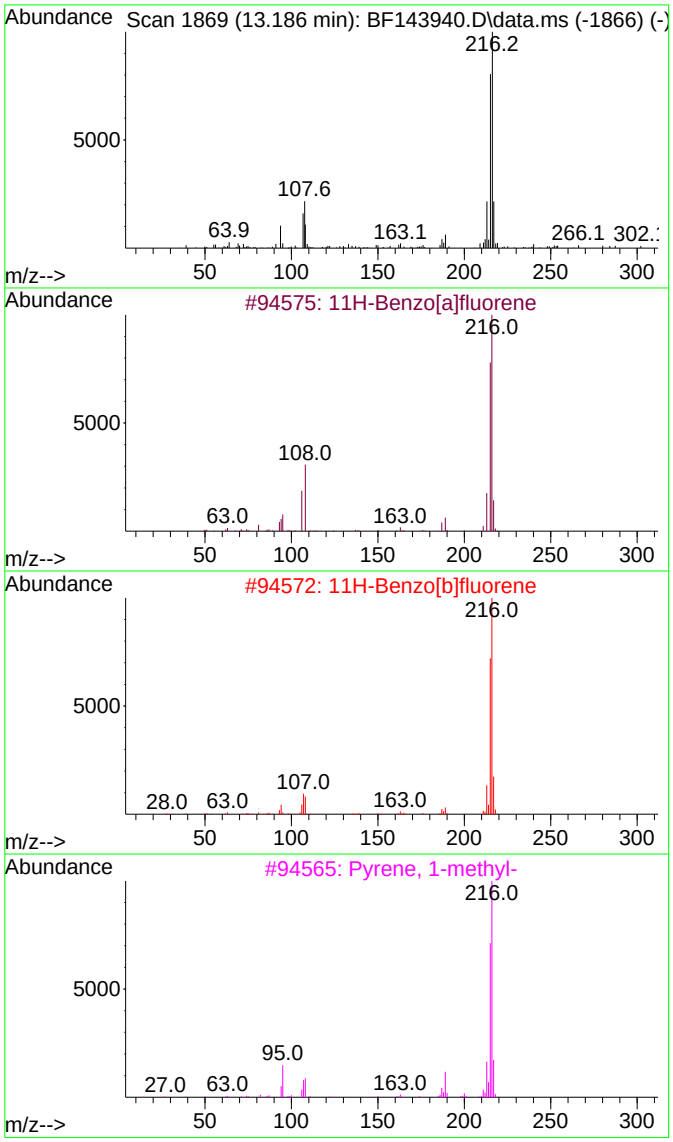
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

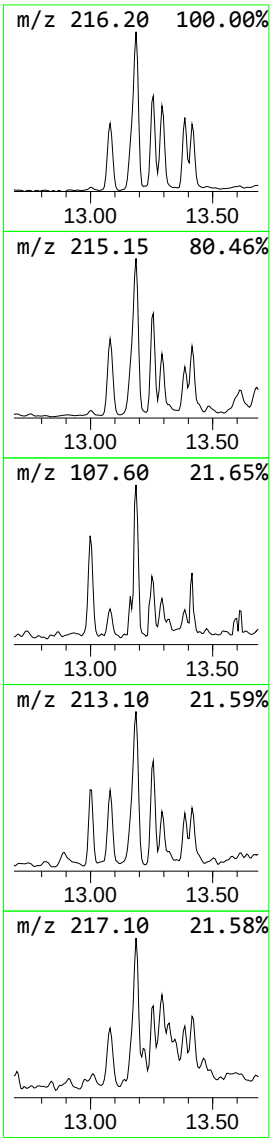
**********

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.186 | 2.01 ng | 125053 | Chrysene-d12 | 14.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 87 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 74 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

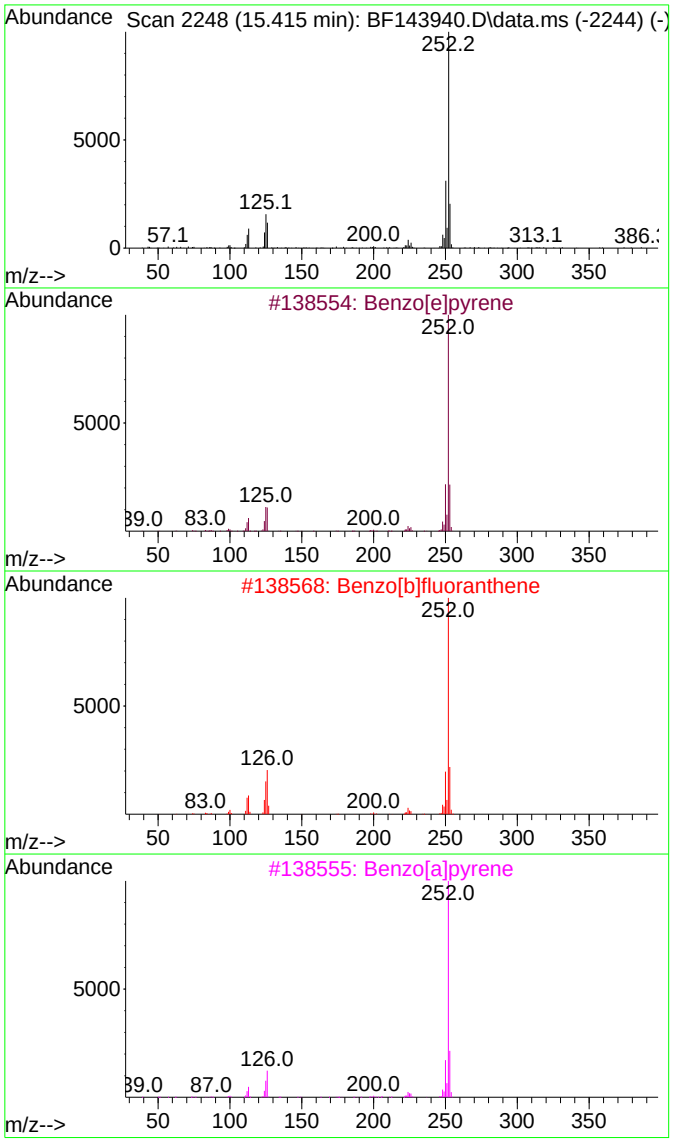
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

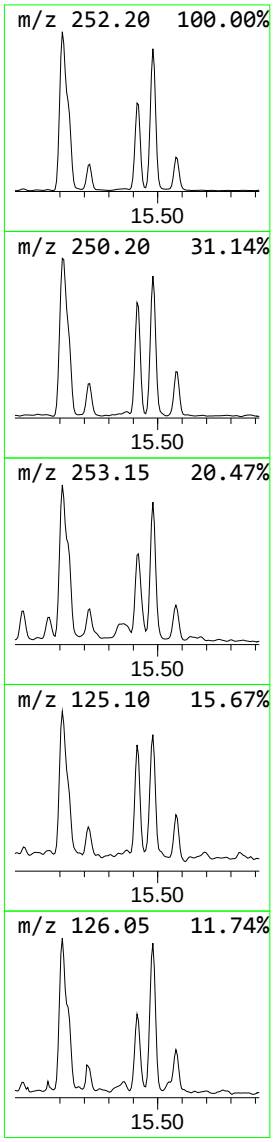
**********

Peak Number 13 Benzo[e]pyrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.415 | 5.55 ng | 258910 | Perylene-d12 | 15.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 95 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 91 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143940.D
Acq On : 13 Oct 2025 18:58
Operator : RC/JU
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SED-05-0-2

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

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzophenone | 10.633 | 6.5 | ng | 239944 | 3 | 9.922 | 741812 | 20.0 |
| Dibenzothiophene | 11.310 | 3.8 | ng | 117403 | 4 | 11.416 | 615019 | 20.0 |
| 1H-Cyclopropa[l... | 11.939 | 14.4 | ng | 441987 | 4 | 11.416 | 615019 | 20.0 |
| Phenanthrene, 2... | 11.992 | 2.6 | ng | 79899 | 4 | 11.416 | 615019 | 20.0 |
| 4H-Cyclopenta[d... | 12.027 | 8.6 | ng | 265279 | 4 | 11.416 | 615019 | 20.0 |
| Naphthalene, 2-... | 12.210 | 3.5 | ng | 108303 | 4 | 11.416 | 615019 | 20.0 |
| 11H-Benzo[a]flu... | 13.186 | 2.0 | ng | 125053 | 5 | 14.063 | 1243210 | 20.0 |
| Benzo[e]pyrene | 15.415 | 5.5 | ng | 258910 | 6 | 15.545 | 933724 | 20.0 |