LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\Methods\SFAM-EPA-BG091923.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059198.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.047 | 107 | 112 | 118 | rVV | 210213 | 371543 | 0.92% | 0.117% |
| 2 | 4.382 | 164 | 169 | 178 | rVB2 | 172129 | 353701 | 0.87% | 0.112% |
| 3 | 5.745 | 392 | 401 | 411 | rBV | 7093273 | 12967402 | 32.00% | 4.099% |
| 4 | 5.903 | 415 | 428 | 429 | rBV2 | 13063078 | 31535065 | 77.82% | 9.969% |
| 5 | 6.256 | 482 | 488 | 495 | rVB | 716691 | 1160147 | 2.86% | 0.367% |
| 6 | 6.732 | 563 | 569 | 581 | rVV | 718376 | 1221632 | 3.01% | 0.386% |
| 7 | 7.237 | 644 | 655 | 664 | rVB | 1397610 | 2515852 | 6.21% | 0.795% |
| 8 | 7.355 | 665 | 675 | 680 | rBV | 9074432 | 17907952 | 44.19% | 5.661% |
| 9 | 7.413 | 680 | 685 | 691 | rVV | 6078617 | 10351894 | 25.55% | 3.273% |
| 10 | 7.490 | 691 | 698 | 705 | rVB | 7464357 | 13111056 | 32.35% | 4.145% |
| 11 | 7.660 | 714 | 727 | 734 | rBV | 6909503 | 12614073 | 31.13% | 3.988% |
| 12 | 7.954 | 764 | 777 | 782 | rVB | 14817754 | 40523754 | 100.00% | 12.811% |
| 13 | 8.136 | 798 | 808 | 810 | rBV | 172817 | 287050 | 0.71% | 0.091% |
| 14 | 8.165 | 810 | 813 | 818 | rVB | 147394 | 207034 | 0.51% | 0.065% |
| 15 | 8.306 | 825 | 837 | 844 | rBV | 783362 | 1457719 | 3.60% | 0.461% |
| 16 | 8.406 | 844 | 854 | 860 | rVV | 8916659 | 17562302 | 43.34% | 5.552% |
| 17 | 8.459 | 860 | 863 | 873 | rVB5 | 90357 | 186339 | 0.46% | 0.059% |
| 18 | 8.583 | 873 | 884 | 891 | rBV | 201852 | 392225 | 0.97% | 0.124% |
| 19 | 8.677 | 891 | 900 | 907 | rBV2 | 6167770 | 11156385 | 27.53% | 3.527% |
| 20 | 8.759 | 907 | 914 | 919 | rBV | 1681064 | 2722395 | 6.72% | 0.861% |
| 21 | 8.818 | 919 | 924 | 932 | rVB | 2194555 | 3635017 | 8.97% | 1.149% |
| 22 | 8.912 | 932 | 940 | 946 | rBV2 | 4465942 | 7984454 | 19.70% | 2.524% |
| 23 | 8.964 | 946 | 949 | 962 | rVB2 | 416048 | 714974 | 1.76% | 0.226% |
| 24 | 9.082 | 962 | 969 | 975 | rBV | 1173179 | 1987294 | 4.90% | 0.628% |
| 25 | 9.229 | 986 | 994 | 999 | rBV | 2795909 | 4774921 | 11.78% | 1.510% |
| 26 | 9.288 | 999 | 1004 | 1012 | rVB | 2557889 | 4167593 | 10.28% | 1.318% |
| 27 | 9.393 | 1012 | 1022 | 1029 | rBV2 | 4857568 | 8697914 | 21.46% | 2.750% |
| 28 | 9.481 | 1029 | 1037 | 1050 | rVB2 | 1910087 | 3815404 | 9.42% | 1.206% |
| 29 | 9.628 | 1050 | 1062 | 1069 | rBV5 | 231483 | 550344 | 1.36% | 0.174% |
| 30 | 9.722 | 1069 | 1078 | 1084 | rBV | 1276749 | 2270233 | 5.60% | 0.718% |
| 31 | 9.916 | 1104 | 1111 | 1116 | rBV | 2829034 | 4750073 | 11.72% | 1.502% |
| 32 | 9.981 | 1116 | 1122 | 1130 | rVB | 4050205 | 6860405 | 16.93% | 2.169% |
| 33 | 10.169 | 1147 | 1154 | 1157 | rBV | 299272 | 529337 | 1.31% | 0.167% |
| 34 | 10.210 | 1157 | 1161 | 1168 | rVB2 | 536761 | 986163 | 2.43% | 0.312% |
| 35 | 10.286 | 1168 | 1174 | 1179 | rBV2 | 509374 | 909925 | 2.25% | 0.288% |
| 36 | 10.357 | 1179 | 1186 | 1194 | rVB | 2388984 | 4261434 | 10.52% | 1.347% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\Methods\SFAM-EPA-BG091923.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.445 | 1194 | 1201 | 1205 | rBV3 | 291454 | 703306 | 1.74% | 0.222% |
| 38 | 10.510 | 1205 | 1212 | 1217 | rBV | 5135368 | 9064000 | 22.37% | 2.865% |
| 39 | 10.633 | 1226 | 1233 | 1237 | rBV3 | 353557 | 726746 | 1.79% | 0.230% |
| 40 | 10.668 | 1237 | 1239 | 1244 | rVV2 | 323824 | 469767 | 1.16% | 0.149% |
| 41 | 10.715 | 1244 | 1247 | 1249 | rVV | 130634 | 189537 | 0.47% | 0.060% |
| 42 | 10.756 | 1249 | 1254 | 1257 | rVV | 537258 | 992955 | 2.45% | 0.314% |
| 43 | 10.792 | 1257 | 1260 | 1263 | rVV | 394009 | 611514 | 1.51% | 0.193% |
| 44 | 10.833 | 1263 | 1267 | 1275 | rVB | 302598 | 514450 | 1.27% | 0.163% |
| 45 | 10.980 | 1282 | 1292 | 1295 | rBV | 118094 | 251907 | 0.62% | 0.080% |
| 46 | 11.021 | 1295 | 1299 | 1302 | rVV2 | 200871 | 402315 | 0.99% | 0.127% |
| 47 | 11.068 | 1302 | 1307 | 1310 | rVV | 642877 | 1311276 | 3.24% | 0.415% |
| 48 | 11.097 | 1310 | 1312 | 1315 | rVV | 607711 | 879161 | 2.17% | 0.278% |
| 49 | 11.138 | 1315 | 1319 | 1321 | rVV | 687970 | 1273696 | 3.14% | 0.403% |
| 50 | 11.215 | 1324 | 1332 | 1339 | rVV | 8073302 | 18458220 | 45.55% | 5.835% |
| 51 | 11.321 | 1339 | 1350 | 1357 | rVB2 | 479710 | 1289118 | 3.18% | 0.408% |
| 52 | 11.467 | 1370 | 1375 | 1383 | rBV5 | 86339 | 237079 | 0.59% | 0.075% |
| 53 | 11.726 | 1416 | 1419 | 1422 | rVV | 127505 | 219351 | 0.54% | 0.069% |
| 54 | 11.767 | 1422 | 1426 | 1432 | rVV | 454765 | 851761 | 2.10% | 0.269% |
| 55 | 11.943 | 1450 | 1456 | 1461 | rBV4 | 175247 | 298562 | 0.74% | 0.094% |
| 56 | 12.014 | 1461 | 1468 | 1478 | rVB | 670123 | 1238721 | 3.06% | 0.392% |
| 57 | 12.143 | 1483 | 1490 | 1495 | rBV2 | 152872 | 283099 | 0.70% | 0.089% |
| 58 | 12.202 | 1495 | 1500 | 1505 | rBV | 369052 | 622325 | 1.54% | 0.197% |
| 59 | 12.296 | 1511 | 1516 | 1527 | rVB5 | 261500 | 684563 | 1.69% | 0.216% |
| 60 | 12.407 | 1527 | 1535 | 1539 | rBV | 302442 | 526257 | 1.30% | 0.166% |
| 61 | 12.478 | 1539 | 1547 | 1551 | rBV2 | 415164 | 791042 | 1.95% | 0.250% |
| 62 | 12.531 | 1551 | 1556 | 1562 | rVB | 1016274 | 1697712 | 4.19% | 0.537% |
| 63 | 12.678 | 1572 | 1581 | 1584 | rBV3 | 151504 | 317818 | 0.78% | 0.100% |
| 64 | 12.784 | 1591 | 1599 | 1605 | rBV | 5048010 | 8563146 | 21.13% | 2.707% |
| 65 | 12.842 | 1605 | 1609 | 1614 | rBV | 267159 | 410481 | 1.01% | 0.130% |
| 66 | 12.919 | 1614 | 1622 | 1627 | rBV3 | 190430 | 448839 | 1.11% | 0.142% |
| 67 | 12.995 | 1627 | 1635 | 1641 | rVB | 3083265 | 5326721 | 13.14% | 1.684% |
| 68 | 13.071 | 1641 | 1648 | 1649 | rBV5 | 143987 | 258993 | 0.64% | 0.082% |
| 69 | 13.301 | 1685 | 1687 | 1696 | rVV8 | 105183 | 193533 | 0.48% | 0.061% |
| 70 | 13.400 | 1698 | 1704 | 1716 | rVB4 | 184169 | 350796 | 0.87% | 0.111% |
| 71 | 13.671 | 1736 | 1750 | 1755 | rBV4 | 248612 | 637301 | 1.57% | 0.201% |
| 72 | 13.759 | 1761 | 1765 | 1769 | rVV2 | 205571 | 316371 | 0.78% | 0.100% |
| 73 | 13.823 | 1770 | 1776 | 1785 | rVB3 | 107263 | 246147 | 0.61% | 0.078% |
| 74 | 13.906 | 1785 | 1790 | 1794 | rBV | 356897 | 577844 | 1.43% | 0.183% |
| 75 | 13.953 | 1794 | 1798 | 1806 | rVB | 224598 | 450455 | 1.11% | 0.142% |
| 76 | 14.076 | 1811 | 1819 | 1821 | rVV3 | 531553 | 959837 | 2.37% | 0.303% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\Methods\SFAM-EPA-BG091923.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.111 | 1821 | 1825 | 1831 | rVV2 | 921851 | 1575216 | 3.89% | 0.498% |
| 78 | 14.241 | 1841 | 1847 | 1852 | rVV | 587191 | 1147759 | 2.83% | 0.363% |
| 79 | 14.299 | 1852 | 1857 | 1858 | rVV | 602185 | 915757 | 2.26% | 0.289% |
| 80 | 14.317 | 1858 | 1860 | 1865 | rVV | 733651 | 1002486 | 2.47% | 0.317% |
| 81 | 14.364 | 1865 | 1868 | 1873 | rVV4 | 156376 | 227431 | 0.56% | 0.072% |
| 82 | 14.423 | 1873 | 1878 | 1882 | rVV3 | 127173 | 220759 | 0.54% | 0.070% |
| 83 | 14.476 | 1882 | 1887 | 1891 | rVV | 248324 | 410622 | 1.01% | 0.130% |
| 84 | 14.517 | 1891 | 1894 | 1902 | rVB6 | 142499 | 237328 | 0.59% | 0.075% |
| 85 | 14.634 | 1908 | 1914 | 1921 | rVB2 | 377302 | 698915 | 1.72% | 0.221% |
| 86 | 14.734 | 1924 | 1931 | 1937 | rVB3 | 191692 | 353559 | 0.87% | 0.112% |
| 87 | 14.881 | 1952 | 1956 | 1959 | rVV2 | 144204 | 226664 | 0.56% | 0.072% |
| 88 | 14.928 | 1959 | 1964 | 1971 | rVV2 | 415467 | 786737 | 1.94% | 0.249% |
| 89 | 15.104 | 1990 | 1994 | 2003 | rVB4 | 103973 | 248135 | 0.61% | 0.078% |
| 90 | 15.445 | 2048 | 2052 | 2058 | rVB2 | 150627 | 231686 | 0.57% | 0.073% |
| 91 | 15.915 | 2126 | 2132 | 2138 | rVV | 930241 | 1457990 | 3.60% | 0.461% |
| 92 | 16.021 | 2146 | 2150 | 2154 | rVV | 179354 | 249091 | 0.61% | 0.079% |
| 93 | 16.420 | 2213 | 2218 | 2222 | rBV2 | 155410 | 239764 | 0.59% | 0.076% |
| 94 | 17.678 | 2426 | 2432 | 2436 | rBV | 411336 | 643513 | 1.59% | 0.203% |
| 95 | 17.772 | 2443 | 2448 | 2456 | rBV2 | 922724 | 1475454 | 3.64% | 0.466% |
| 96 | 20.046 | 2829 | 2835 | 2845 | rVB | 1242405 | 1820122 | 4.49% | 0.575% |
| 97 | 21.532 | 3083 | 3088 | 3099 | rVV | 148990 | 271885 | 0.67% | 0.086% |
| 98 | 21.996 | 3160 | 3167 | 3173 | rBV | 337461 | 602424 | 1.49% | 0.190% |
| 99 | 25.292 | 3715 | 3728 | 3742 | rBV3 | 451209 | 1481102 | 3.65% | 0.468% |
| 100 | 25.539 | 3760 | 3770 | 3782 | rVB | 203909 | 651811 | 1.61% | 0.206% |

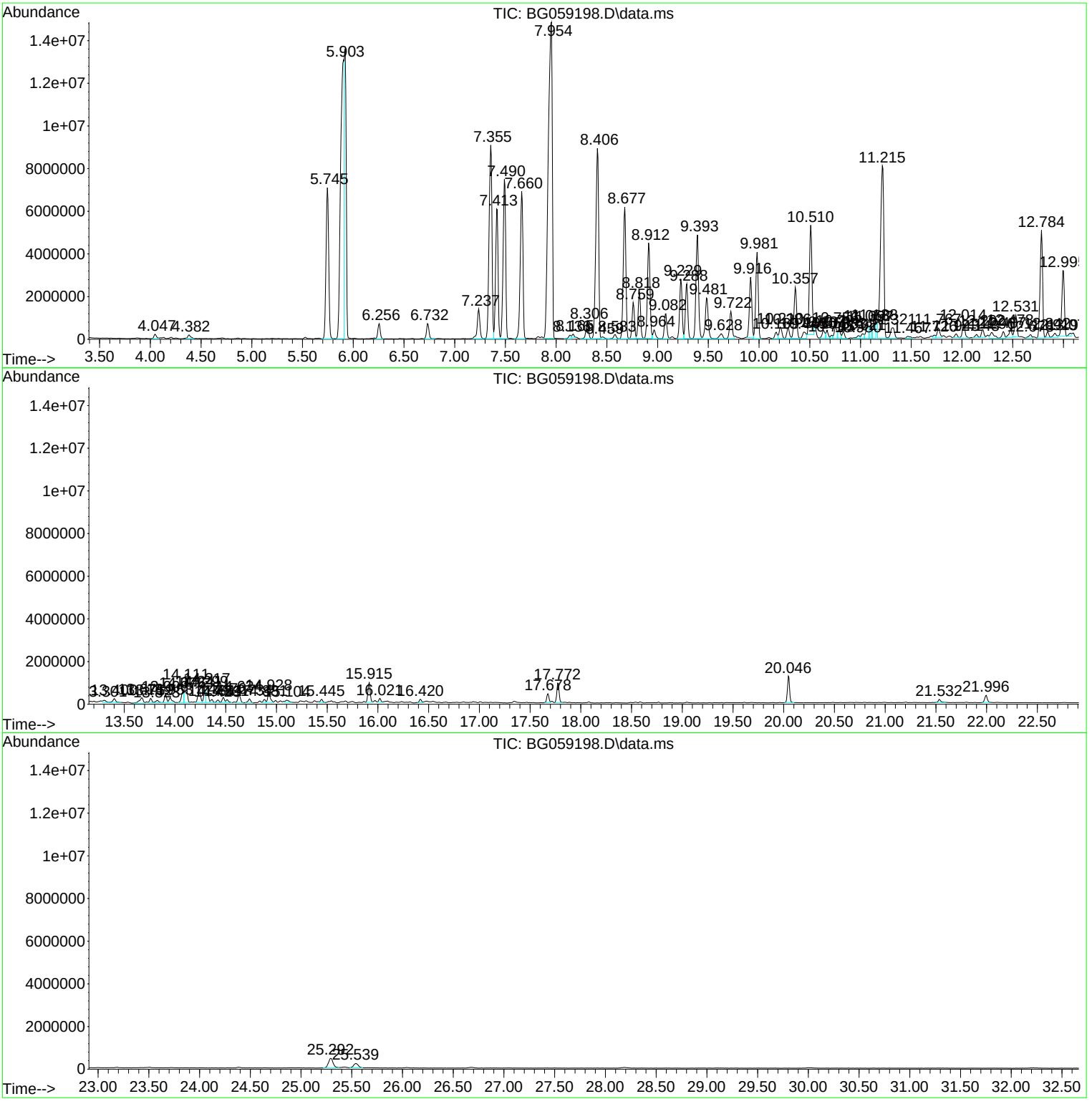
Sum of corrected areas: 316323937

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

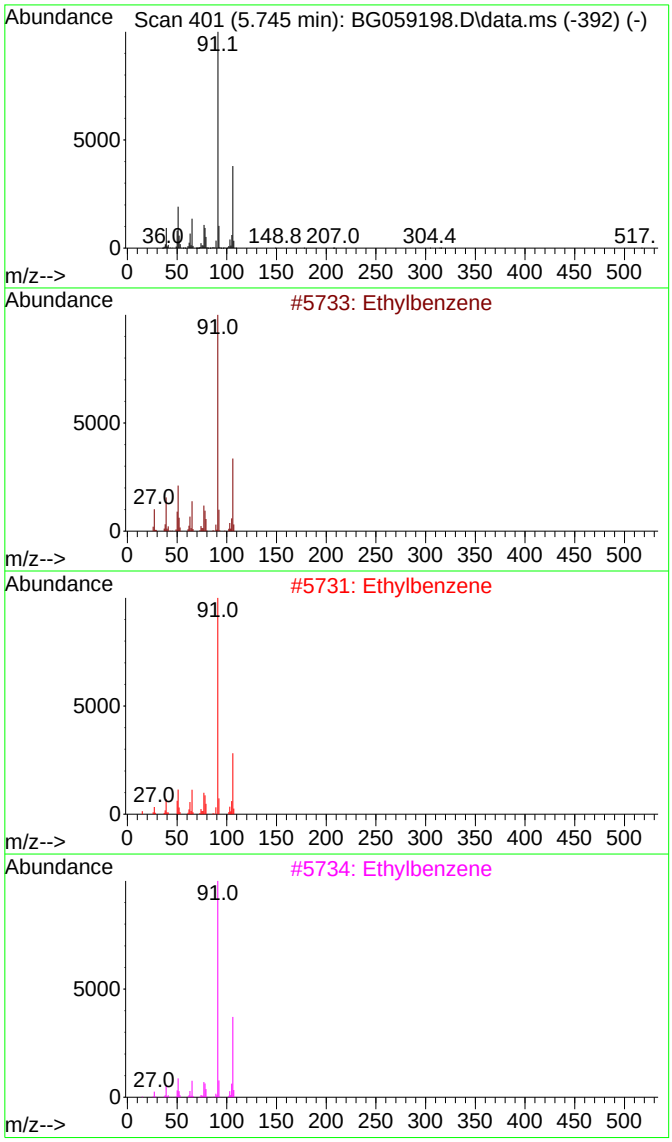
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

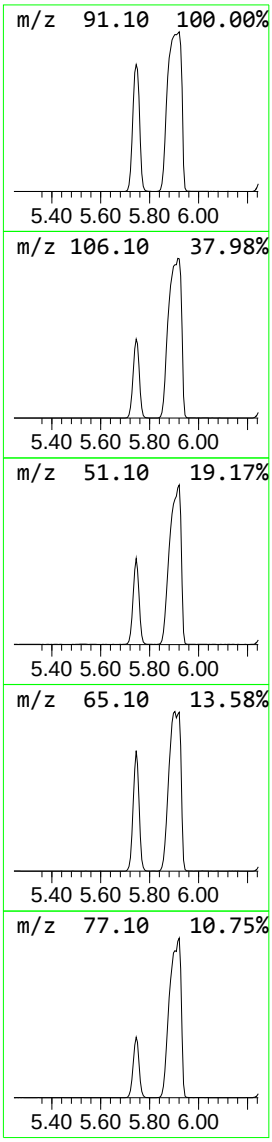
**********

Peak Number 2 Ethylbenzene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.745 | 177.91 ng/ul | 12967400 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 95 |
| 2 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 94 |
| 3 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |
| 4 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |
| 5 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

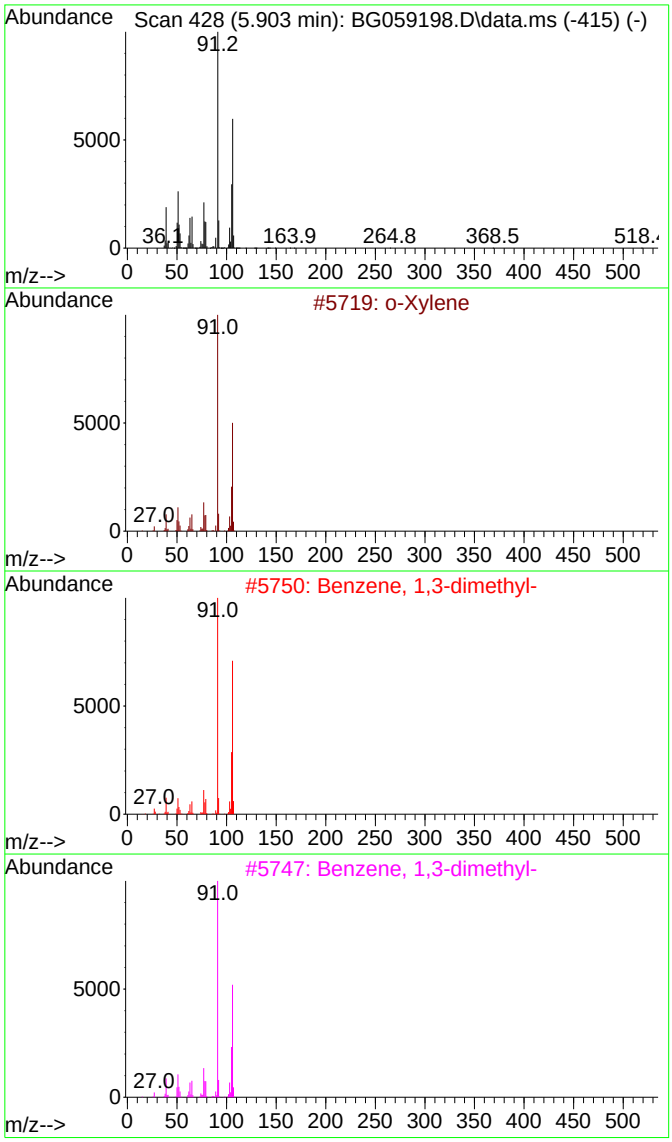
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

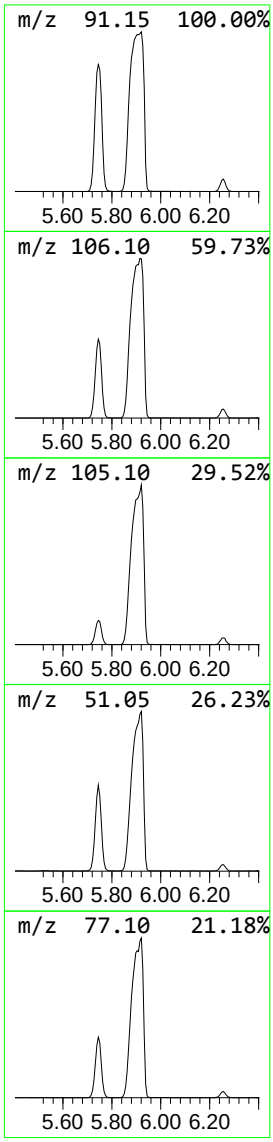
**********

Peak Number 3 o-Xylene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.903 | 432.66 ng/ul | 31535100 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Xylene | 106 | C8H10 | 000095-47-6 | 96 |
| 2 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 96 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 96 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

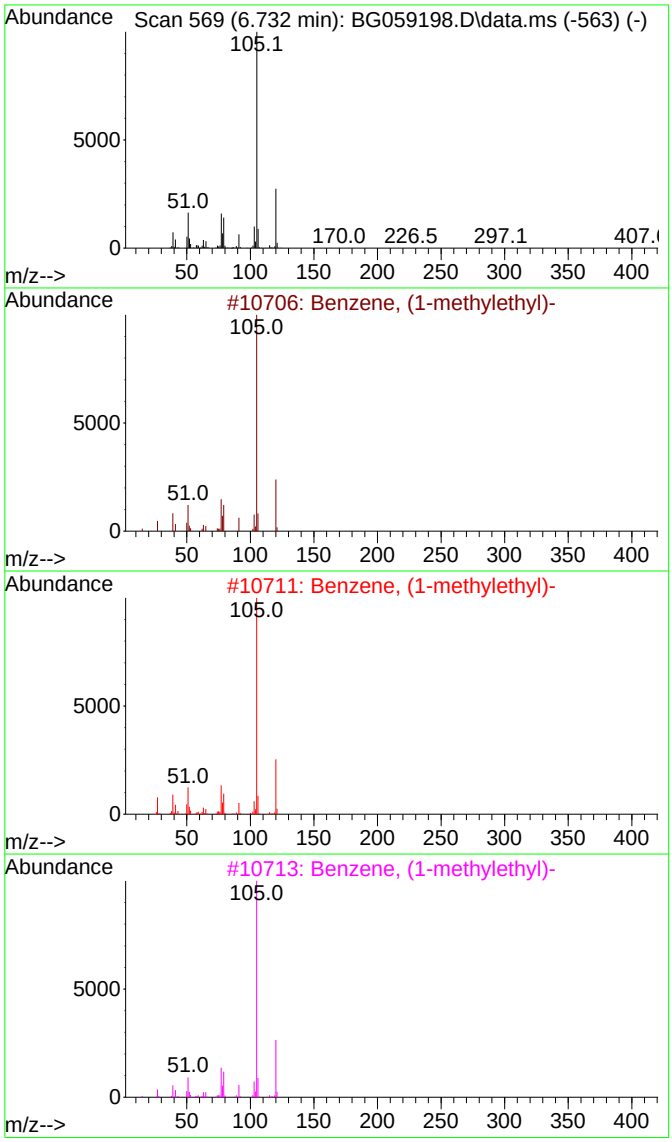
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

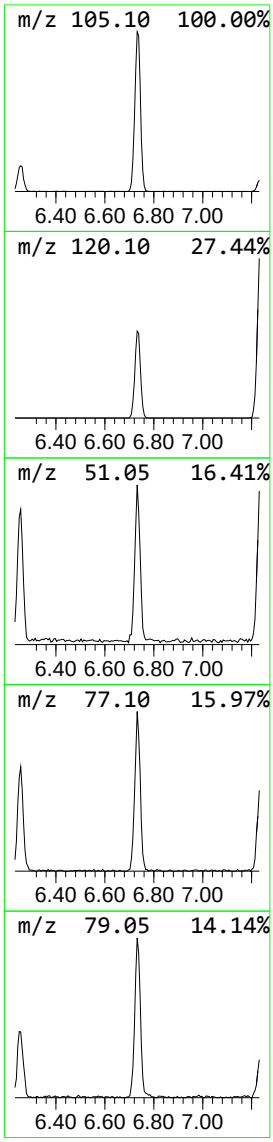
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.732 | 16.76 ng/ul | 1221630 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 95 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

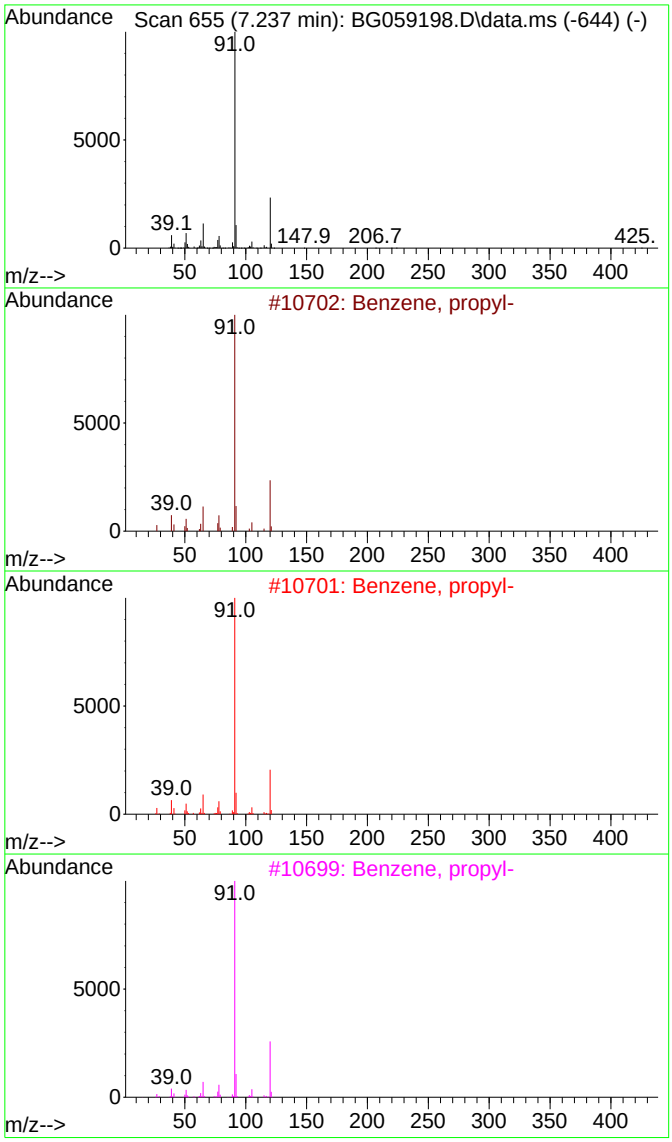
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

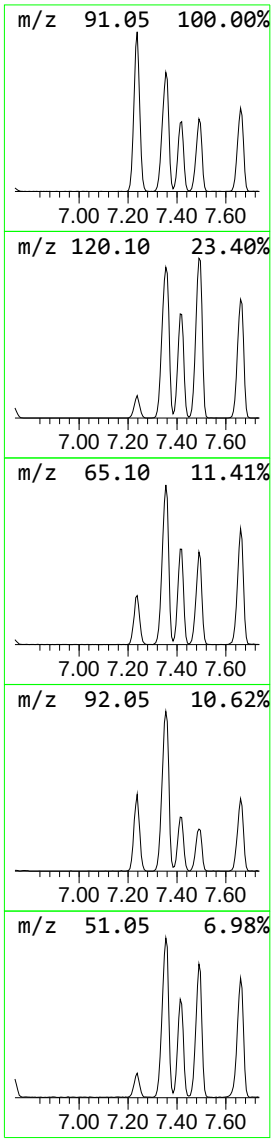
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, propyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.237 | 34.52 ng/ul | 2515850 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 94 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 91 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 91 |
| 4 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |
| 5 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

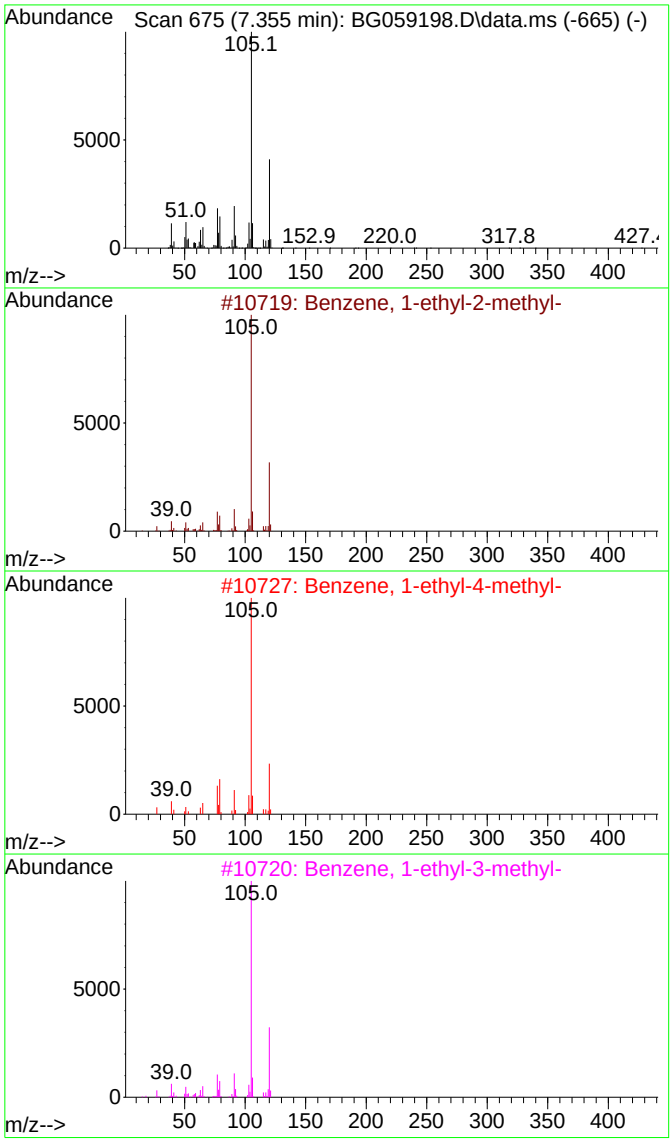
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

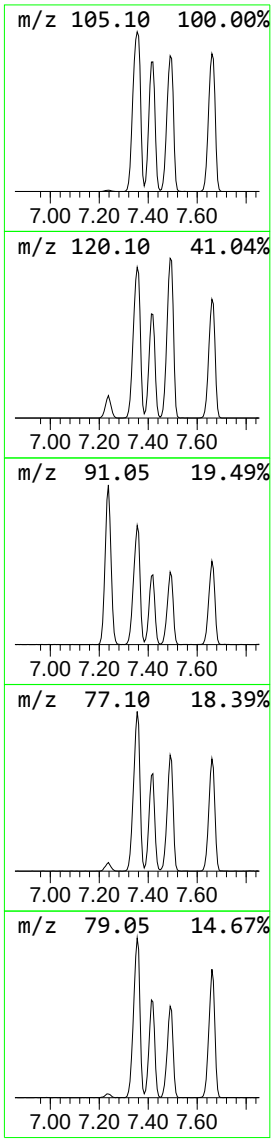
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.355 | 245.70 ng/ul | 17908000 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

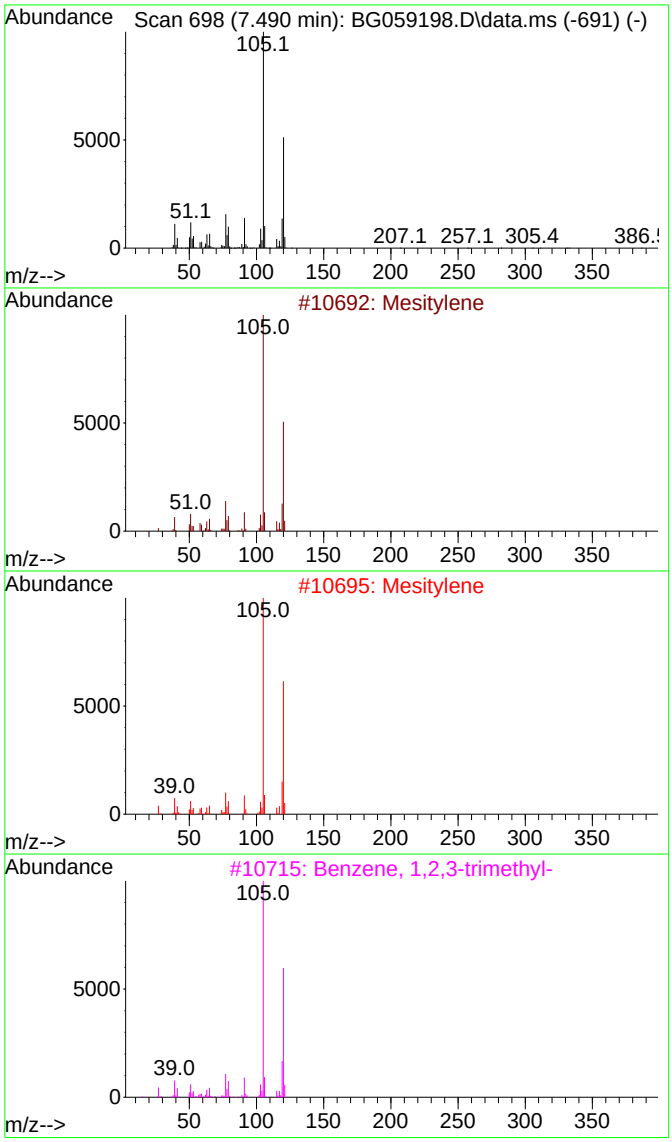
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

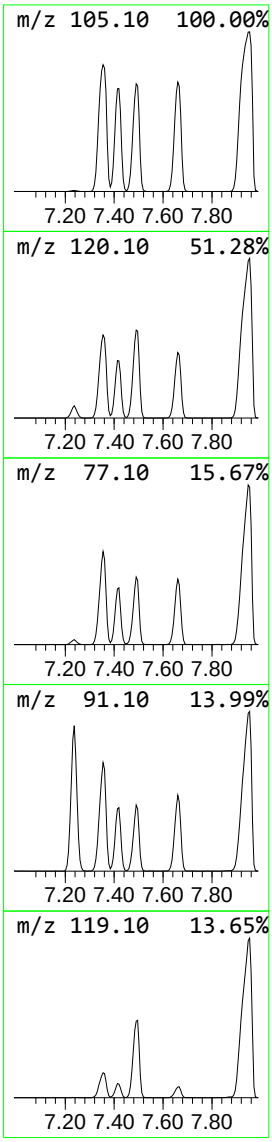
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Mesitylene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.490 | 179.88 ng/ul | 13111100 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

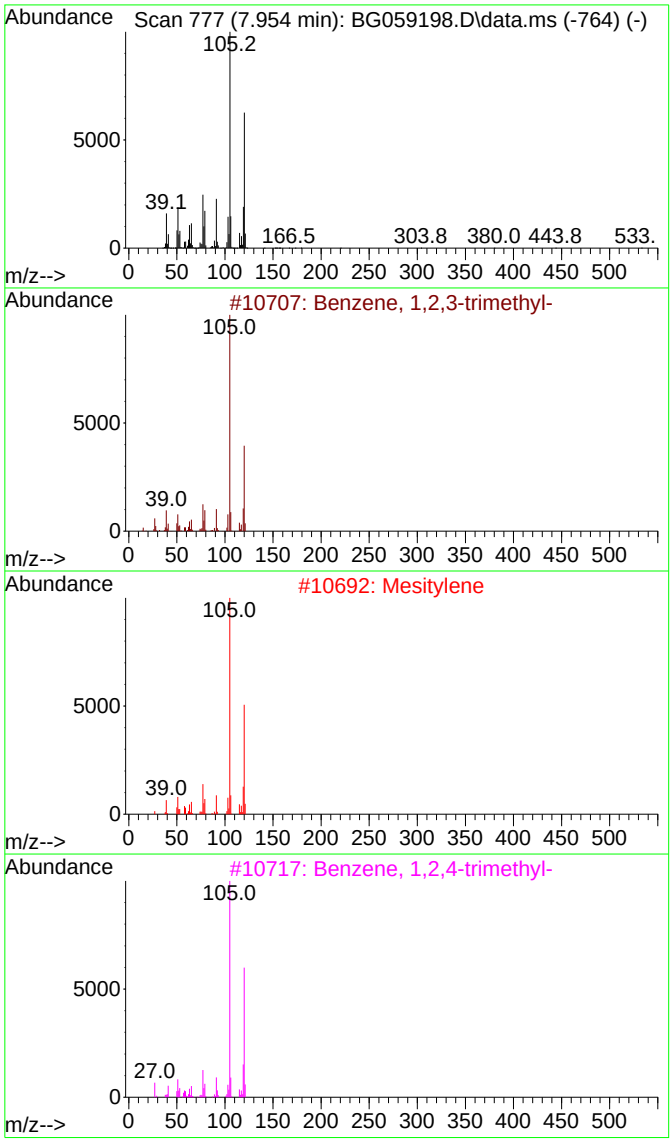
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

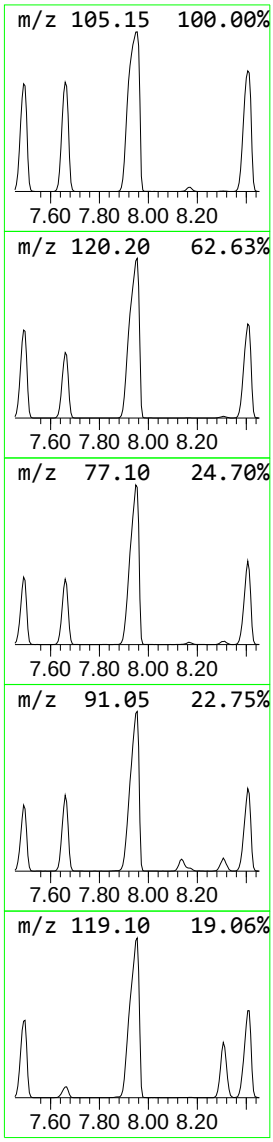
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.954 | 555.99 ng/ul | 40523800 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 90 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

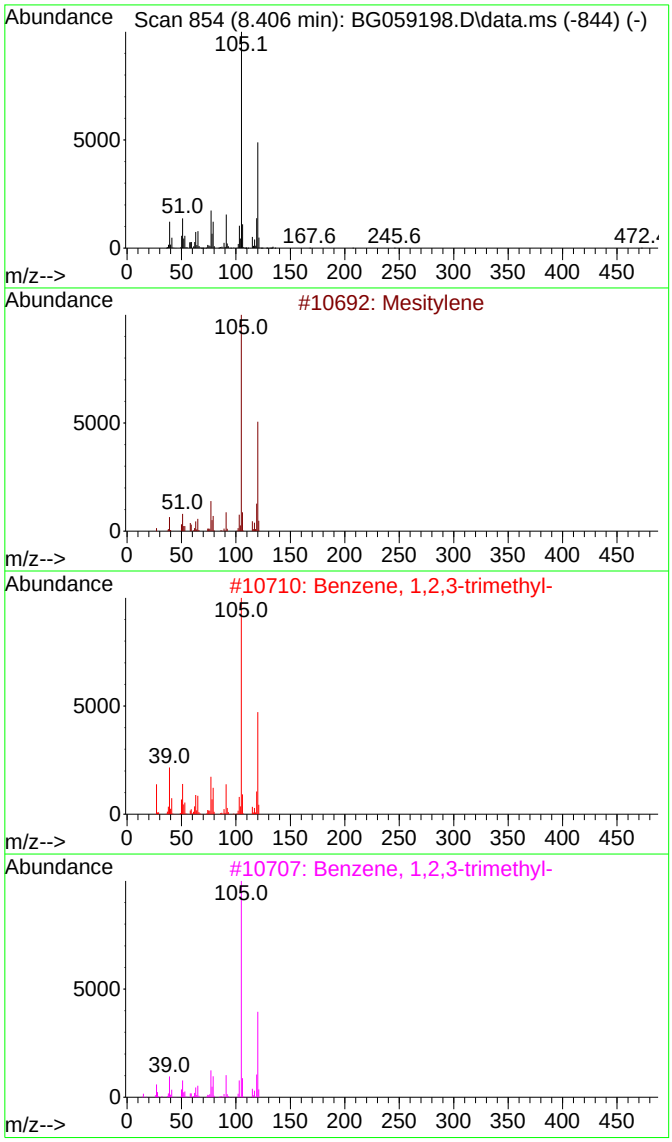
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

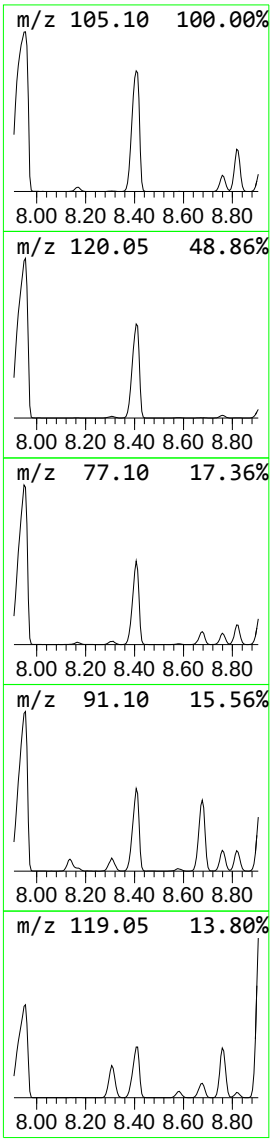
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.406 | 240.96 ng/ul | 17562300 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

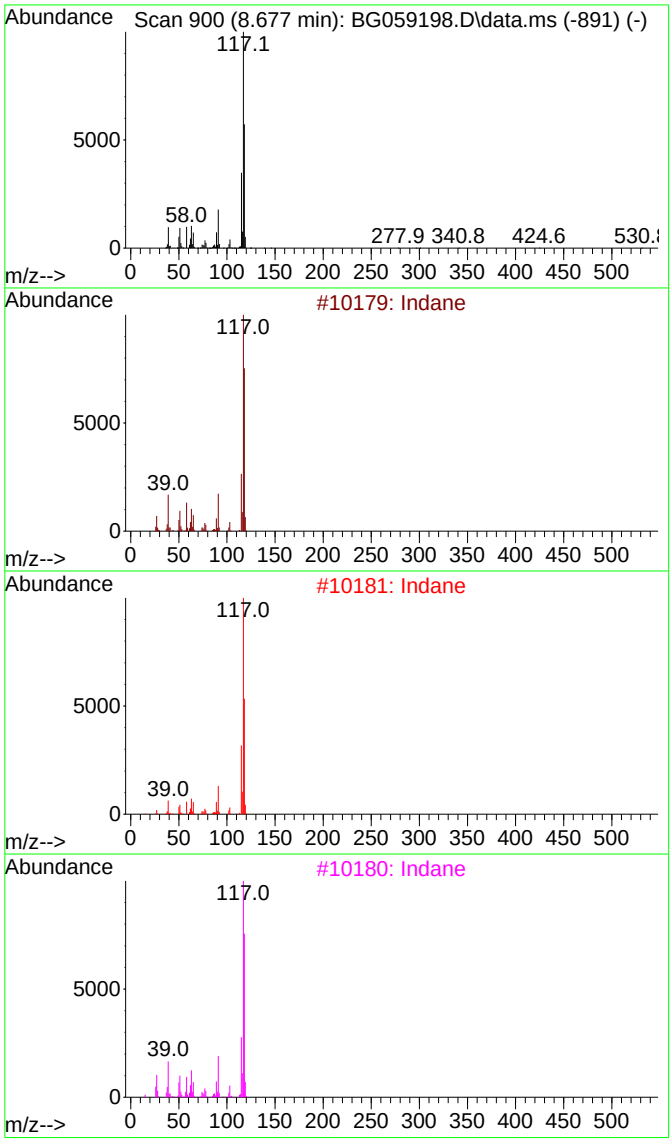
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

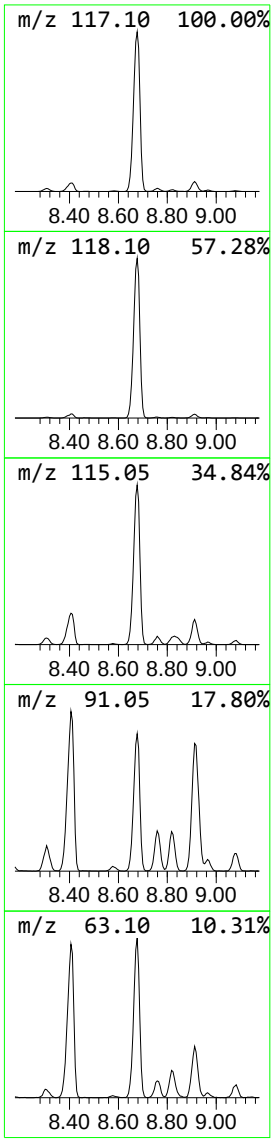
**********

Peak Number 15 Indane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.677 | 153.07 ng/ul | 11156400 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 96 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 90 |
| 4 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 80 |
| 5 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

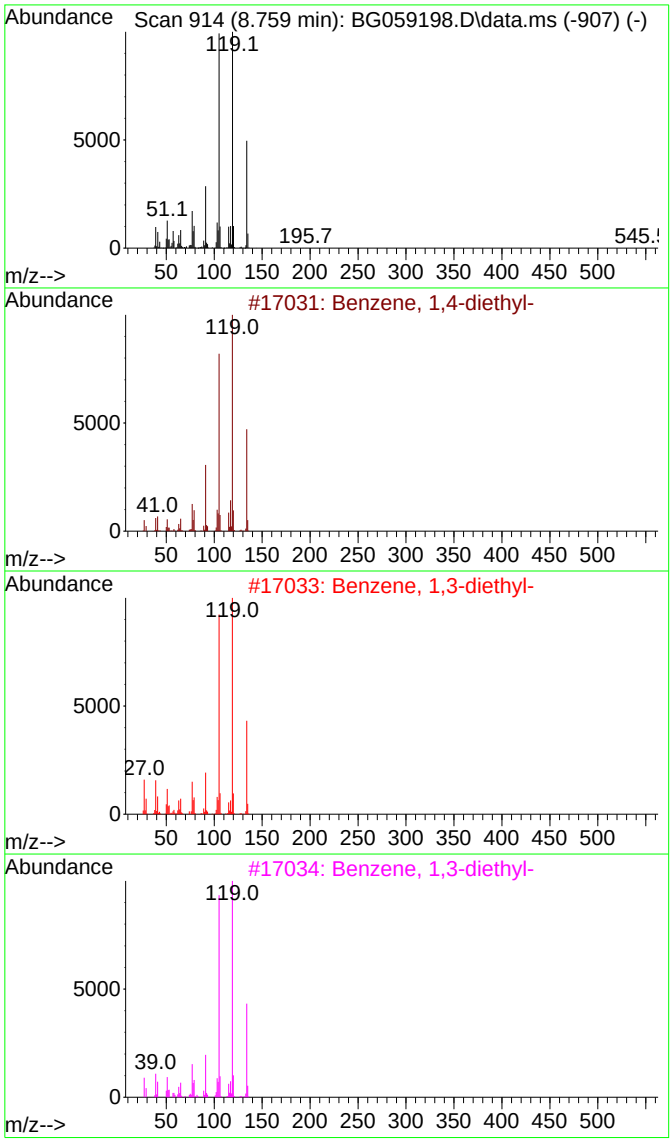
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

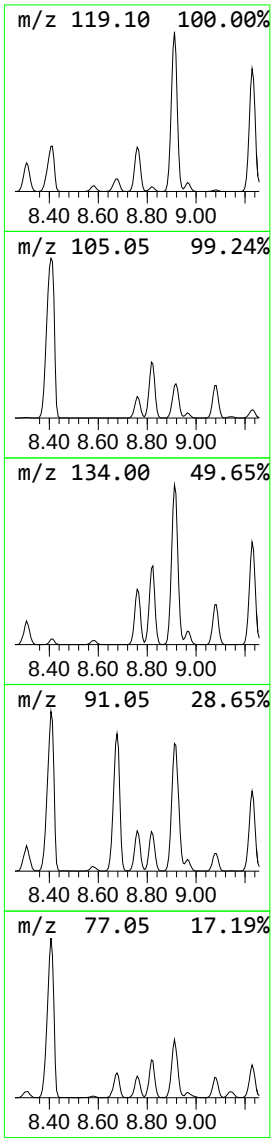
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 1,4-diethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.759 | 37.35 ng/ul | 2722400 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 97 |
| 2 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 4 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 95 |
| 5 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

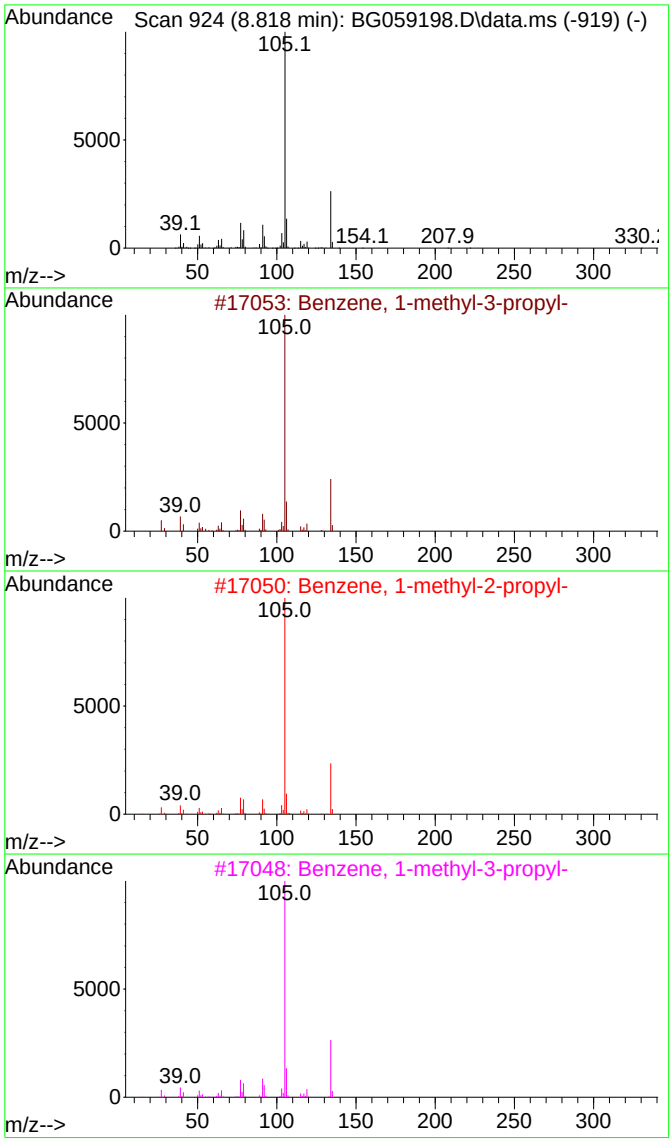
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

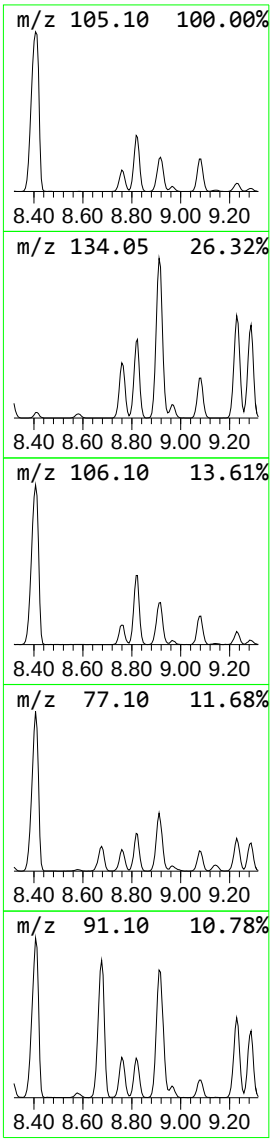
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.818 | 49.87 ng/ul | 3635020 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 95 |
| 2 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 94 |
| 3 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 94 |
| 4 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 91 |
| 5 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

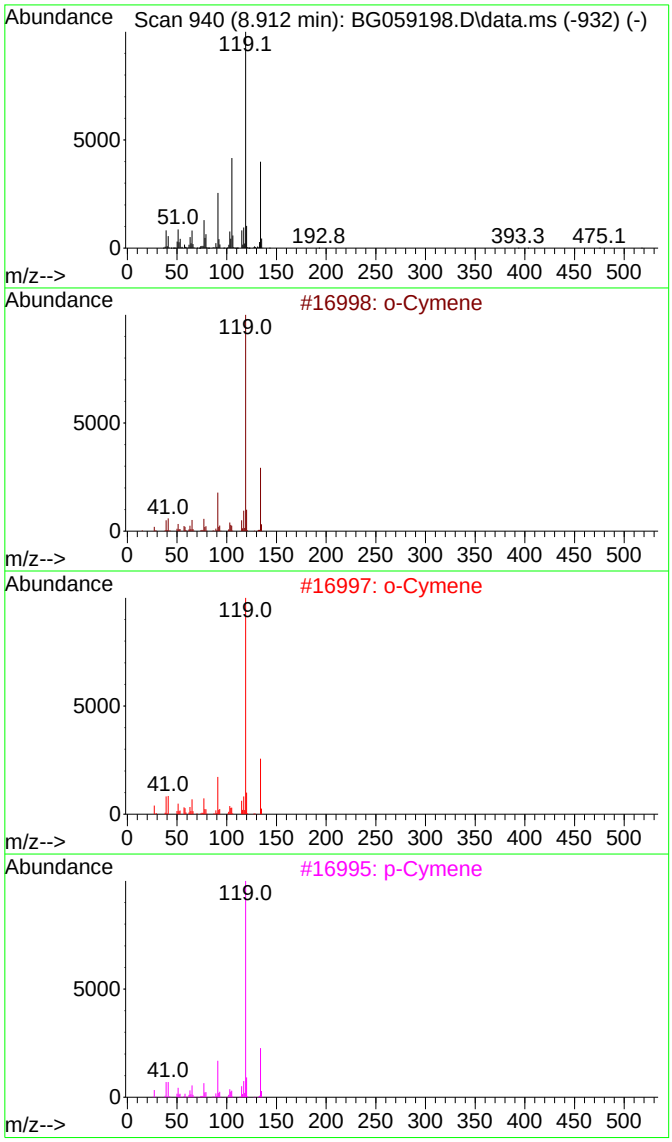
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

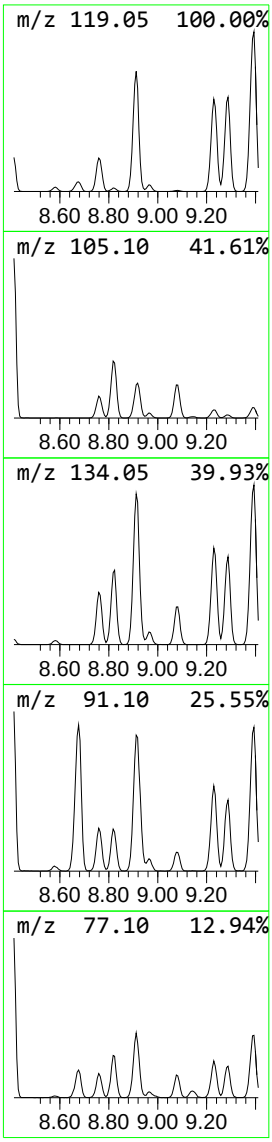
**********

Peak Number 18 o-Cymene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.912 | 109.55 ng/ul | 7984450 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

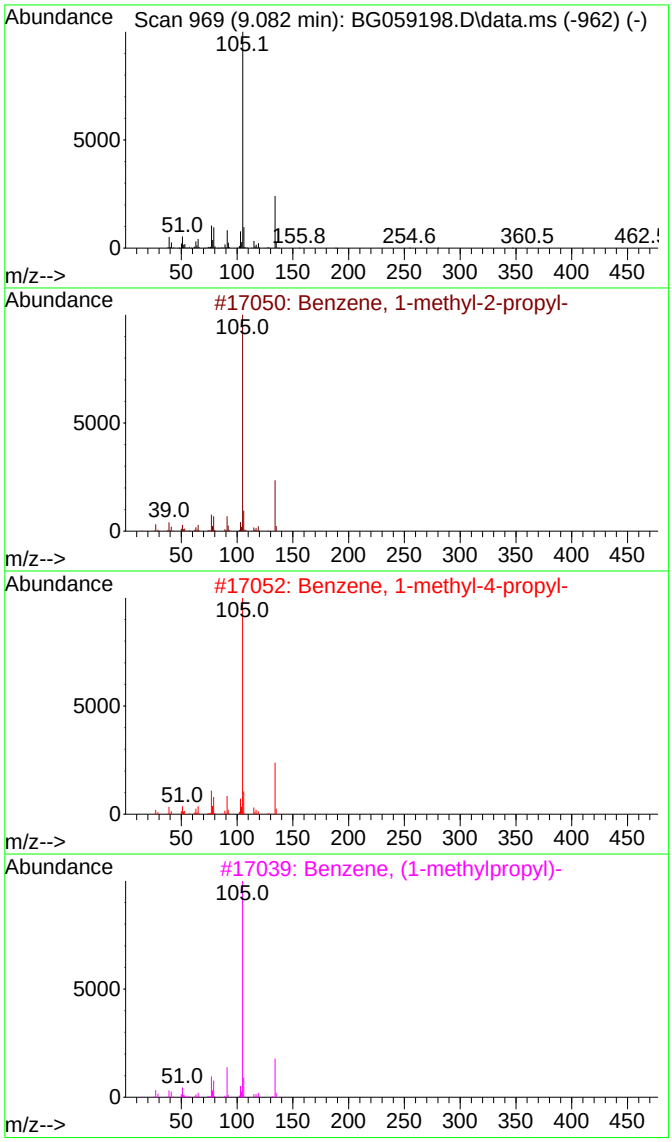
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

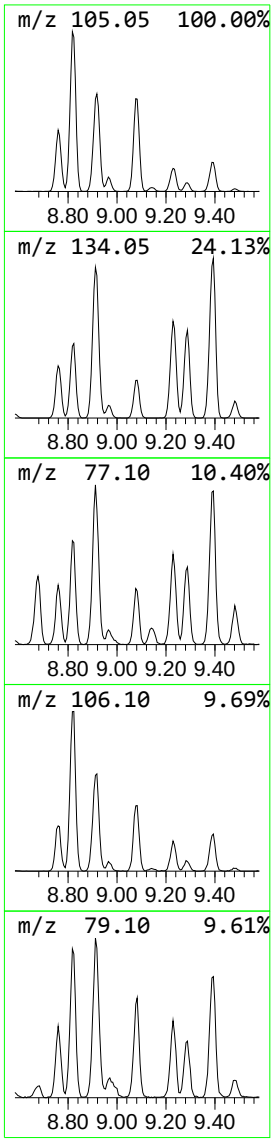
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 1-methyl-2-propyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.082 | 27.27 ng/ul | 1987290 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 94 |
| 2 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 94 |
| 3 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 4 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 5 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

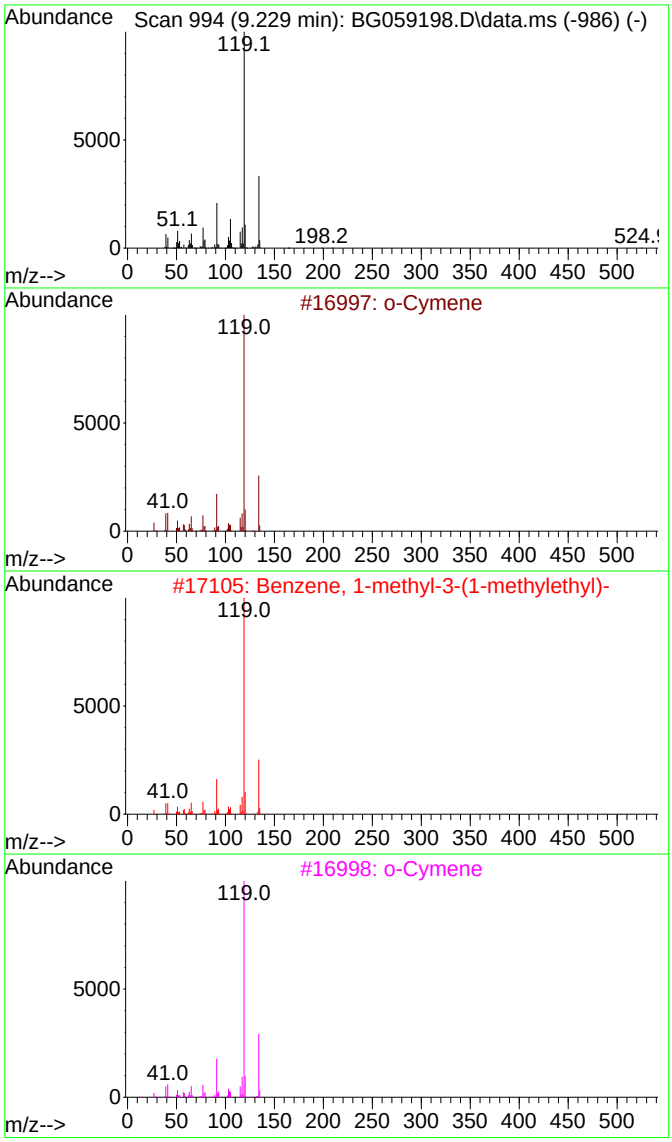
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

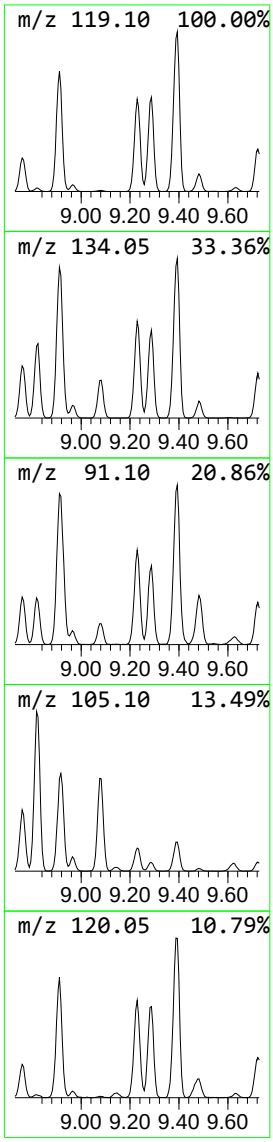
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.229 | 65.51 ng/ul | 4774920 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

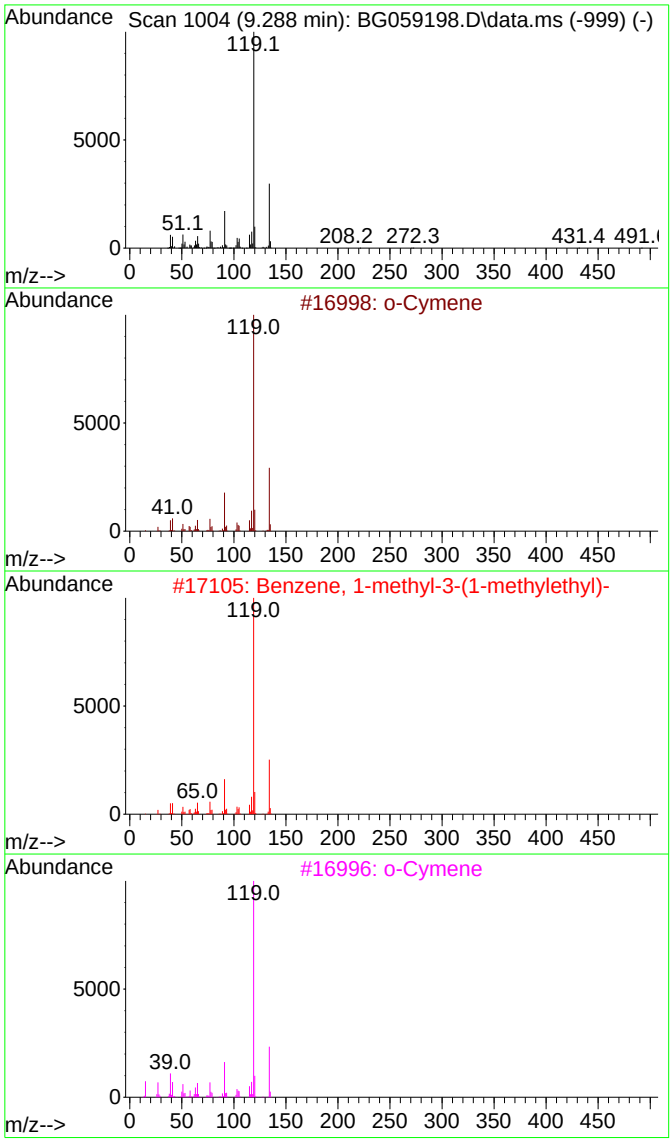
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

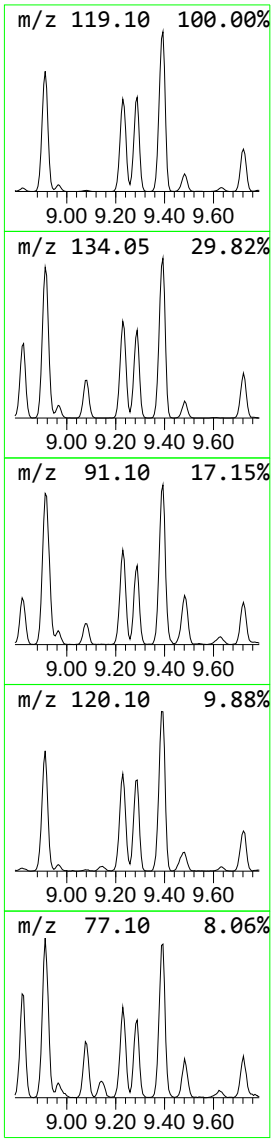
**********

Peak Number 22 p-Cymene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.288 | 57.18 ng/ul | 4167590 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 97 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

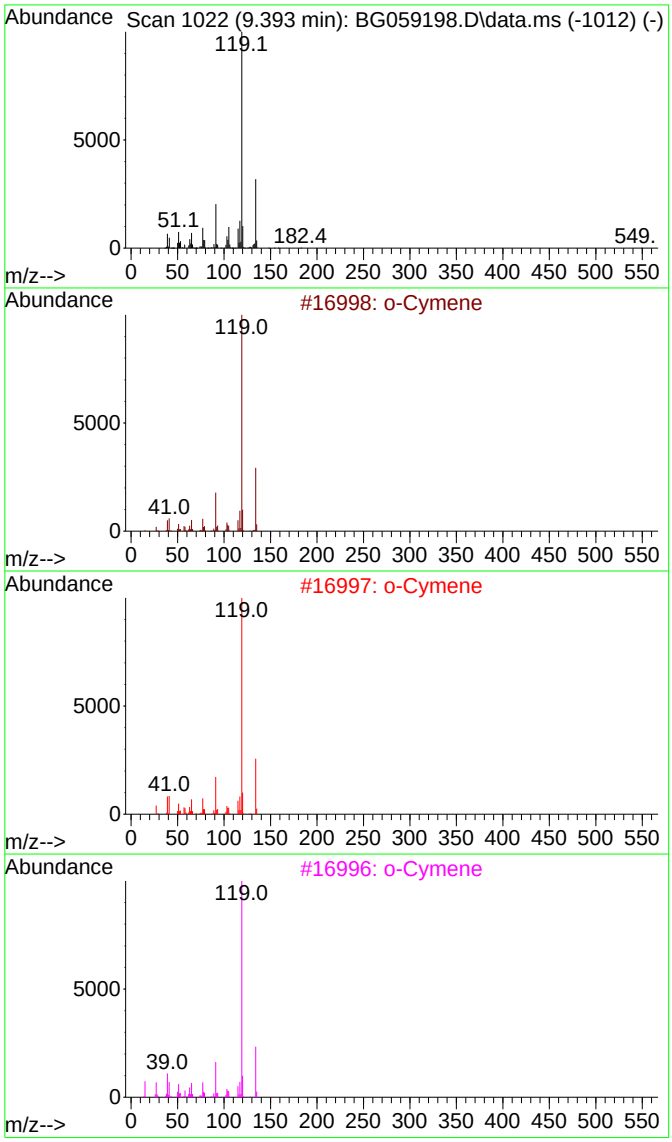
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

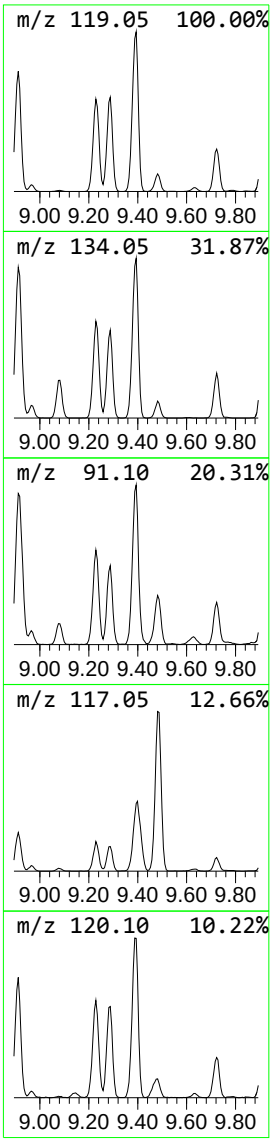
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.393 | 119.34 ng/ul | 8697910 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

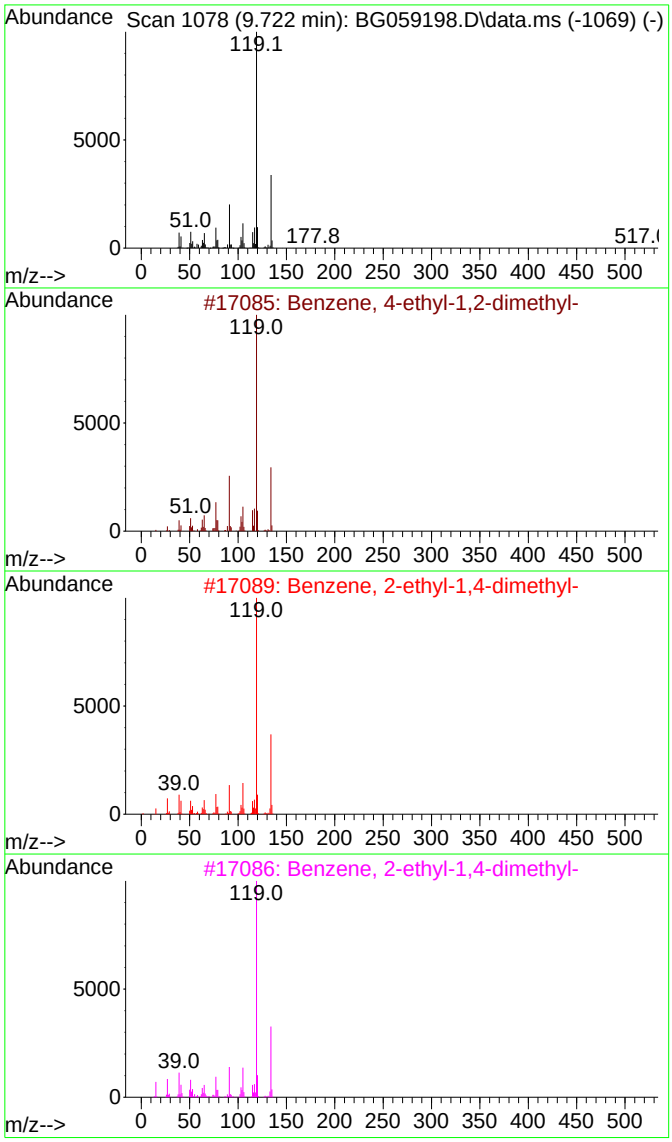
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

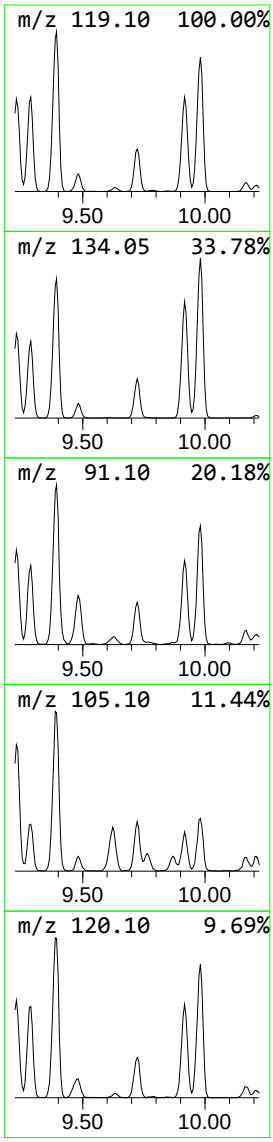
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.722 | 31.15 ng/ul | 2270230 | 1,4-Dichlorobenzene-d4 | 8.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

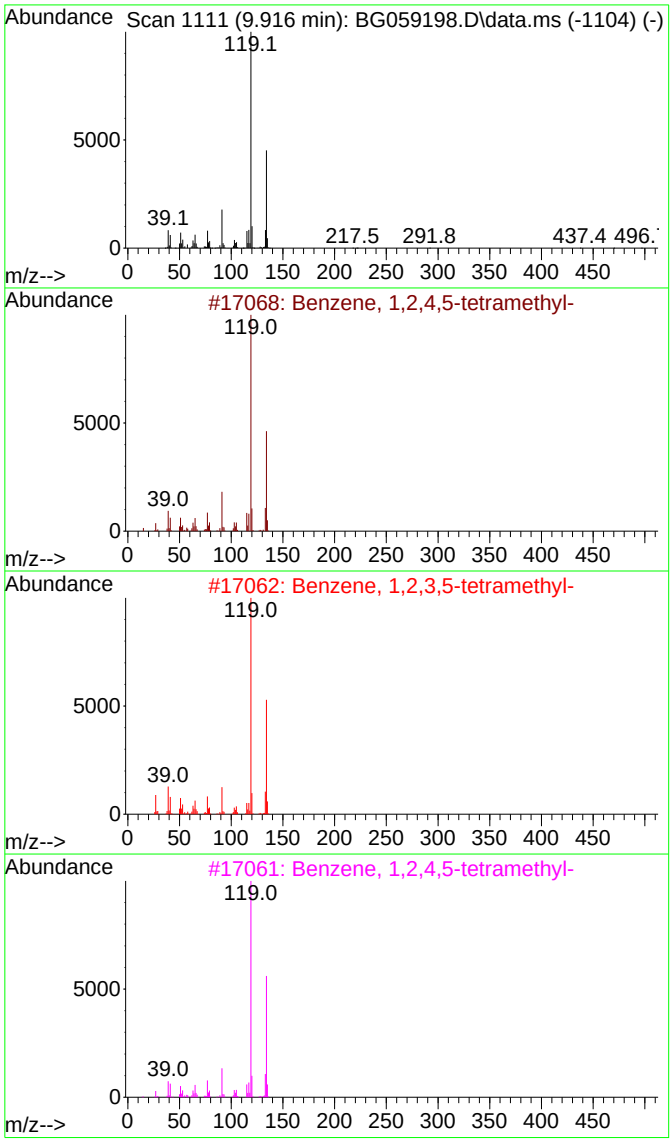
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

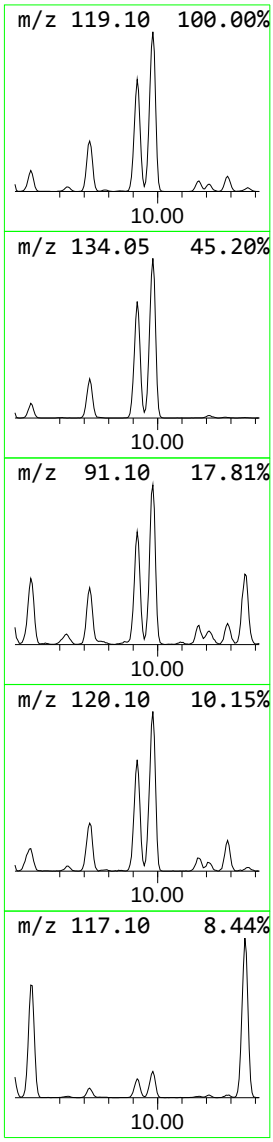
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.916 | 74.59 ng/ul | 4750070 | Naphthalene-d8 | 11.150 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

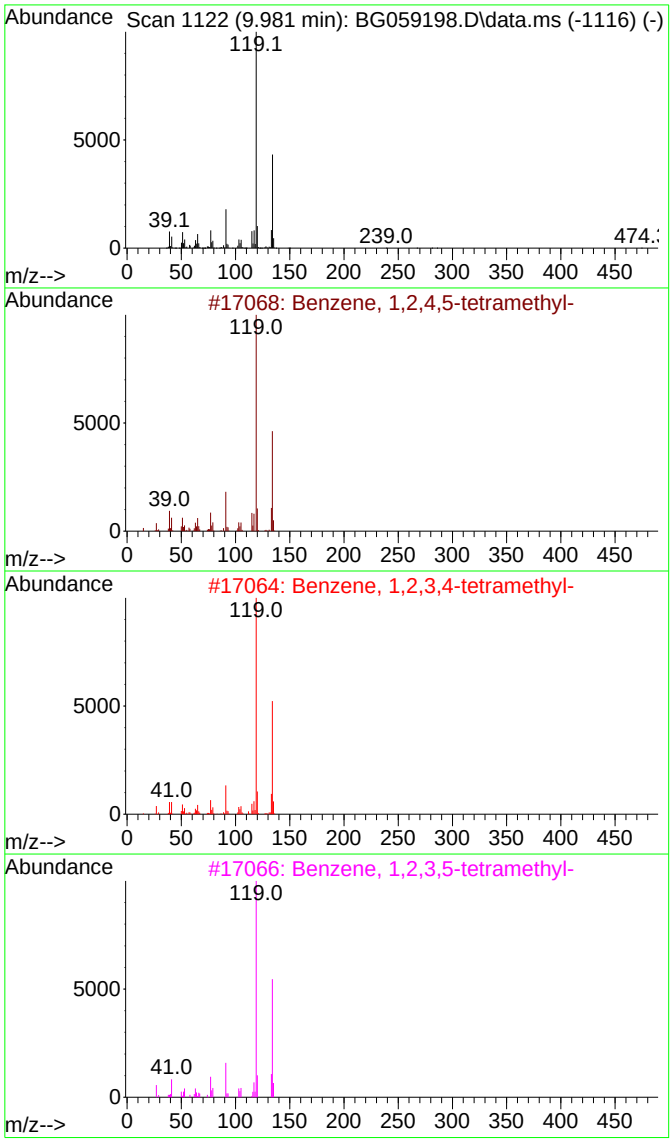
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

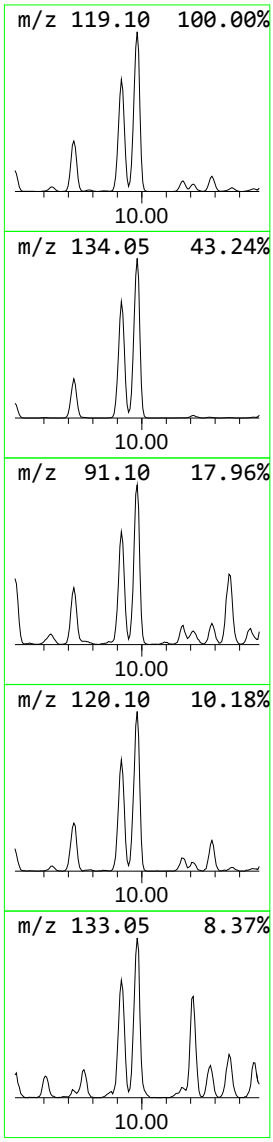
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.981 | 107.72 ng/ul | 6860410 | Naphthalene-d8 | 11.150 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 96 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

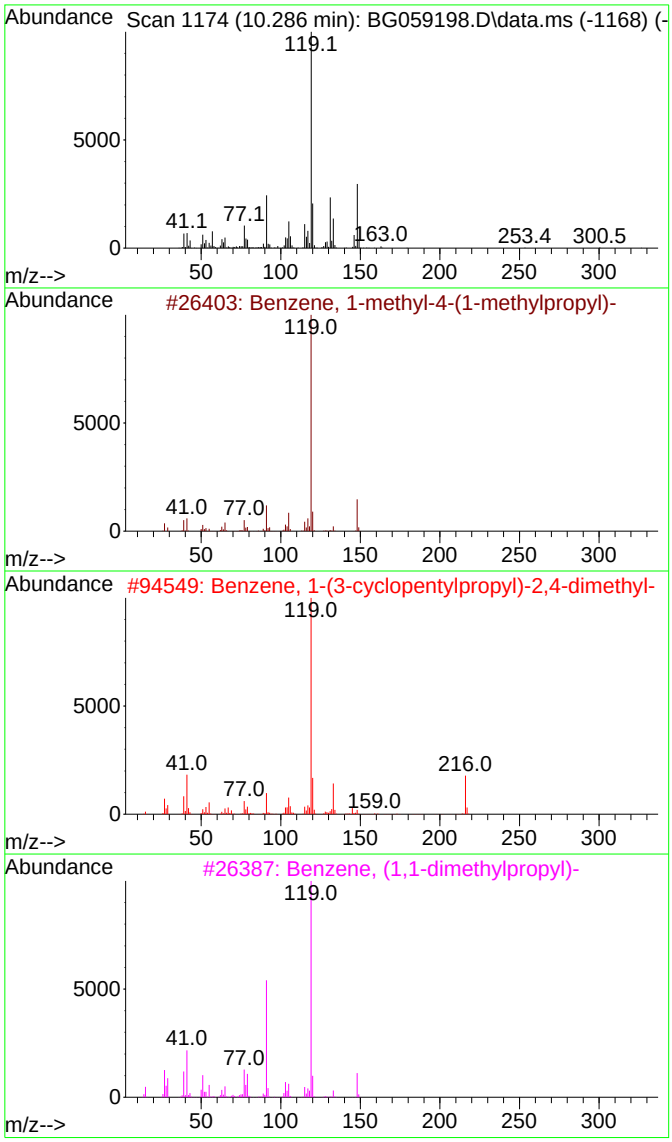
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

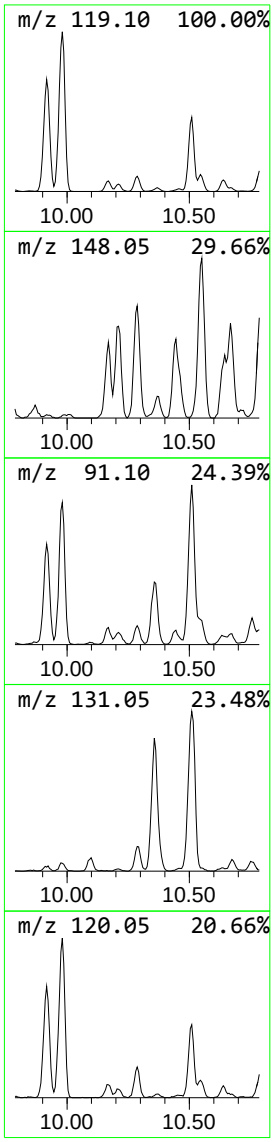
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Benzene, 1-methyl-4-(1-meth... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.286 | 14.29 ng/ul | 909925 | Naphthalene-d8 | 11.150 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 64 |
| 2 | Benzene, 1-(3-cyclopentylpropyl)... | 216 | C16H24 | 054815-16-6 | 53 |
| 3 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 53 |
| 4 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 53 |
| 5 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

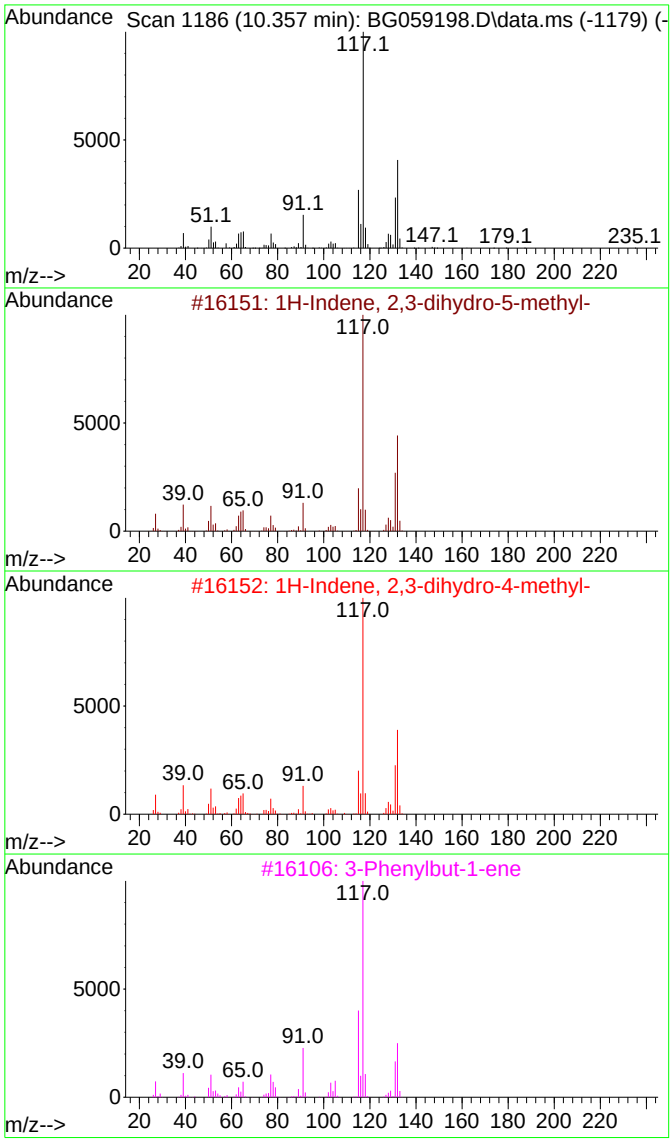
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

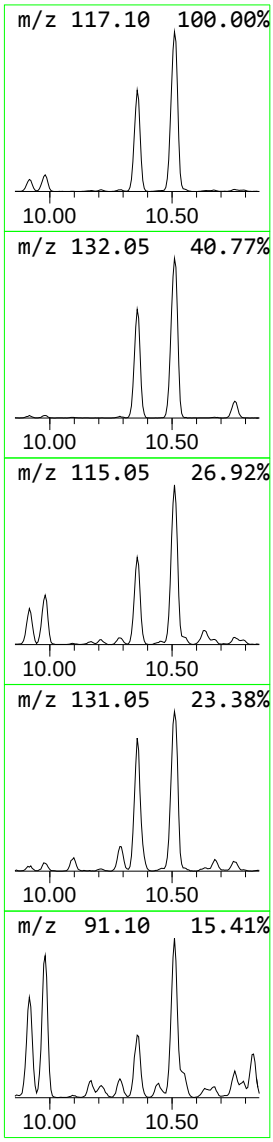
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.357 | 66.91 ng/ul | 4261430 | Naphthalene-d8 | 11.150 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 95 |
| 2 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 95 |
| 3 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 90 |
| 4 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 87 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

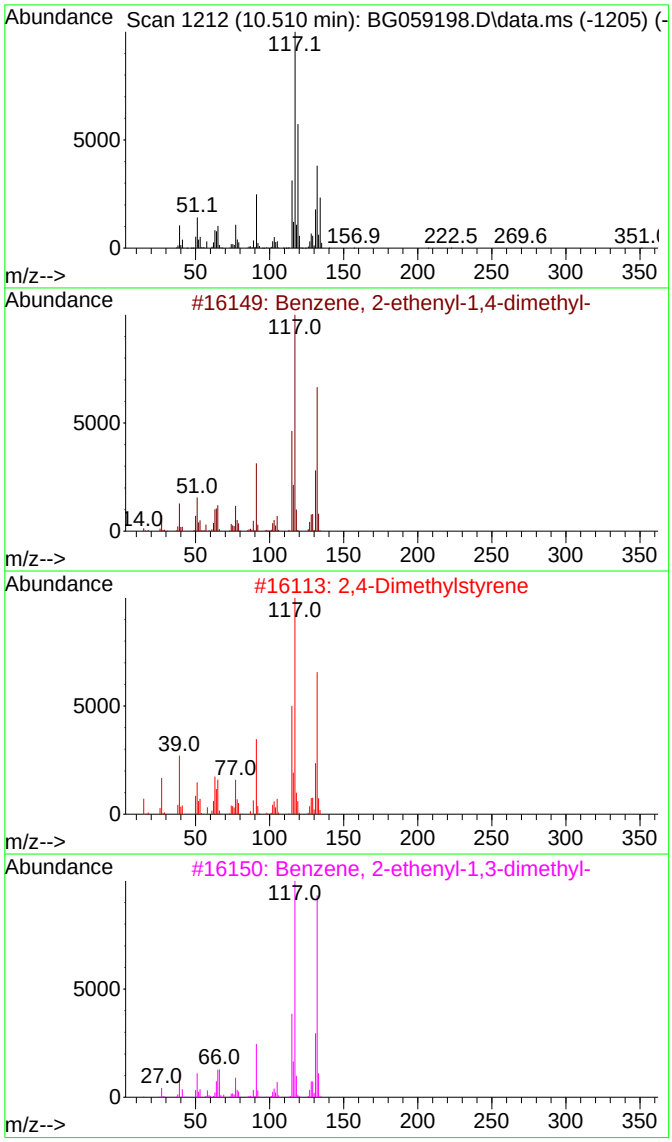
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

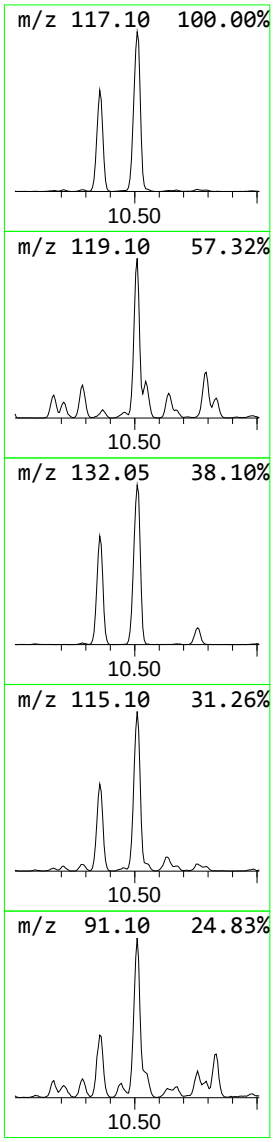
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.510 | 142.33 ng/ul | 9064000 | Naphthalene-d8 | 11.150 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 95 |
| 2 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 95 |
| 3 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 93 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 93 |
| 5 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

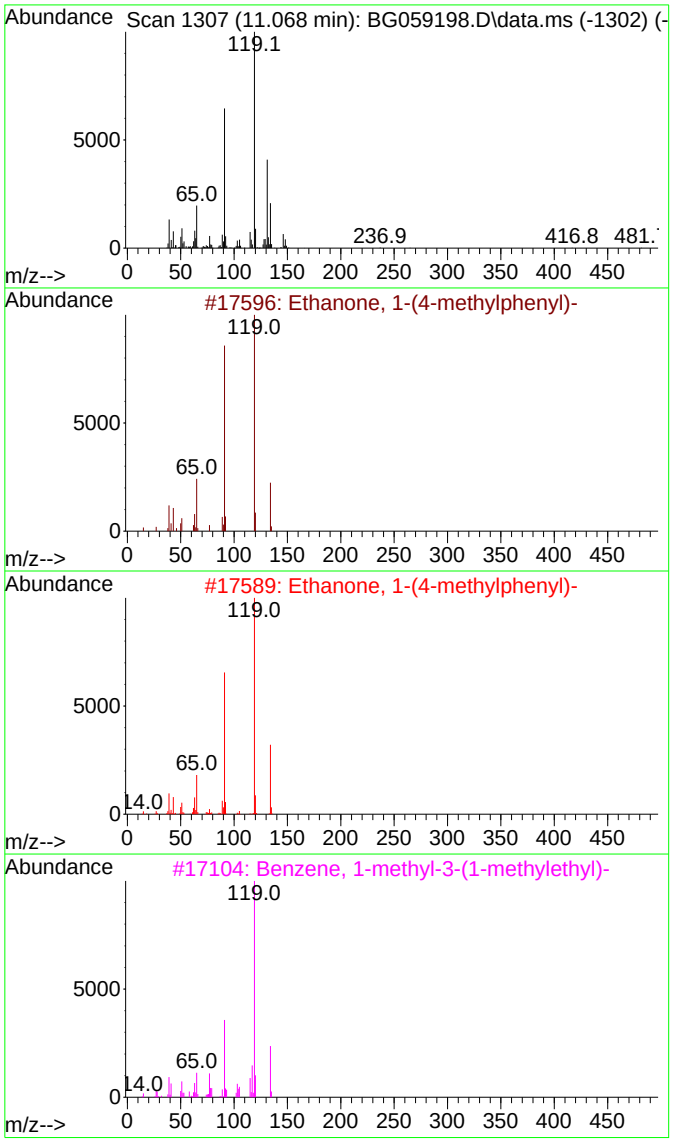
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

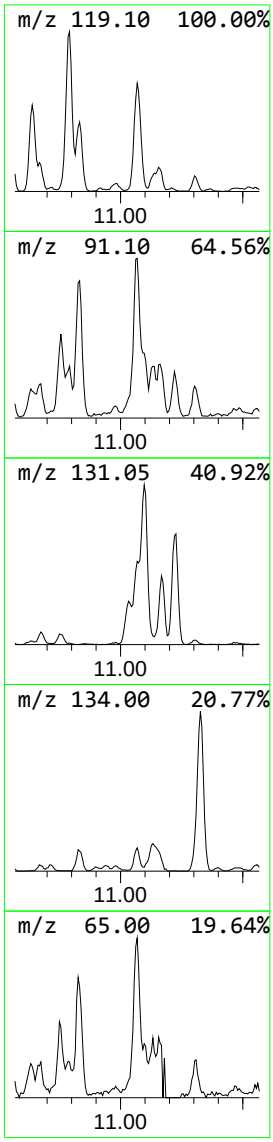
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Ethanone, 1-(4-methylphenyl)- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.068 | 20.59 ng/ul | 1311280 | Naphthalene-d8 | 11.150 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-(4-methylphenyl)- | 134 | C9H10O | 000122-00-9 | 64 |
| 2 | Ethanone, 1-(4-methylphenyl)- | 134 | C9H10O | 000122-00-9 | 49 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 49 |
| 4 | Ethanone, 1-(3-methylphenyl)- | 134 | C9H10O | 000585-74-0 | 49 |
| 5 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

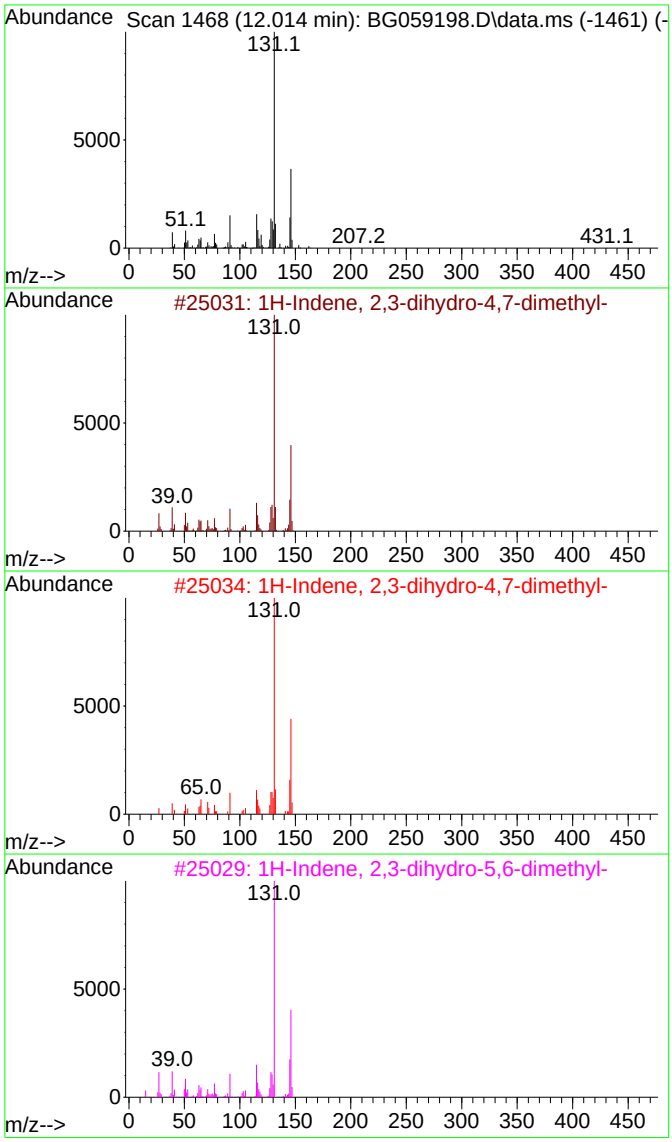
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

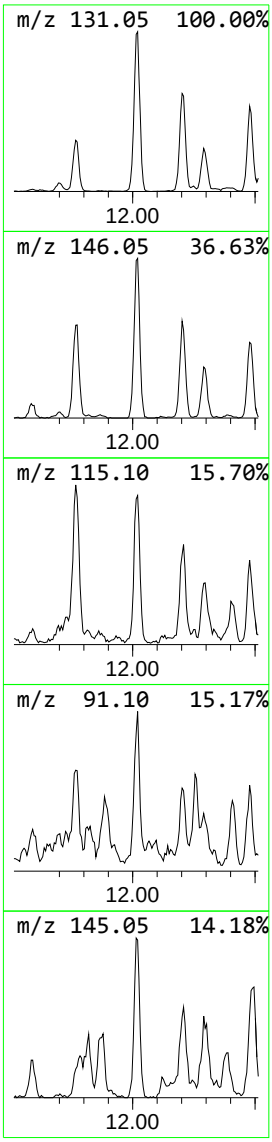
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.014 | 19.45 ng/ul | 1238720 | Naphthalene-d8 | 11.150 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 97 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 96 |
| 3 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 95 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 93 |
| 5 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

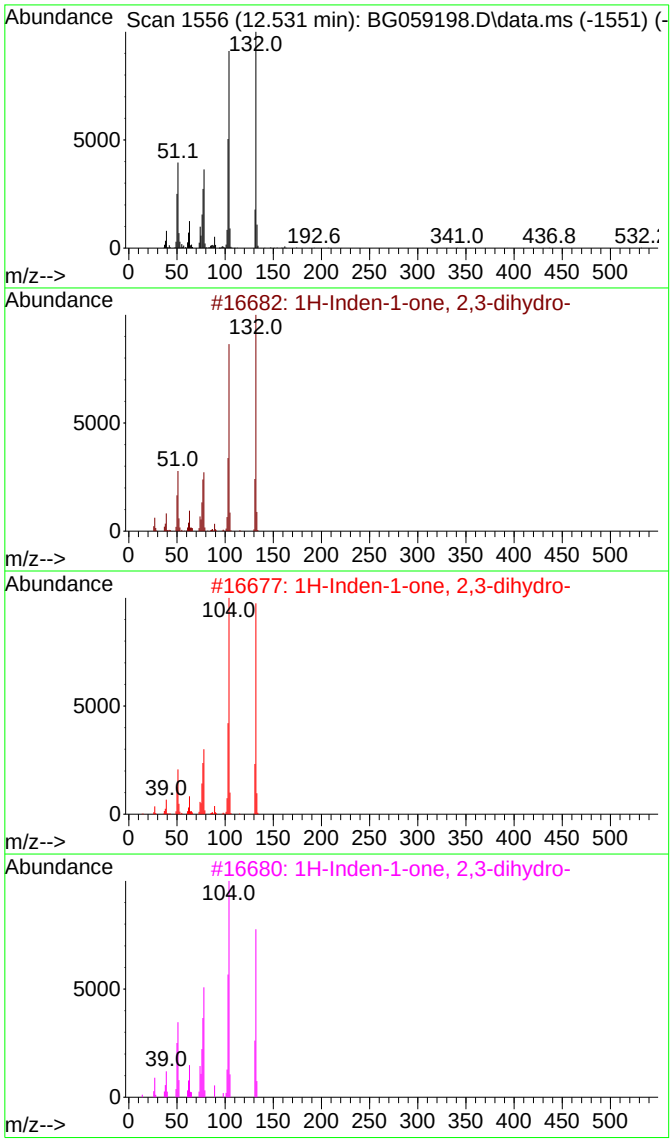
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

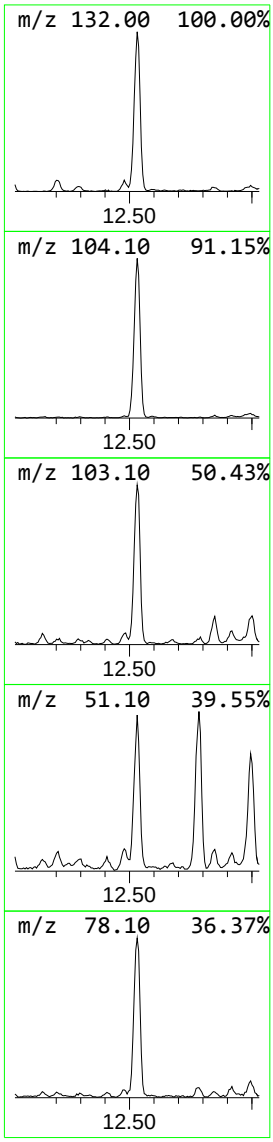
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.531 | 26.66 ng/ul | 1697710 | Naphthalene-d8 | 11.150 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 95 |
| 2 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 94 |
| 3 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 90 |
| 4 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 87 |
| 5 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

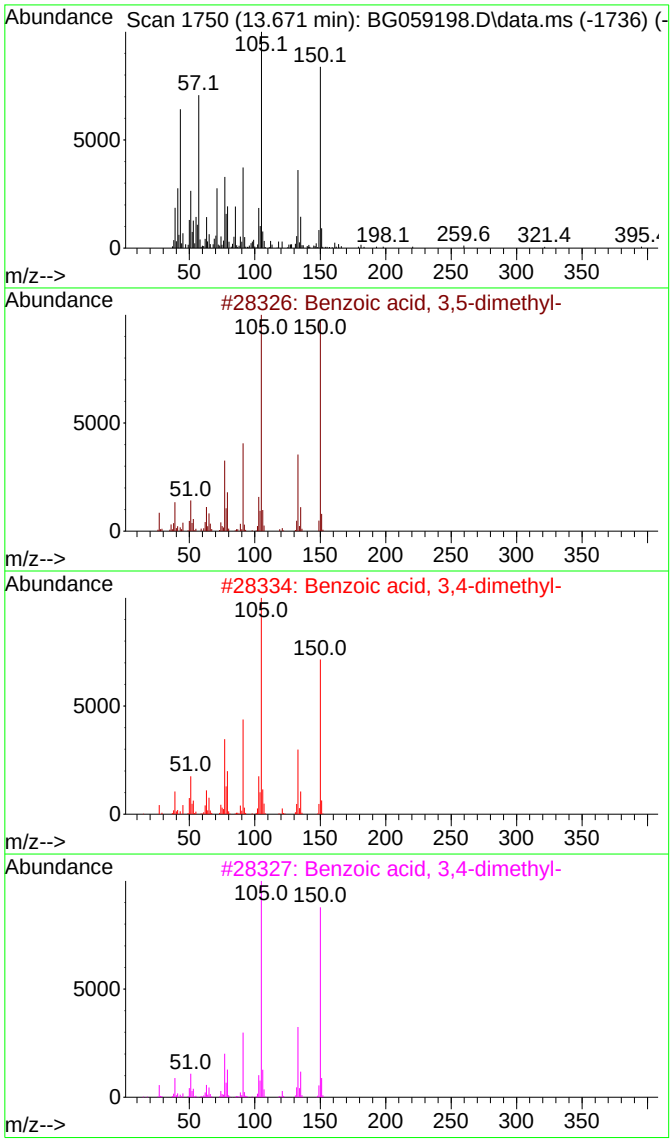
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

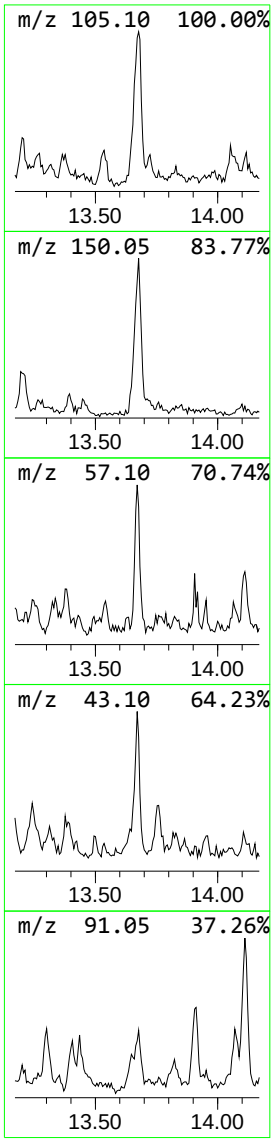
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 Benzoic acid, 3,5-dimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.671 | 16.20 ng/ul | 637301 | Acenaphthene-d10 | 14.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 3,5-dimethyl- | 150 | C9H10O2 | 000499-06-9 | 93 |
| 2 | Benzoic acid, 3,4-dimethyl- | 150 | C9H10O2 | 000619-04-5 | 93 |
| 3 | Benzoic acid, 3,4-dimethyl- | 150 | C9H10O2 | 000619-04-5 | 90 |
| 4 | Benzoic acid, 3,5-dimethyl- | 150 | C9H10O2 | 000499-06-9 | 90 |
| 5 | Benzoic acid, 2,5-dimethyl- | 150 | C9H10O2 | 000610-72-0 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

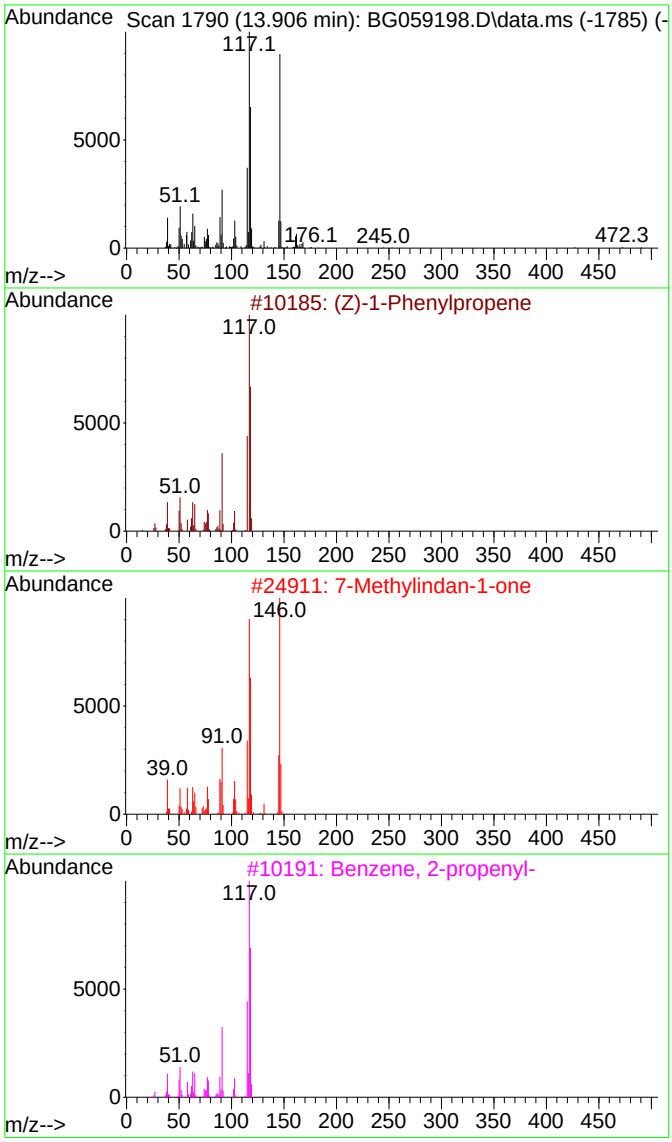
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

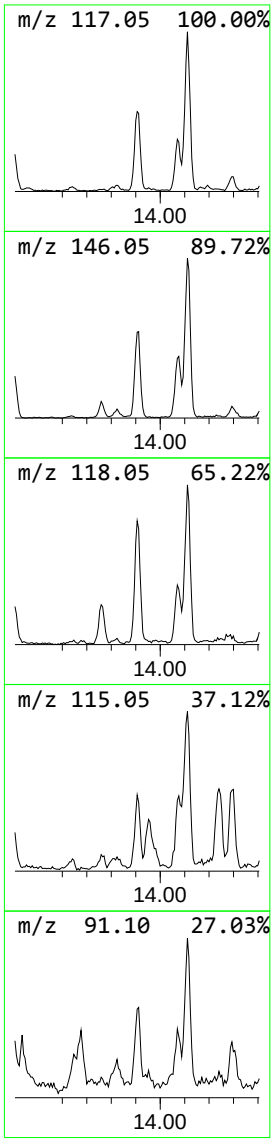
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 (Z)-1-Phenylpropene Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.906 | 14.69 ng/ul | 577844 | Acenaphthene-d10 | 14.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (Z)-1-Phenylpropene | 118 | C9H10 | 000766-90-5 | 90 |
| 2 | 7-Methylindan-1-one | 146 | C10H10O | 039627-61-7 | 83 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 70 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 70 |
| 5 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

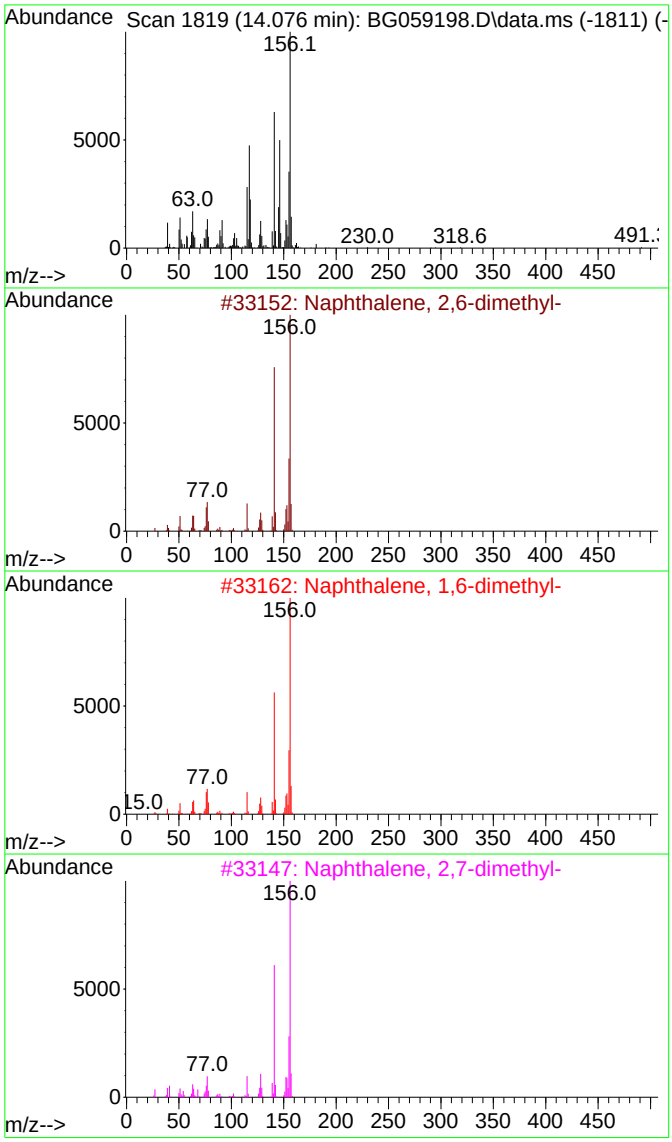
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

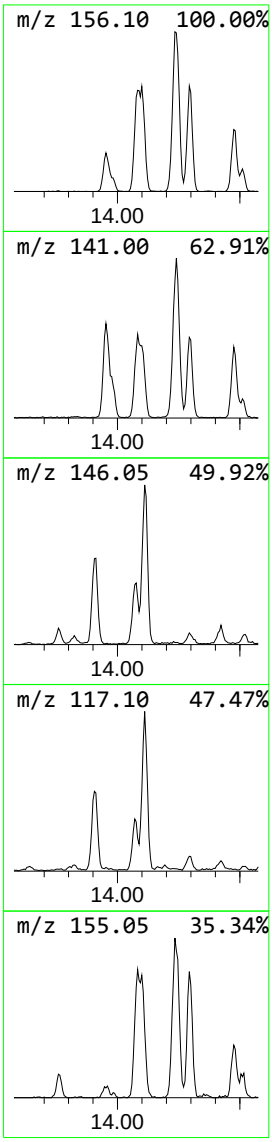
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 60 Naphthalene, 2,6-dimethyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.076 | 24.40 ng/ul | 959837 | Acenaphthene-d10 | 14.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 95 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 95 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

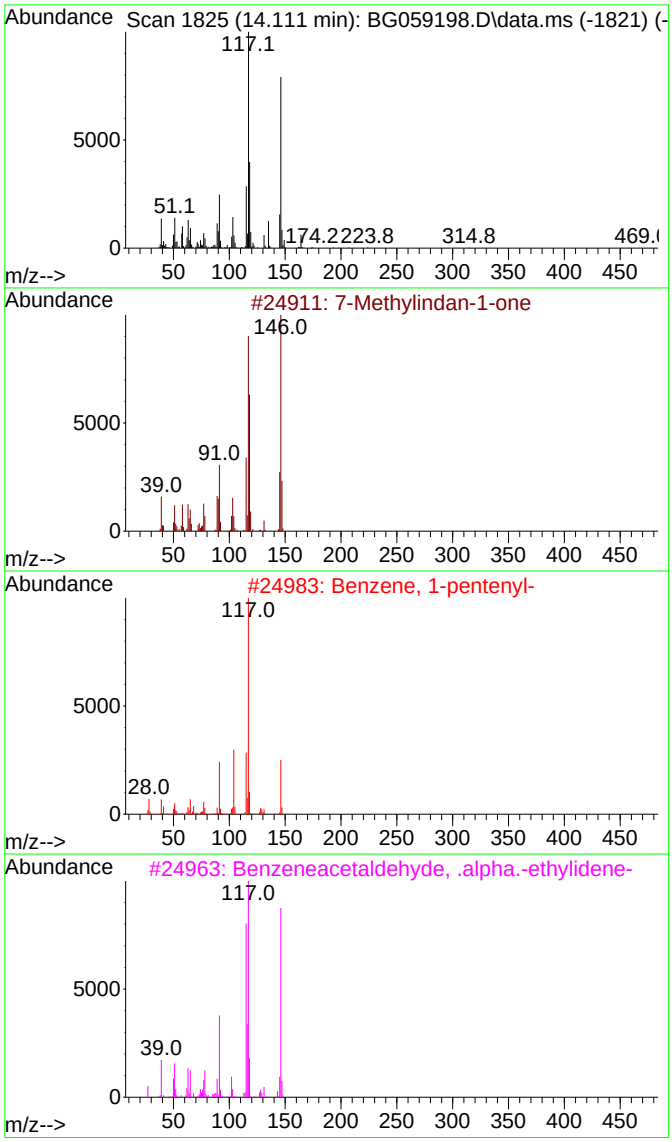
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

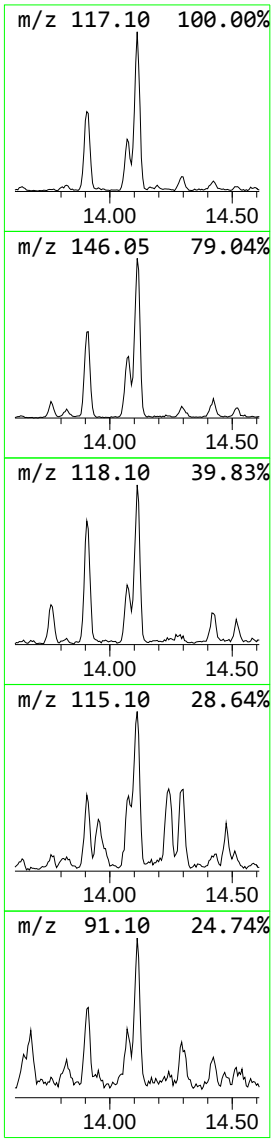
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 61 7-Methylindan-1-one Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.111 | 40.04 ng/ul | 1575220 | Acenaphthene-d10 | 14.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Methylindan-1-one | 146 | C10H10O | 039627-61-7 | 89 |
| 2 | Benzene, 1-pentenyl- | 146 | C11H14 | 000826-18-6 | 58 |
| 3 | Benzeneacetaldehyde, .alpha.-eth... | 146 | C10H10O | 004411-89-6 | 58 |
| 4 | Benzene, 1-pentenyl- | 146 | C11H14 | 000826-18-6 | 52 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

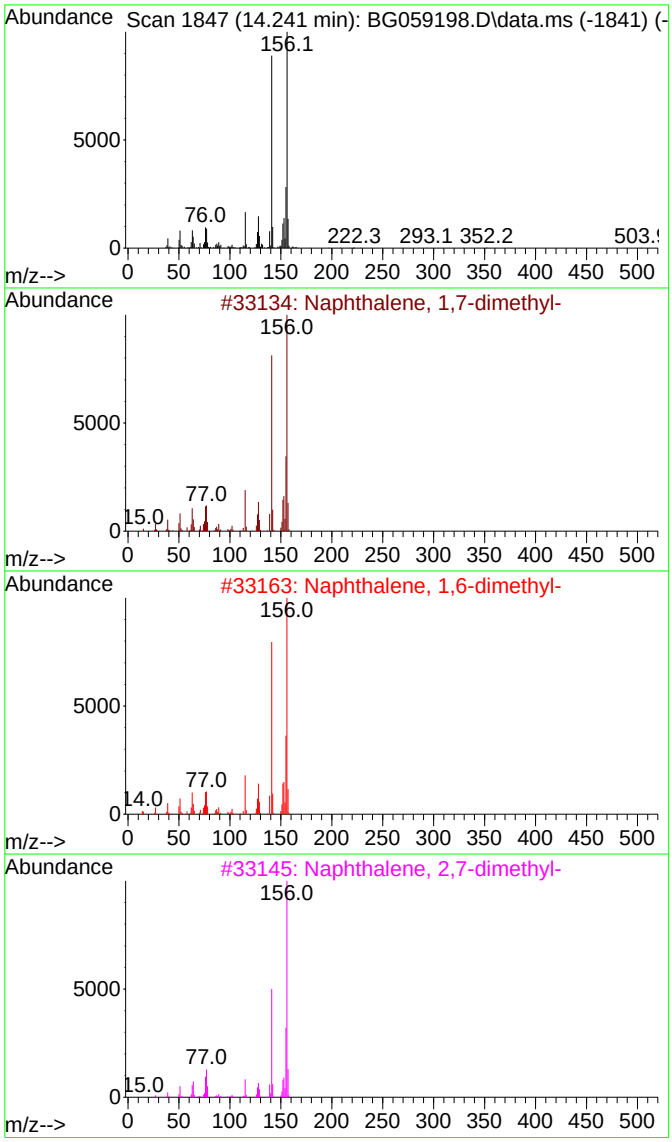
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

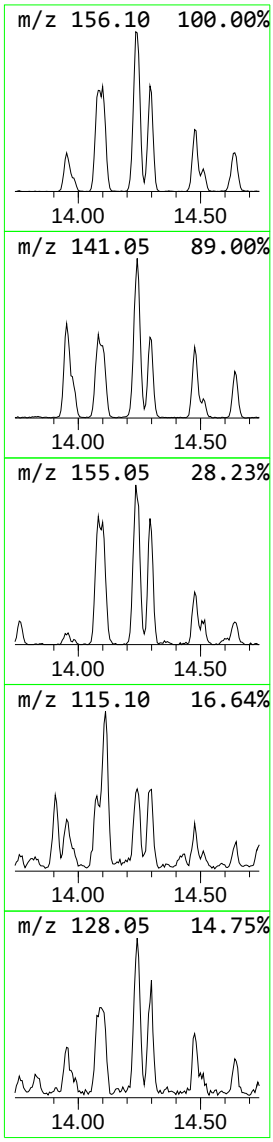
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 62 Naphthalene, 1,7-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.241 | 29.18 ng/ul | 1147760 | Acenaphthene-d10 | 14.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 98 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 98 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

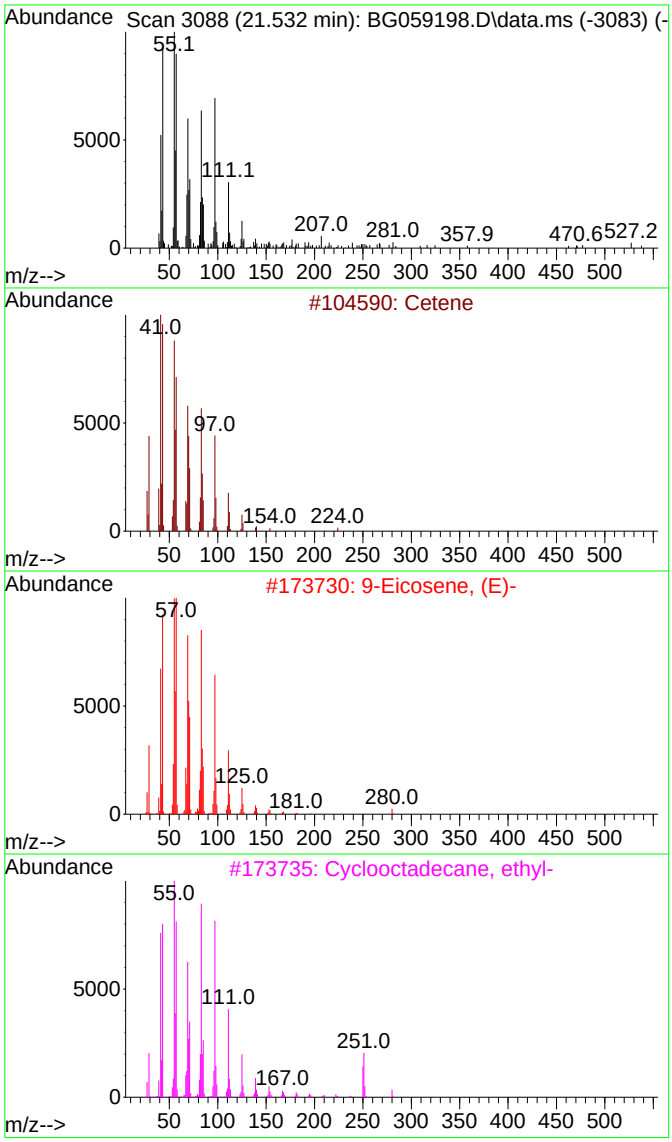
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

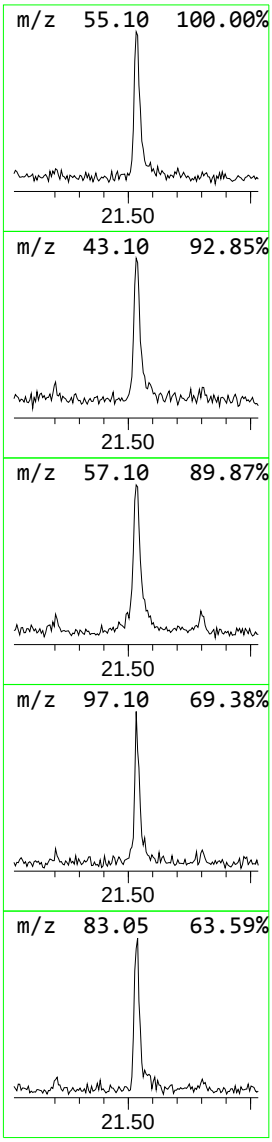
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.532 | 9.03 ng/ul | 271885 | Chrysene-d12 | 21.996 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cetene | 224 | C16H32 | 000629-73-2 | 92 |
| 2 | 9-Eicosene, (E)- | 280 | C20H40 | 074685-29-3 | 91 |
| 3 | Cyclooctadecane, ethyl- | 280 | C20H40 | 1000151-22-5 | 87 |
| 4 | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 83 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 80 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059198.D
Acq On : 26 Sep 2023 15:00
Operator : MA/JU
Sample : 04450-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBKA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA 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 |
| Ethylbenzene | 5.745 | 177.9 | ng/ul | 12967400 | 1 | 8.306 | 1457720 | 20.0 |
| o-Xylene | 5.903 | 432.7 | ng/ul | 31535100 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, (1-met... | 6.732 | 16.8 | ng/ul | 1221630 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, propyl- | 7.237 | 34.5 | ng/ul | 2515850 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 1-ethy... | 7.355 | 245.7 | ng/ul | 17908000 | 1 | 8.306 | 1457720 | 20.0 |
| Mesitylene | 7.490 | 179.9 | ng/ul | 13111100 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 1,2,3-... | 7.954 | 556.0 | ng/ul | 40523800 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 1,2,4-... | 8.406 | 241.0 | ng/ul | 17562300 | 1 | 8.306 | 1457720 | 20.0 |
| Indane | 8.677 | 153.1 | ng/ul | 11156400 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 1,4-di... | 8.759 | 37.4 | ng/ul | 2722400 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 1-meth... | 8.818 | 49.9 | ng/ul | 3635020 | 1 | 8.306 | 1457720 | 20.0 |
| o-Cymene | 8.912 | 109.6 | ng/ul | 7984450 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 1-meth... | 9.082 | 27.3 | ng/ul | 1987290 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 1-meth... | 9.229 | 65.5 | ng/ul | 4774920 | 1 | 8.306 | 1457720 | 20.0 |
| p-Cymene | 9.288 | 57.2 | ng/ul | 4167590 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 4-ethy... | 9.393 | 119.3 | ng/ul | 8697910 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 2-ethy... | 9.722 | 31.1 | ng/ul | 2270230 | 1 | 8.306 | 1457720 | 20.0 |
| Benzene, 1,2,4,... | 9.916 | 74.6 | ng/ul | 4750070 | 2 | 11.150 | 1273700 | 20.0 |
| Benzene, 1,2,3,... | 9.981 | 107.7 | ng/ul | 6860410 | 2 | 11.150 | 1273700 | 20.0 |
| Benzene, 1-meth... | 10.286 | 14.3 | ng/ul | 909925 | 2 | 11.150 | 1273700 | 20.0 |
| 1H-Indene, 2,3-... | 10.357 | 66.9 | ng/ul | 4261430 | 2 | 11.150 | 1273700 | 20.0 |
| Benzene, 2-ethe... | 10.510 | 142.3 | ng/ul | 9064000 | 2 | 11.150 | 1273700 | 20.0 |
| Ethanone, 1-(4-... | 11.068 | 20.6 | ng/ul | 1311280 | 2 | 11.150 | 1273700 | 20.0 |
| 1H-Indene, 2,3-... | 12.014 | 19.4 | ng/ul | 1238720 | 2 | 11.150 | 1273700 | 20.0 |
| 1H-Inden-1-one,... | 12.531 | 26.7 | ng/ul | 1697710 | 2 | 11.150 | 1273700 | 20.0 |
| Benzoic acid, 3... | 13.671 | 16.2 | ng/ul | 637301 | 3 | 14.928 | 786737 | 20.0 |
| (Z)-1-Phenylpro... | 13.906 | 14.7 | ng/ul | 577844 | 3 | 14.928 | 786737 | 20.0 |
| Naphthalene, 2,... | 14.076 | 24.4 | ng/ul | 959837 | 3 | 14.928 | 786737 | 20.0 |
| 7-Methylindan-1... | 14.111 | 40.0 | ng/ul | 1575220 | 3 | 14.928 | 786737 | 20.0 |
| Naphthalene, 1,... | 14.241 | 29.2 | ng/ul | 1147760 | 3 | 14.928 | 786737 | 20.0 |
| (DEL) Alkane: S... | 21.532 | 9.0 | ng/ul | 271885 | 5 | 21.996 | 602424 | 20.0 |