LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BGKP5

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-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051394.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.300 | 131 | 138 | 149 | rBV | 243726 | 393495 | 2.83% | 0.479% |
| 2 | 5.651 | 361 | 368 | 376 | rVV | 326505 | 521033 | 3.75% | 0.635% |
| 3 | 5.786 | 384 | 391 | 407 | rVB | 926581 | 1991762 | 14.32% | 2.427% |
| 4 | 6.162 | 445 | 455 | 468 | rBV2 | 427454 | 864667 | 6.22% | 1.054% |
| 5 | 6.644 | 531 | 537 | 546 | rVB | 102725 | 169101 | 1.22% | 0.206% |
| 6 | 7.143 | 615 | 622 | 631 | rBV | 76930 | 131425 | 0.94% | 0.160% |
| 7 | 7.249 | 633 | 640 | 646 | rBV | 249385 | 423690 | 3.05% | 0.516% |
| 8 | 7.314 | 646 | 651 | 655 | rVV | 107845 | 198625 | 1.43% | 0.242% |
| 9 | 7.384 | 655 | 663 | 677 | rVV2 | 1137455 | 2130027 | 15.32% | 2.595% |
| 10 | 7.508 | 677 | 684 | 688 | rVV | 131998 | 228164 | 1.64% | 0.278% |
| 11 | 7.561 | 688 | 693 | 697 | rVV | 107140 | 192909 | 1.39% | 0.235% |
| 12 | 7.719 | 714 | 720 | 727 | rVV | 126207 | 232046 | 1.67% | 0.283% |
| 13 | 7.819 | 730 | 737 | 745 | rVV | 490106 | 822332 | 5.91% | 1.002% |
| 14 | 8.183 | 791 | 799 | 803 | rBV3 | 136744 | 277266 | 1.99% | 0.338% |
| 15 | 8.230 | 803 | 807 | 812 | rVV | 210212 | 379096 | 2.73% | 0.462% |
| 16 | 8.295 | 812 | 818 | 825 | rVB | 168797 | 325569 | 2.34% | 0.397% |
| 17 | 8.553 | 854 | 862 | 869 | rVB2 | 109524 | 221003 | 1.59% | 0.269% |
| 18 | 8.636 | 869 | 876 | 885 | rVB | 239544 | 442810 | 3.18% | 0.540% |
| 19 | 8.900 | 911 | 921 | 927 | rVV3 | 150076 | 363674 | 2.61% | 0.443% |
| 20 | 8.971 | 927 | 933 | 938 | rVV | 255921 | 525097 | 3.78% | 0.640% |
| 21 | 9.024 | 938 | 942 | 950 | rVB3 | 113451 | 260680 | 1.87% | 0.318% |
| 22 | 9.282 | 978 | 986 | 993 | rVV5 | 64432 | 178000 | 1.28% | 0.217% |
| 23 | 9.370 | 993 | 1001 | 1009 | rVB | 180895 | 351063 | 2.52% | 0.428% |
| 24 | 9.629 | 1021 | 1045 | 1046 | rBV3 | 339221 | 1337428 | 9.62% | 1.630% |
| 25 | 9.917 | 1090 | 1094 | 1099 | rVB | 198286 | 294590 | 2.12% | 0.359% |
| 26 | 9.999 | 1100 | 1108 | 1110 | rBV2 | 133337 | 226722 | 1.63% | 0.276% |
| 27 | 10.034 | 1110 | 1114 | 1120 | rVB | 364326 | 597881 | 4.30% | 0.728% |
| 28 | 10.093 | 1120 | 1124 | 1127 | rBV | 91928 | 150163 | 1.08% | 0.183% |
| 29 | 10.181 | 1134 | 1139 | 1143 | rBV | 174475 | 324281 | 2.33% | 0.395% |
| 30 | 10.398 | 1169 | 1176 | 1179 | rBV3 | 102106 | 214032 | 1.54% | 0.261% |
| 31 | 10.457 | 1179 | 1186 | 1189 | rBV2 | 228701 | 571393 | 4.11% | 0.696% |
| 32 | 10.498 | 1189 | 1193 | 1197 | rVV | 189019 | 328015 | 2.36% | 0.400% |
| 33 | 10.645 | 1212 | 1218 | 1225 | rBV2 | 239904 | 457938 | 3.29% | 0.558% |
| 34 | 10.892 | 1254 | 1260 | 1265 | rVV | 237678 | 444782 | 3.20% | 0.542% |
| 35 | 11.027 | 1275 | 1283 | 1284 | rBV | 124133 | 226368 | 1.63% | 0.276% |
| 36 | 11.092 | 1284 | 1294 | 1300 | rVV | 3922087 | 8908726 | 64.05% | 10.855% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

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-BG112321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.186 | 1300 | 1310 | 1317 | rVV3 | 804020 | 1850975 | 13.31% | 2.255% |
| 38 | 11.250 | 1317 | 1321 | 1331 | rVB2 | 75660 | 155104 | 1.12% | 0.189% |
| 39 | 11.368 | 1336 | 1341 | 1351 | rVB | 106953 | 209986 | 1.51% | 0.256% |
| 40 | 11.456 | 1351 | 1356 | 1365 | rVB2 | 70686 | 147931 | 1.06% | 0.180% |
| 41 | 11.550 | 1365 | 1372 | 1378 | rBV | 220276 | 406393 | 2.92% | 0.495% |
| 42 | 11.632 | 1378 | 1386 | 1400 | rVB | 197242 | 429500 | 3.09% | 0.523% |
| 43 | 11.850 | 1411 | 1423 | 1428 | rBV2 | 987698 | 2116096 | 15.21% | 2.578% |
| 44 | 12.044 | 1449 | 1456 | 1460 | rBV | 453078 | 844783 | 6.07% | 1.029% |
| 45 | 12.096 | 1460 | 1465 | 1469 | rVV | 353461 | 665978 | 4.79% | 0.811% |
| 46 | 12.138 | 1469 | 1472 | 1482 | rVB3 | 150735 | 337529 | 2.43% | 0.411% |
| 47 | 12.355 | 1504 | 1509 | 1515 | rVV2 | 80394 | 151175 | 1.09% | 0.184% |
| 48 | 12.414 | 1515 | 1519 | 1530 | rVB | 118560 | 289096 | 2.08% | 0.352% |
| 49 | 12.561 | 1533 | 1544 | 1549 | rBV2 | 300313 | 694547 | 4.99% | 0.846% |
| 50 | 12.696 | 1554 | 1567 | 1576 | rVB | 5875158 | 13908095 | 100.00% | 16.947% |
| 51 | 12.790 | 1576 | 1583 | 1590 | rBV | 356359 | 698903 | 5.03% | 0.852% |
| 52 | 12.901 | 1590 | 1602 | 1608 | rVB | 3702775 | 7405964 | 53.25% | 9.024% |
| 53 | 12.972 | 1608 | 1614 | 1618 | rBV2 | 96798 | 164368 | 1.18% | 0.200% |
| 54 | 13.025 | 1618 | 1623 | 1627 | rBV4 | 147103 | 291134 | 2.09% | 0.355% |
| 55 | 13.125 | 1636 | 1640 | 1645 | rBV3 | 86567 | 147778 | 1.06% | 0.180% |
| 56 | 13.177 | 1645 | 1649 | 1654 | rVB3 | 92672 | 166481 | 1.20% | 0.203% |
| 57 | 13.271 | 1654 | 1665 | 1669 | rBV2 | 254375 | 604734 | 4.35% | 0.737% |
| 58 | 13.659 | 1722 | 1731 | 1741 | rVV | 1434818 | 2353242 | 16.92% | 2.867% |
| 59 | 13.853 | 1759 | 1764 | 1773 | rVB | 200483 | 399472 | 2.87% | 0.487% |
| 60 | 13.982 | 1778 | 1786 | 1797 | rBV3 | 304789 | 875889 | 6.30% | 1.067% |
| 61 | 14.141 | 1807 | 1813 | 1817 | rBV | 351904 | 685810 | 4.93% | 0.836% |
| 62 | 14.217 | 1817 | 1826 | 1838 | rVB2 | 443533 | 1241475 | 8.93% | 1.513% |
| 63 | 14.376 | 1847 | 1853 | 1857 | rBV | 131123 | 235228 | 1.69% | 0.287% |
| 64 | 14.523 | 1872 | 1878 | 1888 | rVB | 452376 | 830486 | 5.97% | 1.012% |
| 65 | 14.787 | 1918 | 1923 | 1925 | rBV | 96676 | 147457 | 1.06% | 0.180% |
| 66 | 14.823 | 1925 | 1929 | 1934 | rVB | 234532 | 363137 | 2.61% | 0.442% |
| 67 | 14.887 | 1934 | 1940 | 1947 | rVB | 782791 | 1243188 | 8.94% | 1.515% |
| 68 | 15.222 | 1989 | 1997 | 2003 | rBV | 786519 | 1285226 | 9.24% | 1.566% |
| 69 | 15.616 | 2053 | 2064 | 2074 | rVB | 284265 | 497147 | 3.57% | 0.606% |
| 70 | 15.816 | 2091 | 2098 | 2102 | rBV | 565066 | 892268 | 6.42% | 1.087% |
| 71 | 15.868 | 2102 | 2107 | 2116 | rVB | 406382 | 624860 | 4.49% | 0.761% |
| 72 | 15.951 | 2116 | 2121 | 2125 | rBV | 160036 | 263963 | 1.90% | 0.322% |
| 73 | 16.068 | 2136 | 2141 | 2146 | rVB | 242691 | 343747 | 2.47% | 0.419% |
| 74 | 16.673 | 2238 | 2244 | 2251 | rBV3 | 99930 | 162423 | 1.17% | 0.198% |
| 75 | 16.908 | 2279 | 2284 | 2290 | rVB | 148607 | 217790 | 1.57% | 0.265% |
| 76 | 17.049 | 2304 | 2308 | 2314 | rVB2 | 135266 | 214803 | 1.54% | 0.262% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

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-BG112321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.232 | 2333 | 2339 | 2343 | rBV | 111515 | 171887 | 1.24% | 0.209% |
| 78 | 17.373 | 2357 | 2363 | 2370 | rBV | 205100 | 330760 | 2.38% | 0.403% |
| 79 | 17.572 | 2391 | 2397 | 2401 | rVV | 293937 | 458473 | 3.30% | 0.559% |
| 80 | 17.672 | 2409 | 2414 | 2419 | rVV | 606871 | 913626 | 6.57% | 1.113% |
| 81 | 18.119 | 2479 | 2490 | 2493 | rBV2 | 45077 | 136367 | 0.98% | 0.166% |
| 82 | 18.230 | 2504 | 2509 | 2514 | rVB | 203225 | 295289 | 2.12% | 0.360% |
| 83 | 18.501 | 2550 | 2555 | 2560 | rBV | 94077 | 138178 | 0.99% | 0.168% |
| 84 | 18.648 | 2571 | 2580 | 2589 | rVB | 220145 | 393013 | 2.83% | 0.479% |
| 85 | 18.812 | 2603 | 2608 | 2615 | rBV | 579167 | 835253 | 6.01% | 1.018% |
| 86 | 18.935 | 2622 | 2629 | 2635 | rVB8 | 71510 | 206902 | 1.49% | 0.252% |
| 87 | 19.088 | 2648 | 2655 | 2662 | rBV4 | 92262 | 172523 | 1.24% | 0.210% |
| 88 | 19.488 | 2718 | 2723 | 2734 | rVB3 | 204613 | 389428 | 2.80% | 0.475% |
| 89 | 19.593 | 2735 | 2741 | 2748 | rBV | 680877 | 978296 | 7.03% | 1.192% |
| 90 | 19.758 | 2764 | 2769 | 2774 | rBV3 | 86552 | 141294 | 1.02% | 0.172% |
| 91 | 19.899 | 2786 | 2793 | 2796 | rBV3 | 68838 | 149966 | 1.08% | 0.183% |
| 92 | 19.952 | 2796 | 2802 | 2811 | rVV | 683852 | 1383286 | 9.95% | 1.685% |
| 93 | 20.193 | 2838 | 2843 | 2850 | rBV2 | 139804 | 222614 | 1.60% | 0.271% |
| 94 | 20.398 | 2874 | 2878 | 2882 | rBV | 113996 | 141164 | 1.01% | 0.172% |
| 95 | 20.845 | 2948 | 2954 | 2959 | rBV | 1697170 | 2183512 | 15.70% | 2.661% |
| 96 | 21.873 | 3123 | 3129 | 3135 | rVB2 | 256192 | 431366 | 3.10% | 0.526% |
| 97 | 22.032 | 3150 | 3156 | 3165 | rVB3 | 67060 | 141366 | 1.02% | 0.172% |
| 98 | 25.046 | 3657 | 3669 | 3684 | rVB2 | 326701 | 977371 | 7.03% | 1.191% |
| 99 | 25.275 | 3699 | 3708 | 3719 | rVB | 152583 | 443375 | 3.19% | 0.540% |
| 100 | 26.632 | 3929 | 3939 | 3953 | rBV3 | 44308 | 164872 | 1.19% | 0.201% |

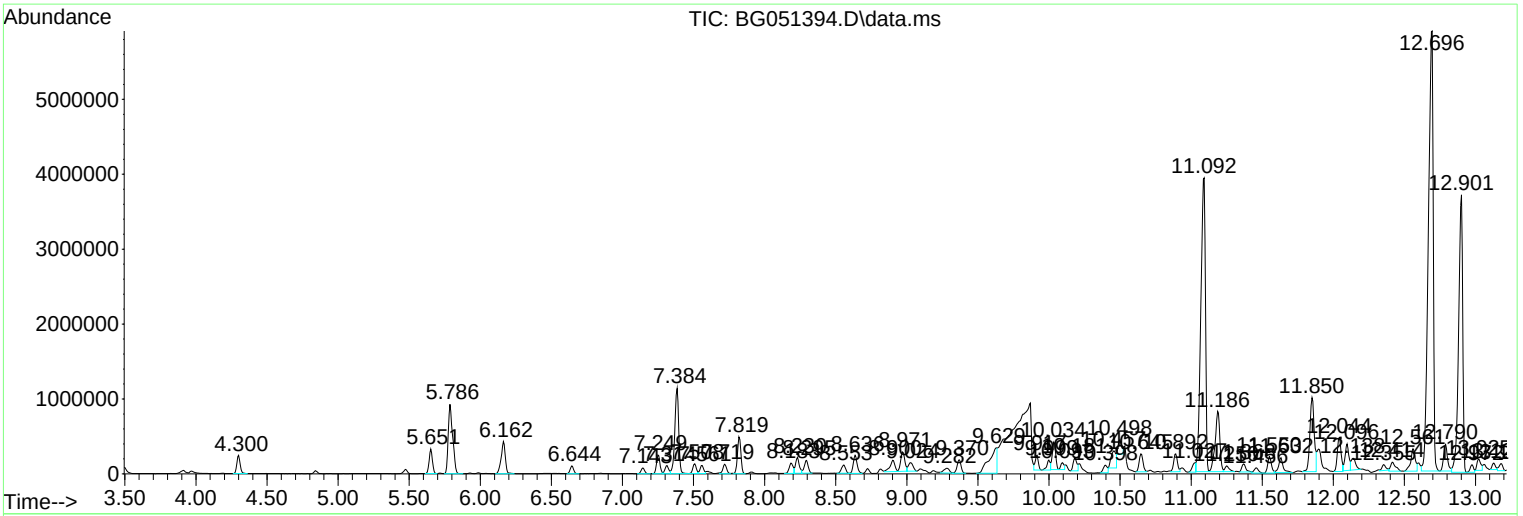
Sum of corrected areas: 82070195

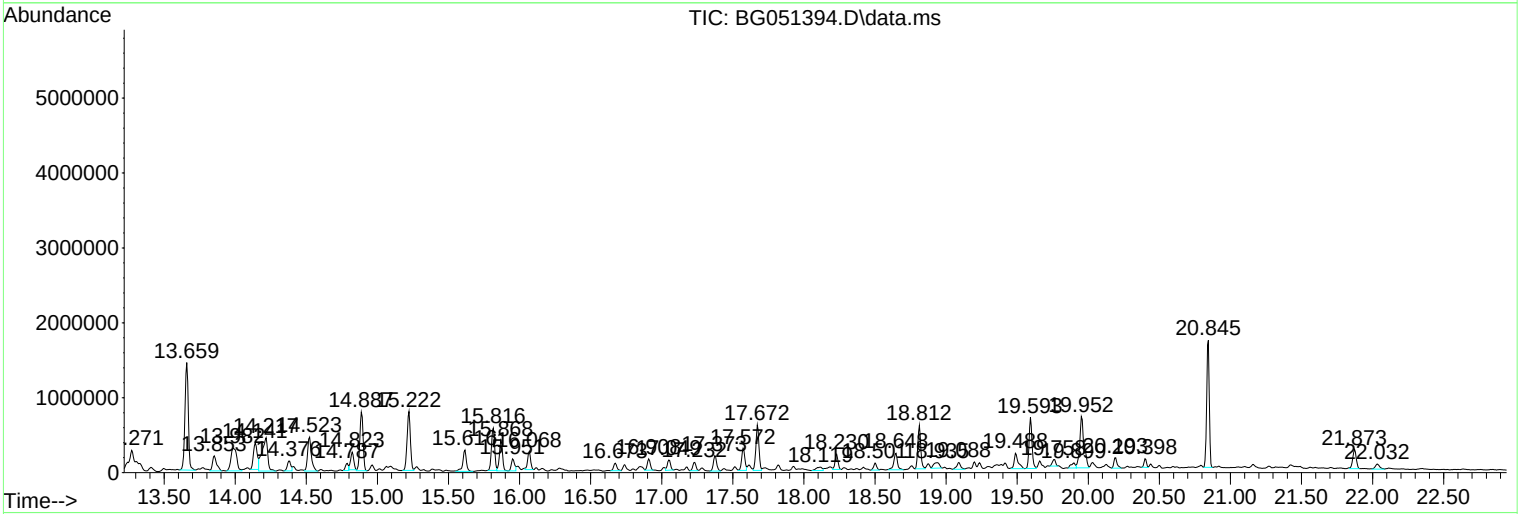
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

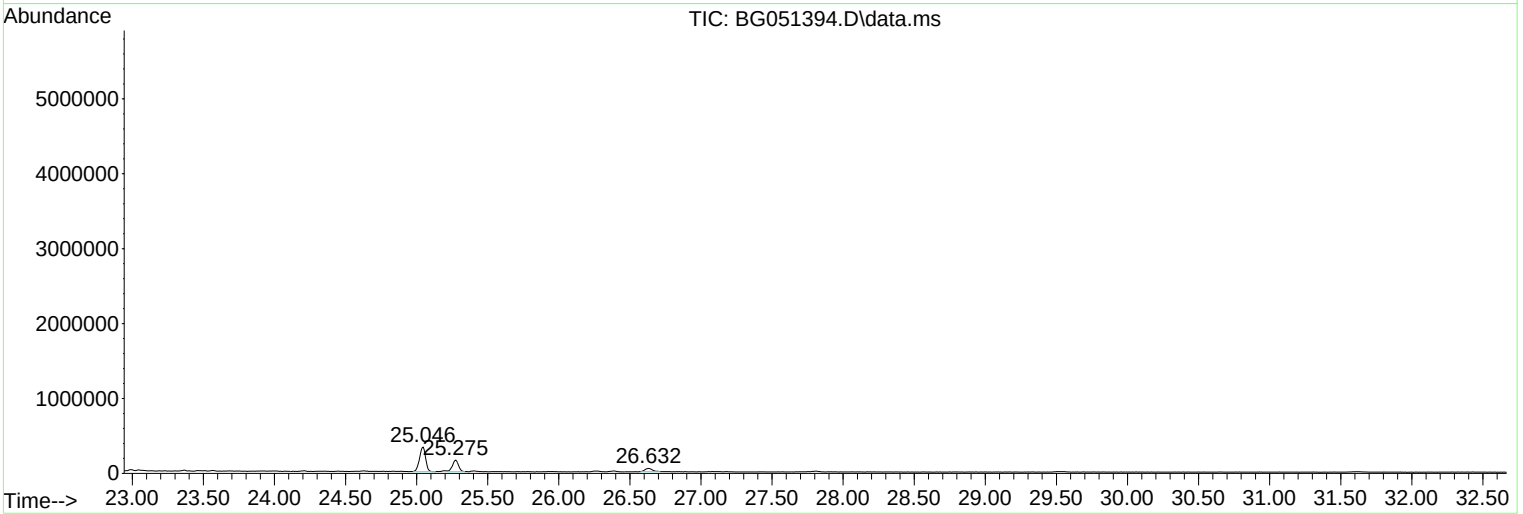
**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

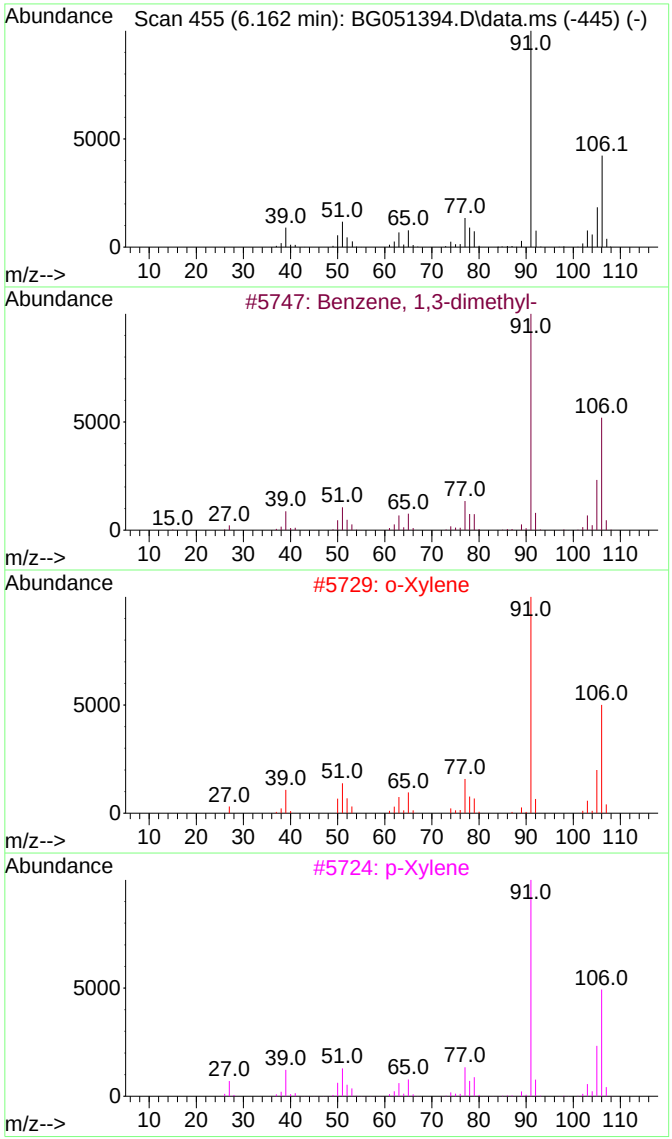
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

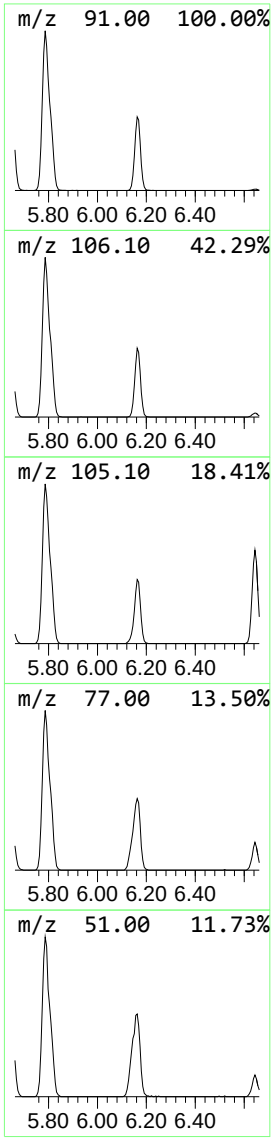
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.162 | 62.37 ng/ul | 864667 | 1,4-Dichlorobenzene-d4 | 8.183 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

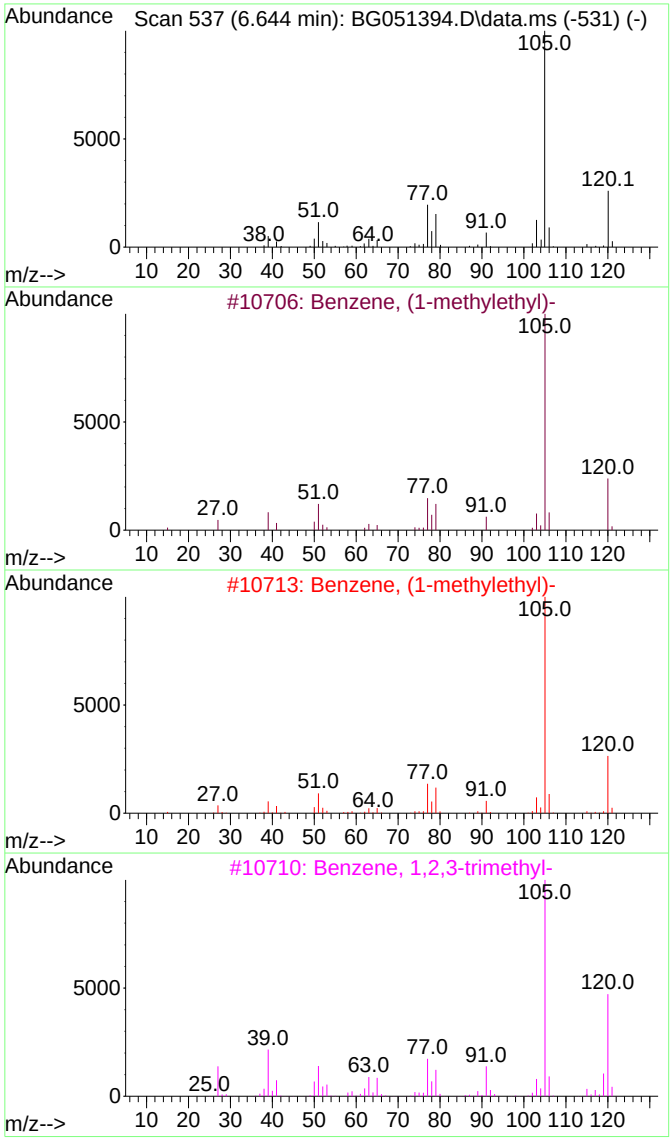
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

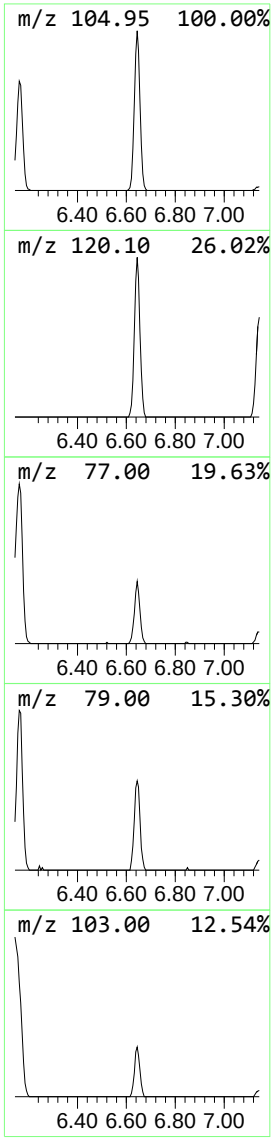
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.644 | 12.20 ng/ul | 169101 | 1,4-Dichlorobenzene-d4 | 8.183 |

| 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, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 90 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

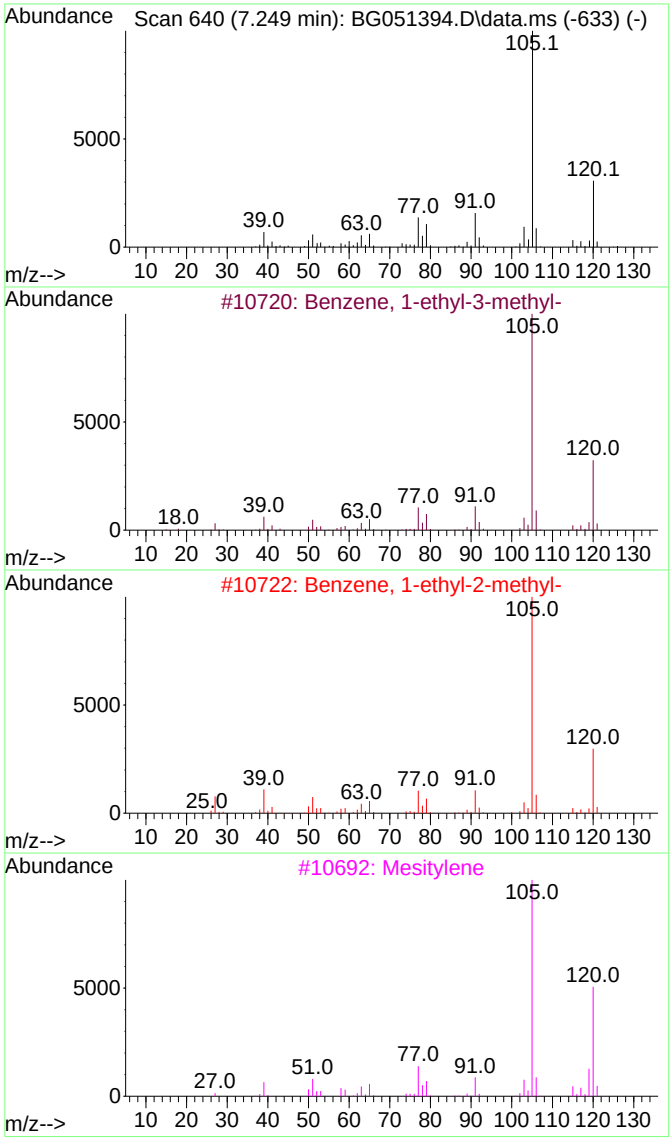
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

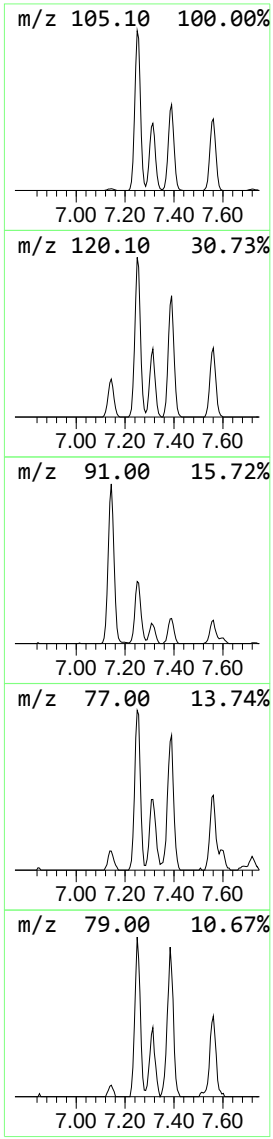
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.249 | 30.56 ng/ul | 423690 | 1,4-Dichlorobenzene-d4 | 8.183 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

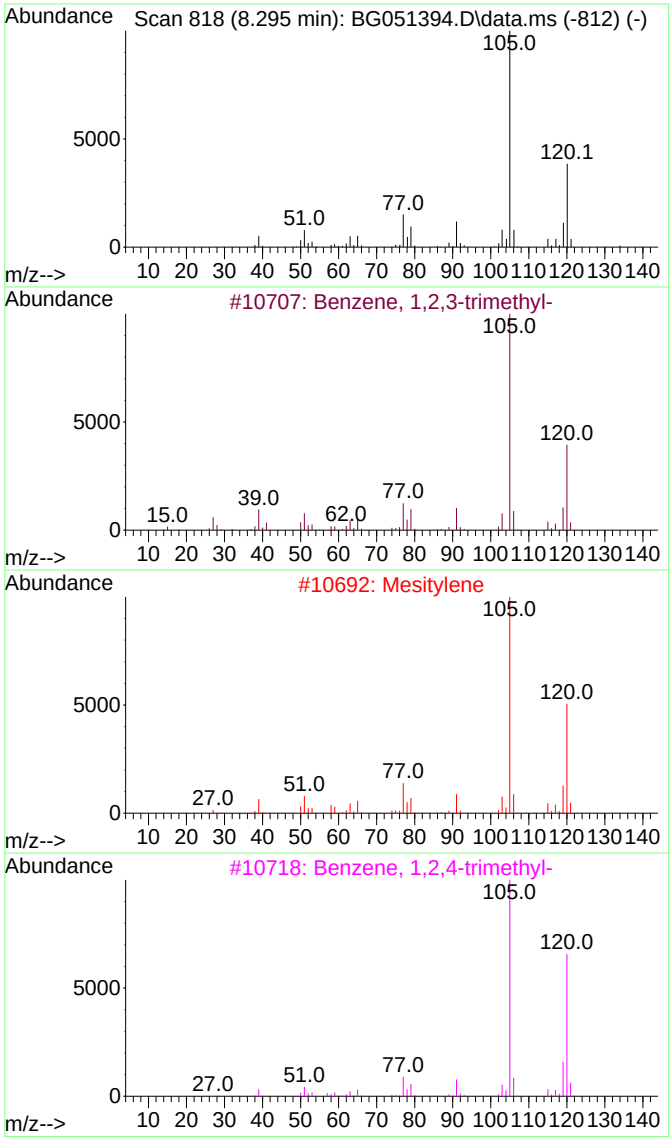
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

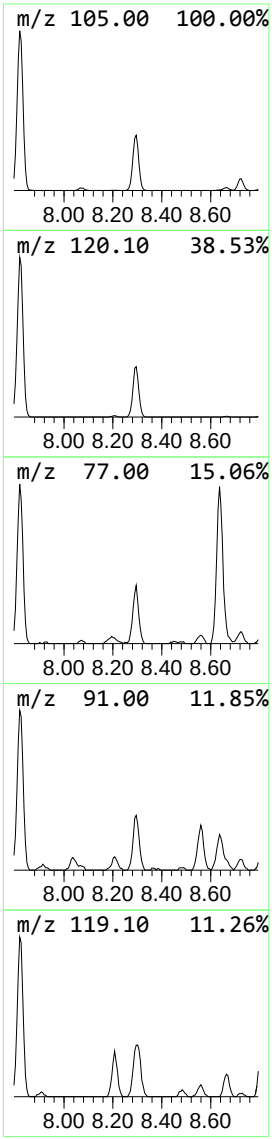
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.295 | 23.48 ng/ul | 325569 | 1,4-Dichlorobenzene-d4 | 8.183 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

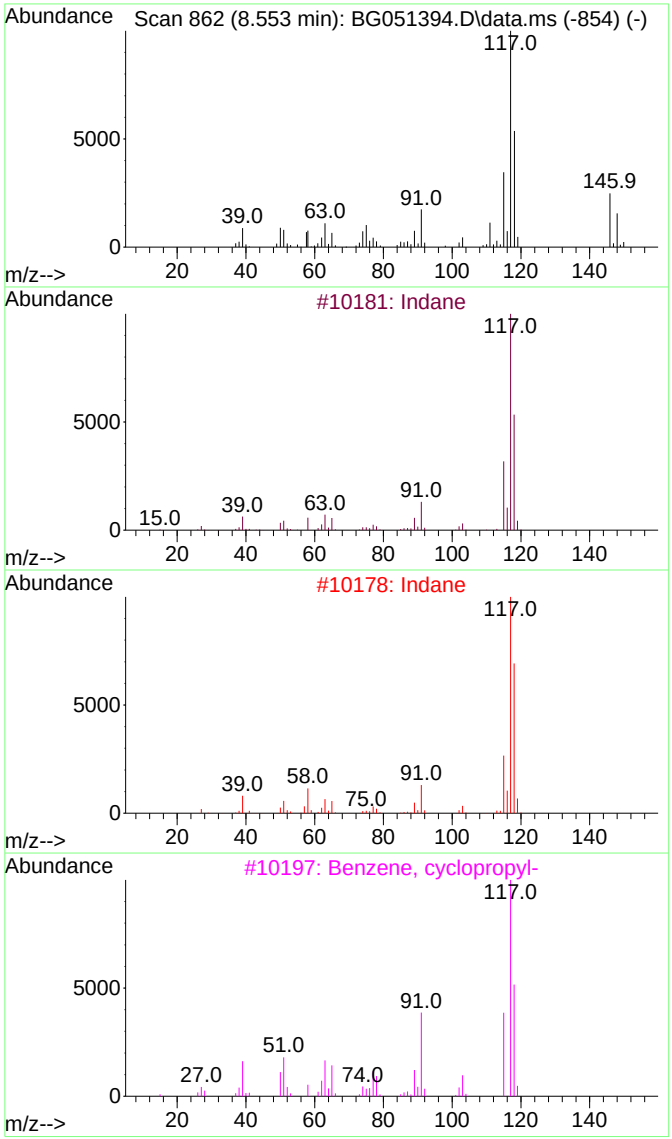
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

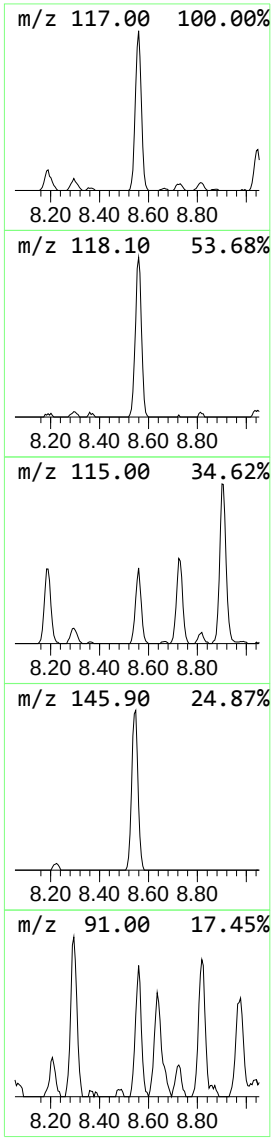
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Indane Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.553 | 15.94 ng/ul | 221003 | 1,4-Dichlorobenzene-d4 | 8.183 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 83 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 70 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 64 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

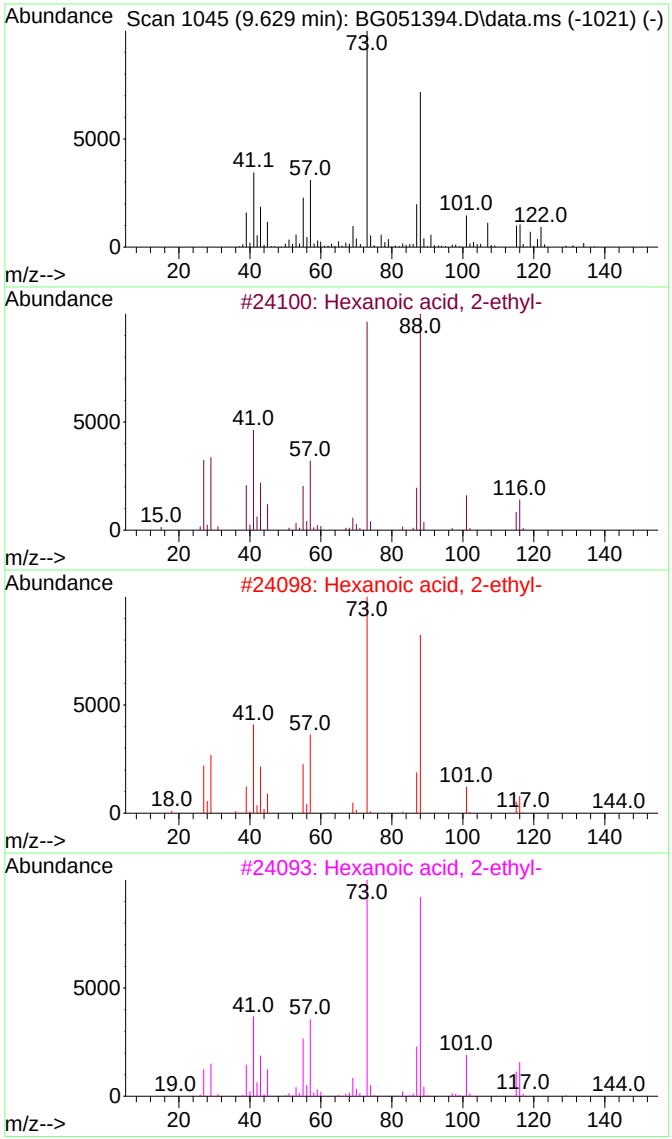
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

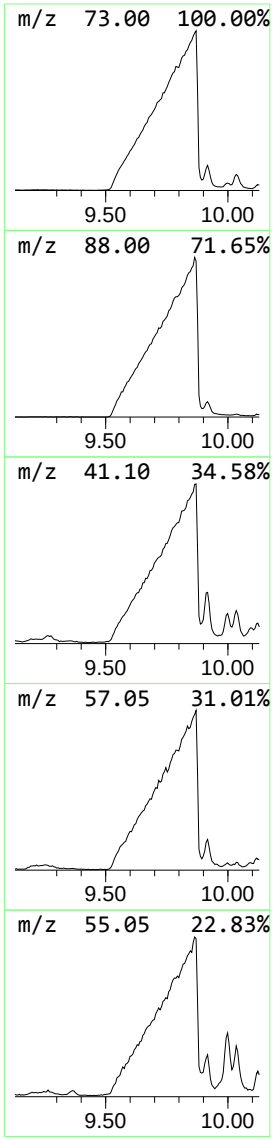
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Hexanoic acid, 2-ethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.629 | 118.16 ng/ul | 1337430 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 64 |
| 2 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 64 |
| 3 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 58 |
| 4 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 53 |
| 5 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

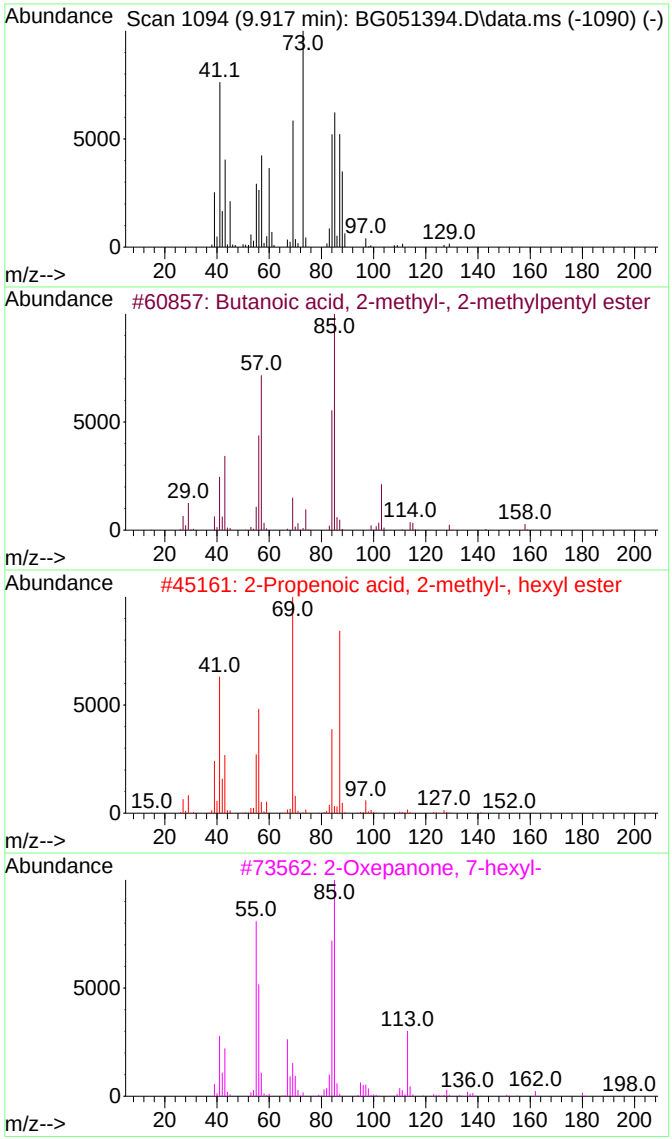
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

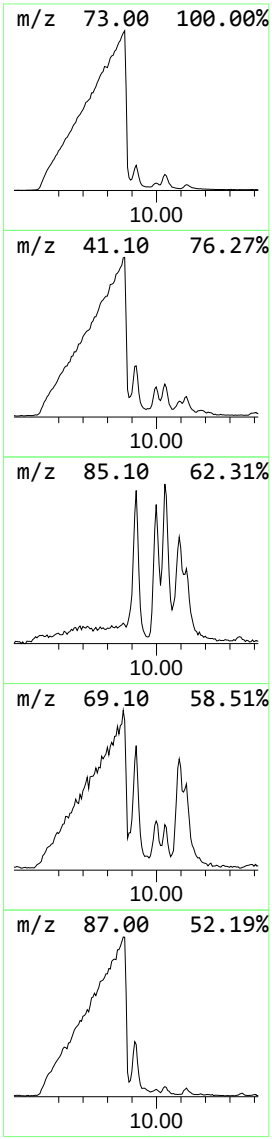
**********

Peak Number 14 unknown-01 Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.917 | 26.03 ng/ul | 294590 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 2-methyl-, 2-meth... | 186 | C11H22O2 | 083783-88-4 | 35 |
| 2 | 2-Propenoic acid, 2-methyl-, hex... | 170 | C10H18O2 | 000142-09-6 | 27 |
| 3 | 2-Oxepanone, 7-hexyl- | 198 | C12H22O2 | 016429-21-3 | 25 |
| 4 | 3,4-Dimethylpentanoic acid | 130 | C7H14O2 | 003302-06-5 | 22 |
| 5 | Hydrazine, 1,1-diethyl- | 88 | C4H12N2 | 000616-40-0 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

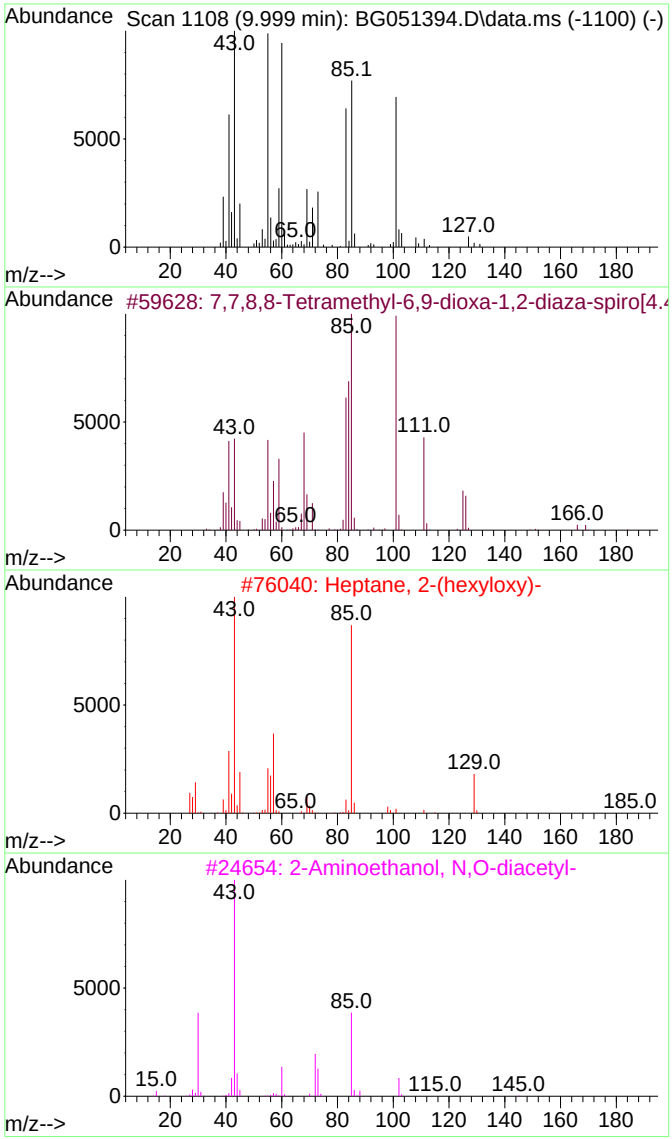
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

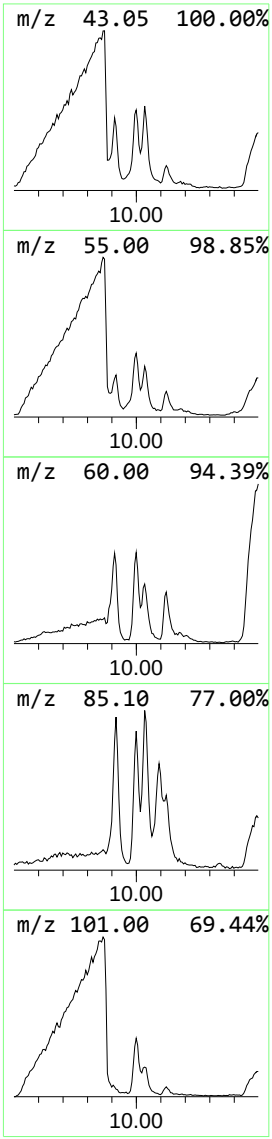
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 unknown-02 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.999 | 20.03 ng/ul | 226722 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7,7,8,8-Tetramethyl-6,9-dioxa-1,... | 184 | C9H16N2O2 | 1000295-03-2 | 43 |
| 2 | Heptane, 2-(hexyloxy)- | 200 | C13H28O | 074663-79-9 | 22 |
| 3 | 2-Aminoethanol, N,O-diacetyl- | 145 | C6H11NO3 | 016180-96-4 | 22 |
| 4 | 2-Methoxy-2-methylbut-3-ene | 100 | C6H12O | 040426-44-6 | 18 |
| 5 | Butanoic acid, 4-chloro- | 122 | C4H7ClO2 | 000627-00-9 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

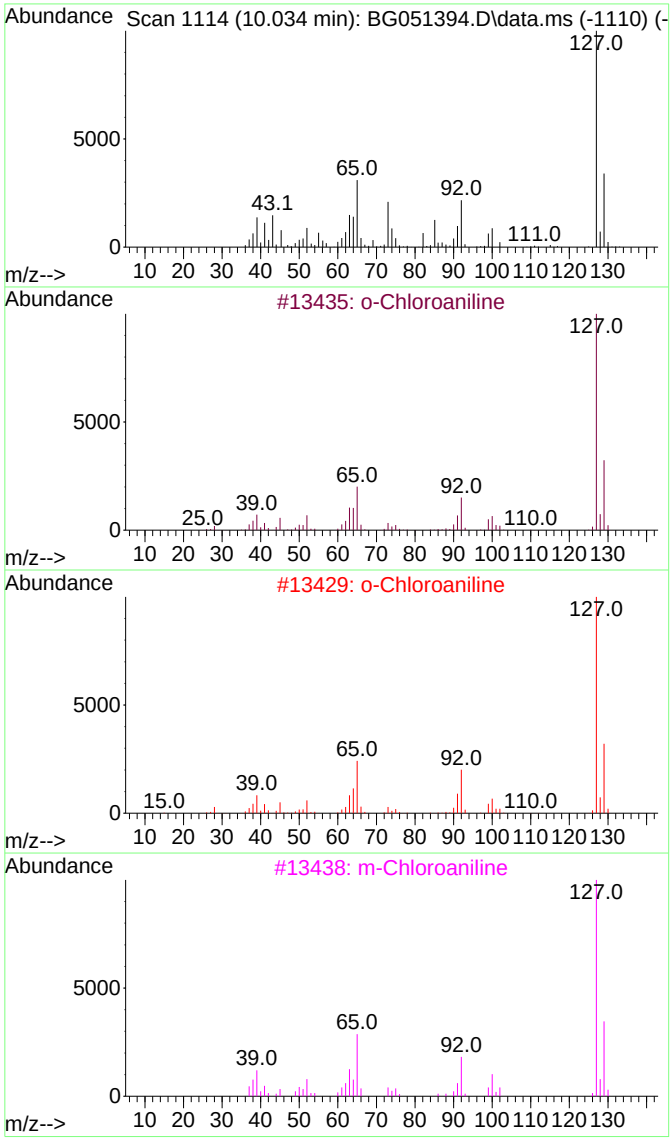
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

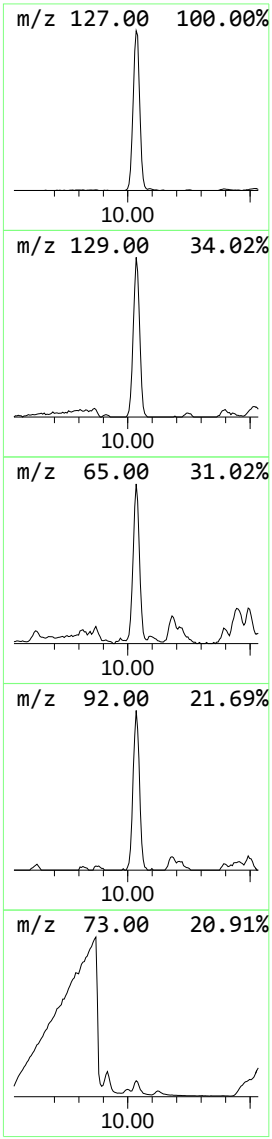
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 o-Chloroaniline Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.034 | 52.82 ng/ul | 597881 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Chloroaniline | 127 | C6H6ClN | 000095-51-2 | 93 |
| 2 | o-Chloroaniline | 127 | C6H6ClN | 000095-51-2 | 93 |
| 3 | m-Chloroaniline | 127 | C6H6ClN | 000108-42-9 | 91 |
| 4 | m-Chloroaniline | 127 | C6H6ClN | 000108-42-9 | 91 |
| 5 | p-Chloroaniline | 127 | C6H6ClN | 000106-47-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

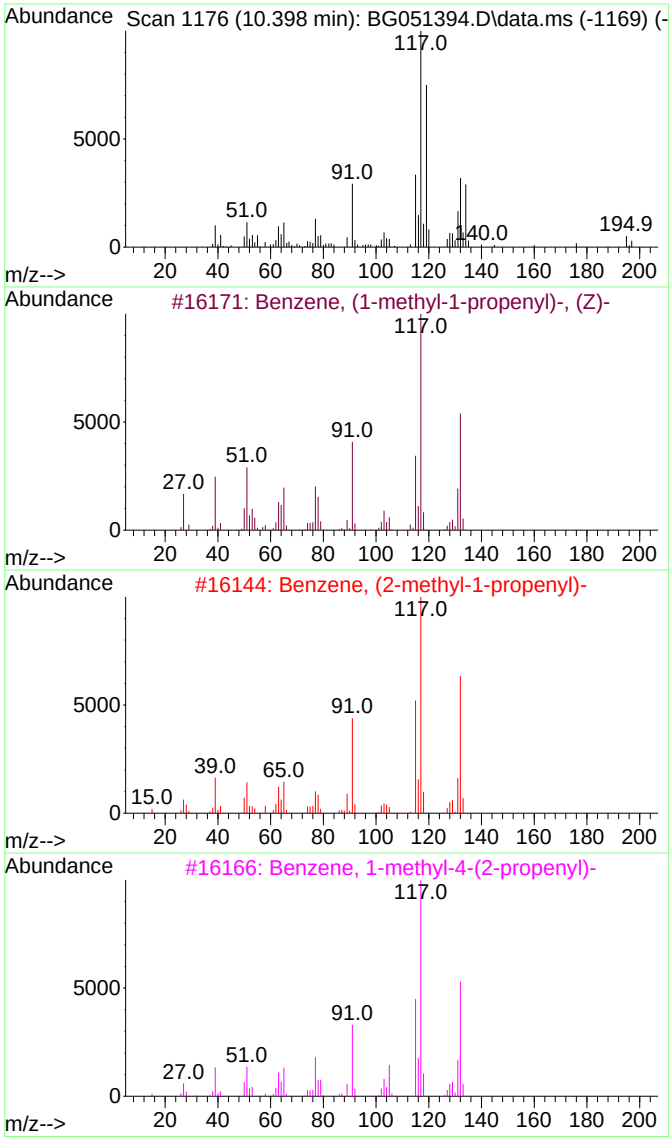
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

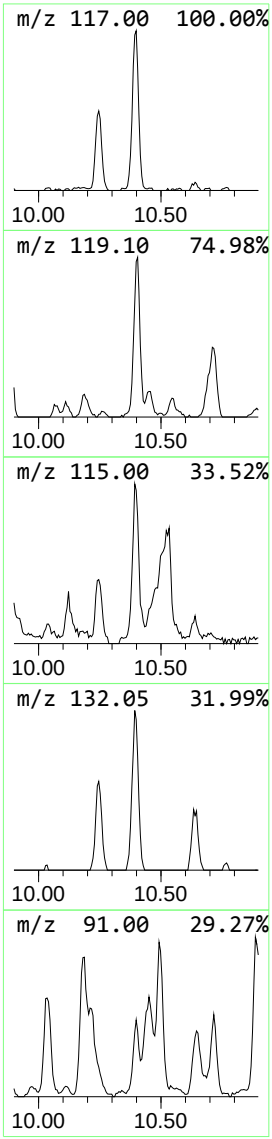
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzene, (1-methyl-1-propen... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.398 | 18.91 ng/ul | 214032 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 89 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 83 |
| 3 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 60 |
| 4 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 55 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

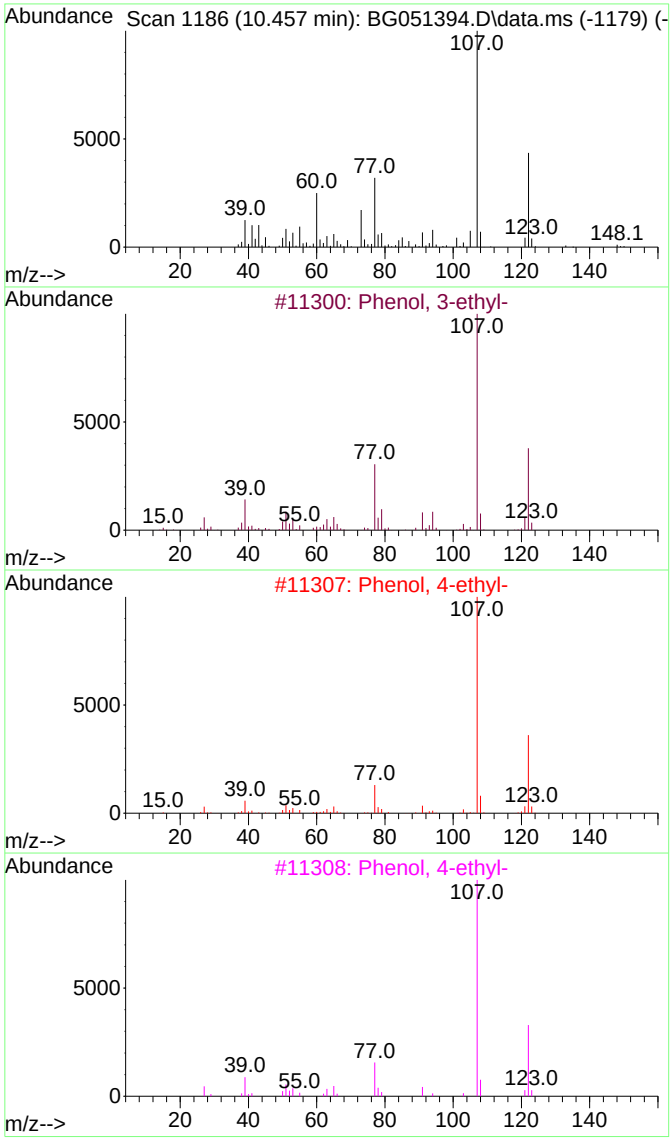
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

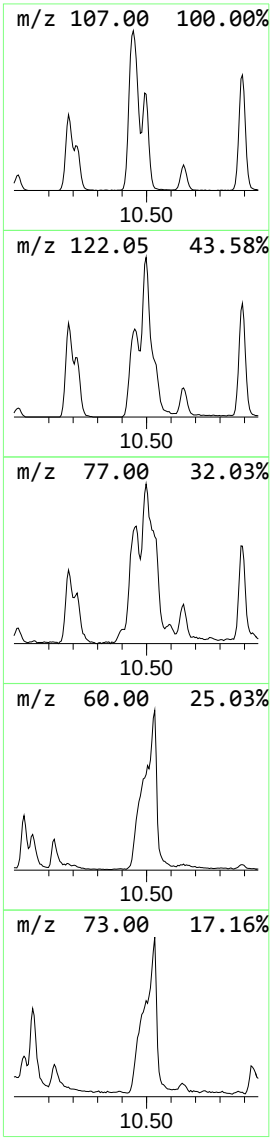
**********

Peak Number 18 Phenol, 3-ethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.457 | 50.48 ng/ul | 571393 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 81 |
| 2 | Phenol, 4-ethyl- | 122 | C8H10O | 000123-07-9 | 81 |
| 3 | Phenol, 4-ethyl- | 122 | C8H10O | 000123-07-9 | 76 |
| 4 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 76 |
| 5 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

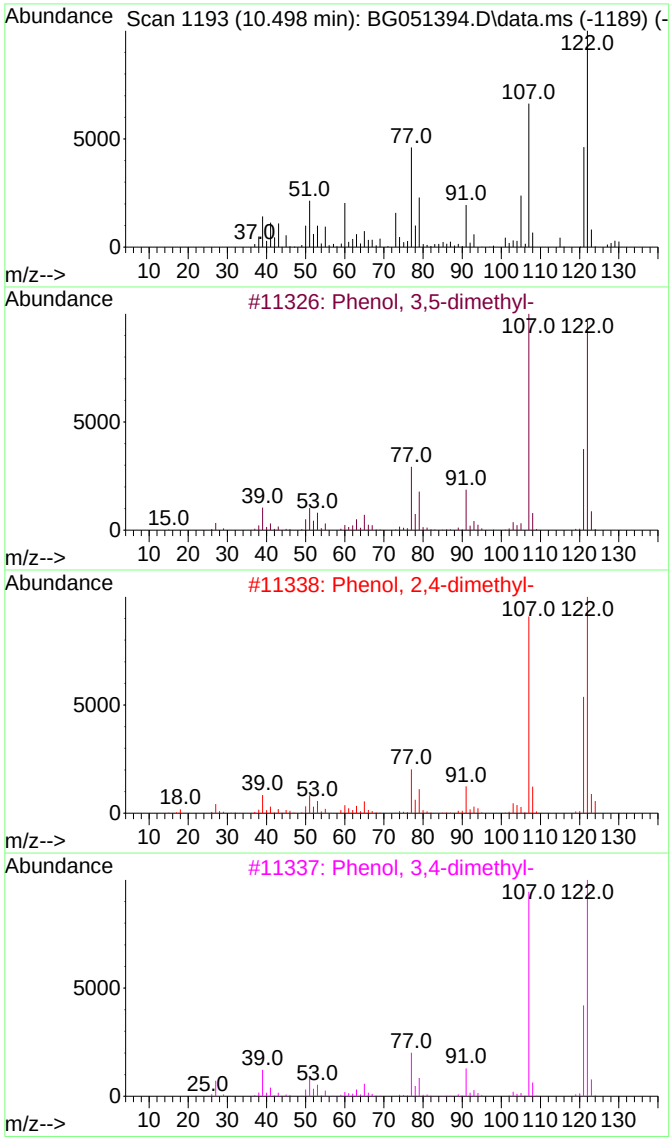
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

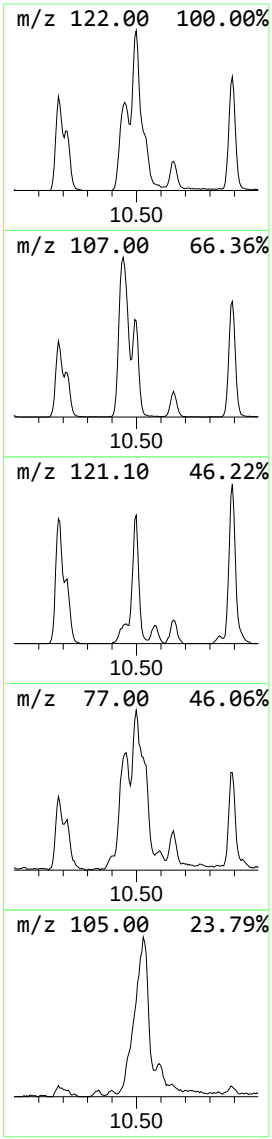
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Phenol, 3,5-dimethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.498 | 28.98 ng/ul | 328015 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 86 |
| 2 | Phenol, 2,4-dimethyl- | 122 | C8H10O | 000105-67-9 | 81 |
| 3 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 70 |
| 4 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 70 |
| 5 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

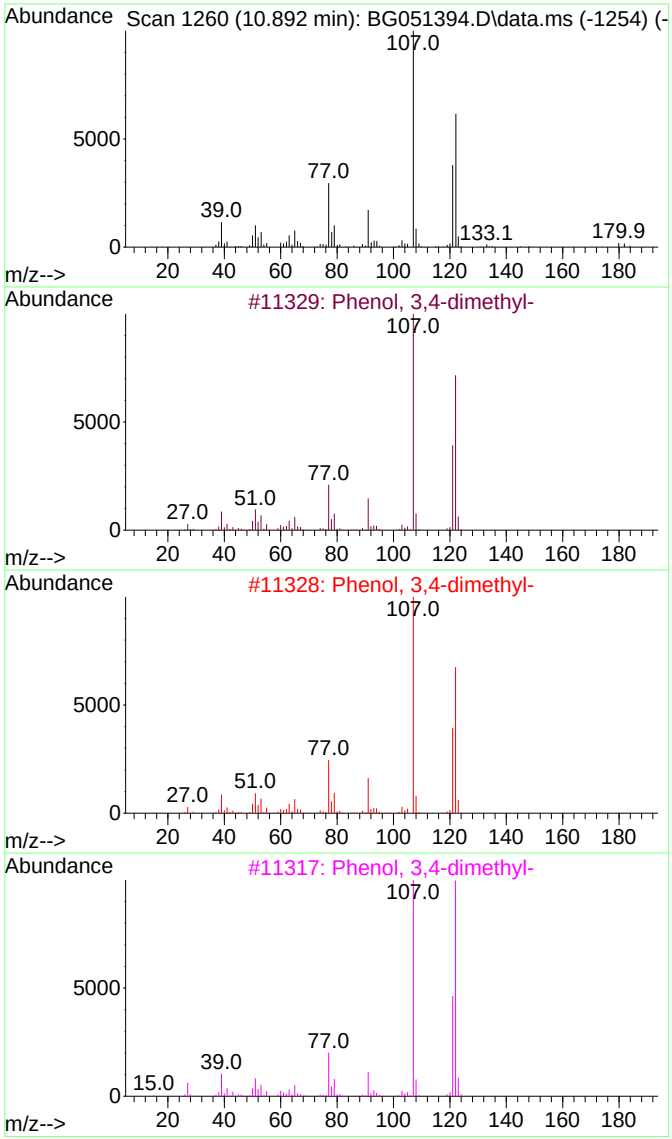
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

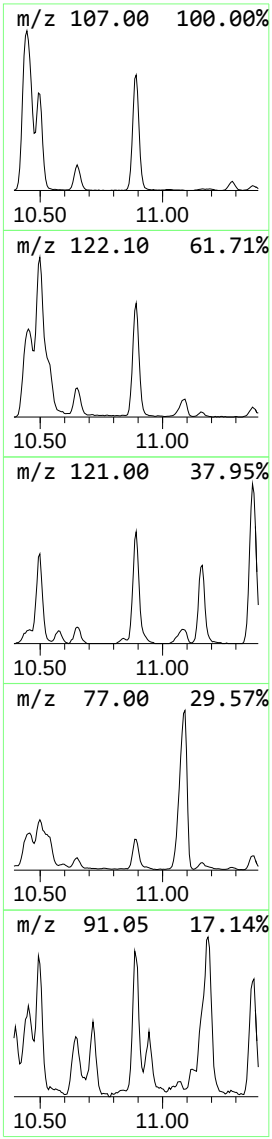
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Phenol, 3,4-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.892 | 39.30 ng/ul | 444782 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 96 |
| 2 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 96 |
| 3 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 93 |
| 4 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 93 |
| 5 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

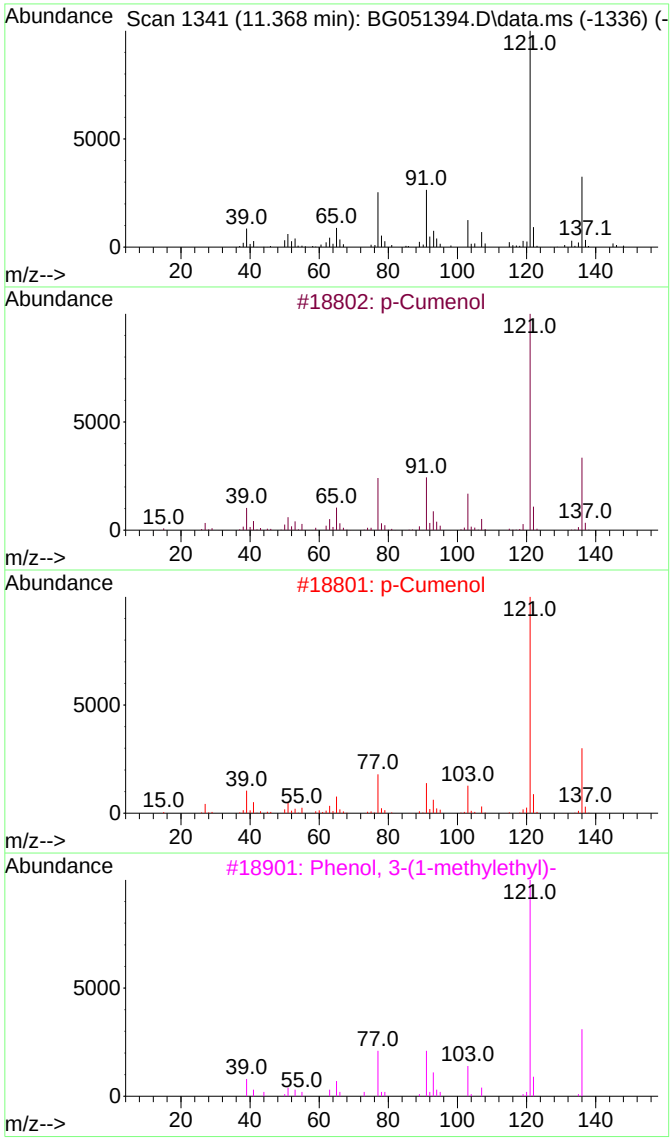
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

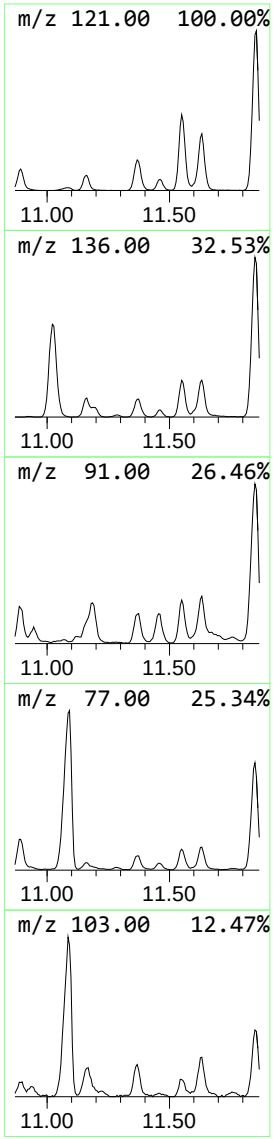
**********

Peak Number 22 p-Cumenol Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.368 | 18.55 ng/ul | 209986 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cumenol | 136 | C9H12O | 000099-89-8 | 95 |
| 2 | p-Cumenol | 136 | C9H12O | 000099-89-8 | 93 |
| 3 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 91 |
| 4 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 91 |
| 5 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

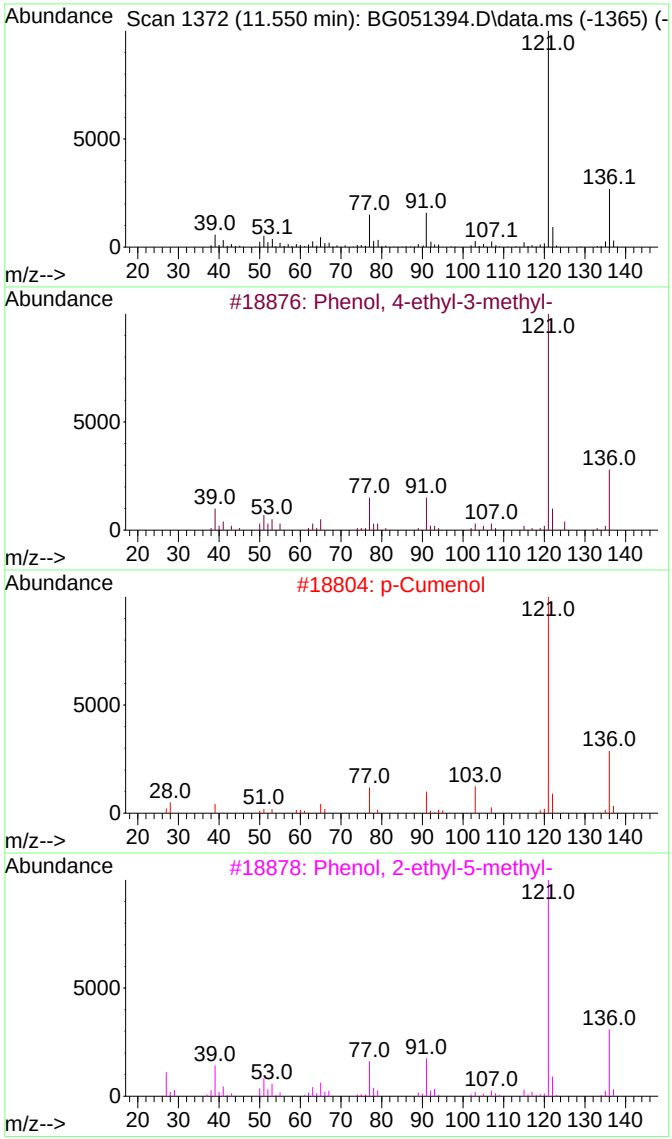
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

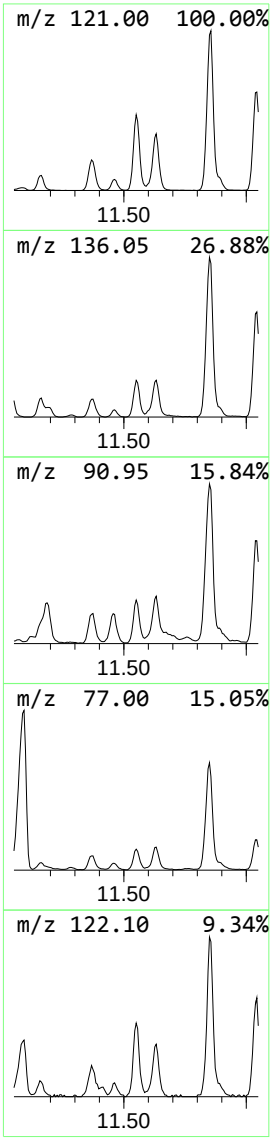
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Phenol, 4-ethyl-3-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.550 | 35.91 ng/ul | 406393 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-ethyl-3-methyl- | 136 | C9H12O | 001123-94-0 | 91 |
| 2 | p-Cumenol | 136 | C9H12O | 000099-89-8 | 91 |
| 3 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 91 |
| 4 | Phenol, 4-ethyl-2-methyl- | 136 | C9H12O | 002219-73-0 | 91 |
| 5 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

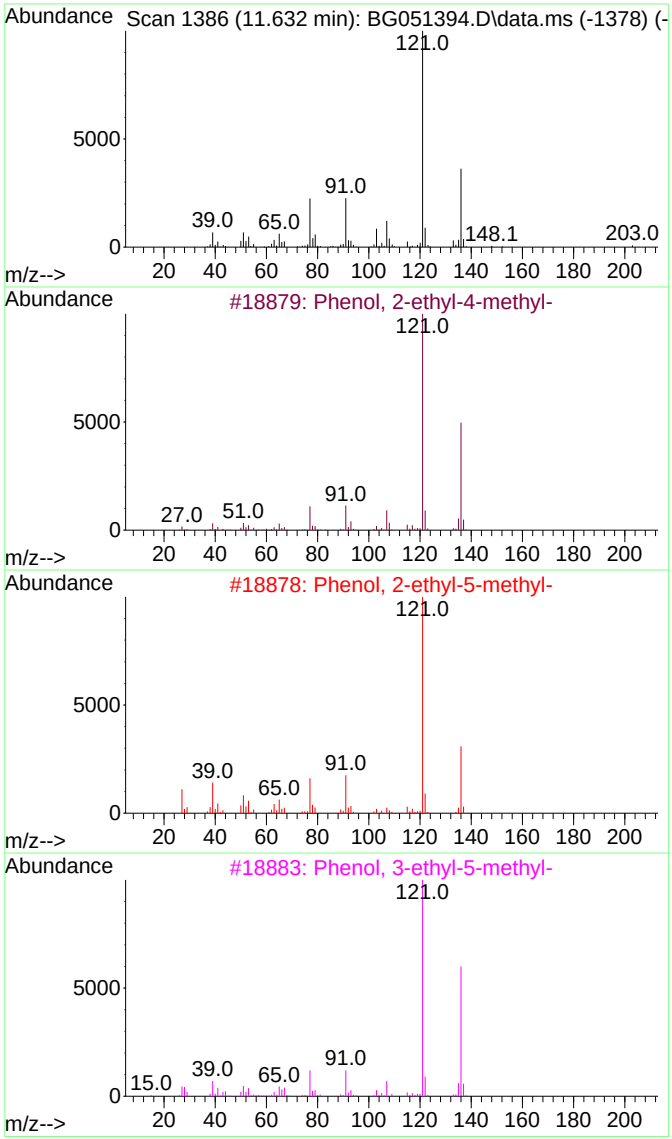
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

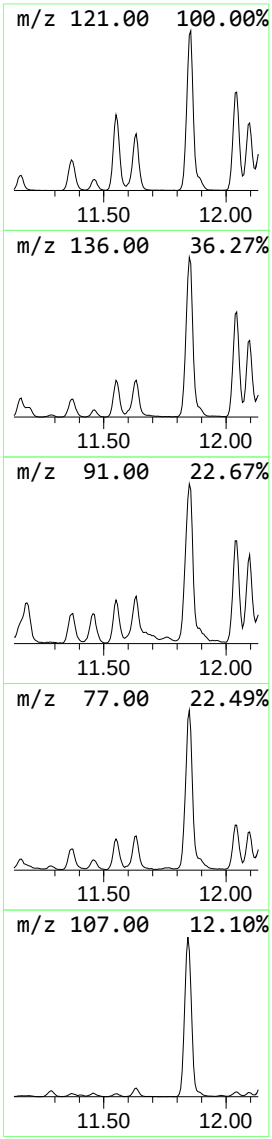
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Phenol, 2-ethyl-4-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.632 | 37.95 ng/ul | 429500 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 91 |
| 2 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 90 |
| 3 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 90 |
| 4 | 1,3-Cyclohexadiene, 1-methyl-4-(... | 136 | C10H16 | 000099-86-5 | 90 |
| 5 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

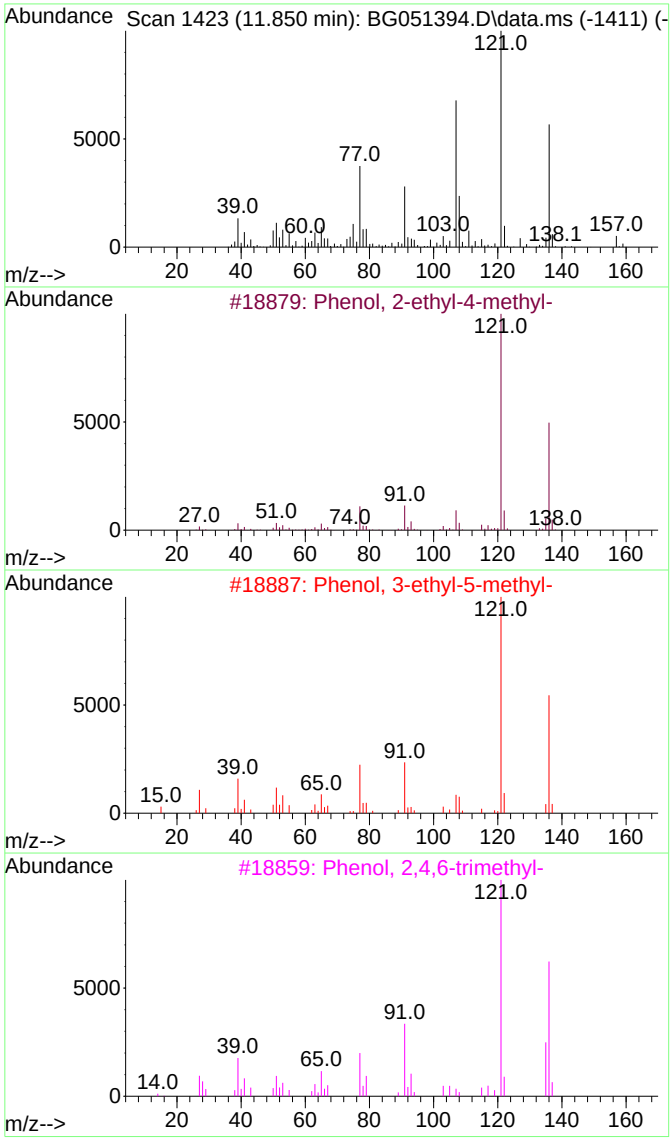
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

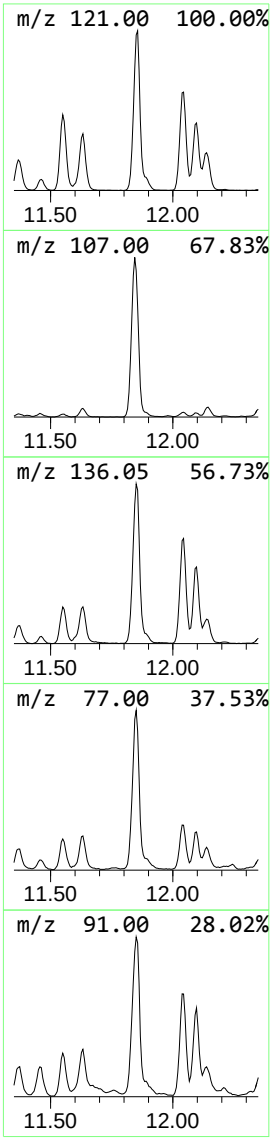
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Phenol, 3-ethyl-5-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.850 | 186.96 ng/ul | 2116100 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 76 |
| 2 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 76 |
| 3 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 64 |
| 4 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 62 |
| 5 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

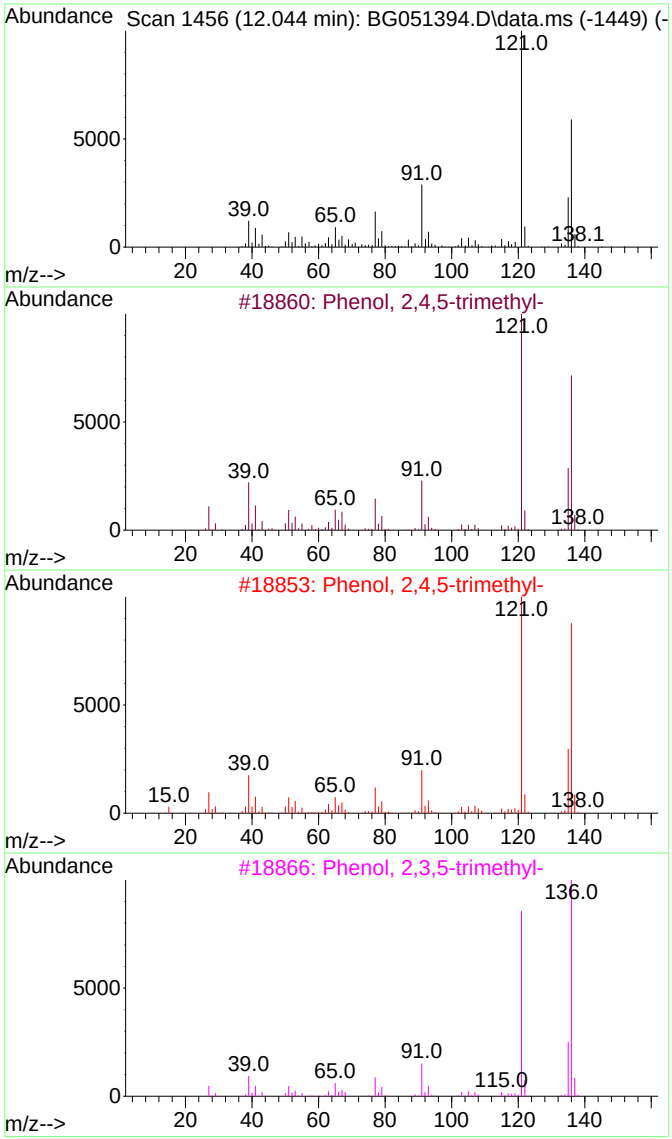
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

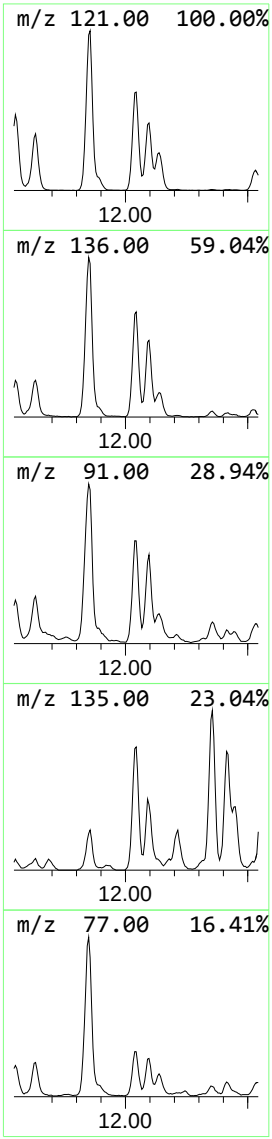
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 Phenol, 2,4,5-trimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.044 | 74.64 ng/ul | 844783 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 95 |
| 2 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 93 |
| 3 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 93 |
| 4 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 93 |
| 5 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

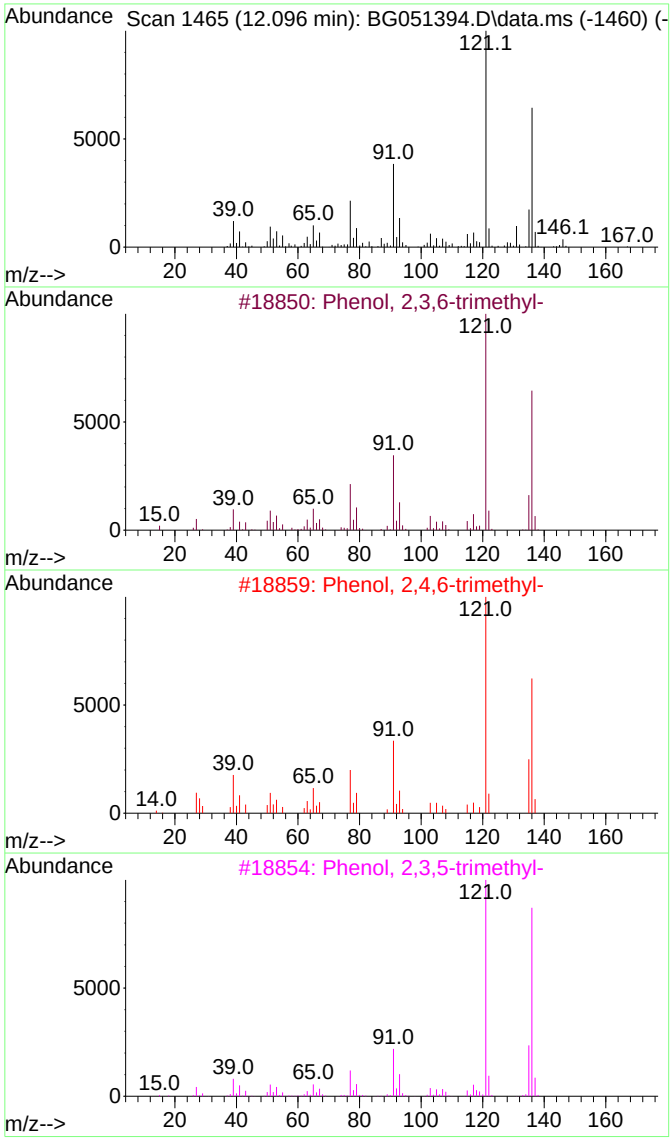
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

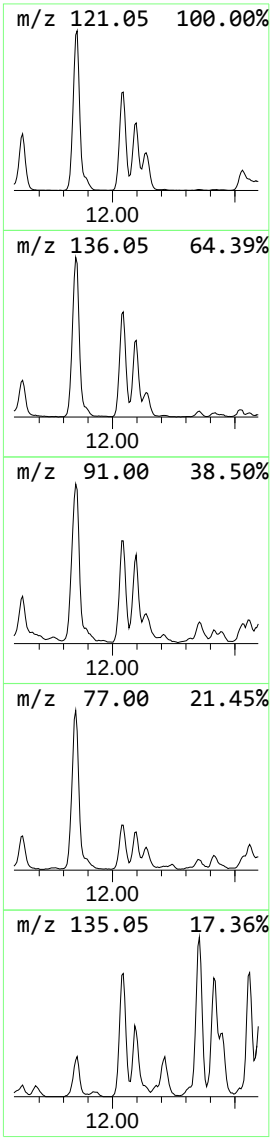
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Phenol, 2,3,6-trimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.096 | 58.84 ng/ul | 665978 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 96 |
| 2 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 96 |
| 3 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 95 |
| 4 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 95 |
| 5 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

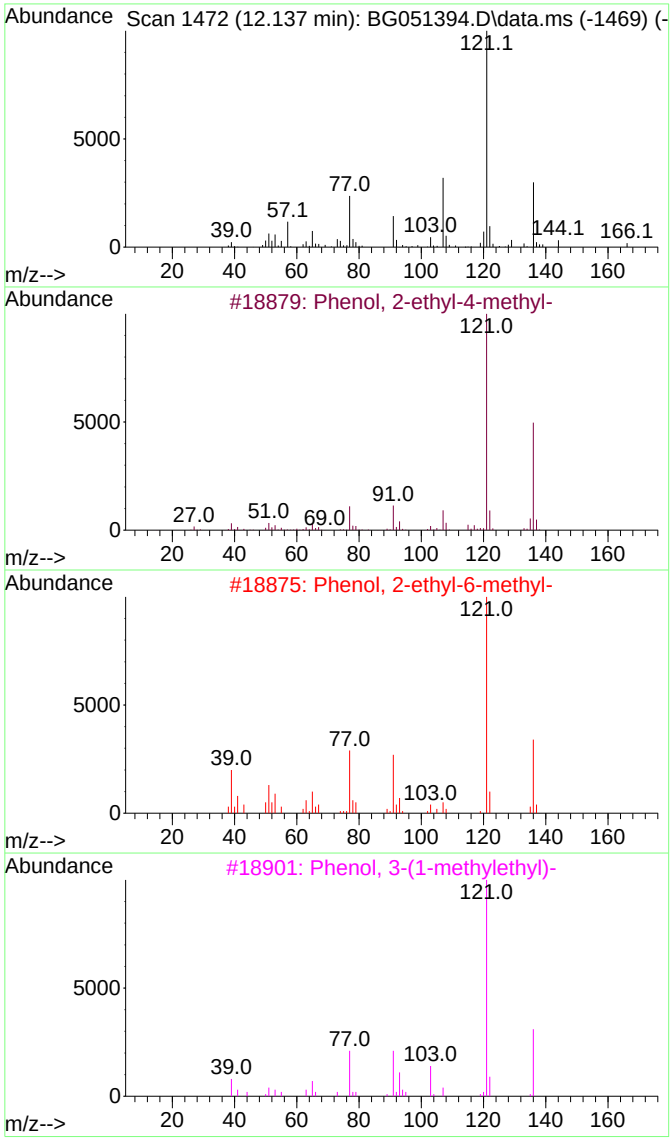
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

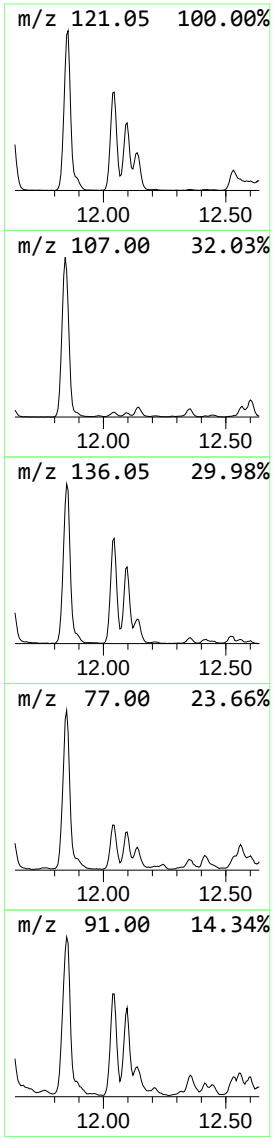
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Phenol, 2-ethyl-6-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.137 | 29.82 ng/ul | 337529 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 72 |
| 2 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 72 |
| 3 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 64 |
| 4 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 64 |
| 5 | Phenol, 4-ethyl-3-methyl- | 136 | C9H12O | 001123-94-0 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

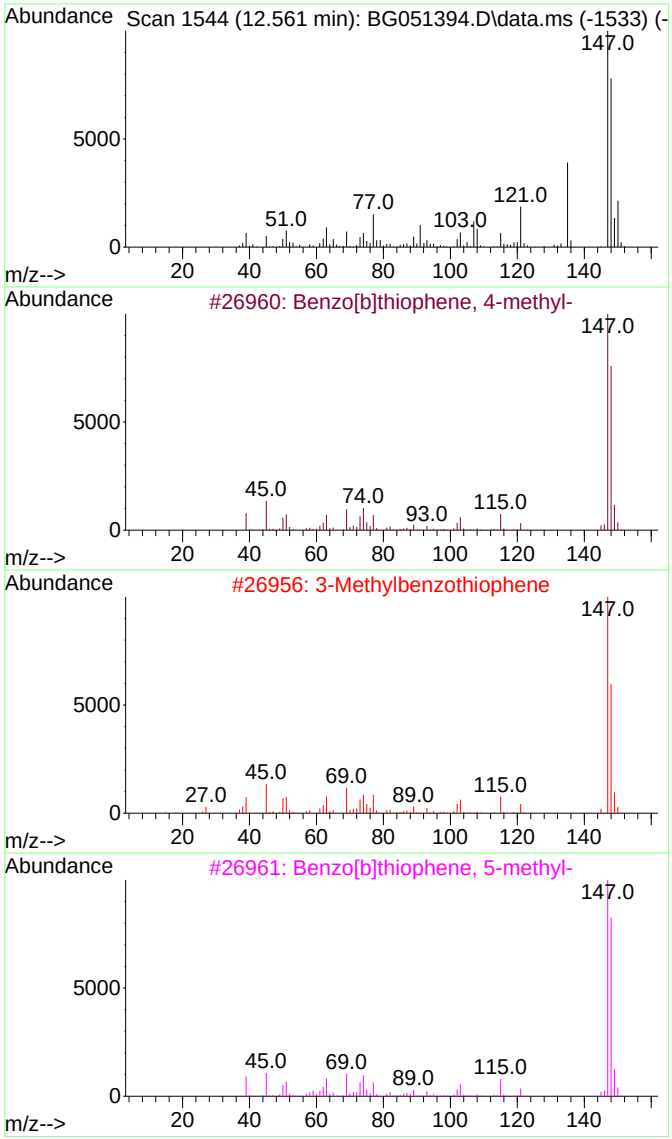
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

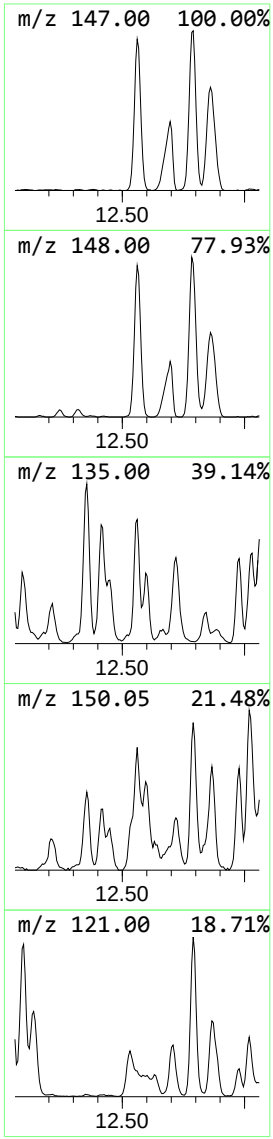
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 Benzo[b]thiophene, 4-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.561 | 61.36 ng/ul | 694547 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene, 4-methyl- | 148 | C9H8S | 014315-11-8 | 62 |
| 2 | 3-Methylbenzothiophene | 148 | C9H8S | 001455-18-1 | 62 |
| 3 | Benzo[b]thiophene, 5-methyl- | 148 | C9H8S | 014315-14-1 | 62 |
| 4 | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S | 001195-14-8 | 53 |
| 5 | 3-Methylbenzothiophene | 148 | C9H8S | 001455-18-1 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

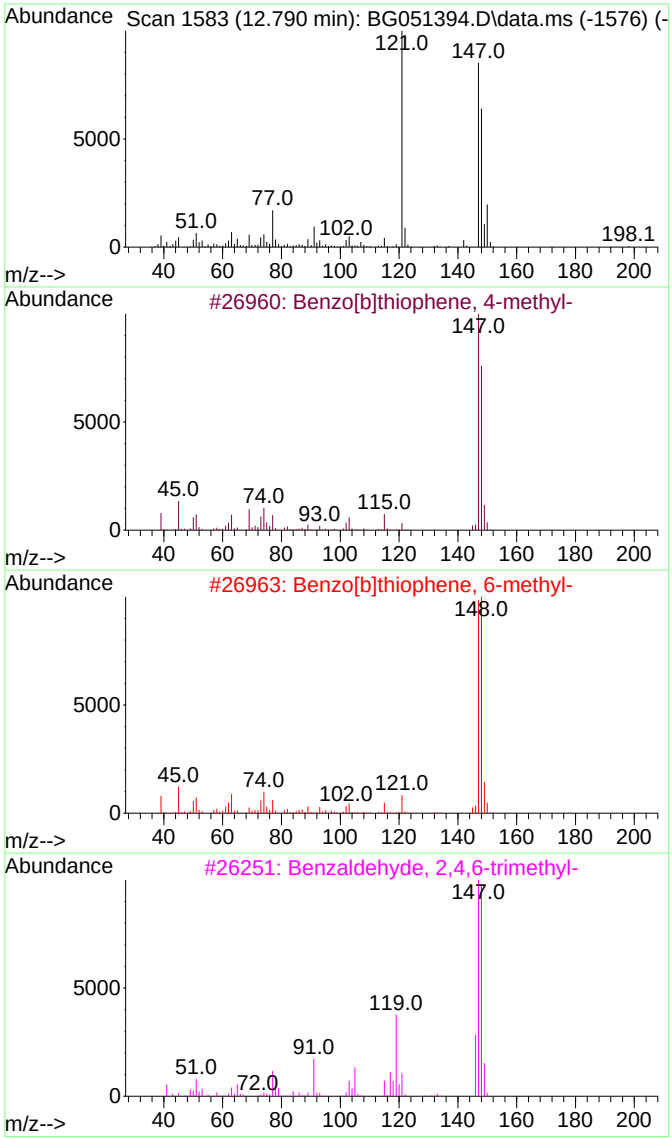
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

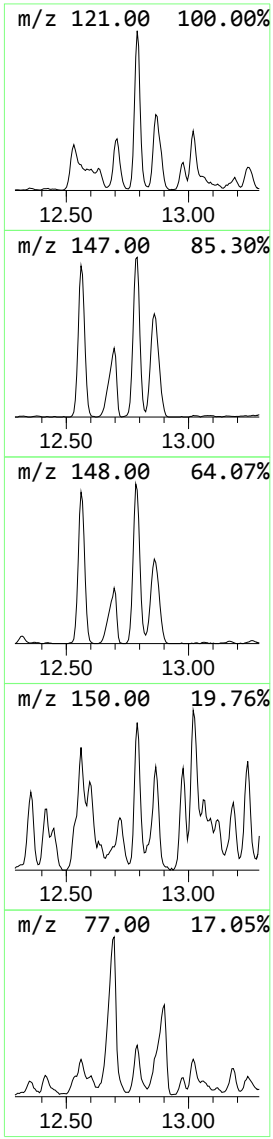
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Benzo[b]thiophene, 6-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.790 | 61.75 ng/ul | 698903 | Naphthalene-d8 | 11.021 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene, 4-methyl- | 148 | C9H8S | 014315-11-8 | 50 |
| 2 | Benzo[b]thiophene, 6-methyl- | 148 | C9H8S | 016587-47-6 | 50 |
| 3 | Benzaldehyde, 2,4,6-trimethyl- | 148 | C10H12O | 000487-68-3 | 49 |
| 4 | Benzaldehyde, 2,4,5-trimethyl- | 148 | C10H12O | 005779-72-6 | 46 |
| 5 | Benzaldehyde, 2,4,6-trimethyl- | 148 | C10H12O | 000487-68-3 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

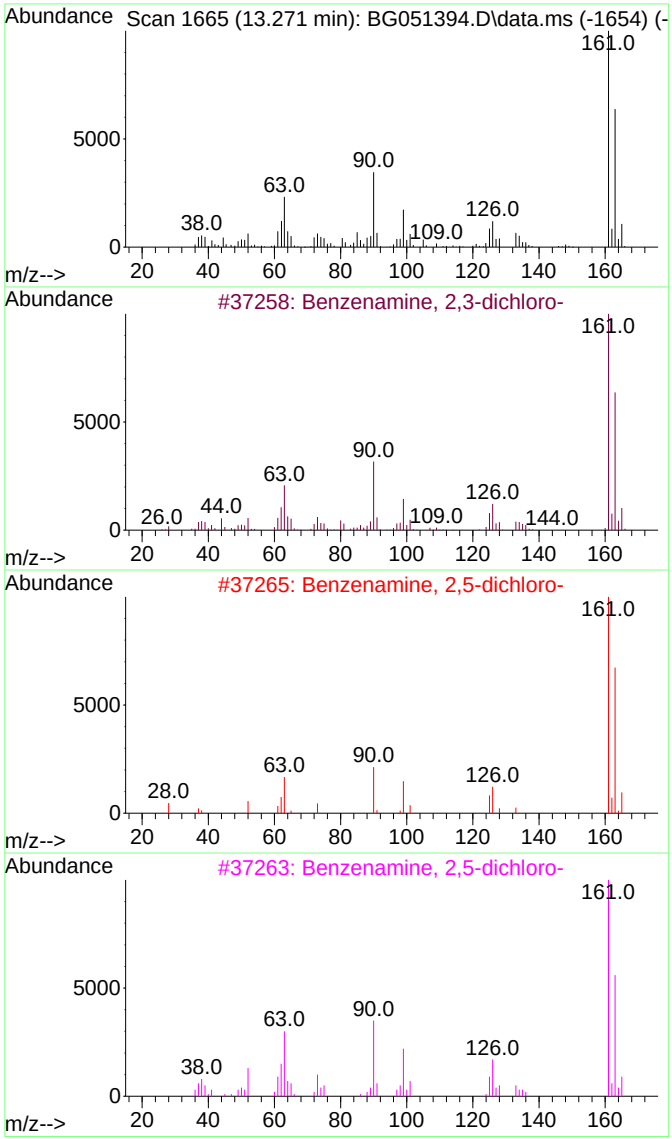
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

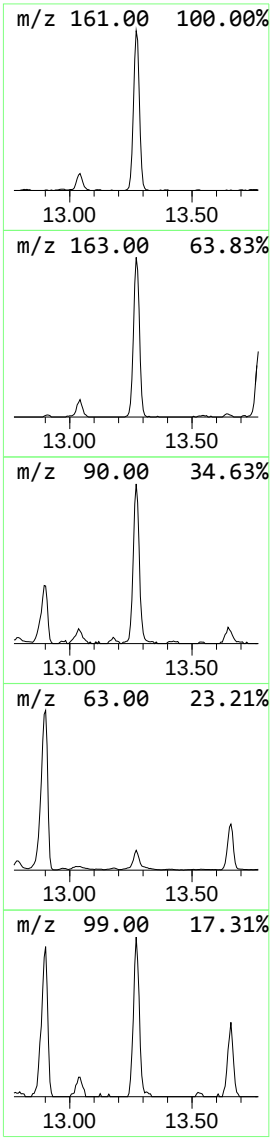
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 Benzenamine, 2,3-dichloro- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.272 | 33.31 ng/ul | 604734 | Acenaphthene-d10 | 14.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenamine, 2,3-dichloro- | 161 | C6H5Cl2N | 000608-27-5 | 98 |
| 2 | Benzenamine, 2,5-dichloro- | 161 | C6H5Cl2N | 000095-82-9 | 97 |
| 3 | Benzenamine, 2,5-dichloro- | 161 | C6H5Cl2N | 000095-82-9 | 97 |
| 4 | Benzenamine, 2,6-dichloro- | 161 | C6H5Cl2N | 000608-31-1 | 97 |
| 5 | Benzenamine, 2,4-dichloro- | 161 | C6H5Cl2N | 000554-00-7 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

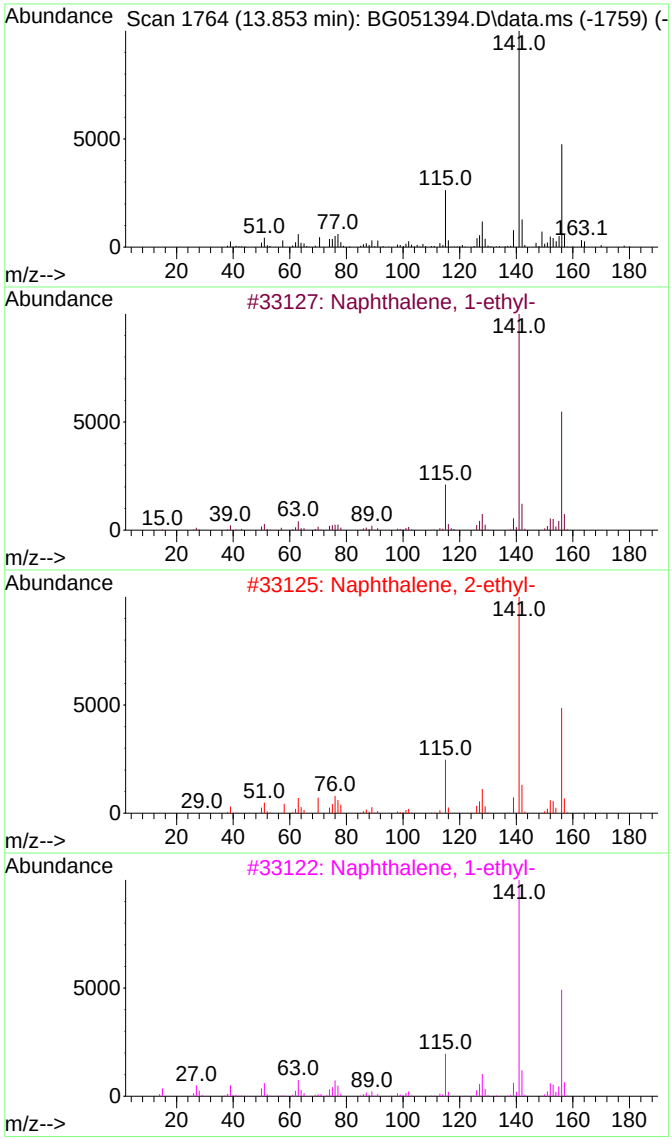
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

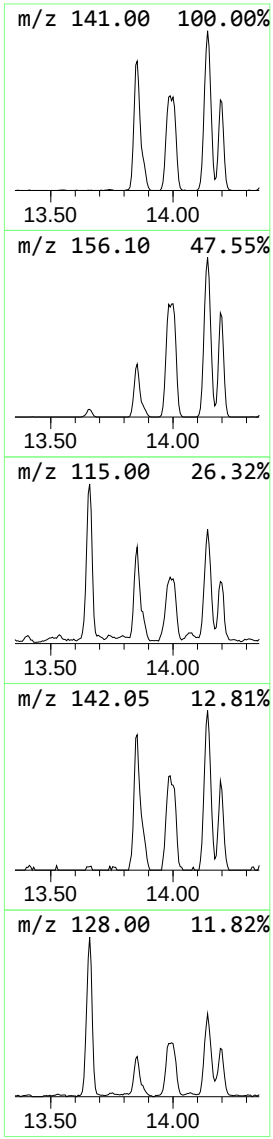
**********

Peak Number 39 Naphthalene, 1-ethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.853 | 22.00 ng/ul | 399472 | Acenaphthene-d10 | 14.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 94 |
| 2 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 3 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 94 |
| 4 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 93 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

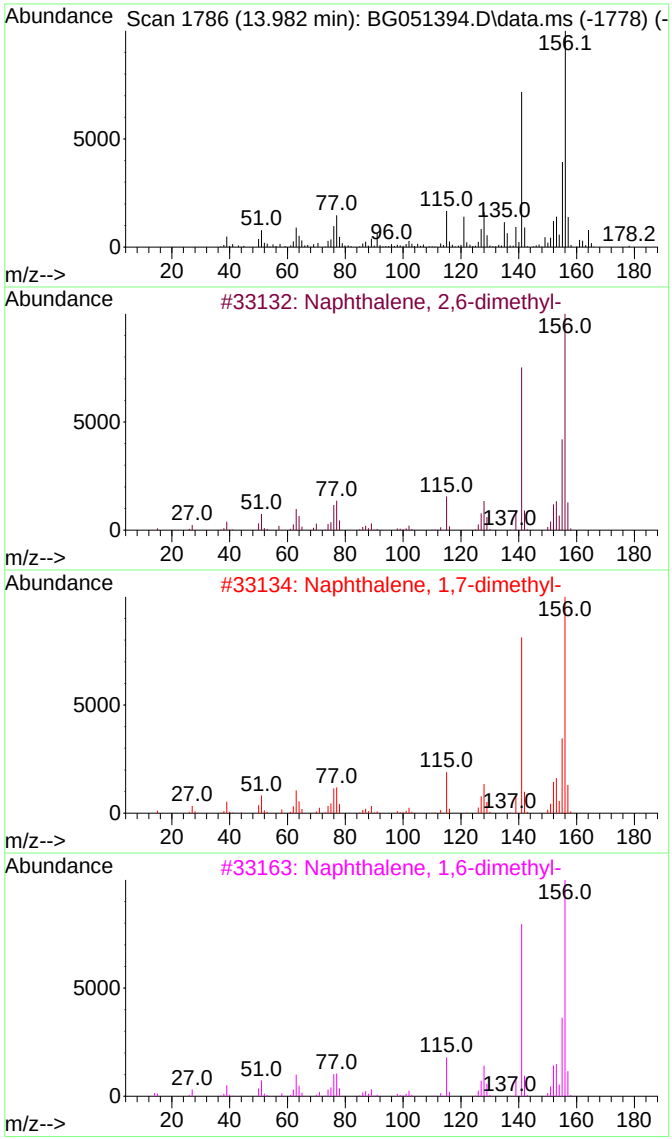
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

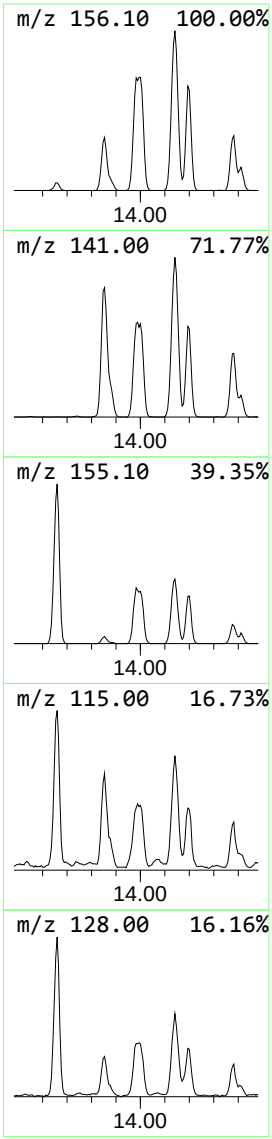
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Naphthalene, 2,6-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.982 | 48.24 ng/ul | 875889 | Acenaphthene-d10 | 14.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 98 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 98 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

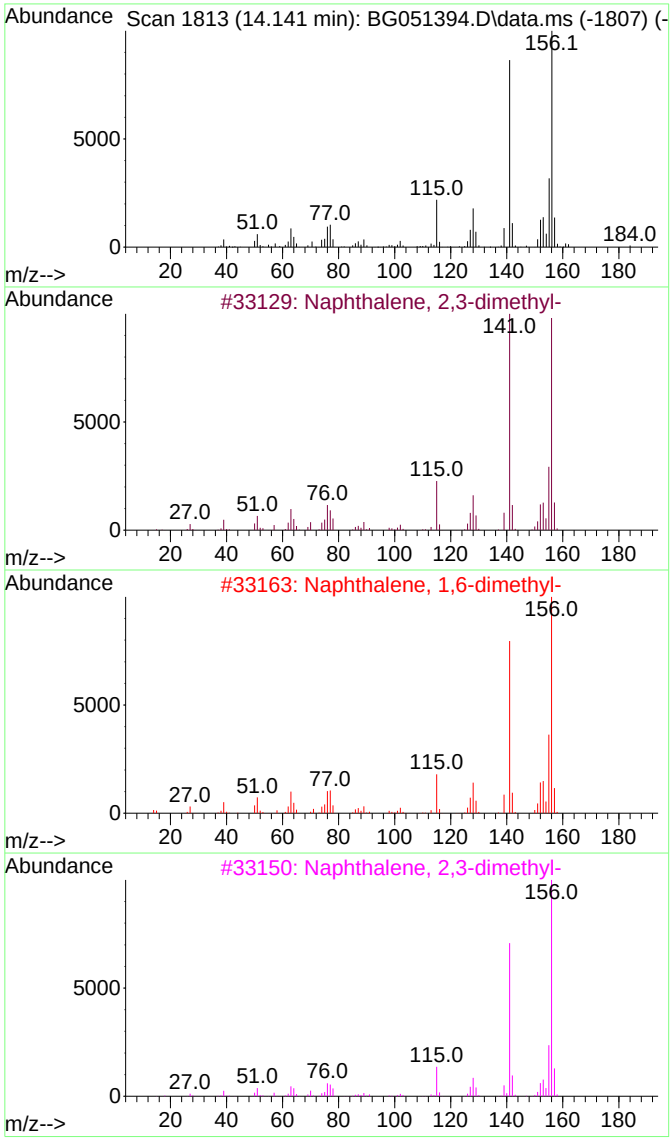
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

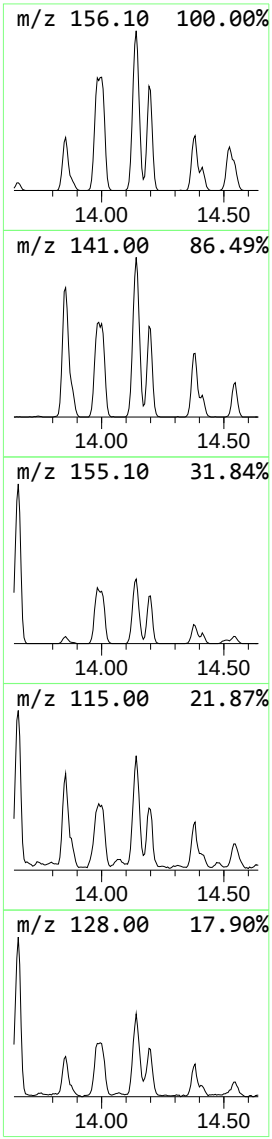
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 Naphthalene, 2,3-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.141 | 37.77 ng/ul | 685810 | Acenaphthene-d10 | 14.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 98 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

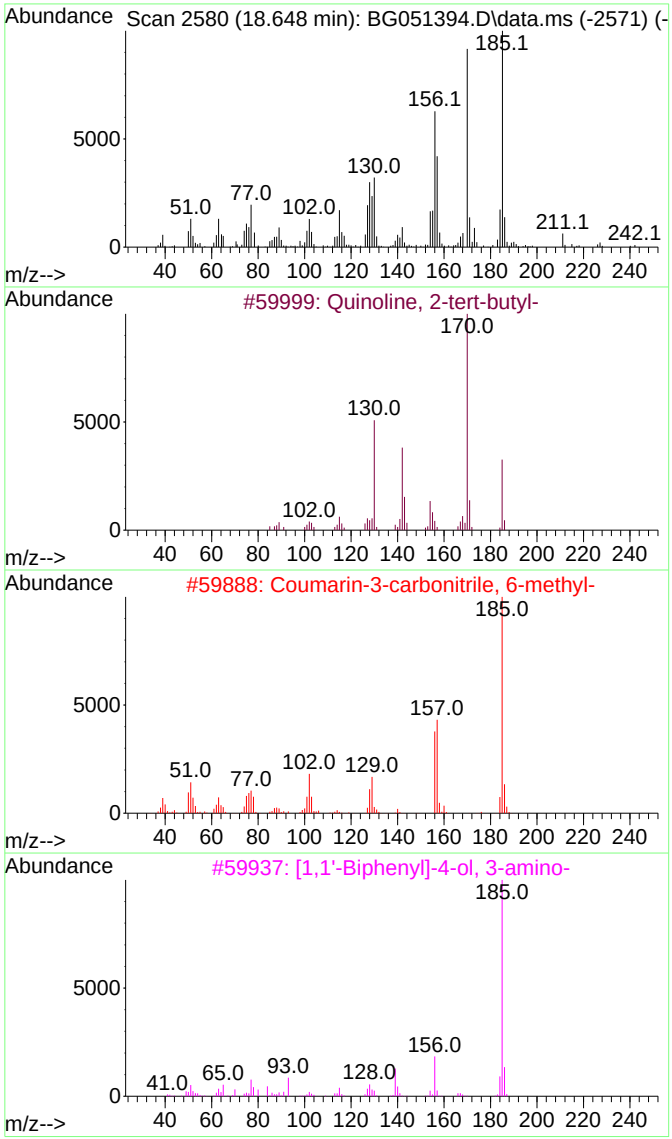
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

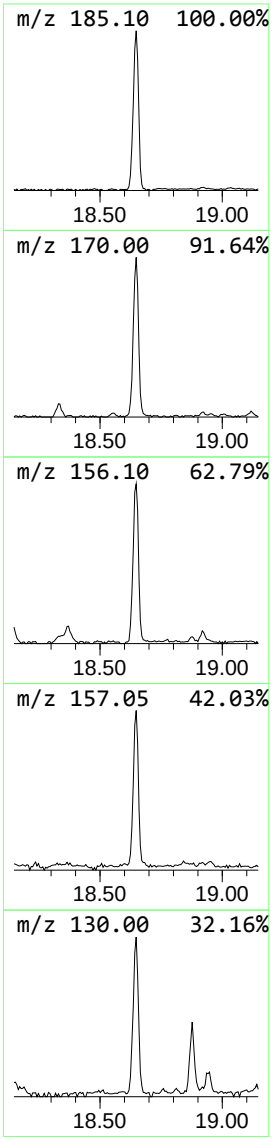
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 Quinoline, 2-tert-butyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.648 | 17.14 ng/ul | 393013 | Phenanthrene-d10 | 17.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Quinoline, 2-tert-butyl- | 185 | C13H15N | 022493-94-3 | 53 |
| 2 | Coumarin-3-carbonitrile, 6-methyl- | 185 | C11H7NO2 | 025816-61-9 | 50 |
| 3 | [1,1'-Biphenyl]-4-ol, 3-amino- | 185 | C12H11NO | 001134-36-7 | 49 |
| 4 | 1H-Isoindole-1,3(2H)-dione, 2-(2... | 185 | C11H7NO2 | 007223-50-9 | 49 |
| 5 | 4-(Phenylamino)phenol, acetate | 227 | C14H13NO2 | 1000447-01-8 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

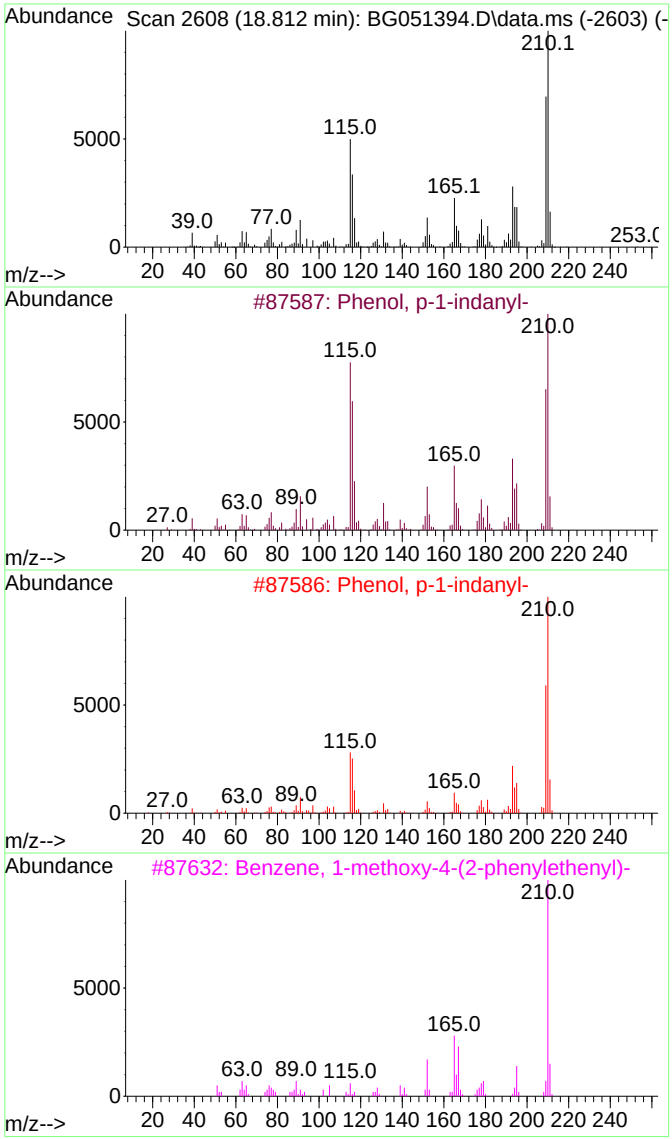
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

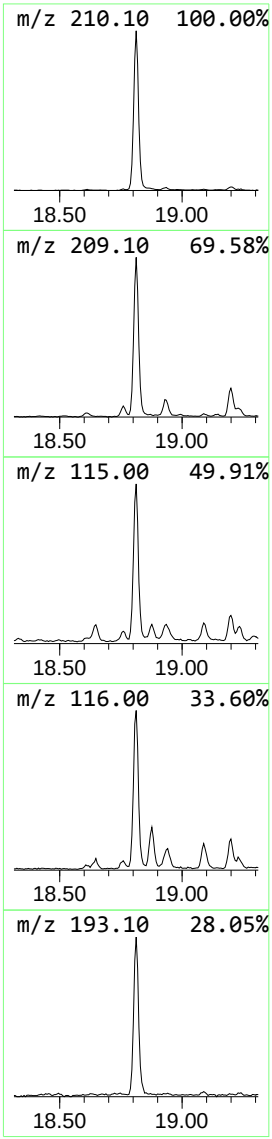
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 Phenol, p-1-indanyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.812 | 36.44 ng/ul | 835253 | Phenanthrene-d10 | 17.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-1-indanyl- | 210 | C15H14O | 005402-37-9 | 99 |
| 2 | Phenol, p-1-indanyl- | 210 | C15H14O | 005402-37-9 | 93 |
| 3 | Benzene, 1-methoxy-4-(2-phenylet... | 210 | C15H14O | 001142-15-0 | 50 |
| 4 | Benzothiazole-2-thiol, 5-dimethy... | 210 | C9H10N2S2 | 298687-01-1 | 46 |
| 5 | Benzene, 1-methoxy-2-(2-phenylet... | 210 | C15H14O | 052805-92-2 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

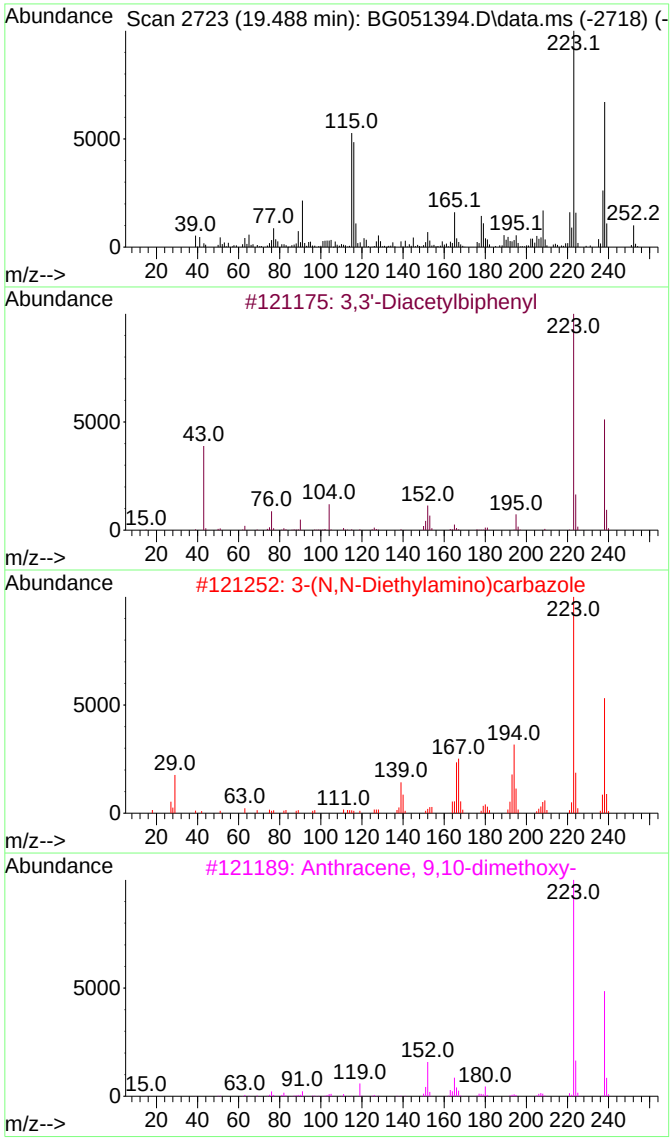
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

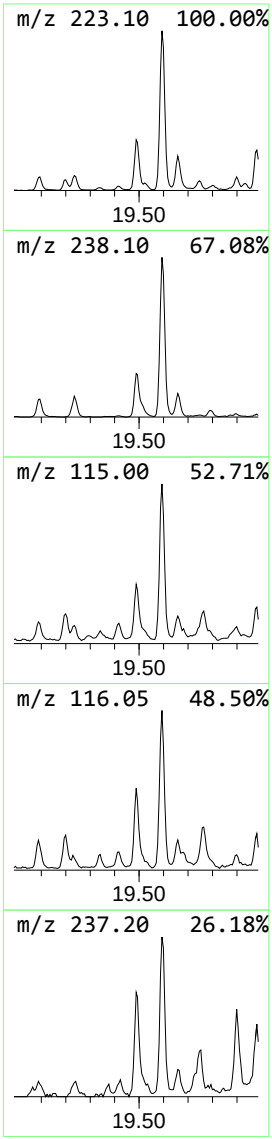
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 54 3,3'-Diacetylbiphenyl Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.488 | 16.99 ng/ul | 389428 | Phenanthrene-d10 | 17.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,3'-Diacetylbiphenyl | 238 | C16H14O2 | 094113-07-2 | 50 |
| 2 | 3-(N,N-Diethylamino)carbazole | 238 | C16H18N2 | 054994-31-9 | 49 |
| 3 | Anthracene, 9,10-dimethoxy- | 238 | C16H14O2 | 002395-97-3 | 43 |
| 4 | 1-(2-Pyridyl)-3-(p-tolyl)-2-prop... | 223 | C15H13NO | 024582-66-9 | 43 |
| 5 | 1,7-Cleve's acid | 223 | C10H9NO3S | 000119-28-8 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

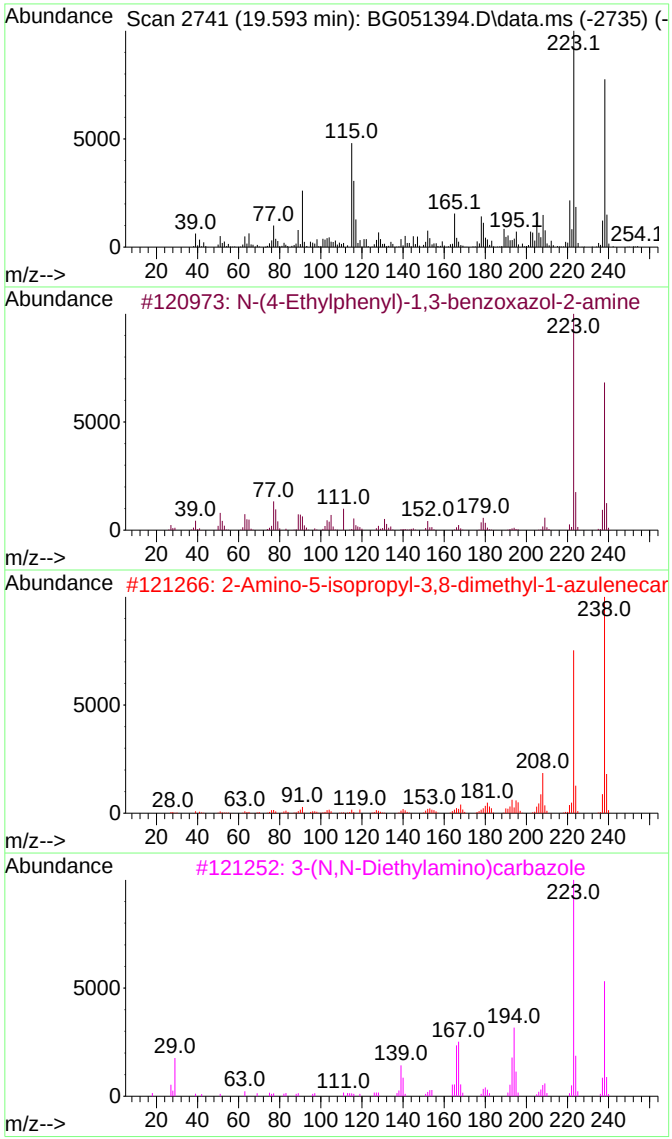
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

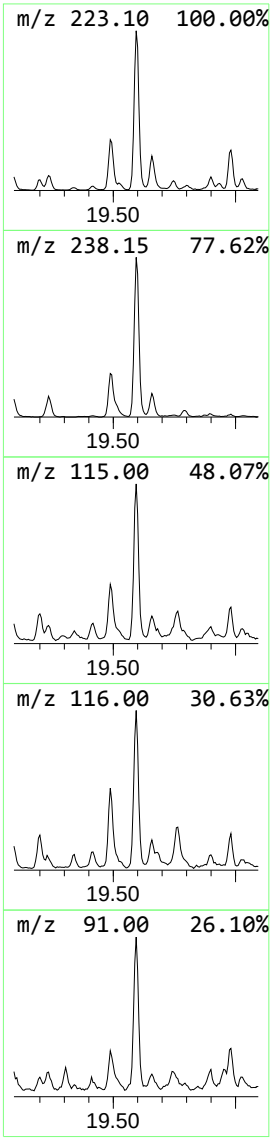
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 N-(4-Ethylphenyl)-1,3-benzo... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.593 | 42.68 ng/ul | 978296 | Phenanthrene-d10 | 17.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-(4-Ethylphenyl)-1,3-benzoxazol... | 238 | C15H14N2O | 770710-42-4 | 86 |
| 2 | 2-Amino-5-isopropyl-3,8-dimethyl... | 238 | C16H18N2 | 093018-84-9 | 70 |
| 3 | 3-(N,N-Diethylamino)carbazole | 238 | C16H18N2 | 054994-31-9 | 70 |
| 4 | Anthracene, 1,4-dimethoxy- | 238 | C16H14O2 | 013076-29-4 | 58 |
| 5 | Anthracene, 1,4-dimethoxy- | 238 | C16H14O2 | 013076-29-4 | 58 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051394.D
Acq On : 7 Dec 2021 22:45
Operator : CG/JU
Sample : M4870-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKP5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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 |
| Benzene, 1,3-di... | 6.162 | 62.4 | ng/ul | 864667 | 1 | 8.183 | 277266 | 20.0 |
| Benzene, (1-met... | 6.644 | 12.2 | ng/ul | 169101 | 1 | 8.183 | 277266 | 20.0 |
| Benzene, 1-ethy... | 7.249 | 30.6 | ng/ul | 423690 | 1 | 8.183 | 277266 | 20.0 |
| Benzene, 1,2,3-... | 8.295 | 23.5 | ng/ul | 325569 | 1 | 8.183 | 277266 | 20.0 |
| Indane | 8.553 | 15.9 | ng/ul | 221003 | 1 | 8.183 | 277266 | 20.0 |
| Hexanoic acid, ... | 9.629 | 118.2 | ng/ul | 1337430 | 2 | 11.021 | 226368 | 20.0 |
| unknown-01 | 9.917 | 26.0 | ng/ul | 294590 | 2 | 11.021 | 226368 | 20.0 |
| unknown-02 | 9.999 | 20.0 | ng/ul | 226722 | 2 | 11.021 | 226368 | 20.0 |
| o-Chloroaniline | 10.034 | 52.8 | ng/ul | 597881 | 2 | 11.021 | 226368 | 20.0 |
| Benzene, (1-met... | 10.398 | 18.9 | ng/ul | 214032 | 2 | 11.021 | 226368 | 20.0 |
| Phenol, 3-ethyl- | 10.457 | 50.5 | ng/ul | 571393 | 2 | 11.021 | 226368 | 20.0 |
| Phenol, 3,5-dim... | 10.498 | 29.0 | ng/ul | 328015 | 2 | 11.021 | 226368 | 20.0 |
| Phenol, 3,4-dim... | 10.892 | 39.3 | ng/ul | 444782 | 2 | 11.021 | 226368 | 20.0 |
| p-Cumenol | 11.368 | 18.6 | ng/ul | 209986 | 2 | 11.021 | 226368 | 20.0 |
| Phenol, 4-ethyl... | 11.550 | 35.9 | ng/ul | 406393 | 2 | 11.021 | 226368 | 20.0 |
| Phenol, 2-ethyl... | 11.632 | 38.0 | ng/ul | 429500 | 2 | 11.021 | 226368 | 20.0 |
| Phenol, 3-ethyl... | 11.850 | 187.0 | ng/ul | 2116100 | 2 | 11.021 | 226368 | 20.0 |
| Phenol, 2,4,5-t... | 12.044 | 74.6 | ng/ul | 844783 | 2 | 11.021 | 226368 | 20.0 |
| Phenol, 2,3,6-t... | 12.096 | 58.8 | ng/ul | 665978 | 2 | 11.021 | 226368 | 20.0 |
| Phenol, 2-ethyl... | 12.137 | 29.8 | ng/ul | 337529 | 2 | 11.021 | 226368 | 20.0 |
| Benzo[b]thiophe... | 12.561 | 61.4 | ng/ul | 694547 | 2 | 11.021 | 226368 | 20.0 |
| Benzo[b]thiophe... | 12.790 | 61.8 | ng/ul | 698903 | 2 | 11.021 | 226368 | 20.0 |
| Benzenamine, 2,... | 13.272 | 33.3 | ng/ul | 604734 | 3 | 14.823 | 363137 | 20.0 |
| Naphthalene, 1-... | 13.853 | 22.0 | ng/ul | 399472 | 3 | 14.823 | 363137 | 20.0 |
| Naphthalene, 2,... | 13.982 | 48.2 | ng/ul | 875889 | 3 | 14.823 | 363137 | 20.0 |
| Naphthalene, 2,... | 14.141 | 37.8 | ng/ul | 685810 | 3 | 14.823 | 363137 | 20.0 |
| Quinoline, 2-te... | 18.648 | 17.1 | ng/ul | 393013 | 4 | 17.572 | 458473 | 20.0 |
| Phenol, p-1-ind... | 18.812 | 36.4 | ng/ul | 835253 | 4 | 17.572 | 458473 | 20.0 |
| 3,3'-Diacetylbi... | 19.488 | 17.0 | ng/ul | 389428 | 4 | 17.572 | 458473 | 20.0 |
| N-(4-Ethylpheny... | 19.593 | 42.7 | ng/ul | 978296 | 4 | 17.572 | 458473 | 20.0 |