LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

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_P\Methods\SFAM-EPA-BP082423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016852.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.334 | 3 | 8 | 13 | rBV | 675057 | 1028845 | 1.66% | 0.414% |
| 2 | 3.381 | 13 | 16 | 20 | rVB | 105064 | 146015 | 0.24% | 0.059% |
| 3 | 3.817 | 87 | 90 | 105 | rBV | 501753 | 825802 | 1.33% | 0.332% |
| 4 | 4.664 | 226 | 234 | 256 | rBV | 32693469 | 62038823 | 100.00% | 24.945% |
| 5 | 5.987 | 452 | 459 | 468 | rVB | 1222914 | 1818550 | 2.93% | 0.731% |
| 6 | 6.464 | 534 | 540 | 551 | rVB | 192787 | 304534 | 0.49% | 0.122% |
| 7 | 7.169 | 654 | 660 | 675 | rVB | 479674 | 831851 | 1.34% | 0.334% |
| 8 | 7.364 | 686 | 693 | 703 | rBV2 | 2188234 | 3712720 | 5.98% | 1.493% |
| 9 | 7.546 | 715 | 724 | 736 | rBV | 1832806 | 3004503 | 4.84% | 1.208% |
| 10 | 7.887 | 778 | 782 | 789 | rVB | 128742 | 204629 | 0.33% | 0.082% |
| 11 | 8.022 | 798 | 805 | 814 | rBV | 1635982 | 2600137 | 4.19% | 1.045% |
| 12 | 8.111 | 814 | 820 | 827 | rVV | 1224259 | 1894281 | 3.05% | 0.762% |
| 13 | 8.728 | 920 | 925 | 933 | rVV | 1254348 | 2354714 | 3.80% | 0.947% |
| 14 | 8.799 | 933 | 937 | 944 | rVB | 118380 | 193594 | 0.31% | 0.078% |
| 15 | 9.105 | 983 | 989 | 999 | rVV2 | 181613 | 317497 | 0.51% | 0.128% |
| 16 | 9.222 | 999 | 1009 | 1021 | rVV2 | 2423965 | 5060896 | 8.16% | 2.035% |
| 17 | 9.440 | 1041 | 1046 | 1053 | rBV2 | 230972 | 420560 | 0.68% | 0.169% |
| 18 | 9.522 | 1053 | 1060 | 1074 | rVV | 4752139 | 8263817 | 13.32% | 3.323% |
| 19 | 9.634 | 1074 | 1079 | 1084 | rVB | 167750 | 255939 | 0.41% | 0.103% |
| 20 | 9.693 | 1084 | 1089 | 1094 | rBV | 162045 | 237453 | 0.38% | 0.095% |
| 21 | 9.940 | 1124 | 1131 | 1138 | rVV | 1847256 | 3072537 | 4.95% | 1.235% |
| 22 | 10.005 | 1138 | 1142 | 1147 | rVB3 | 133618 | 212719 | 0.34% | 0.086% |
| 23 | 10.093 | 1147 | 1157 | 1165 | rVB3 | 57816 | 167667 | 0.27% | 0.067% |
| 24 | 10.216 | 1165 | 1178 | 1186 | rBV | 696630 | 1166183 | 1.88% | 0.469% |
| 25 | 10.469 | 1213 | 1221 | 1231 | rVV | 2872823 | 4823727 | 7.78% | 1.940% |
| 26 | 10.675 | 1251 | 1256 | 1264 | rBV3 | 47475 | 134872 | 0.22% | 0.054% |
| 27 | 10.775 | 1269 | 1273 | 1275 | rBV | 110832 | 166506 | 0.27% | 0.067% |
| 28 | 10.852 | 1280 | 1286 | 1291 | rVV | 2382451 | 4374235 | 7.05% | 1.759% |
| 29 | 10.905 | 1291 | 1295 | 1307 | rVB | 2709870 | 5074197 | 8.18% | 2.040% |
| 30 | 11.010 | 1307 | 1313 | 1324 | rVB2 | 816315 | 1739272 | 2.80% | 0.699% |
| 31 | 11.181 | 1337 | 1342 | 1347 | rBV | 74083 | 129941 | 0.21% | 0.052% |
| 32 | 11.305 | 1356 | 1363 | 1368 | rBV | 254248 | 430644 | 0.69% | 0.173% |
| 33 | 11.416 | 1375 | 1382 | 1390 | rBV2 | 254288 | 440515 | 0.71% | 0.177% |
| 34 | 11.740 | 1431 | 1437 | 1447 | rBV2 | 226809 | 410402 | 0.66% | 0.165% |
| 35 | 11.852 | 1451 | 1456 | 1465 | rBV2 | 171052 | 426385 | 0.69% | 0.171% |
| 36 | 11.934 | 1465 | 1470 | 1475 | rVB2 | 241975 | 368213 | 0.59% | 0.148% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

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_P\Methods\SFAM-EPA-BP082423.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.022 | 1480 | 1485 | 1491 | rVB2 | 161194 | 300301 | 0.48% | 0.121% |
| 38 | 12.122 | 1496 | 1502 | 1512 | rVB3 | 120648 | 314516 | 0.51% | 0.126% |
| 39 | 12.210 | 1512 | 1517 | 1526 | rBV2 | 120956 | 278369 | 0.45% | 0.112% |
| 40 | 12.310 | 1527 | 1534 | 1536 | rBV5 | 61274 | 139678 | 0.23% | 0.056% |
| 41 | 12.504 | 1562 | 1567 | 1575 | rVB2 | 78681 | 148474 | 0.24% | 0.060% |
| 42 | 12.675 | 1590 | 1596 | 1598 | rBV4 | 67540 | 134538 | 0.22% | 0.054% |
| 43 | 12.722 | 1598 | 1604 | 1612 | rBV2 | 2444689 | 4451845 | 7.18% | 1.790% |
| 44 | 13.057 | 1655 | 1661 | 1665 | rVB6 | 63910 | 149617 | 0.24% | 0.060% |
| 45 | 13.151 | 1672 | 1677 | 1683 | rVV | 316475 | 467176 | 0.75% | 0.188% |
| 46 | 13.216 | 1683 | 1688 | 1698 | rVB9 | 67284 | 176577 | 0.28% | 0.071% |
| 47 | 13.387 | 1712 | 1717 | 1723 | rVB3 | 190880 | 330755 | 0.53% | 0.133% |
| 48 | 13.510 | 1732 | 1738 | 1742 | rBV | 342322 | 576082 | 0.93% | 0.232% |
| 49 | 13.557 | 1742 | 1746 | 1751 | rBV3 | 163816 | 265150 | 0.43% | 0.107% |
| 50 | 13.663 | 1757 | 1764 | 1768 | rBV2 | 789027 | 1347105 | 2.17% | 0.542% |
| 51 | 13.828 | 1787 | 1792 | 1793 | rVV | 343424 | 430871 | 0.69% | 0.173% |
| 52 | 13.863 | 1793 | 1798 | 1804 | rVV2 | 1183178 | 1992285 | 3.21% | 0.801% |
| 53 | 13.922 | 1804 | 1808 | 1811 | rVV4 | 110346 | 166599 | 0.27% | 0.067% |
| 54 | 13.987 | 1811 | 1819 | 1824 | rVV | 935638 | 2052145 | 3.31% | 0.825% |
| 55 | 14.040 | 1824 | 1828 | 1832 | rVV | 726187 | 1193676 | 1.92% | 0.480% |
| 56 | 14.093 | 1832 | 1837 | 1844 | rVV | 5965851 | 8370135 | 13.49% | 3.366% |
| 57 | 14.175 | 1847 | 1851 | 1856 | rVV4 | 175973 | 378069 | 0.61% | 0.152% |
| 58 | 14.228 | 1856 | 1860 | 1863 | rVV | 406630 | 577977 | 0.93% | 0.232% |
| 59 | 14.263 | 1863 | 1866 | 1869 | rVV | 212725 | 295186 | 0.48% | 0.119% |
| 60 | 14.293 | 1869 | 1871 | 1877 | rVB4 | 113704 | 166214 | 0.27% | 0.067% |
| 61 | 14.375 | 1877 | 1885 | 1896 | rBV2 | 6421214 | 10418303 | 16.79% | 4.189% |
| 62 | 14.640 | 1925 | 1930 | 1931 | rVV2 | 269243 | 362086 | 0.58% | 0.146% |
| 63 | 14.675 | 1931 | 1936 | 1944 | rVV | 3661615 | 5565155 | 8.97% | 2.238% |
| 64 | 14.746 | 1945 | 1948 | 1952 | rVV3 | 137226 | 198908 | 0.32% | 0.080% |
| 65 | 14.798 | 1952 | 1957 | 1961 | rVV5 | 96725 | 196721 | 0.32% | 0.079% |
| 66 | 14.846 | 1961 | 1965 | 1966 | rVV | 207464 | 283739 | 0.46% | 0.114% |
| 67 | 14.887 | 1968 | 1972 | 1980 | rVB | 507544 | 932956 | 1.50% | 0.375% |
| 68 | 15.051 | 1994 | 2000 | 2007 | rVB5 | 190701 | 445408 | 0.72% | 0.179% |
| 69 | 15.134 | 2008 | 2014 | 2016 | rBV2 | 166529 | 304432 | 0.49% | 0.122% |
| 70 | 15.163 | 2016 | 2019 | 2024 | rVB | 405314 | 536156 | 0.86% | 0.216% |
| 71 | 15.216 | 2025 | 2028 | 2035 | rVB6 | 169565 | 297792 | 0.48% | 0.120% |
| 72 | 15.287 | 2035 | 2040 | 2041 | rBV2 | 239054 | 321652 | 0.52% | 0.129% |
| 73 | 15.434 | 2061 | 2065 | 2071 | rVB6 | 135717 | 291123 | 0.47% | 0.117% |
| 74 | 15.522 | 2076 | 2080 | 2089 | rBV | 449216 | 801436 | 1.29% | 0.322% |
| 75 | 15.598 | 2089 | 2093 | 2099 | rBV4 | 183299 | 318914 | 0.51% | 0.128% |
| 76 | 15.675 | 2099 | 2106 | 2113 | rBV | 8782010 | 12552952 | 20.23% | 5.047% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

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_P\Methods\SFAM-EPA-BP082423.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.793 | 2120 | 2126 | 2132 | rBV | 2916175 | 4050609 | 6.53% | 1.629% |
| 78 | 15.851 | 2133 | 2136 | 2143 | rVB3 | 257067 | 422313 | 0.68% | 0.170% |
| 79 | 15.916 | 2143 | 2147 | 2152 | rBV4 | 99133 | 238159 | 0.38% | 0.096% |
| 80 | 16.028 | 2160 | 2166 | 2174 | rBV | 819911 | 1510528 | 2.43% | 0.607% |
| 81 | 16.216 | 2194 | 2198 | 2201 | rBV | 169681 | 231818 | 0.37% | 0.093% |
| 82 | 16.416 | 2226 | 2232 | 2241 | rBV3 | 740013 | 1567990 | 2.53% | 0.630% |
| 83 | 16.704 | 2276 | 2281 | 2291 | rVB2 | 338021 | 668965 | 1.08% | 0.269% |
| 84 | 17.034 | 2334 | 2337 | 2342 | rBV2 | 103973 | 143330 | 0.23% | 0.058% |
| 85 | 17.245 | 2369 | 2373 | 2381 | rBV6 | 118615 | 365806 | 0.59% | 0.147% |
| 86 | 17.334 | 2384 | 2388 | 2396 | rVV | 250148 | 484269 | 0.78% | 0.195% |
| 87 | 17.445 | 2400 | 2407 | 2417 | rVV | 4628953 | 6962332 | 11.22% | 2.799% |
| 88 | 17.545 | 2418 | 2424 | 2440 | rVB2 | 10399383 | 14731318 | 23.75% | 5.923% |
| 89 | 17.863 | 2474 | 2478 | 2482 | rVB | 343815 | 479451 | 0.77% | 0.193% |
| 90 | 18.075 | 2510 | 2514 | 2523 | rBV6 | 114892 | 255706 | 0.41% | 0.103% |
| 91 | 18.228 | 2536 | 2540 | 2544 | rBV2 | 96217 | 144408 | 0.23% | 0.058% |
| 92 | 18.281 | 2545 | 2549 | 2557 | rVV | 693684 | 1045888 | 1.69% | 0.421% |
| 93 | 18.351 | 2558 | 2561 | 2568 | rVB4 | 194803 | 343894 | 0.55% | 0.138% |
| 94 | 19.351 | 2727 | 2731 | 2737 | rBV | 134743 | 187530 | 0.30% | 0.075% |
| 95 | 19.416 | 2739 | 2742 | 2748 | rVB | 133981 | 183777 | 0.30% | 0.074% |
| 96 | 19.516 | 2755 | 2759 | 2771 | rVB | 316644 | 479375 | 0.77% | 0.193% |
| 97 | 19.781 | 2798 | 2804 | 2810 | rBV | 12055909 | 15639668 | 25.21% | 6.289% |
| 98 | 21.539 | 3098 | 3103 | 3109 | rBV | 4221682 | 5337163 | 8.60% | 2.146% |
| 99 | 23.939 | 3503 | 3511 | 3523 | rVB2 | 5375644 | 11443559 | 18.45% | 4.601% |
| 100 | 24.110 | 3533 | 3540 | 3551 | rVB | 2133294 | 4597831 | 7.41% | 1.849% |

Sum of corrected areas: 248699935

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
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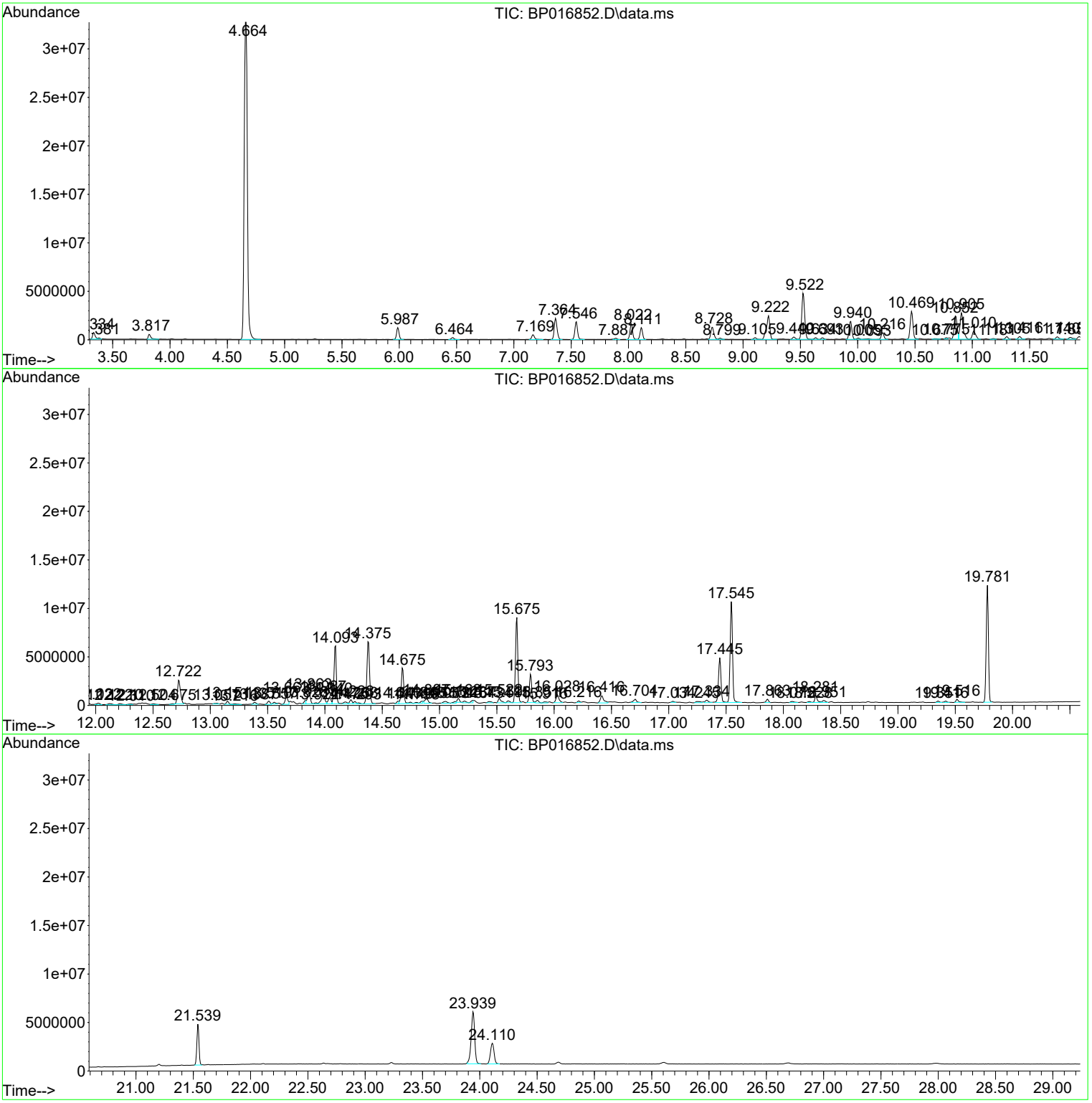
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

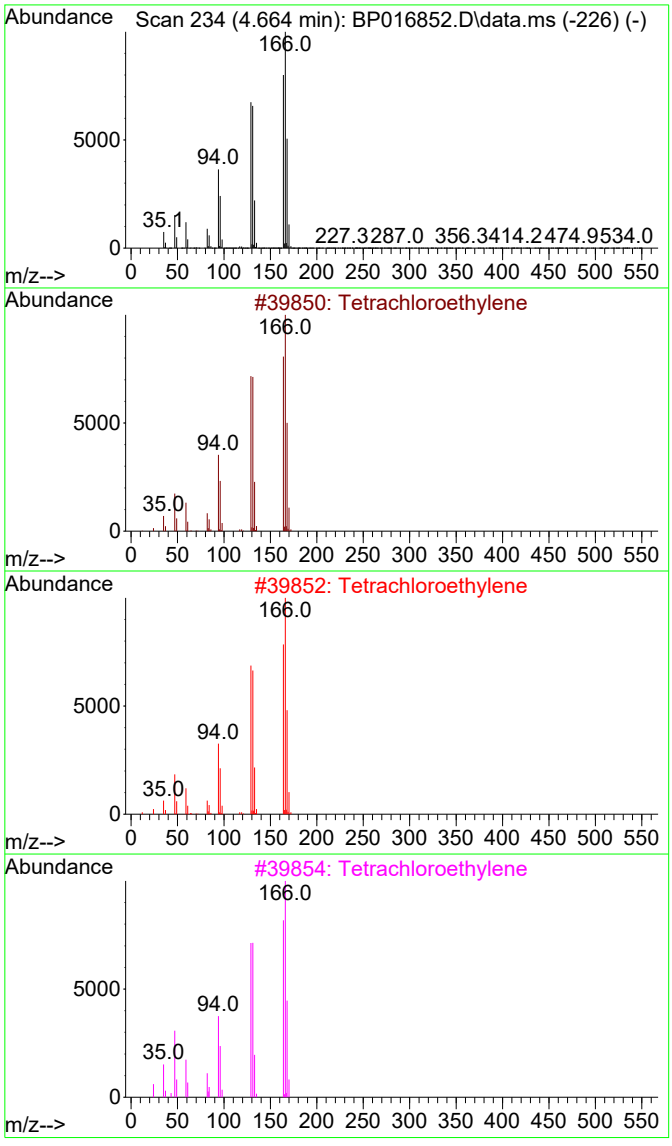
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

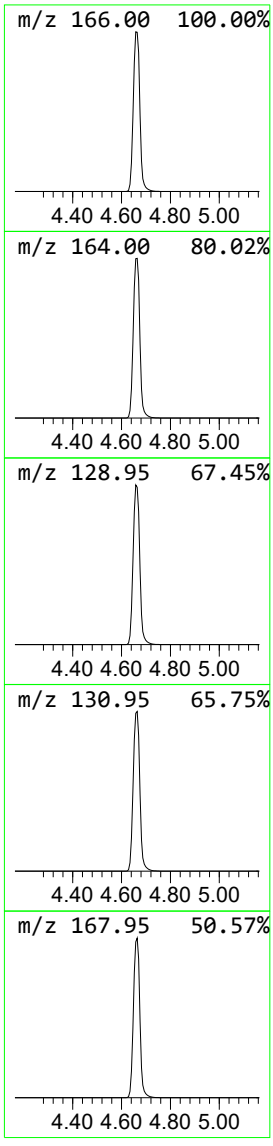
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Tetrachloroethylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.664 | 477.20 ng/ul | 62038800 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 99 |
| 2 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 99 |
| 3 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 97 |
| 4 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 97 |
| 5 | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HCl2FN2 | 002927-71-1 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

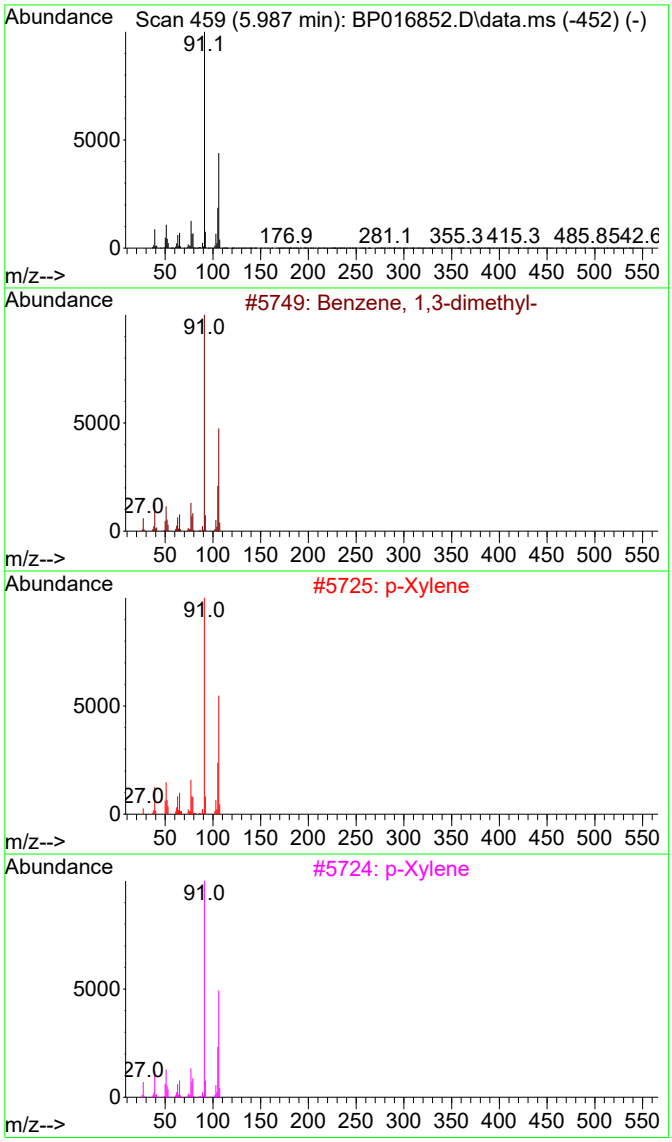
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

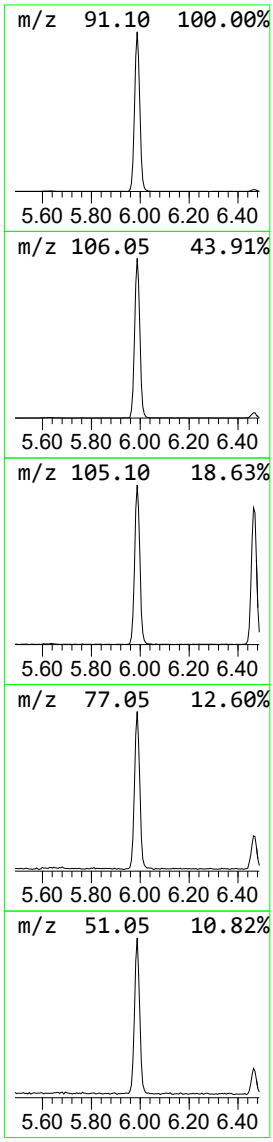
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.987 | 13.99 ng/ul | 1818550 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 4 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 5 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

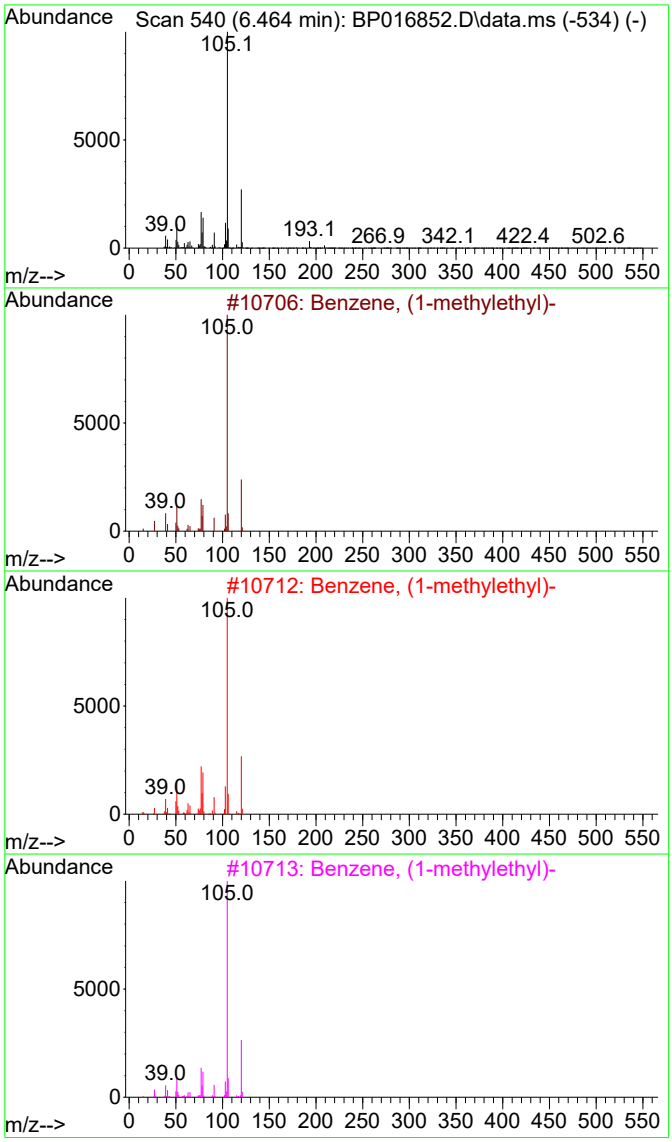
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

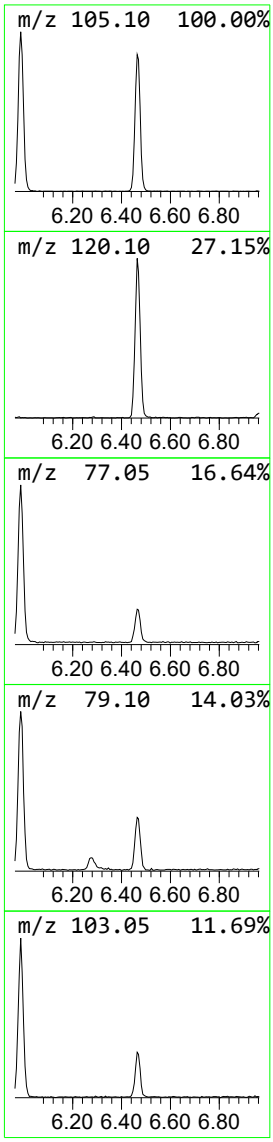
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.464 | 2.34 ng/ul | 304534 | 1,4-Dichlorobenzene-d4 | 8.022 |

| 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 | 95 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

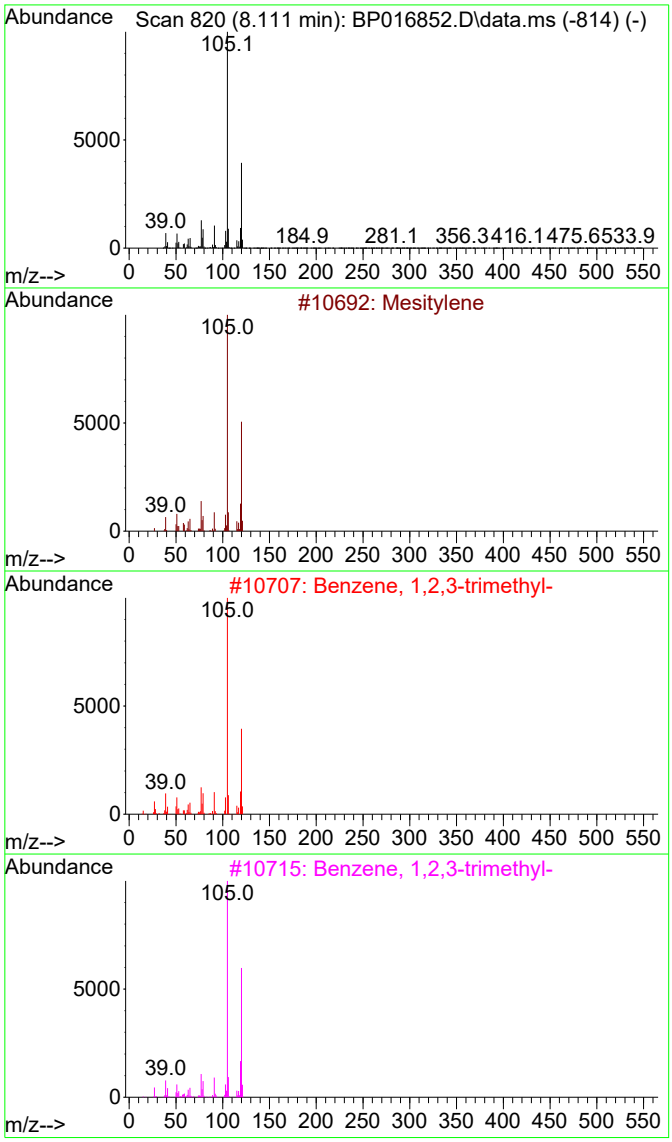
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

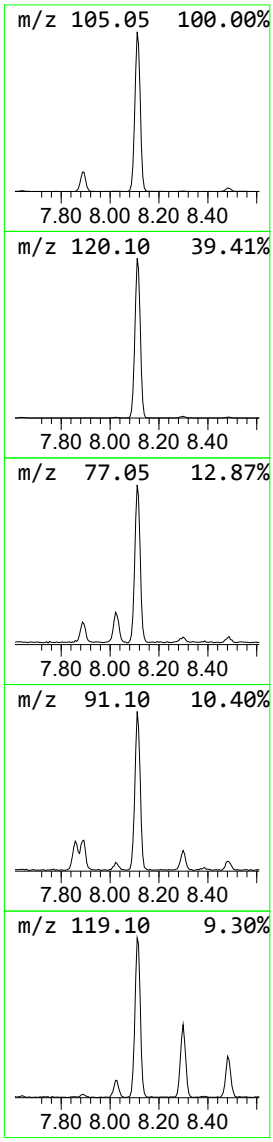
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Mesitylene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.111 | 14.57 ng/ul | 1894280 | 1,4-Dichlorobenzene-d4 | 8.022 |

| 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 | 95 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

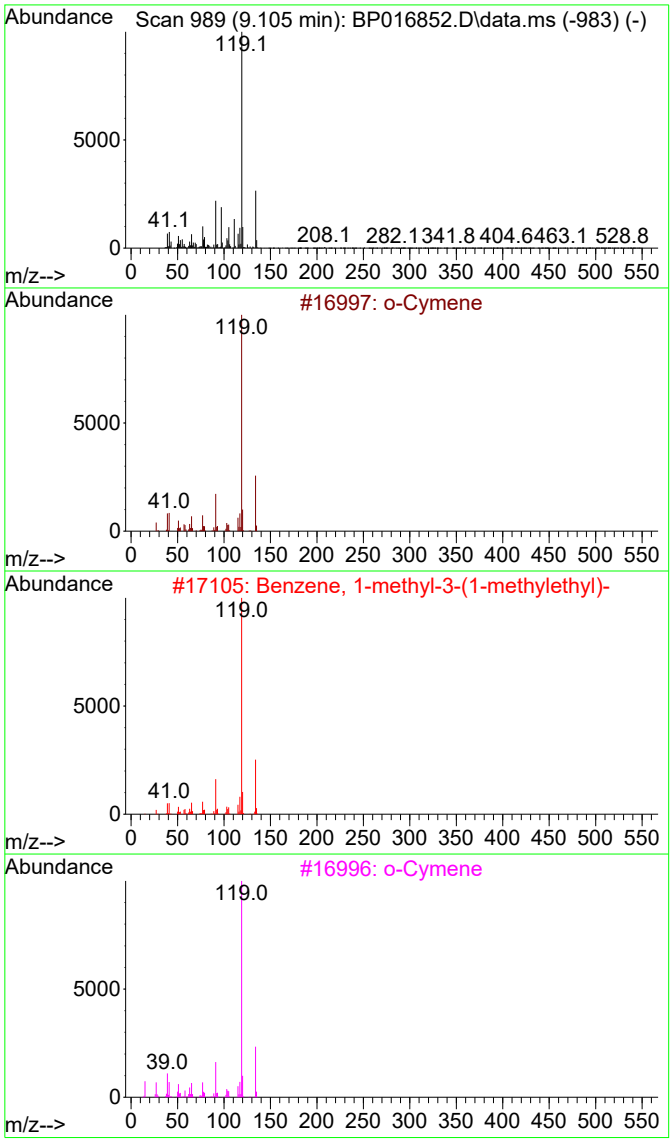
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

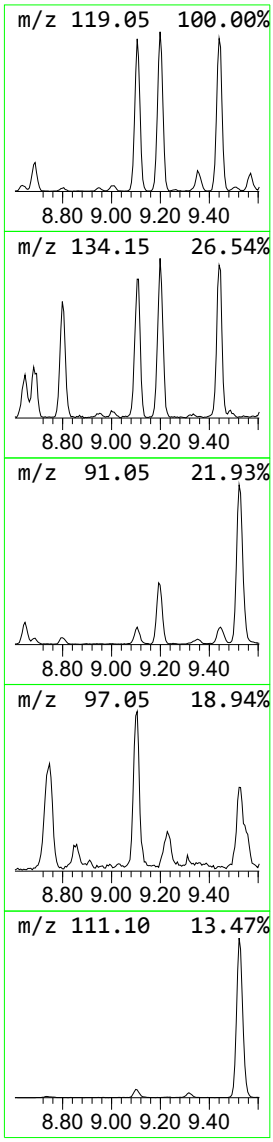
**********

Peak Number 5 o-Cymene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.105 | 2.44 ng/ul | 317497 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

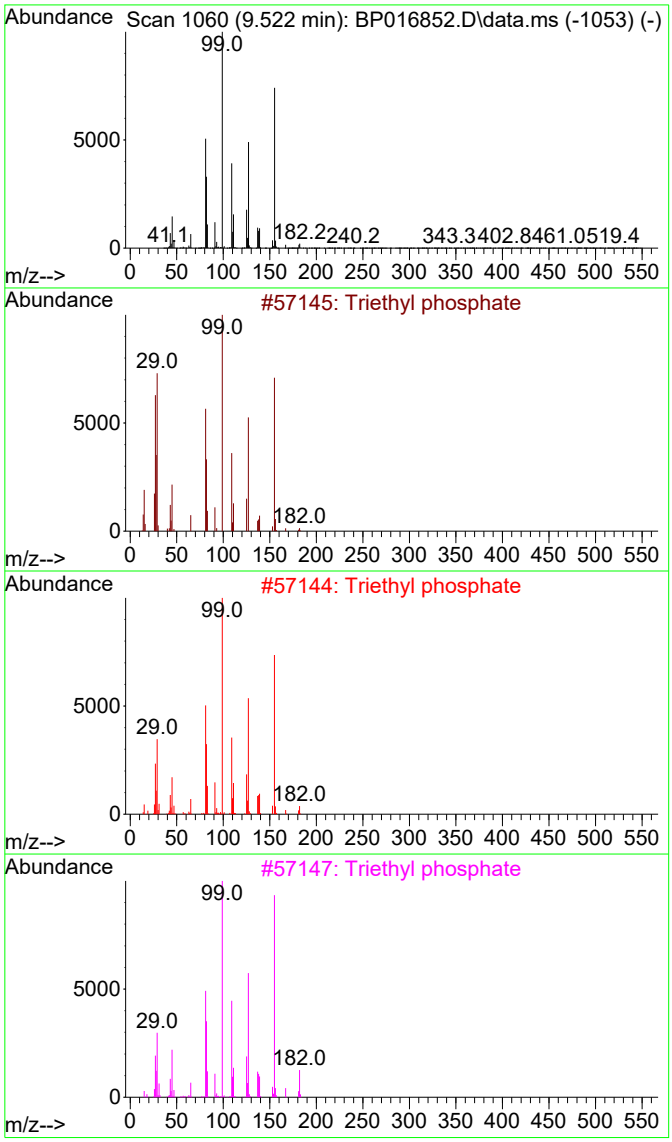
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

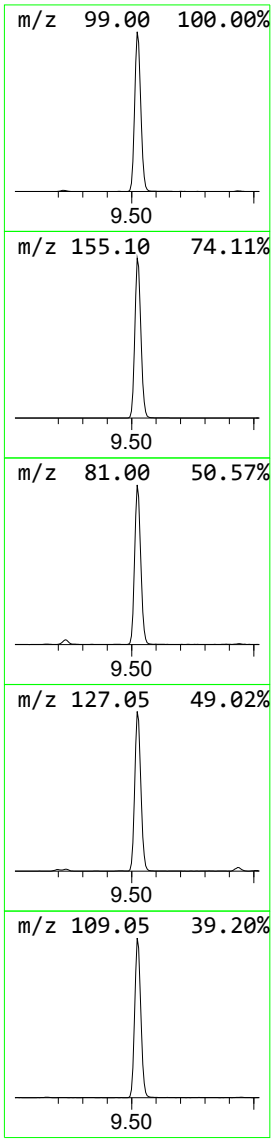
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Triethyl phosphate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.522 | 37.78 ng/ul | 8263820 | Naphthalene-d8 | 10.852 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triethyl phosphate | 182 | C6H15O4P | 000078-40-0 | 94 |
| 2 | Triethyl phosphate | 182 | C6H15O4P | 000078-40-0 | 93 |
| 3 | Triethyl phosphate | 182 | C6H15O4P | 000078-40-0 | 83 |
| 4 | Triethyl phosphate | 182 | C6H15O4P | 000078-40-0 | 74 |
| 5 | Butyl diethyl phosphate | 210 | C8H19O4P | 1000298-58-0 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

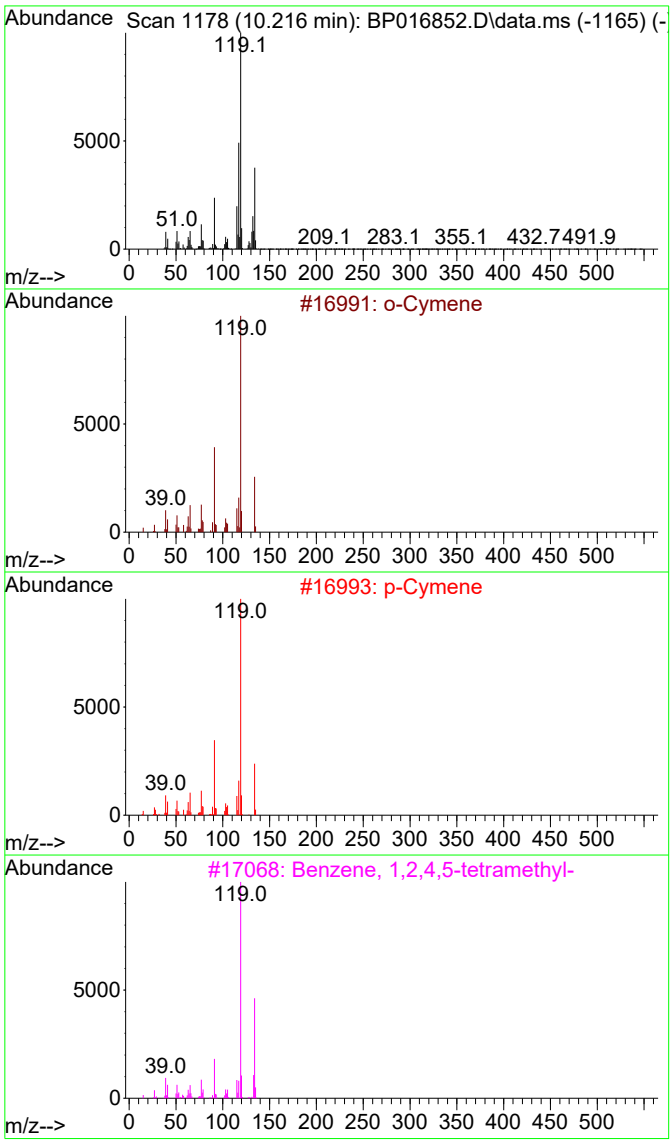
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

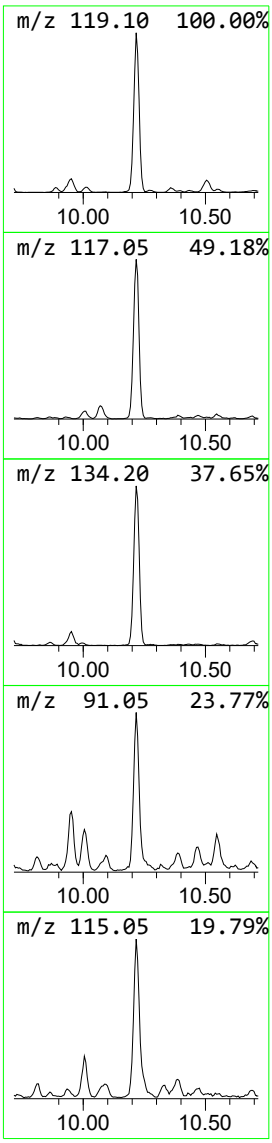
**********

Peak Number 7 p-Cymene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.216 | 5.33 ng/ul | 1166180 | Naphthalene-d8 | 10.852 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 64 |
| 2 | p-Cymene | 134 | C10H14 | 000099-87-6 | 64 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 64 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 64 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

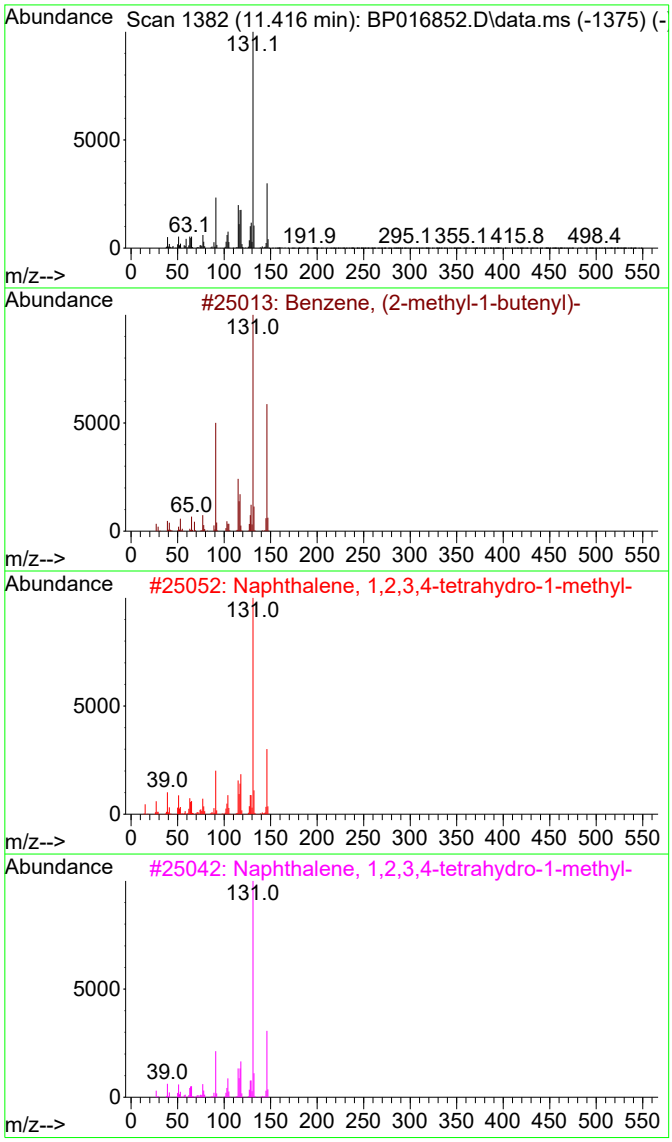
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

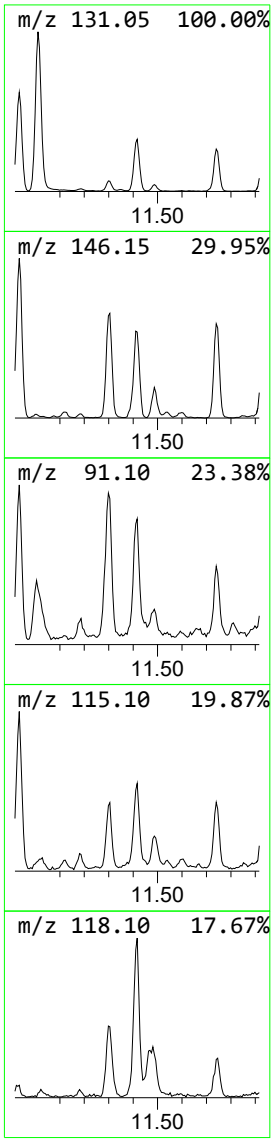
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.416 | 2.01 ng/ul | 440515 | Naphthalene-d8 | 10.852 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 96 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 95 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 95 |
| 4 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 93 |
| 5 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

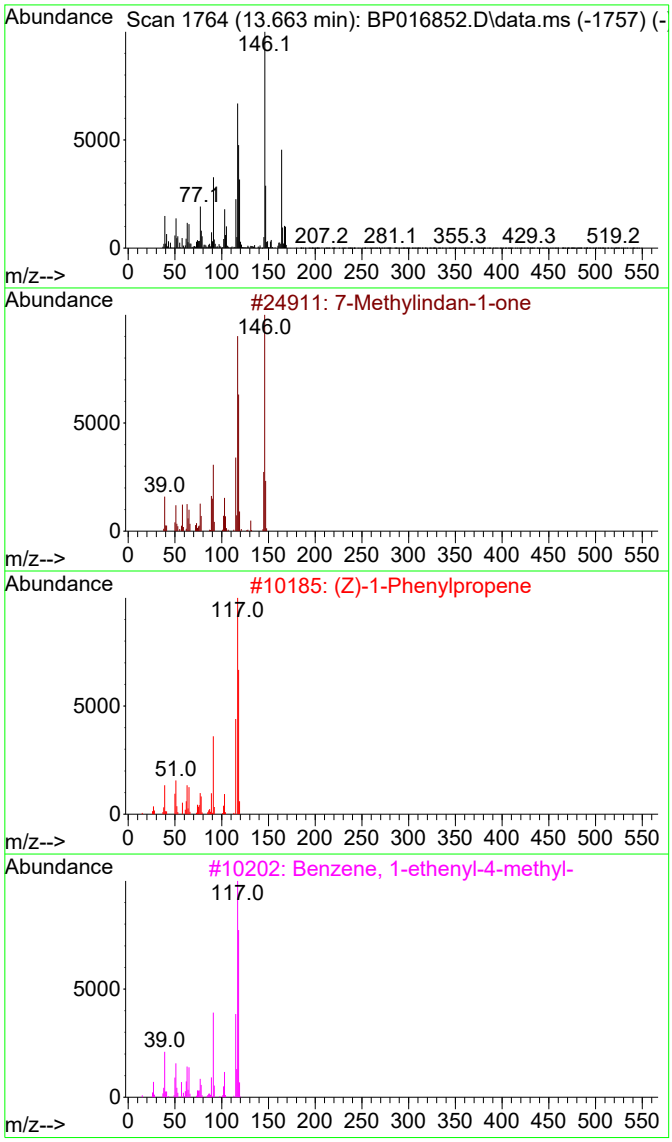
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

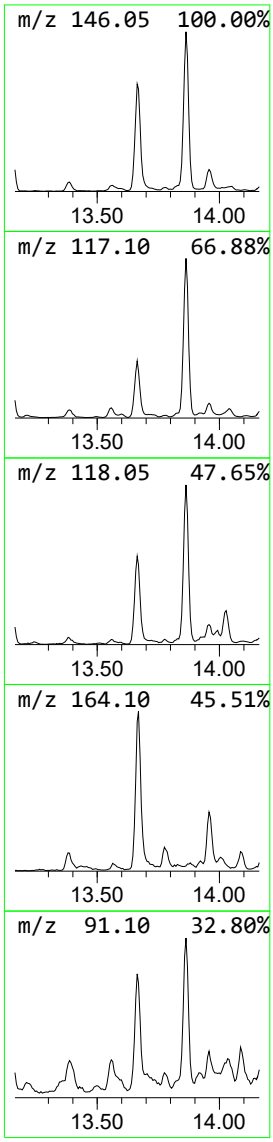
**********

Peak Number 9 7-Methylindan-1-one Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.663 | 4.84 ng/ul | 1347110 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Methylindan-1-one | 146 | C10H10O | 039627-61-7 | 70 |
| 2 | (Z)-1-Phenylpropene | 118 | C9H10 | 000766-90-5 | 60 |
| 3 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 47 |
| 4 | Benzoic acid, 2,4,6-trimethyl- | 164 | C10H12O2 | 000480-63-7 | 38 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

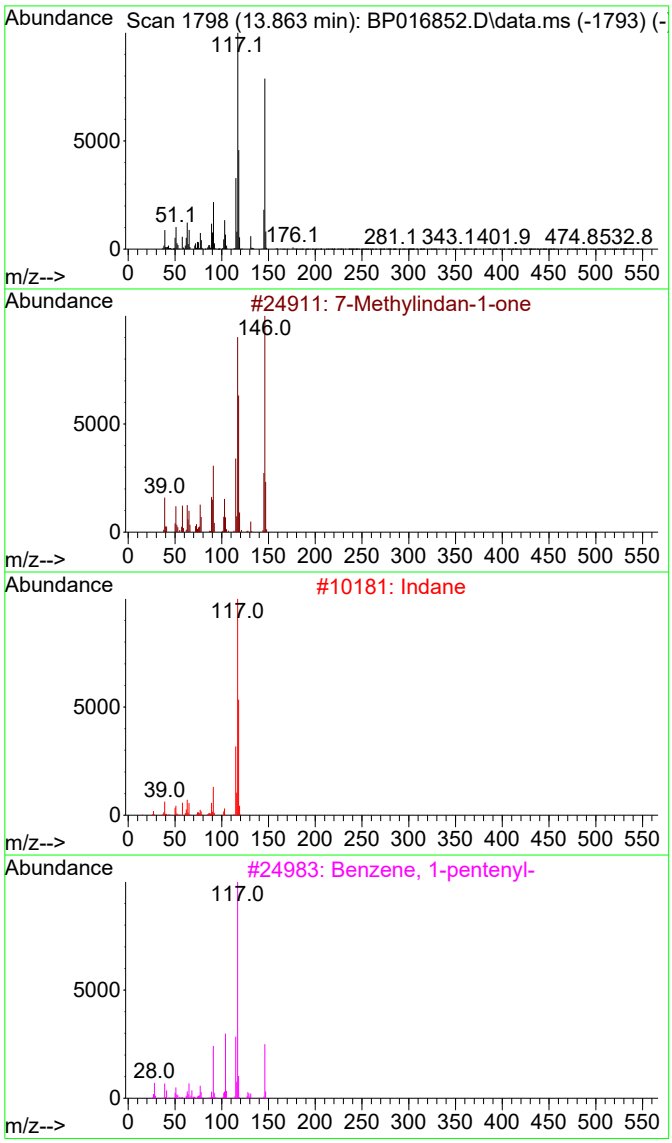
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

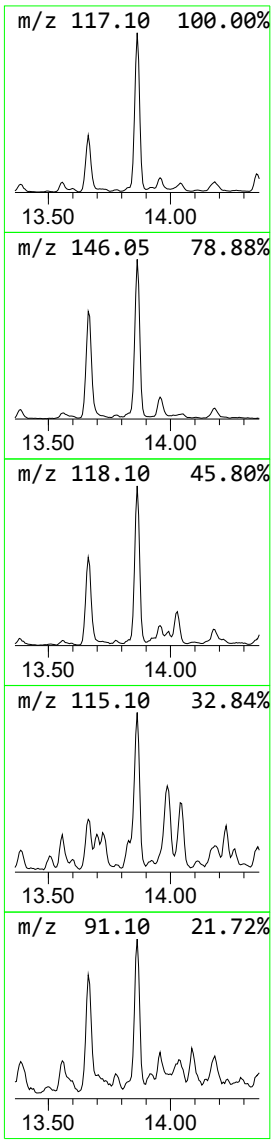
**********

Peak Number 10 Indane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.863 | 7.16 ng/ul | 1992290 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Methylindan-1-one | 146 | C10H10O | 039627-61-7 | 90 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 86 |
| 3 | Benzene, 1-pentenyl- | 146 | C11H14 | 000826-18-6 | 64 |
| 4 | Benzene, 1-pentenyl- | 146 | C11H14 | 000826-18-6 | 62 |
| 5 | (Z)-1-Phenylpropene | 118 | C9H10 | 000766-90-5 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

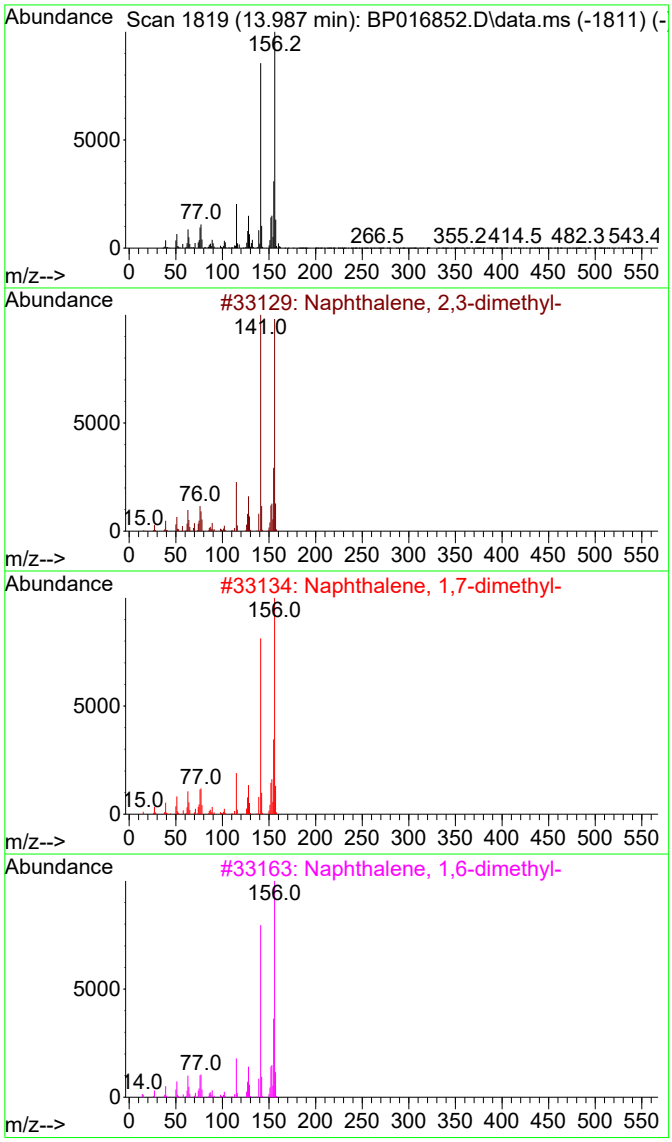
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

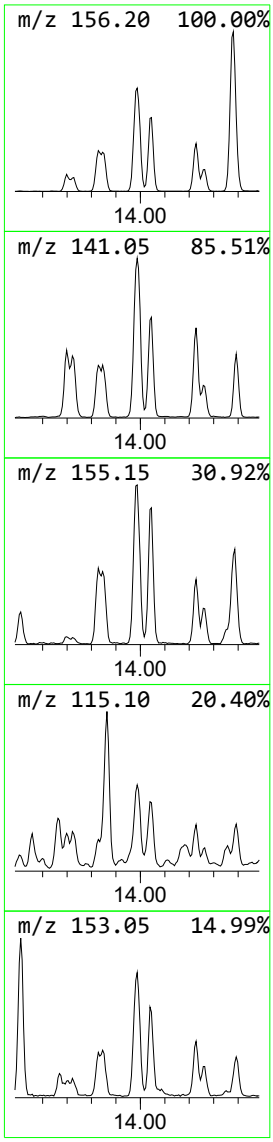
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.987 | 7.37 ng/ul | 2052150 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 98 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 98 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 5 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

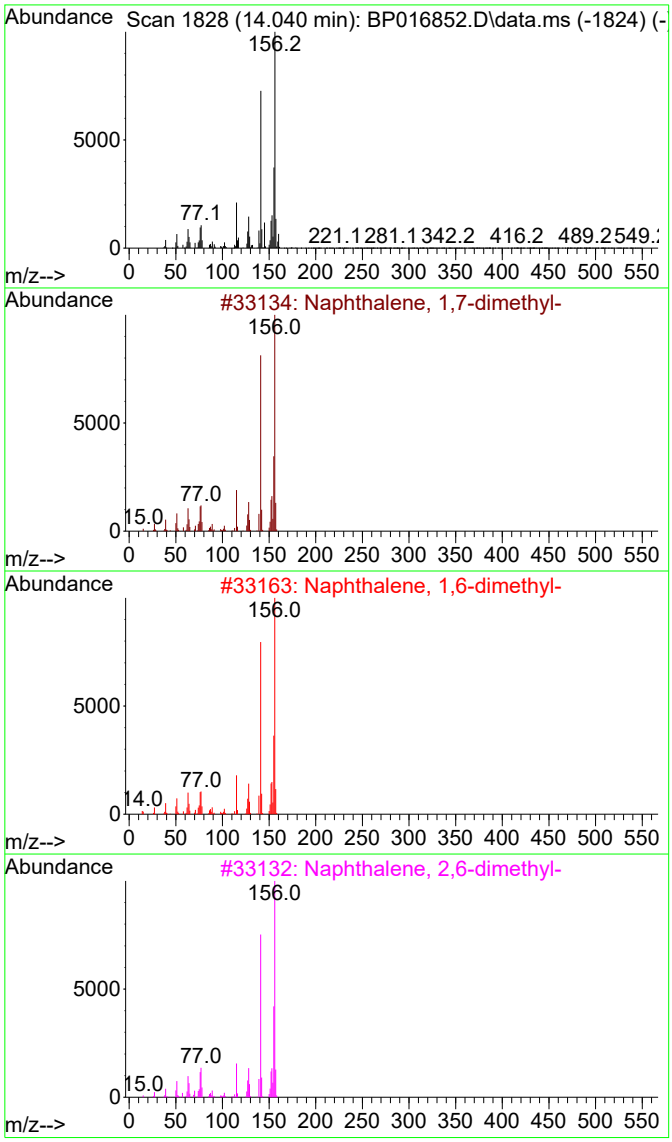
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

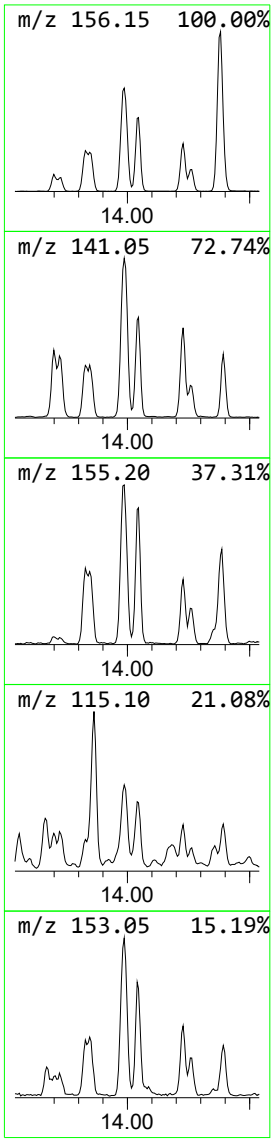
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.040 | 4.29 ng/ul | 1193680 | Acenaphthene-d10 | 14.675 |

| 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, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

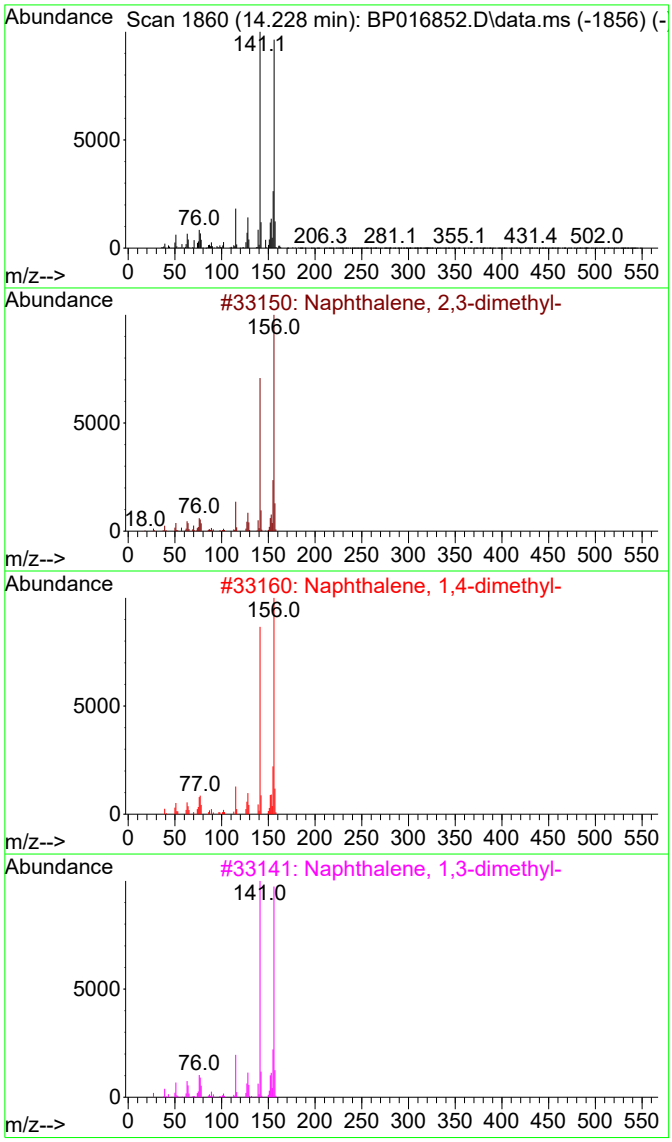
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

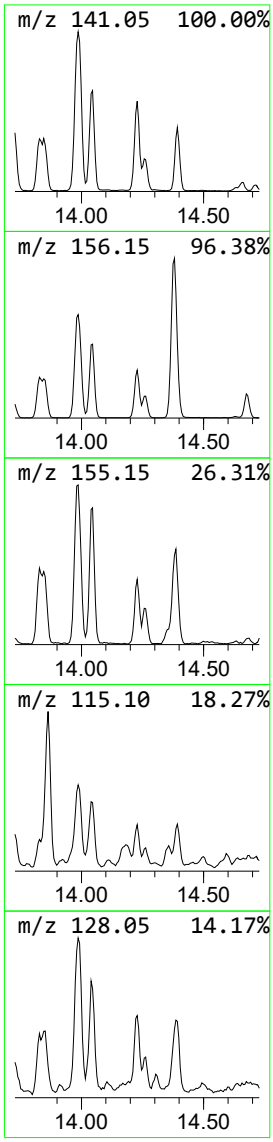
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.228 | 2.08 ng/ul | 577977 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

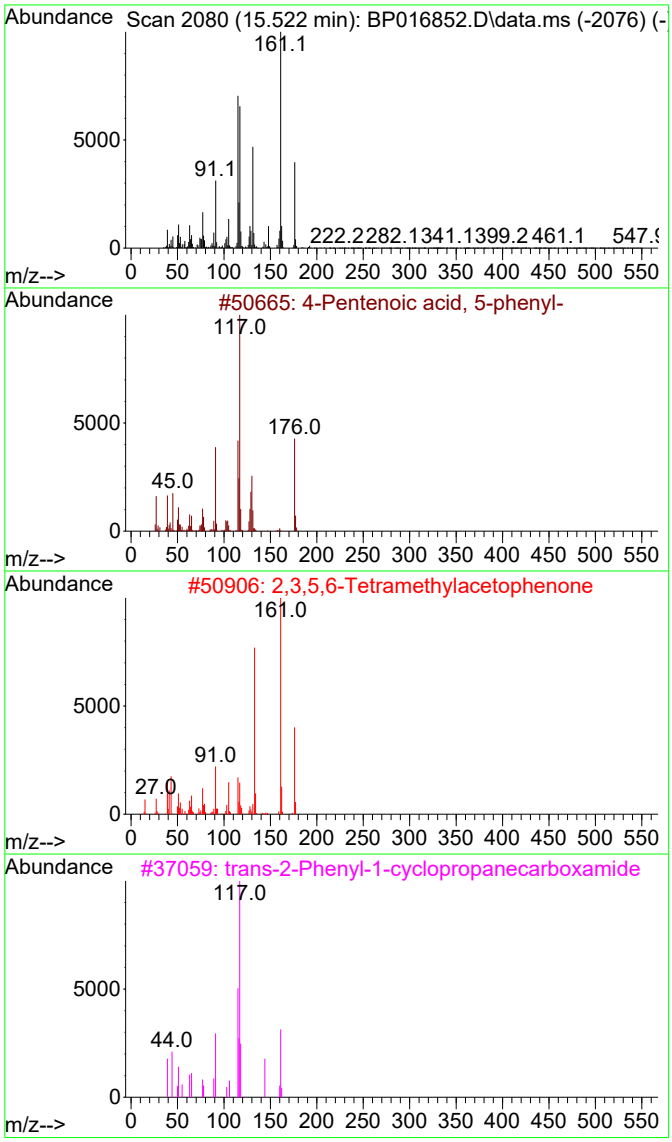
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

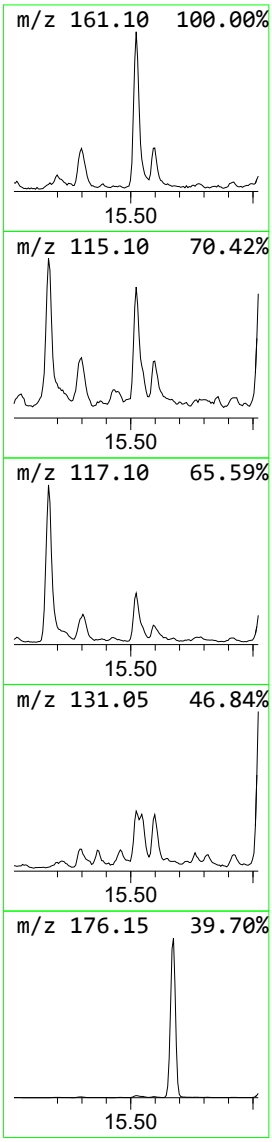
**********

Peak Number 14 unknown-01 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.522 | 2.88 ng/ul | 801436 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Pentenoic acid, 5-phenyl- | 176 | C11H12O2 | 028525-69-1 | 46 |
| 2 | 2,3,5,6-Tetramethylacetophenone | 176 | C12H16O | 002142-79-2 | 46 |
| 3 | trans-2-Phenyl-1-cyclopropanecar... | 161 | C10H11NO | 1010072-84-3 | 43 |
| 4 | Benzo[b]thiophene, 2-ethyl-5-met... | 176 | C11H12S | 016587-51-2 | 43 |
| 5 | 3-(3-Thienyl)pyridine | 161 | C9H7NS | 021308-81-6 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

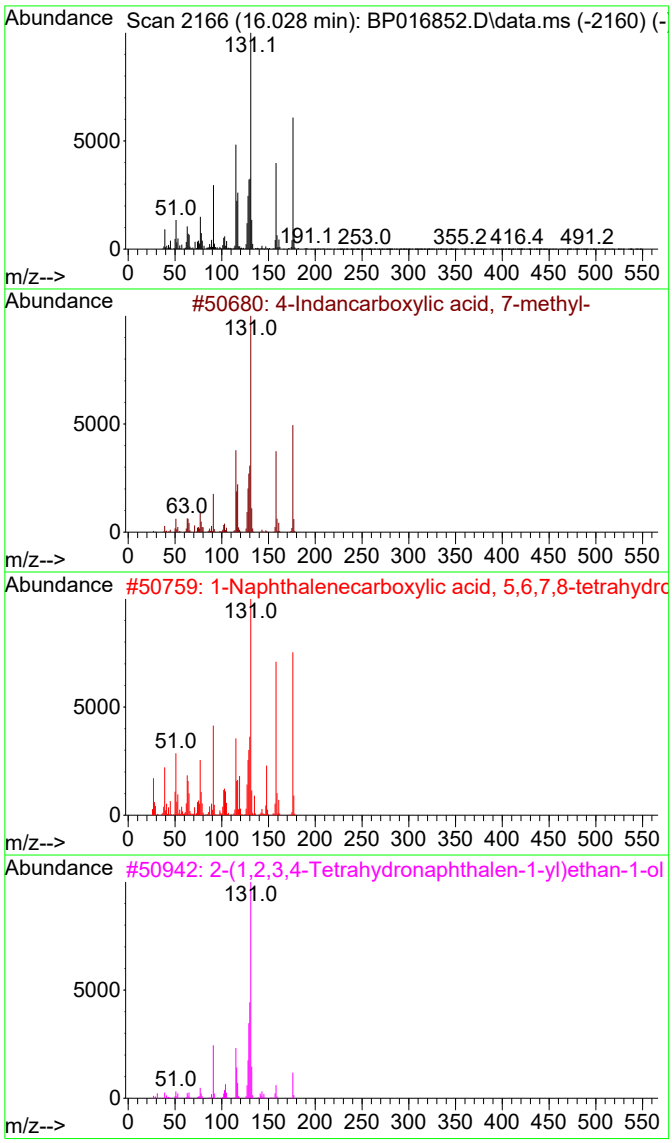
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

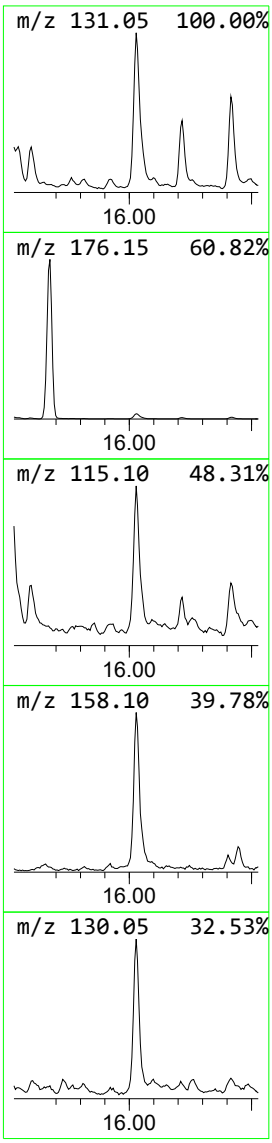
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 4-Indancarboxylic acid, 7-m... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.028 | 5.43 ng/ul | 1510530 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Indancarboxylic acid, 7-methyl- | 176 | C11H12O2 | 071042-74-5 | 98 |
| 2 | 1-Naphthalenecarboxylic acid, 5,... | 176 | C11H12O2 | 004242-18-6 | 97 |
| 3 | 2-(1,2,3,4-Tetrahydronaphthalen-... | 176 | C12H16O | 068480-12-6 | 72 |
| 4 | 2,3-Dihydro-1H-inden-5-ylacetic ... | 176 | C11H12O2 | 005453-98-5 | 70 |
| 5 | Cinnamic acid, .alpha.,.beta.-di... | 176 | C11H12O2 | 1000151-56-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

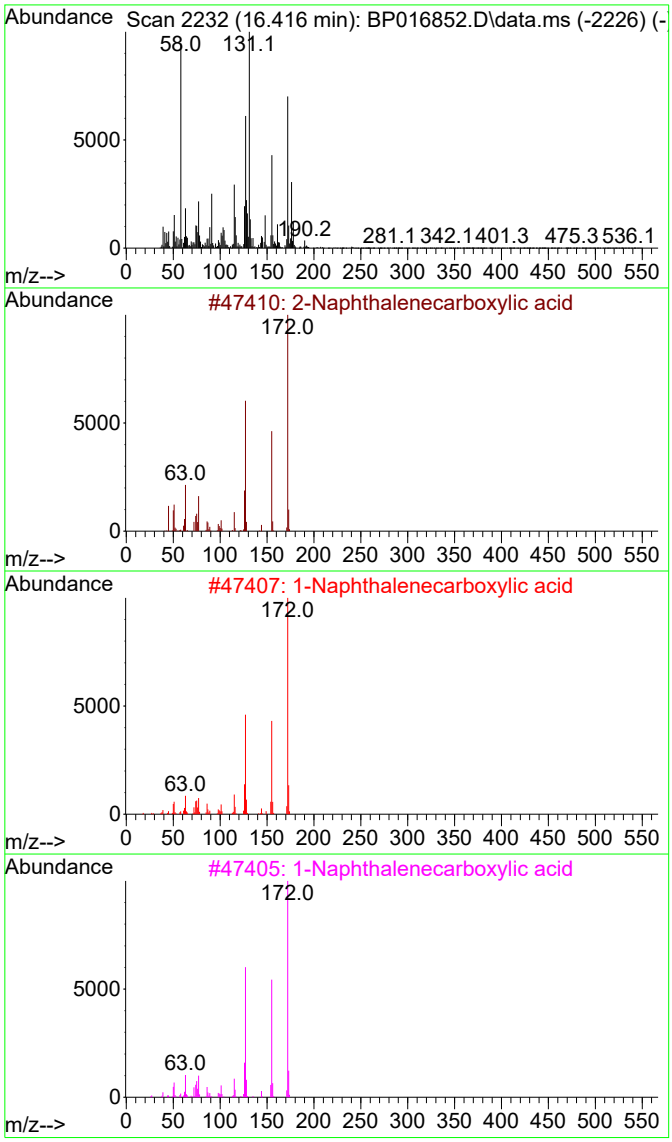
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

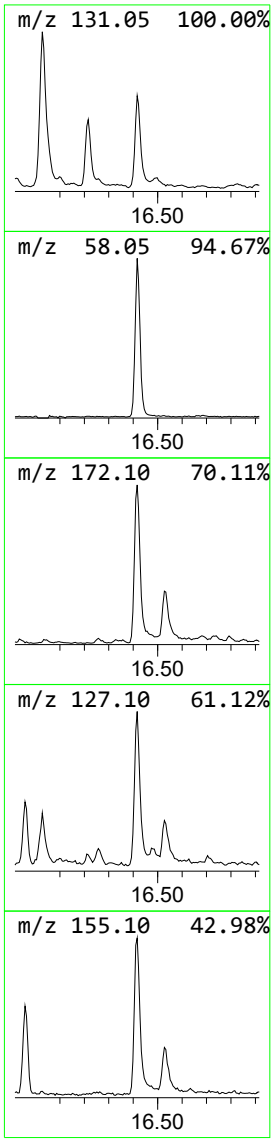
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 2-Naphthalenecarboxylic acid Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.416 | 4.50 ng/ul | 1567990 | Phenanthrene-d10 | 17.445 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000093-09-4 | 55 |
| 2 | 1-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000086-55-5 | 55 |
| 3 | 1-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000086-55-5 | 49 |
| 4 | 1-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000086-55-5 | 46 |
| 5 | 2-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000093-09-4 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

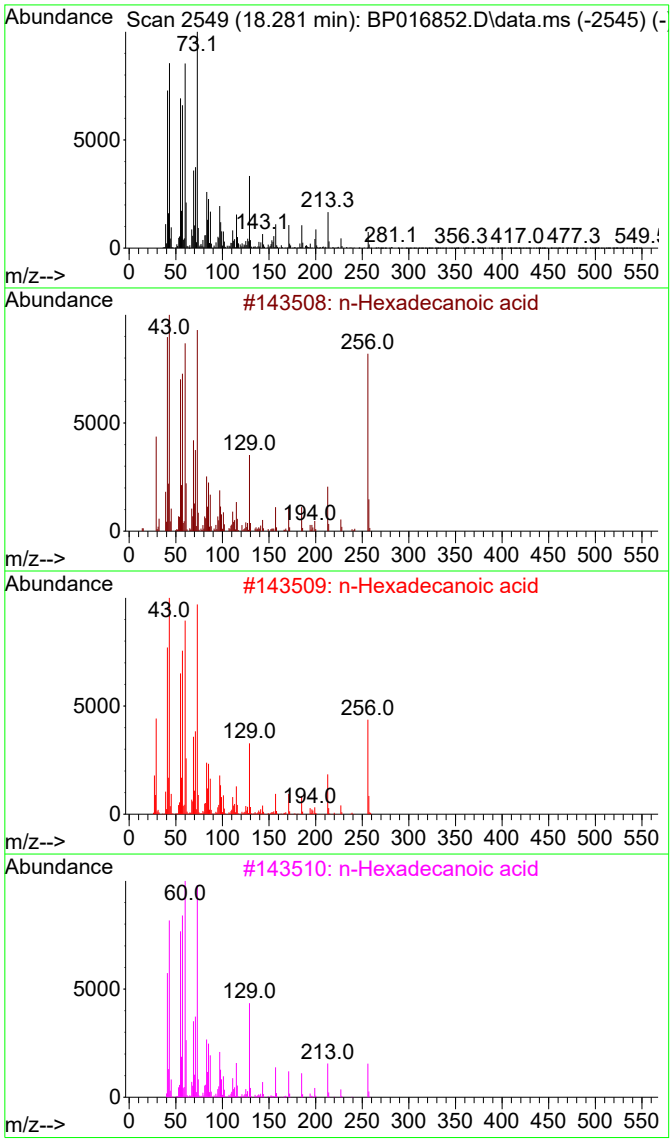
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

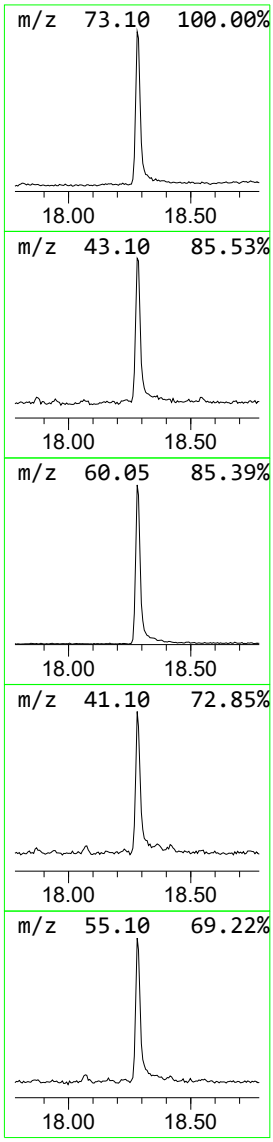
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 n-Hexadecanoic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.281 | 3.00 ng/ul | 1045890 | Phenanthrene-d10 | 17.445 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016852.D
Acq On : 30 Aug 2023 03:00
Operator : MA/JU
Sample : 04148-09
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJ94

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.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 |
| Tetrachloroethy... | 4.664 | 477.2 | ng/ul | 62038800 | 1 | 8.022 | 2600140 | 20.0 |
| Benzene, 1,3-di... | 5.987 | 14.0 | ng/ul | 1818550 | 1 | 8.022 | 2600140 | 20.0 |
| Benzene, (1-met... | 6.464 | 2.3 | ng/ul | 304534 | 1 | 8.022 | 2600140 | 20.0 |
| Mesitylene | 8.111 | 14.6 | ng/ul | 1894280 | 1 | 8.022 | 2600140 | 20.0 |
| o-Cymene | 9.105 | 2.4 | ng/ul | 317497 | 1 | 8.022 | 2600140 | 20.0 |
| Triethyl phosphate | 9.522 | 37.8 | ng/ul | 8263820 | 2 | 10.852 | 4374240 | 20.0 |
| p-Cymene | 10.216 | 5.3 | ng/ul | 1166180 | 2 | 10.852 | 4374240 | 20.0 |
| Benzene, (2-met... | 11.416 | 2.0 | ng/ul | 440515 | 2 | 10.852 | 4374240 | 20.0 |
| 7-Methylindan-1... | 13.663 | 4.8 | ng/ul | 1347110 | 3 | 14.675 | 5565160 | 20.0 |
| Indane | 13.863 | 7.2 | ng/ul | 1992290 | 3 | 14.675 | 5565160 | 20.0 |
| Naphthalene, 2,... | 13.987 | 7.4 | ng/ul | 2052150 | 3 | 14.675 | 5565160 | 20.0 |
| Naphthalene, 1,... | 14.040 | 4.3 | ng/ul | 1193680 | 3 | 14.675 | 5565160 | 20.0 |
| Naphthalene, 1,... | 14.228 | 2.1 | ng/ul | 577977 | 3 | 14.675 | 5565160 | 20.0 |
| unknown-01 | 15.522 | 2.9 | ng/ul | 801436 | 3 | 14.675 | 5565160 | 20.0 |
| 4-Indancarboxyl... | 16.028 | 5.4 | ng/ul | 1510530 | 3 | 14.675 | 5565160 | 20.0 |
| 2-Naphthaleneca... | 16.416 | 4.5 | ng/ul | 1567990 | 4 | 17.445 | 6962330 | 20.0 |
| n-Hexadecanoic ... | 18.281 | 3.0 | ng/ul | 1045890 | 4 | 17.445 | 6962330 | 20.0 |