LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014662.D
Acq On : 11 Apr 2023 18:35
Operator : CG/JU
Sample : 02251-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0MC9

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-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014662.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.364 | 27 | 30 | 34 | rBV4 | 10567 | 13978 | 0.41% | 0.046% |
| 2 | 3.817 | 105 | 107 | 124 | rBV | 52874 | 123988 | 3.66% | 0.407% |
| 3 | 4.017 | 137 | 141 | 147 | rVB7 | 6923 | 12547 | 0.37% | 0.041% |
| 4 | 4.111 | 154 | 157 | 162 | rVB | 10013 | 11155 | 0.33% | 0.037% |
| 5 | 4.499 | 219 | 223 | 225 | rVV4 | 3223 | 4304 | 0.13% | 0.014% |
| 6 | 4.528 | 227 | 228 | 235 | rVB7 | 2828 | 5655 | 0.17% | 0.019% |
| 7 | 5.258 | 349 | 352 | 360 | rVB5 | 9555 | 17884 | 0.53% | 0.059% |
| 8 | 5.493 | 388 | 392 | 397 | rBV | 7347 | 12030 | 0.36% | 0.039% |
| 9 | 6.011 | 476 | 480 | 489 | rVB2 | 13582 | 21708 | 0.64% | 0.071% |
| 10 | 7.069 | 656 | 660 | 662 | rBV5 | 2578 | 3634 | 0.11% | 0.012% |
| 11 | 7.152 | 668 | 674 | 689 | rBV2 | 68818 | 164673 | 4.86% | 0.540% |
| 12 | 7.305 | 694 | 700 | 713 | rBV | 375378 | 640257 | 18.91% | 2.100% |
| 13 | 7.505 | 726 | 734 | 755 | rBV | 354643 | 649424 | 19.18% | 2.130% |
| 14 | 7.975 | 807 | 814 | 821 | rBV | 426450 | 728009 | 21.50% | 2.388% |
| 15 | 8.034 | 821 | 824 | 835 | rVB | 44261 | 79629 | 2.35% | 0.261% |
| 16 | 8.269 | 859 | 864 | 868 | rBV6 | 4498 | 8889 | 0.26% | 0.029% |
| 17 | 8.434 | 889 | 892 | 895 | rBV5 | 2278 | 3607 | 0.11% | 0.012% |
| 18 | 8.558 | 907 | 913 | 915 | rBV7 | 2809 | 4354 | 0.13% | 0.014% |
| 19 | 8.616 | 918 | 923 | 930 | rBV3 | 15368 | 34728 | 1.03% | 0.114% |
| 20 | 8.699 | 931 | 937 | 954 | rVV | 243964 | 478637 | 14.14% | 1.570% |
| 21 | 8.828 | 954 | 959 | 965 | rVB7 | 6599 | 14381 | 0.42% | 0.047% |
| 22 | 9.081 | 997 | 1002 | 1008 | rBV | 152963 | 267709 | 7.91% | 0.878% |
| 23 | 9.152 | 1008 | 1014 | 1024 | rVV | 453658 | 788293 | 23.28% | 2.586% |
| 24 | 9.305 | 1036 | 1040 | 1047 | rVB8 | 8332 | 14081 | 0.42% | 0.046% |
| 25 | 9.516 | 1071 | 1076 | 1082 | rVB4 | 7573 | 13054 | 0.39% | 0.043% |
| 26 | 9.875 | 1129 | 1137 | 1153 | rBV | 357698 | 668585 | 19.75% | 2.193% |
| 27 | 10.040 | 1158 | 1165 | 1168 | rBV7 | 5498 | 12157 | 0.36% | 0.040% |
| 28 | 10.275 | 1201 | 1205 | 1207 | rBV5 | 3652 | 4254 | 0.13% | 0.014% |
| 29 | 10.310 | 1207 | 1211 | 1215 | rVV6 | 5673 | 8234 | 0.24% | 0.027% |
| 30 | 10.422 | 1221 | 1230 | 1248 | rBV | 400232 | 883434 | 26.10% | 2.898% |
| 31 | 10.710 | 1272 | 1279 | 1286 | rBV5 | 31517 | 63099 | 1.86% | 0.207% |
| 32 | 10.793 | 1286 | 1293 | 1300 | rVV | 611035 | 1025542 | 30.29% | 3.364% |
| 33 | 10.846 | 1300 | 1302 | 1308 | rVB4 | 17509 | 26395 | 0.78% | 0.087% |
| 34 | 10.946 | 1313 | 1319 | 1343 | rBV | 317997 | 752265 | 22.22% | 2.468% |
| 35 | 11.416 | 1394 | 1399 | 1402 | rBV6 | 2998 | 5776 | 0.17% | 0.019% |
| 36 | 11.487 | 1404 | 1411 | 1420 | rVB10 | 10005 | 27694 | 0.82% | 0.091% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014662.D
Acq On : 11 Apr 2023 18:35
Operator : CG/JU
Sample : 02251-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0MC9

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-BP032823.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.746 | 1451 | 1455 | 1460 | rVB8 | 2725 | 4945 | 0.15% | 0.016% |
| 38 | 11.810 | 1465 | 1466 | 1471 | rBV5 | 2646 | 3674 | 0.11% | 0.012% |
| 39 | 11.987 | 1489 | 1496 | 1499 | rBV5 | 9938 | 20015 | 0.59% | 0.066% |
| 40 | 12.016 | 1499 | 1501 | 1506 | rVB3 | 10101 | 13276 | 0.39% | 0.044% |
| 41 | 12.128 | 1514 | 1520 | 1527 | rBV6 | 17016 | 43347 | 1.28% | 0.142% |
| 42 | 12.399 | 1560 | 1566 | 1573 | rVB7 | 8574 | 16896 | 0.50% | 0.055% |
| 43 | 12.716 | 1615 | 1620 | 1623 | rVB7 | 2890 | 4690 | 0.14% | 0.015% |
| 44 | 12.863 | 1641 | 1645 | 1648 | rBV5 | 3500 | 4439 | 0.13% | 0.015% |
| 45 | 12.928 | 1651 | 1656 | 1659 | rVV7 | 3856 | 6034 | 0.18% | 0.020% |
| 46 | 12.975 | 1659 | 1664 | 1672 | rVB10 | 7085 | 13937 | 0.41% | 0.046% |
| 47 | 13.110 | 1681 | 1687 | 1688 | rBV5 | 5033 | 7439 | 0.22% | 0.024% |
| 48 | 13.228 | 1701 | 1707 | 1714 | rVB6 | 8576 | 17285 | 0.51% | 0.057% |
| 49 | 13.475 | 1744 | 1749 | 1752 | rBV3 | 12132 | 20104 | 0.59% | 0.066% |
| 50 | 13.504 | 1752 | 1754 | 1765 | rVB3 | 10851 | 19784 | 0.58% | 0.065% |
| 51 | 14.034 | 1834 | 1844 | 1857 | rBV | 1006591 | 1558718 | 46.04% | 5.113% |
| 52 | 14.140 | 1860 | 1862 | 1869 | rVB8 | 5103 | 8416 | 0.25% | 0.028% |
| 53 | 14.322 | 1886 | 1893 | 1902 | rBV | 1169083 | 1670699 | 49.35% | 5.480% |
| 54 | 14.398 | 1902 | 1906 | 1911 | rVB8 | 9140 | 17890 | 0.53% | 0.059% |
| 55 | 14.516 | 1920 | 1926 | 1933 | rBV2 | 33177 | 64602 | 1.91% | 0.212% |
| 56 | 14.628 | 1939 | 1945 | 1954 | rVB | 898501 | 1301914 | 38.46% | 4.271% |
| 57 | 14.934 | 1991 | 1997 | 2000 | rBV8 | 11219 | 23202 | 0.69% | 0.076% |
| 58 | 15.228 | 2044 | 2047 | 2049 | rVV4 | 3321 | 3822 | 0.11% | 0.013% |
| 59 | 15.304 | 2055 | 2060 | 2065 | rBV4 | 10866 | 22225 | 0.66% | 0.073% |
| 60 | 15.375 | 2068 | 2072 | 2078 | rVV2 | 16699 | 25674 | 0.76% | 0.084% |
| 61 | 15.445 | 2080 | 2084 | 2093 | rVB4 | 13824 | 26520 | 0.78% | 0.087% |
| 62 | 15.622 | 2108 | 2114 | 2128 | rBV | 1439235 | 2191188 | 64.72% | 7.188% |
| 63 | 15.763 | 2131 | 2138 | 2153 | rVV | 299052 | 571086 | 16.87% | 1.873% |
| 64 | 15.863 | 2153 | 2155 | 2162 | rVB7 | 10815 | 15844 | 0.47% | 0.052% |
| 65 | 15.998 | 2173 | 2178 | 2186 | rVB5 | 10072 | 18411 | 0.54% | 0.060% |
| 66 | 16.210 | 2208 | 2214 | 2217 | rBV7 | 4881 | 7869 | 0.23% | 0.026% |
| 67 | 16.316 | 2230 | 2232 | 2239 | rVB8 | 3353 | 4563 | 0.13% | 0.015% |
| 68 | 16.422 | 2245 | 2250 | 2253 | rBV7 | 3942 | 5940 | 0.18% | 0.019% |
| 69 | 16.816 | 2311 | 2317 | 2318 | rBV6 | 2865 | 4903 | 0.14% | 0.016% |
| 70 | 16.975 | 2340 | 2344 | 2349 | rBV8 | 6755 | 10965 | 0.32% | 0.036% |
| 71 | 17.187 | 2375 | 2380 | 2385 | rVB7 | 3997 | 7182 | 0.21% | 0.024% |
| 72 | 17.392 | 2408 | 2415 | 2425 | rBV | 1091279 | 1592934 | 47.05% | 5.225% |
| 73 | 17.492 | 2425 | 2432 | 2446 | rVV | 1659140 | 2512976 | 74.23% | 8.243% |
| 74 | 17.669 | 2458 | 2462 | 2466 | rVB | 16937 | 22163 | 0.65% | 0.073% |
| 75 | 17.863 | 2491 | 2495 | 2498 | rBV6 | 5156 | 8694 | 0.26% | 0.029% |
| 76 | 18.045 | 2520 | 2526 | 2536 | rBV | 411782 | 506313 | 14.96% | 1.661% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014662.D
Acq On : 11 Apr 2023 18:35
Operator : CG/JU
Sample : 02251-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0MC9

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-BP032823.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.204 | 2550 | 2553 | 2558 | rVB7 | 8539 | 13647 | 0.40% | 0.045% |
| 78 | 18.275 | 2561 | 2565 | 2569 | rBV6 | 9365 | 17756 | 0.52% | 0.058% |
| 79 | 18.334 | 2572 | 2575 | 2578 | rBV | 13761 | 15858 | 0.47% | 0.052% |
| 80 | 18.475 | 2595 | 2599 | 2602 | rBV4 | 16882 | 27081 | 0.80% | 0.089% |
| 81 | 18.510 | 2602 | 2605 | 2611 | rVB8 | 12940 | 19736 | 0.58% | 0.065% |
| 82 | 18.745 | 2643 | 2645 | 2648 | rBV3 | 4719 | 4743 | 0.14% | 0.016% |
| 83 | 19.304 | 2736 | 2740 | 2746 | rVB4 | 25297 | 35209 | 1.04% | 0.115% |
| 84 | 19.369 | 2749 | 2751 | 2755 | rVB2 | 16473 | 20460 | 0.60% | 0.067% |
| 85 | 19.722 | 2806 | 2811 | 2828 | rBV | 2419094 | 3184490 | 94.06% | 10.446% |
| 86 | 21.480 | 3106 | 3110 | 3121 | rBV | 1156963 | 1832400 | 54.13% | 6.011% |
| 87 | 23.821 | 3501 | 3508 | 3519 | rVB2 | 1695930 | 3385441 | 100.00% | 11.105% |
| 88 | 23.980 | 3529 | 3535 | 3548 | rVB2 | 857454 | 1933937 | 57.13% | 6.344% |

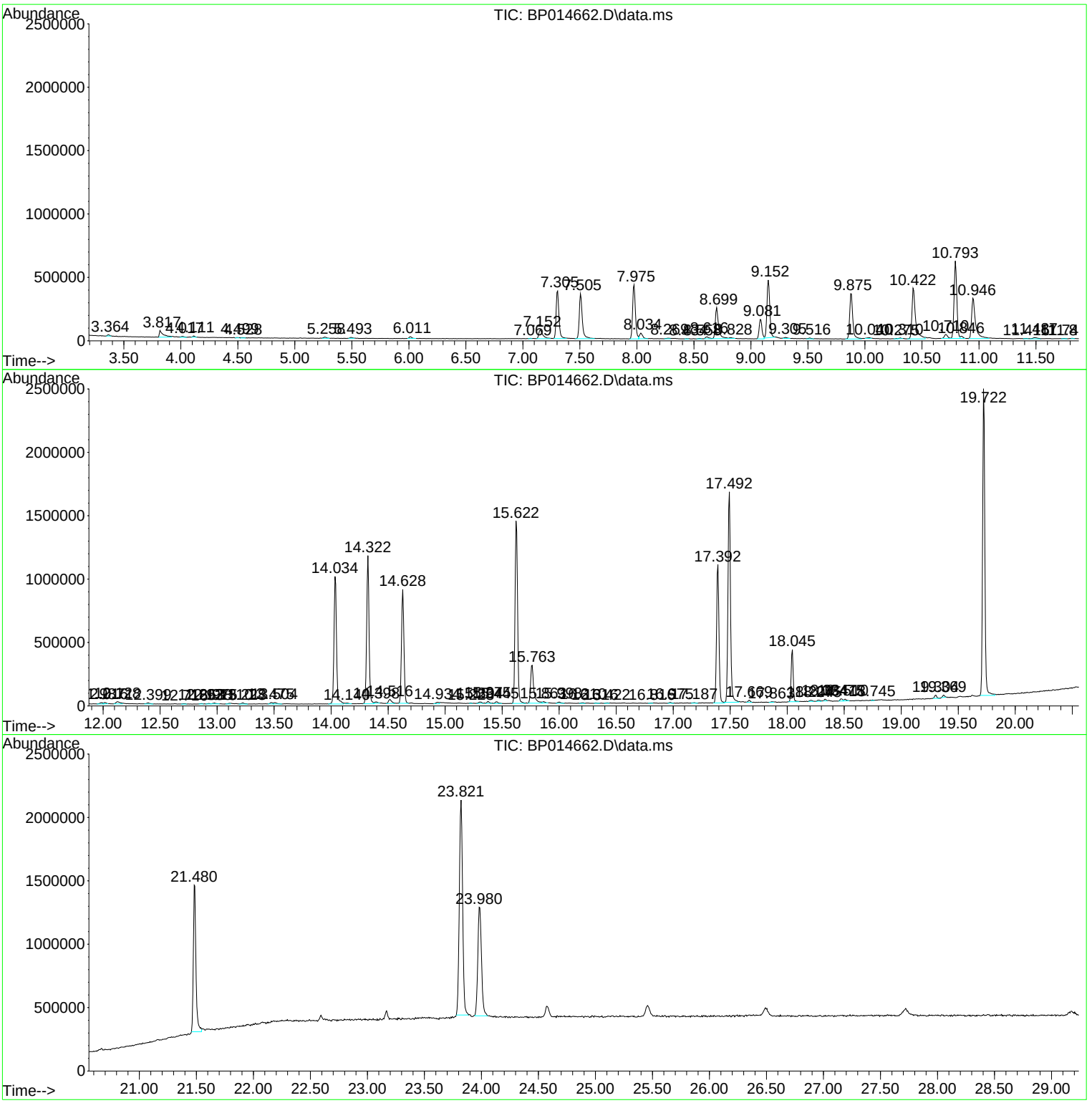
Sum of corrected areas: 30485379

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014662.D
Acq On : 11 Apr 2023 18:35
Operator : CG/JU
Sample : 02251-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0MC9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014662.D
Acq On : 11 Apr 2023 18:35
Operator : CG/JU
Sample : 02251-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0MC9

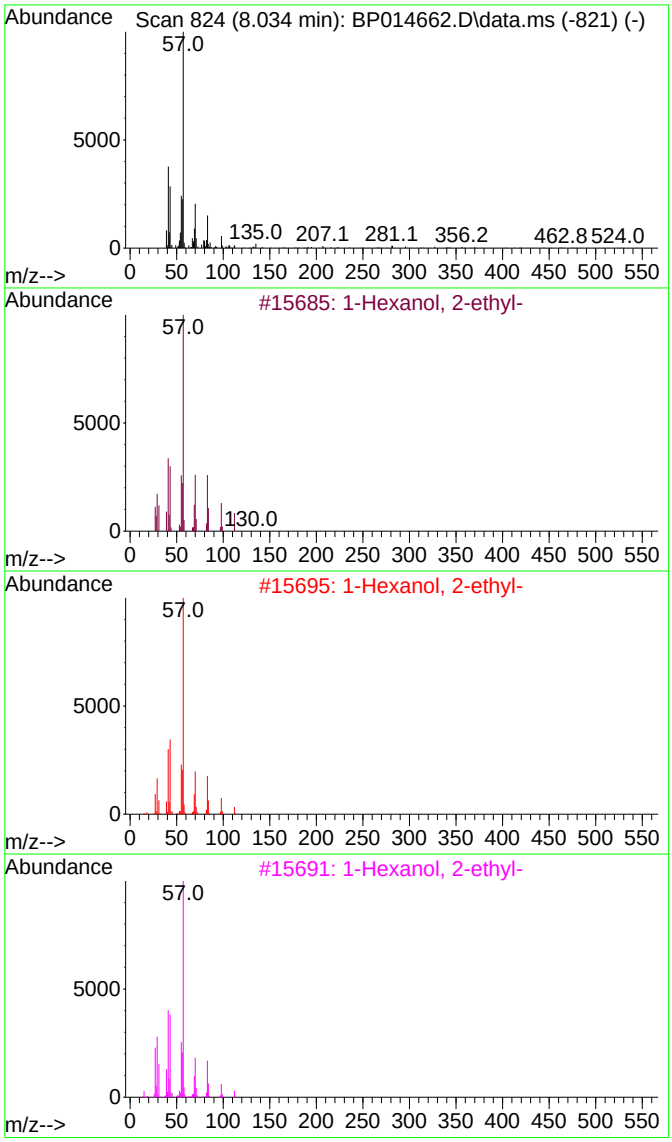
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

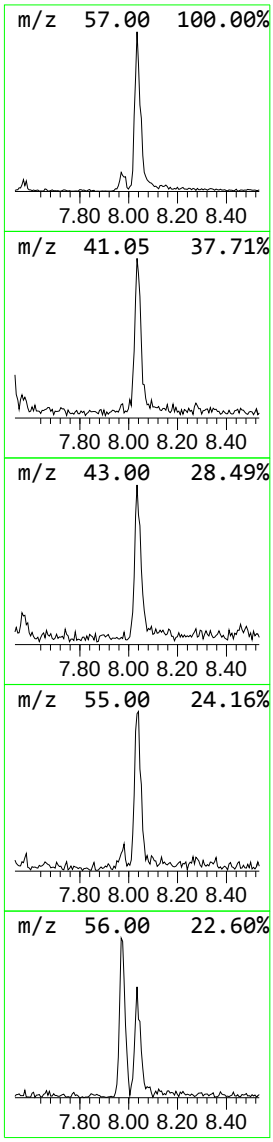
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.034 | 2.19 ng/ul | 79629 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 64 |
| 2 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 56 |
| 3 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 56 |
| 4 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 56 |
| 5 | 2-Propyl-1-pentanol | 130 | C8H18O | 058175-57-8 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014662.D
Acq On : 11 Apr 2023 18:35
Operator : CG/JU
Sample : 02251-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0MC9

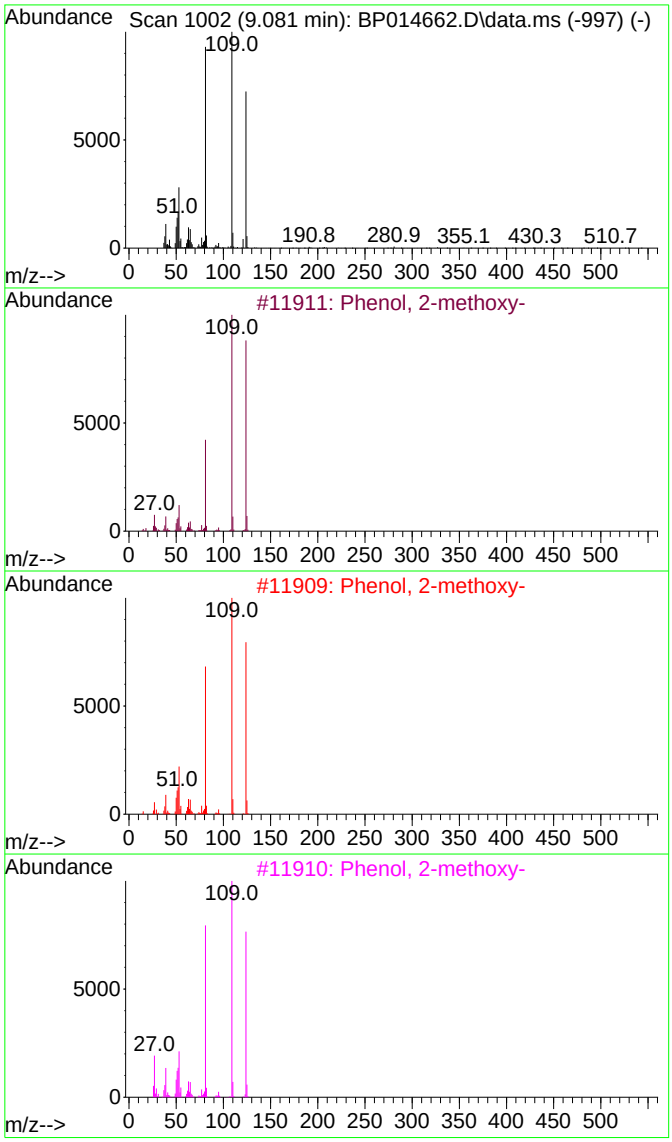
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

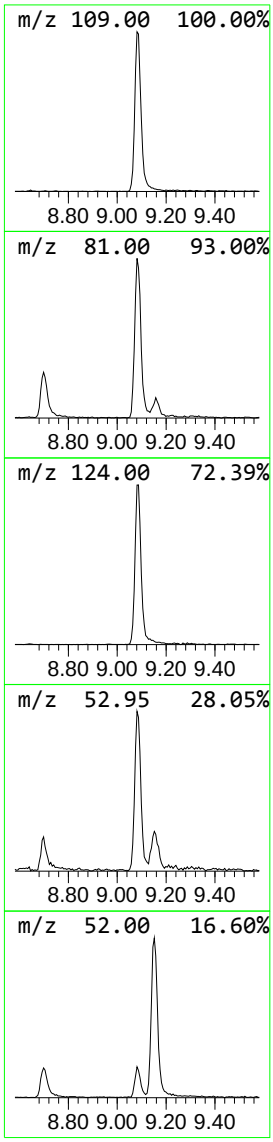
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Phenol, 2-methoxy- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.081 | 7.35 ng/ul | 267709 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 95 |
| 2 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 95 |
| 3 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 95 |
| 4 | Mequinol | 124 | C7H8O2 | 000150-76-5 | 91 |
| 5 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014662.D
Acq On : 11 Apr 2023 18:35
Operator : CG/JU
Sample : 02251-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0MC9

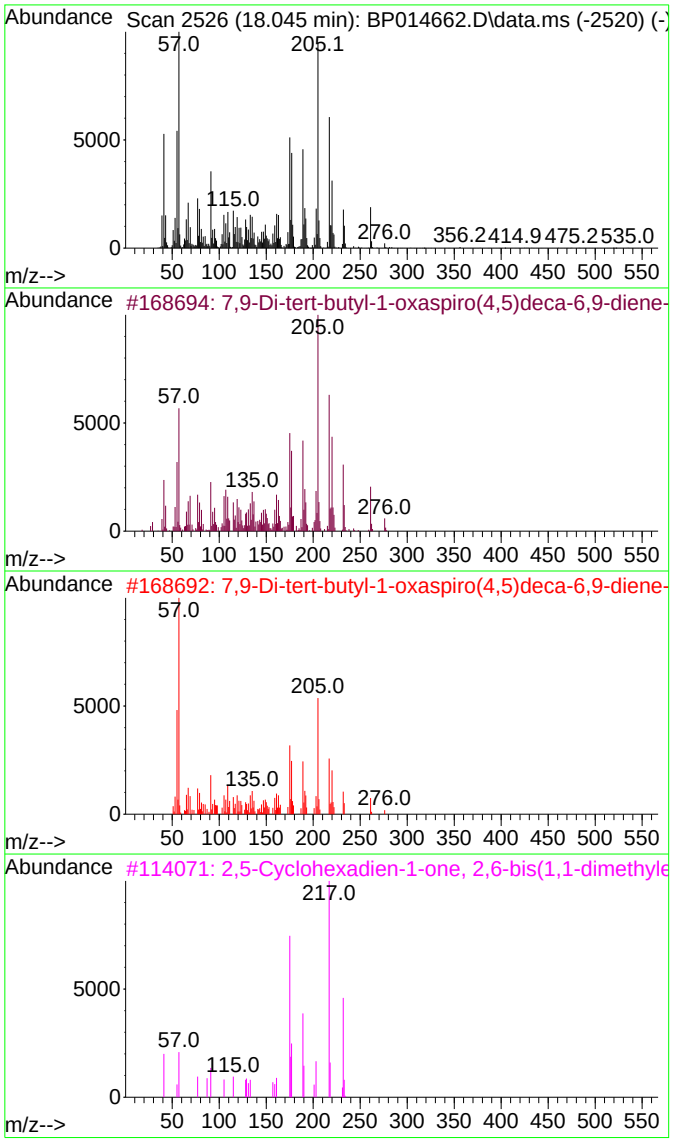
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

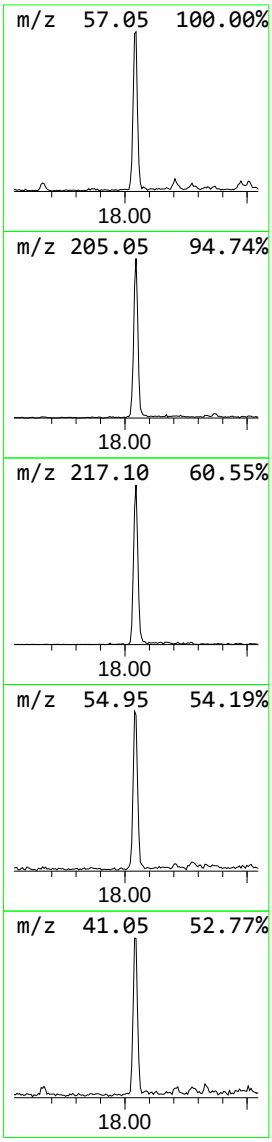
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.045 | 6.36 ng/ul | 506313 | Phenanthrene-d10 | 17.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 99 |
| 2 | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 95 |
| 3 | 2,5-Cyclohexadien-1-one, 2,6-bis... | 232 | C16H24O | 006738-27-8 | 86 |
| 4 | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 64 |
| 5 | 1-(3-Amino-4,6-dimethylthieno[2,... | 220 | C11H12N2OS | 052505-42-7 | 50 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014662.D
Acq On : 11 Apr 2023 18:35
Operator : CG/JU
Sample : 02251-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0MC9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.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 |
| 1-Hexanol, 2-et... | 8.034 | 2.2 | ng/ul | 79629 | 1 | 7.975 | 728009 | 20.0 |
| Phenol, 2-methoxy- | 9.081 | 7.3 | ng/ul | 267709 | 1 | 7.975 | 728009 | 20.0 |
| 7,9-Di-tert-but... | 18.045 | 6.4 | ng/ul | 506313 | 4 | 17.392 | 1592930 | 20.0 |