LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020745.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.269 | 45 | 48 | 54 | rVV | 38716 | 53128 | 1.07% | 0.062% |
| 2 | 3.546 | 91 | 95 | 105 | rBV | 53667 | 83757 | 1.69% | 0.097% |
| 3 | 3.693 | 115 | 120 | 131 | rBV2 | 47295 | 85336 | 1.72% | 0.099% |
| 4 | 3.787 | 131 | 136 | 142 | rVV | 106050 | 147464 | 2.98% | 0.171% |
| 5 | 3.999 | 168 | 172 | 180 | rVB | 53261 | 84017 | 1.70% | 0.097% |
| 6 | 4.546 | 261 | 265 | 270 | rVV | 67661 | 94410 | 1.90% | 0.109% |
| 7 | 4.893 | 319 | 324 | 333 | rVV | 150437 | 228734 | 4.62% | 0.265% |
| 8 | 4.993 | 337 | 341 | 350 | rVB2 | 21348 | 36973 | 0.75% | 0.043% |
| 9 | 6.922 | 661 | 669 | 685 | rVB | 913896 | 1568173 | 31.64% | 1.818% |
| 10 | 7.087 | 691 | 697 | 710 | rVB | 736184 | 1154557 | 23.30% | 1.339% |
| 11 | 7.281 | 723 | 730 | 738 | rBV | 961185 | 1558603 | 31.45% | 1.807% |
| 12 | 7.357 | 738 | 743 | 747 | rBV2 | 31834 | 52420 | 1.06% | 0.061% |
| 13 | 7.746 | 796 | 809 | 823 | rBV | 803199 | 1352601 | 27.29% | 1.568% |
| 14 | 8.446 | 921 | 928 | 942 | rBV | 1130859 | 1912868 | 38.60% | 2.218% |
| 15 | 8.557 | 942 | 947 | 955 | rVB | 68421 | 115101 | 2.32% | 0.133% |
| 16 | 8.893 | 997 | 1004 | 1010 | rVV | 978410 | 1536756 | 31.01% | 1.782% |
| 17 | 9.598 | 1117 | 1124 | 1136 | rBV | 765727 | 1320191 | 26.64% | 1.531% |
| 18 | 9.769 | 1148 | 1153 | 1160 | rBV6 | 14381 | 30011 | 0.61% | 0.035% |
| 19 | 10.140 | 1208 | 1216 | 1237 | rBV | 1177463 | 2111095 | 42.60% | 2.448% |
| 20 | 10.516 | 1267 | 1280 | 1285 | rBV | 1094519 | 1991525 | 40.18% | 2.309% |
| 21 | 10.563 | 1285 | 1288 | 1295 | rVV | 242659 | 381927 | 7.71% | 0.443% |
| 22 | 10.651 | 1297 | 1303 | 1321 | rVB | 152078 | 315327 | 6.36% | 0.366% |
| 23 | 11.040 | 1363 | 1369 | 1376 | rBV7 | 18747 | 40197 | 0.81% | 0.047% |
| 24 | 11.251 | 1398 | 1405 | 1411 | rBV | 77329 | 162392 | 3.28% | 0.188% |
| 25 | 12.092 | 1540 | 1548 | 1554 | rVV | 23502 | 43093 | 0.87% | 0.050% |
| 26 | 12.163 | 1554 | 1560 | 1567 | rVB | 109809 | 169325 | 3.42% | 0.196% |
| 27 | 12.392 | 1593 | 1599 | 1606 | rVB | 68019 | 112081 | 2.26% | 0.130% |
| 28 | 13.181 | 1727 | 1733 | 1742 | rVB2 | 42746 | 81215 | 1.64% | 0.094% |
| 29 | 13.539 | 1780 | 1794 | 1799 | rBV5 | 38144 | 110418 | 2.23% | 0.128% |
| 30 | 13.675 | 1811 | 1817 | 1823 | rBV | 55047 | 97237 | 1.96% | 0.113% |
| 31 | 13.781 | 1823 | 1835 | 1843 | rBV | 1916078 | 3104864 | 62.65% | 3.600% |
| 32 | 13.916 | 1854 | 1858 | 1862 | rBV | 31535 | 39977 | 0.81% | 0.046% |
| 33 | 14.057 | 1875 | 1882 | 1898 | rVB | 2457629 | 3874246 | 78.17% | 4.493% |
| 34 | 14.363 | 1925 | 1934 | 1940 | rBV | 1889643 | 2659014 | 53.65% | 3.083% |
| 35 | 14.428 | 1940 | 1945 | 1953 | rVB | 197492 | 328448 | 6.63% | 0.381% |
| 36 | 14.598 | 1965 | 1974 | 1984 | rBV | 811404 | 1453943 | 29.34% | 1.686% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

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-BP062524.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.675 | 1984 | 1987 | 1993 | rVV5 | 39102 | 85302 | 1.72% | 0.099% |
| 38 | 14.769 | 1994 | 2003 | 2013 | rVV | 204809 | 461326 | 9.31% | 0.535% |
| 39 | 14.845 | 2013 | 2016 | 2021 | rVV | 27918 | 43373 | 0.88% | 0.050% |
| 40 | 14.998 | 2034 | 2042 | 2047 | rBV5 | 30166 | 73461 | 1.48% | 0.085% |
| 41 | 15.051 | 2047 | 2051 | 2055 | rVB | 30812 | 41044 | 0.83% | 0.048% |
| 42 | 15.169 | 2064 | 2071 | 2075 | rBV4 | 40084 | 79067 | 1.60% | 0.092% |
| 43 | 15.233 | 2079 | 2082 | 2090 | rVB2 | 23072 | 35903 | 0.72% | 0.042% |
| 44 | 15.381 | 2100 | 2107 | 2113 | rBV | 3179220 | 4552271 | 91.85% | 5.279% |
| 45 | 15.433 | 2113 | 2116 | 2123 | rVV2 | 228289 | 322644 | 6.51% | 0.374% |
| 46 | 15.510 | 2123 | 2129 | 2135 | rVV | 863252 | 1161469 | 23.43% | 1.347% |
| 47 | 15.557 | 2135 | 2137 | 2141 | rVV | 34184 | 41491 | 0.84% | 0.048% |
| 48 | 15.598 | 2141 | 2144 | 2149 | rVV3 | 28573 | 45856 | 0.93% | 0.053% |
| 49 | 15.651 | 2149 | 2153 | 2157 | rVB5 | 20338 | 29400 | 0.59% | 0.034% |
| 50 | 15.739 | 2163 | 2168 | 2175 | rVB | 92339 | 150309 | 3.03% | 0.174% |
| 51 | 15.886 | 2188 | 2193 | 2201 | rVB2 | 93321 | 203923 | 4.11% | 0.236% |
| 52 | 15.963 | 2201 | 2206 | 2207 | rBV3 | 25867 | 32654 | 0.66% | 0.038% |
| 53 | 16.128 | 2229 | 2234 | 2241 | rVB4 | 81735 | 159088 | 3.21% | 0.184% |
| 54 | 16.445 | 2282 | 2288 | 2289 | rBV4 | 46988 | 69914 | 1.41% | 0.081% |
| 55 | 16.516 | 2296 | 2300 | 2306 | rVB3 | 34661 | 52162 | 1.05% | 0.060% |
| 56 | 16.569 | 2306 | 2309 | 2312 | rBV4 | 35294 | 43874 | 0.89% | 0.051% |
| 57 | 16.616 | 2315 | 2317 | 2323 | rVB4 | 29669 | 39945 | 0.81% | 0.046% |
| 58 | 16.698 | 2324 | 2331 | 2335 | rBV3 | 51006 | 110456 | 2.23% | 0.128% |
| 59 | 16.745 | 2336 | 2339 | 2343 | rVB3 | 35325 | 45589 | 0.92% | 0.053% |
| 60 | 16.833 | 2348 | 2354 | 2360 | rBV | 137688 | 224913 | 4.54% | 0.261% |
| 61 | 16.904 | 2361 | 2366 | 2368 | rBV3 | 66116 | 106653 | 2.15% | 0.124% |
| 62 | 16.992 | 2376 | 2381 | 2389 | rVB | 221646 | 339668 | 6.85% | 0.394% |
| 63 | 17.110 | 2395 | 2401 | 2404 | rBV3 | 55684 | 91068 | 1.84% | 0.106% |
| 64 | 17.186 | 2407 | 2414 | 2418 | rVV | 1736156 | 3089592 | 62.34% | 3.583% |
| 65 | 17.227 | 2418 | 2421 | 2426 | rVV | 2921149 | 3902234 | 78.73% | 4.525% |
| 66 | 17.280 | 2426 | 2430 | 2434 | rVV2 | 3343266 | 4697226 | 94.78% | 5.447% |
| 67 | 17.316 | 2434 | 2436 | 2442 | rVB | 438742 | 541966 | 10.94% | 0.628% |
| 68 | 17.375 | 2442 | 2446 | 2452 | rBV4 | 49103 | 102641 | 2.07% | 0.119% |
| 69 | 17.604 | 2476 | 2485 | 2492 | rBV2 | 202714 | 531111 | 10.72% | 0.616% |
| 70 | 17.704 | 2499 | 2502 | 2504 | rBV | 36391 | 46366 | 0.94% | 0.054% |
| 71 | 17.786 | 2513 | 2516 | 2517 | rBV2 | 73597 | 67171 | 1.36% | 0.078% |
| 72 | 17.822 | 2520 | 2522 | 2528 | rVB | 125904 | 156016 | 3.15% | 0.181% |
| 73 | 17.922 | 2536 | 2539 | 2544 | rVB2 | 49422 | 78010 | 1.57% | 0.090% |
| 74 | 18.092 | 2563 | 2568 | 2569 | rBV | 328885 | 375127 | 7.57% | 0.435% |
| 75 | 18.122 | 2569 | 2573 | 2582 | rVB2 | 825274 | 2031425 | 40.99% | 2.356% |
| 76 | 18.222 | 2587 | 2590 | 2595 | rVV | 151108 | 231865 | 4.68% | 0.269% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** A4CQ9

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-BP062524.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.286 | 2596 | 2601 | 2605 | rVV2 | 505790 | 958023 | 19.33% | 1.111% |
| 78 | 18.322 | 2605 | 2607 | 2615 | rVB | 247732 | 397564 | 8.02% | 0.461% |
| 79 | 18.610 | 2653 | 2656 | 2659 | rBV | 241549 | 260419 | 5.25% | 0.302% |
| 80 | 18.651 | 2660 | 2663 | 2668 | rVB | 278245 | 377871 | 7.62% | 0.438% |
| 81 | 18.704 | 2669 | 2672 | 2675 | rBV3 | 97578 | 133928 | 2.70% | 0.155% |
| 82 | 18.863 | 2696 | 2699 | 2704 | rVB2 | 140081 | 175668 | 3.54% | 0.204% |
| 83 | 19.045 | 2725 | 2730 | 2734 | rBV | 245899 | 420482 | 8.48% | 0.488% |
| 84 | 19.092 | 2734 | 2738 | 2743 | rVV4 | 139876 | 293245 | 5.92% | 0.340% |
| 85 | 19.186 | 2750 | 2754 | 2762 | rVB2 | 221236 | 457769 | 9.24% | 0.531% |
| 86 | 19.316 | 2771 | 2776 | 2782 | rVB | 3265671 | 4601875 | 92.85% | 5.336% |
| 87 | 19.374 | 2783 | 2786 | 2791 | rVV2 | 262402 | 341215 | 6.88% | 0.396% |
| 88 | 19.445 | 2795 | 2798 | 2806 | rVB2 | 460525 | 741834 | 14.97% | 0.860% |
| 89 | 19.663 | 2830 | 2835 | 2838 | rBV2 | 3153755 | 4956164 | 100.00% | 5.747% |
| 90 | 19.698 | 2838 | 2841 | 2849 | rVB | 2302654 | 3132947 | 63.21% | 3.633% |
| 91 | 19.874 | 2868 | 2871 | 2877 | rVB | 183956 | 255913 | 5.16% | 0.297% |
| 92 | 20.127 | 2911 | 2914 | 2918 | rBV | 350666 | 473008 | 9.54% | 0.549% |
| 93 | 21.304 | 3110 | 3114 | 3120 | rVB | 965100 | 1441650 | 29.09% | 1.672% |
| 94 | 21.627 | 3162 | 3169 | 3174 | rBV2 | 1665288 | 4281912 | 86.40% | 4.965% |
| 95 | 21.680 | 3175 | 3178 | 3191 | rVB | 1225738 | 2017103 | 40.70% | 2.339% |
| 96 | 23.921 | 3554 | 3559 | 3567 | rBV | 621834 | 1702305 | 34.35% | 1.974% |
| 97 | 24.115 | 3589 | 3592 | 3600 | rVB2 | 391174 | 802195 | 16.19% | 0.930% |
| 98 | 24.198 | 3601 | 3606 | 3614 | rVB2 | 414556 | 924326 | 18.65% | 1.072% |
| 99 | 24.757 | 3695 | 3701 | 3707 | rVB2 | 880122 | 1997929 | 40.31% | 2.317% |
| 100 | 24.986 | 3734 | 3740 | 3749 | rVB | 772209 | 2105024 | 42.47% | 2.441% |

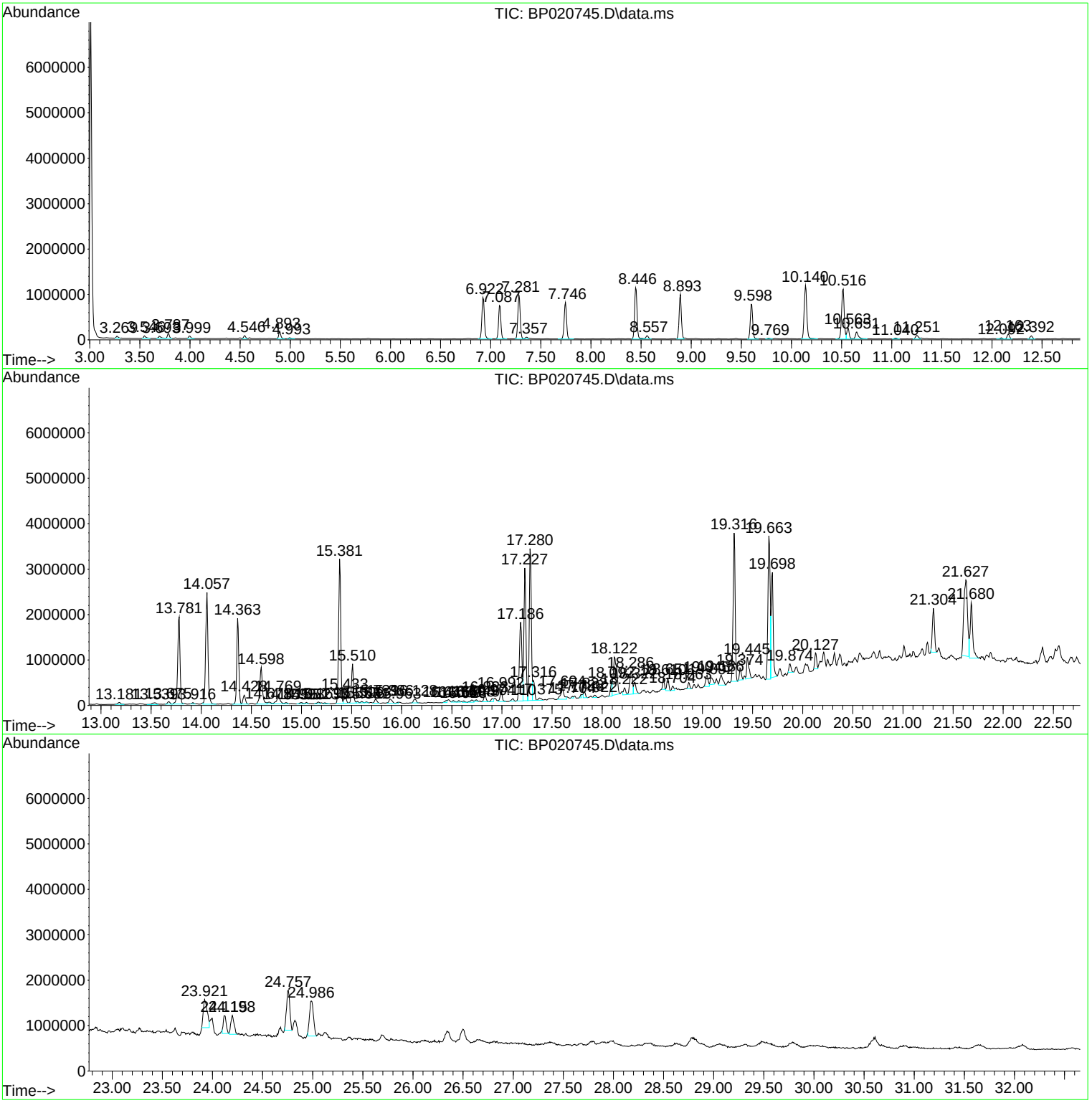
Sum of corrected areas: 86235366

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

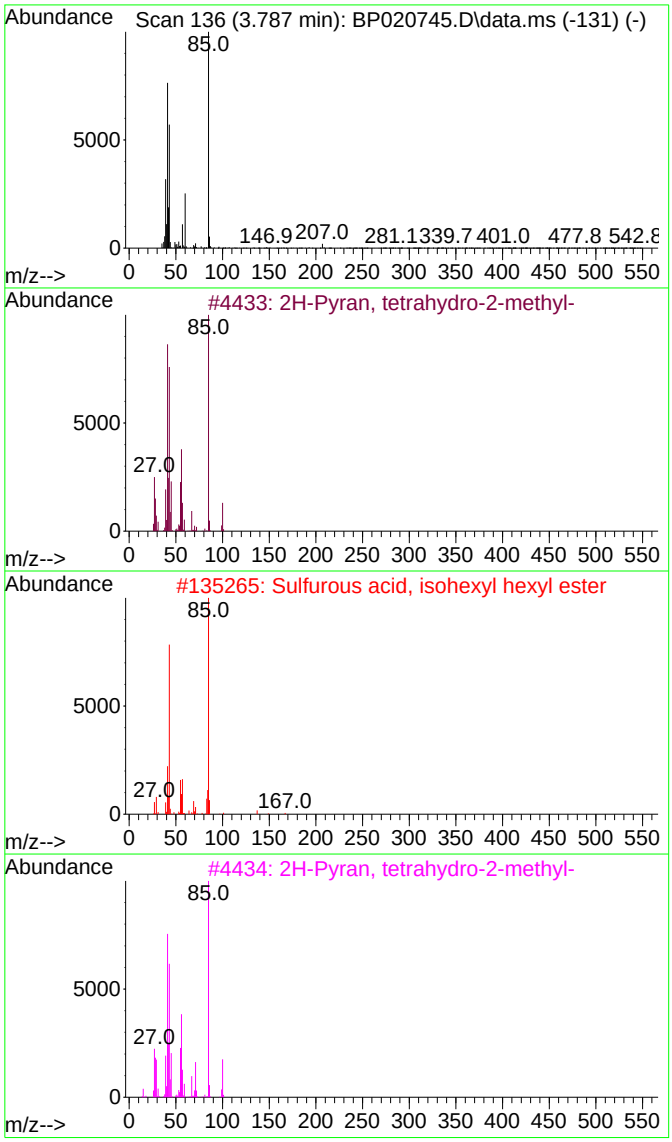
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

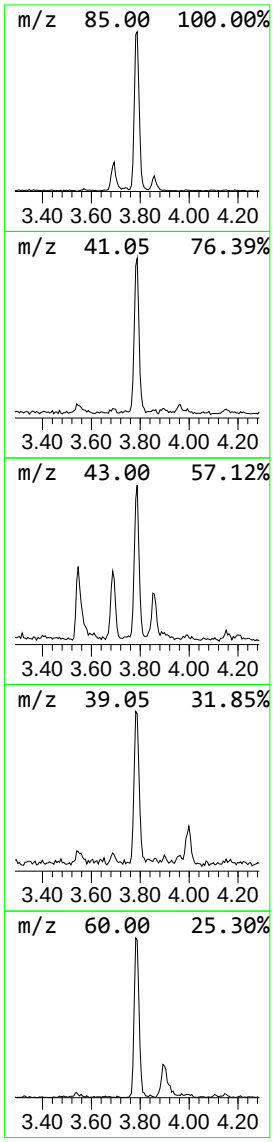
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.787 | 2.18 ng/ul | 147464 | 1,4-Dichlorobenzene-d4 | 7.746 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Pyran, tetrahydro-2-methyl- | 100 | C6H12O | 010141-72-7 | 64 |
| 2 | Sulfurous acid, isohexyl hexyl e... | 250 | C12H26O3S | 1000309-12-8 | 40 |
| 3 | 2H-Pyran, tetrahydro-2-methyl- | 100 | C6H12O | 010141-72-7 | 39 |
| 4 | Hexane, 2-bromo- | 164 | C6H13Br | 003377-86-4 | 38 |
| 5 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

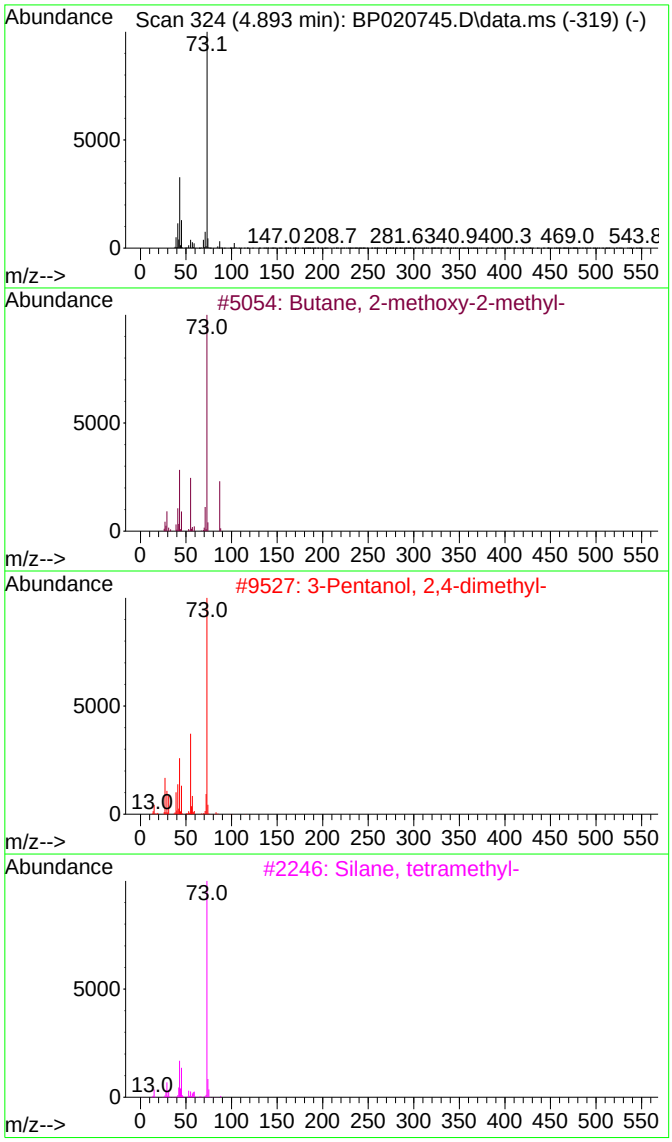
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

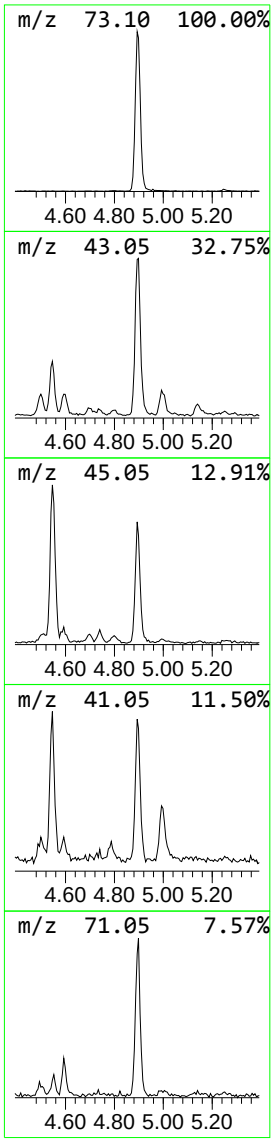
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 unknown-01 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.893 | 3.38 ng/ul | 228734 | 1,4-Dichlorobenzene-d4 | 7.746 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 36 |
| 2 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 33 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 28 |
| 4 | 1,4-Butanediamine | 88 | C4H12N2 | 000110-60-1 | 9 |
| 5 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

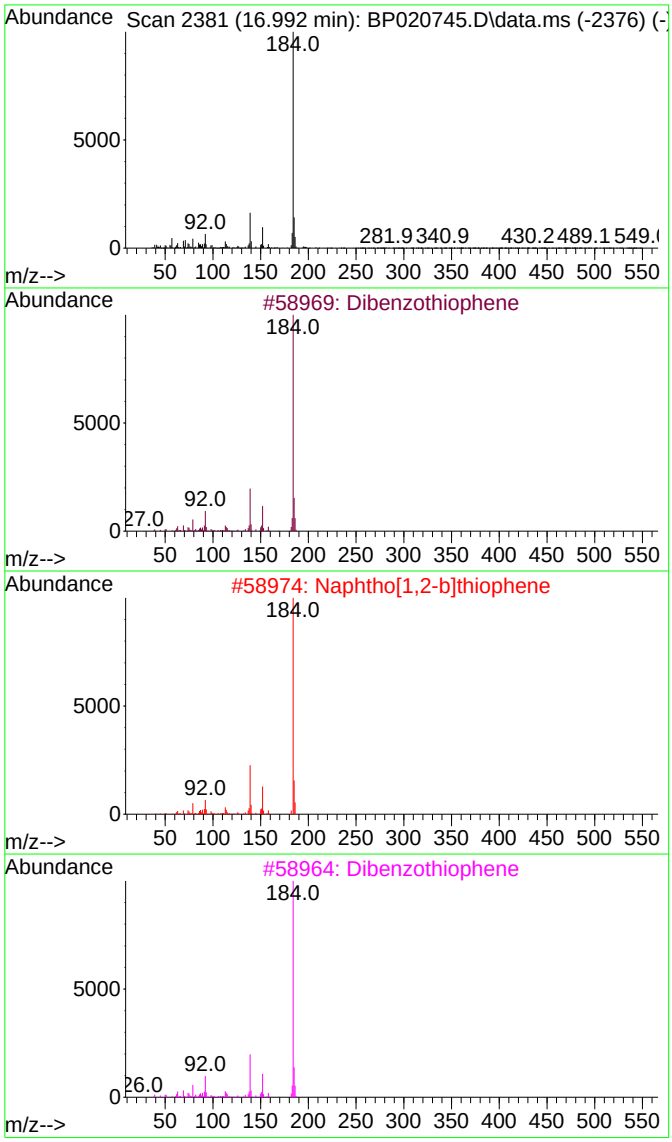
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

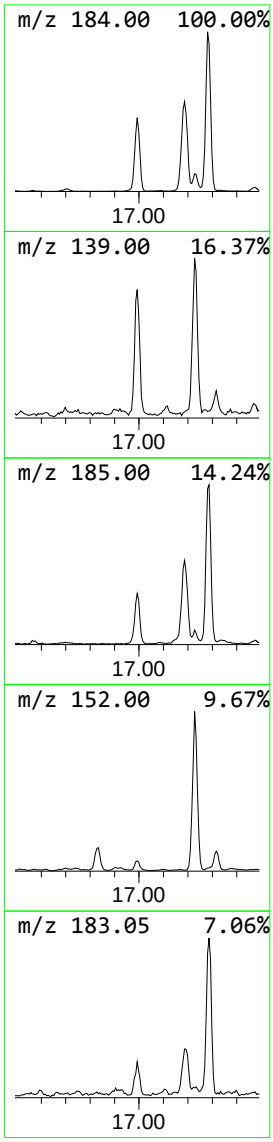
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Dibenzothiophene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.992 | 2.20 ng/ul | 339668 | Phenanthrene-d10 | 17.186 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 97 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 4 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 95 |
| 5 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

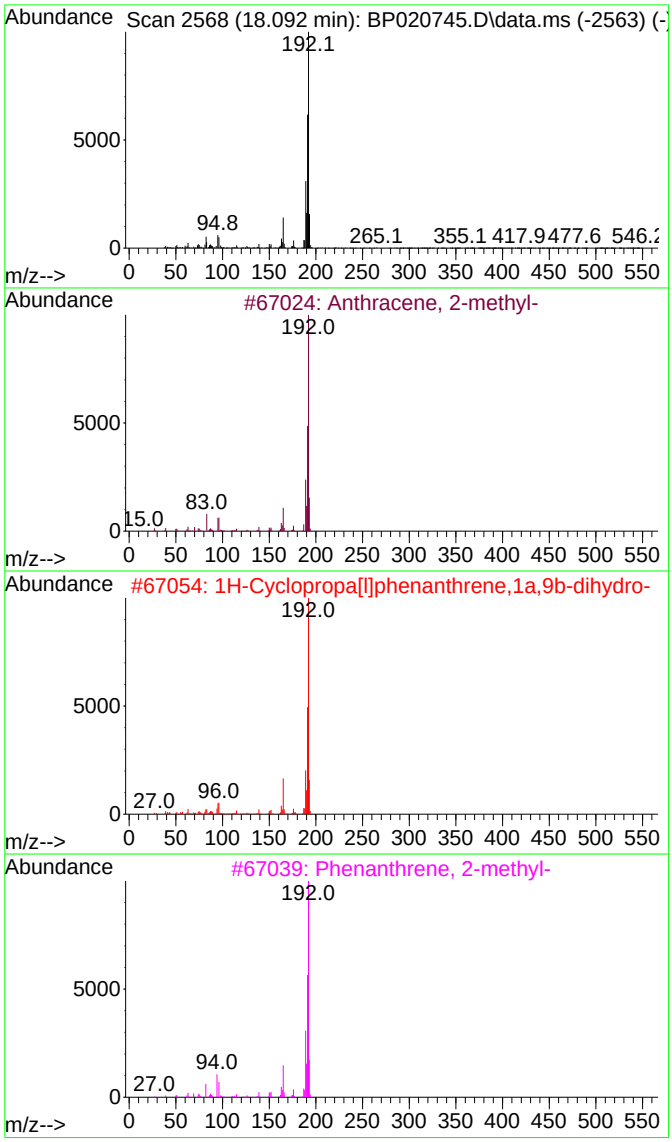
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

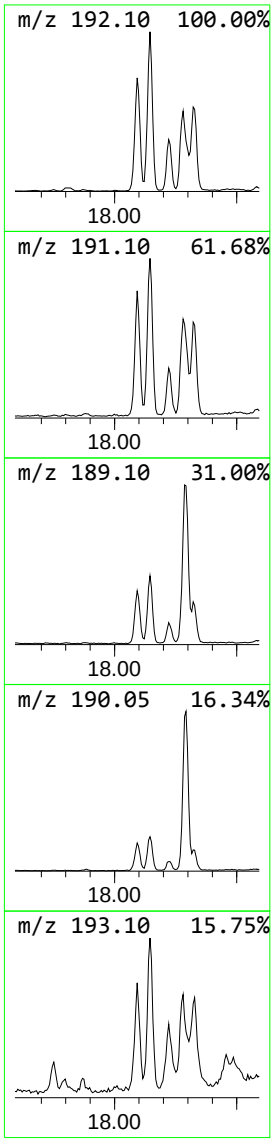
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.092 | 2.43 ng/ul | 375127 | Phenanthrene-d10 | 17.186 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

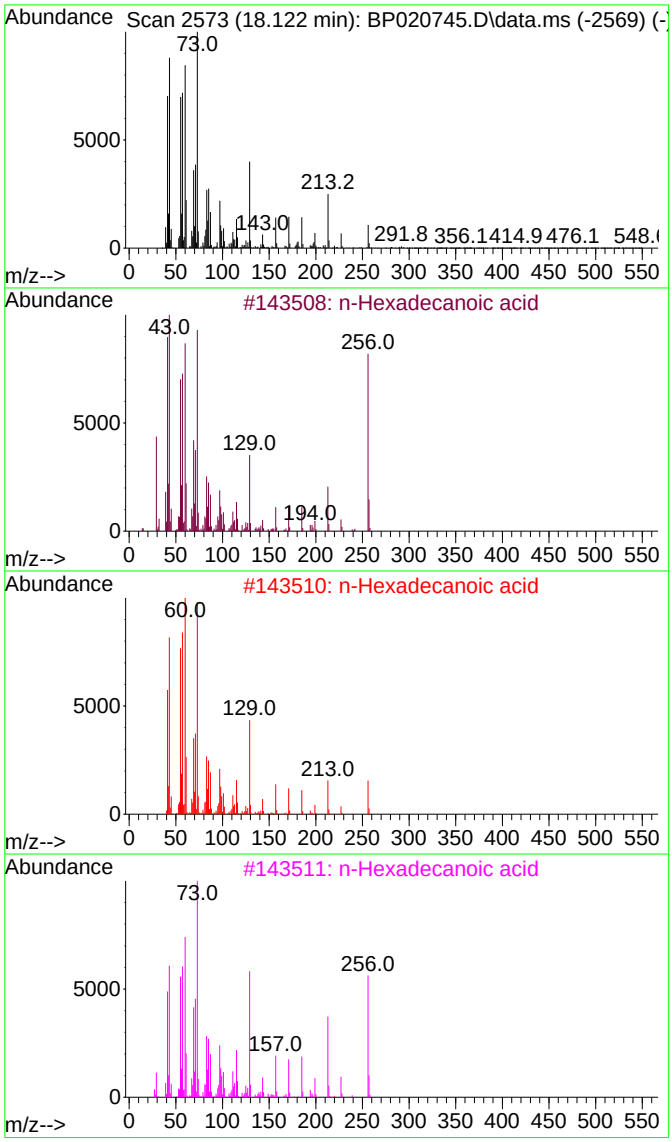
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

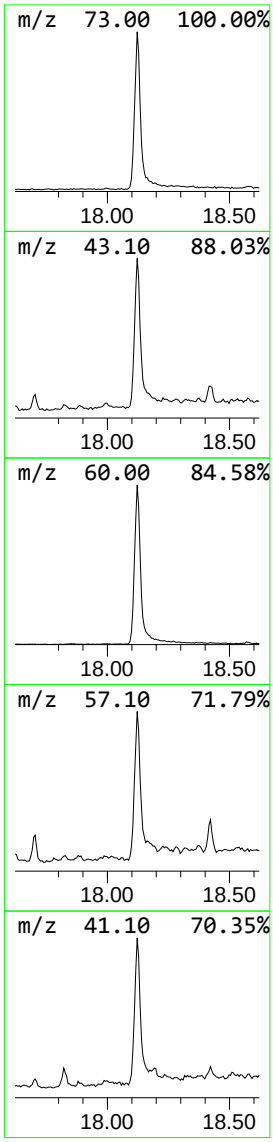
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.122 | 13.15 ng/ul | 2031430 | Phenanthrene-d10 | 17.186 |

| 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 | 99 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

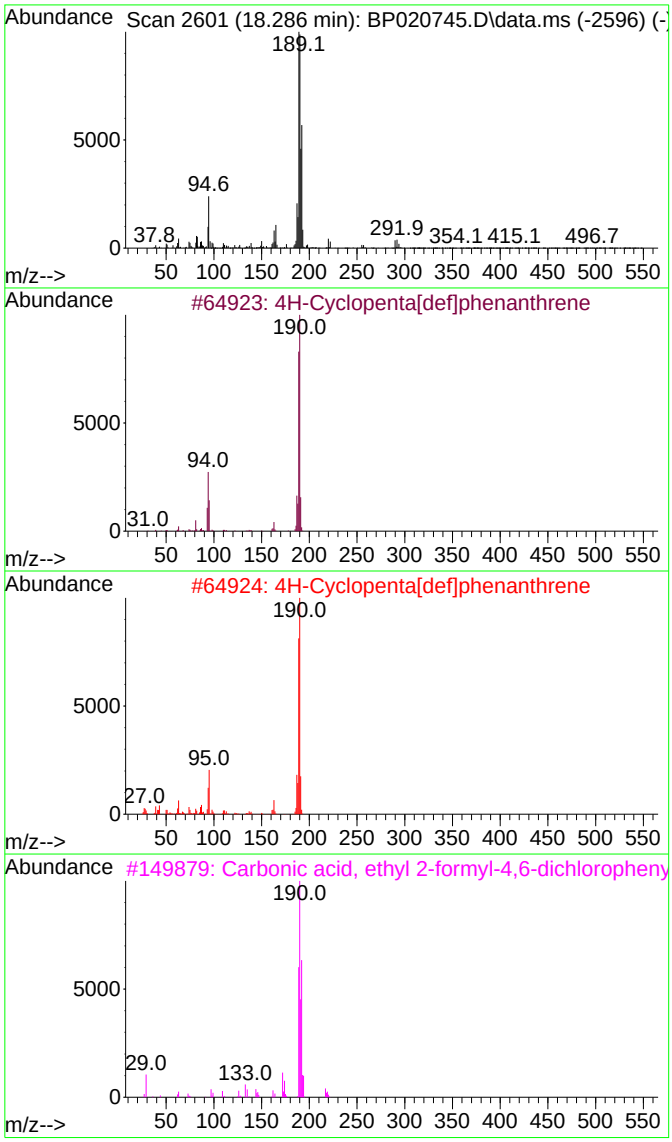
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

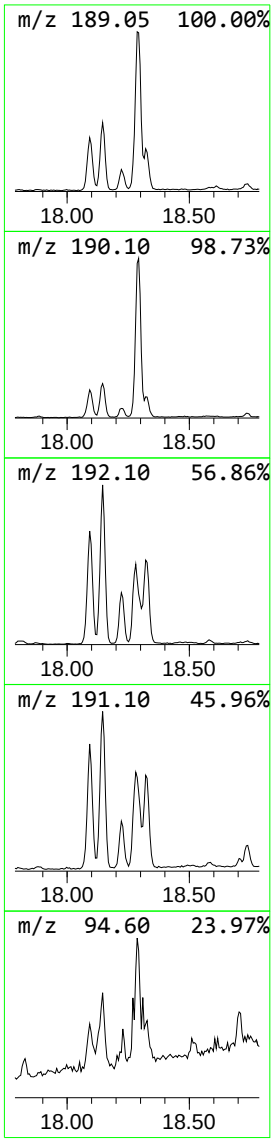
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.286 | 6.20 ng/ul | 958023 | Phenanthrene-d10 | 17.186 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 70 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 60 |
| 3 | Carbonic acid, ethyl 2-formyl-4,... | 262 | C10H8Cl2O4 | 1000331-34-4 | 50 |
| 4 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 47 |
| 5 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

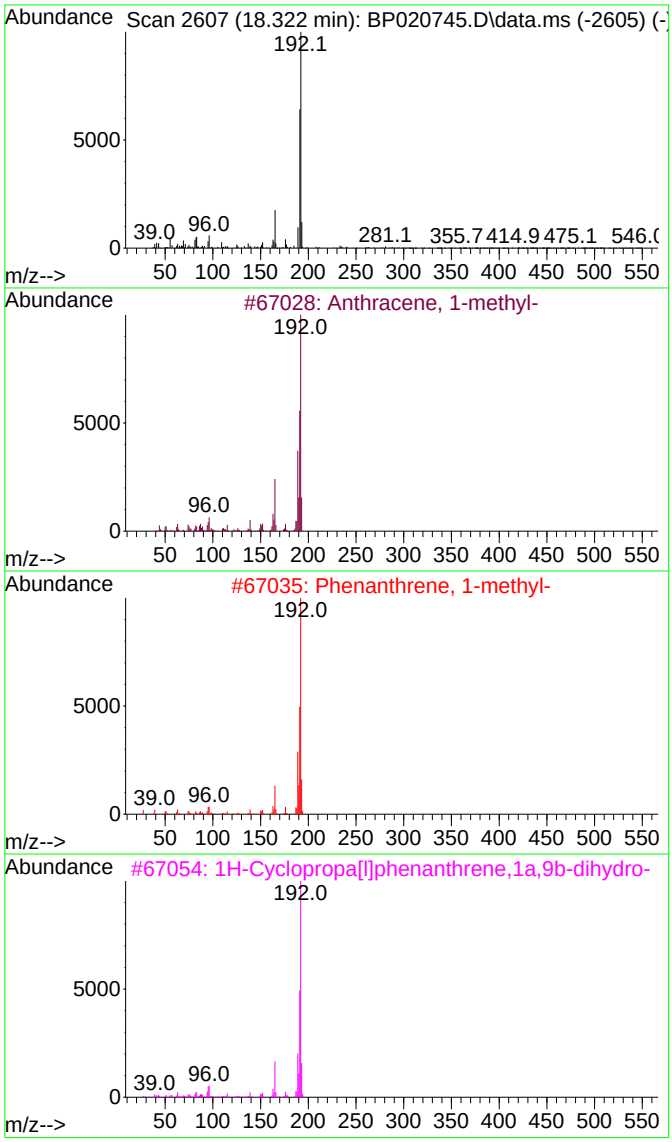
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

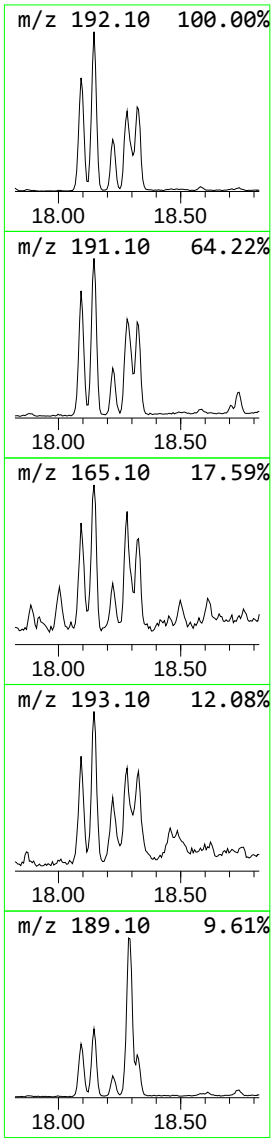
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.322 | 2.57 ng/ul | 397564 | Phenanthrene-d10 | 17.186 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 87 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 87 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 87 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

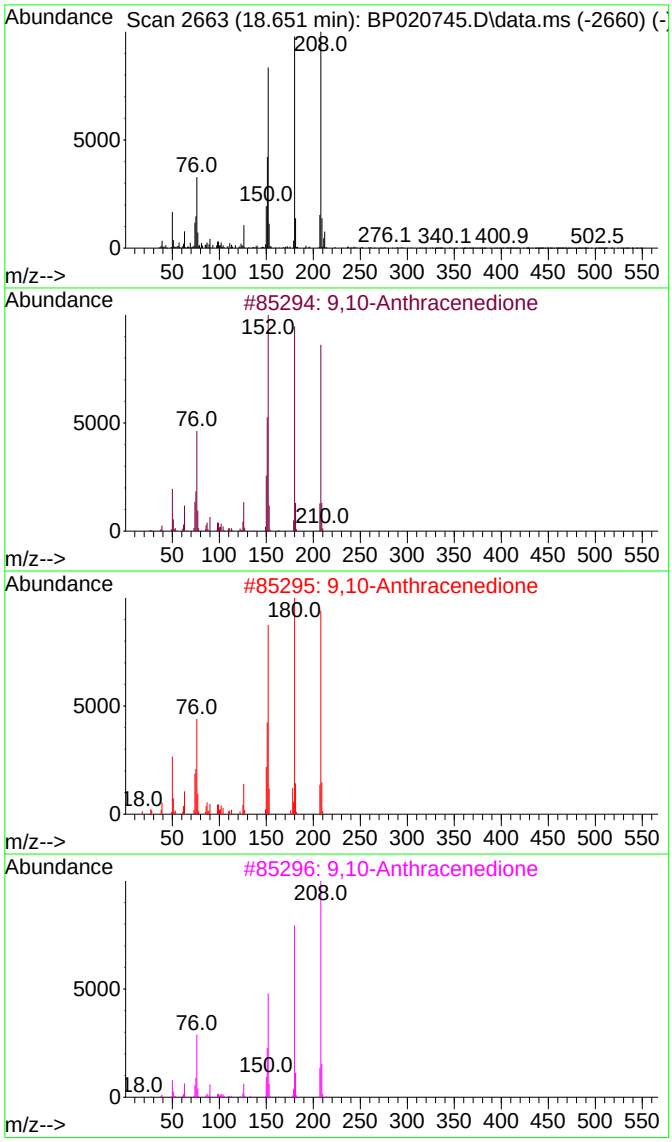
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

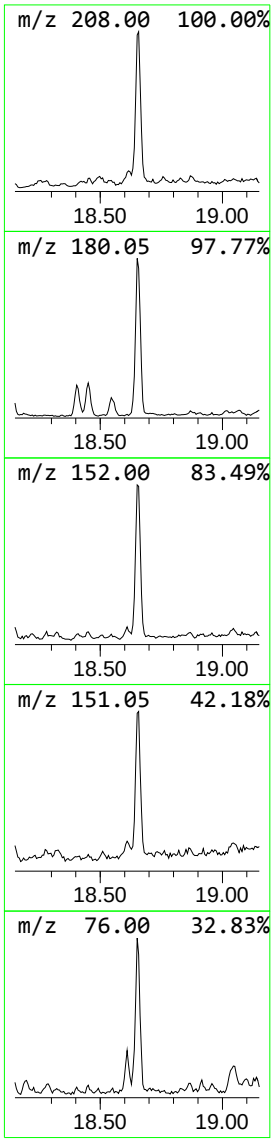
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 9,10-Anthracenedione Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.651 | 2.45 ng/ul | 377871 | Phenanthrene-d10 | 17.186 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

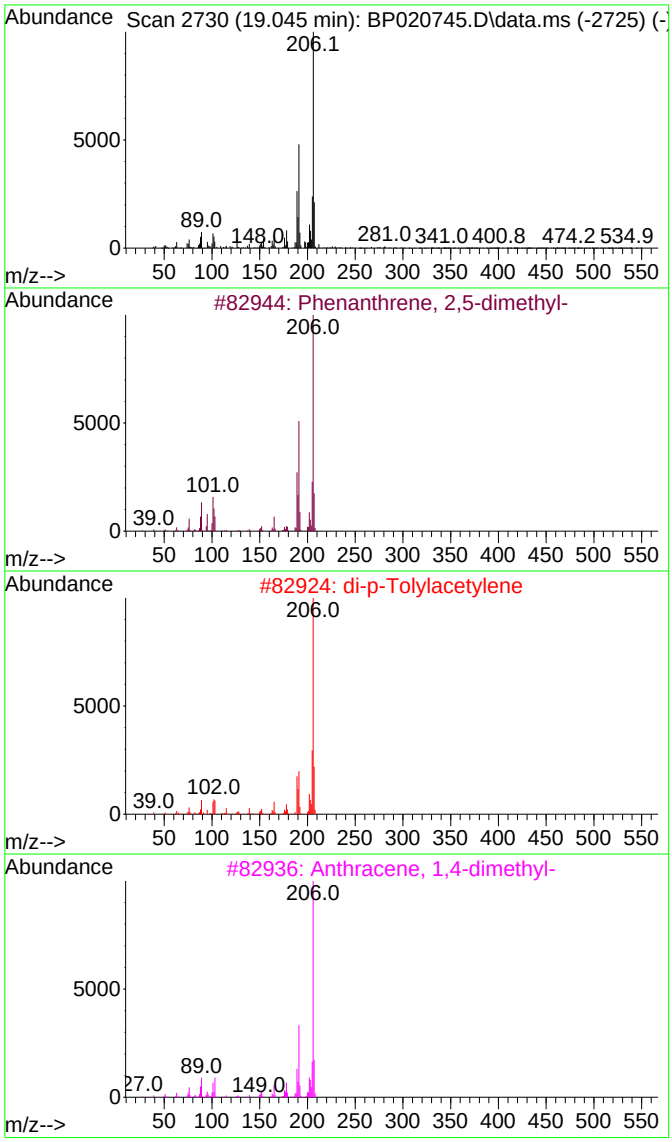
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

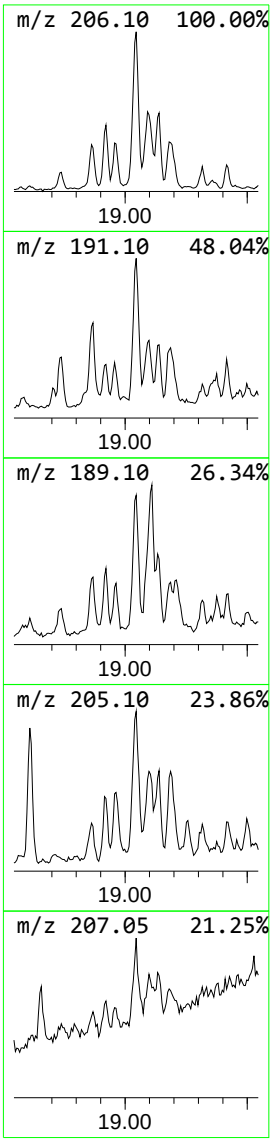
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.045 | 2.72 ng/ul | 420482 | Phenanthrene-d10 | 17.186 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 2 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 91 |
| 3 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 91 |
| 4 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 91 |
| 5 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

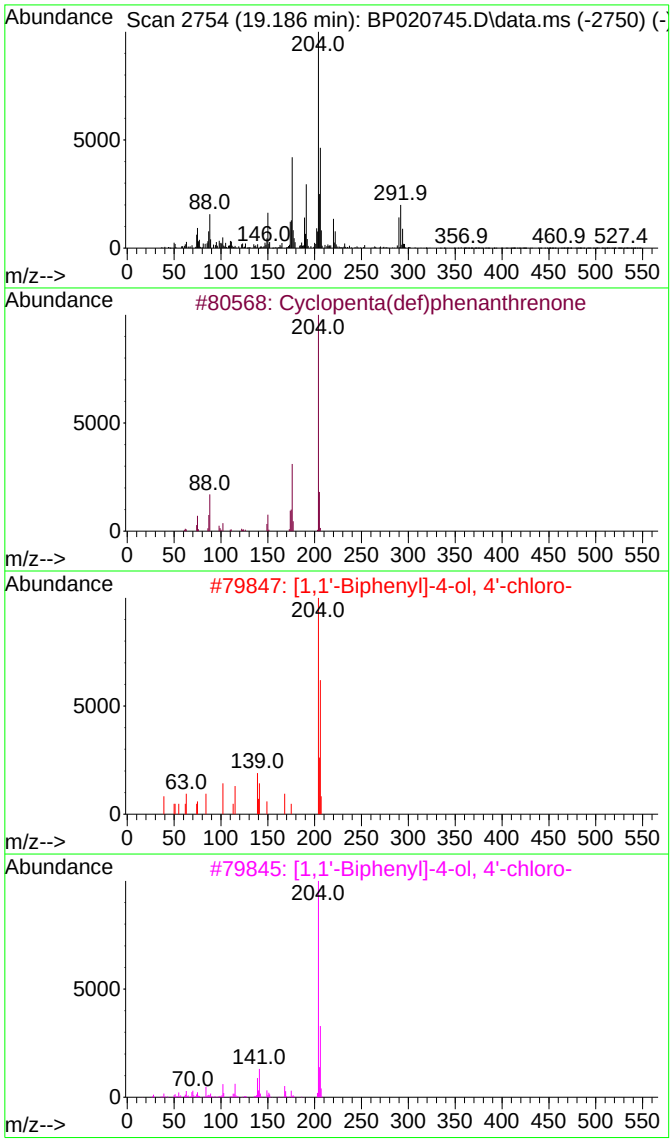
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

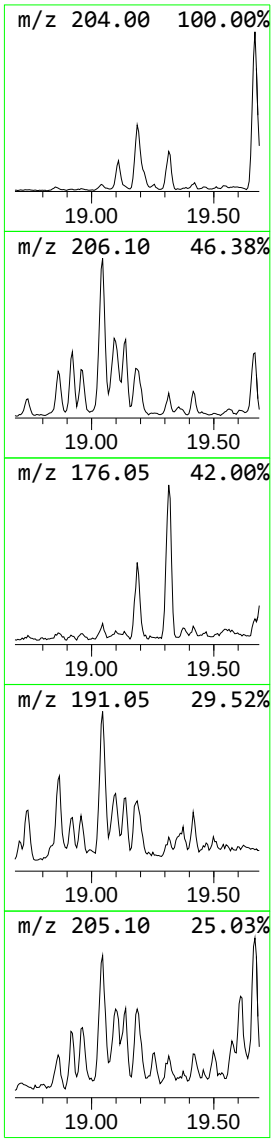
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.186 | 2.96 ng/ul | 457769 | Phenanthrene-d10 | 17.186 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 95 |
| 2 | [1,1'-Biphenyl]-4-ol, 4'-chloro- | 204 | C12H9ClO | 028034-99-3 | 43 |
| 3 | [1,1'-Biphenyl]-4-ol, 4'-chloro- | 204 | C12H9ClO | 028034-99-3 | 43 |
| 4 | 2-Chloro-4-phenylphenol | 204 | C12H9ClO | 000092-04-6 | 38 |
| 5 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

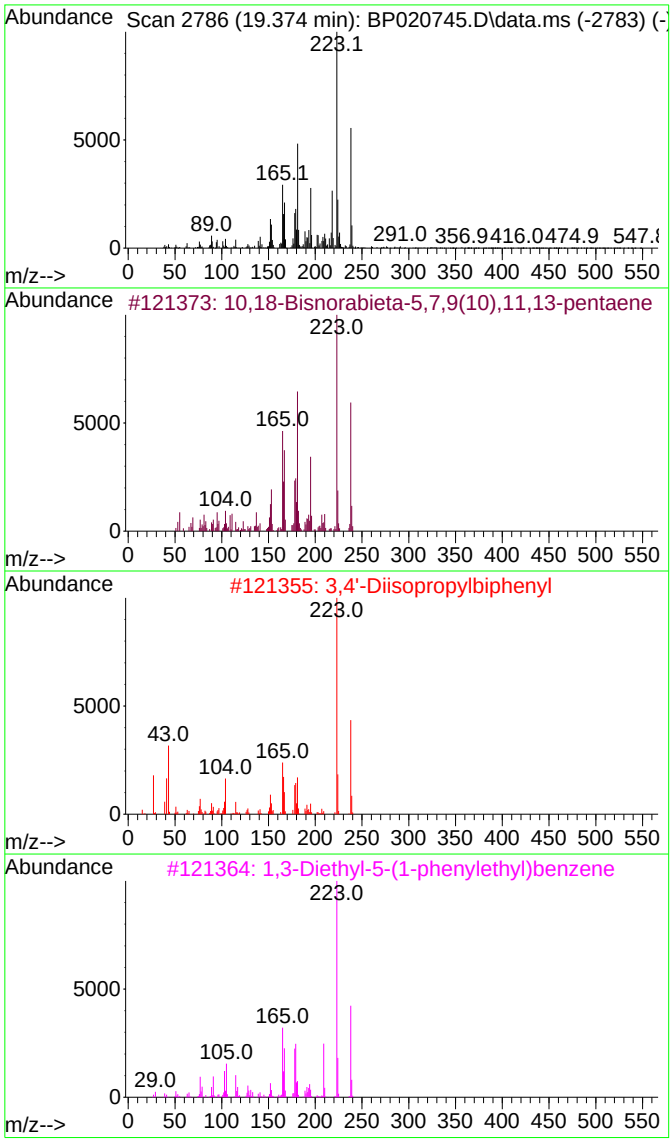
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

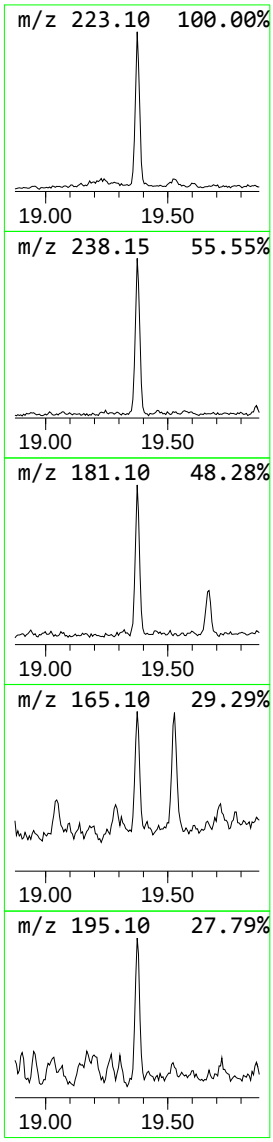
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.374 | 2.21 ng/ul | 341215 | Phenanthrene-d10 | 17.186 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10,18-Bisnorabieta-5,7,9(10),11,... | 238 | C18H22 | 006566-19-4 | 94 |
| 2 | 3,4'-Diisopropylbiphenyl | 238 | C18H22 | 061434-46-6 | 86 |
| 3 | 1,3-Diethyl-5-(1-phenylethyl)ben... | 238 | C18H22 | 1000482-32-6 | 86 |
| 4 | 4,4'-Diisopropylbiphenyl | 238 | C18H22 | 018970-30-4 | 70 |
| 5 | cyclopropanone, 2-(4-methoxyphen... | 238 | C16H14O2 | 1000401-16-2 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

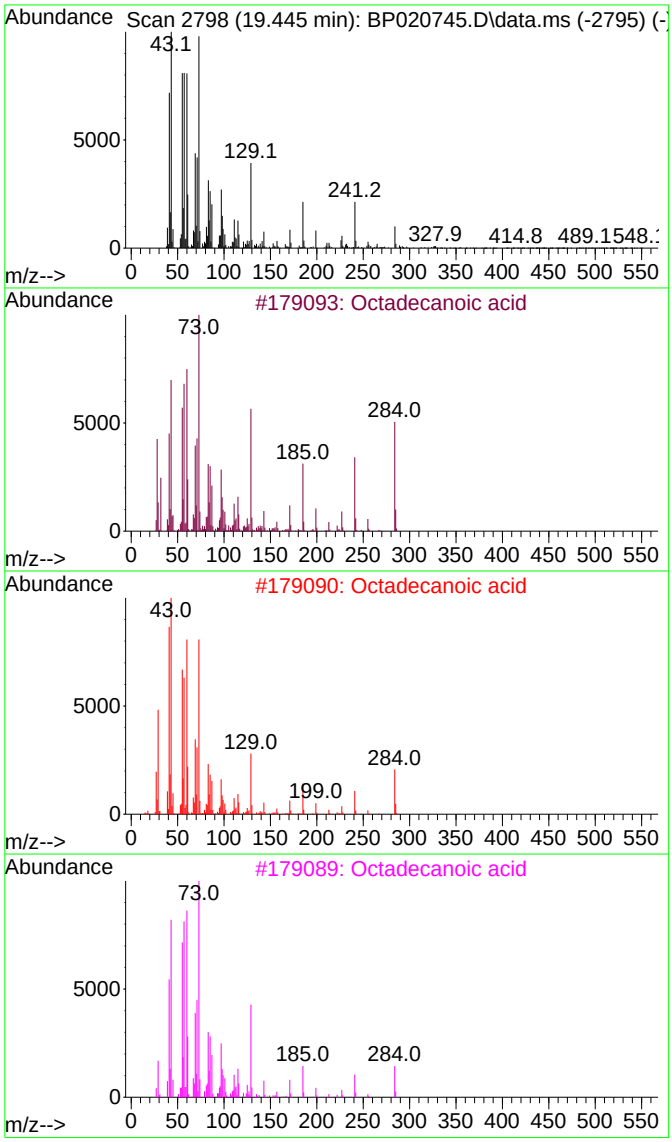
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

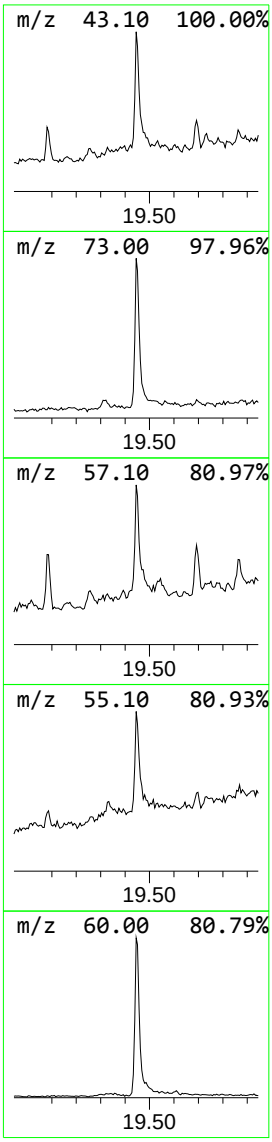
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Octadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.445 | 3.46 ng/ul | 741834 | Chrysene-d12 | 21.633 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

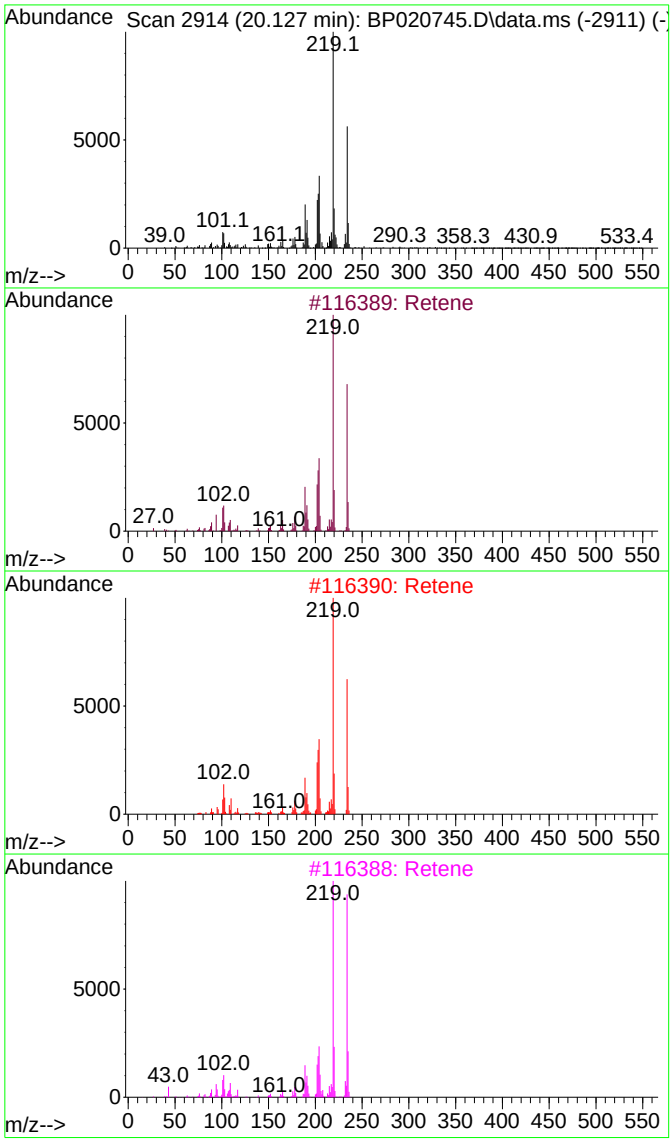
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

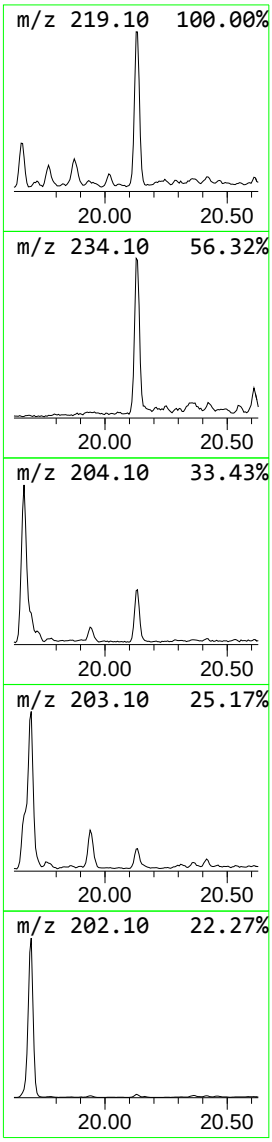
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Retene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.127 | 2.21 ng/ul | 473008 | Chrysene-d12 | 21.633 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Retene | 234 | C18H18 | 000483-65-8 | 98 |
| 2 | Retene | 234 | C18H18 | 000483-65-8 | 98 |
| 3 | Retene | 234 | C18H18 | 000483-65-8 | 95 |
| 4 | 2-Isopropyl-10-methylphenanthrene | 234 | C18H18 | 066552-97-4 | 94 |
| 5 | Phenanthrene, 2,4,5,7-tetramethyl- | 234 | C18H18 | 007396-38-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

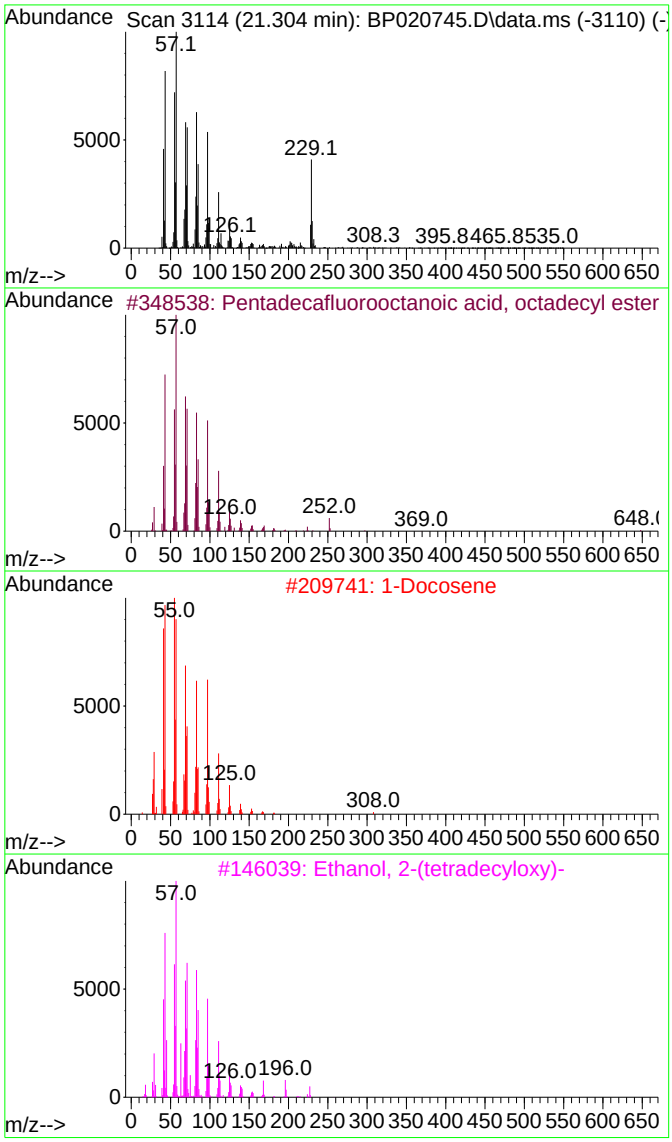
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

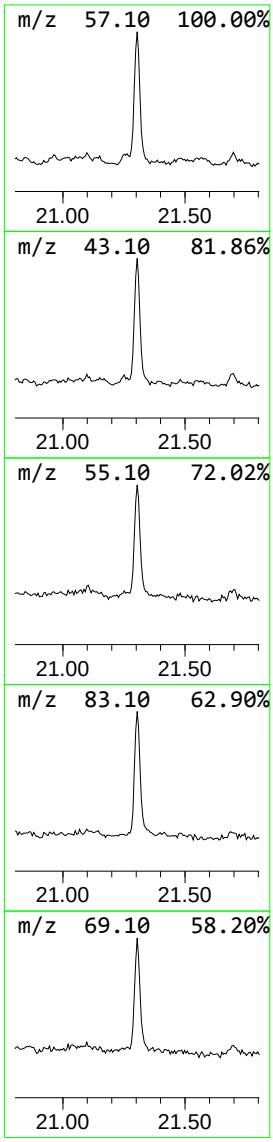
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Pentadecafluorooctanoic aci... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.304 | 6.73 ng/ul | 1441650 | Chrysene-d12 | 21.633 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 89 |
| 2 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 86 |
| 3 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 76 |
| 4 | Docosyl pentafluoropropionate | 472 | C25H45F5O2 | 1000351-80-9 | 76 |
| 5 | Eicosyl pentafluoropropionate | 444 | C23H41F5O2 | 1000351-80-8 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

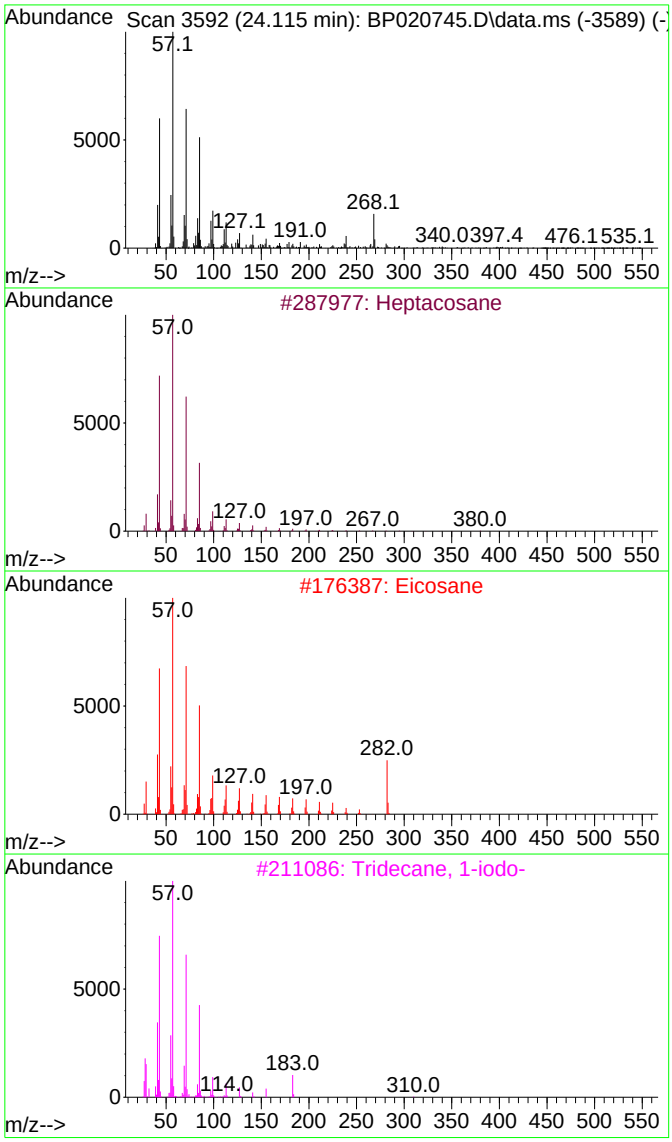
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

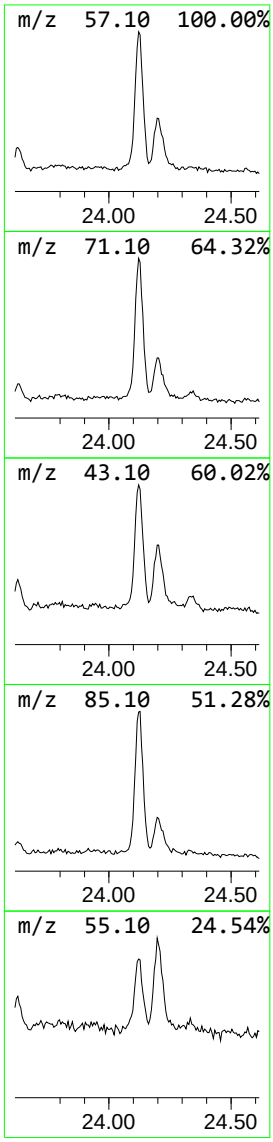
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.115 | 7.62 ng/ul | 802195 | Perylene-d12 | 24.986 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 92 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 3 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90 |
| 4 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 89 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

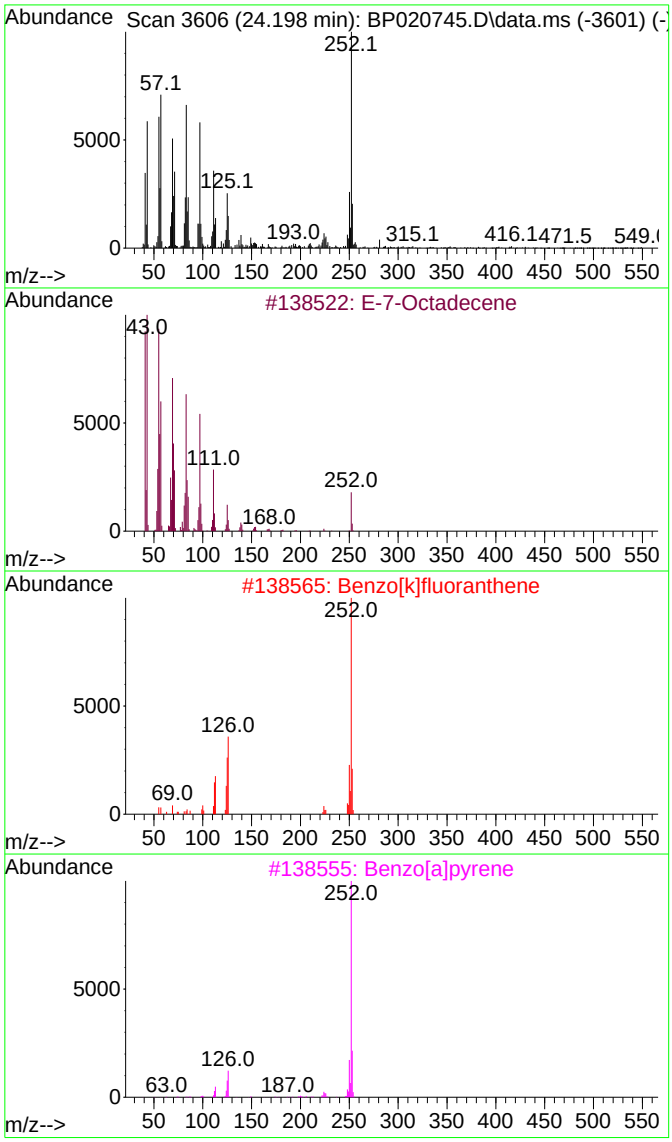
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

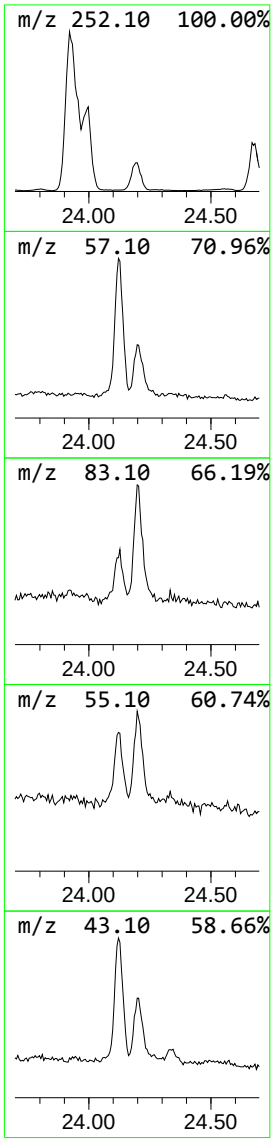
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.198 | 8.78 ng/ul | 924326 | Perylene-d12 | 24.986 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | E-7-Octadecene | 252 | C18H36 | 1000130-92-0 | 83 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 62 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 55 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 46 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 46 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
Operator : MA/JU
Sample : P2963-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CQ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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 |
| 2H-Pyran, tetra... | 3.787 | 2.2 | ng/ul | 147464 | 1 | 7.746 | 1352600 | 20.0 |
| unknown-01 | 4.893 | 3.4 | ng/ul | 228734 | 1 | 7.746 | 1352600 | 20.0 |
| Dibenzothiophene | 16.992 | 2.2 | ng/ul | 339668 | 4 | 17.186 | 3089590 | 20.0 |
| Anthracene, 2-m... | 18.092 | 2.4 | ng/ul | 375127 | 4 | 17.186 | 3089590 | 20.0 |
| n-Hexadecanoic ... | 18.122 | 13.2 | ng/ul | 2031430 | 4 | 17.186 | 3089590 | 20.0 |
| 4H-Cyclopenta[d... | 18.286 | 6.2 | ng/ul | 958023 | 4 | 17.186 | 3089590 | 20.0 |
| Anthracene, 1-m... | 18.322 | 2.6 | ng/ul | 397564 | 4 | 17.186 | 3089590 | 20.0 |
| 9,10-Anthracene... | 18.651 | 2.5 | ng/ul | 377871 | 4 | 17.186 | 3089590 | 20.0 |
| Phenanthrene, 2... | 19.045 | 2.7 | ng/ul | 420482 | 4 | 17.186 | 3089590 | 20.0 |
| Cyclopenta(def)... | 19.186 | 3.0 | ng/ul | 457769 | 4 | 17.186 | 3089590 | 20.0 |
| 10,18-Bisnorabi... | 19.374 | 2.2 | ng/ul | 341215 | 4 | 17.186 | 3089590 | 20.0 |
| Octadecanoic acid | 19.445 | 3.5 | ng/ul | 741834 | 5 | 21.633 | 4281910 | 20.0 |
| Retene | 20.127 | 2.2 | ng/ul | 473008 | 5 | 21.633 | 4281910 | 20.0 |
| Pentadecafluoro... | 21.304 | 6.7 | ng/ul | 1441650 | 5 | 21.633 | 4281910 | 20.0 |
| (DEL) Alkane: S... | 24.115 | 7.6 | ng/ul | 802195 | 6 | 24.986 | 2105020 | 20.0 |
| (DEL) Alkane: S... | 24.198 | 8.8 | ng/ul | 924326 | 6 | 24.986 | 2105020 | 20.0 |