LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020287.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.211 | 18 | 21 | 27 | rVB | 16691 | 21011 | 0.56% | 0.048% |
| 2 | 3.617 | 86 | 90 | 101 | rBV | 103546 | 202526 | 5.39% | 0.464% |
| 3 | 3.705 | 101 | 105 | 114 | rVB2 | 24586 | 43624 | 1.16% | 0.100% |
| 4 | 3.899 | 136 | 138 | 145 | rVB2 | 6843 | 9804 | 0.26% | 0.022% |
| 5 | 4.440 | 225 | 230 | 237 | rVB7 | 5435 | 9082 | 0.24% | 0.021% |
| 6 | 4.775 | 282 | 287 | 292 | rBV2 | 6400 | 10664 | 0.28% | 0.024% |
| 7 | 5.646 | 429 | 435 | 444 | rBV7 | 5750 | 13546 | 0.36% | 0.031% |
| 8 | 5.905 | 473 | 479 | 485 | rVB9 | 5197 | 11416 | 0.30% | 0.026% |
| 9 | 6.799 | 622 | 631 | 650 | rBV | 216391 | 518649 | 13.81% | 1.188% |
| 10 | 6.964 | 653 | 659 | 674 | rVB | 205725 | 345274 | 9.19% | 0.791% |
| 11 | 7.146 | 683 | 690 | 706 | rBV | 270348 | 507239 | 13.50% | 1.162% |
| 12 | 7.605 | 760 | 768 | 779 | rBV | 322456 | 528741 | 14.08% | 1.211% |
| 13 | 8.140 | 855 | 859 | 868 | rVB6 | 5278 | 10610 | 0.28% | 0.024% |
| 14 | 8.322 | 882 | 890 | 905 | rBV | 273560 | 577648 | 15.38% | 1.323% |
| 15 | 8.446 | 905 | 911 | 927 | rVB2 | 60921 | 130904 | 3.48% | 0.300% |
| 16 | 8.769 | 958 | 966 | 981 | rBV | 278807 | 496509 | 13.22% | 1.137% |
| 17 | 9.369 | 1062 | 1068 | 1073 | rBV7 | 4917 | 12860 | 0.34% | 0.029% |
| 18 | 9.481 | 1080 | 1087 | 1104 | rBV | 209556 | 437924 | 11.66% | 1.003% |
| 19 | 9.716 | 1120 | 1127 | 1130 | rBV6 | 6320 | 13957 | 0.37% | 0.032% |
| 20 | 9.863 | 1148 | 1152 | 1156 | rBV2 | 5794 | 8826 | 0.23% | 0.020% |
| 21 | 10.028 | 1173 | 1180 | 1200 | rBV | 266102 | 662496 | 17.64% | 1.517% |
| 22 | 10.216 | 1206 | 1212 | 1217 | rBV4 | 10325 | 22950 | 0.61% | 0.053% |
| 23 | 10.381 | 1232 | 1240 | 1246 | rBV | 397670 | 739818 | 19.69% | 1.695% |
| 24 | 10.434 | 1246 | 1249 | 1256 | rVB | 71263 | 111299 | 2.96% | 0.255% |
| 25 | 10.558 | 1262 | 1270 | 1284 | rBV2 | 102449 | 276914 | 7.37% | 0.634% |
| 26 | 11.175 | 1365 | 1375 | 1381 | rBV4 | 8252 | 22958 | 0.61% | 0.053% |
| 27 | 11.293 | 1391 | 1395 | 1403 | rVB10 | 3718 | 8885 | 0.24% | 0.020% |
| 28 | 11.987 | 1508 | 1513 | 1521 | rVB2 | 7544 | 15807 | 0.42% | 0.036% |
| 29 | 12.069 | 1521 | 1527 | 1536 | rVB2 | 42523 | 76475 | 2.04% | 0.175% |
| 30 | 12.287 | 1554 | 1564 | 1572 | rBV | 35734 | 74128 | 1.97% | 0.170% |
| 31 | 13.104 | 1696 | 1703 | 1710 | rBV2 | 13454 | 27591 | 0.73% | 0.063% |
| 32 | 13.169 | 1710 | 1714 | 1718 | rVV6 | 8096 | 13335 | 0.35% | 0.031% |
| 33 | 13.252 | 1721 | 1728 | 1732 | rBV8 | 4162 | 10466 | 0.28% | 0.024% |
| 34 | 13.304 | 1733 | 1737 | 1747 | rVB5 | 7968 | 18678 | 0.50% | 0.043% |
| 35 | 13.440 | 1753 | 1760 | 1761 | rBV2 | 16350 | 25261 | 0.67% | 0.058% |
| 36 | 13.599 | 1781 | 1787 | 1792 | rBV2 | 35127 | 65244 | 1.74% | 0.149% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** A43Q0

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-BP050124.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.657 | 1792 | 1797 | 1799 | rVV3 | 23905 | 41197 | 1.10% | 0.094% |
| 38 | 13.704 | 1799 | 1805 | 1822 | rVV | 617209 | 1012402 | 26.95% | 2.319% |
| 39 | 13.840 | 1823 | 1828 | 1839 | rVB2 | 17845 | 44601 | 1.19% | 0.102% |
| 40 | 13.981 | 1844 | 1852 | 1863 | rBV2 | 718295 | 1336184 | 35.57% | 3.061% |
| 41 | 14.287 | 1897 | 1904 | 1911 | rBV | 710001 | 1024731 | 27.28% | 2.347% |
| 42 | 14.357 | 1911 | 1916 | 1927 | rVB | 106578 | 186950 | 4.98% | 0.428% |
| 43 | 14.528 | 1937 | 1945 | 1948 | rBV4 | 27807 | 68758 | 1.83% | 0.157% |
| 44 | 14.575 | 1948 | 1953 | 1967 | rVV2 | 121448 | 397622 | 10.59% | 0.911% |
| 45 | 14.704 | 1970 | 1975 | 1984 | rVV | 91888 | 205584 | 5.47% | 0.471% |
| 46 | 14.781 | 1984 | 1988 | 1994 | rVB2 | 23863 | 42609 | 1.13% | 0.098% |
| 47 | 14.934 | 2008 | 2014 | 2018 | rBV3 | 19532 | 39215 | 1.04% | 0.090% |
| 48 | 14.987 | 2018 | 2023 | 2027 | rVV | 13624 | 20701 | 0.55% | 0.047% |
| 49 | 15.104 | 2036 | 2043 | 2051 | rBV8 | 11535 | 36822 | 0.98% | 0.084% |
| 50 | 15.187 | 2052 | 2057 | 2062 | rVB4 | 9146 | 20111 | 0.54% | 0.046% |
| 51 | 15.275 | 2068 | 2072 | 2073 | rBV4 | 6266 | 7356 | 0.20% | 0.017% |
| 52 | 15.316 | 2073 | 2079 | 2084 | rVV | 1043877 | 1477977 | 39.35% | 3.385% |
| 53 | 15.369 | 2084 | 2088 | 2100 | rVB | 156960 | 271180 | 7.22% | 0.621% |
| 54 | 15.475 | 2100 | 2106 | 2114 | rBV2 | 191615 | 366051 | 9.74% | 0.838% |
| 55 | 15.540 | 2115 | 2117 | 2122 | rVV2 | 23623 | 41944 | 1.12% | 0.096% |
| 56 | 15.593 | 2123 | 2126 | 2130 | rVV5 | 19568 | 29514 | 0.79% | 0.068% |
| 57 | 15.628 | 2130 | 2132 | 2136 | rVV4 | 12175 | 18526 | 0.49% | 0.042% |
| 58 | 15.681 | 2136 | 2141 | 2146 | rVB | 42337 | 65176 | 1.74% | 0.149% |
| 59 | 15.840 | 2163 | 2168 | 2176 | rVB | 40293 | 85923 | 2.29% | 0.197% |
| 60 | 16.087 | 2203 | 2210 | 2215 | rBV5 | 34750 | 77708 | 2.07% | 0.178% |
| 61 | 16.257 | 2236 | 2239 | 2243 | rBV6 | 6621 | 12833 | 0.34% | 0.029% |
| 62 | 16.416 | 2259 | 2266 | 2271 | rVV4 | 37838 | 96805 | 2.58% | 0.222% |
| 63 | 16.469 | 2271 | 2275 | 2280 | rVB3 | 17403 | 33627 | 0.90% | 0.077% |
| 64 | 16.645 | 2303 | 2305 | 2309 | rVV2 | 20690 | 18482 | 0.49% | 0.042% |
| 65 | 16.693 | 2311 | 2313 | 2317 | rVB2 | 24696 | 26098 | 0.69% | 0.060% |
| 66 | 16.787 | 2324 | 2329 | 2336 | rBV | 98603 | 170205 | 4.53% | 0.390% |
| 67 | 16.863 | 2337 | 2342 | 2343 | rBV | 34963 | 44207 | 1.18% | 0.101% |
| 68 | 16.951 | 2352 | 2357 | 2364 | rVB | 120189 | 179188 | 4.77% | 0.410% |
| 69 | 17.140 | 2382 | 2389 | 2392 | rBV | 716001 | 1231462 | 32.78% | 2.821% |
| 70 | 17.187 | 2392 | 2397 | 2402 | rVV | 1891309 | 2807426 | 74.74% | 6.431% |
| 71 | 17.245 | 2402 | 2407 | 2411 | rVV | 1112697 | 1735753 | 46.21% | 3.976% |
| 72 | 17.281 | 2411 | 2413 | 2419 | rVV | 397689 | 480977 | 12.80% | 1.102% |
| 73 | 17.351 | 2423 | 2425 | 2431 | rVB | 43251 | 63610 | 1.69% | 0.146% |
| 74 | 17.575 | 2455 | 2463 | 2473 | rBV2 | 156851 | 368270 | 9.80% | 0.844% |
| 75 | 17.687 | 2479 | 2482 | 2488 | rVB2 | 49854 | 71651 | 1.91% | 0.164% |
| 76 | 18.057 | 2540 | 2545 | 2549 | rBV | 204164 | 325124 | 8.66% | 0.745% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

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-BP050124.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.104 | 2549 | 2553 | 2561 | rVV2 | 560785 | 857640 | 22.83% | 1.964% |
| 78 | 18.192 | 2564 | 2568 | 2573 | rVB | 101652 | 152035 | 4.05% | 0.348% |
| 79 | 18.257 | 2574 | 2579 | 2584 | rVV2 | 261668 | 529897 | 14.11% | 1.214% |
| 80 | 18.298 | 2584 | 2586 | 2592 | rVB | 128110 | 179268 | 4.77% | 0.411% |
| 81 | 18.404 | 2599 | 2604 | 2607 | rBV5 | 48910 | 97029 | 2.58% | 0.222% |
| 82 | 18.587 | 2631 | 2635 | 2640 | rBV | 163866 | 230798 | 6.14% | 0.529% |
| 83 | 18.645 | 2641 | 2645 | 2651 | rVB | 139122 | 224312 | 5.97% | 0.514% |
| 84 | 18.939 | 2693 | 2695 | 2699 | rVB2 | 60062 | 75330 | 2.01% | 0.173% |
| 85 | 19.022 | 2706 | 2709 | 2714 | rVB | 132353 | 184475 | 4.91% | 0.423% |
| 86 | 19.081 | 2715 | 2719 | 2724 | rBV4 | 81315 | 171638 | 4.57% | 0.393% |
| 87 | 19.181 | 2731 | 2736 | 2743 | rBV2 | 160178 | 363818 | 9.69% | 0.833% |
| 88 | 19.304 | 2751 | 2757 | 2764 | rBV | 2523692 | 3756413 | 100.00% | 8.604% |
| 89 | 19.463 | 2780 | 2784 | 2790 | rVB | 270053 | 366956 | 9.77% | 0.841% |
| 90 | 19.663 | 2812 | 2818 | 2820 | rBV | 1623069 | 2705924 | 72.03% | 6.198% |
| 91 | 19.686 | 2820 | 2822 | 2832 | rVB | 2581662 | 3481980 | 92.69% | 7.976% |
| 92 | 20.322 | 2927 | 2930 | 2934 | rBV | 166527 | 188769 | 5.03% | 0.432% |
| 93 | 20.381 | 2937 | 2940 | 2944 | rVB2 | 209301 | 304443 | 8.10% | 0.697% |
| 94 | 20.522 | 2961 | 2964 | 2968 | rVB | 132623 | 170927 | 4.55% | 0.392% |
| 95 | 21.633 | 3148 | 3153 | 3161 | rBV3 | 1257030 | 3334845 | 88.78% | 7.639% |
| 96 | 21.698 | 3161 | 3164 | 3169 | rVB | 891909 | 1216128 | 32.37% | 2.786% |
| 97 | 23.974 | 3547 | 3551 | 3557 | rVB | 433943 | 808509 | 21.52% | 1.852% |
| 98 | 24.810 | 3688 | 3693 | 3698 | rVB2 | 595093 | 1176798 | 31.33% | 2.695% |
| 99 | 24.886 | 3701 | 3706 | 3713 | rVB | 617780 | 1314590 | 35.00% | 3.011% |
| 100 | 25.033 | 3725 | 3731 | 3738 | rVB | 497027 | 1097674 | 29.22% | 2.514% |

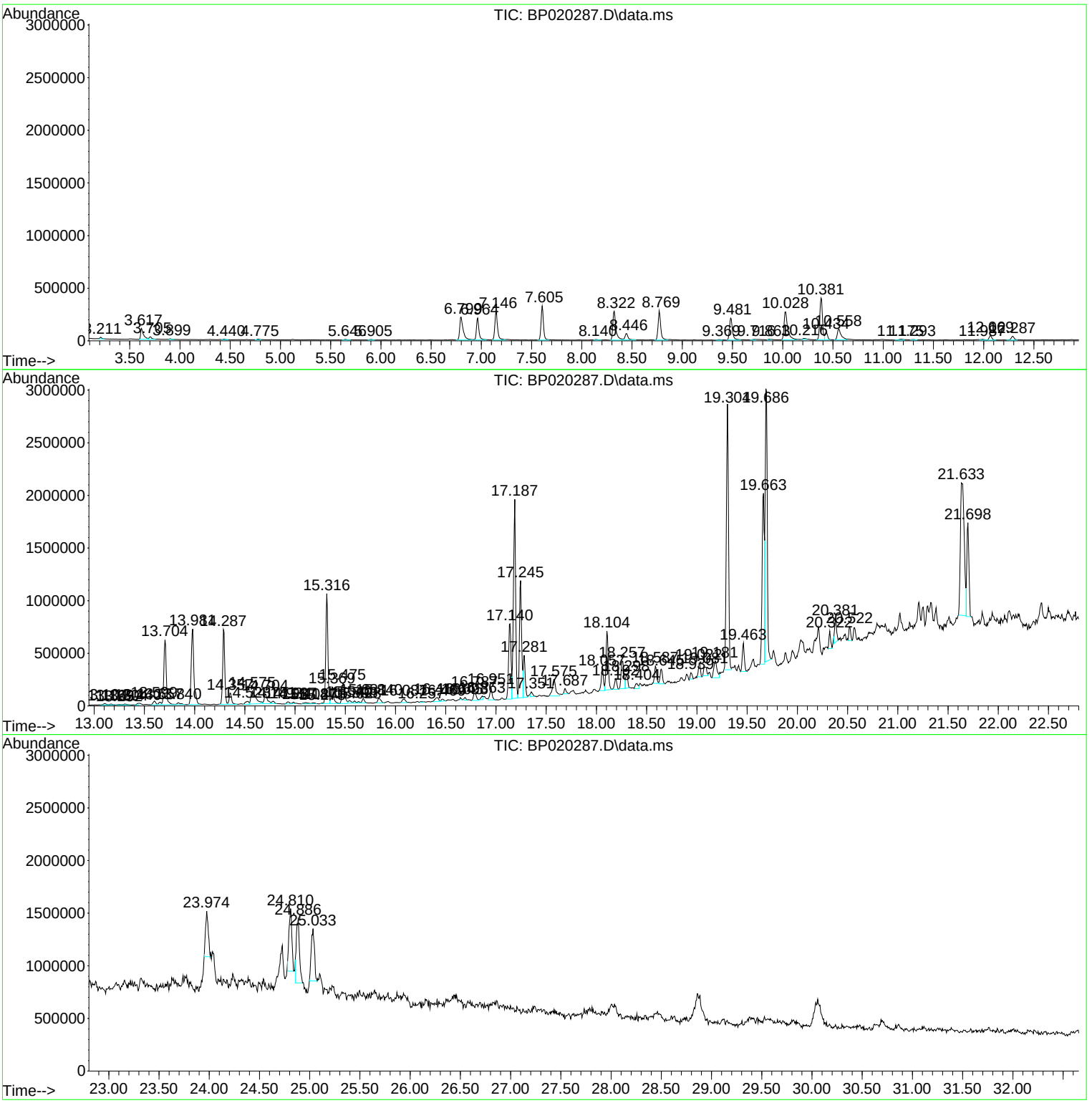
Sum of corrected areas: 43657875

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

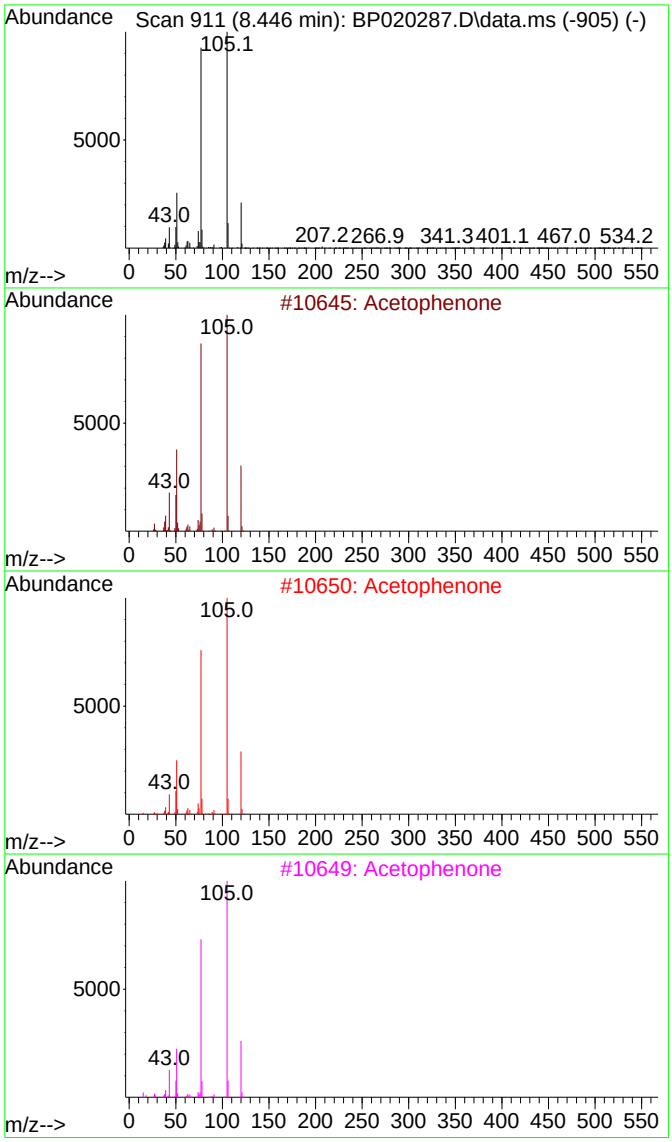
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

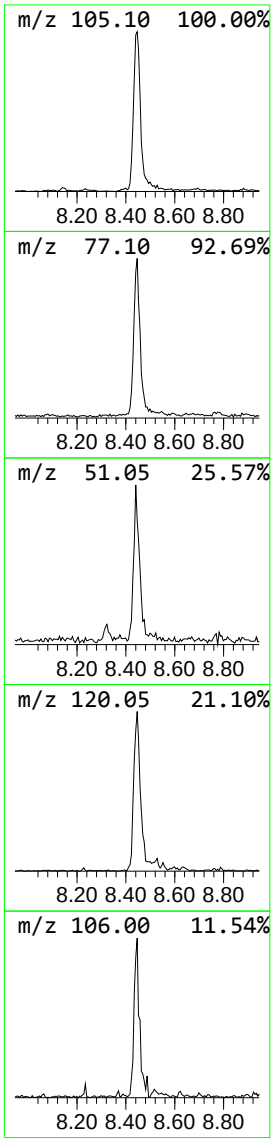
**********

Peak Number 1 Aceto phenone Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.446 | 4.95 ng/ul | 130904 | 1,4-Dichlorobenzene-d4 | 7.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetophenone | 120 | C8H8O | 000098-86-2 | 91 |
| 2 | Acetophenone | 120 | C8H8O | 000098-86-2 | 91 |
| 3 | Acetophenone | 120 | C8H8O | 000098-86-2 | 91 |
| 4 | Acetophenone | 120 | C8H8O | 000098-86-2 | 91 |
| 5 | Acetophenone | 120 | C8H8O | 000098-86-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

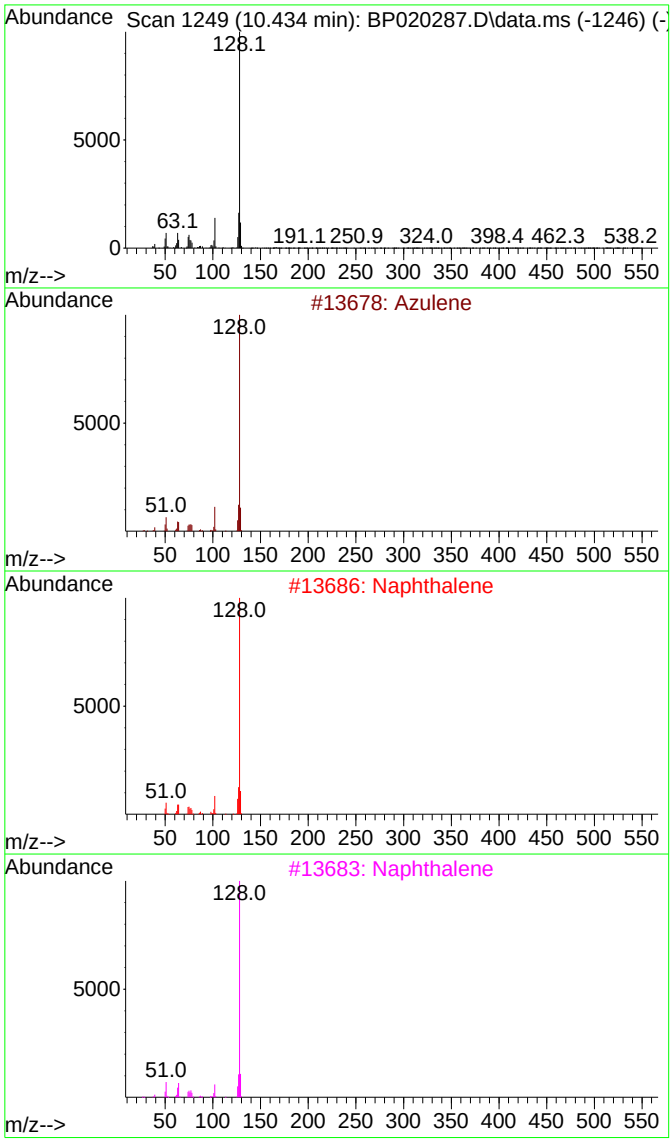
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

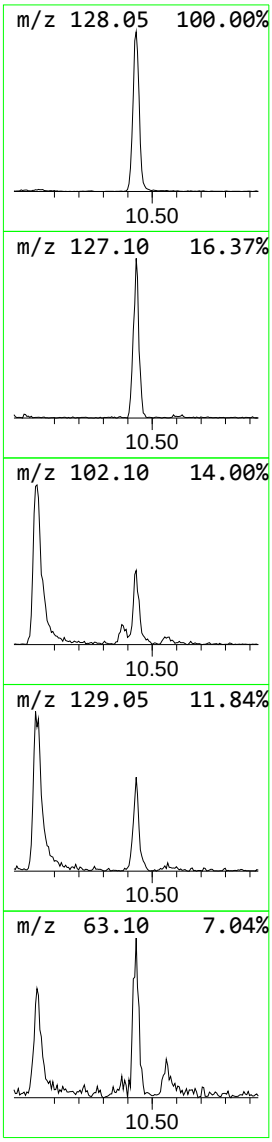
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Azulene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.434 | 3.01 ng/ul | 111299 | Naphthalene-d8 | 10.381 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |
| 2 | Naphthalene | 128 | C10H8 | 000091-20-3 | 90 |
| 3 | Naphthalene | 128 | C10H8 | 000091-20-3 | 87 |
| 4 | Naphthalene | 128 | C10H8 | 000091-20-3 | 87 |
| 5 | Naphthalene | 128 | C10H8 | 000091-20-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

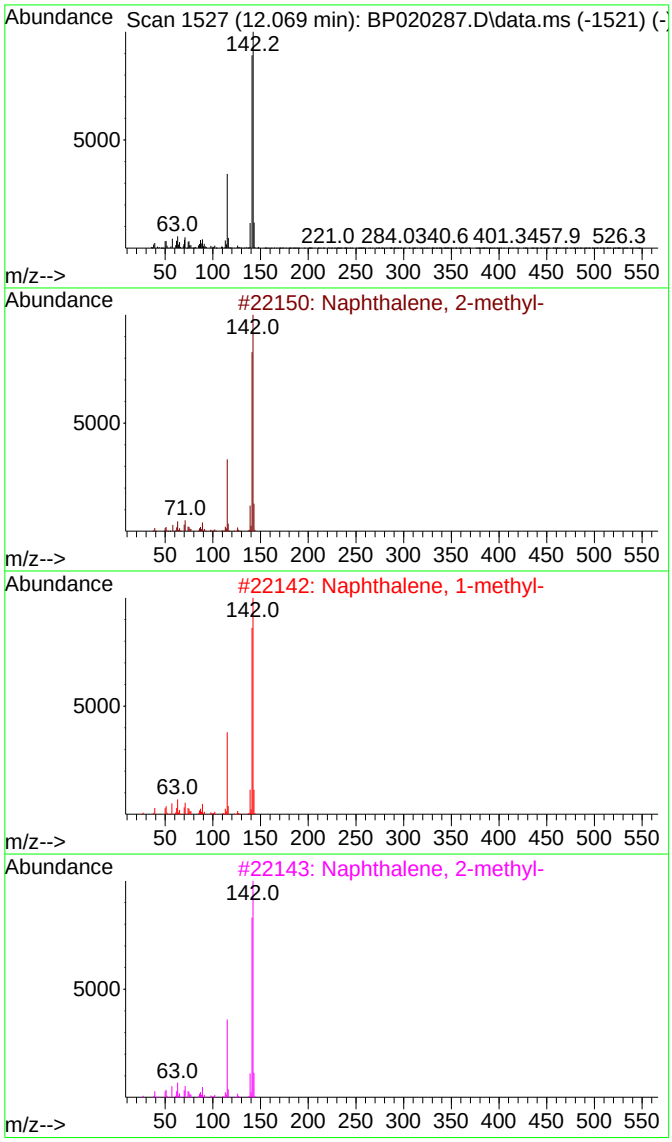
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

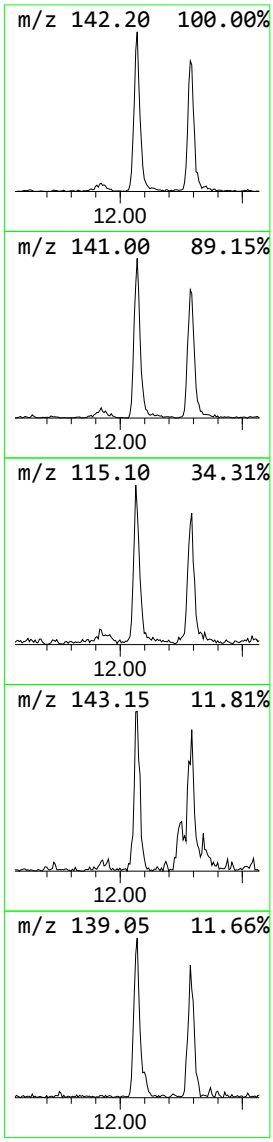
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Naphthalene, 2-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.069 | 2.07 ng/ul | 76475 | Naphthalene-d8 | 10.381 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 95 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 95 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 94 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 91 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

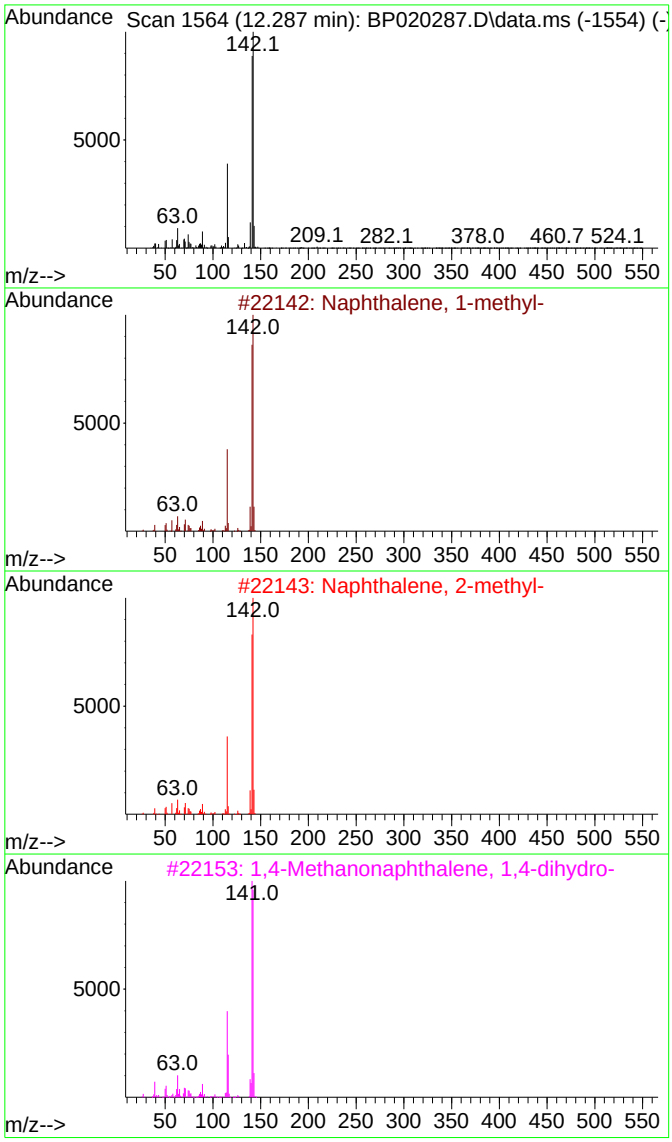
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

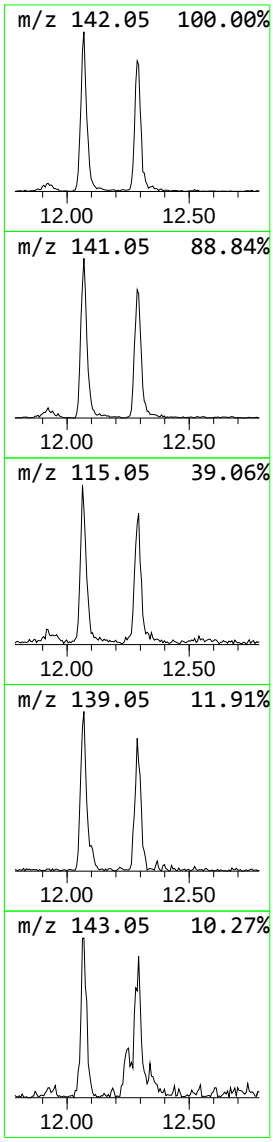
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.287 | 2.00 ng/ul | 74128 | Naphthalene-d8 | 10.381 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 94 |
| 3 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 94 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 91 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

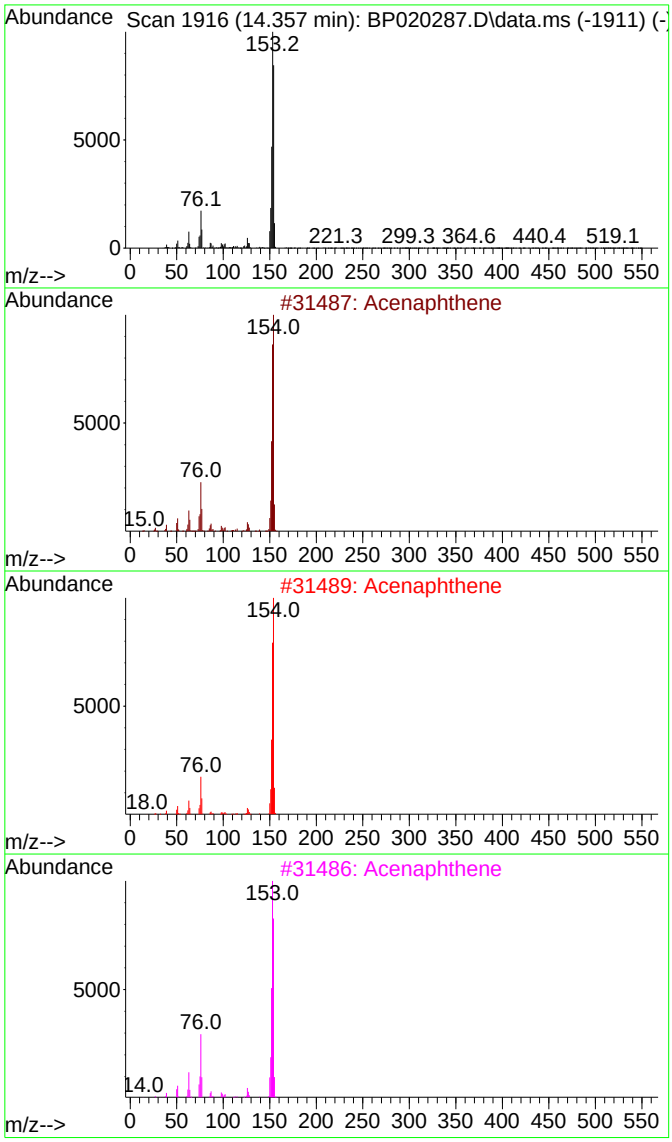
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

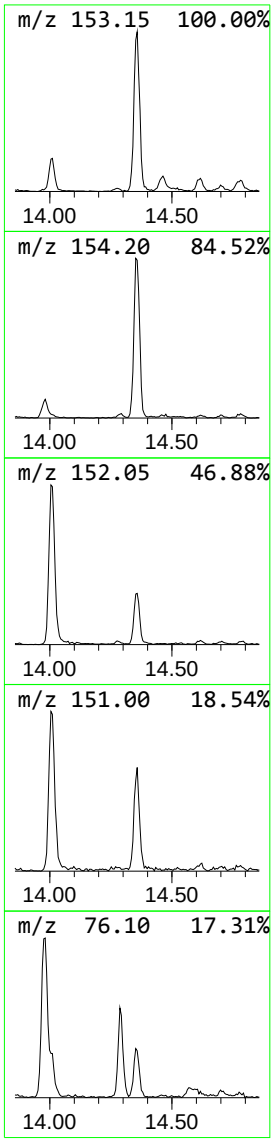
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Acena phthene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.357 | 3.65 ng/ul | 186950 | Acenaphthene-d10 | 14.287 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 83 |
| 2 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 81 |
| 3 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 76 |
| 4 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 64 |
| 5 | Naphthalene, 2-ethenyl- | 154 | C12H10 | 000827-54-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

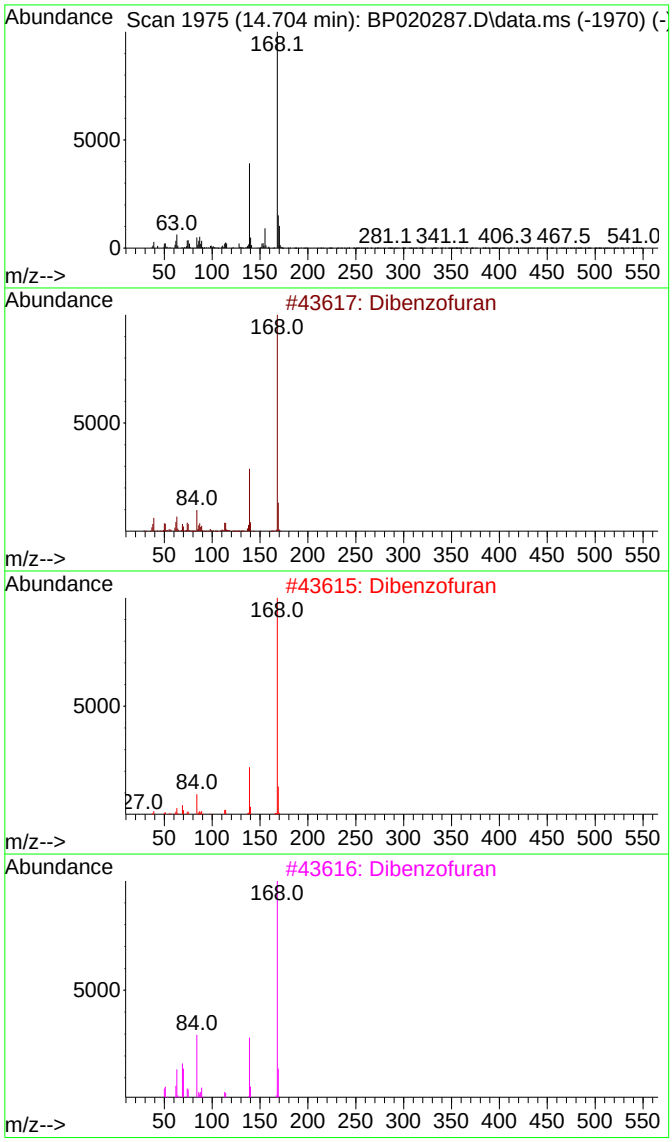
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

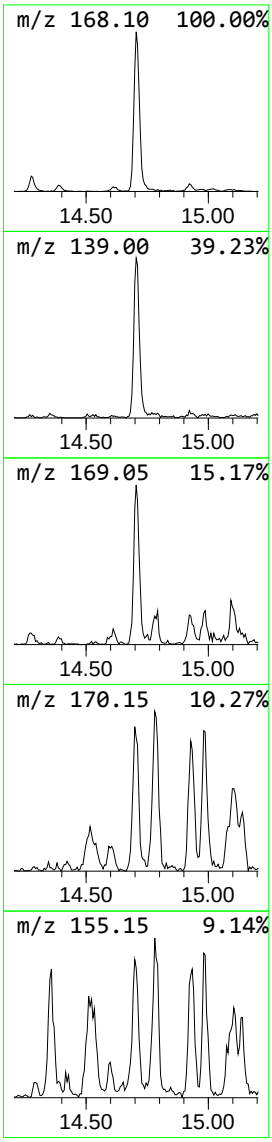
**********

Peak Number 6 Dibenzo furan Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.704 | 4.01 ng/ul | 205584 | Acenaphthene-d10 | 14.287 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 80 |
| 2 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 53 |
| 3 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 50 |
| 4 | 2-Amino-6-fluorobenzothiazole | 168 | C7H5FN2S | 000348-40-3 | 47 |
| 5 | Thiazolo[3,2-c]pyrimidin-4-ium, ... | 168 | C7H8N2OS | 024614-07-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

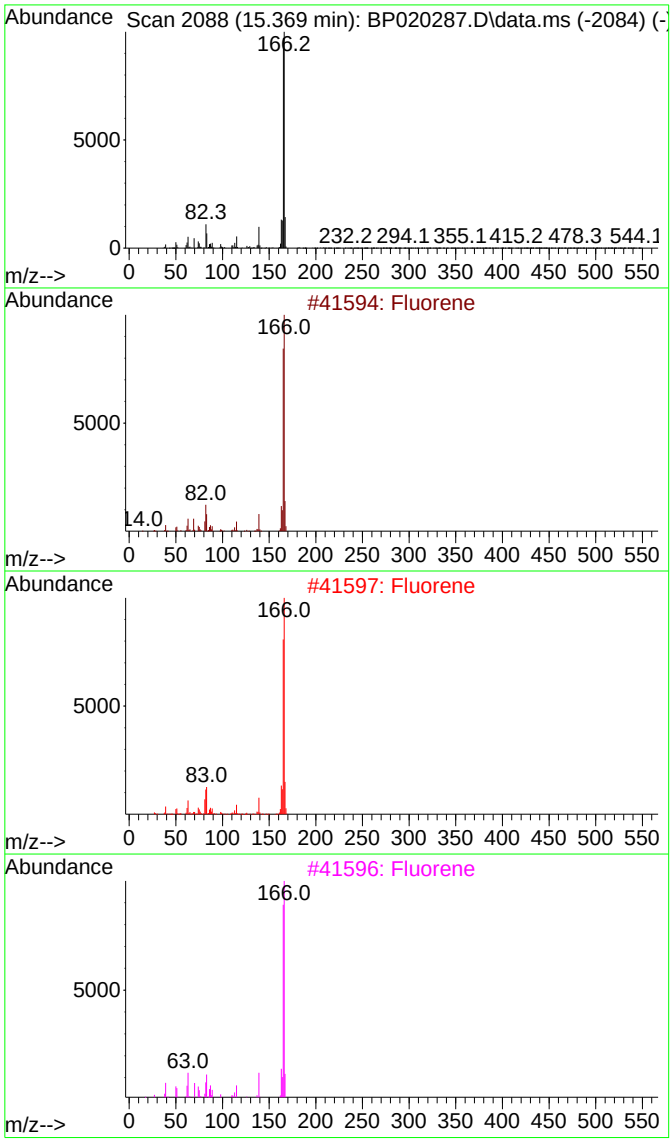
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

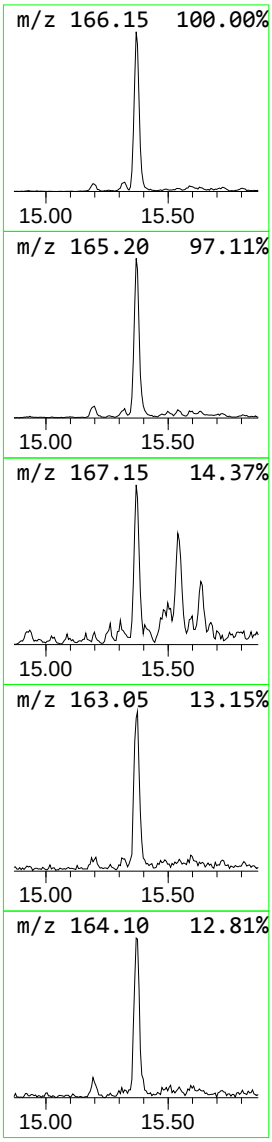
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Fluo rene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.369 | 5.29 ng/ul | 271180 | Acenaphthene-d10 | 14.287 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluorene | 166 | C13H10 | 000086-73-7 | 95 |
| 2 | Fluorene | 166 | C13H10 | 000086-73-7 | 94 |
| 3 | Fluorene | 166 | C13H10 | 000086-73-7 | 91 |
| 4 | Benzene, 1,1'-(diazomethylene)bis- | 194 | C13H10N2 | 000883-40-9 | 83 |
| 5 | Fluorene-9-methanol | 196 | C14H12O | 024324-17-2 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

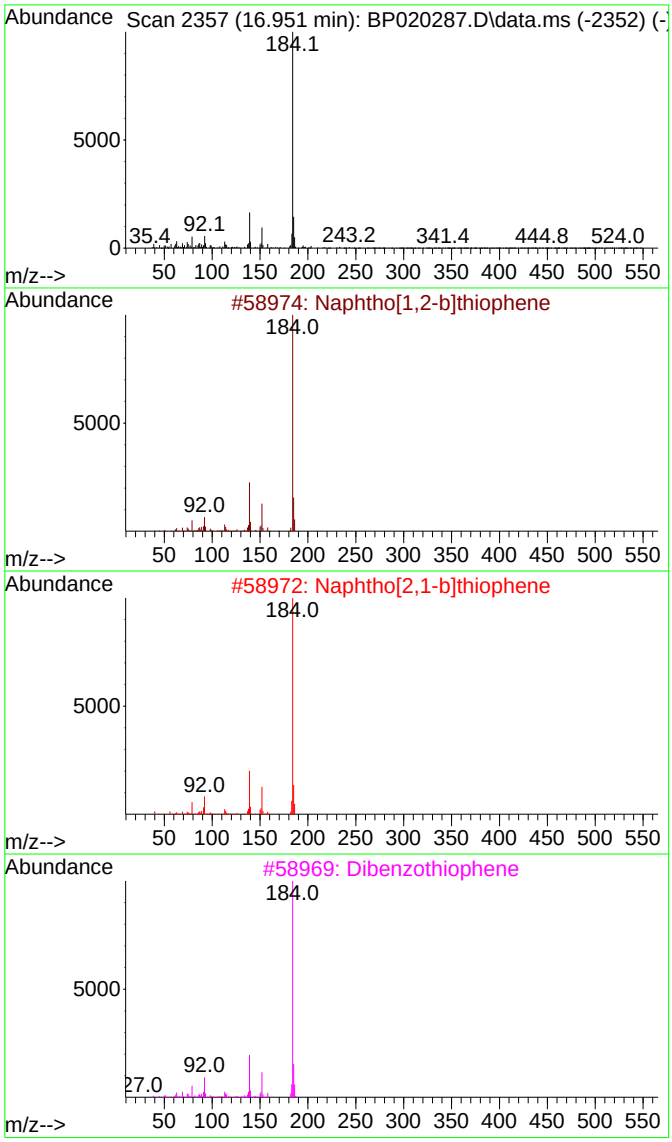
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

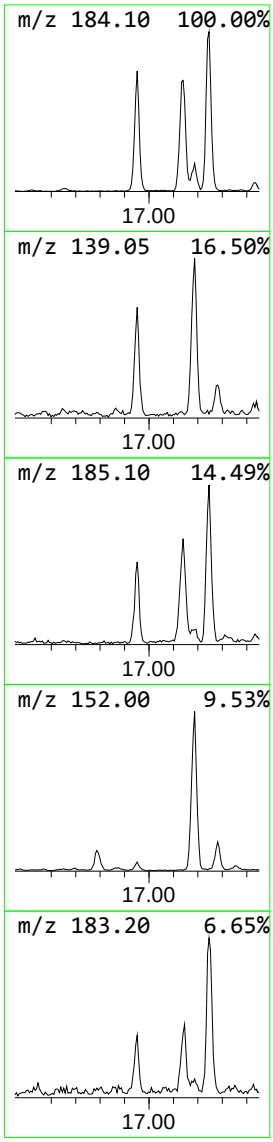
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.951 | 2.91 ng/ul | 179188 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 97 |
| 2 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 97 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 95 |
| 4 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 95 |
| 5 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

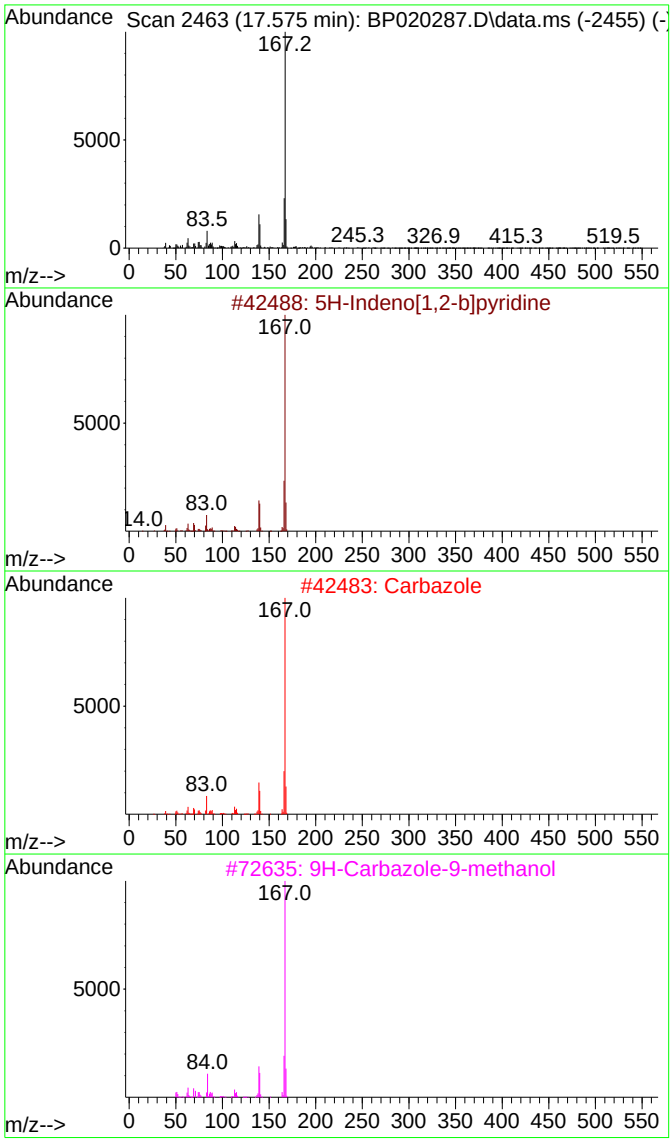
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

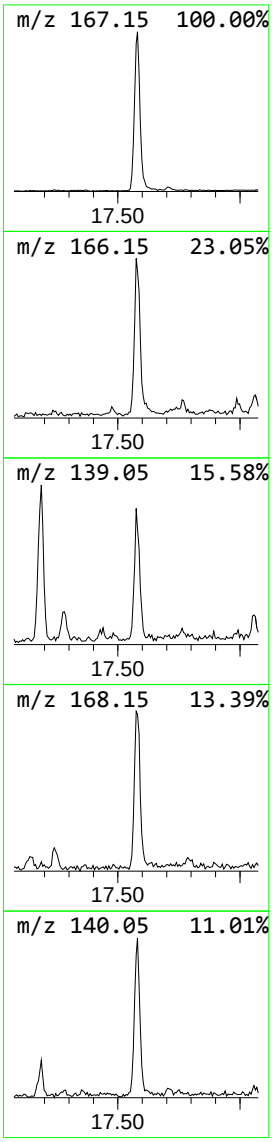
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 5H-Indeno[1,2-b]pyridine Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.575 | 5.98 ng/ul | 368270 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 94 |
| 2 | Carbazole | 167 | C12H9N | 000086-74-8 | 94 |
| 3 | 9H-Carbazole-9-methanol | 197 | C13H11NO | 002409-36-1 | 87 |
| 4 | Carbazole | 167 | C12H9N | 000086-74-8 | 87 |
| 5 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

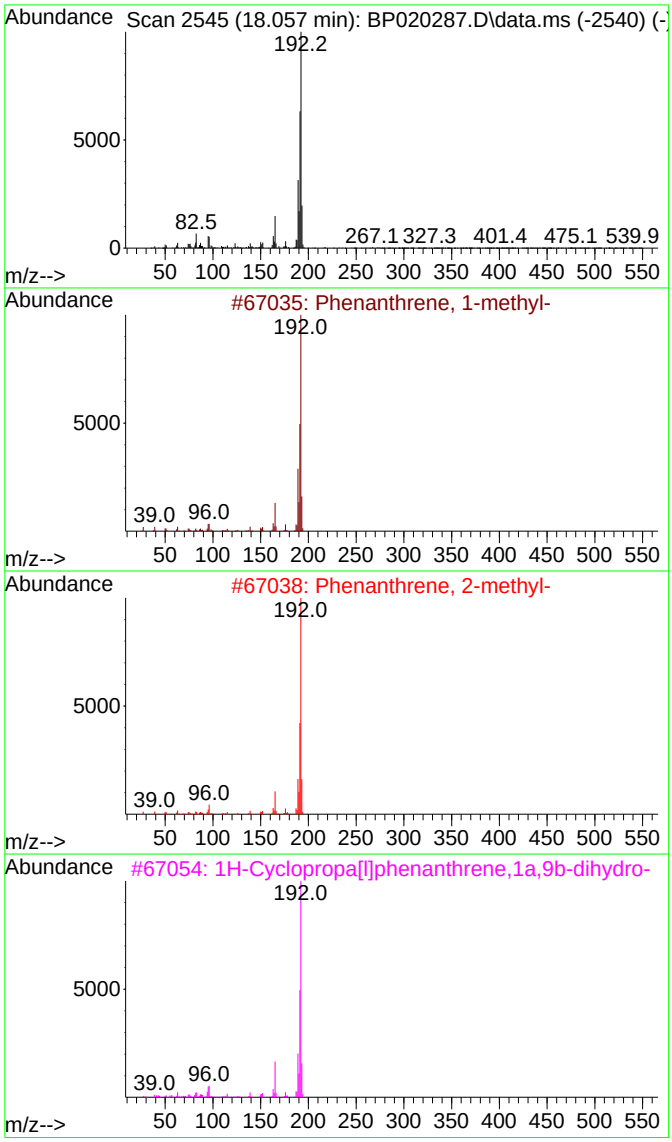
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

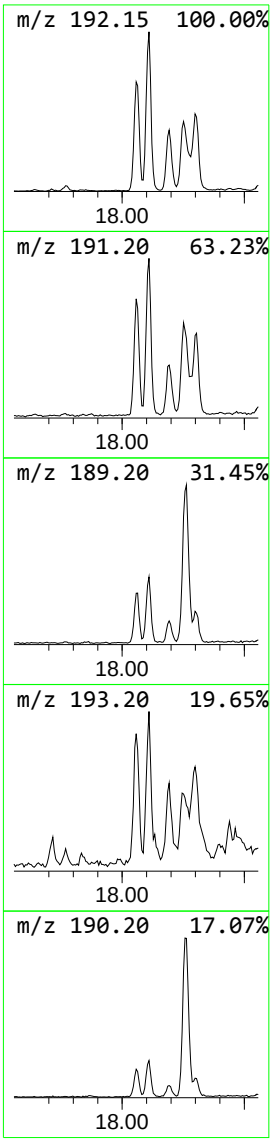
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.057 | 5.28 ng/ul | 325124 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

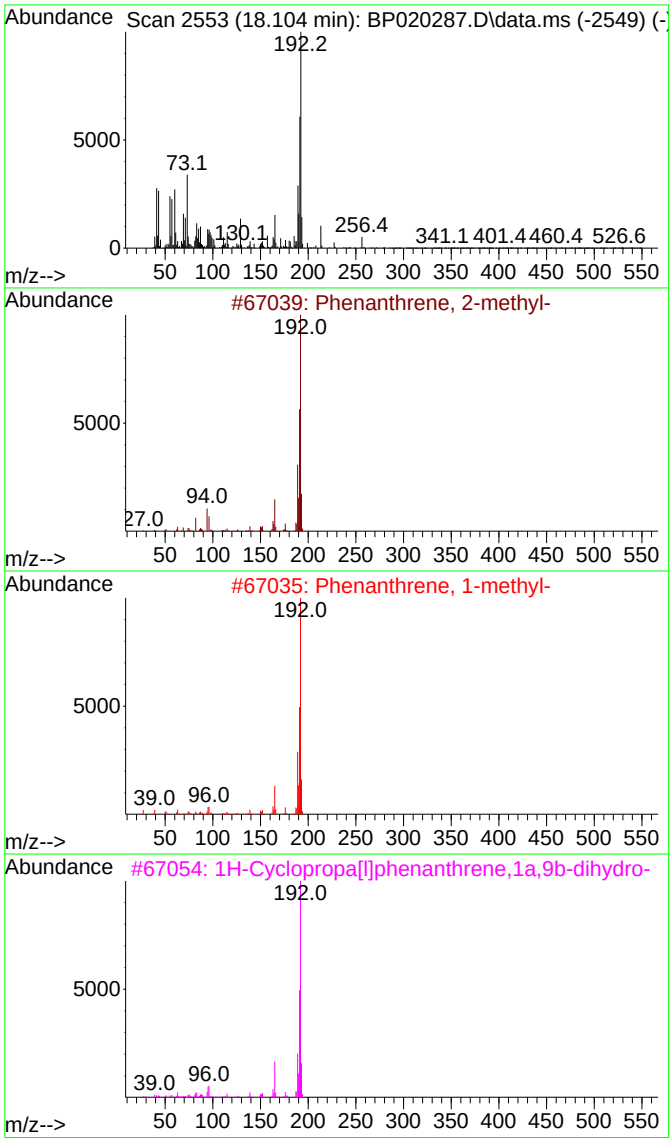
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

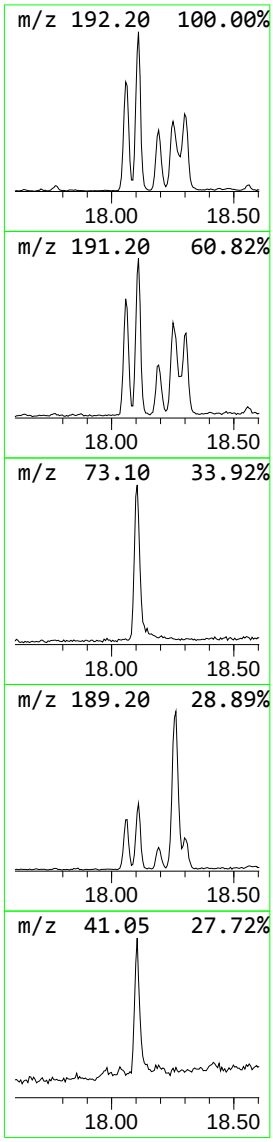
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.104 | 13.93 ng/ul | 857640 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 5 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

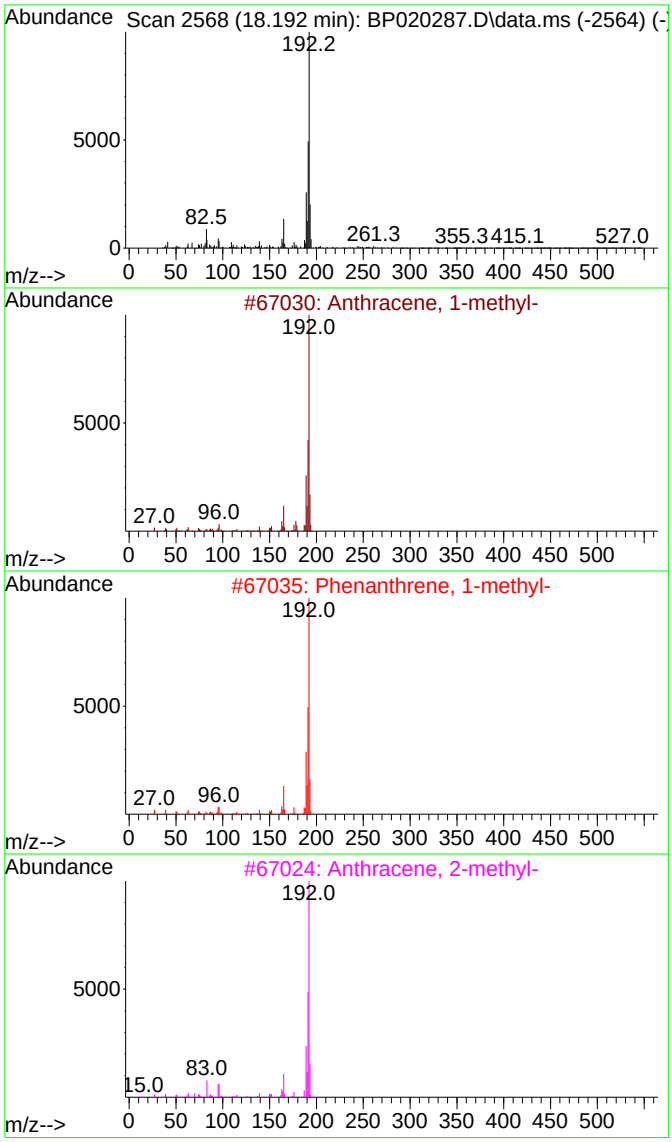
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

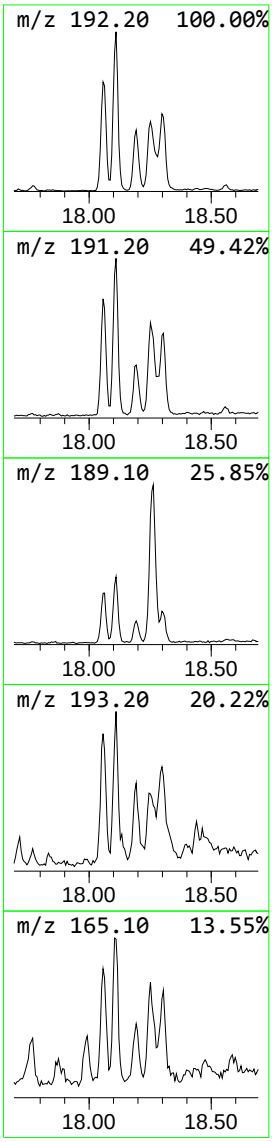
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.192 | 2.47 ng/ul | 152035 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 91 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 91 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

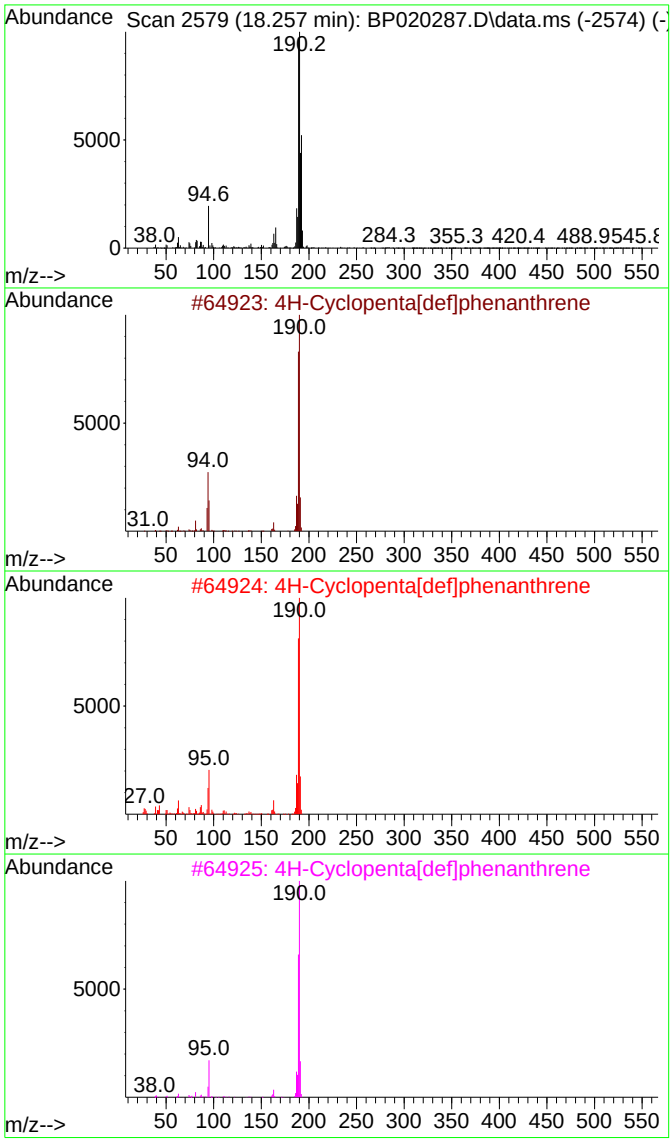
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

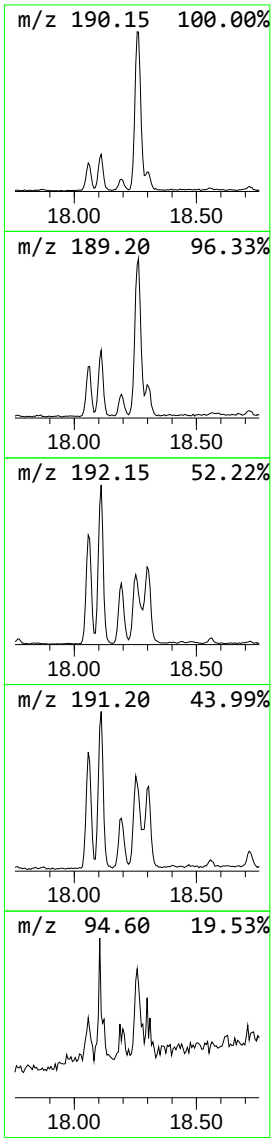
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.257 | 8.61 ng/ul | 529897 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 52 |
| 4 | 4,6-Dichloro-2-ethylpyrimidin-5-... | 191 | C6H7Cl2N3 | 006237-96-3 | 43 |
| 5 | 2-Amino-4,6-dichloropyrimidine-5... | 191 | C5H3Cl2N3O | 005604-46-6 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

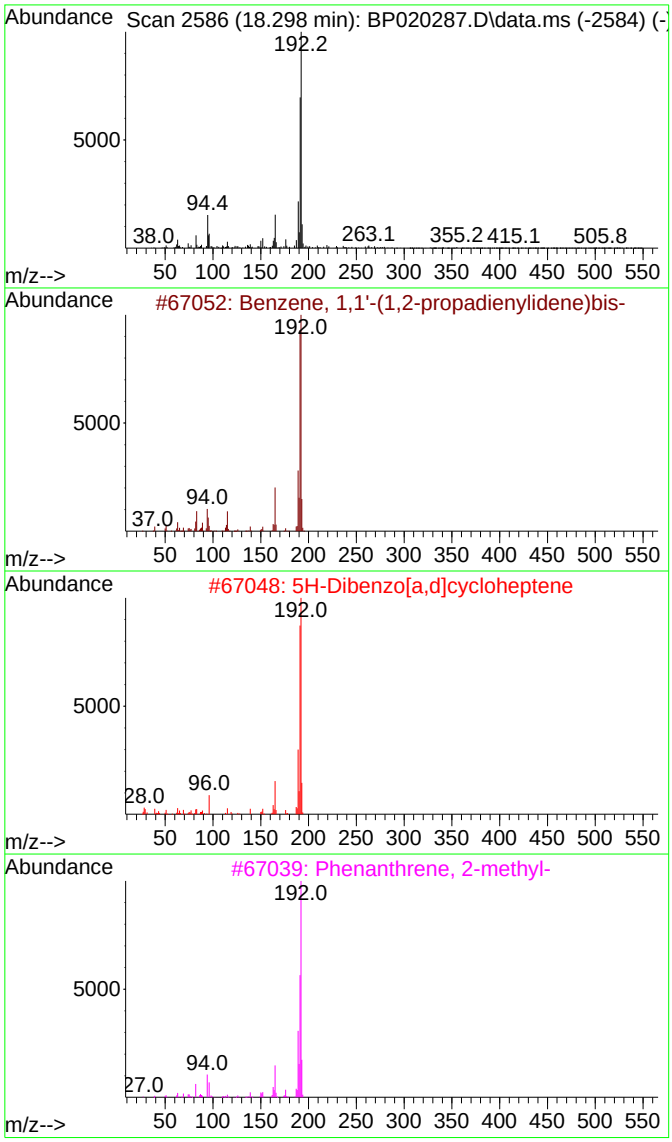
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

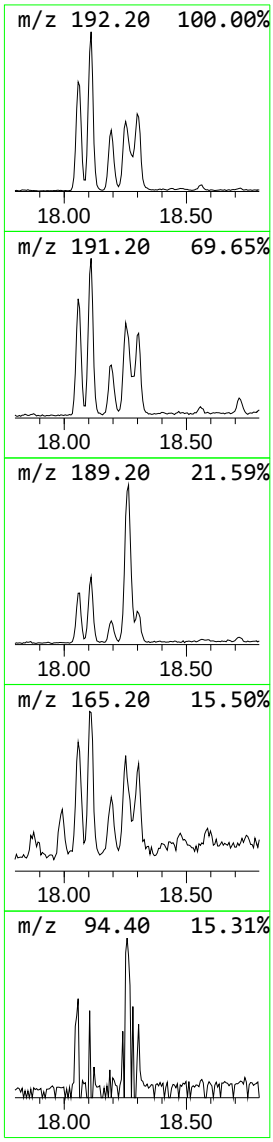
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1,1'-(1,2-propadie... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.298 | 2.91 ng/ul | 179268 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,1'-(1,2-propadienylid... | 192 | C15H12 | 014251-57-1 | 81 |
| 2 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 81 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 76 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 76 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

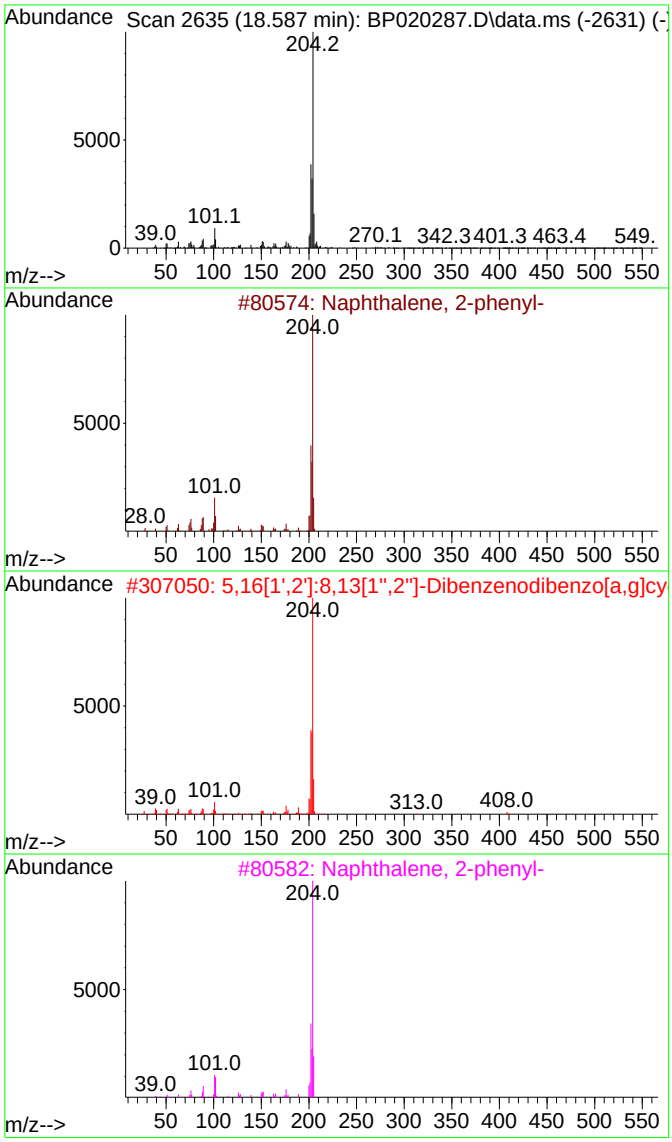
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

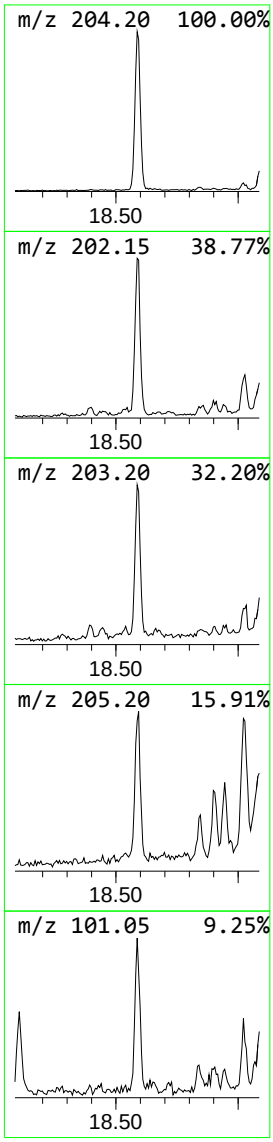
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.587 | 3.75 ng/ul | 230798 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 90 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 83 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |
| 5 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

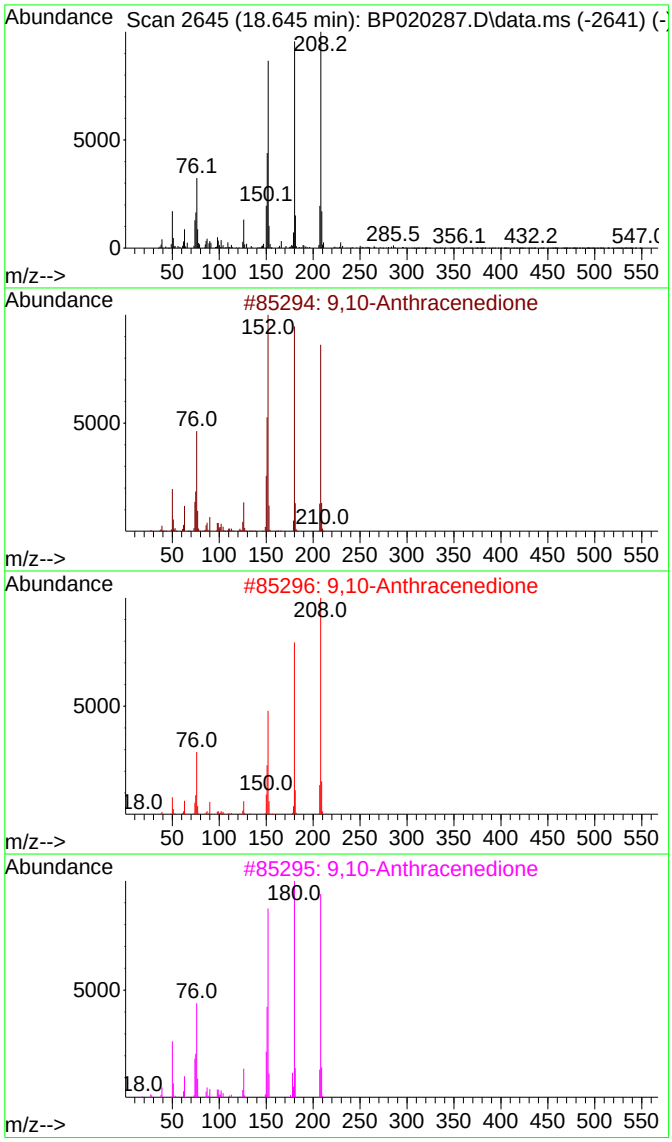
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

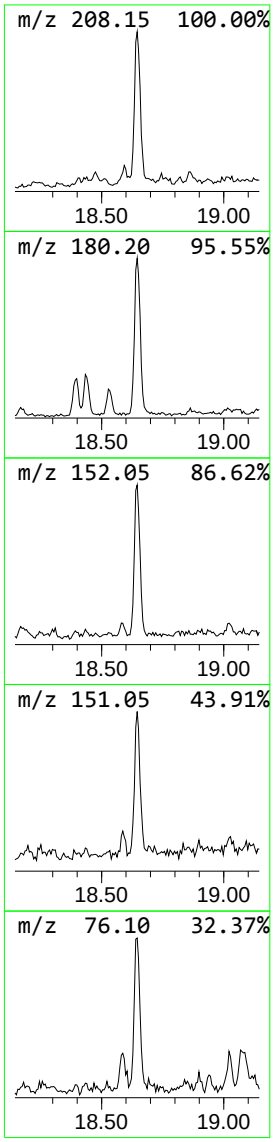
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 9,10-Anthracenedione Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.645 | 3.64 ng/ul | 224312 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 97 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 96 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 5 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

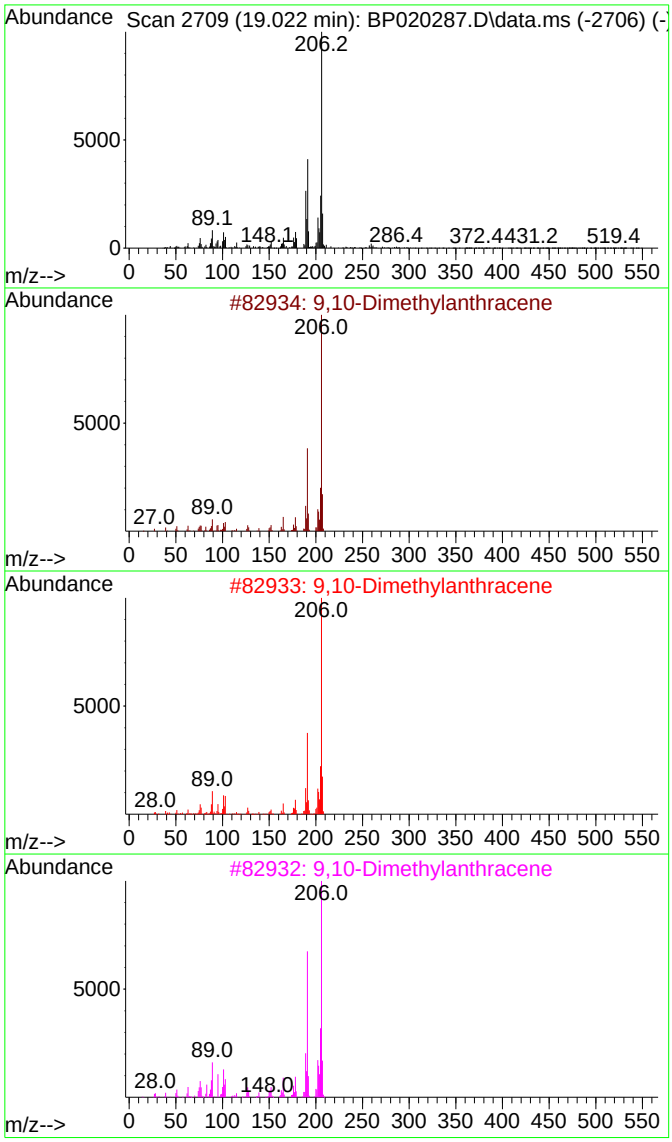
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

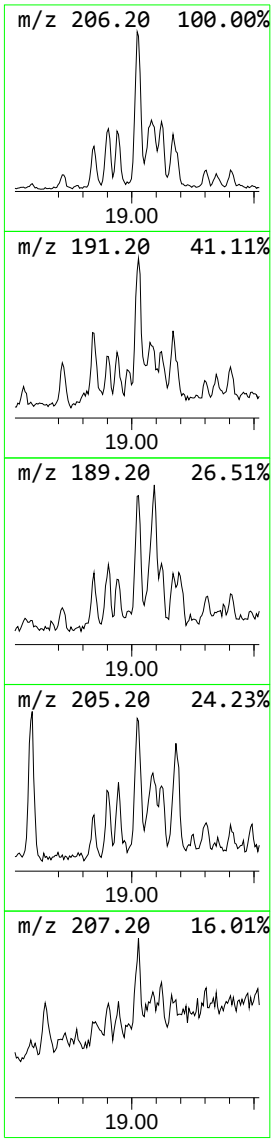
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.022 | 3.00 ng/ul | 184475 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 96 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 95 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 94 |
| 4 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

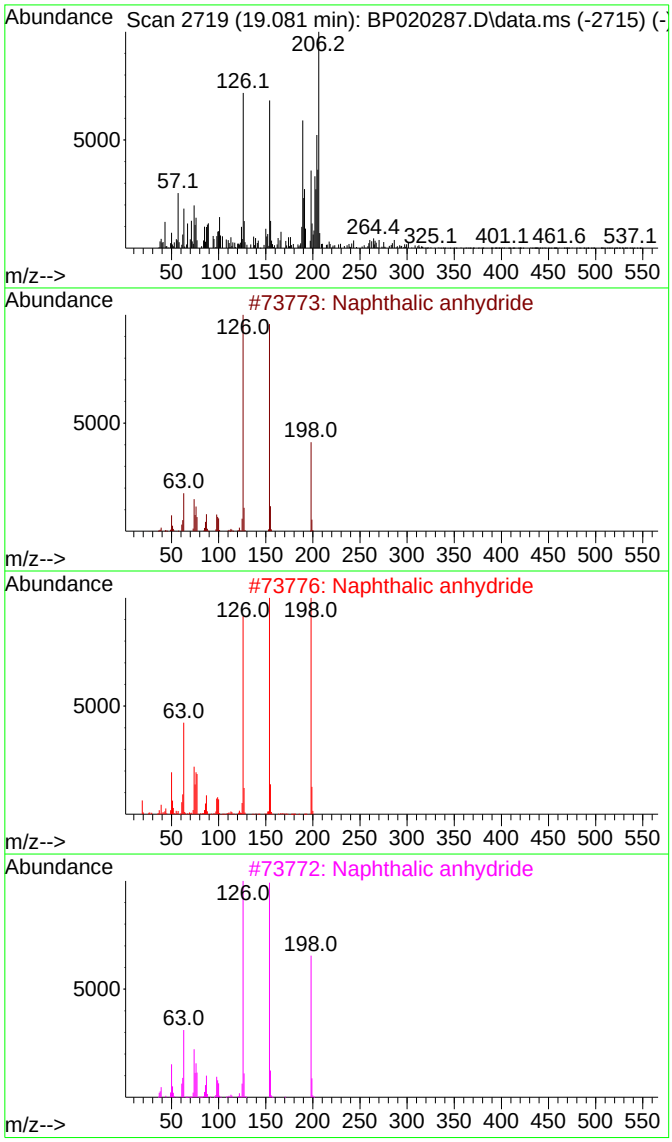
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

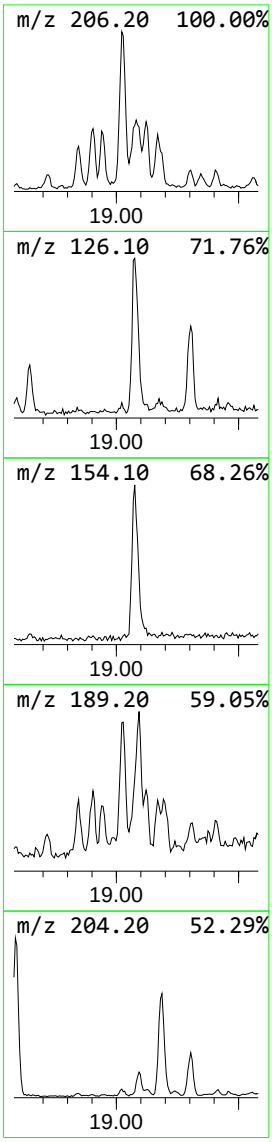
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Naphthalic anhydride Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.081 | 2.79 ng/ul | 171638 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalic anhydride | 198 | C12H6O3 | 000081-84-5 | 91 |
| 2 | Naphthalic anhydride | 198 | C12H6O3 | 000081-84-5 | 66 |
| 3 | Naphthalic anhydride | 198 | C12H6O3 | 000081-84-5 | 62 |
| 4 | Naphthalic anhydride | 198 | C12H6O3 | 000081-84-5 | 49 |
| 5 | Naphthalic anhydride | 198 | C12H6O3 | 000081-84-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

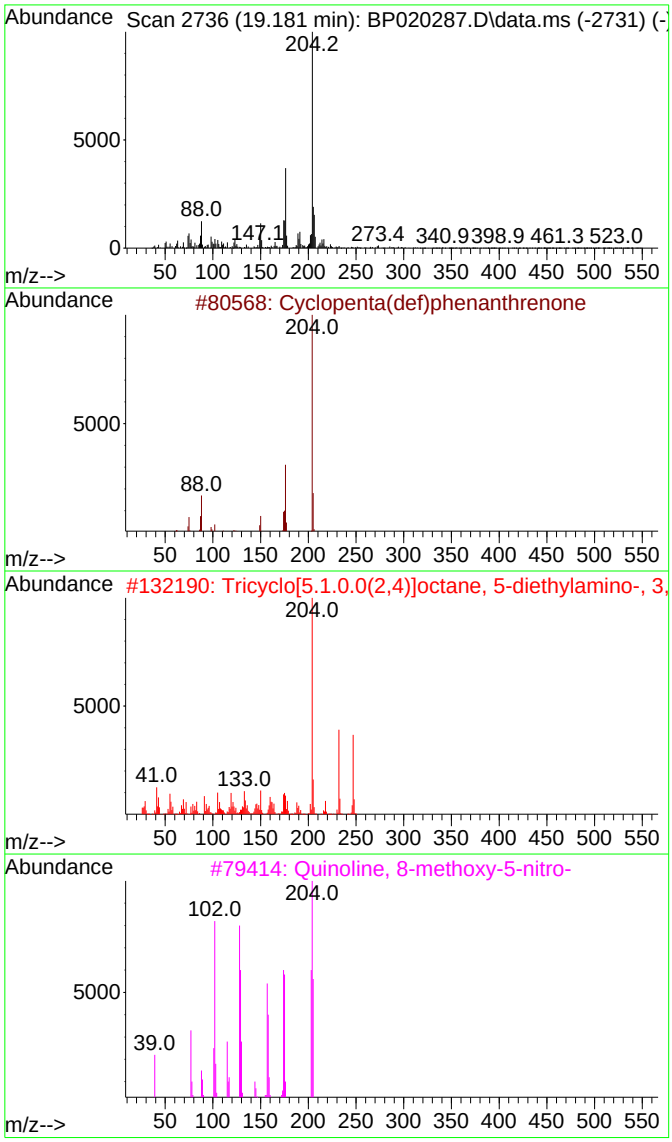
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

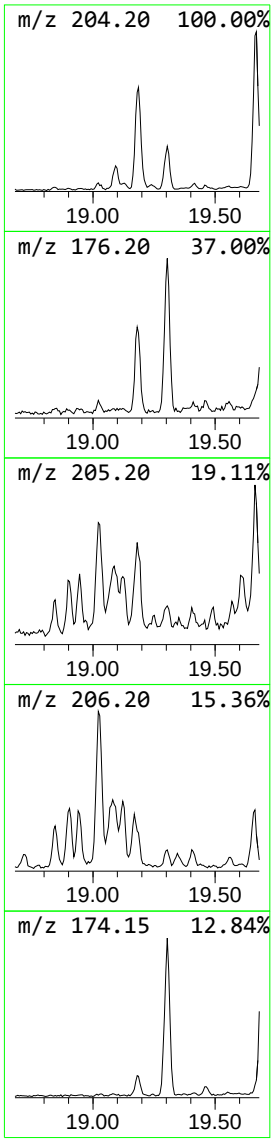
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.181 | 5.91 ng/ul | 363818 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 91 |
| 2 | Tricyclo[5.1.0.0(2,4)]octane, 5-... | 247 | C17H29N | 1000063-59-3 | 59 |
| 3 | Quinoline, 8-methoxy-5-nitro- | 204 | C10H8N2O3 | 1000298-88-7 | 49 |
| 4 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 49 |
| 5 | 2-t-Butyl-thiazolidine-3,4-dicar... | 261 | C11H19NO4S | 1000192-60-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

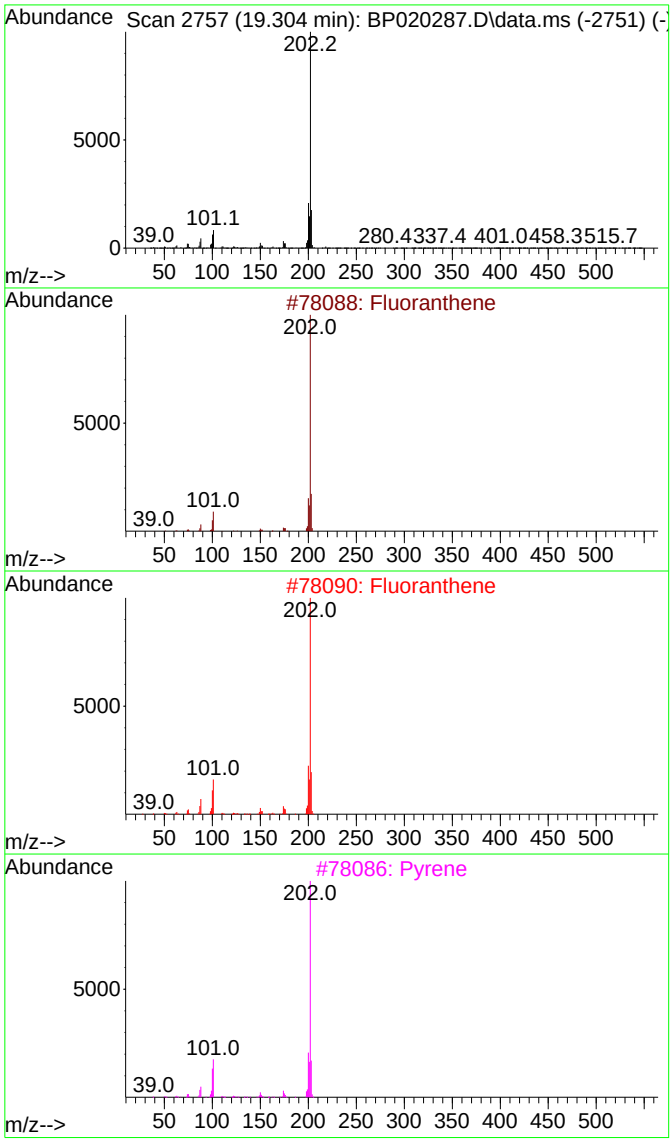
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

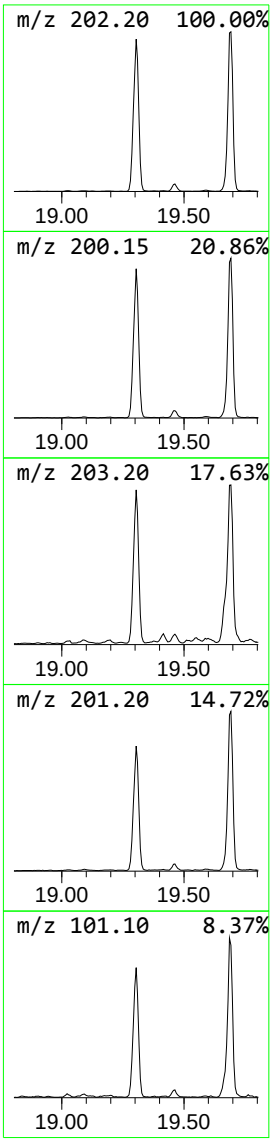
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Fluoran thene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.304 | 61.01 ng/ul | 3756410 | Phenanthrene-d10 | 17.140 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene | 202 | C16H10 | 000206-44-0 | 96 |
| 2 | Fluoranthene | 202 | C16H10 | 000206-44-0 | 95 |
| 3 | Pyrene | 202 | C16H10 | 000129-00-0 | 89 |
| 4 | Pyrene | 202 | C16H10 | 000129-00-0 | 87 |
| 5 | Pyrene | 202 | C16H10 | 000129-00-0 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

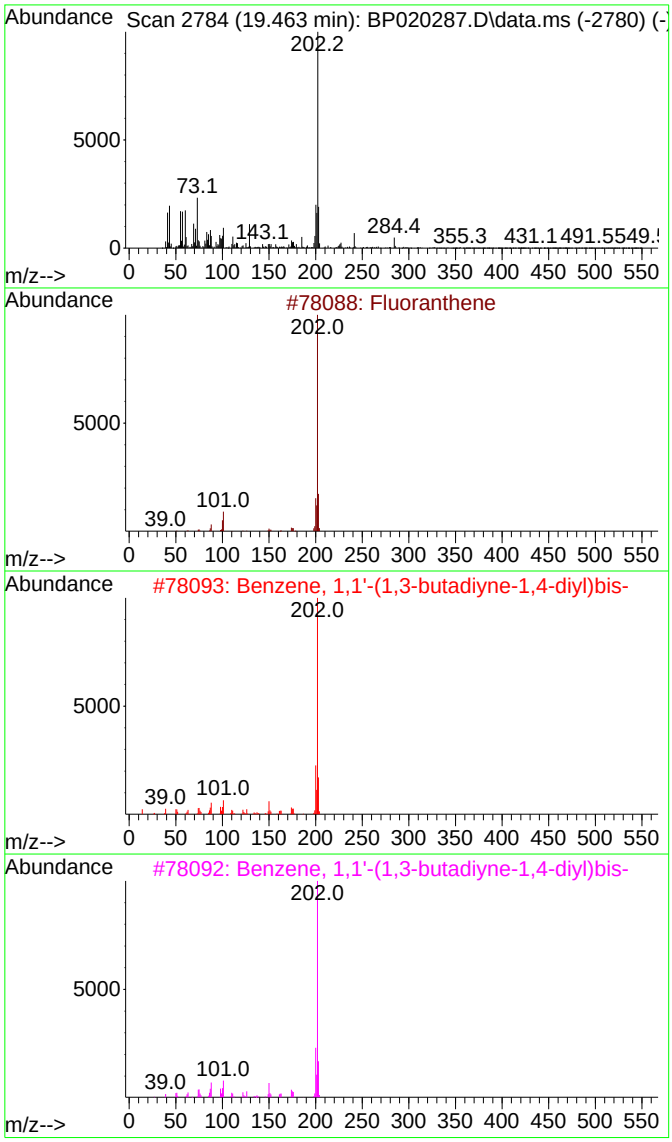
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

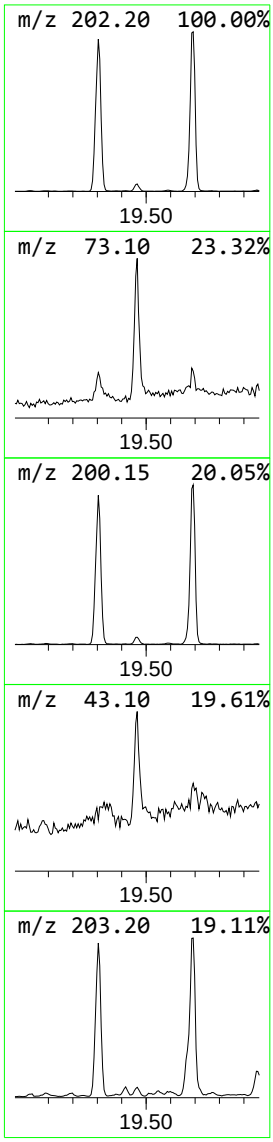
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.463 | 2.20 ng/ul | 366956 | Chrysene-d12 | 21.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene | 202 | C16H10 | 000206-44-0 | 91 |
| 2 | Benzene, 1,1'-(1,3-butadiyne-1,4... | 202 | C16H10 | 000886-66-8 | 60 |
| 3 | Benzene, 1,1'-(1,3-butadiyne-1,4... | 202 | C16H10 | 000886-66-8 | 60 |
| 4 | Pyrene | 202 | C16H10 | 000129-00-0 | 58 |
| 5 | Fluoranthene | 202 | C16H10 | 000206-44-0 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

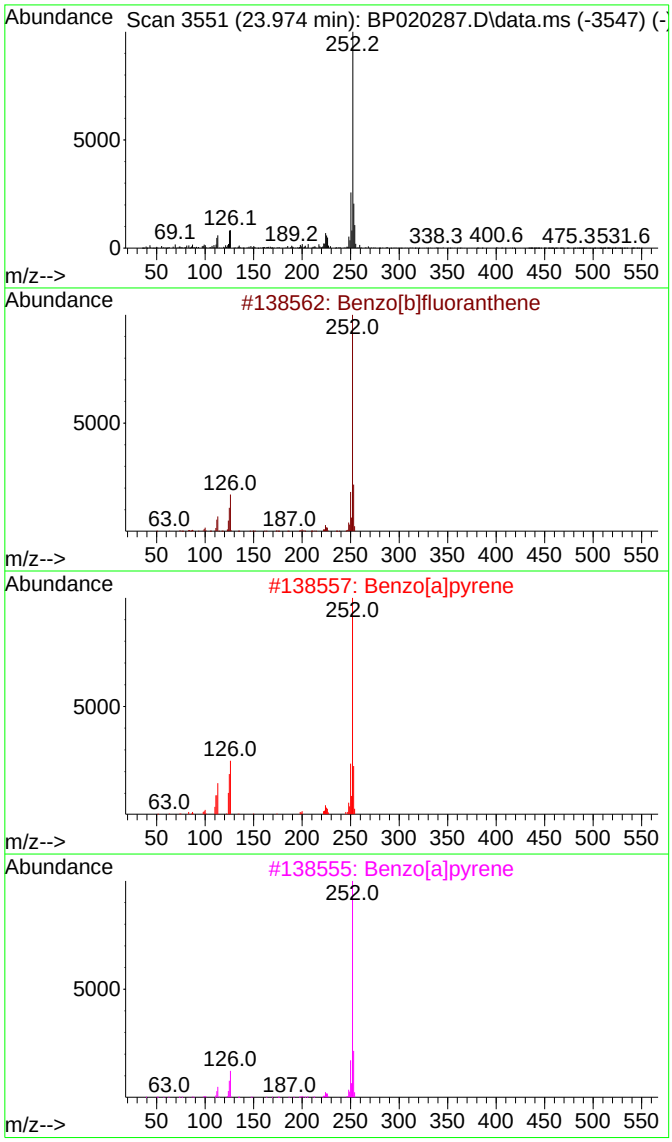
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

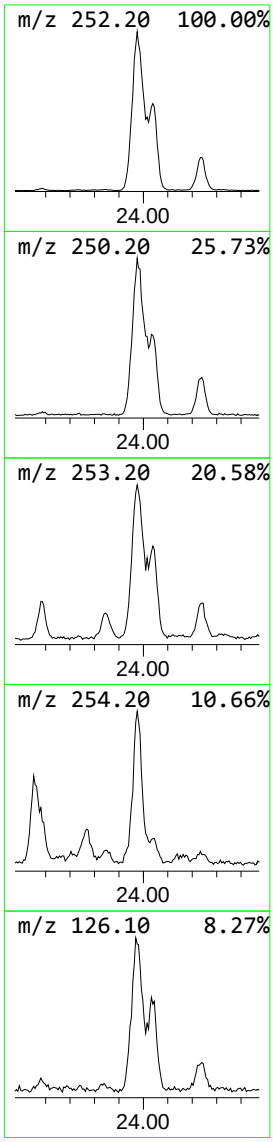
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzo[b]fluoranthene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.974 | 14.73 ng/ul | 808509 | Perylene-d12 | 25.027 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 89 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 81 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 81 |
| 4 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 76 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

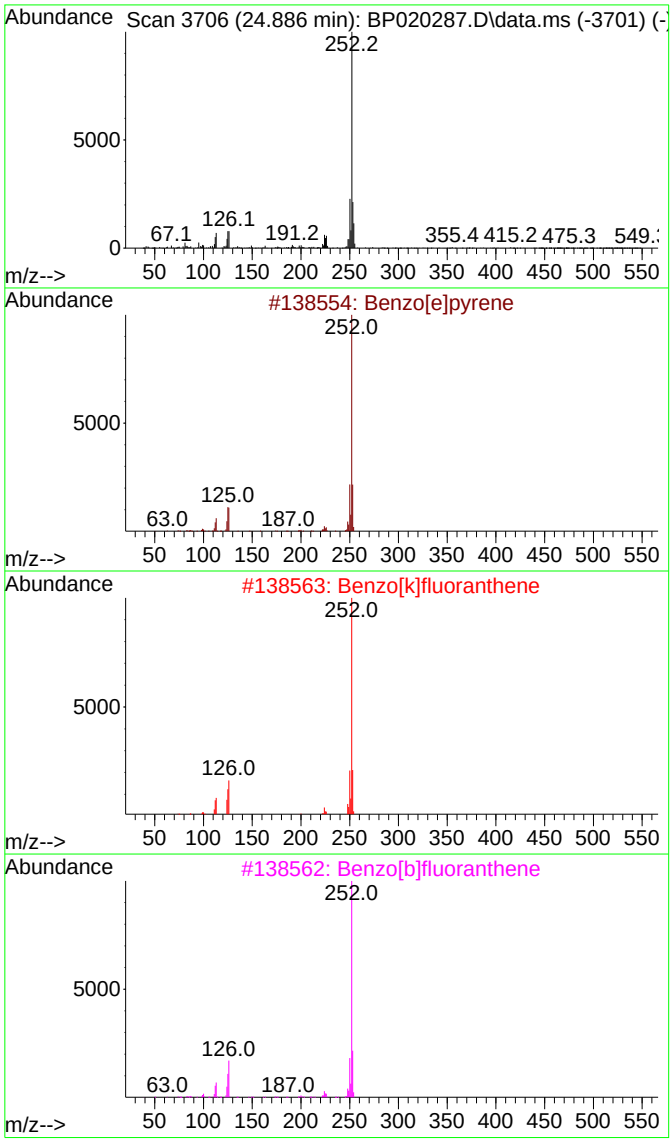
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

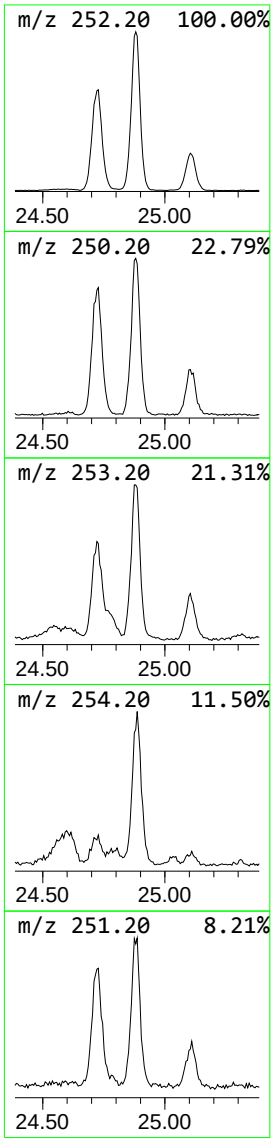
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzo[e]pyrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.886 | 23.95 ng/ul | 1314590 | Perylene-d12 | 25.027 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 95 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 89 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 81 |
| 5 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 76 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020287.D
Acq On : 10 May 2024 11:53
Operator : MA/JU
Sample : P2370-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A43Q0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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 |
| Aceto phenone | 8.446 | 5.0 | ng/ul | 130904 | 1 | 7.605 | 528741 | 20.0 |
| Azulene | 10.434 | 3.0 | ng/ul | 111299 | 2 | 10.381 | 739818 | 20.0 |
| Naphthalene, 2-... | 12.069 | 2.1 | ng/ul | 76475 | 2 | 10.381 | 739818 | 20.0 |
| Naphthalene, 1-... | 12.287 | 2.0 | ng/ul | 74128 | 2 | 10.381 | 739818 | 20.0 |
| Acena phthene | 14.357 | 3.6 | ng/ul | 186950 | 3 | 14.287 | 1024730 | 20.0 |
| Dibenzo furan | 14.704 | 4.0 | ng/ul | 205584 | 3 | 14.287 | 1024730 | 20.0 |
| Fluo rene | 15.369 | 5.3 | ng/ul | 271180 | 3 | 14.287 | 1024730 | 20.0 |
| Naphtho[1,2-b]t... | 16.951 | 2.9 | ng/ul | 179188 | 4 | 17.140 | 1231460 | 20.0 |
| 5H-Indeno[1,2-b... | 17.575 | 6.0 | ng/ul | 368270 | 4 | 17.140 | 1231460 | 20.0 |
| Phenanthrene, 1... | 18.057 | 5.3 | ng/ul | 325124 | 4 | 17.140 | 1231460 | 20.0 |
| Phenanthrene, 2... | 18.104 | 13.9 | ng/ul | 857640 | 4 | 17.140 | 1231460 | 20.0 |
| Anthracene, 1-m... | 18.192 | 2.5 | ng/ul | 152035 | 4 | 17.140 | 1231460 | 20.0 |
| 4H-Cyclopenta[d... | 18.257 | 8.6 | ng/ul | 529897 | 4 | 17.140 | 1231460 | 20.0 |
| Benzene, 1,1'-(... | 18.298 | 2.9 | ng/ul | 179268 | 4 | 17.140 | 1231460 | 20.0 |
| Naphthalene, 2-... | 18.587 | 3.8 | ng/ul | 230798 | 4 | 17.140 | 1231460 | 20.0 |
| 9,10-Anthracene... | 18.645 | 3.6 | ng/ul | 224312 | 4 | 17.140 | 1231460 | 20.0 |
| 9,10-Dimethylan... | 19.022 | 3.0 | ng/ul | 184475 | 4 | 17.140 | 1231460 | 20.0 |
| Naphthalic anhy... | 19.081 | 2.8 | ng/ul | 171638 | 4 | 17.140 | 1231460 | 20.0 |
| Cyclopenta(def)... | 19.181 | 5.9 | ng/ul | 363818 | 4 | 17.140 | 1231460 | 20.0 |
| Fluoran thene | 19.304 | 61.0 | ng/ul | 3756410 | 4 | 17.140 | 1231460 | 20.0 |
| Benzene, 1,1'-(... | 19.463 | 2.2 | ng/ul | 366956 | 5 | 21.651 | 3334850 | 20.0 |
| Benzo[b]fluoran... | 23.974 | 14.7 | ng/ul | 808509 | 6 | 25.027 | 1097670 | 20.0 |
| Benzo[e]pyrene | 24.886 | 23.9 | ng/ul | 1314590 | 6 | 25.027 | 1097670 | 20.0 |