LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022853.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.599 | 100 | 104 | 116 | rBV | 76653 | 137184 | 4.04% | 0.343% |
| 2 | 6.005 | 508 | 513 | 518 | rBV4 | 14771 | 22248 | 0.65% | 0.056% |
| 3 | 6.822 | 637 | 652 | 670 | rBV | 170499 | 359525 | 10.58% | 0.899% |
| 4 | 6.975 | 670 | 678 | 686 | rVV | 129957 | 212926 | 6.27% | 0.533% |
| 5 | 7.169 | 704 | 711 | 725 | rBV | 177502 | 309522 | 9.11% | 0.774% |
| 6 | 7.622 | 781 | 788 | 796 | rBV | 351531 | 592726 | 17.44% | 1.483% |
| 7 | 8.334 | 902 | 909 | 921 | rBV | 224713 | 400320 | 11.78% | 1.001% |
| 8 | 8.440 | 921 | 927 | 937 | rVB | 120984 | 209056 | 6.15% | 0.523% |
| 9 | 8.769 | 975 | 983 | 996 | rBV | 161439 | 306562 | 9.02% | 0.767% |
| 10 | 9.481 | 1095 | 1104 | 1114 | rBV | 146569 | 280982 | 8.27% | 0.703% |
| 11 | 9.693 | 1131 | 1140 | 1154 | rBV2 | 20962 | 66984 | 1.97% | 0.168% |
| 12 | 9.846 | 1160 | 1166 | 1172 | rBV2 | 10343 | 19274 | 0.57% | 0.048% |
| 13 | 10.022 | 1189 | 1196 | 1210 | rBV | 241389 | 469257 | 13.81% | 1.174% |
| 14 | 10.375 | 1248 | 1256 | 1263 | rBV | 491085 | 846730 | 24.92% | 2.118% |
| 15 | 10.428 | 1263 | 1265 | 1271 | rVB | 20547 | 29917 | 0.88% | 0.075% |
| 16 | 10.534 | 1276 | 1283 | 1302 | rVV | 106442 | 237182 | 6.98% | 0.593% |
| 17 | 12.046 | 1534 | 1540 | 1548 | rBV2 | 19150 | 33663 | 0.99% | 0.084% |
| 18 | 12.263 | 1569 | 1577 | 1585 | rVB | 17896 | 31112 | 0.92% | 0.078% |
| 19 | 13.551 | 1791 | 1796 | 1801 | rBV2 | 21118 | 37355 | 1.10% | 0.093% |
| 20 | 13.645 | 1801 | 1812 | 1823 | rVB | 455454 | 772200 | 22.73% | 1.932% |
| 21 | 13.928 | 1854 | 1860 | 1871 | rBV | 593674 | 887548 | 26.12% | 2.220% |
| 22 | 14.245 | 1904 | 1914 | 1919 | rBV | 953047 | 1337859 | 39.37% | 3.347% |
| 23 | 14.304 | 1919 | 1924 | 1931 | rVB | 109210 | 167534 | 4.93% | 0.419% |
| 24 | 14.369 | 1931 | 1935 | 1945 | rVB3 | 16893 | 33781 | 0.99% | 0.085% |
| 25 | 14.516 | 1954 | 1960 | 1967 | rBV | 126898 | 267770 | 7.88% | 0.670% |
| 26 | 14.651 | 1977 | 1983 | 1990 | rBV | 83697 | 134325 | 3.95% | 0.336% |
| 27 | 15.045 | 2042 | 2050 | 2053 | rBV6 | 9744 | 21147 | 0.62% | 0.053% |
| 28 | 15.263 | 2081 | 2087 | 2091 | rVV | 952628 | 1197151 | 35.23% | 2.995% |
| 29 | 15.310 | 2091 | 2095 | 2100 | rVB | 141084 | 181340 | 5.34% | 0.454% |
| 30 | 15.410 | 2106 | 2112 | 2121 | rBV3 | 117399 | 237087 | 6.98% | 0.593% |
| 31 | 15.492 | 2121 | 2126 | 2128 | rVV4 | 24246 | 46363 | 1.36% | 0.116% |
| 32 | 15.528 | 2128 | 2132 | 2137 | rVV | 138449 | 184889 | 5.44% | 0.463% |
| 33 | 15.575 | 2137 | 2140 | 2142 | rVV2 | 20319 | 27914 | 0.82% | 0.070% |
| 34 | 15.628 | 2142 | 2149 | 2157 | rVB2 | 89378 | 184770 | 5.44% | 0.462% |
| 35 | 15.769 | 2168 | 2173 | 2183 | rVB | 39106 | 82406 | 2.43% | 0.206% |
| 36 | 15.863 | 2186 | 2189 | 2195 | rVB3 | 10760 | 19744 | 0.58% | 0.049% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

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-BP100724.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 16.004 | 2208 | 2213 | 2225 | rVB9 | 18365 | 45664 | 1.34% | 0.114% |
| 38 | 16.151 | 2232 | 2238 | 2242 | rBV4 | 15252 | 25028 | 0.74% | 0.063% |
| 39 | 16.269 | 2250 | 2258 | 2263 | rVV | 137398 | 198336 | 5.84% | 0.496% |
| 40 | 16.322 | 2263 | 2267 | 2268 | rVV2 | 29931 | 46232 | 1.36% | 0.116% |
| 41 | 16.339 | 2268 | 2270 | 2274 | rVV3 | 38511 | 47698 | 1.40% | 0.119% |
| 42 | 16.386 | 2274 | 2278 | 2284 | rVV3 | 18034 | 32992 | 0.97% | 0.083% |
| 43 | 16.581 | 2303 | 2311 | 2315 | rBV5 | 42744 | 85385 | 2.51% | 0.214% |
| 44 | 16.622 | 2315 | 2318 | 2321 | rVV3 | 27782 | 36159 | 1.06% | 0.090% |
| 45 | 16.698 | 2327 | 2331 | 2339 | rVB | 80647 | 121690 | 3.58% | 0.304% |
| 46 | 16.798 | 2339 | 2348 | 2353 | rBV4 | 49707 | 126789 | 3.73% | 0.317% |
| 47 | 16.869 | 2355 | 2360 | 2368 | rVB | 94921 | 140749 | 4.14% | 0.352% |
| 48 | 16.969 | 2373 | 2377 | 2381 | rVB | 46346 | 56142 | 1.65% | 0.140% |
| 49 | 17.045 | 2381 | 2390 | 2394 | rBV | 1305107 | 1869771 | 55.03% | 4.678% |
| 50 | 17.086 | 2394 | 2397 | 2403 | rVV | 1685699 | 2396204 | 70.52% | 5.994% |
| 51 | 17.151 | 2403 | 2408 | 2412 | rVV2 | 794318 | 1340880 | 39.46% | 3.354% |
| 52 | 17.192 | 2412 | 2415 | 2420 | rVV | 261936 | 404184 | 11.90% | 1.011% |
| 53 | 17.245 | 2420 | 2424 | 2432 | rVB5 | 31123 | 68935 | 2.03% | 0.172% |
| 54 | 17.469 | 2455 | 2462 | 2467 | rBV | 84626 | 168884 | 4.97% | 0.422% |
| 55 | 17.510 | 2467 | 2469 | 2473 | rVB5 | 15983 | 19649 | 0.58% | 0.049% |
| 56 | 17.592 | 2478 | 2483 | 2489 | rVV3 | 29381 | 63220 | 1.86% | 0.158% |
| 57 | 17.669 | 2490 | 2496 | 2504 | rVV6 | 55936 | 142089 | 4.18% | 0.355% |
| 58 | 17.786 | 2513 | 2516 | 2524 | rVB2 | 32166 | 55719 | 1.64% | 0.139% |
| 59 | 17.957 | 2536 | 2545 | 2548 | rBV | 229950 | 400248 | 11.78% | 1.001% |
| 60 | 18.010 | 2551 | 2554 | 2559 | rVV | 327204 | 467611 | 13.76% | 1.170% |
| 61 | 18.057 | 2559 | 2562 | 2564 | rVV | 27630 | 38175 | 1.12% | 0.096% |
| 62 | 18.092 | 2564 | 2568 | 2572 | rVV | 114234 | 150371 | 4.43% | 0.376% |
| 63 | 18.151 | 2572 | 2578 | 2582 | rVV2 | 312569 | 571408 | 16.82% | 1.429% |
| 64 | 18.186 | 2582 | 2584 | 2593 | rVB | 146175 | 219113 | 6.45% | 0.548% |
| 65 | 18.286 | 2595 | 2601 | 2604 | rBV6 | 20828 | 40825 | 1.20% | 0.102% |
| 66 | 18.339 | 2606 | 2610 | 2612 | rVV3 | 18784 | 23770 | 0.70% | 0.059% |
| 67 | 18.422 | 2622 | 2624 | 2628 | rBV4 | 16545 | 23703 | 0.70% | 0.059% |
| 68 | 18.475 | 2629 | 2633 | 2637 | rVV | 180840 | 223796 | 6.59% | 0.560% |
| 69 | 18.522 | 2637 | 2641 | 2645 | rVB | 198821 | 245361 | 7.22% | 0.614% |
| 70 | 18.745 | 2674 | 2679 | 2683 | rBV2 | 67990 | 112050 | 3.30% | 0.280% |
| 71 | 18.792 | 2683 | 2687 | 2689 | rBV | 52891 | 65931 | 1.94% | 0.165% |
| 72 | 18.904 | 2701 | 2706 | 2710 | rBV | 115806 | 177521 | 5.22% | 0.444% |
| 73 | 18.975 | 2711 | 2718 | 2721 | rVV4 | 61090 | 126041 | 3.71% | 0.315% |
| 74 | 19.004 | 2721 | 2723 | 2728 | rVB | 33063 | 38613 | 1.14% | 0.097% |
| 75 | 19.069 | 2728 | 2734 | 2740 | rBV4 | 111274 | 275223 | 8.10% | 0.689% |
| 76 | 19.186 | 2748 | 2754 | 2760 | rBV | 2225733 | 2857687 | 84.10% | 7.149% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** A4EF1

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-BP100724.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.292 | 2768 | 2772 | 2774 | rBV2 | 40914 | 62551 | 1.84% | 0.156% |
| 78 | 19.316 | 2774 | 2776 | 2784 | rVB6 | 63719 | 103840 | 3.06% | 0.260% |
| 79 | 19.533 | 2808 | 2813 | 2816 | rBV2 | 1338888 | 1979871 | 58.27% | 4.953% |
| 80 | 19.569 | 2816 | 2819 | 2827 | rVV | 1126429 | 1532792 | 45.11% | 3.834% |
| 81 | 19.639 | 2827 | 2831 | 2839 | rVB2 | 104729 | 193202 | 5.69% | 0.483% |
| 82 | 19.763 | 2848 | 2852 | 2858 | rVB | 95382 | 156845 | 4.62% | 0.392% |
| 83 | 19.910 | 2871 | 2877 | 2887 | rBV2 | 156407 | 379369 | 11.16% | 0.949% |
| 84 | 20.045 | 2896 | 2900 | 2902 | rBV3 | 93746 | 136028 | 4.00% | 0.340% |
| 85 | 20.086 | 2904 | 2907 | 2914 | rVB | 216986 | 328707 | 9.67% | 0.822% |
| 86 | 20.192 | 2921 | 2925 | 2929 | rBV | 180968 | 259253 | 7.63% | 0.649% |
| 87 | 20.251 | 2930 | 2935 | 2939 | rVV2 | 176125 | 303619 | 8.94% | 0.760% |
| 88 | 20.292 | 2939 | 2942 | 2945 | rVB | 64688 | 81237 | 2.39% | 0.203% |
| 89 | 20.392 | 2955 | 2959 | 2963 | rBV | 79802 | 120326 | 3.54% | 0.301% |
| 90 | 20.445 | 2964 | 2968 | 2973 | rVB2 | 112867 | 173309 | 5.10% | 0.434% |
| 91 | 20.874 | 3037 | 3041 | 3049 | rVB | 195325 | 303747 | 8.94% | 0.760% |
| 92 | 21.051 | 3067 | 3071 | 3075 | rBV2 | 180657 | 268864 | 7.91% | 0.673% |
| 93 | 21.098 | 3076 | 3079 | 3083 | rVB | 135890 | 169085 | 4.98% | 0.423% |
| 94 | 21.216 | 3097 | 3099 | 3106 | rVB | 177337 | 248966 | 7.33% | 0.623% |
| 95 | 21.474 | 3136 | 3143 | 3149 | rBV3 | 1514728 | 3397927 | 100.00% | 8.500% |
| 96 | 21.527 | 3149 | 3152 | 3166 | rVB | 816229 | 1360473 | 40.04% | 3.403% |
| 97 | 22.227 | 3267 | 3271 | 3277 | rVB | 156221 | 250685 | 7.38% | 0.627% |
| 98 | 23.704 | 3515 | 3522 | 3530 | rBV | 458850 | 1326966 | 39.05% | 3.320% |
| 99 | 24.504 | 3651 | 3658 | 3664 | rVB | 408039 | 931575 | 27.42% | 2.330% |
| 100 | 24.727 | 3688 | 3696 | 3707 | rBV | 700144 | 1968281 | 57.93% | 4.924% |

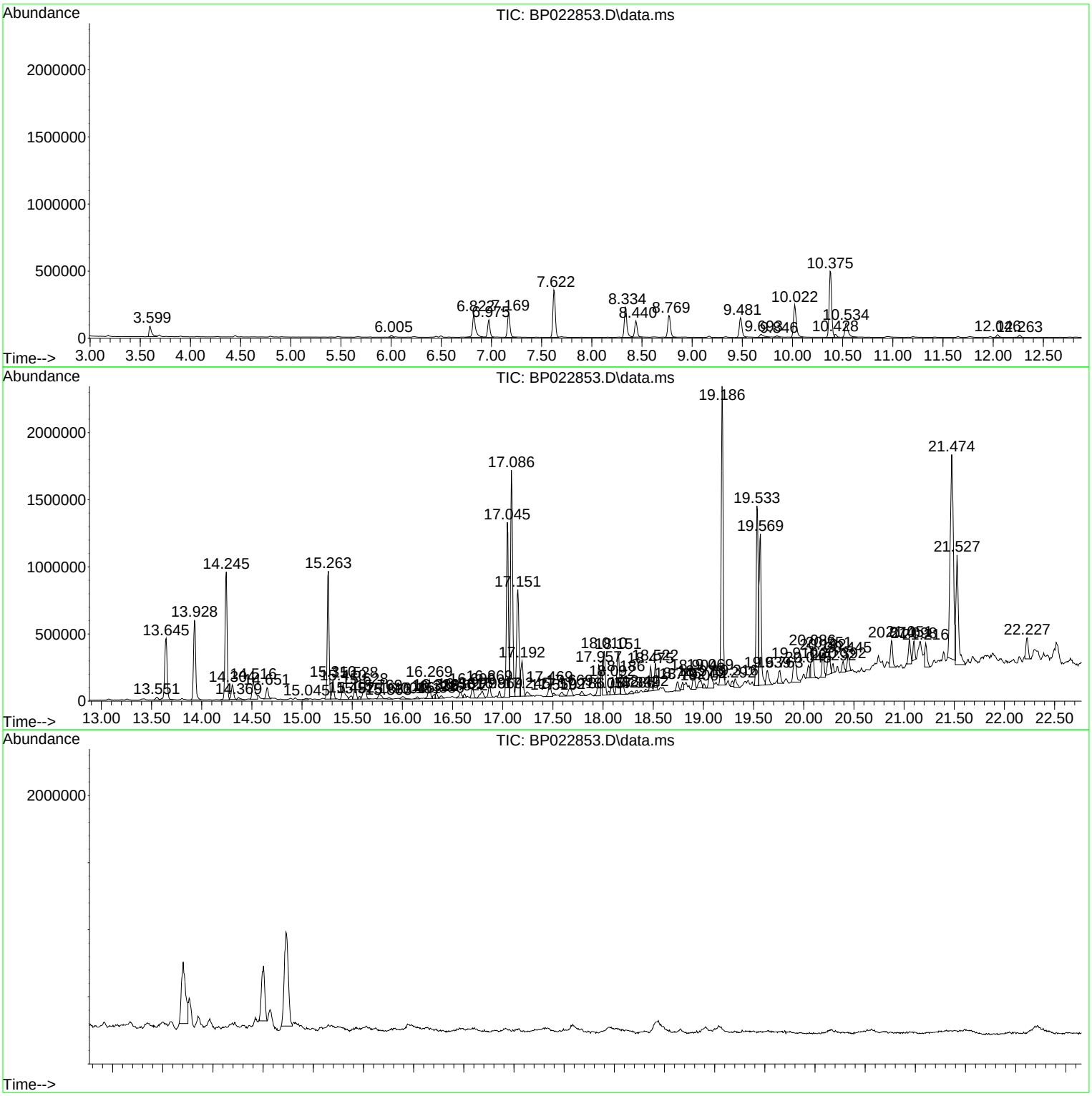
Sum of corrected areas: 39973717

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

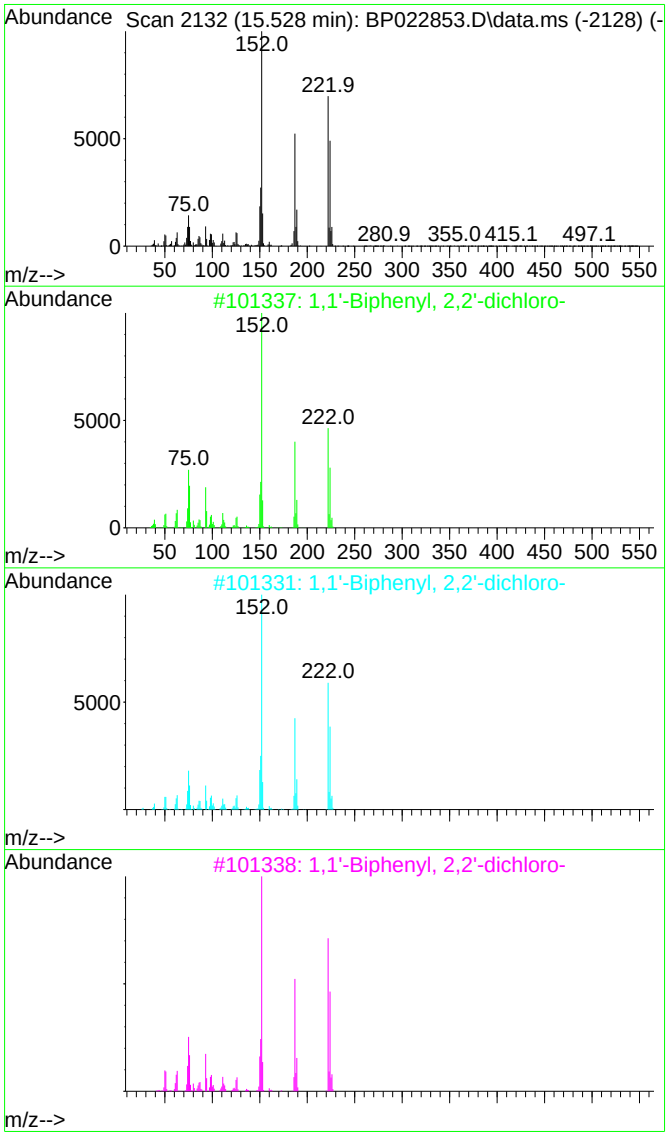
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

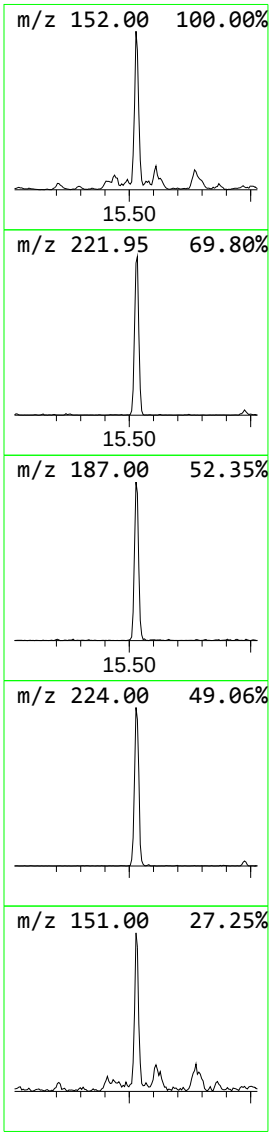
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.528 | 2.76 ng/ul | 184889 | Acenaphthene-d10 | 14.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2'-dichloro- | 222 | C12H8Cl2 | 013029-08-8 | 99 |
| 2 | 1,1'-Biphenyl, 2,2'-dichloro- | 222 | C12H8Cl2 | 013029-08-8 | 98 |
| 3 | 1,1'-Biphenyl, 2,2'-dichloro- | 222 | C12H8Cl2 | 013029-08-8 | 98 |
| 4 | 1,1'-Biphenyl, 2,4'-dichloro- | 222 | C12H8Cl2 | 034883-43-7 | 97 |
| 5 | 1,1'-Biphenyl, 3,3'-dichloro- | 222 | C12H8Cl2 | 002050-67-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

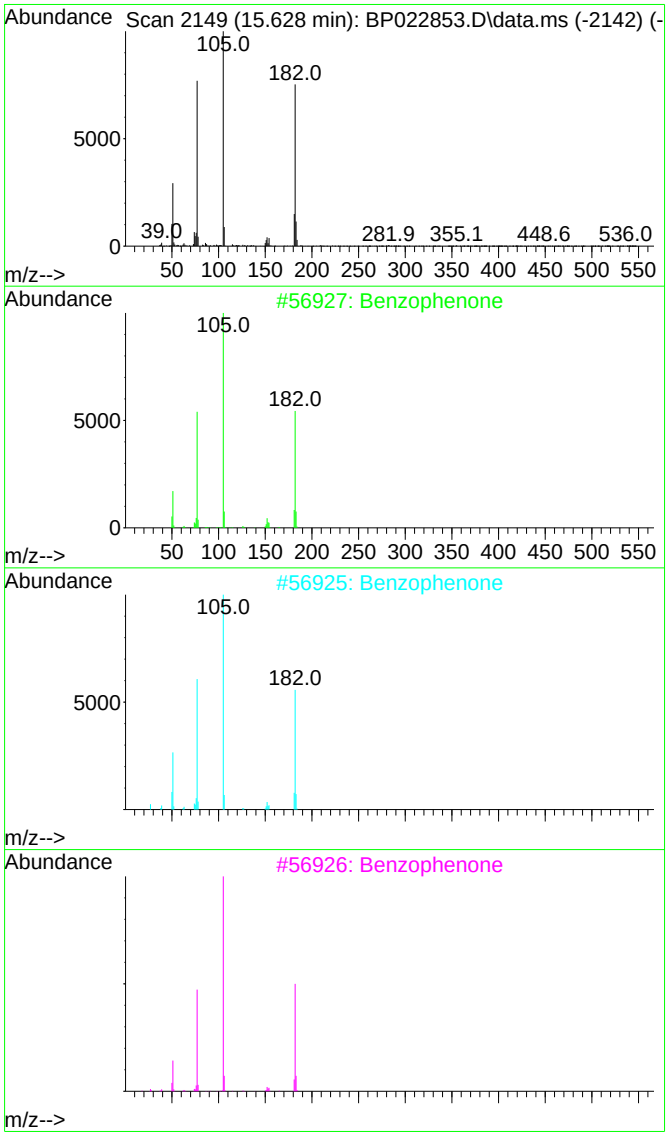
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

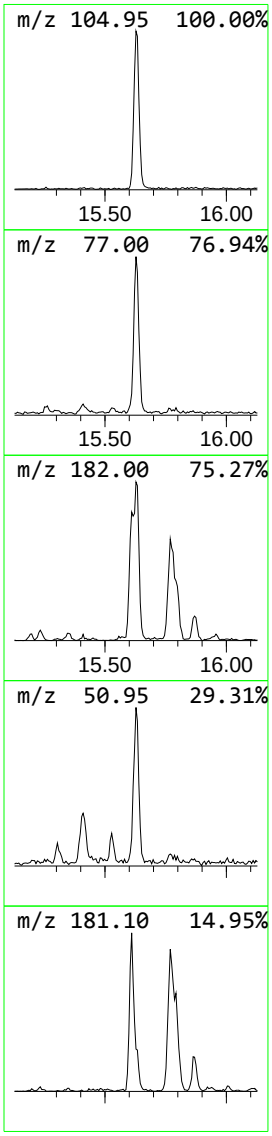
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzophenone Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.628 | 2.76 ng/ul | 184770 | Acenaphthene-d10 | 14.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 94 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 93 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 74 |
| 5 | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

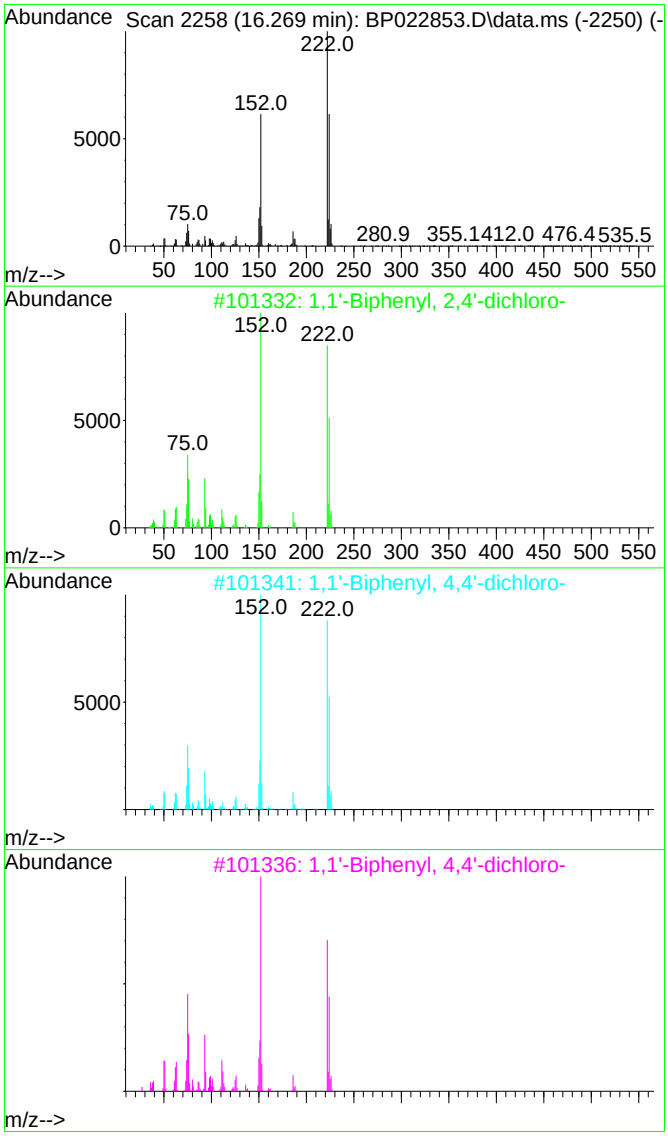
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

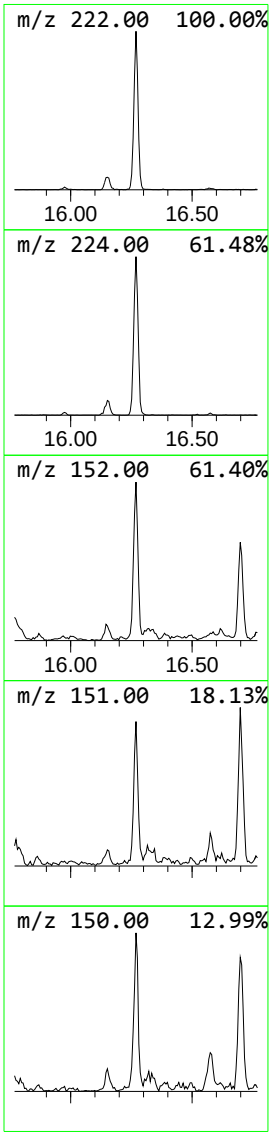
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.269 | 2.12 ng/ul | 198336 | Phenanthrene-d10 | 17.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,4'-dichloro- | 222 | C12H8Cl2 | 034883-43-7 | 97 |
| 2 | 1,1'-Biphenyl, 4,4'-dichloro- | 222 | C12H8Cl2 | 002050-68-2 | 97 |
| 3 | 1,1'-Biphenyl, 4,4'-dichloro- | 222 | C12H8Cl2 | 002050-68-2 | 96 |
| 4 | 1,1'-Biphenyl, 2,3-dichloro- | 222 | C12H8Cl2 | 016605-91-7 | 96 |
| 5 | 1,1'-Biphenyl, 2,4-dichloro- | 222 | C12H8Cl2 | 033284-50-3 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

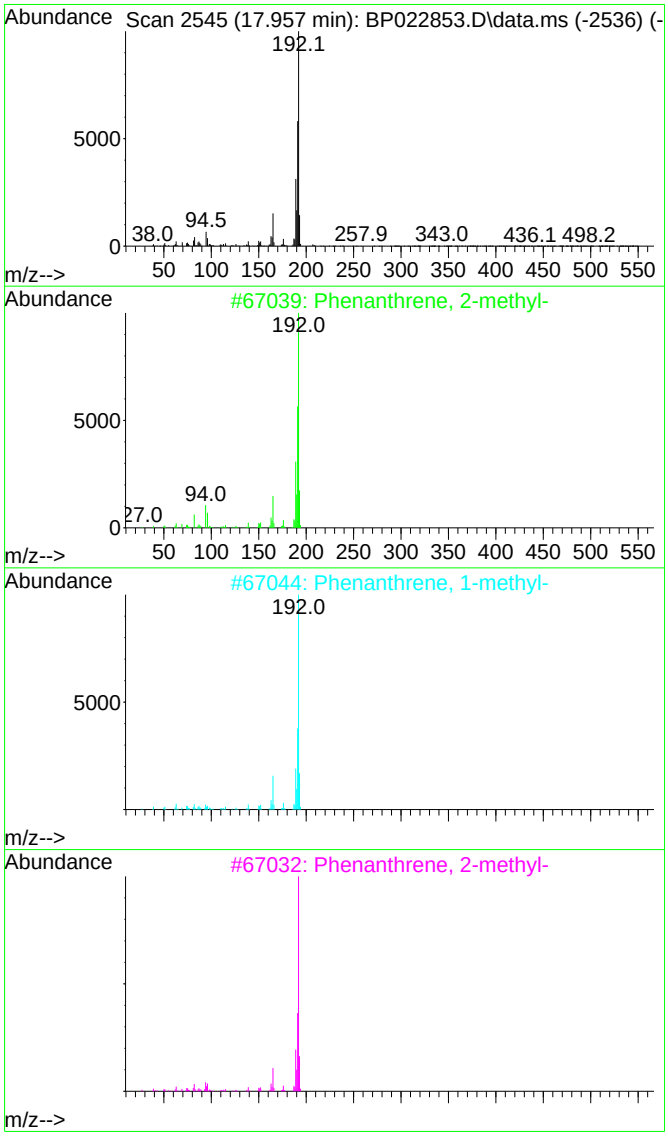
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

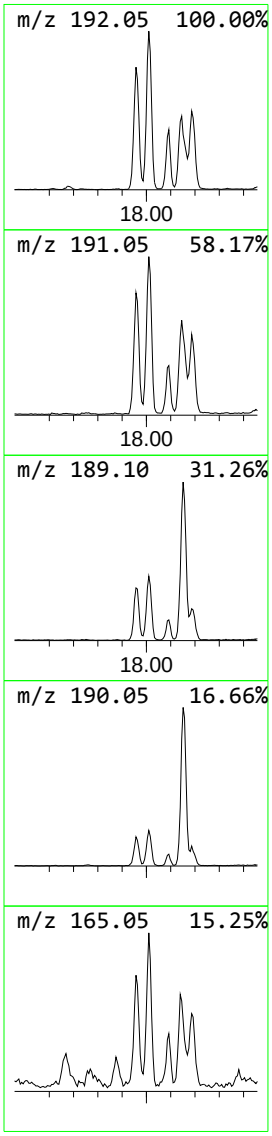
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.957 | 4.28 ng/ul | 400248 | Phenanthrene-d10 | 17.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 94 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

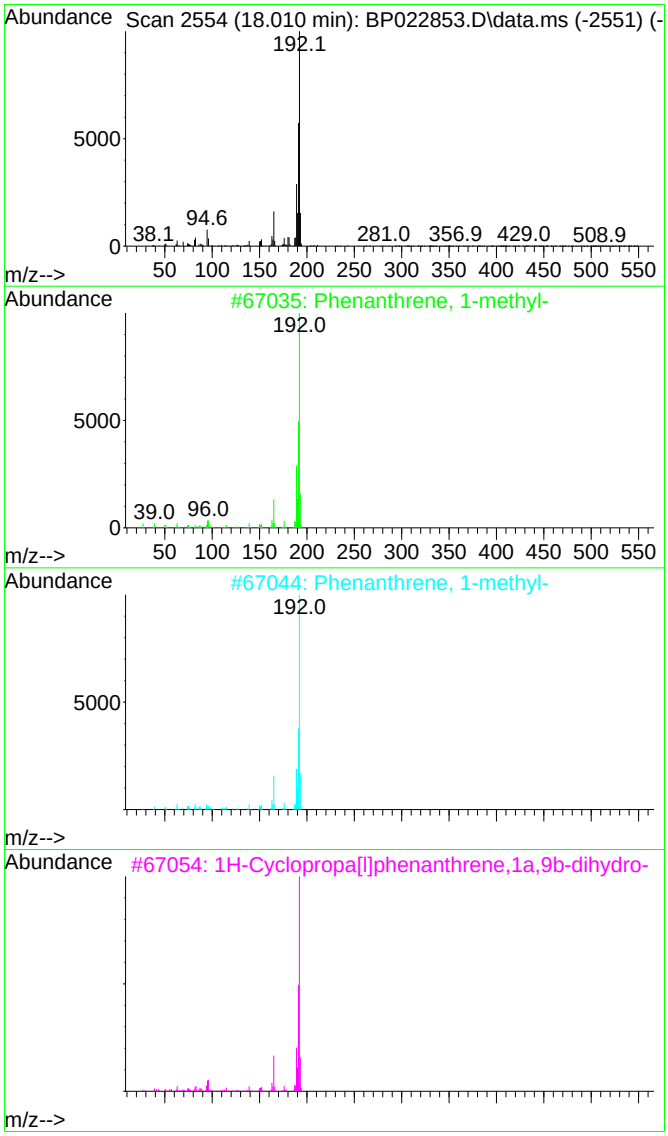
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

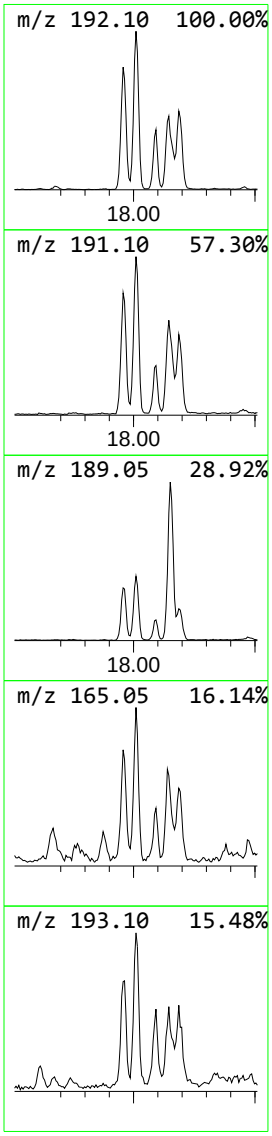
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.010 | 5.00 ng/ul | 467611 | Phenanthrene-d10 | 17.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

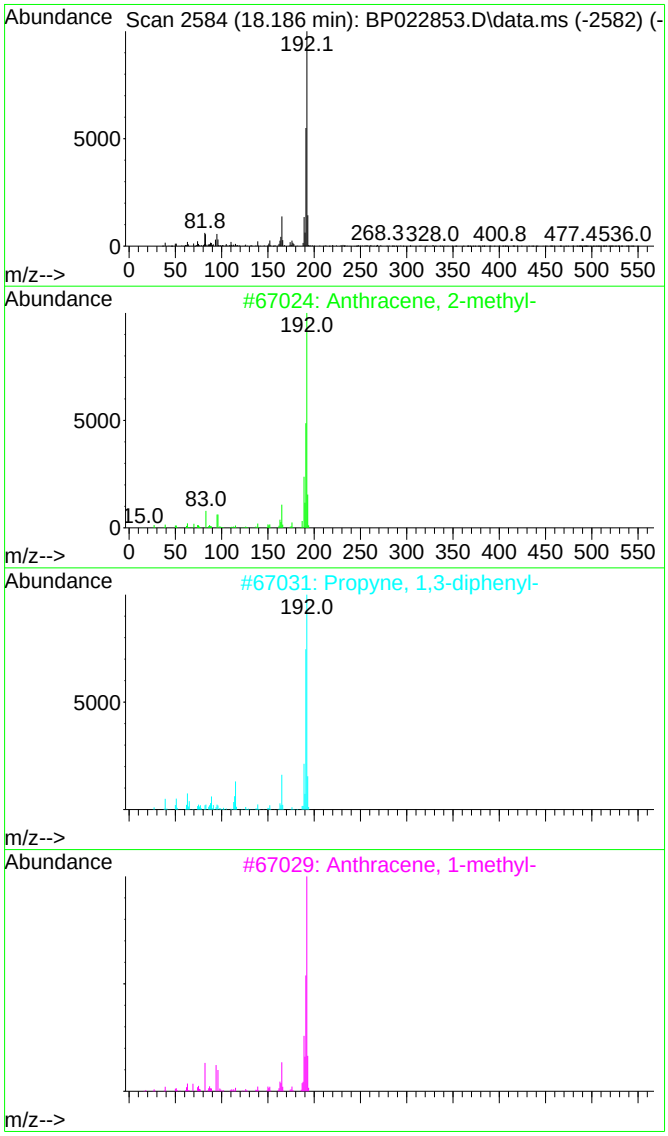
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

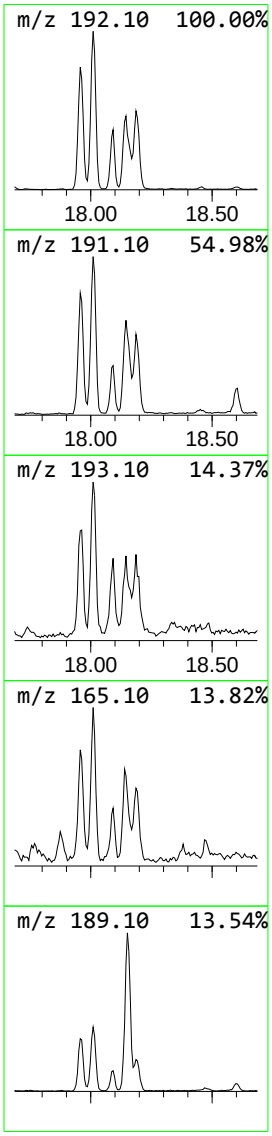
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.186 | 2.34 ng/ul | 219113 | Phenanthrene-d10 | 17.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 87 |
| 2 | Propyne, 1,3-diphenyl- | 192 | C15H12 | 004980-70-5 | 87 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 83 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 83 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

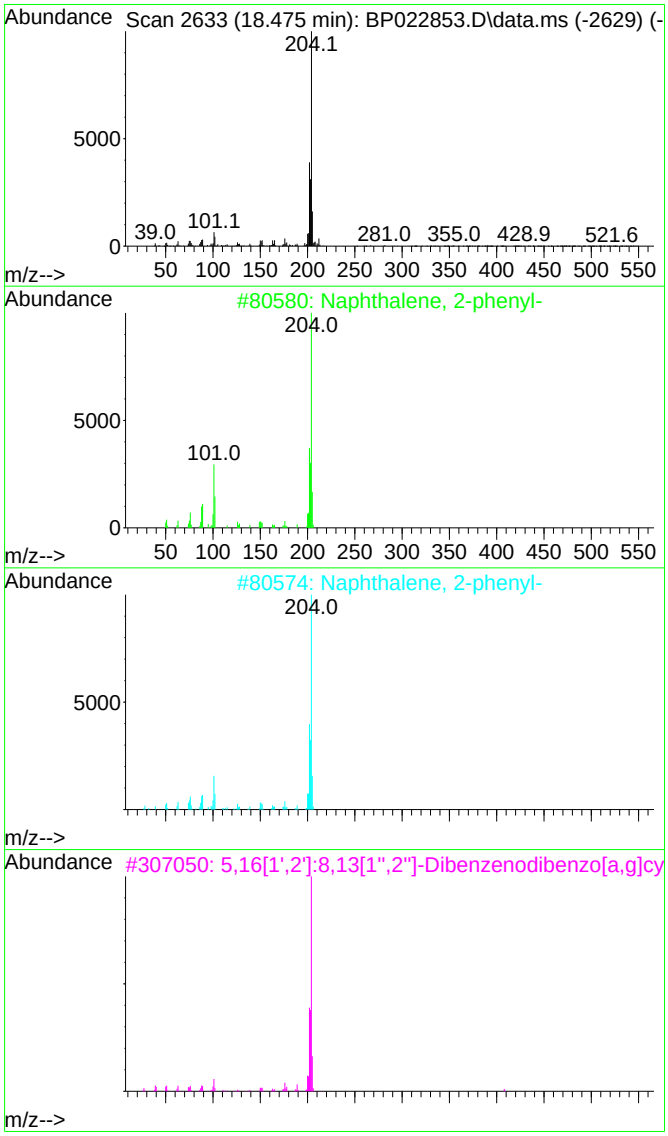
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

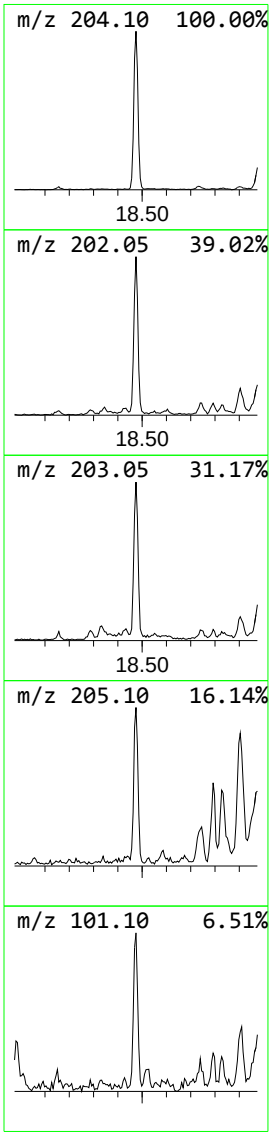
**********

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.475 | 2.39 ng/ul | 223796 | Phenanthrene-d10 | 17.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 91 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 83 |
| 3 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 78 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 64 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

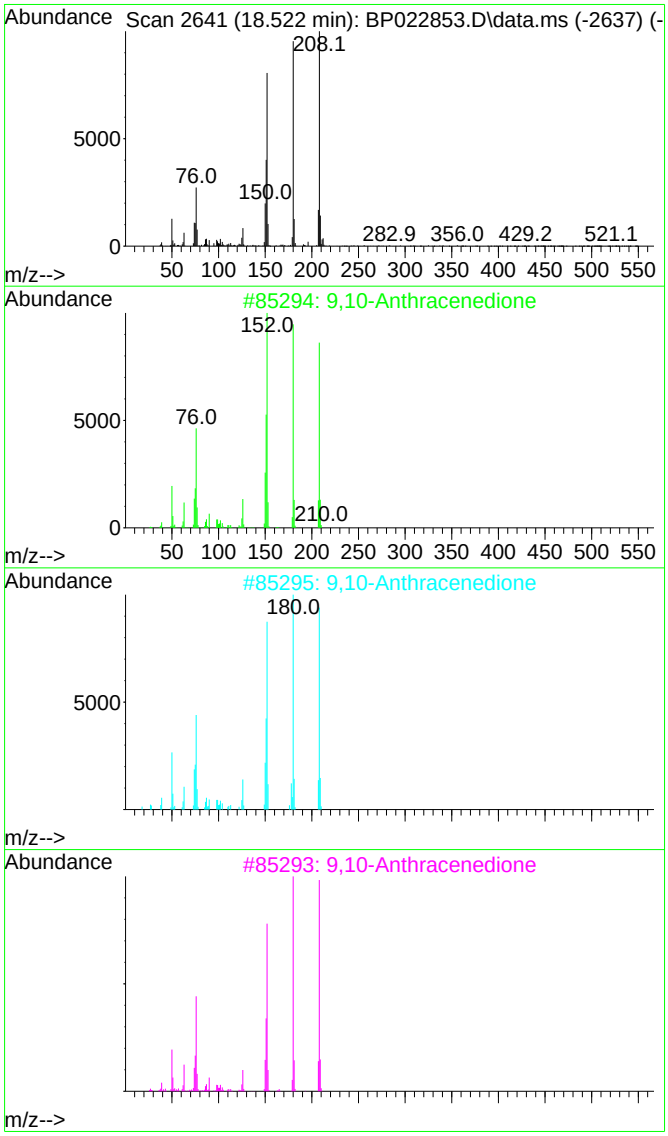
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

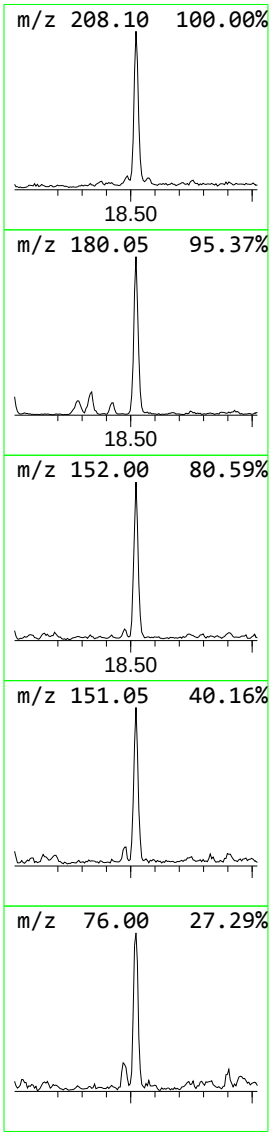
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 9,10-Anthracenedione Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.522 | 2.62 ng/ul | 245361 | Phenanthrene-d10 | 17.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 96 |
| 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 | 93 |
| 5 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

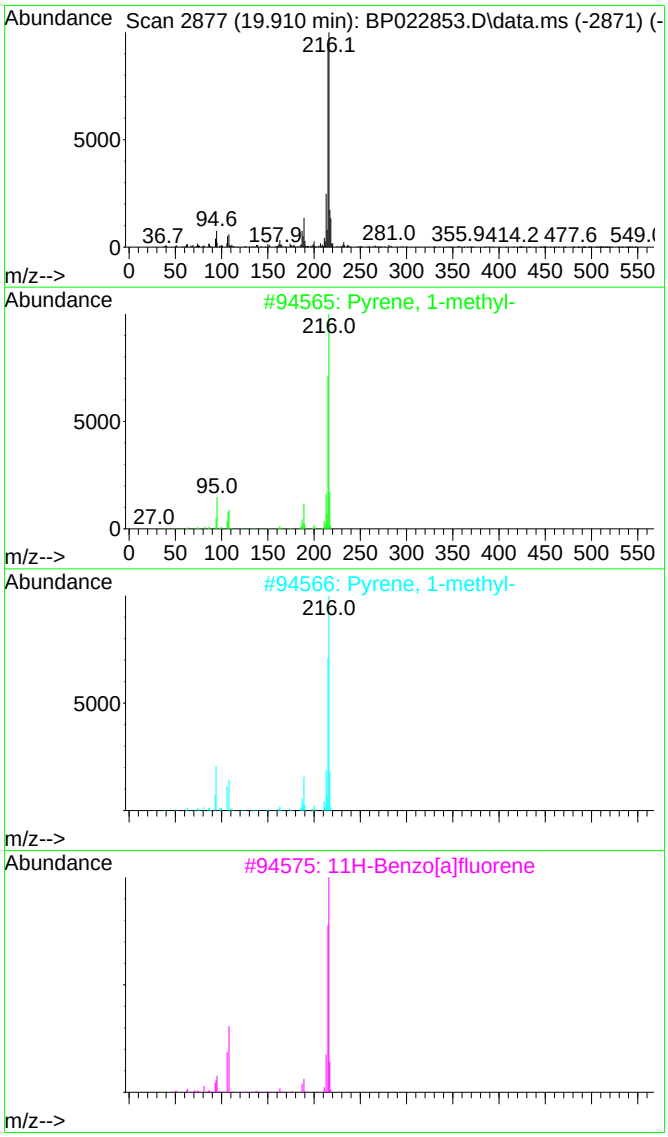
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

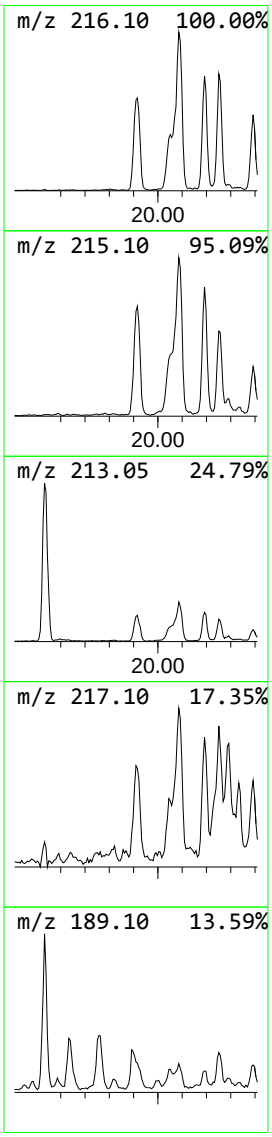
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.910 | 2.23 ng/ul | 379369 | Chrysene-d12 | 21.480 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 91 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 5 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022853.D
Acq On : 05 Nov 2024 09:11
Operator : RC/JU
Sample : P4568-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4EF1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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 |
| 1,1'-Biphenyl, ... | 15.528 | 2.8 | ng/ul | 184889 | 3 | 14.245 | 1337860 | 20.0 |
| Benzophenone | 15.628 | 2.8 | ng/ul | 184770 | 3 | 14.245 | 1337860 | 20.0 |
| 1,1'-Biphenyl, ... | 16.269 | 2.1 | ng/ul | 198336 | 4 | 17.045 | 1869770 | 20.0 |
| Phenanthrene, 2... | 17.957 | 4.3 | ng/ul | 400248 | 4 | 17.045 | 1869770 | 20.0 |
| Phenanthrene, 1... | 18.010 | 5.0 | ng/ul | 467611 | 4 | 17.045 | 1869770 | 20.0 |
| Anthracene, 2-m... | 18.186 | 2.3 | ng/ul | 219113 | 4 | 17.045 | 1869770 | 20.0 |
| Naphthalene, 2-... | 18.475 | 2.4 | ng/ul | 223796 | 4 | 17.045 | 1869770 | 20.0 |
| 9,10-Anthracene... | 18.522 | 2.6 | ng/ul | 245361 | 4 | 17.045 | 1869770 | 20.0 |
| Pyrene, 1-methyl- | 19.910 | 2.2 | ng/ul | 379369 | 5 | 21.480 | 3397930 | 20.0 |