LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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: BP022380.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.028 | 3 | 7 | 30 | rVB | 1346311 | 2019759 | 7.93% | 1.282% |
| 2 | 6.352 | 565 | 572 | 578 | rBV | 112153 | 181504 | 0.71% | 0.115% |
| 3 | 7.699 | 792 | 801 | 811 | rBV | 328248 | 544924 | 2.14% | 0.346% |
| 4 | 8.069 | 858 | 864 | 871 | rVB | 108145 | 180619 | 0.71% | 0.115% |
| 5 | 9.863 | 1152 | 1169 | 1178 | rBV2 | 65270 | 153030 | 0.60% | 0.097% |
| 6 | 10.457 | 1259 | 1270 | 1272 | rBV | 370909 | 698962 | 2.74% | 0.444% |
| 7 | 10.516 | 1272 | 1280 | 1287 | rVV | 8124749 | 14715416 | 57.79% | 9.338% |
| 8 | 10.622 | 1291 | 1298 | 1308 | rVB | 350274 | 613030 | 2.41% | 0.389% |
| 9 | 12.110 | 1540 | 1551 | 1558 | rBV | 3210043 | 5459538 | 21.44% | 3.464% |
| 10 | 12.228 | 1565 | 1571 | 1577 | rBV | 69904 | 133741 | 0.53% | 0.085% |
| 11 | 12.334 | 1577 | 1589 | 1597 | rVV | 1630834 | 2750157 | 10.80% | 1.745% |
| 12 | 13.128 | 1716 | 1724 | 1731 | rBV | 1044167 | 1552587 | 6.10% | 0.985% |
| 13 | 13.334 | 1753 | 1759 | 1770 | rVB | 339691 | 633070 | 2.49% | 0.402% |
| 14 | 13.463 | 1771 | 1781 | 1791 | rBV2 | 526861 | 1386095 | 5.44% | 0.880% |
| 15 | 13.622 | 1801 | 1808 | 1814 | rBV | 667919 | 1280208 | 5.03% | 0.812% |
| 16 | 13.675 | 1814 | 1817 | 1822 | rBV | 432876 | 599588 | 2.35% | 0.380% |
| 17 | 13.863 | 1840 | 1849 | 1853 | rBV | 331782 | 501400 | 1.97% | 0.318% |
| 18 | 13.898 | 1853 | 1855 | 1861 | rVB | 108020 | 126769 | 0.50% | 0.080% |
| 19 | 14.034 | 1874 | 1878 | 1888 | rVB | 217540 | 348655 | 1.37% | 0.221% |
| 20 | 14.310 | 1915 | 1925 | 1931 | rBV2 | 751435 | 1792403 | 7.04% | 1.137% |
| 21 | 14.387 | 1931 | 1938 | 1945 | rVV | 3040390 | 4968006 | 19.51% | 3.152% |
| 22 | 14.451 | 1945 | 1949 | 1954 | rVB | 232870 | 309325 | 1.21% | 0.196% |
| 23 | 14.516 | 1954 | 1960 | 1970 | rBV | 107880 | 289585 | 1.14% | 0.184% |
| 24 | 14.628 | 1970 | 1979 | 1984 | rBV2 | 104935 | 212106 | 0.83% | 0.135% |
| 25 | 14.728 | 1989 | 1996 | 2002 | rVV | 4016031 | 5545310 | 21.78% | 3.519% |
| 26 | 14.792 | 2002 | 2007 | 2015 | rVB | 195640 | 269913 | 1.06% | 0.171% |
| 27 | 14.939 | 2024 | 2032 | 2037 | rBV2 | 138668 | 283375 | 1.11% | 0.180% |
| 28 | 14.998 | 2037 | 2042 | 2047 | rVB | 162256 | 225907 | 0.89% | 0.143% |
| 29 | 15.110 | 2054 | 2061 | 2064 | rBV | 139292 | 249918 | 0.98% | 0.159% |
| 30 | 15.145 | 2064 | 2067 | 2071 | rVV3 | 84644 | 149275 | 0.59% | 0.095% |
| 31 | 15.322 | 2088 | 2097 | 2101 | rVV6 | 114538 | 339847 | 1.33% | 0.216% |
| 32 | 15.381 | 2101 | 2107 | 2112 | rVV | 3493511 | 5083634 | 19.96% | 3.226% |
| 33 | 15.469 | 2118 | 2122 | 2125 | rVV2 | 146923 | 250835 | 0.99% | 0.159% |
| 34 | 15.498 | 2125 | 2127 | 2130 | rVV | 243220 | 321505 | 1.26% | 0.204% |
| 35 | 15.534 | 2130 | 2133 | 2138 | rVV | 483899 | 692851 | 2.72% | 0.440% |
| 36 | 15.586 | 2138 | 2142 | 2145 | rVV5 | 82276 | 153491 | 0.60% | 0.097% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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 | 15.628 | 2145 | 2149 | 2153 | rVV | 242970 | 376775 | 1.48% | 0.239% |
| 38 | 15.675 | 2153 | 2157 | 2167 | rVB | 655008 | 1194996 | 4.69% | 0.758% |
| 39 | 15.822 | 2174 | 2182 | 2189 | rVV | 976761 | 1726438 | 6.78% | 1.096% |
| 40 | 15.910 | 2189 | 2197 | 2204 | rVB3 | 155099 | 324153 | 1.27% | 0.206% |
| 41 | 16.051 | 2216 | 2221 | 2230 | rVB5 | 168127 | 400264 | 1.57% | 0.254% |
| 42 | 16.181 | 2236 | 2243 | 2249 | rBV4 | 92924 | 195747 | 0.77% | 0.124% |
| 43 | 16.410 | 2268 | 2282 | 2286 | rBV2 | 456759 | 988394 | 3.88% | 0.627% |
| 44 | 16.457 | 2286 | 2290 | 2295 | rVV2 | 206018 | 335583 | 1.32% | 0.213% |
| 45 | 16.545 | 2300 | 2305 | 2310 | rVV3 | 154014 | 295005 | 1.16% | 0.187% |
| 46 | 16.633 | 2316 | 2320 | 2324 | rVV | 216089 | 400604 | 1.57% | 0.254% |
| 47 | 16.681 | 2324 | 2328 | 2331 | rVV2 | 242210 | 415519 | 1.63% | 0.264% |
| 48 | 16.710 | 2331 | 2333 | 2338 | rVV2 | 109158 | 193392 | 0.76% | 0.123% |
| 49 | 16.769 | 2338 | 2343 | 2349 | rVV2 | 476637 | 787862 | 3.09% | 0.500% |
| 50 | 16.839 | 2350 | 2355 | 2362 | rVV4 | 321174 | 772289 | 3.03% | 0.490% |
| 51 | 16.916 | 2363 | 2368 | 2383 | rVB | 1263346 | 1943337 | 7.63% | 1.233% |
| 52 | 17.122 | 2392 | 2403 | 2405 | rBV | 1022428 | 1598454 | 6.28% | 1.014% |
| 53 | 17.169 | 2405 | 2411 | 2416 | rVV | 17371458 | 25463279 | 100.00% | 16.158% |
| 54 | 17.216 | 2416 | 2419 | 2421 | rVV | 268516 | 388867 | 1.53% | 0.247% |
| 55 | 17.251 | 2421 | 2425 | 2430 | rVV | 1559457 | 2169016 | 8.52% | 1.376% |
| 56 | 17.304 | 2430 | 2434 | 2439 | rVB3 | 97667 | 198050 | 0.78% | 0.126% |
| 57 | 17.539 | 2461 | 2474 | 2486 | rBV | 764784 | 1451414 | 5.70% | 0.921% |
| 58 | 17.633 | 2486 | 2490 | 2498 | rVV3 | 254306 | 441579 | 1.73% | 0.280% |
| 59 | 17.704 | 2498 | 2502 | 2515 | rVB2 | 163370 | 343318 | 1.35% | 0.218% |
| 60 | 17.863 | 2524 | 2529 | 2538 | rVB2 | 135570 | 282549 | 1.11% | 0.179% |
| 61 | 18.004 | 2545 | 2553 | 2558 | rBV | 1204126 | 1792447 | 7.04% | 1.137% |
| 62 | 18.057 | 2558 | 2562 | 2571 | rVB | 1470454 | 2263658 | 8.89% | 1.436% |
| 63 | 18.151 | 2571 | 2578 | 2584 | rBV | 428763 | 740512 | 2.91% | 0.470% |
| 64 | 18.228 | 2584 | 2591 | 2595 | rBV2 | 1564434 | 2989403 | 11.74% | 1.897% |
| 65 | 18.257 | 2595 | 2596 | 2603 | rVB | 633956 | 635084 | 2.49% | 0.403% |
| 66 | 18.363 | 2611 | 2614 | 2619 | rVB3 | 100087 | 161039 | 0.63% | 0.102% |
| 67 | 18.539 | 2639 | 2644 | 2649 | rVV | 833449 | 1220642 | 4.79% | 0.775% |
| 68 | 18.592 | 2649 | 2653 | 2657 | rVB4 | 98773 | 151264 | 0.59% | 0.096% |
| 69 | 18.786 | 2682 | 2686 | 2691 | rVB2 | 173560 | 255897 | 1.00% | 0.162% |
| 70 | 18.845 | 2691 | 2696 | 2700 | rBV | 146700 | 242866 | 0.95% | 0.154% |
| 71 | 18.892 | 2700 | 2704 | 2708 | rVB | 162642 | 220758 | 0.87% | 0.140% |
| 72 | 18.975 | 2712 | 2718 | 2722 | rBV | 347493 | 587032 | 2.31% | 0.373% |
| 73 | 19.033 | 2722 | 2728 | 2731 | rBV4 | 161500 | 262626 | 1.03% | 0.167% |
| 74 | 19.104 | 2736 | 2740 | 2749 | rBV4 | 131809 | 289352 | 1.14% | 0.184% |
| 75 | 19.257 | 2757 | 2766 | 2772 | rBV | 9990061 | 15333389 | 60.22% | 9.730% |
| 76 | 19.316 | 2772 | 2776 | 2779 | rVV | 146118 | 193827 | 0.76% | 0.123% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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 | 19.351 | 2779 | 2782 | 2786 | rVB2 | 155172 | 202878 | 0.80% | 0.129% |
| 78 | 19.492 | 2800 | 2806 | 2812 | rVB2 | 205250 | 336473 | 1.32% | 0.214% |
| 79 | 19.633 | 2817 | 2830 | 2837 | rVV2 | 4904539 | 10798597 | 42.41% | 6.852% |
| 80 | 19.698 | 2837 | 2841 | 2848 | rVB2 | 363130 | 541610 | 2.13% | 0.344% |
| 81 | 19.804 | 2854 | 2859 | 2865 | rBV | 472437 | 606792 | 2.38% | 0.385% |
| 82 | 19.969 | 2878 | 2887 | 2893 | rBV3 | 343468 | 1017965 | 4.00% | 0.646% |
| 83 | 20.098 | 2903 | 2909 | 2911 | rBV3 | 238620 | 450022 | 1.77% | 0.286% |
| 84 | 20.133 | 2911 | 2915 | 2920 | rVB | 1037594 | 1477241 | 5.80% | 0.937% |
| 85 | 20.239 | 2928 | 2933 | 2938 | rBV | 839853 | 1152346 | 4.53% | 0.731% |
| 86 | 20.304 | 2938 | 2944 | 2948 | rVV2 | 462418 | 825903 | 3.24% | 0.524% |
| 87 | 20.345 | 2948 | 2951 | 2955 | rVV2 | 140394 | 195494 | 0.77% | 0.124% |
| 88 | 20.392 | 2955 | 2959 | 2964 | rVB | 149839 | 189882 | 0.75% | 0.120% |
| 89 | 20.457 | 2965 | 2970 | 2972 | rBV | 145824 | 214246 | 0.84% | 0.136% |
| 90 | 20.498 | 2972 | 2977 | 2982 | rVB2 | 214192 | 305506 | 1.20% | 0.194% |
| 91 | 21.121 | 3078 | 3083 | 3086 | rBV | 363395 | 522504 | 2.05% | 0.332% |
| 92 | 21.157 | 3086 | 3089 | 3093 | rVV | 336787 | 441780 | 1.73% | 0.280% |
| 93 | 21.210 | 3093 | 3098 | 3103 | rVV2 | 258016 | 471752 | 1.85% | 0.299% |
| 94 | 21.533 | 3146 | 3153 | 3159 | rBV2 | 2599550 | 5689375 | 22.34% | 3.610% |
| 95 | 21.592 | 3159 | 3163 | 3172 | rVB | 1653512 | 2498819 | 9.81% | 1.586% |
| 96 | 21.745 | 3185 | 3189 | 3192 | rBV | 132040 | 187377 | 0.74% | 0.119% |
| 97 | 21.957 | 3221 | 3225 | 3233 | rVB4 | 90148 | 211551 | 0.83% | 0.134% |
| 98 | 22.298 | 3280 | 3283 | 3289 | rVB | 190043 | 264940 | 1.04% | 0.168% |
| 99 | 23.792 | 3529 | 3537 | 3545 | rBV | 497192 | 1668248 | 6.55% | 1.059% |
| 100 | 24.833 | 3706 | 3714 | 3724 | rBV | 893196 | 2276686 | 8.94% | 1.445% |

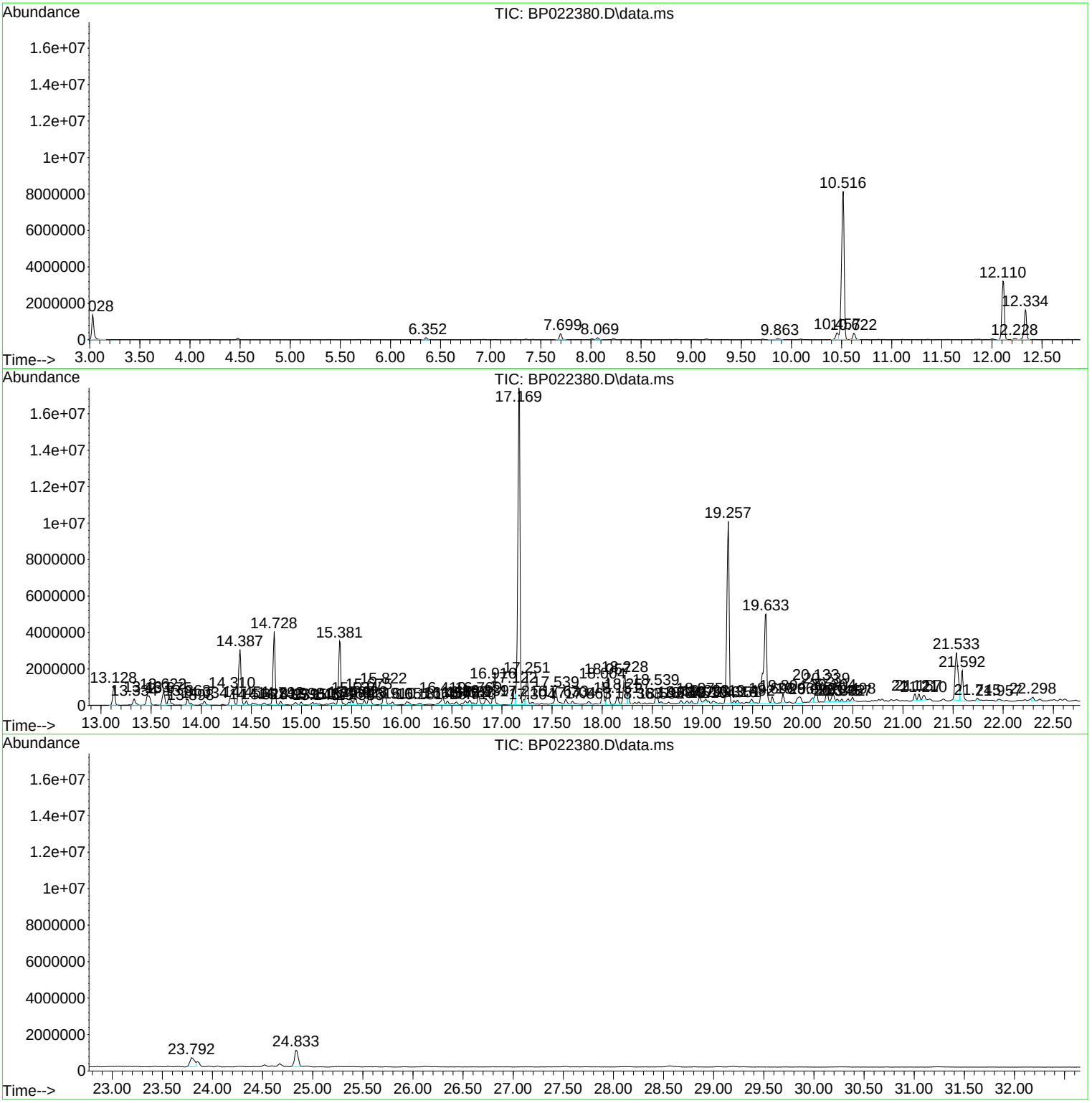
Sum of corrected areas: 157591005

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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

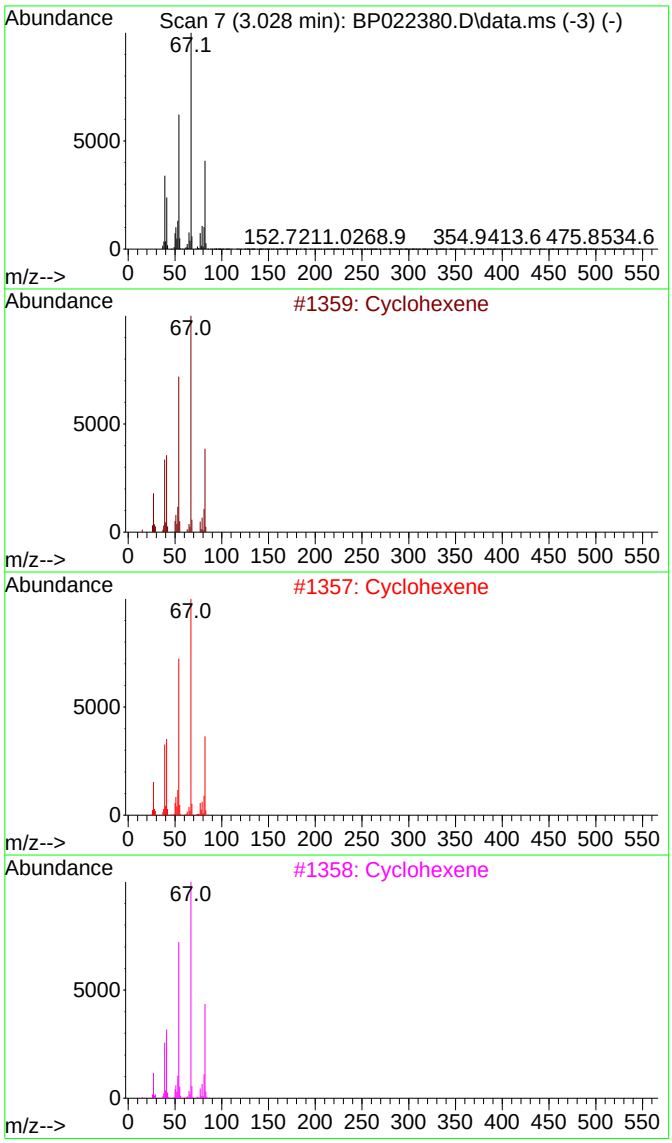
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

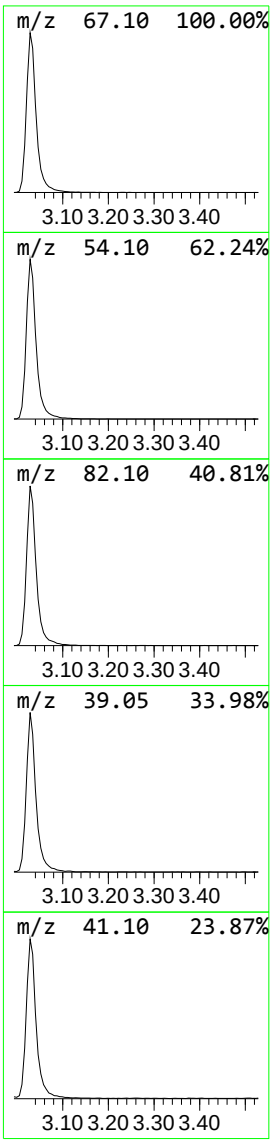
**********

Peak Number 1 Cyclohexene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.028 | 74.13 ng/ul | 2019760 | 1,4-Dichlorobenzene-d4 | 7.699 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 93 |
| 2 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 90 |
| 3 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 90 |
| 4 | Cyclobutane, ethenyl- | 82 | C6H10 | 002597-49-1 | 90 |
| 5 | Ethylidenecyclobutane | 82 | C6H10 | 001528-21-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

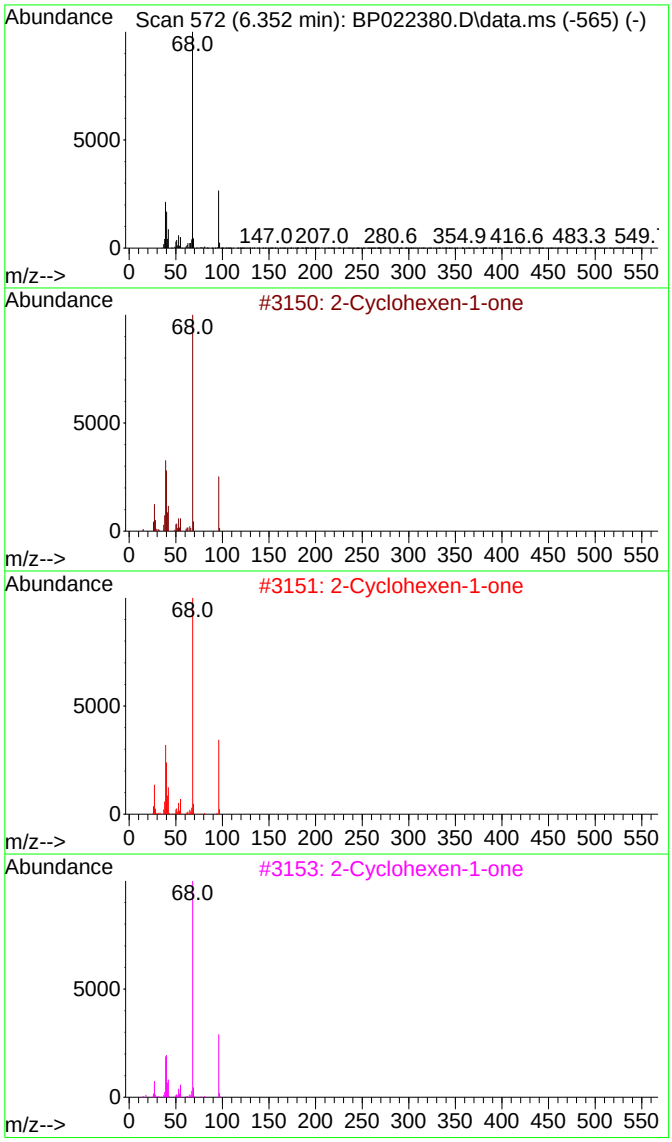
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

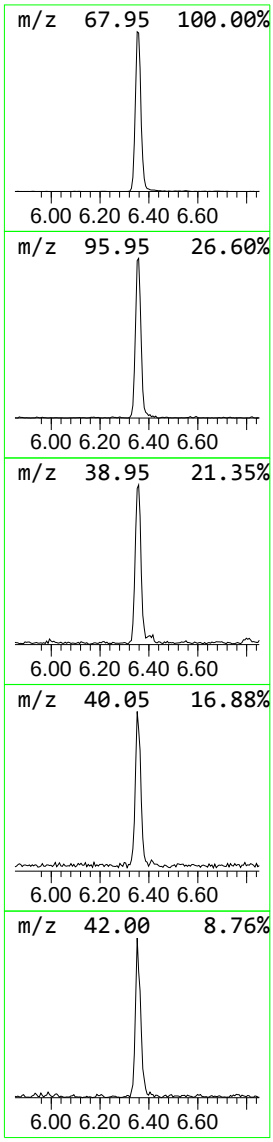
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Cyclohexen-1-one Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.352 | 6.66 ng/ul | 181504 | 1,4-Dichlorobenzene-d4 | 7.699 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 91 |
| 2 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 90 |
| 3 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 86 |
| 4 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 78 |
| 5 | 2H-Pyran-2-one, 5,6-dihydro- | 98 | C5H6O2 | 003393-45-1 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

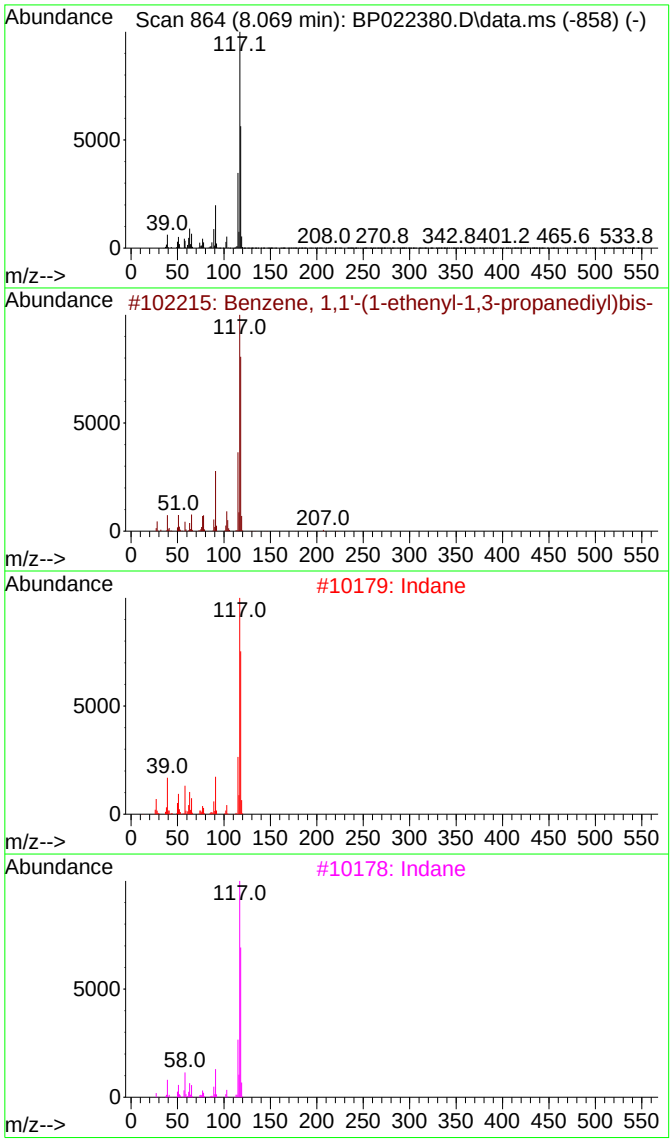
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

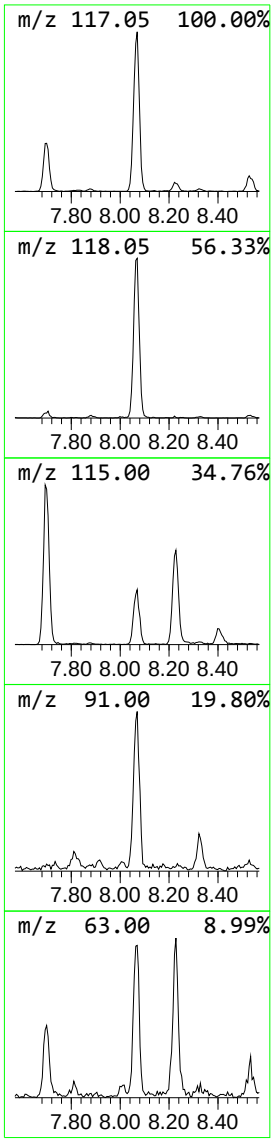
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.069 | 6.63 ng/ul | 180619 | 1,4-Dichlorobenzene-d4 | 7.699 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,1'-(1-ethenyl-1,3-pro... | 222 | C17H18 | 061141-97-7 | 93 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 81 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

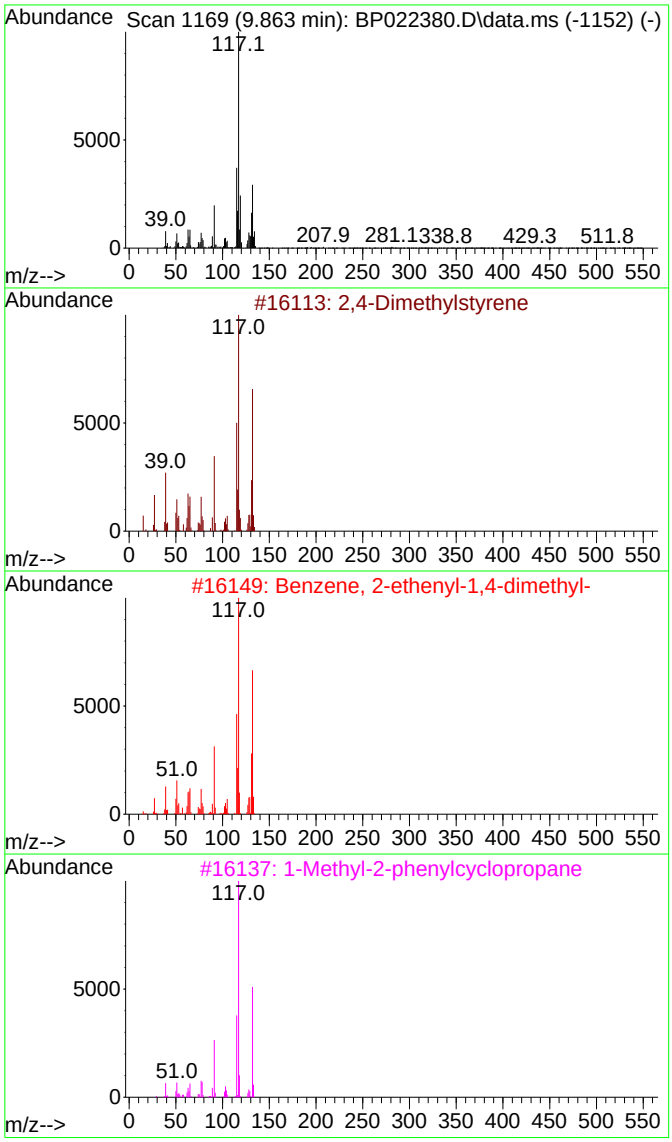
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

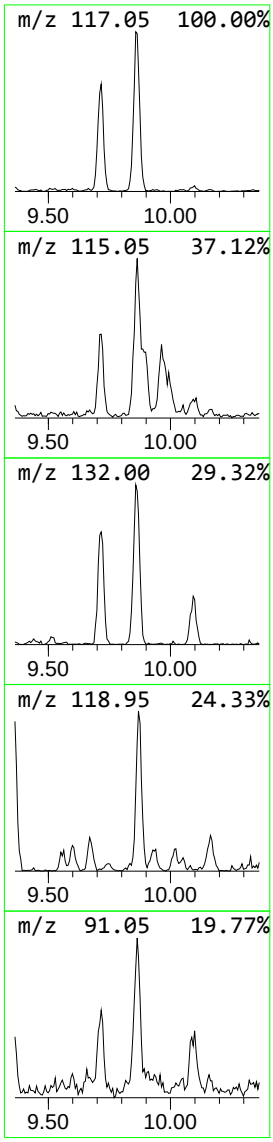
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 2,4-Dimethylstyrene Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.863 | 4.38 ng/ul | 153030 | Naphthalene-d8 | 10.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 90 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 90 |
| 3 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 86 |
| 4 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 81 |
| 5 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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

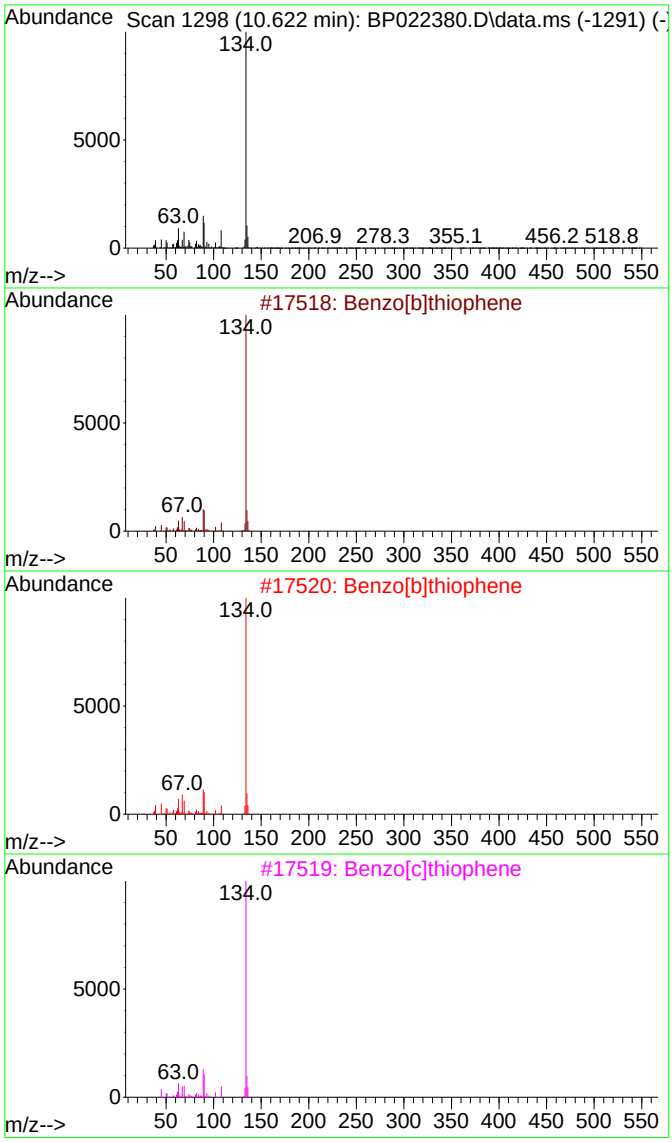
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

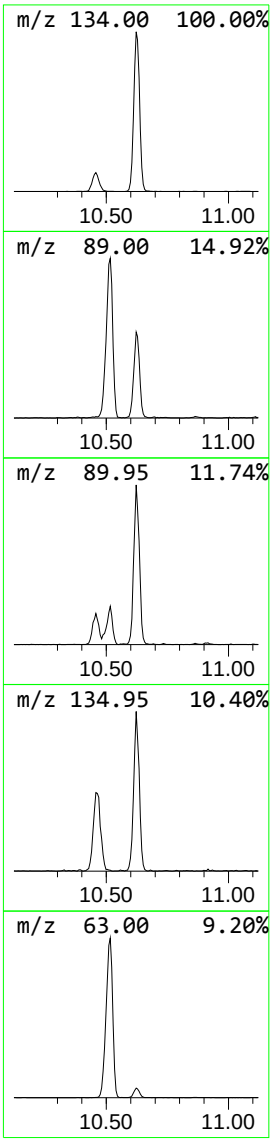
**********

Peak Number 5 Benzo[b]thiophene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.622 | 17.54 ng/ul | 613030 | Naphthalene-d8 | 10.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 95 |
| 2 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 94 |
| 3 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 94 |
| 4 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 94 |
| 5 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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

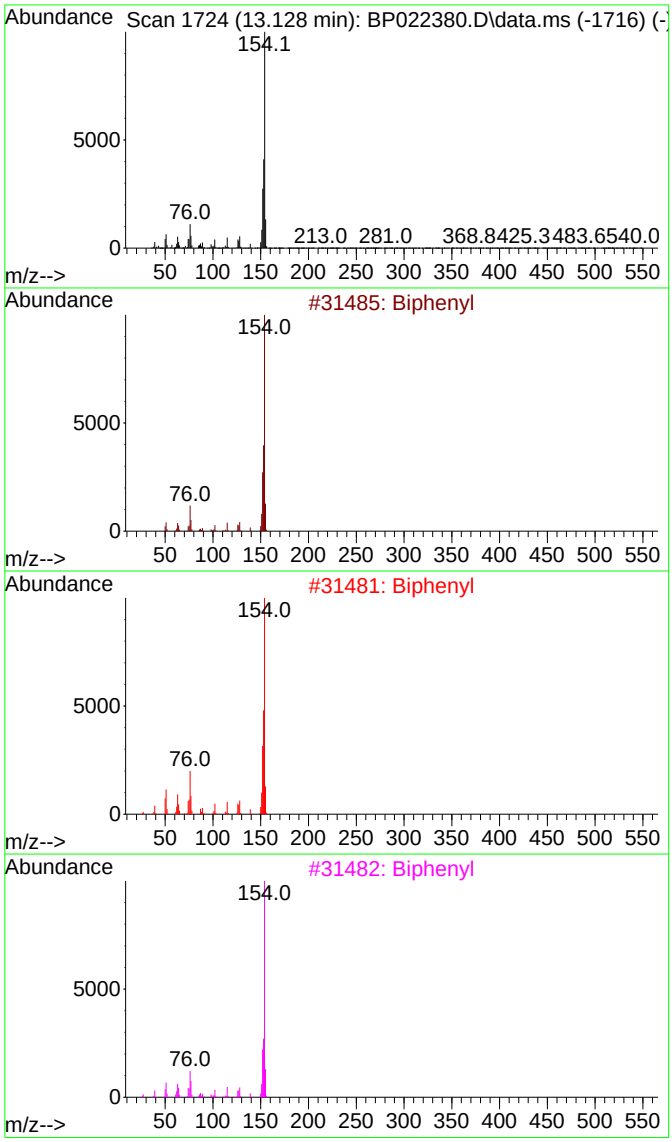
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

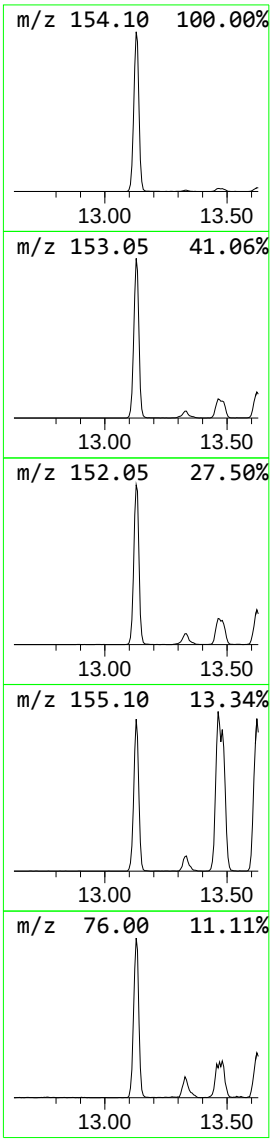
**********

Peak Number 7 Biphenyl Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.128 | 17.32 ng/ul | 1552590 | Acenaphthene-d10 | 14.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Biphenyl | 154 | C12H10 | 000092-52-4 | 95 |
| 2 | Biphenyl | 154 | C12H10 | 000092-52-4 | 93 |
| 3 | Biphenyl | 154 | C12H10 | 000092-52-4 | 93 |
| 4 | Naphthalene, 2-ethenyl- | 154 | C12H10 | 000827-54-3 | 87 |
| 5 | Naphthalene, 2-ethenyl- | 154 | C12H10 | 000827-54-3 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

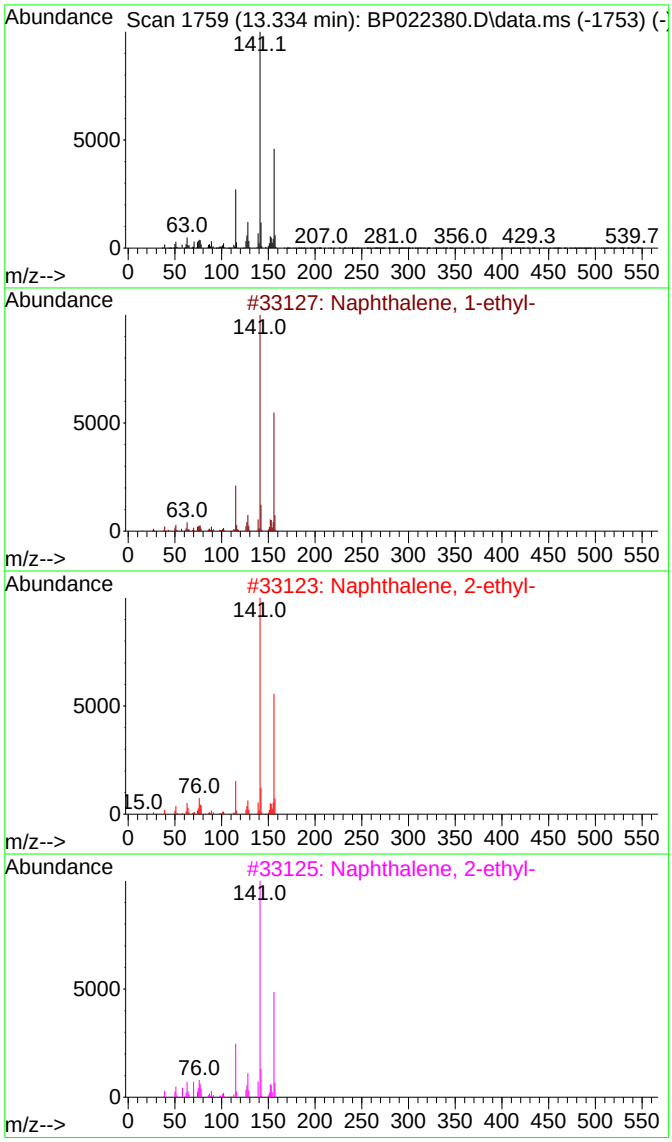
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

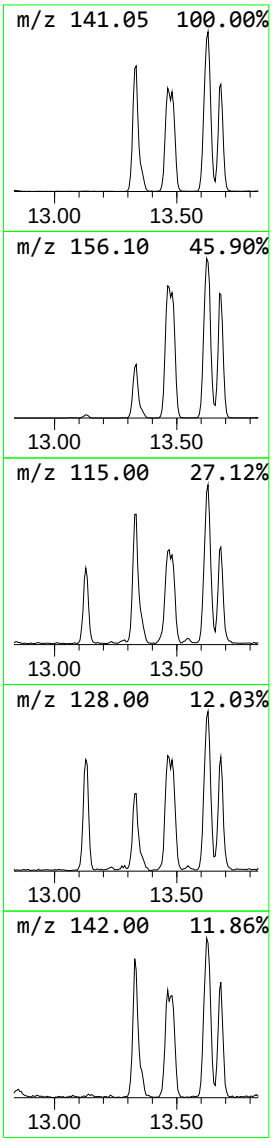
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.334 | 7.06 ng/ul | 633070 | Acenaphthene-d10 | 14.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 95 |
| 2 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 3 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 93 |
| 4 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 93 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

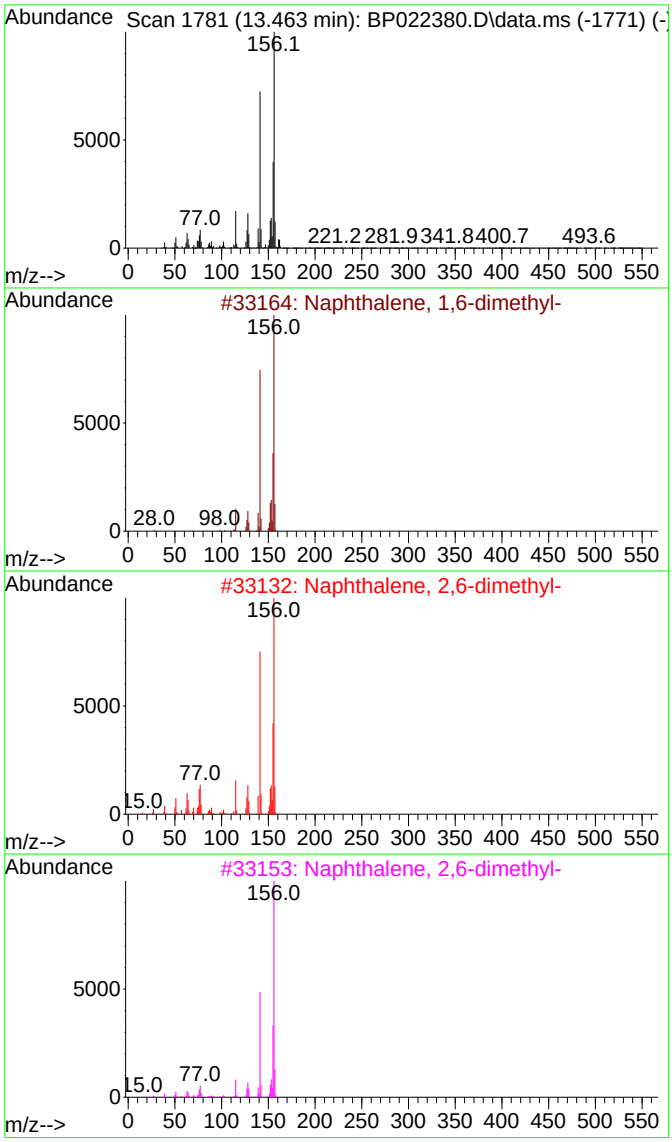
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

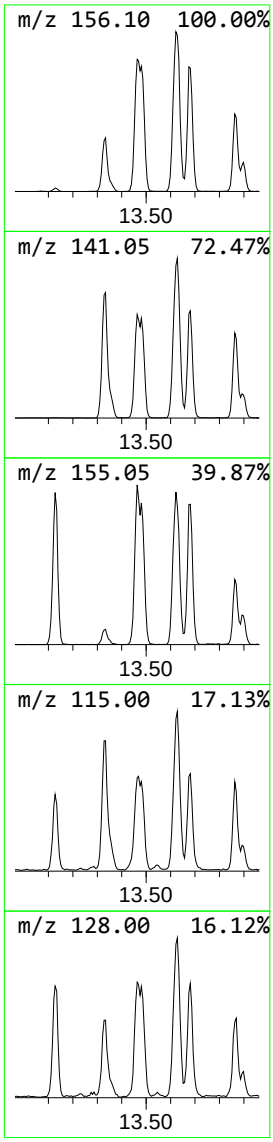
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.463 | 15.47 ng/ul | 1386100 | Acenaphthene-d10 | 14.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 95 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 95 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

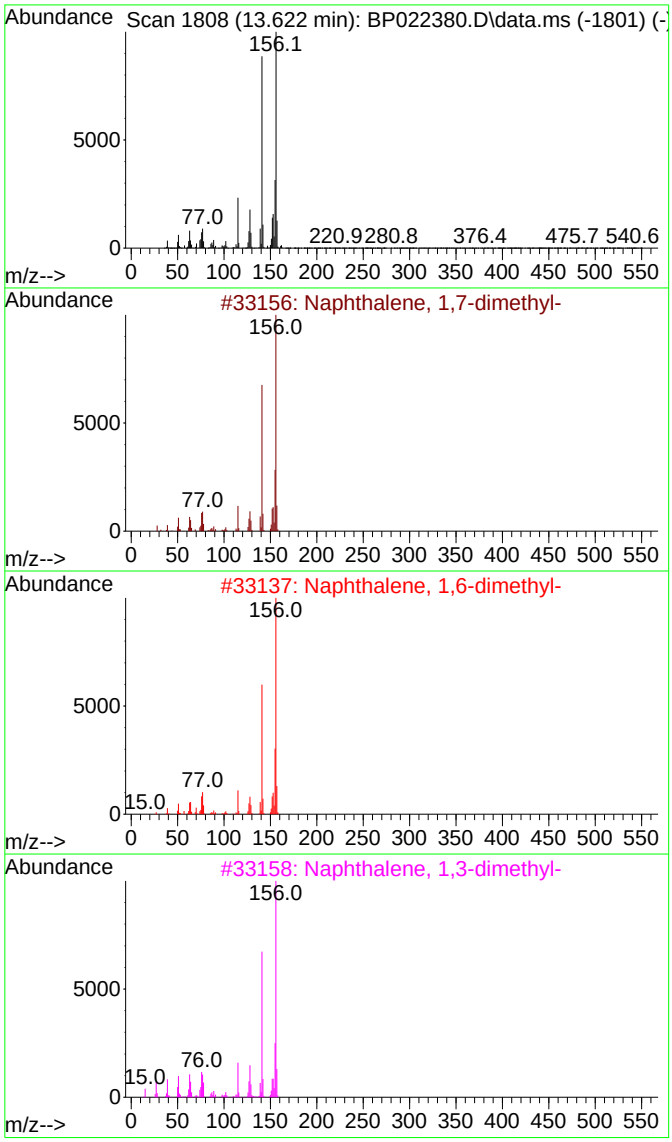
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

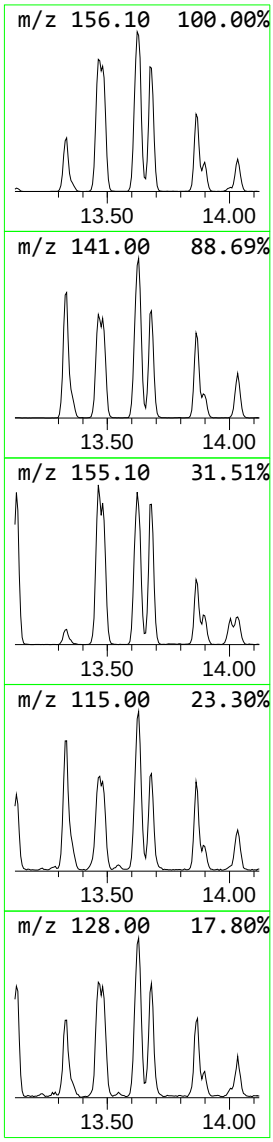
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.622 | 14.28 ng/ul | 1280210 | Acenaphthene-d10 | 14.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 4 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

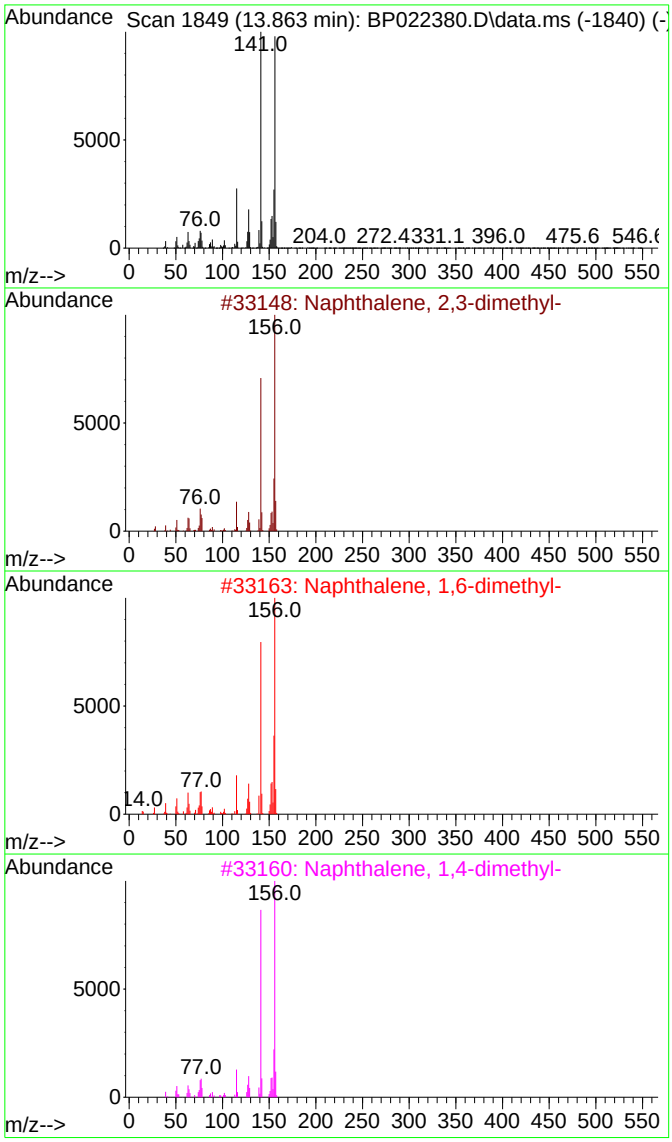
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

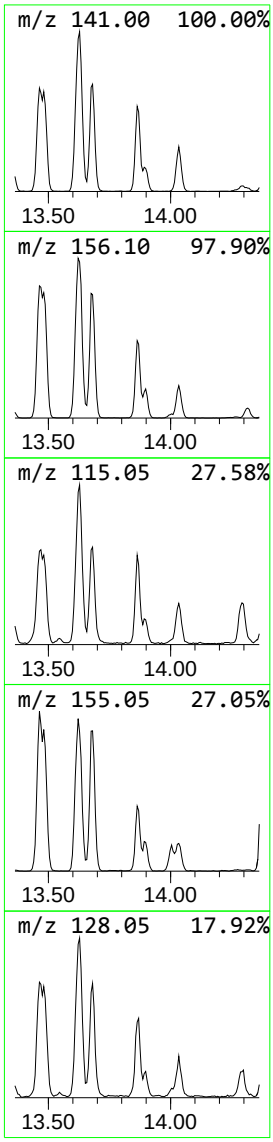
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.863 | 5.59 ng/ul | 501400 | Acenaphthene-d10 | 14.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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

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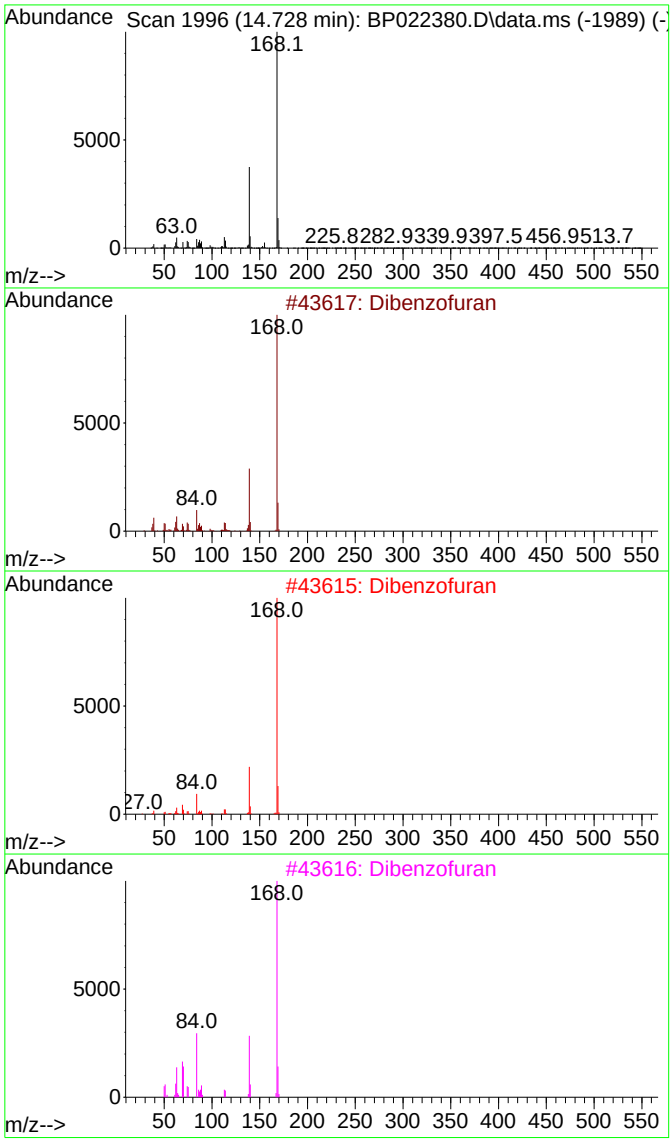
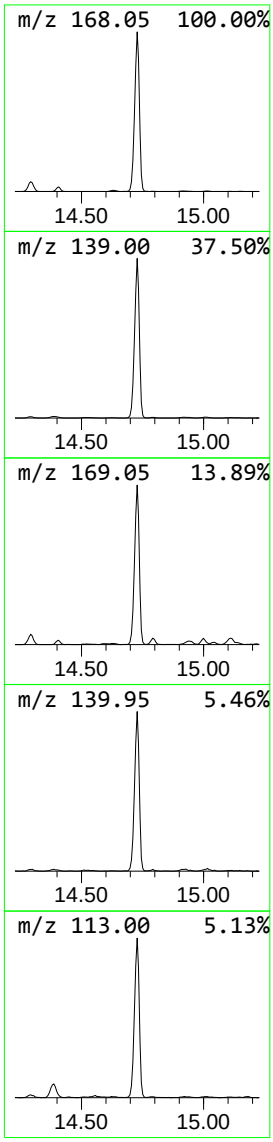
Peak Number 15 Dibenzo furan Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.728 | 61.88 ng/ul | 5545310 | Acenaphthene-d10 | 14.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 87 |
| 2 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 78 |
| 3 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 78 |
| 4 | 2-Amino-6-fluorobenzothiazole | 168 | C7H5FN2S | 000348-40-3 | 64 |
| 5 | 4-Fluoro-1,3-benzothiazol-2-ylamine | 168 | C7H5FN2S | 020358-06-9 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

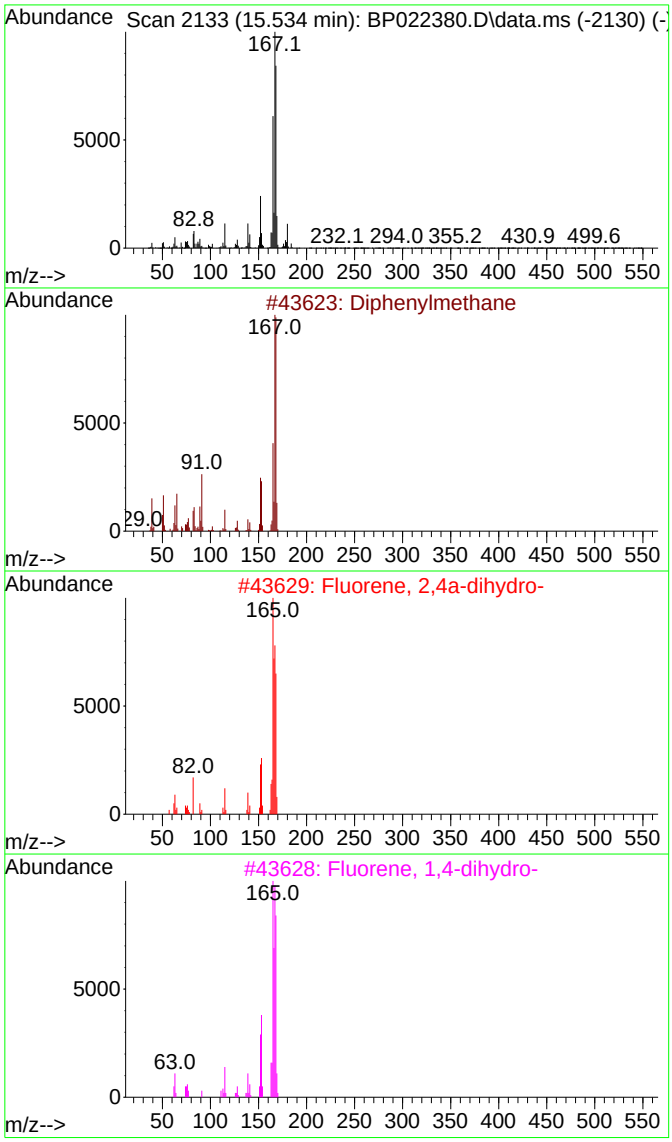
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

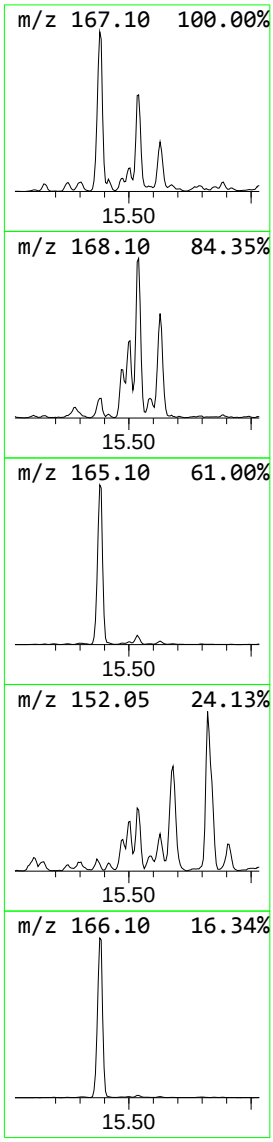
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Diphenylmethane Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.534 | 7.73 ng/ul | 692851 | Acenaphthene-d10 | 14.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 76 |
| 2 | Fluorene, 2,4a-dihydro- | 168 | C13H12 | 059247-36-8 | 76 |
| 3 | Fluorene, 1,4-dihydro- | 168 | C13H12 | 041593-21-9 | 68 |
| 4 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 62 |
| 5 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

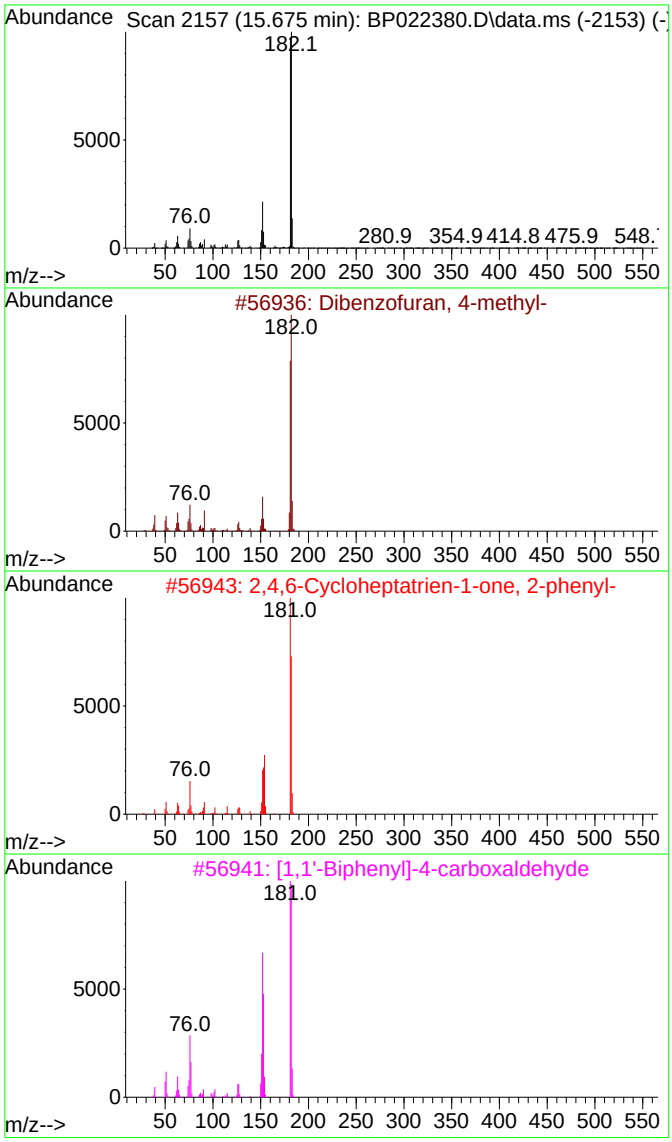
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

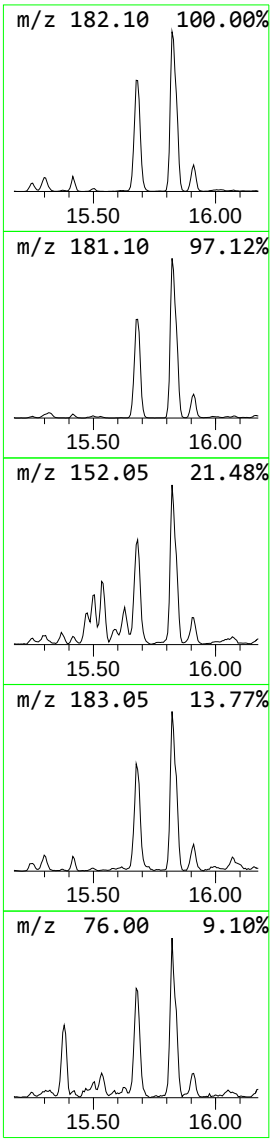
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Dibenzofuran, 4-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.675 | 13.33 ng/ul | 1195000 | Acenaphthene-d10 | 14.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 90 |
| 2 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 86 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 86 |
| 4 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 78 |
| 5 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

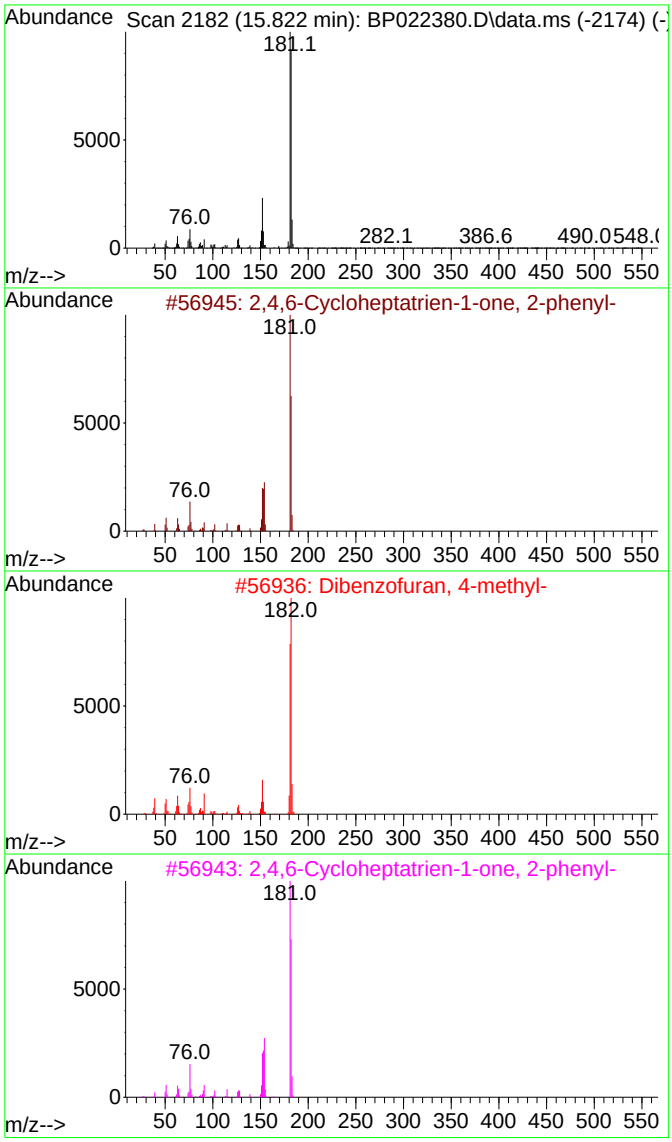
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

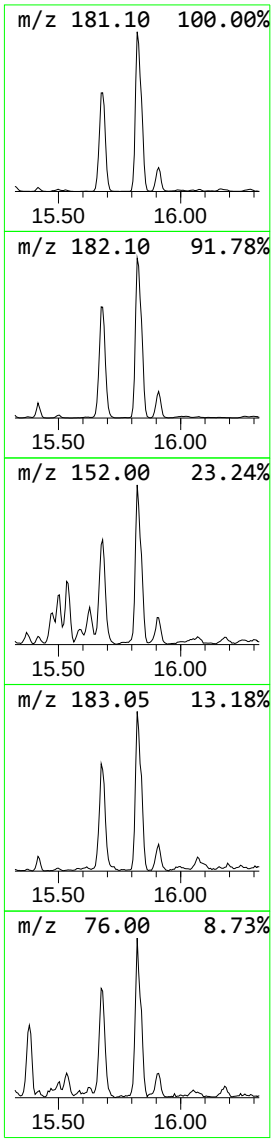
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 2,4,6-Cycloheptatrien-1-one... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.822 | 21.60 ng/ul | 1726440 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 91 |
| 2 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 90 |
| 3 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 90 |
| 4 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 86 |
| 5 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

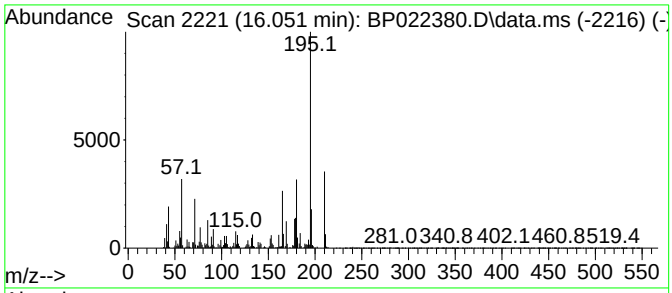
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

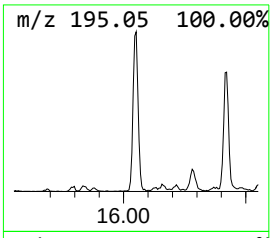
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

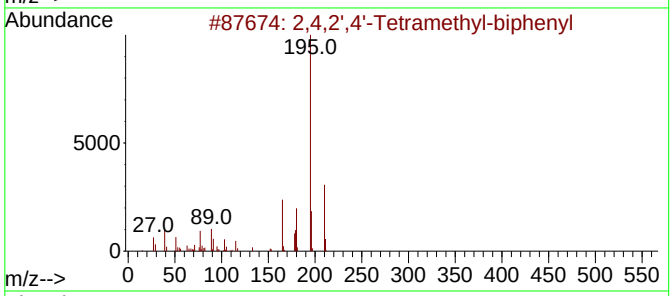
**********
Peak Number 27 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 29

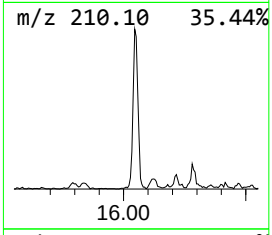
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.051 | 5.01 ng/ul | 400264 | Phenanthrene-d10 | 17.122 |

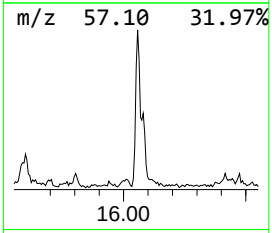
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,2',4'-Tetramethyl-biphenyl | 210 | C16H18 | 1000486-97-7 | 87 |
| 2 | 9,9-Dimethyl-9-silafluorene | 210 | C14H14Si | 013688-68-1 | 62 |
| 3 | 5H-Dibenz[b,f]azepine, 10,11-dih... | 195 | C14H13N | 000494-19-9 | 50 |
| 4 | (4-Acetylphenyl)phenylmethane | 210 | C15H14O | 000782-92-3 | 50 |
| 5 | Stilbene, 4-amino- (E)- | 195 | C14H13N | 004309-66-4 | 50 |

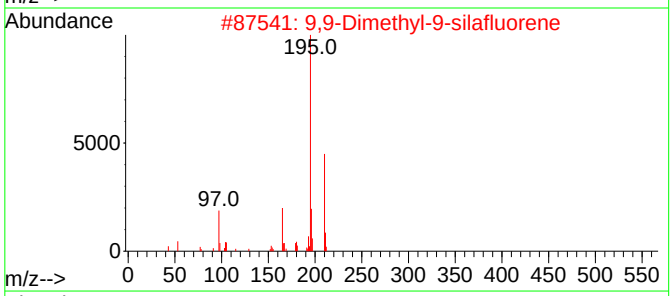


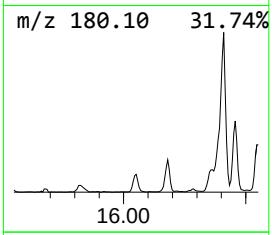



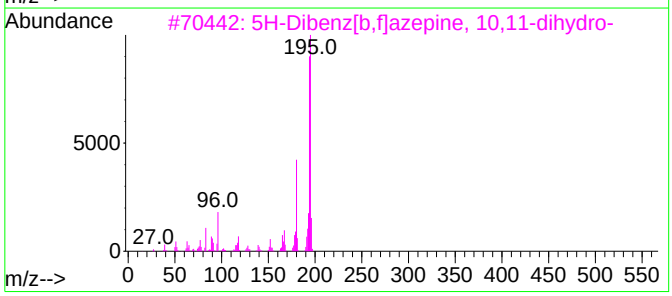



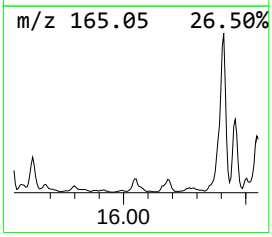



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

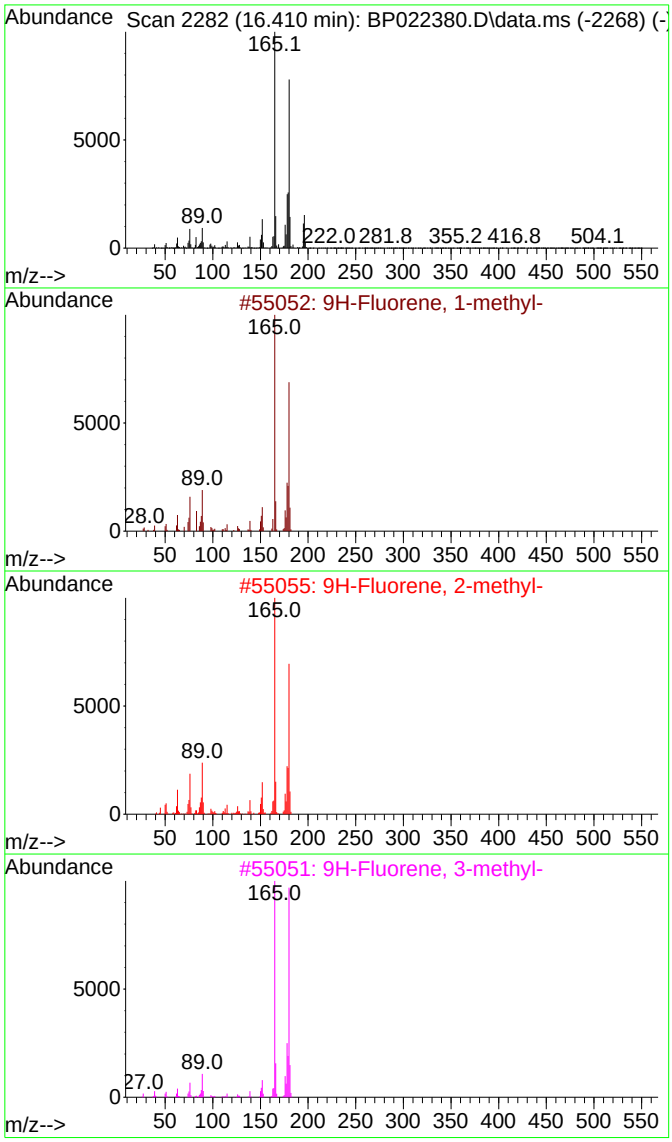
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

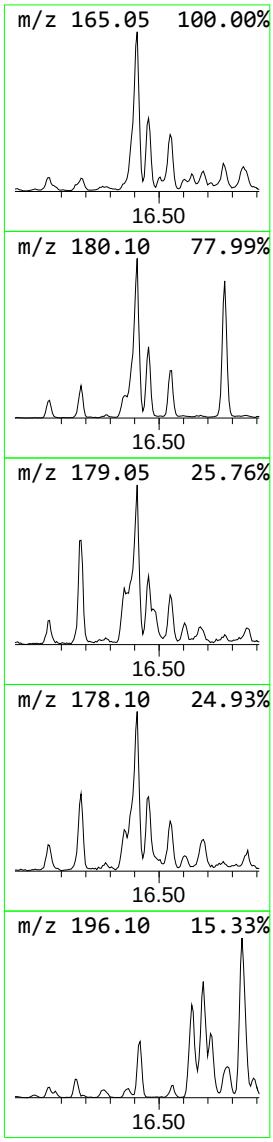
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 9H-Fluorene, 1-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.410 | 12.37 ng/ul | 988394 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 96 |
| 2 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 96 |
| 3 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 93 |
| 4 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 91 |
| 5 | 9H-Fluorene, 4-methyl- | 180 | C14H12 | 001556-99-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

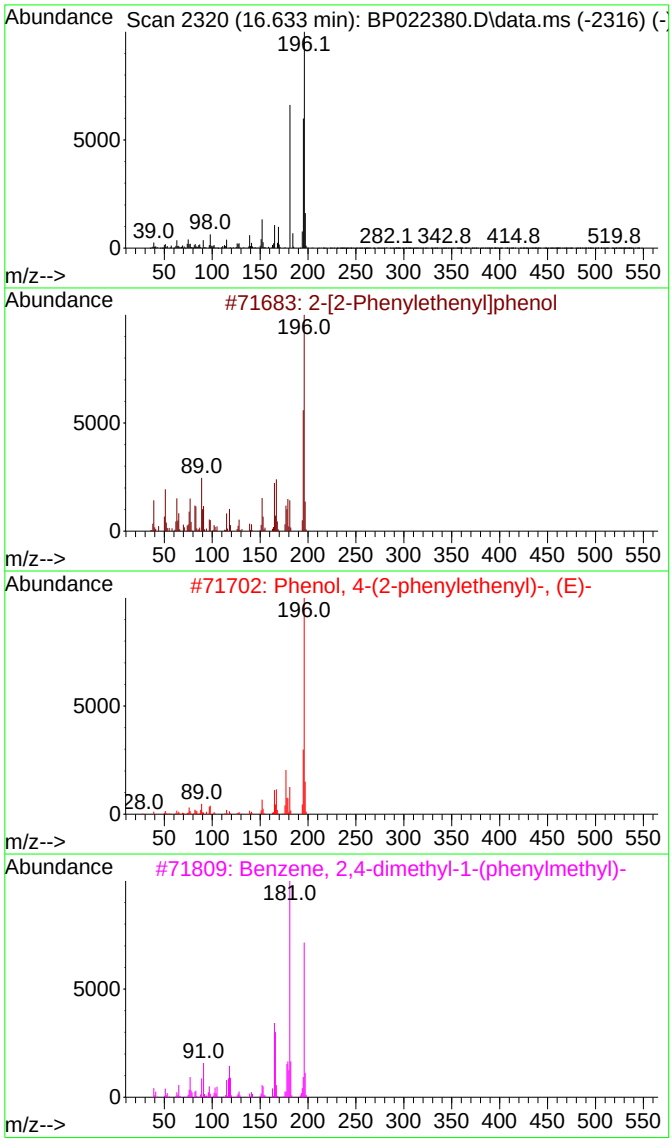
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

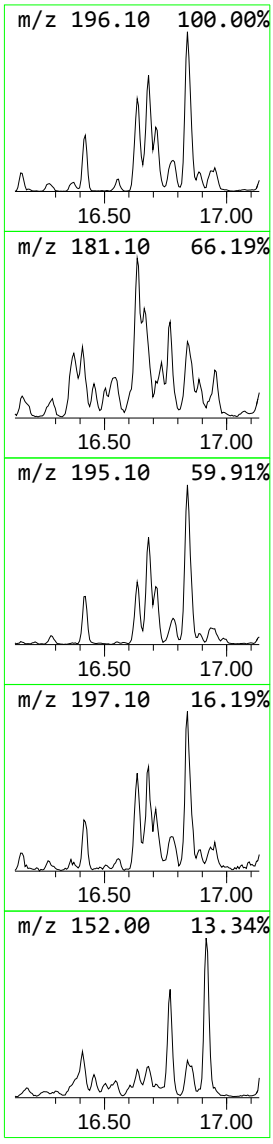
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 2-[2-Phenylethenyl]phenol Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.634 | 5.01 ng/ul | 400604 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-[2-Phenylethenyl]phenol | 196 | C14H12O | 042224-48-6 | 59 |
| 2 | Phenol, 4-(2-phenylethenyl)-, (E)- | 196 | C14H12O | 006554-98-9 | 58 |
| 3 | Benzene, 2,4-dimethyl-1-(phenylm... | 196 | C15H16 | 028122-28-3 | 53 |
| 4 | 8-Dimethylaminonaphthalene-1-car... | 196 | C13H12N2 | 128644-69-9 | 53 |
| 5 | Benzenamine, 4-[(E)-2-(4-pyridin... | 196 | C13H12N2 | 1000351-61-4 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

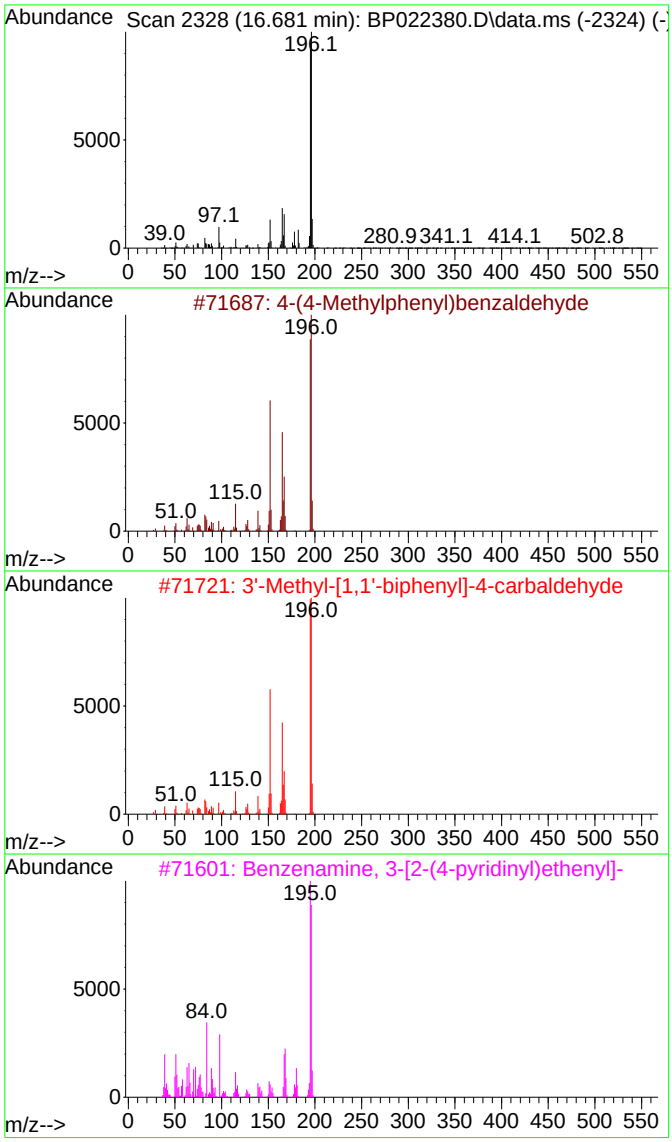
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

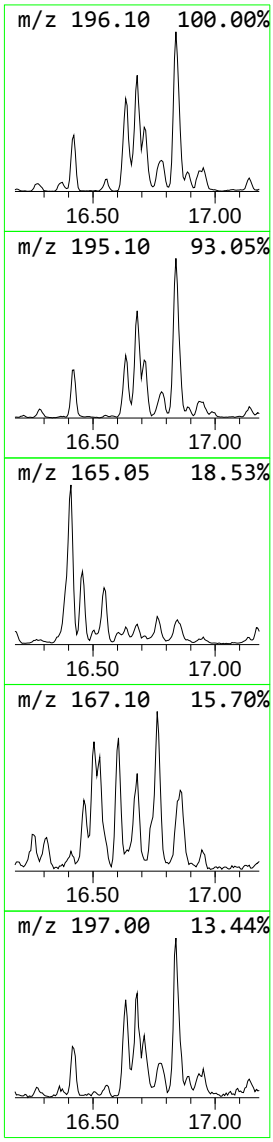
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 4-(4-Methylphenyl)benzaldehyde Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.681 | 5.20 ng/ul | 415519 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-(4-Methylphenyl)benzaldehyde | 196 | C14H12O | 036393-42-7 | 93 |
| 2 | 3'-Methyl-[1,1'-biphenyl]-4-carb... | 196 | C14H12O | 400744-83-4 | 93 |
| 3 | Benzenamine, 3-[2-(4-pyridinyl)e... | 196 | C13H12N2 | 1000337-31-3 | 72 |
| 4 | Phenol, 4-(2-phenylethenyl)-, (E)- | 196 | C14H12O | 006554-98-9 | 70 |
| 5 | Dibenz[c,e]oxepin, 5,7-dihydro- | 196 | C14H12O | 001136-22-7 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

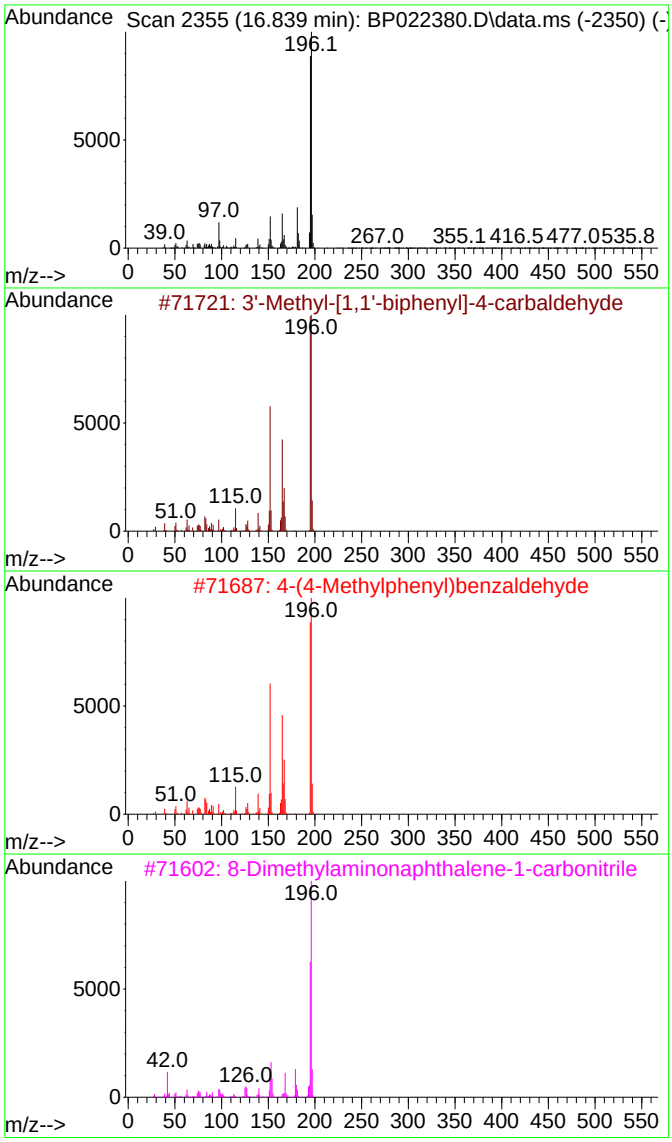
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

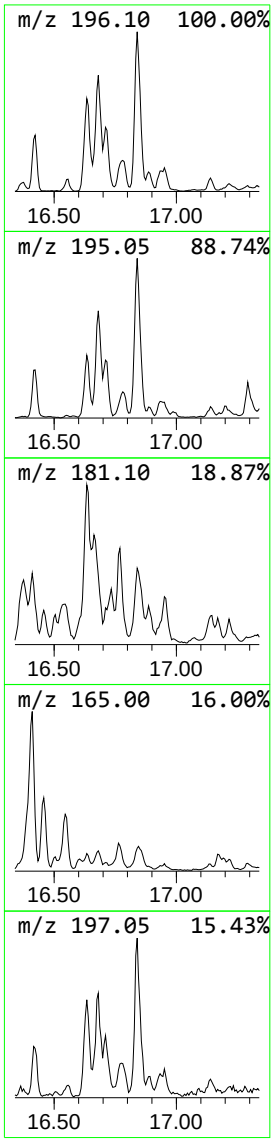
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.839 | 9.66 ng/ul | 772289 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3'-Methyl-[1,1'-biphenyl]-4-carb... | 196 | C14H12O | 400744-83-4 | 87 |
| 2 | 4-(4-Methylphenyl)benzaldehyde | 196 | C14H12O | 036393-42-7 | 83 |
| 3 | 8-Dimethylaminonaphthalene-1-car... | 196 | C13H12N2 | 128644-69-9 | 80 |
| 4 | Benzenamine, 3-[2-(4-pyridinyl)e... | 196 | C13H12N2 | 1000337-31-3 | 72 |
| 5 | 2,4,6-Trimethoxybenzaldehyde | 196 | C10H12O4 | 000830-79-5 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

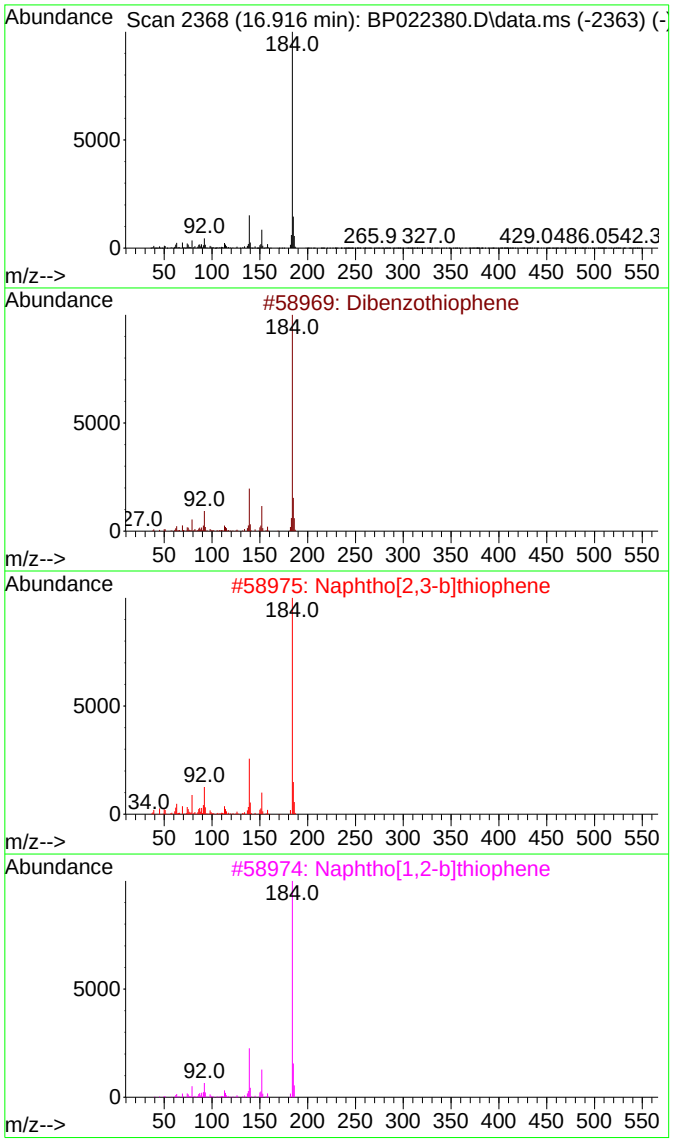
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

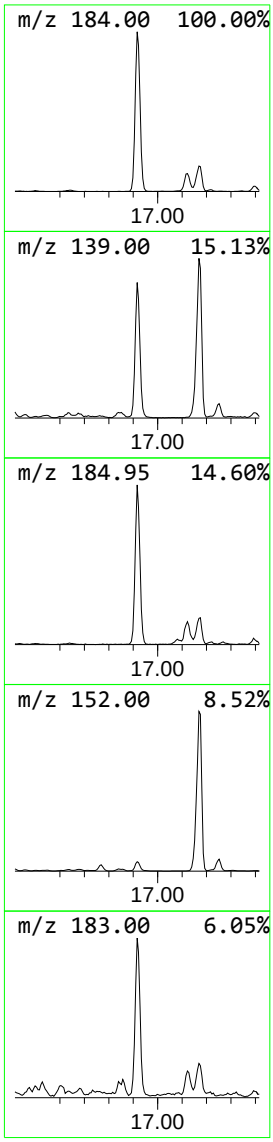
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Dibenzothiophene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.916 | 24.32 ng/ul | 1943340 | Phenanthrene-d10 | 17.122 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

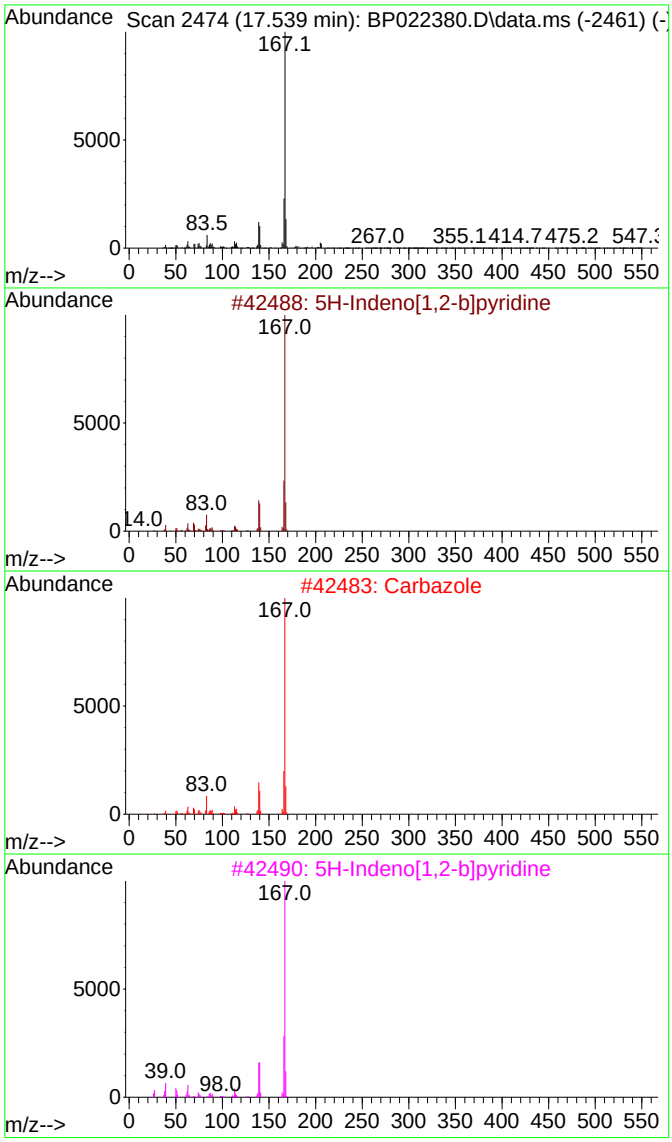
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

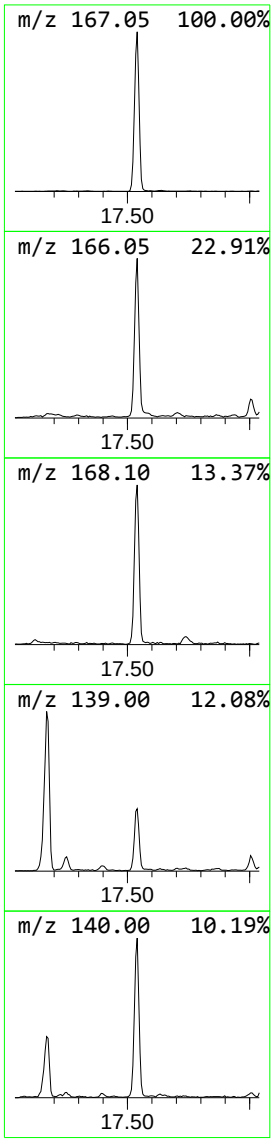
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 5H-Indeno[1,2-b]pyridine Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.539 | 18.16 ng/ul | 1451410 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 95 |
| 2 | Carbazole | 167 | C12H9N | 000086-74-8 | 95 |
| 3 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 93 |
| 4 | Carbazole | 167 | C12H9N | 000086-74-8 | 87 |
| 5 | 9H-Carbazole-9-methanol | 197 | C13H11NO | 002409-36-1 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

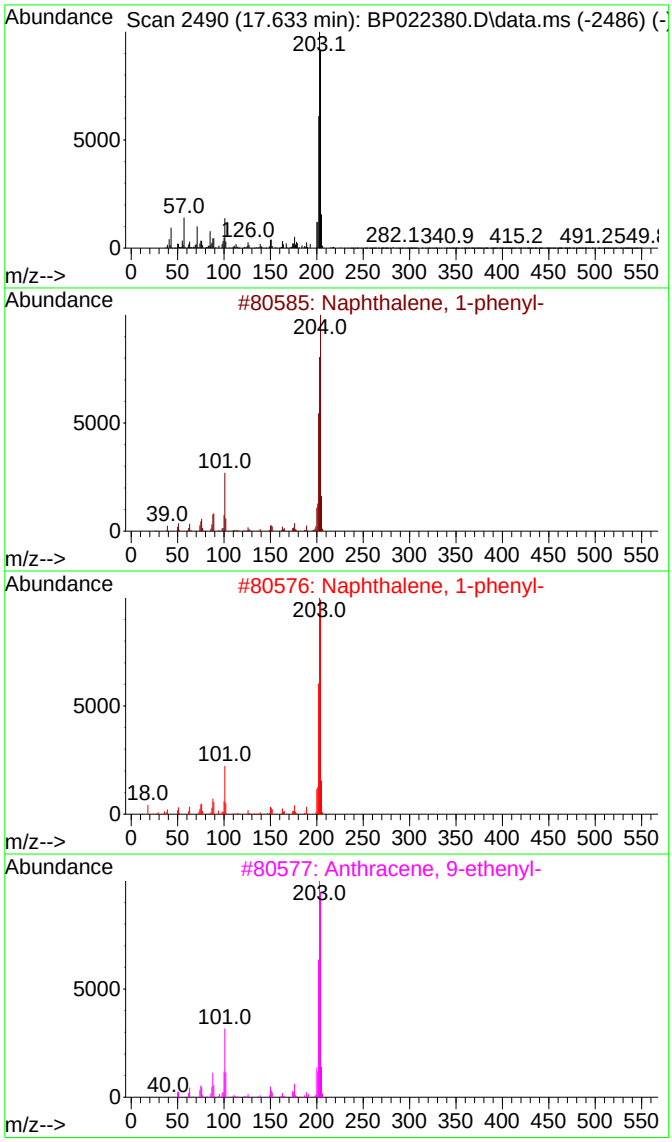
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

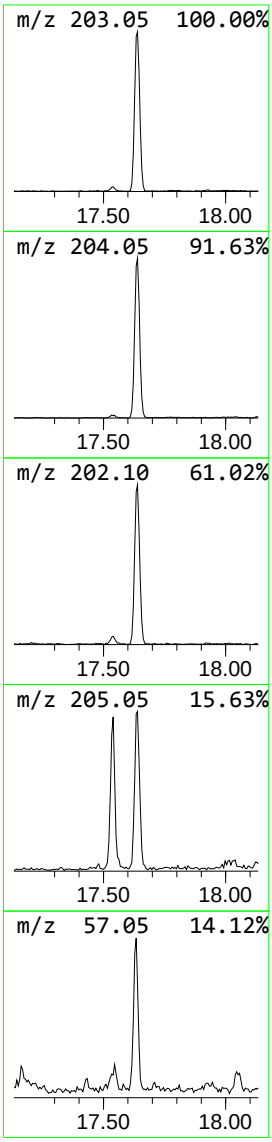
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 Naphthalene, 1-phenyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.633 | 5.53 ng/ul | 441579 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 95 |
| 2 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 95 |
| 3 | Anthracene, 9-ethenyl- | 204 | C16H12 | 002444-68-0 | 89 |
| 4 | Indeno[2,1-a]indene, 5,10-dihydro- | 204 | C16H12 | 006543-29-9 | 78 |
| 5 | Cyclobuta[1'',2'':3,4:3'',4'':3'... | 204 | C16H12 | 006574-36-3 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

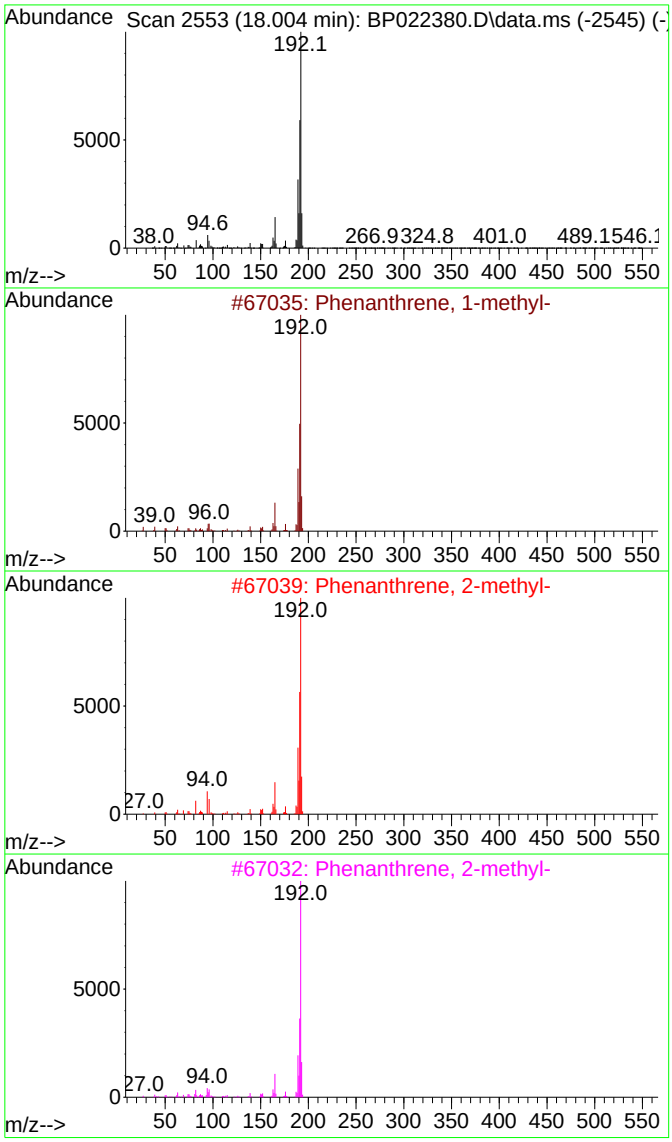
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

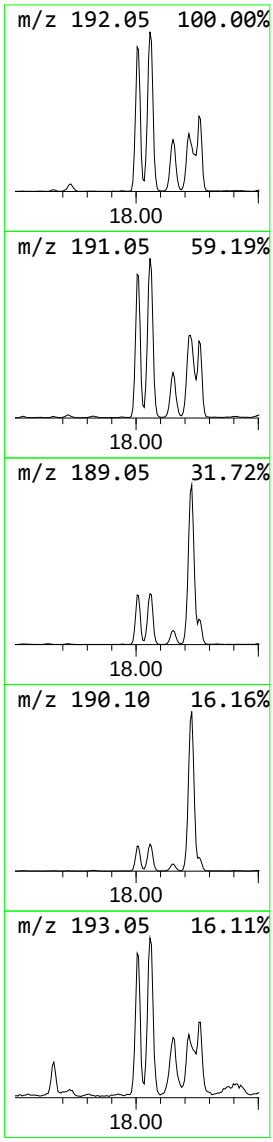
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 Phenanthrene, 1-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.004 | 22.43 ng/ul | 1792450 | Phenanthrene-d10 | 17.122 |

| 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 | 95 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 5 | 1H-Indene, 1-phenyl- | 192 | C15H12 | 001961-96-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

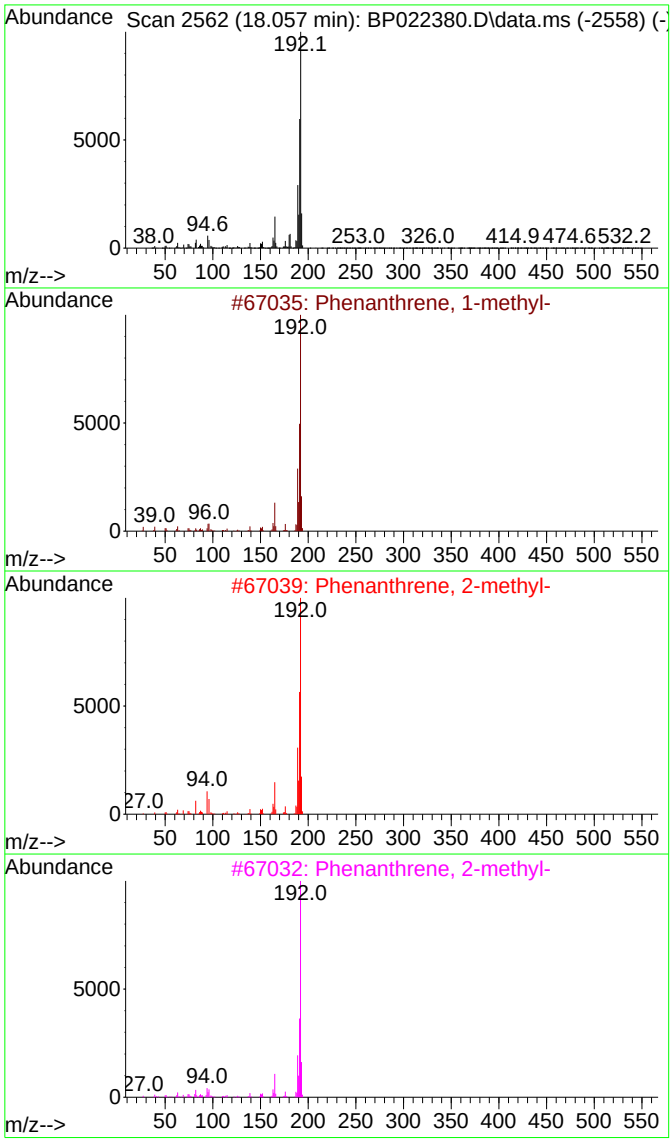
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

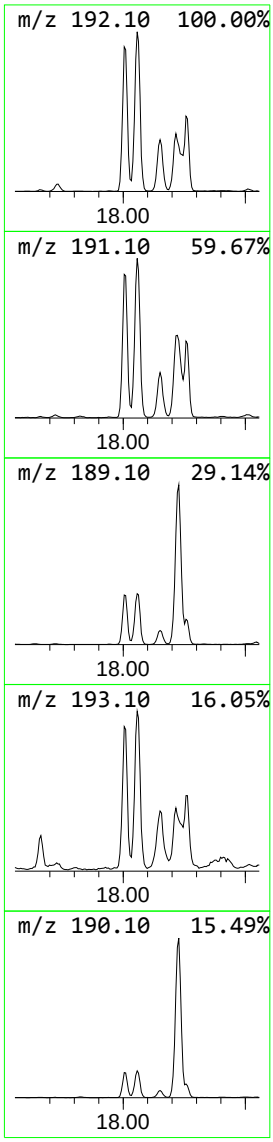
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 Phenanthrene, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.057 | 28.32 ng/ul | 2263660 | Phenanthrene-d10 | 17.122 |

| 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 | 95 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

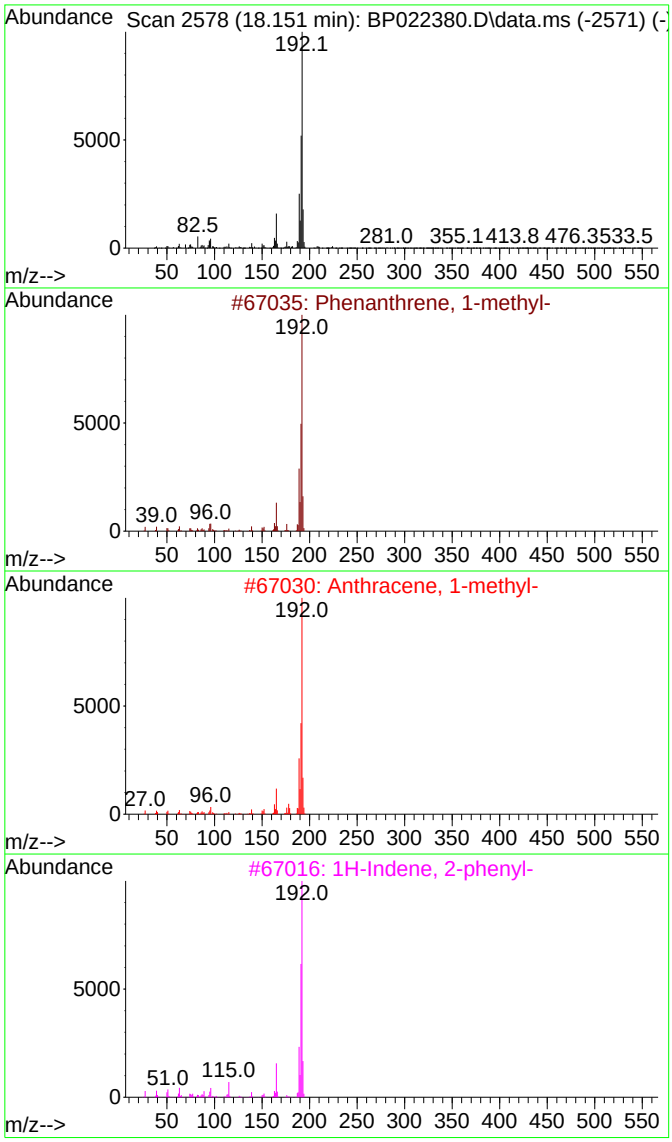
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

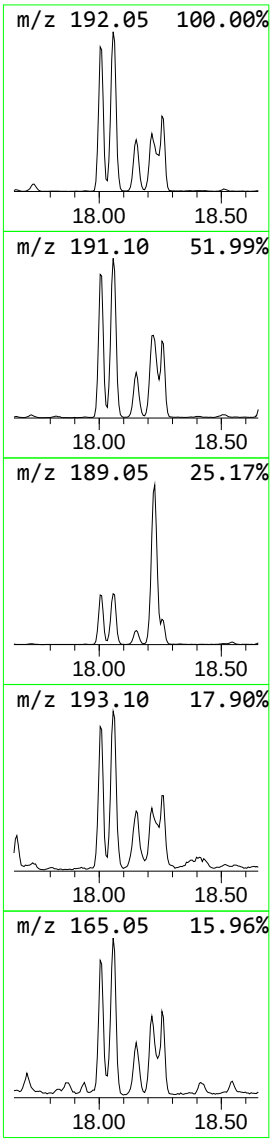
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 Anthracene, 1-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.151 | 9.27 ng/ul | 740512 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |
| 3 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 94 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

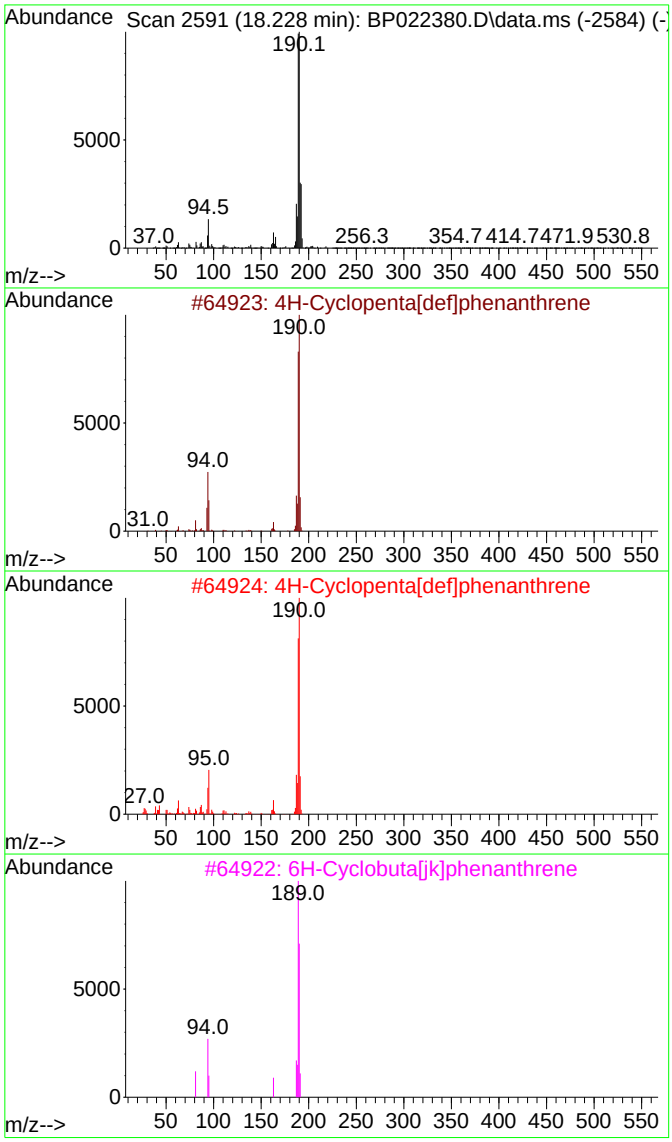
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

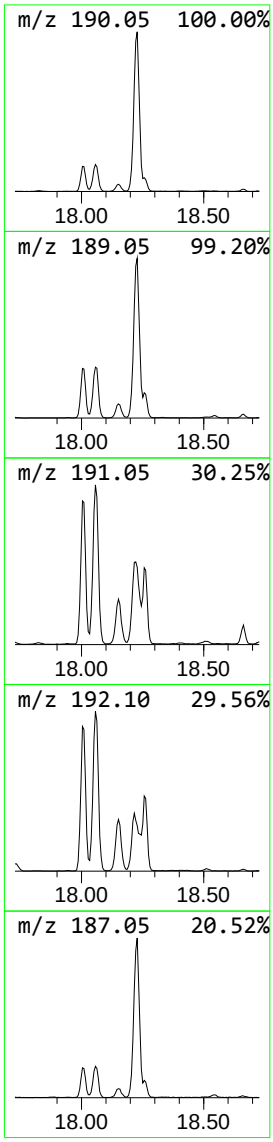
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.227 | 37.40 ng/ul | 2989400 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 83 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 68 |
| 3 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 64 |
| 4 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 50 |
| 5 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

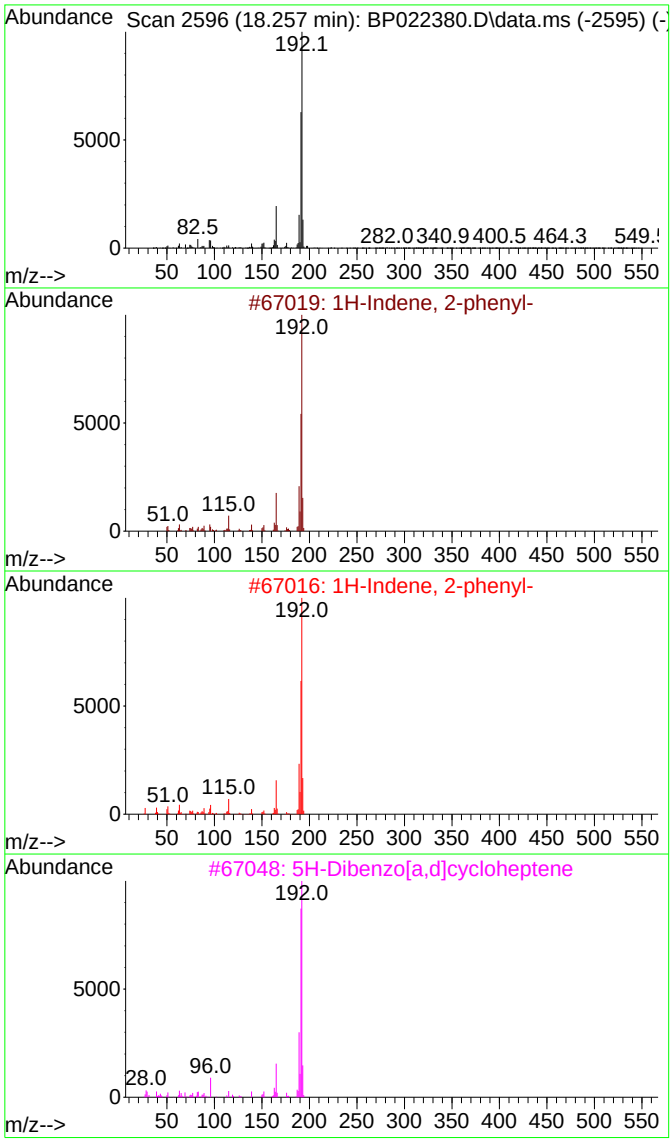
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

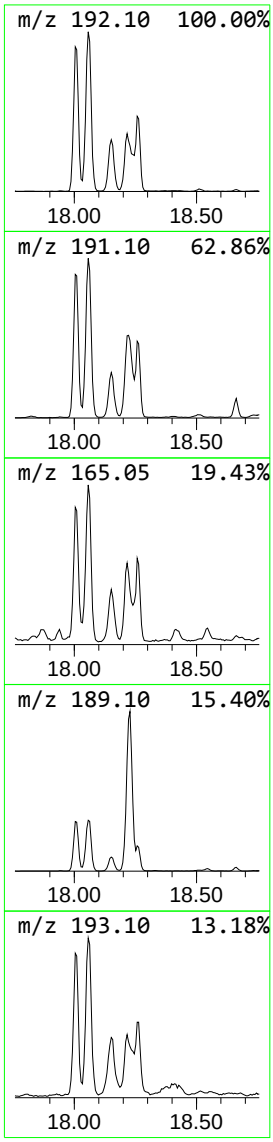
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 1H-Indene, 2-phenyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.257 | 7.95 ng/ul | 635084 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 87 |
| 2 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 87 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 81 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 81 |
| 5 | 1a,9b-Dihydro-1H-cyclopropa[a]an... | 192 | C15H12 | 006109-24-6 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

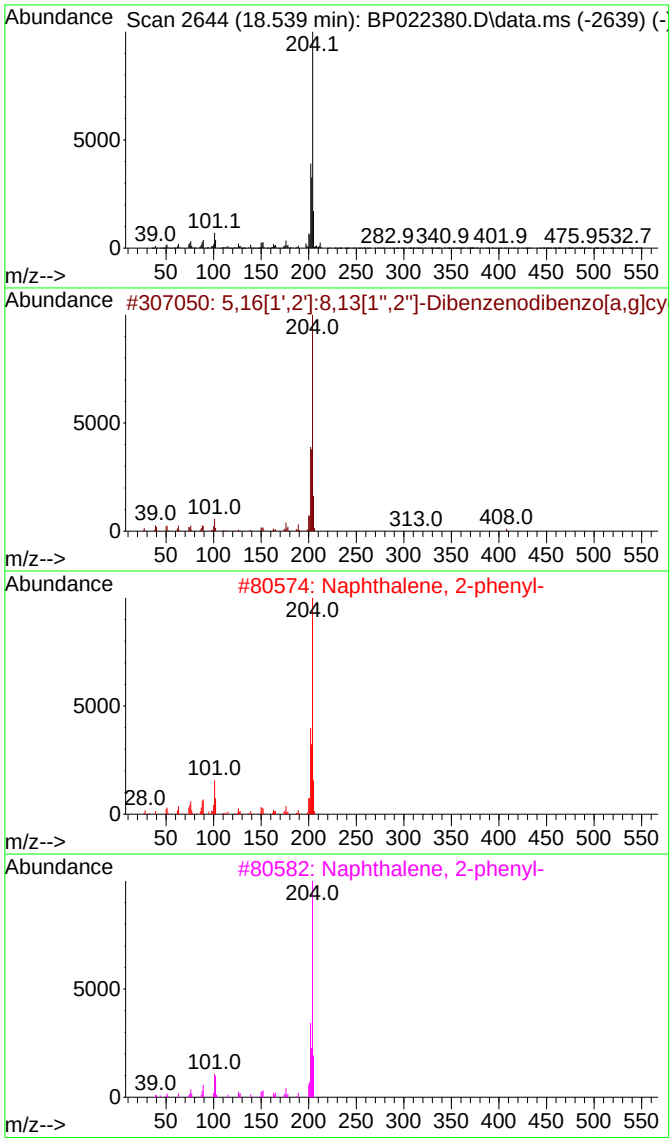
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

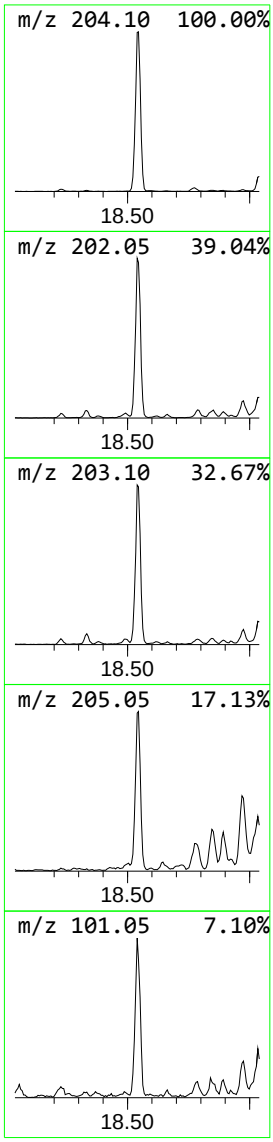
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.539 | 15.27 ng/ul | 1220640 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 91 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 86 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |
| 5 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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

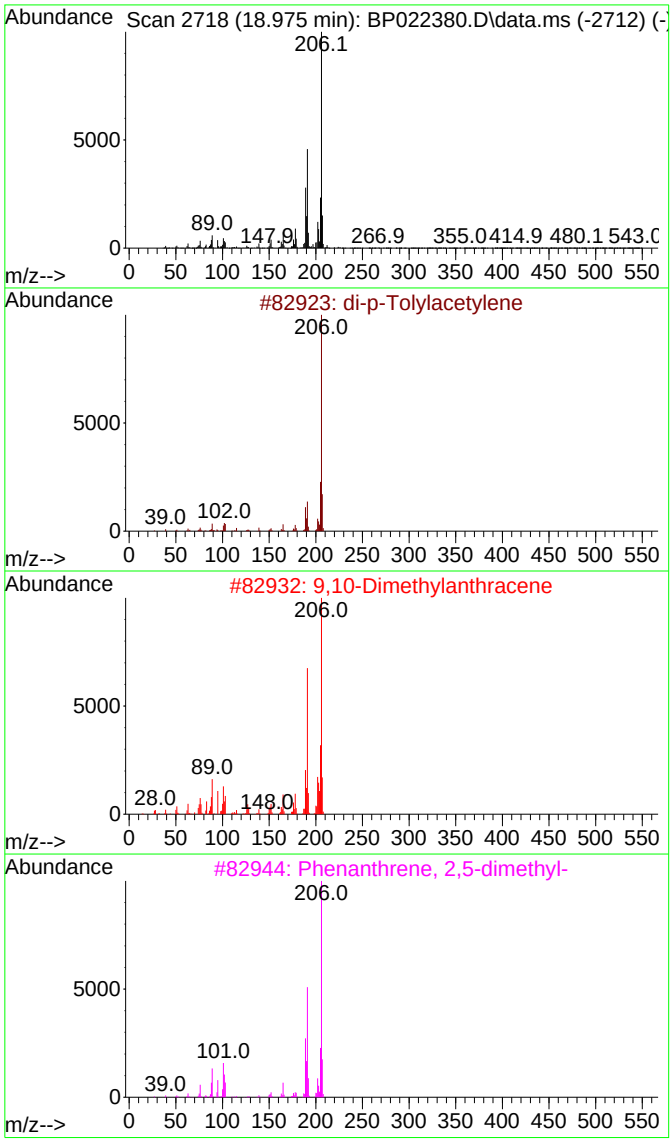
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

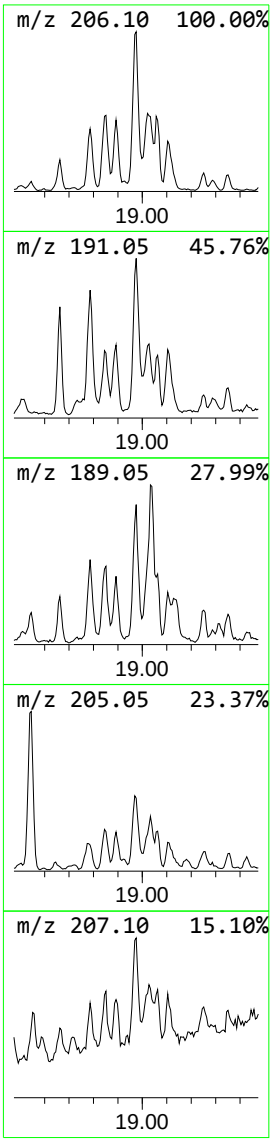
**********

Peak Number 52 di-p-Tolylacetylene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.974 | 7.34 ng/ul | 587032 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 94 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

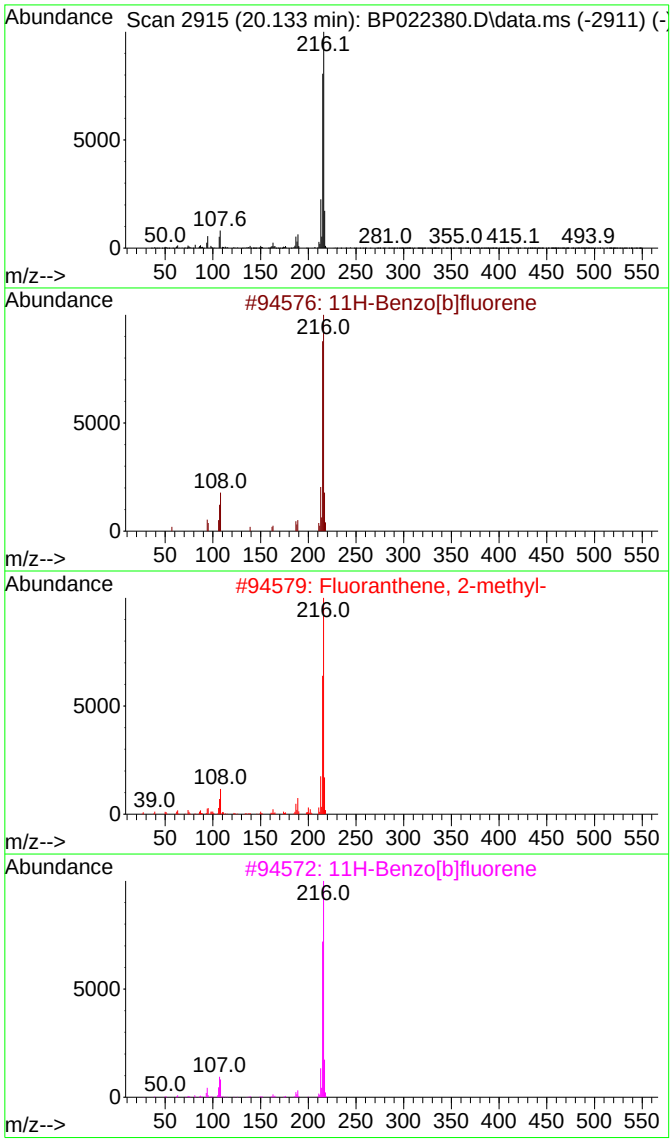
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

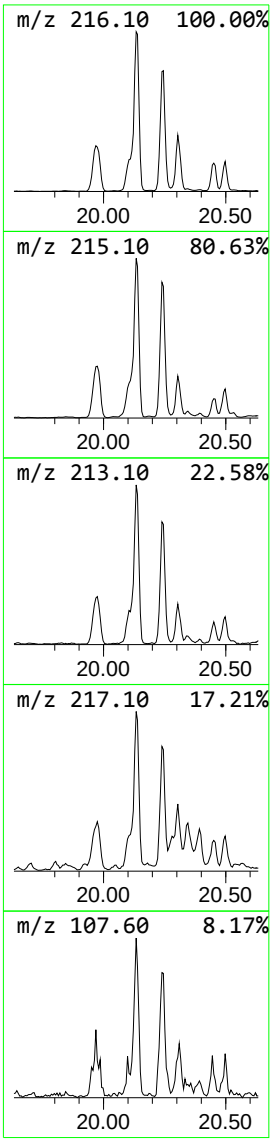
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 11H-Benzo[b]fluorene Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.133 | 5.19 ng/ul | 1477240 | Chrysene-d12 | 21.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 93 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 93 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 90 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022380.D
Acq On : 15 Oct 2024 08:21
Operator : RC/JU
Sample : P4264-02DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCYN6DL

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 |
| Cyclohexene | 3.028 | 74.1 | ng/ul | 2019760 | 1 | 7.699 | 544924 | 20.0 |
| 2-Cyclohexen-1-one | 6.352 | 6.7 | ng/ul | 181504 | 1 | 7.699 | 544924 | 20.0 |
| Benzene, 1,1'-(... | 8.069 | 6.6 | ng/ul | 180619 | 1 | 7.699 | 544924 | 20.0 |
| 2,4-Dimethylsty... | 9.863 | 4.4 | ng/ul | 153030 | 2 | 10.457 | 698962 | 20.0 |
| Benzo[b]thiophene | 10.622 | 17.5 | ng/ul | 613030 | 2 | 10.457 | 698962 | 20.0 |
| Biphenyl | 13.128 | 17.3 | ng/ul | 1552590 | 3 | 14.316 | 1792400 | 20.0 |
| Naphthalene, 1-... | 13.334 | 7.1 | ng/ul | 633070 | 3 | 14.316 | 1792400 | 20.0 |
| Naphthalene, 1,... | 13.463 | 15.5 | ng/ul | 1386100 | 3 | 14.316 | 1792400 | 20.0 |
| Naphthalene, 1,... | 13.622 | 14.3 | ng/ul | 1280210 | 3 | 14.316 | 1792400 | 20.0 |
| Naphthalene, 2,... | 13.863 | 5.6 | ng/ul | 501400 | 3 | 14.316 | 1792400 | 20.0 |
| Dibenzo furan | 14.728 | 61.9 | ng/ul | 5545310 | 3 | 14.316 | 1792400 | 20.0 |
| Diphenylmethane | 15.534 | 7.7 | ng/ul | 692851 | 3 | 14.316 | 1792400 | 20.0 |
| Dibenzofuran, 4... | 15.675 | 13.3 | ng/ul | 1195000 | 3 | 14.316 | 1792400 | 20.0 |
| 2,4,6-Cycloheptt... | 15.822 | 21.6 | ng/ul | 1726440 | 4 | 17.122 | 1598450 | 20.0 |
| 2,4,2',4'-Tetra... | 16.051 | 5.0 | ng/ul | 400264 | 4 | 17.122 | 1598450 | 20.0 |
| 9H-Fluorene, 1-... | 16.410 | 12.4 | ng/ul | 988394 | 4 | 17.122 | 1598450 | 20.0 |
| 2-[2-Phenylethe... | 16.634 | 5.0 | ng/ul | 400604 | 4 | 17.122 | 1598450 | 20.0 |
| 4-(4-Methylphen... | 16.681 | 5.2 | ng/ul | 415519 | 4 | 17.122 | 1598450 | 20.0 |
| 3'-Methyl-[1,1'... | 16.839 | 9.7 | ng/ul | 772289 | 4 | 17.122 | 1598450 | 20.0 |
| Dibenzothiophene | 16.916 | 24.3 | ng/ul | 1943340 | 4 | 17.122 | 1598450 | 20.0 |
| 5H-Indeno[1,2-b... | 17.539 | 18.2 | ng/ul | 1451410 | 4 | 17.122 | 1598450 | 20.0 |
| Naphthalene, 1-... | 17.633 | 5.5 | ng/ul | 441579 | 4 | 17.122 | 1598450 | 20.0 |
| Phenanthrene, 1... | 18.004 | 22.4 | ng/ul | 1792450 | 4 | 17.122 | 1598450 | 20.0 |
| Phenanthrene, 2... | 18.057 | 28.3 | ng/ul | 2263660 | 4 | 17.122 | 1598450 | 20.0 |
| Anthracene, 1-m... | 18.151 | 9.3 | ng/ul | 740512 | 4 | 17.122 | 1598450 | 20.0 |
| 4H-Cyclopenta[d... | 18.227 | 37.4 | ng/ul | 2989400 | 4 | 17.122 | 1598450 | 20.0 |
| 1H-Indene, 2-ph... | 18.257 | 8.0 | ng/ul | 635084 | 4 | 17.122 | 1598450 | 20.0 |
| 5,16[1',2']:8,1... | 18.539 | 15.3 | ng/ul | 1220640 | 4 | 17.122 | 1598450 | 20.0 |
| di-p-Tolylacety... | 18.974 | 7.3 | ng/ul | 587032 | 4 | 17.122 | 1598450 | 20.0 |
| 11H-Benzo[b]flu... | 20.133 | 5.2 | ng/ul | 1477240 | 5 | 21.545 | 5689380 | 20.0 |