LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

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-BP120722.M
Title : SVOA CALIBRATION

Signal : TIC: BP013035.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.781 | 98 | 101 | 116 | rBV | 857251 | 1410752 | 1.77% | 0.176% |
| 2 | 7.128 | 660 | 670 | 680 | rBV | 3168839 | 5011468 | 6.29% | 0.627% |
| 3 | 7.299 | 692 | 699 | 710 | rVB | 2591391 | 4027120 | 5.05% | 0.504% |
| 4 | 7.499 | 726 | 733 | 743 | rBV | 3224798 | 5055372 | 6.34% | 0.632% |
| 5 | 7.969 | 806 | 813 | 821 | rBV | 2434898 | 3850747 | 4.83% | 0.482% |
| 6 | 8.681 | 926 | 934 | 949 | rBV | 3973143 | 6590929 | 8.27% | 0.824% |
| 7 | 9.140 | 1004 | 1012 | 1025 | rBV | 3091082 | 5125814 | 6.43% | 0.641% |
| 8 | 9.863 | 1127 | 1135 | 1147 | rBV | 2687158 | 4396838 | 5.52% | 0.550% |
| 9 | 10.399 | 1218 | 1226 | 1238 | rBV | 4191561 | 7045316 | 8.84% | 0.881% |
| 10 | 10.787 | 1281 | 1292 | 1297 | rBV | 3550170 | 5958194 | 7.47% | 0.745% |
| 11 | 10.922 | 1308 | 1315 | 1331 | rVB | 2791945 | 4801959 | 6.02% | 0.601% |
| 12 | 12.440 | 1566 | 1573 | 1580 | rVB | 649362 | 995968 | 1.25% | 0.125% |
| 13 | 14.016 | 1832 | 1841 | 1847 | rVV | 7431449 | 10621253 | 13.32% | 1.329% |
| 14 | 14.304 | 1884 | 1890 | 1908 | rVV | 8702471 | 14186999 | 17.80% | 1.775% |
| 15 | 14.498 | 1918 | 1923 | 1928 | rBV | 714448 | 918461 | 1.15% | 0.115% |
| 16 | 14.610 | 1932 | 1942 | 1948 | rVV | 5596767 | 8440873 | 10.59% | 1.056% |
| 17 | 14.675 | 1948 | 1953 | 1961 | rVB | 3079644 | 4325774 | 5.43% | 0.541% |
| 18 | 14.804 | 1969 | 1975 | 1986 | rVB | 3031376 | 4642378 | 5.82% | 0.581% |
| 19 | 15.010 | 2004 | 2010 | 2016 | rVV | 3072535 | 4566411 | 5.73% | 0.571% |
| 20 | 15.451 | 2079 | 2085 | 2089 | rVB | 859346 | 1238089 | 1.55% | 0.155% |
| 21 | 15.604 | 2104 | 2111 | 2116 | rBV | 10860507 | 15899508 | 19.94% | 1.989% |
| 22 | 15.663 | 2116 | 2121 | 2126 | rVV | 8364755 | 11648574 | 14.61% | 1.457% |
| 23 | 15.722 | 2126 | 2131 | 2138 | rVV | 3411787 | 4714626 | 5.91% | 0.590% |
| 24 | 15.910 | 2159 | 2163 | 2166 | rVV | 595550 | 852449 | 1.07% | 0.107% |
| 25 | 15.951 | 2166 | 2170 | 2176 | rVB | 1046669 | 1531382 | 1.92% | 0.192% |
| 26 | 16.098 | 2192 | 2195 | 2203 | rVB | 982642 | 1965735 | 2.47% | 0.246% |
| 27 | 16.316 | 2227 | 2232 | 2234 | rBV | 1838256 | 2645542 | 3.32% | 0.331% |
| 28 | 16.663 | 2281 | 2291 | 2296 | rBV3 | 1109644 | 2341831 | 2.94% | 0.293% |
| 29 | 16.892 | 2323 | 2330 | 2333 | rBV2 | 654474 | 1224102 | 1.54% | 0.153% |
| 30 | 17.016 | 2347 | 2351 | 2357 | rVB3 | 637380 | 1021535 | 1.28% | 0.128% |
| 31 | 17.110 | 2360 | 2367 | 2372 | rVV3 | 1977613 | 3677349 | 4.61% | 0.460% |
| 32 | 17.181 | 2373 | 2379 | 2388 | rVB2 | 2207382 | 4493022 | 5.64% | 0.562% |
| 33 | 17.369 | 2405 | 2411 | 2414 | rBV | 6513675 | 9822780 | 12.32% | 1.229% |
| 34 | 17.416 | 2414 | 2419 | 2424 | rVB | 22511854 | 34675999 | 43.49% | 4.338% |
| 35 | 17.522 | 2430 | 2437 | 2442 | rVB3 | 32023784 | 79724317 | 100.00% | 9.973% |
| 36 | 17.563 | 2442 | 2444 | 2454 | rVB | 1353944 | 1852868 | 2.32% | 0.232% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

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-BP120722.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.651 | 2454 | 2459 | 2467 | rVB | 1251347 | 2073774 | 2.60% | 0.259% |
| 38 | 17.775 | 2474 | 2480 | 2489 | rBV | 12842734 | 18800180 | 23.58% | 2.352% |
| 39 | 17.851 | 2489 | 2493 | 2496 | rVV | 1740799 | 2056800 | 2.58% | 0.257% |
| 40 | 17.886 | 2496 | 2499 | 2504 | rVV | 861151 | 1143619 | 1.43% | 0.143% |
| 41 | 17.945 | 2506 | 2509 | 2517 | rVB2 | 520159 | 921975 | 1.16% | 0.115% |
| 42 | 18.233 | 2553 | 2558 | 2562 | rBV | 2984518 | 4269302 | 5.36% | 0.534% |
| 43 | 18.280 | 2562 | 2566 | 2573 | rVB | 3360708 | 4609072 | 5.78% | 0.577% |
| 44 | 18.357 | 2574 | 2579 | 2584 | rBV | 3708380 | 4882676 | 6.12% | 0.611% |
| 45 | 18.428 | 2584 | 2591 | 2595 | rBV | 12378983 | 19603973 | 24.59% | 2.452% |
| 46 | 18.522 | 2603 | 2607 | 2611 | rBV2 | 2008061 | 2366553 | 2.97% | 0.296% |
| 47 | 18.610 | 2618 | 2622 | 2626 | rBV2 | 1173696 | 1616362 | 2.03% | 0.202% |
| 48 | 18.710 | 2635 | 2639 | 2643 | rBV | 1785366 | 2314825 | 2.90% | 0.290% |
| 49 | 18.757 | 2643 | 2647 | 2653 | rVB2 | 1658294 | 2260534 | 2.84% | 0.283% |
| 50 | 18.945 | 2677 | 2679 | 2685 | rVV3 | 590546 | 878162 | 1.10% | 0.110% |
| 51 | 19.033 | 2691 | 2694 | 2697 | rVB | 777808 | 890279 | 1.12% | 0.111% |
| 52 | 19.128 | 2703 | 2710 | 2714 | rBV2 | 1957075 | 4144782 | 5.20% | 0.518% |
| 53 | 19.180 | 2715 | 2719 | 2727 | rVB3 | 1580339 | 3064172 | 3.84% | 0.383% |
| 54 | 19.257 | 2727 | 2732 | 2739 | rBV | 3291196 | 6165107 | 7.73% | 0.771% |
| 55 | 19.380 | 2746 | 2753 | 2758 | rVB2 | 33072940 | 58789238 | 73.74% | 7.354% |
| 56 | 19.469 | 2764 | 2768 | 2772 | rVB | 1789170 | 2241432 | 2.81% | 0.280% |
| 57 | 19.610 | 2786 | 2792 | 2801 | rVB2 | 3252358 | 6596700 | 8.27% | 0.825% |
| 58 | 19.704 | 2802 | 2808 | 2810 | rVV3 | 19885679 | 34849034 | 43.71% | 4.359% |
| 59 | 19.739 | 2810 | 2814 | 2819 | rVV2 | 32556210 | 53920100 | 67.63% | 6.745% |
| 60 | 19.792 | 2819 | 2823 | 2829 | rVB2 | 2112136 | 3098357 | 3.89% | 0.388% |
| 61 | 19.898 | 2837 | 2841 | 2847 | rVB | 2926850 | 3772715 | 4.73% | 0.472% |
| 62 | 19.963 | 2847 | 2852 | 2858 | rVB | 3740860 | 5264002 | 6.60% | 0.658% |
| 63 | 20.033 | 2859 | 2864 | 2871 | rBV3 | 3213504 | 7748968 | 9.72% | 0.969% |
| 64 | 20.204 | 2882 | 2893 | 2898 | rVB | 8524672 | 18019254 | 22.60% | 2.254% |
| 65 | 20.304 | 2905 | 2910 | 2914 | rBV | 6570427 | 8785761 | 11.02% | 1.099% |
| 66 | 20.363 | 2914 | 2920 | 2923 | rVV3 | 4097535 | 7067794 | 8.87% | 0.884% |
| 67 | 20.398 | 2923 | 2926 | 2929 | rVB | 1560247 | 1679181 | 2.11% | 0.210% |
| 68 | 20.433 | 2930 | 2932 | 2938 | rVB3 | 970965 | 1296900 | 1.63% | 0.162% |
| 69 | 20.498 | 2939 | 2943 | 2947 | rBV2 | 3094211 | 4296501 | 5.39% | 0.537% |
| 70 | 20.545 | 2947 | 2951 | 2954 | rVB | 2161351 | 2628992 | 3.30% | 0.329% |
| 71 | 20.692 | 2973 | 2976 | 2981 | rVB2 | 1101128 | 1355325 | 1.70% | 0.170% |
| 72 | 20.780 | 2988 | 2991 | 2993 | rBV3 | 880962 | 987797 | 1.24% | 0.124% |
| 73 | 20.898 | 3007 | 3011 | 3014 | rBV2 | 1197884 | 1913440 | 2.40% | 0.239% |
| 74 | 20.939 | 3014 | 3018 | 3023 | rVB2 | 1995090 | 3215397 | 4.03% | 0.402% |
| 75 | 21.104 | 3041 | 3046 | 3049 | rBV | 3757270 | 5370117 | 6.74% | 0.672% |
| 76 | 21.139 | 3049 | 3052 | 3055 | rVV2 | 5751125 | 7105786 | 8.91% | 0.889% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

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-BP120722.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 21.180 | 3055 | 3059 | 3063 | rVV2 | 5273671 | 7045719 | 8.84% | 0.881% |
| 78 | 21.227 | 3063 | 3067 | 3077 | rVB3 | 1877858 | 4160934 | 5.22% | 0.521% |
| 79 | 21.339 | 3078 | 3086 | 3091 | rBV2 | 1402902 | 3766730 | 4.72% | 0.471% |
| 80 | 21.445 | 3094 | 3104 | 3110 | rBV2 | 16247223 | 41137201 | 51.60% | 5.146% |
| 81 | 21.498 | 3110 | 3113 | 3119 | rVB | 16247410 | 21215954 | 26.61% | 2.654% |
| 82 | 21.586 | 3124 | 3128 | 3131 | rBV3 | 1328875 | 1813930 | 2.28% | 0.227% |
| 83 | 21.621 | 3131 | 3134 | 3140 | rVB | 3157950 | 4393850 | 5.51% | 0.550% |
| 84 | 21.786 | 3157 | 3162 | 3167 | rBV2 | 2271624 | 3710096 | 4.65% | 0.464% |
| 85 | 21.839 | 3168 | 3171 | 3180 | rVB2 | 858394 | 1522425 | 1.91% | 0.190% |
| 86 | 22.045 | 3200 | 3206 | 3211 | rVB | 1749986 | 3158326 | 3.96% | 0.395% |
| 87 | 22.221 | 3233 | 3236 | 3239 | rVB3 | 862950 | 1073483 | 1.35% | 0.134% |
| 88 | 22.269 | 3240 | 3244 | 3247 | rBV | 1365885 | 2196157 | 2.75% | 0.275% |
| 89 | 22.374 | 3257 | 3262 | 3266 | rVB2 | 1061376 | 1852507 | 2.32% | 0.232% |
| 90 | 22.574 | 3292 | 3296 | 3301 | rBV2 | 1126942 | 1956315 | 2.45% | 0.245% |
| 91 | 22.727 | 3318 | 3322 | 3327 | rVB | 2251574 | 3270246 | 4.10% | 0.409% |
| 92 | 23.186 | 3392 | 3400 | 3406 | rBV | 11873128 | 31665733 | 39.72% | 3.961% |
| 93 | 23.374 | 3428 | 3432 | 3444 | rVB | 1716859 | 3213968 | 4.03% | 0.402% |
| 94 | 23.527 | 3454 | 3458 | 3467 | rBV | 609405 | 1416167 | 1.78% | 0.177% |
| 95 | 23.733 | 3486 | 3493 | 3497 | rBV | 5362319 | 11295802 | 14.17% | 1.413% |
| 96 | 23.792 | 3497 | 3503 | 3507 | rVV2 | 7663184 | 16558713 | 20.77% | 2.071% |
| 97 | 23.839 | 3507 | 3511 | 3518 | rVB | 6732725 | 12456439 | 15.62% | 1.558% |
| 98 | 23.945 | 3524 | 3529 | 3535 | rBV2 | 3287551 | 6726117 | 8.44% | 0.841% |
| 99 | 24.004 | 3535 | 3539 | 3547 | rVB2 | 2306981 | 4906703 | 6.15% | 0.614% |
| 100 | 26.545 | 3964 | 3971 | 3978 | rBV2 | 1865981 | 5520996 | 6.93% | 0.691% |

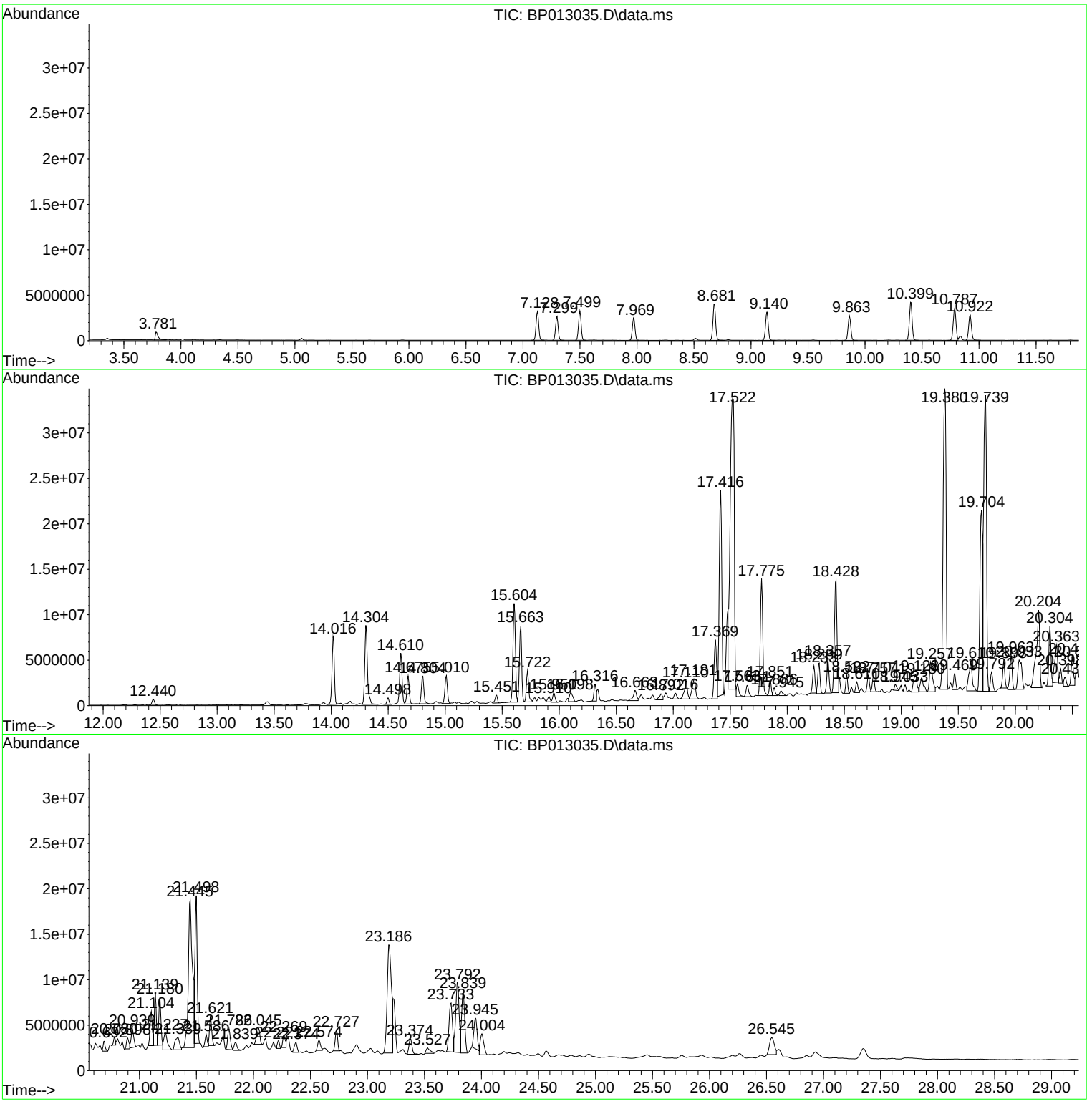
Sum of corrected areas: 799401783

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

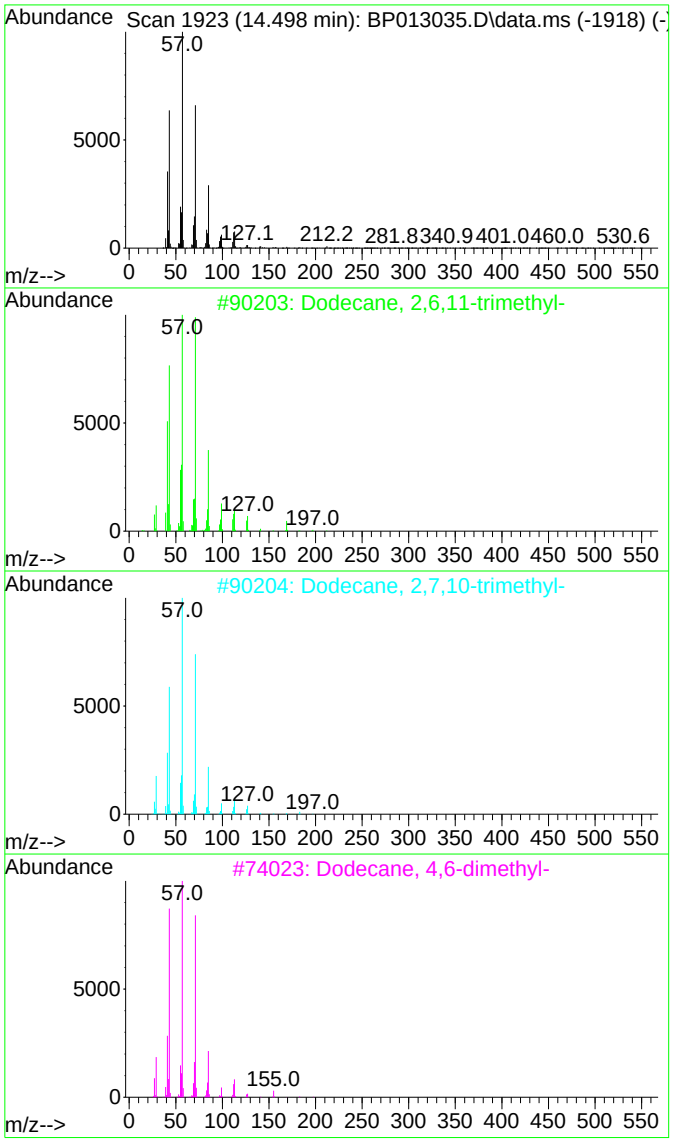
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

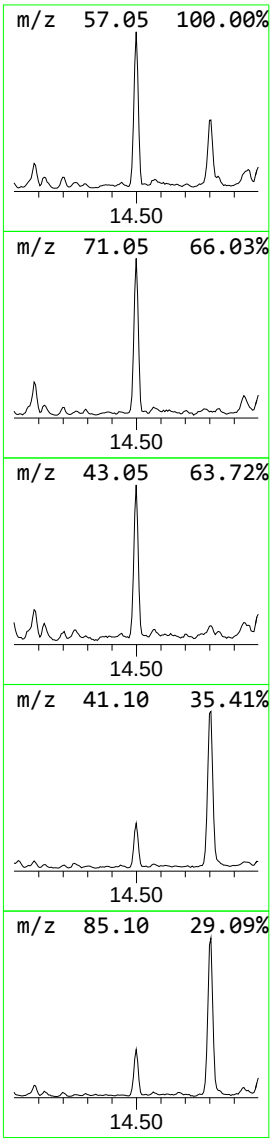
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.498 | 2.18 ng/ul | 918461 | Acenaphthene-d10 | 14.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 90 |
| 2 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 83 |
| 3 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 80 |
| 4 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 80 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

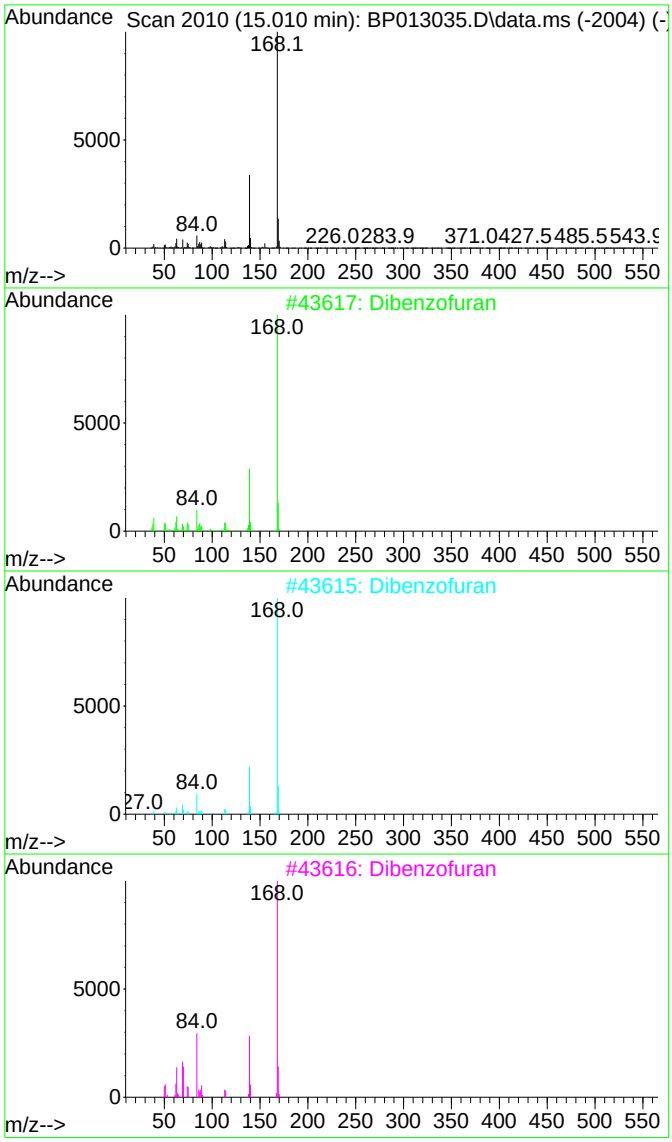
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

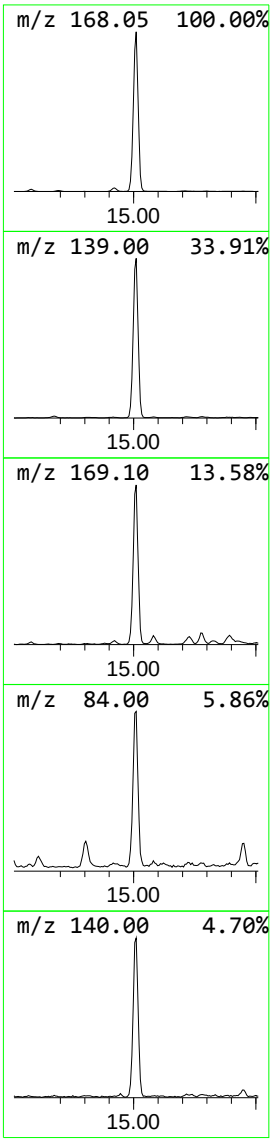
**********

Peak Number 2 Dibenzo furan Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.010 | 10.82 ng/ul | 4566410 | Acenaphthene-d10 | 14.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 90 |
| 2 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 87 |
| 3 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 78 |
| 4 | 4-Fluoro-1,3-benzothiazol-2-ylamine | 168 | C7H5FN2S | 020358-06-9 | 64 |
| 5 | Naphtho[2,1-d]imidazole | 168 | C11H8N2 | 000233-53-4 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

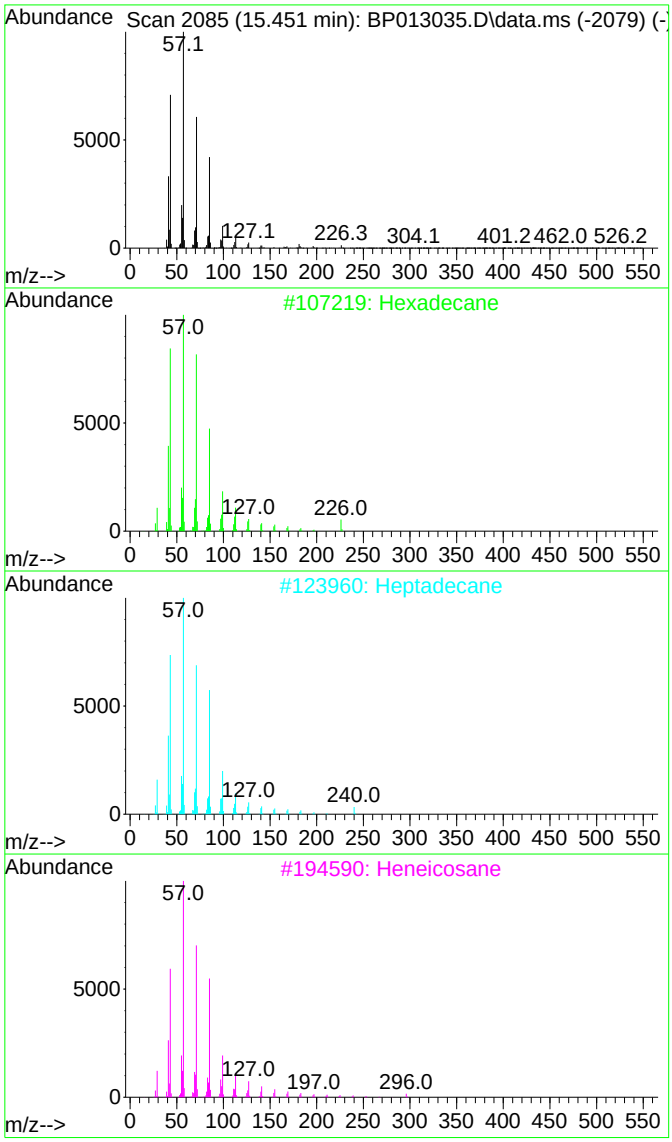
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

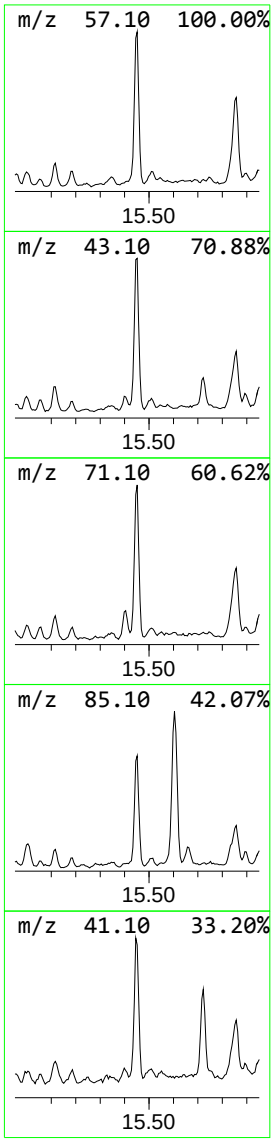
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.451 | 2.93 ng/ul | 1238090 | Acenaphthene-d10 | 14.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 83 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 80 |
| 5 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

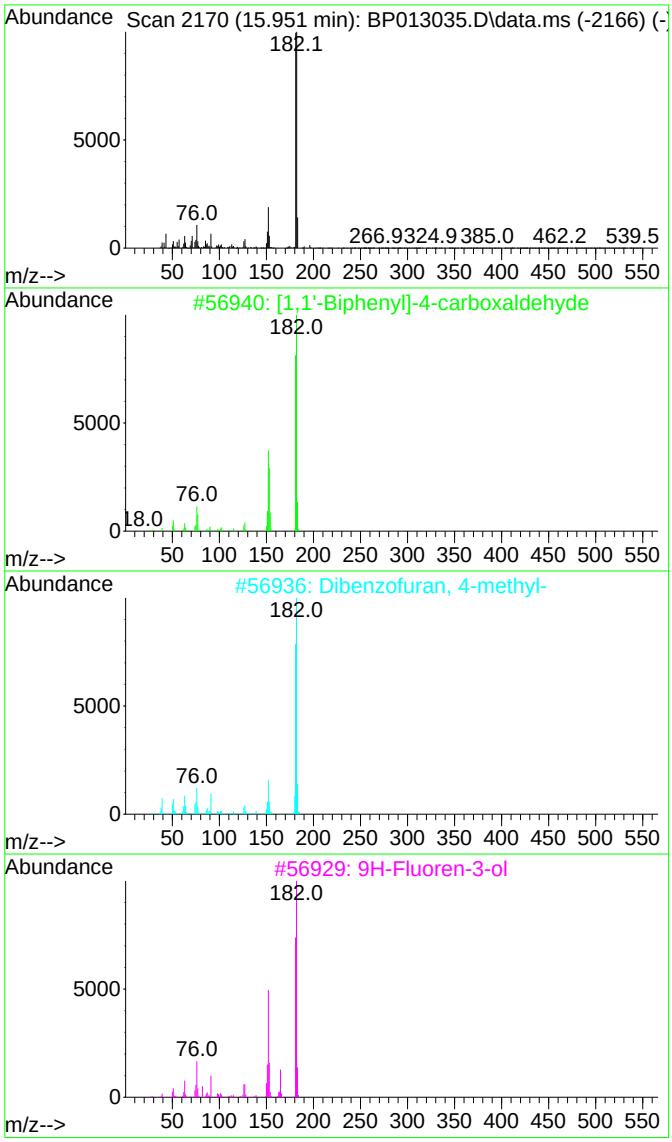
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

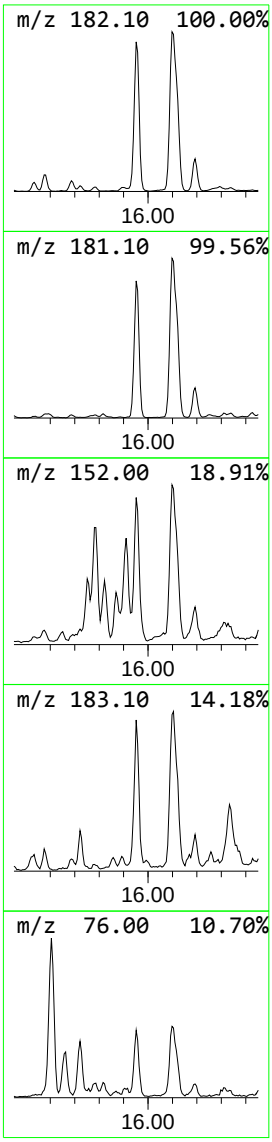
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.951 | 3.63 ng/ul | 1531380 | Acenaphthene-d10 | 14.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 93 |
| 2 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 91 |
| 3 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 90 |
| 4 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 78 |
| 5 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

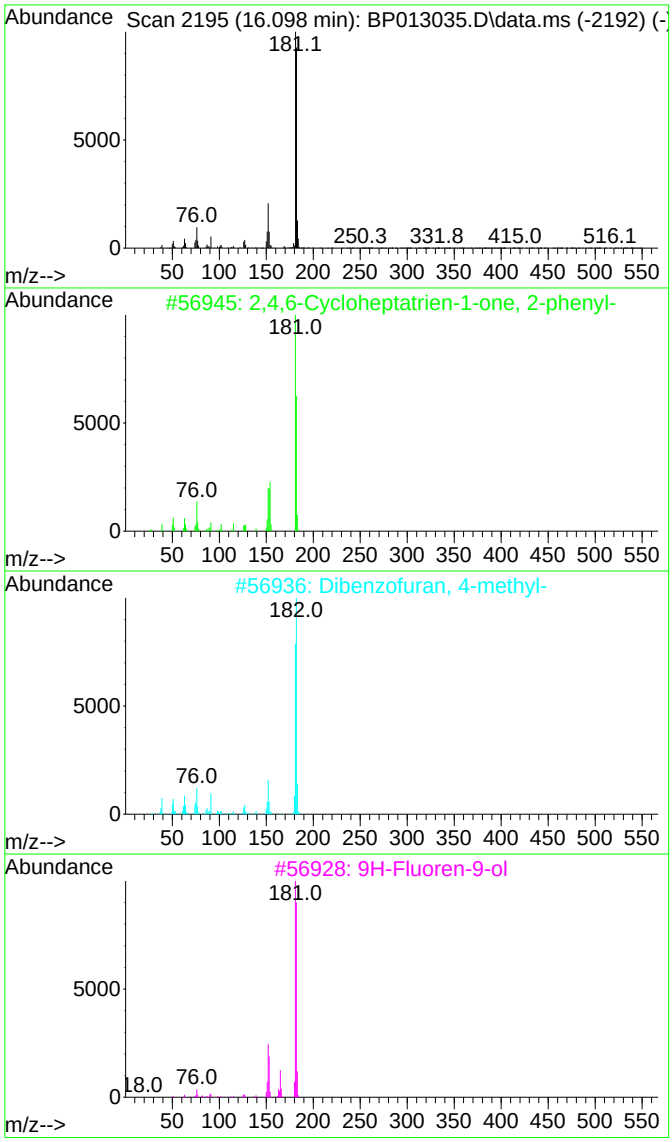
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

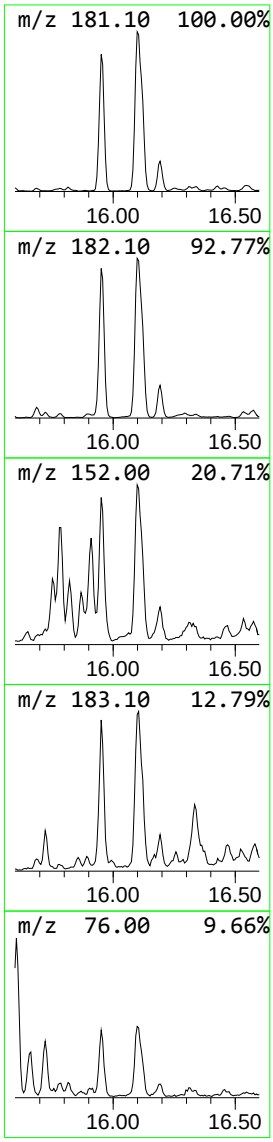
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.098 | 4.00 ng/ul | 1965740 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 87 |
| 2 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 87 |
| 3 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 78 |
| 4 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 78 |
| 5 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

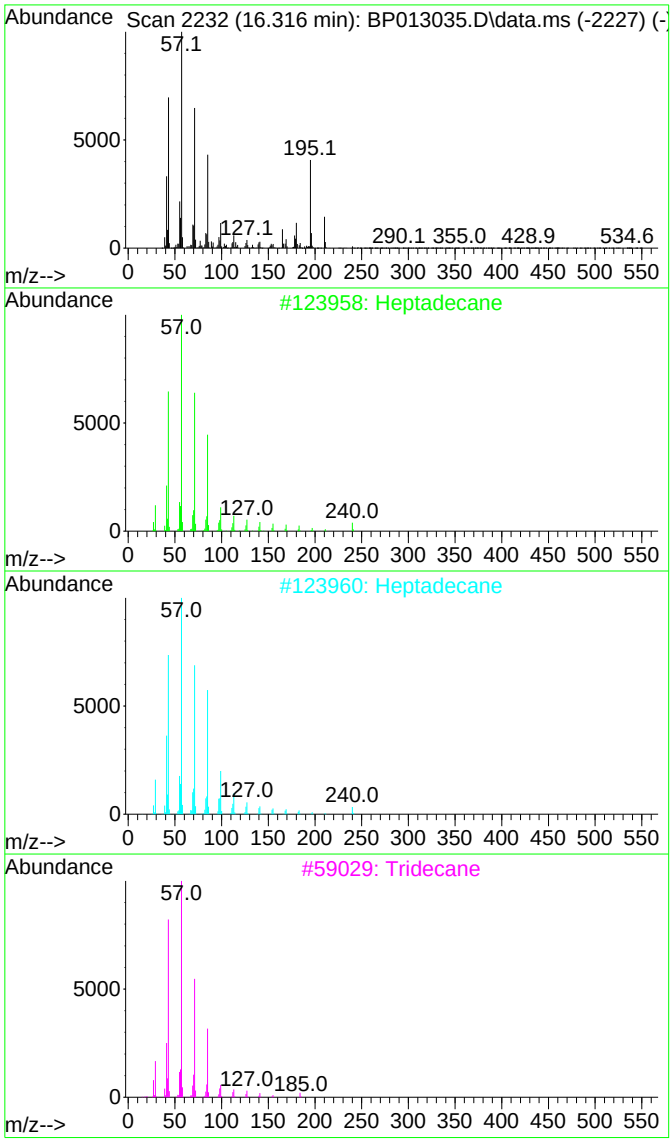
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

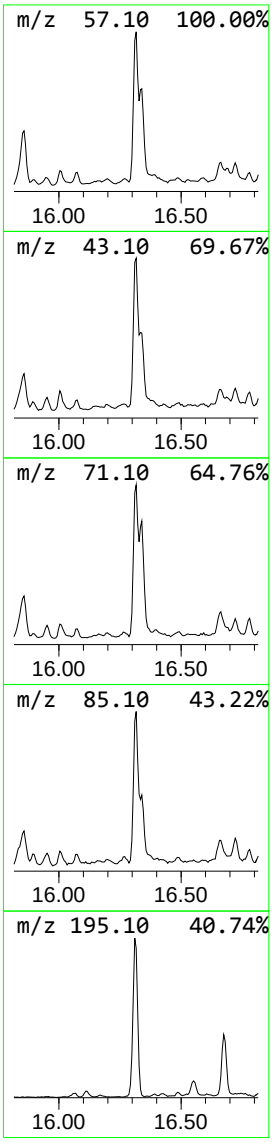
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.316 | 5.39 ng/ul | 2645540 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 95 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 92 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 83 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 60 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

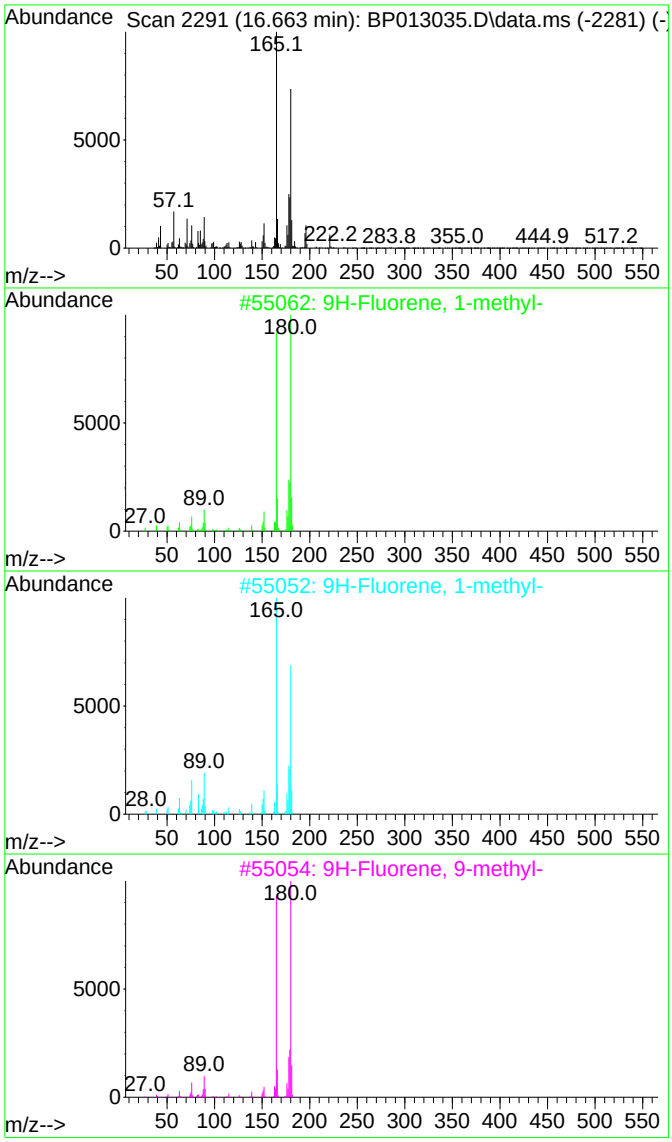
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

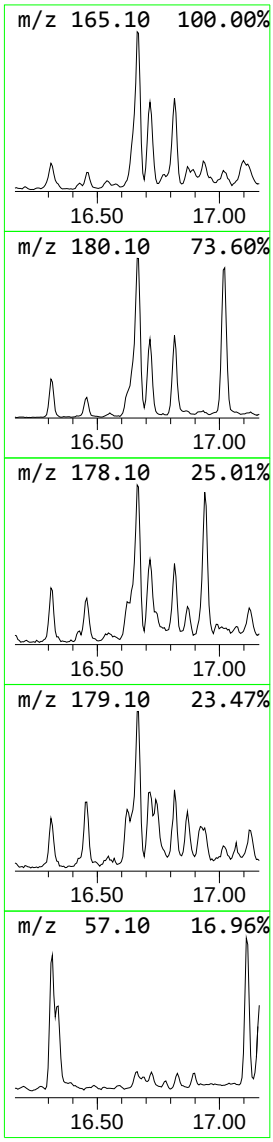
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.663 | 4.77 ng/ul | 2341830 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 97 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 96 |
| 3 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 95 |
| 4 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 94 |
| 5 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

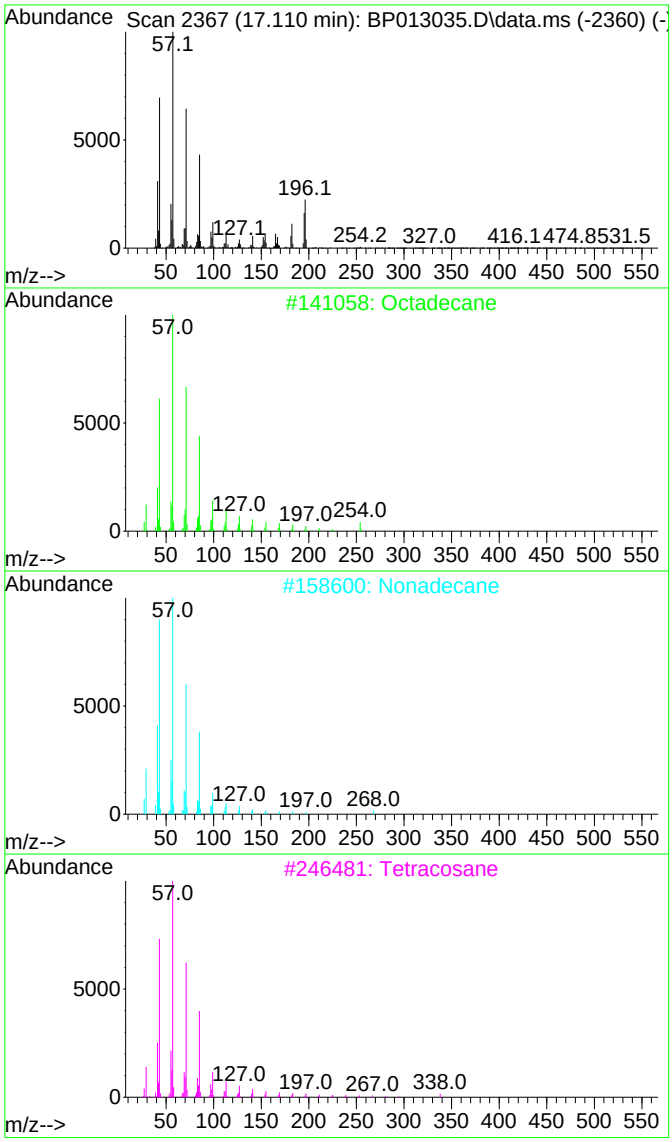
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

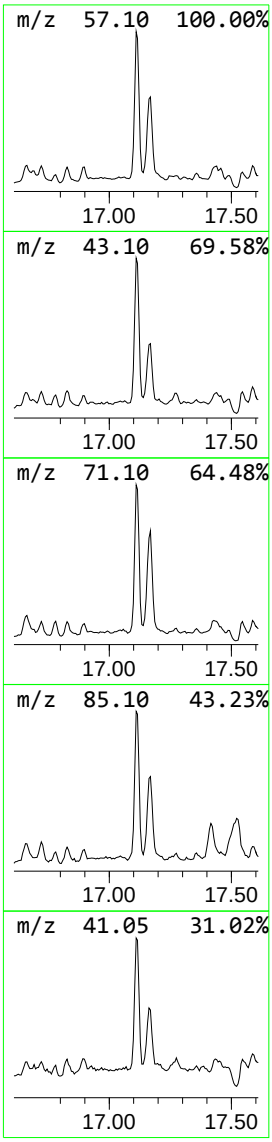
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.110 | 7.49 ng/ul | 3677350 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 70 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 64 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 62 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 62 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

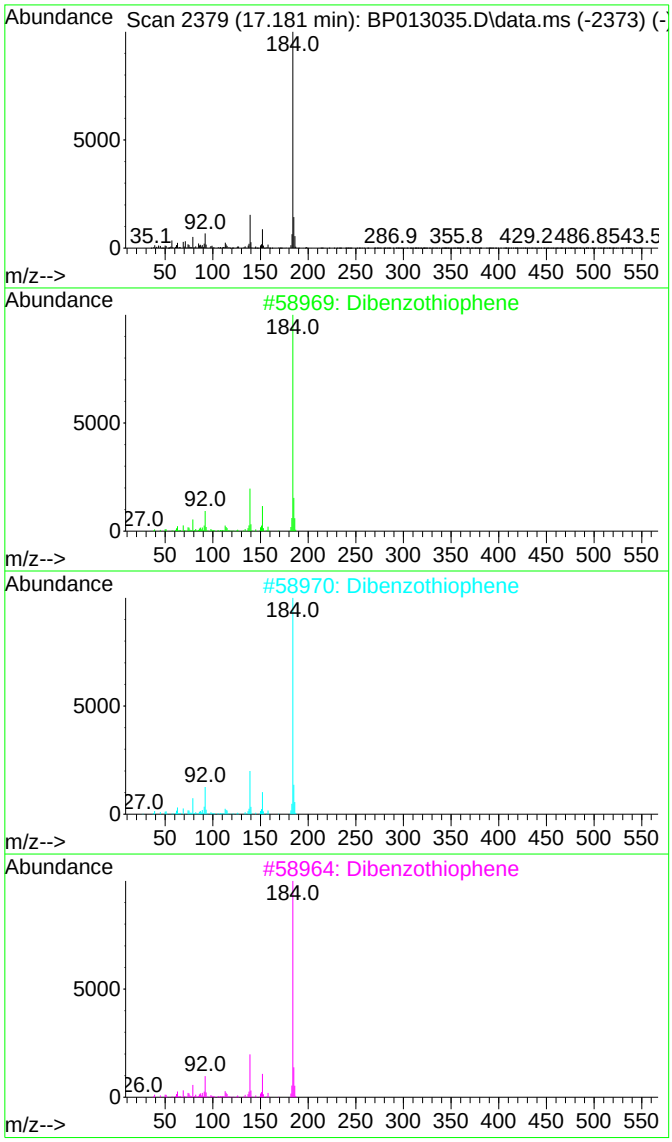
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

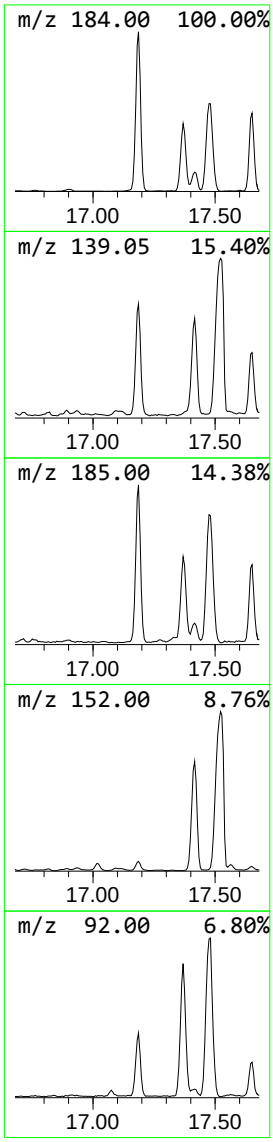
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Dibenzothiophene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.180 | 9.15 ng/ul | 4493020 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 96 |
| 4 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 95 |
| 5 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

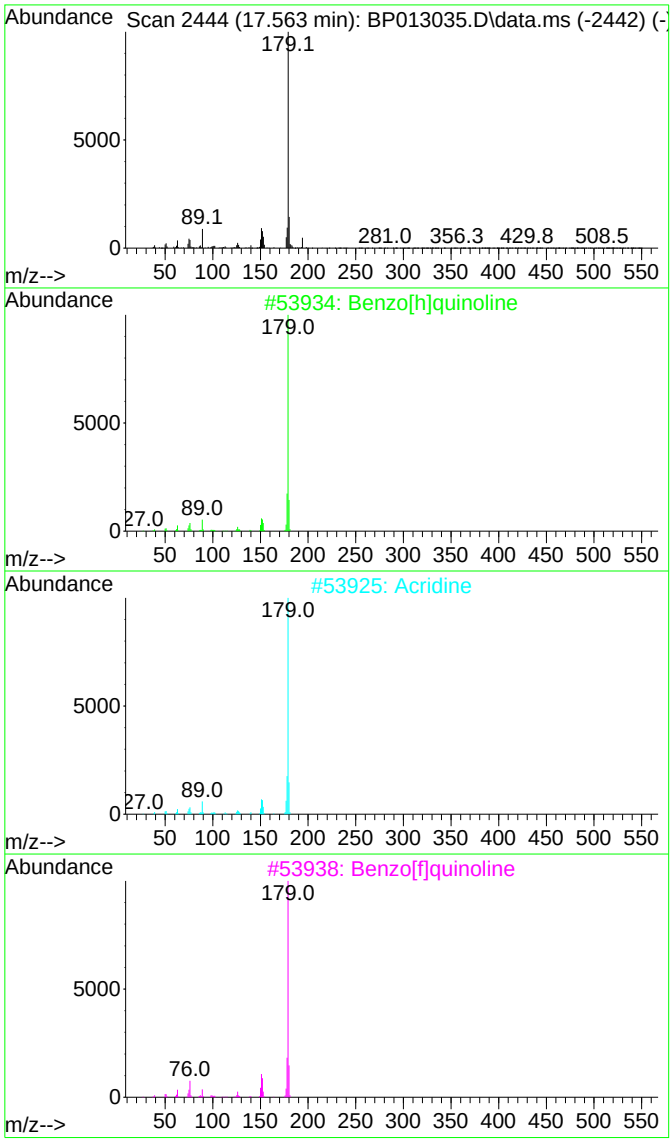
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

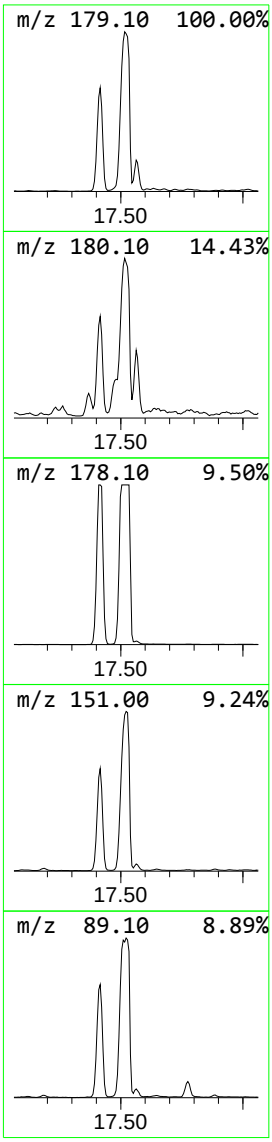
**********

Peak Number 13 Benzo[h]quinoline Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.563 | 3.77 ng/ul | 1852870 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[h]quinoline | 179 | C13H9N | 000230-27-3 | 93 |
| 2 | Acridine | 179 | C13H9N | 000260-94-6 | 87 |
| 3 | Benzo[f]quinoline | 179 | C13H9N | 000085-02-9 | 87 |
| 4 | Phenanthridine | 179 | C13H9N | 000229-87-8 | 83 |
| 5 | Phenanthridine | 179 | C13H9N | 000229-87-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

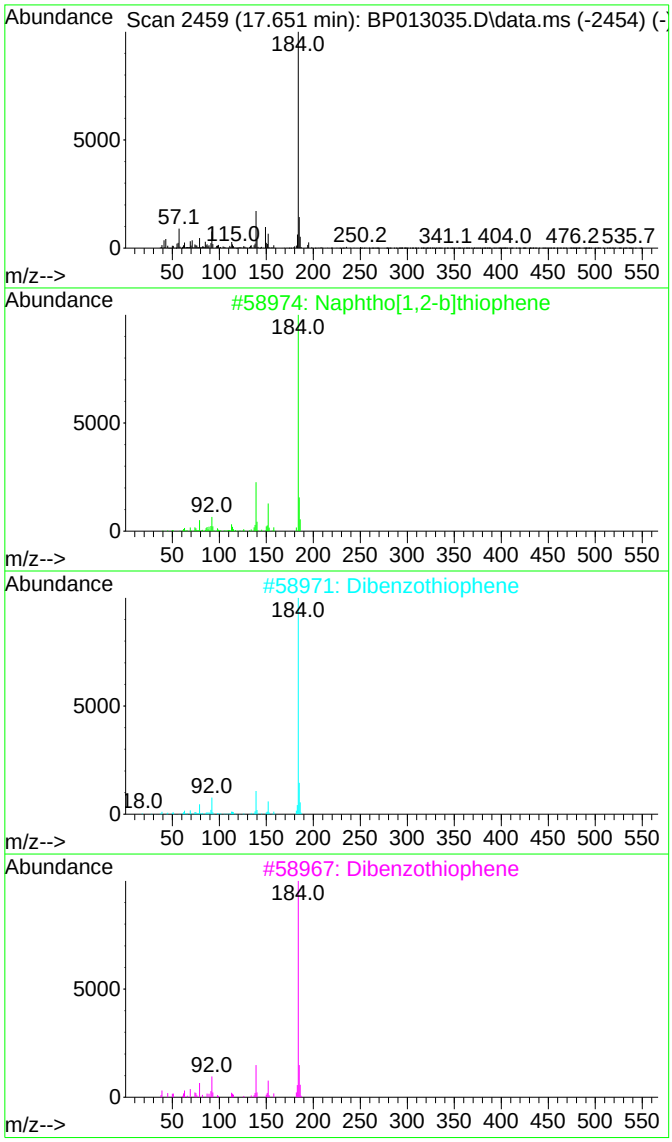
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

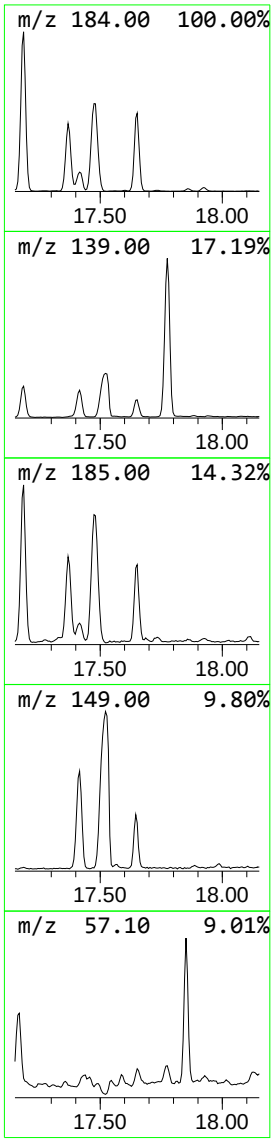
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphtho[1,2-b]thiophene Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.651 | 4.22 ng/ul | 2073770 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 93 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 4 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 5 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

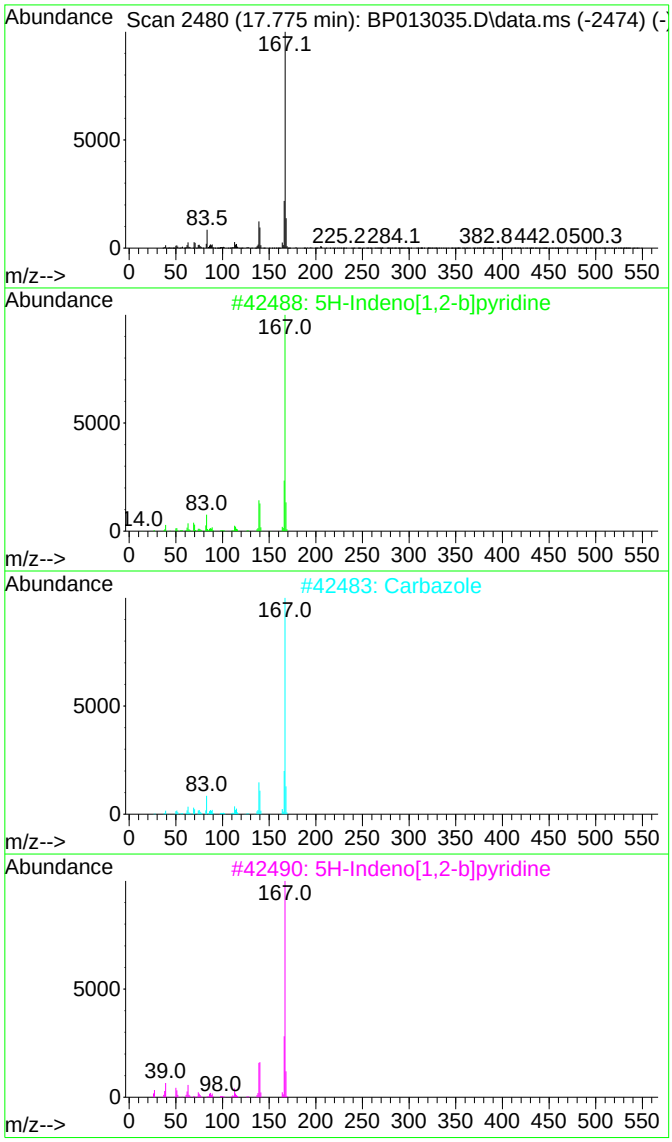
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

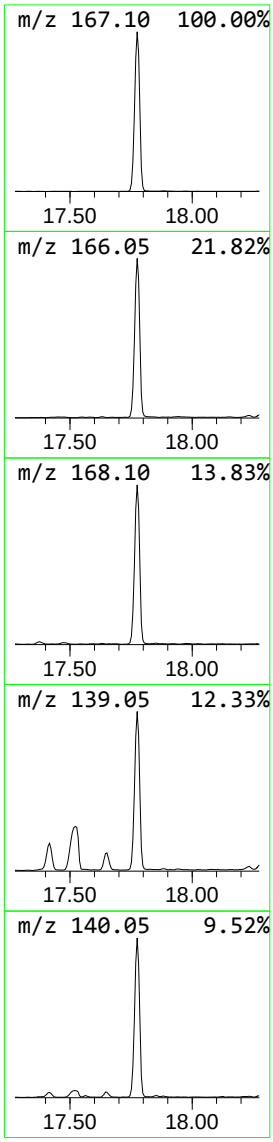
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 5H-Indeno[1,2-b]pyridine Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.775 | 38.28 ng/ul | 18800200 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 97 |
| 2 | Carbazole | 167 | C12H9N | 000086-74-8 | 97 |
| 3 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 91 |
| 4 | Carbazole | 167 | C12H9N | 000086-74-8 | 91 |
| 5 | 9H-Carbazole, 9-nitroso- | 196 | C12H8N2O | 002788-23-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

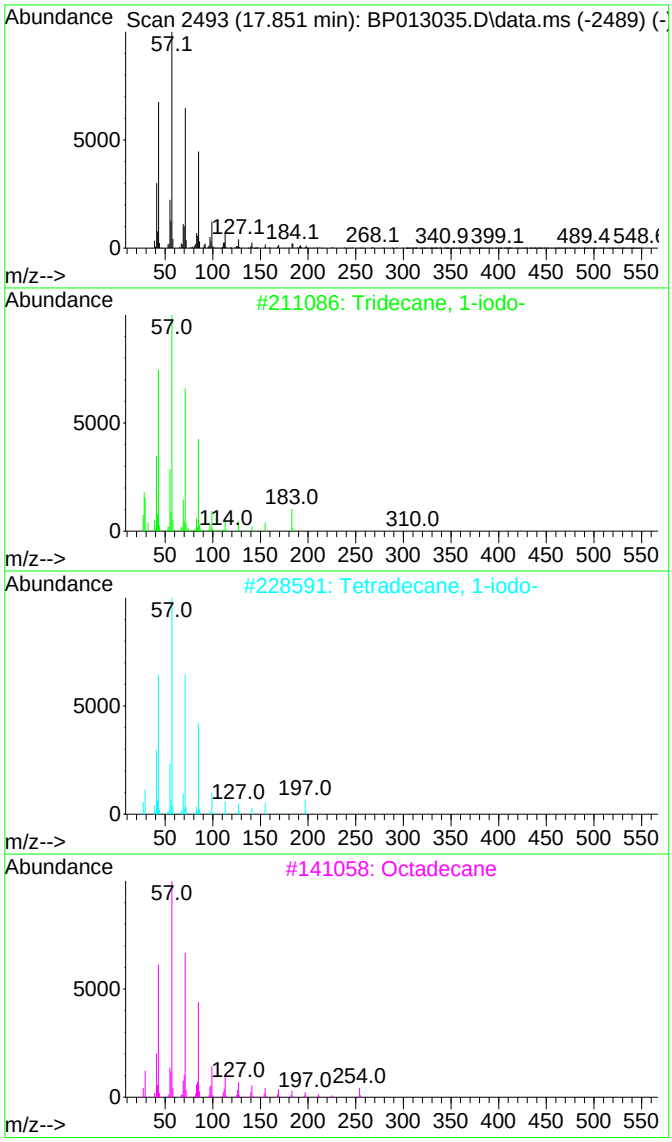
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

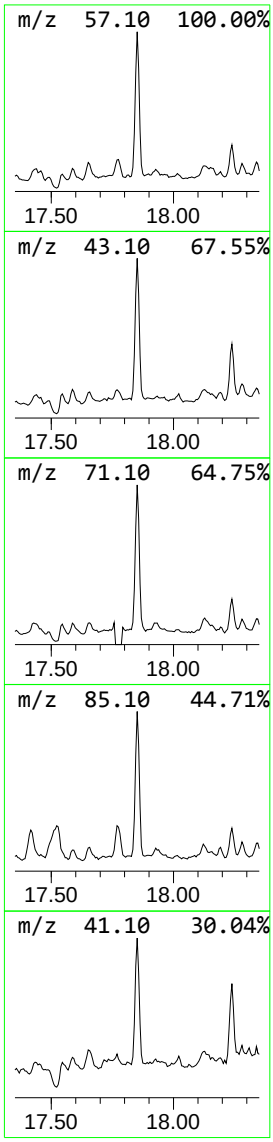
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Tridecane, 1-iodo- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.851 | 4.19 ng/ul | 2056800 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 91 |
| 2 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 91 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

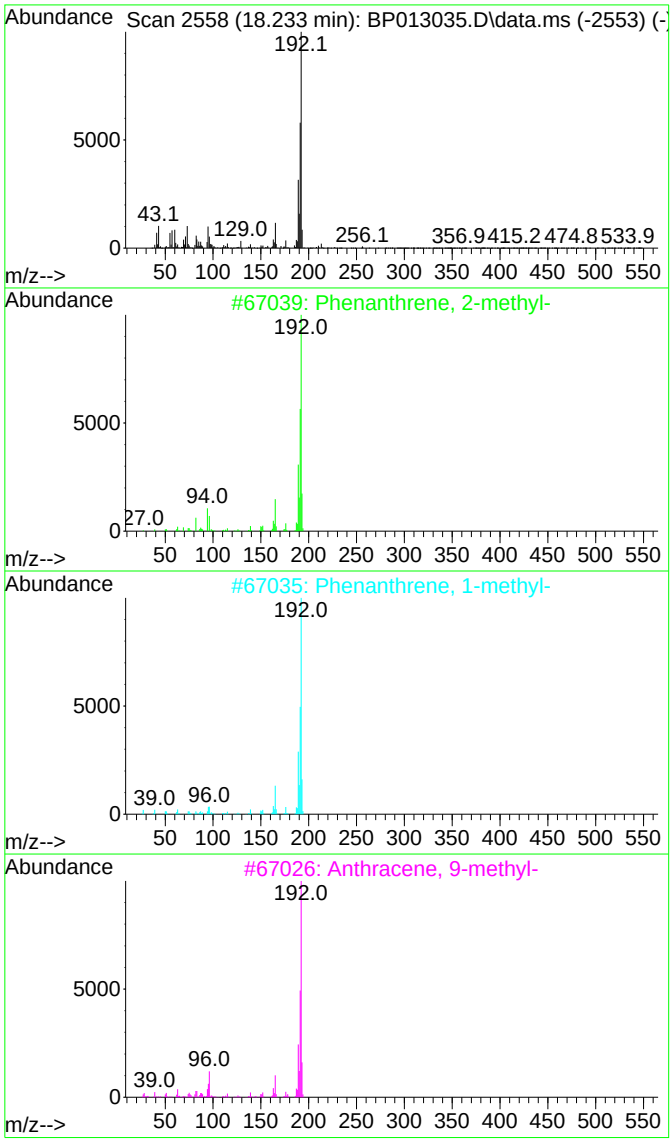
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

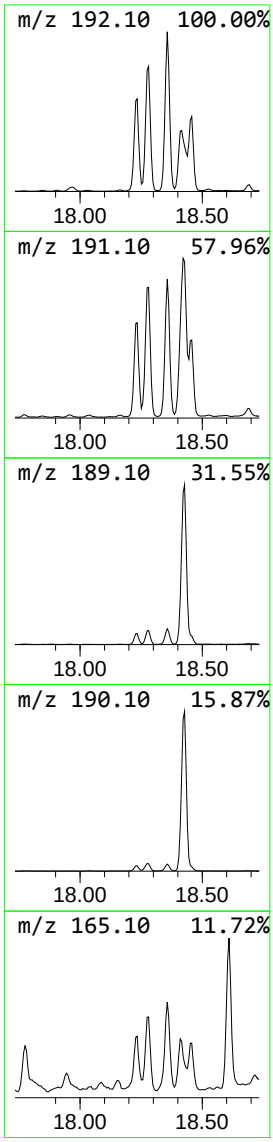
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.233 | 8.69 ng/ul | 4269300 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 89 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 89 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 81 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 81 |
| 5 | Phenanthrene, 3-methyl- | 192 | C15H12 | 000832-71-3 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

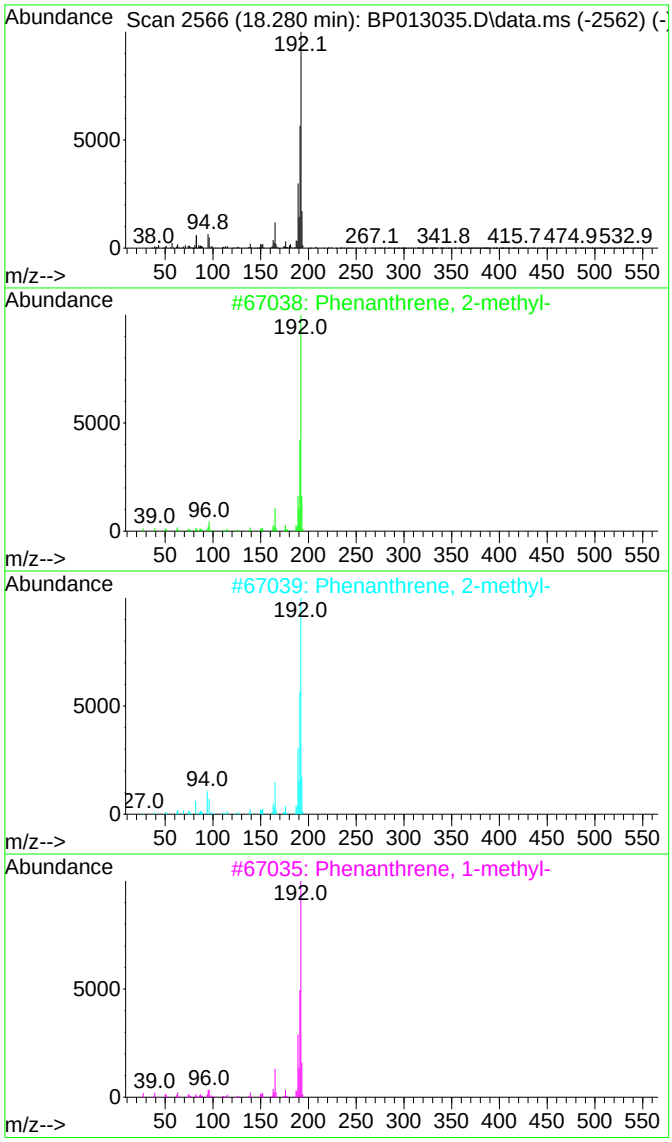
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

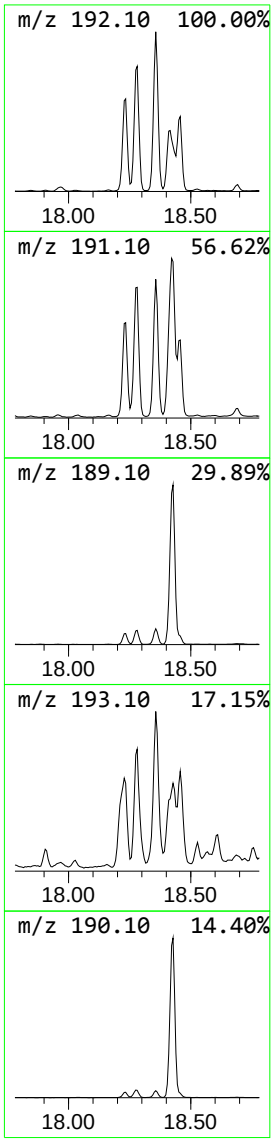
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.281 | 9.38 ng/ul | 4609070 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

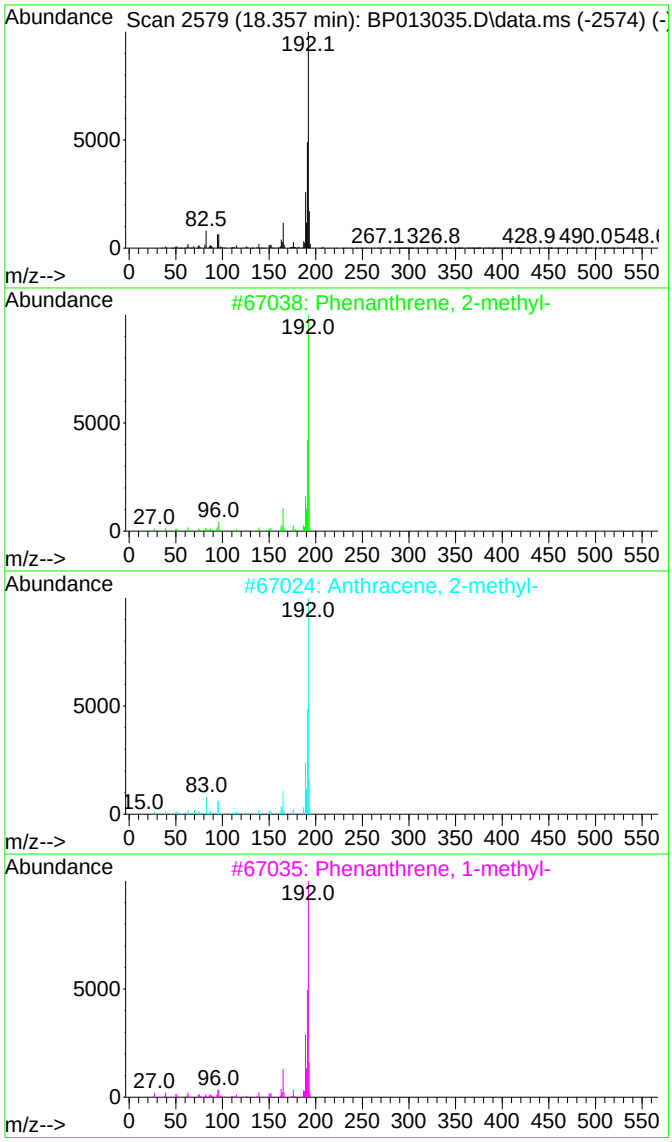
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

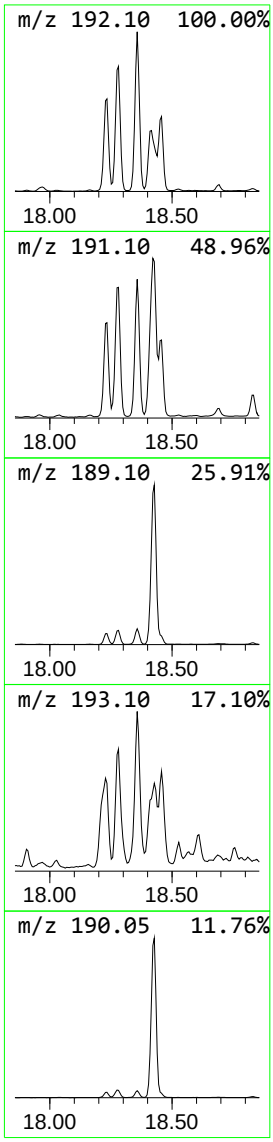
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Anthracene, 2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.357 | 9.94 ng/ul | 4882680 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 97 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 5 | Phenanthrene, 3-methyl- | 192 | C15H12 | 000832-71-3 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

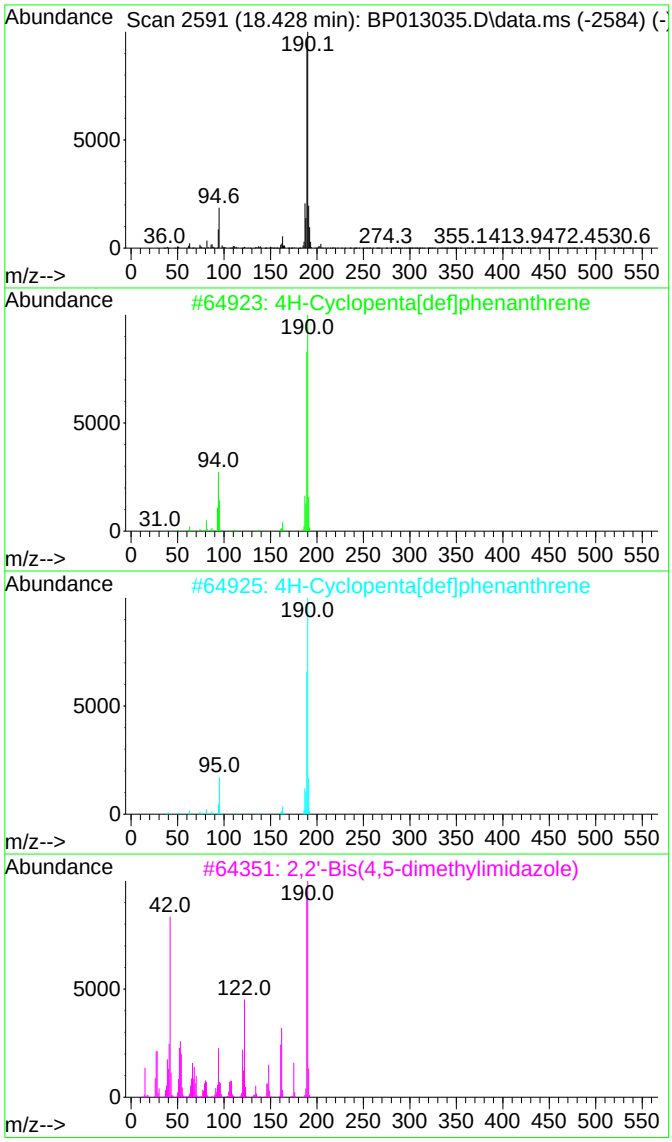
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

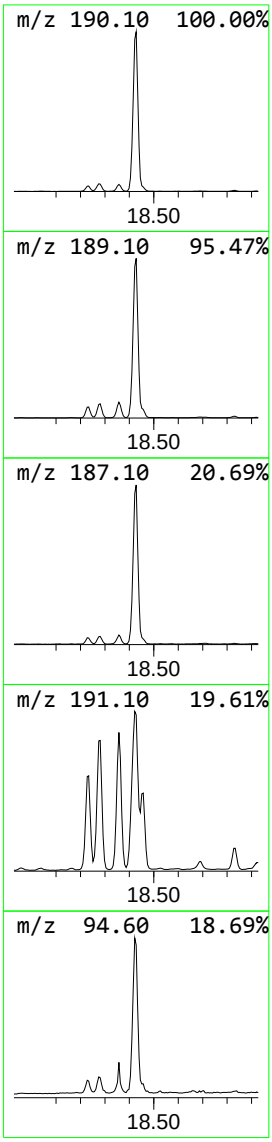
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.427 | 39.92 ng/ul | 19604000 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 97 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 87 |
| 3 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 64 |
| 4 | Phenol, 4-(2-thienylmethyl)- | 190 | C11H10OS | 091680-55-6 | 64 |
| 5 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

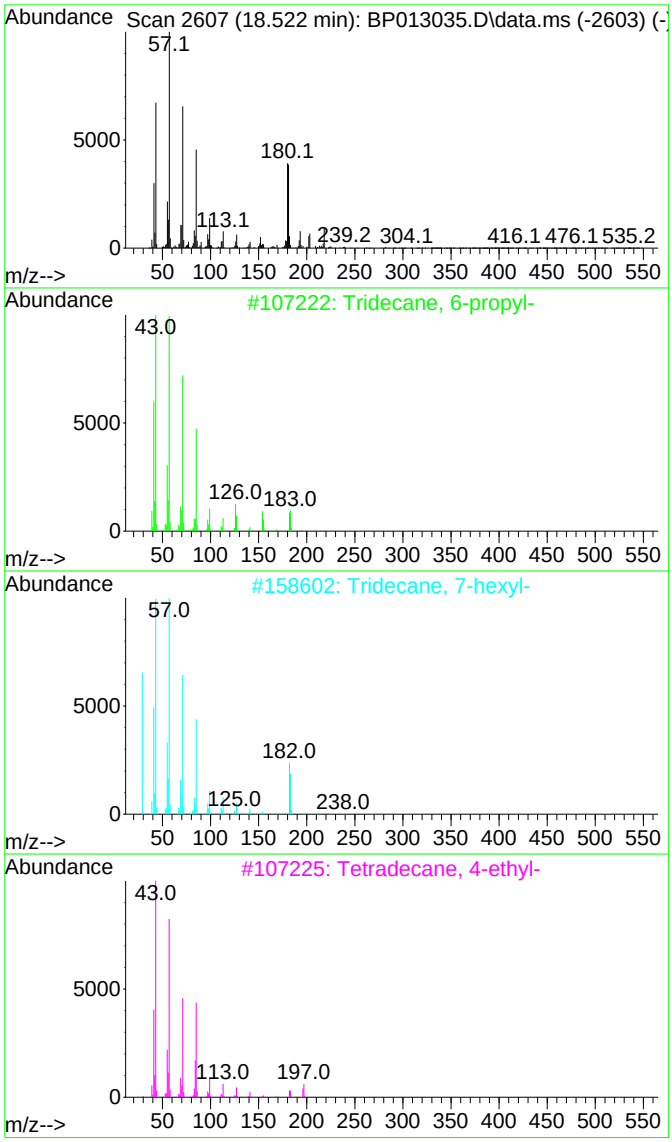
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

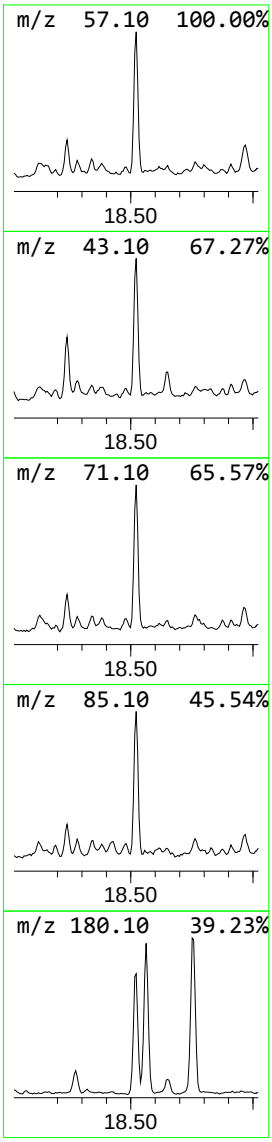
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.522 | 4.82 ng/ul | 2366550 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 60 |
| 2 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 55 |
| 3 | Tetradecane, 4-ethyl- | 226 | C16H34 | 055045-14-2 | 50 |
| 4 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 50 |
| 5 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

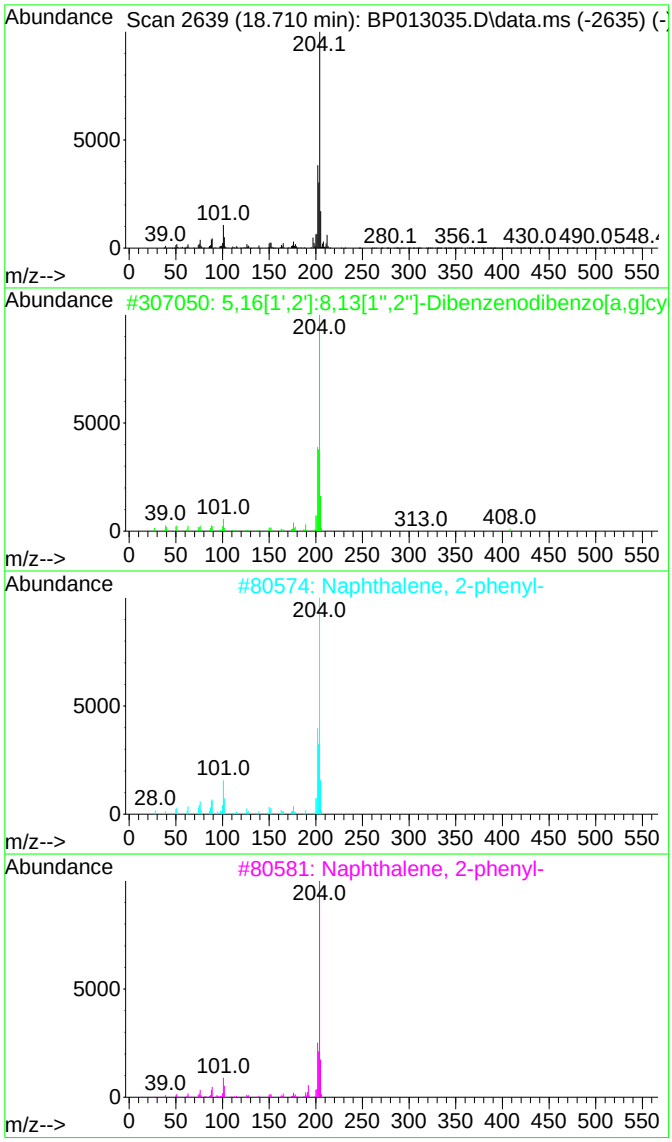
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

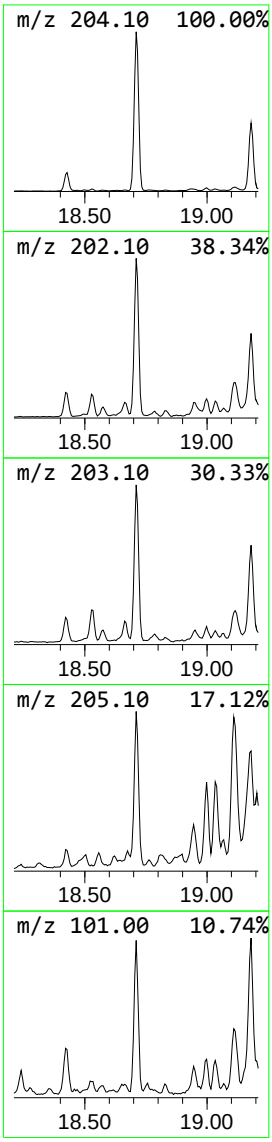
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.710 | 4.71 ng/ul | 2314830 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 87 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 86 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 86 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 83 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

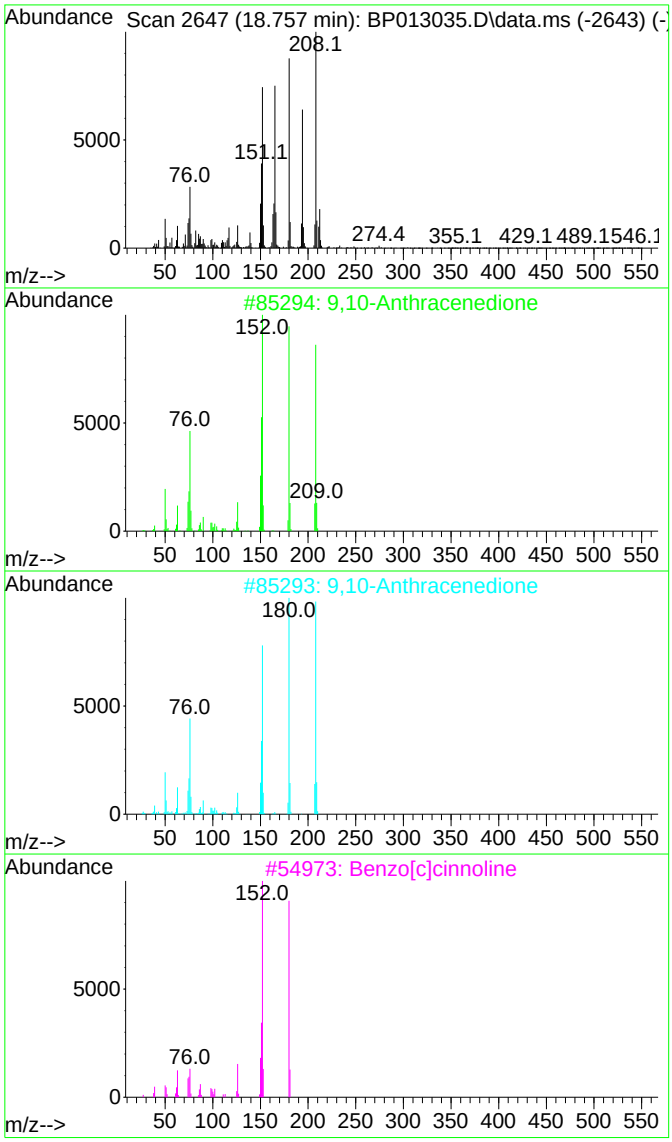
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

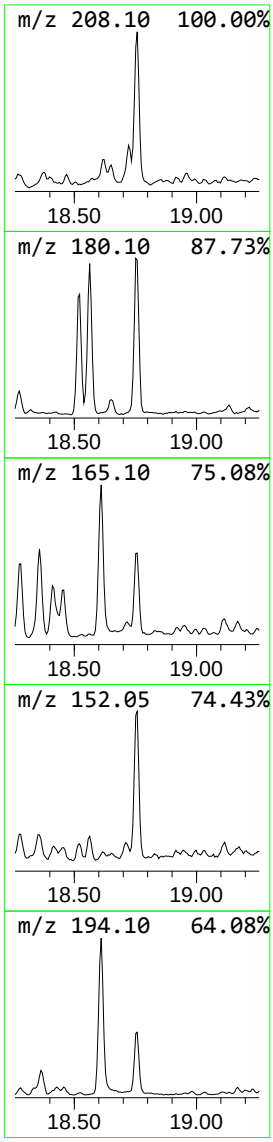
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 9,10-Anthracenedione Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.757 | 4.60 ng/ul | 2260530 | Phenanthrene-d10 | 17.369 |

| 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 | 91 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 86 |
| 4 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 64 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

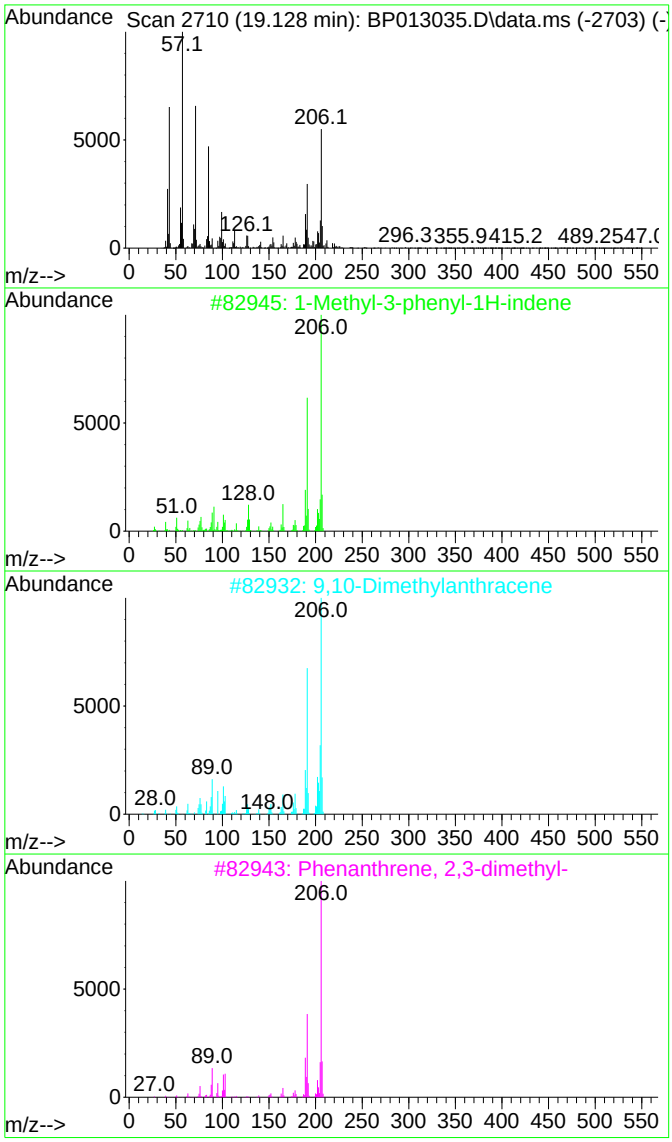
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

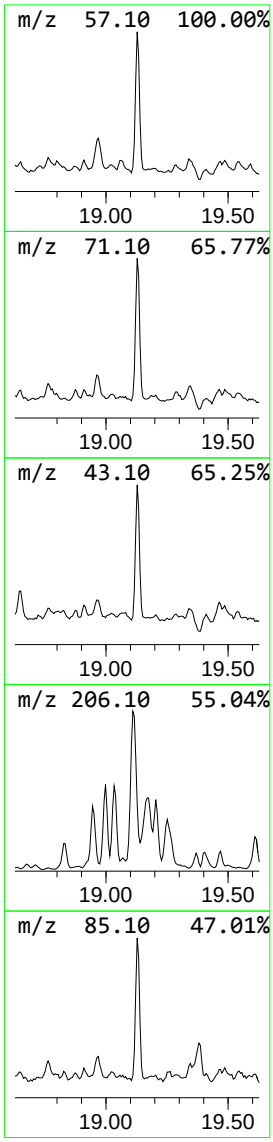
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 1-Methyl-3-phenyl-1H-indene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.128 | 8.44 ng/ul | 4144780 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methyl-3-phenyl-1H-indene | 206 | C16H14 | 022360-62-9 | 86 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 64 |
| 3 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 50 |
| 4 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 50 |
| 5 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

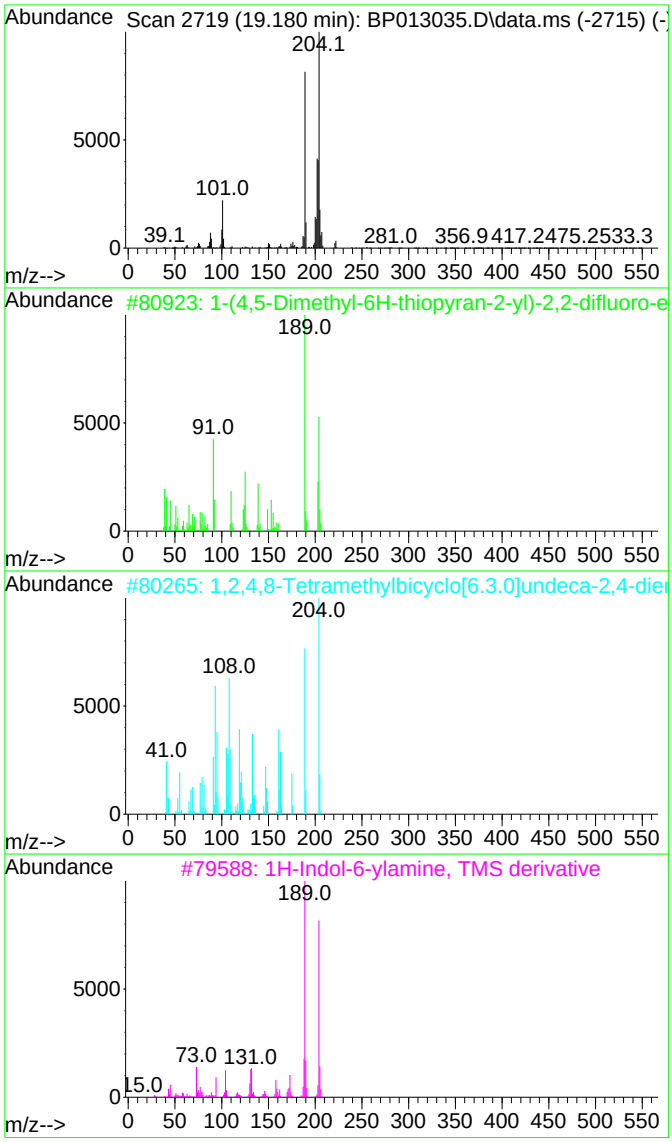
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

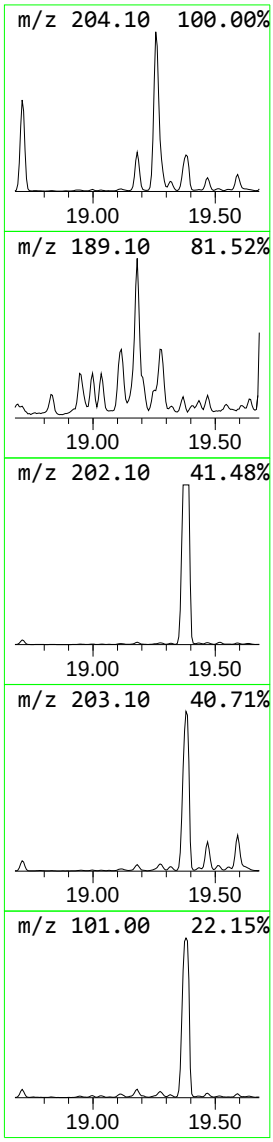
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 1-(4,5-Dimethyl-6H-thiopyra... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.180 | 6.24 ng/ul | 3064170 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-(4,5-Dimethyl-6H-thiopyran-2-y... | 204 | C9H10F2OS | 1000318-25-0 | 53 |
| 2 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 49 |
| 3 | 1H-Indol-6-ylamine, TMS derivative | 204 | C11H16N2Si | 1000484-86-1 | 47 |
| 4 | 3H-3a,7-Methanoazulene, 2,4,5,6,... | 204 | C15H24 | 002387-78-2 | 47 |
| 5 | 1H-Cycloprop[e]azulene, 1a,2,3,4... | 204 | C15H24 | 000489-40-7 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

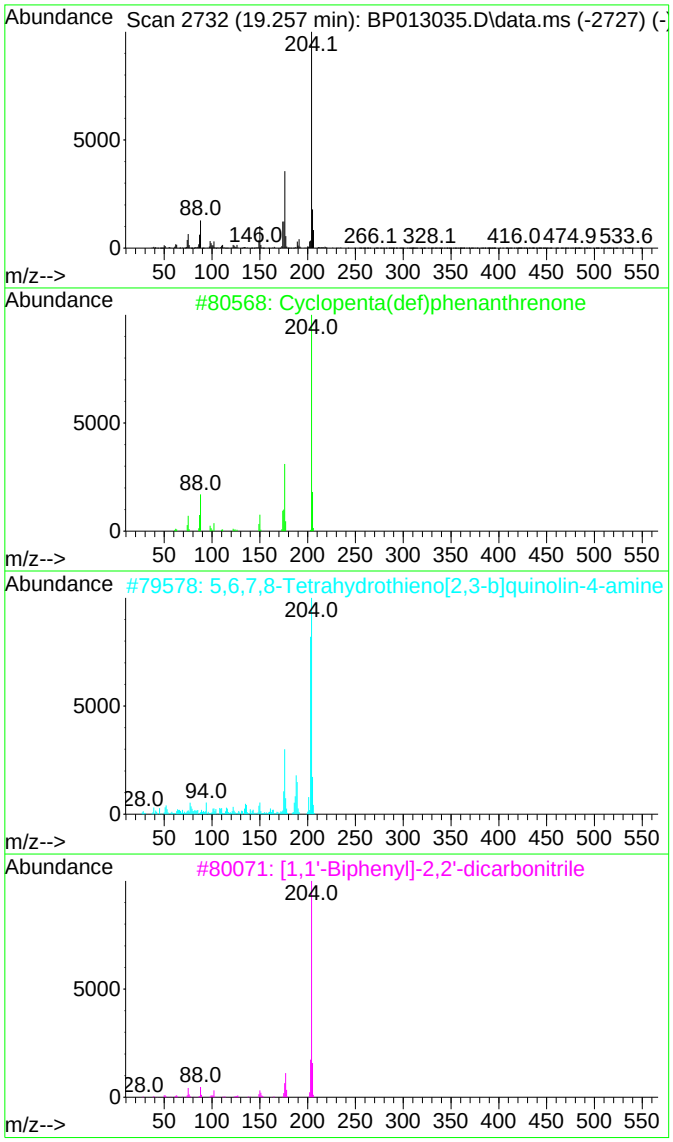
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

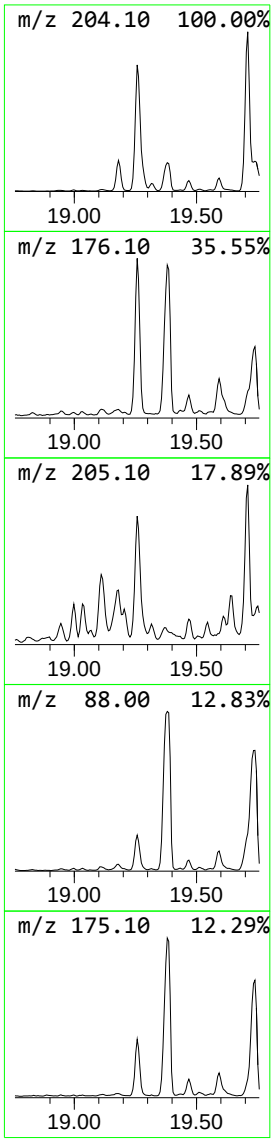
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Cyclopenta(def)phenanthrenone Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.257 | 12.55 ng/ul | 6165110 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 96 |
| 2 | 5,6,7,8-Tetrahydrothieno[2,3-b]q... | 204 | C11H12N2S | 122914-50-5 | 72 |
| 3 | [1,1'-Biphenyl]-2,2'-dicarbonitrile | 204 | C14H8N2 | 004341-02-0 | 59 |
| 4 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 53 |
| 5 | 5H-Dibenzo[a,d]cycloheptene, 5-m... | 204 | C16H12 | 002975-79-3 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

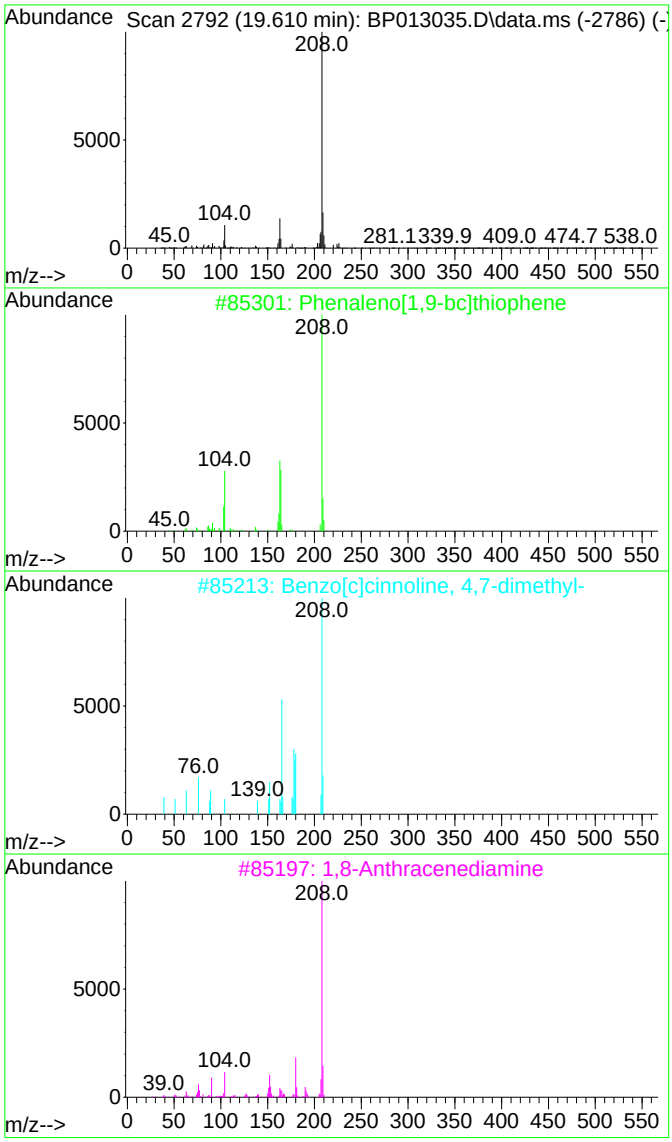
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

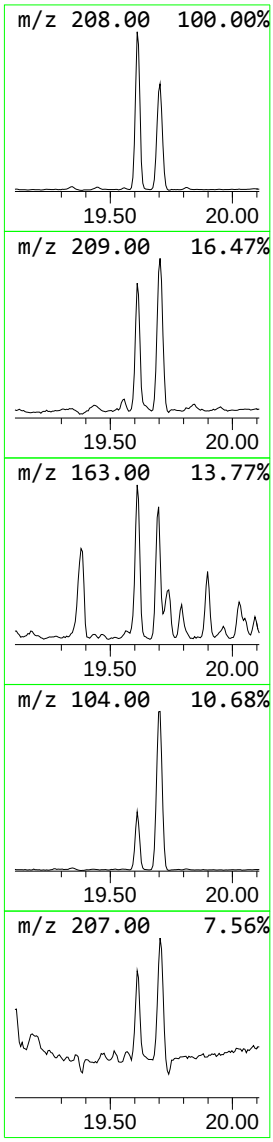
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Phenaleno[1,9-bc]thiophene Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.610 | 3.21 ng/ul | 6596700 | Chrysene-d12 | 21.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenaleno[1,9-bc]thiophene | 208 | C14H8S | 079965-99-4 | 83 |
| 2 | Benzo[c]cinnoline, 4,7-dimethyl- | 208 | C14H12N2 | 020684-54-2 | 72 |
| 3 | 1,8-Anthracenediamine | 208 | C14H12N2 | 139312-39-3 | 72 |
| 4 | Ethanol, 2-[4-vinyl-2-methoxy-6-... | 208 | C12H16O3 | 1000132-26-4 | 64 |
| 5 | Neocuproine | 208 | C14H12N2 | 000484-11-7 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

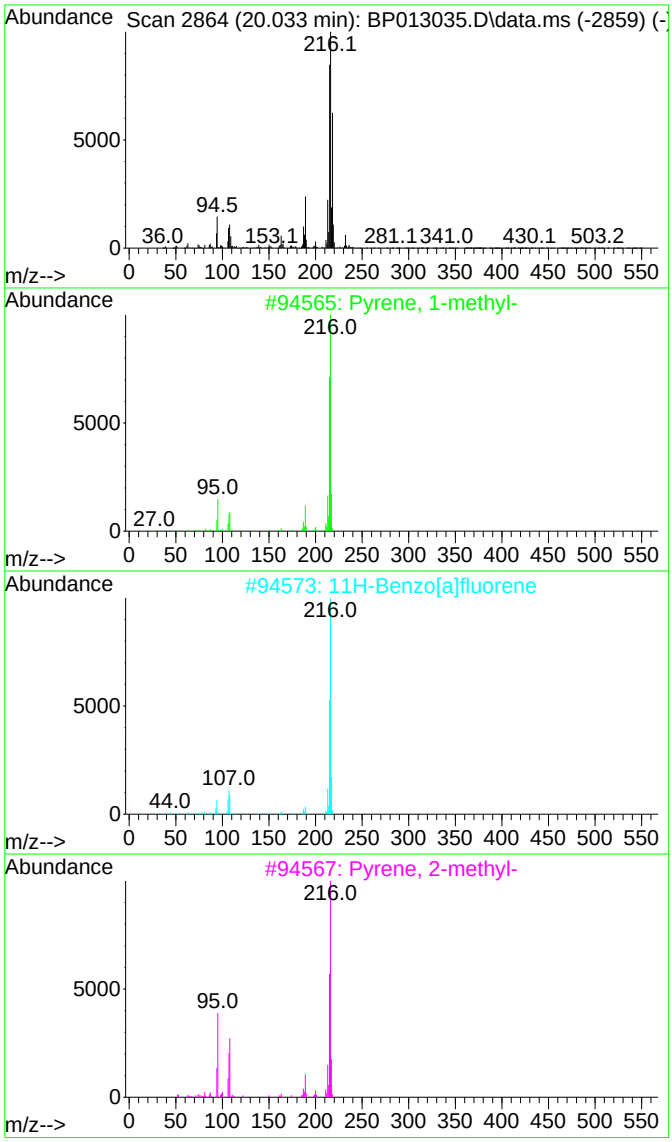
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

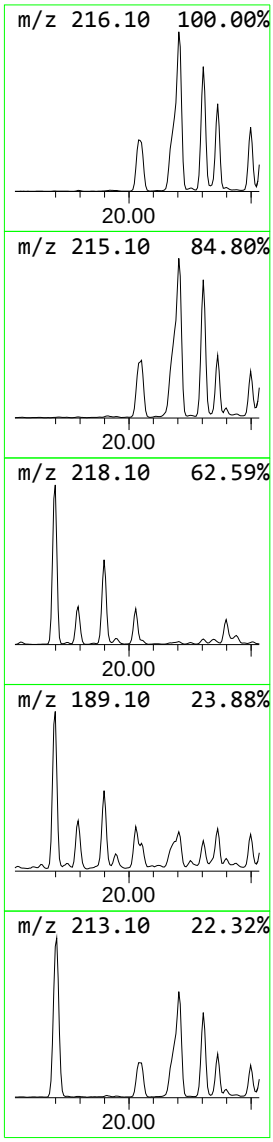
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Pyrene, 1-methyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.033 | 3.77 ng/ul | 7748970 | Chrysene-d12 | 21.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 93 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 93 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 92 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

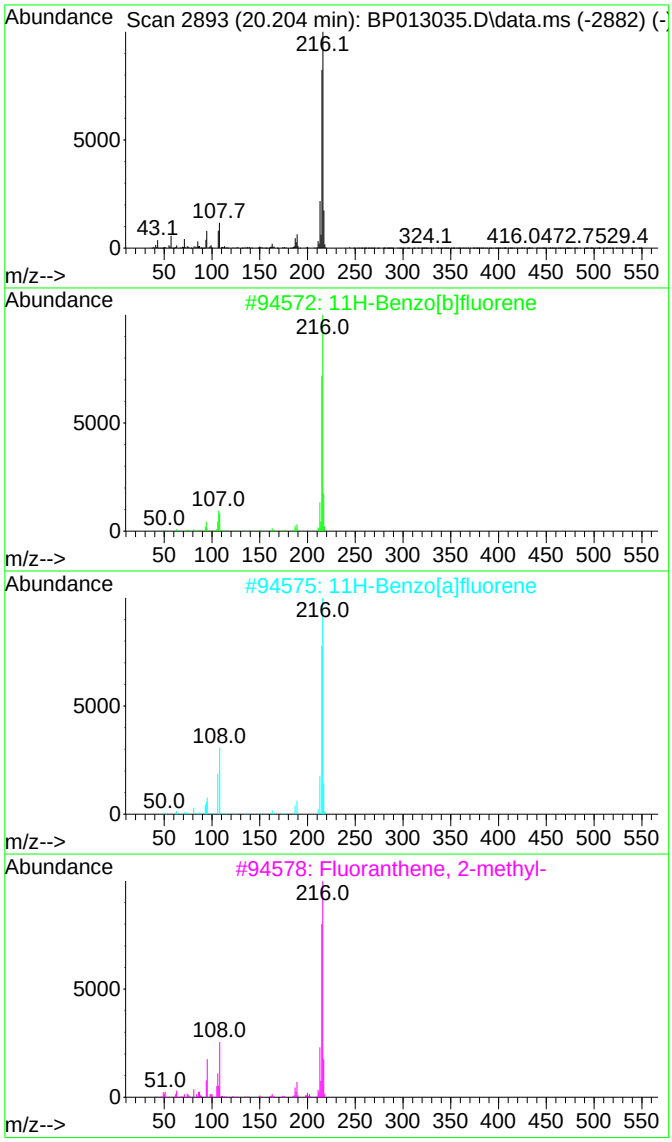
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

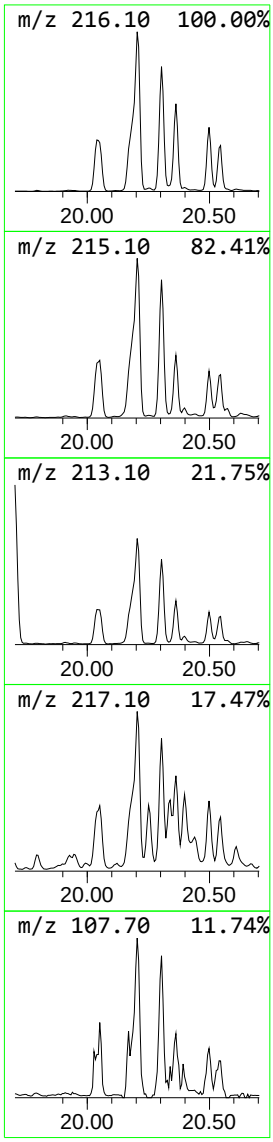
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 11H-Benzo[b]fluorene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.204 | 8.76 ng/ul | 18019300 | Chrysene-d12 | 21.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 94 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 93 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |
| 5 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

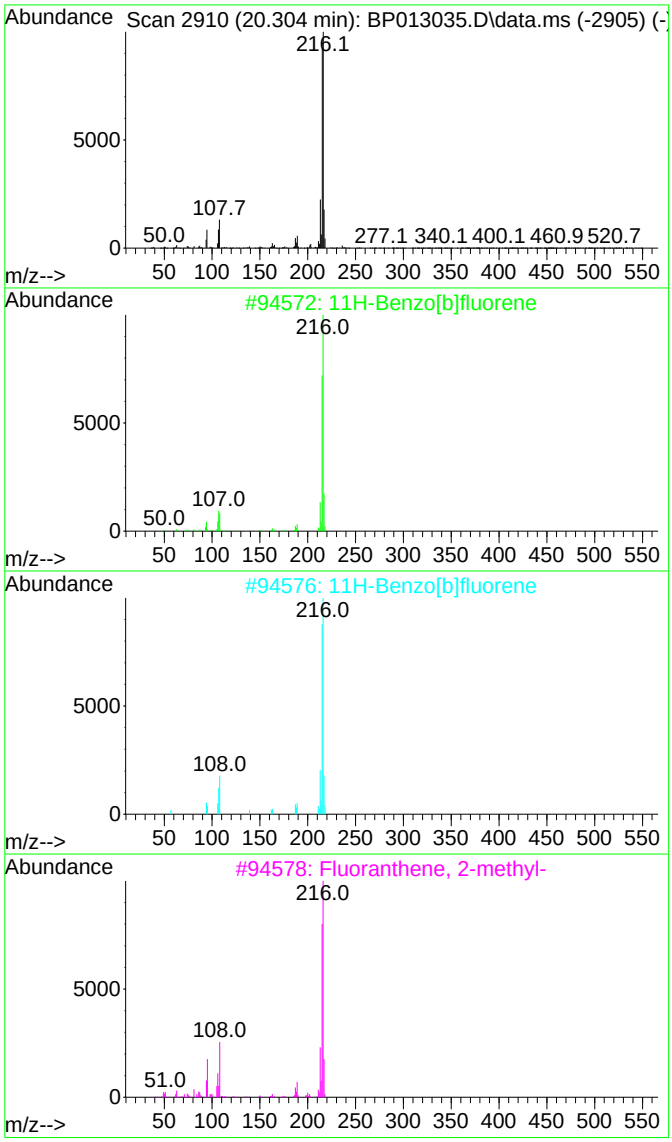
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

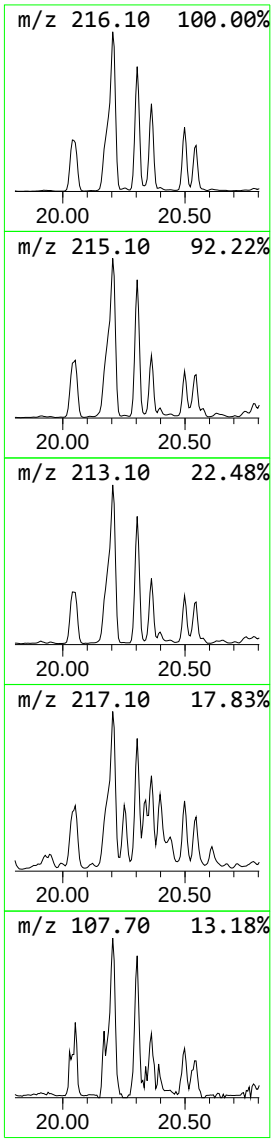
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Fluoranthene, 2-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.304 | 4.27 ng/ul | 8785760 | Chrysene-d12 | 21.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 94 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 5 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

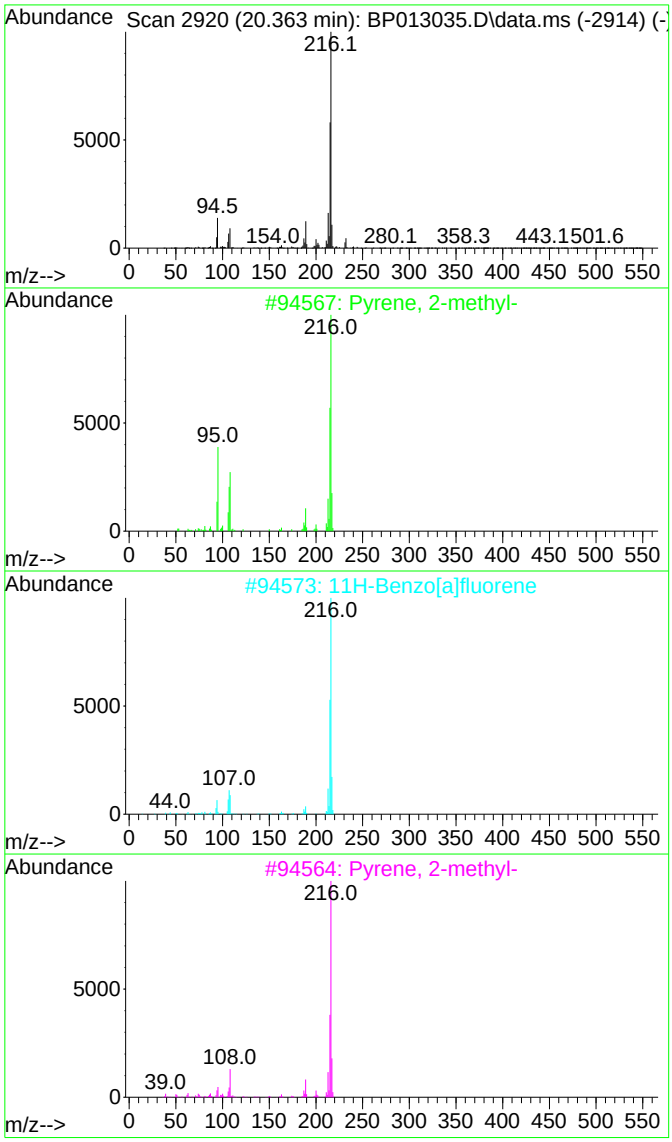
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

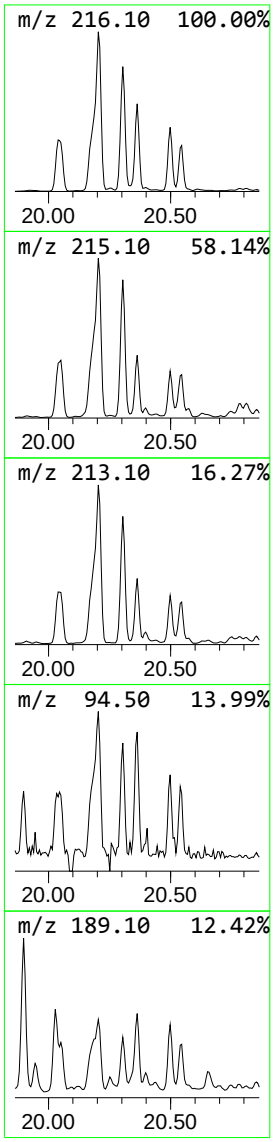
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Pyrene, 2-methyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.363 | 3.44 ng/ul | 7067790 | Chrysene-d12 | 21.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 93 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 90 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 76 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 72 |
| 5 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

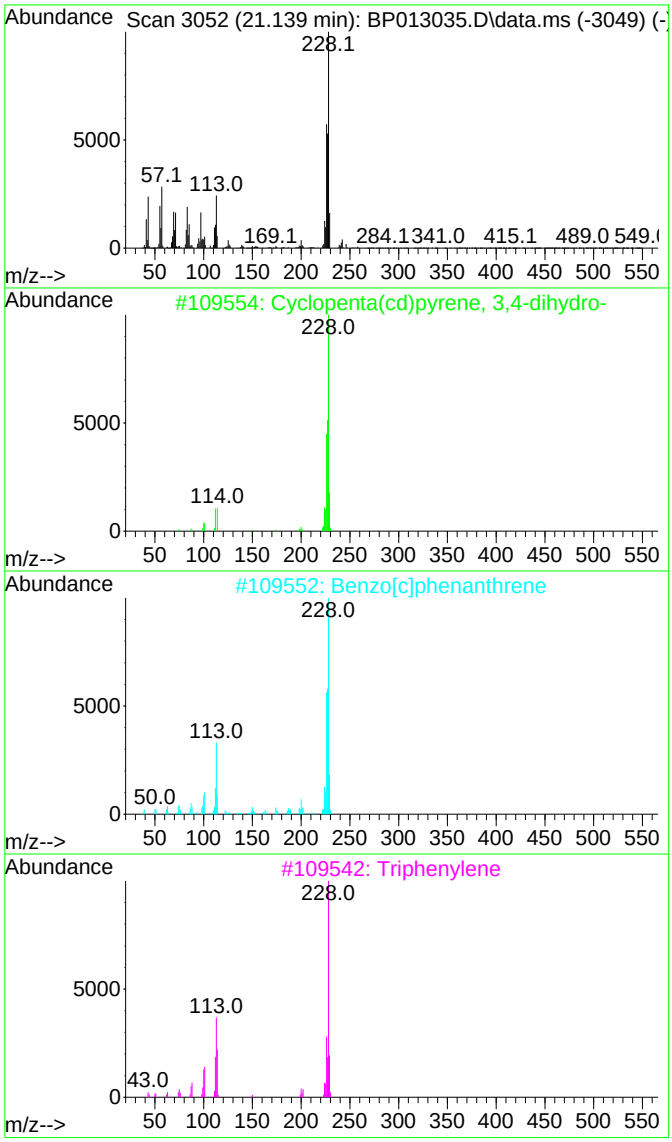
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

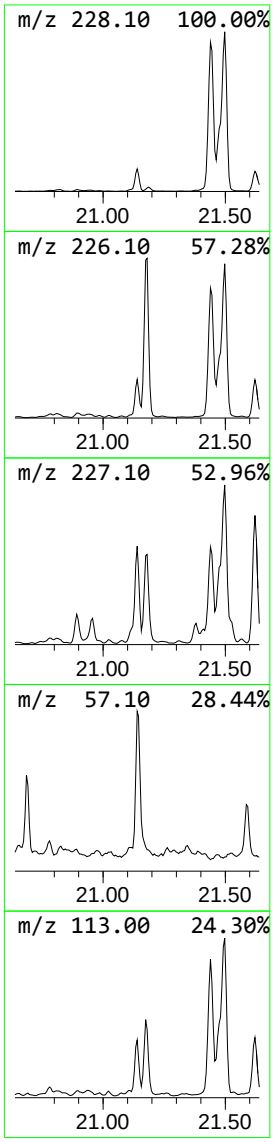
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.139 | 3.45 ng/ul | 7105790 | Chrysene-d12 | 21.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(cd)pyrene, 3,4-dihydro- | 228 | C18H12 | 025732-74-5 | 83 |
| 2 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 59 |
| 3 | Triphenylene | 228 | C18H12 | 000217-59-4 | 53 |
| 4 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 47 |
| 5 | 5-Bromo-1-chloro-2,4-difluoroben... | 226 | C6H2BrClF2 | 914636-89-8 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

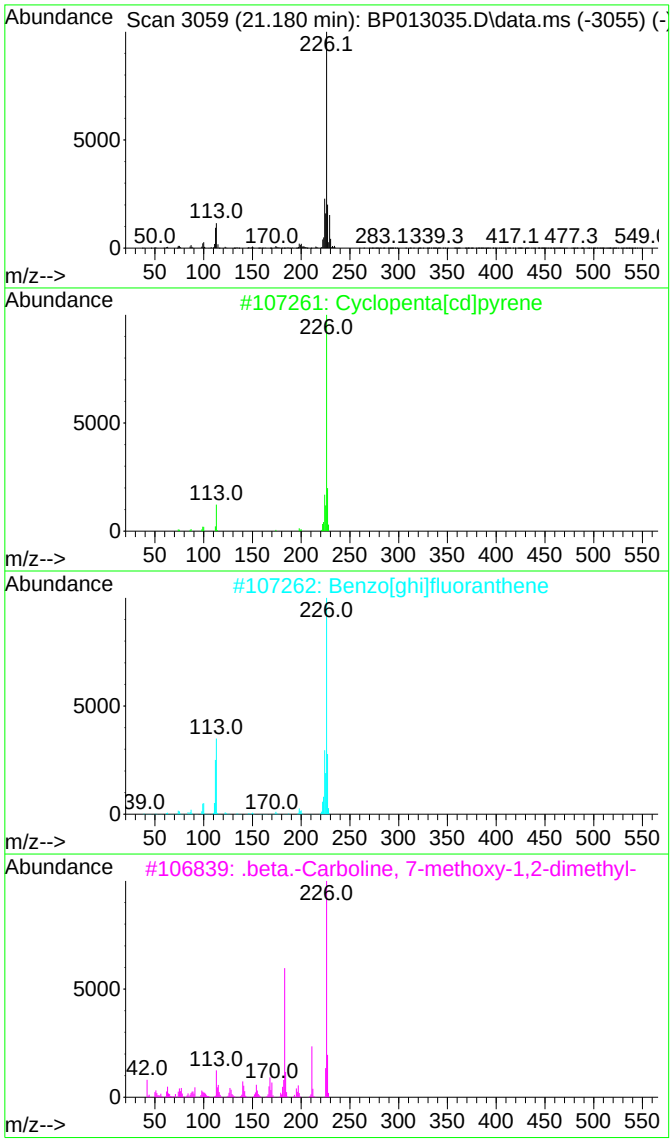
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

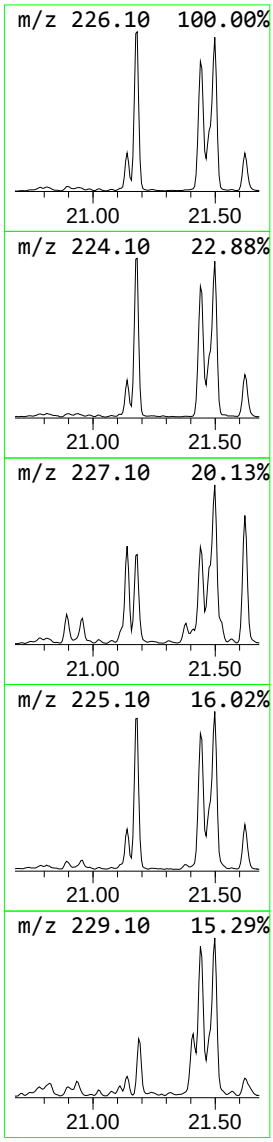
**********

Peak Number 38 Cyclopenta[cd]pyrene Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.180 | 3.43 ng/ul | 7045720 | Chrysene-d12 | 21.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta[cd]pyrene | 226 | C18H10 | 027208-37-3 | 92 |
| 2 | Benzo[ghi]fluoranthene | 226 | C18H10 | 000203-12-3 | 76 |
| 3 | .beta.-Carboline, 7-methoxy-1,2-... | 226 | C14H14N2O | 006519-18-2 | 58 |
| 4 | 1,3-Diamino-5,6-dihydro-7-methyl... | 226 | C13H14N4 | 037436-37-6 | 50 |
| 5 | benzenamine, 4-(2-benzothiazolyl)- | 226 | C13H10N2S | 1000400-93-4 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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

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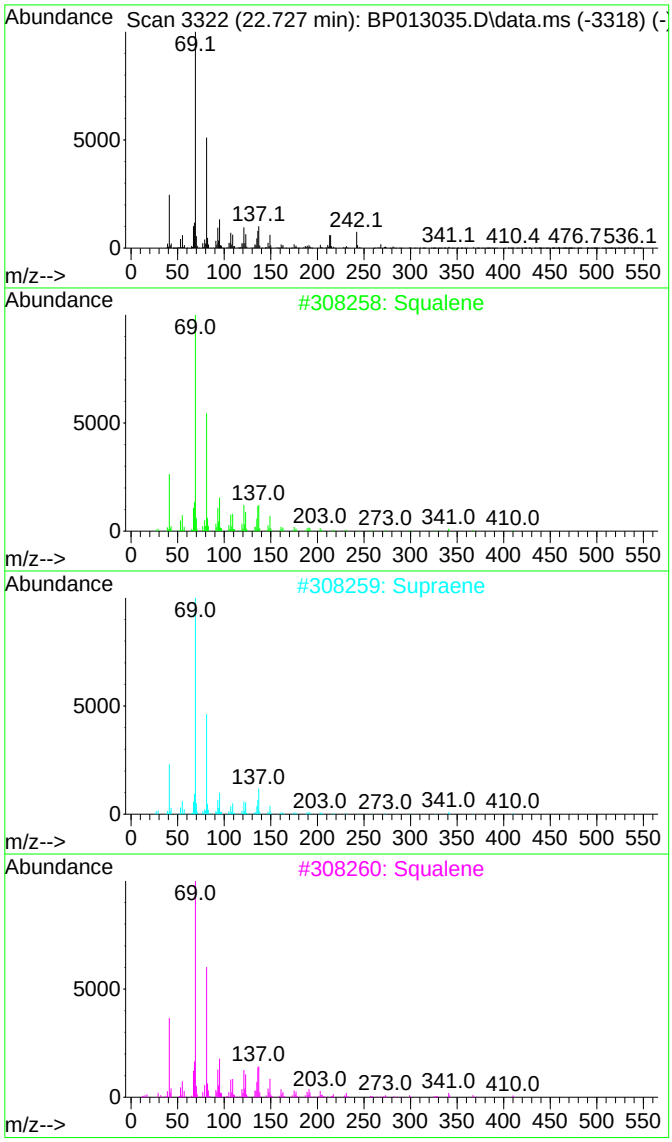
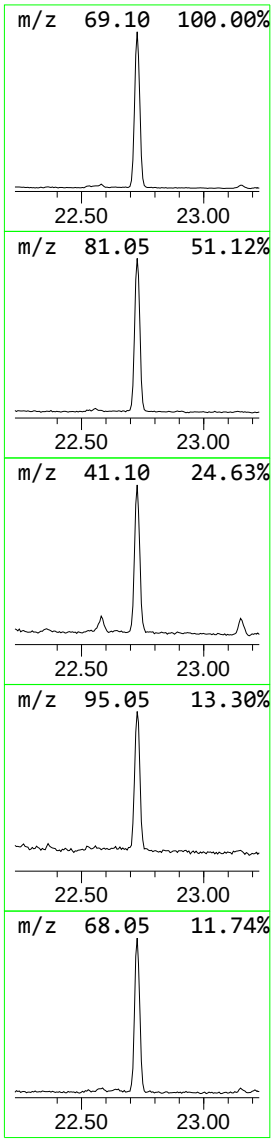
Peak Number 41 Squalene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.727 | 9.72 ng/ul | 3270250 | Perylene-d12 | 23.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 000111-02-4 | 92 |
| 2 | Supraene | 410 | C30H50 | 007683-64-9 | 87 |
| 3 | Squalene | 410 | C30H50 | 000111-02-4 | 83 |
| 4 | Farnesol (E), methyl ether | 236 | C16H28O | 1000352-67-3 | 59 |
| 5 | .beta.-Citronellol, chlorodifluo... | 268 | C12H19ClF2O2 | 1000376-20-8 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

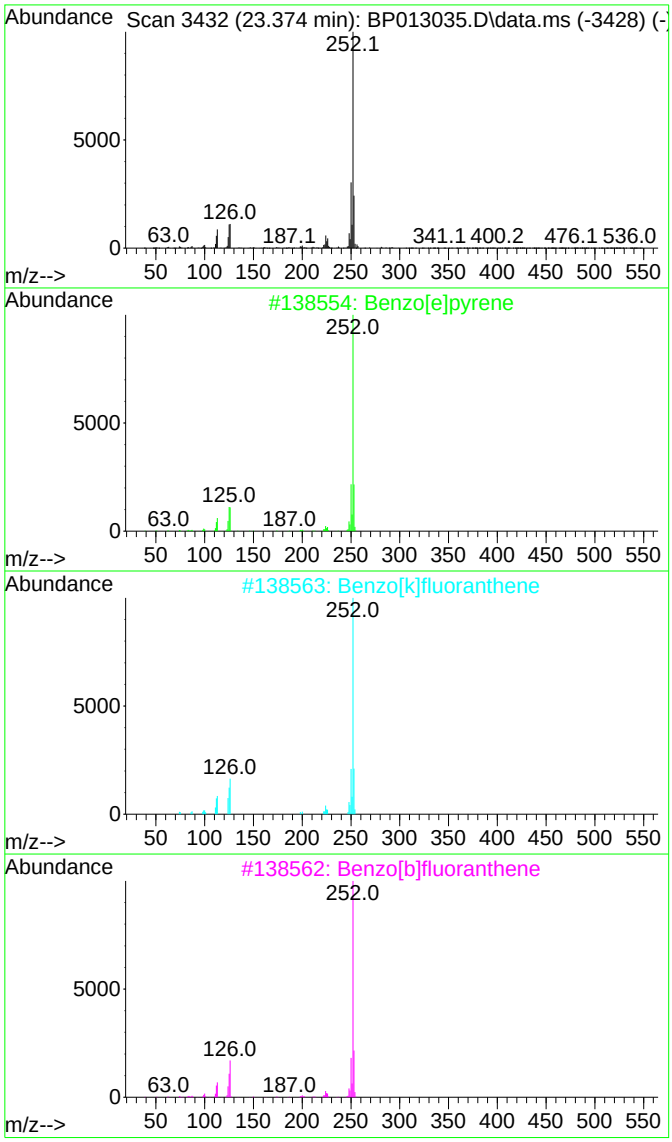
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

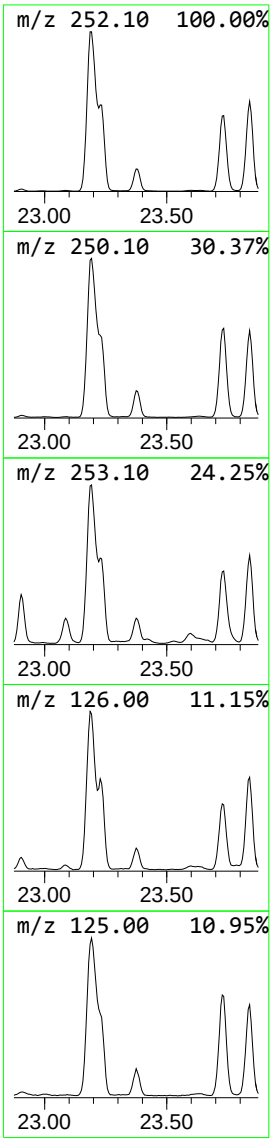
**********

Peak Number 42 Benzo[e]pyrene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.374 | 9.56 ng/ul | 3213970 | Perylene-d12 | 23.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 97 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 94 |
| 4 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 93 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

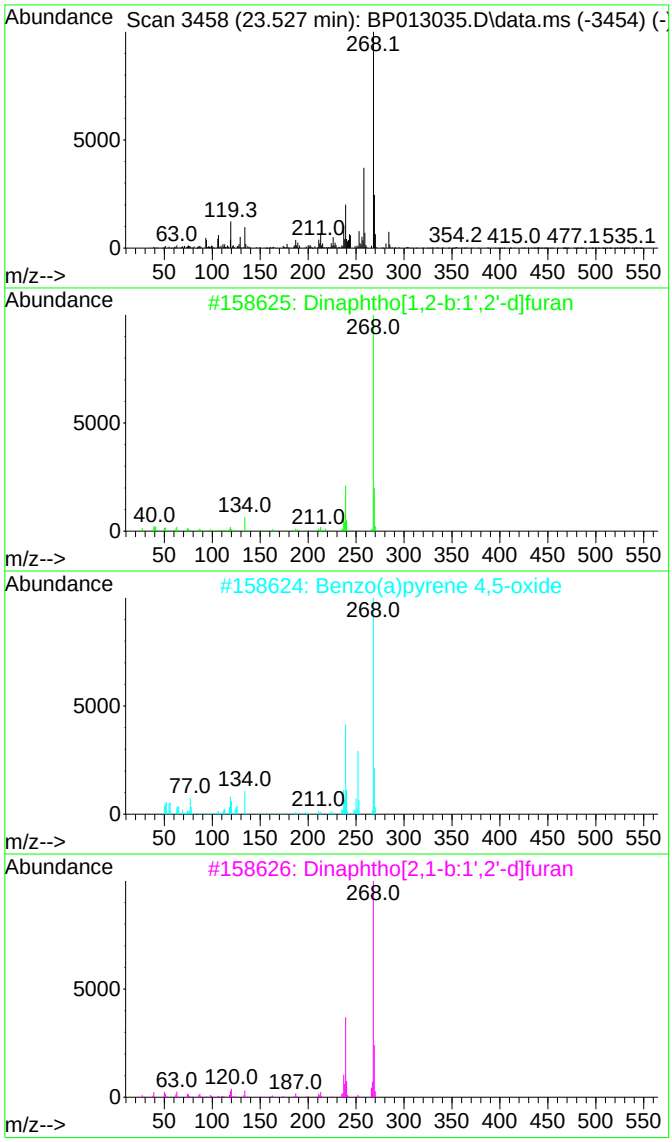
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

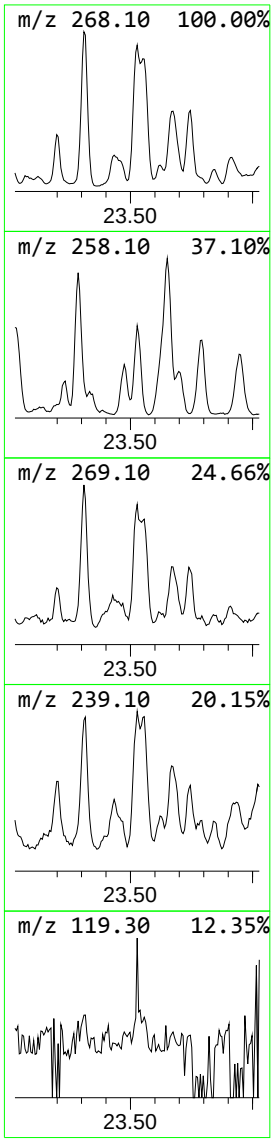
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.527 | 4.21 ng/ul | 1416170 | Perylene-d12 | 23.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dinaphtho[1,2-b:1',2'-d]furan | 268 | C20H12O | 000207-93-2 | 81 |
| 2 | Benzo(a)pyrene 4,5-oxide | 268 | C20H12O | 037574-47-3 | 72 |
| 3 | Dinaphtho[2,1-b:1',2'-d]furan | 268 | C20H12O | 000194-63-8 | 68 |
| 4 | Dinaphtho[1,2-b:1',2'-d]furan | 268 | C20H12O | 000207-93-2 | 59 |
| 5 | trans-4'-Methyl-4-(methylthio)ch... | 268 | C17H16OS | 126443-27-4 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

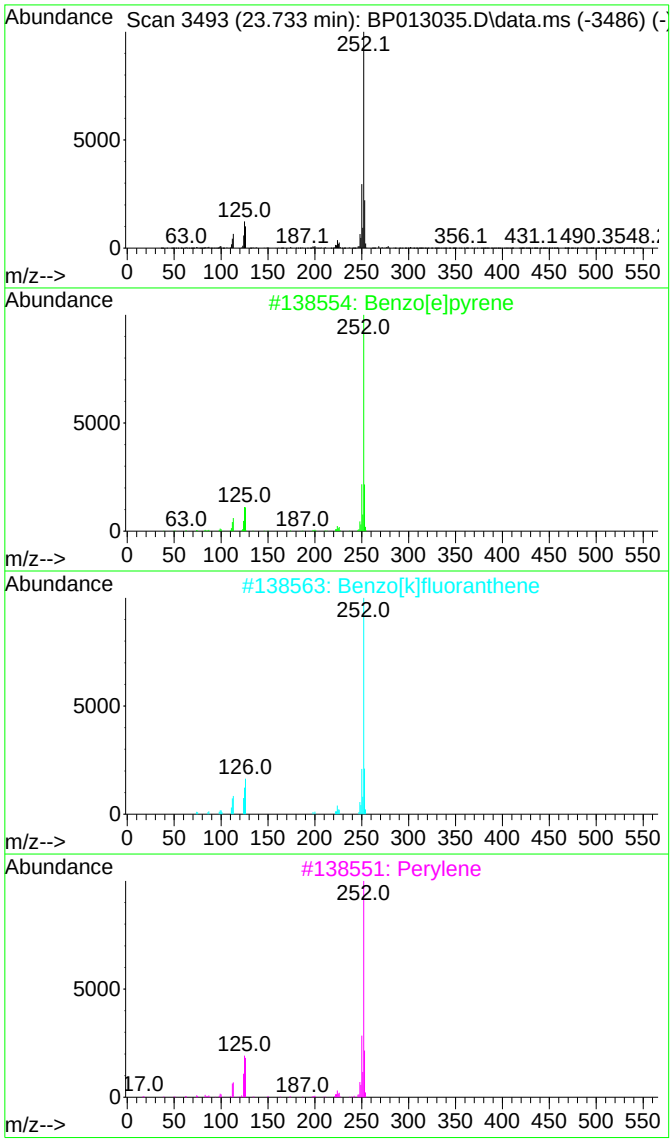
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

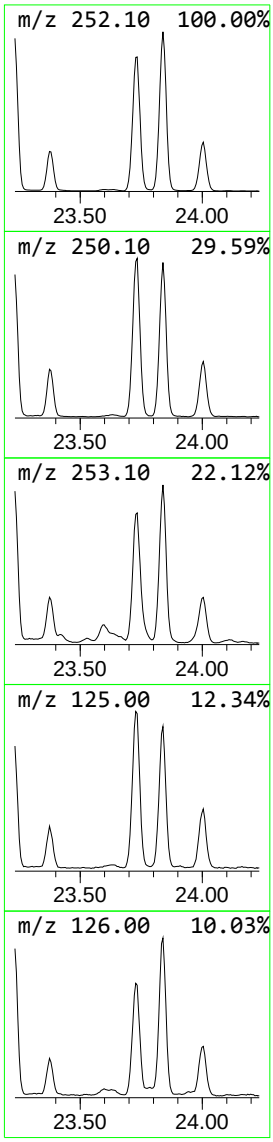
**********

Peak Number 44 Perylene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.733 | 33.59 ng/ul | 11295800 | Perylene-d12 | 23.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 96 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 96 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 95 |
| 5 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

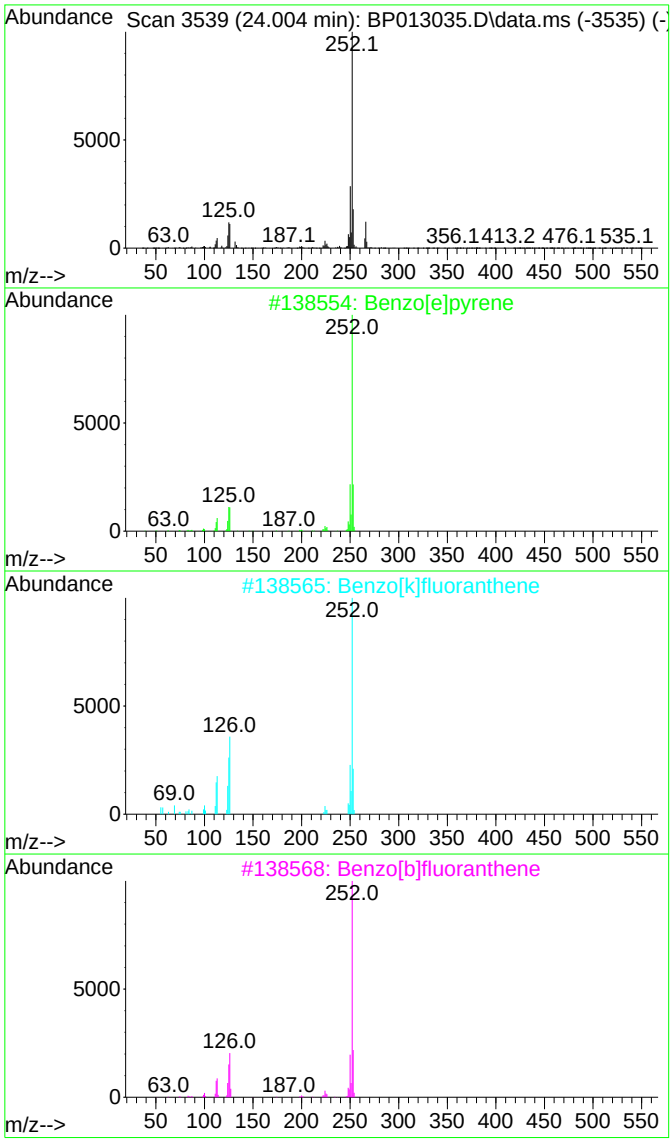
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

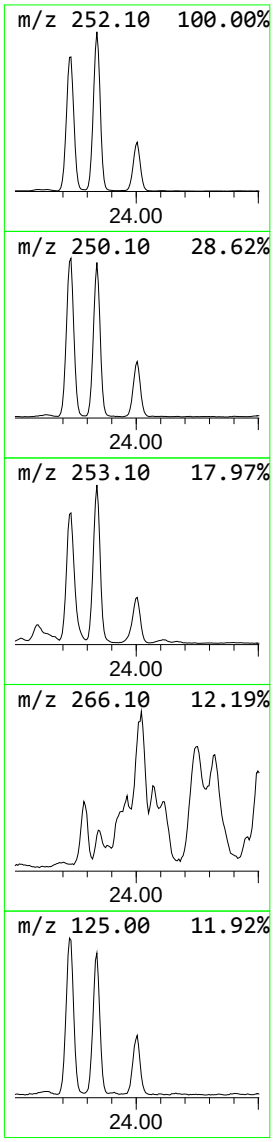
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 unknown-01 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.004 | 14.59 ng/ul | 4906700 | Perylene-d12 | 23.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 94 |
| 4 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 86 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 86 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013035.D
Acq On : 10 Dec 2022 12:29
Operator : CG/JU
Sample : N5832-15ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXL0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.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 |
| (DEL) Alkane: S... | 14.498 | 2.2 | ng/ul | 918461 | 3 | 14.610 | 8440870 | 20.0 |
| Dibenzo furan | 15.010 | 10.8 | ng/ul | 4566410 | 3 | 14.610 | 8440870 | 20.0 |
| (DEL) Alkane: S... | 15.451 | 2.9 | ng/ul | 1238090 | 3 | 14.610 | 8440870 | 20.0 |
| [1,1'-Biphenyl]... | 15.951 | 3.6 | ng/ul | 1531380 | 3 | 14.610 | 8440870 | 20.0 |
| 2,4,6-Cyclohept... | 16.098 | 4.0 | ng/ul | 1965740 | 4 | 17.369 | 9822780 | 20.0 |
| (DEL) Alkane: S... | 16.316 | 5.4 | ng/ul | 2645540 | 4 | 17.369 | 9822780 | 20.0 |
| 9H-Fluorene, 1-... | 16.663 | 4.8 | ng/ul | 2341830 | 4 | 17.369 | 9822780 | 20.0 |
| (DEL) Alkane: S... | 17.110 | 7.5 | ng/ul | 3677350 | 4 | 17.369 | 9822780 | 20.0 |
| Dibenzothiophene | 17.180 | 9.2 | ng/ul | 4493020 | 4 | 17.369 | 9822780 | 20.0 |
| Benzo[h]quinoline | 17.563 | 3.8 | ng/ul | 1852870 | 4 | 17.369 | 9822780 | 20.0 |
| Naphtho[1,2-b]t... | 17.651 | 4.2 | ng/ul | 2073770 | 4 | 17.369 | 9822780 | 20.0 |
| 5H-Indeno[1,2-b... | 17.775 | 38.3 | ng/ul | 18800200 | 4 | 17.369 | 9822780 | 20.0 |
| Tridecane, 1-iodo- | 17.851 | 4.2 | ng/ul | 2056800 | 4 | 17.369 | 9822780 | 20.0 |
| Phenanthrene, 2... | 18.233 | 8.7 | ng/ul | 4269300 | 4 | 17.369 | 9822780 | 20.0 |
| Phenanthrene, 1... | 18.281 | 9.4 | ng/ul | 4609070 | 4 | 17.369 | 9822780 | 20.0 |
| Anthracene, 2-m... | 18.357 | 9.9 | ng/ul | 4882680 | 4 | 17.369 | 9822780 | 20.0 |
| 4H-Cyclopenta[d... | 18.427 | 39.9 | ng/ul | 19604000 | 4 | 17.369 | 9822780 | 20.0 |
| (DEL) Alkane: S... | 18.522 | 4.8 | ng/ul | 2366550 | 4 | 17.369 | 9822780 | 20.0 |
| 5,16[1',2']:8,1... | 18.710 | 4.7 | ng/ul | 2314830 | 4 | 17.369 | 9822780 | 20.0 |
| 9,10-Anthracene... | 18.757 | 4.6 | ng/ul | 2260530 | 4 | 17.369 | 9822780 | 20.0 |
| 1-Methyl-3-phen... | 19.128 | 8.4 | ng/ul | 4144780 | 4 | 17.369 | 9822780 | 20.0 |
| 1-(4,5-Dimethyl... | 19.180 | 6.2 | ng/ul | 3064170 | 4 | 17.369 | 9822780 | 20.0 |
| Cyclopenta(def)... | 19.257 | 12.6 | ng/ul | 6165110 | 4 | 17.369 | 9822780 | 20.0 |
| Phenaleno[1,9-b... | 19.610 | 3.2 | ng/ul | 6596700 | 5 | 21.457 | 41137200 | 20.0 |
| Pyrene, 1-methyl- | 20.033 | 3.8 | ng/ul | 7748970 | 5 | 21.457 | 41137200 | 20.0 |
| 11H-Benzo[b]flu... | 20.204 | 8.8 | ng/ul | 18019300 | 5 | 21.457 | 41137200 | 20.0 |
| Fluoranthene, 2... | 20.304 | 4.3 | ng/ul | 8785760 | 5 | 21.457 | 41137200 | 20.0 |
| Pyrene, 2-methyl- | 20.363 | 3.4 | ng/ul | 7067790 | 5 | 21.457 | 41137200 | 20.0 |
| Cyclopenta(cd)p... | 21.139 | 3.5 | ng/ul | 7105790 | 5 | 21.457 | 41137200 | 20.0 |
| Cyclopenta[cd]p... | 21.180 | 3.4 | ng/ul | 7045720 | 5 | 21.457 | 41137200 | 20.0 |
| Squalene | 22.727 | 9.7 | ng/ul | 3270250 | 6 | 23.945 | 6726120 | 20.0 |
| Benzo[e]pyrene | 23.374 | 9.6 | ng/ul | 3213970 | 6 | 23.945 | 6726120 | 20.0 |
| Dinaphtho[1,2-b... | 23.527 | 4.2 | ng/ul | 1416170 | 6 | 23.945 | 6726120 | 20.0 |
| Perylene | 23.733 | 33.6 | ng/ul | 11295800 | 6 | 23.945 | 6726120 | 20.0 |
| unknown-01 | 24.004 | 14.6 | ng/ul | 4906700 | 6 | 23.945 | 6726120 | 20.0 |