LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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: BP013018.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 | 97 | 101 | 116 | rBV | 1157916 | 1864925 | 2.70% | 0.291% |
| 2 | 7.128 | 660 | 670 | 678 | rBV | 2359120 | 3697802 | 5.34% | 0.576% |
| 3 | 7.299 | 692 | 699 | 707 | rBV | 1915105 | 2908993 | 4.20% | 0.453% |
| 4 | 7.499 | 725 | 733 | 743 | rBV | 2369329 | 3692510 | 5.34% | 0.576% |
| 5 | 7.975 | 806 | 814 | 820 | rBV | 2362823 | 3828887 | 5.53% | 0.597% |
| 6 | 8.516 | 899 | 906 | 914 | rBV | 402284 | 714293 | 1.03% | 0.111% |
| 7 | 8.681 | 926 | 934 | 941 | rBV | 2876703 | 4676404 | 6.76% | 0.729% |
| 8 | 9.140 | 1005 | 1012 | 1021 | rBV | 2198812 | 3556616 | 5.14% | 0.554% |
| 9 | 9.863 | 1127 | 1135 | 1142 | rBV | 1834495 | 3023474 | 4.37% | 0.471% |
| 10 | 10.404 | 1220 | 1227 | 1238 | rVB | 3053405 | 5019151 | 7.25% | 0.782% |
| 11 | 10.787 | 1280 | 1292 | 1297 | rBV | 3486945 | 5995010 | 8.66% | 0.935% |
| 12 | 10.840 | 1297 | 1301 | 1308 | rVV | 1327689 | 2134920 | 3.09% | 0.333% |
| 13 | 10.922 | 1308 | 1315 | 1330 | rVB | 2444276 | 4306486 | 6.22% | 0.671% |
| 14 | 12.440 | 1567 | 1573 | 1582 | rVB | 1297288 | 1972577 | 2.85% | 0.307% |
| 15 | 12.675 | 1606 | 1613 | 1619 | rVB2 | 371119 | 829065 | 1.20% | 0.129% |
| 16 | 13.445 | 1737 | 1744 | 1750 | rVB2 | 419783 | 846687 | 1.22% | 0.132% |
| 17 | 14.016 | 1833 | 1841 | 1847 | rVV | 5097496 | 7324437 | 10.59% | 1.142% |
| 18 | 14.310 | 1884 | 1891 | 1909 | rVB2 | 6022899 | 10572508 | 15.28% | 1.648% |
| 19 | 14.498 | 1918 | 1923 | 1928 | rBV | 828218 | 1081704 | 1.56% | 0.169% |
| 20 | 14.610 | 1931 | 1942 | 1949 | rVV | 5373712 | 8603929 | 12.44% | 1.341% |
| 21 | 14.675 | 1949 | 1953 | 1961 | rVB | 1618570 | 2429611 | 3.51% | 0.379% |
| 22 | 14.804 | 1969 | 1975 | 1985 | rVB | 1946503 | 3087853 | 4.46% | 0.481% |
| 23 | 15.010 | 2005 | 2010 | 2016 | rBV | 2550679 | 3666899 | 5.30% | 0.572% |
| 24 | 15.451 | 2080 | 2085 | 2089 | rVB | 1167595 | 1427457 | 2.06% | 0.223% |
| 25 | 15.604 | 2105 | 2111 | 2116 | rBV | 7320991 | 10983740 | 15.87% | 1.712% |
| 26 | 15.663 | 2116 | 2121 | 2126 | rVB2 | 5499363 | 7570399 | 10.94% | 1.180% |
| 27 | 15.722 | 2126 | 2131 | 2139 | rBV | 2267048 | 3066159 | 4.43% | 0.478% |
| 28 | 15.857 | 2145 | 2154 | 2159 | rBV3 | 493882 | 1118203 | 1.62% | 0.174% |
| 29 | 15.957 | 2167 | 2171 | 2176 | rVB2 | 489775 | 746740 | 1.08% | 0.116% |
| 30 | 16.316 | 2227 | 2232 | 2234 | rBV | 2175278 | 2933065 | 4.24% | 0.457% |
| 31 | 16.339 | 2234 | 2236 | 2248 | rVB | 2190962 | 2913940 | 4.21% | 0.454% |
| 32 | 16.669 | 2288 | 2292 | 2298 | rBV4 | 404154 | 726032 | 1.05% | 0.113% |
| 33 | 17.016 | 2347 | 2351 | 2357 | rVB2 | 1311125 | 1946625 | 2.81% | 0.303% |
| 34 | 17.116 | 2363 | 2368 | 2372 | rBV | 1883364 | 2432301 | 3.52% | 0.379% |
| 35 | 17.181 | 2373 | 2379 | 2388 | rVB2 | 1225624 | 2999652 | 4.34% | 0.468% |
| 36 | 17.369 | 2406 | 2411 | 2415 | rBV | 6577350 | 10157142 | 14.68% | 1.583% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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 | 17.416 | 2415 | 2419 | 2424 | rVV | 14056161 | 20530126 | 29.67% | 3.200% |
| 38 | 17.475 | 2424 | 2429 | 2430 | rVV | 7068719 | 9025587 | 13.04% | 1.407% |
| 39 | 17.522 | 2430 | 2437 | 2441 | rVV2 | 32284801 | 69191146 | 100.00% | 10.786% |
| 40 | 17.563 | 2441 | 2444 | 2453 | rVV | 1565431 | 2638466 | 3.81% | 0.411% |
| 41 | 17.651 | 2455 | 2459 | 2467 | rVB | 1017527 | 1639118 | 2.37% | 0.256% |
| 42 | 17.775 | 2475 | 2480 | 2489 | rVB | 14660554 | 20786112 | 30.04% | 3.240% |
| 43 | 17.857 | 2490 | 2494 | 2497 | rBV | 1748969 | 2133185 | 3.08% | 0.333% |
| 44 | 18.198 | 2548 | 2552 | 2555 | rBV | 750018 | 1114556 | 1.61% | 0.174% |
| 45 | 18.239 | 2555 | 2559 | 2562 | rVV2 | 1354181 | 1792133 | 2.59% | 0.279% |
| 46 | 18.281 | 2562 | 2566 | 2573 | rVB3 | 1487316 | 2346370 | 3.39% | 0.366% |
| 47 | 18.357 | 2574 | 2579 | 2585 | rBV | 2518665 | 3710289 | 5.36% | 0.578% |
| 48 | 18.428 | 2585 | 2591 | 2595 | rBV | 7061006 | 10188781 | 14.73% | 1.588% |
| 49 | 18.522 | 2603 | 2607 | 2611 | rVB | 2200919 | 2557806 | 3.70% | 0.399% |
| 50 | 18.563 | 2611 | 2614 | 2618 | rBV | 715079 | 903013 | 1.31% | 0.141% |
| 51 | 18.610 | 2618 | 2622 | 2626 | rBV | 716765 | 997517 | 1.44% | 0.155% |
| 52 | 18.710 | 2637 | 2639 | 2643 | rVB | 655276 | 780210 | 1.13% | 0.122% |
| 53 | 18.757 | 2643 | 2647 | 2652 | rBV | 1729768 | 2286737 | 3.30% | 0.356% |
| 54 | 19.133 | 2705 | 2711 | 2715 | rVB2 | 1669624 | 2393011 | 3.46% | 0.373% |
| 55 | 19.180 | 2716 | 2719 | 2727 | rVB3 | 1088138 | 1679460 | 2.43% | 0.262% |
| 56 | 19.257 | 2728 | 2732 | 2740 | rBV2 | 2741840 | 5205051 | 7.52% | 0.811% |
| 57 | 19.380 | 2747 | 2753 | 2758 | rVB | 20148830 | 27987188 | 40.45% | 4.363% |
| 58 | 19.469 | 2764 | 2768 | 2772 | rBV | 2309306 | 2732201 | 3.95% | 0.426% |
| 59 | 19.592 | 2785 | 2789 | 2801 | rVB2 | 3564267 | 6662518 | 9.63% | 1.039% |
| 60 | 19.704 | 2802 | 2808 | 2810 | rBV2 | 12914380 | 20831352 | 30.11% | 3.247% |
| 61 | 19.733 | 2810 | 2813 | 2820 | rVV | 17067592 | 22634994 | 32.71% | 3.528% |
| 62 | 19.792 | 2820 | 2823 | 2829 | rVB2 | 929537 | 1438882 | 2.08% | 0.224% |
| 63 | 19.904 | 2838 | 2842 | 2848 | rBV | 1034527 | 1761231 | 2.55% | 0.275% |
| 64 | 19.969 | 2848 | 2853 | 2858 | rVB | 9461899 | 12411497 | 17.94% | 1.935% |
| 65 | 20.051 | 2860 | 2867 | 2872 | rBV3 | 1869336 | 4276326 | 6.18% | 0.667% |
| 66 | 20.192 | 2882 | 2891 | 2892 | rBV4 | 5018103 | 9322228 | 13.47% | 1.453% |
| 67 | 20.257 | 2898 | 2902 | 2905 | rBV | 2032085 | 2545630 | 3.68% | 0.397% |
| 68 | 20.304 | 2906 | 2910 | 2914 | rBV | 3336422 | 4373514 | 6.32% | 0.682% |
| 69 | 20.351 | 2914 | 2918 | 2919 | rBV2 | 1156885 | 1646623 | 2.38% | 0.257% |
| 70 | 20.398 | 2924 | 2926 | 2930 | rVB | 1212182 | 1345536 | 1.94% | 0.210% |
| 71 | 20.504 | 2940 | 2944 | 2948 | rBV | 1908278 | 2898198 | 4.19% | 0.452% |
| 72 | 20.545 | 2948 | 2951 | 2955 | rVB2 | 1230159 | 1549415 | 2.24% | 0.242% |
| 73 | 20.616 | 2960 | 2963 | 2967 | rBV | 1248075 | 1466619 | 2.12% | 0.229% |
| 74 | 20.692 | 2973 | 2976 | 2982 | rVB3 | 1300039 | 1604759 | 2.32% | 0.250% |
| 75 | 20.898 | 3007 | 3011 | 3014 | rBV2 | 1414302 | 2106223 | 3.04% | 0.328% |
| 76 | 20.939 | 3015 | 3018 | 3024 | rVB3 | 2074589 | 3726696 | 5.39% | 0.581% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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 | 21.110 | 3043 | 3047 | 3049 | rBV | 2005606 | 2772454 | 4.01% | 0.432% |
| 78 | 21.145 | 3049 | 3053 | 3056 | rVV4 | 3669552 | 5283269 | 7.64% | 0.824% |
| 79 | 21.180 | 3056 | 3059 | 3064 | rVB2 | 4335902 | 5670834 | 8.20% | 0.884% |
| 80 | 21.322 | 3079 | 3083 | 3091 | rBV4 | 1292824 | 2983366 | 4.31% | 0.465% |
| 81 | 21.451 | 3095 | 3105 | 3111 | rBV4 | 9804465 | 33374285 | 48.23% | 5.202% |
| 82 | 21.498 | 3111 | 3113 | 3119 | rVB | 12112942 | 14610723 | 21.12% | 2.278% |
| 83 | 21.592 | 3126 | 3129 | 3132 | rBV | 1197951 | 1323520 | 1.91% | 0.206% |
| 84 | 21.627 | 3132 | 3135 | 3141 | rVB | 3015367 | 4264227 | 6.16% | 0.665% |
| 85 | 21.786 | 3158 | 3162 | 3168 | rVB2 | 2751754 | 4210824 | 6.09% | 0.656% |
| 86 | 22.222 | 3233 | 3236 | 3240 | rBV2 | 958068 | 1334575 | 1.93% | 0.208% |
| 87 | 22.269 | 3241 | 3244 | 3248 | rVV | 1826245 | 3095927 | 4.47% | 0.483% |
| 88 | 22.310 | 3248 | 3251 | 3257 | rVB2 | 1945244 | 2930981 | 4.24% | 0.457% |
| 89 | 22.580 | 3293 | 3297 | 3302 | rBV3 | 1535850 | 2729283 | 3.94% | 0.425% |
| 90 | 23.198 | 3393 | 3402 | 3407 | rBV | 15683957 | 39937862 | 57.72% | 6.226% |
| 91 | 23.386 | 3428 | 3434 | 3440 | rBV | 2767781 | 4999296 | 7.23% | 0.779% |
| 92 | 23.533 | 3455 | 3459 | 3467 | rBV2 | 747474 | 1628965 | 2.35% | 0.254% |
| 93 | 23.739 | 3487 | 3494 | 3499 | rBV | 7072546 | 15470814 | 22.36% | 2.412% |
| 94 | 23.792 | 3499 | 3503 | 3507 | rVV2 | 5075103 | 10210001 | 14.76% | 1.592% |
| 95 | 23.845 | 3507 | 3512 | 3519 | rVB | 8253729 | 16546005 | 23.91% | 2.579% |
| 96 | 23.951 | 3525 | 3530 | 3535 | rBV | 3314646 | 6387791 | 9.23% | 0.996% |
| 97 | 24.010 | 3536 | 3540 | 3549 | rVB2 | 2857296 | 6222335 | 8.99% | 0.970% |
| 98 | 26.562 | 3965 | 3974 | 3979 | rBV2 | 2850243 | 9241728 | 13.36% | 1.441% |
| 99 | 26.621 | 3980 | 3984 | 4003 | rVB2 | 3670081 | 10559222 | 15.26% | 1.646% |
| 100 | 27.362 | 4103 | 4110 | 4128 | rVB2 | 1727750 | 5652362 | 8.17% | 0.881% |

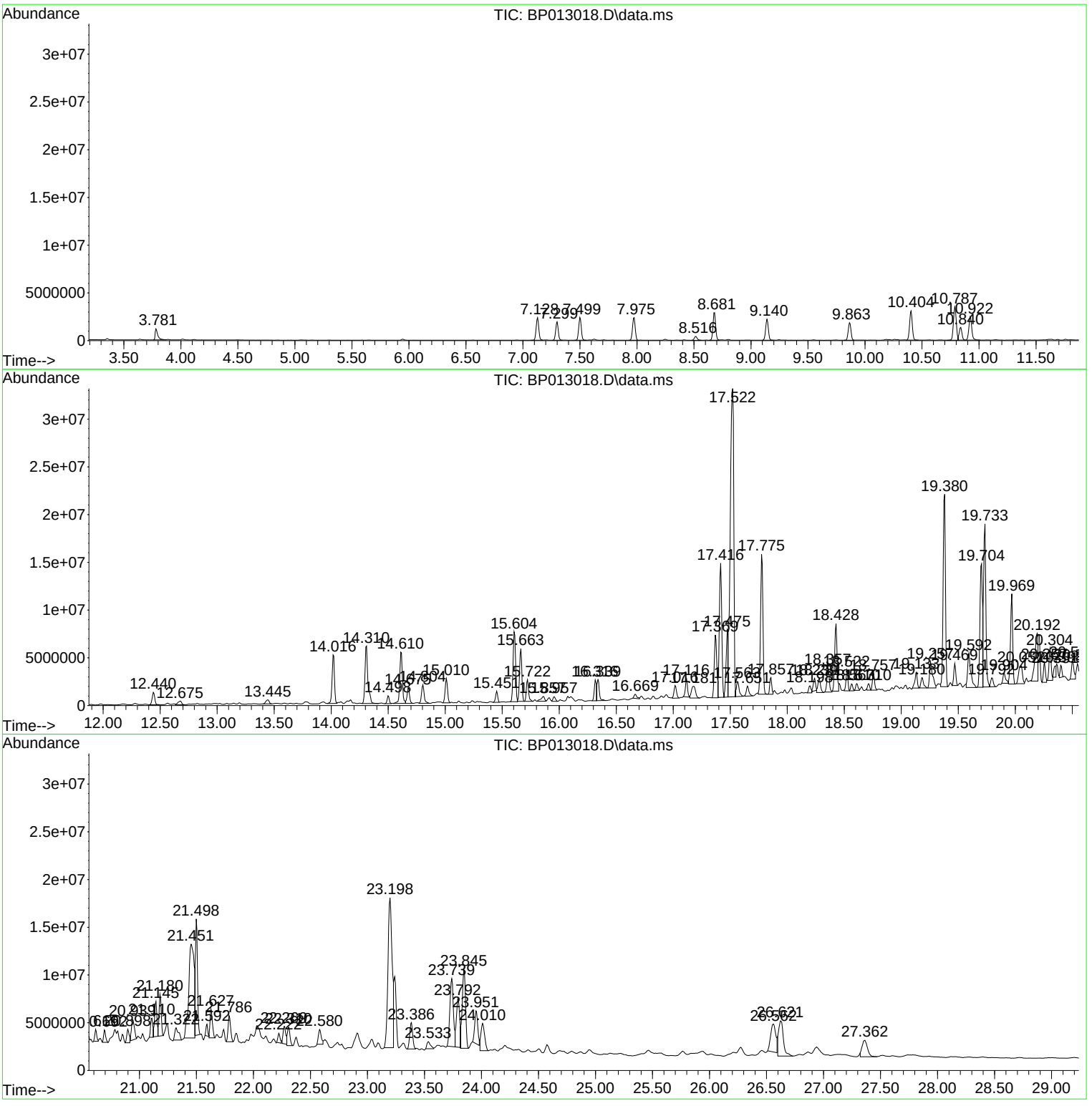
Sum of corrected areas: 641517149

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

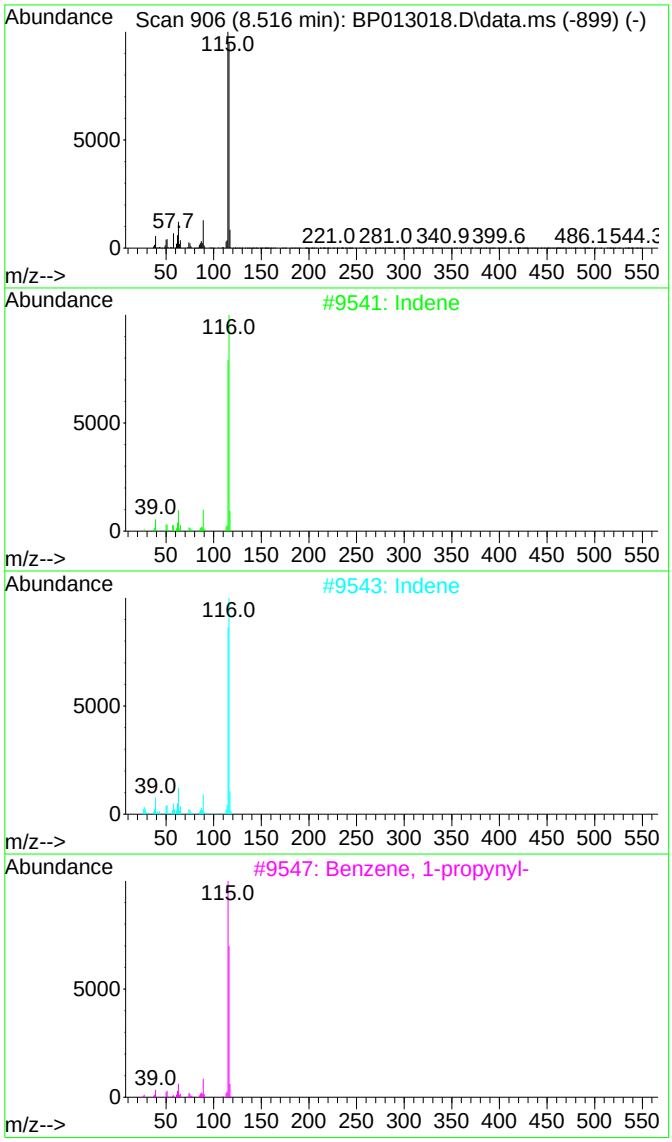
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

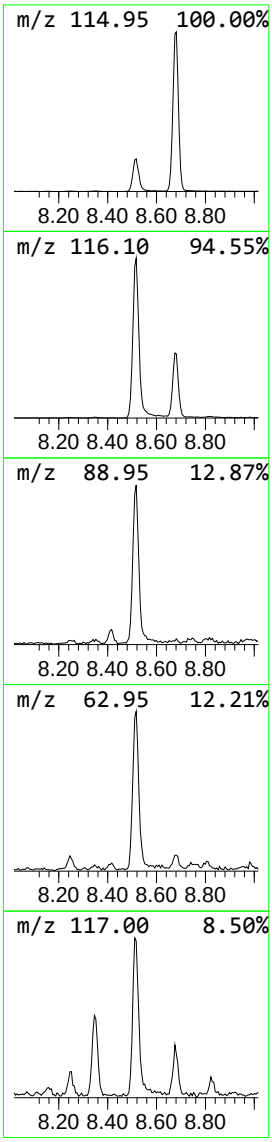
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Indene Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.516 | 3.73 ng/ul | 714293 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 97 |
| 2 | Indene | 116 | C9H8 | 000095-13-6 | 95 |
| 3 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 94 |
| 4 | Indene | 116 | C9H8 | 000095-13-6 | 94 |
| 5 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

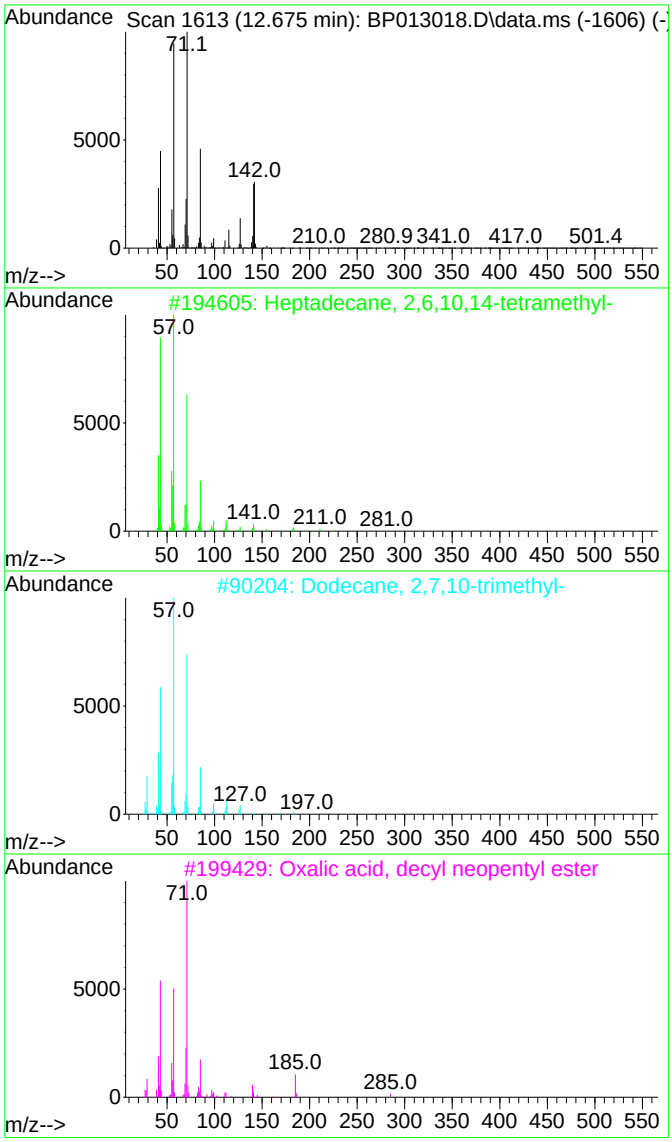
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

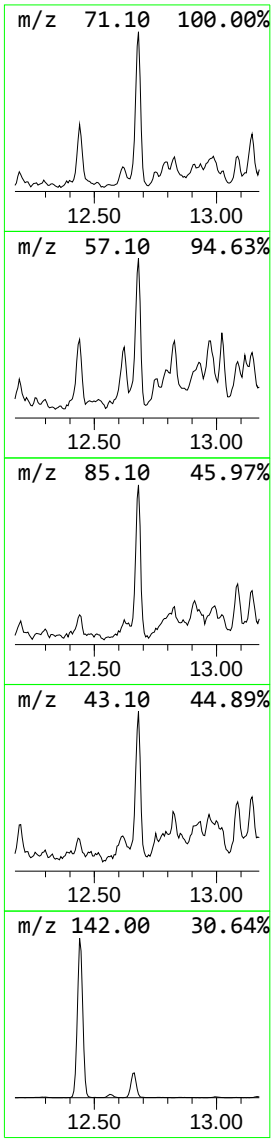
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.675 | 2.77 ng/ul | 829065 | Naphthalene-d8 | 10.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 56 |
| 2 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 53 |
| 3 | Oxalic acid, decyl neopentyl ester | 300 | C17H32O4 | 1000309-73-4 | 47 |
| 4 | Octane, 2,6,6-trimethyl- | 156 | C11H24 | 054166-32-4 | 43 |
| 5 | Sulfurous acid, nonyl 2-pentyl e... | 278 | C14H30O3S | 1010309-15-8 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

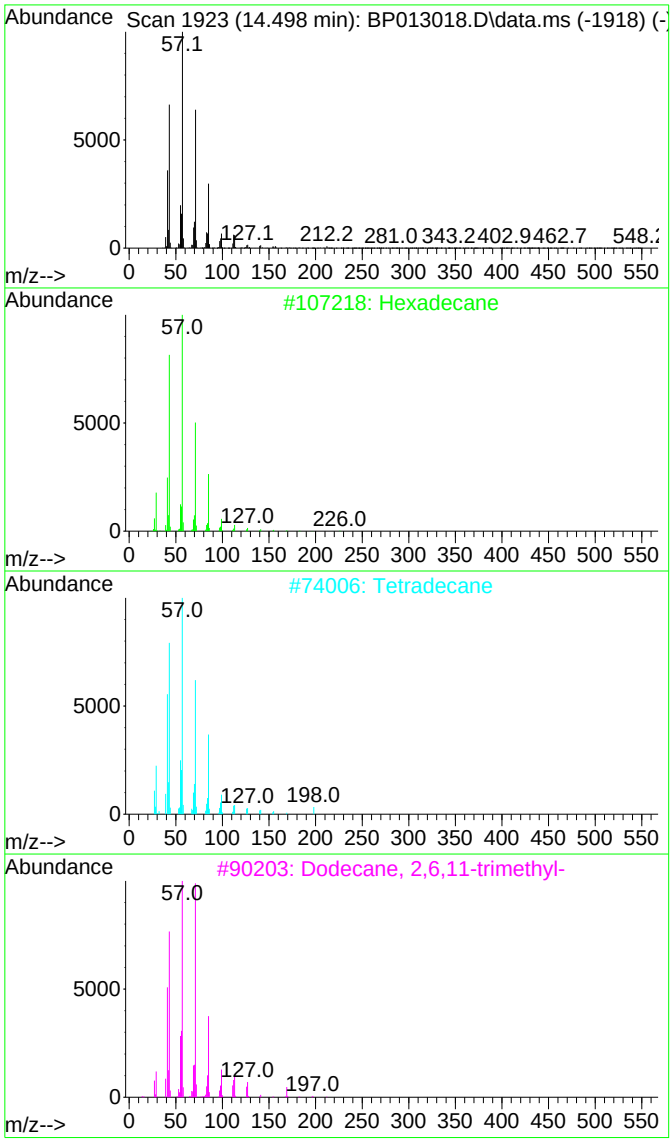
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

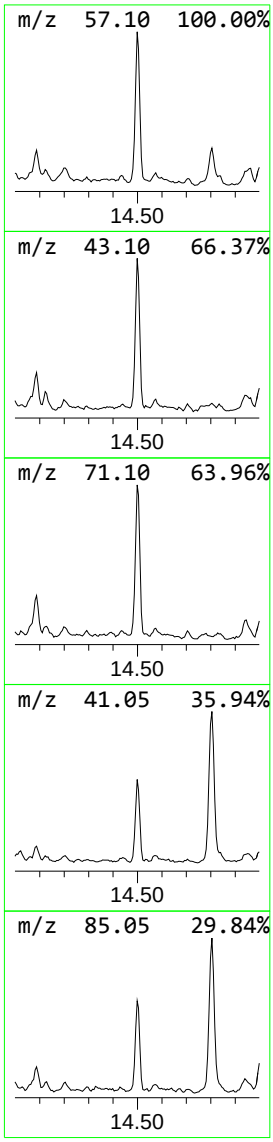
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.498 | 2.51 ng/ul | 1081700 | Acenaphthene-d10 | 14.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 3 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 87 |
| 4 | Tridecane, 6-methyl- | 198 | C14H30 | 013287-21-3 | 87 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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

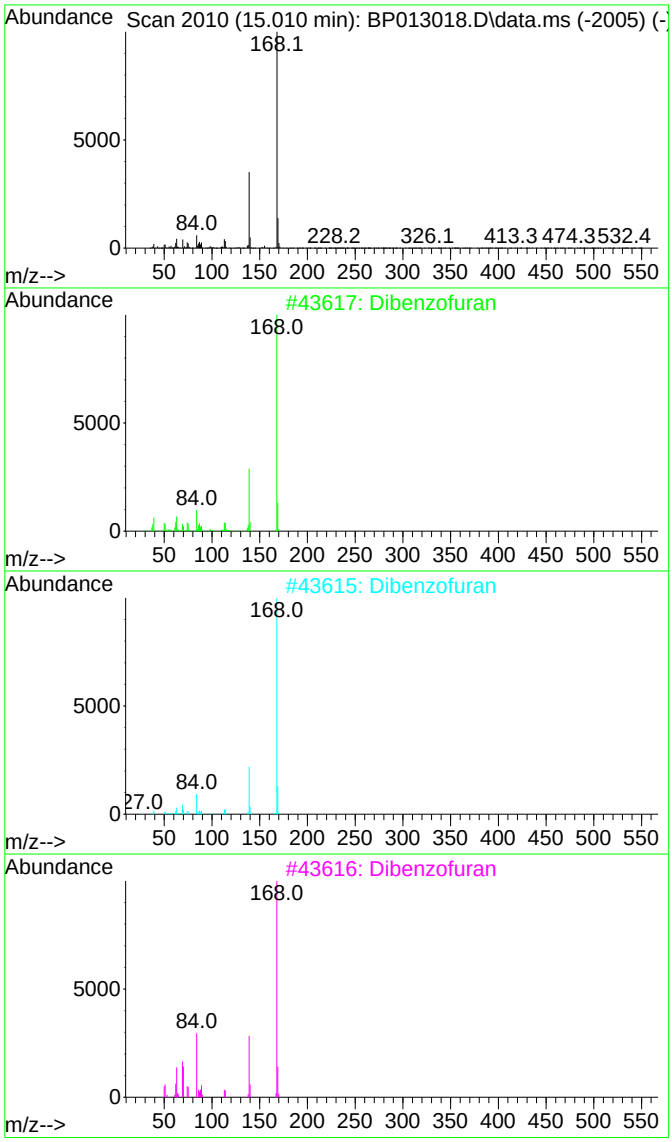
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

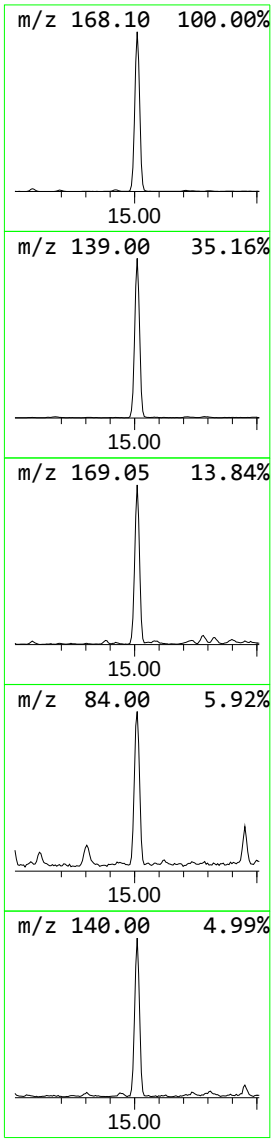
**********

Peak Number 4 Dibenzofuran Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.010 | 8.52 ng/ul | 3666900 | Acenaphthene-d10 | 14.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 91 |
| 2 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 87 |
| 3 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 78 |
| 4 | Naphtho[2,1-d]imidazole | 168 | C11H8N2 | 000233-53-4 | 64 |
| 5 | 9H-Pyrido[3,4-b]indole | 168 | C11H8N2 | 000244-63-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

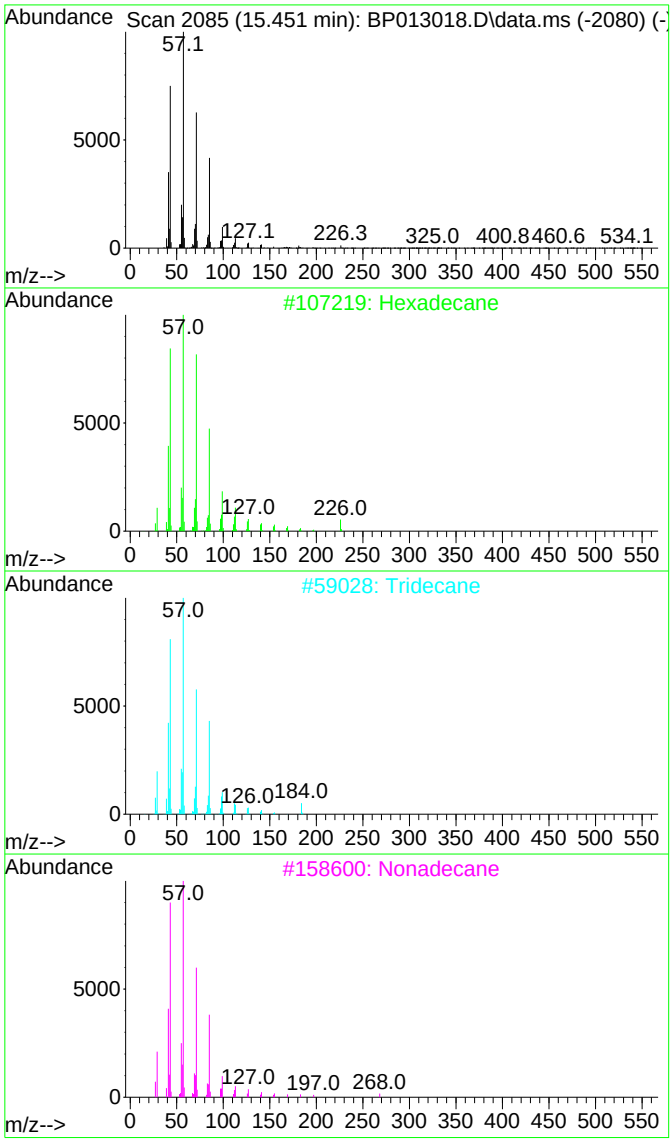
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

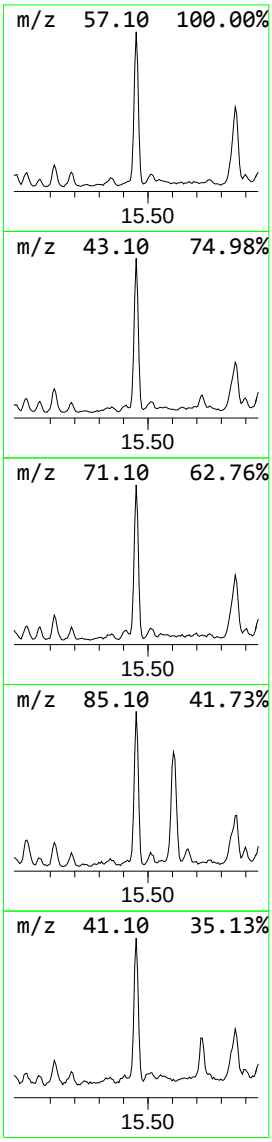
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.451 | 3.32 ng/ul | 1427460 | Acenaphthene-d10 | 14.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 94 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 81 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

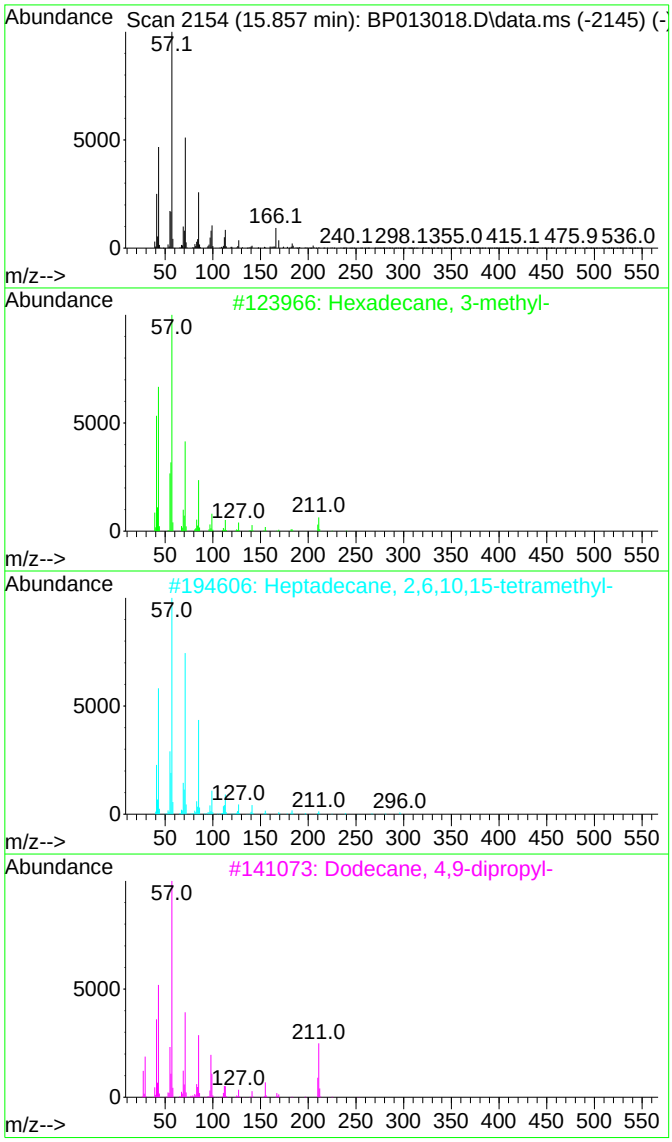
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

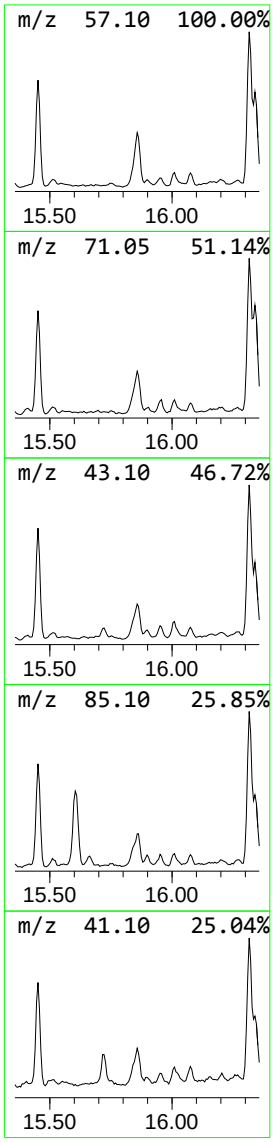
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.857 | 2.60 ng/ul | 1118200 | Acenaphthene-d10 | 14.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 3-methyl- | 240 | C17H36 | 006418-43-5 | 81 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 64 |
| 3 | Dodecane, 4,9-dipropyl- | 254 | C18H38 | 003054-63-5 | 62 |
| 4 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 60 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

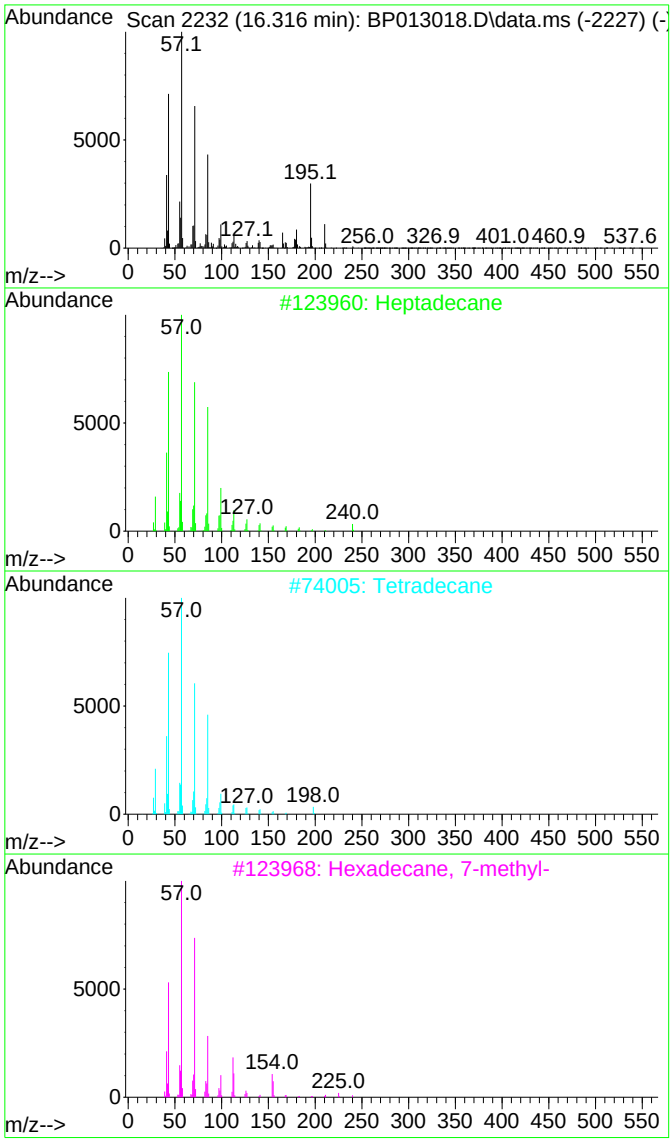
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

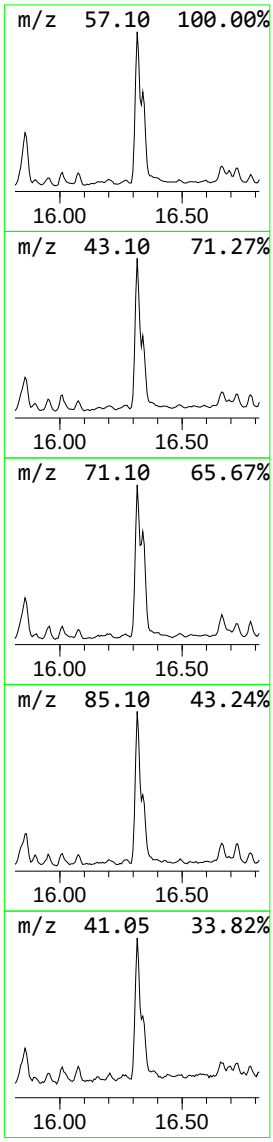
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.316 | 5.78 ng/ul | 2933070 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 93 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 83 |
| 3 | Hexadecane, 7-methyl- | 240 | C17H36 | 026730-20-1 | 55 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 53 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

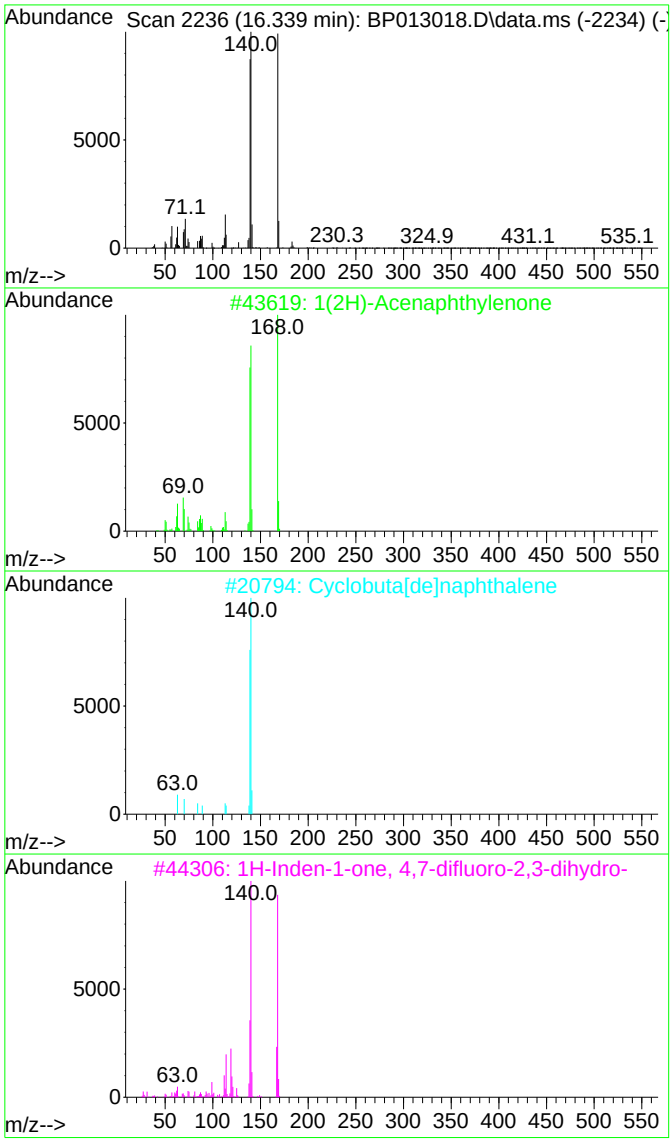
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

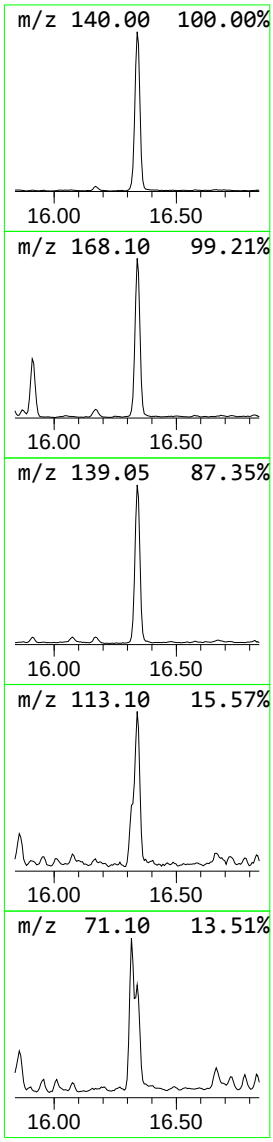
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 1(2H)-Acenaphthylenone Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.339 | 5.74 ng/ul | 2913940 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 94 |
| 2 | Cyclobuta[de]naphthalene | 140 | C11H8 | 024973-91-9 | 58 |
| 3 | 1H-Inden-1-one, 4,7-difluoro-2,3... | 168 | C9H6F2O | 130408-16-1 | 53 |
| 4 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 52 |
| 5 | Benzaldehyde, 2-fluoro-3-hydroxy- | 140 | C7H5FO2 | 103438-86-4 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

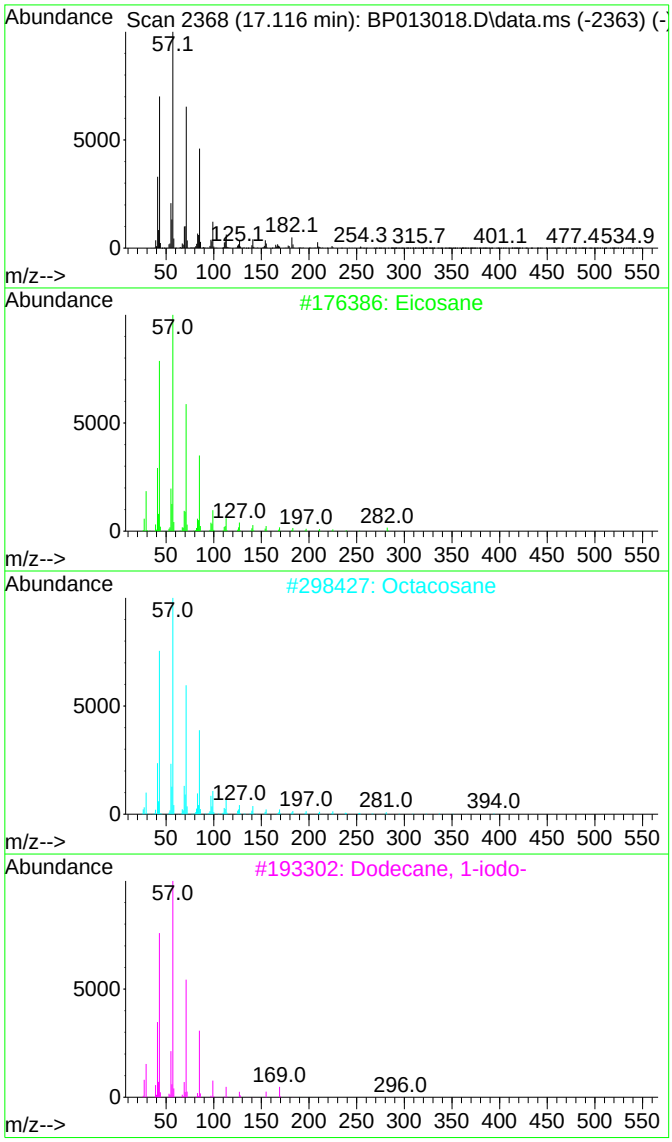
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

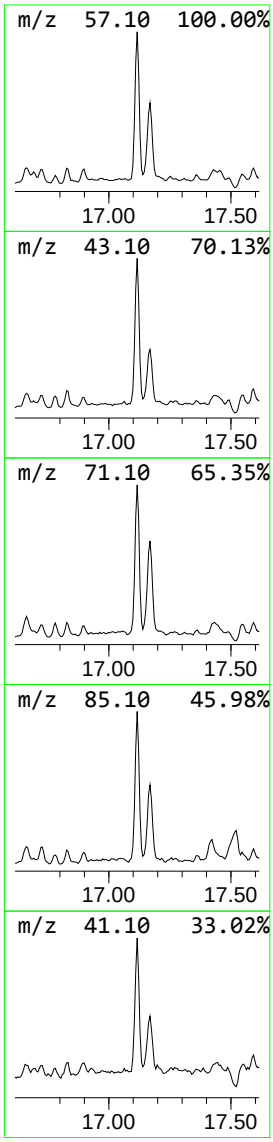
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.116 | 4.79 ng/ul | 2432300 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 3 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 87 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

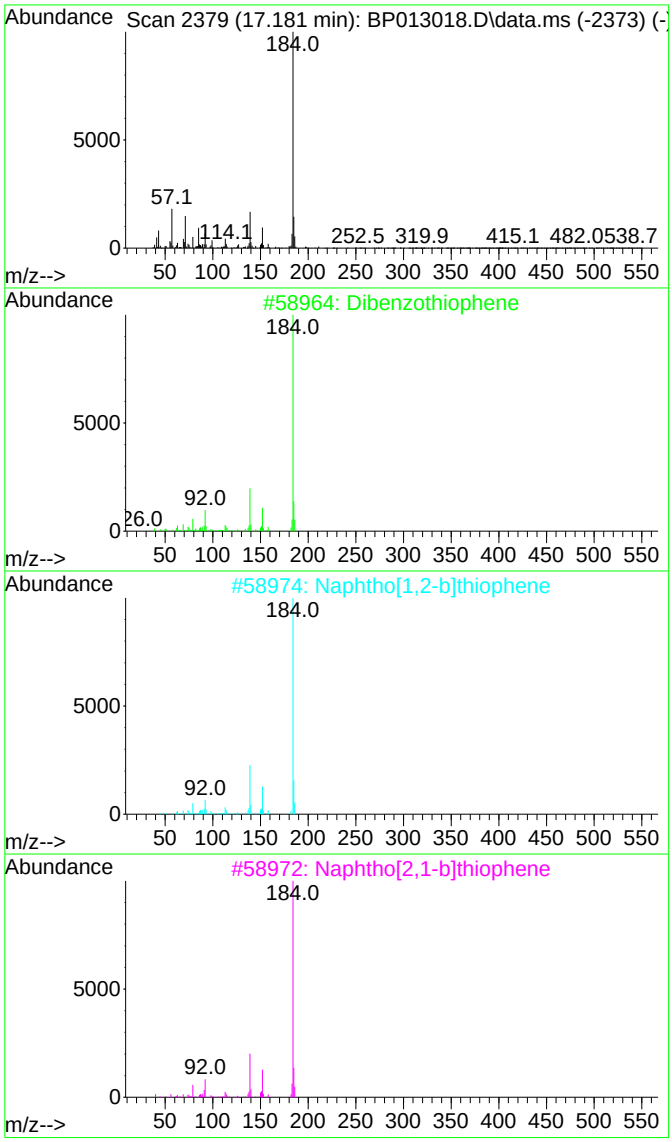
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

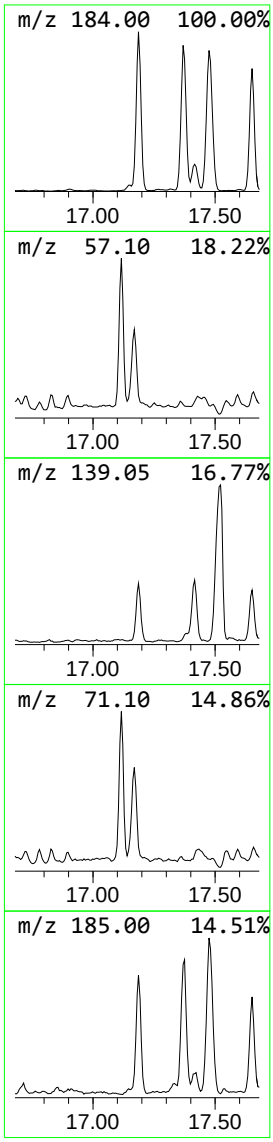
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Dibenzothiophene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.181 | 5.91 ng/ul | 2999650 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 96 |
| 2 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 94 |
| 3 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 94 |
| 4 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 5 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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

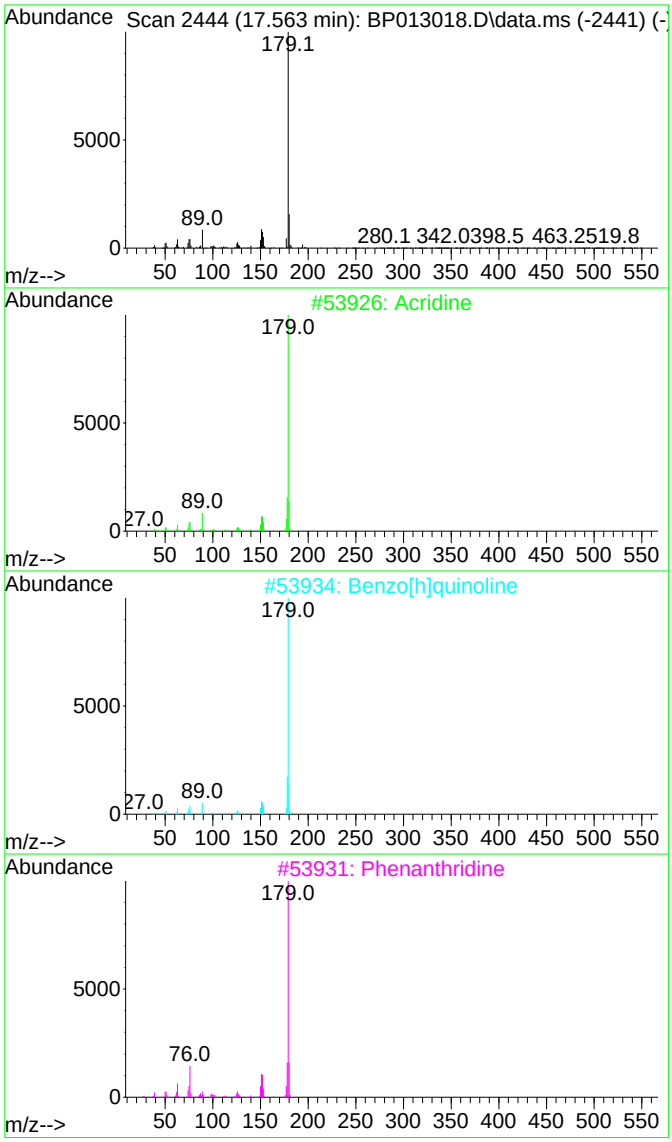
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

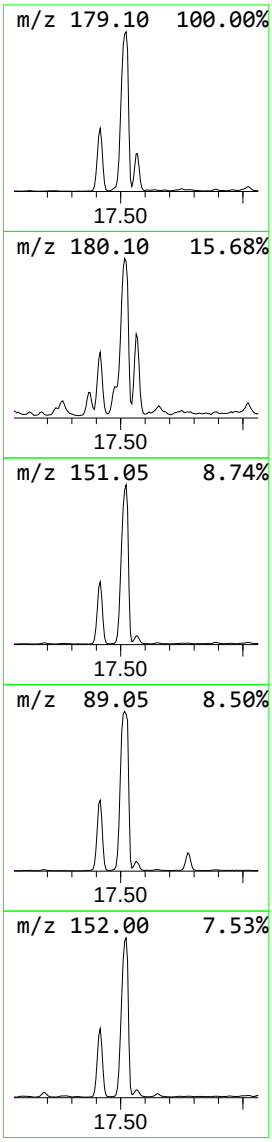
**********

Peak Number 11 Acridine Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.563 | 5.20 ng/ul | 2638470 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acridine | 179 | C13H9N | 000260-94-6 | 95 |
| 2 | Benzo[h]quinoline | 179 | C13H9N | 000230-27-3 | 94 |
| 3 | Phenanthridine | 179 | C13H9N | 000229-87-8 | 93 |
| 4 | Acridine | 179 | C13H9N | 000260-94-6 | 91 |
| 5 | Phenanthridine | 179 | C13H9N | 000229-87-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

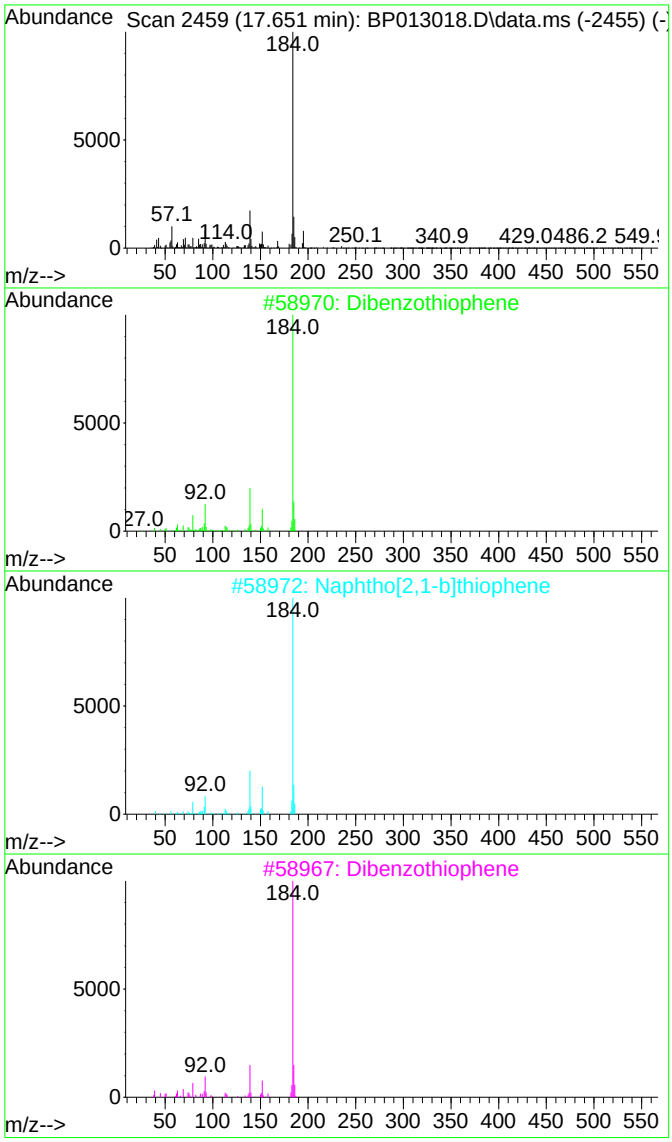
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

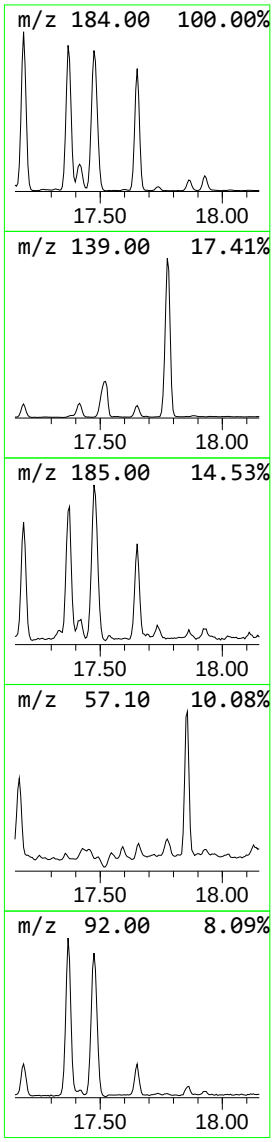
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Naphtho[2,1-b]thiophene Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.651 | 3.23 ng/ul | 1639120 | Phenanthrene-d10 | 17.369 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

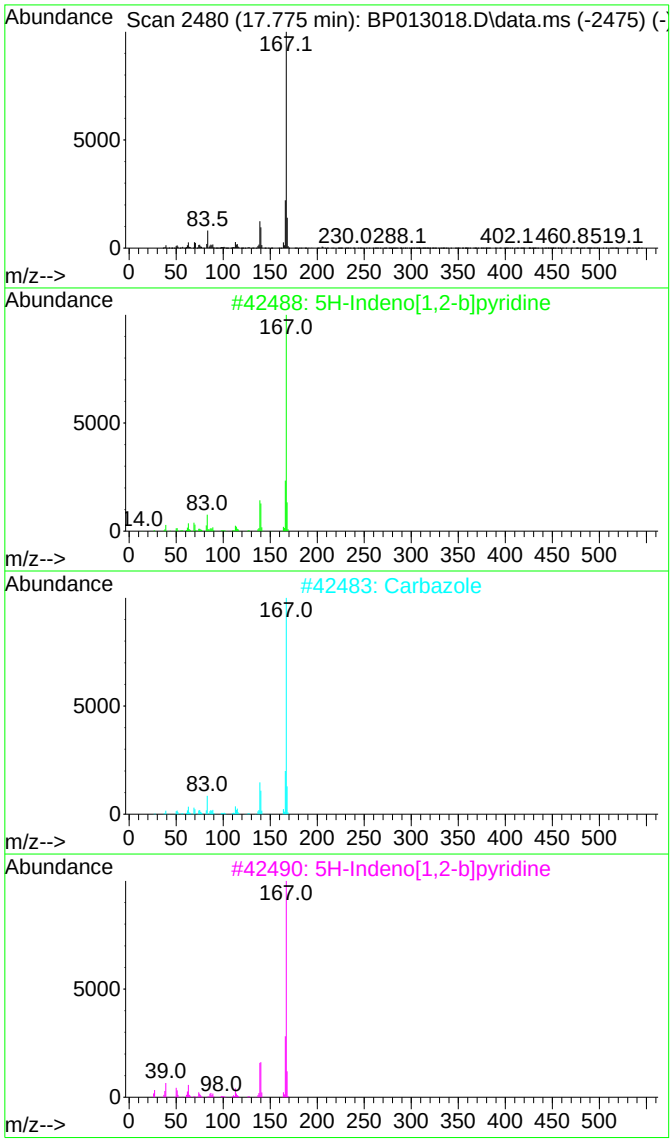
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

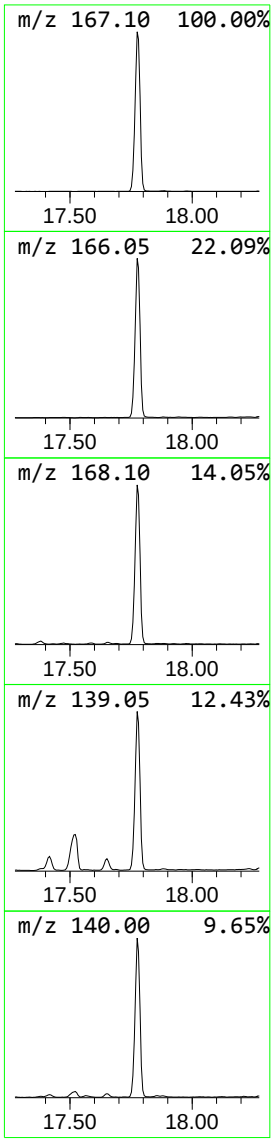
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 5H-Indeno[1,2-b]pyridine Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.775 | 40.93 ng/ul | 20786100 | 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\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

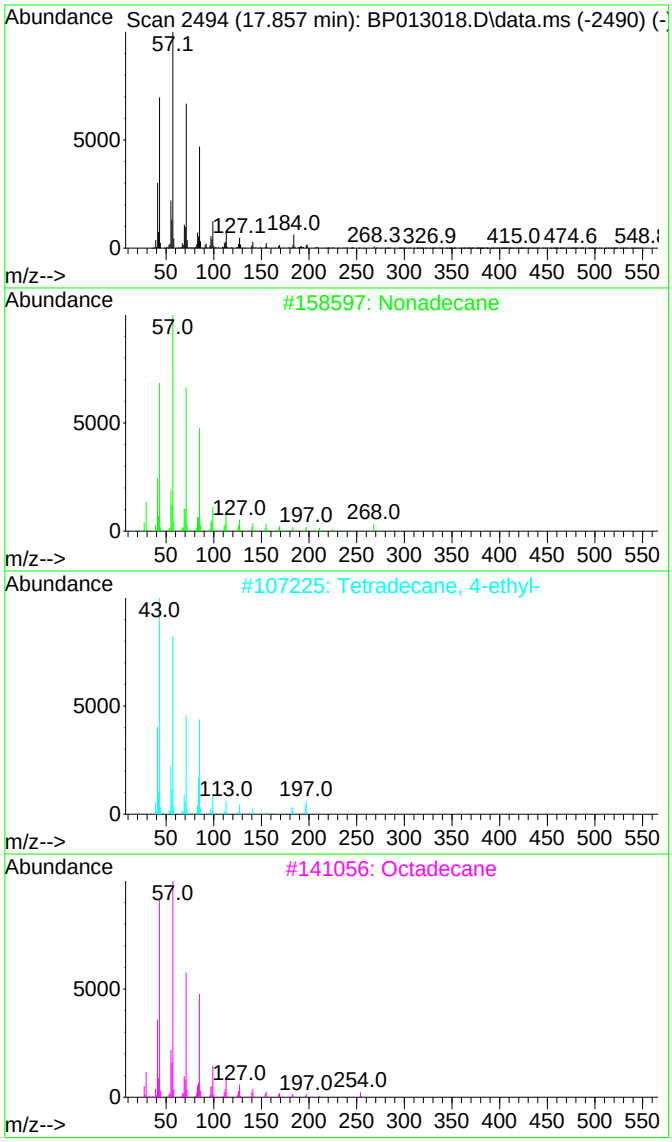
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

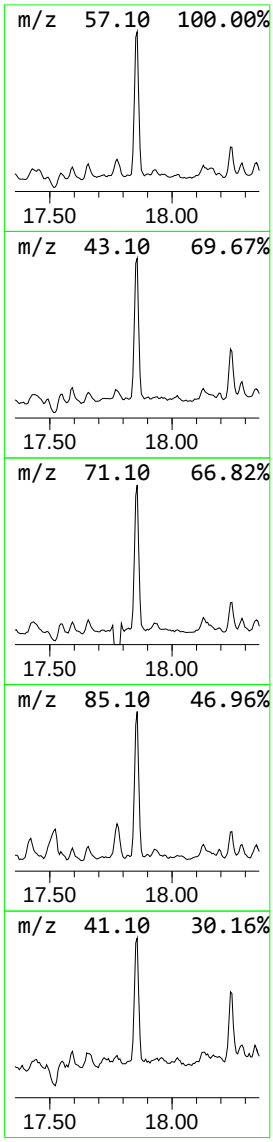
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.857 | 4.20 ng/ul | 2133190 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 96 |
| 2 | Tetradecane, 4-ethyl- | 226 | C16H34 | 055045-14-2 | 91 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 4 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 90 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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

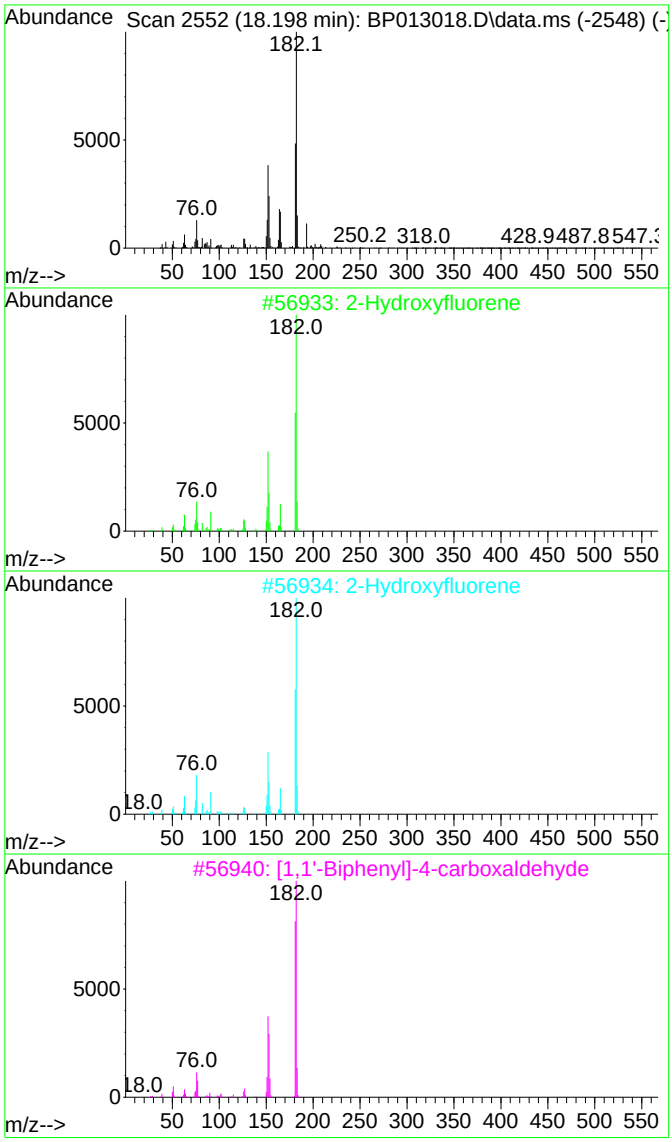
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

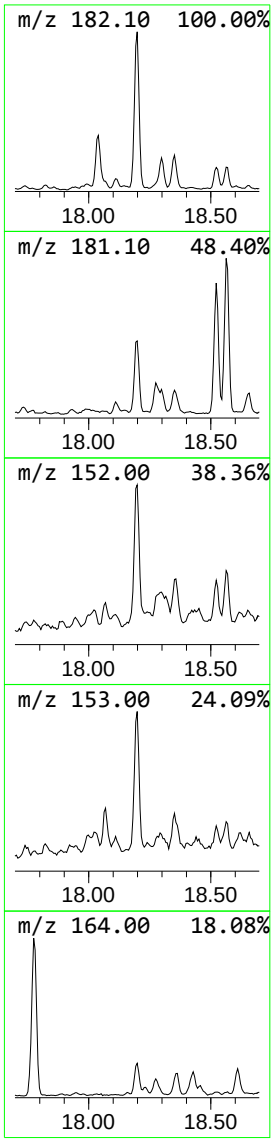
**********

Peak Number 15 2-Hydroxyfluorene Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.198 | 2.19 ng/ul | 1114560 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 94 |
| 2 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 91 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 70 |
| 4 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 58 |
| 5 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

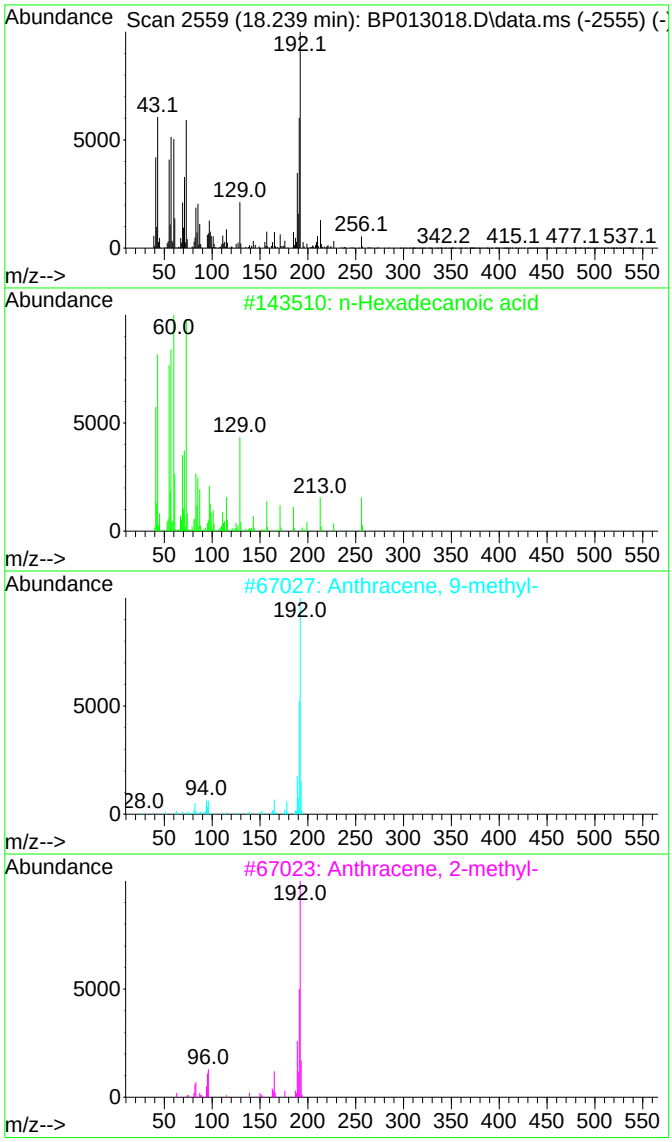
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

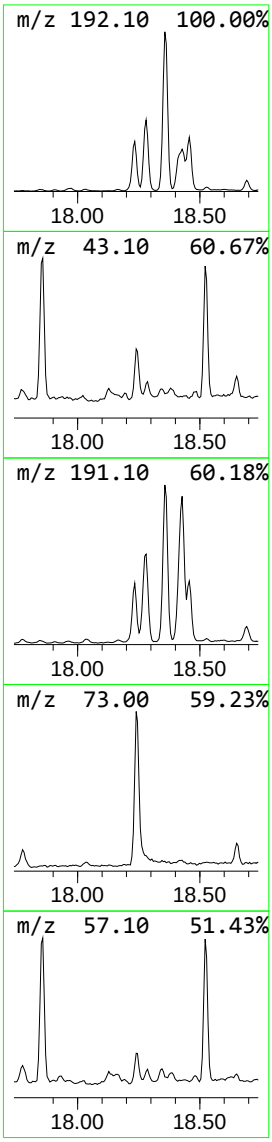
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 n-Hexadecanoic acid Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.239 | 3.53 ng/ul | 1792130 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 2 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 50 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 49 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 43 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

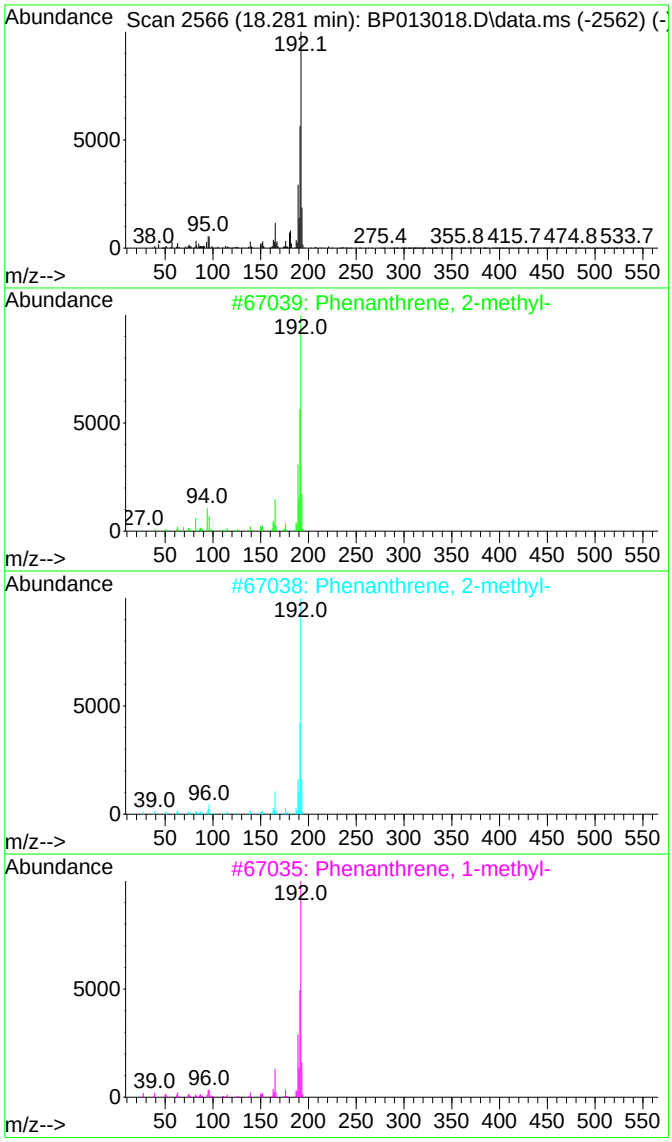
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

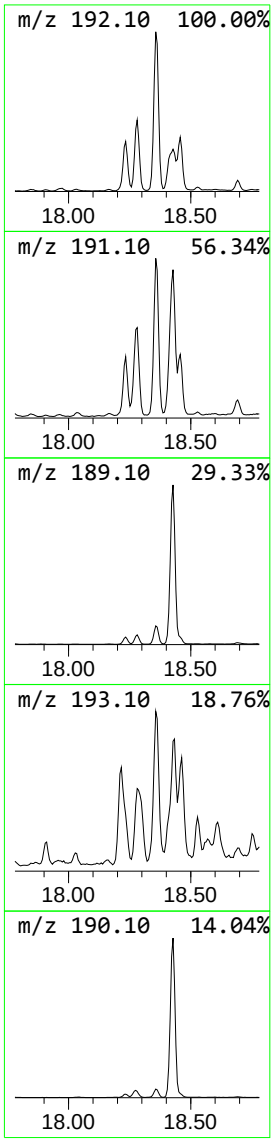
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.281 | 4.62 ng/ul | 2346370 | 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, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

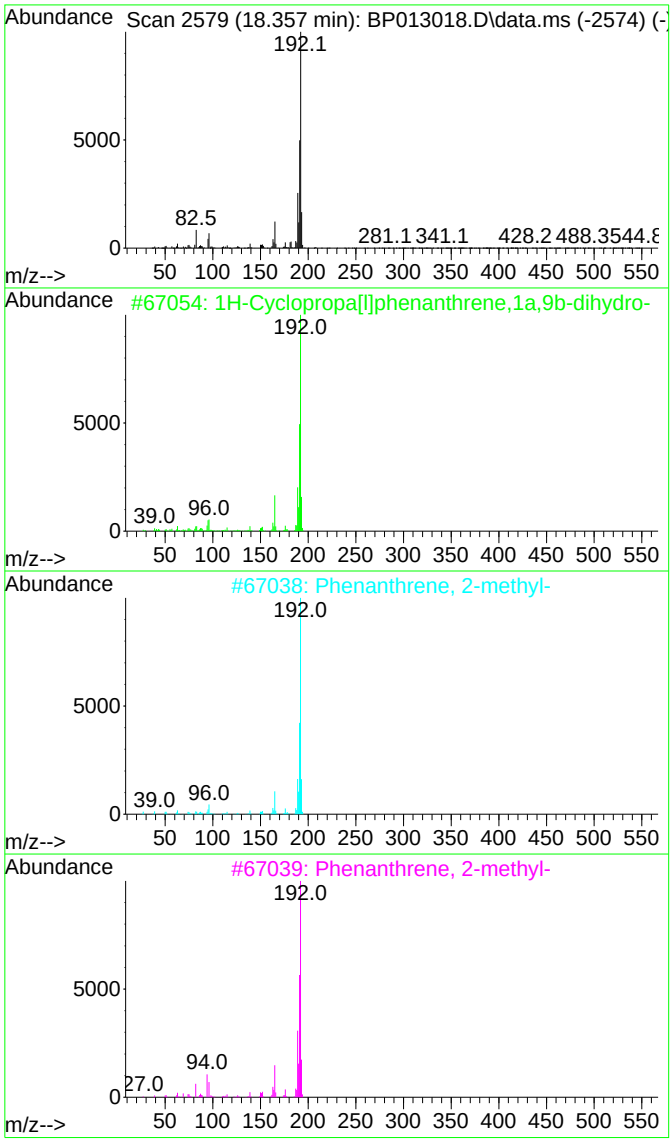
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

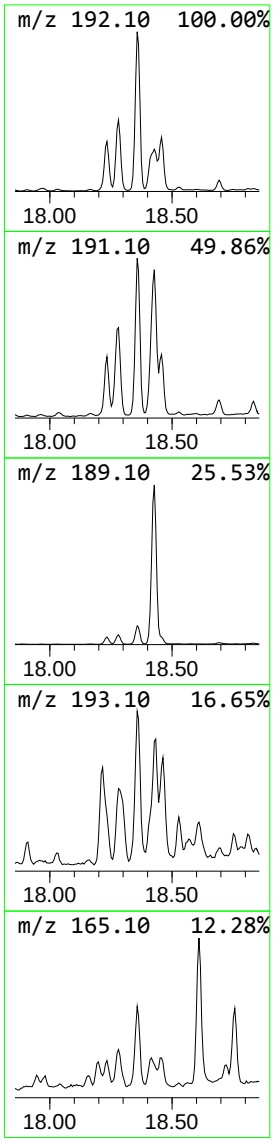
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.357 | 7.31 ng/ul | 3710290 | Phenanthrene-d10 | 17.369 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

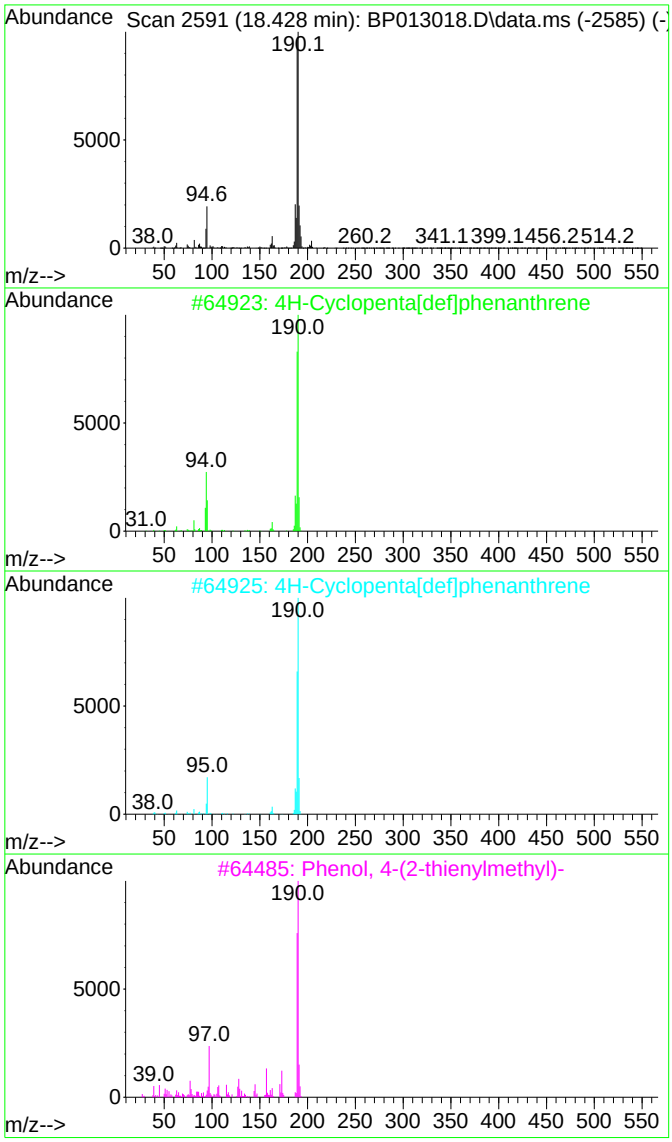
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

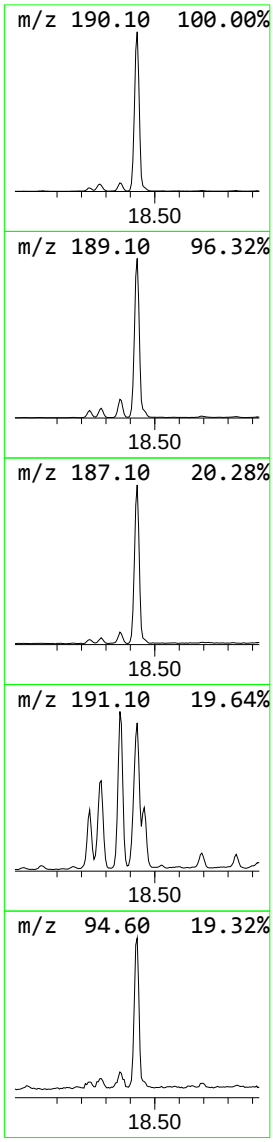
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.428 | 20.06 ng/ul | 10188800 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 95 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 81 |
| 3 | Phenol, 4-(2-thienylmethyl)- | 190 | C11H10OS | 091680-55-6 | 64 |
| 4 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 64 |
| 5 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

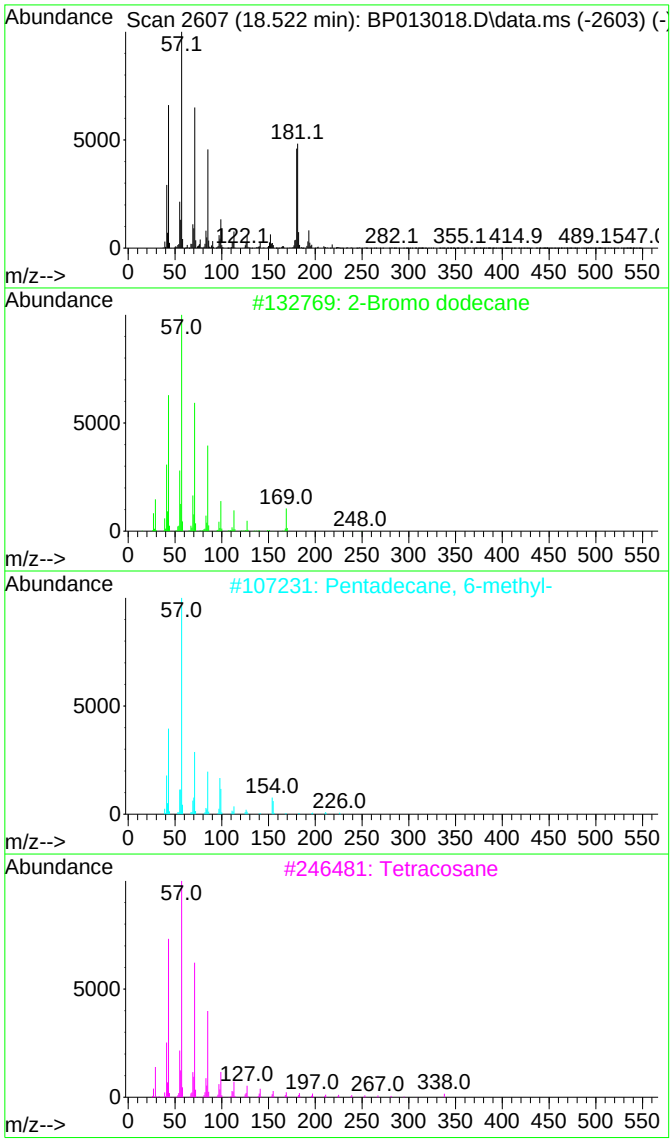
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

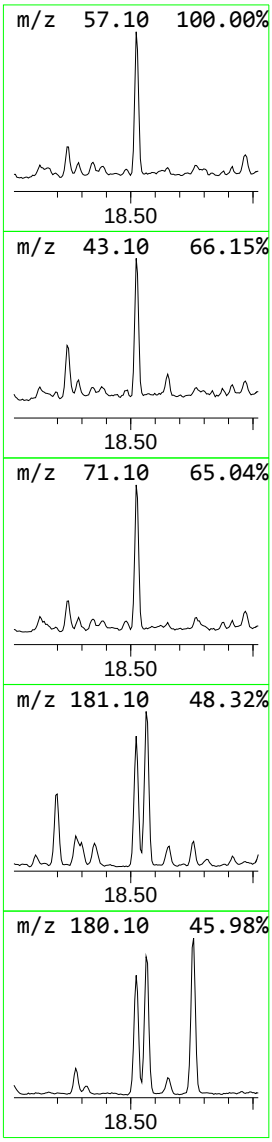
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 2-Bromo dodecane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.522 | 5.04 ng/ul | 2557810 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 70 |
| 2 | Pentadecane, 6-methyl- | 226 | C16H34 | 010105-38-1 | 50 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 49 |
| 4 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 46 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

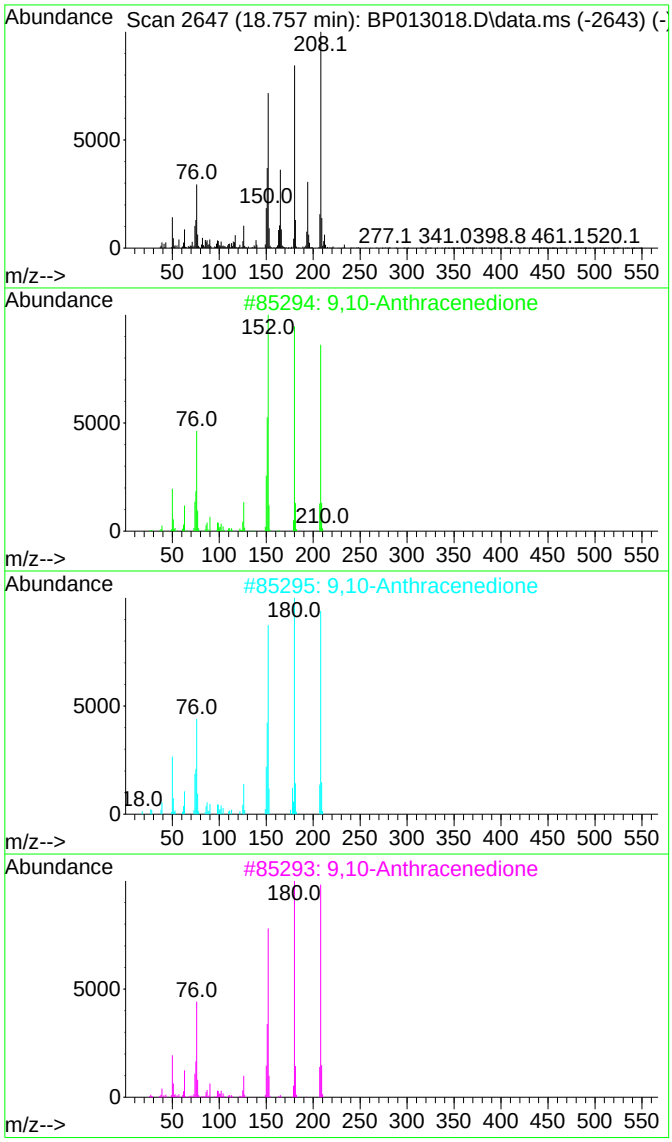
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

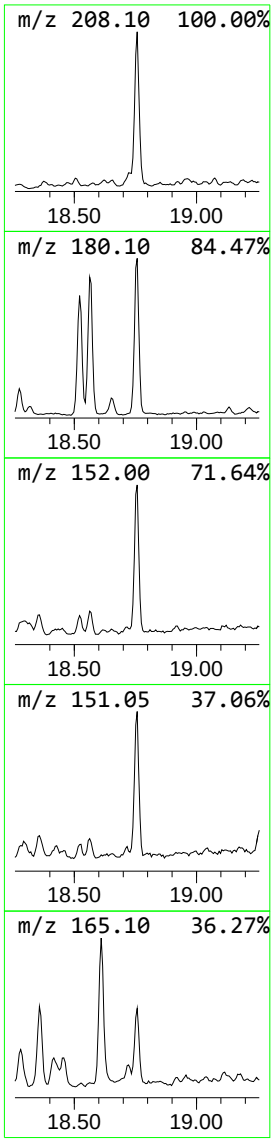
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.757 | 4.50 ng/ul | 2286740 | 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 | 97 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 97 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 91 |
| 5 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

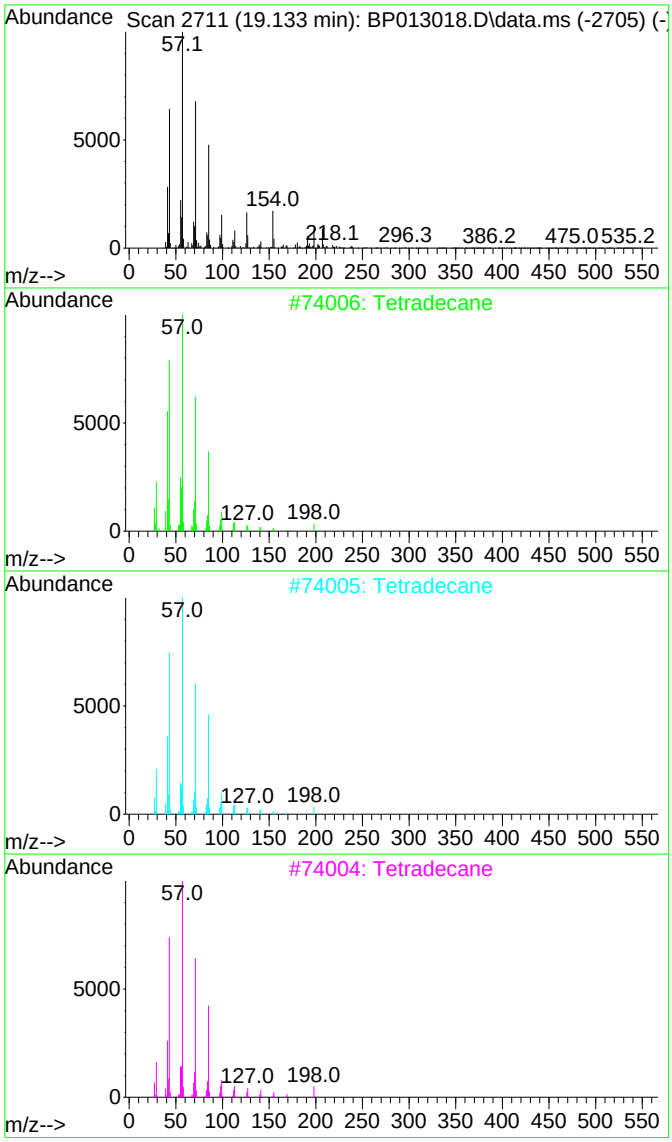
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

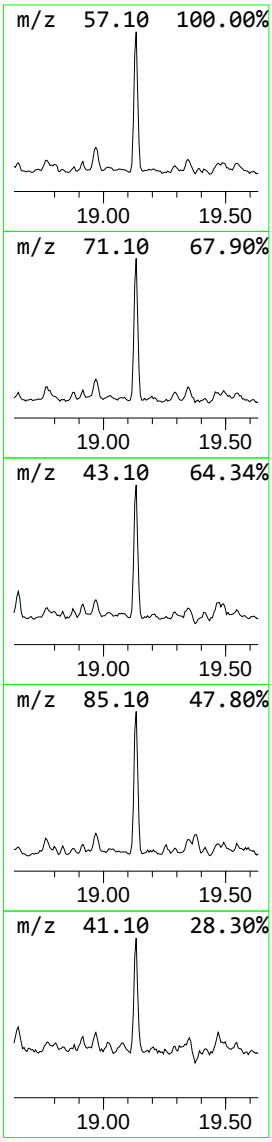
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.133 | 4.71 ng/ul | 2393010 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 74 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 68 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 62 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 62 |
| 5 | Pentadecane, 3-methyl- | 226 | C16H34 | 002882-96-4 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

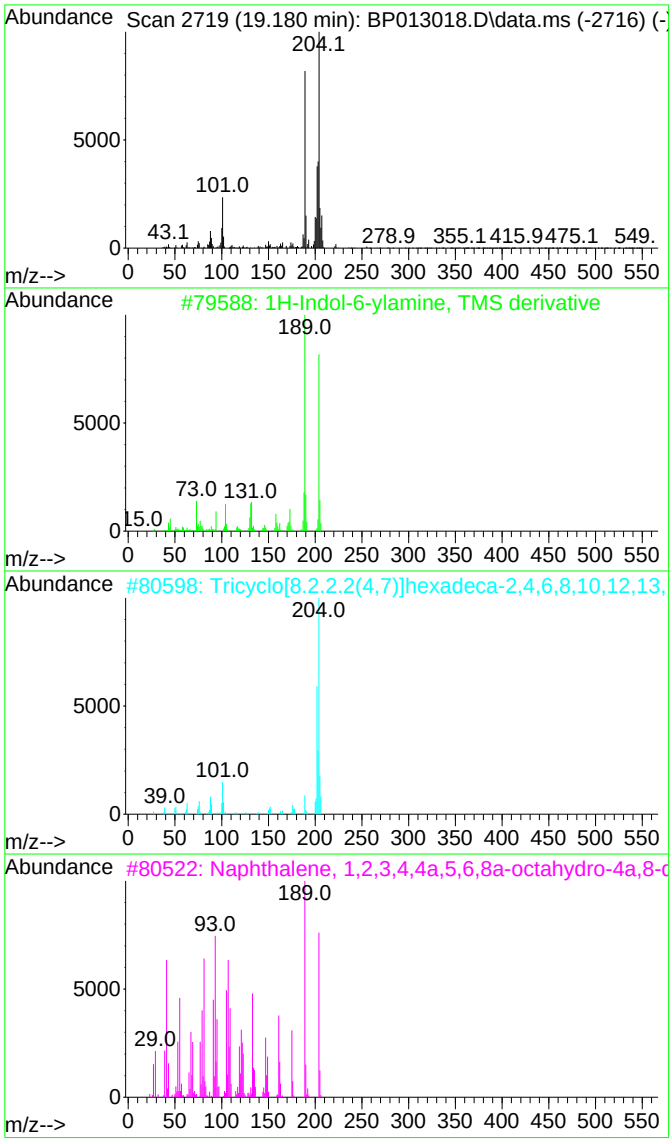
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

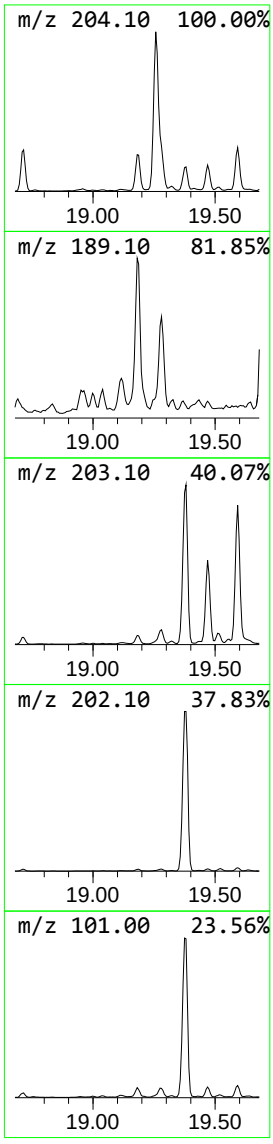
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 1H-Indol-6-ylamine, TMS der... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.180 | 3.31 ng/ul | 1679460 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indol-6-ylamine, TMS derivative | 204 | C11H16N2Si | 1000484-86-1 | 50 |
| 2 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 49 |
| 3 | Naphthalene, 1,2,3,4,4a,5,6,8a-o... | 204 | C15H24 | 000473-13-2 | 49 |
| 4 | 3H-3a,7-Methanoazulene, 2,4,5,6,... | 204 | C15H24 | 002387-78-2 | 47 |
| 5 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

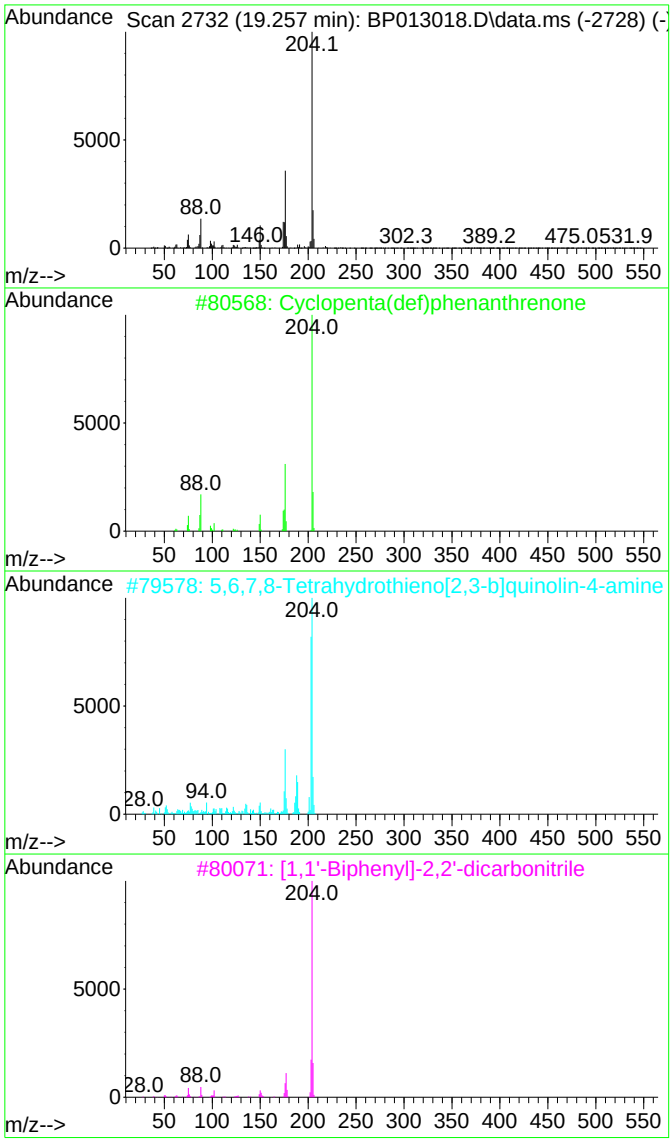
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

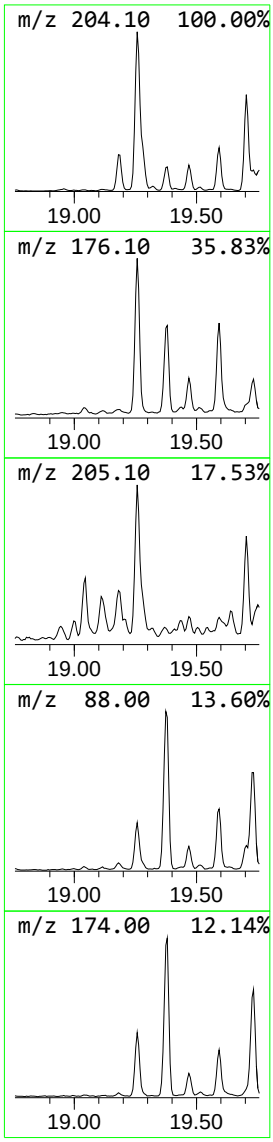
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.257 | 10.25 ng/ul | 5205050 | Phenanthrene-d10 | 17.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 97 |
| 2 | 5,6,7,8-Tetrahydrothieno[2,3-b]q... | 204 | C11H12N2S | 122914-50-5 | 80 |
| 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 | Indeno[2,1-a]indene, 5,10-dihydro- | 204 | C16H12 | 006543-29-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

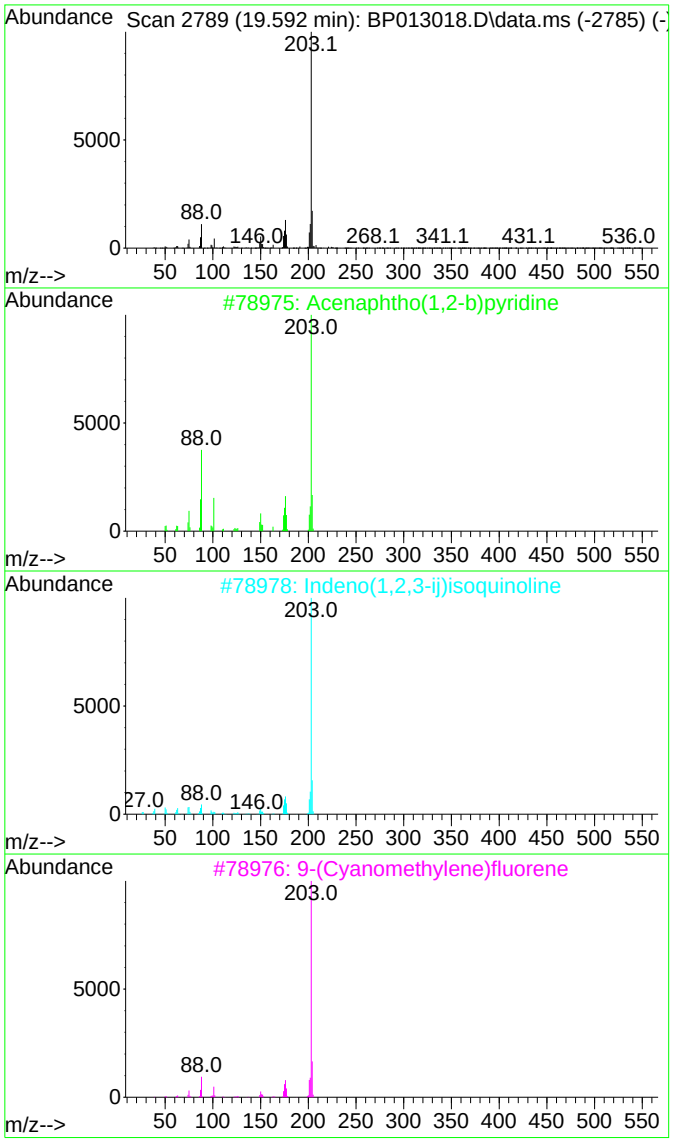
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

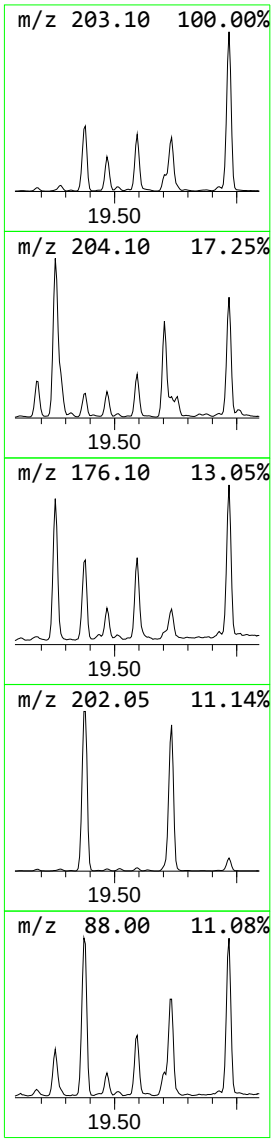
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Acenaphtho(1,2-b)pyridine Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.592 | 3.99 ng/ul | 6662520 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acenaphtho(1,2-b)pyridine | 203 | C15H9N | 000206-49-5 | 97 |
| 2 | Indeno(1,2,3-ij)isoquinoline | 203 | C15H9N | 000206-56-4 | 95 |
| 3 | 9-(Cyanomethylene)fluorene | 203 | C15H9N | 004425-74-5 | 95 |
| 4 | Acenaphtho(1,2-b)pyridine | 203 | C15H9N | 000206-49-5 | 95 |
| 5 | 9-Anthracenecarbonitrile | 203 | C15H9N | 001210-12-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

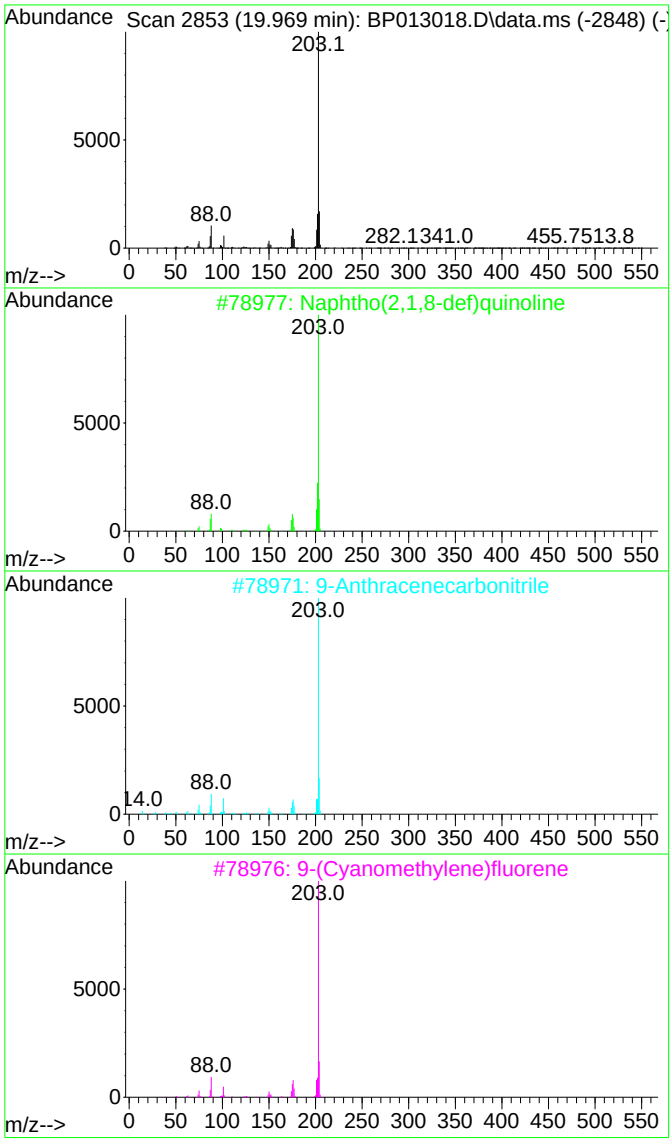
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

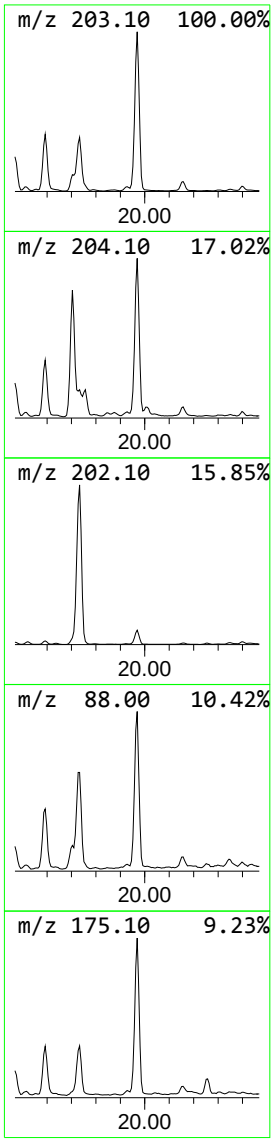
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Naphtho(2,1,8-def)quinoline Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.969 | 7.44 ng/ul | 12411500 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho(2,1,8-def)quinoline | 203 | C15H9N | 000313-80-4 | 97 |
| 2 | 9-Anthracenecarbonitrile | 203 | C15H9N | 001210-12-4 | 97 |
| 3 | 9-(Cyanomethylene)fluorene | 203 | C15H9N | 004425-74-5 | 96 |
| 4 | 9-Anthracenecarbonitrile | 203 | C15H9N | 001210-12-4 | 95 |
| 5 | 4-Azapyrene | 203 | C15H9N | 000194-03-6 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

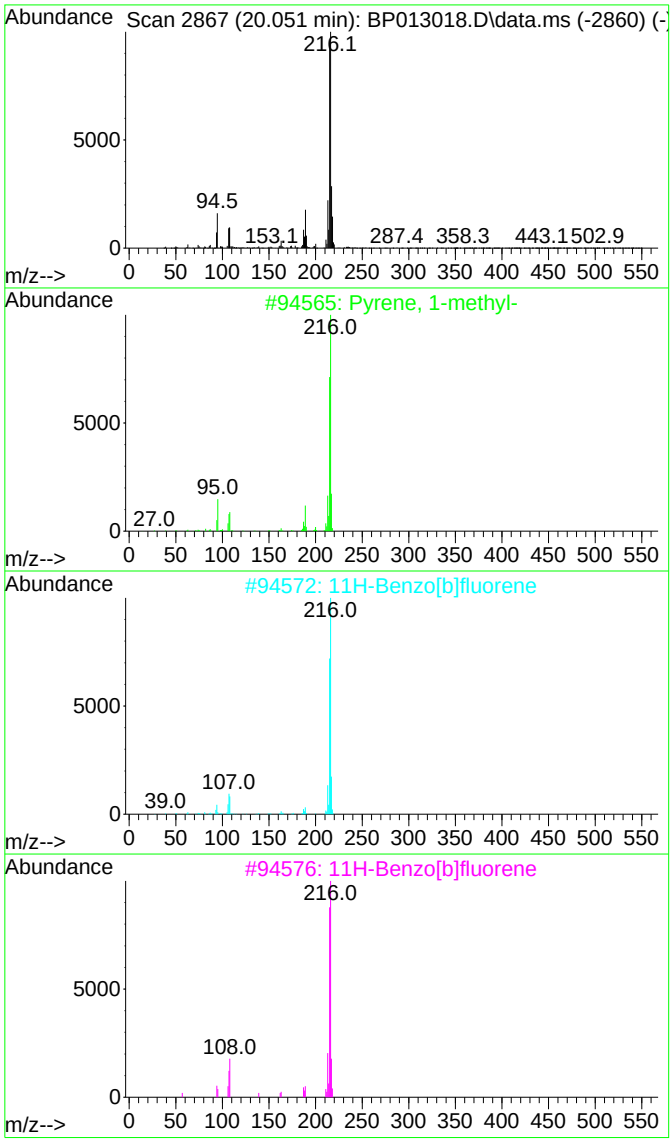
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

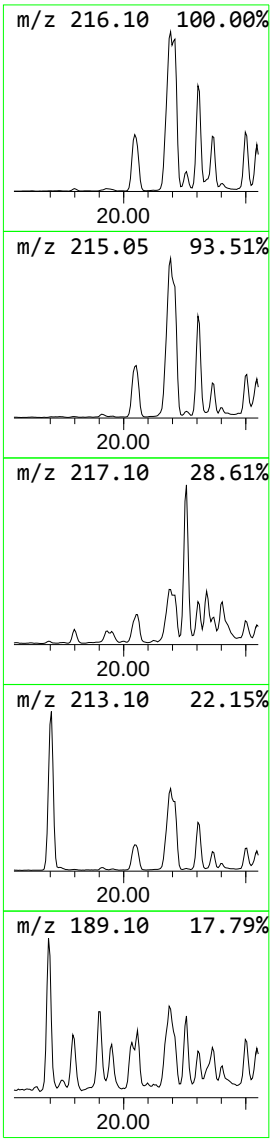
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 Pyrene, 1-methyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.051 | 2.56 ng/ul | 4276330 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 72 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 68 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

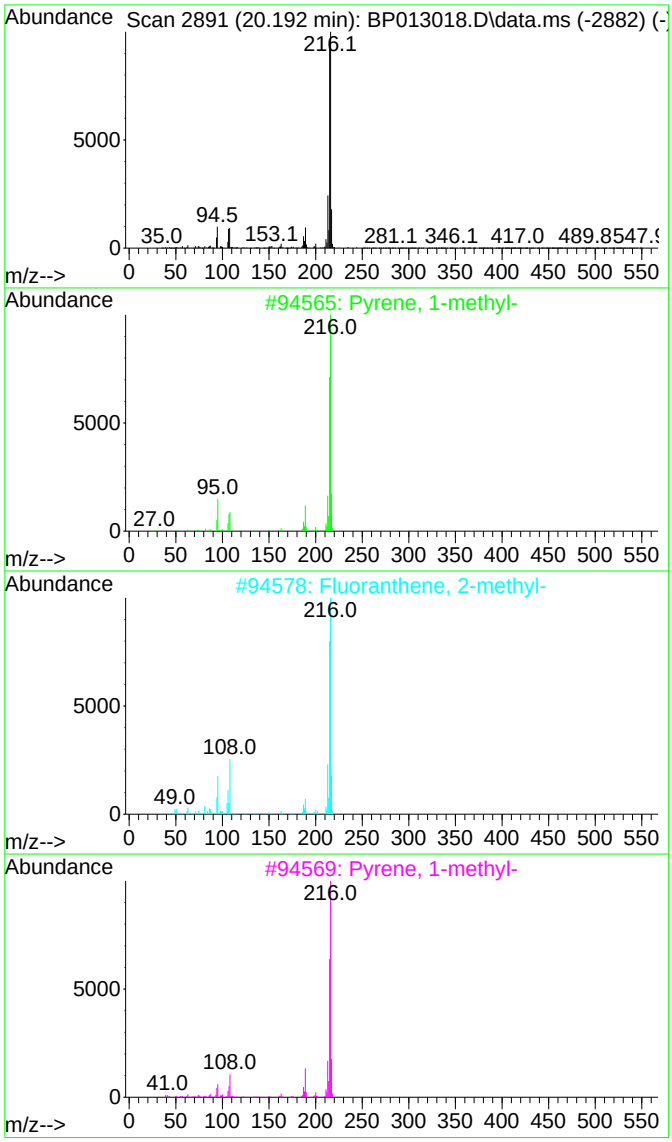
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

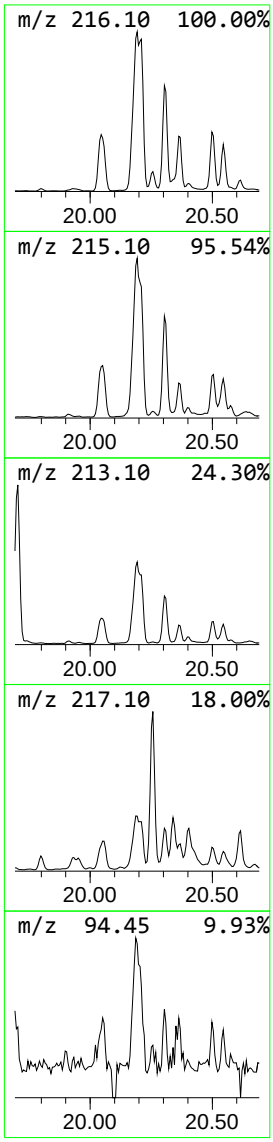
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Fluoranthene, 2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.192 | 5.59 ng/ul | 9322230 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 93 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 92 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 91 |
| 5 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

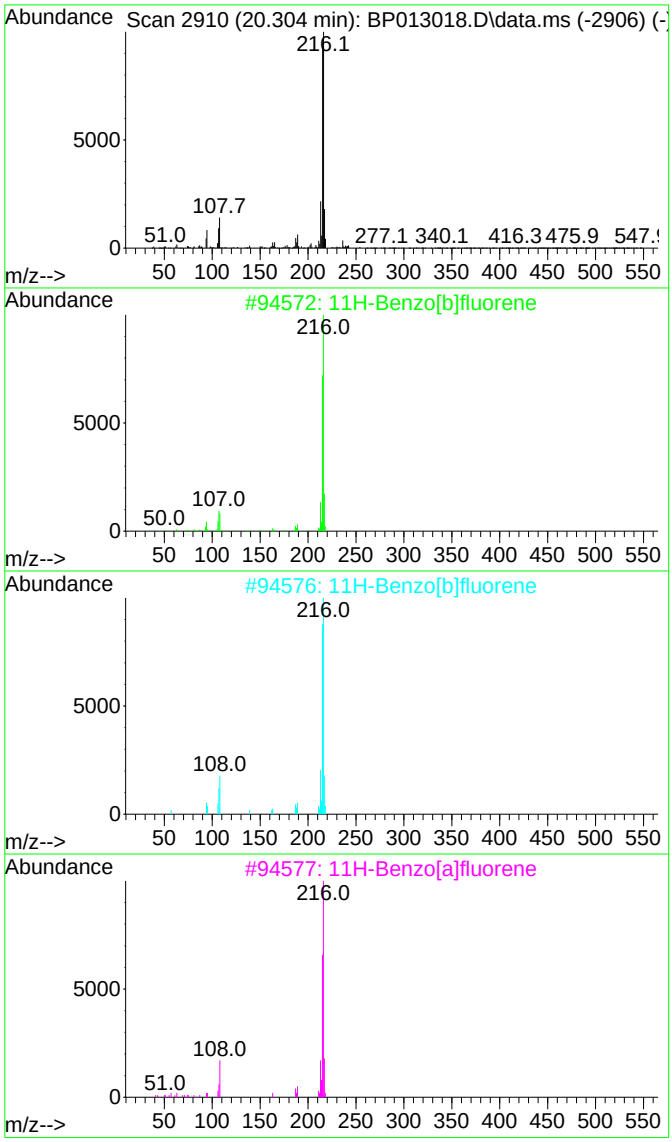
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

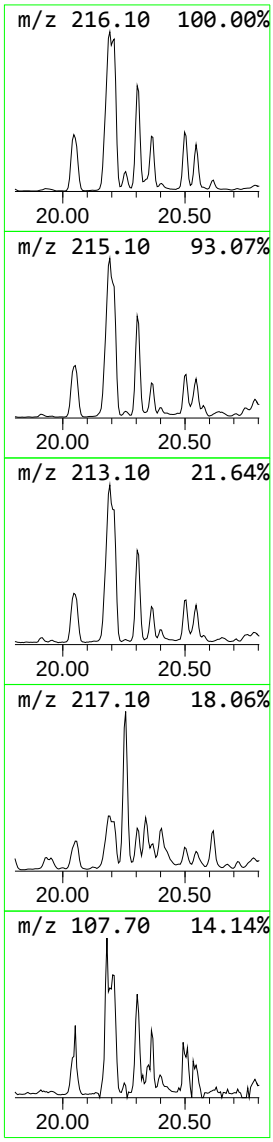
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 11H-Benzo[b]fluorene Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.304 | 2.62 ng/ul | 4373510 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 96 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 93 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 92 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

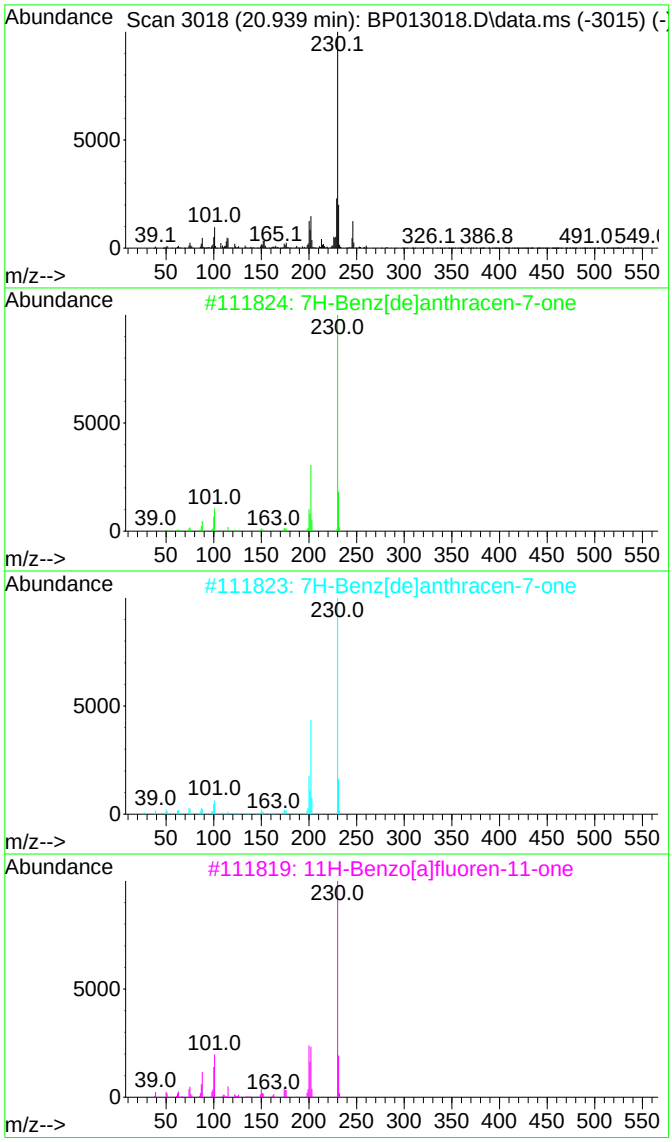
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

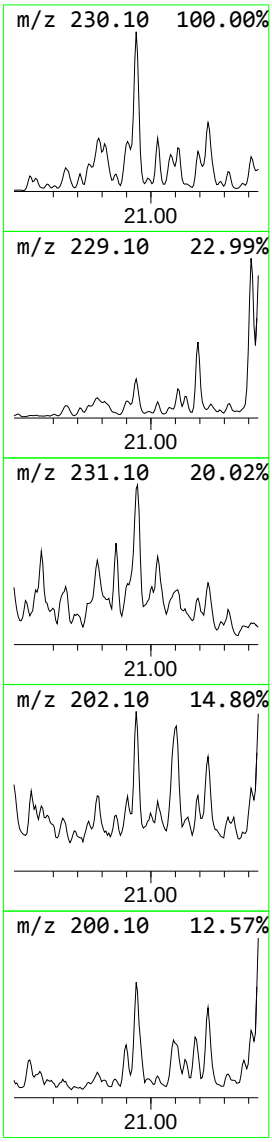
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 7H-Benz[de]anthracen-7-one Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.939 | 2.23 ng/ul | 3726700 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 86 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 78 |
| 3 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 76 |
| 4 | 1-Pyrenecarboxaldehyde | 230 | C17H10O | 003029-19-4 | 68 |
| 5 | o-Terphenyl | 230 | C18H14 | 000084-15-1 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

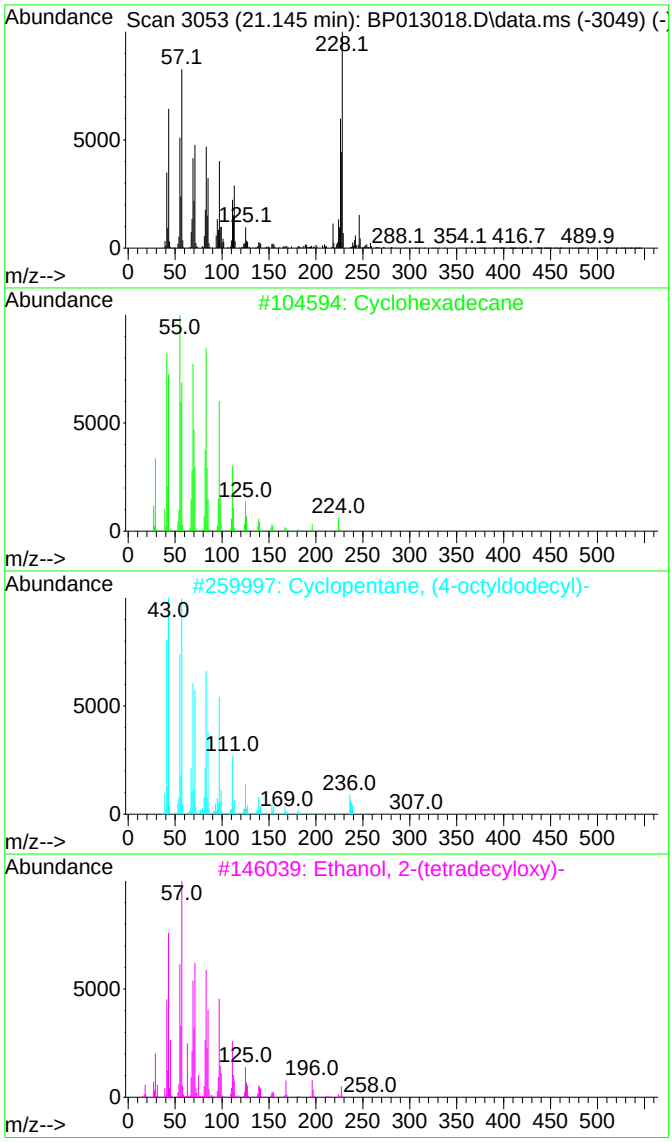
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

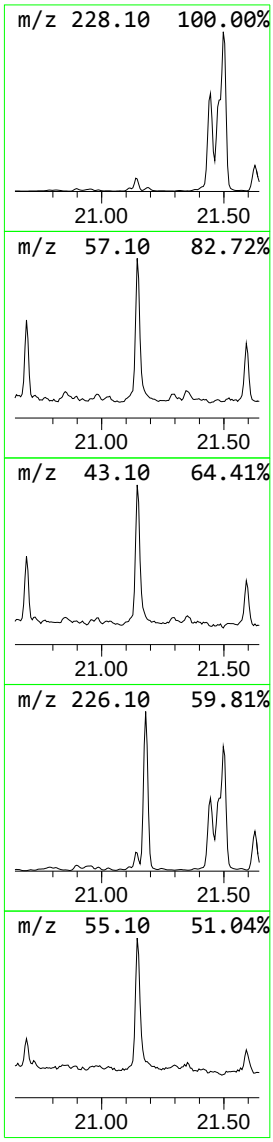
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 (DEL) Alkane: Cyclic21.145 Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.145 | 3.17 ng/ul | 5283270 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 92 |
| 2 | Cyclopentane, (4-octyldodecyl)- | 350 | C25H50 | 005638-09-5 | 51 |
| 3 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 38 |
| 4 | Hexadecyl propyl ether | 284 | C19H40O | 1000406-27-9 | 38 |
| 5 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

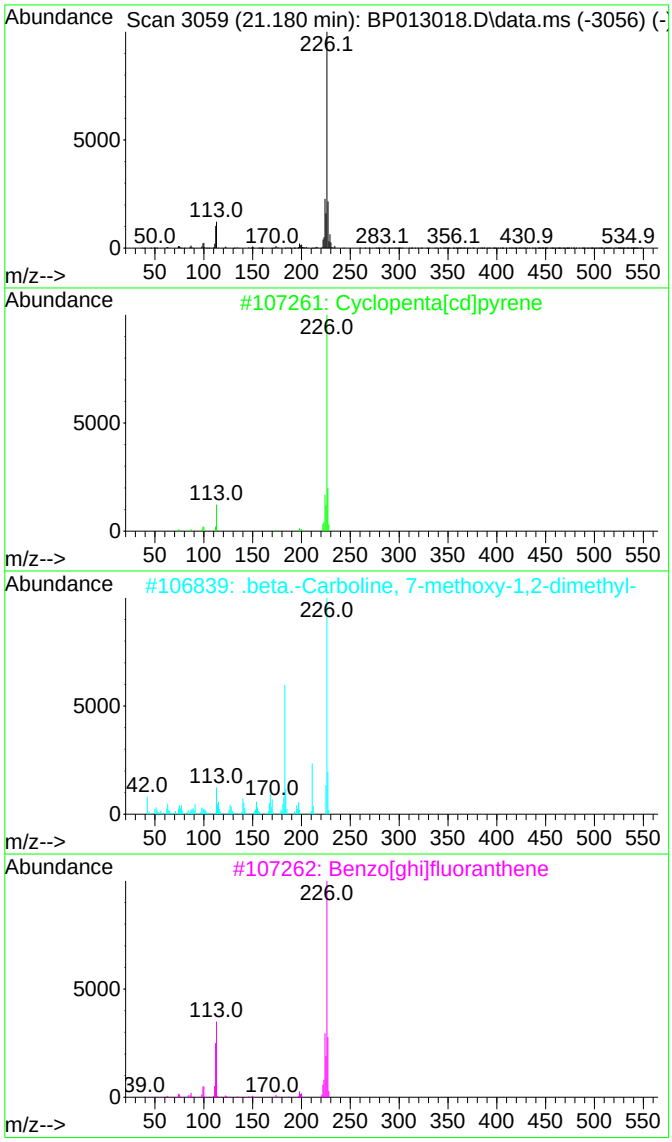
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

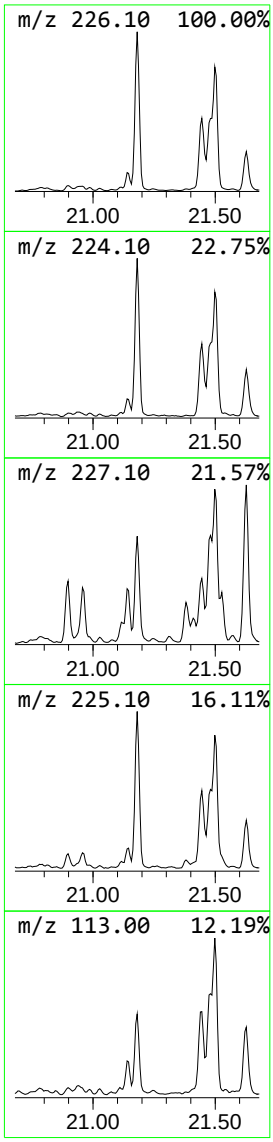
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 Cyclopenta[cd]pyrene Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.180 | 3.40 ng/ul | 5670830 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta[cd]pyrene | 226 | C18H10 | 027208-37-3 | 95 |
| 2 | .beta.-Carboline, 7-methoxy-1,2-... | 226 | C14H14N2O | 006519-18-2 | 58 |
| 3 | Benzo[ghi]fluoranthene | 226 | C18H10 | 000203-12-3 | 53 |
| 4 | 1,3-Diamino-5,6-dihydro-7-methyl... | 226 | C13H14N4 | 037436-37-6 | 53 |
| 5 | 3-Chloro-6-methyl-1-benzothiophe... | 226 | C10H7ClO2S | 1010484-31-0 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

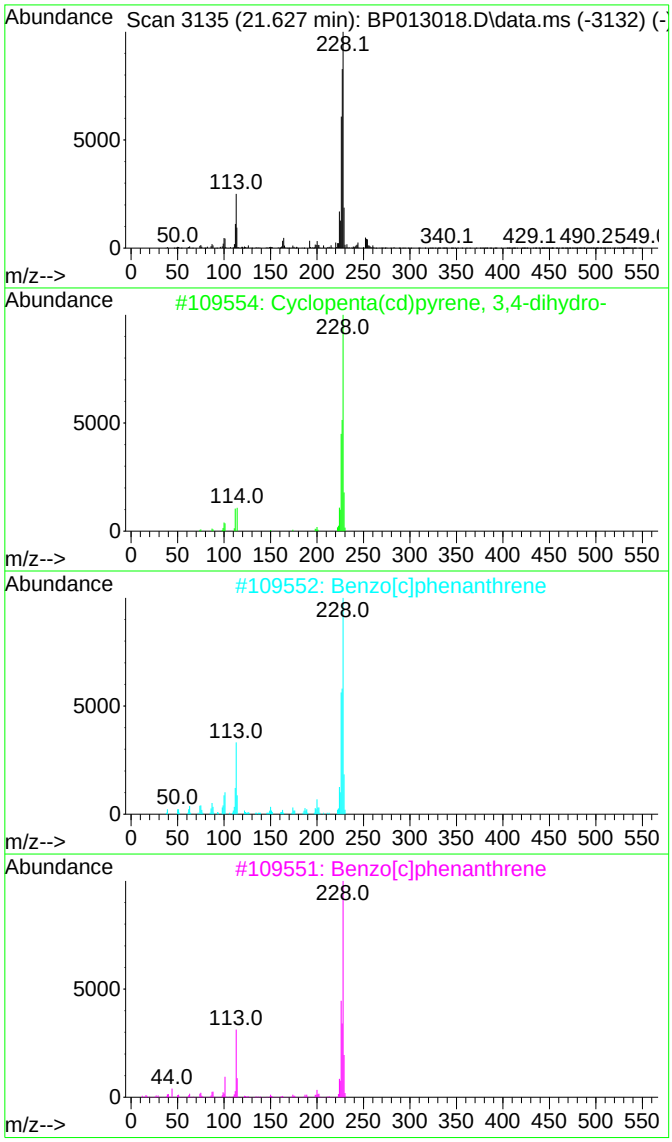
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

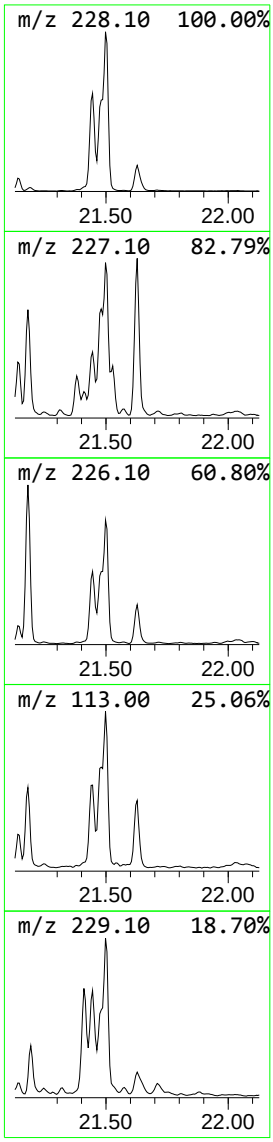
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.627 | 2.56 ng/ul | 4264230 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(cd)pyrene, 3,4-dihydro- | 228 | C18H12 | 025732-74-5 | 95 |
| 2 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 76 |
| 3 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 70 |
| 4 | 5-Phenylthieno[2,3-d]pyrimidin-4-ol | 228 | C12H8N2OS | 035978-39-3 | 52 |
| 5 | Dimethyl-[4-[2-(3-methylisoxazol... | 228 | C14H16N2O | 1000306-39-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

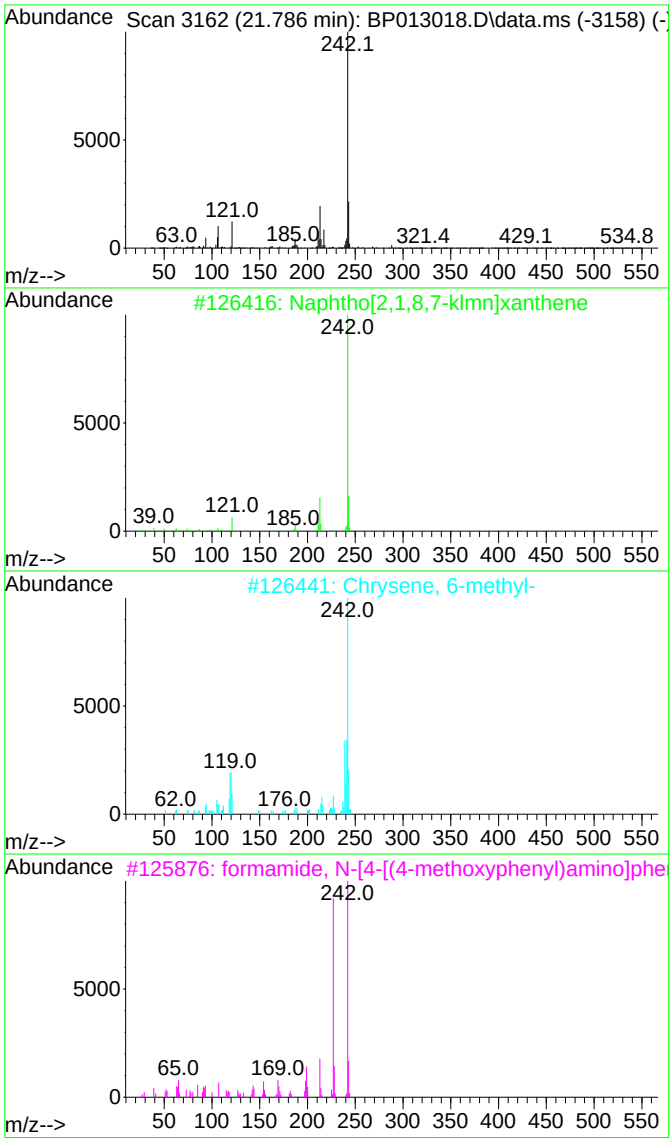
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

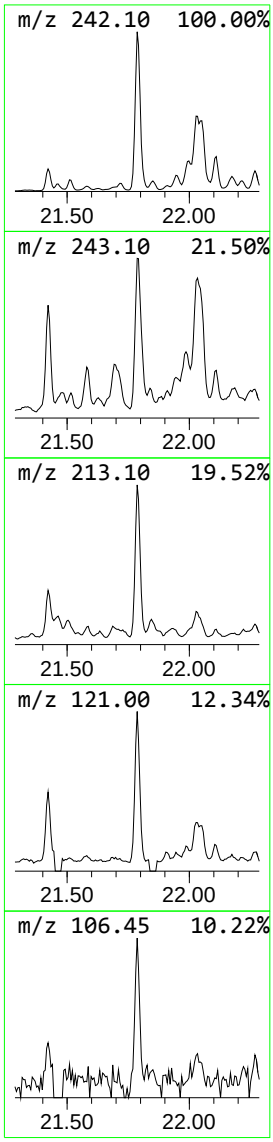
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.786 | 2.52 ng/ul | 4210820 | Chrysene-d12 | 21.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[2,1,8,7-klmn]xanthene | 242 | C18H10O | 000191-37-7 | 94 |
| 2 | Chrysene, 6-methyl- | 242 | C19H14 | 001705-85-7 | 64 |
| 3 | formamide, N-[4-[(4-methoxypheny... | 242 | C14H14N2O2 | 1000396-53-2 | 64 |
| 4 | 4b,10b-Dihydro-4b,10b-methanochr... | 242 | C19H14 | 071949-03-6 | 64 |
| 5 | 2-Methylchrysene | 242 | C19H14 | 003351-32-4 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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

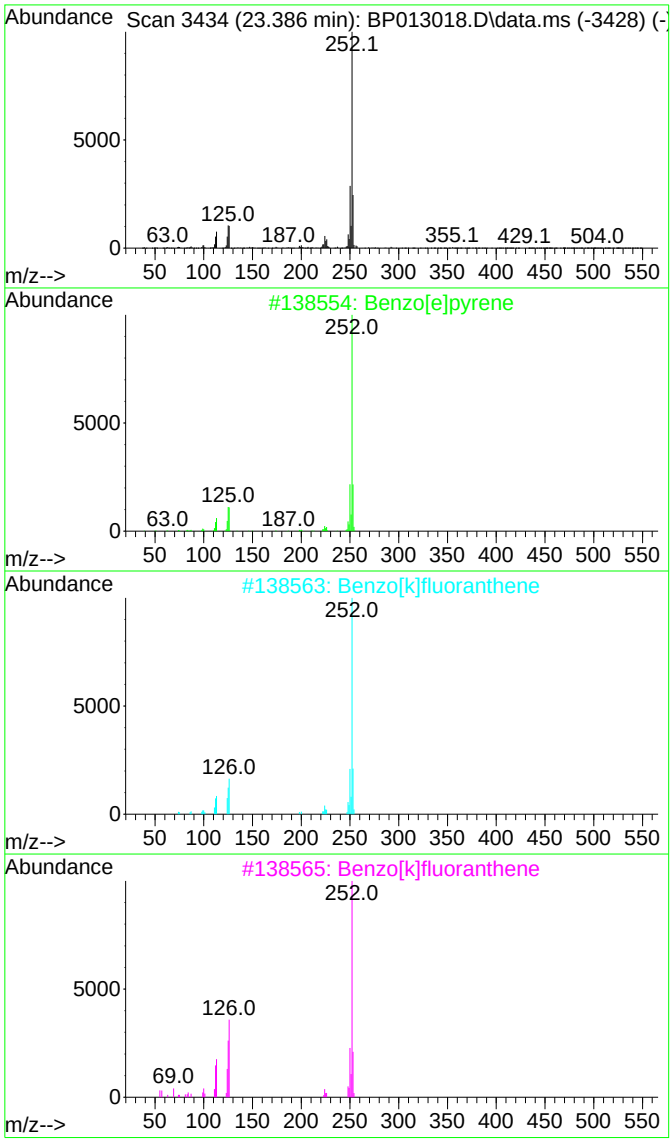
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

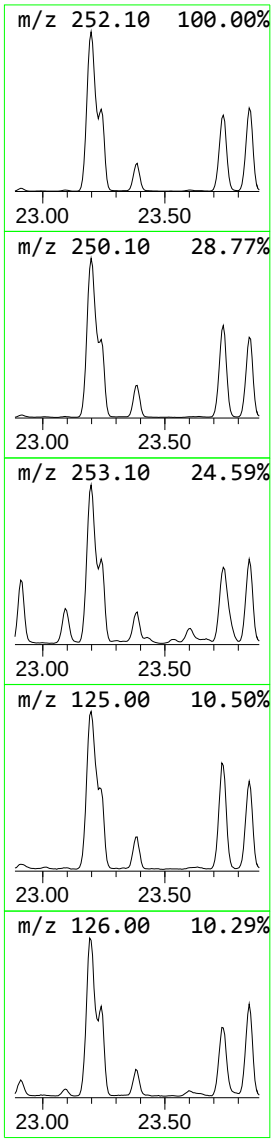
**********

Peak Number 35 Benzo[e]pyrene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.386 | 15.65 ng/ul | 4999300 | Perylene-d12 | 23.951 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 95 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |
| 4 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 90 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

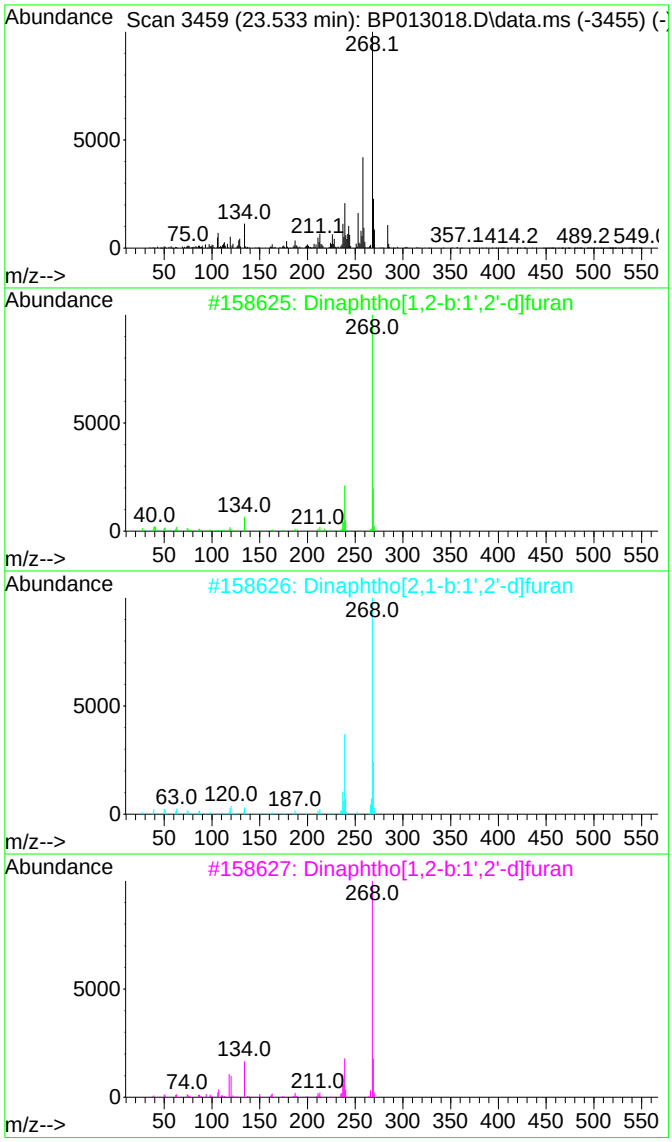
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

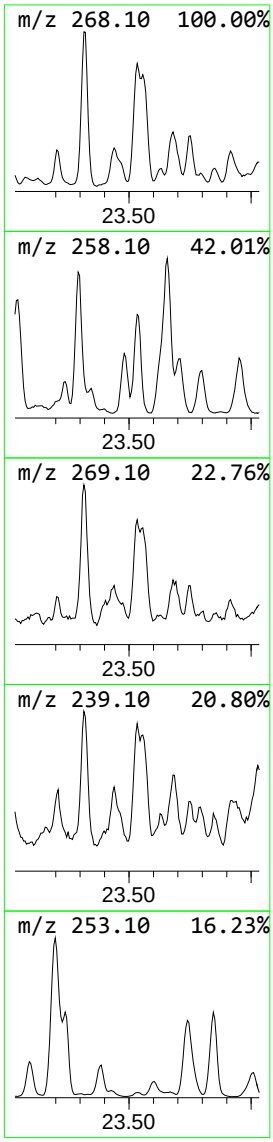
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.533 | 5.10 ng/ul | 1628970 | Perylene-d12 | 23.951 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dinaphtho[1,2-b:1',2'-d]furan | 268 | C20H12O | 000207-93-2 | 90 |
| 2 | Dinaphtho[2,1-b:1',2'-d]furan | 268 | C20H12O | 000194-63-8 | 53 |
| 3 | Dinaphtho[1,2-b:1',2'-d]furan | 268 | C20H12O | 000207-93-2 | 49 |
| 4 | Benzo(a)pyrene 4,5-oxide | 268 | C20H12O | 037574-47-3 | 47 |
| 5 | Diethylstilbestrol | 268 | C18H20O2 | 000056-53-1 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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

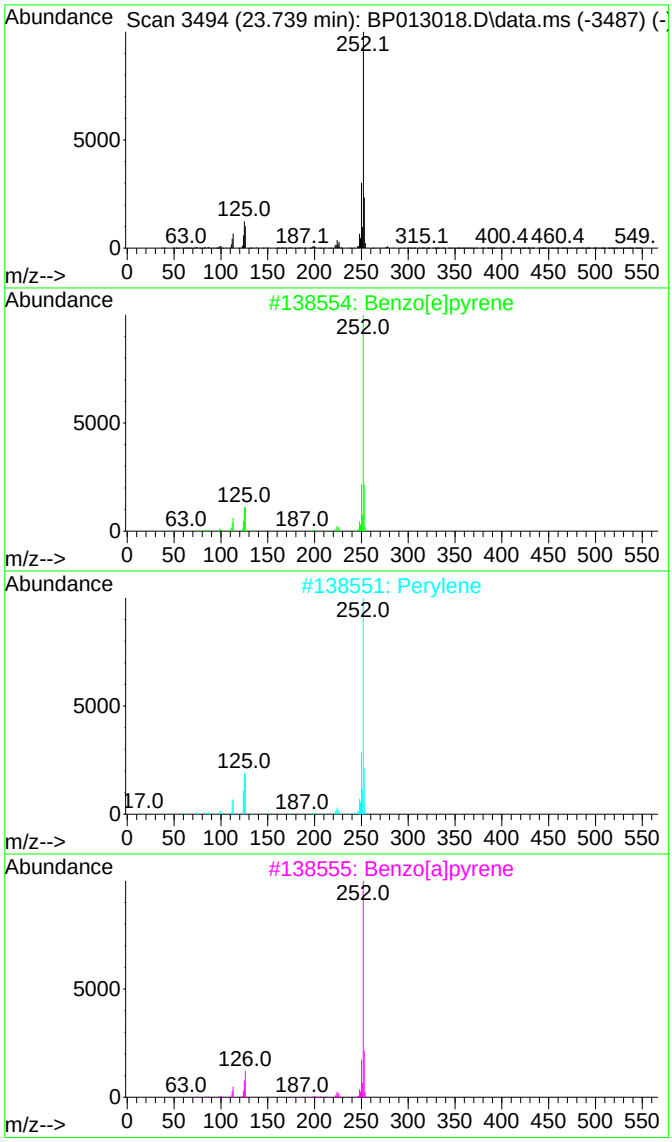
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

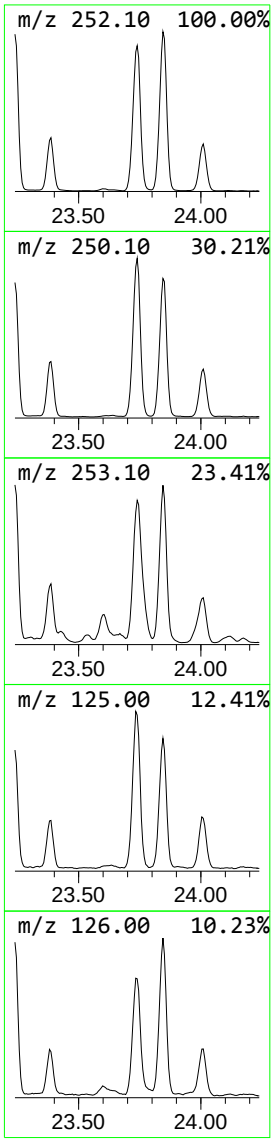
**********

Peak Number 37 Perylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.739 | 48.44 ng/ul | 15470800 | Perylene-d12 | 23.951 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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

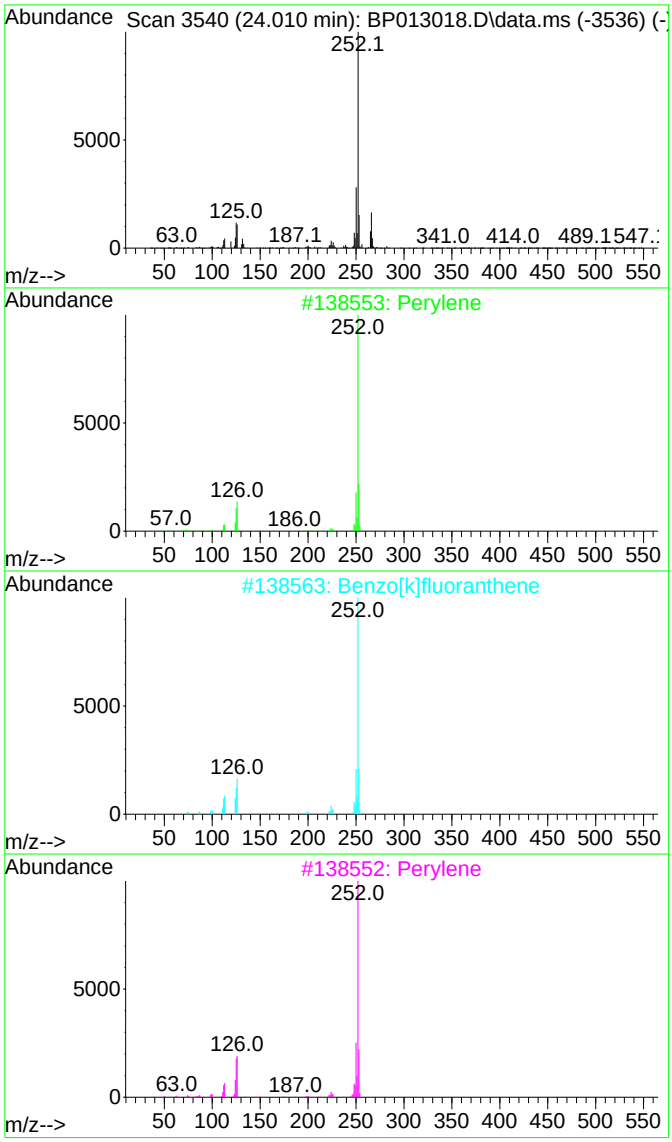
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

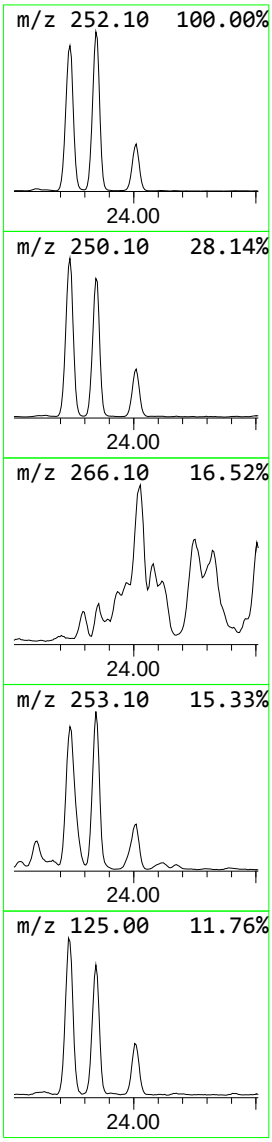
**********

Peak Number 38 unknown-01 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.010 | 19.48 ng/ul | 6222340 | Perylene-d12 | 23.951 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Perylene | 252 | C20H12 | 000198-55-0 | 89 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 89 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 89 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 89 |
| 5 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

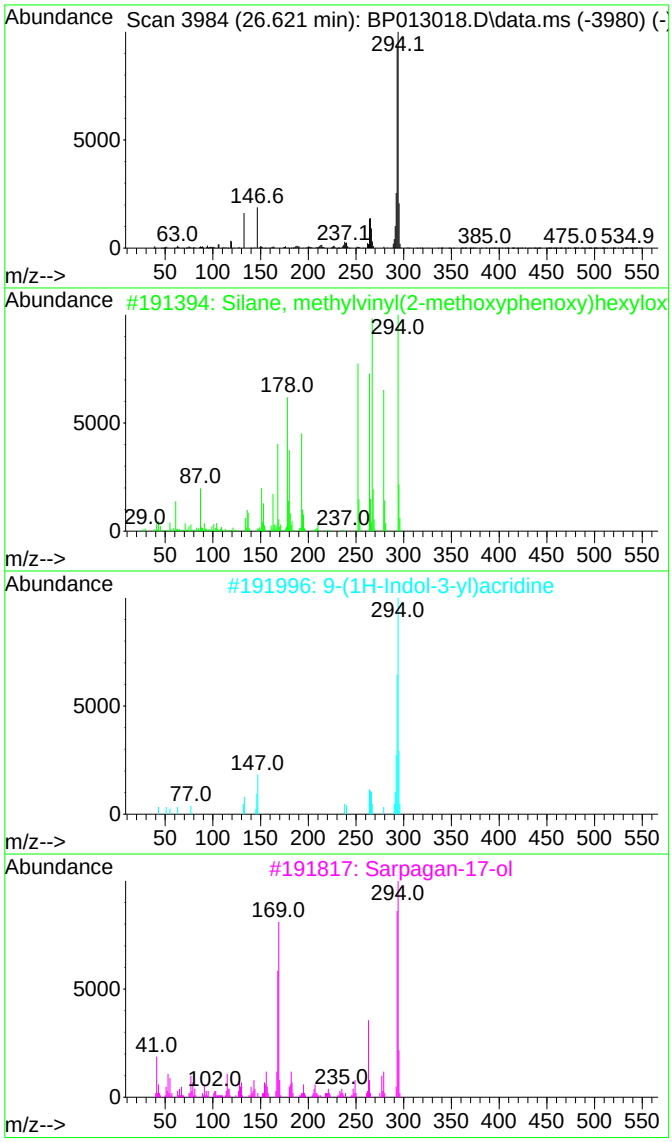
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

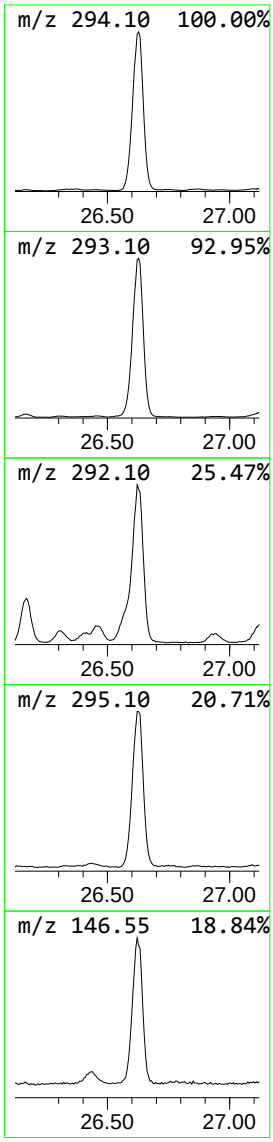
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 Silane, methylvinyl(2-metho... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.621 | 33.06 ng/ul | 10559200 | Perylene-d12 | 23.951 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, methylvinyl(2-methoxyphe... | 294 | C16H26O3Si | 1000420-67-2 | 83 |
| 2 | 9-(1H-Indol-3-yl)acridine | 294 | C21H14N2 | 1010326-84-0 | 70 |
| 3 | Sarpagan-17-ol | 294 | C19H22N2O | 000604-99-9 | 64 |
| 4 | Ortho-diphenylphosphinylphenol | 294 | C18H15O2P | 016522-52-4 | 53 |
| 5 | 11-Methyldibenzo(a,c)phenazine | 294 | C21H14N2 | 004559-60-8 | 50 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013018.D
Acq On : 09 Dec 2022 15:06
Operator : CG/JU
Sample : N5896-20
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXN8

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 |
| Indene | 8.516 | 3.7 | ng/ul | 714293 | 1 | 7.975 | 3828890 | 20.0 |
| (DEL) Alkane: S... | 12.675 | 2.8 | ng/ul | 829065 | 2 | 10.787 | 5995010 | 20.0 |
| (DEL) Alkane: S... | 14.498 | 2.5 | ng/ul | 1081700 | 3 | 14.610 | 8603930 | 20.0 |
| Dibenzofuran | 15.010 | 8.5 | ng/ul | 3666900 | 3 | 14.610 | 8603930 | 20.0 |
| (DEL) Alkane: S... | 15.451 | 3.3 | ng/ul | 1427460 | 3 | 14.610 | 8603930 | 20.0 |
| (DEL) Alkane: S... | 15.857 | 2.6 | ng/ul | 1118200 | 3 | 14.610 | 8603930 | 20.0 |
| (DEL) Alkane: S... | 16.316 | 5.8 | ng/ul | 2933070 | 4 | 17.369 | 10157100 | 20.0 |
| 1(2H)-Acenaphth... | 16.339 | 5.7 | ng/ul | 2913940 | 4 | 17.369 | 10157100 | 20.0 |
| (DEL) Alkane: S... | 17.116 | 4.8 | ng/ul | 2432300 | 4 | 17.369 | 10157100 | 20.0 |
| Dibenzothiophene | 17.181 | 5.9 | ng/ul | 2999650 | 4 | 17.369 | 10157100 | 20.0 |
| Acridine | 17.563 | 5.2 | ng/ul | 2638470 | 4 | 17.369 | 10157100 | 20.0 |
| Naphtho[2,1-b]t... | 17.651 | 3.2 | ng/ul | 1639120 | 4 | 17.369 | 10157100 | 20.0 |
| 5H-Indeno[1,2-b... | 17.775 | 40.9 | ng/ul | 20786100 | 4 | 17.369 | 10157100 | 20.0 |
| (DEL) Alkane: S... | 17.857 | 4.2 | ng/ul | 2133190 | 4 | 17.369 | 10157100 | 20.0 |
| 2-Hydroxyfluorene | 18.198 | 2.2 | ng/ul | 1114560 | 4 | 17.369 | 10157100 | 20.0 |
| n-Hexadecanoic ... | 18.239 | 3.5 | ng/ul | 1792130 | 4 | 17.369 | 10157100 | 20.0 |
| Phenanthrene, 2... | 18.281 | 4.6 | ng/ul | 2346370 | 4 | 17.369 | 10157100 | 20.0 |
| 1H-Cyclopropa[l... | 18.357 | 7.3 | ng/ul | 3710290 | 4 | 17.369 | 10157100 | 20.0 |
| 4H-Cyclopenta[d... | 18.428 | 20.1 | ng/ul | 10188800 | 4 | 17.369 | 10157100 | 20.0 |
| 2-Bromo dodecane | 18.522 | 5.0 | ng/ul | 2557810 | 4 | 17.369 | 10157100 | 20.0 |
| 9,10-Anthracene... | 18.757 | 4.5 | ng/ul | 2286740 | 4 | 17.369 | 10157100 | 20.0 |
| (DEL) Alkane: S... | 19.133 | 4.7 | ng/ul | 2393010 | 4 | 17.369 | 10157100 | 20.0 |
| 1H-Indol-6-ylam... | 19.180 | 3.3 | ng/ul | 1679460 | 4 | 17.369 | 10157100 | 20.0 |
| Cyclopenta(def)... | 19.257 | 10.3 | ng/ul | 5205050 | 4 | 17.369 | 10157100 | 20.0 |
| Acenaphtho(1,2-... | 19.592 | 4.0 | ng/ul | 6662520 | 5 | 21.463 | 33374300 | 20.0 |
| Naphtho(2,1,8-d... | 19.969 | 7.4 | ng/ul | 12411500 | 5 | 21.463 | 33374300 | 20.0 |
| Pyrene, 1-methyl- | 20.051 | 2.6 | ng/ul | 4276330 | 5 | 21.463 | 33374300 | 20.0 |
| Fluoranthene, 2... | 20.192 | 5.6 | ng/ul | 9322230 | 5 | 21.463 | 33374300 | 20.0 |
| 11H-Benzo[b]flu... | 20.304 | 2.6 | ng/ul | 4373510 | 5 | 21.463 | 33374300 | 20.0 |
| 7H-Benz[de]anth... | 20.939 | 2.2 | ng/ul | 3726700 | 5 | 21.463 | 33374300 | 20.0 |
| (DEL) Alkane: C... | 21.145 | 3.2 | ng/ul | 5283270 | 5 | 21.463 | 33374300 | 20.0 |
| Cyclopenta[cd]p... | 21.180 | 3.4 | ng/ul | 5670830 | 5 | 21.463 | 33374300 | 20.0 |
| Cyclopenta(cd)p... | 21.627 | 2.6 | ng/ul | 4264230 | 5 | 21.463 | 33374300 | 20.0 |
| Naphtho[2,1,8,7... | 21.786 | 2.5 | ng/ul | 4210820 | 5 | 21.463 | 33374300 | 20.0 |
| Benzo[e]pyrene | 23.386 | 15.7 | ng/ul | 4999300 | 6 | 23.951 | 6387790 | 20.0 |
| Dinaphtho[1,2-b... | 23.533 | 5.1 | ng/ul | 1628970 | 6 | 23.951 | 6387790 | 20.0 |
| Perylene | 23.739 | 48.4 | ng/ul | 15470800 | 6 | 23.951 | 6387790 | 20.0 |
| unknown-01 | 24.010 | 19.5 | ng/ul | 6222340 | 6 | 23.951 | 6387790 | 20.0 |
| Silane, methylv... | 26.621 | 33.1 | ng/ul | 10559200 | 6 | 23.951 | 6387790 | 20.0 |