LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BGC50

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-BP081622.M
Title : SVOA CALIBRATION

Signal : TIC: BP011506.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.070 | 11 | 14 | 23 | rVB | 28804 | 36261 | 1.13% | 0.076% |
| 2 | 3.481 | 82 | 84 | 98 | rBV | 166601 | 263608 | 8.18% | 0.552% |
| 3 | 3.581 | 98 | 101 | 108 | rVB3 | 13597 | 21410 | 0.66% | 0.045% |
| 4 | 3.693 | 115 | 120 | 126 | rVB | 32164 | 47203 | 1.47% | 0.099% |
| 5 | 4.217 | 205 | 209 | 216 | rVB | 14276 | 20662 | 0.64% | 0.043% |
| 6 | 6.746 | 633 | 639 | 655 | rVB | 373426 | 628920 | 19.53% | 1.316% |
| 7 | 6.905 | 660 | 666 | 677 | rVB | 289665 | 442673 | 13.74% | 0.926% |
| 8 | 7.087 | 690 | 697 | 707 | rBV | 388730 | 612484 | 19.02% | 1.281% |
| 9 | 7.558 | 765 | 777 | 784 | rBV | 404351 | 627839 | 19.49% | 1.314% |
| 10 | 8.275 | 893 | 899 | 913 | rBV | 430956 | 707990 | 21.98% | 1.481% |
| 11 | 8.722 | 968 | 975 | 982 | rBV | 347162 | 574778 | 17.84% | 1.203% |
| 12 | 9.434 | 1089 | 1096 | 1108 | rBV | 290135 | 495774 | 15.39% | 1.037% |
| 13 | 9.975 | 1177 | 1188 | 1199 | rBV | 428280 | 728764 | 22.63% | 1.525% |
| 14 | 10.346 | 1242 | 1251 | 1257 | rBV | 513417 | 859278 | 26.68% | 1.798% |
| 15 | 10.393 | 1257 | 1259 | 1265 | rVB | 21901 | 29916 | 0.93% | 0.063% |
| 16 | 10.499 | 1265 | 1277 | 1292 | rBV | 326394 | 611959 | 19.00% | 1.280% |
| 17 | 11.375 | 1414 | 1426 | 1433 | rBV9 | 8284 | 23399 | 0.73% | 0.049% |
| 18 | 12.022 | 1529 | 1536 | 1542 | rBV | 16422 | 27321 | 0.85% | 0.057% |
| 19 | 12.246 | 1569 | 1574 | 1580 | rVB2 | 16742 | 27047 | 0.84% | 0.057% |
| 20 | 13.545 | 1790 | 1795 | 1800 | rBV3 | 13460 | 24780 | 0.77% | 0.052% |
| 21 | 13.651 | 1807 | 1813 | 1821 | rVV | 719367 | 999086 | 31.02% | 2.090% |
| 22 | 13.781 | 1828 | 1835 | 1839 | rVV4 | 9835 | 19382 | 0.60% | 0.041% |
| 23 | 13.916 | 1851 | 1858 | 1877 | rBV2 | 756179 | 1213515 | 37.67% | 2.539% |
| 24 | 14.228 | 1904 | 1911 | 1918 | rBV | 692127 | 995345 | 30.90% | 2.082% |
| 25 | 14.293 | 1918 | 1922 | 1931 | rVB | 52764 | 80012 | 2.48% | 0.167% |
| 26 | 14.463 | 1944 | 1951 | 1962 | rBV | 256710 | 463849 | 14.40% | 0.970% |
| 27 | 14.634 | 1974 | 1980 | 1984 | rBV | 29830 | 45275 | 1.41% | 0.095% |
| 28 | 14.675 | 1984 | 1987 | 1991 | rVV5 | 14057 | 21294 | 0.66% | 0.045% |
| 29 | 15.234 | 2076 | 2082 | 2087 | rBV | 1010716 | 1388006 | 43.09% | 2.904% |
| 30 | 15.287 | 2087 | 2091 | 2098 | rVB2 | 53813 | 78205 | 2.43% | 0.164% |
| 31 | 15.369 | 2100 | 2105 | 2116 | rBV | 246824 | 355281 | 11.03% | 0.743% |
| 32 | 15.587 | 2138 | 2142 | 2148 | rBV | 16775 | 24813 | 0.77% | 0.052% |
| 33 | 15.734 | 2163 | 2167 | 2176 | rVB2 | 17513 | 36045 | 1.12% | 0.075% |
| 34 | 15.975 | 2203 | 2208 | 2209 | rBV2 | 27002 | 31561 | 0.98% | 0.066% |
| 35 | 16.310 | 2257 | 2265 | 2269 | rBV6 | 8193 | 18961 | 0.59% | 0.040% |
| 36 | 16.657 | 2320 | 2324 | 2332 | rVB2 | 30235 | 53822 | 1.67% | 0.113% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

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-BP081622.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 16.739 | 2332 | 2338 | 2341 | rBV5 | 13710 | 29143 | 0.90% | 0.061% |
| 38 | 16.775 | 2341 | 2344 | 2348 | rVV3 | 16648 | 21701 | 0.67% | 0.045% |
| 39 | 16.822 | 2348 | 2352 | 2356 | rVB | 34916 | 48538 | 1.51% | 0.102% |
| 40 | 16.922 | 2364 | 2369 | 2374 | rBV3 | 40560 | 57562 | 1.79% | 0.120% |
| 41 | 17.004 | 2376 | 2383 | 2386 | rVV | 772014 | 1141027 | 35.42% | 2.387% |
| 42 | 17.045 | 2386 | 2390 | 2394 | rVV | 700745 | 946293 | 29.38% | 1.980% |
| 43 | 17.104 | 2394 | 2400 | 2404 | rVV | 1112844 | 1618480 | 50.25% | 3.386% |
| 44 | 17.134 | 2404 | 2405 | 2412 | rVV | 172040 | 180917 | 5.62% | 0.379% |
| 45 | 17.198 | 2412 | 2416 | 2422 | rVB5 | 18059 | 35089 | 1.09% | 0.073% |
| 46 | 17.422 | 2444 | 2454 | 2463 | rBV | 88583 | 172174 | 5.35% | 0.360% |
| 47 | 17.528 | 2468 | 2472 | 2476 | rBV4 | 24638 | 38087 | 1.18% | 0.080% |
| 48 | 17.698 | 2498 | 2501 | 2507 | rBV | 25496 | 35184 | 1.09% | 0.074% |
| 49 | 17.804 | 2515 | 2519 | 2523 | rBV2 | 28201 | 40458 | 1.26% | 0.085% |
| 50 | 17.881 | 2525 | 2532 | 2535 | rVV2 | 73780 | 131604 | 4.09% | 0.275% |
| 51 | 17.928 | 2535 | 2540 | 2547 | rVV2 | 228693 | 356946 | 11.08% | 0.747% |
| 52 | 18.004 | 2548 | 2553 | 2558 | rVV2 | 42692 | 94494 | 2.93% | 0.198% |
| 53 | 18.075 | 2559 | 2565 | 2569 | rVV2 | 132617 | 235849 | 7.32% | 0.493% |
| 54 | 18.110 | 2569 | 2571 | 2576 | rVB | 46766 | 52217 | 1.62% | 0.109% |
| 55 | 18.210 | 2584 | 2588 | 2595 | rVB5 | 25091 | 49341 | 1.53% | 0.103% |
| 56 | 18.375 | 2613 | 2616 | 2620 | rBV | 54786 | 69992 | 2.17% | 0.146% |
| 57 | 18.422 | 2620 | 2624 | 2628 | rVB | 60931 | 75329 | 2.34% | 0.158% |
| 58 | 18.663 | 2663 | 2665 | 2668 | rVB2 | 20449 | 18679 | 0.58% | 0.039% |
| 59 | 18.704 | 2669 | 2672 | 2675 | rVB2 | 19648 | 20778 | 0.65% | 0.043% |
| 60 | 18.781 | 2681 | 2685 | 2690 | rBV4 | 37388 | 73538 | 2.28% | 0.154% |
| 61 | 18.828 | 2690 | 2693 | 2698 | rVB4 | 25395 | 47774 | 1.48% | 0.100% |
| 62 | 18.922 | 2705 | 2709 | 2716 | rBV2 | 63590 | 123439 | 3.83% | 0.258% |
| 63 | 19.039 | 2724 | 2729 | 2734 | rVB | 1639410 | 2033969 | 63.15% | 4.255% |
| 64 | 19.139 | 2743 | 2746 | 2749 | rBV2 | 26765 | 27955 | 0.87% | 0.058% |
| 65 | 19.175 | 2749 | 2752 | 2757 | rVV2 | 43572 | 70189 | 2.18% | 0.147% |
| 66 | 19.275 | 2767 | 2769 | 2773 | rVB | 41279 | 45814 | 1.42% | 0.096% |
| 67 | 19.369 | 2779 | 2785 | 2787 | rBV | 1560423 | 2171506 | 67.42% | 4.543% |
| 68 | 19.392 | 2787 | 2789 | 2798 | rVV | 1312317 | 1628853 | 50.57% | 3.408% |
| 69 | 19.469 | 2798 | 2802 | 2808 | rVB2 | 53349 | 87669 | 2.72% | 0.183% |
| 70 | 19.575 | 2816 | 2820 | 2824 | rVB | 66935 | 84530 | 2.62% | 0.177% |
| 71 | 19.633 | 2826 | 2830 | 2835 | rBV | 60756 | 84386 | 2.62% | 0.177% |
| 72 | 19.722 | 2839 | 2845 | 2850 | rBV3 | 69773 | 174745 | 5.43% | 0.366% |
| 73 | 19.845 | 2862 | 2866 | 2869 | rBV4 | 58981 | 111139 | 3.45% | 0.233% |
| 74 | 19.880 | 2869 | 2872 | 2876 | rVB | 129053 | 168209 | 5.22% | 0.352% |
| 75 | 19.980 | 2886 | 2889 | 2892 | rBV2 | 114152 | 122909 | 3.82% | 0.257% |
| 76 | 20.033 | 2894 | 2898 | 2902 | rVB2 | 87674 | 139752 | 4.34% | 0.292% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

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-BP081622.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 20.175 | 2919 | 2922 | 2926 | rBV2 | 52114 | 63199 | 1.96% | 0.132% |
| 78 | 20.222 | 2926 | 2930 | 2935 | rBV3 | 48949 | 84841 | 2.63% | 0.178% |
| 79 | 20.622 | 2995 | 2998 | 3007 | rVB | 198449 | 282035 | 8.76% | 0.590% |
| 80 | 20.780 | 3022 | 3025 | 3029 | rVB2 | 123525 | 149088 | 4.63% | 0.312% |
| 81 | 20.822 | 3029 | 3032 | 3035 | rVV | 93600 | 93103 | 2.89% | 0.195% |
| 82 | 20.869 | 3035 | 3040 | 3045 | rVV3 | 328081 | 569050 | 17.67% | 1.191% |
| 83 | 20.916 | 3045 | 3048 | 3052 | rVB | 130125 | 155271 | 4.82% | 0.325% |
| 84 | 21.057 | 3069 | 3072 | 3076 | rBV | 752792 | 861122 | 26.73% | 1.802% |
| 85 | 21.127 | 3078 | 3084 | 3088 | rVV2 | 1314691 | 2494259 | 77.44% | 5.218% |
| 86 | 21.169 | 3088 | 3091 | 3100 | rVB | 765829 | 985624 | 30.60% | 2.062% |
| 87 | 21.286 | 3108 | 3111 | 3117 | rBV2 | 136588 | 205255 | 6.37% | 0.429% |
| 88 | 21.739 | 3185 | 3188 | 3191 | rBV2 | 172987 | 198091 | 6.15% | 0.414% |
| 89 | 22.004 | 3228 | 3233 | 3242 | rVB | 2502915 | 3221014 | 100.00% | 6.739% |
| 90 | 22.216 | 3265 | 3269 | 3276 | rVB3 | 288703 | 489307 | 15.19% | 1.024% |
| 91 | 22.457 | 3305 | 3310 | 3316 | rVB3 | 653537 | 988459 | 30.69% | 2.068% |
| 92 | 22.739 | 3352 | 3358 | 3363 | rBV2 | 891763 | 2067140 | 64.18% | 4.325% |
| 93 | 22.810 | 3365 | 3370 | 3382 | rVB | 1247769 | 2998109 | 93.08% | 6.273% |
| 94 | 23.227 | 3437 | 3441 | 3445 | rBV | 332967 | 530336 | 16.46% | 1.110% |
| 95 | 23.280 | 3445 | 3450 | 3455 | rVV2 | 847818 | 1538102 | 47.75% | 3.218% |
| 96 | 23.327 | 3455 | 3458 | 3466 | rVB | 649016 | 1152383 | 35.78% | 2.411% |
| 97 | 23.427 | 3470 | 3475 | 3480 | rBV2 | 581560 | 1079093 | 33.50% | 2.258% |
| 98 | 23.674 | 3514 | 3517 | 3526 | rVB5 | 173836 | 306951 | 9.53% | 0.642% |
| 99 | 24.033 | 3574 | 3578 | 3587 | rVB | 278224 | 529029 | 16.42% | 1.107% |
| 100 | 25.786 | 3869 | 3876 | 3889 | rVB3 | 464819 | 1453277 | 45.12% | 3.041% |

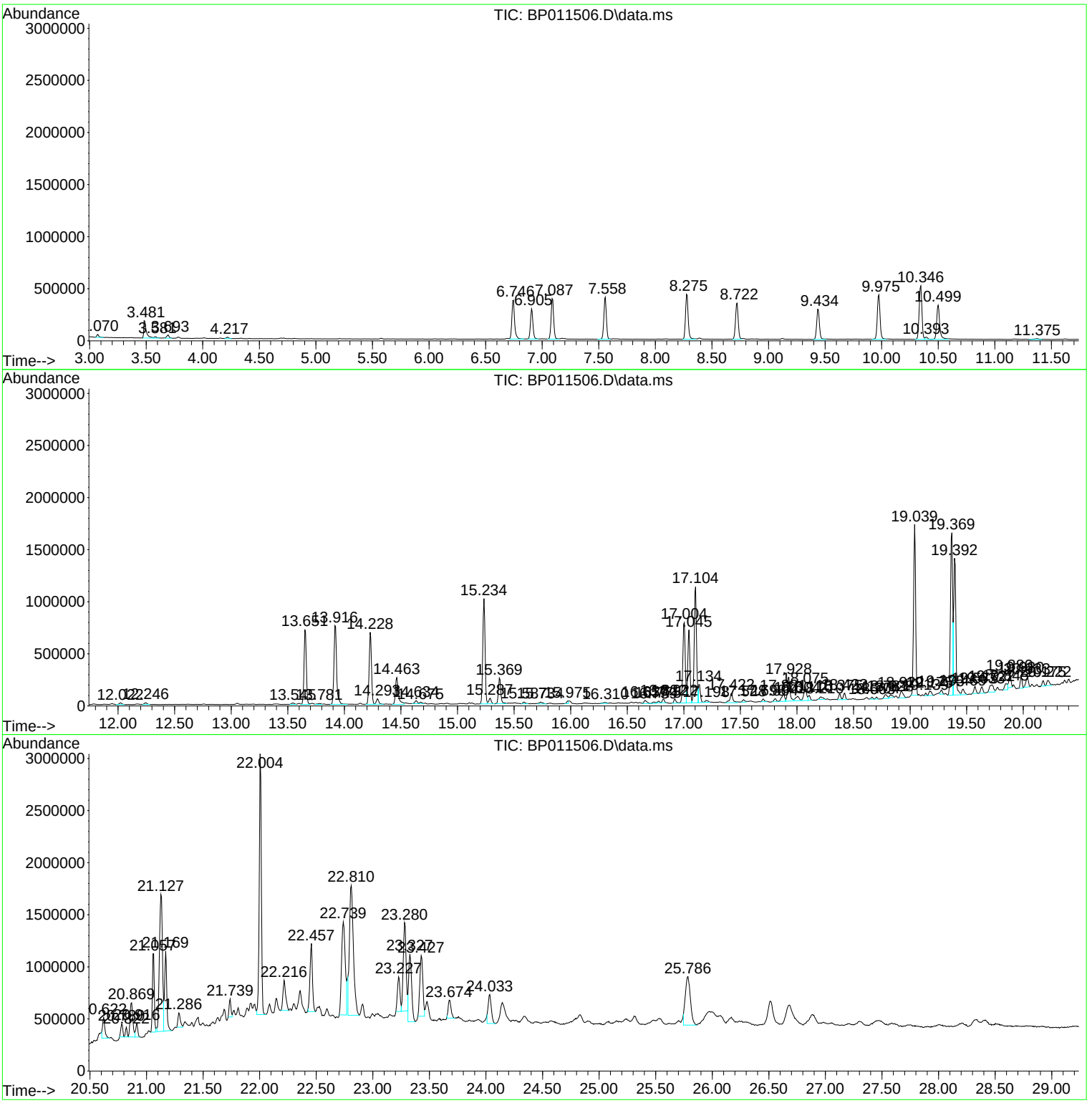
Sum of corrected areas: 47796914

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

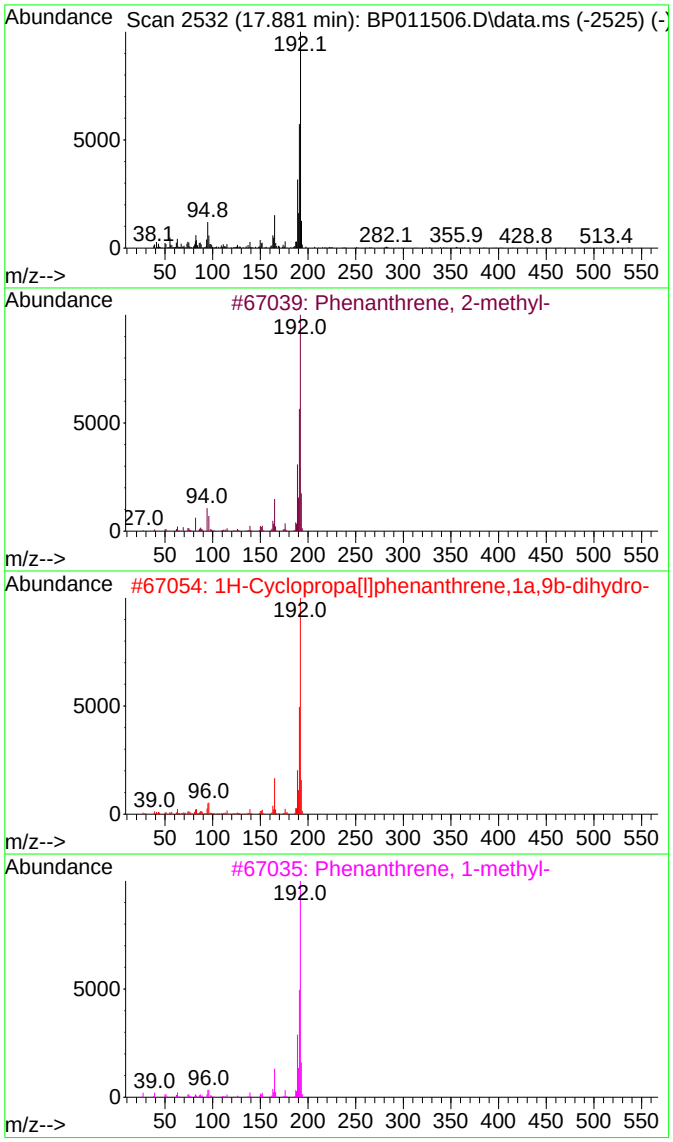
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

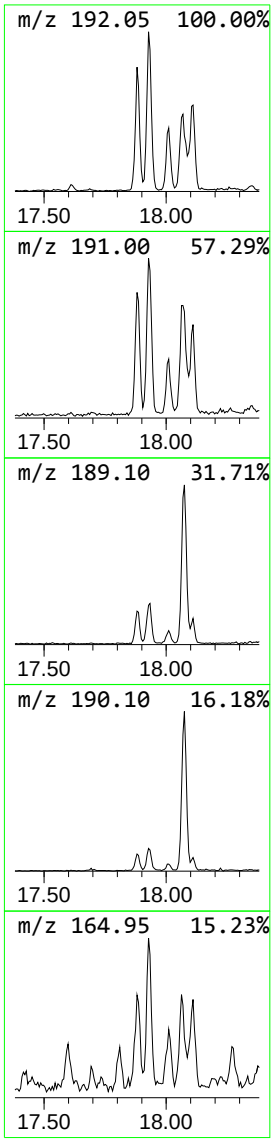
**********

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.881 | 2.31 ng/ul | 131604 | Phenanthrene-d10 | 17.004 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

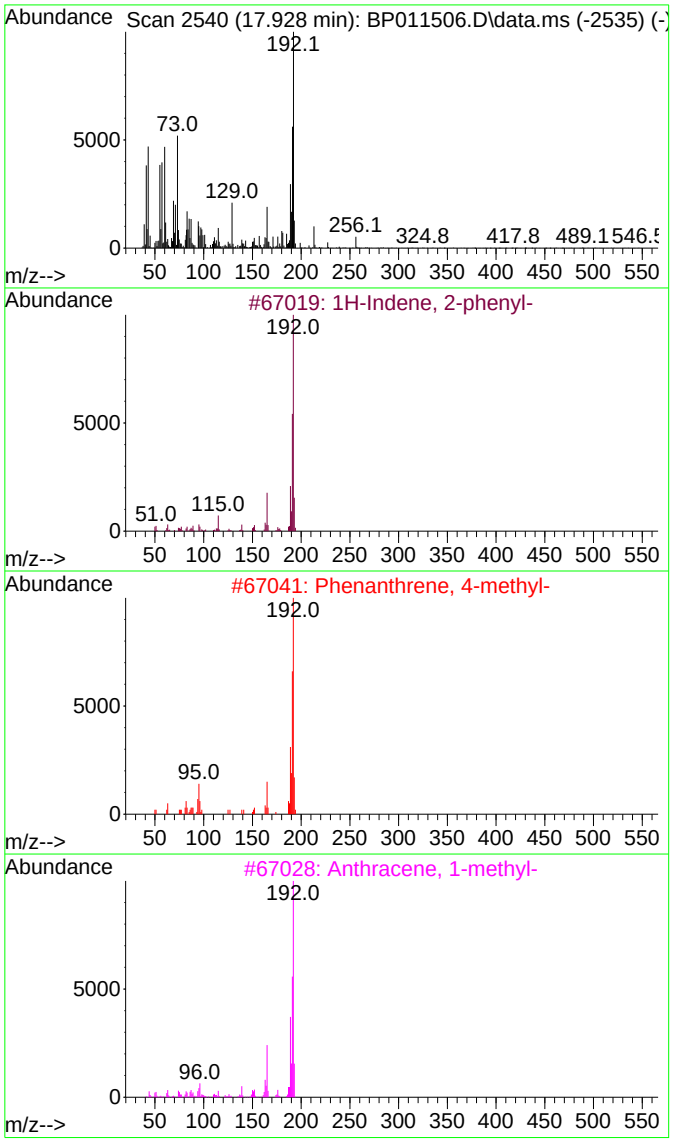
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

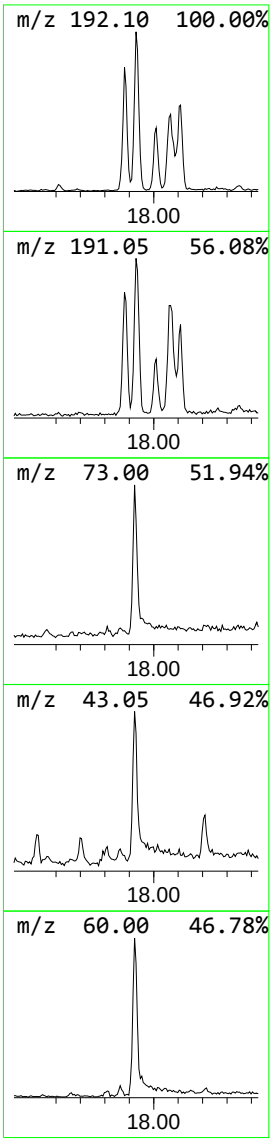
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 1H-Indene, 2-phenyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.928 | 6.26 ng/ul | 356946 | Phenanthrene-d10 | 17.004 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 92 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 91 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 90 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

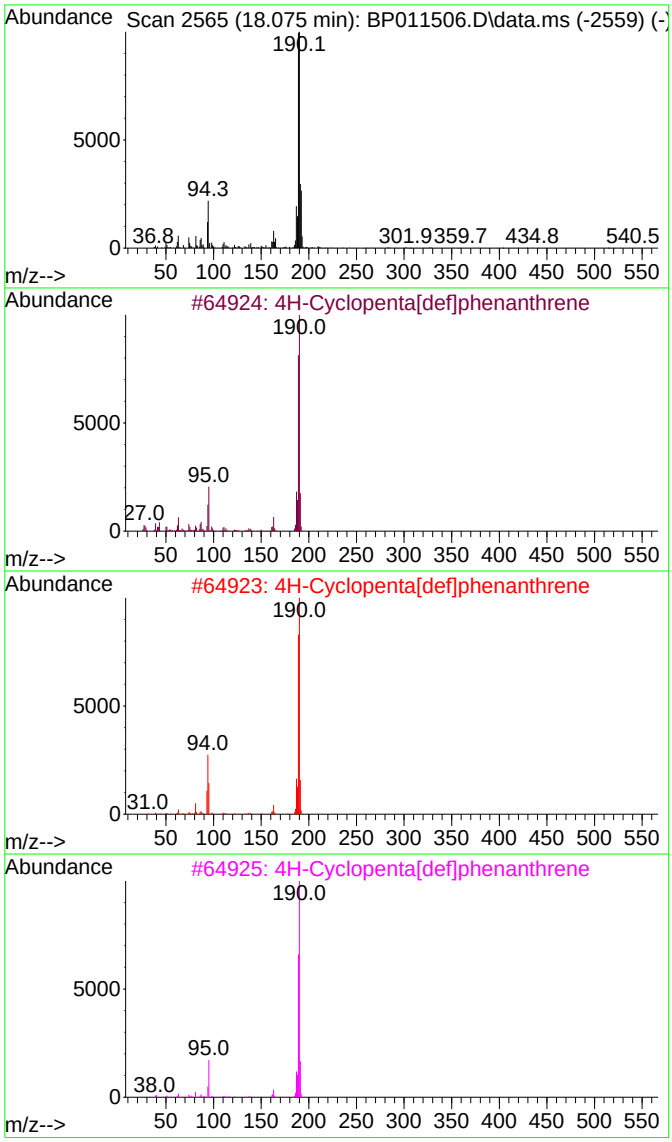
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

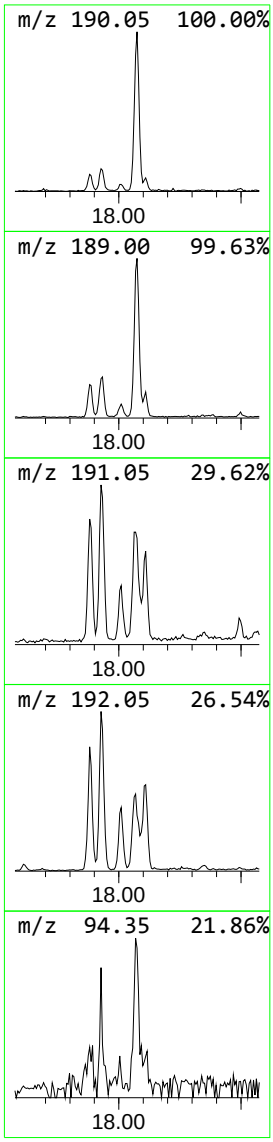
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.075 | 4.13 ng/ul | 235849 | Phenanthrene-d10 | 17.004 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 93 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 87 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 64 |
| 4 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 50 |
| 5 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 33 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

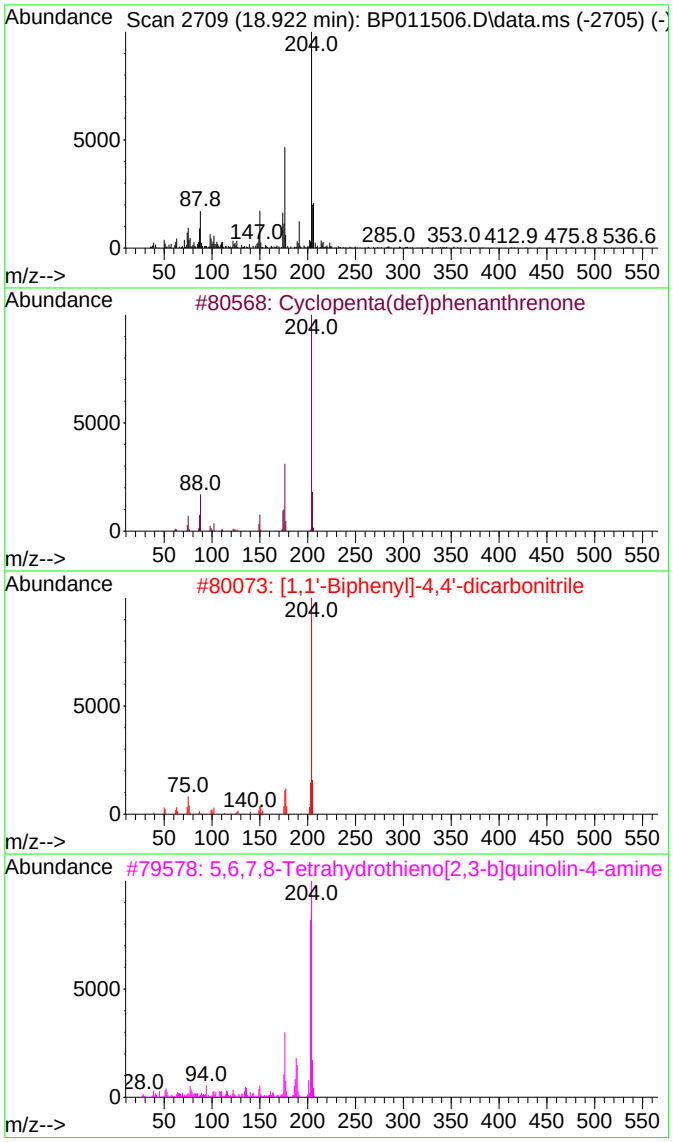
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

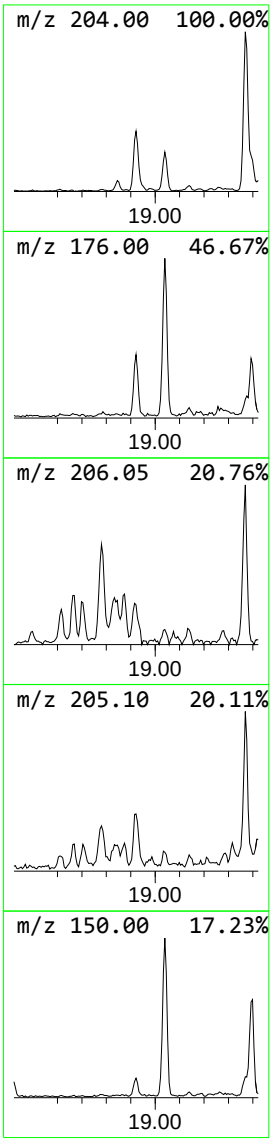
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.922 | 2.16 ng/ul | 123439 | Phenanthrene-d10 | 17.004 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 70 |
| 2 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 50 |
| 3 | 5,6,7,8-Tetrahydrothieno[2,3-b]q... | 204 | C11H12N2S | 122914-50-5 | 47 |
| 4 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 45 |
| 5 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

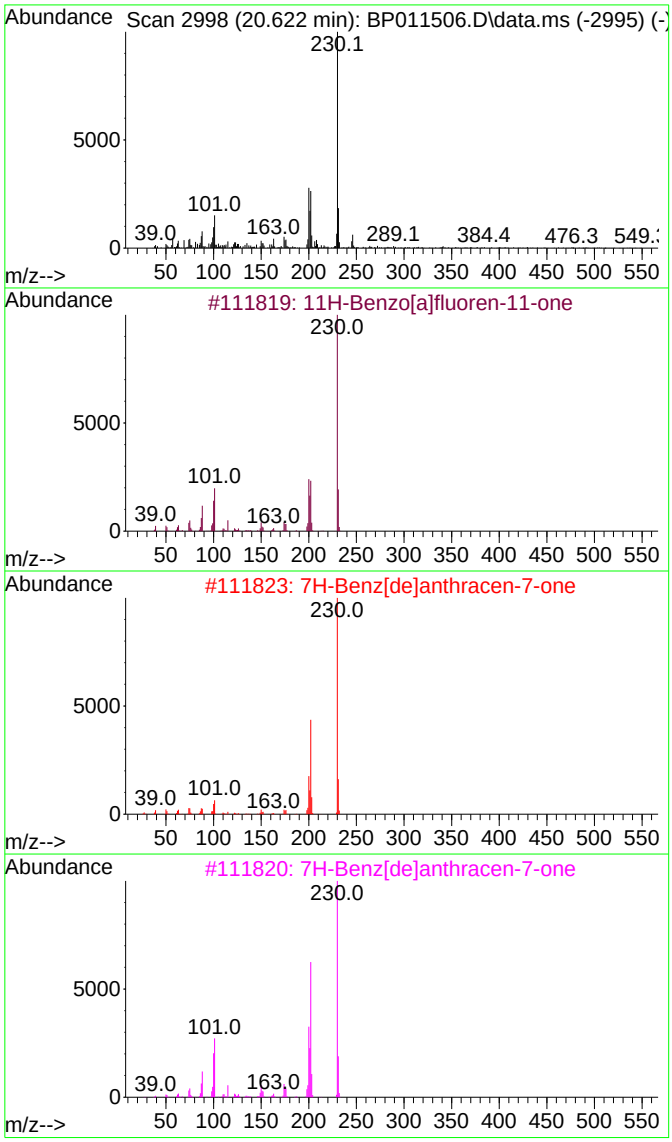
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

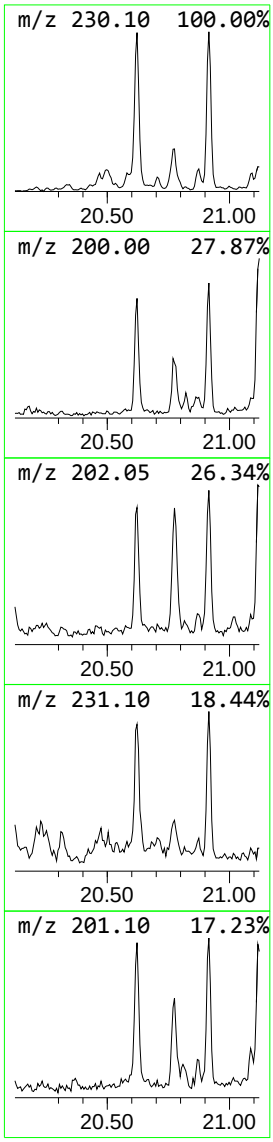
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.622 | 2.26 ng/ul | 282035 | Chrysene-d12 | 21.133 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 95 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 83 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 81 |
| 5 | 1-Pyrenecarboxaldehyde | 230 | C17H10O | 003029-19-4 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

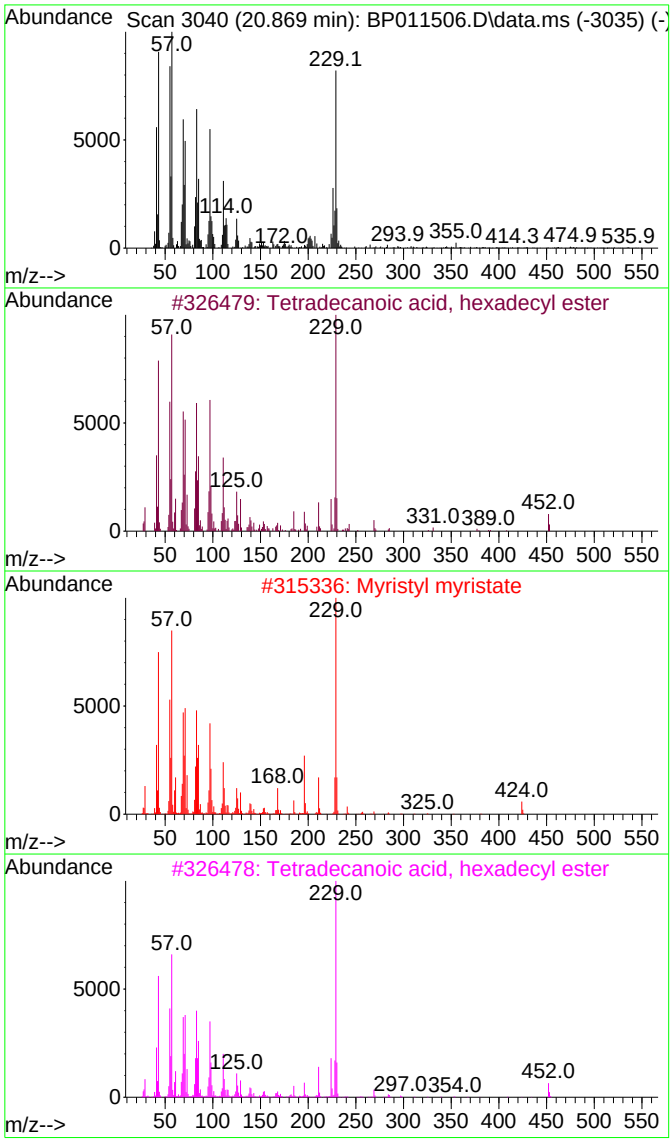
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

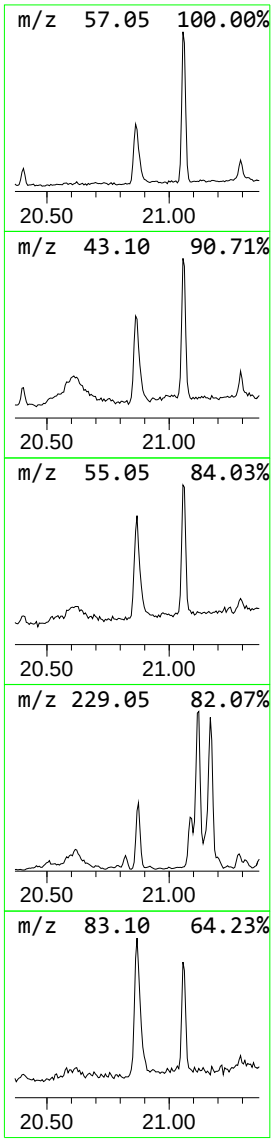
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Tetradecanoic acid, hexadec... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.869 | 4.56 ng/ul | 569050 | Chrysene-d12 | 21.133 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecanoic acid, hexadecyl ester | 452 | C30H60O2 | 002599-01-1 | 64 |
| 2 | Myristyl myristate | 424 | C28H56O2 | 003234-85-3 | 53 |
| 3 | Tetradecanoic acid, hexadecyl ester | 452 | C30H60O2 | 002599-01-1 | 53 |
| 4 | Trichloroacetic acid, 3-tetradec... | 358 | C16H29Cl3O2 | 1000282-06-7 | 38 |
| 5 | Docosyl tetradecanoate | 537 | C36H72O2 | 042232-05-3 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

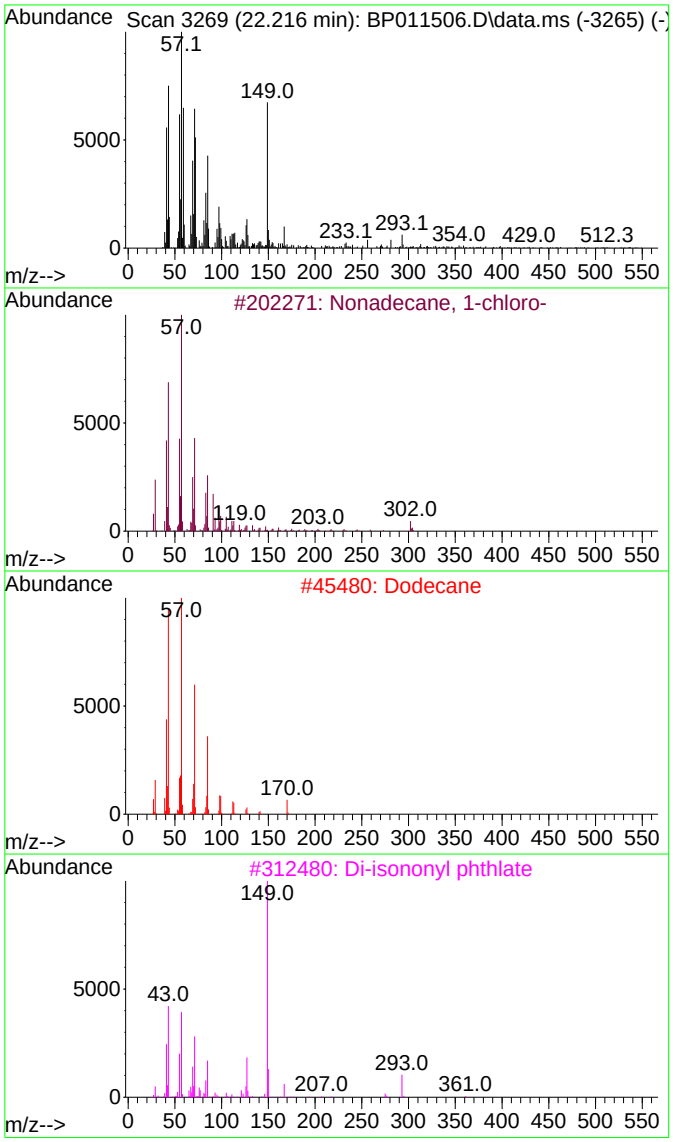
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

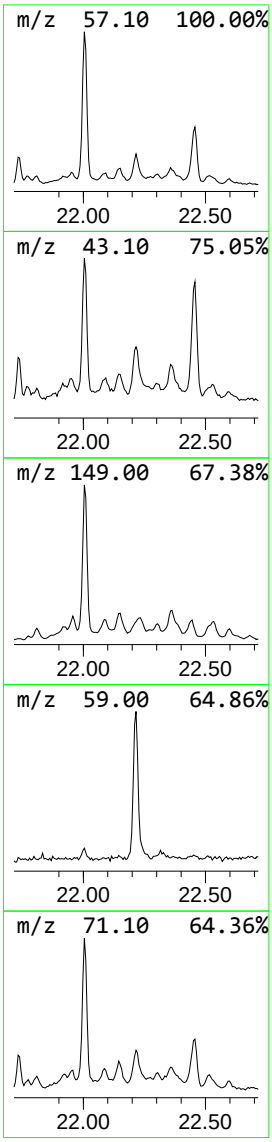
**********

Peak Number 7 Nonadecane, 1-chloro- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.216 | 3.92 ng/ul | 489307 | Chrysene-d12 | 21.133 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane, 1-chloro- | 302 | C19H39Cl | 062016-76-6 | 81 |
| 2 | Dodecane | 170 | C12H26 | 000112-40-3 | 72 |
| 3 | Di-isononyl phthlate | 418 | C26H42O4 | 020548-62-3 | 64 |
| 4 | Tetradecane, 1-chloro- | 232 | C14H29Cl | 002425-54-9 | 56 |
| 5 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

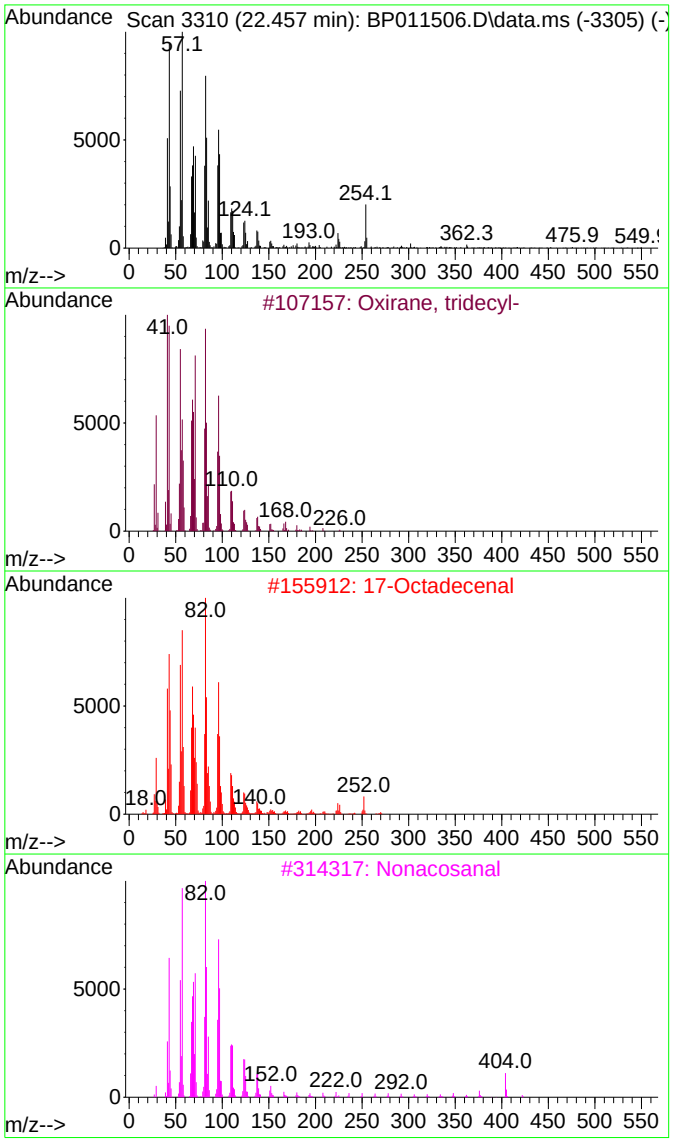
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

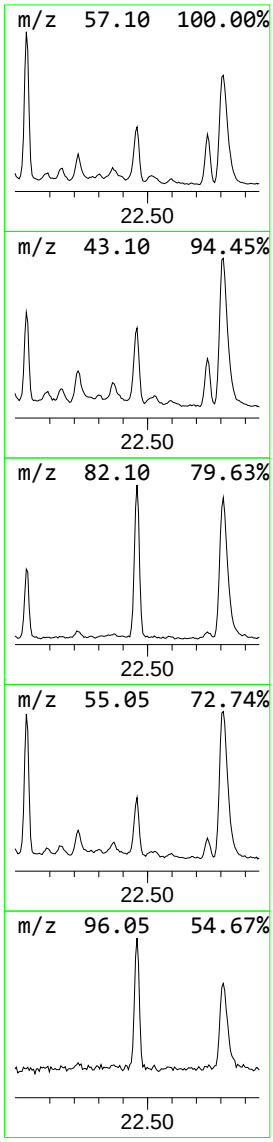
**********

Peak Number 8 Oxirane, tridecyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.457 | 18.32 ng/ul | 988459 | Perylene-d12 | 23.427 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, tridecyl- | 226 | C15H30O | 018633-25-5 | 96 |
| 2 | 17-Octadecenal | 266 | C18H34O | 056554-86-0 | 94 |
| 3 | Nonacosanal | 422 | C29H58O | 072934-04-4 | 93 |
| 4 | Hexacosanal | 380 | C26H52O | 026627-85-0 | 93 |
| 5 | 9-Octadecen-1-ol, acetate, (Z)- | 310 | C20H38O2 | 000693-80-1 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

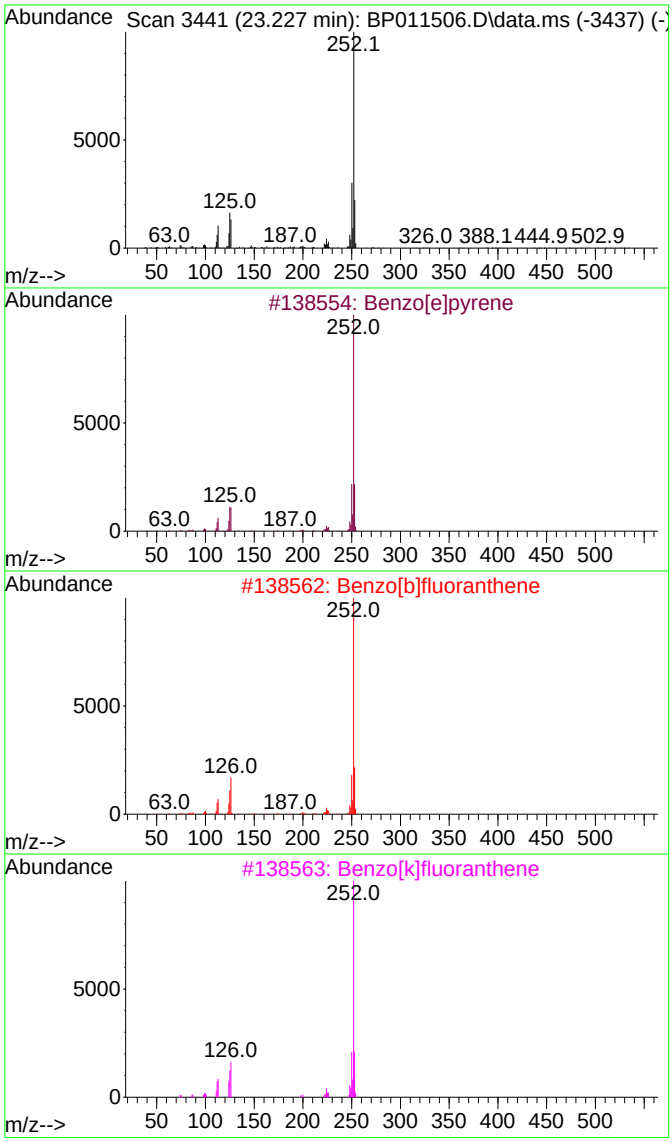
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

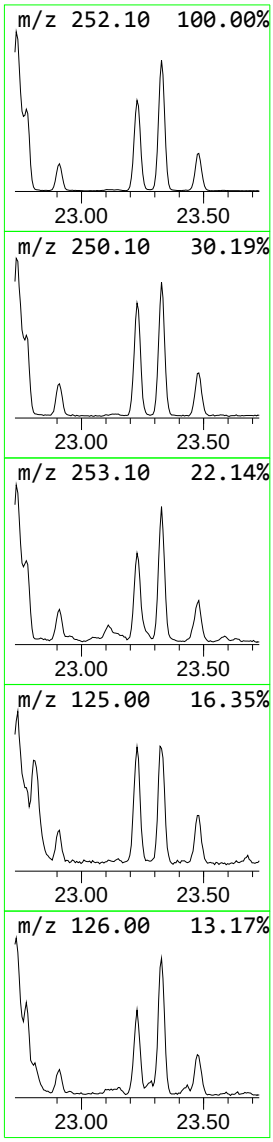
**********

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.227 | 9.83 ng/ul | 530336 | Perylene-d12 | 23.427 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 97 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

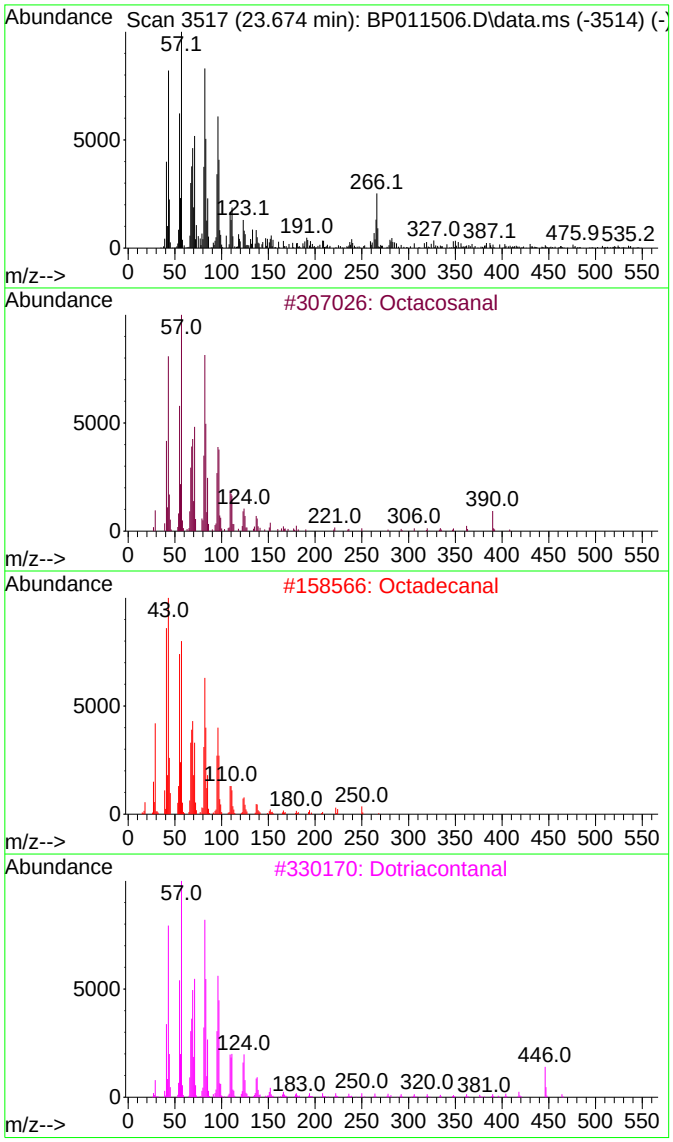
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

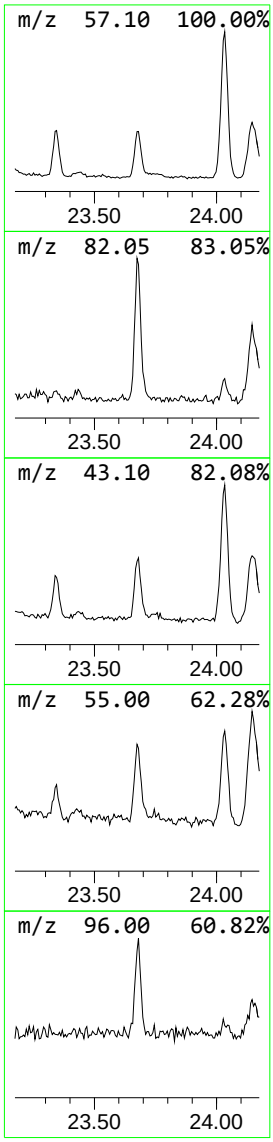
**********

Peak Number 10 Octacosanal Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.674 | 5.69 ng/ul | 306951 | Perylene-d12 | 23.427 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosanal | 408 | C28H56O | 022725-64-0 | 93 |
| 2 | Octadecanal | 268 | C18H36O | 000638-66-4 | 90 |
| 3 | Dotriacontanal | 464 | C32H64O | 057878-00-9 | 81 |
| 4 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 81 |
| 5 | Octadecanal | 268 | C18H36O | 000638-66-4 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

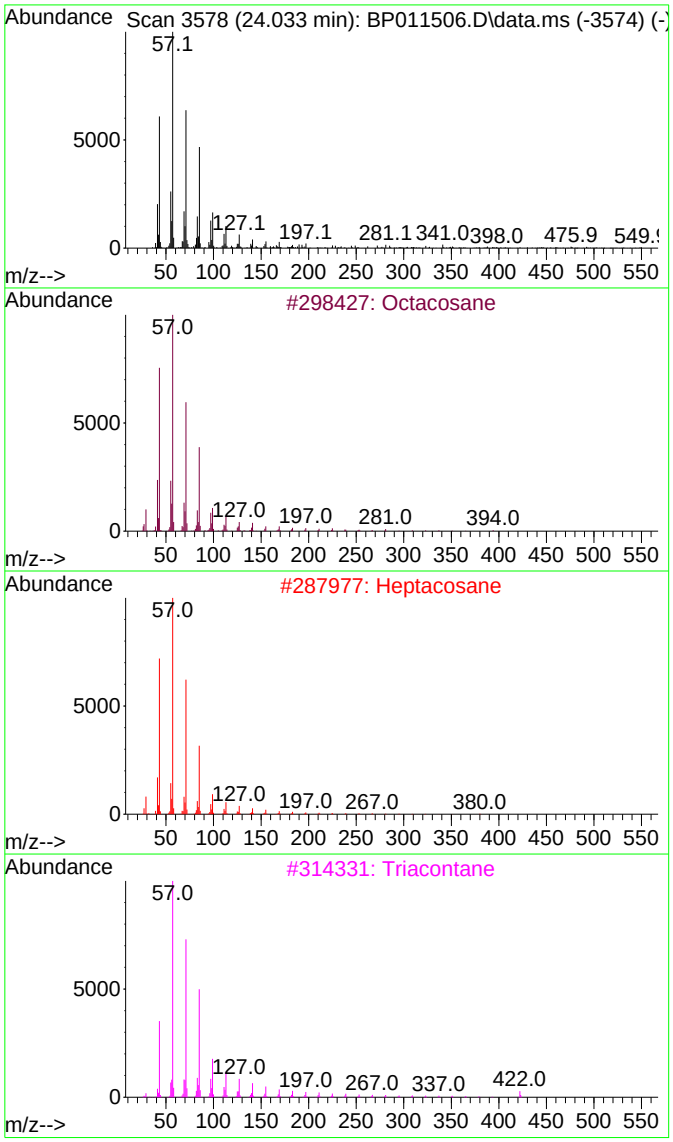
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

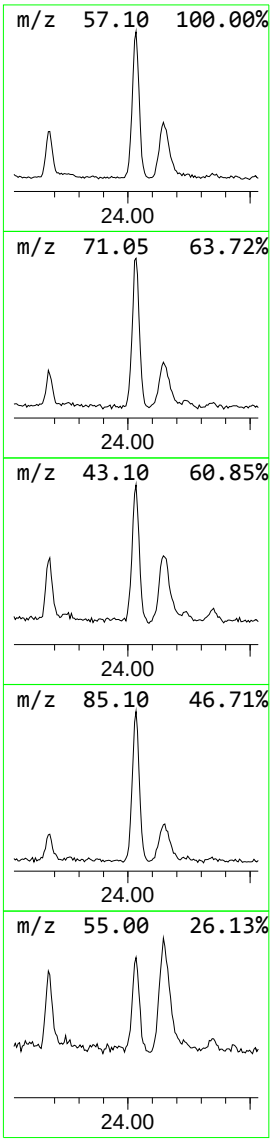
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.033 | 9.81 ng/ul | 529029 | Perylene-d12 | 23.427 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 99 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 97 |
| 3 | Triacontane | 422 | C30H62 | 000638-68-6 | 93 |
| 4 | 3-Methylheptacosane | 394 | C28H58 | 014167-66-9 | 93 |
| 5 | Docosane | 310 | C22H46 | 000629-97-0 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011506.D
Acq On : 19 Aug 2022 14:18
Operator : CG/JU
Sample : N4210-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC50

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.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 |
| Phenanthrene, 2... | 17.881 | 2.3 | ng/ul | 131604 | 4 | 17.004 | 1141030 | 20.0 |
| 1H-Indene, 2-ph... | 17.928 | 6.3 | ng/ul | 356946 | 4 | 17.004 | 1141030 | 20.0 |
| 4H-Cyclopenta[d... | 18.075 | 4.1 | ng/ul | 235849 | 4 | 17.004 | 1141030 | 20.0 |
| Cyclopenta(def)... | 18.922 | 2.2 | ng/ul | 123439 | 4 | 17.004 | 1141030 | 20.0 |
| 11H-Benzo[a]flu... | 20.622 | 2.3 | ng/ul | 282035 | 5 | 21.133 | 2494260 | 20.0 |
| Tetradecanoic a... | 20.869 | 4.6 | ng/ul | 569050 | 5 | 21.133 | 2494260 | 20.0 |
| Nonadecane, 1-c... | 22.216 | 3.9 | ng/ul | 489307 | 5 | 21.133 | 2494260 | 20.0 |
| Oxirane, tridecyl- | 22.457 | 18.3 | ng/ul | 988459 | 6 | 23.427 | 1079090 | 20.0 |
| Benzo[e]pyrene | 23.227 | 9.8 | ng/ul | 530336 | 6 | 23.427 | 1079090 | 20.0 |
| Octacosanal | 23.674 | 5.7 | ng/ul | 306951 | 6 | 23.427 | 1079090 | 20.0 |
| (DEL) Alkane: S... | 24.033 | 9.8 | ng/ul | 529029 | 6 | 23.427 | 1079090 | 20.0 |