LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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: BP011502.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.075 | 11 | 15 | 25 | rVB | 30438 | 47525 | 0.34% | 0.076% |
| 2 | 3.487 | 82 | 85 | 99 | rBV | 167576 | 257078 | 1.86% | 0.413% |
| 3 | 3.693 | 115 | 120 | 129 | rVB2 | 35366 | 59052 | 0.43% | 0.095% |
| 4 | 3.787 | 129 | 136 | 149 | rVB | 111557 | 167933 | 1.22% | 0.270% |
| 5 | 4.011 | 168 | 174 | 180 | rBV | 40757 | 59968 | 0.43% | 0.096% |
| 6 | 5.211 | 373 | 378 | 387 | rBV | 32415 | 60328 | 0.44% | 0.097% |
| 7 | 5.575 | 434 | 440 | 446 | rVB2 | 45840 | 68205 | 0.49% | 0.110% |
| 8 | 6.740 | 632 | 638 | 650 | rVB | 450620 | 716662 | 5.19% | 1.151% |
| 9 | 6.905 | 659 | 666 | 679 | rVB | 348196 | 528453 | 3.83% | 0.849% |
| 10 | 7.087 | 691 | 697 | 707 | rVB | 475092 | 714118 | 5.18% | 1.147% |
| 11 | 7.175 | 707 | 712 | 714 | rVV | 47611 | 67256 | 0.49% | 0.108% |
| 12 | 7.199 | 714 | 716 | 722 | rVB | 35464 | 42161 | 0.31% | 0.068% |
| 13 | 7.552 | 766 | 776 | 786 | rBV | 514001 | 821409 | 5.95% | 1.320% |
| 14 | 8.275 | 893 | 899 | 909 | rBV | 473730 | 746635 | 5.41% | 1.200% |
| 15 | 8.716 | 967 | 974 | 980 | rVV | 434003 | 692596 | 5.02% | 1.113% |
| 16 | 8.775 | 980 | 984 | 993 | rVB | 64652 | 94464 | 0.68% | 0.152% |
| 17 | 9.434 | 1087 | 1096 | 1107 | rBV | 364059 | 608954 | 4.41% | 0.978% |
| 18 | 9.969 | 1176 | 1187 | 1197 | rBV | 507873 | 845039 | 6.12% | 1.358% |
| 19 | 10.340 | 1237 | 1250 | 1256 | rBV | 688565 | 1204011 | 8.73% | 1.935% |
| 20 | 10.393 | 1256 | 1259 | 1266 | rVB | 57050 | 87482 | 0.63% | 0.141% |
| 21 | 10.499 | 1270 | 1277 | 1285 | rBV | 286426 | 524638 | 3.80% | 0.843% |
| 22 | 11.375 | 1414 | 1426 | 1432 | rBV | 40173 | 79176 | 0.57% | 0.127% |
| 23 | 11.781 | 1489 | 1495 | 1503 | rBV | 84485 | 129467 | 0.94% | 0.208% |
| 24 | 12.022 | 1530 | 1536 | 1542 | rVB | 89870 | 152260 | 1.10% | 0.245% |
| 25 | 12.163 | 1554 | 1560 | 1567 | rBV2 | 17198 | 44852 | 0.33% | 0.072% |
| 26 | 12.240 | 1567 | 1573 | 1583 | rVB3 | 69998 | 119654 | 0.87% | 0.192% |
| 27 | 12.757 | 1656 | 1661 | 1665 | rVB | 32435 | 42546 | 0.31% | 0.068% |
| 28 | 12.910 | 1680 | 1687 | 1691 | rBV | 39962 | 55863 | 0.40% | 0.090% |
| 29 | 13.051 | 1706 | 1711 | 1716 | rBV | 113672 | 148083 | 1.07% | 0.238% |
| 30 | 13.387 | 1762 | 1768 | 1769 | rBV3 | 35785 | 56038 | 0.41% | 0.090% |
| 31 | 13.545 | 1789 | 1795 | 1800 | rBV | 56770 | 95970 | 0.70% | 0.154% |
| 32 | 13.598 | 1800 | 1804 | 1807 | rVV | 52586 | 74113 | 0.54% | 0.119% |
| 33 | 13.651 | 1807 | 1813 | 1819 | rVV | 859559 | 1133745 | 8.22% | 1.822% |
| 34 | 13.716 | 1819 | 1824 | 1828 | rVV3 | 59903 | 91961 | 0.67% | 0.148% |
| 35 | 13.781 | 1828 | 1835 | 1838 | rVV5 | 37809 | 77636 | 0.56% | 0.125% |
| 36 | 13.916 | 1852 | 1858 | 1872 | rBV | 911906 | 1428596 | 10.35% | 2.295% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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 | 14.140 | 1889 | 1896 | 1900 | rBV | 110310 | 143564 | 1.04% | 0.231% |
| 38 | 14.228 | 1904 | 1911 | 1917 | rBV | 922890 | 1315673 | 9.53% | 2.114% |
| 39 | 14.287 | 1917 | 1921 | 1925 | rBV2 | 33701 | 49083 | 0.36% | 0.079% |
| 40 | 14.457 | 1943 | 1950 | 1960 | rBV | 298050 | 511564 | 3.71% | 0.822% |
| 41 | 14.634 | 1975 | 1980 | 1984 | rBV | 49975 | 73171 | 0.53% | 0.118% |
| 42 | 14.710 | 1990 | 1993 | 1998 | rVB | 29611 | 38058 | 0.28% | 0.061% |
| 43 | 14.763 | 1998 | 2002 | 2010 | rVB5 | 27411 | 47709 | 0.35% | 0.077% |
| 44 | 14.857 | 2011 | 2018 | 2022 | rBV3 | 28082 | 57367 | 0.42% | 0.092% |
| 45 | 15.022 | 2040 | 2046 | 2049 | rBV4 | 31463 | 60926 | 0.44% | 0.098% |
| 46 | 15.098 | 2055 | 2059 | 2068 | rVB | 91055 | 116801 | 0.85% | 0.188% |
| 47 | 15.234 | 2076 | 2082 | 2087 | rBV | 1128651 | 1612183 | 11.68% | 2.590% |
| 48 | 15.281 | 2087 | 2090 | 2095 | rVB2 | 66595 | 96812 | 0.70% | 0.156% |
| 49 | 15.369 | 2099 | 2105 | 2111 | rBV | 336882 | 451669 | 3.27% | 0.726% |
| 50 | 15.510 | 2124 | 2129 | 2134 | rVB | 48144 | 78350 | 0.57% | 0.126% |
| 51 | 15.587 | 2138 | 2142 | 2151 | rVB | 35826 | 66444 | 0.48% | 0.107% |
| 52 | 15.734 | 2159 | 2167 | 2175 | rVV5 | 42745 | 102909 | 0.75% | 0.165% |
| 53 | 15.816 | 2177 | 2181 | 2188 | rVB5 | 19578 | 39801 | 0.29% | 0.064% |
| 54 | 15.975 | 2202 | 2208 | 2209 | rBV2 | 133560 | 177821 | 1.29% | 0.286% |
| 55 | 16.534 | 2299 | 2303 | 2307 | rBV3 | 34419 | 63205 | 0.46% | 0.102% |
| 56 | 16.657 | 2320 | 2324 | 2330 | rBV2 | 43376 | 72490 | 0.53% | 0.116% |
| 57 | 16.728 | 2332 | 2336 | 2340 | rBV2 | 29111 | 52982 | 0.38% | 0.085% |
| 58 | 16.775 | 2340 | 2344 | 2348 | rVV | 102628 | 132617 | 0.96% | 0.213% |
| 59 | 16.822 | 2348 | 2352 | 2360 | rVB3 | 62964 | 112836 | 0.82% | 0.181% |
| 60 | 16.998 | 2376 | 2382 | 2386 | rBV | 1083918 | 1528969 | 11.08% | 2.457% |
| 61 | 17.039 | 2386 | 2389 | 2394 | rVV | 694526 | 901126 | 6.53% | 1.448% |
| 62 | 17.098 | 2394 | 2399 | 2403 | rVV | 1381032 | 1876179 | 13.60% | 3.014% |
| 63 | 17.134 | 2403 | 2405 | 2411 | rVV | 173779 | 205942 | 1.49% | 0.331% |
| 64 | 17.198 | 2411 | 2416 | 2421 | rVB4 | 29597 | 56717 | 0.41% | 0.091% |
| 65 | 17.416 | 2449 | 2453 | 2463 | rVV | 86164 | 167229 | 1.21% | 0.269% |
| 66 | 17.522 | 2467 | 2471 | 2476 | rBV2 | 107349 | 134482 | 0.97% | 0.216% |
| 67 | 17.698 | 2497 | 2501 | 2505 | rBV | 130164 | 148967 | 1.08% | 0.239% |
| 68 | 17.804 | 2515 | 2519 | 2523 | rBV4 | 33941 | 52991 | 0.38% | 0.085% |
| 69 | 17.869 | 2525 | 2530 | 2535 | rVV3 | 218335 | 413887 | 3.00% | 0.665% |
| 70 | 17.922 | 2535 | 2539 | 2547 | rVV | 620097 | 909932 | 6.59% | 1.462% |
| 71 | 17.992 | 2547 | 2551 | 2558 | rVV2 | 117272 | 263946 | 1.91% | 0.424% |
| 72 | 18.063 | 2559 | 2563 | 2568 | rVV2 | 185041 | 354357 | 2.57% | 0.569% |
| 73 | 18.104 | 2568 | 2570 | 2576 | rVB | 100076 | 119827 | 0.87% | 0.193% |
| 74 | 18.204 | 2584 | 2587 | 2593 | rVB | 113004 | 138265 | 1.00% | 0.222% |
| 75 | 18.375 | 2612 | 2616 | 2619 | rBV | 89960 | 110074 | 0.80% | 0.177% |
| 76 | 18.416 | 2619 | 2623 | 2626 | rVB | 81641 | 101927 | 0.74% | 0.164% |

LSC Area Percent Report

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Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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 | 18.780 | 2681 | 2685 | 2689 | rBV2 | 93398 | 154031 | 1.12% | 0.247% |
| 78 | 18.822 | 2689 | 2692 | 2694 | rBV2 | 128414 | 153577 | 1.11% | 0.247% |
| 79 | 18.845 | 2694 | 2696 | 2699 | rVB2 | 142722 | 132331 | 0.96% | 0.213% |
| 80 | 18.916 | 2705 | 2708 | 2715 | rVB2 | 76796 | 147375 | 1.07% | 0.237% |
| 81 | 18.980 | 2716 | 2719 | 2722 | rBV | 91666 | 111467 | 0.81% | 0.179% |
| 82 | 19.033 | 2723 | 2728 | 2733 | rBV | 1567236 | 1971894 | 14.29% | 3.168% |
| 83 | 19.175 | 2748 | 2752 | 2757 | rBV2 | 216990 | 311256 | 2.26% | 0.500% |
| 84 | 19.363 | 2779 | 2784 | 2787 | rBV | 1859727 | 2643214 | 19.16% | 4.247% |
| 85 | 19.392 | 2787 | 2789 | 2798 | rVB | 1384174 | 1488908 | 10.79% | 2.392% |
| 86 | 19.916 | 2875 | 2878 | 2882 | rVB | 102070 | 105024 | 0.76% | 0.169% |
| 87 | 19.980 | 2886 | 2889 | 2892 | rVB | 125121 | 150471 | 1.09% | 0.242% |
| 88 | 20.869 | 3035 | 3040 | 3044 | rBV4 | 414405 | 770322 | 5.58% | 1.238% |
| 89 | 21.063 | 3068 | 3073 | 3078 | rBV | 13061130 | 13798806 | 100.00% | 22.171% |
| 90 | 21.127 | 3078 | 3084 | 3088 | rVV2 | 1666041 | 3027245 | 21.94% | 4.864% |
| 91 | 21.169 | 3088 | 3091 | 3100 | rVB | 710016 | 949363 | 6.88% | 1.525% |
| 92 | 21.733 | 3185 | 3187 | 3192 | rVB2 | 242501 | 273841 | 1.98% | 0.440% |
| 93 | 22.457 | 3306 | 3310 | 3319 | rVB2 | 494976 | 817627 | 5.93% | 1.314% |
| 94 | 22.739 | 3352 | 3358 | 3362 | rBV2 | 719062 | 1614624 | 11.70% | 2.594% |
| 95 | 22.816 | 3367 | 3371 | 3381 | rVB2 | 789921 | 1696156 | 12.29% | 2.725% |
| 96 | 22.998 | 3399 | 3402 | 3418 | rVB | 598781 | 1401742 | 10.16% | 2.252% |
| 97 | 23.280 | 3445 | 3450 | 3454 | rBV2 | 962481 | 1646468 | 11.93% | 2.645% |
| 98 | 23.327 | 3454 | 3458 | 3467 | rVB | 670717 | 1344740 | 9.75% | 2.161% |
| 99 | 23.427 | 3470 | 3475 | 3481 | rVB2 | 781359 | 1358828 | 9.85% | 2.183% |
| 100 | 24.345 | 3626 | 3631 | 3641 | rVB | 486463 | 1066425 | 7.73% | 1.713% |

Sum of corrected areas: 62238514

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
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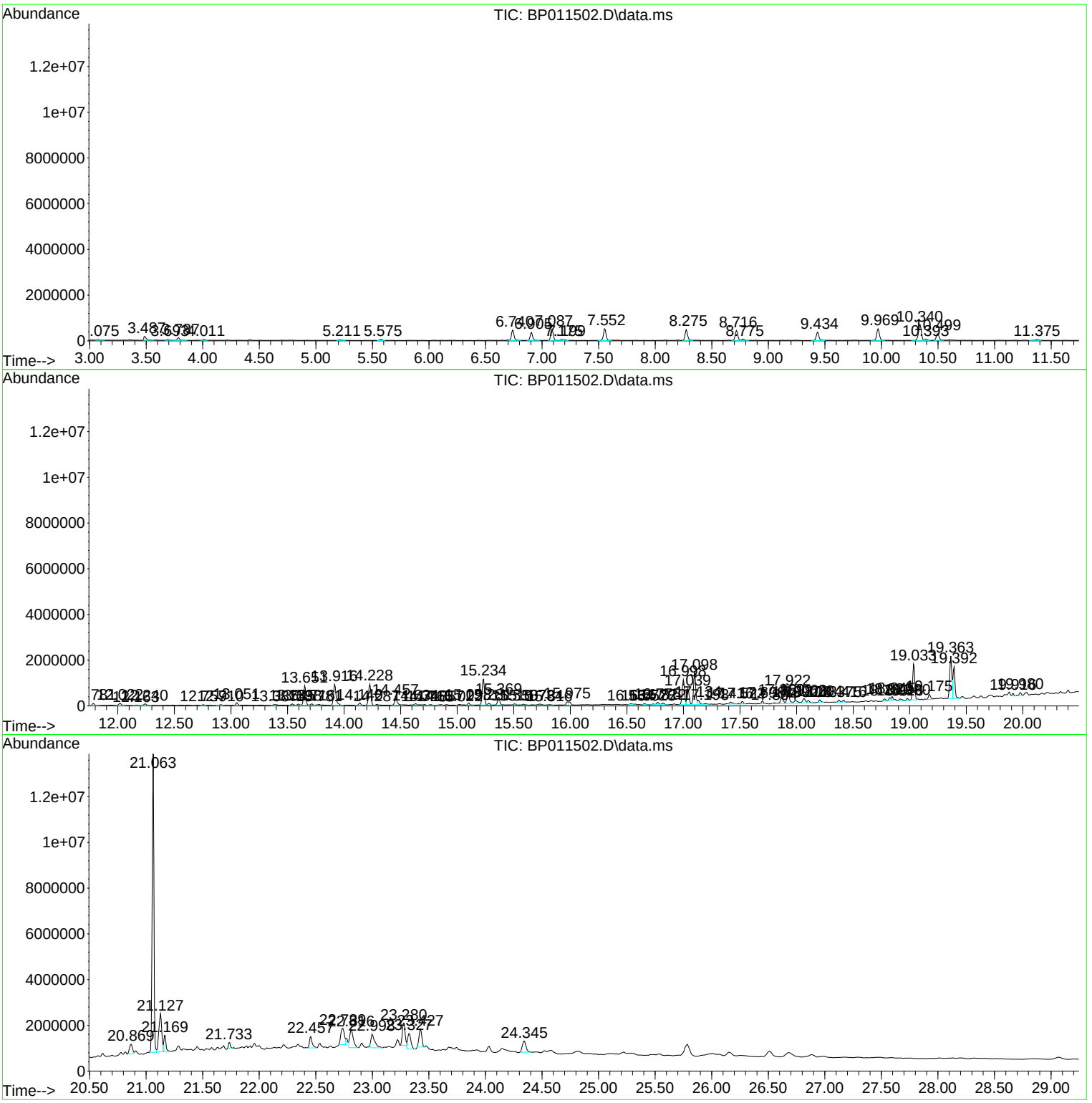
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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 : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

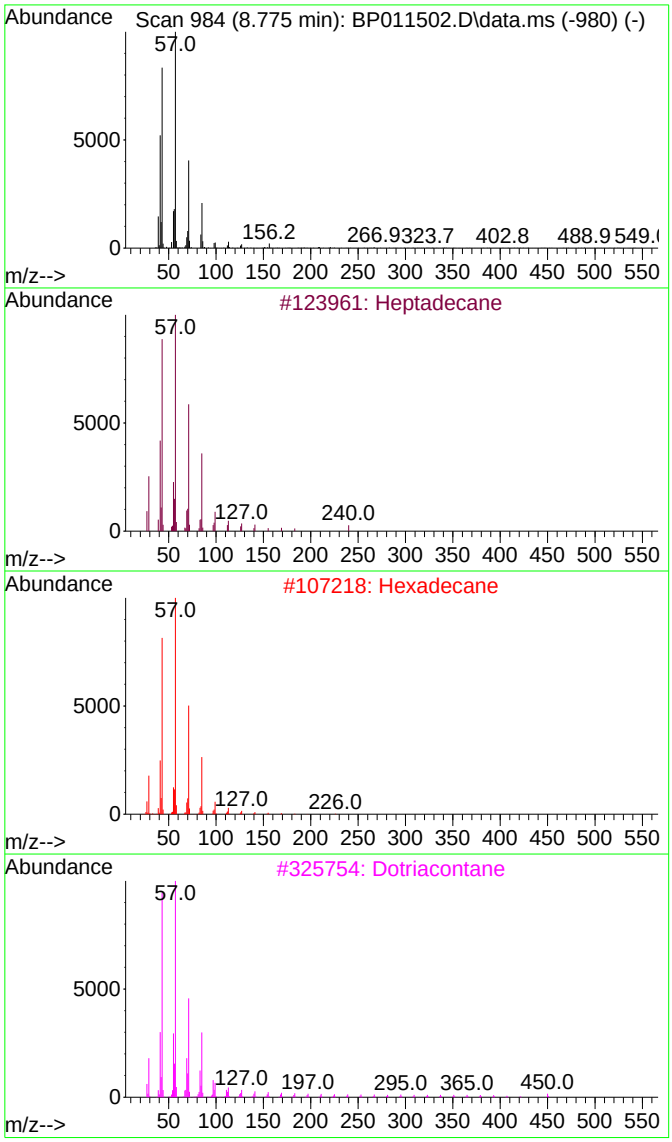
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

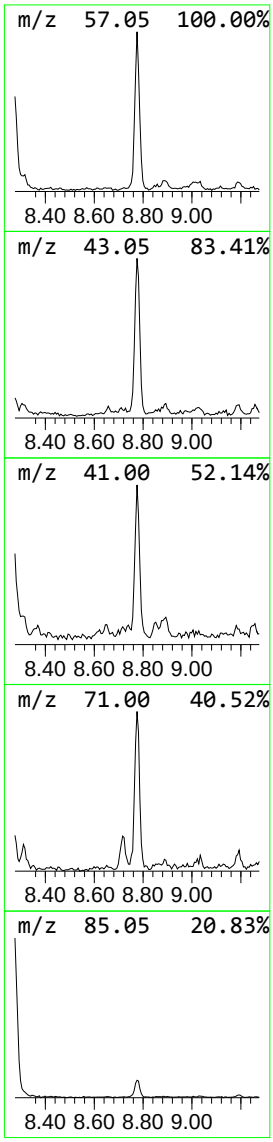
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.775 | 2.30 ng/ul | 94464 | 1,4-Dichlorobenzene-d4 | 7.552 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 3 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 83 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 83 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

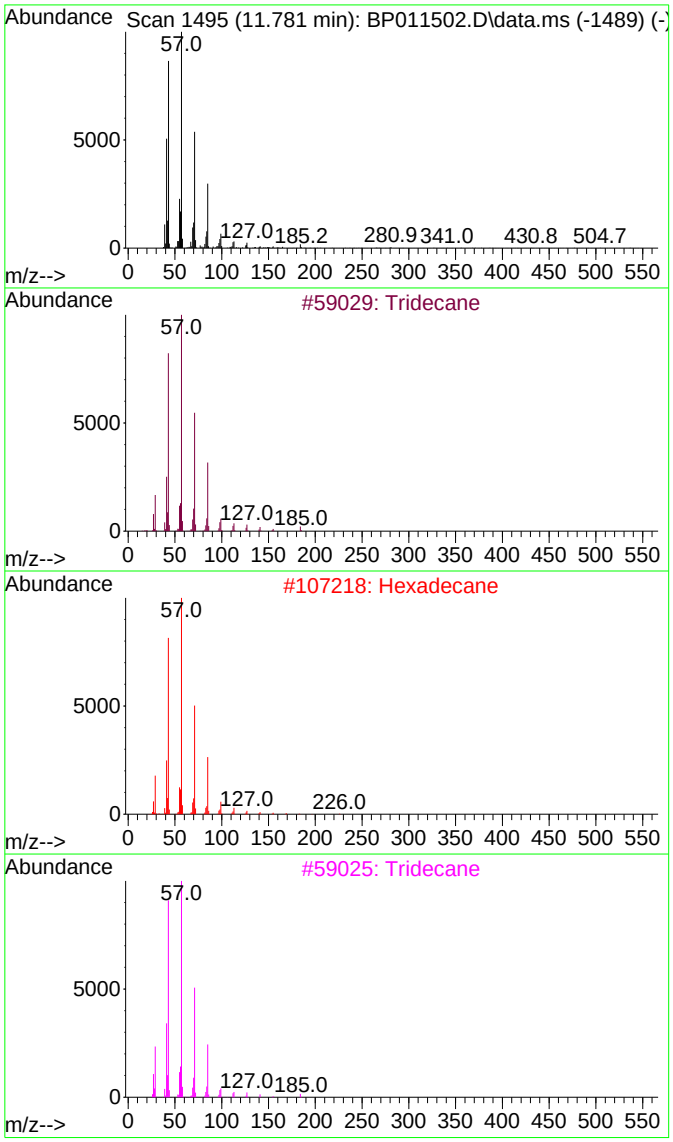
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

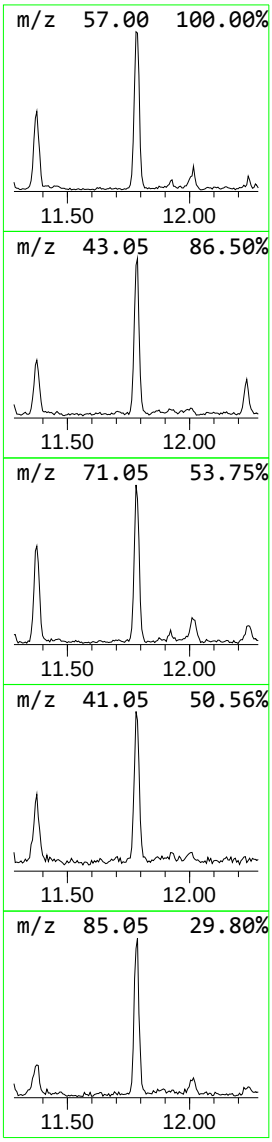
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.781 | 2.15 ng/ul | 129467 | Naphthalene-d8 | 10.340 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 93 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

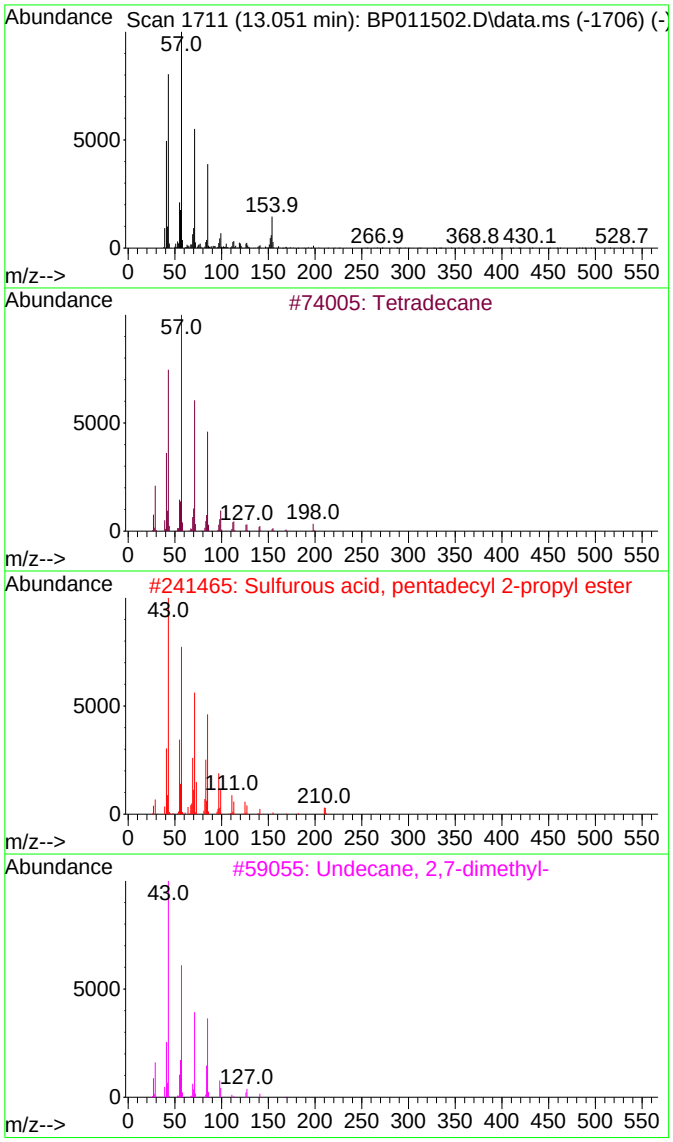
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

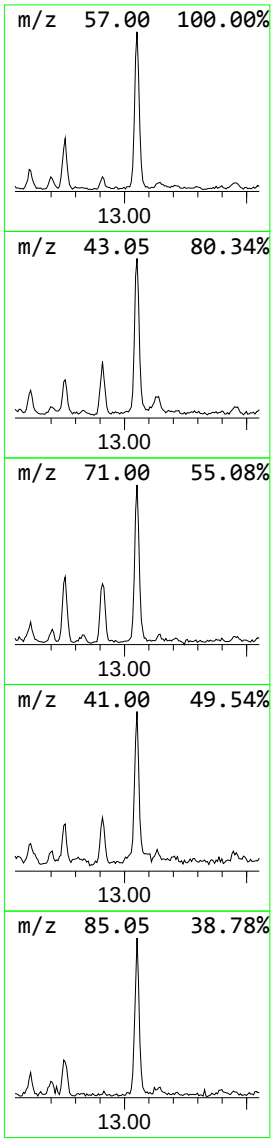
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.051 | 2.25 ng/ul | 148083 | Acenaphthene-d10 | 14.228 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 2 | Sulfurous acid, pentadecyl 2-pro... | 334 | C18H38O3S | 1000309-12-6 | 59 |
| 3 | Undecane, 2,7-dimethyl- | 184 | C13H28 | 017301-24-5 | 53 |
| 4 | Undecane, 5-methyl- | 170 | C12H26 | 001632-70-8 | 53 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

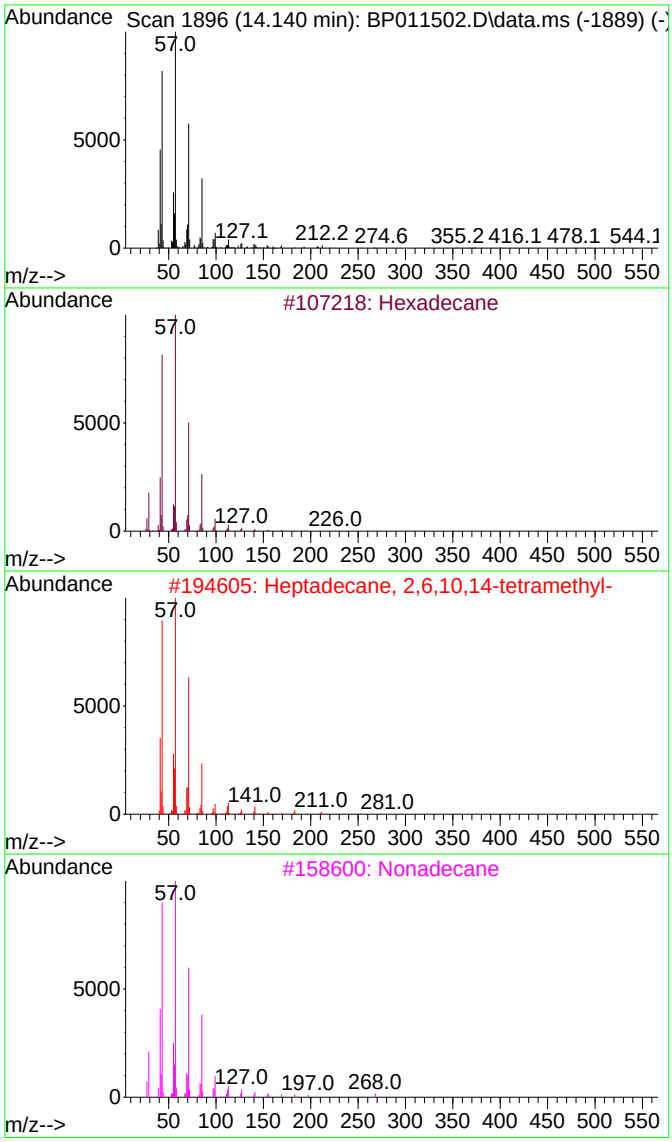
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

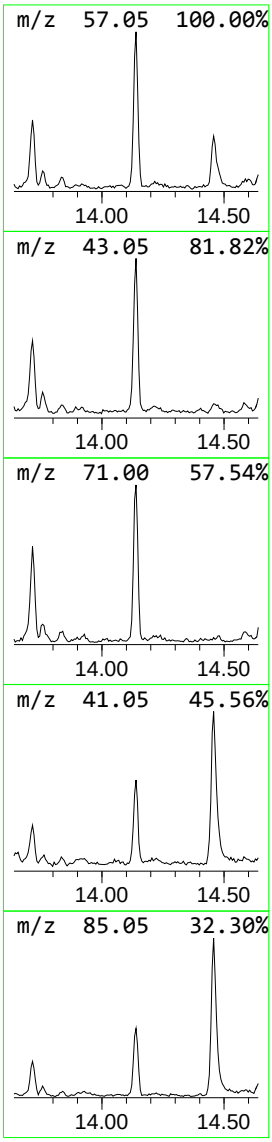
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.140 | 2.18 ng/ul | 143564 | Acenaphthene-d10 | 14.228 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 90 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

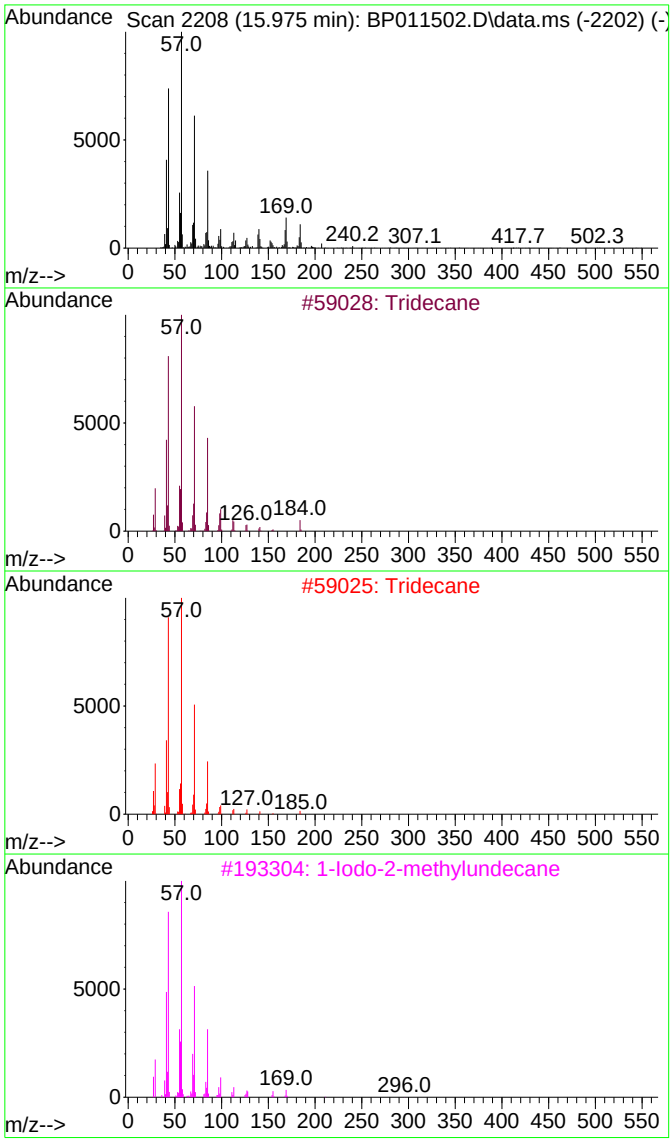
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

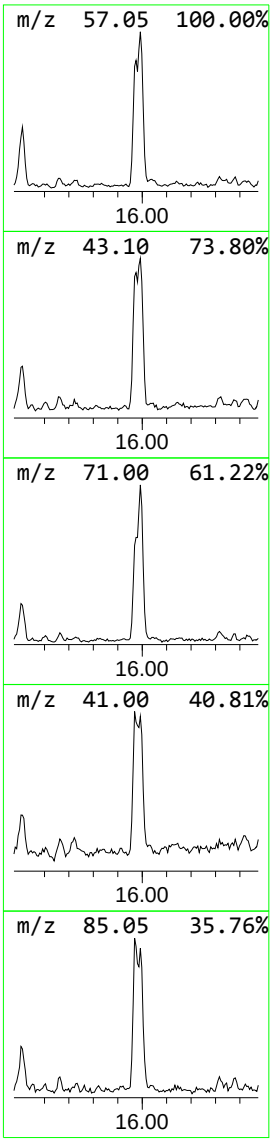
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.975 | 2.33 ng/ul | 177821 | Phenanthrene-d10 | 16.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 89 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 68 |
| 3 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 64 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 62 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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

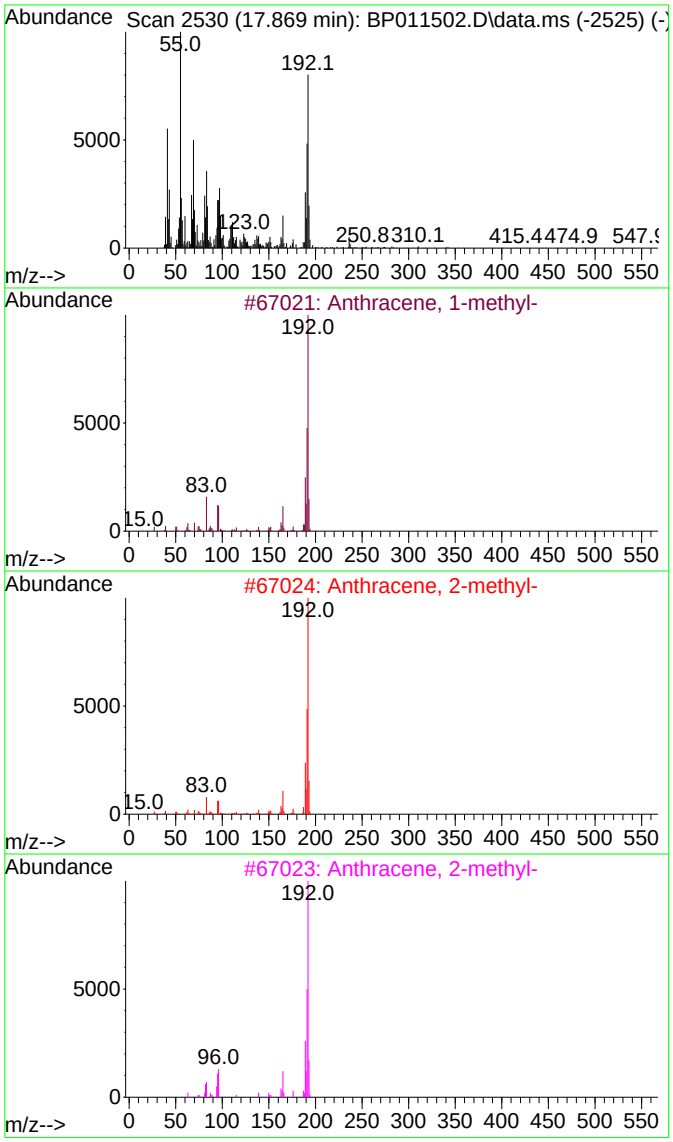
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

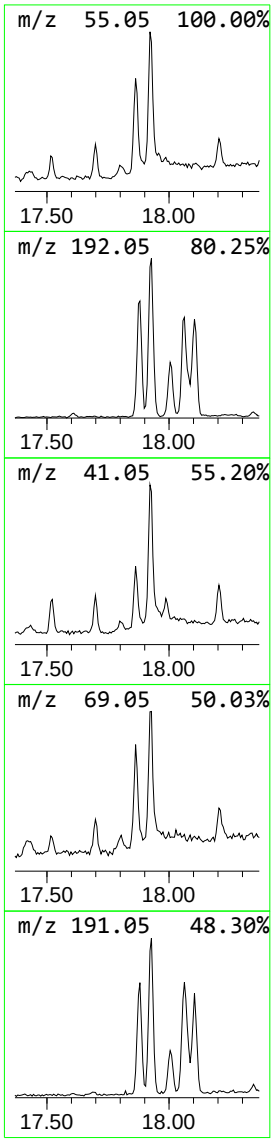
**********

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.869 | 5.41 ng/ul | 413887 | Phenanthrene-d10 | 16.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 92 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 92 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 91 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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

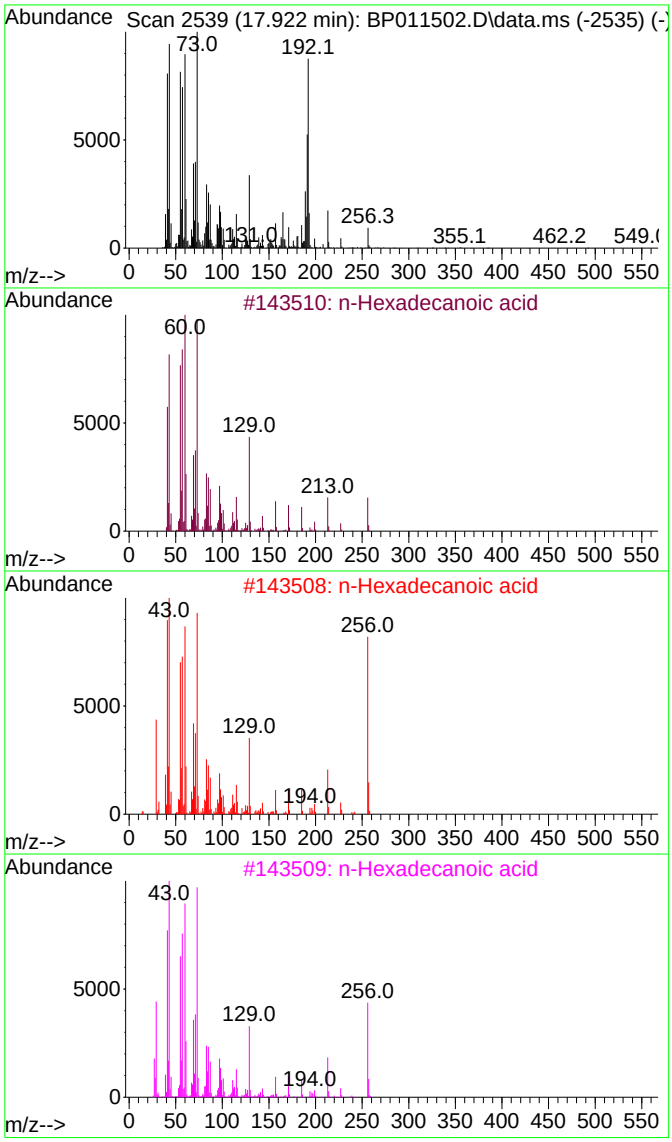
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

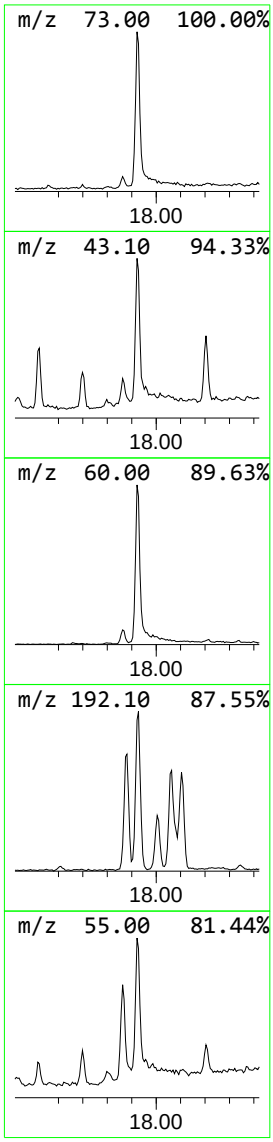
**********

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.922 | 11.90 ng/ul | 909932 | Phenanthrene-d10 | 16.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 91 |



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Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

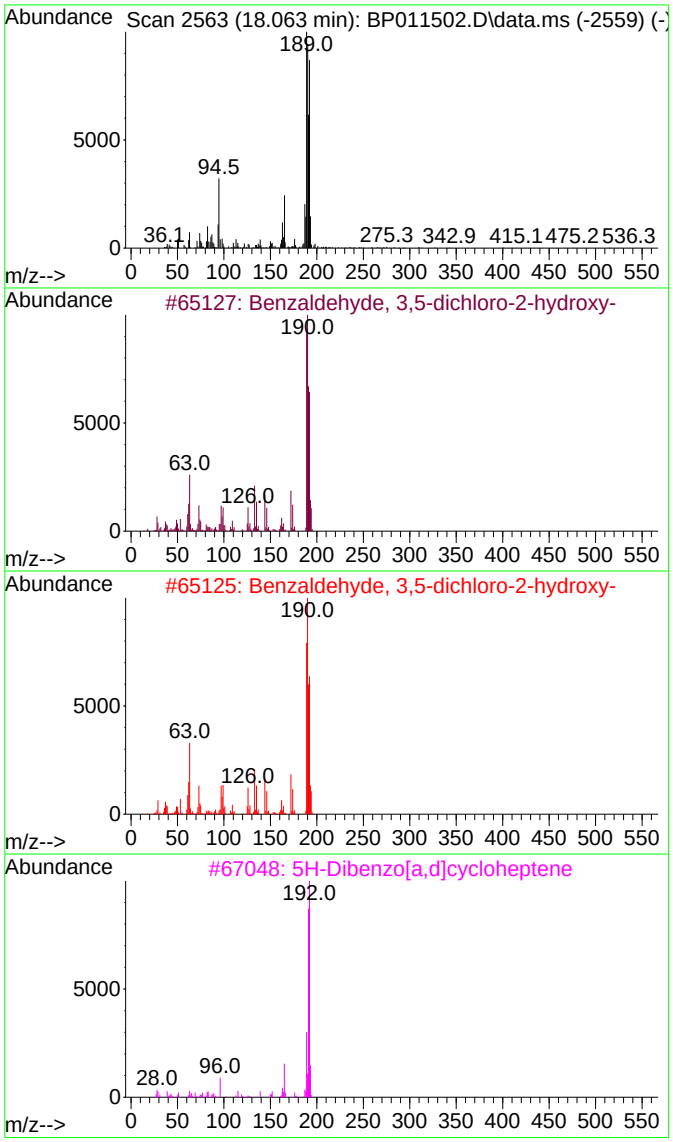
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

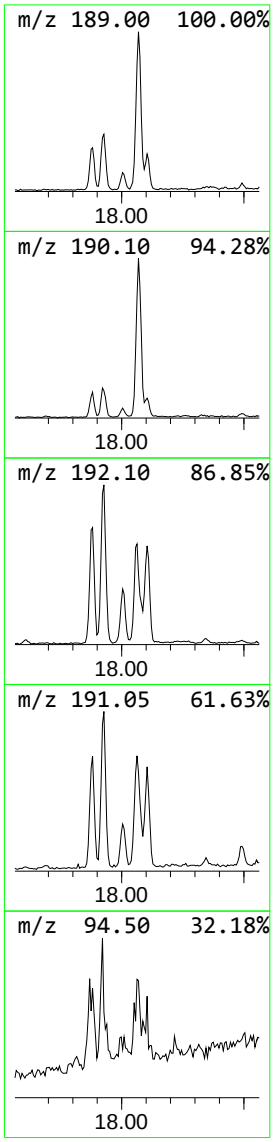
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.063 | 4.64 ng/ul | 354357 | Phenanthrene-d10 | 16.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 64 |
| 2 | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 64 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 55 |
| 4 | Naphtho[2,3-b]norbornadiene | 192 | C15H12 | 107426-38-0 | 46 |
| 5 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

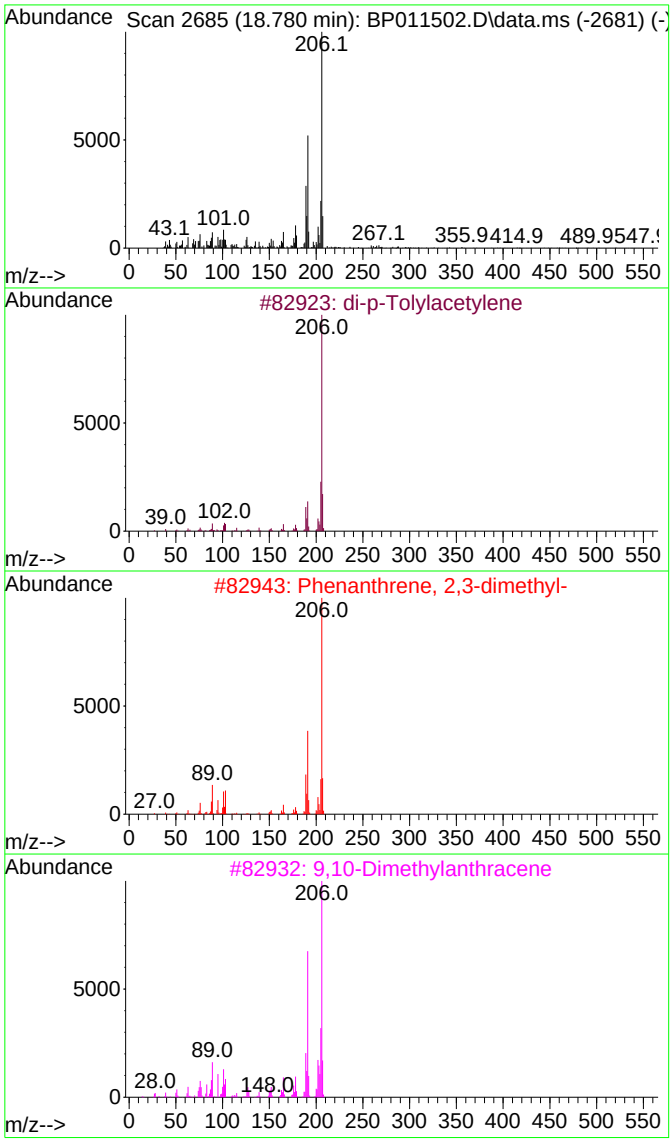
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

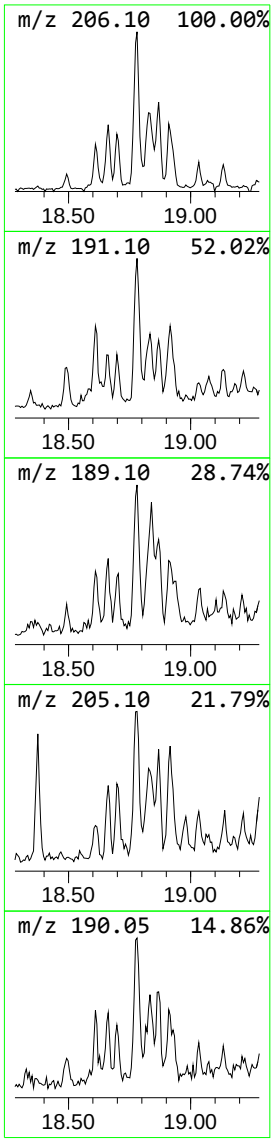
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 di-p-Tolylacetylene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.781 | 2.01 ng/ul | 154031 | Phenanthrene-d10 | 16.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 2 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 90 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 87 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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

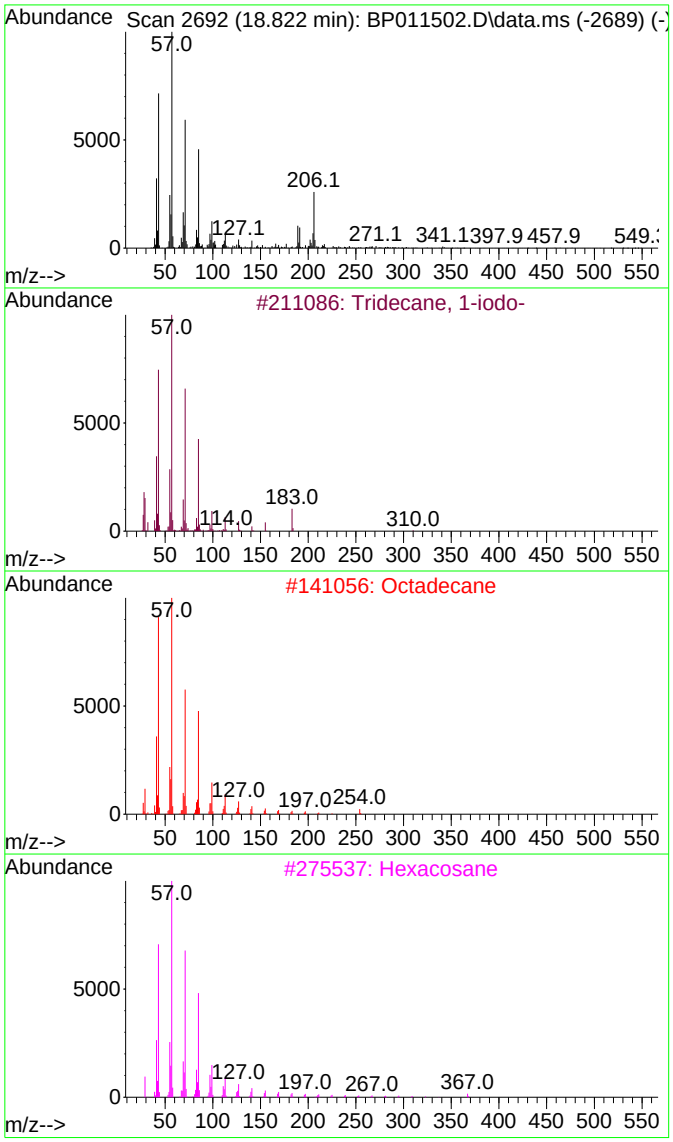
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

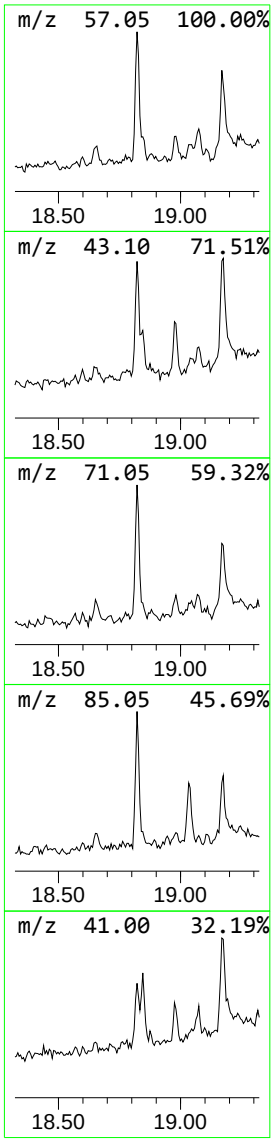
**********

Peak Number 11 Tridecane, 1-iodo- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.822 | 2.01 ng/ul | 153577 | Phenanthrene-d10 | 16.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 83 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 58 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 52 |
| 4 | Docosane, 1-iodo- | 436 | C22H45I | 1000406-31-9 | 52 |
| 5 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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

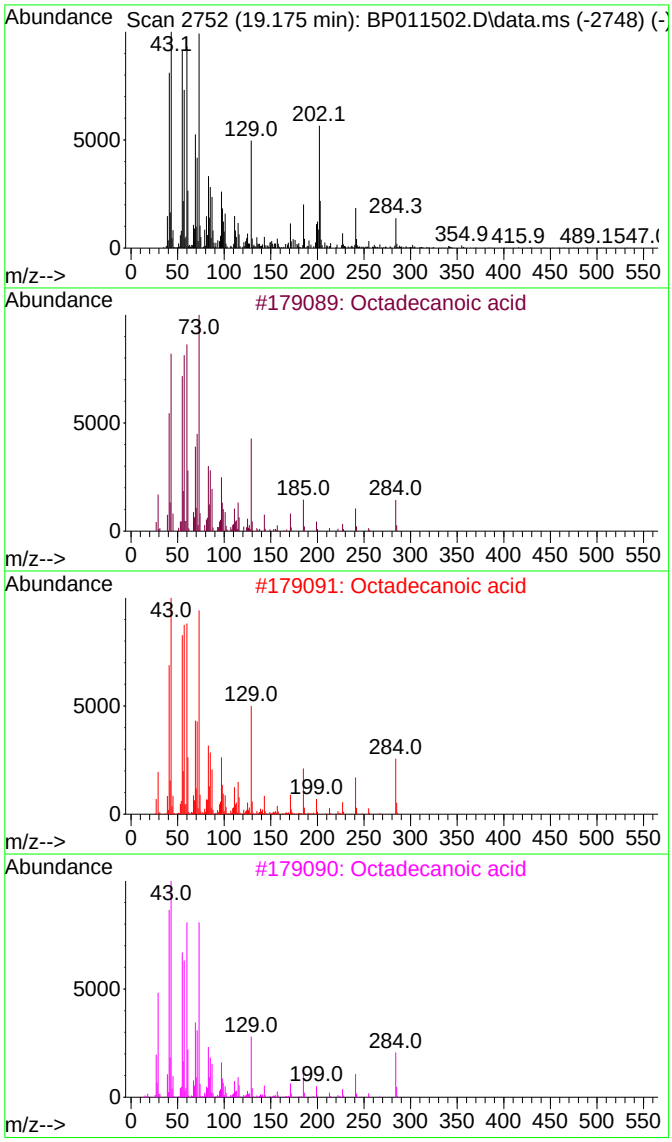
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

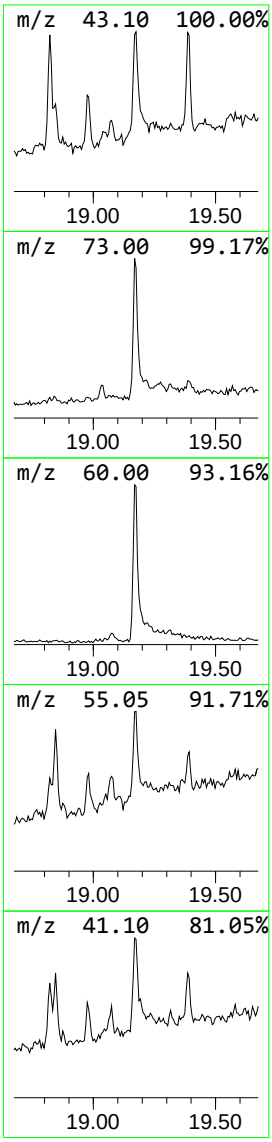
**********

Peak Number 12 Octadecanoic acid Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.175 | 2.06 ng/ul | 311256 | Chrysene-d12 | 21.127 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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

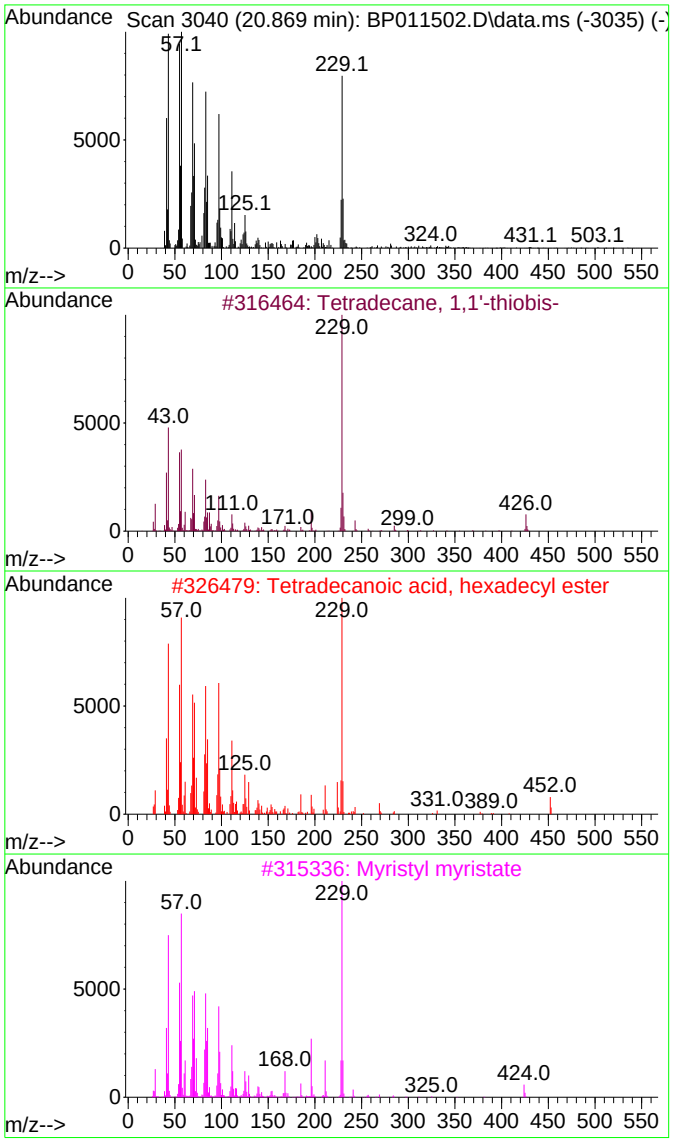
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

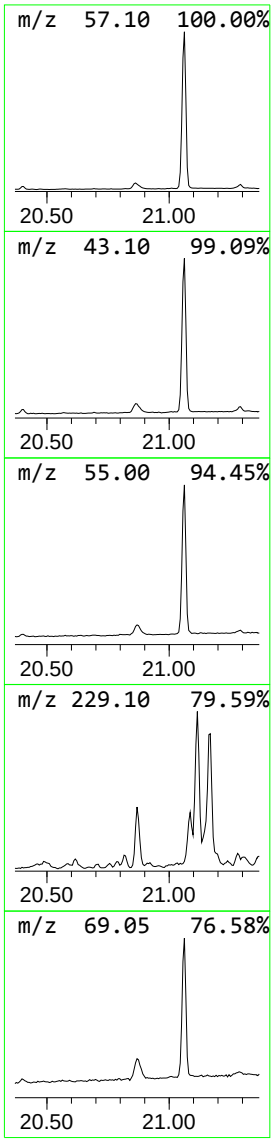
**********

Peak Number 13 Tetradecane, 1,1'-thiobis- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.869 | 5.09 ng/ul | 770322 | Chrysene-d12 | 21.127 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 1,1'-thiobis- | 426 | C28H58S | 035599-83-8 | 64 |
| 2 | Tetradecanoic acid, hexadecyl ester | 452 | C30H60O2 | 002599-01-1 | 52 |
| 3 | Myristyl myristate | 424 | C28H56O2 | 003234-85-3 | 43 |
| 4 | Tetradecanoic acid, hexadecyl ester | 452 | C30H60O2 | 002599-01-1 | 40 |
| 5 | Hexadecanoic acid, 2-hydroxy-, m... | 286 | C17H34O3 | 016742-51-1 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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

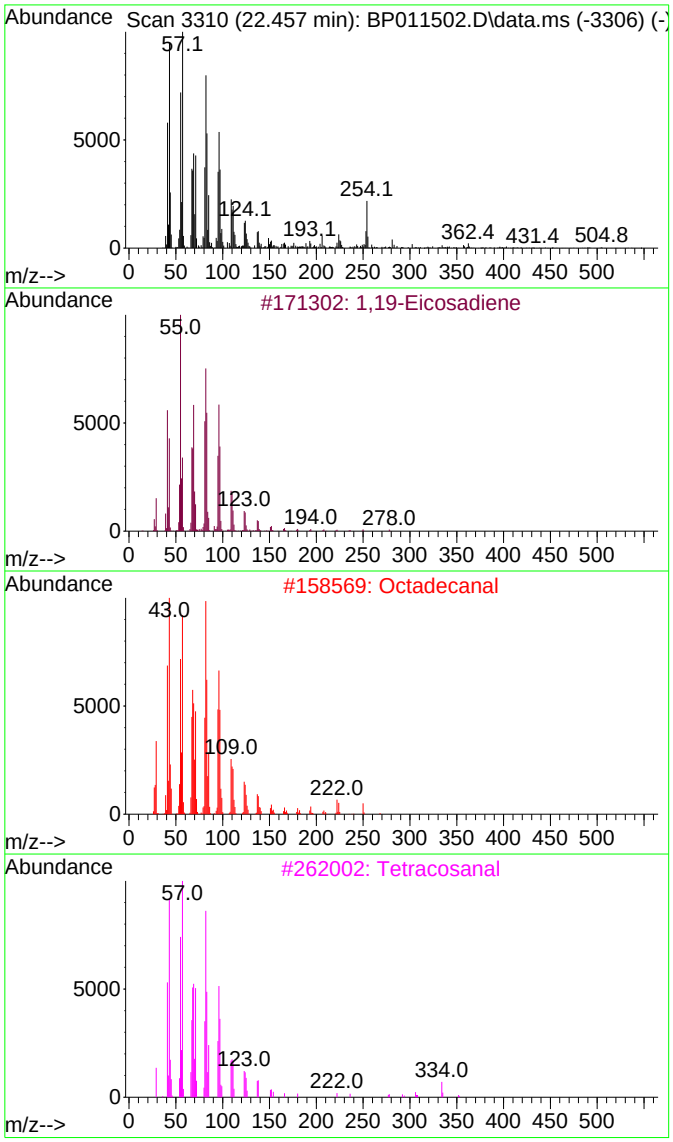
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

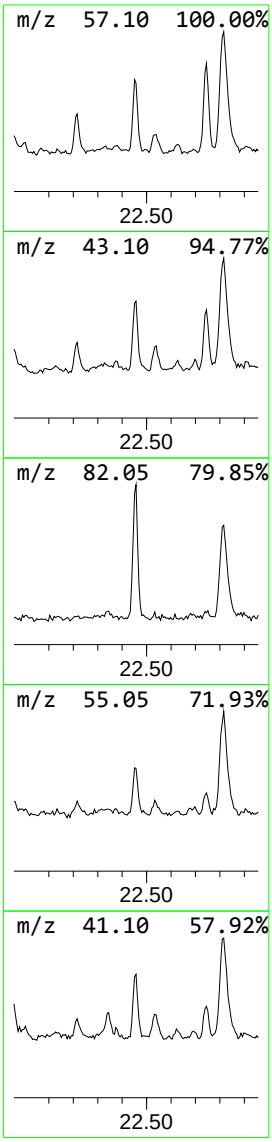
**********

Peak Number 14 1,19-Eicosadiene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.457 | 12.03 ng/ul | 817627 | Perylene-d12 | 23.427 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 94 |
| 2 | Octadecanal | 268 | C18H36O | 000638-66-4 | 90 |
| 3 | Tetracosanal | 352 | C24H48O | 057866-08-7 | 89 |
| 4 | Tetracosanal | 352 | C24H48O | 057866-08-7 | 87 |
| 5 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

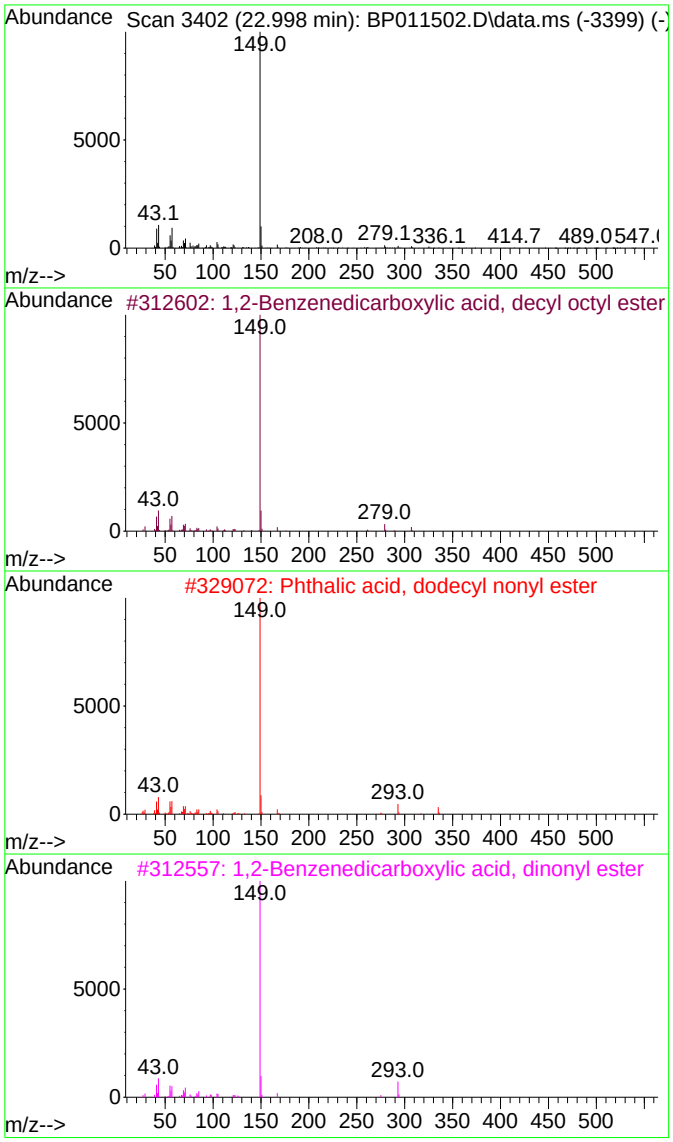
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

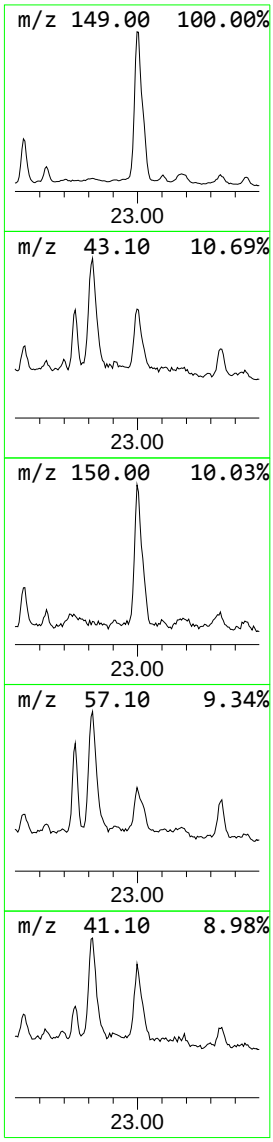
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 1,2-Benzenedicarboxylic aci... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.998 | 20.63 ng/ul | 1401740 | Perylene-d12 | 23.427 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzenedicarboxylic acid, de... | 418 | C26H42O4 | 000119-07-3 | 87 |
| 2 | Phthalic acid, dodecyl nonyl ester | 460 | C29H48O4 | 1000308-92-6 | 80 |
| 3 | 1,2-Benzenedicarboxylic acid, di... | 418 | C26H42O4 | 000084-76-4 | 80 |
| 4 | Di-n-octyl phthalate | 390 | C24H38O4 | 000117-84-0 | 80 |
| 5 | 1,2-Benzenedicarboxylic acid, di... | 362 | C22H34O4 | 003648-21-3 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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

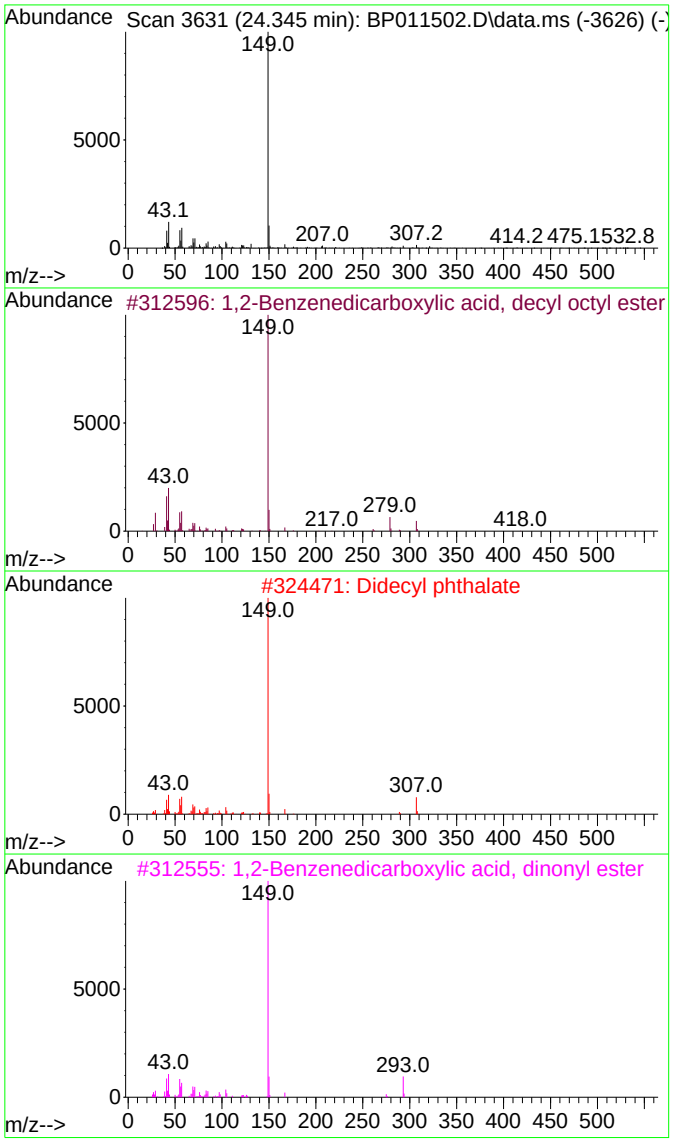
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

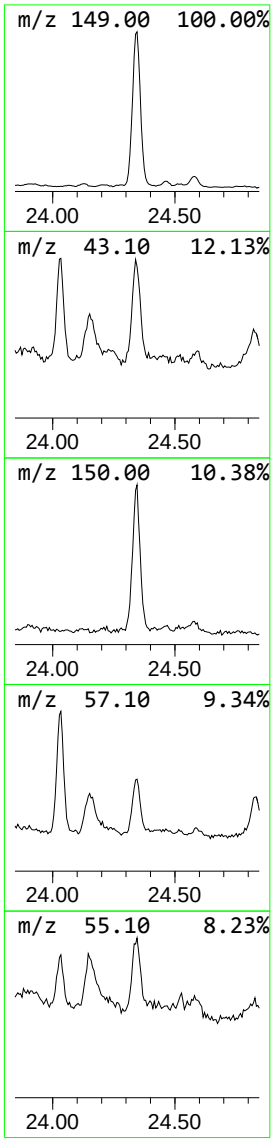
**********

Peak Number 16 Didecyl phthalate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.345 | 15.70 ng/ul | 1066430 | Perylene-d12 | 23.427 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzenedicarboxylic acid, de... | 418 | C26H42O4 | 000119-07-3 | 83 |
| 2 | Didecyl phthalate | 446 | C28H46O4 | 000084-77-5 | 83 |
| 3 | 1,2-Benzenedicarboxylic acid, di... | 418 | C26H42O4 | 000084-76-4 | 80 |
| 4 | Di-n-octyl phthalate | 390 | C24H38O4 | 000117-84-0 | 80 |
| 5 | 1,2-Benzenedicarboxylic acid, de... | 418 | C26H42O4 | 000119-07-3 | 80 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
Data File : BP011502.D
Acq On : 19 Aug 2022 11:15
Operator : CG/JU
Sample : N4210-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGC48

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 |
| (DEL) Alkane: S... | 8.775 | 2.3 | ng/ul | 94464 | 1 | 7.552 | 821409 | 20.0 |
| (DEL) Alkane: S... | 11.781 | 2.1 | ng/ul | 129467 | 2 | 10.340 | 1204010 | 20.0 |
| (DEL) Alkane: S... | 13.051 | 2.3 | ng/ul | 148083 | 3 | 14.228 | 1315670 | 20.0 |
| (DEL) Alkane: S... | 14.140 | 2.2 | ng/ul | 143564 | 3 | 14.228 | 1315670 | 20.0 |
| (DEL) Alkane: S... | 15.975 | 2.3 | ng/ul | 177821 | 4 | 16.998 | 1528970 | 20.0 |
| Anthracene, 1-m... | 17.869 | 5.4 | ng/ul | 413887 | 4 | 16.998 | 1528970 | 20.0 |
| n-Hexadecanoic ... | 17.922 | 11.9 | ng/ul | 909932 | 4 | 16.998 | 1528970 | 20.0 |
| Benzaldehyde, 3... | 18.063 | 4.6 | ng/ul | 354357 | 4 | 16.998 | 1528970 | 20.0 |
| di-p-Tolylacety... | 18.781 | 2.0 | ng/ul | 154031 | 4 | 16.998 | 1528970 | 20.0 |
| Tridecane, 1-iodo- | 18.822 | 2.0 | ng/ul | 153577 | 4 | 16.998 | 1528970 | 20.0 |
| Octadecanoic acid | 19.175 | 2.1 | ng/ul | 311256 | 5 | 21.127 | 3027250 | 20.0 |
| Tetradecane, 1,... | 20.869 | 5.1 | ng/ul | 770322 | 5 | 21.127 | 3027250 | 20.0 |
| 1,19-Eicosadiene | 22.457 | 12.0 | ng/ul | 817627 | 6 | 23.427 | 1358830 | 20.0 |
| 1,2-Benzenedica... | 22.998 | 20.6 | ng/ul | 1401740 | 6 | 23.427 | 1358830 | 20.0 |
| Didecyl phthalate | 24.345 | 15.7 | ng/ul | 1066430 | 6 | 23.427 | 1358830 | 20.0 |