LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

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_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057241.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.514 | 670 | 677 | 681 | rBV2 | 32932 | 63637 | 9.22% | 0.667% |
| 2 | 7.679 | 701 | 705 | 713 | rVB | 21568 | 35573 | 5.15% | 0.373% |
| 3 | 7.902 | 738 | 743 | 750 | rVB | 28264 | 46457 | 6.73% | 0.487% |
| 4 | 8.014 | 757 | 762 | 768 | rVB2 | 17029 | 26238 | 3.80% | 0.275% |
| 5 | 8.378 | 818 | 824 | 835 | rVV | 50571 | 88231 | 12.78% | 0.925% |
| 6 | 8.489 | 837 | 843 | 849 | rVV | 13372 | 19976 | 2.89% | 0.209% |
| 7 | 8.889 | 903 | 911 | 926 | rVB3 | 14376 | 36050 | 5.22% | 0.378% |
| 8 | 9.006 | 926 | 931 | 937 | rBV2 | 27044 | 39946 | 5.79% | 0.419% |
| 9 | 9.077 | 937 | 943 | 949 | rBV | 33141 | 57115 | 8.27% | 0.599% |
| 10 | 9.194 | 956 | 963 | 964 | rBV4 | 6716 | 11573 | 1.68% | 0.121% |
| 11 | 9.329 | 977 | 986 | 990 | rBV2 | 13506 | 22415 | 3.25% | 0.235% |
| 12 | 9.382 | 990 | 995 | 1000 | rVB2 | 11578 | 18637 | 2.70% | 0.195% |
| 13 | 9.482 | 1006 | 1012 | 1018 | rBV2 | 21038 | 32384 | 4.69% | 0.340% |
| 14 | 9.553 | 1018 | 1024 | 1034 | rVB3 | 28461 | 64815 | 9.39% | 0.680% |
| 15 | 9.823 | 1065 | 1070 | 1074 | rVV2 | 9196 | 14420 | 2.09% | 0.151% |
| 16 | 10.017 | 1096 | 1103 | 1107 | rBV | 23903 | 39926 | 5.78% | 0.419% |
| 17 | 10.075 | 1107 | 1113 | 1119 | rVB2 | 66664 | 110588 | 16.02% | 1.160% |
| 18 | 10.281 | 1142 | 1148 | 1158 | rBV3 | 28518 | 60540 | 8.77% | 0.635% |
| 19 | 10.375 | 1158 | 1164 | 1172 | rVV3 | 29773 | 64885 | 9.40% | 0.680% |
| 20 | 10.598 | 1197 | 1202 | 1207 | rVV2 | 28518 | 48985 | 7.09% | 0.514% |
| 21 | 10.657 | 1207 | 1212 | 1217 | rVB2 | 9405 | 15840 | 2.29% | 0.166% |
| 22 | 10.827 | 1235 | 1241 | 1247 | rVV | 38885 | 66027 | 9.56% | 0.692% |
| 23 | 10.892 | 1247 | 1252 | 1257 | rVB | 8469 | 13351 | 1.93% | 0.140% |
| 24 | 11.215 | 1298 | 1307 | 1312 | rVV | 75145 | 162035 | 23.47% | 1.699% |
| 25 | 11.262 | 1312 | 1315 | 1322 | rVB2 | 46106 | 75749 | 10.97% | 0.794% |
| 26 | 11.338 | 1322 | 1328 | 1334 | rBV2 | 12051 | 21930 | 3.18% | 0.230% |
| 27 | 11.409 | 1335 | 1340 | 1348 | rVB | 10632 | 15327 | 2.22% | 0.161% |
| 28 | 11.703 | 1382 | 1390 | 1395 | rBV2 | 50429 | 75136 | 10.88% | 0.788% |
| 29 | 12.502 | 1519 | 1526 | 1533 | rBV | 11971 | 18697 | 2.71% | 0.196% |
| 30 | 12.842 | 1578 | 1584 | 1589 | rBV | 16287 | 25073 | 3.63% | 0.263% |
| 31 | 13.054 | 1615 | 1620 | 1626 | rVB2 | 12627 | 20112 | 2.91% | 0.211% |
| 32 | 13.348 | 1665 | 1670 | 1677 | rVB2 | 35962 | 56239 | 8.15% | 0.590% |
| 33 | 13.923 | 1760 | 1768 | 1773 | rBV6 | 5703 | 12946 | 1.88% | 0.136% |
| 34 | 14.329 | 1828 | 1837 | 1841 | rBV2 | 76688 | 120403 | 17.44% | 1.263% |
| 35 | 14.370 | 1841 | 1844 | 1850 | rVB | 85565 | 120550 | 17.46% | 1.264% |
| 36 | 14.687 | 1889 | 1898 | 1906 | rBV | 93242 | 143525 | 20.79% | 1.505% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

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_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.904 | 1930 | 1935 | 1939 | rBV2 | 9150 | 13652 | 1.98% | 0.143% |
| 38 | 14.986 | 1944 | 1949 | 1954 | rVV | 132783 | 205956 | 29.83% | 2.160% |
| 39 | 15.045 | 1954 | 1959 | 1965 | rVV3 | 25897 | 55119 | 7.98% | 0.578% |
| 40 | 15.174 | 1976 | 1981 | 1992 | rVV2 | 24456 | 42985 | 6.23% | 0.451% |
| 41 | 15.298 | 1996 | 2002 | 2010 | rVB7 | 6313 | 13387 | 1.94% | 0.140% |
| 42 | 15.380 | 2010 | 2016 | 2023 | rBV | 19214 | 31899 | 4.62% | 0.334% |
| 43 | 15.738 | 2071 | 2077 | 2081 | rBV | 19419 | 26933 | 3.90% | 0.282% |
| 44 | 15.973 | 2111 | 2117 | 2122 | rVV | 125847 | 182315 | 26.41% | 1.912% |
| 45 | 16.026 | 2122 | 2126 | 2132 | rVB2 | 31861 | 51387 | 7.44% | 0.539% |
| 46 | 16.085 | 2132 | 2136 | 2142 | rBV | 31002 | 44522 | 6.45% | 0.467% |
| 47 | 16.320 | 2170 | 2176 | 2182 | rVB2 | 22556 | 34954 | 5.06% | 0.367% |
| 48 | 16.467 | 2195 | 2201 | 2209 | rBV3 | 5699 | 12939 | 1.87% | 0.136% |
| 49 | 16.667 | 2226 | 2235 | 2238 | rBV3 | 4866 | 12032 | 1.74% | 0.126% |
| 50 | 17.025 | 2285 | 2296 | 2302 | rBV5 | 6926 | 15412 | 2.23% | 0.162% |
| 51 | 17.377 | 2351 | 2356 | 2360 | rVV2 | 11839 | 18374 | 2.66% | 0.193% |
| 52 | 17.454 | 2362 | 2369 | 2381 | rVV | 149887 | 220475 | 31.93% | 2.312% |
| 53 | 17.548 | 2381 | 2385 | 2390 | rVV | 12070 | 18518 | 2.68% | 0.194% |
| 54 | 17.730 | 2409 | 2416 | 2419 | rBV | 170185 | 271183 | 39.28% | 2.844% |
| 55 | 17.771 | 2419 | 2423 | 2428 | rVV | 316211 | 463472 | 67.13% | 4.860% |
| 56 | 17.824 | 2428 | 2432 | 2436 | rVV2 | 138545 | 214468 | 31.06% | 2.249% |
| 57 | 17.859 | 2436 | 2438 | 2444 | rVV | 75882 | 97952 | 14.19% | 1.027% |
| 58 | 17.918 | 2444 | 2448 | 2452 | rVV | 18457 | 25384 | 3.68% | 0.266% |
| 59 | 18.123 | 2476 | 2483 | 2488 | rBV2 | 34913 | 60466 | 8.76% | 0.634% |
| 60 | 18.270 | 2504 | 2508 | 2512 | rVB3 | 25237 | 31632 | 4.58% | 0.332% |
| 61 | 18.311 | 2512 | 2515 | 2523 | rVB5 | 6870 | 14968 | 2.17% | 0.157% |
| 62 | 18.382 | 2523 | 2527 | 2534 | rBV3 | 9500 | 14775 | 2.14% | 0.155% |
| 63 | 18.570 | 2554 | 2559 | 2561 | rBV3 | 24576 | 36343 | 5.26% | 0.381% |
| 64 | 18.593 | 2561 | 2563 | 2567 | rVB | 24258 | 26776 | 3.88% | 0.281% |
| 65 | 18.640 | 2567 | 2571 | 2578 | rVB | 38001 | 54424 | 7.88% | 0.571% |
| 66 | 18.723 | 2580 | 2585 | 2589 | rVB2 | 15224 | 22095 | 3.20% | 0.232% |
| 67 | 18.793 | 2589 | 2597 | 2600 | rBV3 | 71490 | 118804 | 17.21% | 1.246% |
| 68 | 19.075 | 2640 | 2645 | 2650 | rBV2 | 45520 | 65772 | 9.53% | 0.690% |
| 69 | 19.128 | 2650 | 2654 | 2660 | rVV3 | 25357 | 46978 | 6.80% | 0.493% |
| 70 | 19.198 | 2663 | 2666 | 2670 | rVB2 | 9597 | 12340 | 1.79% | 0.129% |
| 71 | 19.322 | 2680 | 2687 | 2691 | rBV9 | 7589 | 13190 | 1.91% | 0.138% |
| 72 | 19.486 | 2710 | 2715 | 2718 | rBV4 | 10115 | 16918 | 2.45% | 0.177% |
| 73 | 19.563 | 2724 | 2728 | 2733 | rVB5 | 8584 | 14018 | 2.03% | 0.147% |
| 74 | 19.704 | 2748 | 2752 | 2755 | rBV5 | 19052 | 28178 | 4.08% | 0.295% |
| 75 | 19.757 | 2755 | 2761 | 2767 | rVB | 461919 | 690448 | 100.00% | 7.240% |
| 76 | 20.091 | 2811 | 2818 | 2820 | rBV2 | 227117 | 379962 | 55.03% | 3.984% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

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_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 20.121 | 2820 | 2823 | 2829 | rVV | 409093 | 557951 | 80.81% | 5.851% |
| 78 | 20.179 | 2829 | 2833 | 2839 | rVB | 17449 | 27349 | 3.96% | 0.287% |
| 79 | 20.285 | 2848 | 2851 | 2855 | rVB | 21987 | 27472 | 3.98% | 0.288% |
| 80 | 20.356 | 2859 | 2863 | 2868 | rBV | 23517 | 34774 | 5.04% | 0.365% |
| 81 | 20.426 | 2871 | 2875 | 2881 | rVV3 | 19302 | 42654 | 6.18% | 0.447% |
| 82 | 20.597 | 2901 | 2904 | 2911 | rVB | 55244 | 80671 | 11.68% | 0.846% |
| 83 | 20.696 | 2917 | 2921 | 2925 | rBV2 | 44475 | 63638 | 9.22% | 0.667% |
| 84 | 20.790 | 2935 | 2937 | 2941 | rVB | 12622 | 14899 | 2.16% | 0.156% |
| 85 | 20.902 | 2952 | 2956 | 2959 | rBV2 | 18817 | 25933 | 3.76% | 0.272% |
| 86 | 21.020 | 2972 | 2976 | 2981 | rBV | 318189 | 388891 | 56.32% | 4.078% |
| 87 | 21.390 | 3036 | 3039 | 3043 | rVB | 23447 | 31921 | 4.62% | 0.335% |
| 88 | 21.589 | 3070 | 3073 | 3077 | rBV2 | 24970 | 33376 | 4.83% | 0.350% |
| 89 | 21.689 | 3085 | 3090 | 3094 | rBV2 | 37087 | 62406 | 9.04% | 0.654% |
| 90 | 21.860 | 3116 | 3119 | 3127 | rBV2 | 20694 | 36742 | 5.32% | 0.385% |
| 91 | 22.024 | 3140 | 3147 | 3154 | rBV4 | 235314 | 660550 | 95.67% | 6.926% |
| 92 | 22.089 | 3154 | 3158 | 3170 | rVB | 167477 | 295038 | 42.73% | 3.094% |
| 93 | 22.253 | 3181 | 3186 | 3192 | rVB2 | 37921 | 68378 | 9.90% | 0.717% |
| 94 | 22.476 | 3219 | 3224 | 3230 | rVB2 | 28792 | 55597 | 8.05% | 0.583% |
| 95 | 23.569 | 3404 | 3410 | 3417 | rBV6 | 45800 | 91829 | 13.30% | 0.963% |
| 96 | 24.427 | 3548 | 3556 | 3564 | rBV | 123887 | 435455 | 63.07% | 4.566% |
| 97 | 25.220 | 3684 | 3691 | 3698 | rBV2 | 63209 | 182182 | 26.39% | 1.910% |
| 98 | 25.302 | 3700 | 3705 | 3711 | rVV2 | 73604 | 197101 | 28.55% | 2.067% |
| 99 | 25.384 | 3712 | 3719 | 3729 | rVB | 106398 | 307444 | 44.53% | 3.224% |
| 100 | 25.543 | 3739 | 3746 | 3755 | rBV2 | 80744 | 227577 | 32.96% | 2.386% |

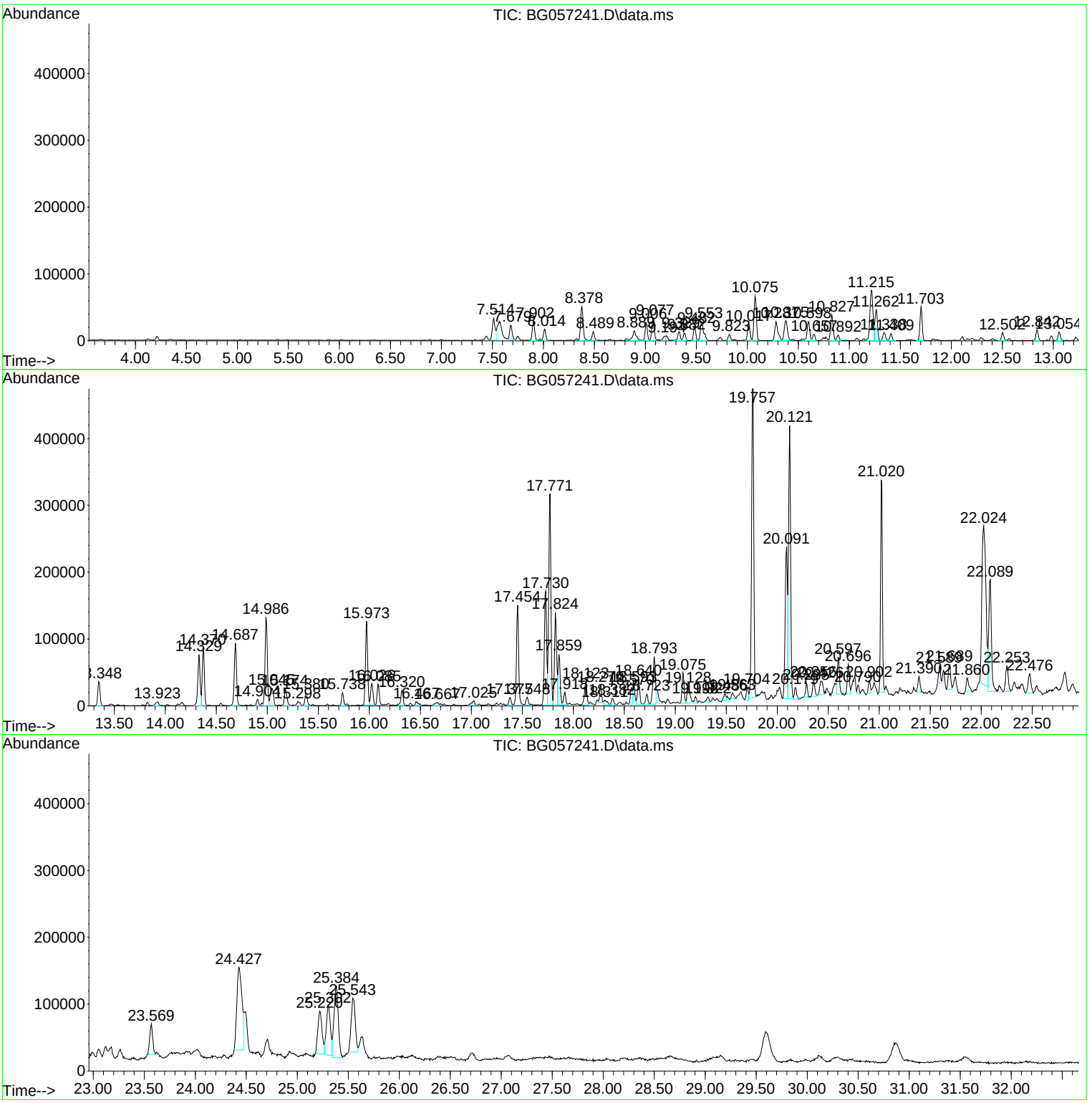
Sum of corrected areas: 9536564

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

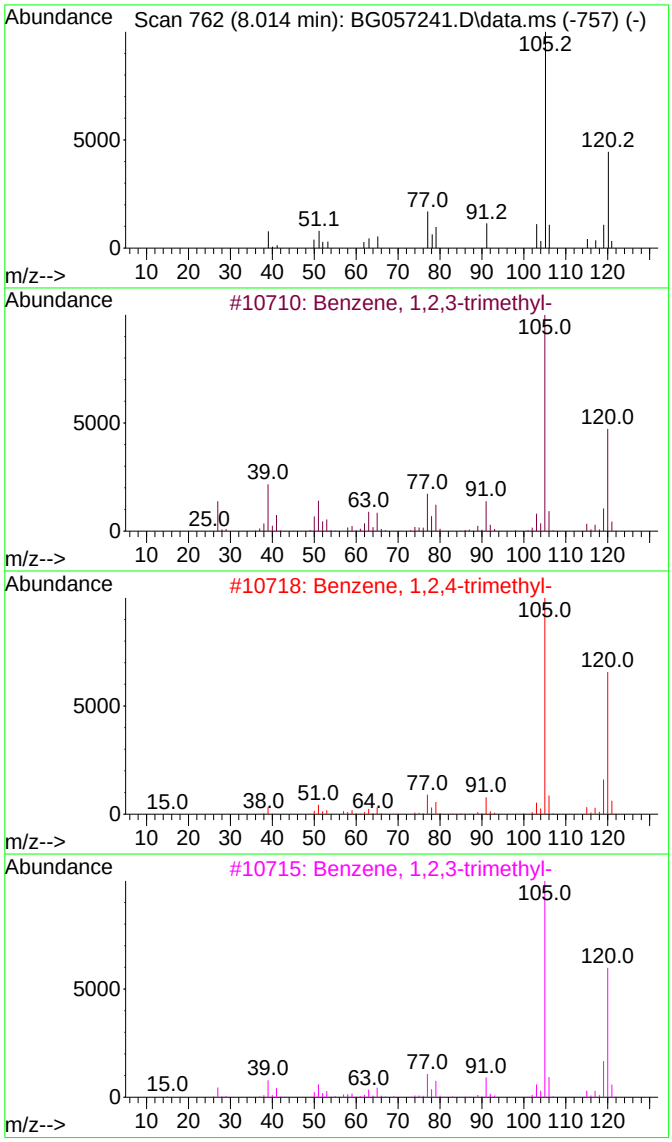
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

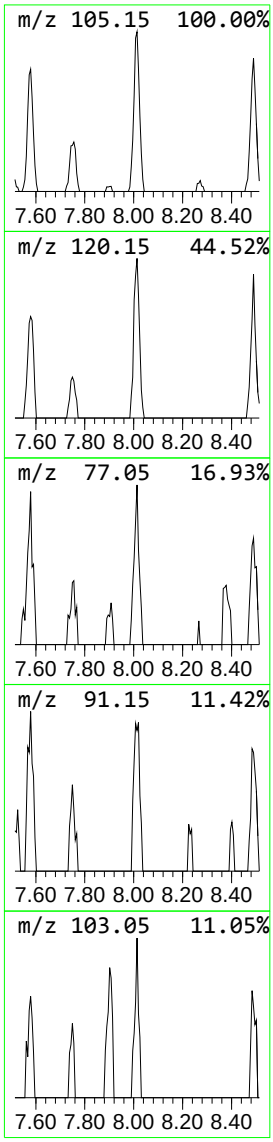
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.014 | 5.95 ng/ul | 26238 | 1,4-Dichlorobenzene-d4 | 8.378 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

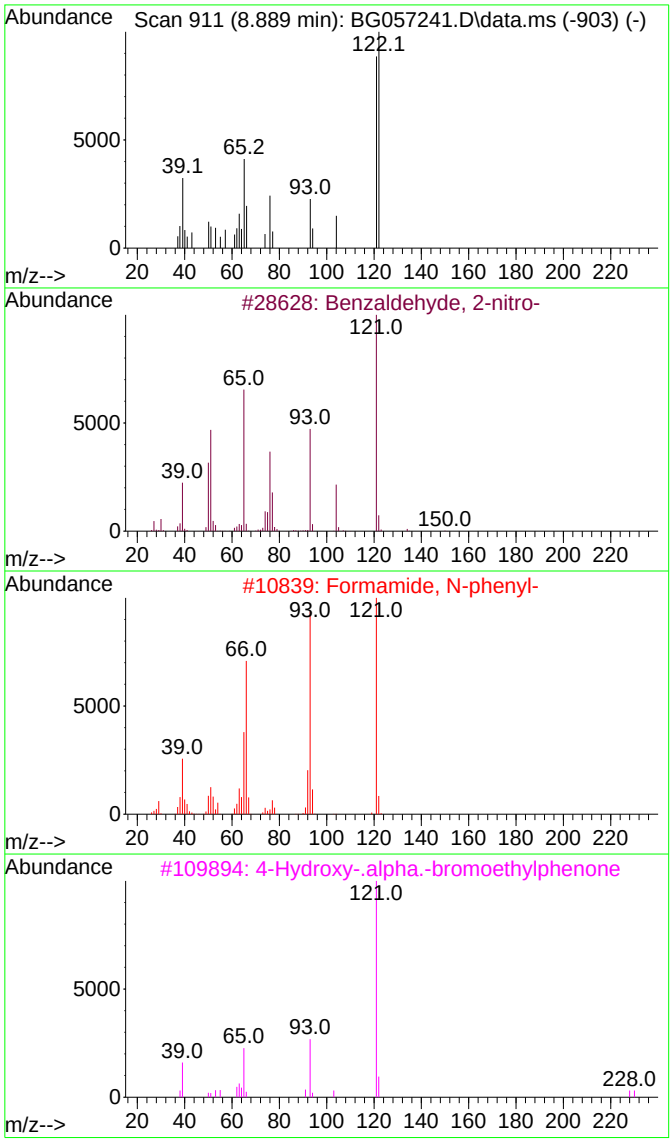
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

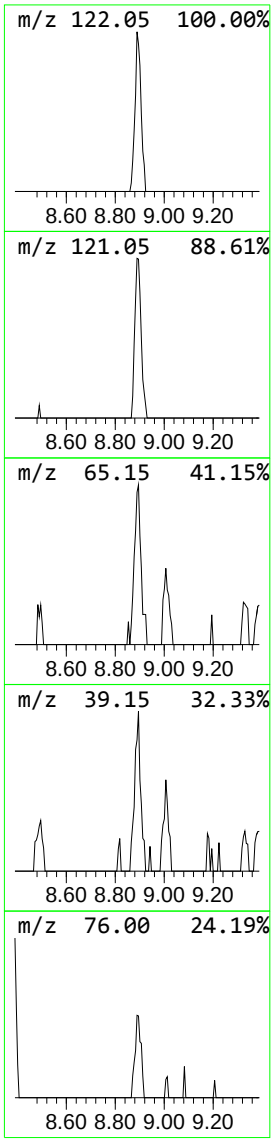
**********

Peak Number 3 unknown-01 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.889 | 8.17 ng/ul | 36050 | 1,4-Dichlorobenzene-d4 | 8.378 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 2-nitro- | 151 | C7H5NO3 | 000552-89-6 | 37 |
| 2 | Formamide, N-phenyl- | 121 | C7H7NO | 000103-70-8 | 23 |
| 3 | 4-Hydroxy-.alpha.-bromoethylphenone | 228 | C9H9BrO2 | 053946-87-5 | 17 |
| 4 | Benzaldehyde, 2-nitro- | 151 | C7H5NO3 | 000552-89-6 | 10 |
| 5 | 2,4,6-Cycloheptatrien-1-one, 2-a... | 121 | C7H7NO | 006264-93-3 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

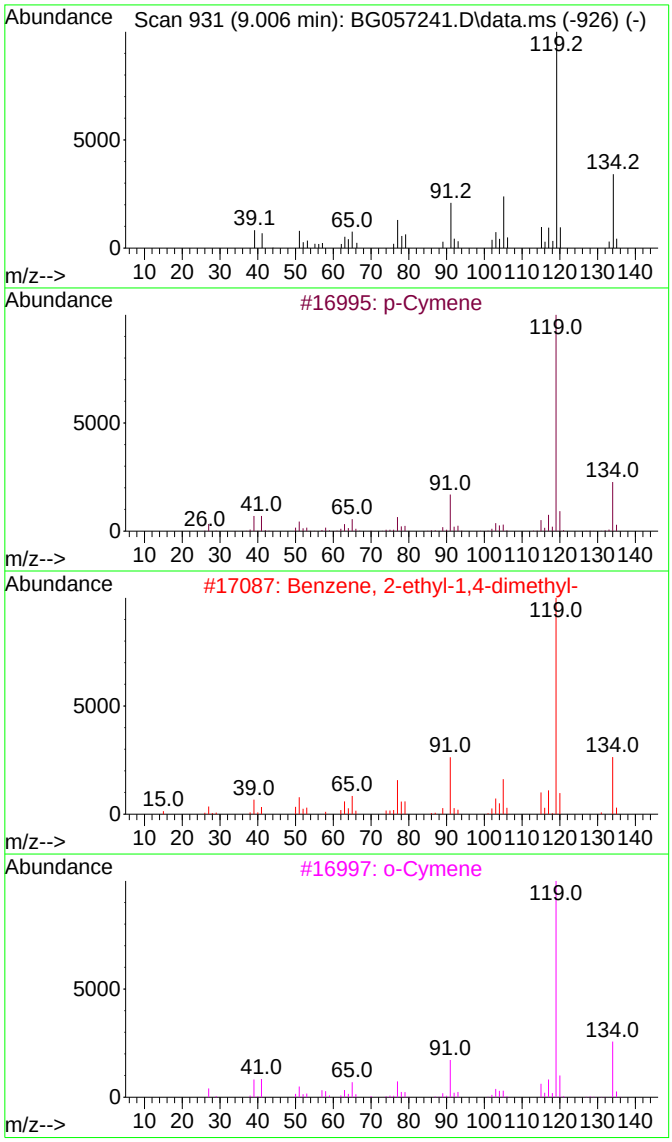
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

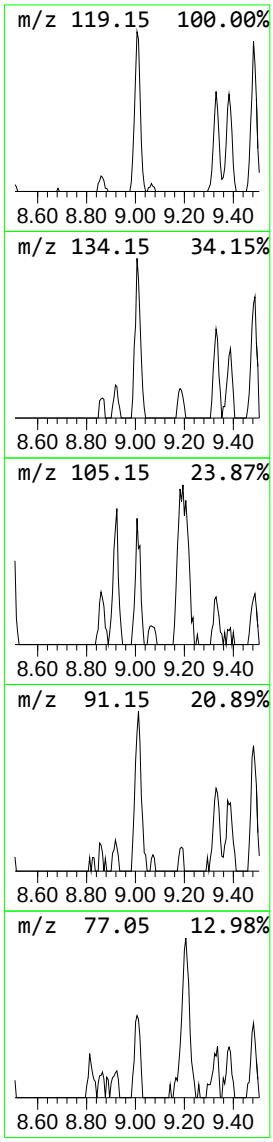
**********

Peak Number 4 p-Cymene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.006 | 9.05 ng/ul | 39946 | 1,4-Dichlorobenzene-d4 | 8.378 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

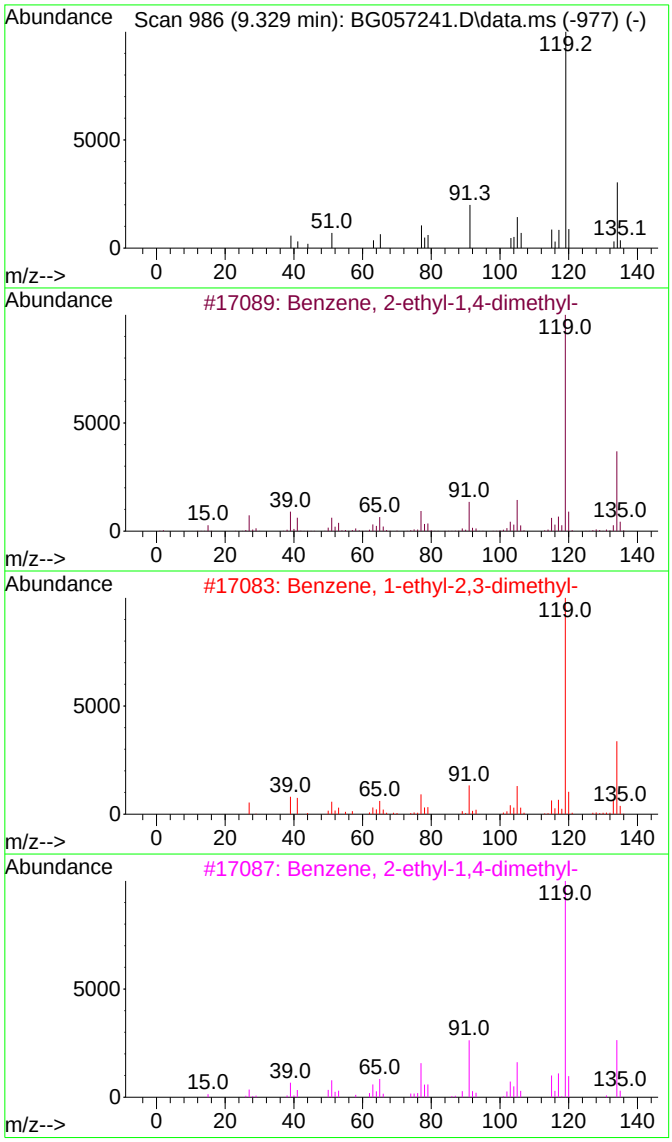
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

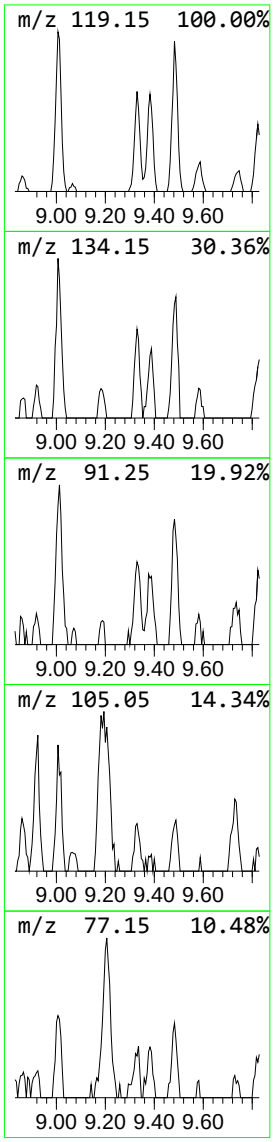
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.329 | 5.08 ng/ul | 22415 | 1,4-Dichlorobenzene-d4 | 8.378 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 2 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |
| 4 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 91 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

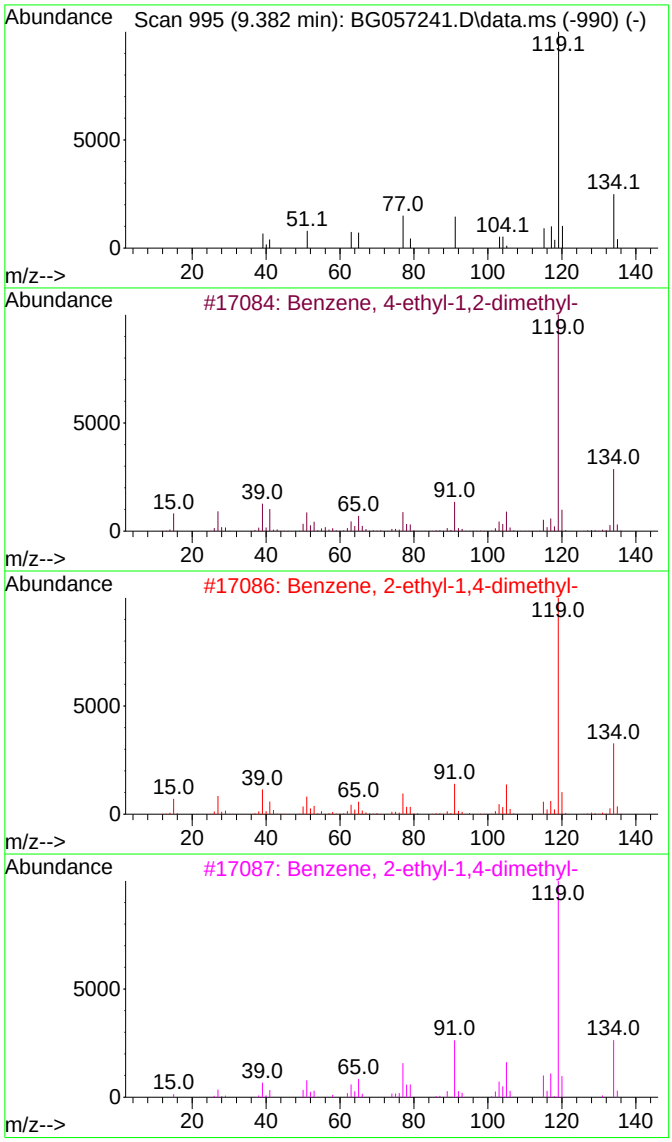
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

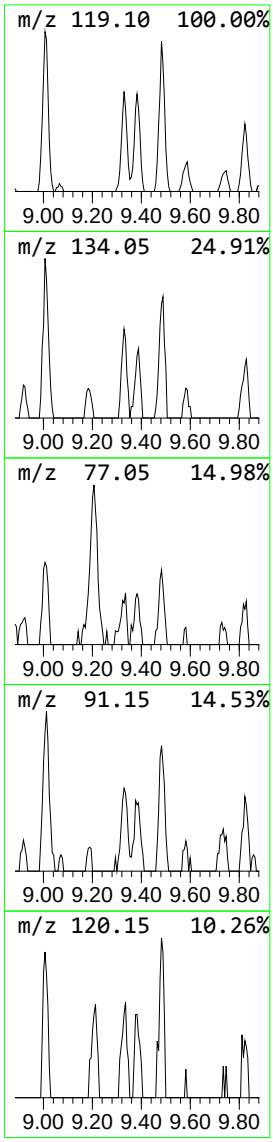
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.382 | 4.22 ng/ul | 18637 | 1,4-Dichlorobenzene-d4 | 8.378 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 91 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 5 | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14 | 076089-59-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

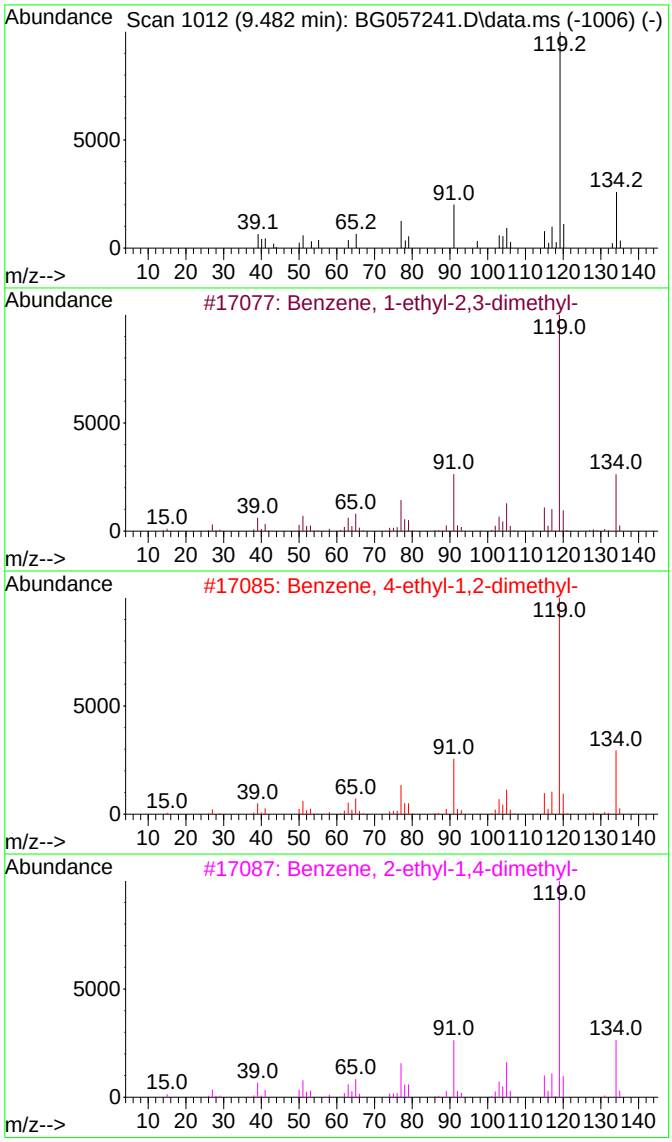
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

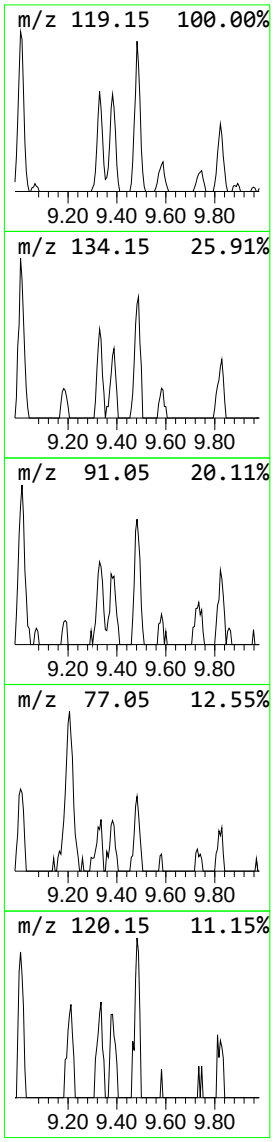
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.482 | 7.34 ng/ul | 32384 | 1,4-Dichlorobenzene-d4 | 8.378 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 93 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 91 |



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Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

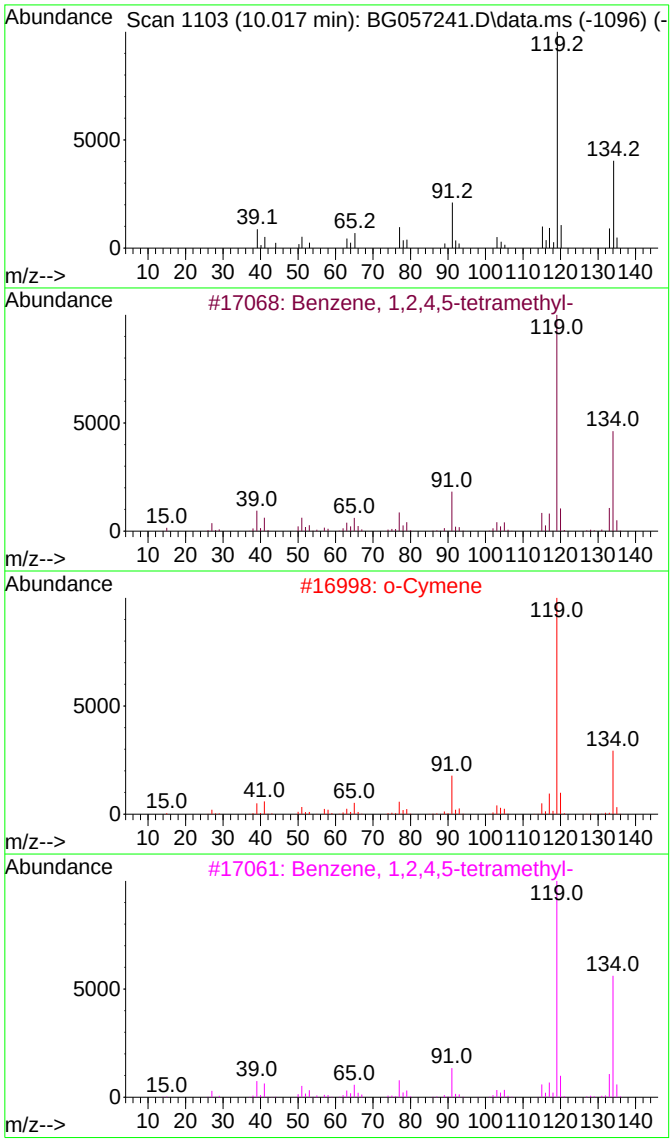
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

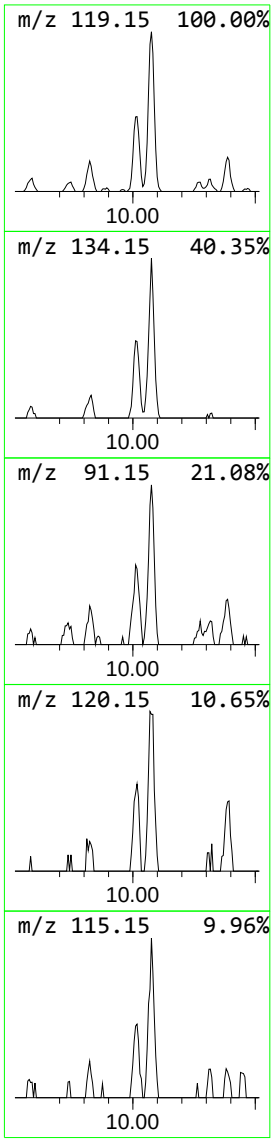
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.017 | 4.93 ng/ul | 39926 | Naphthalene-d8 | 11.215 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 91 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |



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Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

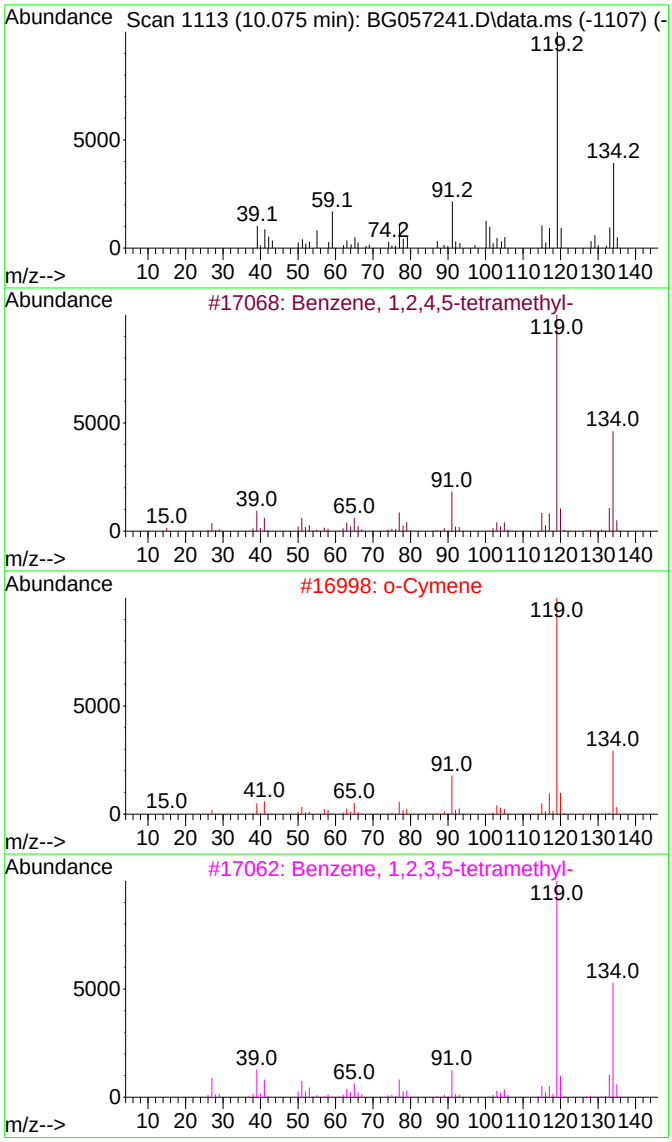
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

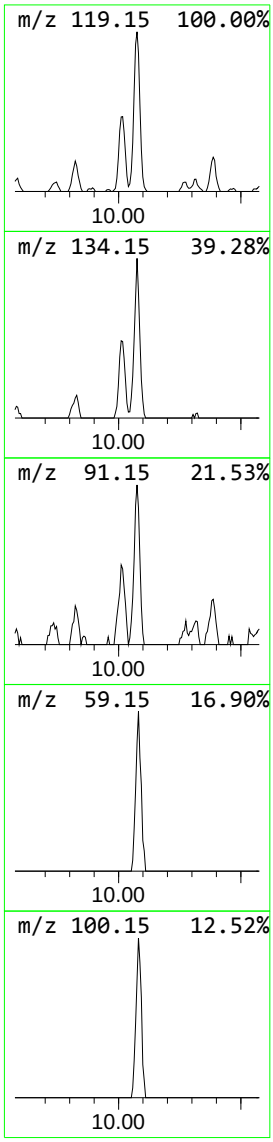
**********

Peak Number 9 o-Cymene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.076 | 13.65 ng/ul | 110588 | Naphthalene-d8 | 11.215 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 96 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 93 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 90 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

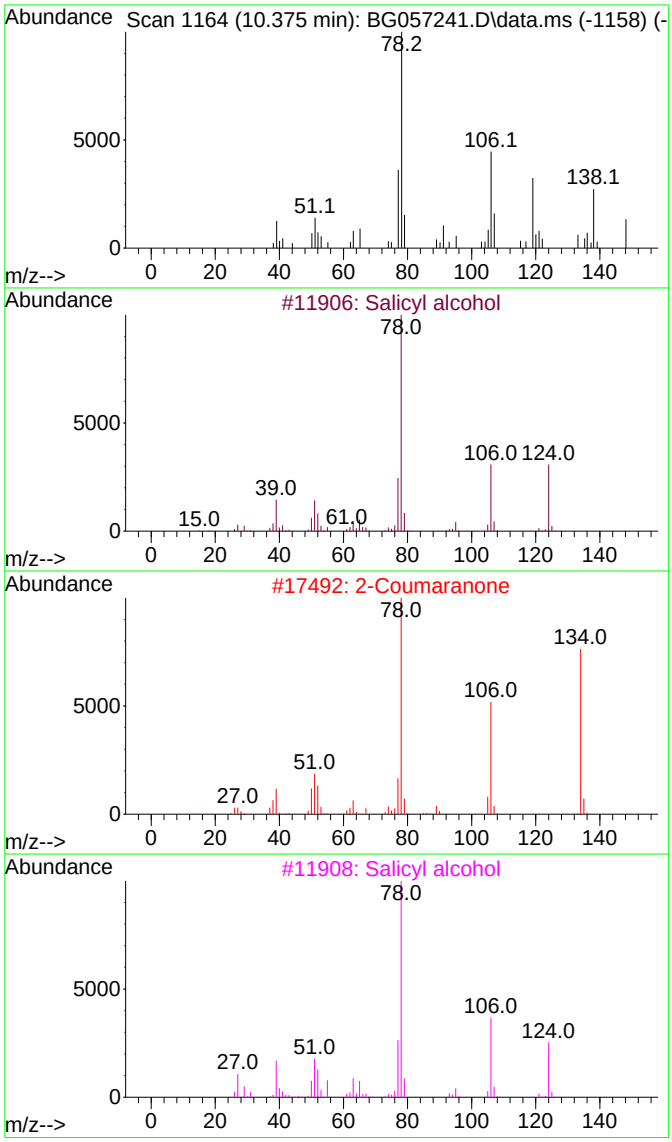
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

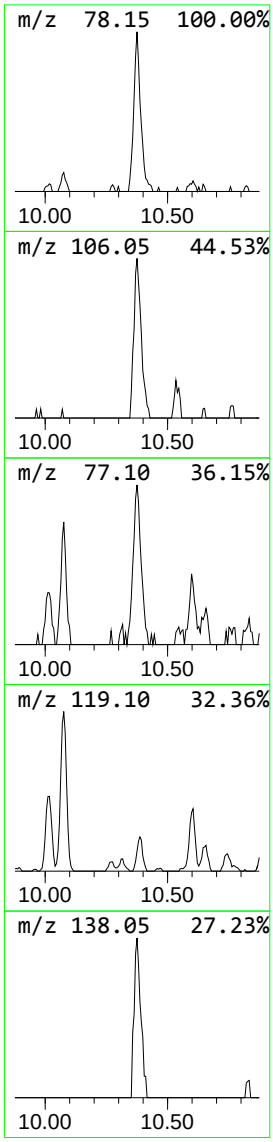
**********

Peak Number 10 Salicyl alcohol Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.375 | 8.01 ng/ul | 64885 | Naphthalene-d8 | 11.215 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Salicyl alcohol | 124 | C7H8O2 | 000090-01-7 | 72 |
| 2 | 2-Coumaranone | 134 | C8H6O2 | 000553-86-6 | 64 |
| 3 | Salicyl alcohol | 124 | C7H8O2 | 000090-01-7 | 50 |
| 4 | 2-Coumaranone | 134 | C8H6O2 | 000553-86-6 | 50 |
| 5 | Phenol, 2-(aminomethyl)- | 123 | C7H9NO | 000932-30-9 | 50 |



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Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

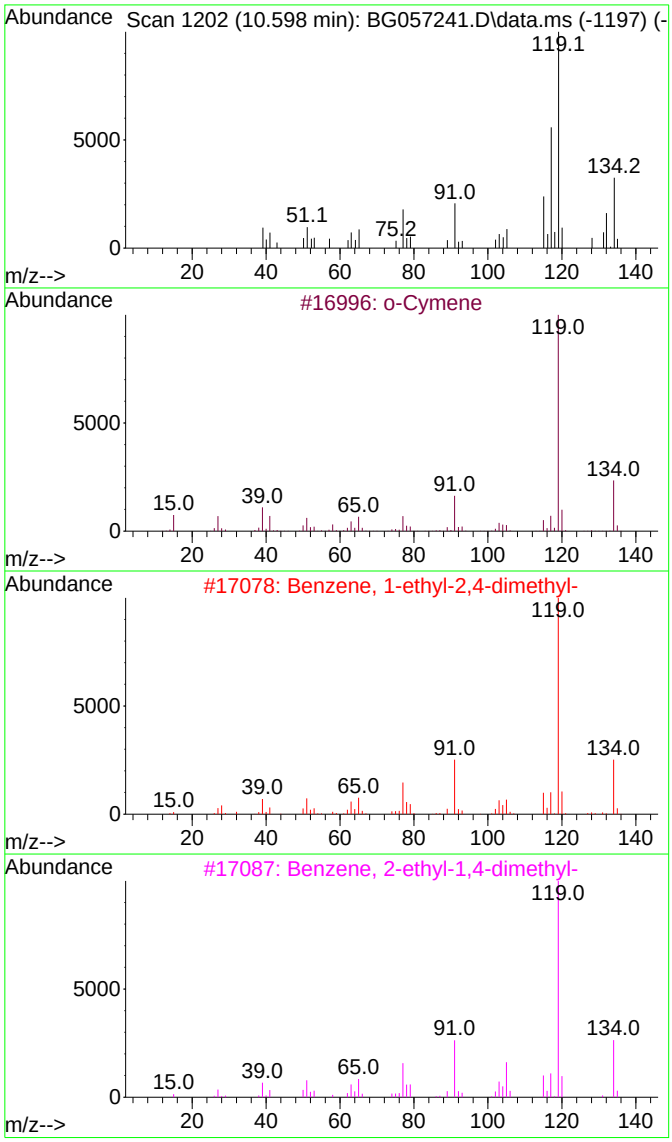
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

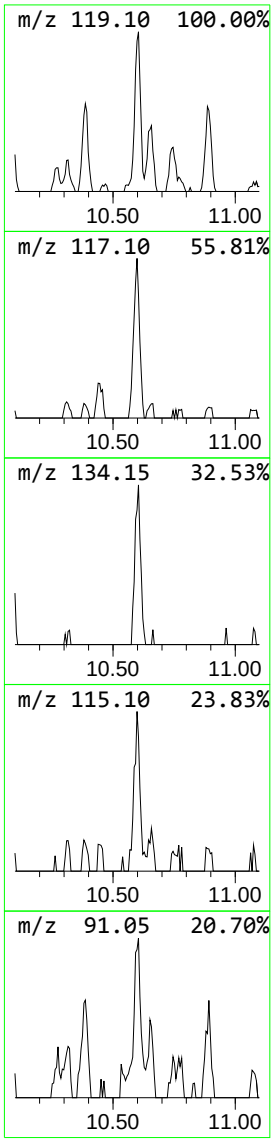
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.598 | 6.05 ng/ul | 48985 | Naphthalene-d8 | 11.215 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 60 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 60 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 58 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 58 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

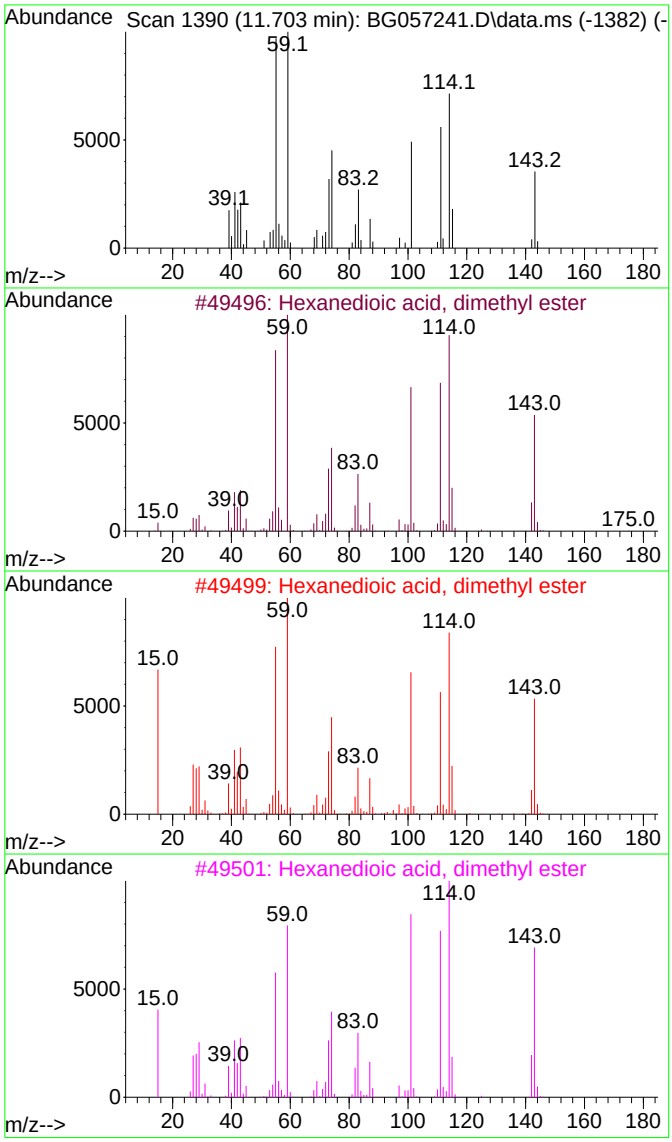
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

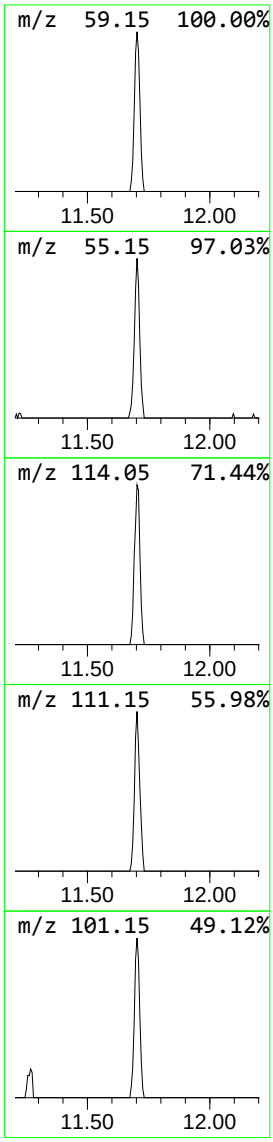
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Hexanedioic acid, dimethyl ... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.703 | 9.27 ng/ul | 75136 | Naphthalene-d8 | 11.215 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanedioic acid, dimethyl ester | 174 | C8H14O4 | 000627-93-0 | 91 |
| 2 | Hexanedioic acid, dimethyl ester | 174 | C8H14O4 | 000627-93-0 | 78 |
| 3 | Hexanedioic acid, dimethyl ester | 174 | C8H14O4 | 000627-93-0 | 58 |
| 4 | Hexanedioic acid, dimethyl ester | 174 | C8H14O4 | 000627-93-0 | 56 |
| 5 | Hexanedioic acid, monomethyl ester | 160 | C7H12O4 | 000627-91-8 | 37 |



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Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

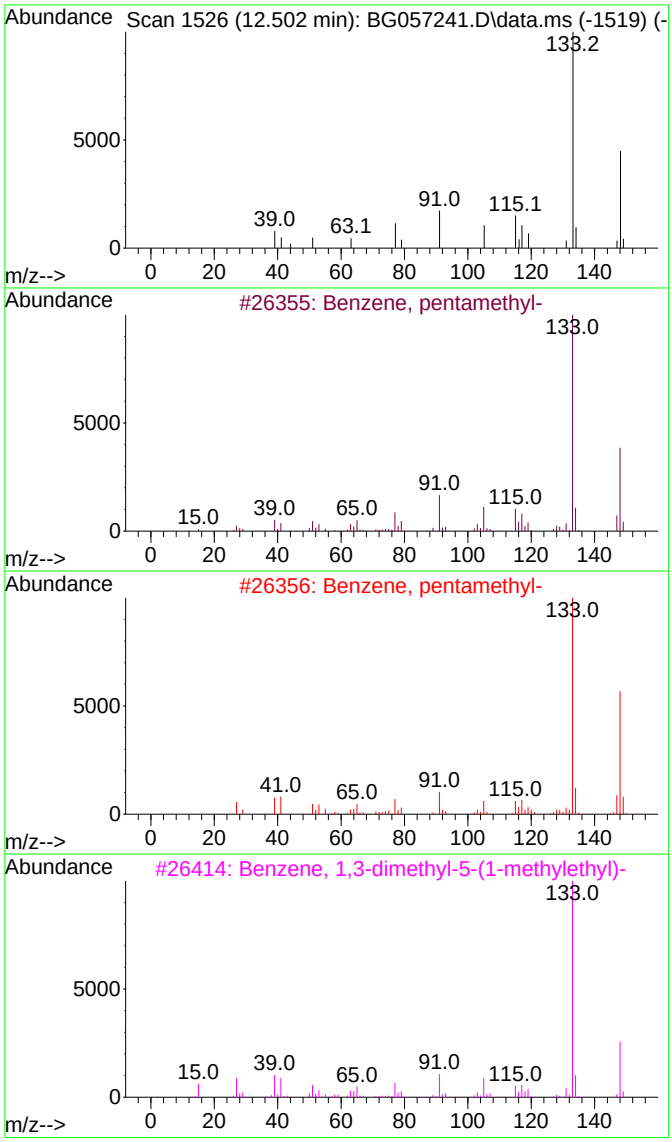
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

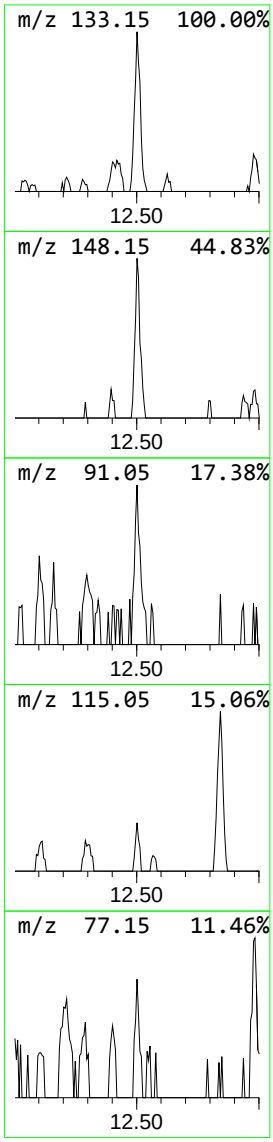
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, pentamethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.502 | 2.31 ng/ul | 18697 | Naphthalene-d8 | 11.215 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 91 |
| 2 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 86 |
| 3 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 86 |
| 4 | 1,5,6,7-Tetramethylbicyclo[3.2.0... | 148 | C11H16 | 134329-46-7 | 83 |
| 5 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

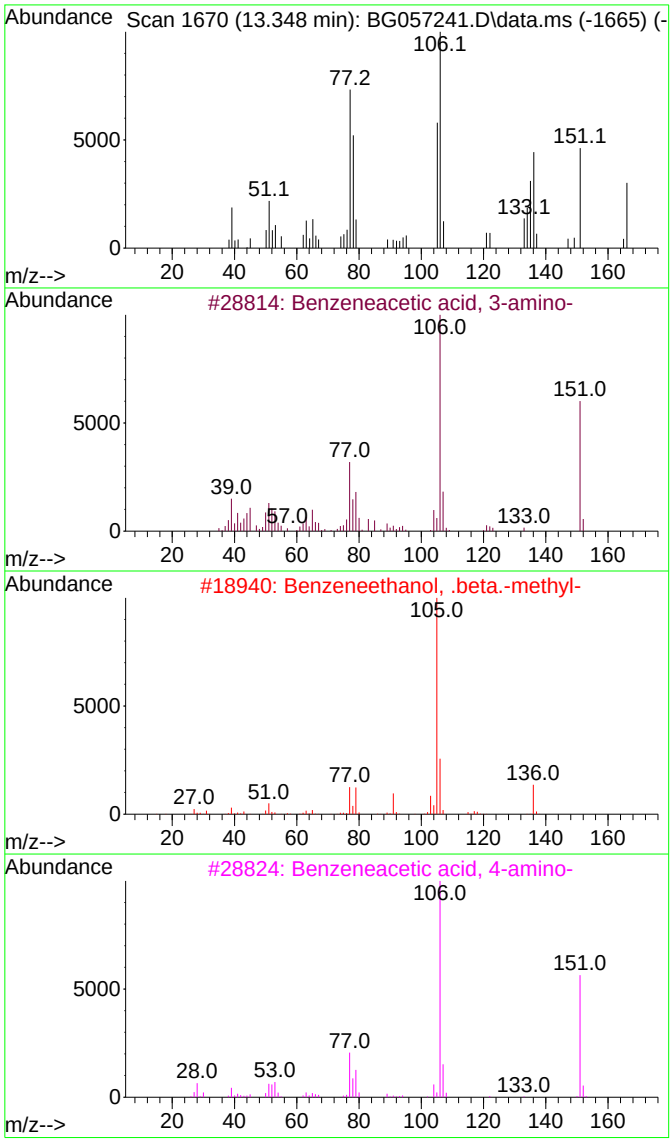
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

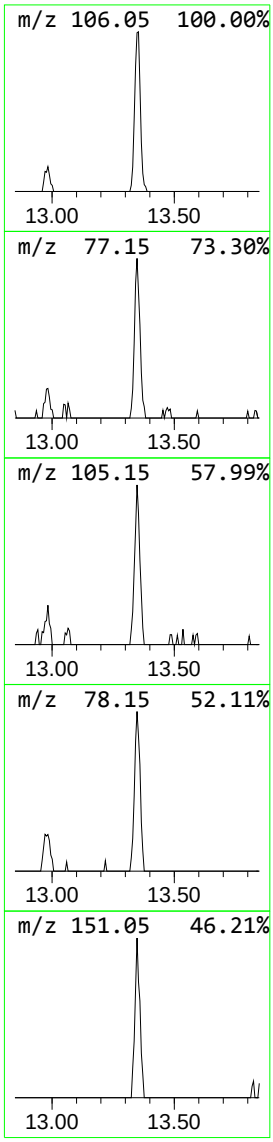
**********

Peak Number 14 unknown-02 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.348 | 5.46 ng/ul | 56239 | Acenaphthene-d10 | 14.986 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneacetic acid, 3-amino- | 151 | C8H9NO2 | 014338-36-4 | 38 |
| 2 | Benzeneethanol, .beta.-methyl- | 136 | C9H12O | 001123-85-9 | 38 |
| 3 | Benzeneacetic acid, 4-amino- | 151 | C8H9NO2 | 001197-55-3 | 30 |
| 4 | Ethyl nicotinate | 151 | C8H9NO2 | 000614-18-6 | 27 |
| 5 | N-Phenylglycine | 151 | C8H9NO2 | 000103-01-5 | 27 |



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Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

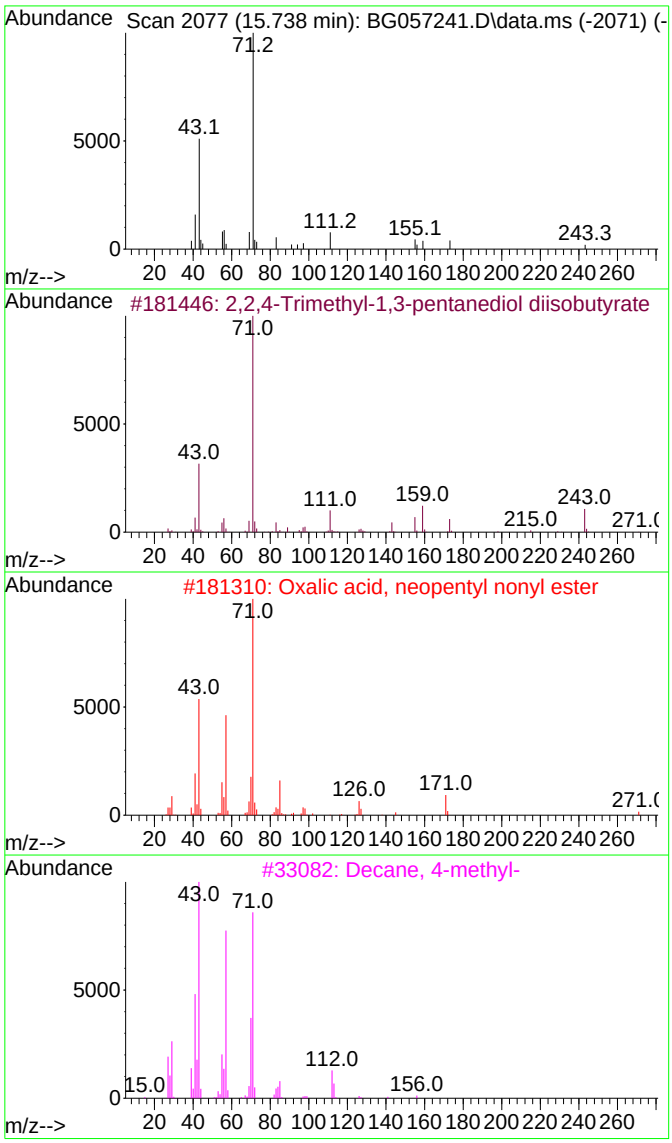
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

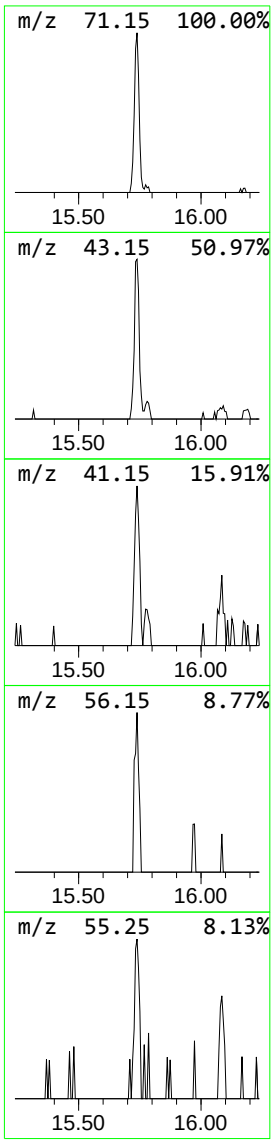
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.738 | 2.62 ng/ul | 26933 | Acenaphthene-d10 | 14.986 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2,4-Trimethyl-1,3-pentanediol ... | 286 | C16H30O4 | 006846-50-0 | 78 |
| 2 | Oxalic acid, neopentyl nonyl ester | 286 | C16H30O4 | 1000309-73-3 | 59 |
| 3 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 59 |
| 4 | 2,2,4-Trimethyl-1,3-pentanediol ... | 286 | C16H30O4 | 006846-50-0 | 56 |
| 5 | 2,2,4-Trimethyl-1,3-pentanediol ... | 286 | C16H30O4 | 006846-50-0 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

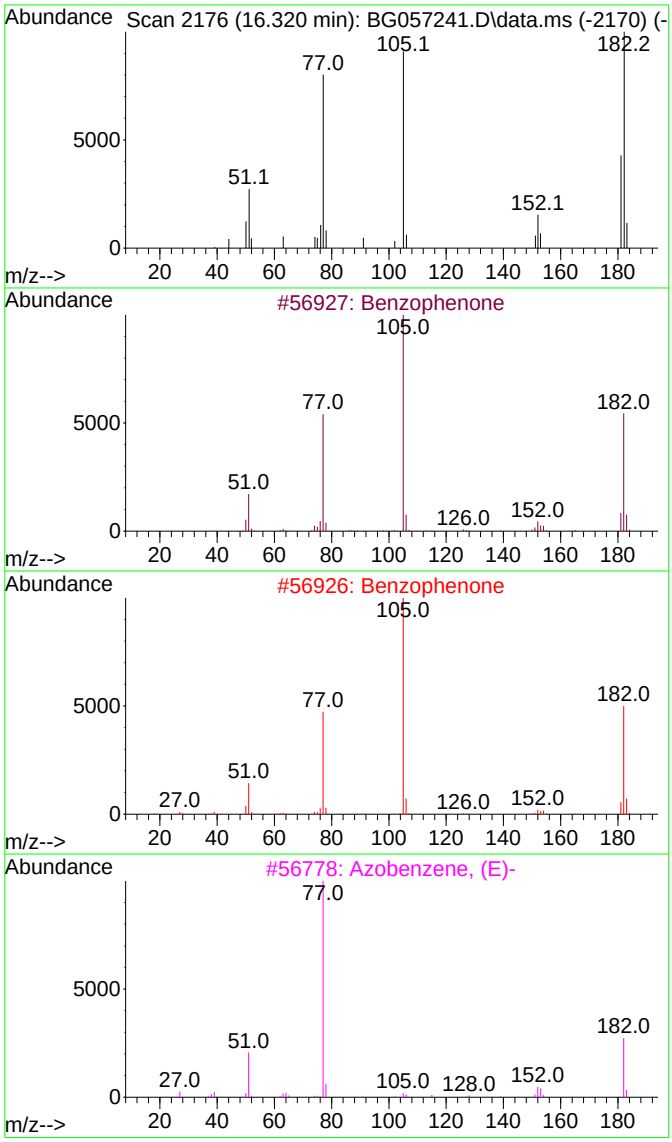
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

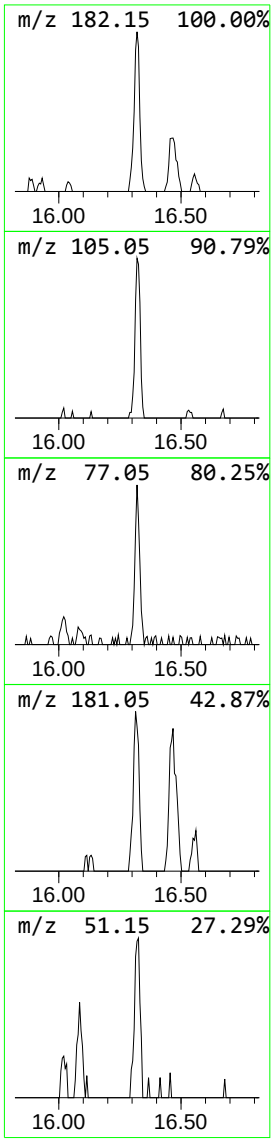
**********

Peak Number 16 Benzophenone Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.320 | 3.39 ng/ul | 34954 | Acenaphthene-d10 | 14.986 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 74 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 72 |
| 3 | Azobenzene, (E)- | 182 | C12H10N2 | 017082-12-1 | 53 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 50 |
| 5 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 47 |



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Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

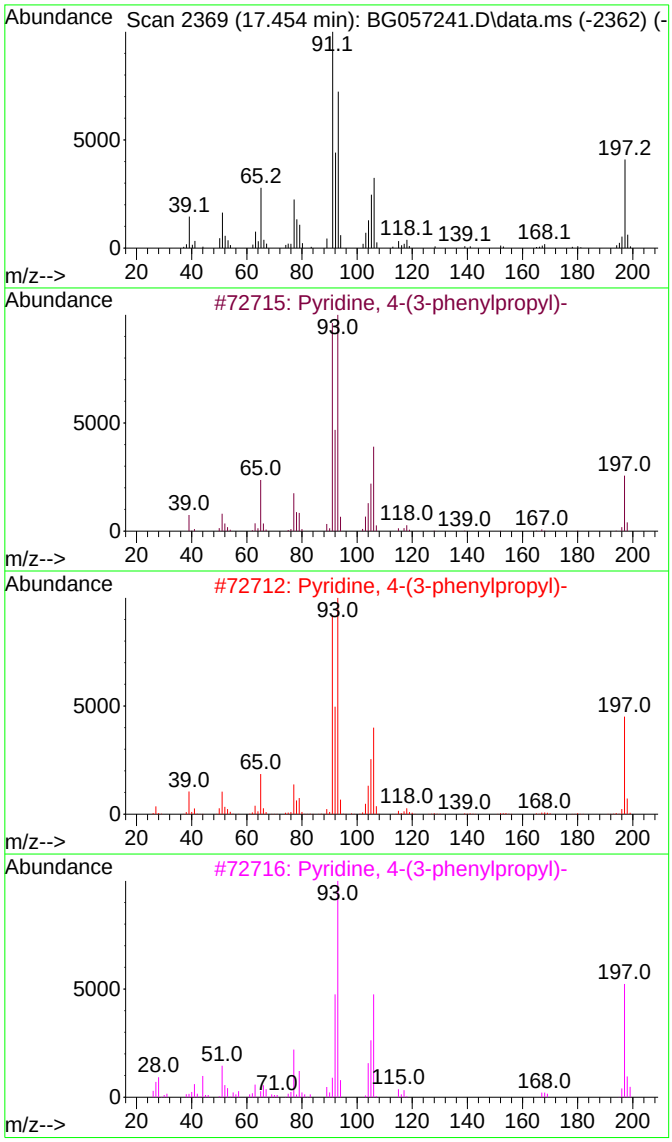
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

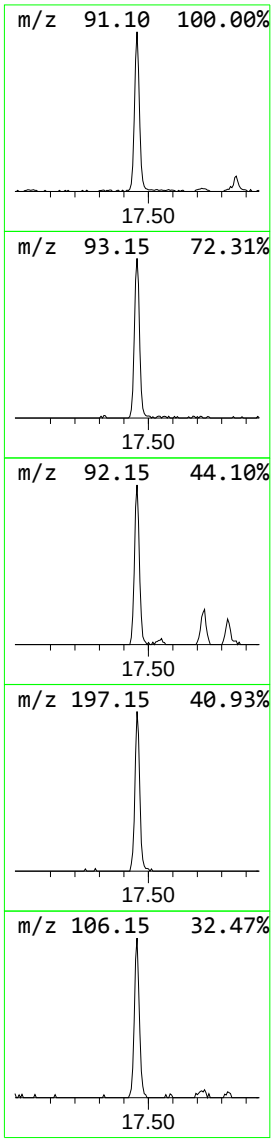
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Pyridine, 4-(3-phenylpropyl)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.454 | 16.26 ng/ul | 220475 | Phenanthrene-d10 | 17.730 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, 4-(3-phenylpropyl)- | 197 | C14H15N | 002057-49-0 | 97 |
| 2 | Pyridine, 4-(3-phenylpropyl)- | 197 | C14H15N | 002057-49-0 | 95 |
| 3 | Pyridine, 4-(3-phenylpropyl)- | 197 | C14H15N | 002057-49-0 | 93 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 30 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 30 |



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Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

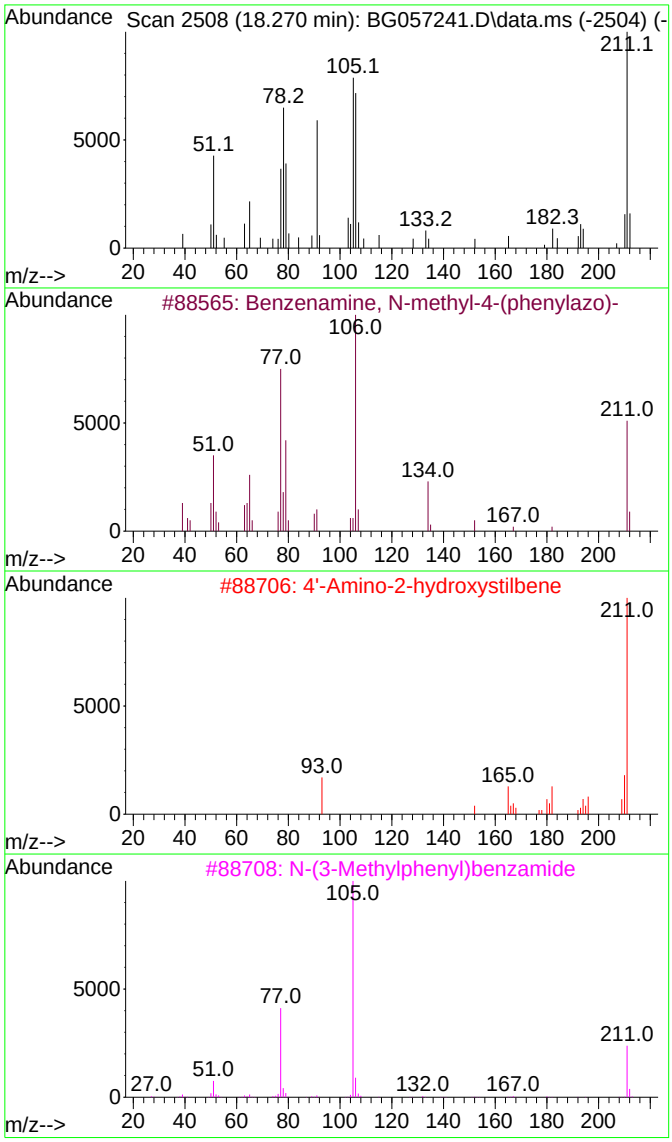
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

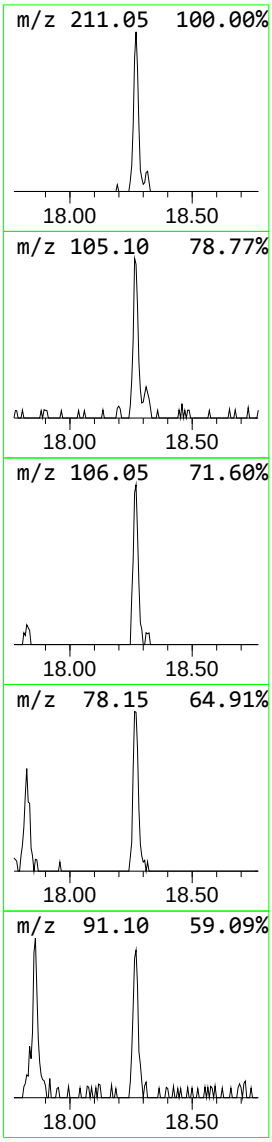
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzenamine, N-methyl-4-(ph... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.270 | 2.33 ng/ul | 31632 | Phenanthrene-d10 | 17.730 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenamine, N-methyl-4-(phenyla... | 211 | C13H13N3 | 000621-90-9 | 68 |
| 2 | 4'-Amino-2-hydroxystilbene | 211 | C14H13NO | 1000147-72-3 | 49 |
| 3 | N-(3-Methylphenyl)benzamide | 211 | C14H13NO | 000582-77-4 | 43 |
| 4 | N'-(3-Pyridinylmethylene)isonico... | 226 | C12H10N4O | 015017-31-9 | 35 |
| 5 | Nicorandil | 211 | C8H9N3O4 | 065141-46-0 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

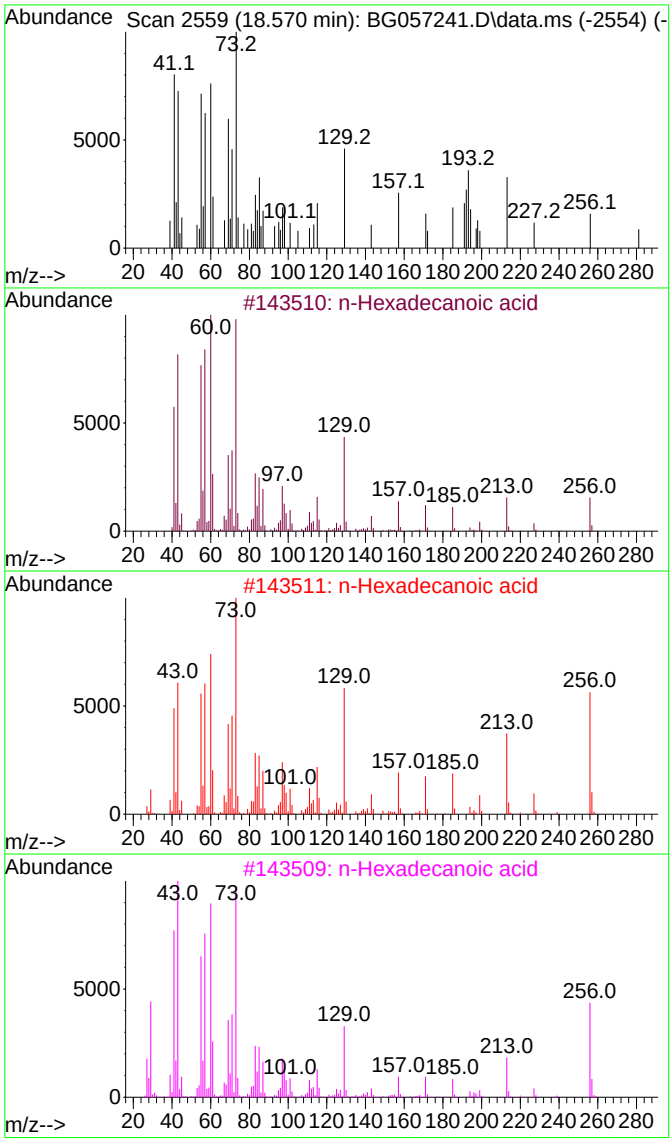
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

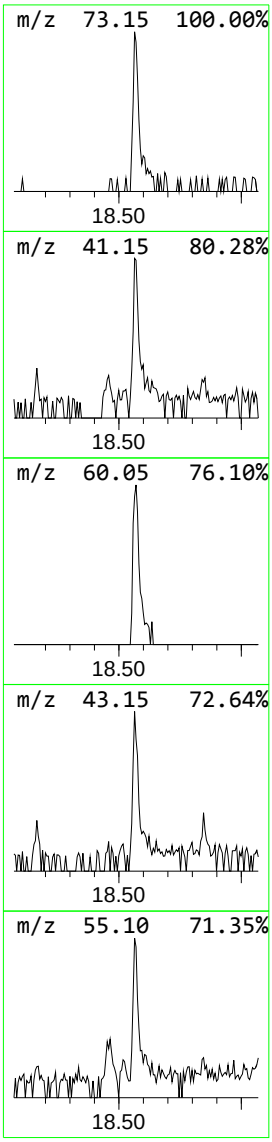
**********

Peak Number 19 n-Hexadecanoic acid Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.570 | 2.68 ng/ul | 36343 | Phenanthrene-d10 | 17.730 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 92 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 92 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90 |
| 5 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 49 |



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Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

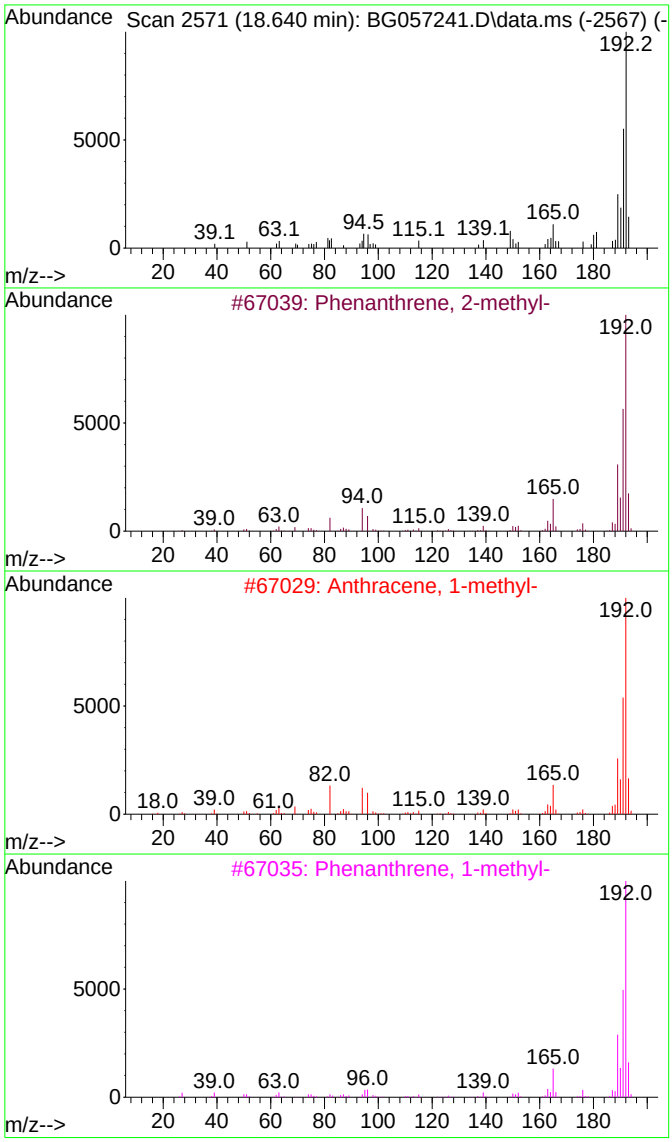
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

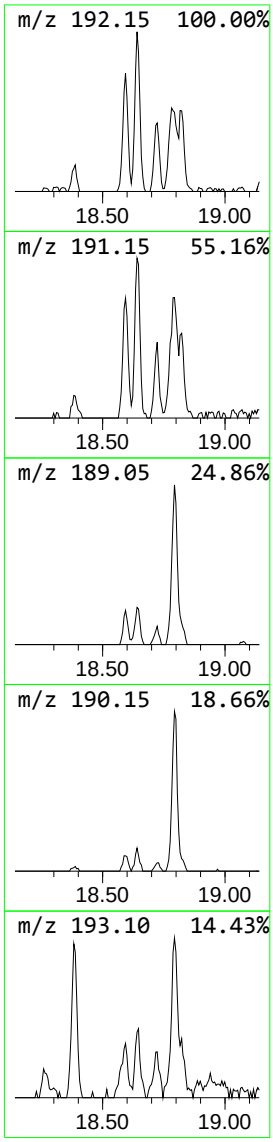
**********

Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.640 | 4.01 ng/ul | 54424 | Phenanthrene-d10 | 17.730 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 93 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 92 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

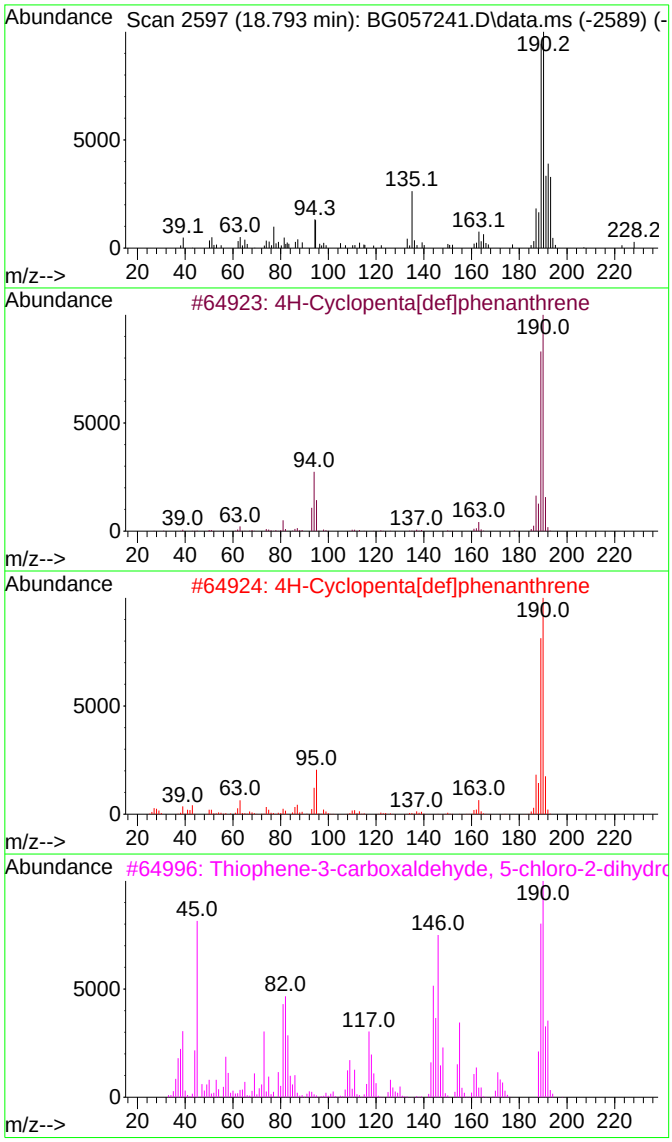
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

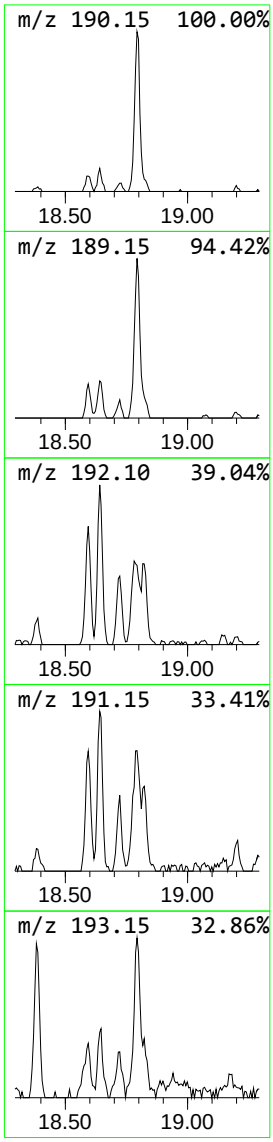
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.793 | 8.76 ng/ul | 118804 | Phenanthrene-d10 | 17.730 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 64 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 60 |
| 3 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 59 |
| 4 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 50 |
| 5 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

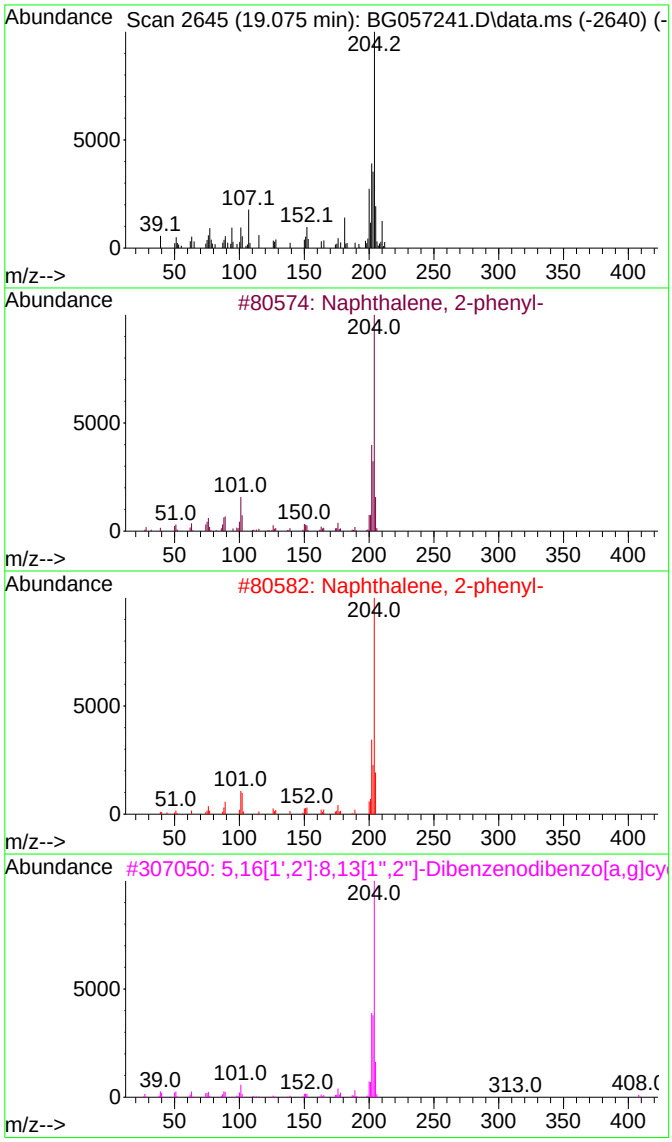
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

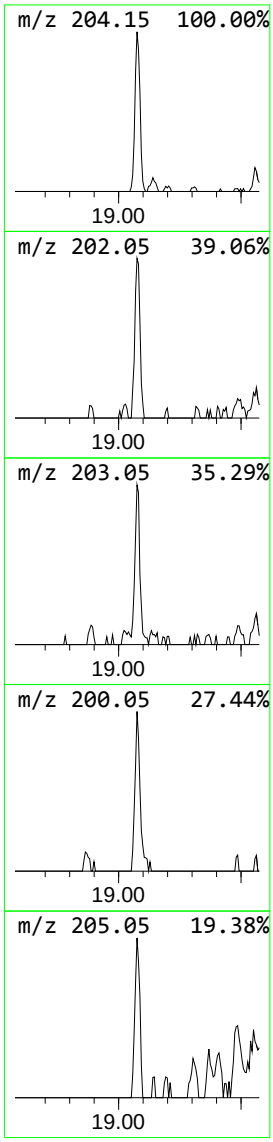
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.075 | 4.85 ng/ul | 65772 | Phenanthrene-d10 | 17.730 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 89 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 78 |
| 3 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 64 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 55 |
| 5 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

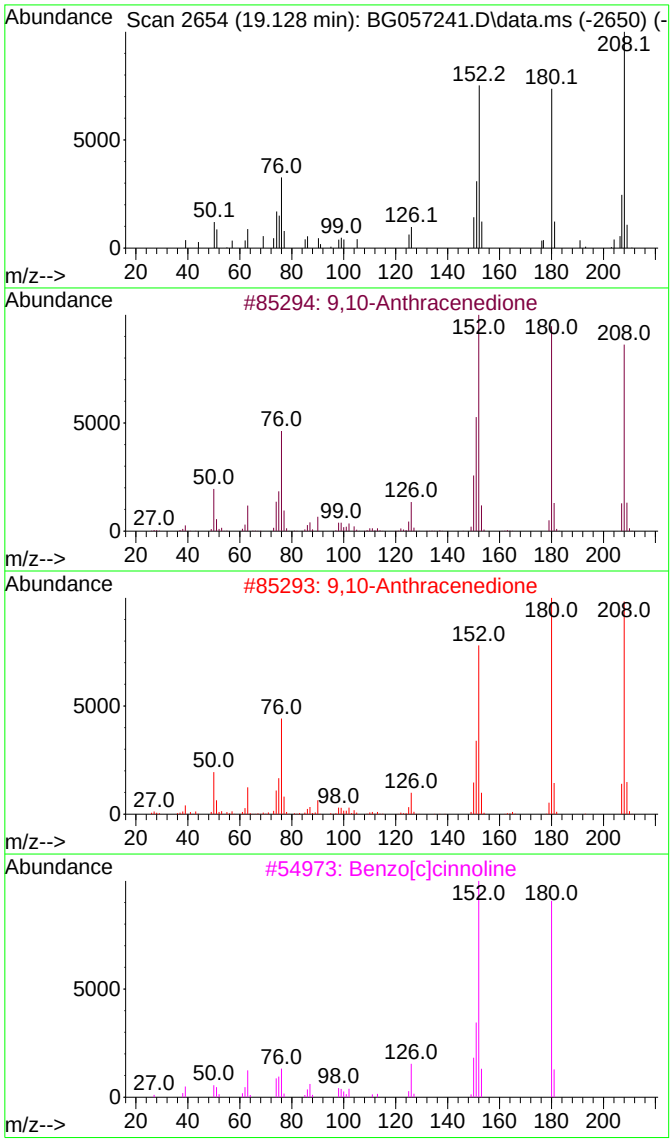
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

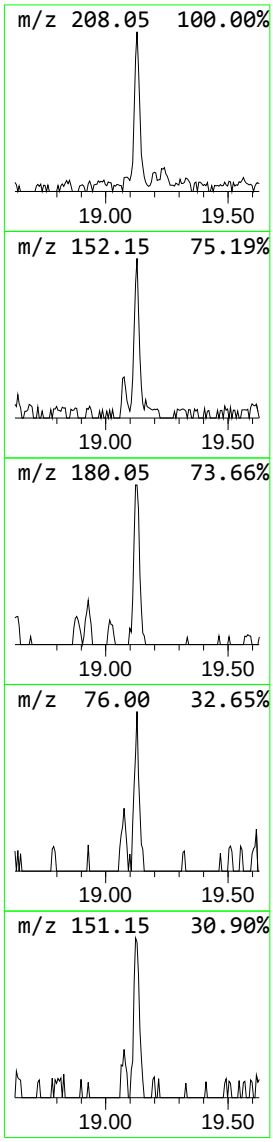
**********

Peak Number 23 9,10-Anthracenedione Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.128 | 3.46 ng/ul | 46978 | Phenanthrene-d10 | 17.730 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 90 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 90 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 74 |
| 5 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

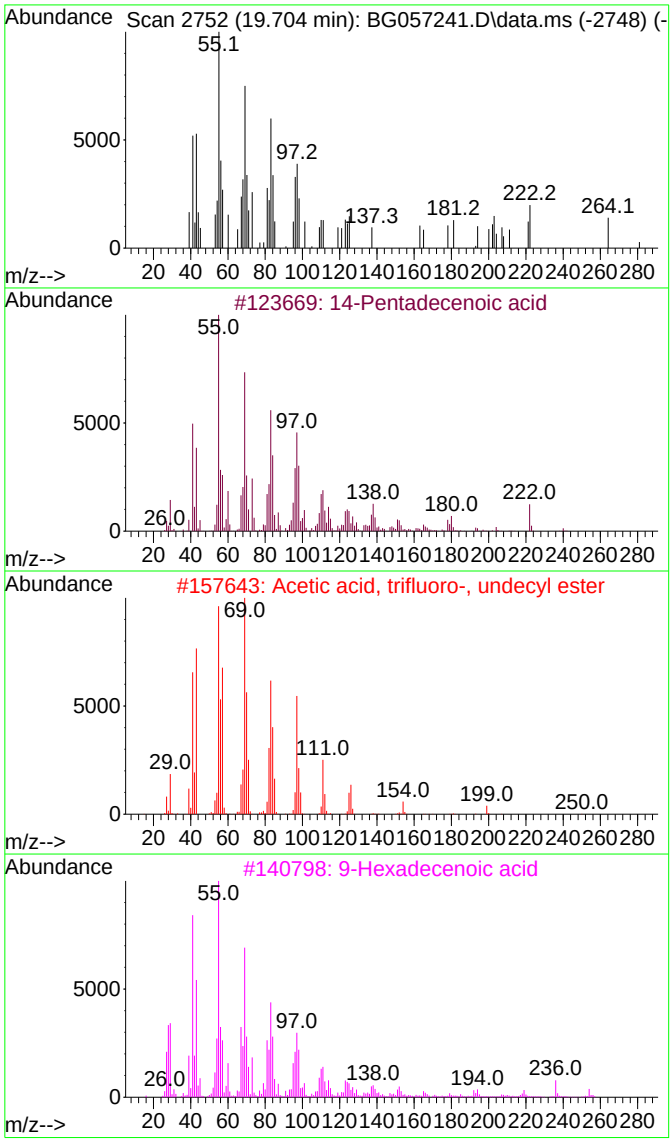
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

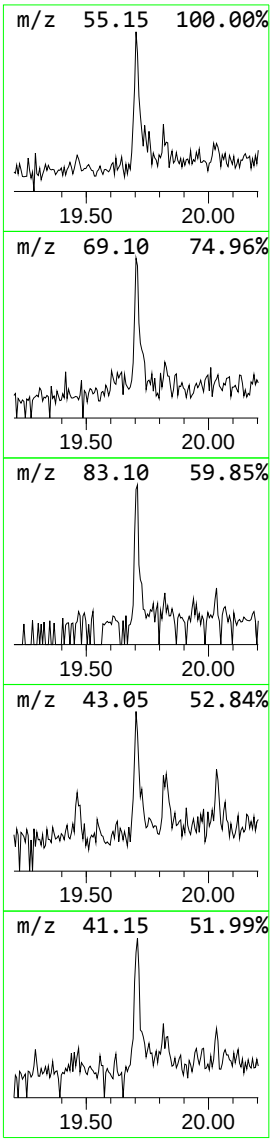
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 14-Pentadecenoic acid Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.704 | 2.08 ng/ul | 28178 | Phenanthrene-d10 | 17.730 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 14-Pentadecenoic acid | 240 | C15H28O2 | 017351-34-7 | 72 |
| 2 | Acetic acid, trifluoro-, undecyl... | 268 | C13H23F3O2 | 053800-01-4 | 49 |
| 3 | 9-Hexadecenoic acid | 254 | C16H30O2 | 002091-29-4 | 46 |
| 4 | 1-Dodecanethiol | 202 | C12H26S | 000112-55-0 | 42 |
| 5 | (E)-Hexadec-9-enoic acid | 254 | C16H30O2 | 010030-73-6 | 41 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

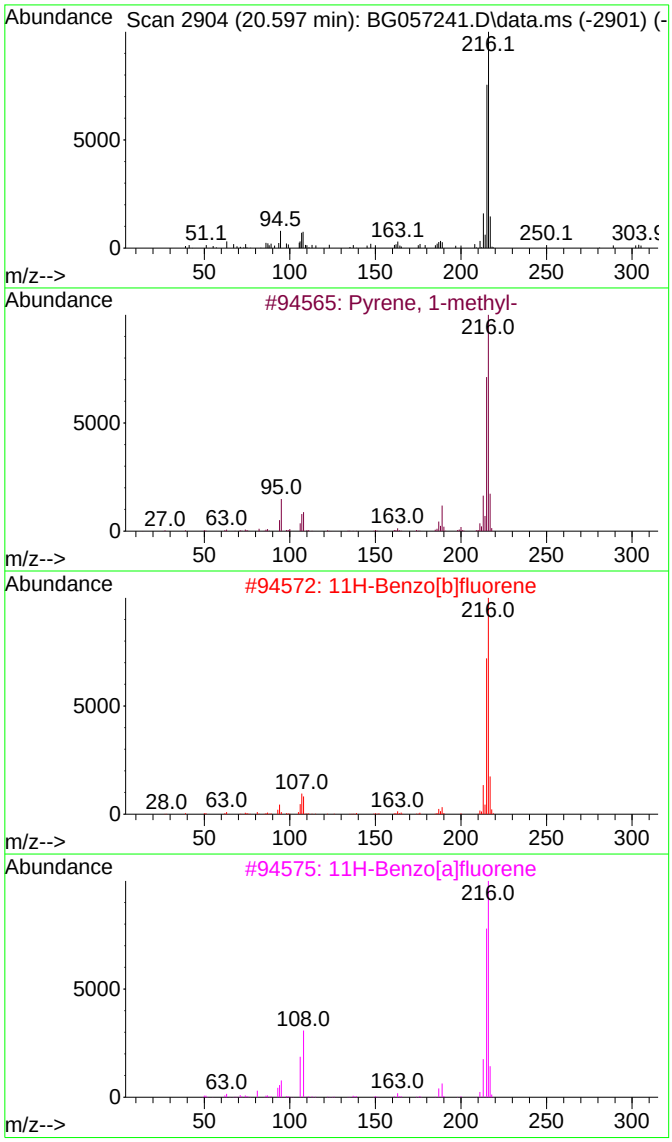
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

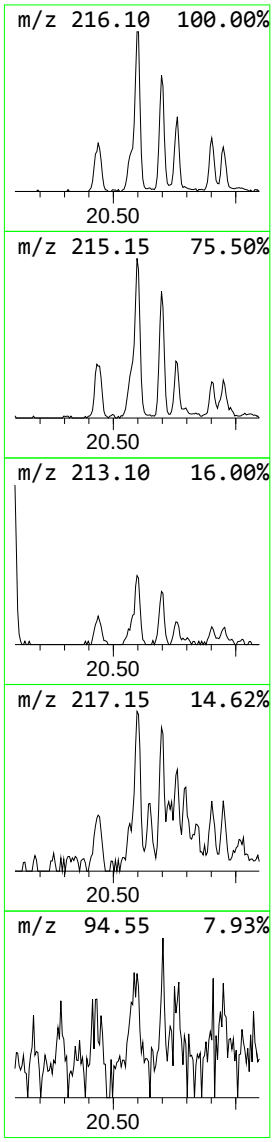
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.596 | 2.44 ng/ul | 80671 | Chrysene-d12 | 22.036 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 86 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 83 |
| 5 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

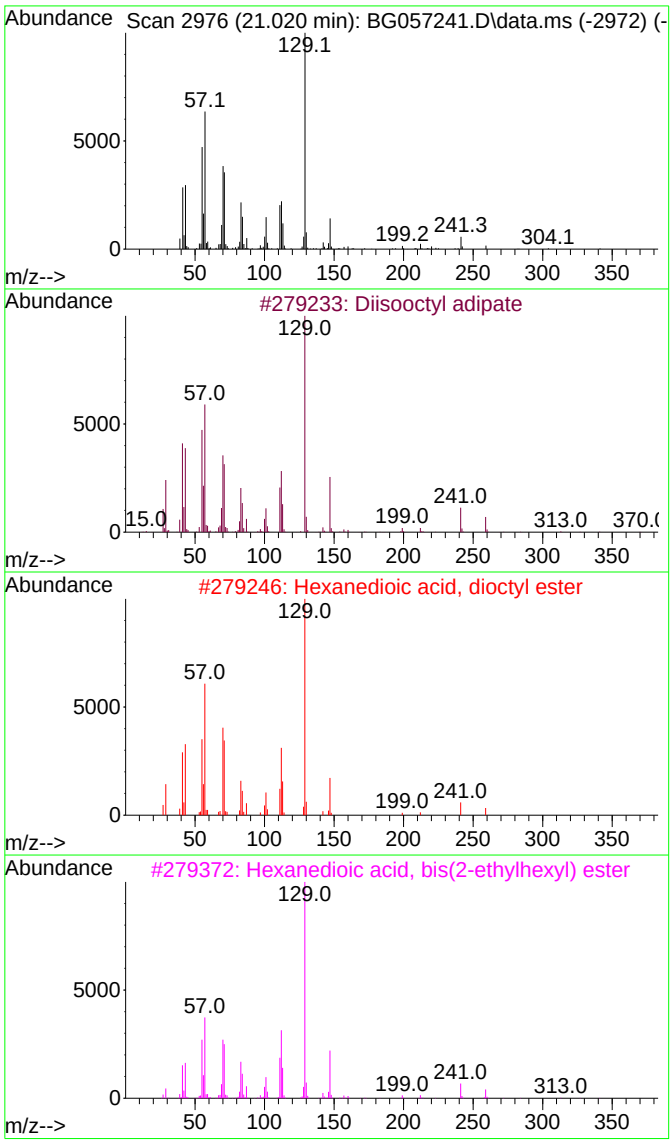
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

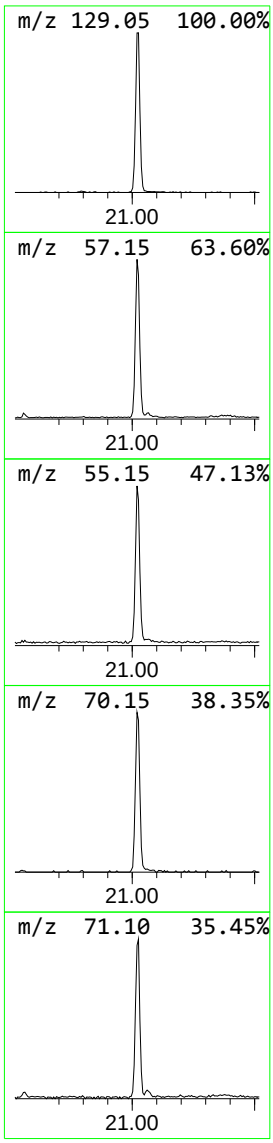
**********

Peak Number 26 Diisooctyl adipate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.020 | 11.77 ng/ul | 388891 | Chrysene-d12 | 22.036 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diisooctyl adipate | 370 | C22H42O4 | 001330-86-5 | 91 |
| 2 | Hexanedioic acid, dioctyl ester | 370 | C22H42O4 | 000123-79-5 | 90 |
| 3 | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1 | 87 |
| 4 | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1 | 78 |
| 5 | Hexanedioic acid, dioctyl ester | 370 | C22H42O4 | 000123-79-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

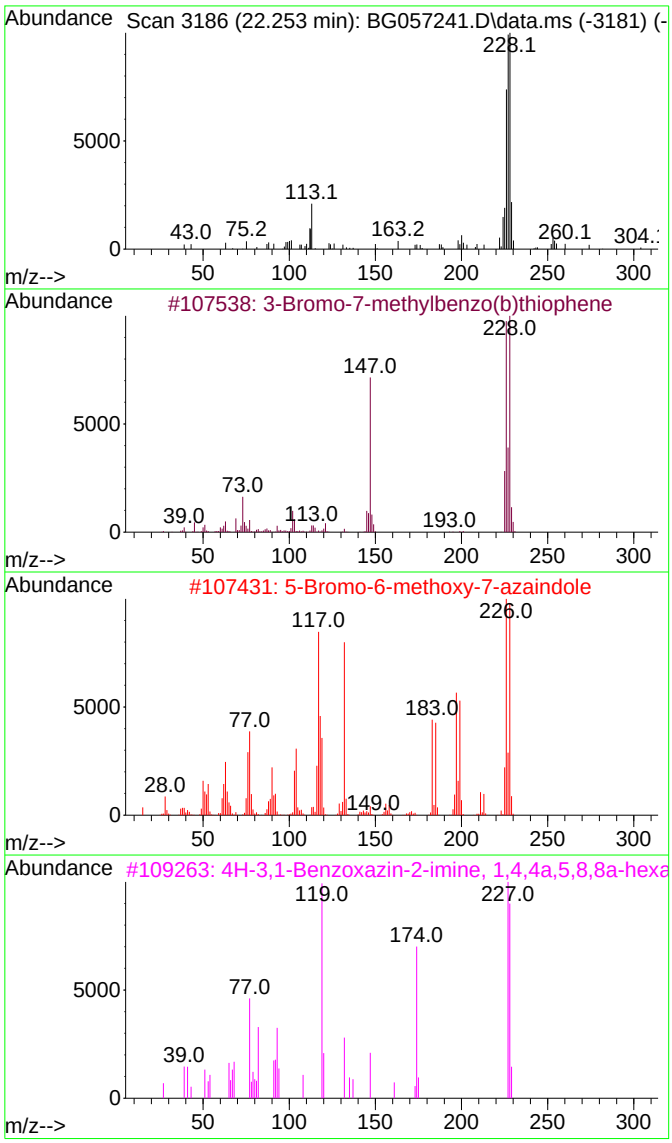
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

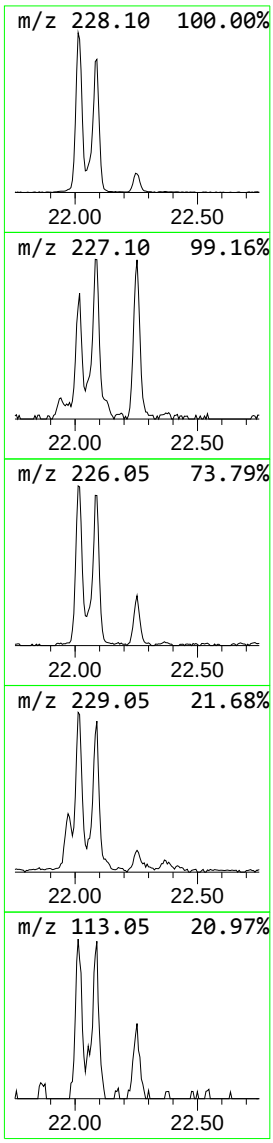
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 3-Bromo-7-methylbenzo(b)thi... Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.253 | 2.07 ng/ul | 68378 | Chrysene-d12 | 22.036 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Bromo-7-methylbenzo(b)thiophene | 226 | C9H7BrS | 001500-71-6 | 52 |
| 2 | 5-Bromo-6-methoxy-7-azaindole | 226 | C8H7BrN2O | 1190321-63-1 | 47 |
| 3 | 4H-3,1-Benzoxazin-2-imine, 1,4,4... | 228 | C14H16N2O | 1000139-29-1 | 43 |
| 4 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 38 |
| 5 | Triphenylene | 228 | C18H12 | 000217-59-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

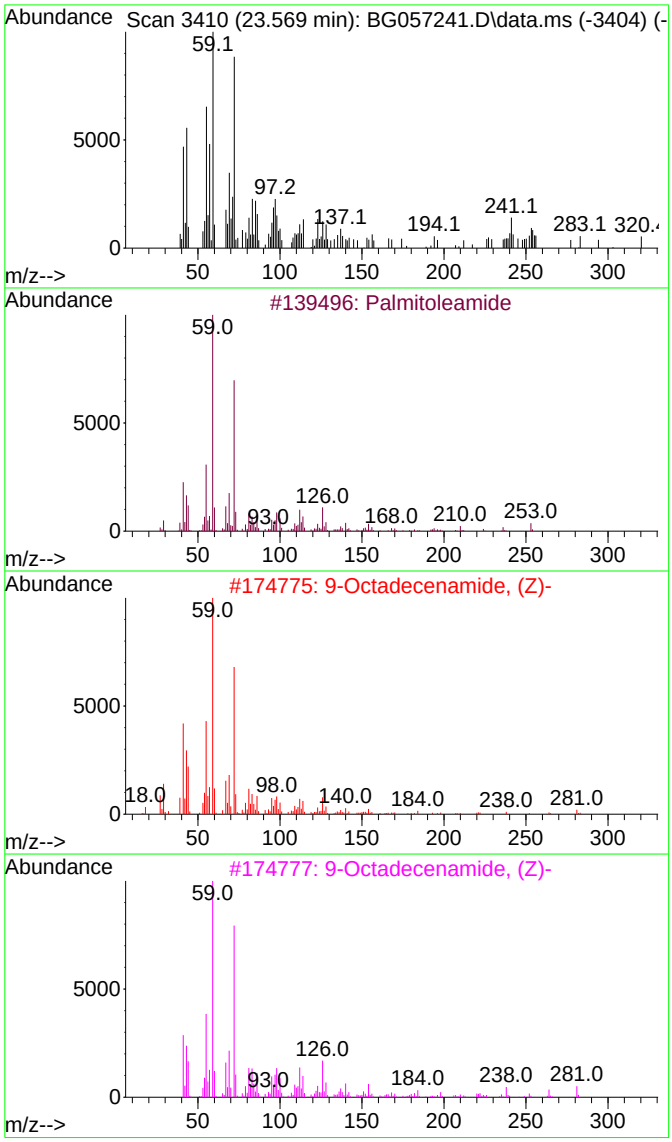
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

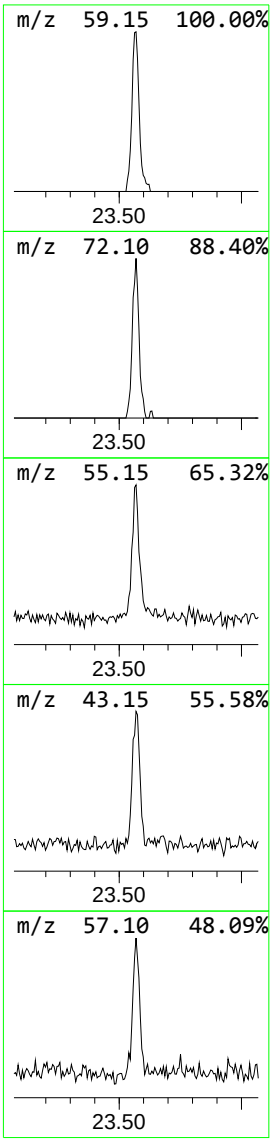
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Palmitoleamide Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.569 | 2.78 ng/ul | 91829 | Chrysene-d12 | 22.036 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Palmitoleamide | 253 | C16H31NO | 106010-22-4 | 64 |
| 2 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 53 |
| 3 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 43 |
| 4 | Hexanamide, N-propyl-N-pentyl- | 227 | C14H29NO | 1010437-65-9 | 38 |
| 5 | Hexadecanamide | 255 | C16H33NO | 000629-54-9 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

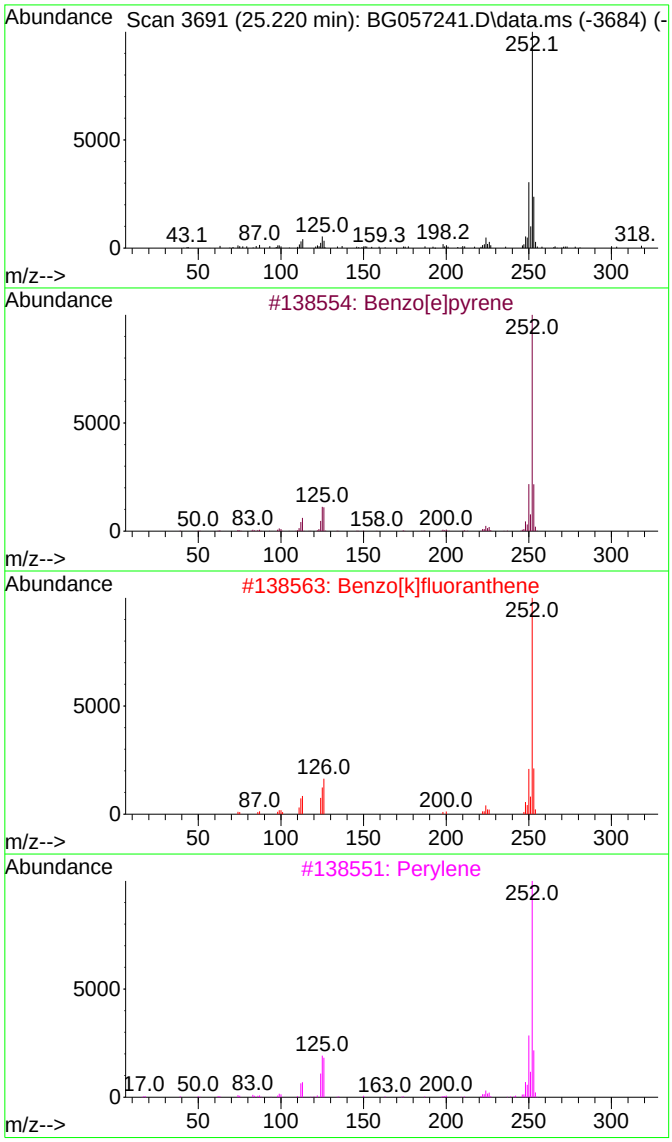
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

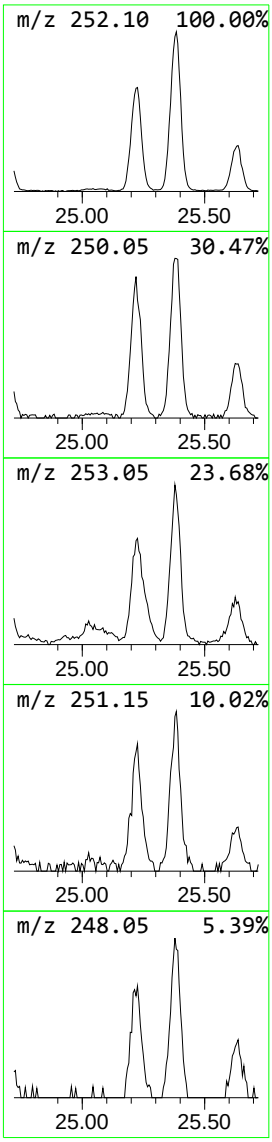
**********

Peak Number 29 Benzo[e]pyrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.220 | 16.01 ng/ul | 182182 | Perylene-d12 | 25.543 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 91 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 90 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 90 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 90 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 81 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057241.D
Acq On : 29 Apr 2023 7:54
Operator : CG/JU
Sample : 02417-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW8W8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, 1,2,3-... | 8.014 | 6.0 | ng/ul | 26238 | 1 | 8.378 | 88231 | 20.0 |
| unknown-01 | 8.889 | 8.2 | ng/ul | 36050 | 1 | 8.378 | 88231 | 20.0 |
| p-Cymene | 9.006 | 9.1 | ng/ul | 39946 | 1 | 8.378 | 88231 | 20.0 |
| Benzene, 2-ethy... | 9.329 | 5.1 | ng/ul | 22415 | 1 | 8.378 | 88231 | 20.0 |
| Benzene, 4-ethy... | 9.382 | 4.2 | ng/ul | 18637 | 1 | 8.378 | 88231 | 20.0 |
| Benzene, 1-ethy... | 9.482 | 7.3 | ng/ul | 32384 | 1 | 8.378 | 88231 | 20.0 |
| Benzene, 1,2,4,... | 10.017 | 4.9 | ng/ul | 39926 | 2 | 11.215 | 162035 | 20.0 |
| o-Cymene | 10.076 | 13.7 | ng/ul | 110588 | 2 | 11.215 | 162035 | 20.0 |
| Salicyl alcohol | 10.375 | 8.0 | ng/ul | 64885 | 2 | 11.215 | 162035 | 20.0 |
| Benzene, 1-ethy... | 10.598 | 6.0 | ng/ul | 48985 | 2 | 11.215 | 162035 | 20.0 |
| Hexanedioic aci... | 11.703 | 9.3 | ng/ul | 75136 | 2 | 11.215 | 162035 | 20.0 |
| Benzene, pentam... | 12.502 | 2.3 | ng/ul | 18697 | 2 | 11.215 | 162035 | 20.0 |
| unknown-02 | 13.348 | 5.5 | ng/ul | 56239 | 3 | 14.986 | 205956 | 20.0 |
| 2,2,4-Trimethyl... | 15.738 | 2.6 | ng/ul | 26933 | 3 | 14.986 | 205956 | 20.0 |
| Benzophenone | 16.320 | 3.4 | ng/ul | 34954 | 3 | 14.986 | 205956 | 20.0 |
| Pyridine, 4-(3-... | 17.454 | 16.3 | ng/ul | 220475 | 4 | 17.730 | 271183 | 20.0 |
| Benzenamine, N-... | 18.270 | 2.3 | ng/ul | 31632 | 4 | 17.730 | 271183 | 20.0 |
| n-Hexadecanoic ... | 18.570 | 2.7 | ng/ul | 36343 | 4 | 17.730 | 271183 | 20.0 |
| Phenanthrene, 2... | 18.640 | 4.0 | ng/ul | 54424 | 4 | 17.730 | 271183 | 20.0 |
| 4H-Cyclopenta[d... | 18.793 | 8.8 | ng/ul | 118804 | 4 | 17.730 | 271183 | 20.0 |
| Naphthalene, 2-... | 19.075 | 4.8 | ng/ul | 65772 | 4 | 17.730 | 271183 | 20.0 |
| 9,10-Anthracene... | 19.128 | 3.5 | ng/ul | 46978 | 4 | 17.730 | 271183 | 20.0 |
| 14-Pentadecenoi... | 19.704 | 2.1 | ng/ul | 28178 | 4 | 17.730 | 271183 | 20.0 |
| Pyrene, 1-methyl- | 20.596 | 2.4 | ng/ul | 80671 | 5 | 22.036 | 660550 | 20.0 |
| Diisooctyl adipate | 21.020 | 11.8 | ng/ul | 388891 | 5 | 22.036 | 660550 | 20.0 |
| 3-Bromo-7-methy... | 22.253 | 2.1 | ng/ul | 68378 | 5 | 22.036 | 660550 | 20.0 |
| Palmitoleamide | 23.569 | 2.8 | ng/ul | 91829 | 5 | 22.036 | 660550 | 20.0 |
| Benzo[e]pyrene | 25.220 | 16.0 | ng/ul | 182182 | 6 | 25.543 | 227577 | 20.0 |