LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BBJG5

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-BG091923.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059105.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.611 | 34 | 38 | 44 | rVB4 | 10505 | 17263 | 0.61% | 0.113% |
| 2 | 4.046 | 107 | 112 | 121 | rBV | 32691 | 57264 | 2.02% | 0.376% |
| 3 | 4.258 | 144 | 148 | 151 | rVB2 | 8877 | 10845 | 0.38% | 0.071% |
| 4 | 4.916 | 254 | 260 | 271 | rVB2 | 43659 | 72150 | 2.54% | 0.473% |
| 5 | 7.201 | 644 | 649 | 654 | rVB2 | 4458 | 7690 | 0.27% | 0.050% |
| 6 | 7.407 | 678 | 684 | 693 | rVB2 | 36205 | 63397 | 2.24% | 0.416% |
| 7 | 7.618 | 713 | 720 | 726 | rVB | 117618 | 188196 | 6.64% | 1.234% |
| 8 | 7.812 | 745 | 753 | 762 | rVB2 | 109131 | 182878 | 6.45% | 1.200% |
| 9 | 8.188 | 812 | 817 | 822 | rVB3 | 4367 | 6688 | 0.24% | 0.044% |
| 10 | 8.300 | 829 | 836 | 843 | rBV | 109850 | 184937 | 6.52% | 1.213% |
| 11 | 8.447 | 857 | 861 | 866 | rBV2 | 3729 | 6670 | 0.24% | 0.044% |
| 12 | 8.764 | 911 | 915 | 919 | rBV2 | 4361 | 6496 | 0.23% | 0.043% |
| 13 | 8.893 | 933 | 937 | 944 | rBV3 | 3415 | 5962 | 0.21% | 0.039% |
| 14 | 8.976 | 944 | 951 | 960 | rVV2 | 105353 | 181216 | 6.39% | 1.189% |
| 15 | 9.105 | 966 | 973 | 977 | rBV3 | 2140 | 3727 | 0.13% | 0.024% |
| 16 | 9.493 | 1030 | 1039 | 1046 | rVB | 143211 | 251075 | 8.86% | 1.647% |
| 17 | 10.215 | 1154 | 1162 | 1170 | rVB | 110957 | 203208 | 7.17% | 1.333% |
| 18 | 10.427 | 1194 | 1198 | 1203 | rBV2 | 3081 | 4319 | 0.15% | 0.028% |
| 19 | 10.503 | 1207 | 1211 | 1216 | rVB2 | 3045 | 4483 | 0.16% | 0.029% |
| 20 | 10.738 | 1242 | 1251 | 1262 | rBV | 175417 | 316582 | 11.17% | 2.077% |
| 21 | 11.144 | 1313 | 1320 | 1327 | rBV | 174146 | 310386 | 10.95% | 2.036% |
| 22 | 11.285 | 1336 | 1344 | 1353 | rBV | 152052 | 278998 | 9.84% | 1.830% |
| 23 | 12.706 | 1581 | 1586 | 1588 | rVB | 2867 | 3667 | 0.13% | 0.024% |
| 24 | 13.676 | 1746 | 1751 | 1756 | rVB4 | 7833 | 11100 | 0.39% | 0.073% |
| 25 | 13.752 | 1760 | 1764 | 1771 | rVB3 | 4940 | 7074 | 0.25% | 0.046% |
| 26 | 14.322 | 1851 | 1861 | 1867 | rBV | 376577 | 549068 | 19.37% | 3.602% |
| 27 | 14.628 | 1906 | 1913 | 1921 | rVB | 416681 | 674271 | 23.78% | 4.423% |
| 28 | 14.810 | 1940 | 1944 | 1948 | rBV | 3024 | 3735 | 0.13% | 0.024% |
| 29 | 14.927 | 1957 | 1964 | 1972 | rBV | 284965 | 435462 | 15.36% | 2.856% |
| 30 | 15.092 | 1985 | 1992 | 2003 | rBV2 | 44263 | 71787 | 2.53% | 0.471% |
| 31 | 15.691 | 2090 | 2094 | 2097 | rBV | 9833 | 11574 | 0.41% | 0.076% |
| 32 | 15.914 | 2125 | 2132 | 2138 | rBV | 561539 | 853194 | 30.09% | 5.597% |
| 33 | 15.961 | 2138 | 2140 | 2144 | rVB | 2471 | 3125 | 0.11% | 0.020% |
| 34 | 16.020 | 2144 | 2150 | 2157 | rBV | 192396 | 288467 | 10.18% | 1.892% |
| 35 | 16.555 | 2235 | 2241 | 2243 | rBV2 | 4720 | 5564 | 0.20% | 0.036% |
| 36 | 16.608 | 2248 | 2250 | 2257 | rBV3 | 3826 | 6125 | 0.22% | 0.040% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BBJG5

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-BG091923.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.219 | 2351 | 2354 | 2362 | rBV3 | 2661 | 4809 | 0.17% | 0.032% |
| 38 | 17.342 | 2372 | 2375 | 2380 | rVV3 | 6117 | 7146 | 0.25% | 0.047% |
| 39 | 17.383 | 2380 | 2382 | 2387 | rVB2 | 2224 | 2861 | 0.10% | 0.019% |
| 40 | 17.677 | 2426 | 2432 | 2440 | rVB | 353523 | 532863 | 18.80% | 3.495% |
| 41 | 17.777 | 2442 | 2449 | 2458 | rBV2 | 662818 | 988134 | 34.85% | 6.482% |
| 42 | 18.088 | 2499 | 2502 | 2506 | rVB3 | 4571 | 5177 | 0.18% | 0.034% |
| 43 | 18.159 | 2510 | 2514 | 2517 | rBV5 | 3410 | 4368 | 0.15% | 0.029% |
| 44 | 18.494 | 2567 | 2571 | 2579 | rBV2 | 44996 | 66185 | 2.33% | 0.434% |
| 45 | 19.111 | 2674 | 2676 | 2678 | rBV2 | 3329 | 3055 | 0.11% | 0.020% |
| 46 | 19.234 | 2695 | 2697 | 2698 | rBV2 | 3642 | 2884 | 0.10% | 0.019% |
| 47 | 19.393 | 2722 | 2724 | 2727 | rBV4 | 2665 | 2981 | 0.11% | 0.020% |
| 48 | 19.622 | 2756 | 2763 | 2765 | rBV6 | 12022 | 20158 | 0.71% | 0.132% |
| 49 | 19.687 | 2765 | 2774 | 2776 | rVV4 | 8368 | 18017 | 0.64% | 0.118% |
| 50 | 19.757 | 2782 | 2786 | 2793 | rBV4 | 32144 | 47175 | 1.66% | 0.309% |
| 51 | 19.898 | 2806 | 2810 | 2814 | rBV4 | 6960 | 9463 | 0.33% | 0.062% |
| 52 | 19.969 | 2818 | 2822 | 2827 | rVB6 | 5216 | 8193 | 0.29% | 0.054% |
| 53 | 20.051 | 2830 | 2836 | 2842 | rVB | 767278 | 1102239 | 38.88% | 7.230% |
| 54 | 20.503 | 2909 | 2913 | 2915 | rBV4 | 8143 | 10055 | 0.35% | 0.066% |
| 55 | 20.580 | 2924 | 2926 | 2927 | rBV2 | 4987 | 3319 | 0.12% | 0.022% |
| 56 | 20.674 | 2939 | 2942 | 2945 | rBV4 | 4310 | 6485 | 0.23% | 0.043% |
| 57 | 21.003 | 2996 | 2998 | 3002 | rVB3 | 10351 | 11079 | 0.39% | 0.073% |
| 58 | 21.537 | 3086 | 3089 | 3098 | rBV4 | 17808 | 27547 | 0.97% | 0.181% |
| 59 | 21.996 | 3161 | 3167 | 3174 | rVB2 | 283660 | 498249 | 17.57% | 3.268% |
| 60 | 22.119 | 3184 | 3188 | 3194 | rVB | 22215 | 29158 | 1.03% | 0.191% |
| 61 | 22.436 | 3240 | 3242 | 3246 | rVB5 | 7517 | 8176 | 0.29% | 0.054% |
| 62 | 22.771 | 3295 | 3299 | 3307 | rVB5 | 20874 | 41998 | 1.48% | 0.275% |
| 63 | 23.529 | 3423 | 3428 | 3440 | rVB2 | 28897 | 62102 | 2.19% | 0.407% |
| 64 | 23.741 | 3458 | 3464 | 3472 | rVB2 | 44640 | 92718 | 3.27% | 0.608% |
| 65 | 23.952 | 3499 | 3500 | 3502 | rBV2 | 4466 | 3475 | 0.12% | 0.023% |
| 66 | 24.410 | 3572 | 3578 | 3585 | rBV3 | 30866 | 66310 | 2.34% | 0.435% |
| 67 | 24.628 | 3612 | 3615 | 3617 | rBV4 | 5912 | 6754 | 0.24% | 0.044% |
| 68 | 25.298 | 3717 | 3729 | 3742 | rBV2 | 366783 | 1113688 | 39.28% | 7.305% |
| 69 | 25.462 | 3751 | 3757 | 3762 | rBV2 | 24533 | 60652 | 2.14% | 0.398% |
| 70 | 25.544 | 3763 | 3771 | 3783 | rVB2 | 180912 | 559940 | 19.75% | 3.673% |
| 71 | 26.719 | 3965 | 3971 | 3972 | rBV4 | 19188 | 32557 | 1.15% | 0.214% |
| 72 | 27.419 | 4075 | 4090 | 4109 | rBV4 | 728757 | 2835045 | 100.00% | 18.597% |
| 73 | 28.006 | 4178 | 4190 | 4203 | rBV6 | 199982 | 740267 | 26.11% | 4.856% |
| 74 | 29.081 | 4359 | 4373 | 4375 | rBV8 | 36350 | 104382 | 3.68% | 0.685% |
| 75 | 29.540 | 4442 | 4451 | 4452 | rBV7 | 10338 | 25047 | 0.88% | 0.164% |
| 76 | 29.751 | 4484 | 4487 | 4490 | rBV4 | 4706 | 7362 | 0.26% | 0.048% |

LSC Area Percent Report

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Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

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-BG091923.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 30.680 | 4630 | 4645 | 4667 | rBV8 | 149467 | 781154 | 27.55% | 5.124% |
| 78 | 31.678 | 4813 | 4815 | 4816 | rBV2 | 4873 | 3144 | 0.11% | 0.021% |

Sum of corrected areas: 15245014

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
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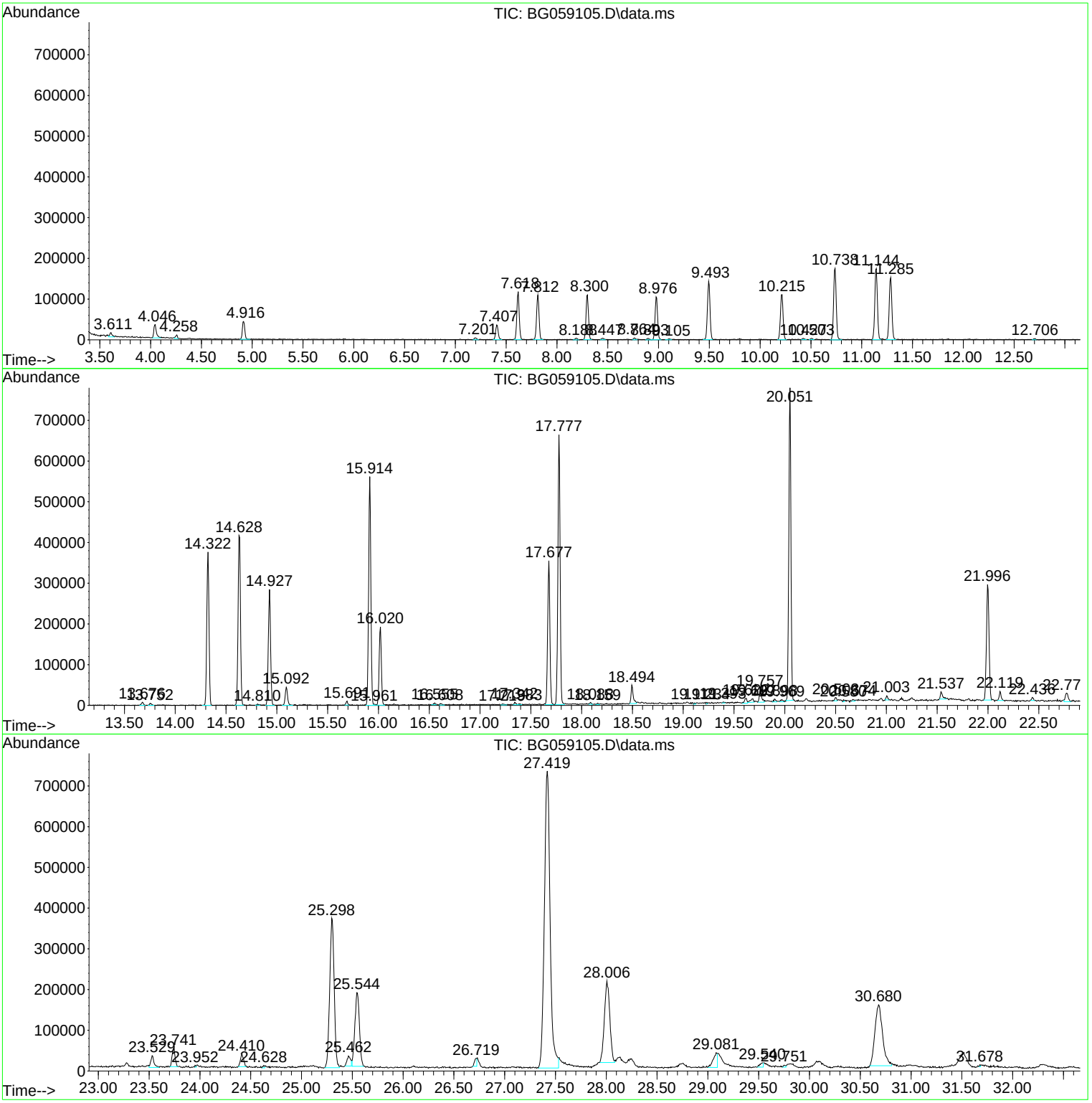
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.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\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

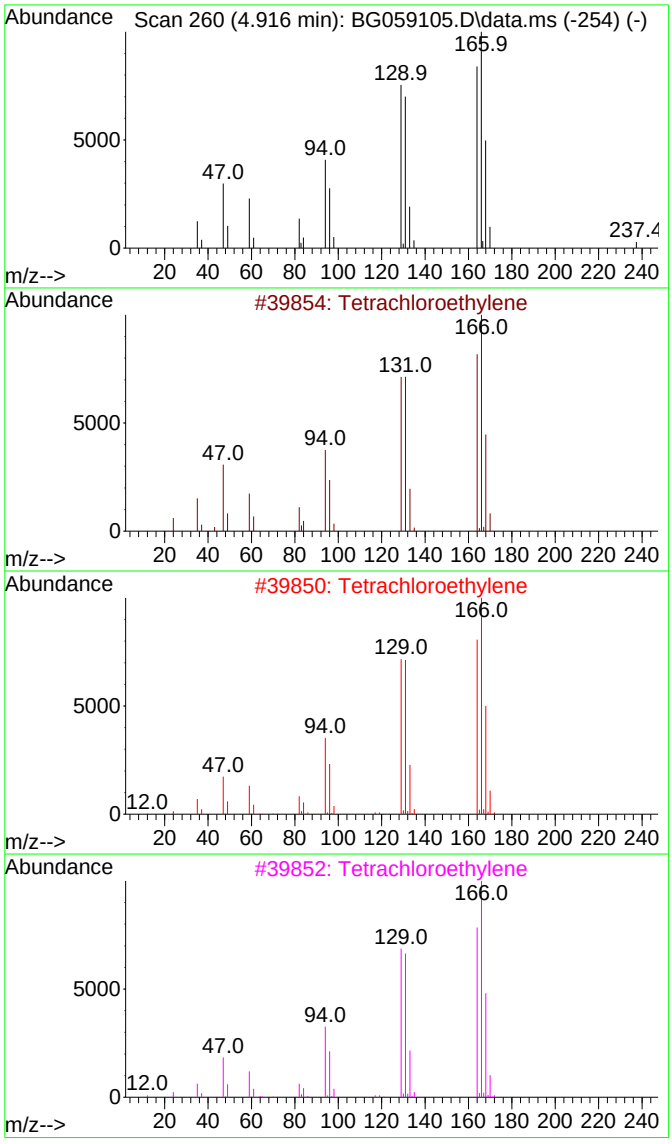
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

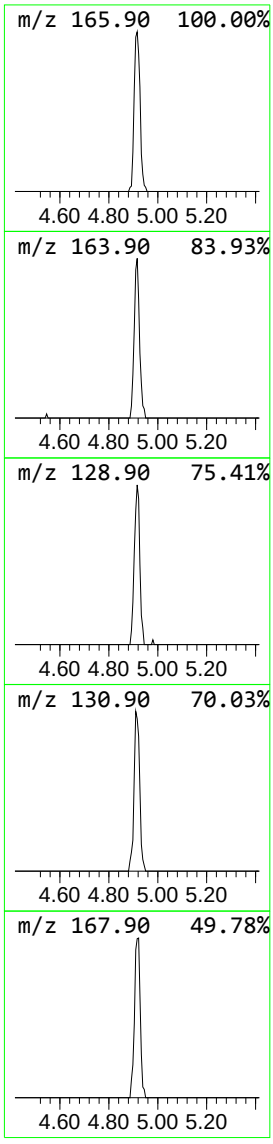
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Tetrachloroethylene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.916 | 7.80 ng/ul | 72150 | 1,4-Dichlorobenzene-d4 | 8.300 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 98 |
| 2 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 97 |
| 3 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 96 |
| 4 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 93 |
| 5 | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HCl2FN2 | 002927-71-1 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

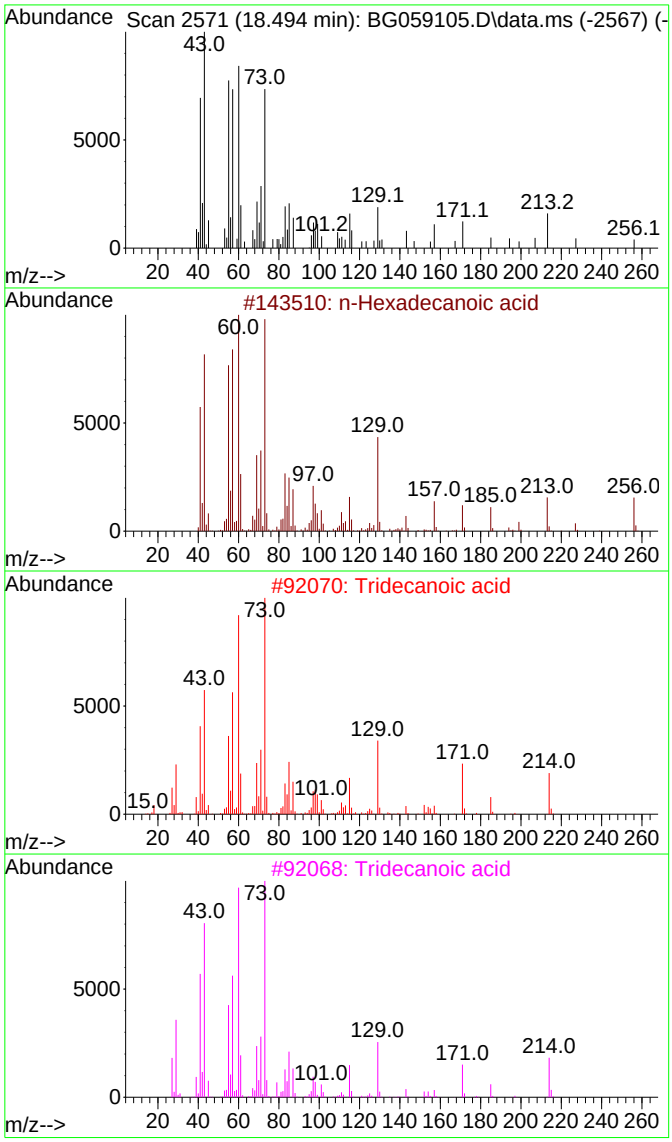
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

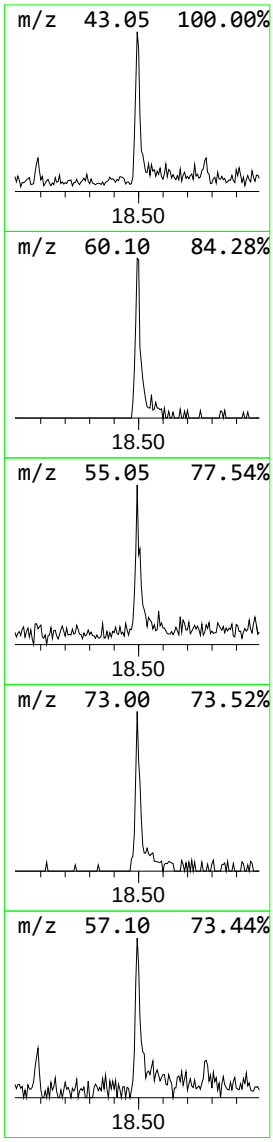
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.494 | 2.48 ng/ul | 66185 | Phenanthrene-d10 | 17.677 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 83 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 80 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 74 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 74 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 72 |



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Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

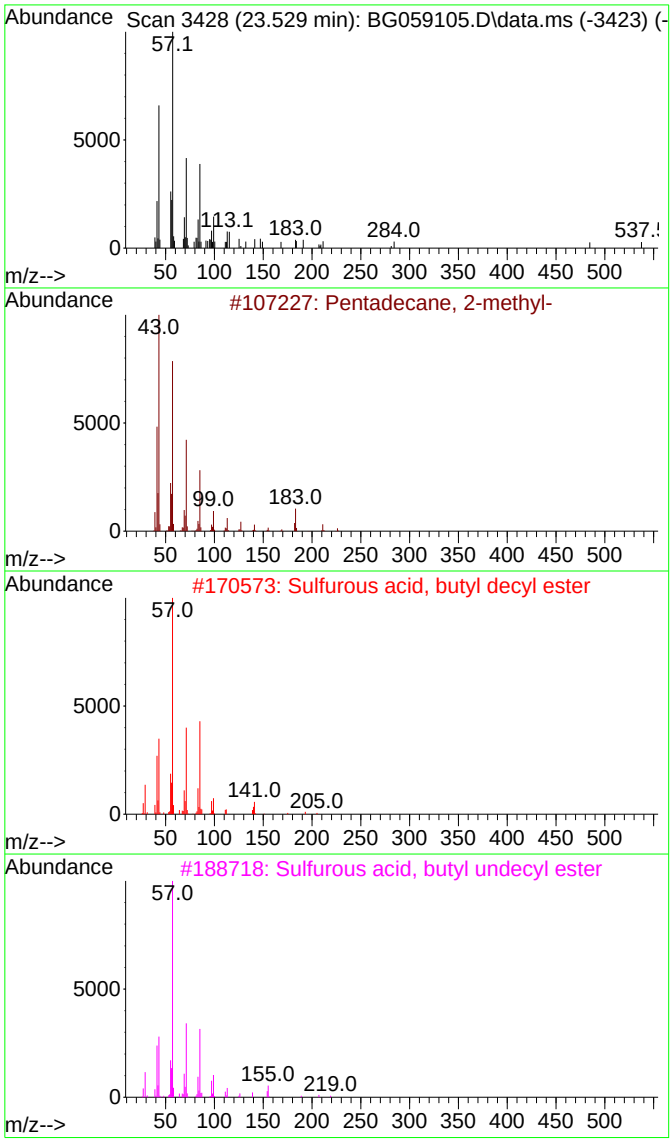
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

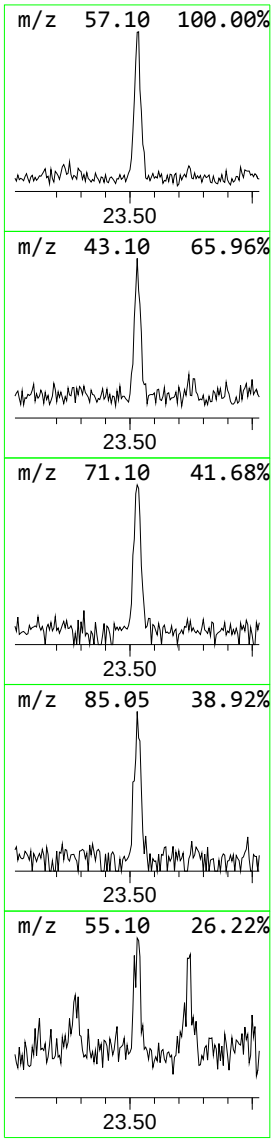
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.529 | 2.49 ng/ul | 62102 | Chrysene-d12 | 21.996 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2-methyl- | 226 | C16H34 | 001560-93-6 | 78 |
| 2 | Sulfurous acid, butyl decyl ester | 278 | C14H30O3S | 1000309-17-7 | 72 |
| 3 | Sulfurous acid, butyl undecyl ester | 292 | C15H32O3S | 1000309-17-8 | 72 |
| 4 | Decane, 3,8-dimethyl- | 170 | C12H26 | 017312-55-9 | 72 |
| 5 | Undecane, 2,9-dimethyl- | 184 | C13H28 | 017301-26-7 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

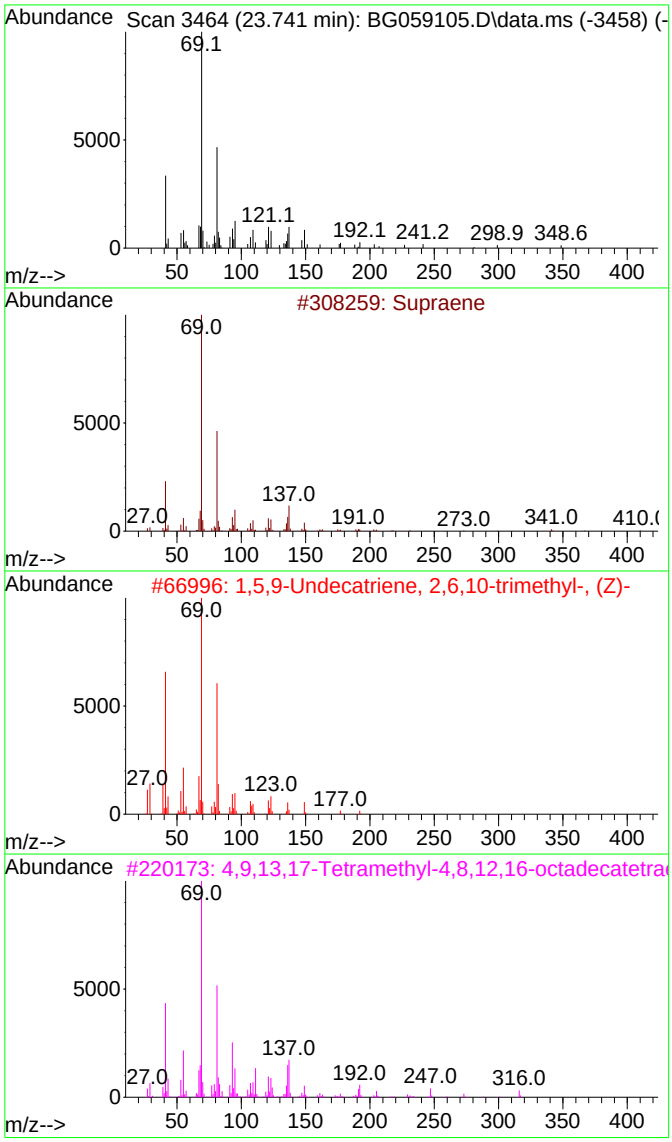
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

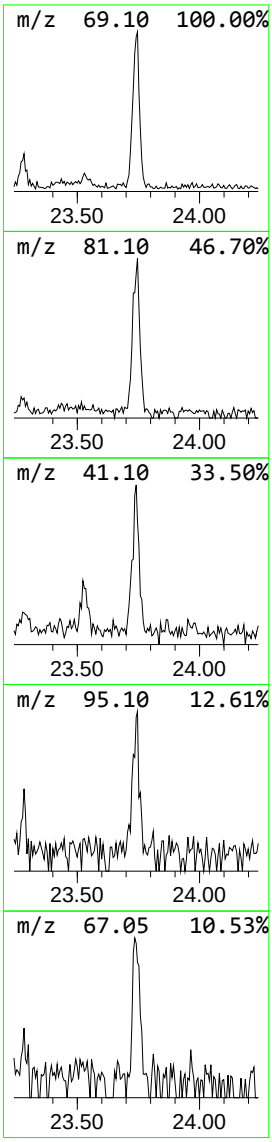
**********

Peak Number 4 Supraene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.741 | 3.72 ng/ul | 92718 | Chrysene-d12 | 21.996 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 80 |
| 2 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 80 |
| 3 | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O | 056882-09-8 | 78 |
| 4 | 6,10,14-Hexadecatrien-1-ol, 3,7,... | 292 | C20H36O | 036237-66-8 | 64 |
| 5 | 1,6,10,14-Hexadecatetraen-3-ol, ... | 290 | C20H34O | 001113-21-9 | 64 |



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Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

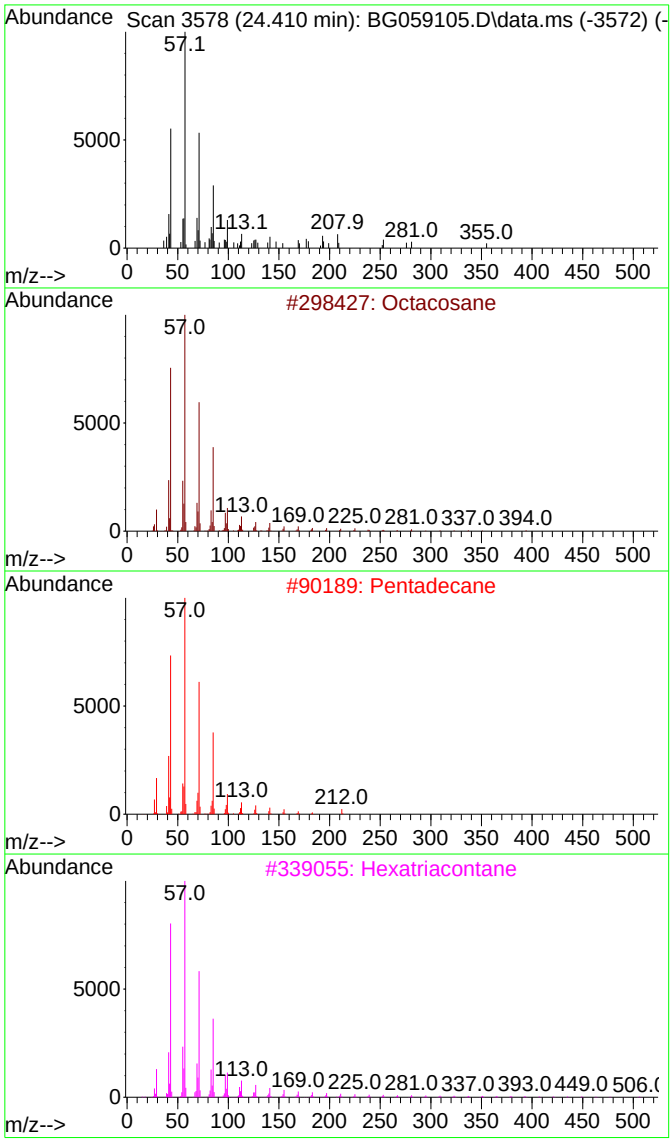
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

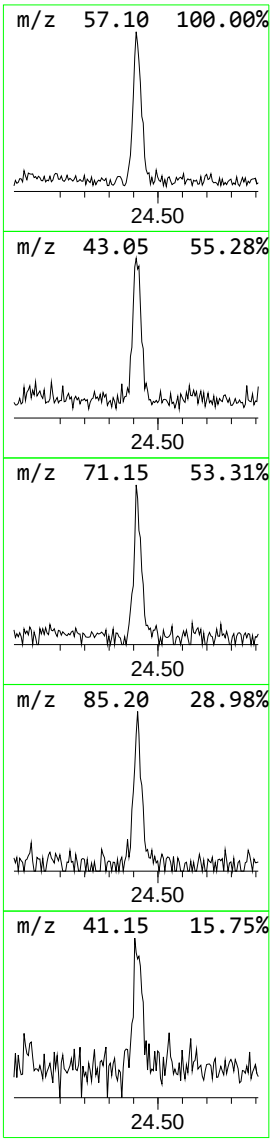
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.410 | 2.37 ng/ul | 66310 | Perylene-d12 | 25.544 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 74 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 72 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 72 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 72 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

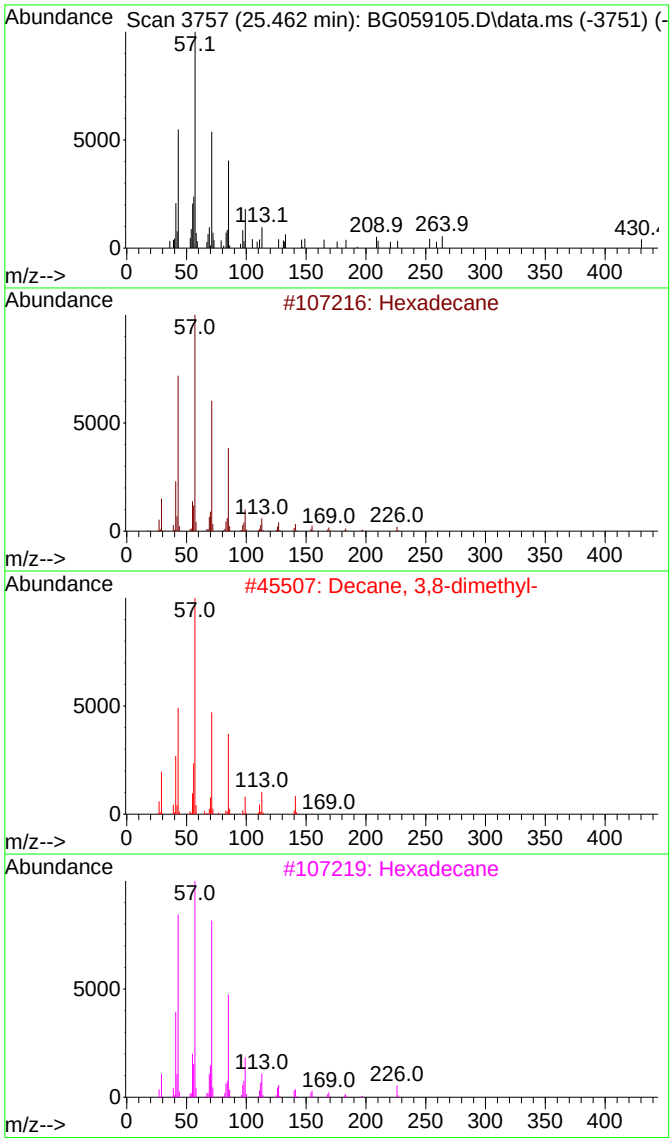
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

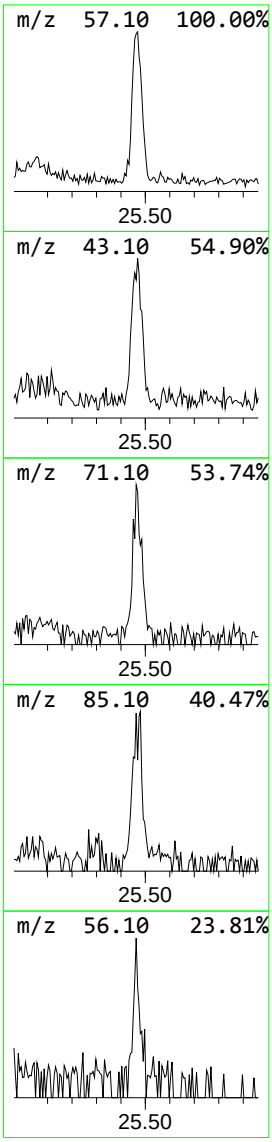
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.462 | 2.17 ng/ul | 60652 | Perylene-d12 | 25.544 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 2 | Decane, 3,8-dimethyl- | 170 | C12H26 | 017312-55-9 | 72 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 64 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

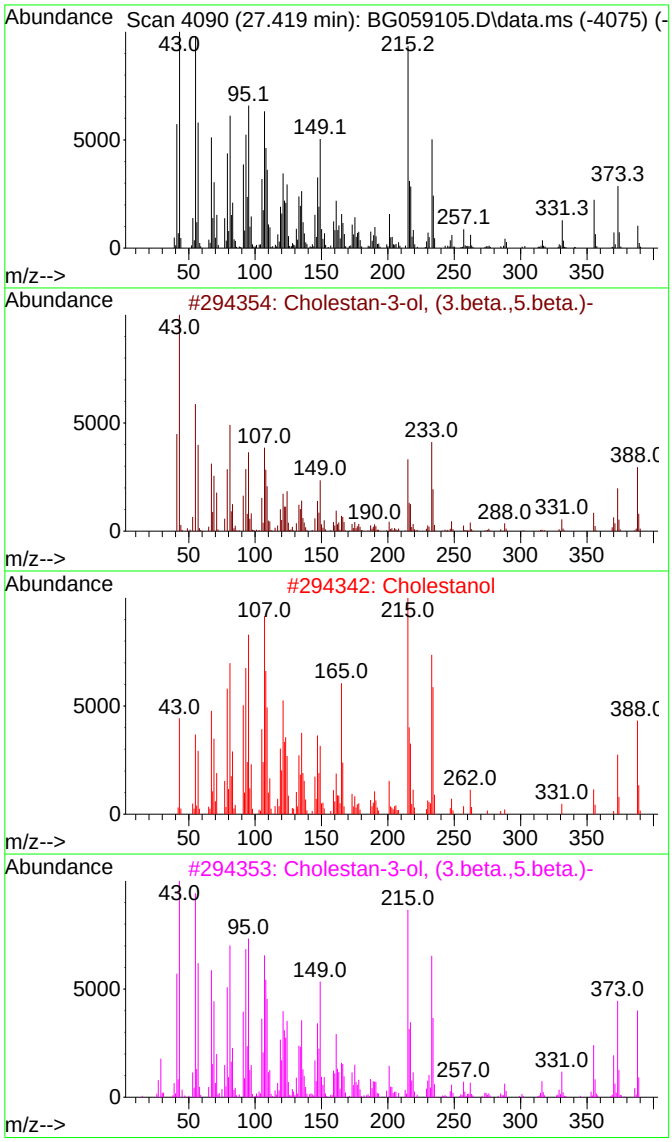
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

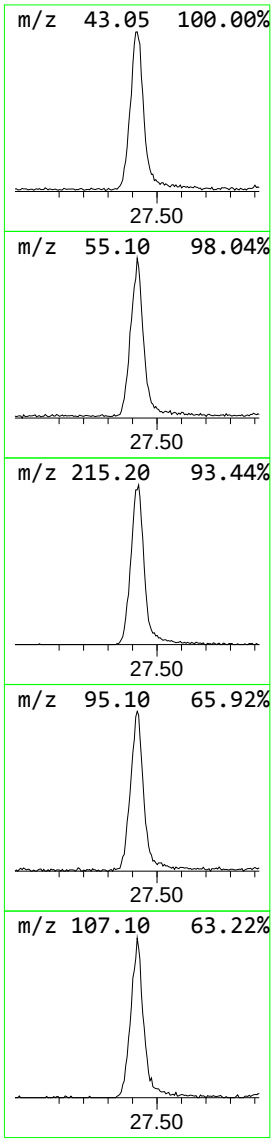
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.419 | 101.26 ng/ul | 2835050 | Perylene-d12 | 25.544 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cholestan-3-ol, (3.beta.,5.beta.)- | 388 | C27H48O | 000360-68-9 | 68 |
| 2 | Cholestanol | 388 | C27H48O | 000080-97-7 | 64 |
| 3 | Cholestan-3-ol, (3.beta.,5.beta.)- | 388 | C27H48O | 000360-68-9 | 59 |
| 4 | Cholestan-3-ol | 388 | C27H48O | 027409-41-2 | 50 |
| 5 | cis-3-[2-Hydroxy-4-(2-methyl-2-n... | 332 | C22H36O2 | 1000370-41-9 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

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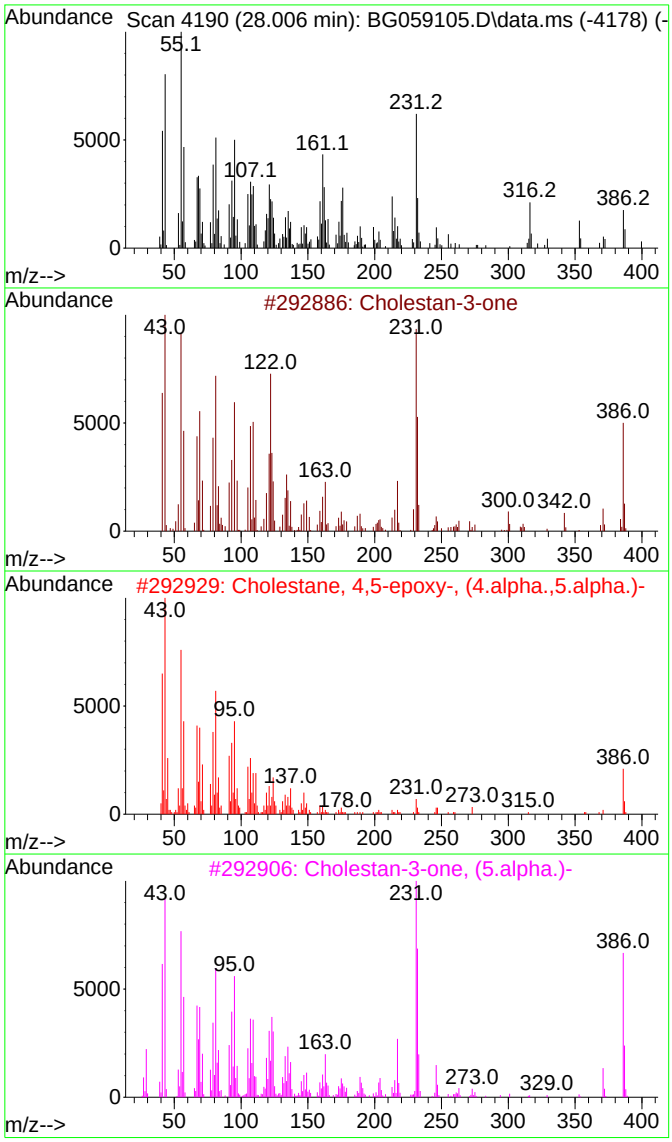
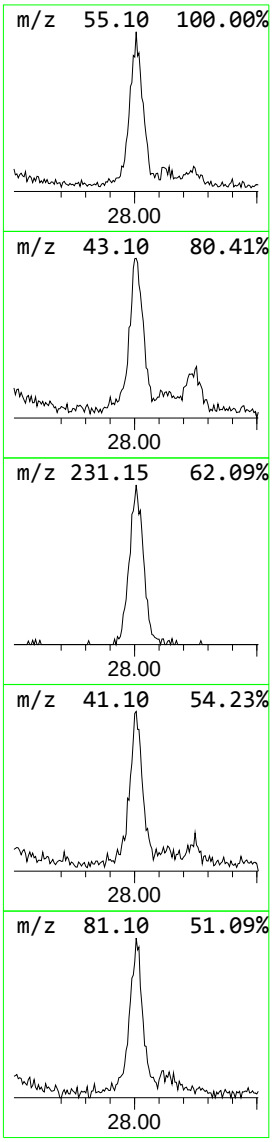
Peak Number 8 Cholestan-3-one Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 28.006 | 26.44 ng/ul | 740267 | Perylene-d12 | 25.544 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cholestan-3-one | 386 | C27H46O | 015600-08-5 | 62 |
| 2 | Cholestane, 4,5-epoxy-, (4.alpha... | 386 | C27H46O | 006079-19-2 | 56 |
| 3 | Cholestan-3-one, (5.alpha.)- | 386 | C27H46O | 000566-88-1 | 47 |
| 4 | Cholestan-2-one | 386 | C27H46O | 1010210-43-4 | 38 |
| 5 | Cholestan-3-one, (5.beta.)- | 386 | C27H46O | 000601-53-6 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

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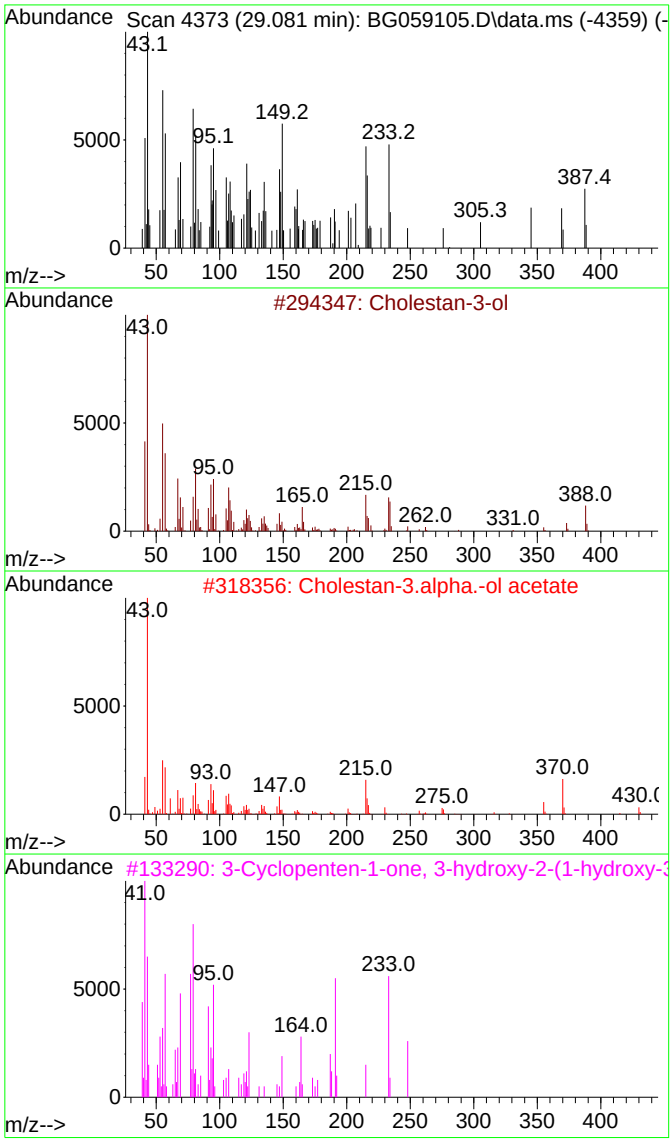
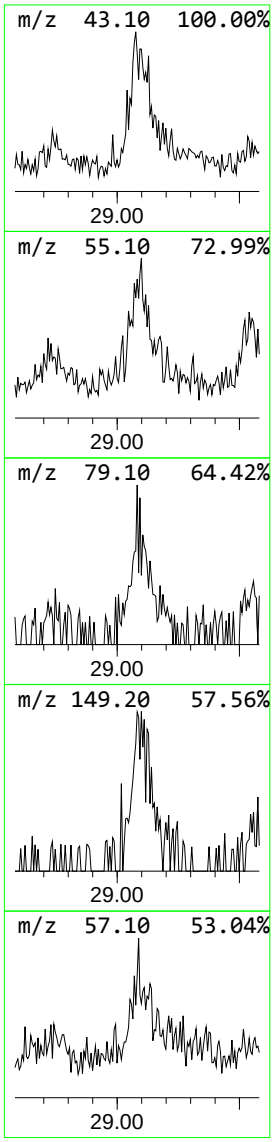
Peak Number 9 unknown-01 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 29.081 | 3.73 ng/ul | 104382 | Perylene-d12 | 25.544 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cholestan-3-ol | 388 | C27H48O | 027409-41-2 | 43 |
| 2 | Cholestan-3.alpha.-ol acetate | 430 | C29H50O2 | 022213-55-4 | 14 |
| 3 | 3-Cyclopenten-1-one, 3-hydroxy-2... | 248 | C15H20O3 | 038574-23-1 | 12 |
| 4 | 5.beta.-Cholestan-3.alpha.-ol, 2... | 458 | C31H54O2 | 1000514-95-7 | 10 |
| 5 | 5.beta.-Cholestan-3.alpha.-ol, a... | 430 | C29H50O2 | 033157-47-0 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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

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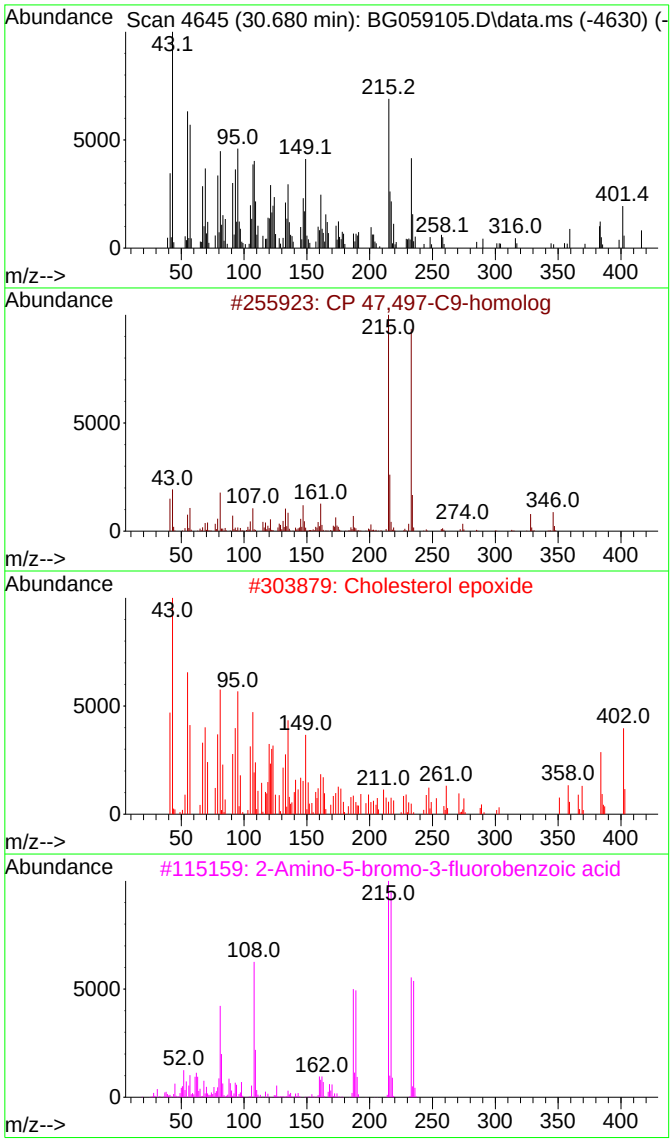
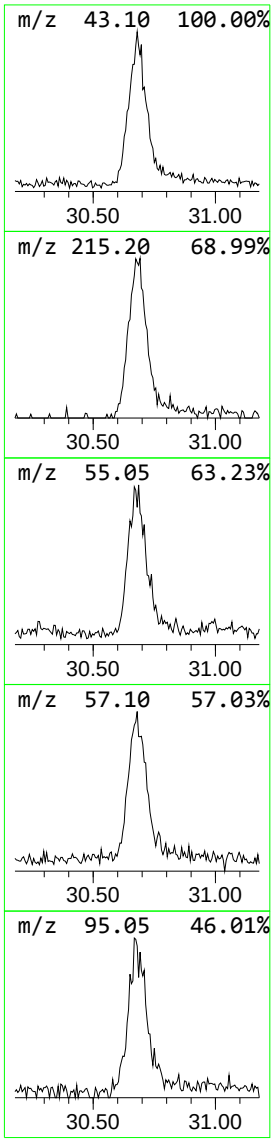
Peak Number 10 unknown-02 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 30.680 | 27.90 ng/ul | 781154 | Perylene-d12 | 25.544 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | CP 47,497-C9-homolog | 346 | C23H38O2 | 070435-08-4 | 49 |
| 2 | Cholesterol epoxide | 402 | C27H46O2 | 001250-95-9 | 35 |
| 3 | 2-Amino-5-bromo-3-fluorobenzoic ... | 233 | C7H5BrFNO2 | 874784-14-2 | 27 |
| 4 | 5-(2-Methyloctan-2-yl)-3-(1R,3R-... | 332 | C22H36O2 | 070434-92-3 | 27 |
| 5 | CP 47,497 (n=7) | 318 | C21H34O2 | 070434-82-1 | 27 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059105.D
Acq On : 20 Sep 2023 12:01
Operator : MA/JU
Sample : 04378-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.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 |
| Tetrachloroethy... | 4.916 | 7.8 | ng/ul | 72150 | 1 | 8.300 | 184937 | 20.0 |
| n-Hexadecanoic ... | 18.494 | 2.5 | ng/ul | 66185 | 4 | 17.677 | 532863 | 20.0 |
| (DEL) Alkane: S... | 23.529 | 2.5 | ng/ul | 62102 | 5 | 21.996 | 498249 | 20.0 |
| Supraene | 23.741 | 3.7 | ng/ul | 92718 | 5 | 21.996 | 498249 | 20.0 |
| (DEL) Alkane: S... | 24.410 | 2.4 | ng/ul | 66310 | 6 | 25.544 | 559940 | 20.0 |
| (DEL) Alkane: S... | 25.462 | 2.2 | ng/ul | 60652 | 6 | 25.544 | 559940 | 20.0 |
| Cholestan-3-ol,... | 27.419 | 101.3 | ng/ul | 2835050 | 6 | 25.544 | 559940 | 20.0 |
| Cholestan-3-one | 28.006 | 26.4 | ng/ul | 740267 | 6 | 25.544 | 559940 | 20.0 |
| unknown-01 | 29.081 | 3.7 | ng/ul | 104382 | 6 | 25.544 | 559940 | 20.0 |
| unknown-02 | 30.680 | 27.9 | ng/ul | 781154 | 6 | 25.544 | 559940 | 20.0 |