LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BGLD3

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-BG121421.M
Title : SVOA CALIBRATION

Signal : TIC: BG051786.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.768 | 368 | 388 | 395 | rVV | 10801071 | 27062210 | 19.77% | 2.973% |
| 2 | 5.932 | 395 | 416 | 423 | rVB | 19678617 | 70307245 | 51.37% | 7.723% |
| 3 | 6.273 | 467 | 474 | 483 | rVB2 | 10487062 | 20956881 | 15.31% | 2.302% |
| 4 | 6.525 | 510 | 517 | 525 | rBV5 | 1098014 | 2825065 | 2.06% | 0.310% |
| 5 | 6.649 | 531 | 538 | 545 | rVB2 | 844847 | 1757841 | 1.28% | 0.193% |
| 6 | 6.743 | 548 | 554 | 562 | rBV5 | 1251546 | 2976826 | 2.18% | 0.327% |
| 7 | 6.819 | 562 | 567 | 571 | rVB | 1441735 | 2195809 | 1.60% | 0.241% |
| 8 | 6.907 | 577 | 582 | 596 | rVB3 | 1629769 | 4184476 | 3.06% | 0.460% |
| 9 | 7.160 | 618 | 625 | 631 | rVB3 | 814566 | 1999578 | 1.46% | 0.220% |
| 10 | 7.260 | 631 | 642 | 647 | rBV3 | 2168540 | 5797044 | 4.24% | 0.637% |
| 11 | 7.318 | 647 | 652 | 655 | rBV | 1857570 | 2778811 | 2.03% | 0.305% |
| 12 | 7.365 | 655 | 660 | 665 | rVV | 3506398 | 5871829 | 4.29% | 0.645% |
| 13 | 7.424 | 665 | 670 | 677 | rVB2 | 3692995 | 6837760 | 5.00% | 0.751% |
| 14 | 7.501 | 677 | 683 | 690 | rVB | 2805982 | 4997853 | 3.65% | 0.549% |
| 15 | 7.606 | 690 | 701 | 706 | rBV6 | 580355 | 1633778 | 1.19% | 0.179% |
| 16 | 7.665 | 706 | 711 | 716 | rBV | 1944707 | 3150943 | 2.30% | 0.346% |
| 17 | 7.912 | 745 | 753 | 756 | rBV | 7624081 | 14610942 | 10.68% | 1.605% |
| 18 | 8.194 | 790 | 801 | 807 | rBV7 | 642353 | 1830095 | 1.34% | 0.201% |
| 19 | 8.264 | 807 | 813 | 819 | rVB | 2132221 | 3747970 | 2.74% | 0.412% |
| 20 | 8.329 | 819 | 824 | 827 | rBV | 733474 | 1521652 | 1.11% | 0.167% |
| 21 | 8.405 | 832 | 837 | 844 | rVV2 | 2118601 | 3807302 | 2.78% | 0.418% |
| 22 | 8.581 | 862 | 867 | 873 | rVV2 | 1141100 | 1915634 | 1.40% | 0.210% |
| 23 | 8.828 | 903 | 909 | 914 | rVV3 | 1667993 | 4078778 | 2.98% | 0.448% |
| 24 | 8.934 | 921 | 927 | 940 | rVB5 | 2119698 | 5492392 | 4.01% | 0.603% |
| 25 | 9.051 | 940 | 947 | 951 | rBV2 | 1283593 | 2302351 | 1.68% | 0.253% |
| 26 | 9.404 | 996 | 1007 | 1012 | rBV2 | 1399074 | 3162153 | 2.31% | 0.347% |
| 27 | 9.533 | 1017 | 1029 | 1033 | rVV | 4907516 | 9325345 | 6.81% | 1.024% |
| 28 | 9.656 | 1038 | 1050 | 1058 | rBV10 | 716240 | 2604267 | 1.90% | 0.286% |
| 29 | 10.520 | 1190 | 1197 | 1202 | rBV5 | 970539 | 2093324 | 1.53% | 0.230% |
| 30 | 11.084 | 1286 | 1293 | 1300 | rVV | 2949025 | 5428048 | 3.97% | 0.596% |
| 31 | 11.178 | 1300 | 1309 | 1315 | rVV | 3690652 | 7505499 | 5.48% | 0.824% |
| 32 | 11.266 | 1319 | 1324 | 1330 | rVB | 939140 | 1576447 | 1.15% | 0.173% |
| 33 | 12.124 | 1463 | 1470 | 1474 | rVV | 1357425 | 2360018 | 1.72% | 0.259% |
| 34 | 12.517 | 1528 | 1537 | 1546 | rBV | 3863583 | 6694238 | 4.89% | 0.735% |
| 35 | 12.764 | 1574 | 1579 | 1586 | rVB | 2666312 | 4609402 | 3.37% | 0.506% |
| 36 | 12.975 | 1609 | 1615 | 1624 | rVB | 1433394 | 2582971 | 1.89% | 0.284% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

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-BG121421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.451 | 1691 | 1696 | 1702 | rVB | 1832665 | 2723368 | 1.99% | 0.299% |
| 38 | 13.751 | 1737 | 1747 | 1753 | rBV2 | 8446051 | 16115139 | 11.78% | 1.770% |
| 39 | 14.080 | 1798 | 1803 | 1805 | rBV | 1193776 | 1951140 | 1.43% | 0.214% |
| 40 | 14.244 | 1825 | 1831 | 1836 | rBV3 | 2208114 | 4033572 | 2.95% | 0.443% |
| 41 | 14.297 | 1836 | 1840 | 1845 | rVB | 2291711 | 3375846 | 2.47% | 0.371% |
| 42 | 14.356 | 1845 | 1850 | 1853 | rBV3 | 1445747 | 2539655 | 1.86% | 0.279% |
| 43 | 14.391 | 1853 | 1856 | 1860 | rVV | 3333157 | 4569020 | 3.34% | 0.502% |
| 44 | 14.426 | 1860 | 1862 | 1866 | rVV | 1240887 | 1594623 | 1.17% | 0.175% |
| 45 | 14.820 | 1922 | 1929 | 1935 | rBV | 9981915 | 16143244 | 11.80% | 1.773% |
| 46 | 14.885 | 1935 | 1940 | 1944 | rBV3 | 1449543 | 2869165 | 2.10% | 0.315% |
| 47 | 15.131 | 1977 | 1982 | 1989 | rVB3 | 1092534 | 2621281 | 1.92% | 0.288% |
| 48 | 15.313 | 2007 | 2013 | 2017 | rVV3 | 2551191 | 5451797 | 3.98% | 0.599% |
| 49 | 15.360 | 2018 | 2021 | 2024 | rVV | 1751472 | 2714209 | 1.98% | 0.298% |
| 50 | 15.396 | 2024 | 2027 | 2029 | rVV | 1449088 | 2163733 | 1.58% | 0.238% |
| 51 | 15.425 | 2029 | 2032 | 2039 | rVV3 | 2026416 | 3670631 | 2.68% | 0.403% |
| 52 | 15.537 | 2047 | 2051 | 2056 | rVV | 947292 | 1623202 | 1.19% | 0.178% |
| 53 | 15.590 | 2056 | 2060 | 2064 | rVB | 1207018 | 1712457 | 1.25% | 0.188% |
| 54 | 15.772 | 2085 | 2091 | 2094 | rVB | 10218800 | 15258027 | 11.15% | 1.676% |
| 55 | 15.860 | 2102 | 2106 | 2112 | rVB3 | 1492952 | 2793493 | 2.04% | 0.307% |
| 56 | 16.171 | 2151 | 2159 | 2163 | rBV | 4568262 | 8875092 | 6.48% | 0.975% |
| 57 | 16.259 | 2170 | 2174 | 2181 | rVB5 | 1411931 | 2216936 | 1.62% | 0.244% |
| 58 | 16.318 | 2181 | 2184 | 2190 | rBV4 | 1225498 | 2524938 | 1.84% | 0.277% |
| 59 | 16.383 | 2191 | 2195 | 2198 | rVV2 | 1885501 | 2602037 | 1.90% | 0.286% |
| 60 | 16.412 | 2198 | 2200 | 2204 | rVB | 1518178 | 1743099 | 1.27% | 0.191% |
| 61 | 16.641 | 2232 | 2239 | 2241 | rBV | 10740735 | 19418871 | 14.19% | 2.133% |
| 62 | 16.665 | 2241 | 2243 | 2248 | rVB | 8097519 | 9866611 | 7.21% | 1.084% |
| 63 | 16.747 | 2253 | 2257 | 2260 | rBV2 | 2592307 | 4238409 | 3.10% | 0.466% |
| 64 | 16.900 | 2280 | 2283 | 2287 | rVB | 2095361 | 2588373 | 1.89% | 0.284% |
| 65 | 16.947 | 2287 | 2291 | 2292 | rBV | 1346028 | 1812083 | 1.32% | 0.199% |
| 66 | 17.035 | 2303 | 2306 | 2311 | rBV3 | 1180057 | 2276116 | 1.66% | 0.250% |
| 67 | 17.135 | 2319 | 2323 | 2327 | rVB | 5367486 | 8258067 | 6.03% | 0.907% |
| 68 | 17.434 | 2368 | 2374 | 2377 | rBV | 9667292 | 13485947 | 9.85% | 1.481% |
| 69 | 17.487 | 2378 | 2383 | 2387 | rVB2 | 4336634 | 5974726 | 4.37% | 0.656% |
| 70 | 17.569 | 2394 | 2397 | 2410 | rVB2 | 2702665 | 4882807 | 3.57% | 0.536% |
| 71 | 17.669 | 2411 | 2414 | 2420 | rBV5 | 1233498 | 2560500 | 1.87% | 0.281% |
| 72 | 17.728 | 2421 | 2424 | 2431 | rVB | 1925659 | 2968052 | 2.17% | 0.326% |
| 73 | 18.174 | 2495 | 2500 | 2504 | rVB | 9787619 | 13832228 | 10.11% | 1.519% |
| 74 | 18.568 | 2563 | 2567 | 2568 | rBV2 | 2231205 | 3064142 | 2.24% | 0.337% |
| 75 | 18.621 | 2569 | 2576 | 2579 | rBV2 | 7797386 | 18530631 | 13.54% | 2.036% |
| 76 | 18.862 | 2612 | 2617 | 2621 | rBV | 7337799 | 9330872 | 6.82% | 1.025% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

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-BG121421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.120 | 2658 | 2661 | 2665 | rVB2 | 3201587 | 3989998 | 2.92% | 0.438% |
| 78 | 19.473 | 2715 | 2721 | 2726 | rVB2 | 6884314 | 10547636 | 7.71% | 1.159% |
| 79 | 19.655 | 2748 | 2752 | 2756 | rVB | 4087603 | 4985367 | 3.64% | 0.548% |
| 80 | 19.719 | 2758 | 2763 | 2766 | rBV | 7155828 | 11376648 | 8.31% | 1.250% |
| 81 | 19.907 | 2786 | 2795 | 2798 | rBV3 | 10078143 | 22242540 | 16.25% | 2.443% |
| 82 | 20.048 | 2815 | 2819 | 2824 | rVB2 | 5188363 | 6671103 | 4.87% | 0.733% |
| 83 | 20.336 | 2865 | 2868 | 2871 | rBV | 2754628 | 3187341 | 2.33% | 0.350% |
| 84 | 20.371 | 2872 | 2874 | 2880 | rVB | 1671691 | 2152142 | 1.57% | 0.236% |
| 85 | 20.571 | 2903 | 2908 | 2912 | rBV | 6897083 | 8414500 | 6.15% | 0.924% |
| 86 | 20.882 | 2957 | 2961 | 2965 | rVB2 | 2785752 | 3539614 | 2.59% | 0.389% |
| 87 | 21.041 | 2970 | 2988 | 2992 | rBV3 | 25360342 | 117822379 | 86.09% | 12.943% |
| 88 | 21.082 | 2992 | 2995 | 2998 | rVB | 6133884 | 6880244 | 5.03% | 0.756% |
| 89 | 21.341 | 3035 | 3039 | 3043 | rVB | 4367433 | 5811680 | 4.25% | 0.638% |
| 90 | 21.499 | 3063 | 3066 | 3071 | rVB | 2019975 | 2596897 | 1.90% | 0.285% |
| 91 | 21.623 | 3082 | 3087 | 3099 | rVB | 7430247 | 12587819 | 9.20% | 1.383% |
| 92 | 21.946 | 3125 | 3142 | 3148 | rBV6 | 24591467 | 136856553 | 100.00% | 15.034% |
| 93 | 22.222 | 3181 | 3189 | 3194 | rBV2 | 6380365 | 13872831 | 10.14% | 1.524% |
| 94 | 22.686 | 3265 | 3268 | 3271 | rBV | 1542367 | 2076446 | 1.52% | 0.228% |
| 95 | 22.891 | 3297 | 3303 | 3309 | rVB2 | 4869736 | 8966844 | 6.55% | 0.985% |
| 96 | 23.115 | 3336 | 3341 | 3345 | rBV2 | 2744169 | 5779019 | 4.22% | 0.635% |
| 97 | 23.226 | 3353 | 3360 | 3370 | rVB | 4789082 | 12557154 | 9.18% | 1.379% |
| 98 | 23.655 | 3426 | 3433 | 3440 | rVB2 | 3212115 | 7054642 | 5.15% | 0.775% |
| 99 | 24.160 | 3513 | 3519 | 3533 | rVB | 2161673 | 5865625 | 4.29% | 0.644% |
| 100 | 27.379 | 4058 | 4067 | 4084 | rVB | 1768977 | 6937229 | 5.07% | 0.762% |

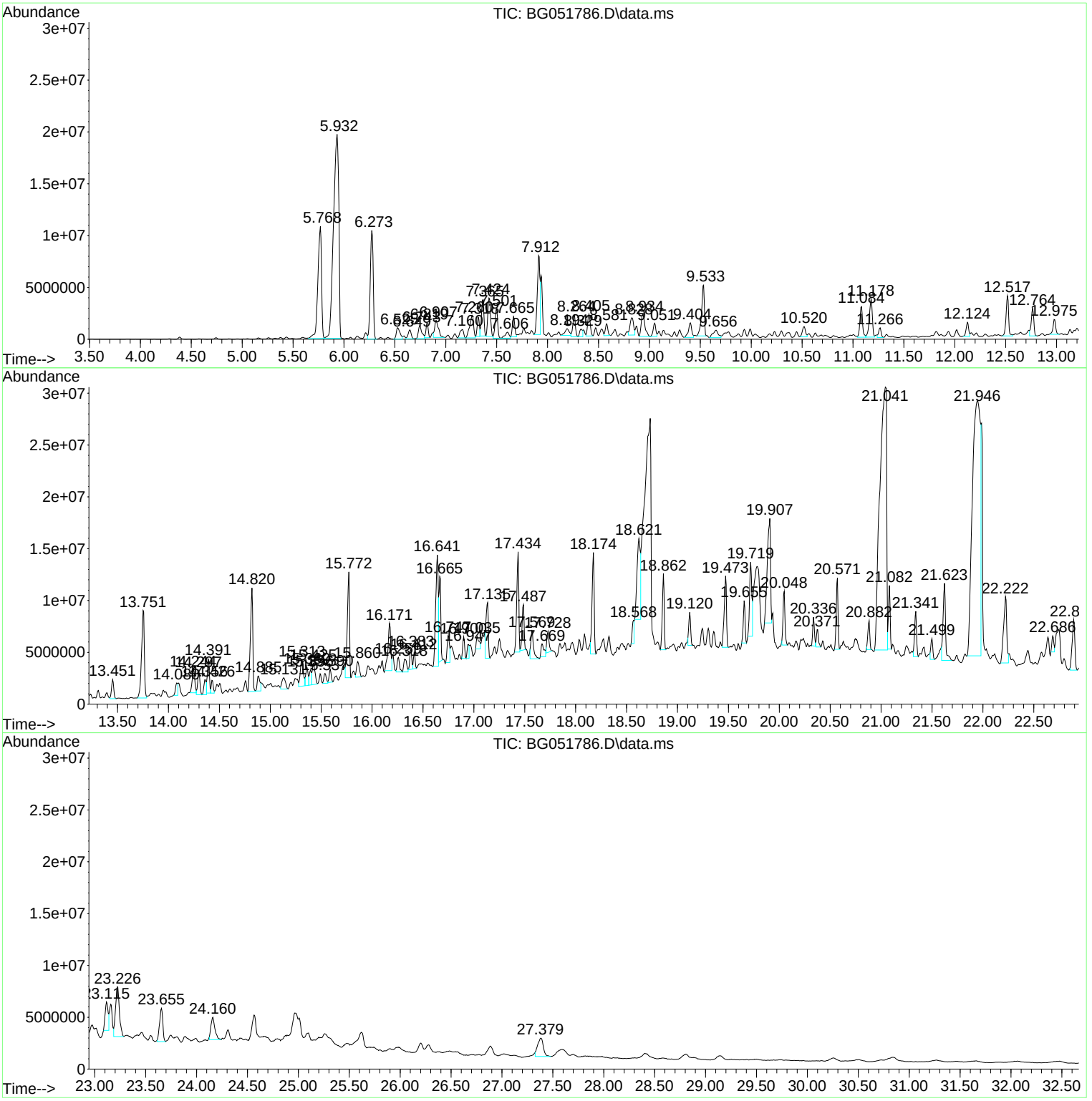
Sum of corrected areas: 910329167

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

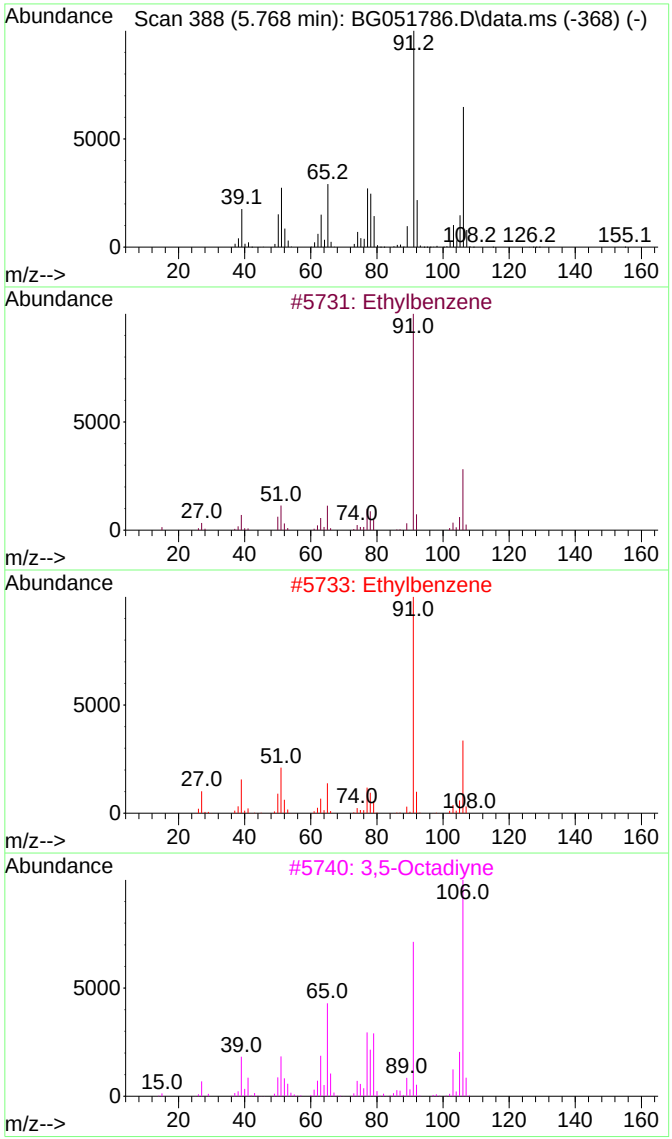
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

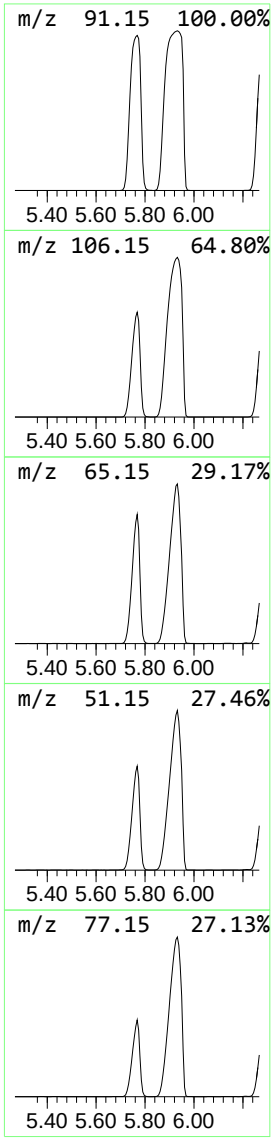
**********

Peak Number 1 Ethylbenzene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.768 | 144.41 ng/ul | 27062200 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 93 |
| 2 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 76 |
| 3 | 3,5-Octadiyne | 106 | C8H10 | 016387-70-5 | 76 |
| 4 | 1,3-Cyclopentadiene, 5-(1-methyl... | 106 | C8H10 | 002175-91-9 | 64 |
| 5 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

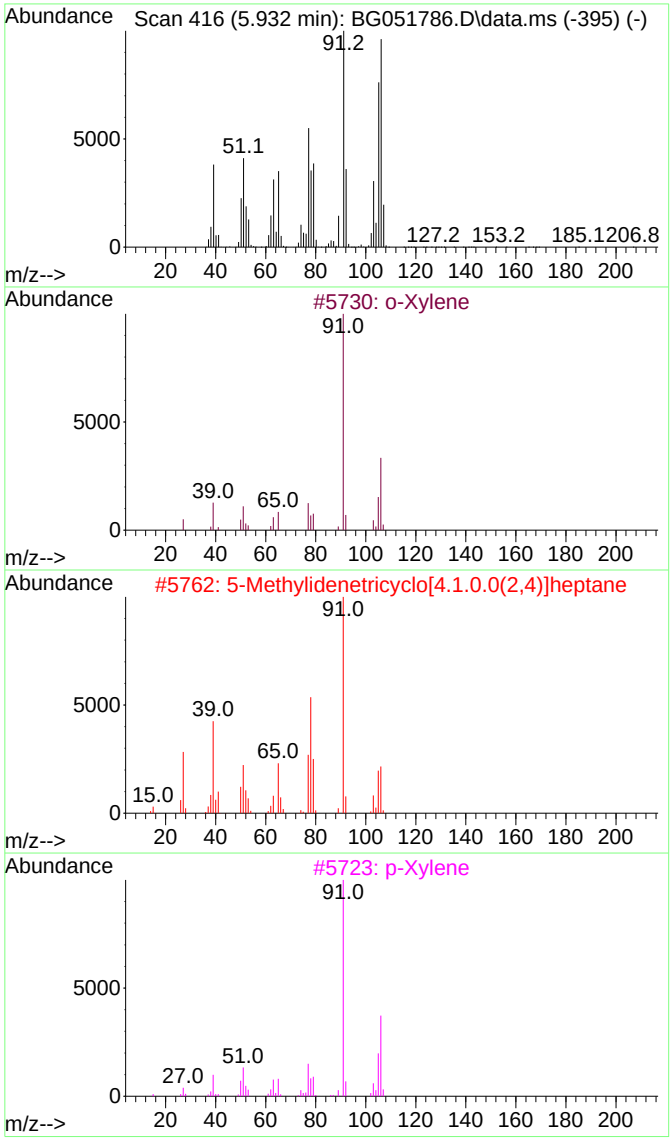
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

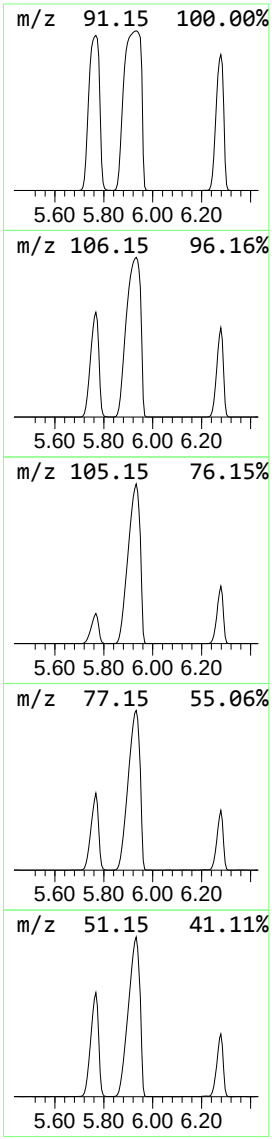
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 o-Xylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.932 | 375.18 ng/ul | 70307200 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Xylene | 106 | C8H10 | 000095-47-6 | 53 |
| 2 | 5-Methylidenetricyclo[4.1.0.0(2,... | 106 | C8H10 | 1000436-95-4 | 52 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 52 |
| 4 | Cyclopentene, 1-ethenyl-3-methyl... | 106 | C8H10 | 061142-07-2 | 47 |
| 5 | o-Xylene | 106 | C8H10 | 000095-47-6 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

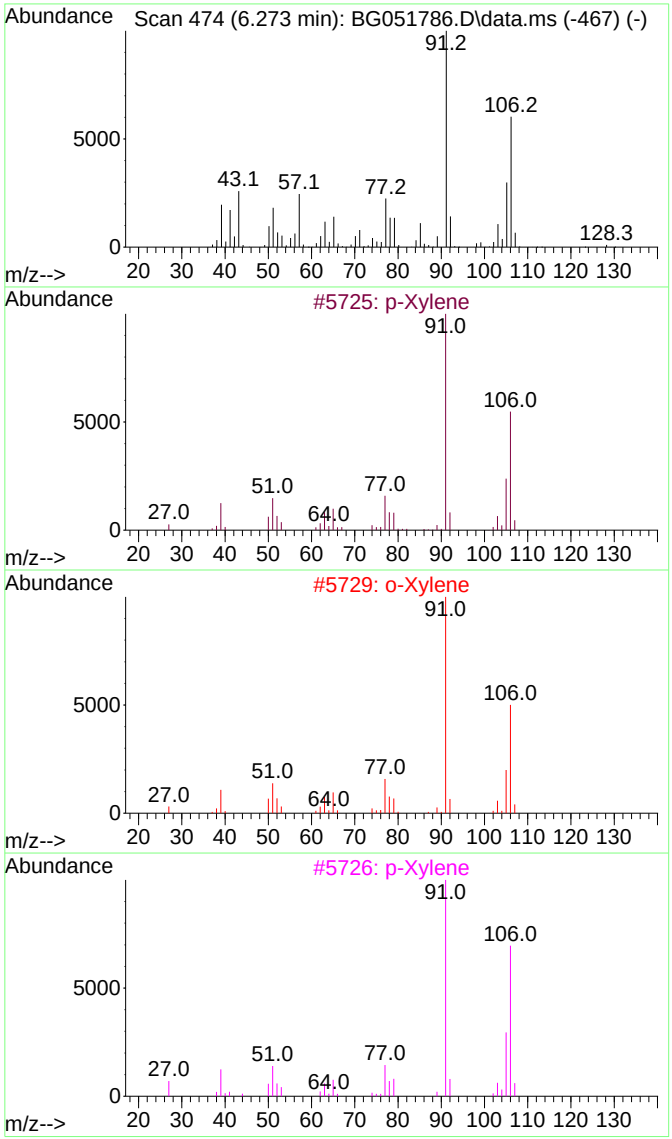
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

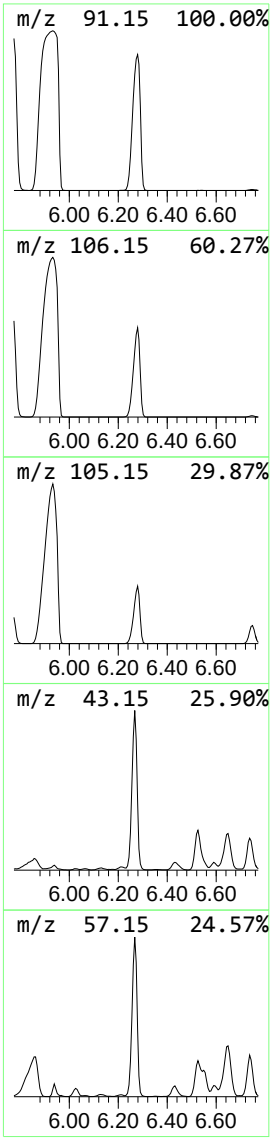
**********

Peak Number 3 p-Xylene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.273 | 111.83 ng/ul | 20956900 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 93 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 93 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 90 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

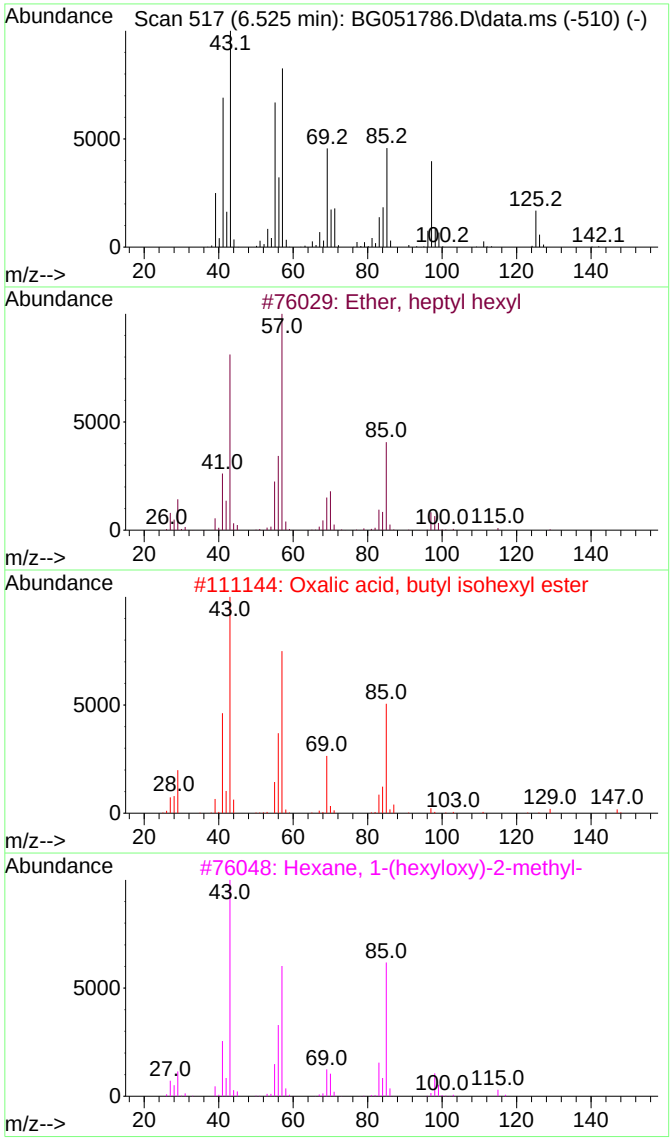
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

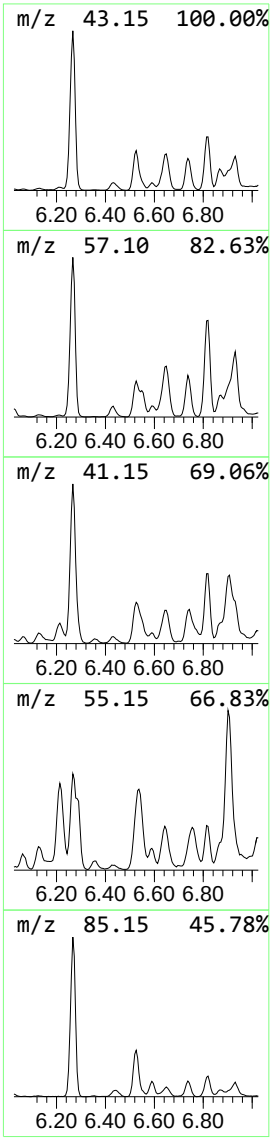
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Ether, heptyl hexyl Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.525 | 15.08 ng/ul | 2825070 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ether, heptyl hexyl | 200 | C13H28O | 007289-40-9 | 50 |
| 2 | Oxalic acid, butyl isohexyl ester | 230 | C12H22O4 | 1000309-32-7 | 43 |
| 3 | Hexane, 1-(hexyloxy)-2-methyl- | 200 | C13H28O | 074421-17-3 | 43 |
| 4 | Hexane, 2,3,3-trimethyl- | 128 | C9H20 | 016747-28-7 | 38 |
| 5 | Hexane, 1,1'-oxybis- | 186 | C12H26O | 000112-58-3 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

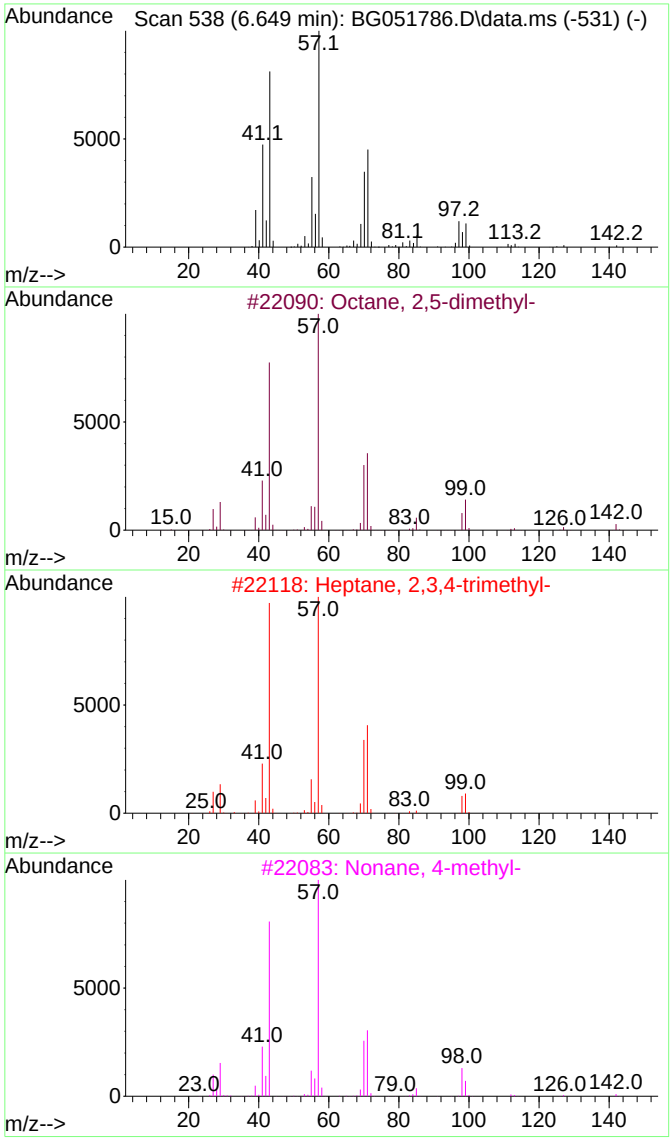
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

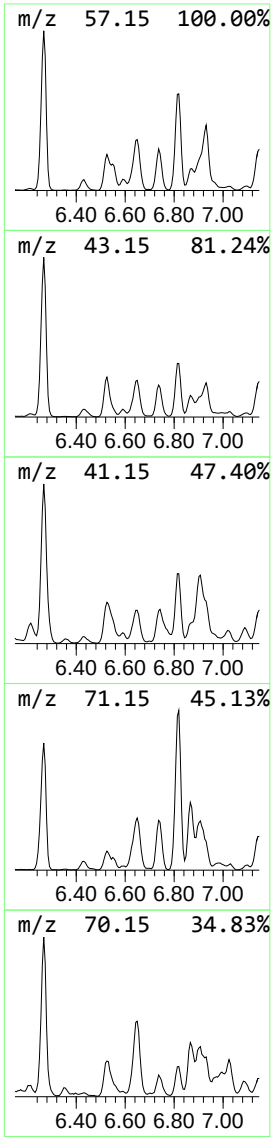
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.649 | 9.38 ng/ul | 1757840 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,5-dimethyl- | 142 | C10H22 | 015869-89-3 | 87 |
| 2 | Heptane, 2,3,4-trimethyl- | 142 | C10H22 | 052896-95-4 | 72 |
| 3 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 72 |
| 4 | Octane, 3,4,5,6-tetramethyl- | 170 | C12H26 | 062185-21-1 | 50 |
| 5 | Sulfurous acid, di(2-ethylhexyl)... | 306 | C16H34O3S | 1000309-19-1 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

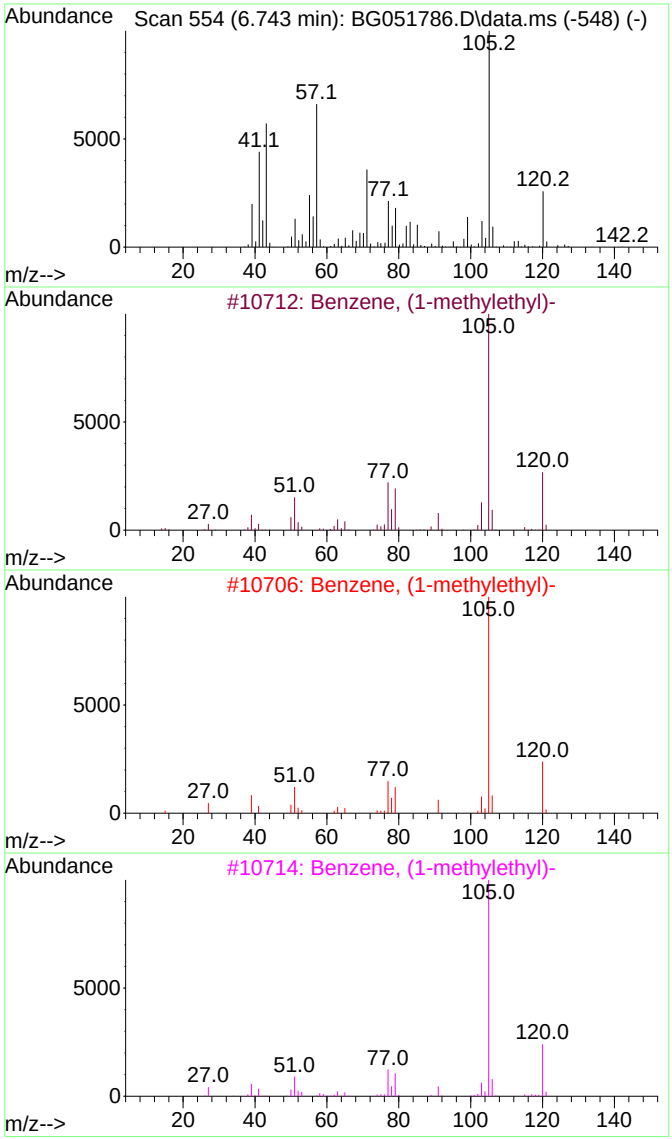
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

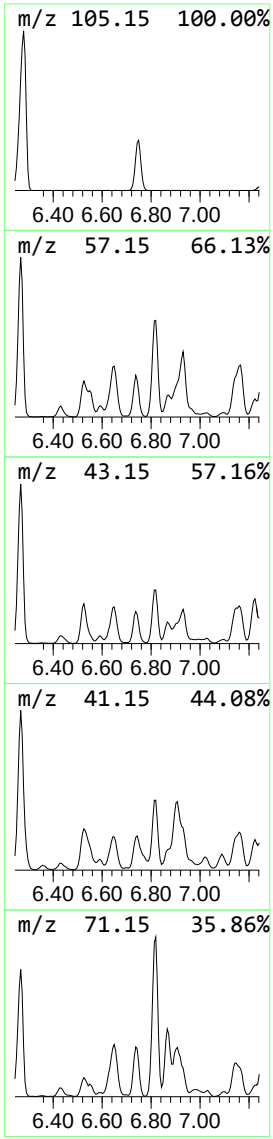
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.743 | 15.89 ng/ul | 2976830 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 95 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 92 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 64 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 64 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

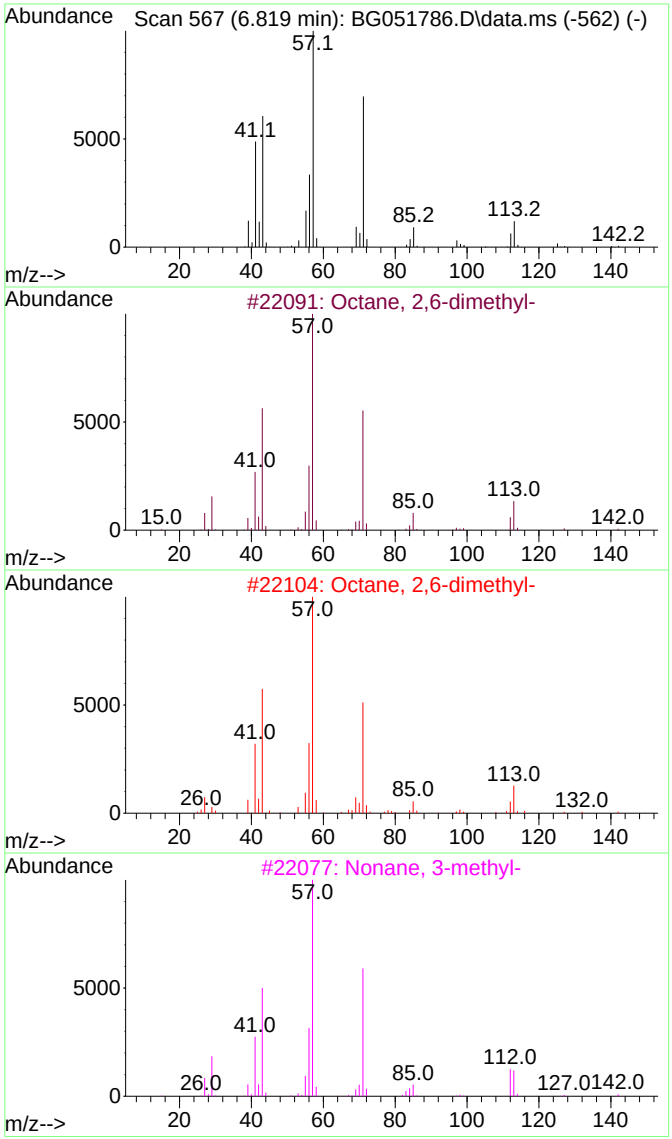
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

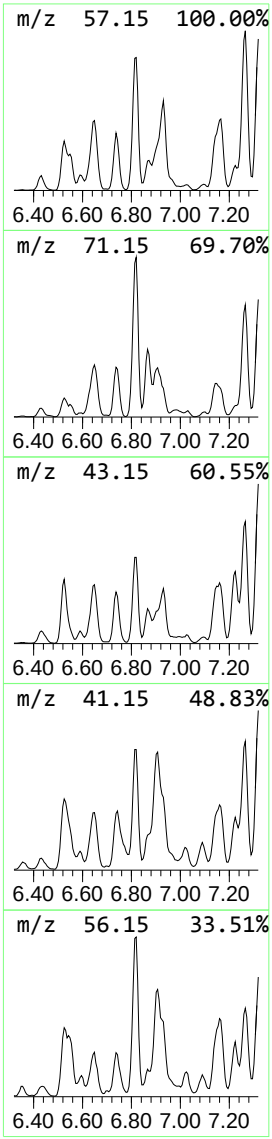
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.819 | 11.72 ng/ul | 2195810 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 91 |
| 2 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 91 |
| 3 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 87 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 86 |
| 5 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

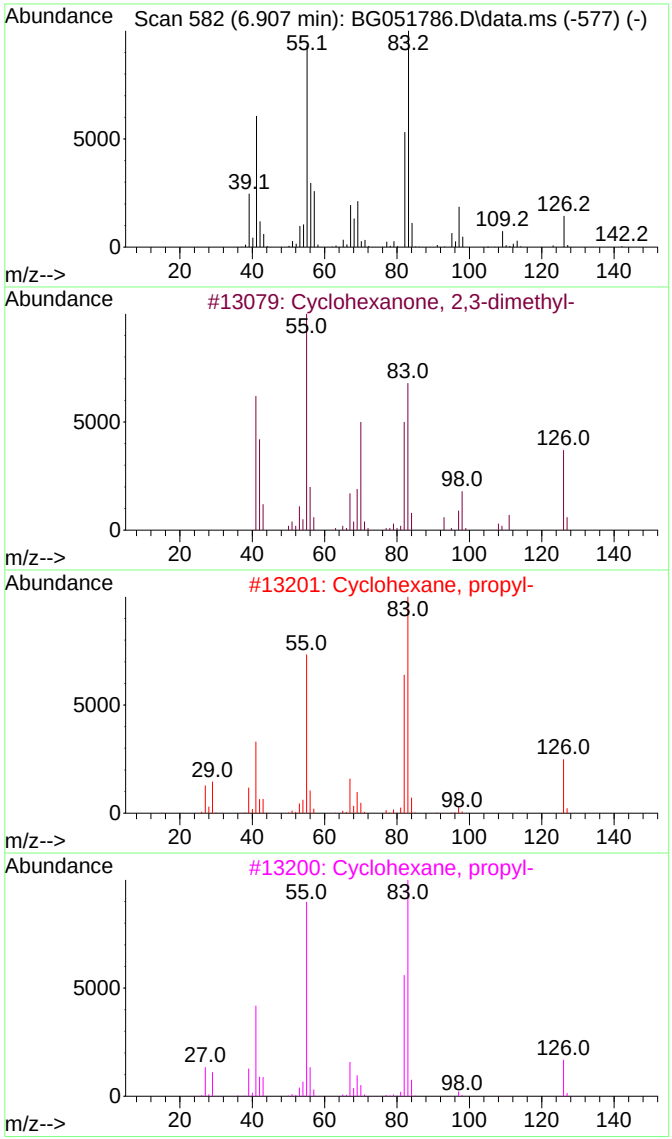
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

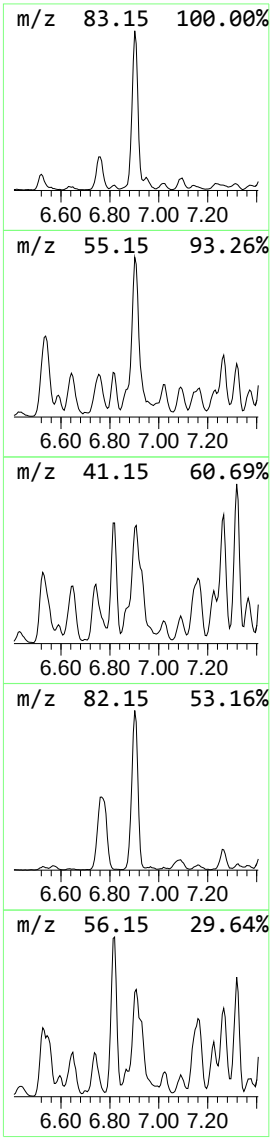
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Cyclohexanone, 2,3-dimethyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.907 | 22.33 ng/ul | 4184480 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 2,3-dimethyl- | 126 | C8H14O | 013395-76-1 | 87 |
| 2 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 83 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 80 |
| 4 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 80 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

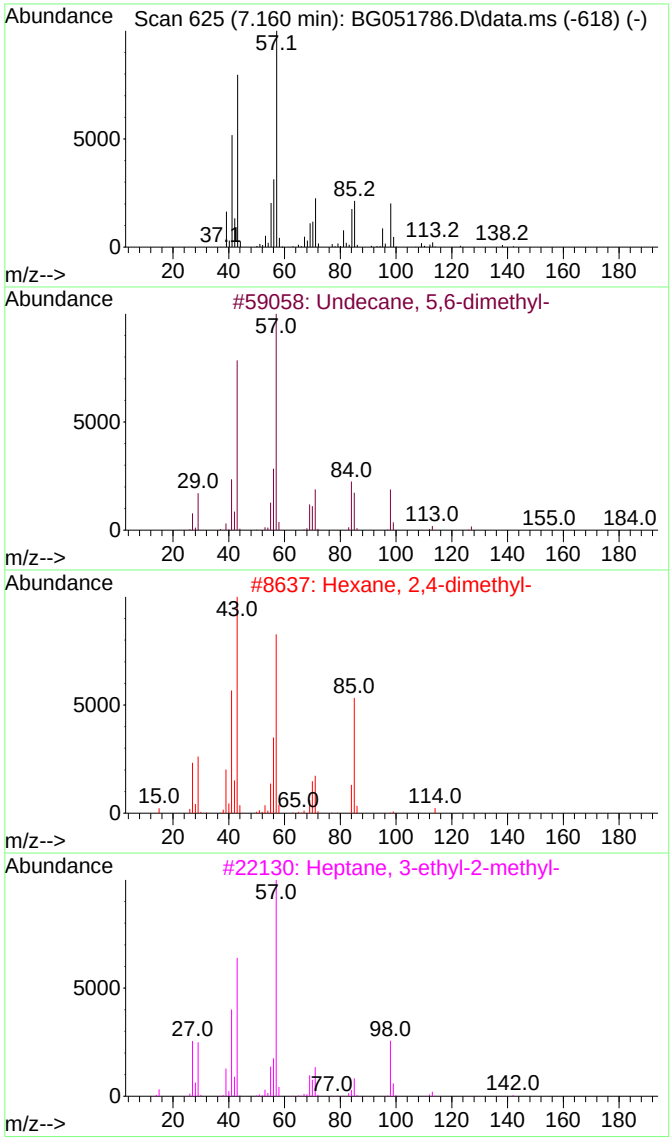
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

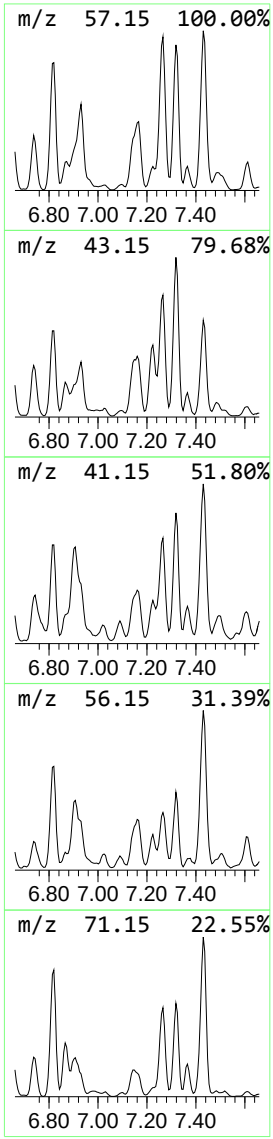
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.160 | 10.67 ng/ul | 1999580 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 5,6-dimethyl- | 184 | C13H28 | 017615-91-7 | 72 |
| 2 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 52 |
| 3 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 52 |
| 4 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 50 |
| 5 | Octane, 2,3-dimethyl- | 142 | C10H22 | 007146-60-3 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

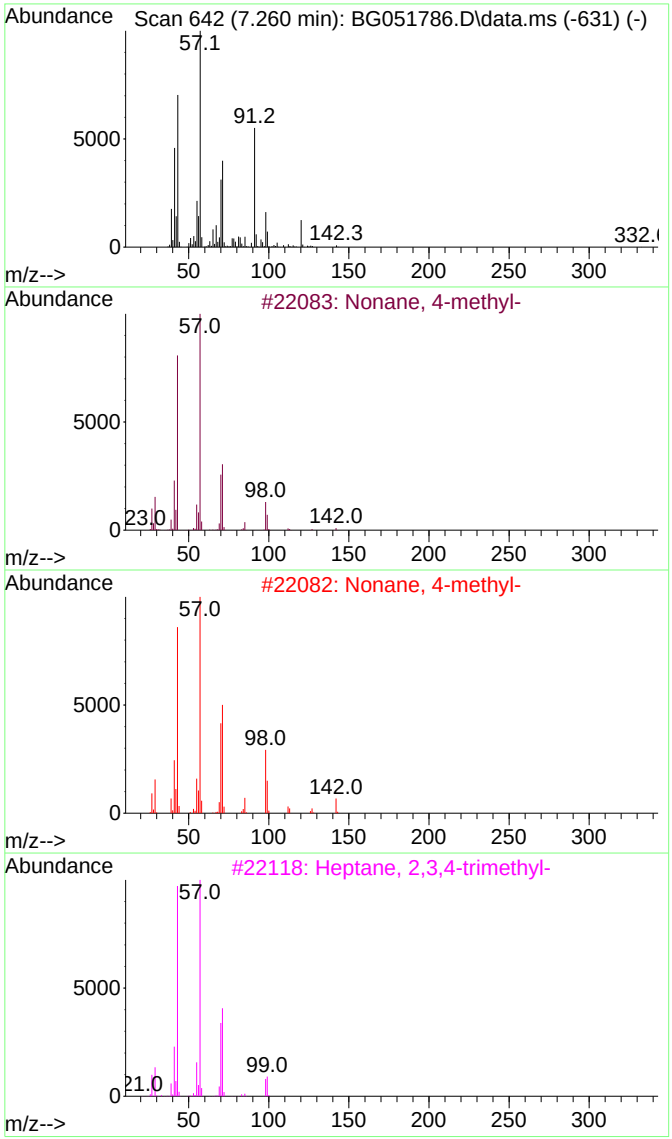
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

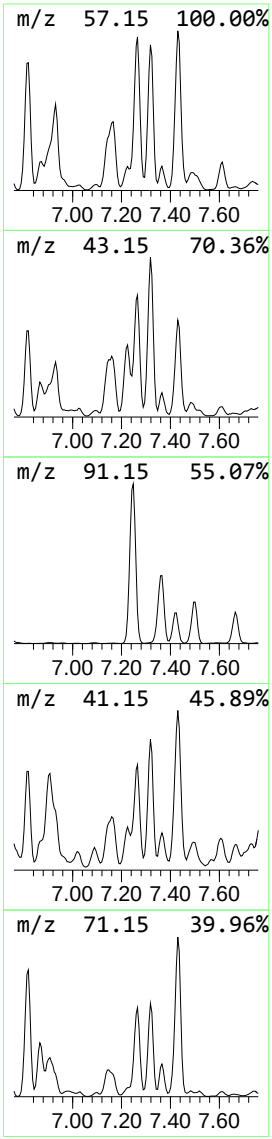
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.260 | 30.93 ng/ul | 5797040 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 68 |
| 2 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 53 |
| 3 | Heptane, 2,3,4-trimethyl- | 142 | C10H22 | 052896-95-4 | 53 |
| 4 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 50 |
| 5 | Pentane, 2,2,3,3-tetramethyl- | 128 | C9H20 | 007154-79-2 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

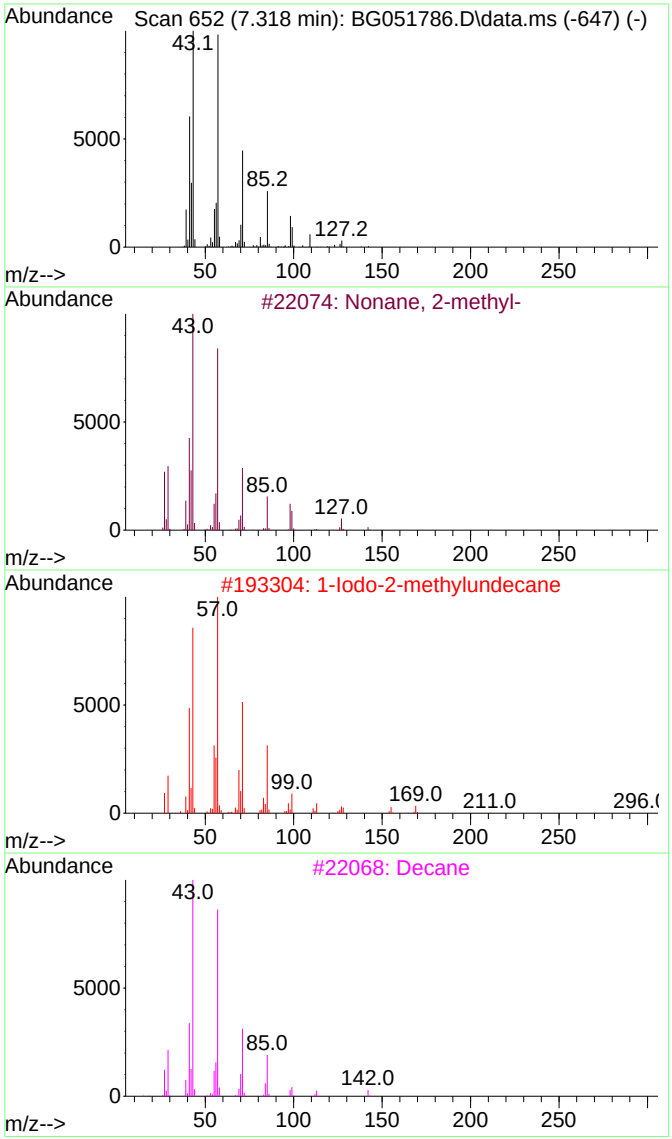
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

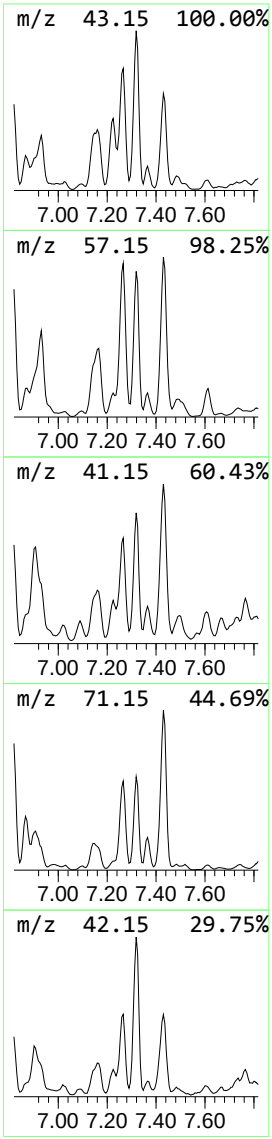
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.318 | 14.83 ng/ul | 2778810 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 2-methyl- | 142 | C10H22 | 000871-83-0 | 83 |
| 2 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 72 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 72 |
| 4 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 64 |
| 5 | Decane, 2,9-dimethyl- | 170 | C12H26 | 001002-17-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

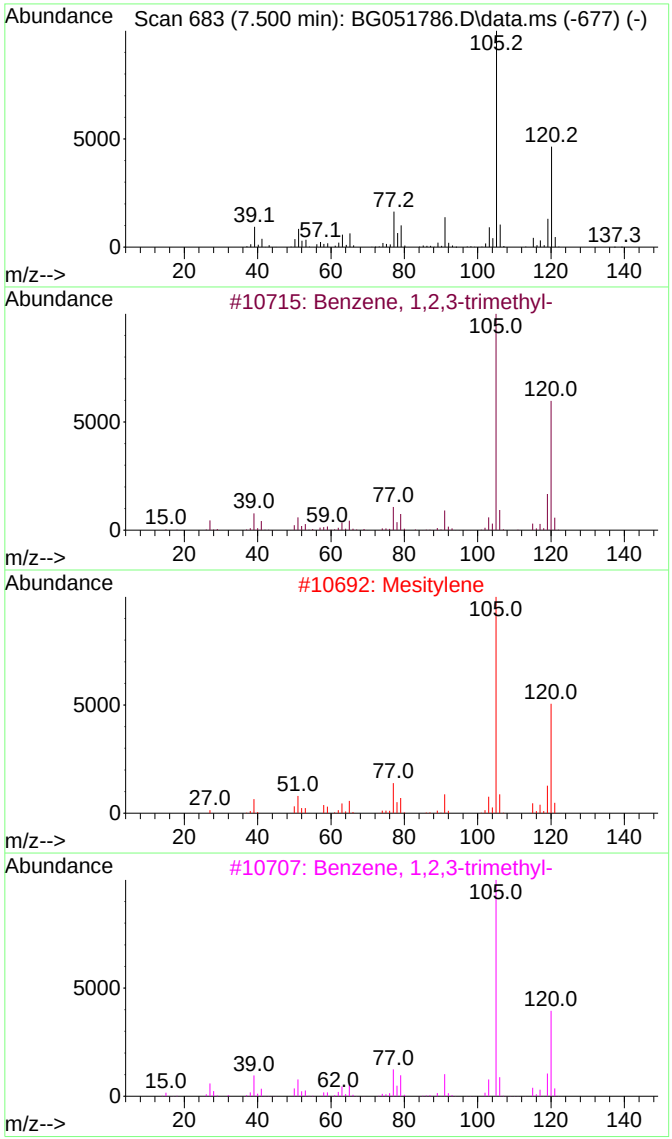
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

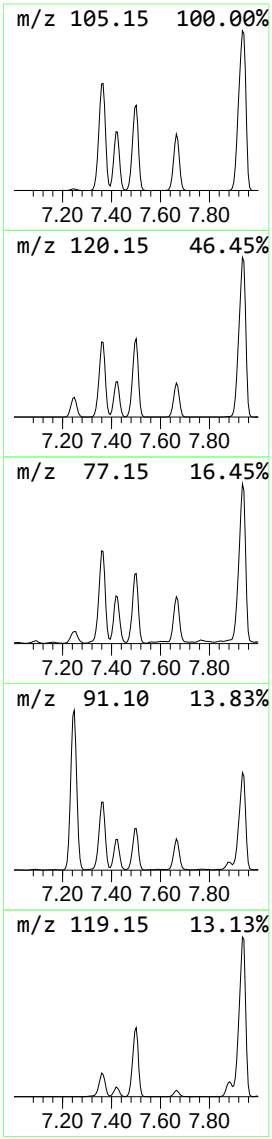
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.500 | 26.67 ng/ul | 4997850 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 95 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

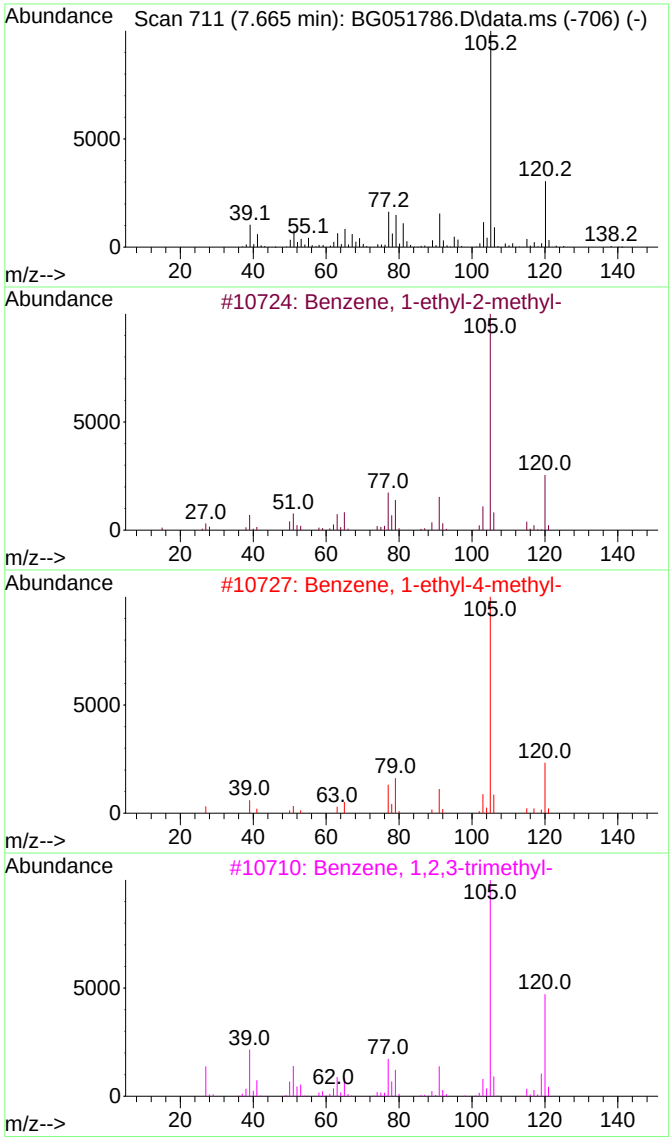
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

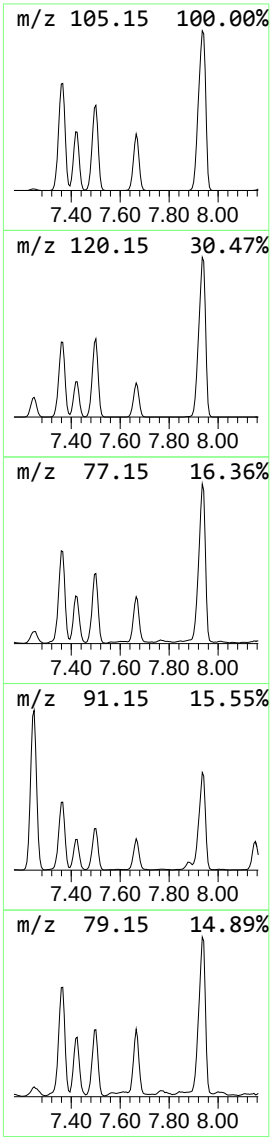
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1-ethyl-4-methyl- Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.665 | 16.81 ng/ul | 3150940 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 81 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 81 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

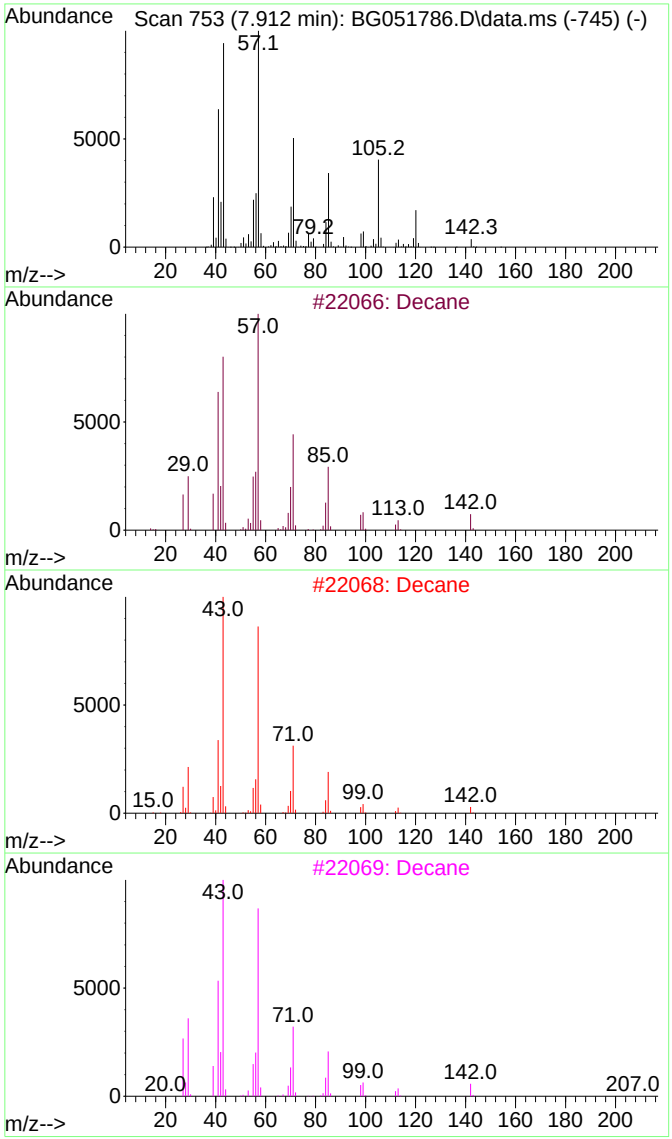
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

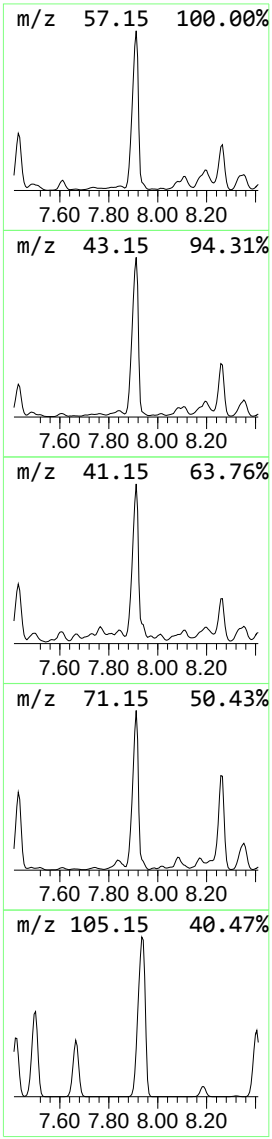
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.912 | 77.97 ng/ul | 14610900 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 95 |
| 2 | Decane | 142 | C10H22 | 000124-18-5 | 90 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 87 |
| 4 | Decane | 142 | C10H22 | 000124-18-5 | 81 |
| 5 | Decane, 2,9-dimethyl- | 170 | C12H26 | 001002-17-1 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

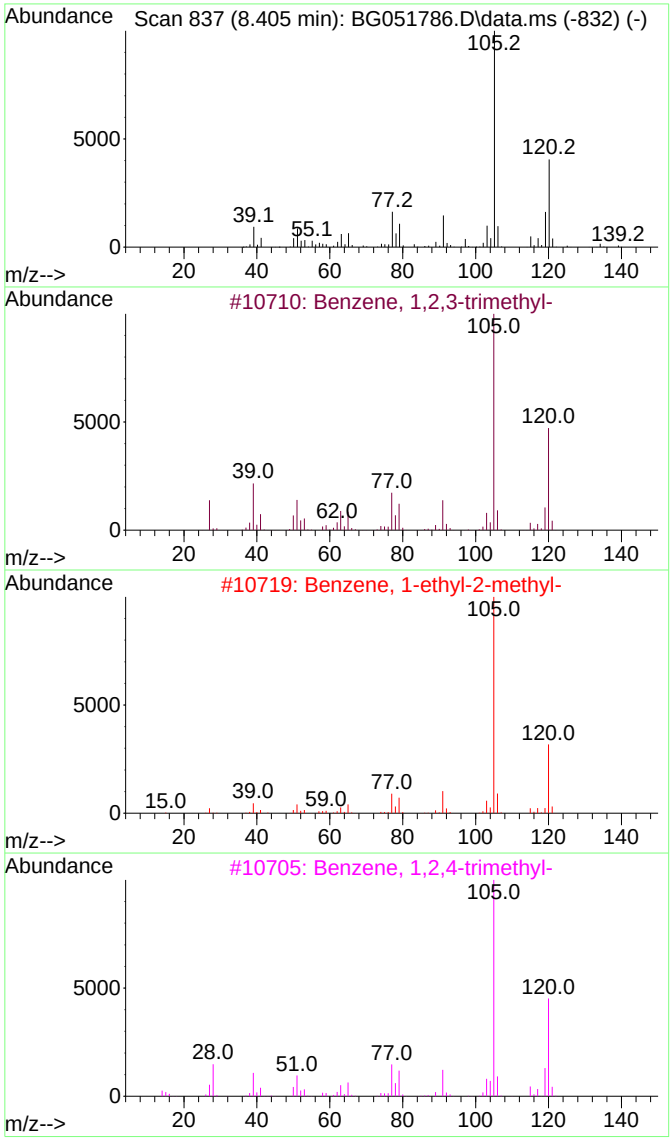
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

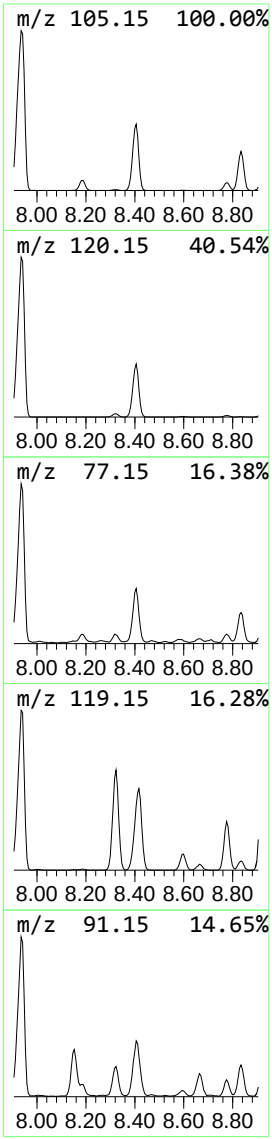
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 1-ethyl-2-methyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.405 | 20.32 ng/ul | 3807300 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 93 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

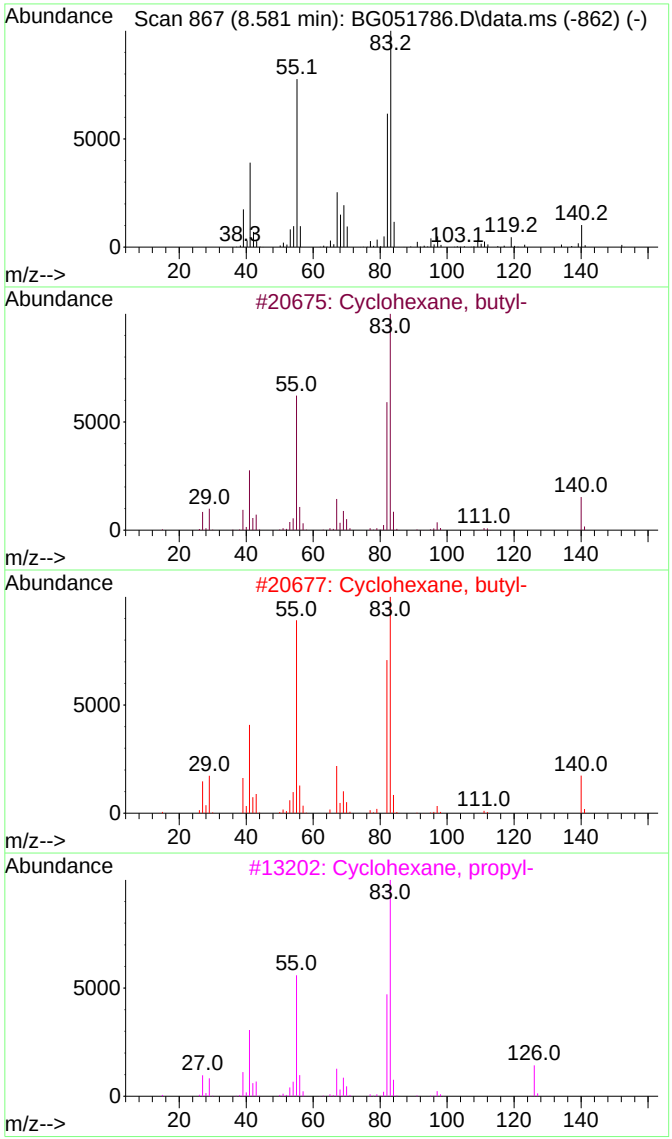
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

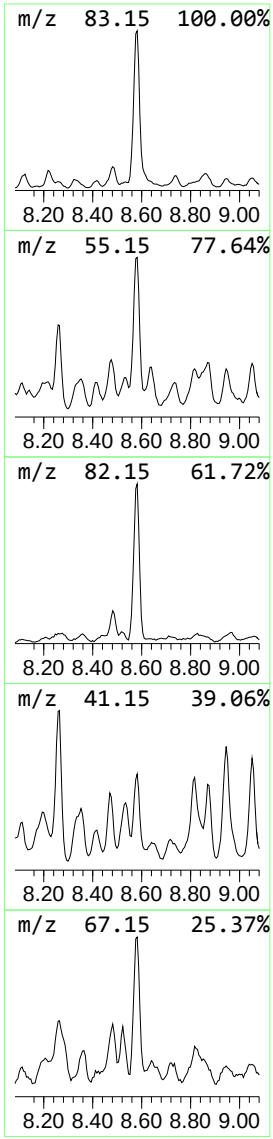
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 (DEL) Alkane: Cyclic8.581 Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.581 | 10.22 ng/ul | 1915630 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 87 |
| 2 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 78 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 72 |
| 4 | Cyclohexane, 1,1'-(1,4-butanediy... | 222 | C16H30 | 006165-44-2 | 72 |
| 5 | Cyclohexane, tetradecyl- | 280 | C20H40 | 001795-18-2 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

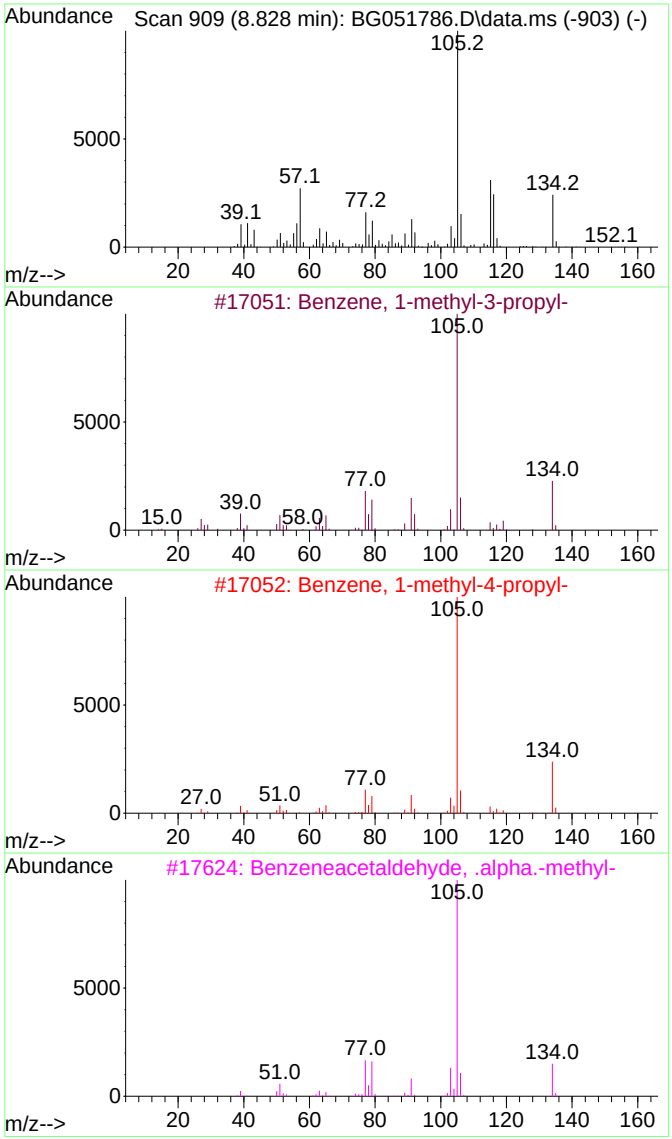
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

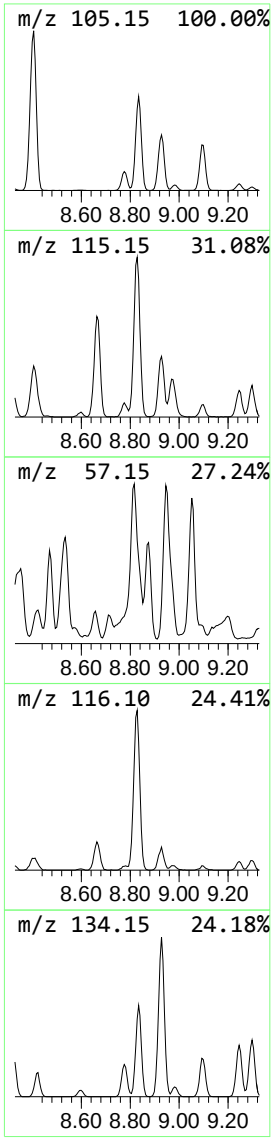
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, 1-methyl-3-propyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.828 | 21.77 ng/ul | 4078780 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 90 |
| 2 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 60 |
| 3 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 55 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 49 |
| 5 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

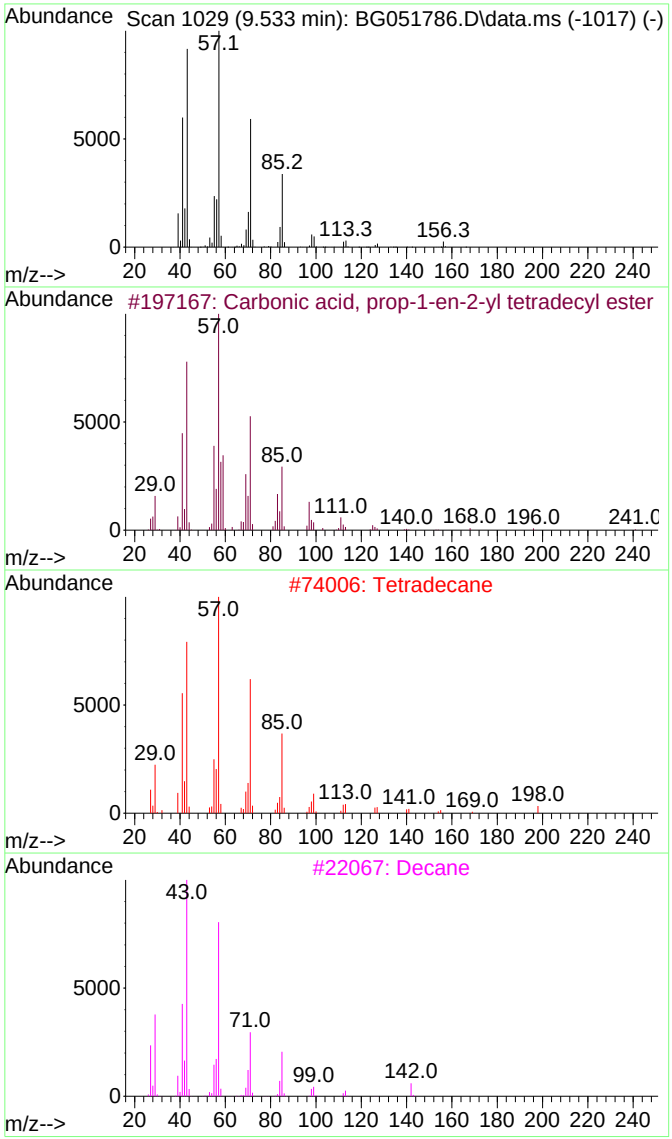
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

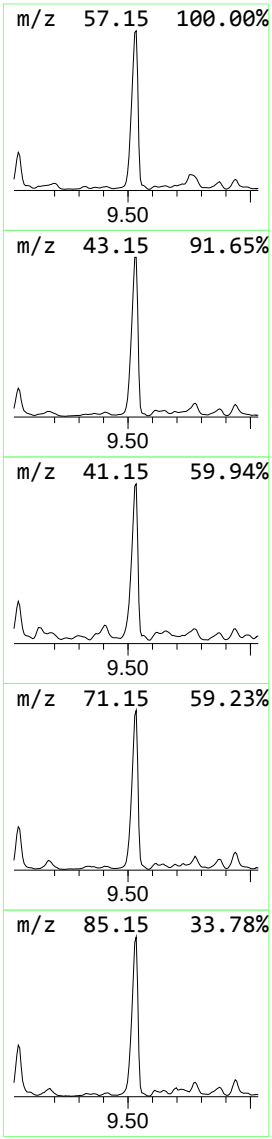
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Carbonic acid, prop-1-en-2-... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.533 | 49.76 ng/ul | 9325350 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 83 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 83 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 64 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 64 |
| 5 | Decane, 6-ethyl-2-methyl- | 184 | C13H28 | 062108-21-8 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

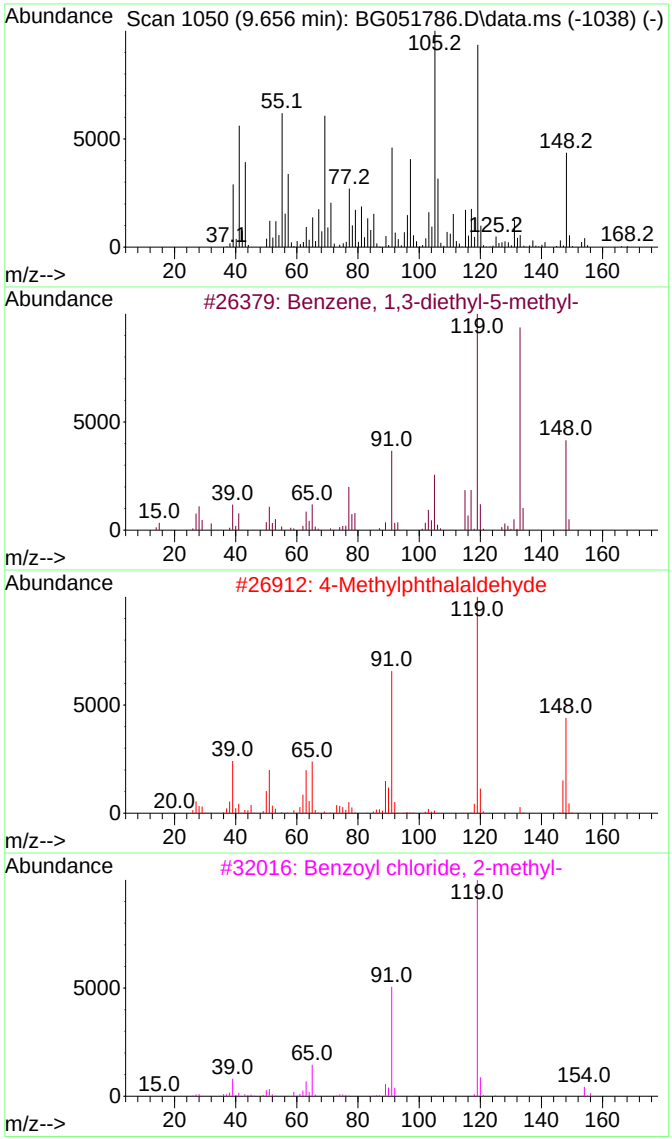
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

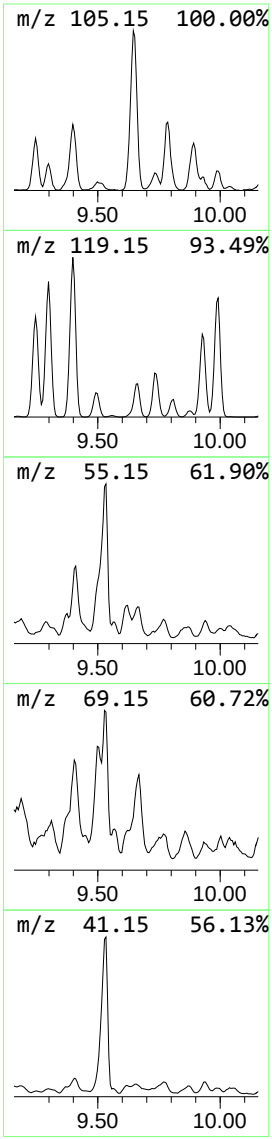
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.656 | 13.90 ng/ul | 2604270 | 1,4-Dichlorobenzene-d4 | 8.282 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 58 |
| 2 | 4-Methylphthalaldehyde | 148 | C9H8O2 | 015158-36-8 | 45 |
| 3 | Benzoyl chloride, 2-methyl- | 154 | C8H7ClO | 000933-88-0 | 38 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 35 |
| 5 | Benzene, 4-(chloromethyl)-1,2-di... | 154 | C9H11Cl | 000102-46-5 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

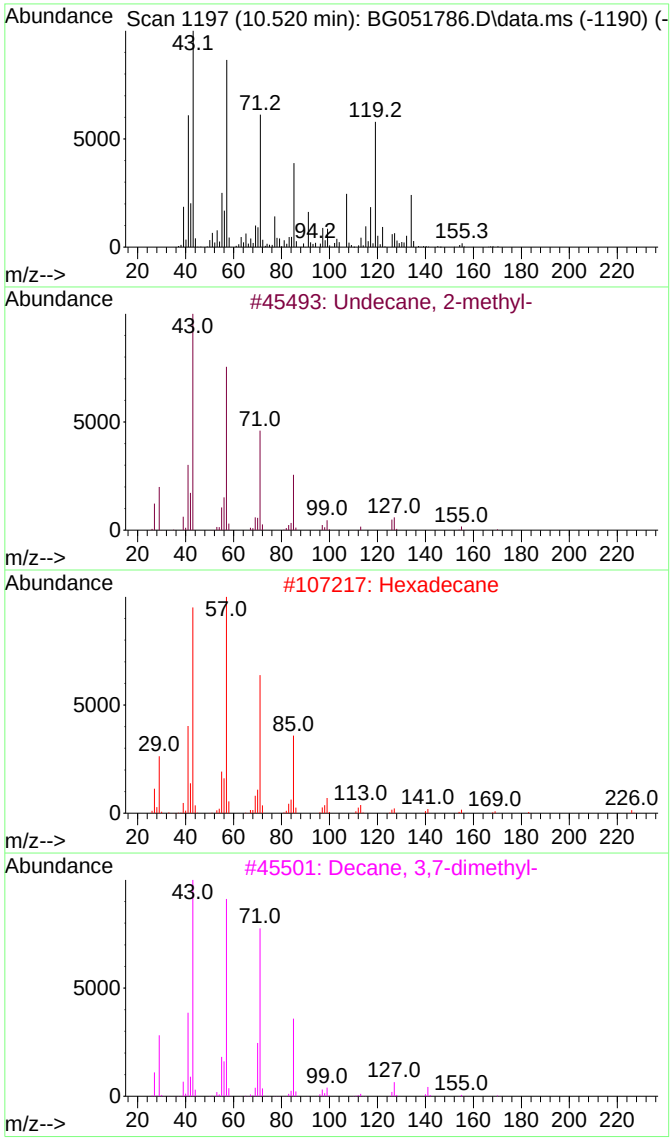
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

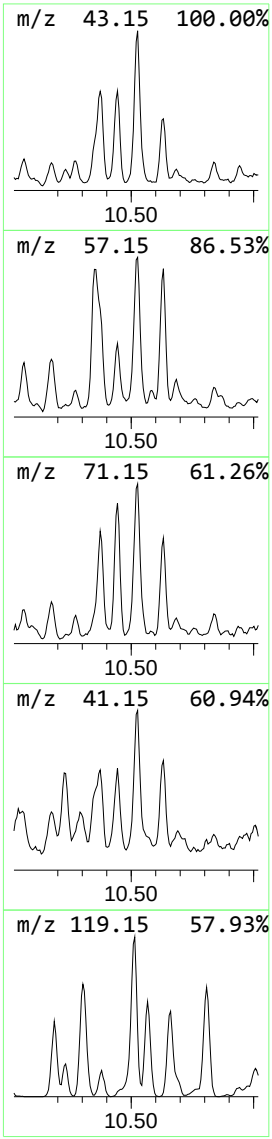
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.520 | 7.71 ng/ul | 2093320 | Naphthalene-d8 | 11.119 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 41 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 38 |
| 3 | Decane, 3,7-dimethyl- | 170 | C12H26 | 017312-54-8 | 38 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 35 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

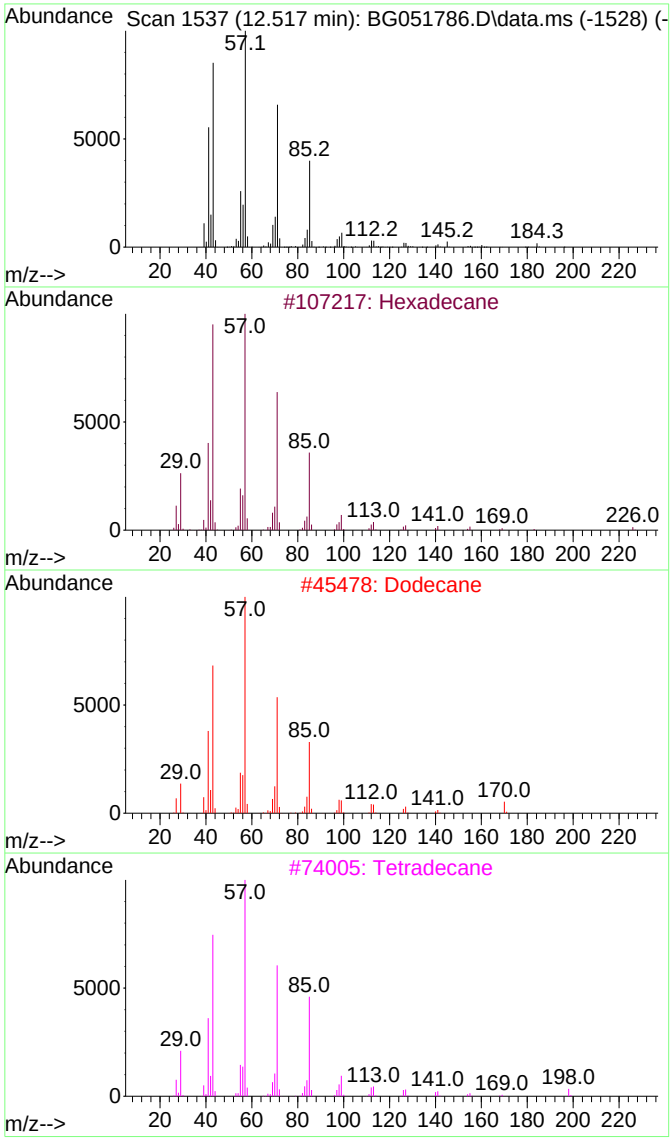
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

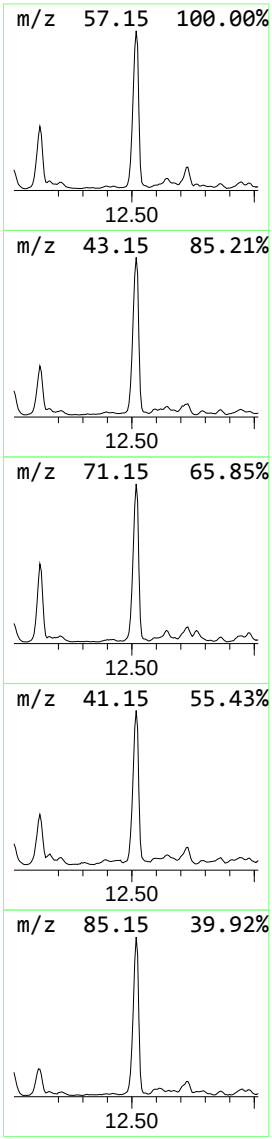
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.517 | 24.67 ng/ul | 6694240 | Naphthalene-d8 | 11.119 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Dodecane | 170 | C12H26 | 000112-40-3 | 86 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |
| 4 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 80 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

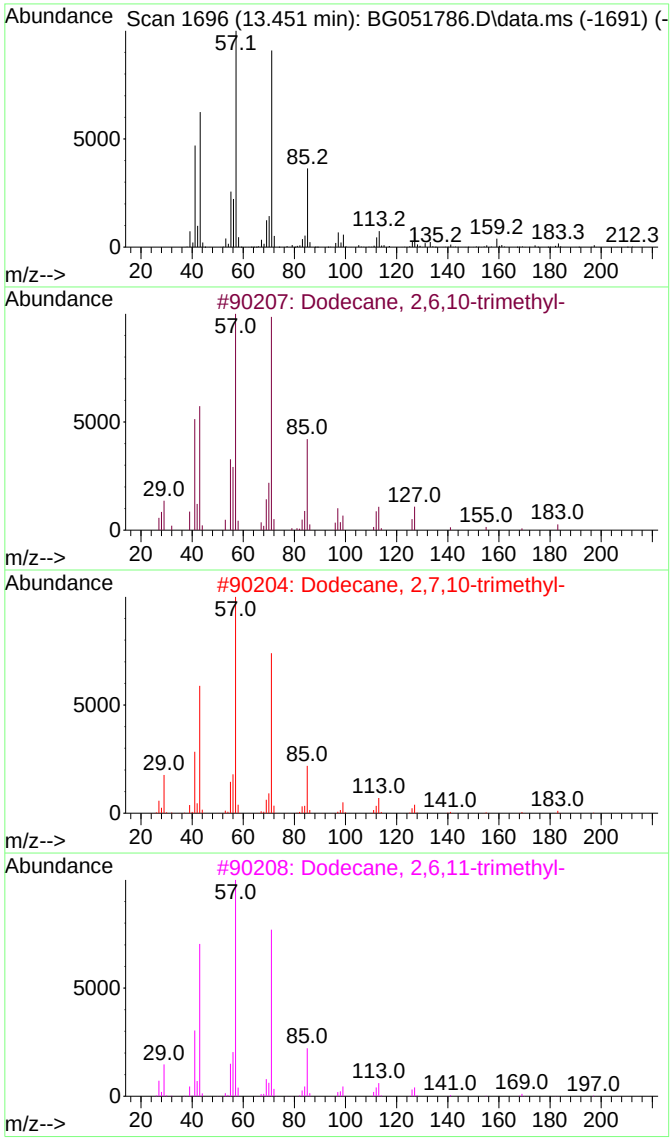
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

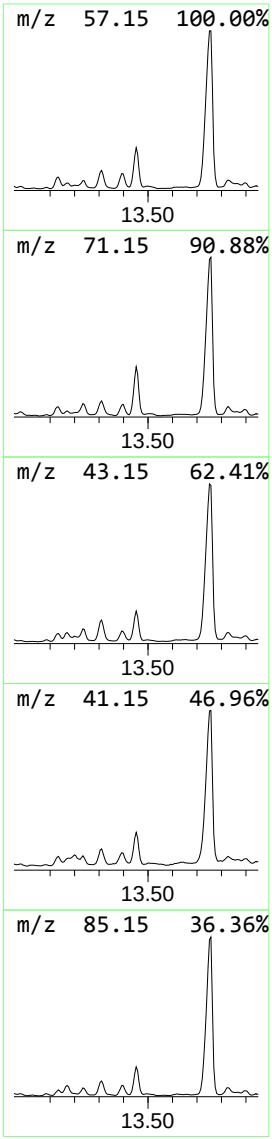
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.451 | 18.98 ng/ul | 2723370 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 91 |
| 2 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 90 |
| 3 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 83 |
| 4 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 80 |
| 5 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

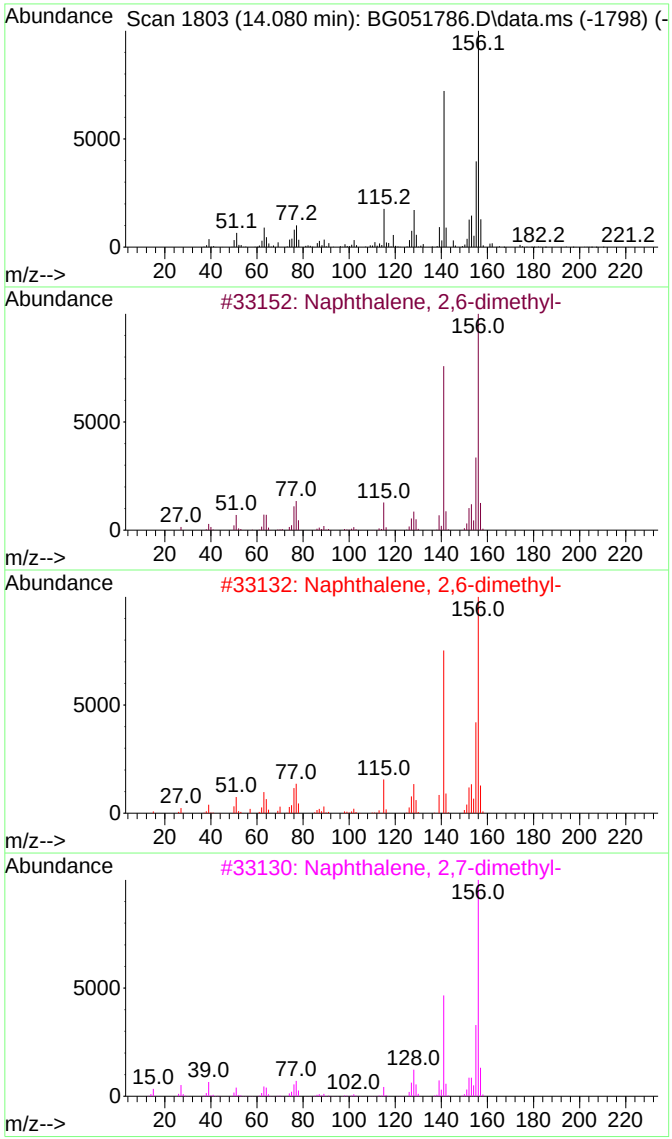
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

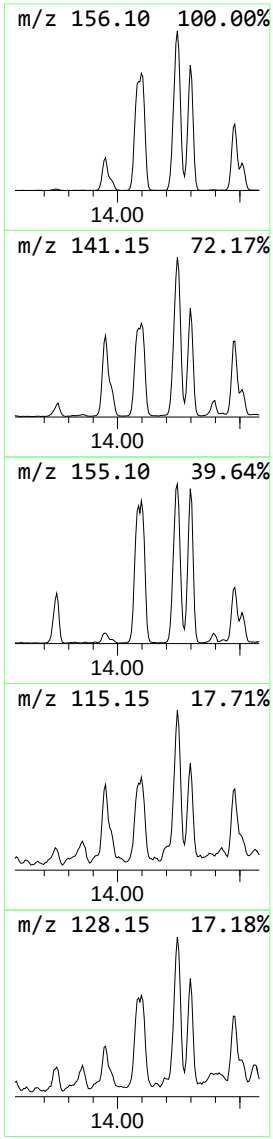
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Naphthalene, 2,6-dimethyl- Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.080 | 13.60 ng/ul | 1951140 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

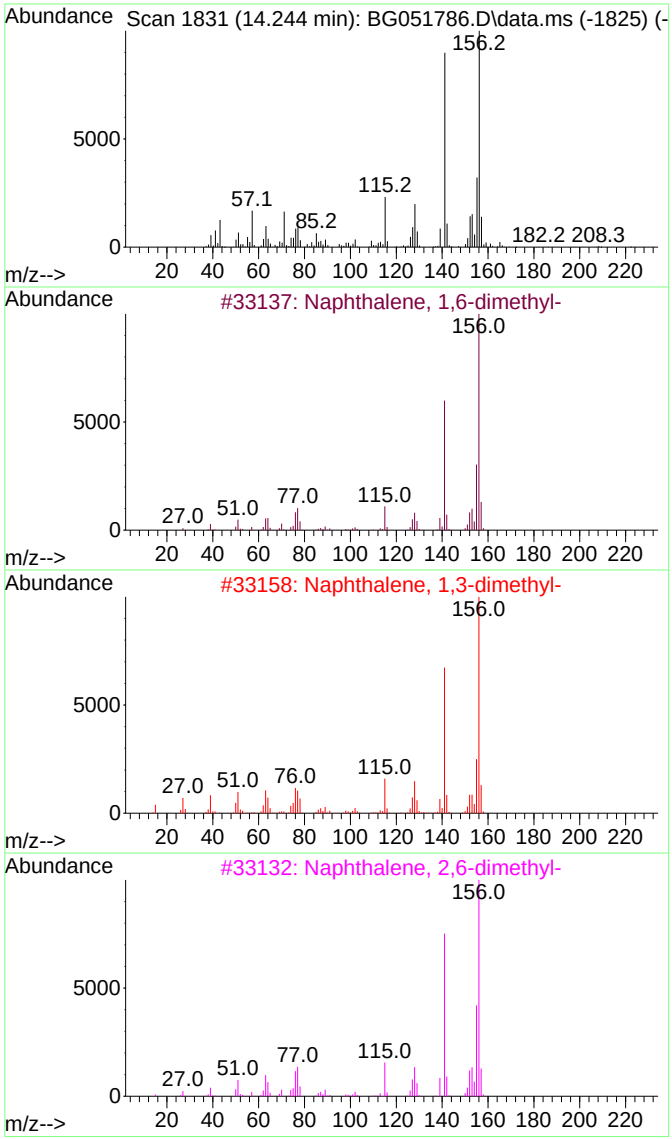
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

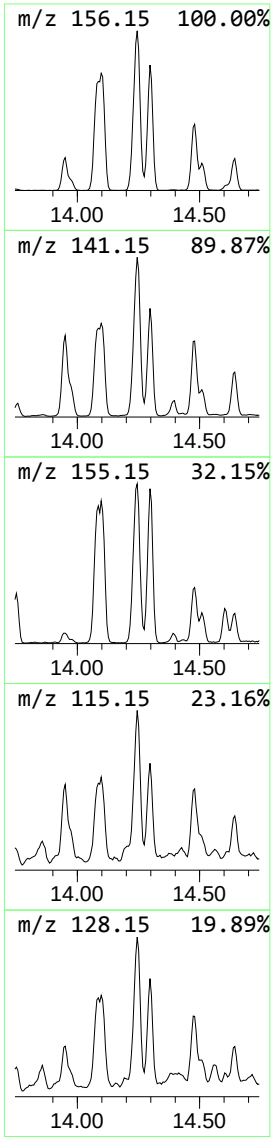
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Naphthalene, 1,6-dimethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.244 | 28.12 ng/ul | 4033570 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

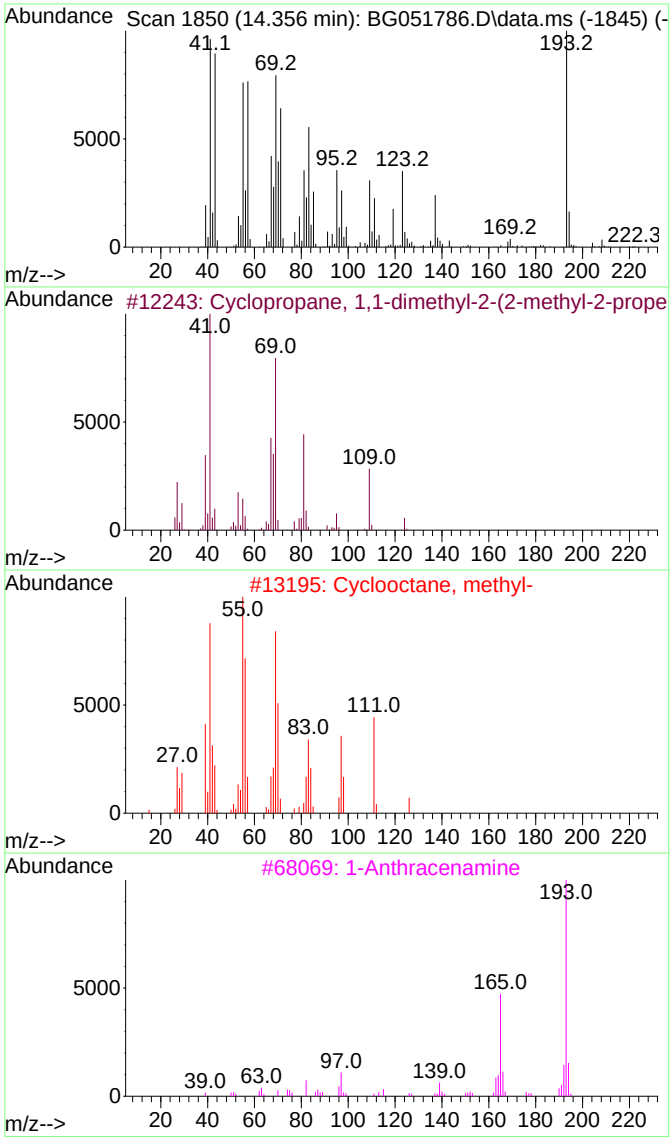
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

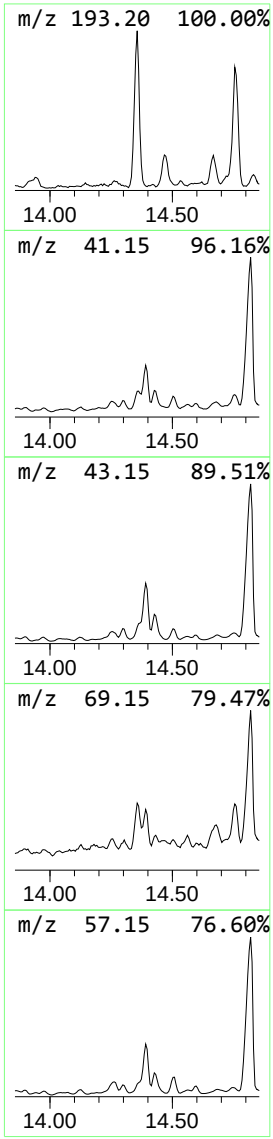
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 unknown-01 Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.356 | 17.70 ng/ul | 2539660 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,1-dimethyl-2-(2-... | 124 | C9H16 | 069147-03-1 | 35 |
| 2 | Cyclooctane, methyl- | 126 | C9H18 | 001502-38-1 | 25 |
| 3 | 1-Anthracenamine | 193 | C14H11N | 000610-49-1 | 22 |
| 4 | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 | C10H16O | 015358-88-0 | 22 |
| 5 | Pentafluoropropionic acid, tride... | 346 | C16H27F5O2 | 959261-22-4 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

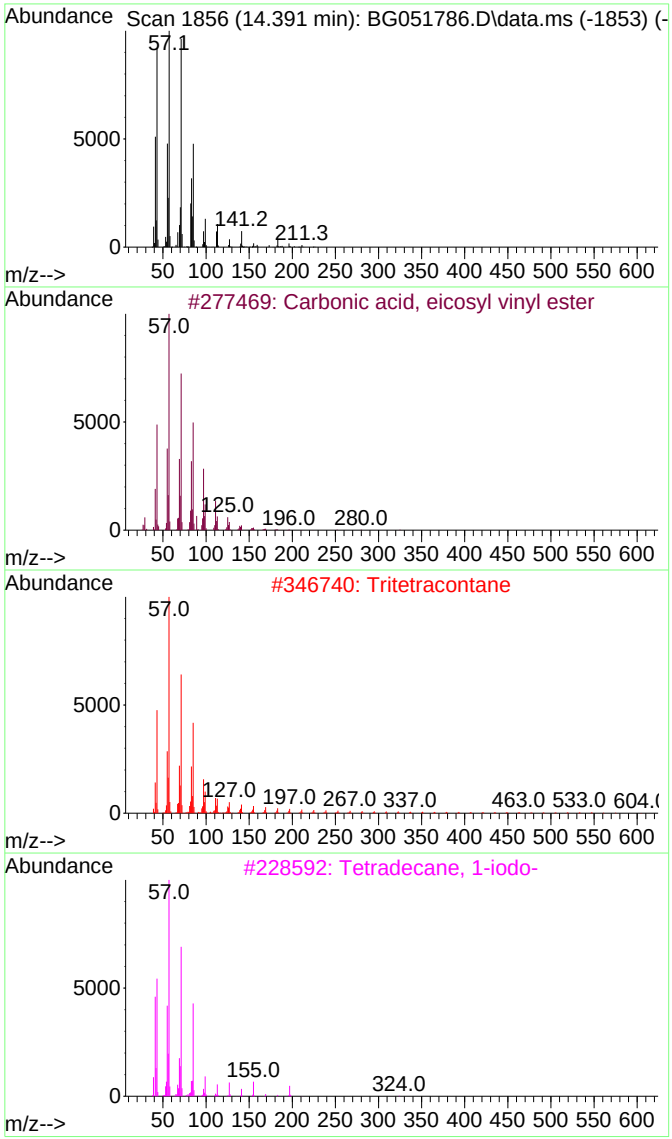
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

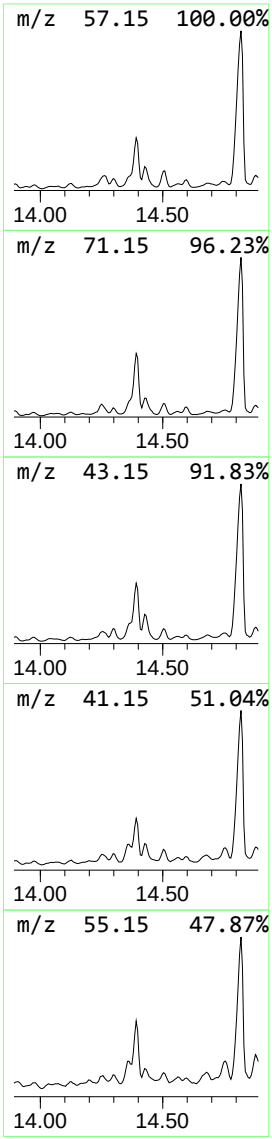
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Carbonic acid, eicosyl viny... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.391 | 31.85 ng/ul | 4569020 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 86 |
| 2 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 86 |
| 3 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72 |
| 4 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 72 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

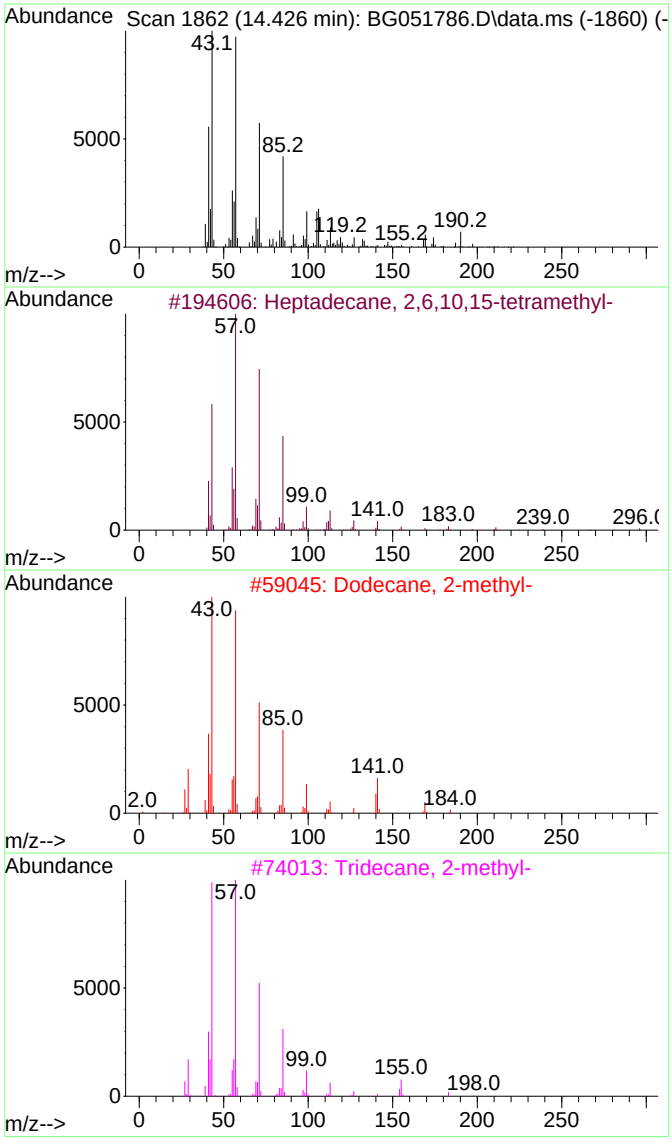
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

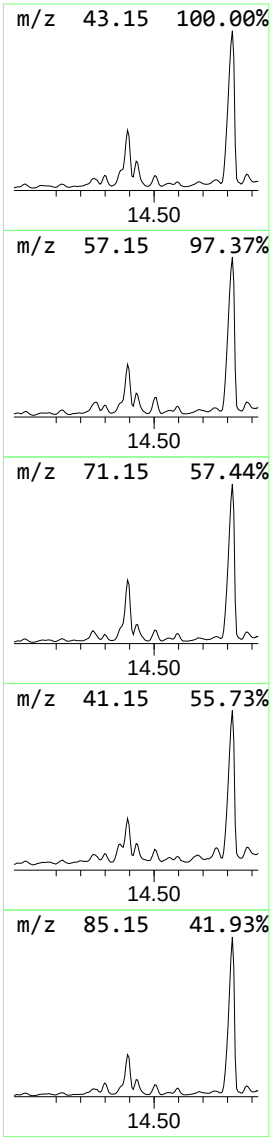
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.426 | 11.12 ng/ul | 1594620 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 80 |
| 2 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 80 |
| 3 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 72 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 72 |
| 5 | Nonane, 4,5-dimethyl- | 156 | C11H24 | 017302-23-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

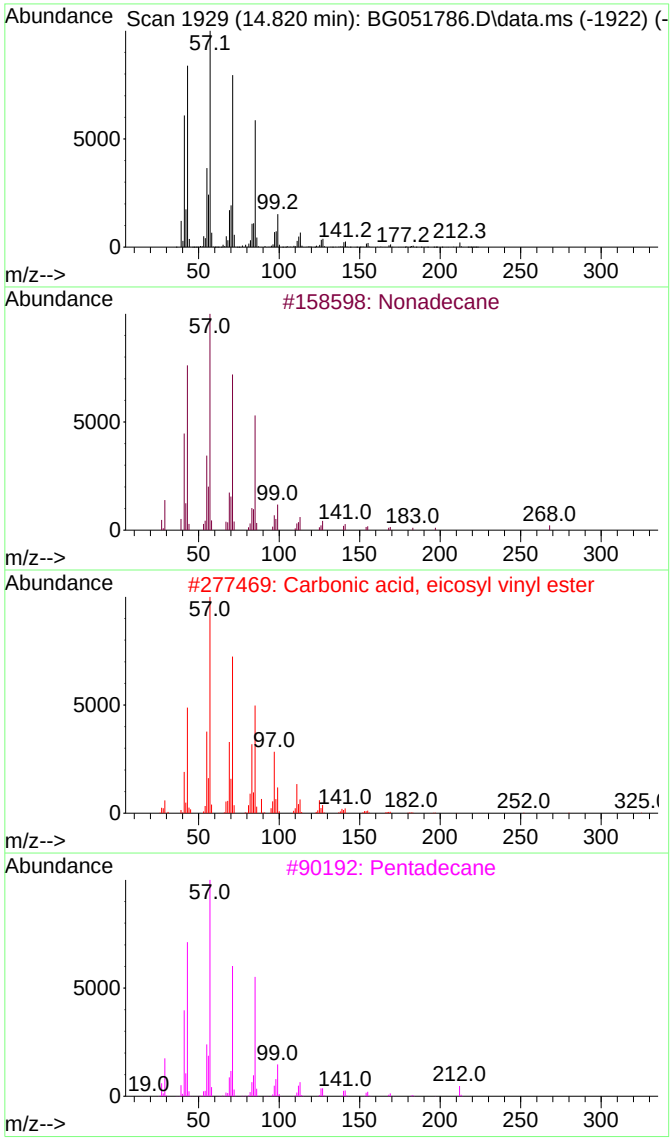
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

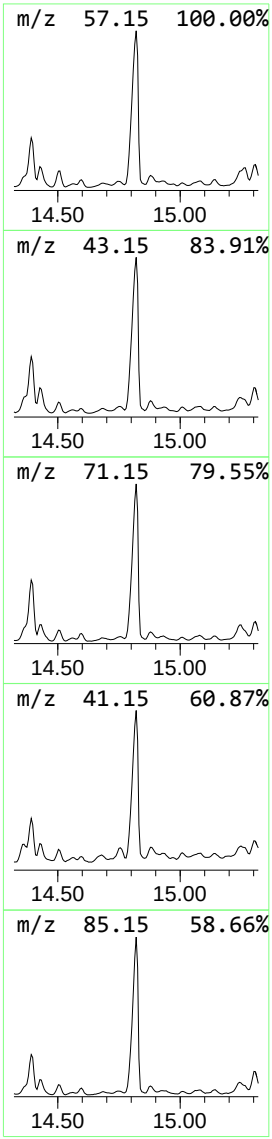
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.820 | 112.53 ng/ul | 16143200 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 2 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 91 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 91 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 90 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

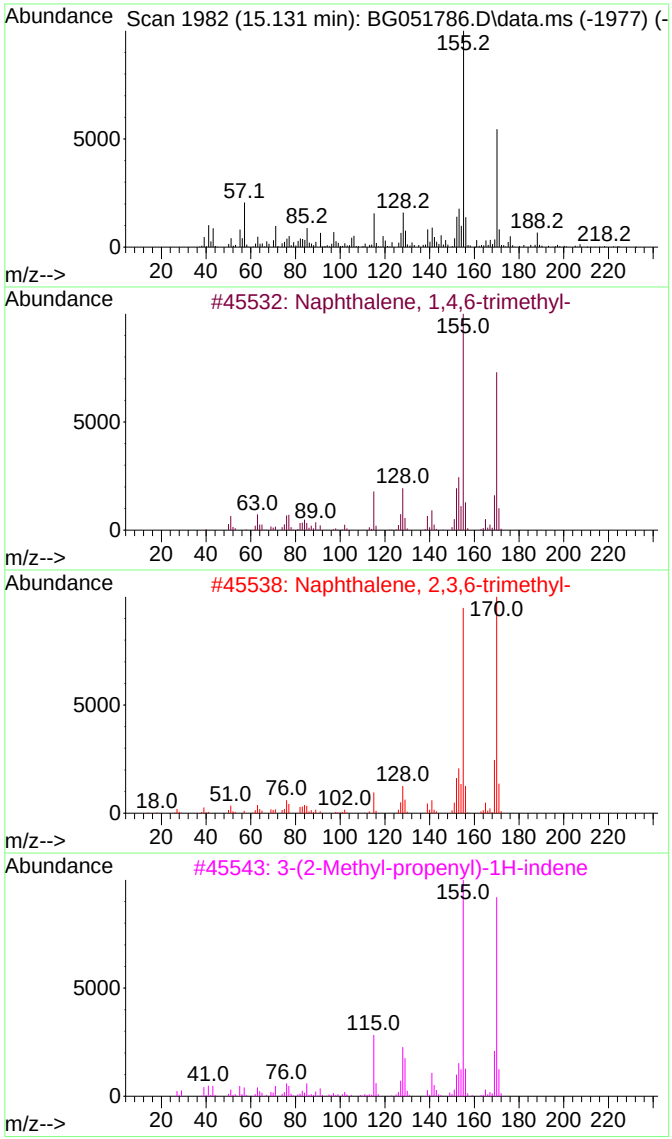
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

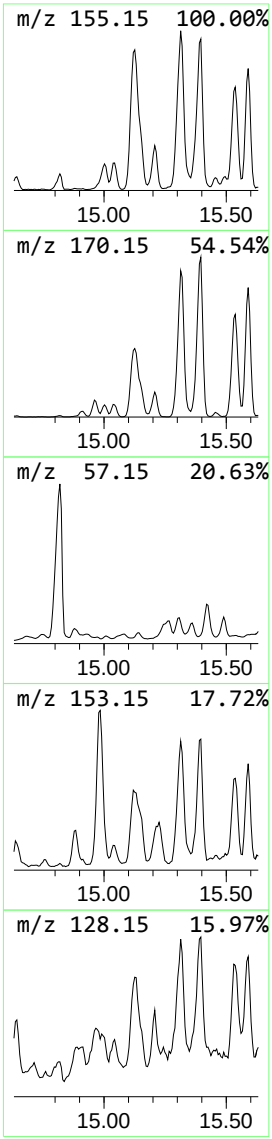
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Naphthalene, 1,4,6-trimethyl- Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.131 | 18.27 ng/ul | 2621280 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 95 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 3 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 94 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

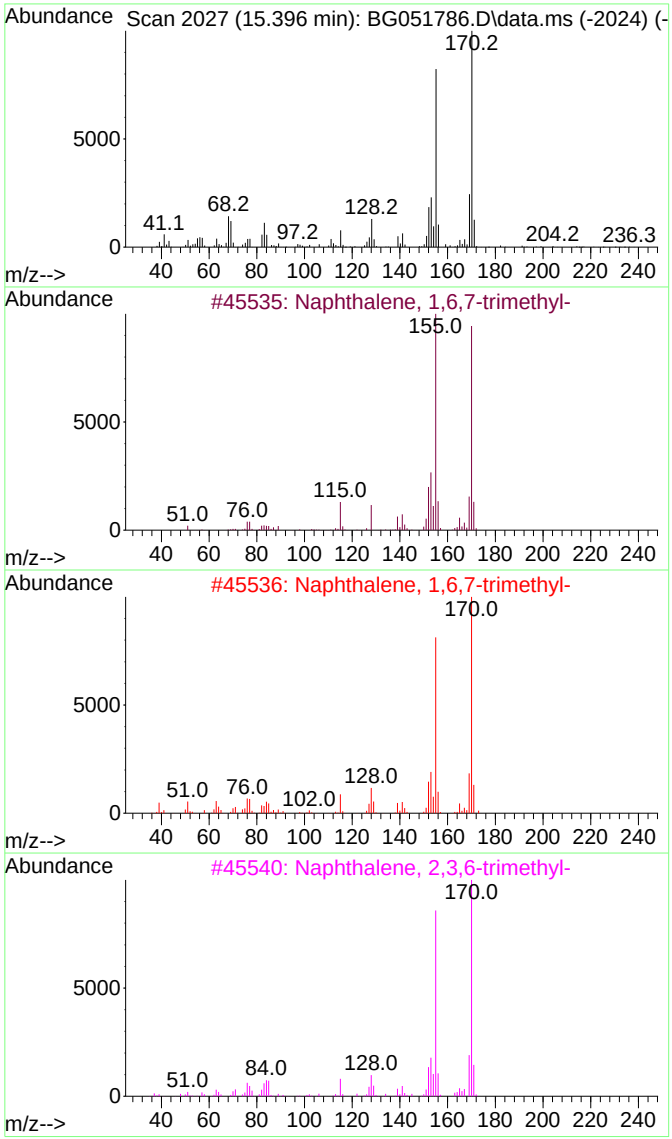
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

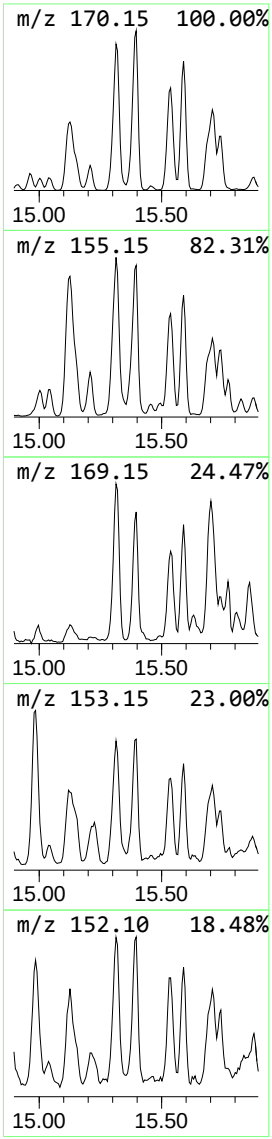
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 Naphthalene, 1,6,7-trimethyl- Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.396 | 15.08 ng/ul | 2163730 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

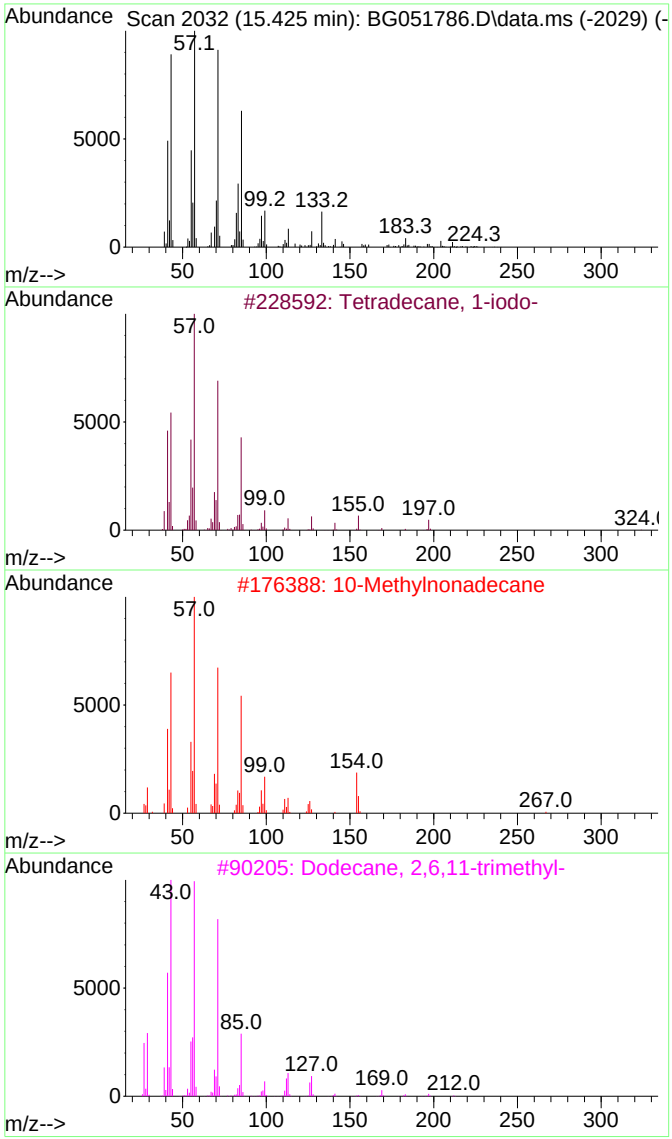
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

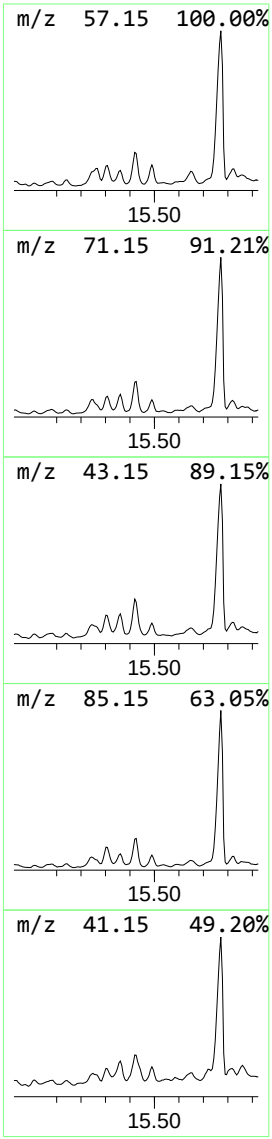
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Tetradecane, 1-iodo- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.425 | 25.59 ng/ul | 3670630 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72 |
| 2 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 72 |
| 3 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 64 |
| 4 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 58 |
| 5 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

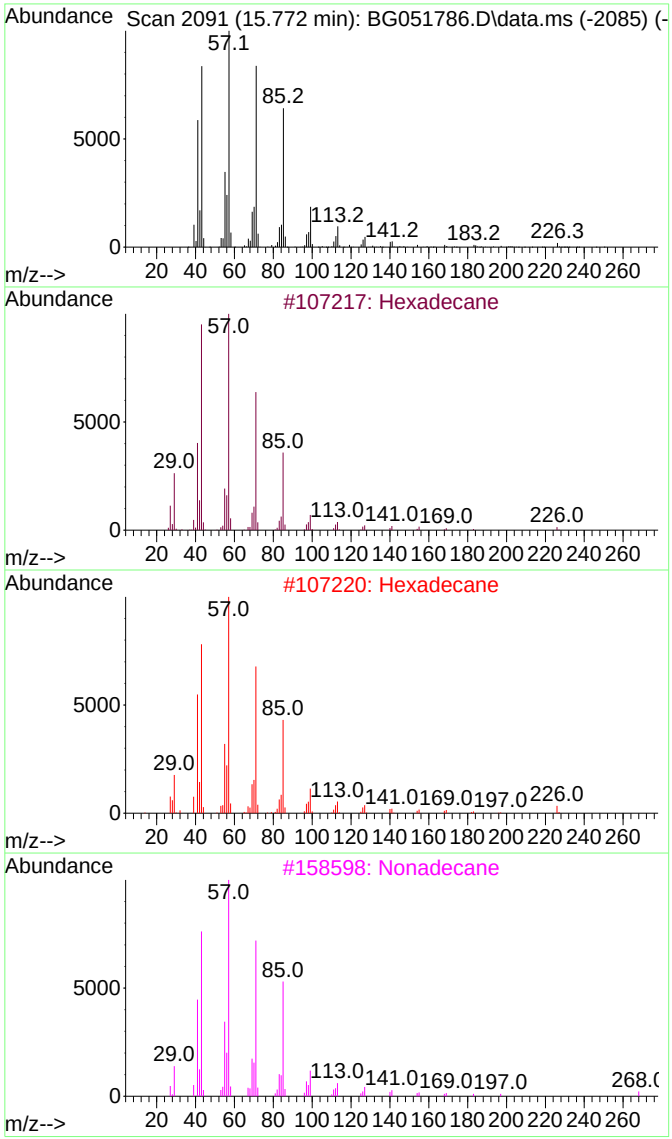
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

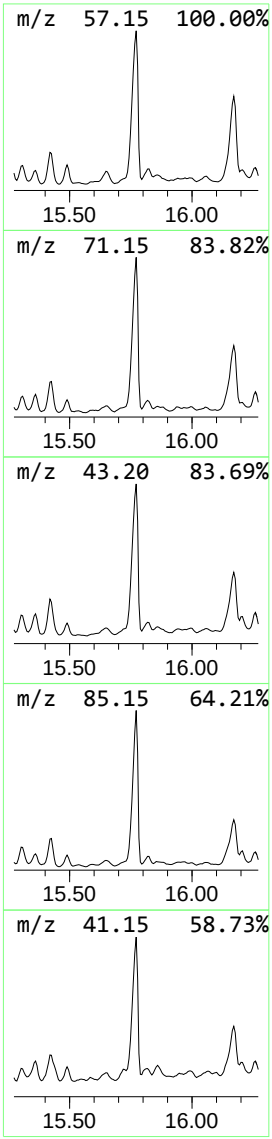
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.772 | 106.36 ng/ul | 15258000 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 4 | Sulfurous acid, 2-propyl tetrade... | 320 | C17H36O3S | 1010309-12-5 | 90 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

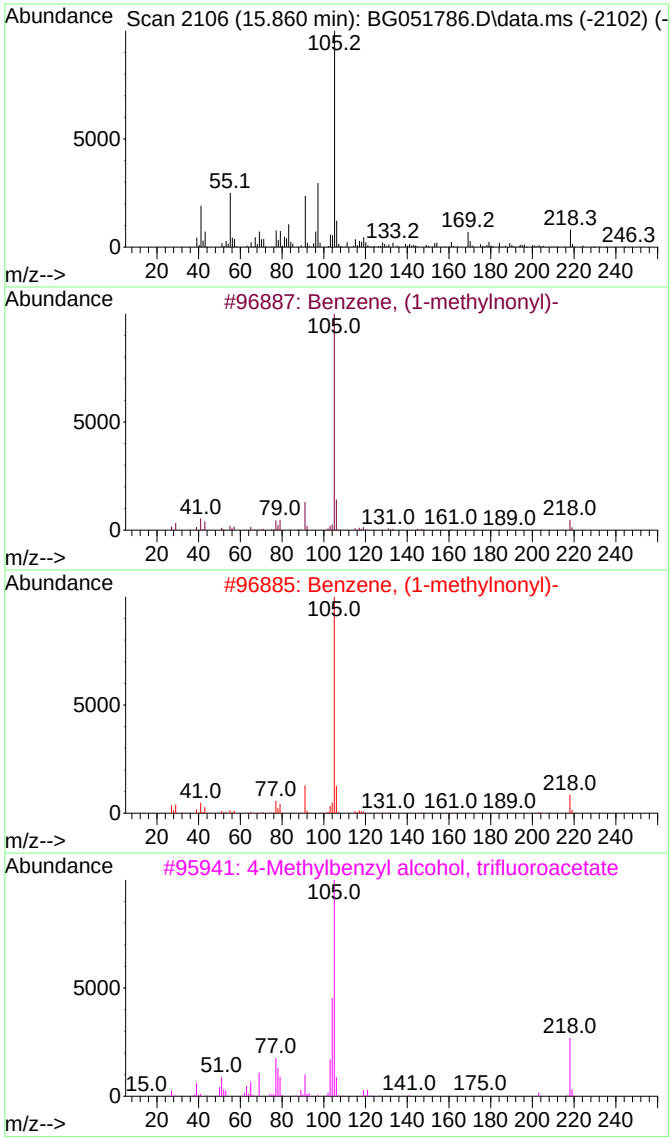
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

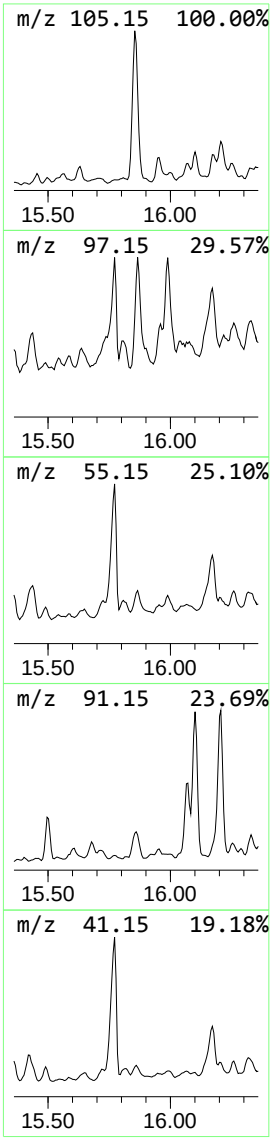
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 unknown-02 Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.860 | 19.47 ng/ul | 2793490 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylnonyl)- | 218 | C16H26 | 004537-13-7 | 43 |
| 2 | Benzene, (1-methylnonyl)- | 218 | C16H26 | 004537-13-7 | 41 |
| 3 | 4-Methylbenzyl alcohol, trifluor... | 218 | C10H9F3O2 | 001524-14-7 | 38 |
| 4 | Benzene, (1-methylnonyl)- | 218 | C16H26 | 004537-13-7 | 35 |
| 5 | 2-Methylbenzylamine, N,N-dihexyl- | 289 | C20H35N | 1000310-39-7 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

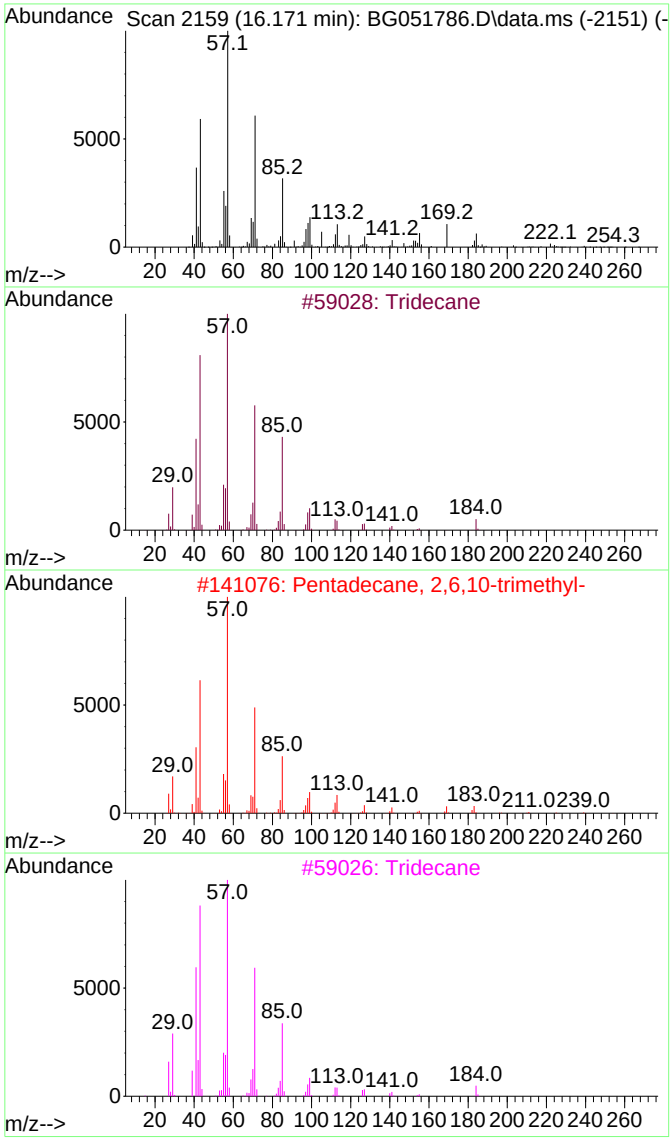
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

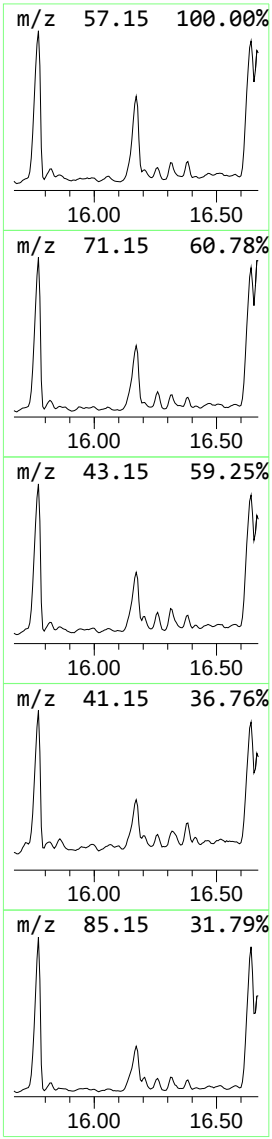
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.171 | 61.87 ng/ul | 8875090 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 83 |
| 2 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 81 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 80 |
| 4 | Hexadecane, 2,6,11,15-tetramethyl- | 282 | C20H42 | 000504-44-9 | 74 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

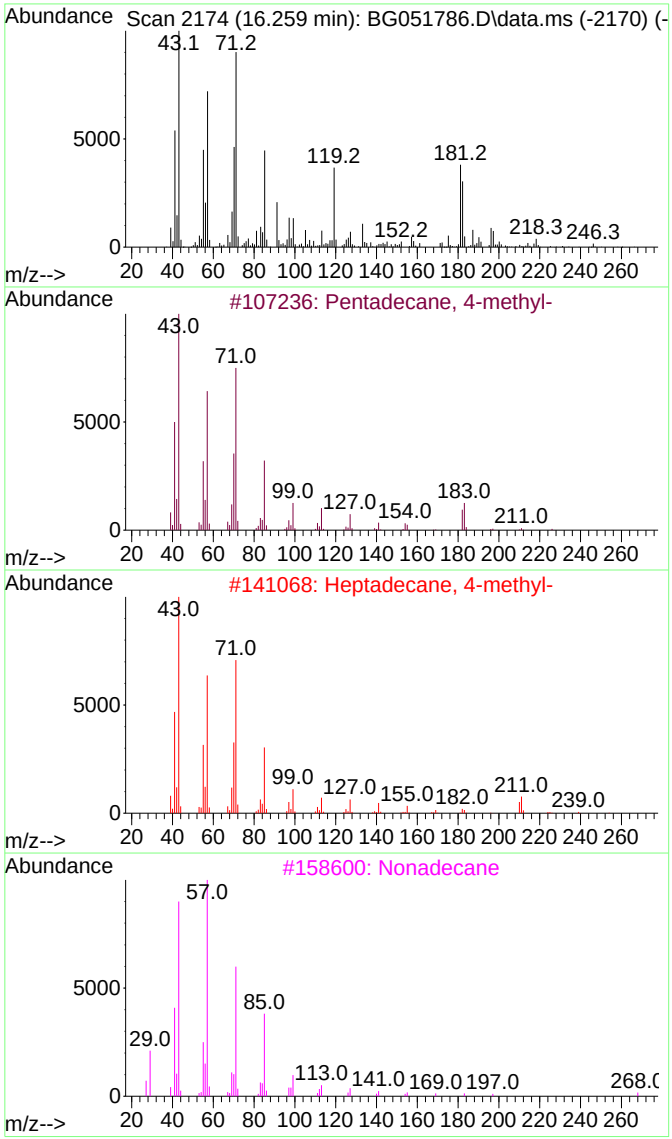
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

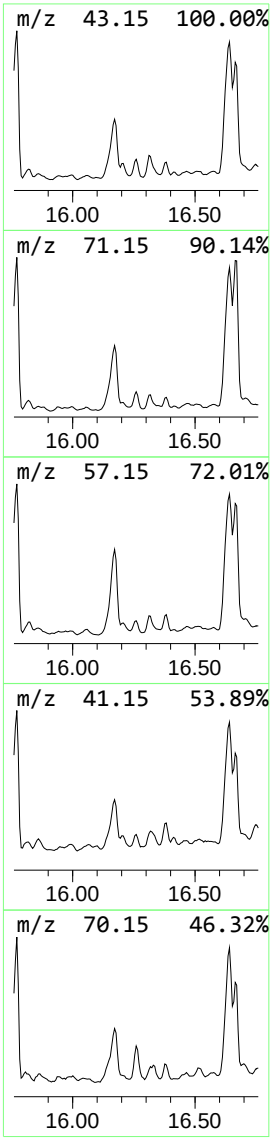
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.259 | 15.45 ng/ul | 2216940 | Acenaphthene-d10 | 14.920 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 4-methyl- | 226 | C16H34 | 002801-87-8 | 52 |
| 2 | Heptadecane, 4-methyl- | 254 | C18H38 | 026429-11-8 | 49 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 43 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 43 |
| 5 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

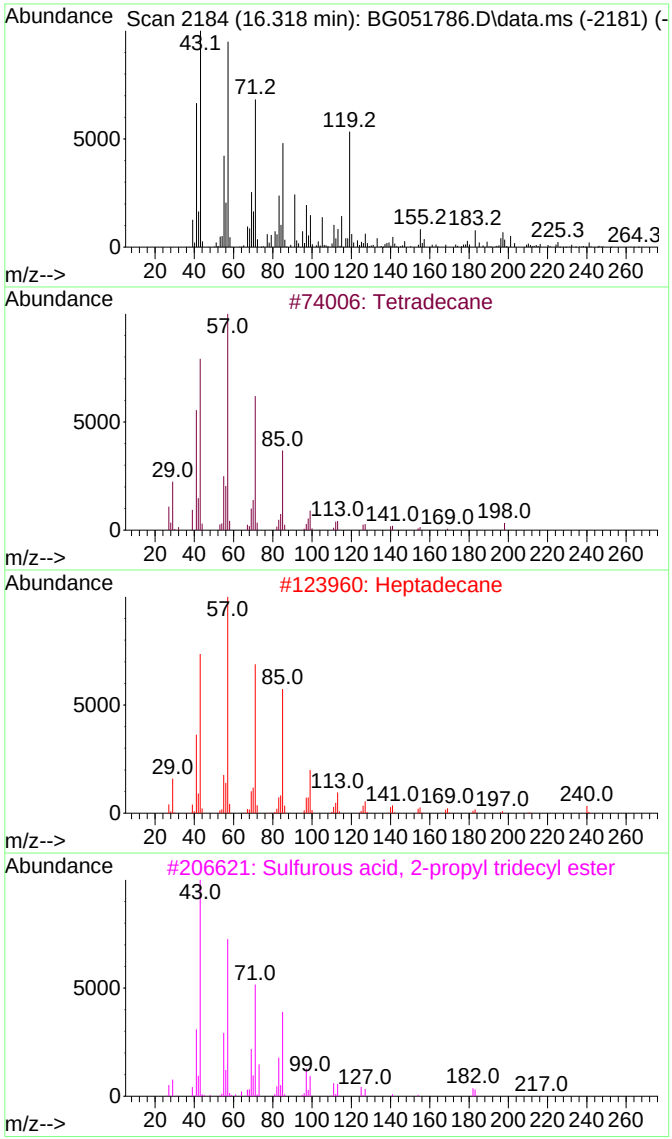
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

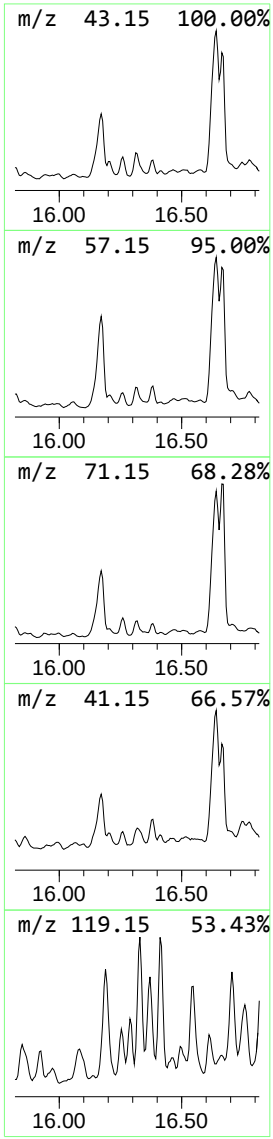
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.318 | 19.72 ng/ul | 2524940 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 95 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 89 |
| 3 | Sulfurous acid, 2-propyl tridecy... | 306 | C16H34O3S | 1000309-12-4 | 76 |
| 4 | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1010309-18-1 | 68 |
| 5 | Sulfurous acid, 2-propyl tetrade... | 320 | C17H36O3S | 1010309-12-5 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

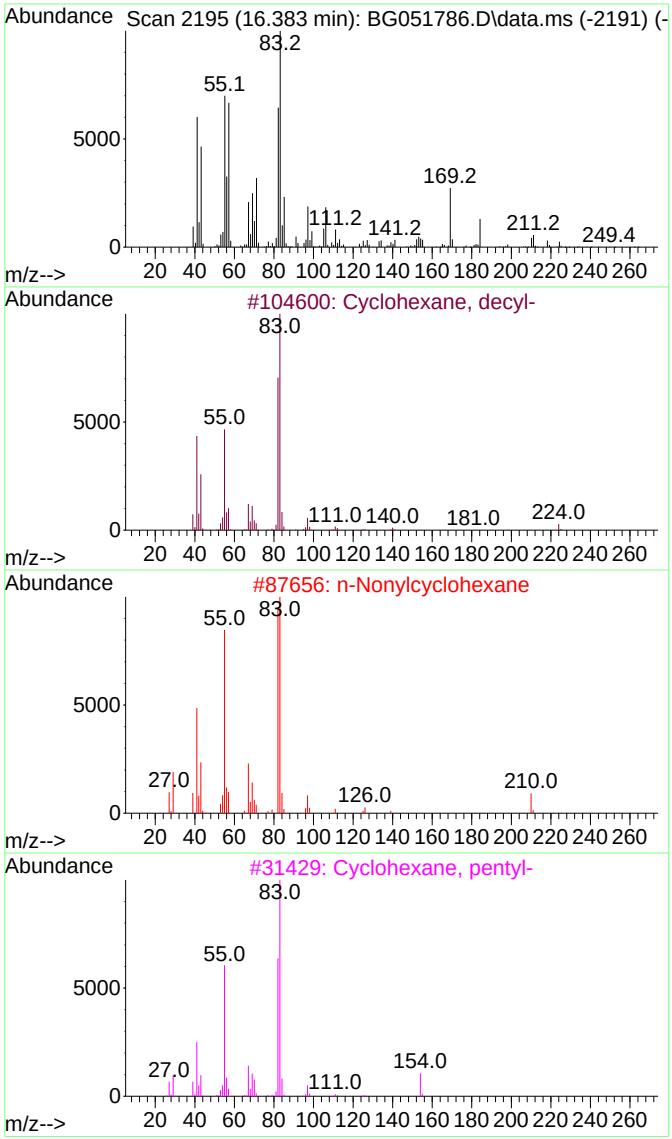
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

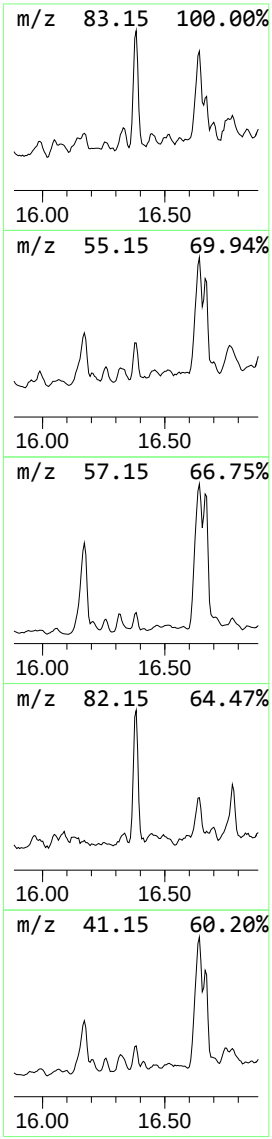
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 (DEL) Alkane: Cyclic16.383 Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.383 | 20.32 ng/ul | 2602040 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, decyl- | 224 | C16H32 | 001795-16-0 | 52 |
| 2 | n-Nonylcyclohexane | 210 | C15H30 | 002883-02-5 | 52 |
| 3 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 52 |
| 4 | n-Heptadecylcyclohexane | 322 | C23H46 | 019781-73-8 | 50 |
| 5 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

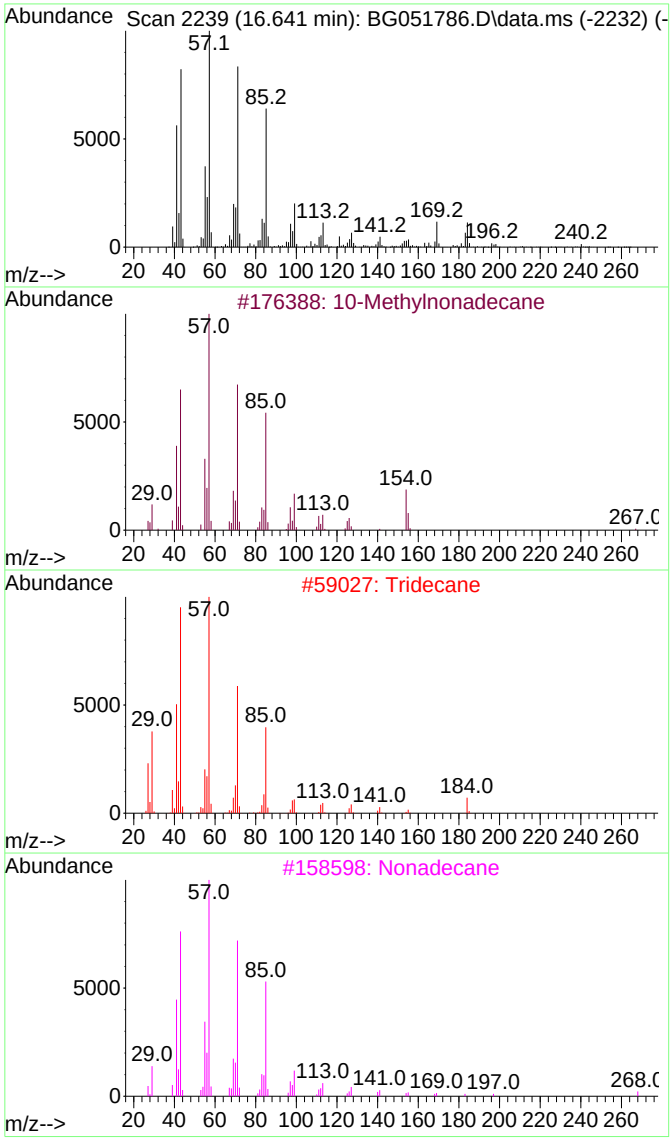
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

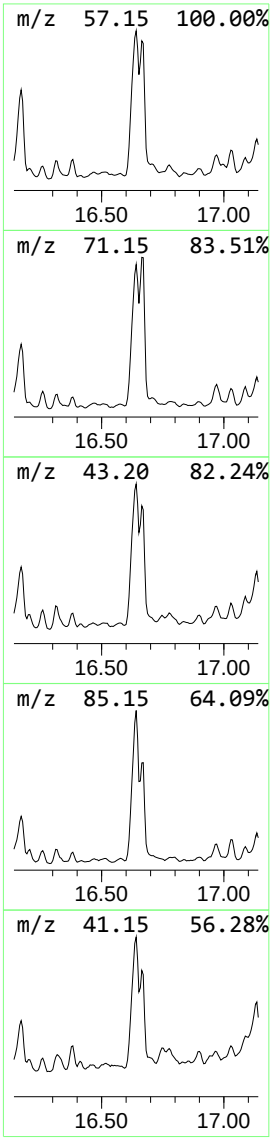
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.641 | 151.68 ng/ul | 19418900 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 90 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 89 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 83 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

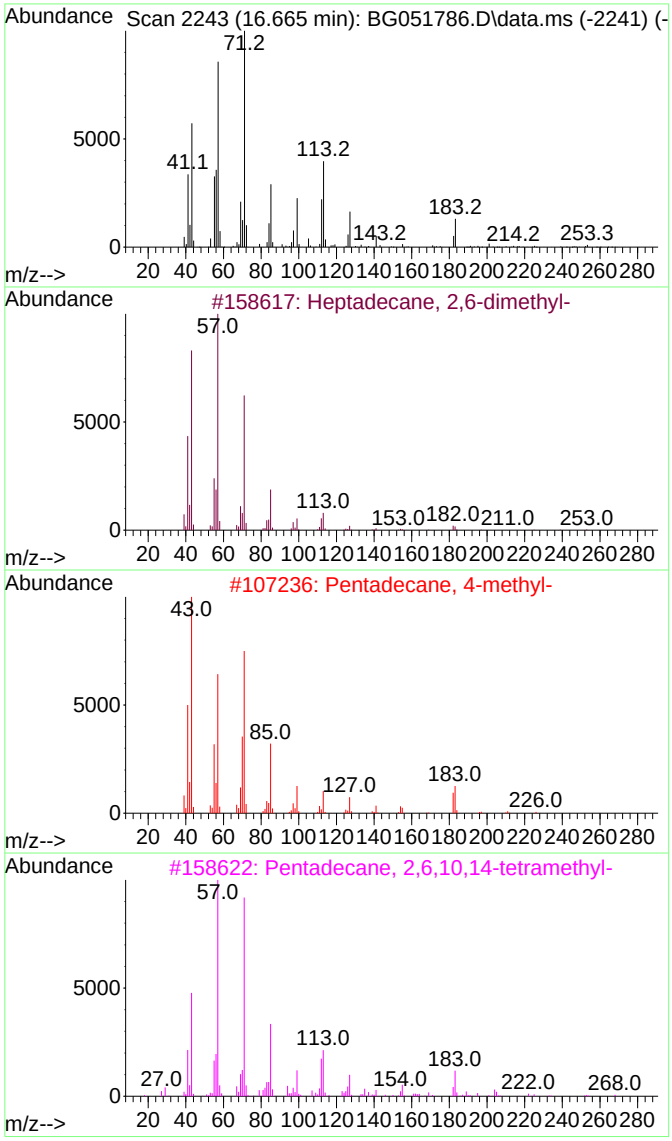
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

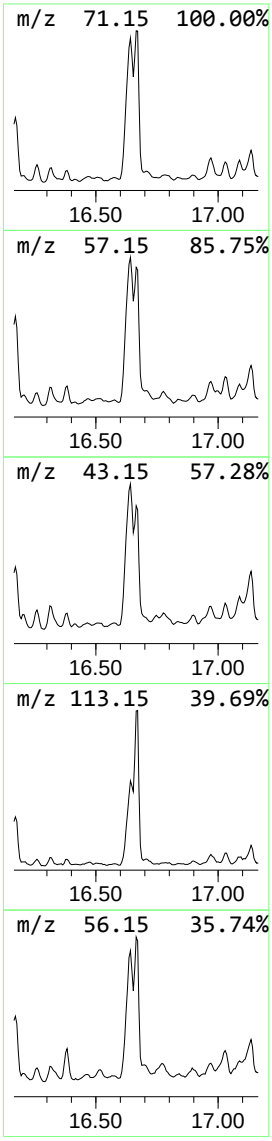
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.665 | 77.07 ng/ul | 9866610 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6-dimethyl- | 268 | C19H40 | 054105-67-8 | 64 |
| 2 | Pentadecane, 4-methyl- | 226 | C16H34 | 002801-87-8 | 64 |
| 3 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 53 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 53 |
| 5 | 4-Methyl-3-heptanol, chlorodiflu... | 242 | C10H17ClF2O2 | 1000447-27-4 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

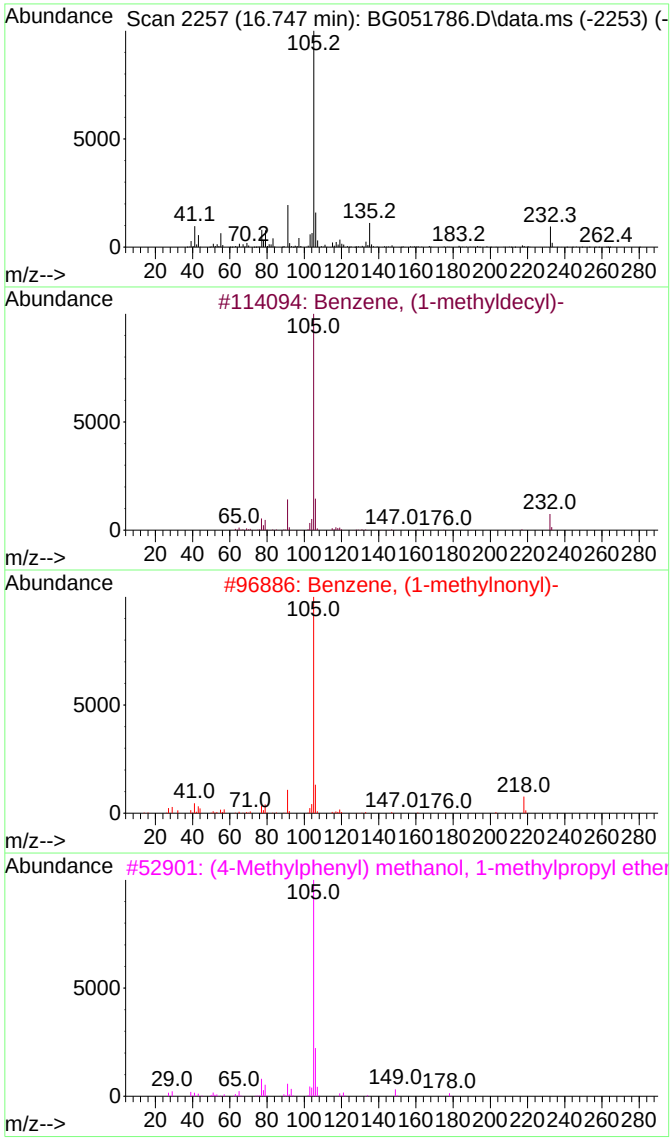
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

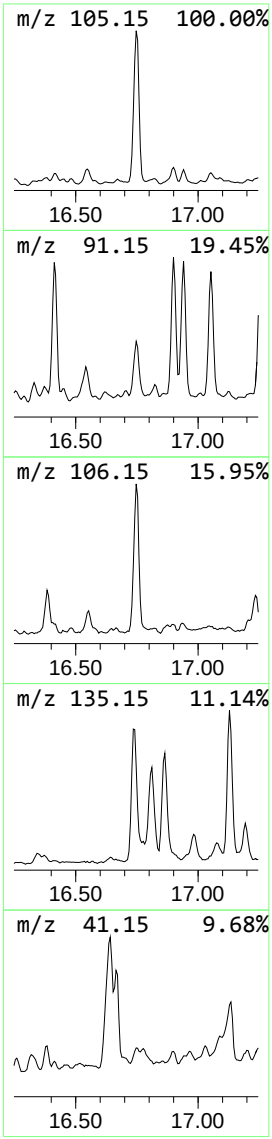
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 Benzene, (1-methyldecyl)- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.747 | 33.11 ng/ul | 4238410 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyldecyl)- | 232 | C17H28 | 004536-88-3 | 93 |
| 2 | Benzene, (1-methylnonyl)- | 218 | C16H26 | 004537-13-7 | 43 |
| 3 | (4-Methylphenyl) methanol, 1-met... | 178 | C12H18O | 1000374-65-6 | 38 |
| 4 | Benzaldehyde, 4-(4-methylbenzylo... | 226 | C15H14O2 | 066742-58-3 | 38 |
| 5 | Hydratropic acid, octyl ester | 262 | C17H26O2 | 1000415-06-5 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

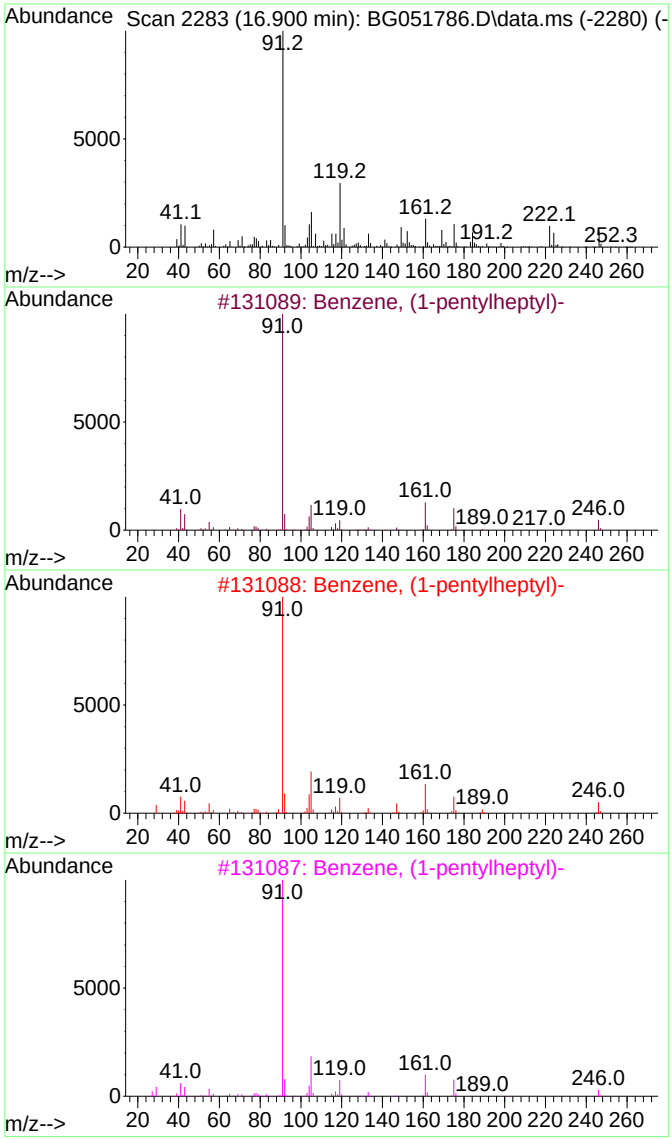
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

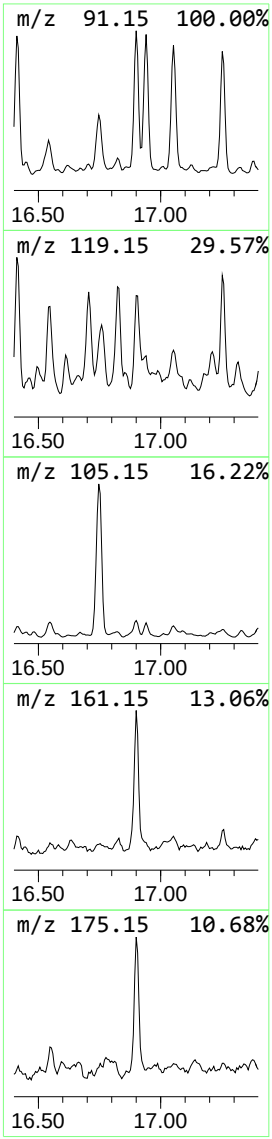
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 Benzene, (1-pentylheptyl)- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.900 | 20.22 ng/ul | 2588370 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-pentylheptyl)- | 246 | C18H30 | 002719-62-2 | 50 |
| 2 | Benzene, (1-pentylheptyl)- | 246 | C18H30 | 002719-62-2 | 45 |
| 3 | Benzene, (1-pentylheptyl)- | 246 | C18H30 | 002719-62-2 | 35 |
| 4 | 2-phenylbutyric acid, 2,2,2-trif... | 246 | C12H13F3O2 | 1000376-55-3 | 30 |
| 5 | 1-Bromo-1-phenylpropane | 198 | C9H11Br | 002114-36-5 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

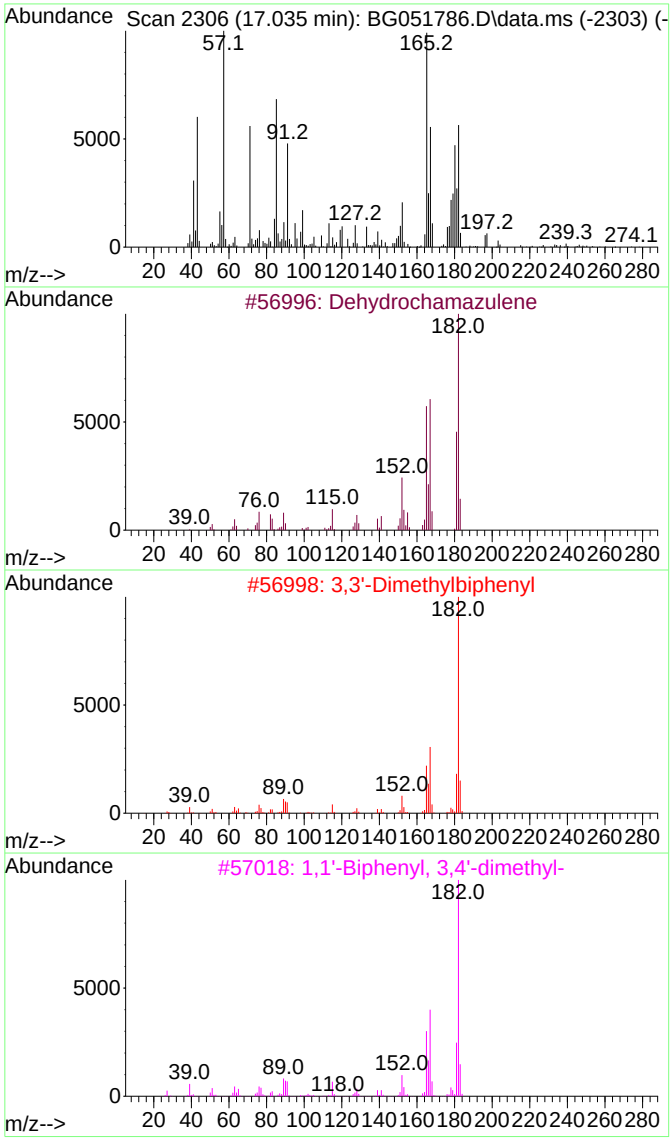
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

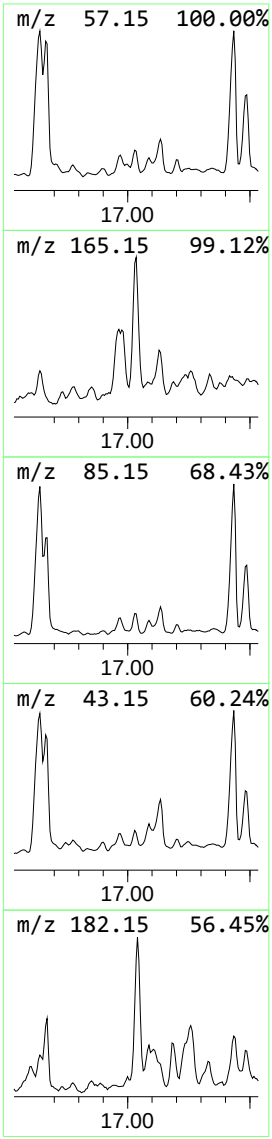
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 Dehydrochamazulene Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.035 | 17.78 ng/ul | 2276120 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dehydrochamazulene | 182 | C14H14 | 321732-25-6 | 64 |
| 2 | 3,3'-Dimethylbiphenyl | 182 | C14H14 | 000612-75-9 | 50 |
| 3 | 1,1'-Biphenyl, 3,4'-dimethyl- | 182 | C14H14 | 007383-90-6 | 45 |
| 4 | 4,4'-Dimethylbiphenyl | 182 | C14H14 | 000613-33-2 | 45 |
| 5 | 4,4'-Dimethylbiphenyl | 182 | C14H14 | 000613-33-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

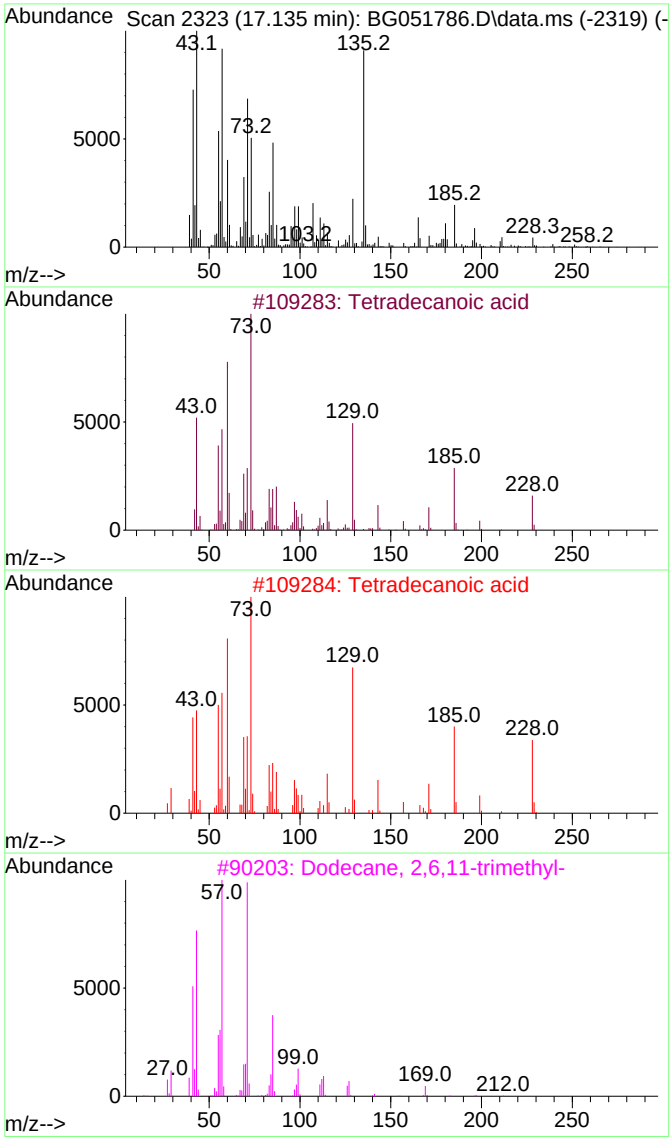
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

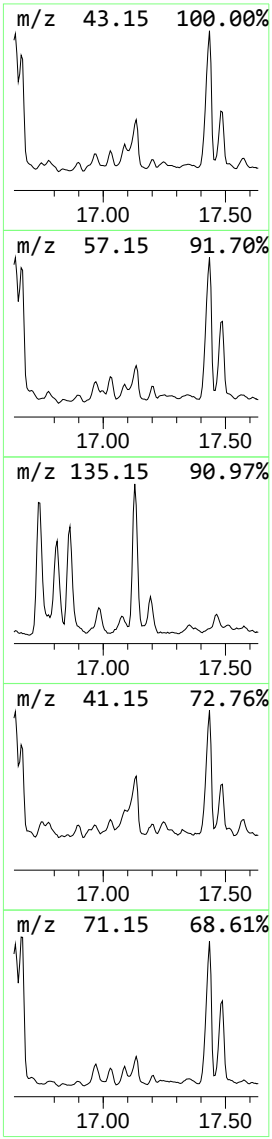
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 unknown-03 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.134 | 64.50 ng/ul | 8258070 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 35 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 35 |
| 3 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 25 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 20 |
| 5 | Decanoic acid, silver(1+) salt | 278 | C10H19AgO2 | 013126-67-5 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

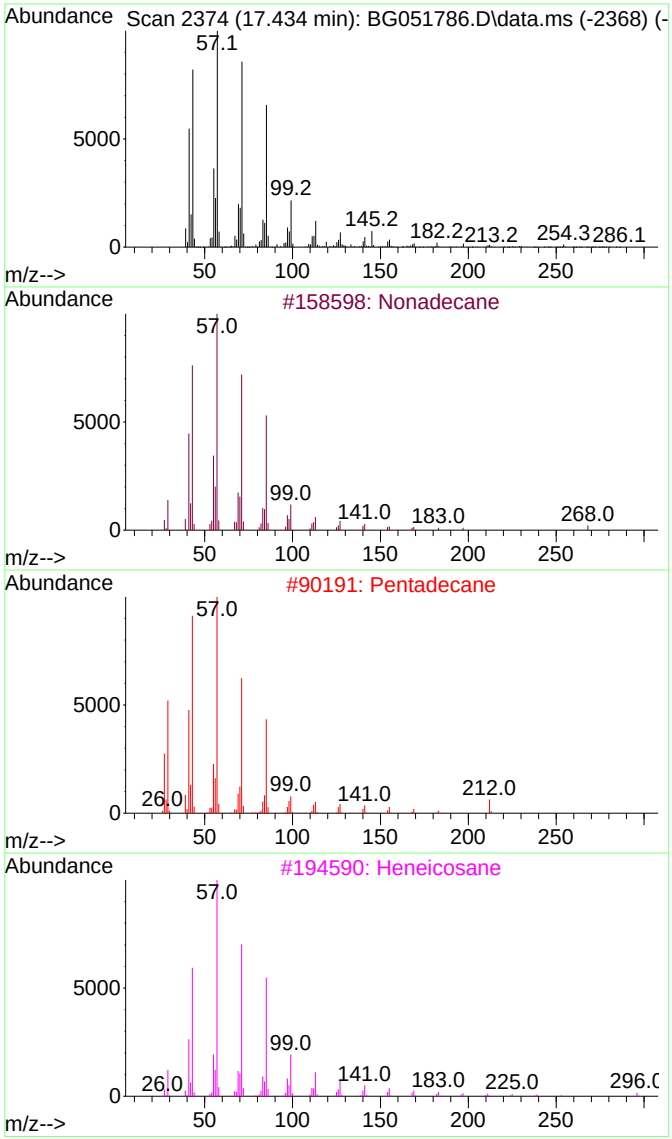
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

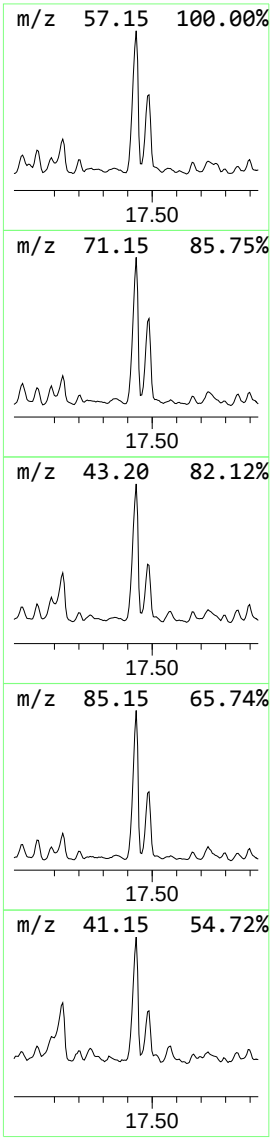
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.434 | 105.34 ng/ul | 13485900 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 87 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 4 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 87 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

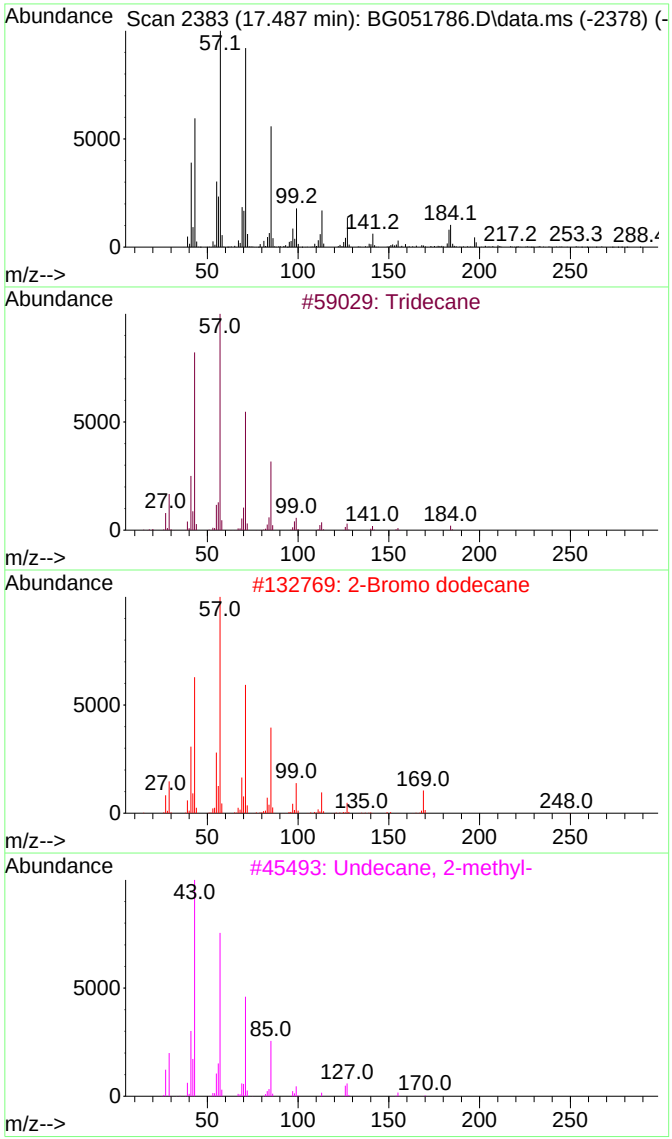
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

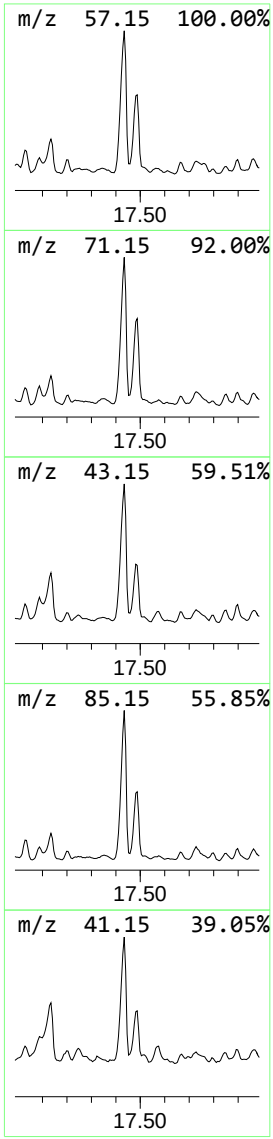
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.487 | 46.67 ng/ul | 5974730 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 2 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 90 |
| 3 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 90 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

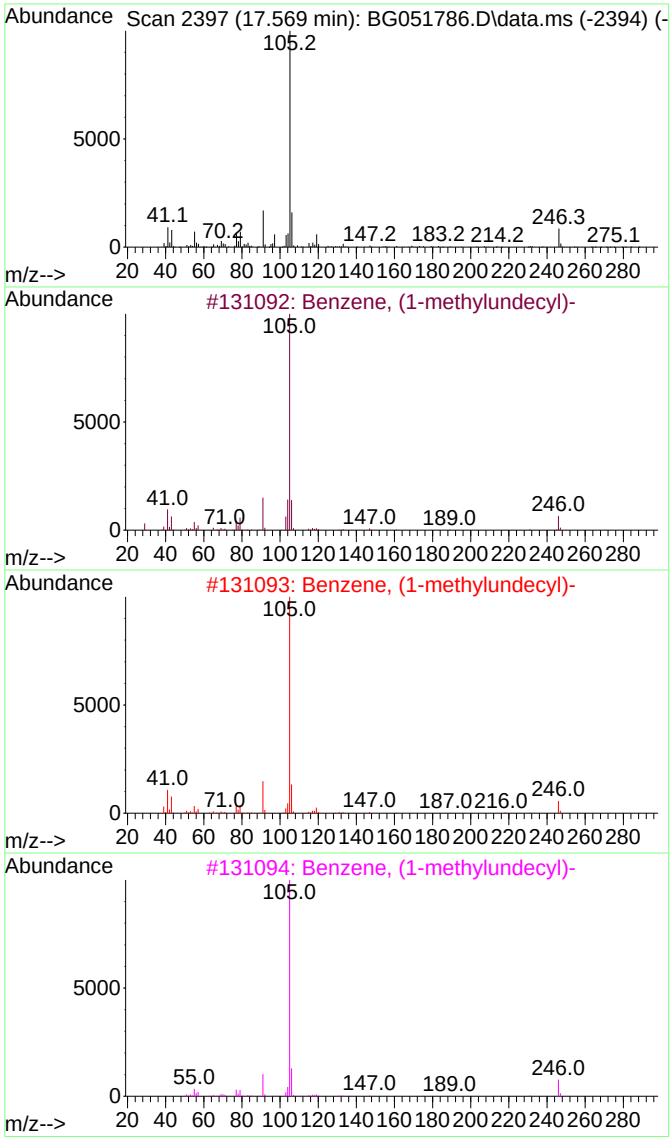
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

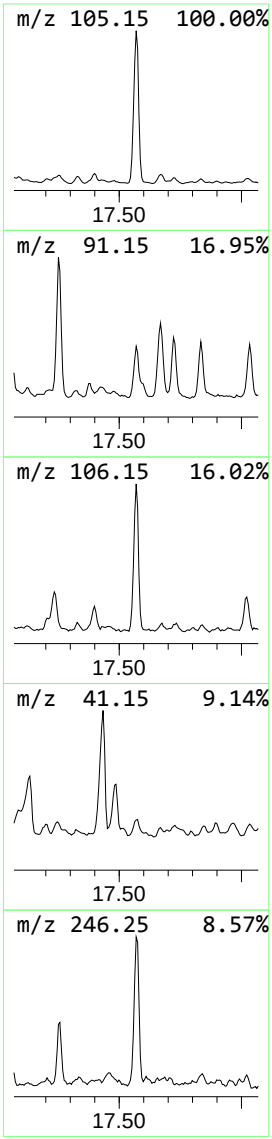
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 Benzene, (1-methylundecyl)- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.569 | 38.14 ng/ul | 4882810 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylundecyl)- | 246 | C18H30 | 002719-61-1 | 94 |
| 2 | Benzene, (1-methylundecyl)- | 246 | C18H30 | 002719-61-1 | 81 |
| 3 | Benzene, (1-methylundecyl)- | 246 | C18H30 | 002719-61-1 | 68 |
| 4 | Benzene, (1-methyldecyl)- | 232 | C17H28 | 004536-88-3 | 64 |
| 5 | Heptane, 2,6-diphenyl-3-methyl- | 266 | C20H26 | 1000161-22-5 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

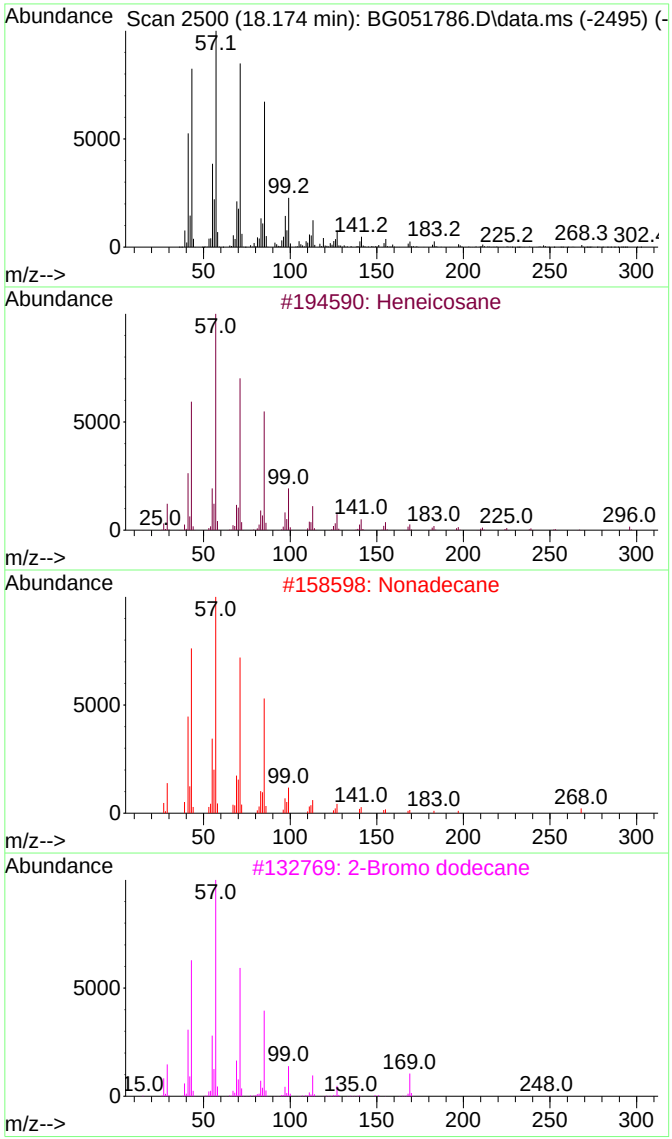
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

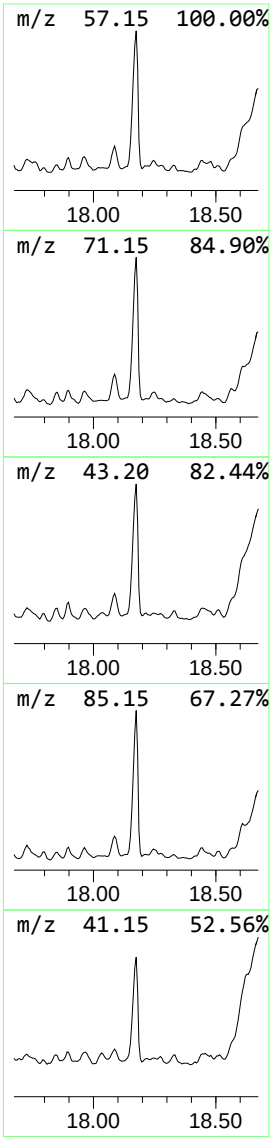
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.174 | 108.04 ng/ul | 13832200 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 3 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 90 |
| 4 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 90 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

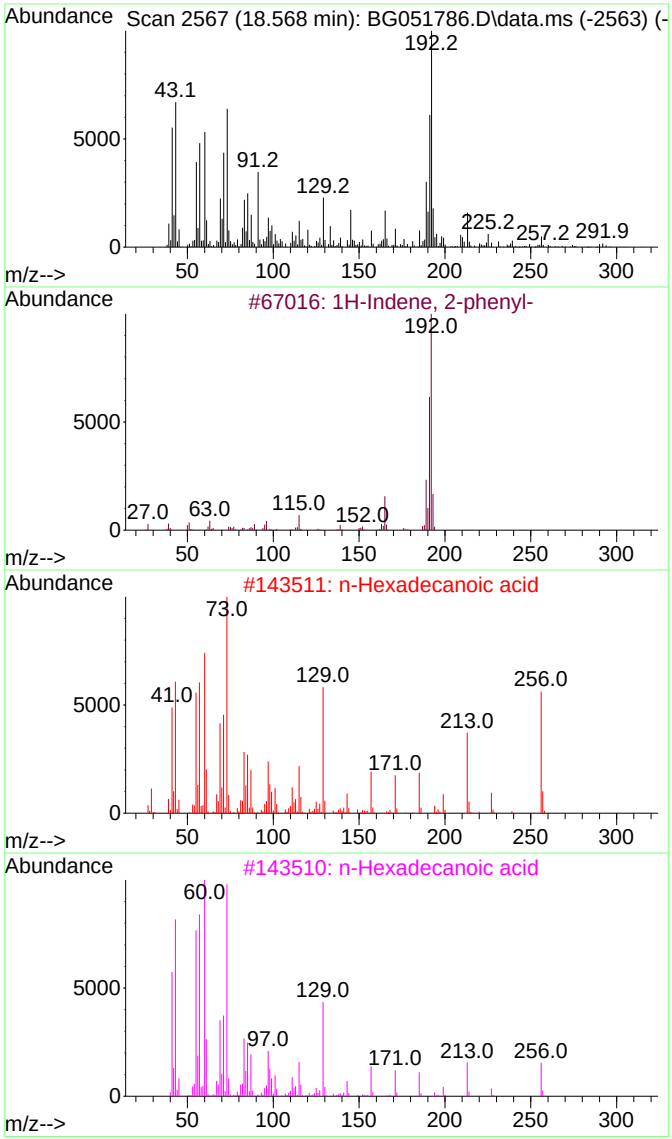
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

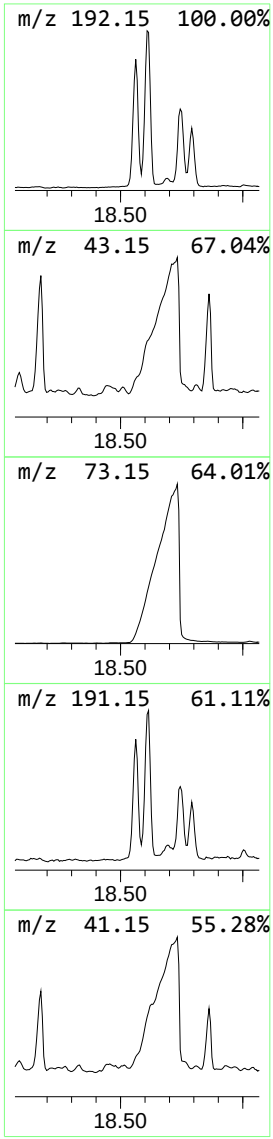
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 54 1H-Indene, 2-phenyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.568 | 23.93 ng/ul | 3064140 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 83 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 64 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 62 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 56 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

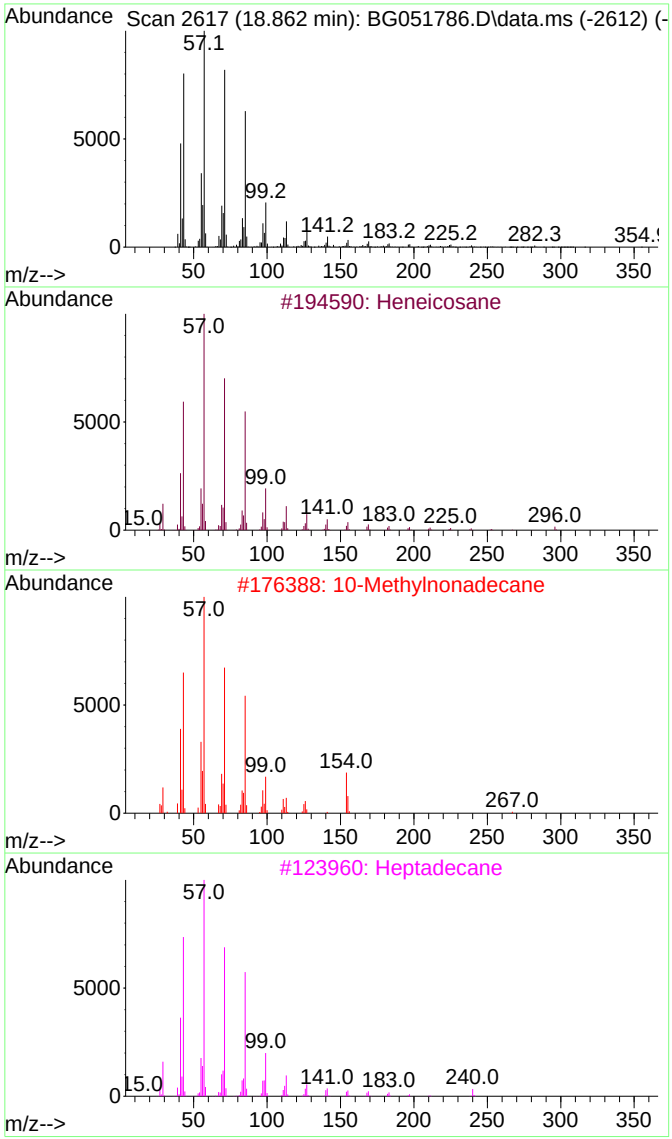
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

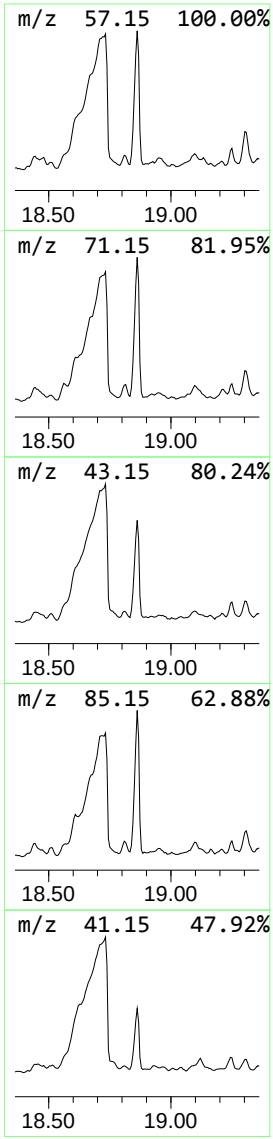
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.862 | 72.88 ng/ul | 9330870 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 91 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

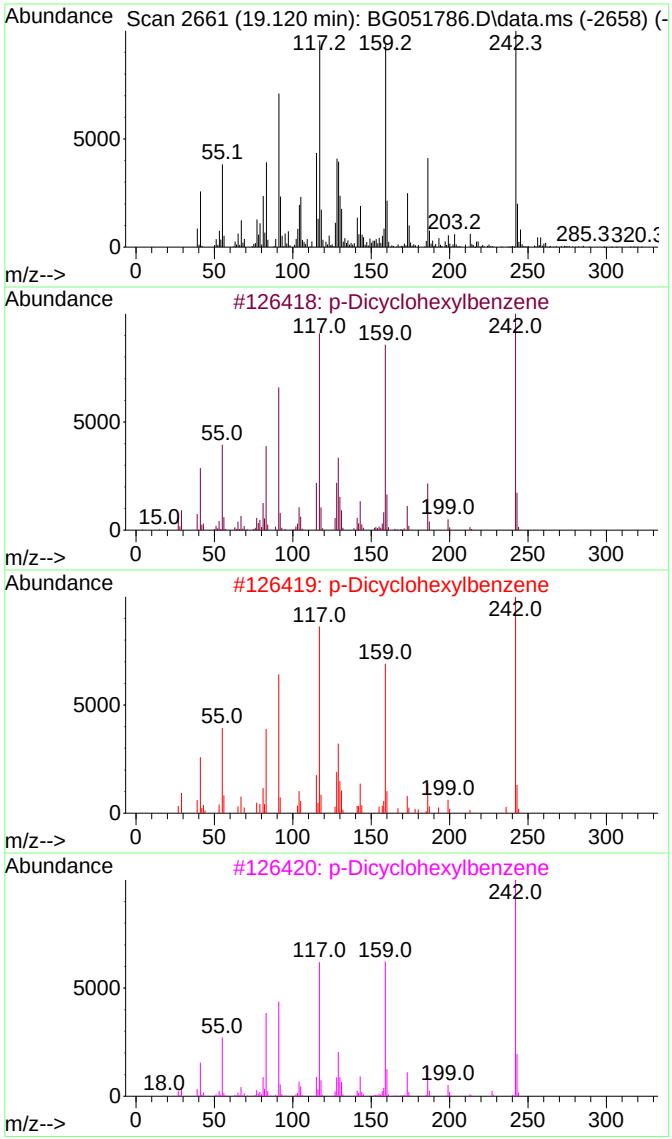
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

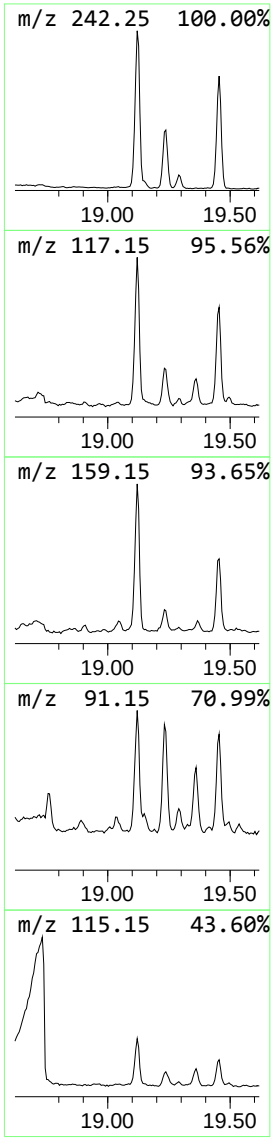
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 p-Dicyclohexylbenzene Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.120 | 31.17 ng/ul | 3990000 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 96 |
| 2 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 90 |
| 3 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 76 |
| 4 | Bicyclohexyl, 4-phenyl- | 242 | C18H26 | 020273-27-2 | 70 |
| 5 | Pyridine, 1,2,3,6-tetrahydro-4-p... | 159 | C11H13N | 010338-69-9 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

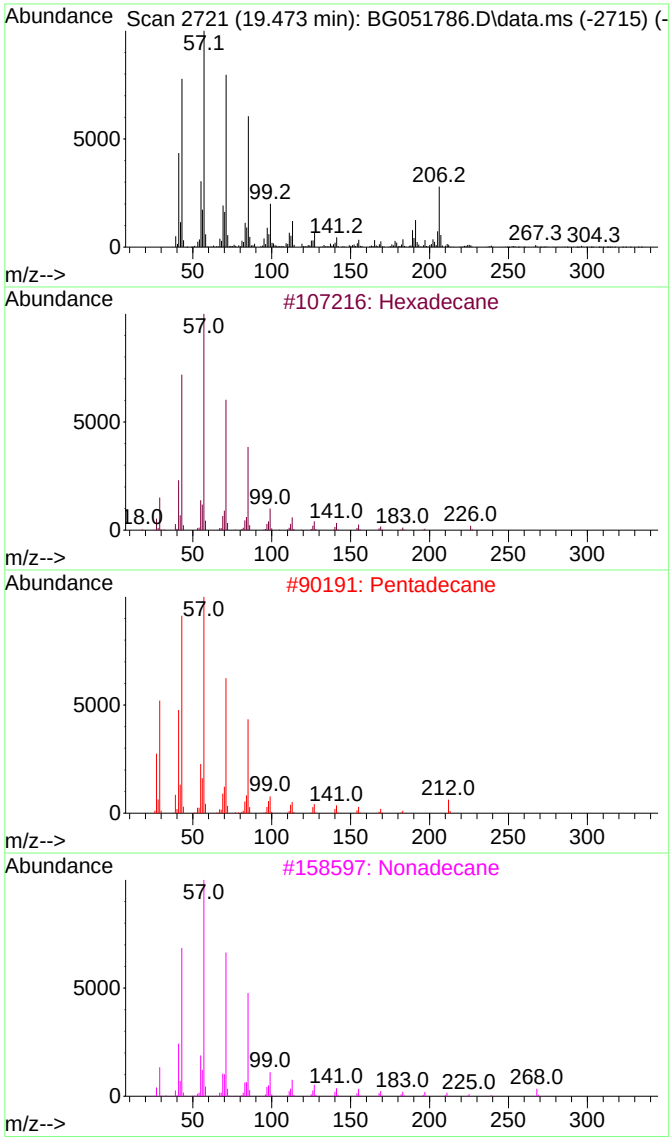
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

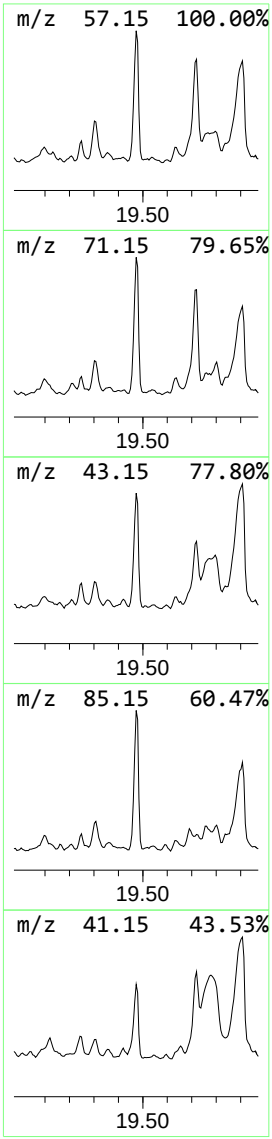
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.473 | 82.39 ng/ul | 10547600 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 94 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 93 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 4 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 89 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

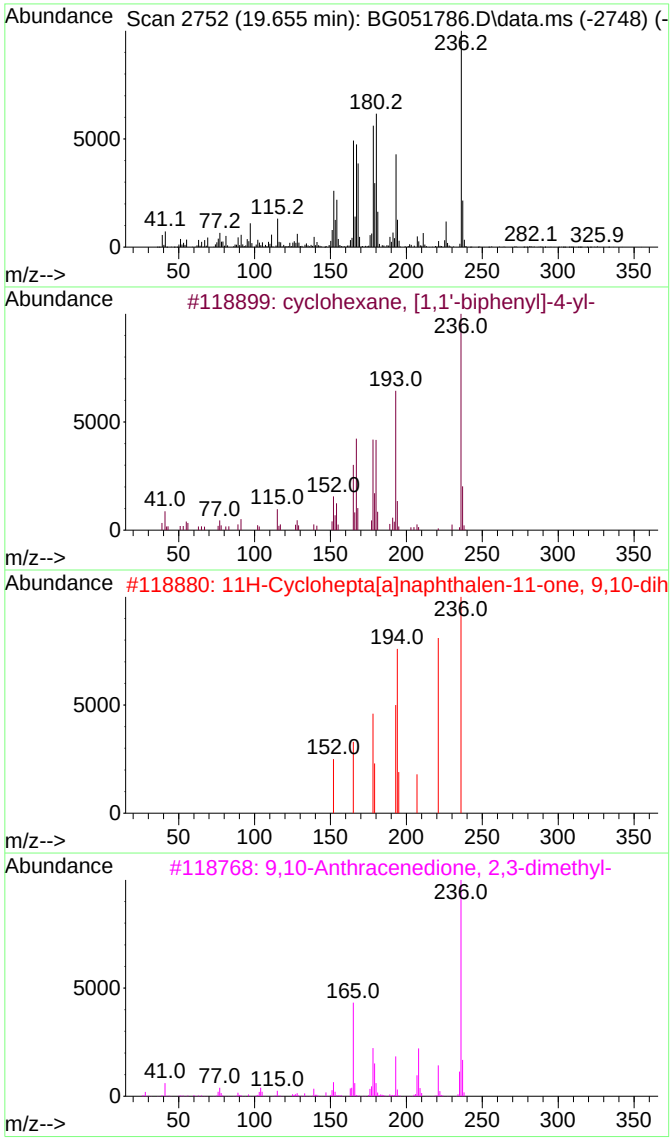
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

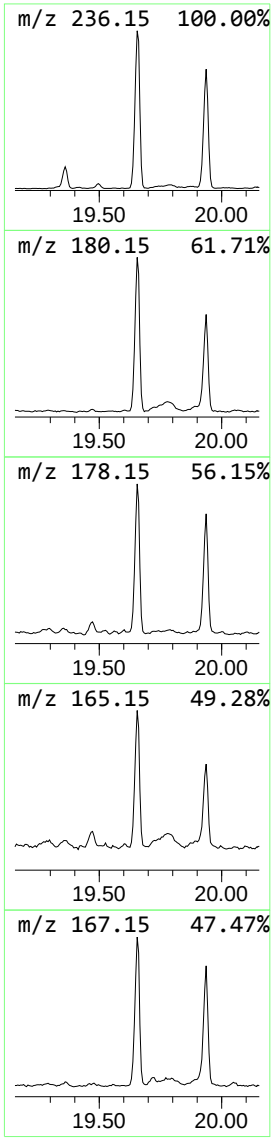
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 cyclohexane, [1,1'-biphenyl... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.655 | 38.94 ng/ul | 4985370 | Phenanthrene-d10 | 17.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cyclohexane, [1,1'-biphenyl]-4-yl- | 236 | C18H20 | 1000401-12-4 | 94 |
| 2 | 11H-Cyclohepta[a]naphthalen-11-o... | 236 | C17H16O | 058111-76-5 | 43 |
| 3 | 9,10-Anthracenedione, 2,3-dimethyl- | 236 | C16H12O2 | 006531-35-7 | 38 |
| 4 | 2-Butene, 1,1,4,4-tetraphenyl- | 360 | C28H24 | 096277-13-3 | 35 |
| 5 | 9,10-Anthracenedione, 2,7-dimethyl- | 236 | C16H12O2 | 003286-01-9 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

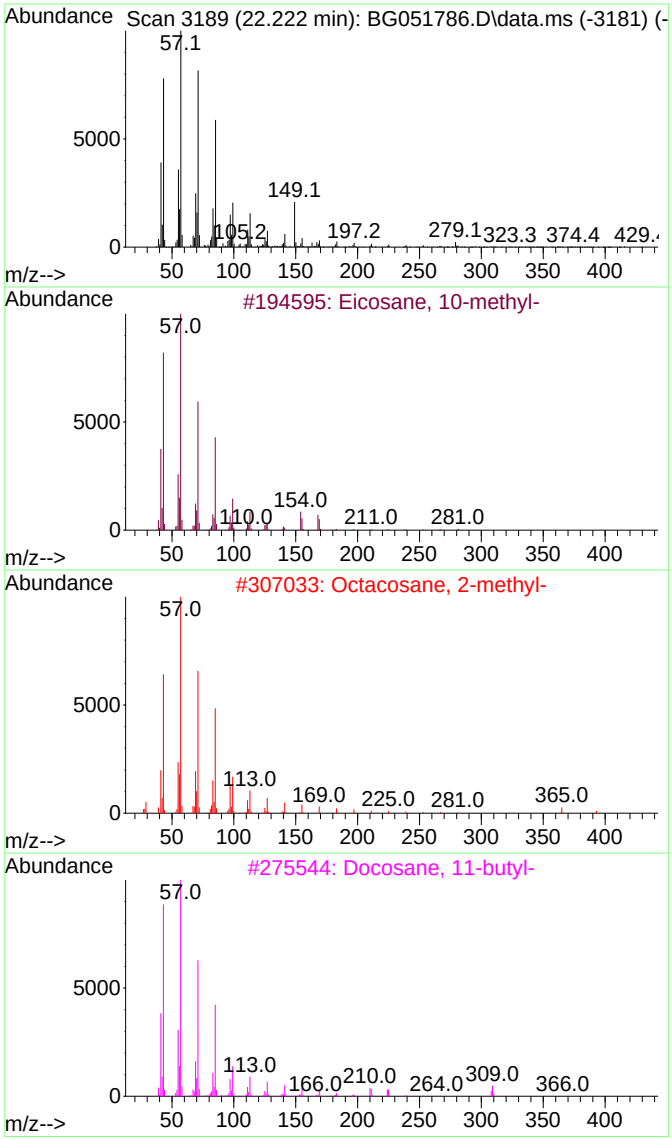
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

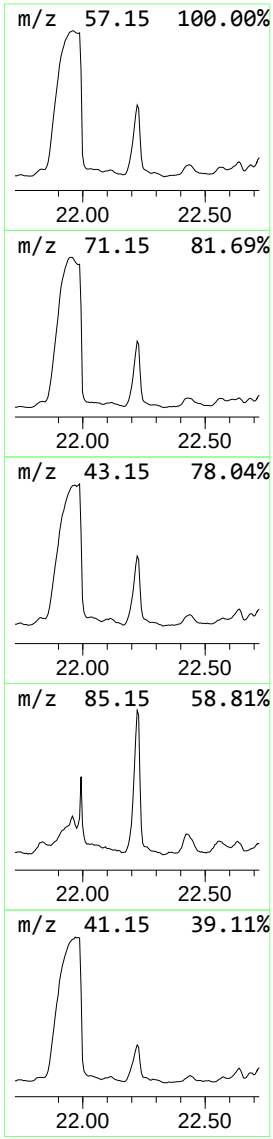
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.222 | 2.03 ng/ul | 13872800 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 91 |
| 2 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 90 |
| 3 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 89 |
| 4 | Docosane, 5-butyl- | 366 | C26H54 | 055282-16-1 | 89 |
| 5 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

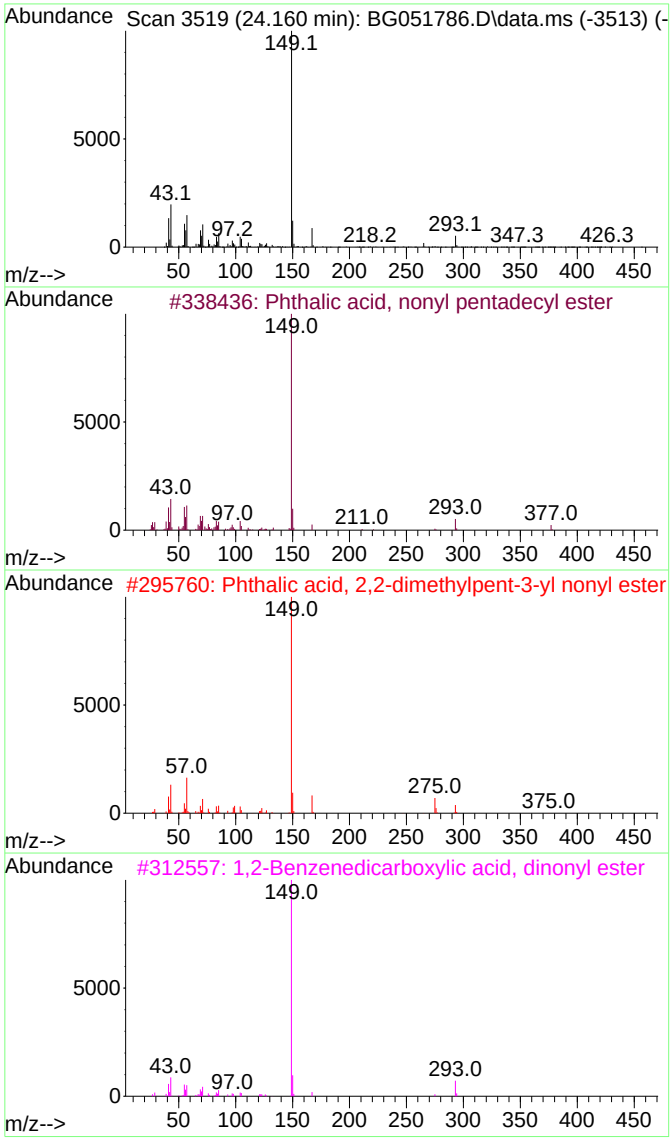
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

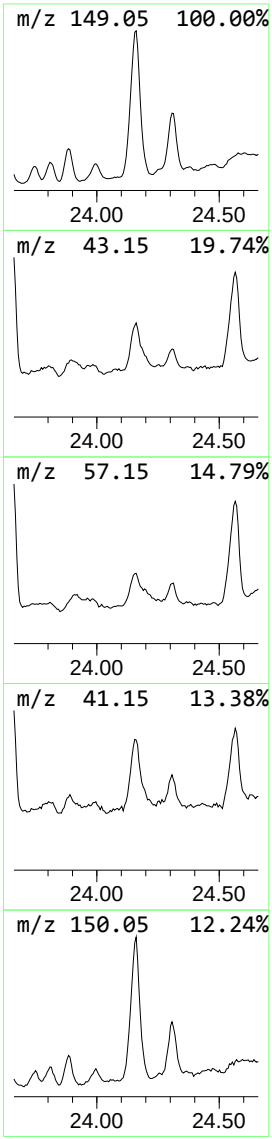
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 61 Phthalic acid, nonyl pentad... Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.160 | 20.00 ng/ul | 5865630 | Perylene-d12 | 25.576 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phthalic acid, nonyl pentadecyl ... | 502 | C32H54O4 | 1000308-92-7 | 91 |
| 2 | Phthalic acid, 2,2-dimethylpent-... | 390 | C24H38O4 | 1000415-53-2 | 90 |
| 3 | 1,2-Benzenedicarboxylic acid, di... | 418 | C26H42O4 | 000084-76-4 | 90 |
| 4 | Phthalic acid, 5-methylhex-2-yl ... | 502 | C32H54O4 | 1000371-07-7 | 87 |
| 5 | Phthalic acid, decyl 2-ethylhexy... | 418 | C26H42O4 | 1000309-00-0 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

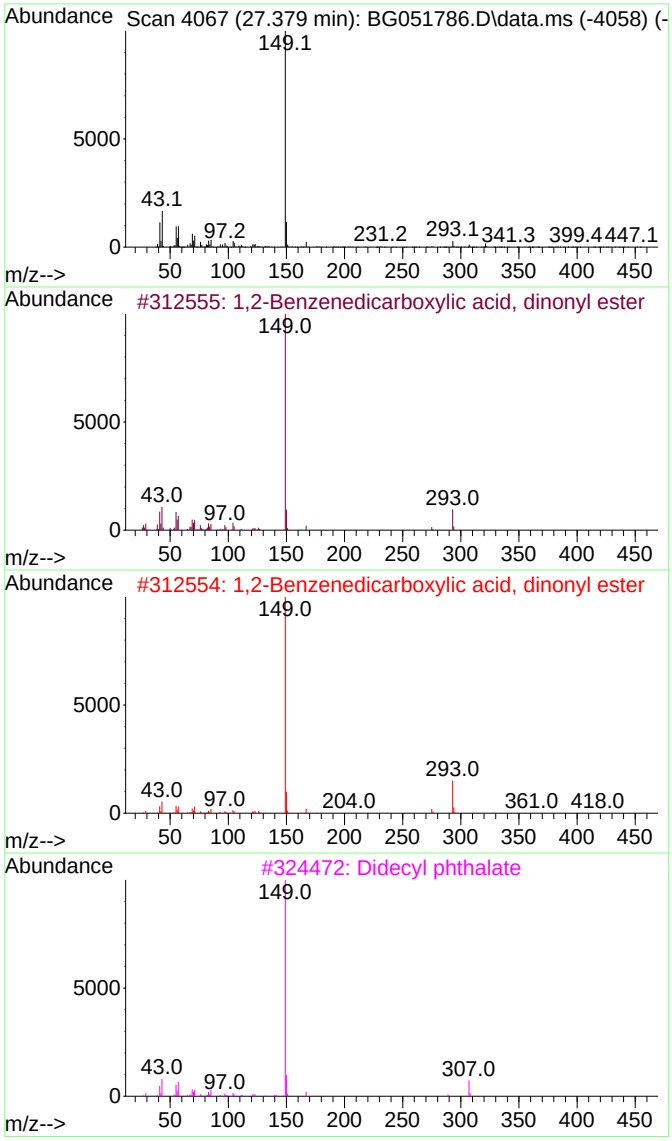
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

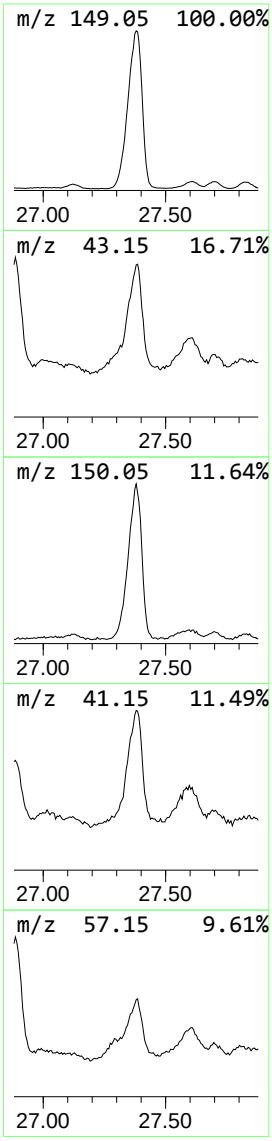
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 62 1,2-Benzenedicarboxylic aci... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.380 | 23.65 ng/ul | 6937230 | Perylene-d12 | 25.576 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzenedicarboxylic acid, di... | 418 | C26H42O4 | 000084-76-4 | 86 |
| 2 | 1,2-Benzenedicarboxylic acid, di... | 418 | C26H42O4 | 000084-76-4 | 86 |
| 3 | Didecyl phthalate | 446 | C28H46O4 | 000084-77-5 | 86 |
| 4 | Phthalic acid, heptyl undecyl ester | 418 | C26H42O4 | 1010308-94-0 | 86 |
| 5 | Phthalic acid, dodecyl octyl ester | 446 | C28H46O4 | 1010308-91-7 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051786.D
Acq On : 23 Dec 2021 15:43
Operator : CG/JU
Sample : M5215-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.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 |
| Ethylbenzene | 5.768 | 144.4 | ng/ul | 27062200 | 1 | 8.282 | 3747970 | 20.0 |
| o-Xylene | 5.932 | 375.2 | ng/ul | 70307200 | 1 | 8.282 | 3747970 | 20.0 |
| p-Xylene | 6.273 | 111.8 | ng/ul | 20956900 | 1 | 8.282 | 3747970 | 20.0 |
| Ether, heptyl h... | 6.525 | 15.1 | ng/ul | 2825070 | 1 | 8.282 | 3747970 | 20.0 |
| (DEL) Alkane: S... | 6.649 | 9.4 | ng/ul | 1757840 | 1 | 8.282 | 3747970 | 20.0 |
| Benzene, (1-met... | 6.743 | 15.9 | ng/ul | 2976830 | 1 | 8.282 | 3747970 | 20.0 |
| (DEL) Alkane: S... | 6.819 | 11.7 | ng/ul | 2195810 | 1 | 8.282 | 3747970 | 20.0 |
| Cyclohexanone, ... | 6.907 | 22.3 | ng/ul | 4184480 | 1 | 8.282 | 3747970 | 20.0 |
| (DEL) Alkane: S... | 7.160 | 10.7 | ng/ul | 1999580 | 1 | 8.282 | 3747970 | 20.0 |
| (DEL) Alkane: S... | 7.260 | 30.9 | ng/ul | 5797040 | 1 | 8.282 | 3747970 | 20.0 |
| (DEL) Alkane: S... | 7.318 | 14.8 | ng/ul | 2778810 | 1 | 8.282 | 3747970 | 20.0 |
| Benzene, 1,2,3-... | 7.500 | 26.7 | ng/ul | 4997850 | 1 | 8.282 | 3747970 | 20.0 |
| Benzene, 1-ethy... | 7.665 | 16.8 | ng/ul | 3150940 | 1 | 8.282 | 3747970 | 20.0 |
| (DEL) Alkane: S... | 7.912 | 78.0 | ng/ul | 14610900 | 1 | 8.282 | 3747970 | 20.0 |
| Benzene, 1-ethy... | 8.405 | 20.3 | ng/ul | 3807300 | 1 | 8.282 | 3747970 | 20.0 |
| (DEL) Alkane: C... | 8.581 | 10.2 | ng/ul | 1915630 | 1 | 8.282 | 3747970 | 20.0 |
| Benzene, 1-meth... | 8.828 | 21.8 | ng/ul | 4078780 | 1 | 8.282 | 3747970 | 20.0 |
| Carbonic acid, ... | 9.533 | 49.8 | ng/ul | 9325350 | 1 | 8.282 | 3747970 | 20.0 |
| Benzene, 1,3-di... | 9.656 | 13.9 | ng/ul | 2604270 | 1 | 8.282 | 3747970 | 20.0 |
| (DEL) Alkane: S... | 10.520 | 7.7 | ng/ul | 2093320 | 2 | 11.119 | 5428050 | 20.0 |
| (DEL) Alkane: S... | 12.517 | 24.7 | ng/ul | 6694240 | 2 | 11.119 | 5428050 | 20.0 |
| (DEL) Alkane: S... | 13.451 | 19.0 | ng/ul | 2723370 | 3 | 14.920 | 2869170 | 20.0 |
| Naphthalene, 2,... | 14.080 | 13.6 | ng/ul | 1951140 | 3 | 14.920 | 2869170 | 20.0 |
| Naphthalene, 1,... | 14.244 | 28.1 | ng/ul | 4033570 | 3 | 14.920 | 2869170 | 20.0 |
| unknown-01 | 14.356 | 17.7 | ng/ul | 2539660 | 3 | 14.920 | 2869170 | 20.0 |
| Carbonic acid, ... | 14.391 | 31.9 | ng/ul | 4569020 | 3 | 14.920 | 2869170 | 20.0 |
| (DEL) Alkane: S... | 14.426 | 11.1 | ng/ul | 1594620 | 3 | 14.920 | 2869170 | 20.0 |
| (DEL) Alkane: S... | 14.820 | 112.5 | ng/ul | 16143200 | 3 | 14.920 | 2869170 | 20.0 |
| Naphthalene, 1,... | 15.131 | 18.3 | ng/ul | 2621280 | 3 | 14.920 | 2869170 | 20.0 |
| Naphthalene, 1,... | 15.396 | 15.1 | ng/ul | 2163730 | 3 | 14.920 | 2869170 | 20.0 |
| Tetradecane, 1-... | 15.425 | 25.6 | ng/ul | 3670630 | 3 | 14.920 | 2869170 | 20.0 |
| (DEL) Alkane: S... | 15.772 | 106.4 | ng/ul | 15258000 | 3 | 14.920 | 2869170 | 20.0 |
| unknown-02 | 15.860 | 19.5 | ng/ul | 2793490 | 3 | 14.920 | 2869170 | 20.0 |
| (DEL) Alkane: S... | 16.171 | 61.9 | ng/ul | 8875090 | 3 | 14.920 | 2869170 | 20.0 |
| (DEL) Alkane: S... | 16.259 | 15.4 | ng/ul | 2216940 | 3 | 14.920 | 2869170 | 20.0 |
| (DEL) Alkane: S... | 16.318 | 19.7 | ng/ul | 2524940 | 4 | 17.681 | 2560500 | 20.0 |
| (DEL) Alkane: C... | 16.383 | 20.3 | ng/ul | 2602040 | 4 | 17.681 | 2560500 | 20.0 |
| (DEL) Alkane: S... | 16.641 | 151.7 | ng/ul | 19418900 | 4 | 17.681 | 2560500 | 20.0 |
| (DEL) Alkane: S... | 16.665 | 77.1 | ng/ul | 9866610 | 4 | 17.681 | 2560500 | 20.0 |
| Benzene, (1-met... | 16.747 | 33.1 | ng/ul | 4238410 | 4 | 17.681 | 2560500 | 20.0 |
| Benzene, (1-pen... | 16.900 | 20.2 | ng/ul | 2588370 | 4 | 17.681 | 2560500 | 20.0 |
| Dehydrochamazulene | 17.035 | 17.8 | ng/ul | 2276120 | 4 | 17.681 | 2560500 | 20.0 |
| unknown-03 | 17.134 | 64.5 | ng/ul | 8258070 | 4 | 17.681 | 2560500 | 20.0 |
| (DEL) Alkane: S... | 17.434 | 105.3 | ng/ul | 13485900 | 4 | 17.681 | 2560500 | 20.0 |
| (DEL) Alkane: S... | 17.487 | 46.7 | ng/ul | 5974730 | 4 | 17.681 | 2560500 | 20.0 |
| Benzene, (1-met... | 17.569 | 38.1 | ng/ul | 4882810 | 4 | 17.681 | 2560500 | 20.0 |
| (DEL) Alkane: S... | 18.174 | 108.0 | ng/ul | 13832200 | 4 | 17.681 | 2560500 | 20.0 |
| 1H-Indene, 2-ph... | 18.568 | 23.9 | ng/ul | 3064140 | 4 | 17.681 | 2560500 | 20.0 |
| (DEL) Alkane: S... | 18.862 | 72.9 | ng/ul | 9330870 | 4 | 17.681 | 2560500 | 20.0 |
| p-Dicyclohexylb... | 19.120 | 31.2 | ng/ul | 3990000 | 4 | 17.681 | 2560500 | 20.0 |
| (DEL) Alkane: S... | 19.473 | 82.4 | ng/ul | 10547600 | 4 | 17.681 | 2560500 | 20.0 |
| cyclohexane, [1... | 19.655 | 38.9 | ng/ul | 4985370 | 4 | 17.681 | 2560500 | 20.0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| (DEL) Alkane: S... | 22.222 | 2.0 | ng/ul | 13872800 | 5 | 22.034 | 136857000 | 20.0 | |
| Phthalic acid, ... | 24.160 | 20.0 | ng/ul | 5865630 | 6 | 25.576 | 5865630 | 20.0 | |
| 1,2-Benzenedica... | 27.380 | 23.6 | ng/ul | 6937230 | 6 | 25.576 | 5865630 | 20.0 | |

**Instrument :**
BNA_G
**ClientSampleId :**
BGLD3