LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

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-BG120624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG063630.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.554 | 242 | 249 | 257 | rBV | 780844 | 1296116 | 9.29% | 0.433% |
| 2 | 5.840 | 462 | 468 | 476 | rVB | 1648403 | 2501109 | 17.93% | 0.835% |
| 3 | 6.099 | 504 | 512 | 519 | rBV4 | 747651 | 1741326 | 12.49% | 0.581% |
| 4 | 6.316 | 543 | 549 | 556 | rBV5 | 645763 | 1419775 | 10.18% | 0.474% |
| 5 | 6.381 | 556 | 560 | 565 | rBV | 1060997 | 1572420 | 11.28% | 0.525% |
| 6 | 6.463 | 565 | 574 | 577 | rBV2 | 1396887 | 2574581 | 18.46% | 0.859% |
| 7 | 6.816 | 630 | 634 | 639 | rVB | 858338 | 1201225 | 8.61% | 0.401% |
| 8 | 6.980 | 654 | 662 | 669 | rVB5 | 1135695 | 2599731 | 18.64% | 0.868% |
| 9 | 7.450 | 736 | 742 | 749 | rVV2 | 5639292 | 9166068 | 65.73% | 3.060% |
| 10 | 7.720 | 783 | 788 | 796 | rBV7 | 409679 | 1270657 | 9.11% | 0.424% |
| 11 | 7.803 | 796 | 802 | 809 | rVB2 | 2196620 | 4263210 | 30.57% | 1.423% |
| 12 | 8.008 | 832 | 837 | 841 | rVV3 | 769221 | 1210458 | 8.68% | 0.404% |
| 13 | 8.108 | 846 | 854 | 860 | rVV4 | 1357481 | 2855814 | 20.48% | 0.953% |
| 14 | 8.349 | 886 | 895 | 902 | rBV3 | 933159 | 2548035 | 18.27% | 0.851% |
| 15 | 8.478 | 910 | 917 | 922 | rBV3 | 983602 | 1887460 | 13.53% | 0.630% |
| 16 | 8.584 | 930 | 935 | 939 | rBV | 718271 | 1121185 | 8.04% | 0.374% |
| 17 | 8.925 | 982 | 993 | 998 | rBV5 | 791547 | 2036059 | 14.60% | 0.680% |
| 18 | 9.048 | 1004 | 1014 | 1024 | rVB | 5742192 | 9906612 | 71.04% | 3.307% |
| 19 | 9.172 | 1031 | 1035 | 1041 | rVB6 | 573381 | 1194837 | 8.57% | 0.399% |
| 20 | 9.742 | 1128 | 1132 | 1137 | rBV2 | 689408 | 1133865 | 8.13% | 0.379% |
| 21 | 9.794 | 1137 | 1141 | 1150 | rVB6 | 600525 | 1268328 | 9.09% | 0.423% |
| 22 | 9.965 | 1162 | 1170 | 1174 | rBV3 | 788338 | 1244536 | 8.92% | 0.415% |
| 23 | 10.024 | 1174 | 1180 | 1181 | rBV2 | 1165590 | 1687035 | 12.10% | 0.563% |
| 24 | 10.593 | 1270 | 1277 | 1285 | rVV2 | 7756898 | 13945426 | 100.00% | 4.655% |
| 25 | 10.658 | 1285 | 1288 | 1297 | rVV2 | 592742 | 1459531 | 10.47% | 0.487% |
| 26 | 10.781 | 1304 | 1309 | 1314 | rVB | 2224389 | 3425439 | 24.56% | 1.144% |
| 27 | 11.316 | 1390 | 1400 | 1408 | rVV4 | 1052543 | 2942479 | 21.10% | 0.982% |
| 28 | 11.451 | 1418 | 1423 | 1430 | rBV3 | 751641 | 1288673 | 9.24% | 0.430% |
| 29 | 11.534 | 1430 | 1437 | 1444 | rVB2 | 1108114 | 2180491 | 15.64% | 0.728% |
| 30 | 11.639 | 1450 | 1455 | 1466 | rBV | 2677705 | 4976924 | 35.69% | 1.661% |
| 31 | 12.045 | 1517 | 1524 | 1534 | rBV | 8251387 | 12995229 | 93.19% | 4.338% |
| 32 | 12.274 | 1554 | 1563 | 1570 | rVB2 | 2024477 | 4559736 | 32.70% | 1.522% |
| 33 | 12.497 | 1595 | 1601 | 1610 | rVB2 | 1250792 | 2530283 | 18.14% | 0.845% |
| 34 | 12.679 | 1625 | 1632 | 1635 | rBV3 | 659244 | 1154185 | 8.28% | 0.385% |
| 35 | 12.732 | 1635 | 1641 | 1647 | rVB4 | 800275 | 1812502 | 13.00% | 0.605% |
| 36 | 12.856 | 1658 | 1662 | 1667 | rBV | 928721 | 1390391 | 9.97% | 0.464% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

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-BG120624.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.944 | 1673 | 1677 | 1682 | rBV2 | 680572 | 1175358 | 8.43% | 0.392% |
| 38 | 13.002 | 1682 | 1687 | 1692 | rVB | 2668920 | 3755008 | 26.93% | 1.254% |
| 39 | 13.296 | 1728 | 1737 | 1744 | rBV | 7283285 | 12242091 | 87.79% | 4.087% |
| 40 | 13.625 | 1787 | 1793 | 1794 | rBV | 1067964 | 1539385 | 11.04% | 0.514% |
| 41 | 13.784 | 1815 | 1820 | 1825 | rBV | 1831455 | 3378360 | 24.23% | 1.128% |
| 42 | 13.837 | 1825 | 1829 | 1840 | rVV3 | 1500158 | 3374542 | 24.20% | 1.127% |
| 43 | 13.954 | 1840 | 1849 | 1852 | rVV | 2452504 | 4104566 | 29.43% | 1.370% |
| 44 | 13.995 | 1852 | 1856 | 1858 | rVV | 846636 | 1280828 | 9.18% | 0.428% |
| 45 | 14.025 | 1858 | 1861 | 1864 | rVV | 1181707 | 1697514 | 12.17% | 0.567% |
| 46 | 14.066 | 1864 | 1868 | 1873 | rVB3 | 659109 | 1109531 | 7.96% | 0.370% |
| 47 | 14.371 | 1914 | 1920 | 1926 | rBV | 6177182 | 8366784 | 60.00% | 2.793% |
| 48 | 14.465 | 1927 | 1936 | 1942 | rBV2 | 1955157 | 4001321 | 28.69% | 1.336% |
| 49 | 14.677 | 1966 | 1972 | 1981 | rVB | 1001463 | 2557244 | 18.34% | 0.854% |
| 50 | 14.871 | 2000 | 2005 | 2011 | rVV2 | 2195601 | 3775023 | 27.07% | 1.260% |
| 51 | 14.947 | 2011 | 2018 | 2022 | rVV | 2337811 | 4100867 | 29.41% | 1.369% |
| 52 | 14.994 | 2022 | 2026 | 2034 | rVB5 | 943219 | 1689981 | 12.12% | 0.564% |
| 53 | 15.088 | 2034 | 2042 | 2047 | rBV2 | 1678772 | 3156096 | 22.63% | 1.054% |
| 54 | 15.141 | 2047 | 2051 | 2056 | rVB | 2500647 | 3334476 | 23.91% | 1.113% |
| 55 | 15.259 | 2063 | 2071 | 2074 | rBV | 1494963 | 3329057 | 23.87% | 1.111% |
| 56 | 15.294 | 2074 | 2077 | 2079 | rVV | 1401036 | 1947417 | 13.96% | 0.650% |
| 57 | 15.323 | 2079 | 2082 | 2087 | rVB | 3372811 | 4030296 | 28.90% | 1.345% |
| 58 | 15.429 | 2095 | 2100 | 2104 | rBV3 | 982227 | 1606133 | 11.52% | 0.536% |
| 59 | 15.511 | 2109 | 2114 | 2118 | rBV4 | 1436466 | 2166500 | 15.54% | 0.723% |
| 60 | 15.570 | 2118 | 2124 | 2127 | rBV4 | 648055 | 1084077 | 7.77% | 0.362% |
| 61 | 15.641 | 2128 | 2136 | 2140 | rBV3 | 2791307 | 5355504 | 38.40% | 1.788% |
| 62 | 15.676 | 2140 | 2142 | 2147 | rVB4 | 1249906 | 1779590 | 12.76% | 0.594% |
| 63 | 15.729 | 2147 | 2151 | 2155 | rBV | 1746655 | 2305389 | 16.53% | 0.770% |
| 64 | 15.805 | 2155 | 2164 | 2167 | rBV6 | 637801 | 1790642 | 12.84% | 0.598% |
| 65 | 15.934 | 2182 | 2186 | 2190 | rVV3 | 840148 | 1437551 | 10.31% | 0.480% |
| 66 | 16.034 | 2198 | 2203 | 2214 | rVB2 | 1262081 | 2584664 | 18.53% | 0.863% |
| 67 | 16.193 | 2225 | 2230 | 2238 | rVB3 | 2894268 | 6040493 | 43.32% | 2.016% |
| 68 | 16.334 | 2249 | 2254 | 2258 | rBV4 | 1484500 | 3042924 | 21.82% | 1.016% |
| 69 | 16.504 | 2271 | 2283 | 2284 | rBV6 | 2105757 | 3468892 | 24.87% | 1.158% |
| 70 | 16.575 | 2290 | 2295 | 2301 | rBV4 | 2213690 | 4043491 | 29.00% | 1.350% |
| 71 | 16.675 | 2310 | 2312 | 2317 | rVB | 1108649 | 1416332 | 10.16% | 0.473% |
| 72 | 16.733 | 2317 | 2322 | 2326 | rBV4 | 878148 | 2125338 | 15.24% | 0.709% |
| 73 | 16.980 | 2361 | 2364 | 2369 | rVB2 | 1194474 | 1730587 | 12.41% | 0.578% |
| 74 | 17.033 | 2369 | 2373 | 2379 | rBV5 | 680541 | 1229619 | 8.82% | 0.410% |
| 75 | 17.221 | 2400 | 2405 | 2408 | rBV2 | 2286012 | 3445437 | 24.71% | 1.150% |
| 76 | 17.262 | 2408 | 2412 | 2418 | rVV | 4302213 | 6694278 | 48.00% | 2.235% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

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-BG120624.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.356 | 2424 | 2428 | 2431 | rVV | 1353807 | 2066284 | 14.82% | 0.690% |
| 78 | 17.421 | 2431 | 2439 | 2443 | rVV2 | 1589706 | 3957747 | 28.38% | 1.321% |
| 79 | 17.462 | 2443 | 2446 | 2449 | rVV | 990770 | 1361420 | 9.76% | 0.454% |
| 80 | 17.497 | 2449 | 2452 | 2461 | rVB5 | 734722 | 1782466 | 12.78% | 0.595% |
| 81 | 17.638 | 2471 | 2476 | 2480 | rBV4 | 961244 | 1898981 | 13.62% | 0.634% |
| 82 | 17.720 | 2486 | 2490 | 2496 | rVB2 | 1143408 | 1700927 | 12.20% | 0.568% |
| 83 | 18.102 | 2550 | 2555 | 2559 | rBV | 3410275 | 5043828 | 36.17% | 1.684% |
| 84 | 18.149 | 2559 | 2563 | 2570 | rVB | 4096439 | 6327868 | 45.38% | 2.112% |
| 85 | 18.232 | 2572 | 2577 | 2583 | rBV3 | 1949961 | 4007897 | 28.74% | 1.338% |
| 86 | 18.290 | 2583 | 2587 | 2591 | rBV3 | 1089508 | 2081663 | 14.93% | 0.695% |
| 87 | 18.414 | 2604 | 2608 | 2613 | rBV | 1688261 | 2135071 | 15.31% | 0.713% |
| 88 | 18.602 | 2636 | 2640 | 2645 | rVB | 1031592 | 1377653 | 9.88% | 0.460% |
| 89 | 18.849 | 2679 | 2682 | 2685 | rBV | 1261591 | 1596334 | 11.45% | 0.533% |
| 90 | 18.901 | 2689 | 2691 | 2694 | rVV | 1540652 | 1663722 | 11.93% | 0.555% |
| 91 | 19.025 | 2707 | 2712 | 2714 | rBV | 1528551 | 2285884 | 16.39% | 0.763% |
| 92 | 19.048 | 2714 | 2716 | 2721 | rVB | 1152853 | 1405194 | 10.08% | 0.469% |
| 93 | 19.154 | 2731 | 2734 | 2742 | rBV | 939116 | 1734719 | 12.44% | 0.579% |
| 94 | 19.283 | 2752 | 2756 | 2763 | rVB2 | 2369586 | 3576753 | 25.65% | 1.194% |
| 95 | 19.383 | 2770 | 2773 | 2777 | rBV2 | 1147963 | 1552520 | 11.13% | 0.518% |
| 96 | 19.630 | 2812 | 2815 | 2821 | rBV4 | 1433142 | 2544789 | 18.25% | 0.850% |
| 97 | 19.800 | 2841 | 2844 | 2846 | rBV2 | 1083005 | 1421752 | 10.20% | 0.475% |
| 98 | 20.165 | 2904 | 2906 | 2910 | rVB | 1498545 | 1530792 | 10.98% | 0.511% |
| 99 | 20.347 | 2934 | 2937 | 2942 | rVB5 | 1309896 | 1983579 | 14.22% | 0.662% |
| 100 | 21.322 | 3099 | 3103 | 3109 | rBV2 | 2298732 | 4861862 | 34.86% | 1.623% |

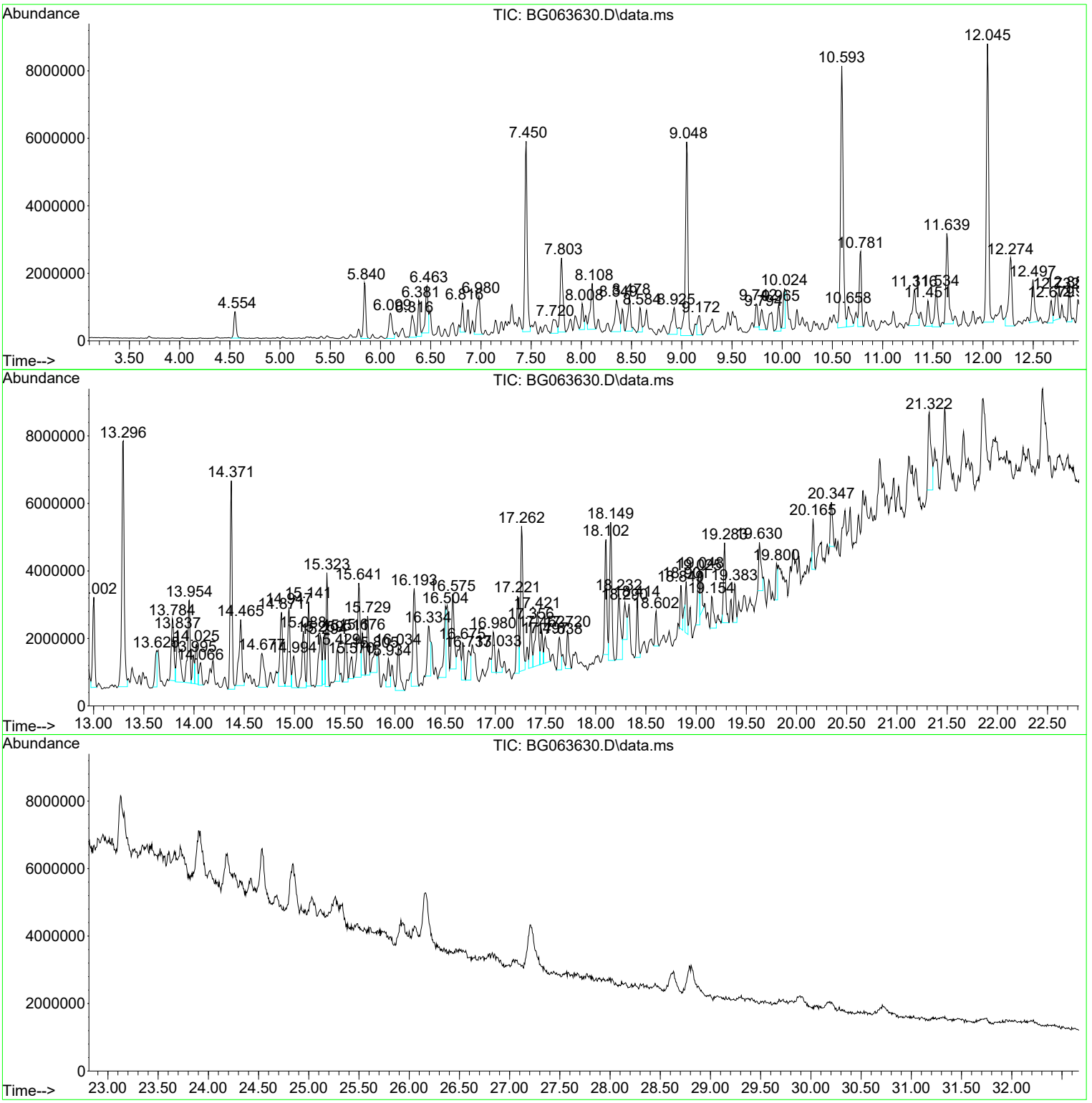
Sum of corrected areas: 299554622

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

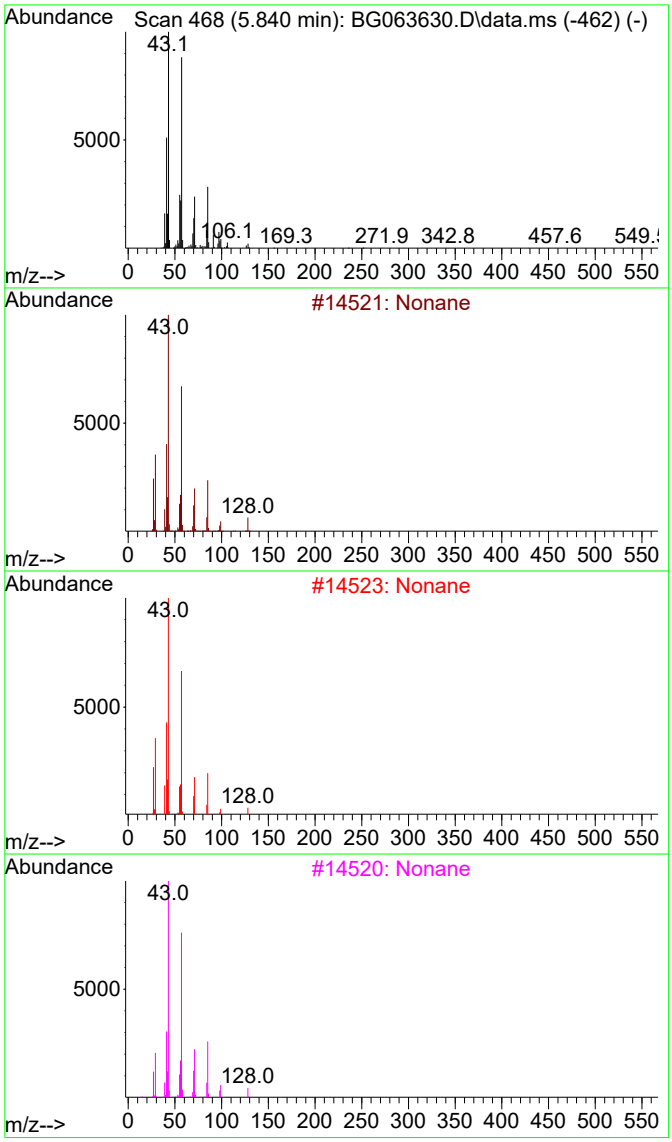
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

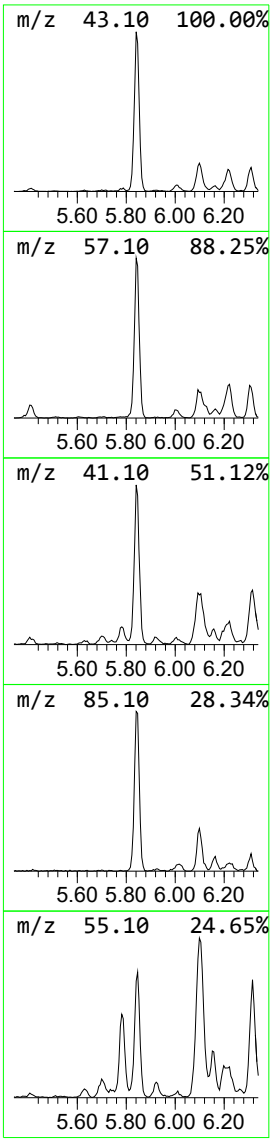
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.840 | 11.73 ng/ul | 2501110 | 1,4-Dichlorobenzene-d4 | 7.820 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 90 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 83 |
| 3 | Nonane | 128 | C9H20 | 000111-84-2 | 78 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 72 |
| 5 | 1-Octanol, 2-butyl- | 186 | C12H26O | 003913-02-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

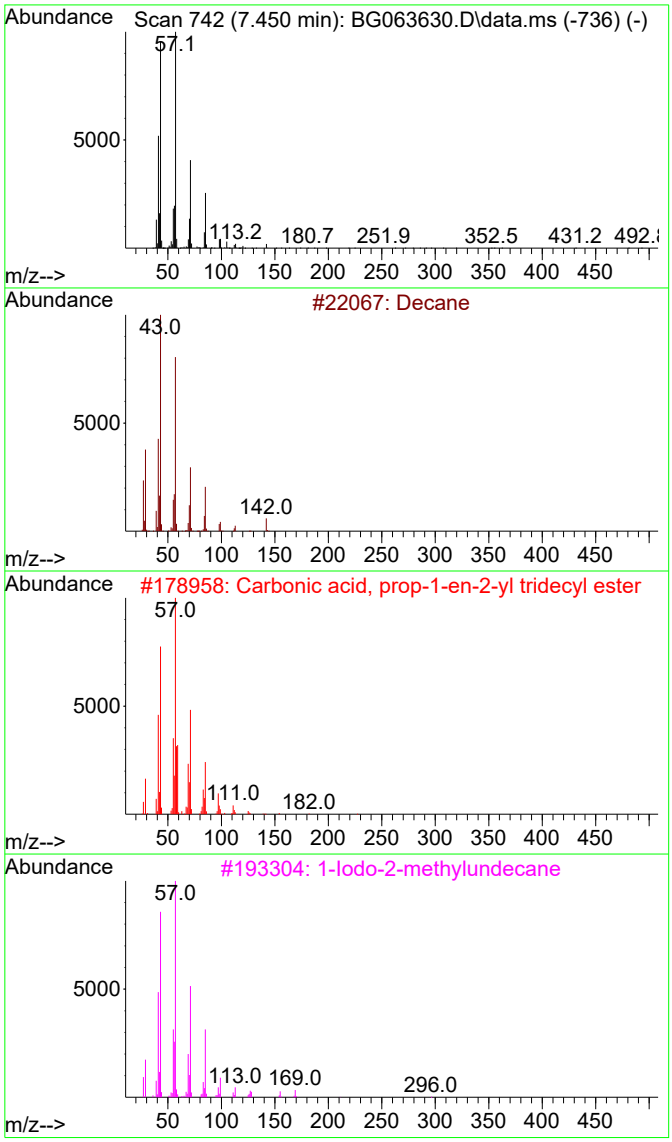
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

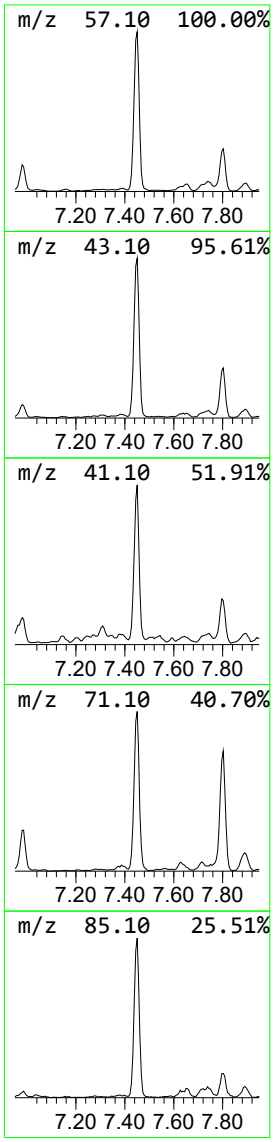
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.450 | 43.00 ng/ul | 9166070 | 1,4-Dichlorobenzene-d4 | 7.820 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 90 |
| 2 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 83 |
| 3 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 83 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 80 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

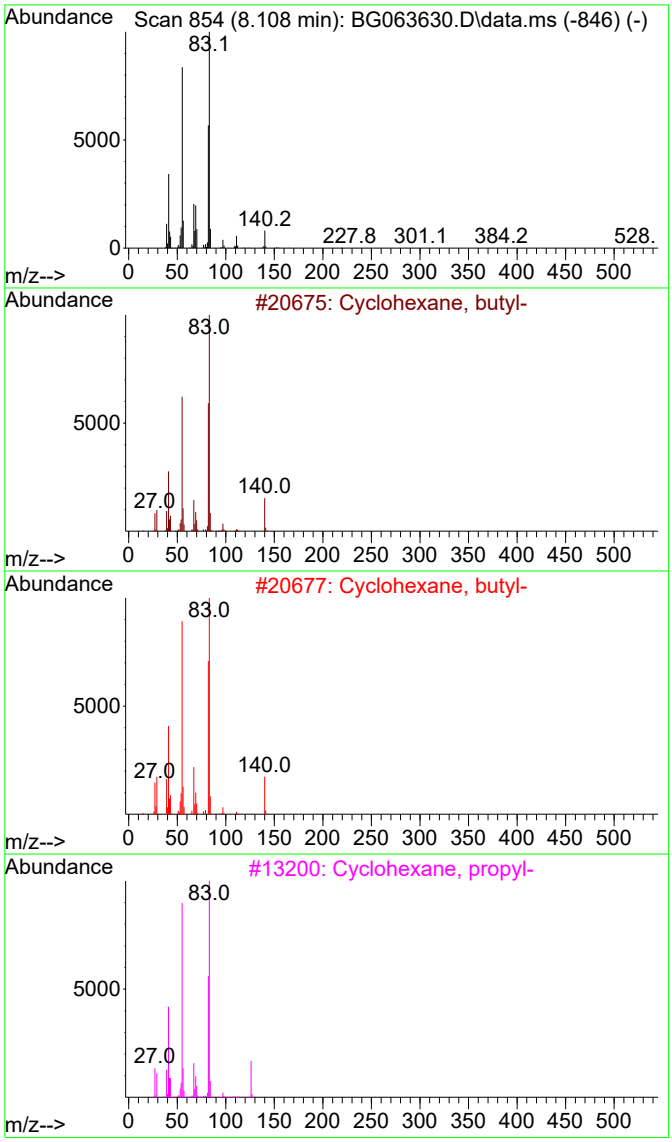
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

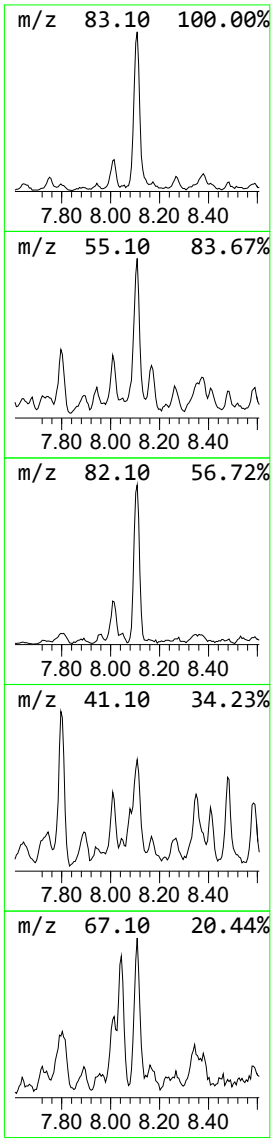
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Cyclic8.108 Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.108 | 13.40 ng/ul | 2855810 | 1,4-Dichlorobenzene-d4 | 7.820 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 91 |
| 2 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 91 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 83 |
| 4 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 83 |
| 5 | Cyclohexane, 2-propenyl- | 124 | C9H16 | 002114-42-3 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

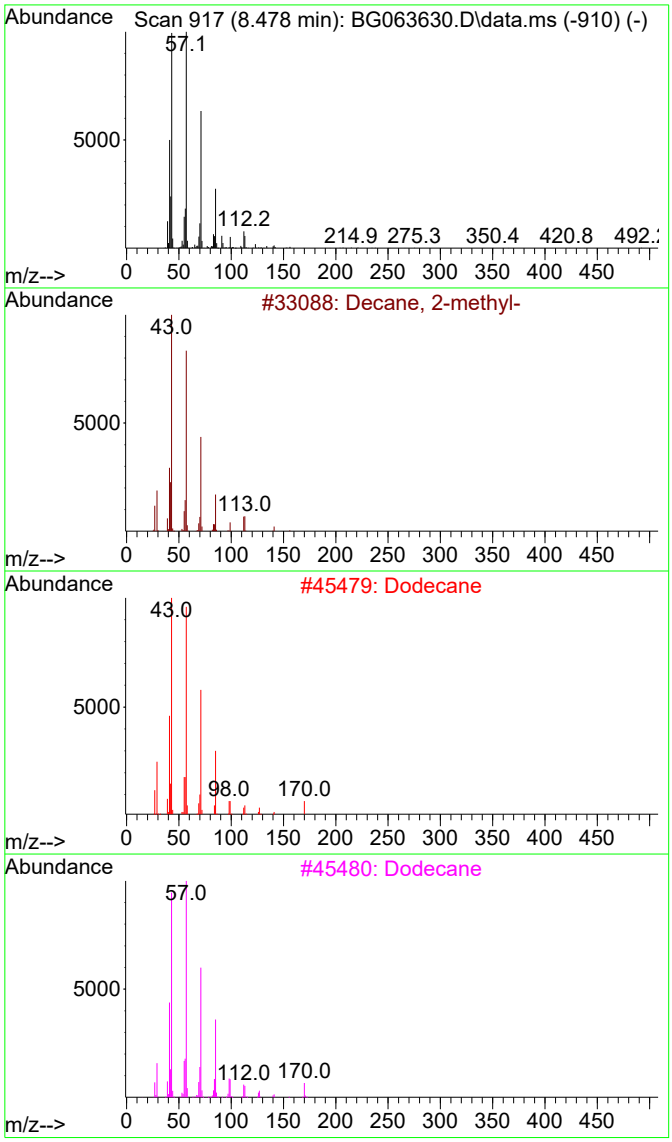
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

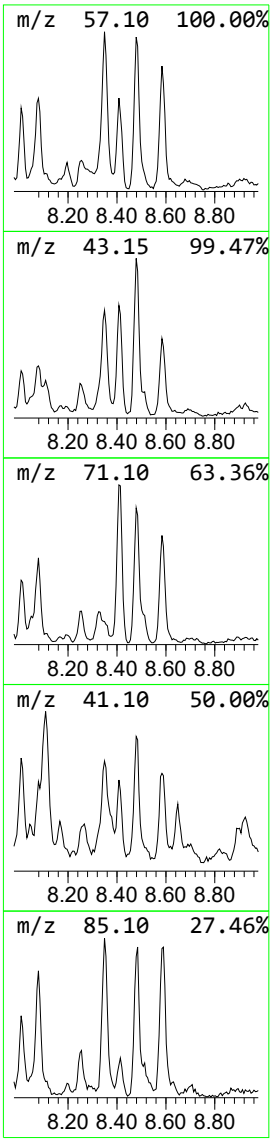
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.478 | 8.85 ng/ul | 1887460 | 1,4-Dichlorobenzene-d4 | 7.820 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 90 |
| 2 | Dodecane | 170 | C12H26 | 000112-40-3 | 78 |
| 3 | Dodecane | 170 | C12H26 | 000112-40-3 | 78 |
| 4 | Pentadecane, 7-methyl- | 226 | C16H34 | 006165-40-8 | 72 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

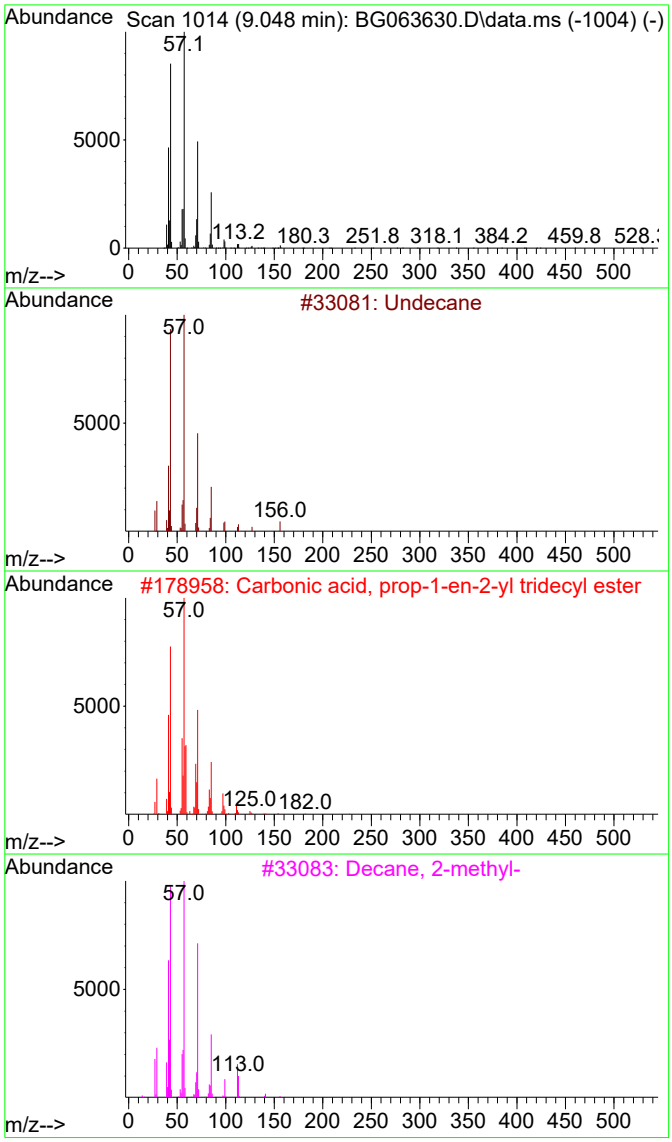
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

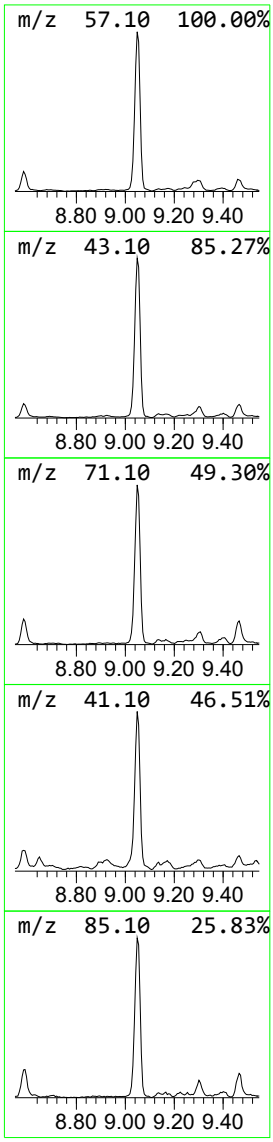
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.048 | 46.47 ng/ul | 9906610 | 1,4-Dichlorobenzene-d4 | 7.820 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 90 |
| 2 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 90 |
| 3 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 87 |
| 4 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 83 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

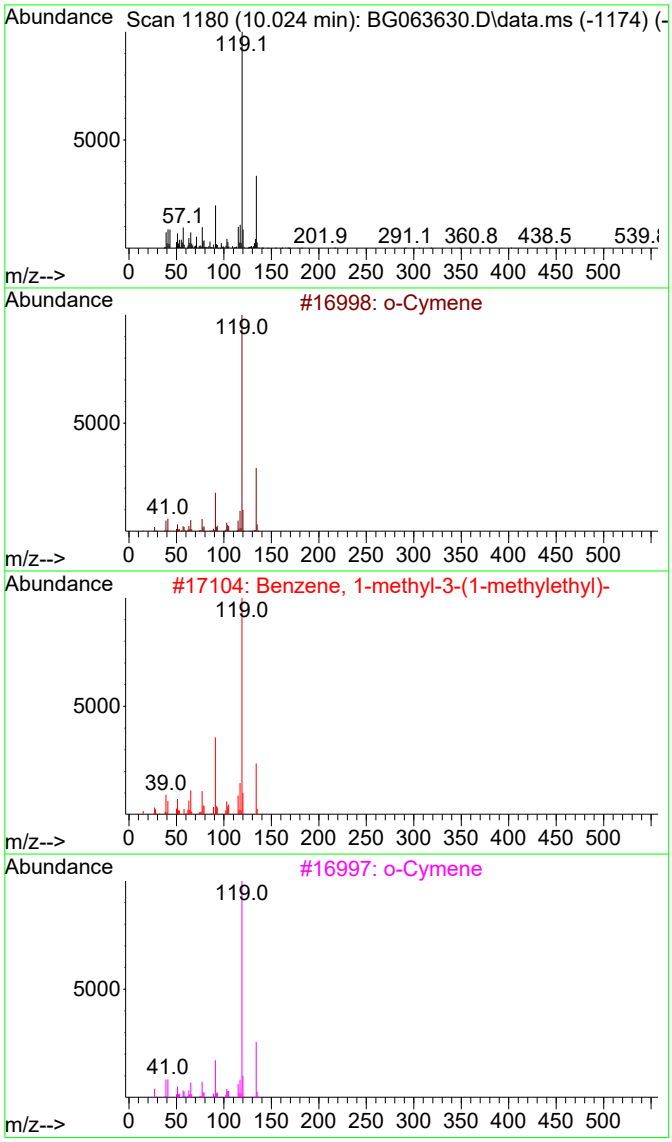
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

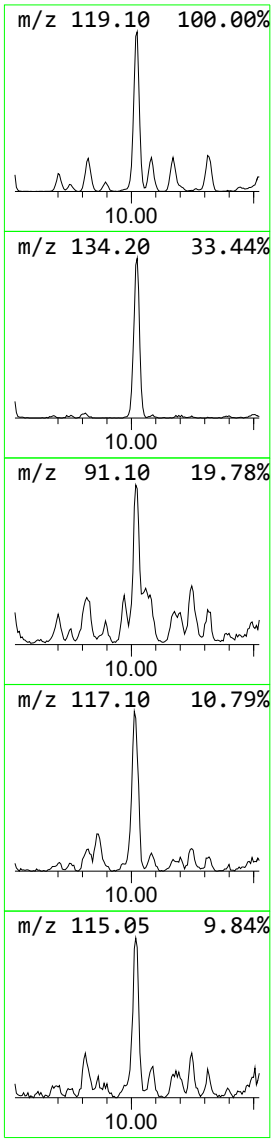
**********

Peak Number 17 o-Cymene Concentration Rank 79

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.024 | 2.42 ng/ul | 1687040 | Naphthalene-d8 | 10.611 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 5 | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14 | 076089-59-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

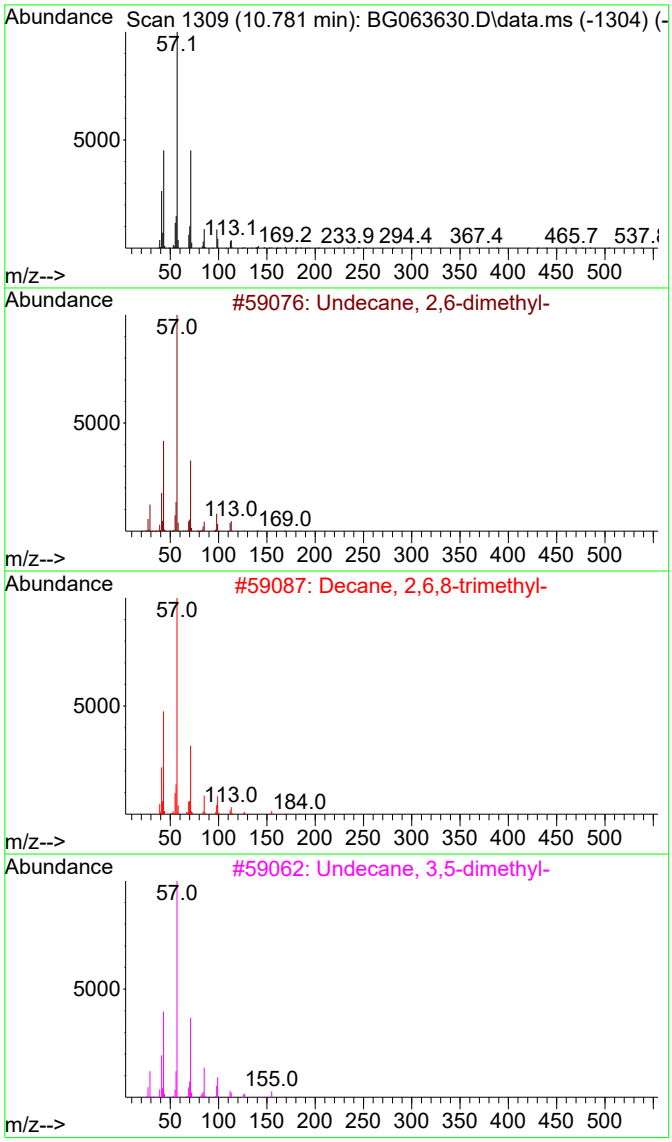
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

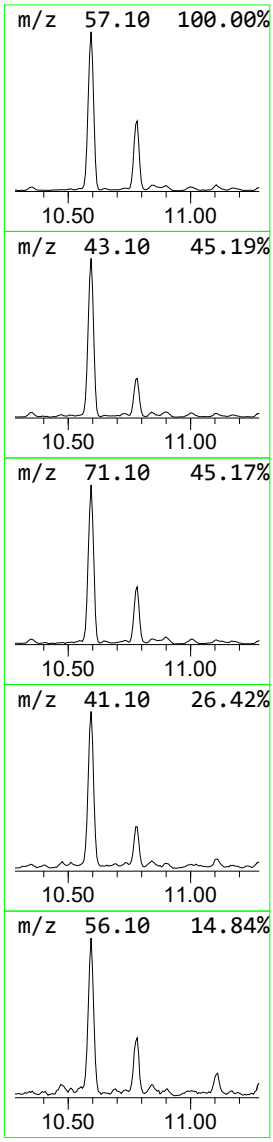
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 76

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.781 | 4.91 ng/ul | 3425440 | Naphthalene-d8 | 10.611 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 93 |
| 2 | Decane, 2,6,8-trimethyl- | 184 | C13H28 | 062108-26-3 | 87 |
| 3 | Undecane, 3,5-dimethyl- | 184 | C13H28 | 017312-81-1 | 83 |
| 4 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 83 |
| 5 | Decane, 2,5,9-trimethyl- | 184 | C13H28 | 062108-22-9 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

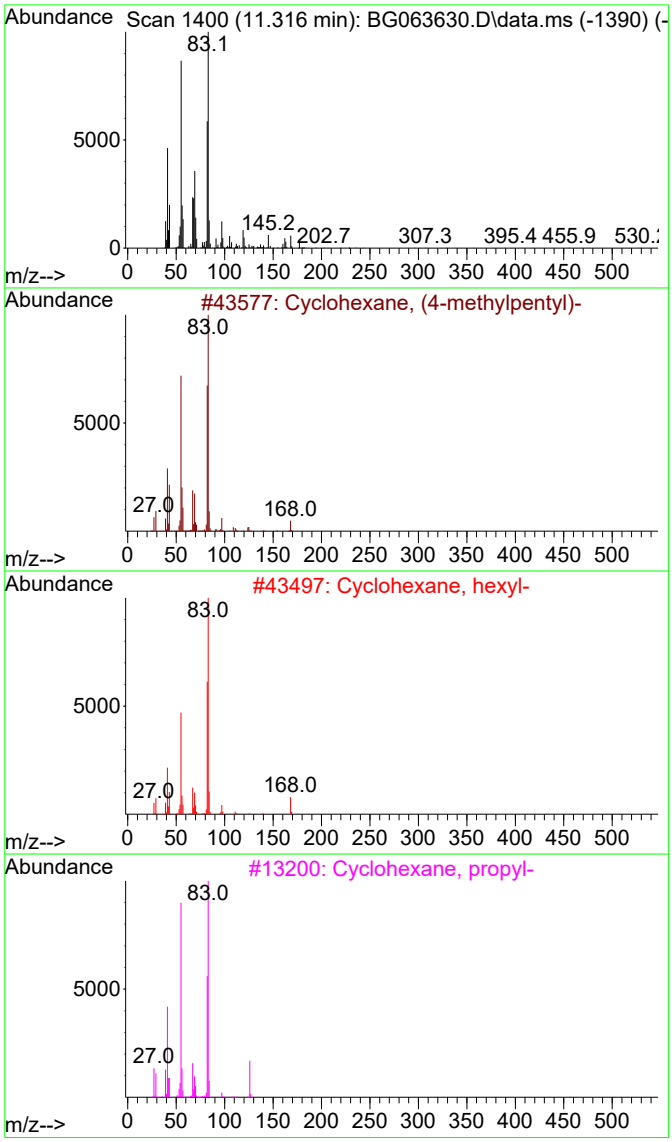
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

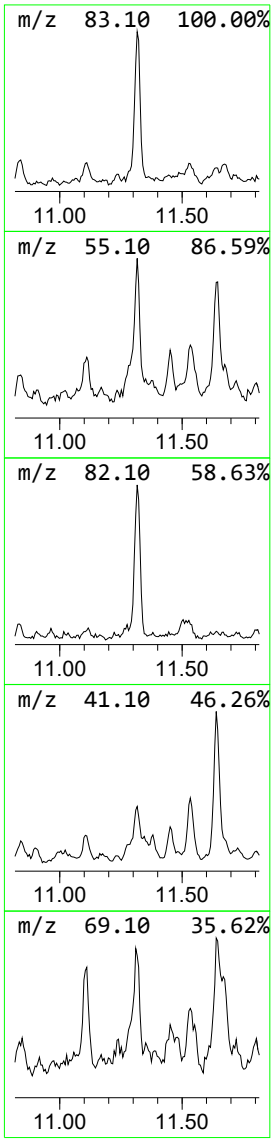
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 (DEL) Alkane: Cyclic11.316 Concentration Rank 77

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.316 | 4.22 ng/ul | 2942480 | Naphthalene-d8 | 10.611 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (4-methylpentyl)- | 168 | C12H24 | 061142-20-9 | 87 |
| 2 | Cyclohexane, hexyl- | 168 | C12H24 | 004292-75-5 | 64 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 64 |
| 4 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 64 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

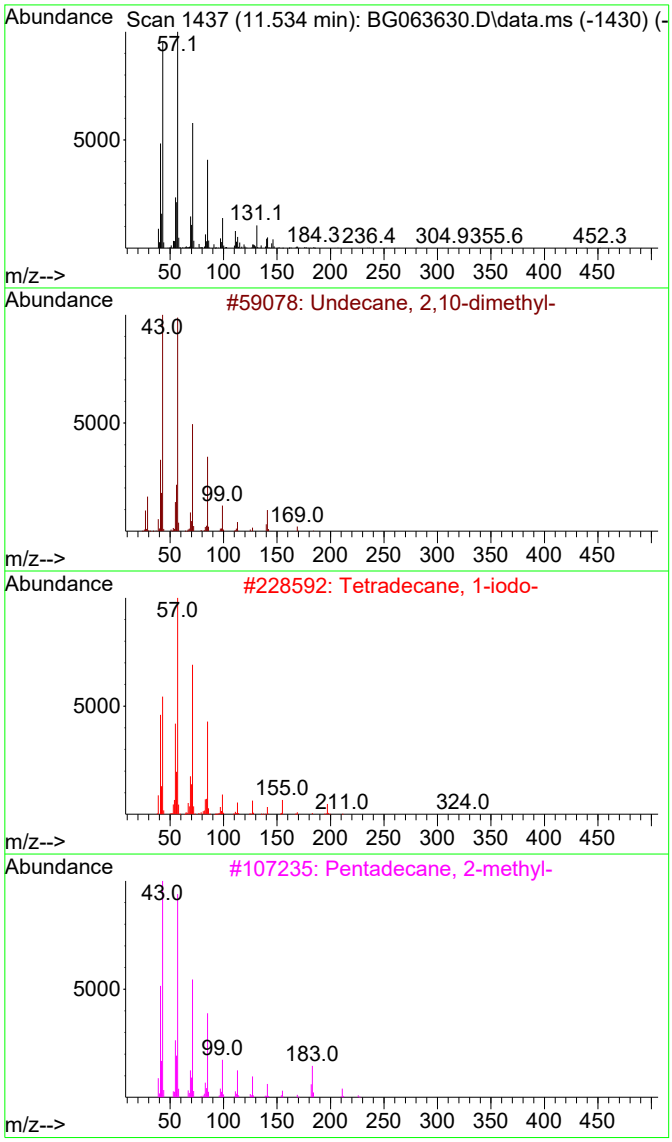
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

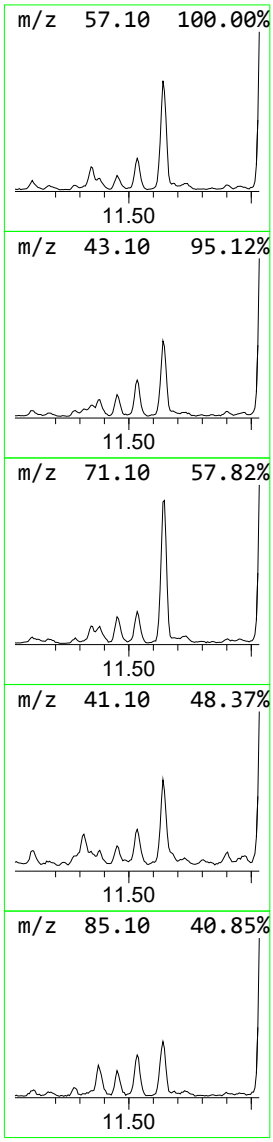
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 78

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.534 | 3.13 ng/ul | 2180490 | Naphthalene-d8 | 10.611 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2,10-dimethyl- | 184 | C13H28 | 017301-27-8 | 87 |
| 2 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 80 |
| 3 | Pentadecane, 2-methyl- | 226 | C16H34 | 001560-93-6 | 80 |
| 4 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 72 |
| 5 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

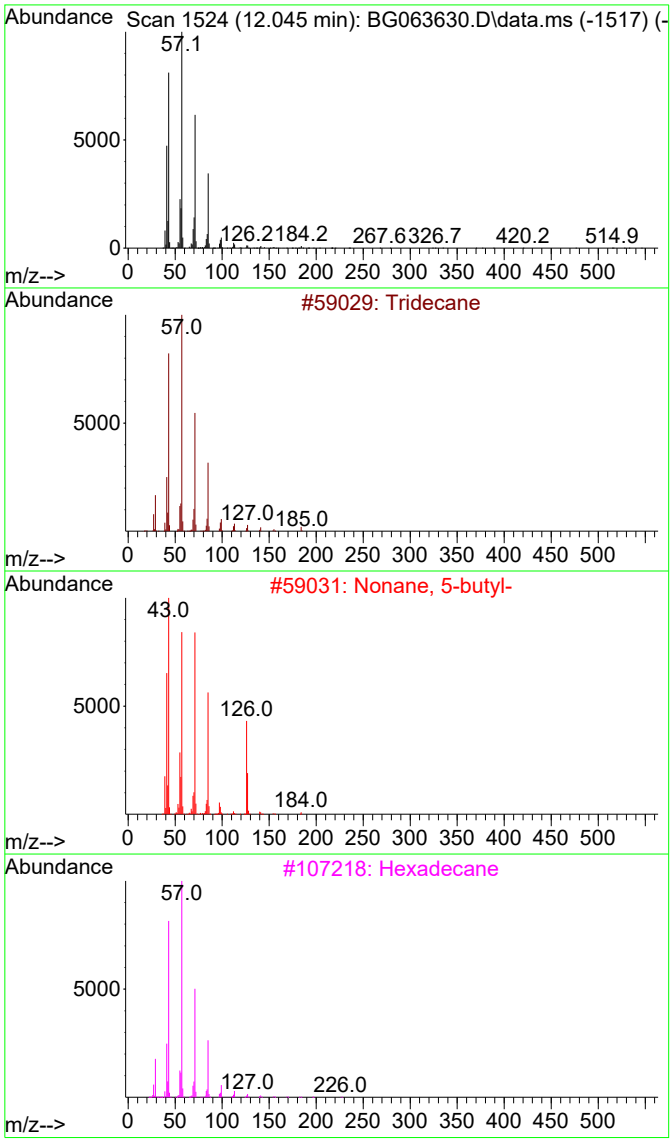
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

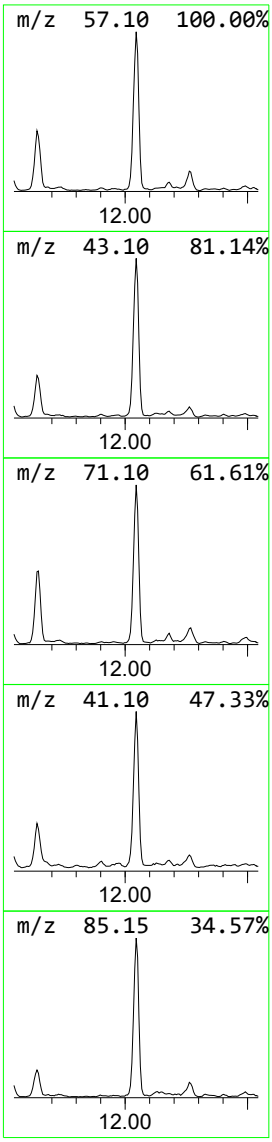
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.045 | 18.64 ng/ul | 12995200 | Naphthalene-d8 | 10.611 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 2 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 83 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 4 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 80 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

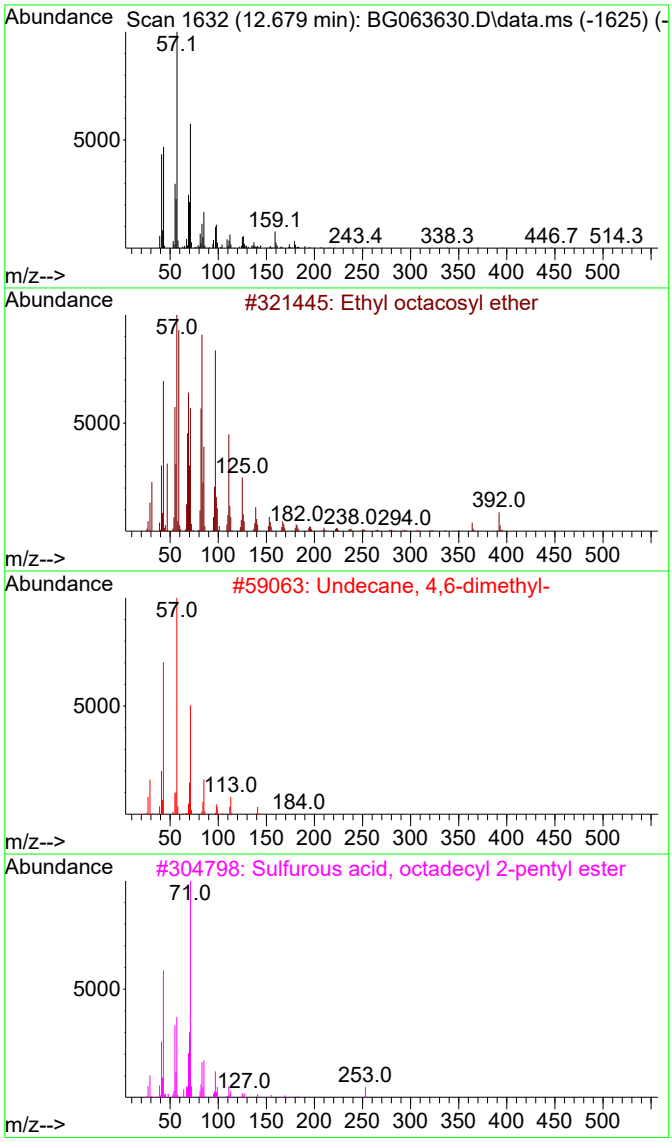
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

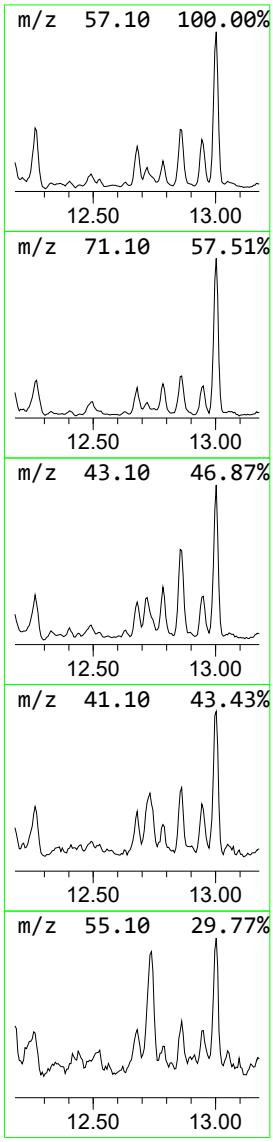
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Ethyl octacosyl ether Concentration Rank 70

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.679 | 5.77 ng/ul | 1154190 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl octacosyl ether | 438 | C30H62O | 1010406-37-0 | 86 |
| 2 | Undecane, 4,6-dimethyl- | 184 | C13H28 | 017312-82-2 | 49 |
| 3 | Sulfurous acid, octadecyl 2-pent... | 404 | C23H48O3S | 1000309-16-6 | 49 |
| 4 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 49 |
| 5 | Sulfurous acid, hexadecyl 2-pent... | 376 | C21H44O3S | 1000309-16-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

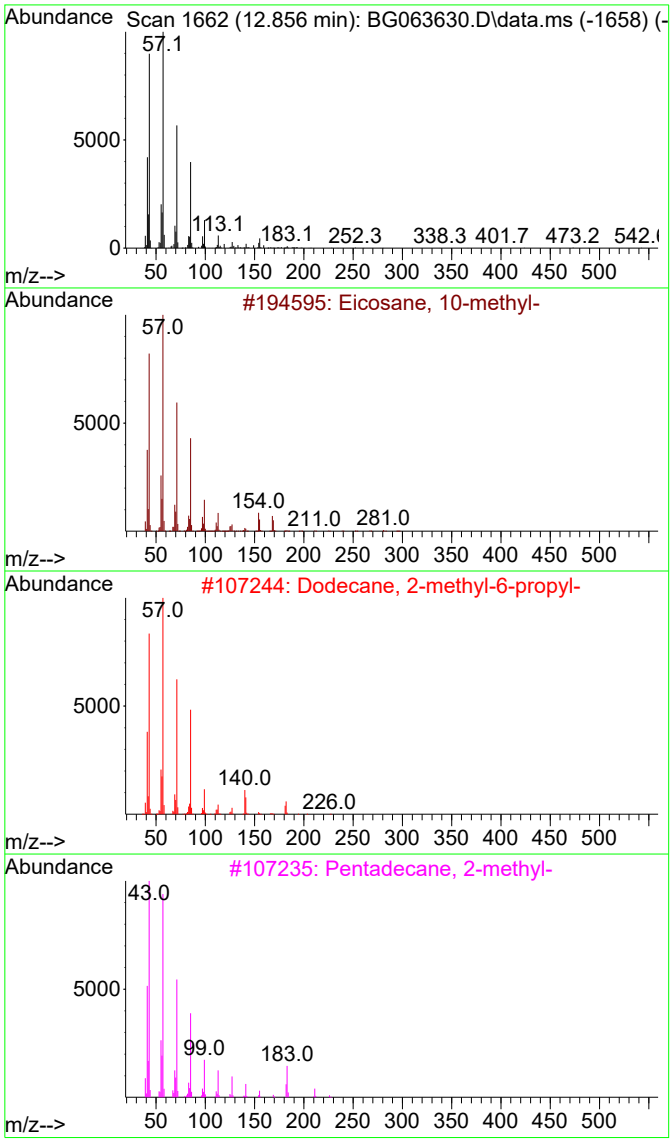
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

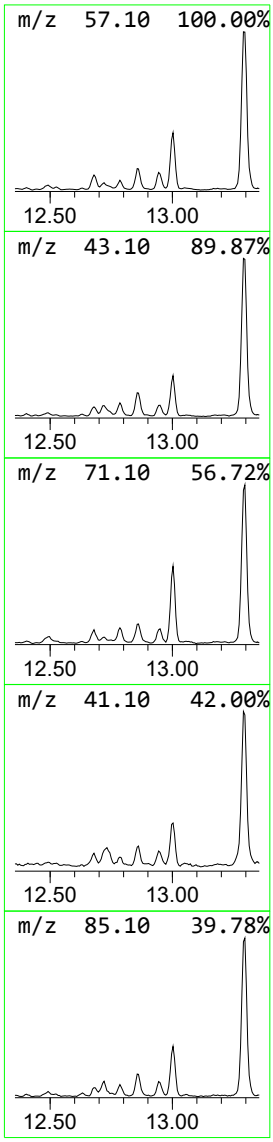
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 61

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.855 | 6.95 ng/ul | 1390390 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 90 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 3 | Pentadecane, 2-methyl- | 226 | C16H34 | 001560-93-6 | 86 |
| 4 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 86 |
| 5 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

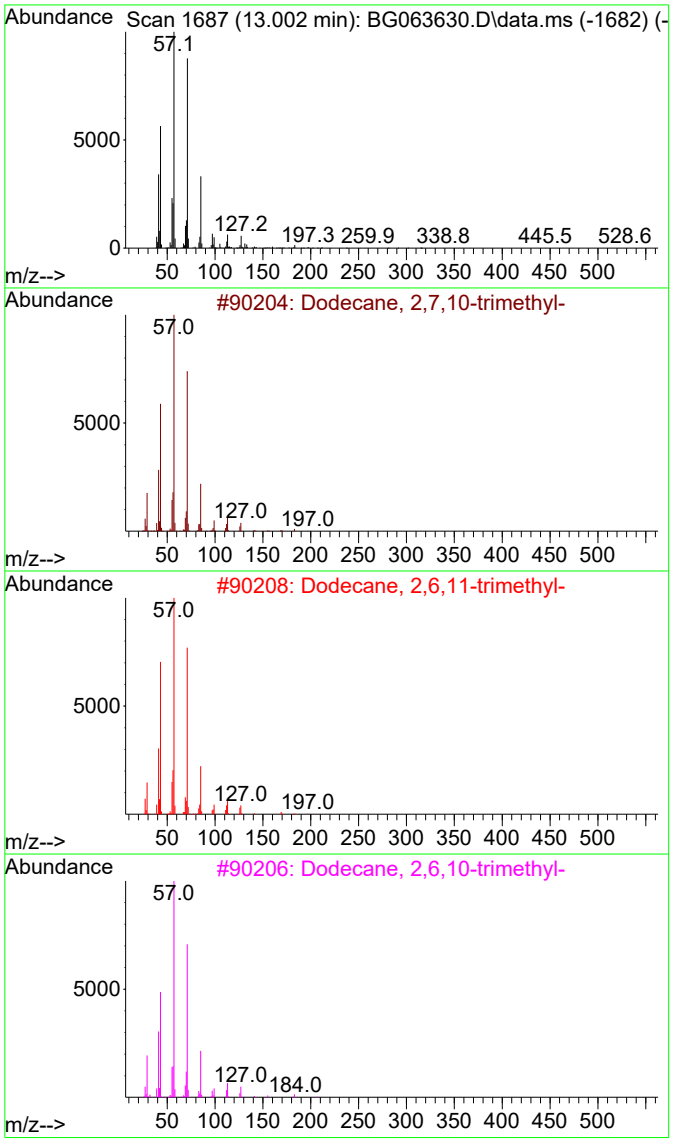
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

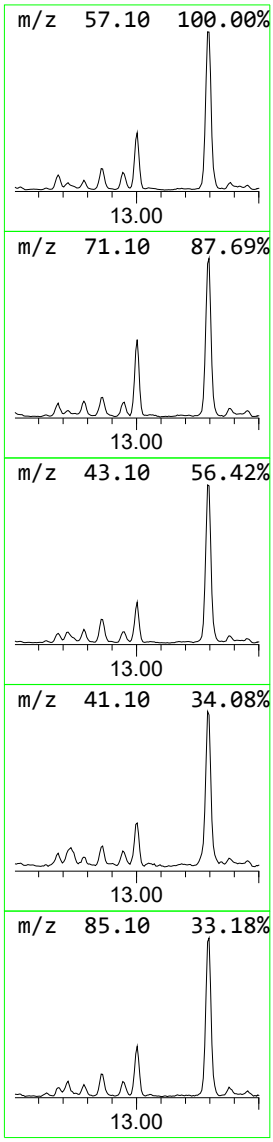
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.002 | 18.77 ng/ul | 3755010 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 90 |
| 2 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 83 |
| 3 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 78 |
| 4 | Nonane, 2-methyl-5-propyl- | 184 | C13H28 | 031081-17-1 | 78 |
| 5 | Hexane, 3,3-dimethyl- | 114 | C8H18 | 000563-16-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

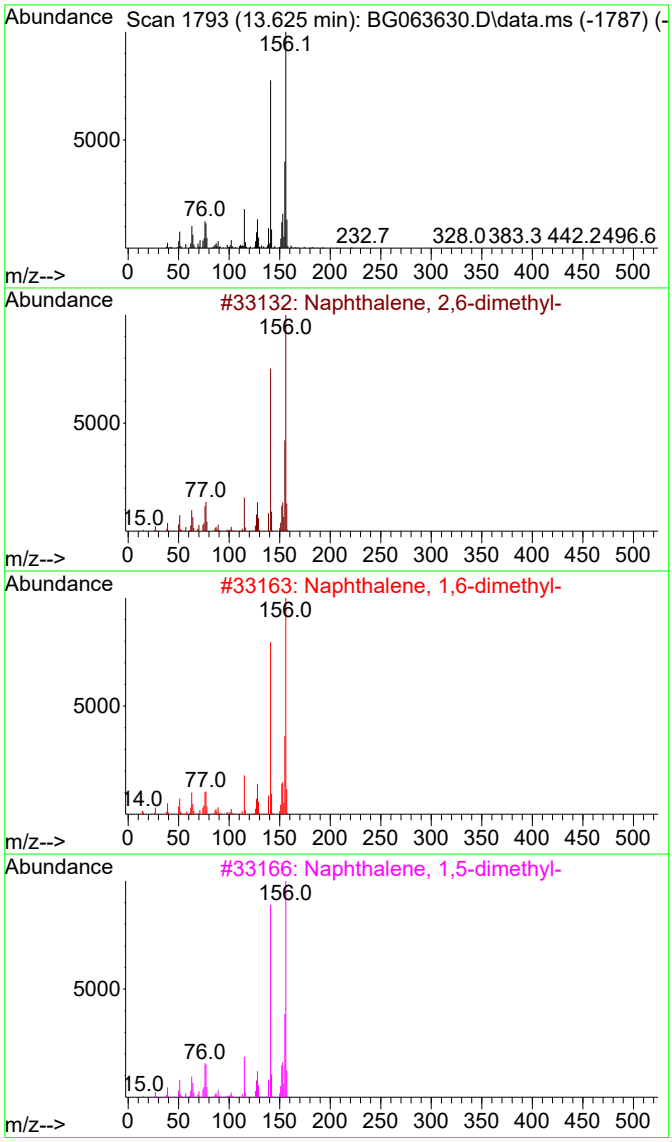
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

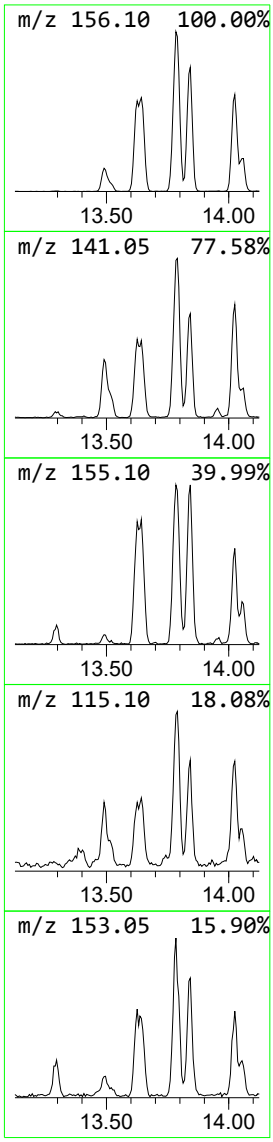
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Naphthalene, 2,6-dimethyl- Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.625 | 7.69 ng/ul | 1539390 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 98 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 98 |
| 3 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 98 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 98 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

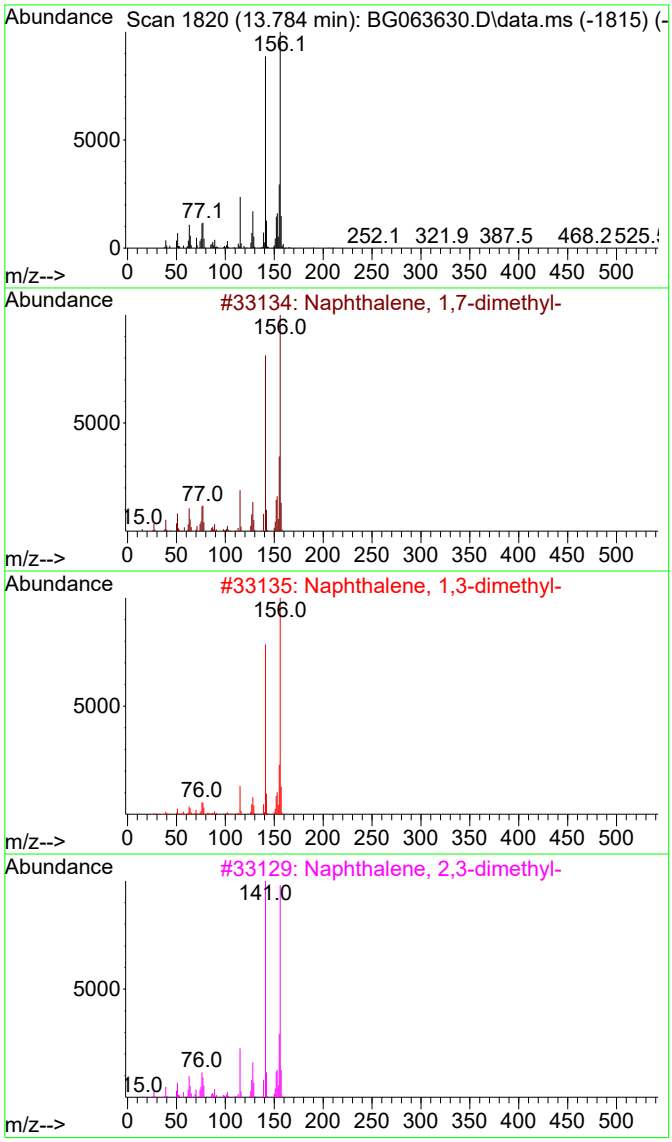
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

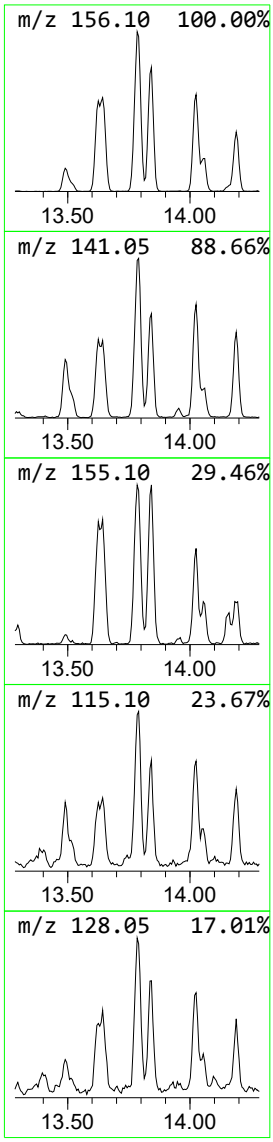
**********

Peak Number 29 Naphthalene, 1,7-dimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.784 | 16.89 ng/ul | 3378360 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 98 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

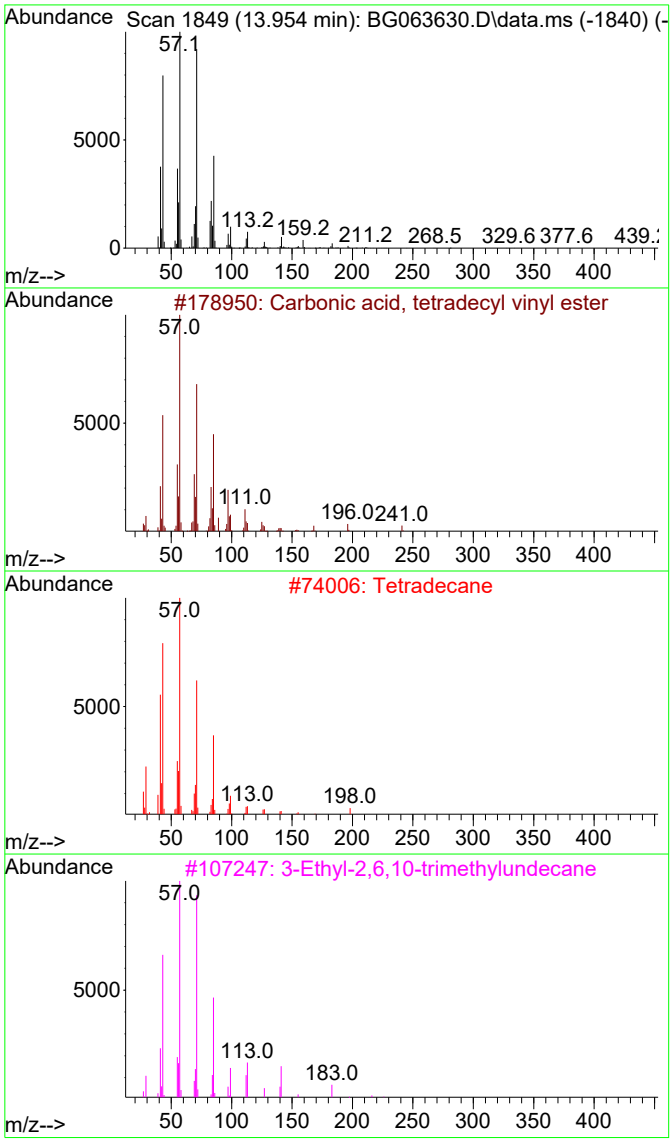
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

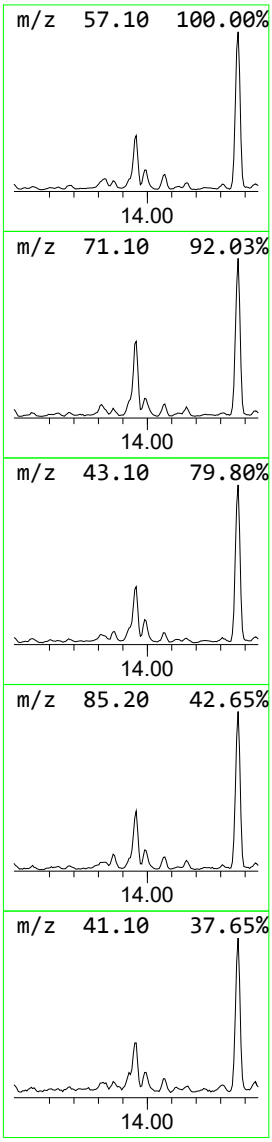
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Carbonic acid, tetradecyl v... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.954 | 20.52 ng/ul | 4104570 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, tetradecyl vinyl ... | 284 | C17H32O3 | 1000382-54-5 | 90 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |
| 3 | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34 | 1000432-25-9 | 64 |
| 4 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 64 |
| 5 | Decane, 5,6-dipropyl- | 226 | C16H34 | 119209-20-0 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

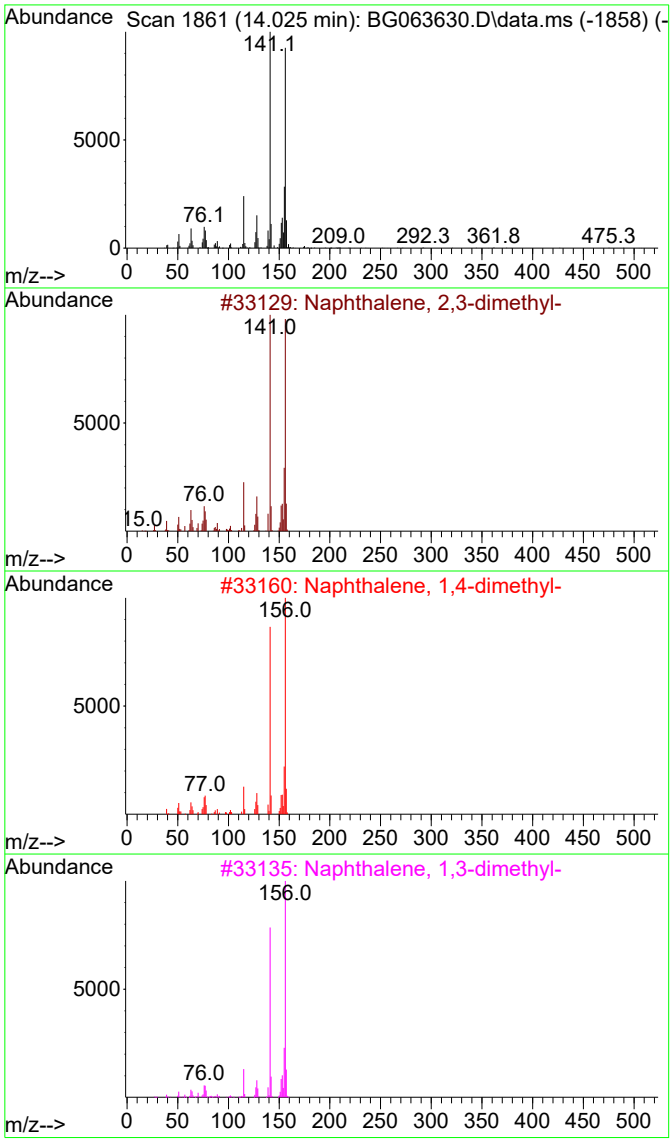
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

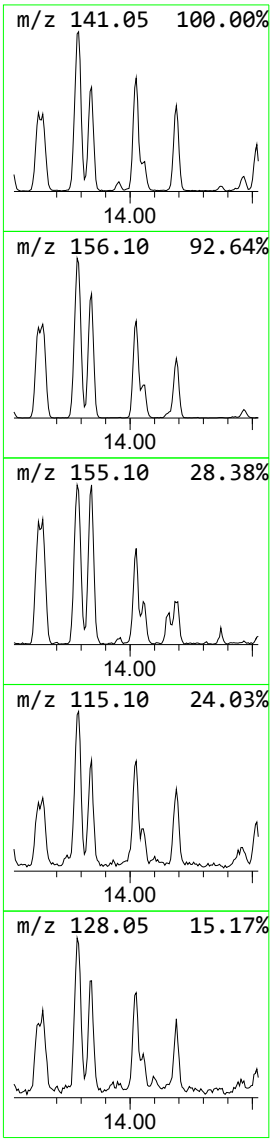
**********

Peak Number 32 Naphthalene, 2,3-dimethyl- Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.025 | 8.48 ng/ul | 1697510 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 2 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |
| 5 | Naphthalene, 1,8-dimethyl- | 156 | C12H12 | 000569-41-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

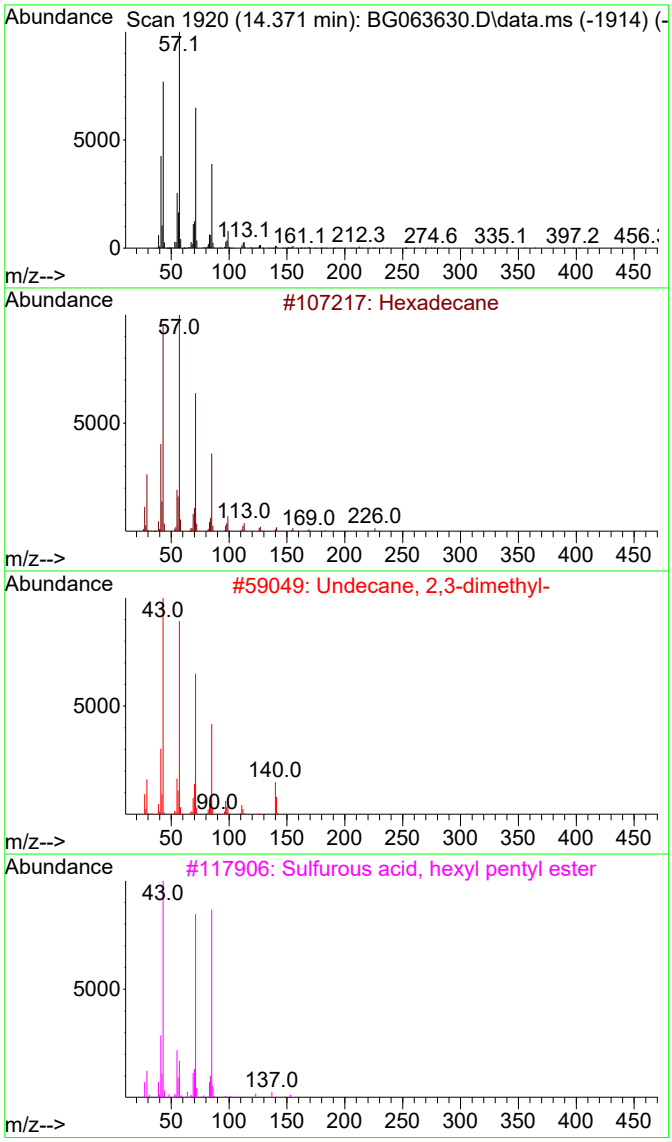
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

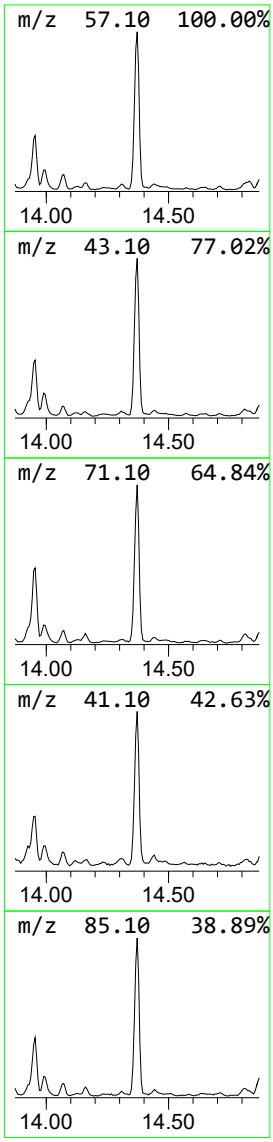
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.371 | 41.82 ng/ul | 8366780 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 2 | Undecane, 2,3-dimethyl- | 184 | C13H28 | 017312-77-5 | 78 |
| 3 | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 72 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

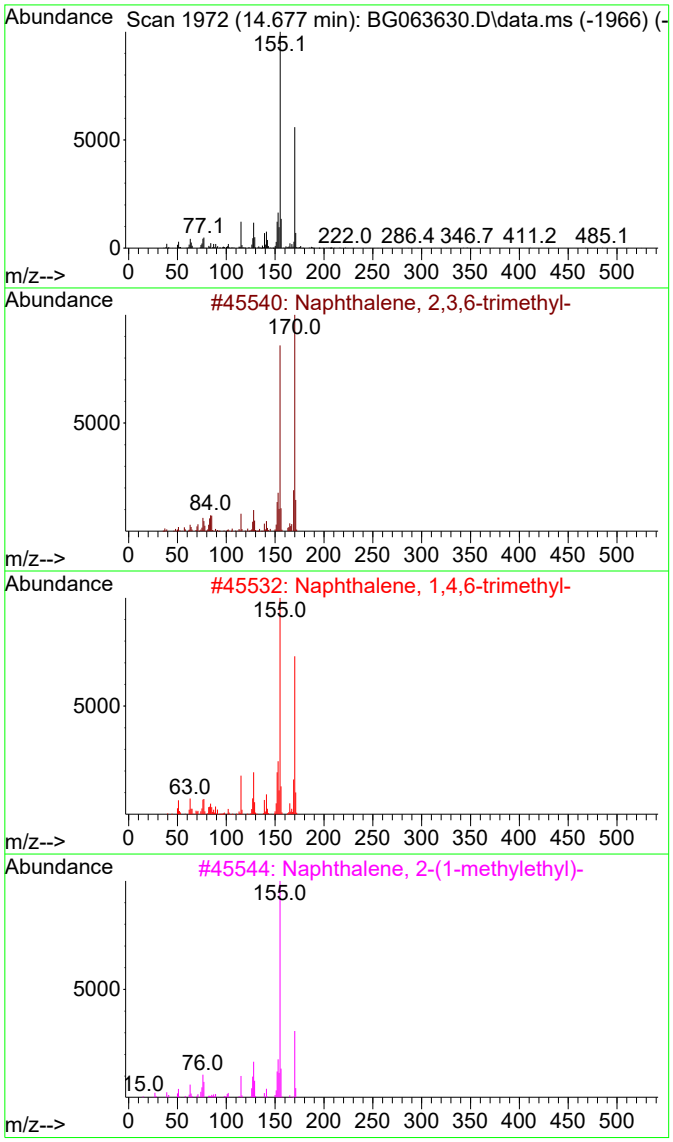
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

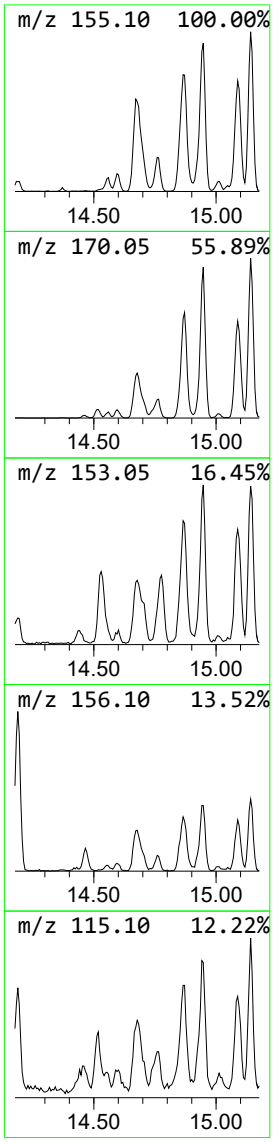
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.677 | 12.78 ng/ul | 2557240 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 93 |
| 3 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 91 |
| 4 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 91 |
| 5 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

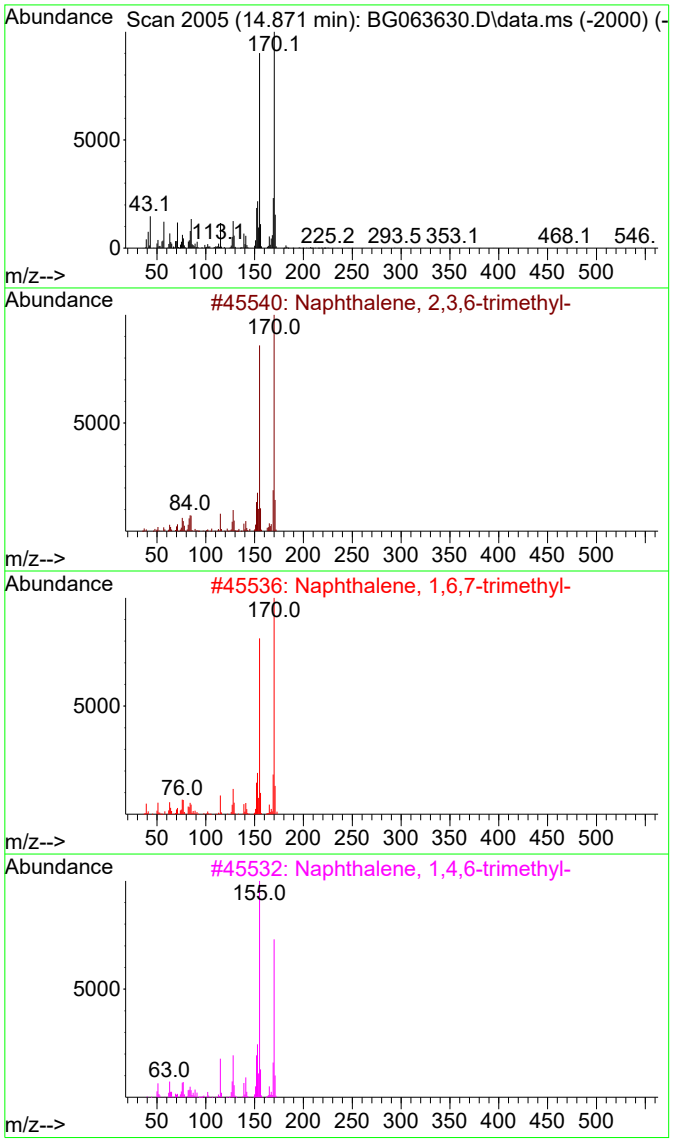
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

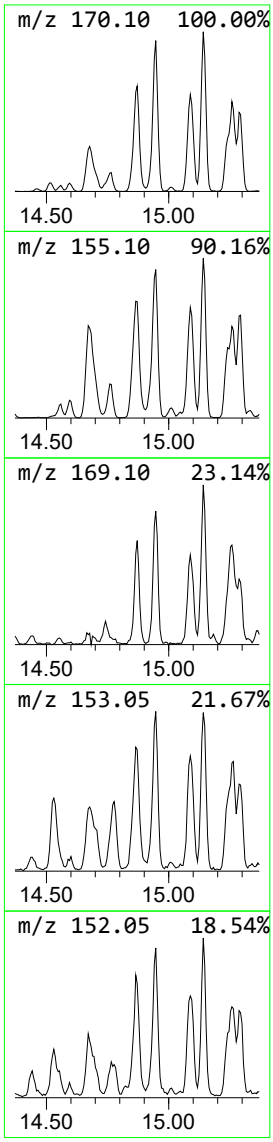
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.871 | 18.87 ng/ul | 3775020 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

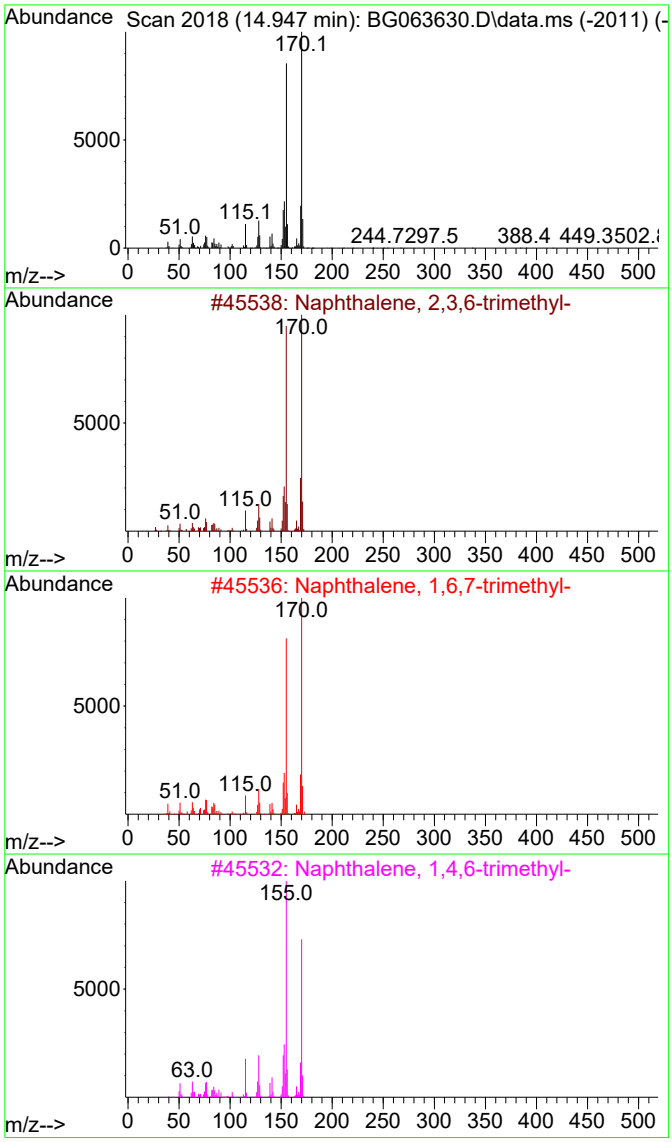
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

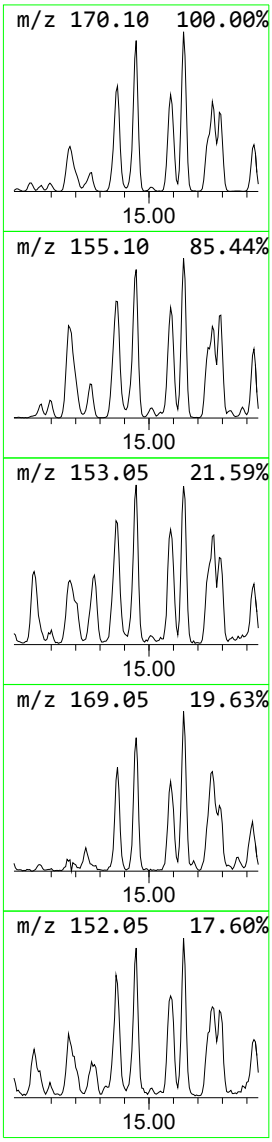
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.947 | 20.50 ng/ul | 4100870 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 98 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 95 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

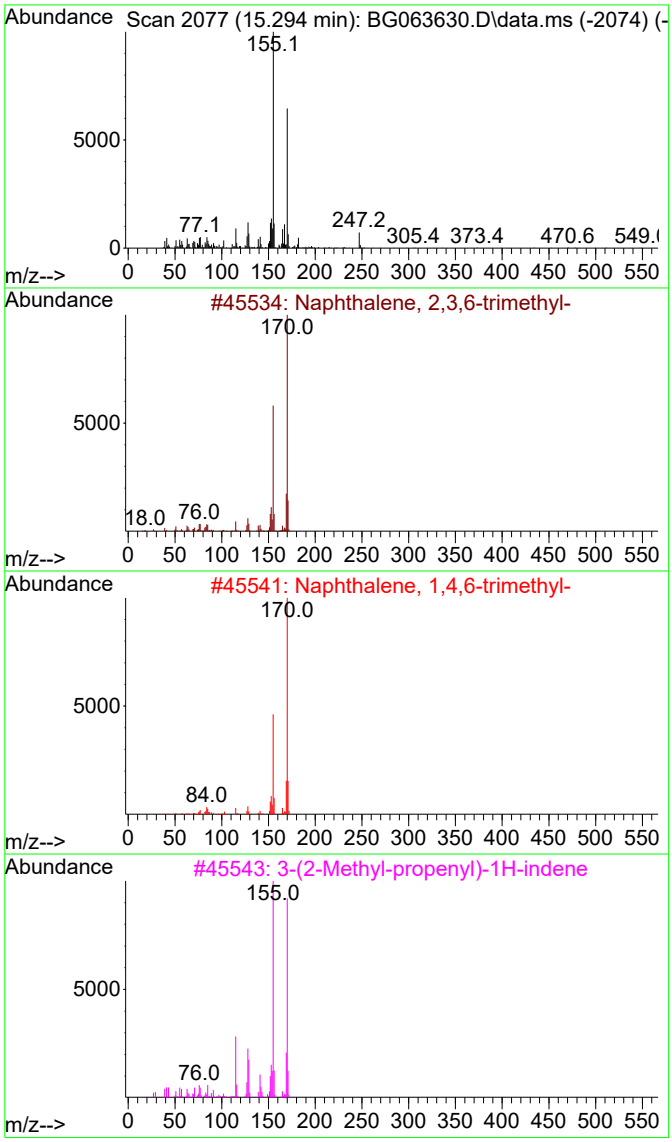
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

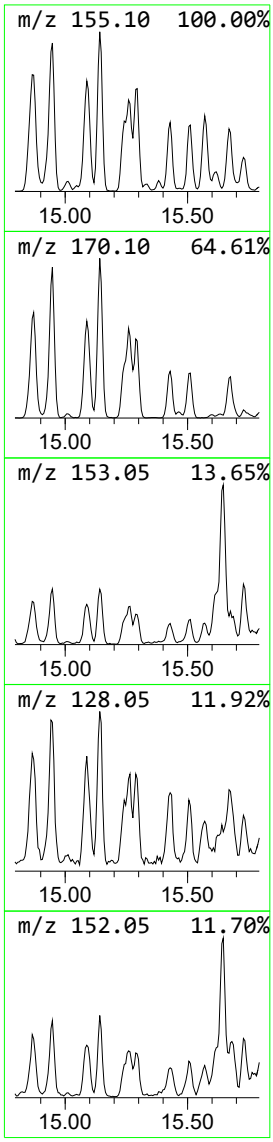
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.294 | 9.73 ng/ul | 1947420 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 90 |
| 3 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 87 |
| 4 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 81 |
| 5 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

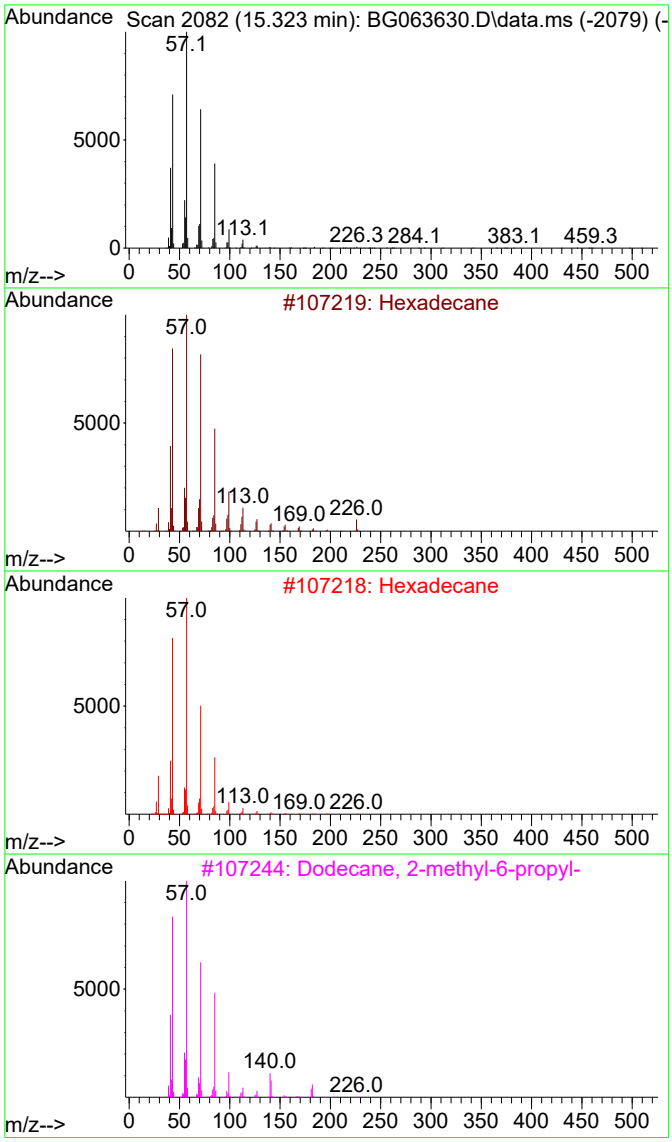
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

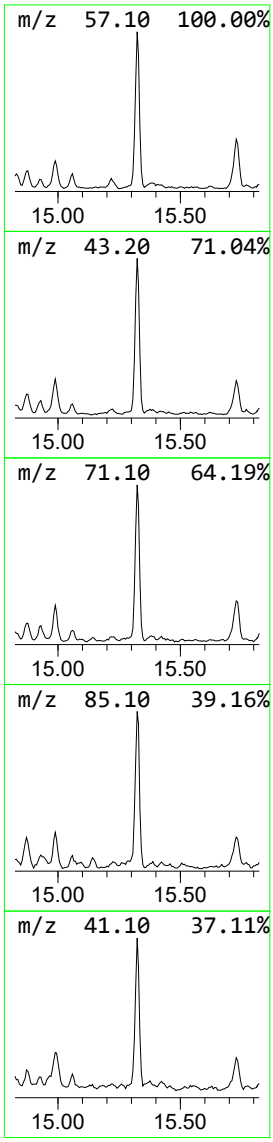
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.323 | 20.14 ng/ul | 4030300 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 4 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 78 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

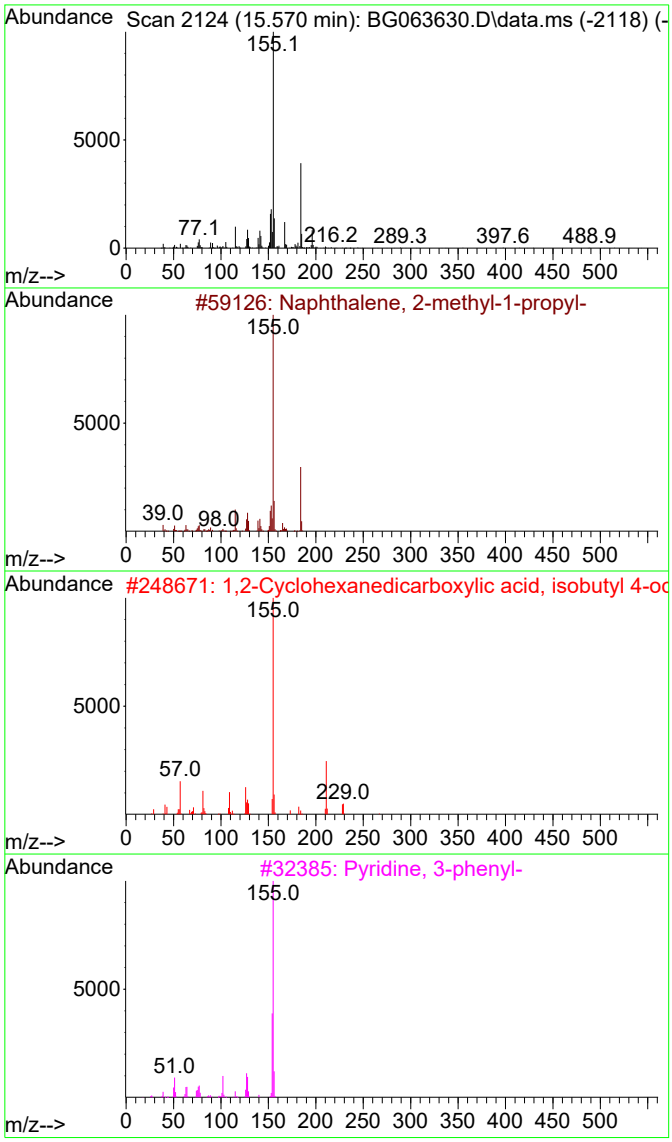
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

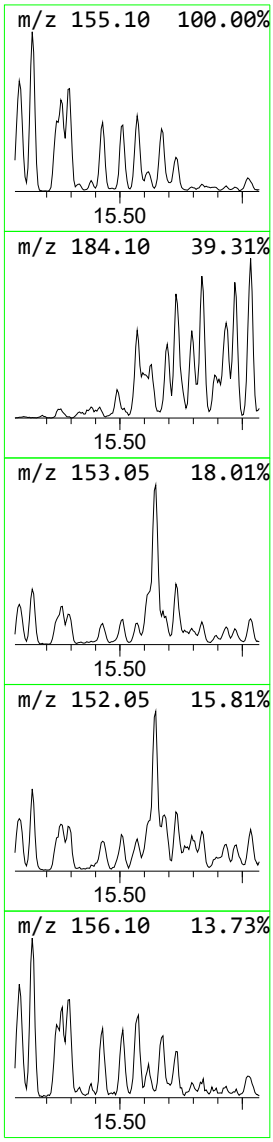
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 Naphthalene, 2-methyl-1-pro... Concentration Rank 75

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.570 | 5.42 ng/ul | 1084080 | Acenaphthene-d10 | 14.465 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl-1-propyl- | 184 | C14H16 | 054774-89-9 | 93 |
| 2 | 1,2-Cyclohexanedicarboxylic acid... | 340 | C20H36O4 | 1000339-51-7 | 43 |
| 3 | Pyridine, 3-phenyl- | 155 | C11H9N | 001008-88-4 | 38 |
| 4 | 2-Chloro-4-methyl-5-nitropyridine | 172 | C6H5ClN2O2 | 023056-33-9 | 38 |
| 5 | Benzaldehyde, 4-chloro-, oxime, ... | 155 | C7H6ClNO | 003717-24-6 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

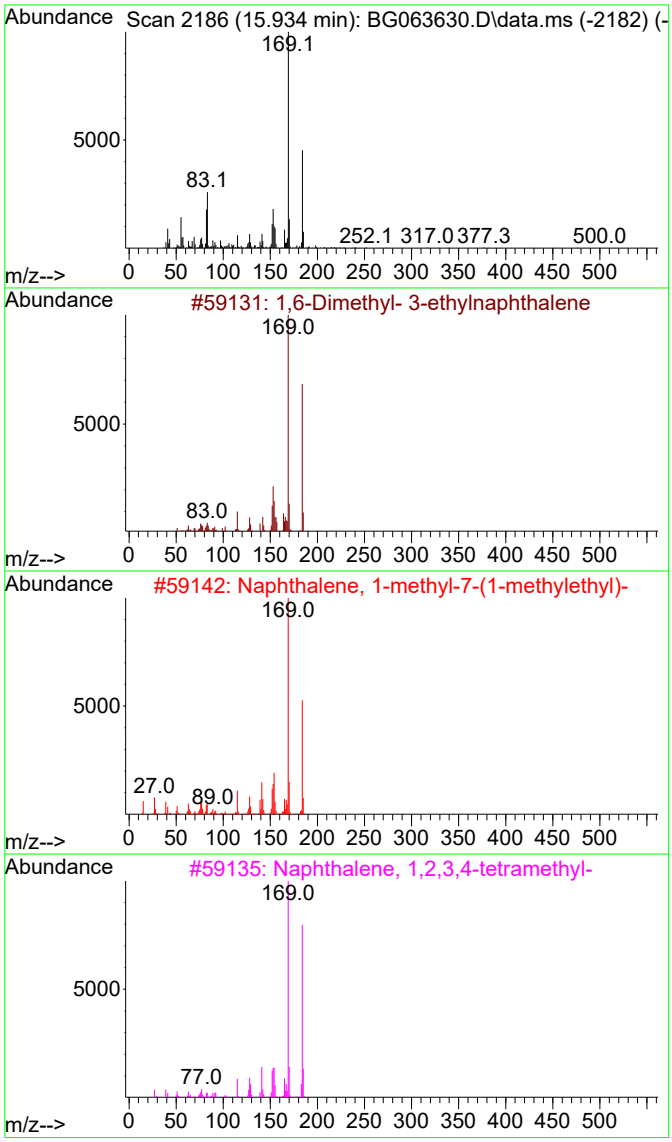
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

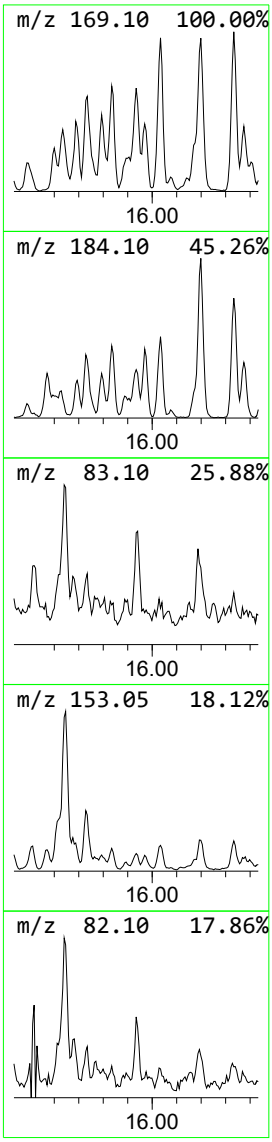
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 1,6-Dimethyl- 3-ethylnaphth... Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.934 | 8.34 ng/ul | 1437550 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,6-Dimethyl- 3-ethylnaphthalene | 184 | C14H16 | 1000383-71-8 | 91 |
| 2 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 90 |
| 3 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 87 |
| 4 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 81 |
| 5 | 2-Isopropyl-3-methylnaphthalene | 184 | C14H16 | 1000383-71-2 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

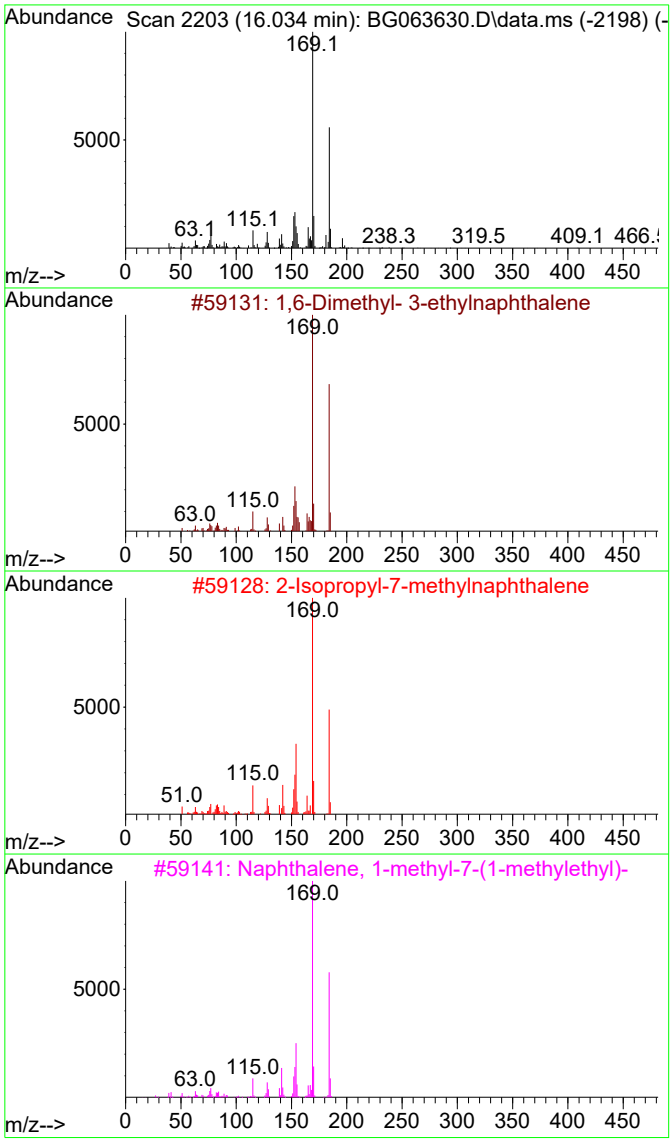
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

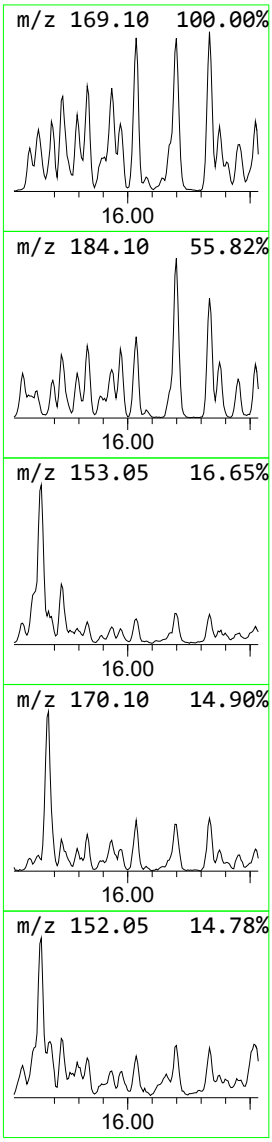
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 2-Isopropyl-7-methylnaphtha... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.034 | 15.00 ng/ul | 2584660 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,6-Dimethyl- 3-ethylnaphthalene | 184 | C14H16 | 1000383-71-8 | 94 |
| 2 | 2-Isopropyl-7-methylnaphthalene | 184 | C14H16 | 1000383-71-3 | 91 |
| 3 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 90 |
| 4 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 90 |
| 5 | 2-Isopropyl-3-methylnaphthalene | 184 | C14H16 | 1000383-71-2 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

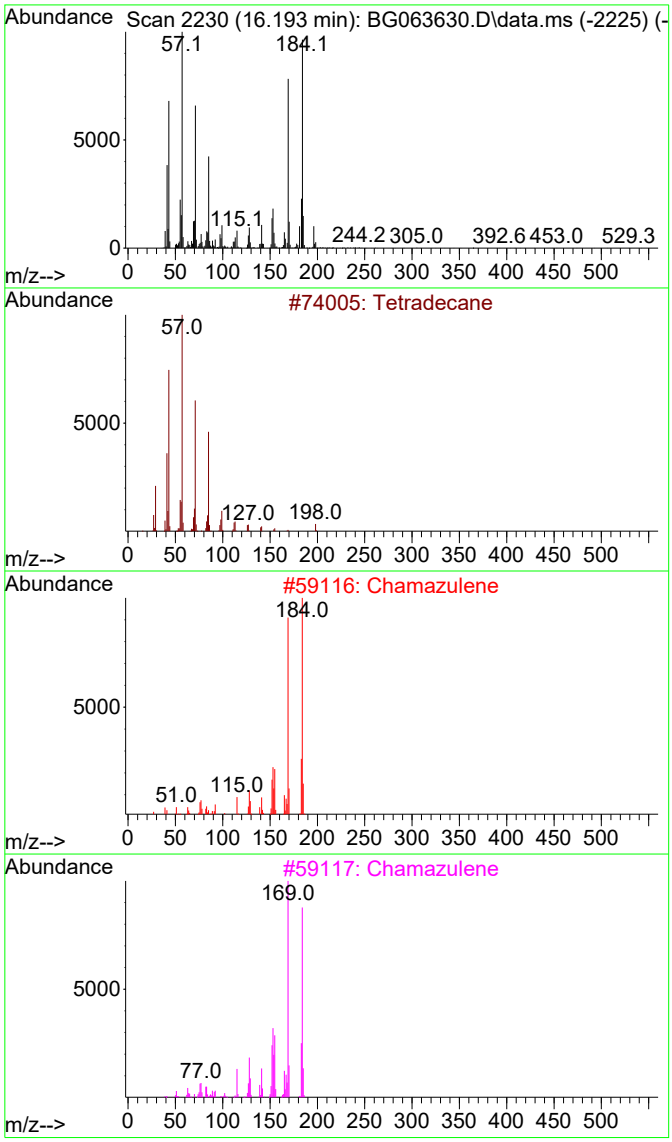
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

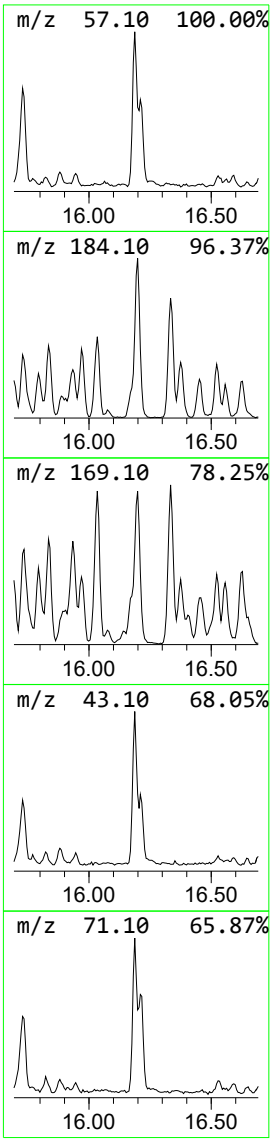
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.193 | 35.06 ng/ul | 6040490 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 2 | Chamazulene | 184 | C14H16 | 000529-05-5 | 83 |
| 3 | Chamazulene | 184 | C14H16 | 000529-05-5 | 83 |
| 4 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 60 |
| 5 | 1,1'-Biphenyl, 4-methoxy- | 184 | C13H12O | 000613-37-6 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

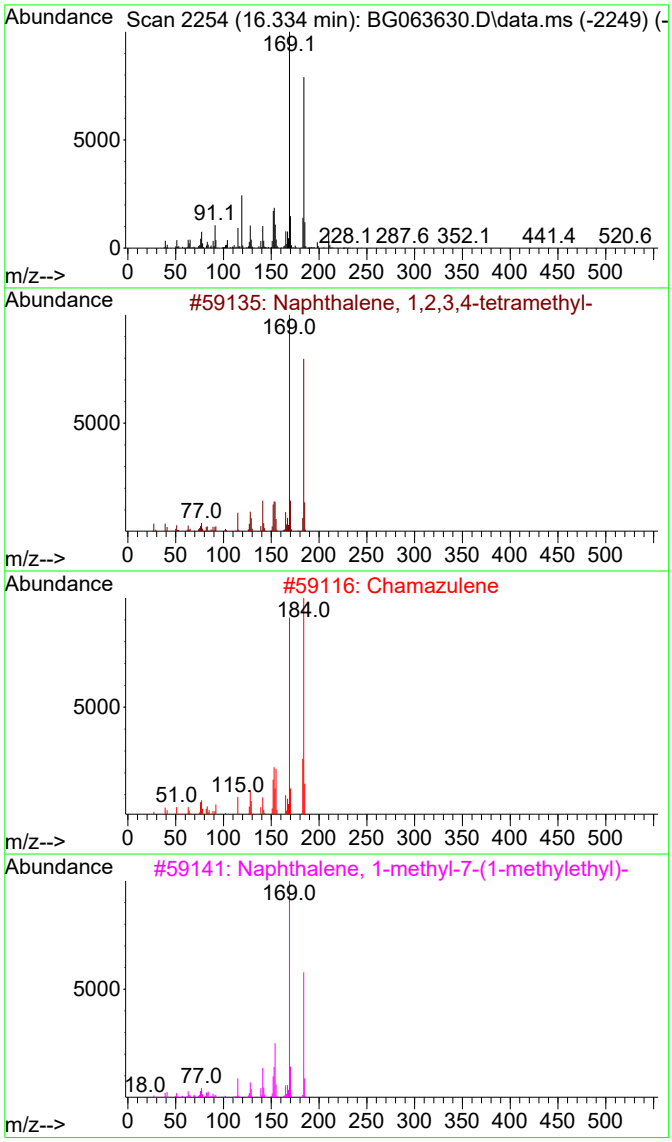
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

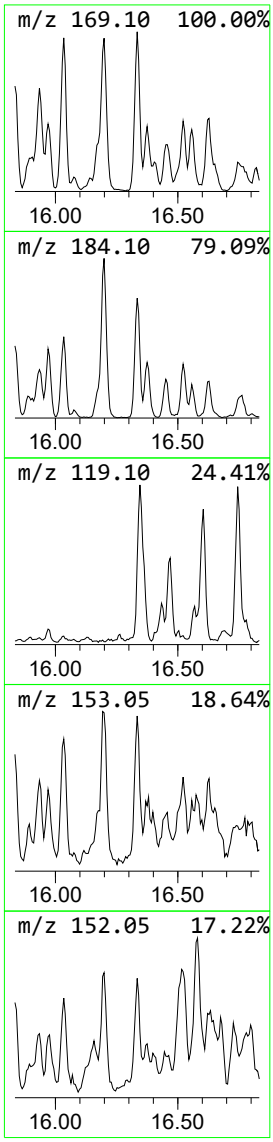
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 Naphthalene, 1,2,3,4-tetram... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.334 | 17.66 ng/ul | 3042920 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 95 |
| 2 | Chamazulene | 184 | C14H16 | 000529-05-5 | 93 |
| 3 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 90 |
| 4 | 1,6-Dimethyl-4-ethylnaphthalene ... | 184 | C14H16 | 1000383-71-7 | 90 |
| 5 | 3-Isopropyl- 1-methylnaphthalene | 184 | C14H16 | 1000383-71-4 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

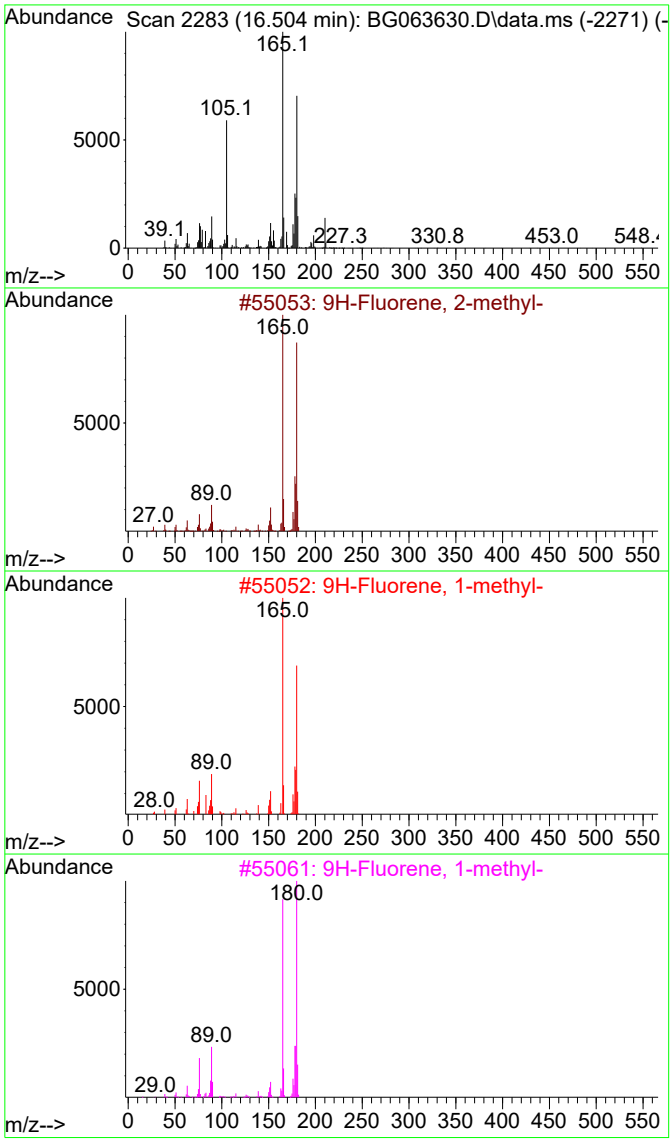
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

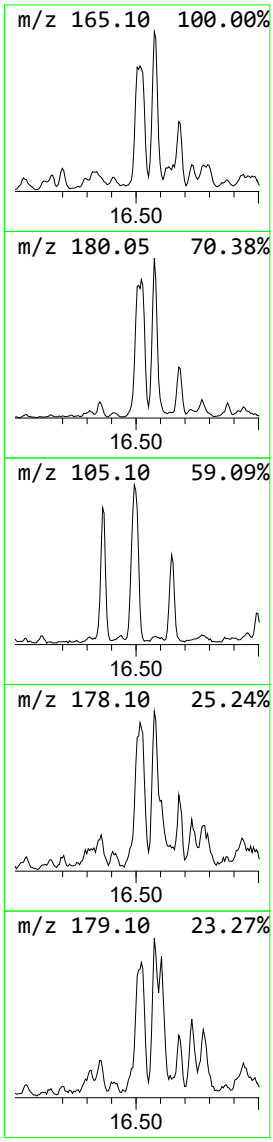
**********

Peak Number 53 9H-Fluorene, 2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.504 | 20.14 ng/ul | 3468890 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 97 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 96 |
| 3 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 92 |
| 4 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 91 |
| 5 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

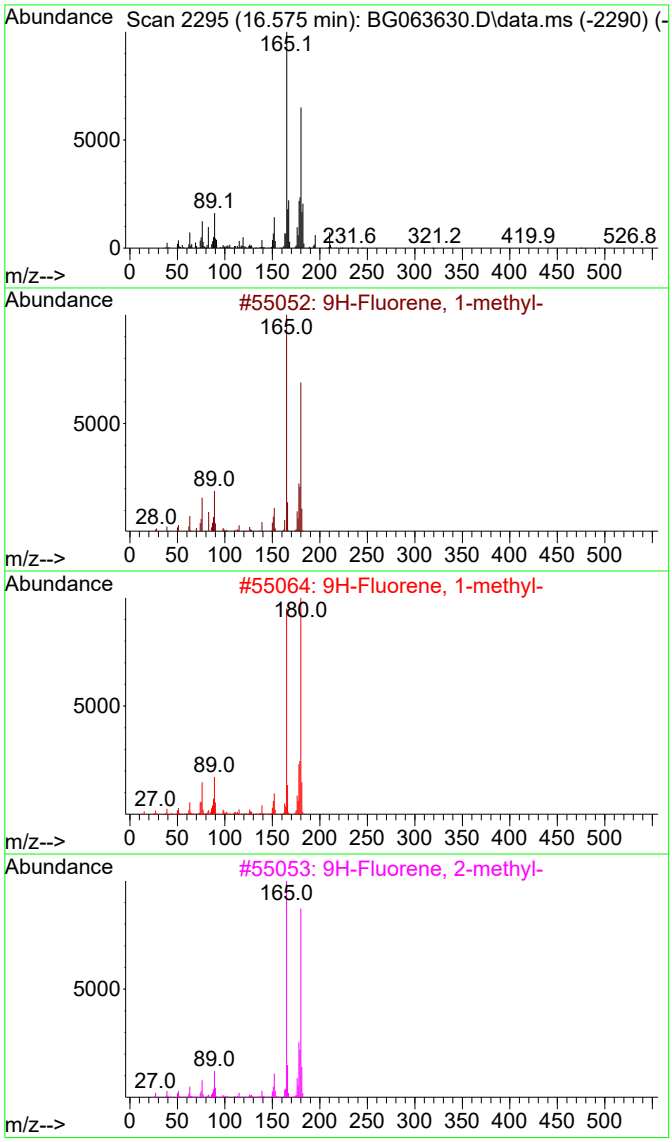
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

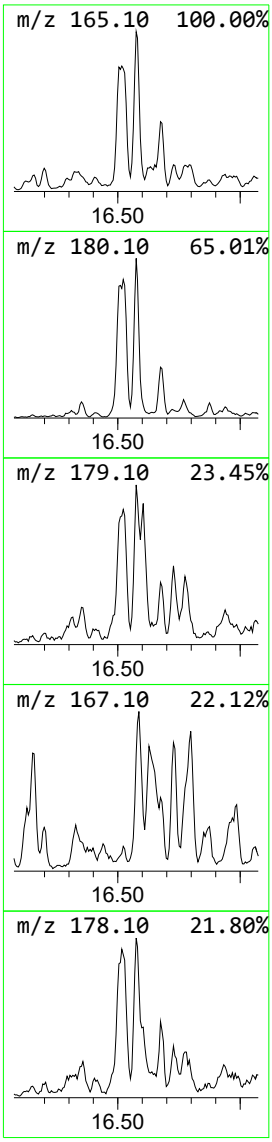
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 54 9H-Fluorene, 1-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.575 | 23.47 ng/ul | 4043490 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 95 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 86 |
| 3 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 86 |
| 4 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 83 |
| 5 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

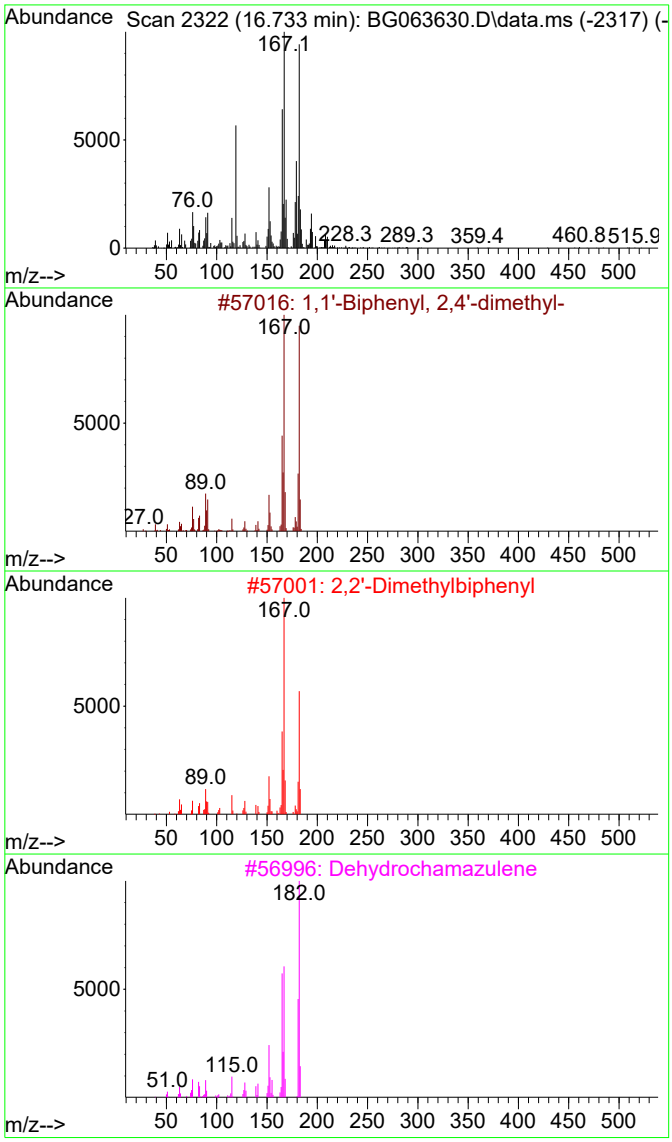
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

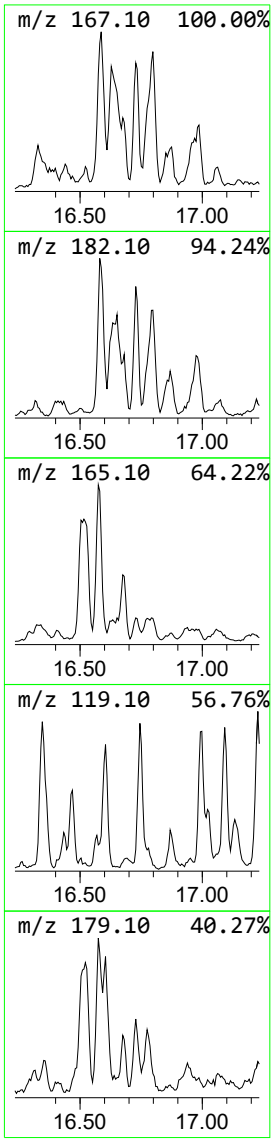
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 1,1'-Biphenyl, 2,4'-dimethyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.733 | 12.34 ng/ul | 2125340 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,4'-dimethyl- | 182 | C14H14 | 000611-61-0 | 91 |
| 2 | 2,2'-Dimethylbiphenyl | 182 | C14H14 | 000605-39-0 | 91 |
| 3 | Dehydrochamazulene | 182 | C14H14 | 321732-25-6 | 83 |
| 4 | 1,1'-Biphenyl, 2-ethyl- | 182 | C14H14 | 001812-51-7 | 78 |
| 5 | 1,1'-Biphenyl, 2,3'-dimethyl- | 182 | C14H14 | 000611-43-8 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

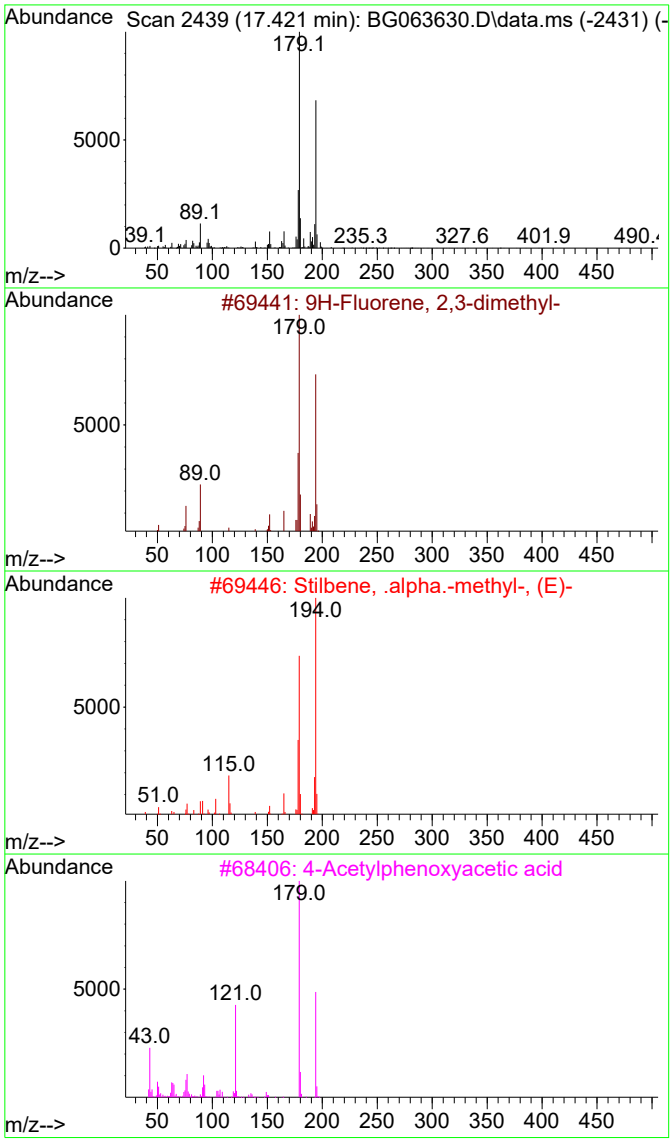
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

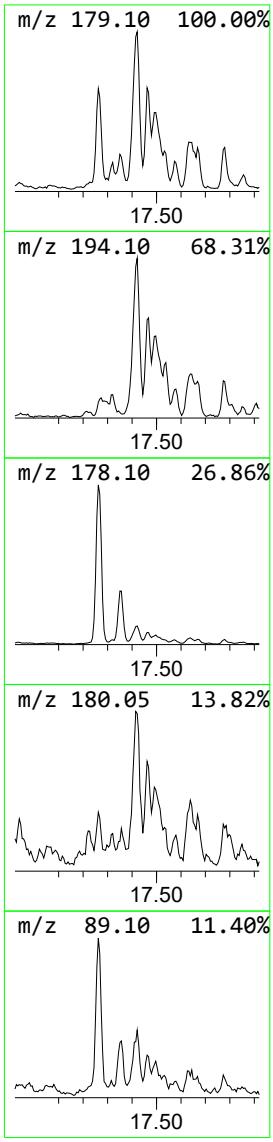
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 59 9H-Fluorene, 2,3-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.421 | 22.97 ng/ul | 3957750 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2,3-dimethyl- | 194 | C15H14 | 004612-63-9 | 90 |
| 2 | Stilbene, .alpha.-methyl-, (E)- | 194 | C15H14 | 000833-81-8 | 58 |
| 3 | 4-Acetylphenoxyacetic acid | 194 | C10H10O4 | 001878-81-5 | 58 |
| 4 | .alpha.-Methylstilbene | 194 | C15H14 | 000779-51-1 | 50 |
| 5 | Benzo[h]quinoline | 179 | C13H9N | 000230-27-3 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

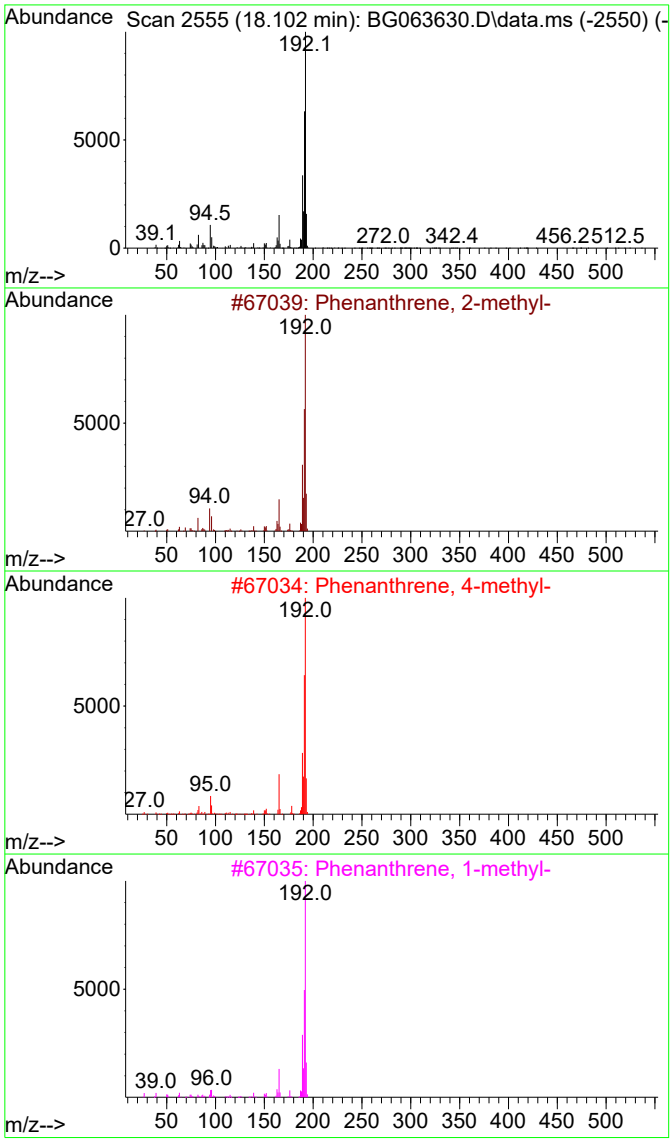
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

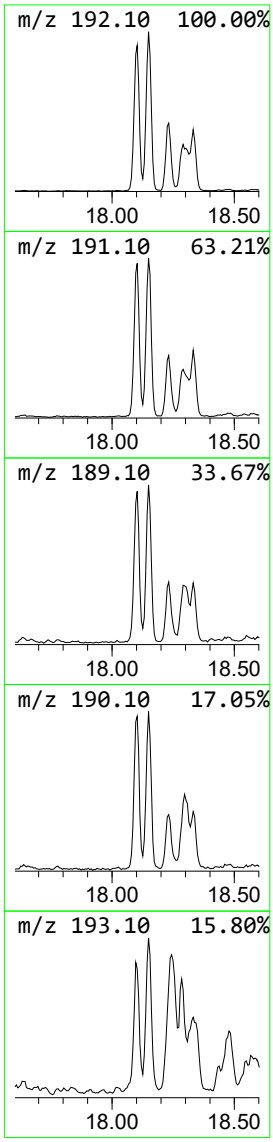
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 64 Phenanthrene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.102 | 29.28 ng/ul | 5043830 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 95 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

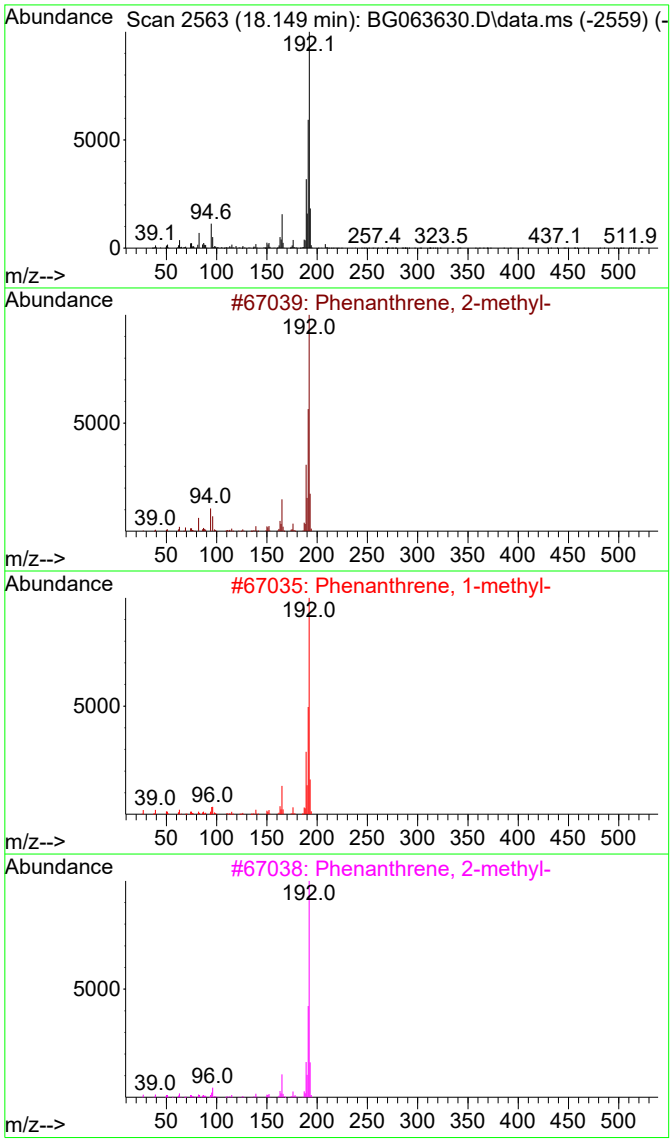
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

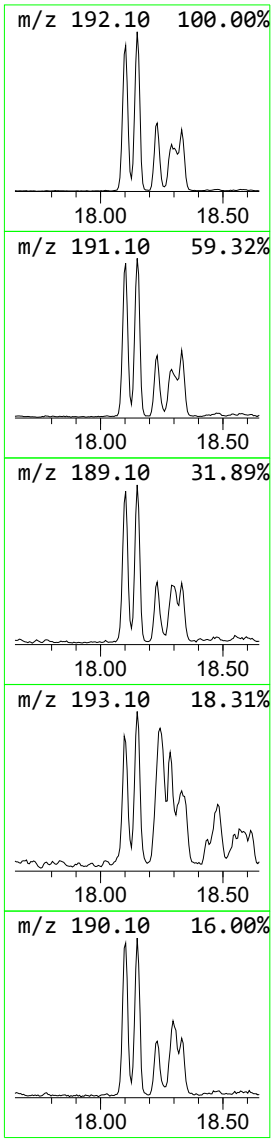
**********

Peak Number 65 Phenanthrene, 1-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.149 | 36.73 ng/ul | 6327870 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

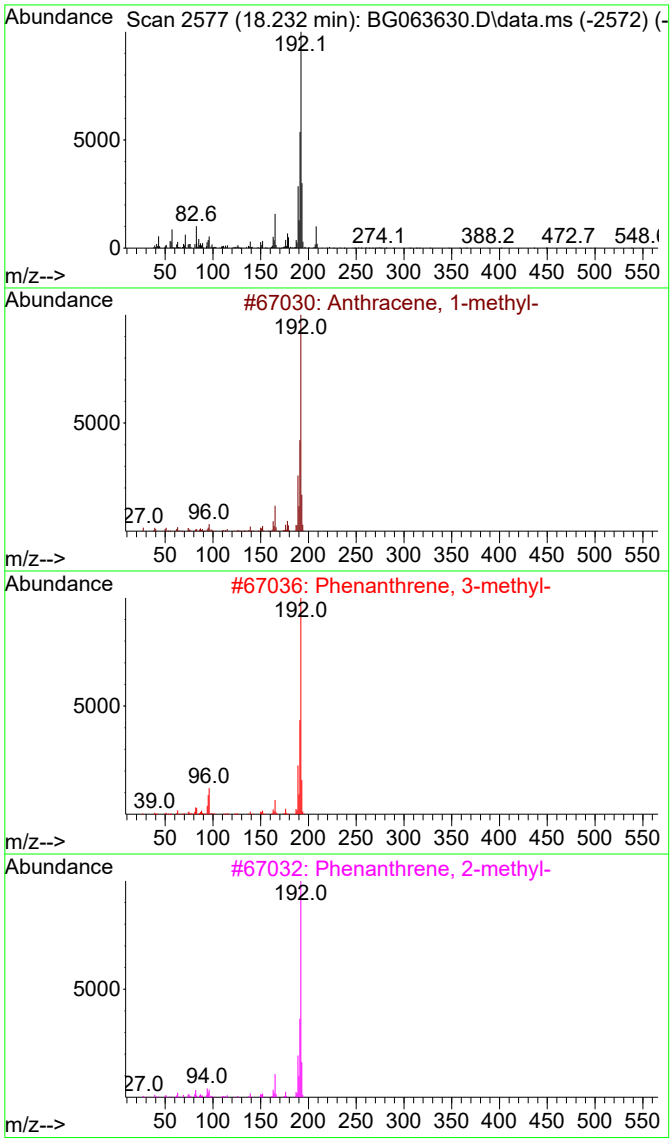
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

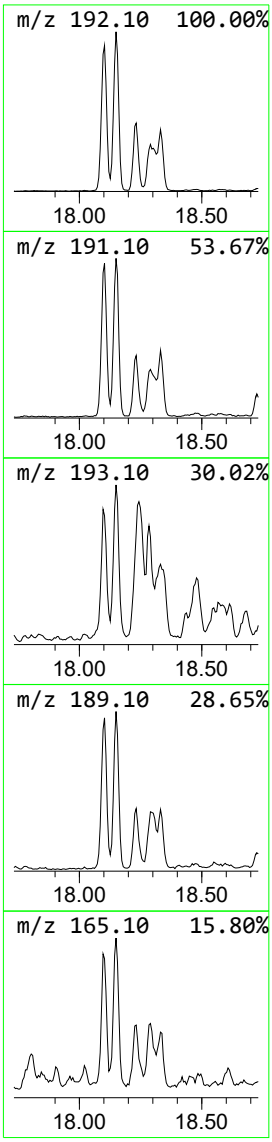
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 66 Anthracene, 1-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.232 | 23.27 ng/ul | 4007900 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 2 | Phenanthrene, 3-methyl- | 192 | C15H12 | 000832-71-3 | 93 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 90 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

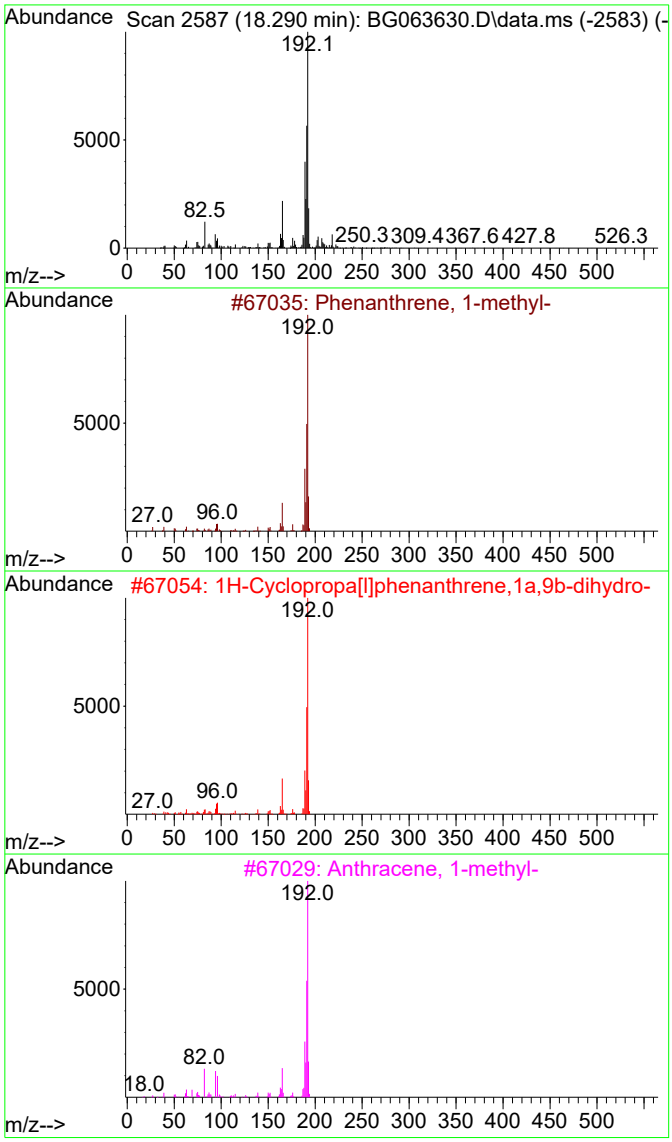
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

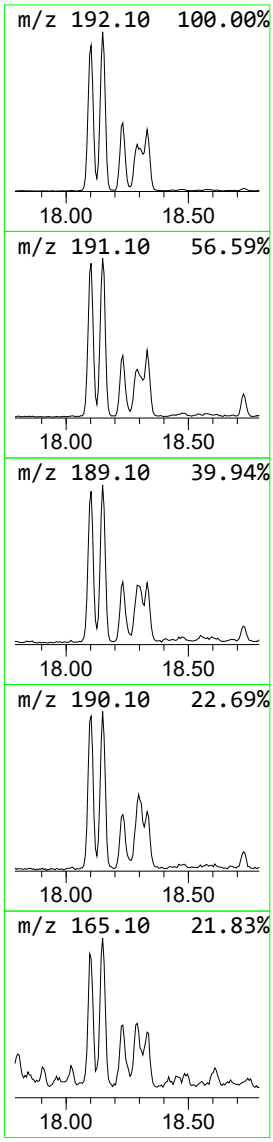
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 67 1H-Cyclopropa[l]phenanthren... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.290 | 12.08 ng/ul | 2081660 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 89 |
| 5 | 1a,9b-Dihydro-1H-cyclopropa[a]an... | 192 | C15H12 | 006109-24-6 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

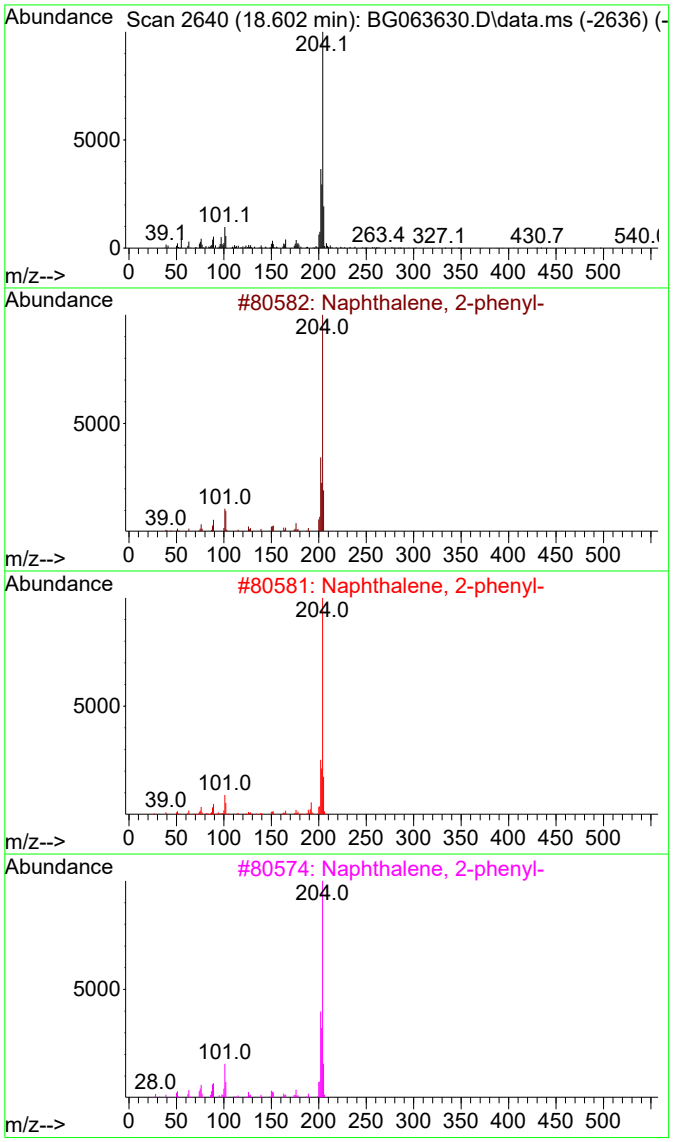
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

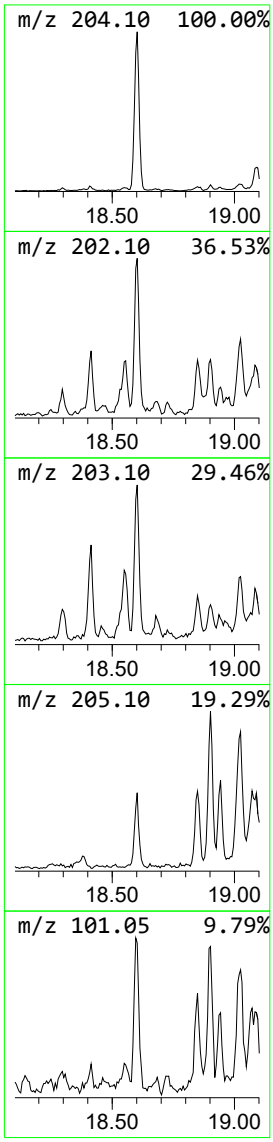
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 69 Naphthalene, 2-phenyl- Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.602 | 8.00 ng/ul | 1377650 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 90 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 81 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 81 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

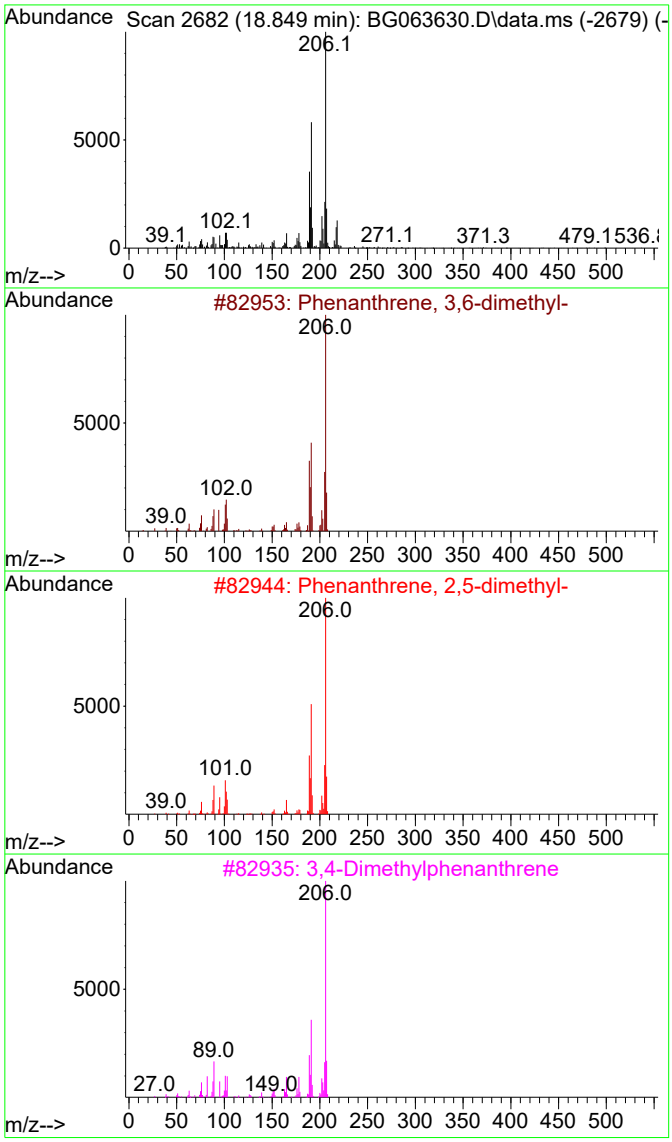
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

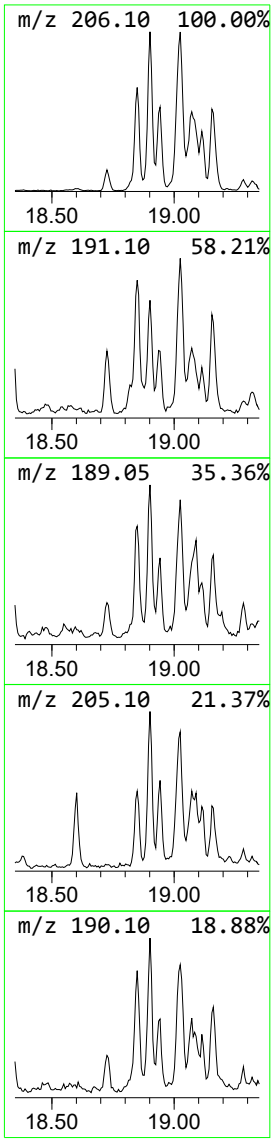
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 70 Phenanthrene, 3,6-dimethyl- Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.849 | 9.27 ng/ul | 1596330 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 95 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 3 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 91 |
| 4 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 91 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

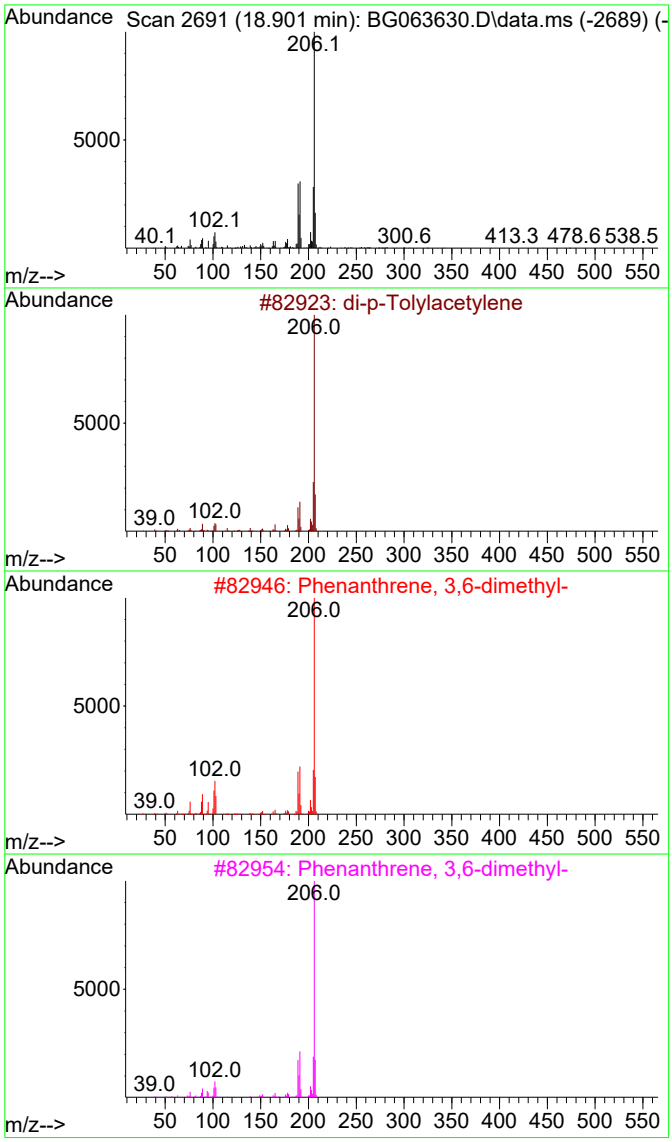
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

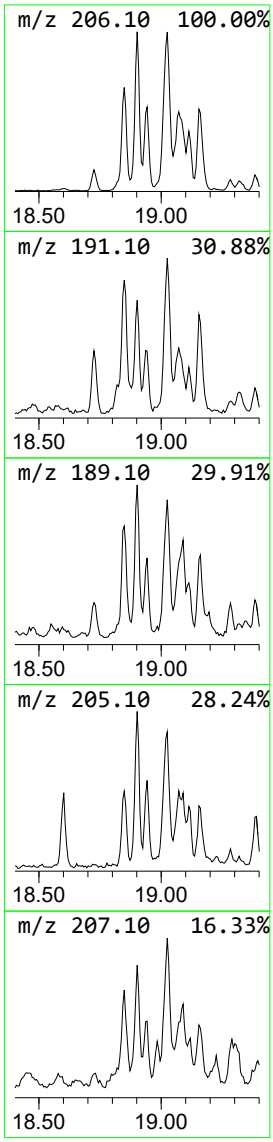
**********

Peak Number 71 di-p-Tolylacetylene Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.901 | 9.66 ng/ul | 1663720 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 94 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |
| 3 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |
| 4 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 87 |
| 5 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

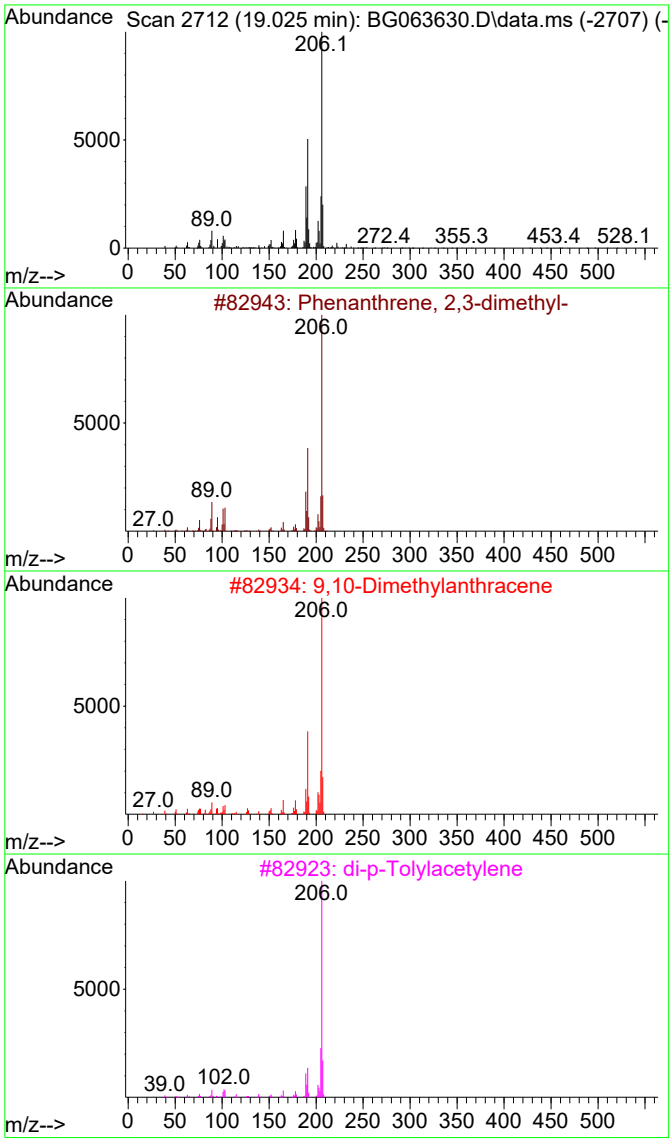
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

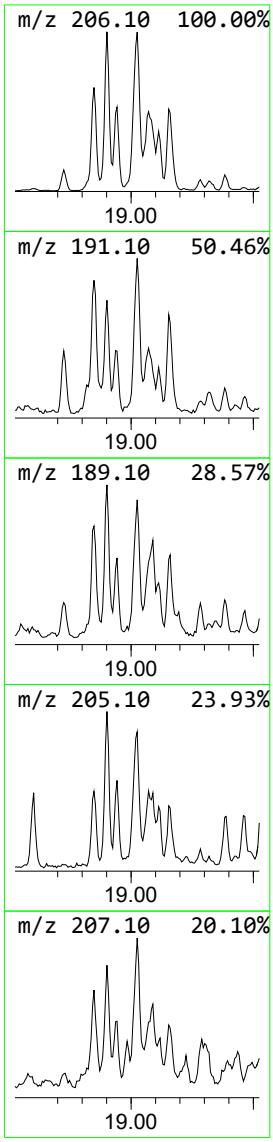
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 72 Phenanthrene, 2,3-dimethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.025 | 13.27 ng/ul | 2285880 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 91 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 90 |
| 5 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

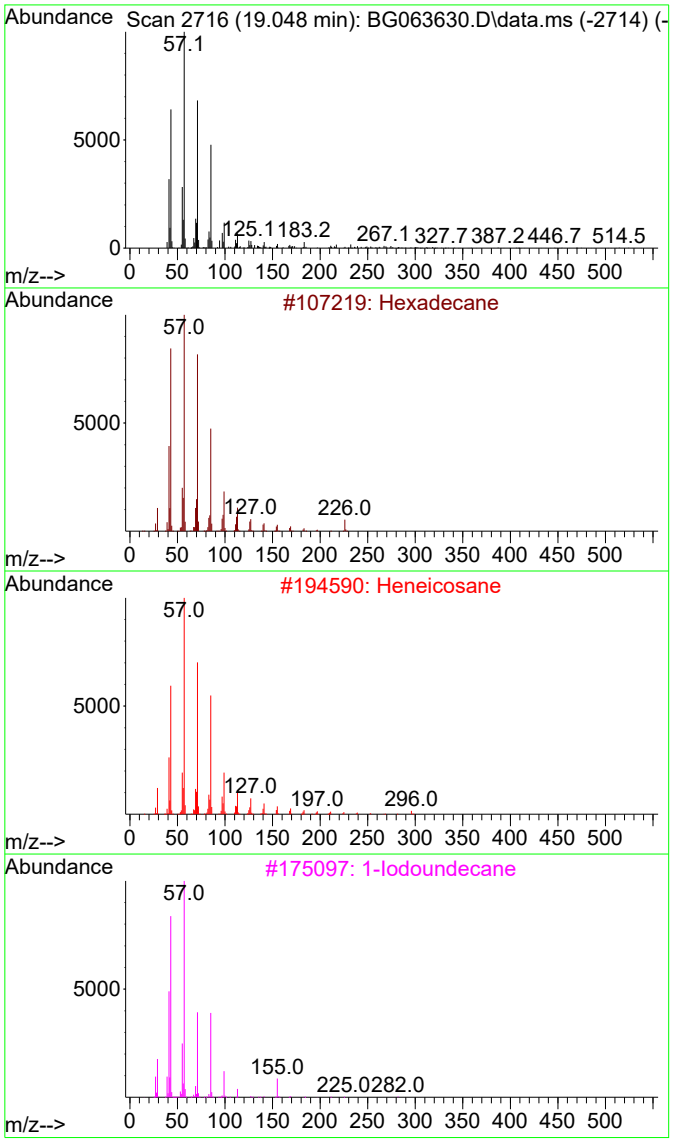
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

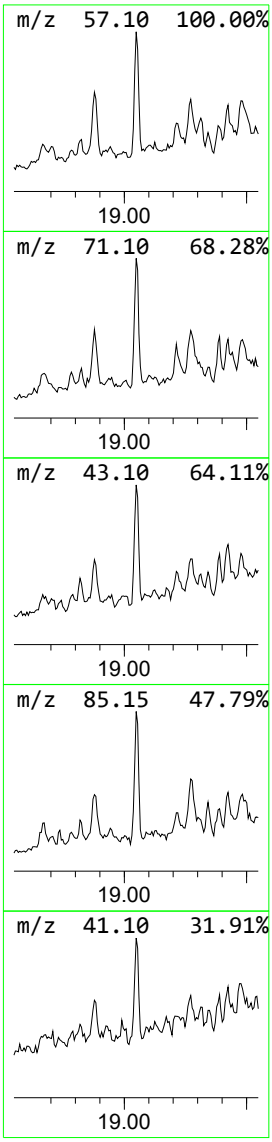
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.048 | 8.16 ng/ul | 1405190 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 3 | 1-Iodoundecane | 282 | C11H23I | 004282-44-4 | 87 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 87 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

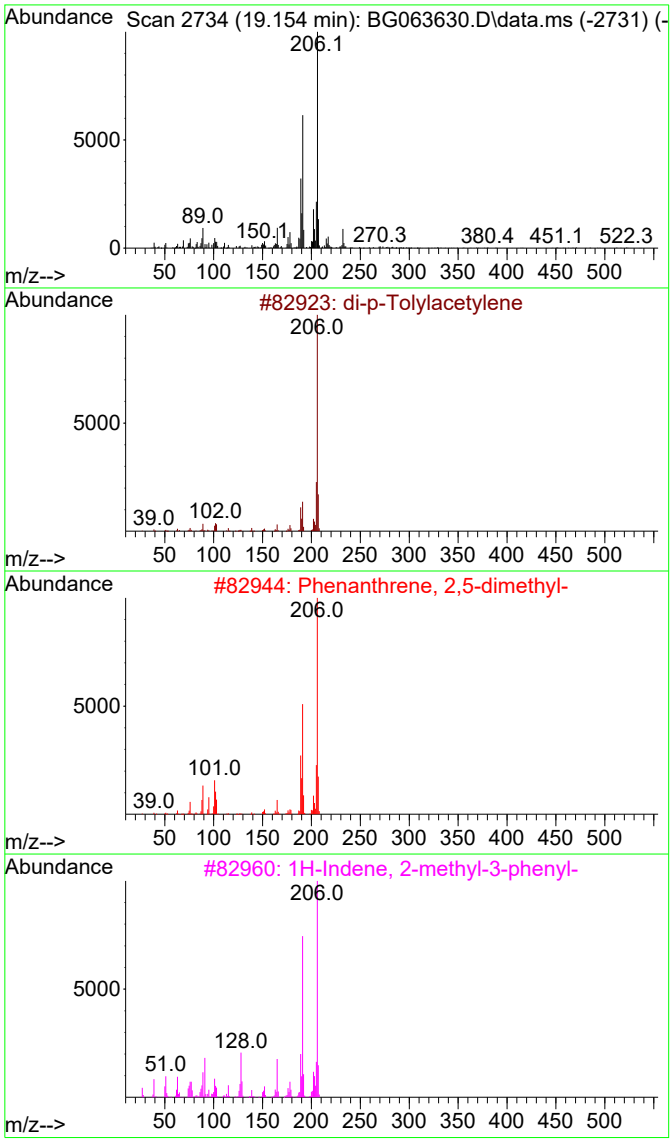
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

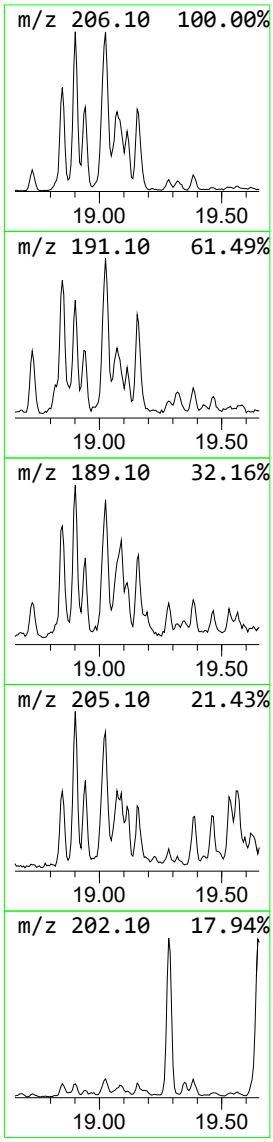
**********

Peak Number 74 Phenanthrene, 2,5-dimethyl- Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.154 | 10.07 ng/ul | 1734720 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 87 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 87 |
| 3 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 87 |
| 4 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 83 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

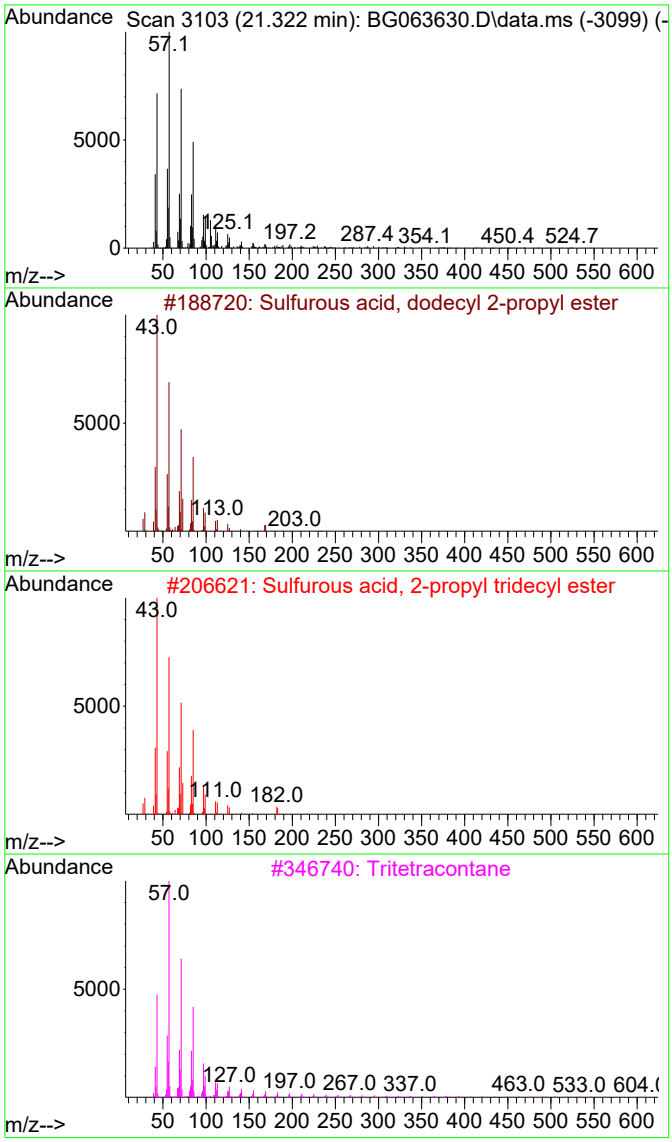
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

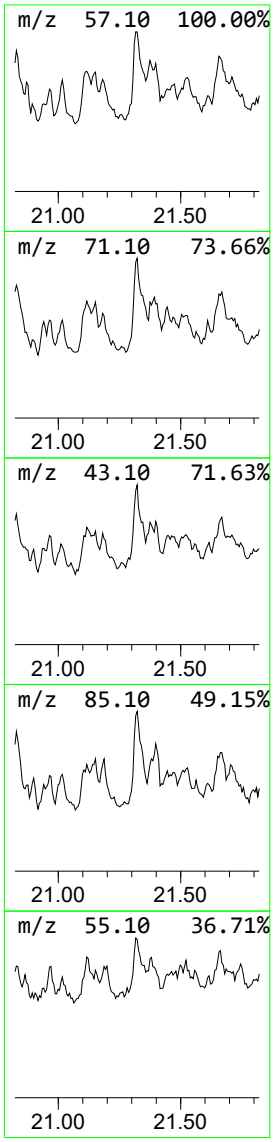
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 79 Sulfurous acid, dodecyl 2-p... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.322 | 20.00 ng/ul | 4861860 | Chrysene-d12 | 21.475 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, dodecyl 2-propyl... | 292 | C15H32O3S | 1000309-12-3 | 91 |
| 2 | Sulfurous acid, 2-propyl tridecy... | 306 | C16H34O3S | 1000309-12-4 | 91 |
| 3 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 91 |
| 4 | Sulfurous acid, pentadecyl 2-pro... | 334 | C18H38O3S | 1000309-12-6 | 87 |
| 5 | Sulfurous acid, 2-propyl tetrade... | 320 | C17H36O3S | 1010309-12-5 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063630.D
Acq On : 10 Dec 2024 11:22
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
E28M1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: S... | 5.840 | 11.7 | ng/ul | 2501110 | 1 | 7.820 | 4263210 | 20.0 |
| (DEL) Alkane: S... | 7.450 | 43.0 | ng/ul | 9166070 | 1 | 7.820 | 4263210 | 20.0 |
| (DEL) Alkane: C... | 8.108 | 13.4 | ng/ul | 2855810 | 1 | 7.820 | 4263210 | 20.0 |
| (DEL) Alkane: S... | 8.478 | 8.8 | ng/ul | 1887460 | 1 | 7.820 | 4263210 | 20.0 |
| (DEL) Alkane: S... | 9.048 | 46.5 | ng/ul | 9906610 | 1 | 7.820 | 4263210 | 20.0 |
| o-Cymene | 10.024 | 2.4 | ng/ul | 1687040 | 2 | 10.611 | 13945400 | 20.0 |
| (DEL) Alkane: S... | 10.781 | 4.9 | ng/ul | 3425440 | 2 | 10.611 | 13945400 | 20.0 |
| (DEL) Alkane: C... | 11.316 | 4.2 | ng/ul | 2942480 | 2 | 10.611 | 13945400 | 20.0 |
| (DEL) Alkane: S... | 11.534 | 3.1 | ng/ul | 2180490 | 2 | 10.611 | 13945400 | 20.0 |
| (DEL) Alkane: S... | 12.045 | 18.6 | ng/ul | 12995200 | 2 | 10.611 | 13945400 | 20.0 |
| Ethyl octacosyl... | 12.679 | 5.8 | ng/ul | 1154190 | 3 | 14.465 | 4001320 | 20.0 |
| (DEL) Alkane: S... | 12.855 | 7.0 | ng/ul | 1390390 | 3 | 14.465 | 4001320 | 20.0 |
| (DEL) Alkane: S... | 13.002 | 18.8 | ng/ul | 3755010 | 3 | 14.465 | 4001320 | 20.0 |
| Naphthalene, 2,... | 13.625 | 7.7 | ng/ul | 1539390 | 3 | 14.465 | 4001320 | 20.0 |
| Naphthalene, 1,... | 13.784 | 16.9 | ng/ul | 3378360 | 3 | 14.465 | 4001320 | 20.0 |
| Carbonic acid, ... | 13.954 | 20.5 | ng/ul | 4104570 | 3 | 14.465 | 4001320 | 20.0 |
| Naphthalene, 2,... | 14.025 | 8.5 | ng/ul | 1697510 | 3 | 14.465 | 4001320 | 20.0 |
| (DEL) Alkane: S... | 14.371 | 41.8 | ng/ul | 8366780 | 3 | 14.465 | 4001320 | 20.0 |
| Naphthalene, 2,... | 14.677 | 12.8 | ng/ul | 2557240 | 3 | 14.465 | 4001320 | 20.0 |
| Naphthalene, 1,... | 14.871 | 18.9 | ng/ul | 3775020 | 3 | 14.465 | 4001320 | 20.0 |
| Naphthalene, 1,... | 14.947 | 20.5 | ng/ul | 4100870 | 3 | 14.465 | 4001320 | 20.0 |
| 3-(2-Methyl-pro... | 15.294 | 9.7 | ng/ul | 1947420 | 3 | 14.465 | 4001320 | 20.0 |
| (DEL) Alkane: S... | 15.323 | 20.1 | ng/ul | 4030300 | 3 | 14.465 | 4001320 | 20.0 |
| Naphthalene, 2-... | 15.570 | 5.4 | ng/ul | 1084080 | 3 | 14.465 | 4001320 | 20.0 |
| 1,6-Dimethyl- 3... | 15.934 | 8.3 | ng/ul | 1437550 | 4 | 17.221 | 3445440 | 20.0 |
| 2-Isopropyl-7-m... | 16.034 | 15.0 | ng/ul | 2584660 | 4 | 17.221 | 3445440 | 20.0 |
| (DEL) Alkane: S... | 16.193 | 35.1 | ng/ul | 6040490 | 4 | 17.221 | 3445440 | 20.0 |
| Naphthalene, 1,... | 16.334 | 17.7 | ng/ul | 3042920 | 4 | 17.221 | 3445440 | 20.0 |
| 9H-Fluorene, 2-... | 16.504 | 20.1 | ng/ul | 3468890 | 4 | 17.221 | 3445440 | 20.0 |
| 9H-Fluorene, 1-... | 16.575 | 23.5 | ng/ul | 4043490 | 4 | 17.221 | 3445440 | 20.0 |
| 1,1'-Biphenyl, ... | 16.733 | 12.3 | ng/ul | 2125340 | 4 | 17.221 | 3445440 | 20.0 |
| 9H-Fluorene, 2,... | 17.421 | 23.0 | ng/ul | 3957750 | 4 | 17.221 | 3445440 | 20.0 |
| Phenanthrene, 2... | 18.102 | 29.3 | ng/ul | 5043830 | 4 | 17.221 | 3445440 | 20.0 |
| Phenanthrene, 1... | 18.149 | 36.7 | ng/ul | 6327870 | 4 | 17.221 | 3445440 | 20.0 |
| Anthracene, 1-m... | 18.232 | 23.3 | ng/ul | 4007900 | 4 | 17.221 | 3445440 | 20.0 |
| 1H-Cyclopropa[l... | 18.290 | 12.1 | ng/ul | 2081660 | 4 | 17.221 | 3445440 | 20.0 |
| Naphthalene, 2-... | 18.602 | 8.0 | ng/ul | 1377650 | 4 | 17.221 | 3445440 | 20.0 |
| Phenanthrene, 3... | 18.849 | 9.3 | ng/ul | 1596330 | 4 | 17.221 | 3445440 | 20.0 |
| di-p-Tolylacety... | 18.901 | 9.7 | ng/ul | 1663720 | 4 | 17.221 | 3445440 | 20.0 |
| Phenanthrene, 2... | 19.025 | 13.3 | ng/ul | 2285880 | 4 | 17.221 | 3445440 | 20.0 |
| (DEL) Alkane: S... | 19.048 | 8.2 | ng/ul | 1405190 | 4 | 17.221 | 3445440 | 20.0 |
| Phenanthrene, 2... | 19.154 | 10.1 | ng/ul | 1734720 | 4 | 17.221 | 3445440 | 20.0 |
| Sulfurous acid,... | 21.322 | 20.0 | ng/ul | 4861860 | 5 | 21.475 | 4861860 | 20.0 |