LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060753.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.099 | 14 | 19 | 27 | rBV4 | 18401 | 36657 | 1.31% | 0.152% |
| 2 | 3.175 | 27 | 32 | 44 | rVB | 273688 | 436561 | 15.61% | 1.808% |
| 3 | 3.686 | 114 | 119 | 131 | rBV | 69341 | 125866 | 4.50% | 0.521% |
| 4 | 5.537 | 426 | 434 | 444 | rBV | 744910 | 1246189 | 44.57% | 5.161% |
| 5 | 7.112 | 693 | 702 | 712 | rBV | 832768 | 1416272 | 50.66% | 5.865% |
| 6 | 7.546 | 770 | 776 | 783 | rBV | 20449 | 35182 | 1.26% | 0.146% |
| 7 | 7.958 | 838 | 846 | 853 | rBV | 325890 | 562338 | 20.11% | 2.329% |
| 8 | 9.109 | 1033 | 1042 | 1049 | rBV | 470216 | 844326 | 30.20% | 3.496% |
| 9 | 10.754 | 1313 | 1322 | 1328 | rBV | 424042 | 794703 | 28.42% | 3.291% |
| 10 | 11.489 | 1440 | 1447 | 1453 | rBV2 | 40768 | 73126 | 2.62% | 0.303% |
| 11 | 12.405 | 1597 | 1603 | 1610 | rBV2 | 24326 | 45179 | 1.62% | 0.187% |
| 12 | 12.629 | 1636 | 1641 | 1646 | rVB3 | 18940 | 33231 | 1.19% | 0.138% |
| 13 | 13.210 | 1732 | 1740 | 1748 | rBV | 1231485 | 1918537 | 68.62% | 7.945% |
| 14 | 13.904 | 1850 | 1858 | 1864 | rBV3 | 27057 | 56236 | 2.01% | 0.233% |
| 15 | 14.239 | 1910 | 1915 | 1919 | rBV5 | 23370 | 35638 | 1.27% | 0.148% |
| 16 | 14.303 | 1921 | 1926 | 1931 | rBV2 | 30508 | 52647 | 1.88% | 0.218% |
| 17 | 14.579 | 1966 | 1973 | 1980 | rBV | 670000 | 1090988 | 39.02% | 4.518% |
| 18 | 14.797 | 2004 | 2010 | 2016 | rBV10 | 16142 | 40600 | 1.45% | 0.168% |
| 19 | 15.196 | 2073 | 2078 | 2085 | rBV7 | 14069 | 30007 | 1.07% | 0.124% |
| 20 | 15.631 | 2147 | 2152 | 2164 | rVB2 | 41726 | 77824 | 2.78% | 0.322% |
| 21 | 16.066 | 2220 | 2226 | 2236 | rVB | 985383 | 1499776 | 53.64% | 6.211% |
| 22 | 16.313 | 2261 | 2268 | 2272 | rBV6 | 16559 | 37205 | 1.33% | 0.154% |
| 23 | 16.636 | 2316 | 2323 | 2328 | rBV5 | 22704 | 42923 | 1.54% | 0.178% |
| 24 | 16.977 | 2377 | 2381 | 2388 | rVB2 | 21605 | 39407 | 1.41% | 0.163% |
| 25 | 17.147 | 2406 | 2410 | 2420 | rVB2 | 37371 | 67554 | 2.42% | 0.280% |
| 26 | 17.329 | 2435 | 2441 | 2445 | rBV | 824968 | 1271979 | 45.49% | 5.267% |
| 27 | 17.370 | 2445 | 2448 | 2454 | rVB | 413142 | 587626 | 21.02% | 2.433% |
| 28 | 17.464 | 2459 | 2464 | 2468 | rVB | 48616 | 78278 | 2.80% | 0.324% |
| 29 | 17.858 | 2527 | 2531 | 2534 | rBV3 | 26333 | 31572 | 1.13% | 0.131% |
| 30 | 17.911 | 2536 | 2540 | 2544 | rVB | 40553 | 58133 | 2.08% | 0.241% |
| 31 | 18.210 | 2586 | 2591 | 2593 | rBV | 161877 | 223058 | 7.98% | 0.924% |
| 32 | 18.246 | 2593 | 2597 | 2607 | rVV2 | 290071 | 598061 | 21.39% | 2.477% |
| 33 | 18.334 | 2610 | 2612 | 2616 | rVV2 | 26884 | 34902 | 1.25% | 0.145% |
| 34 | 18.398 | 2617 | 2623 | 2627 | rVV2 | 165432 | 309162 | 11.06% | 1.280% |
| 35 | 18.440 | 2627 | 2630 | 2637 | rVB | 105787 | 150672 | 5.39% | 0.624% |
| 36 | 18.710 | 2672 | 2676 | 2679 | rVV2 | 67975 | 103769 | 3.71% | 0.430% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 18.739 | 2679 | 2681 | 2688 | rVB3 | 45549 | 67050 | 2.40% | 0.278% |
| 38 | 18.957 | 2714 | 2718 | 2722 | rVB3 | 41011 | 54686 | 1.96% | 0.226% |
| 39 | 19.004 | 2723 | 2726 | 2730 | rBV2 | 57515 | 76074 | 2.72% | 0.315% |
| 40 | 19.045 | 2730 | 2733 | 2738 | rVB | 44585 | 55660 | 1.99% | 0.230% |
| 41 | 19.127 | 2742 | 2747 | 2751 | rBV | 127956 | 196371 | 7.02% | 0.813% |
| 42 | 19.180 | 2751 | 2756 | 2760 | rBV3 | 74443 | 139478 | 4.99% | 0.578% |
| 43 | 19.256 | 2766 | 2769 | 2778 | rBV4 | 63444 | 124893 | 4.47% | 0.517% |
| 44 | 19.385 | 2785 | 2791 | 2797 | rBV | 464618 | 701858 | 25.10% | 2.906% |
| 45 | 19.521 | 2810 | 2814 | 2821 | rVB2 | 102547 | 185283 | 6.63% | 0.767% |
| 46 | 19.744 | 2847 | 2852 | 2862 | rVB | 715647 | 1049319 | 37.53% | 4.345% |
| 47 | 19.955 | 2883 | 2888 | 2899 | rVB | 2104135 | 2795906 | 100.00% | 11.578% |
| 48 | 20.079 | 2904 | 2909 | 2915 | rBV2 | 96754 | 215018 | 7.69% | 0.890% |
| 49 | 20.243 | 2934 | 2937 | 2942 | rVB2 | 138933 | 192554 | 6.89% | 0.797% |
| 50 | 20.402 | 2960 | 2964 | 2968 | rVB | 153387 | 196728 | 7.04% | 0.815% |
| 51 | 20.537 | 2984 | 2987 | 2991 | rBV | 122181 | 152136 | 5.44% | 0.630% |
| 52 | 20.584 | 2992 | 2995 | 2999 | rVB | 98520 | 115924 | 4.15% | 0.480% |
| 53 | 21.277 | 3110 | 3113 | 3119 | rVB3 | 173249 | 230805 | 8.26% | 0.956% |
| 54 | 21.595 | 3159 | 3167 | 3172 | rBV3 | 908709 | 2035082 | 72.79% | 8.428% |
| 55 | 21.642 | 3172 | 3175 | 3183 | rVB | 280394 | 435578 | 15.58% | 1.804% |
| 56 | 24.744 | 3697 | 3703 | 3713 | rVB | 395379 | 1041367 | 37.25% | 4.312% |

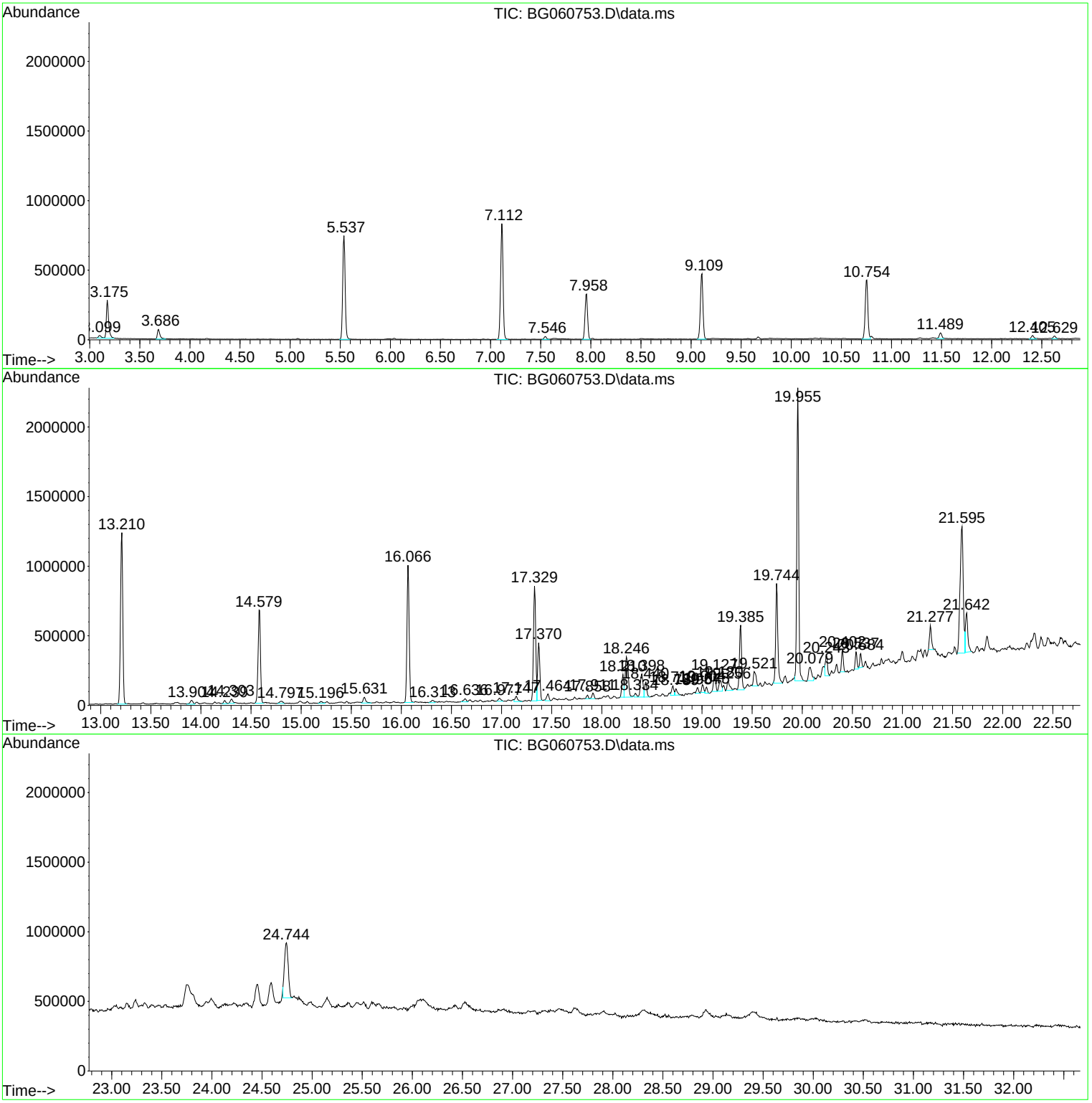
Sum of corrected areas: 24147954

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

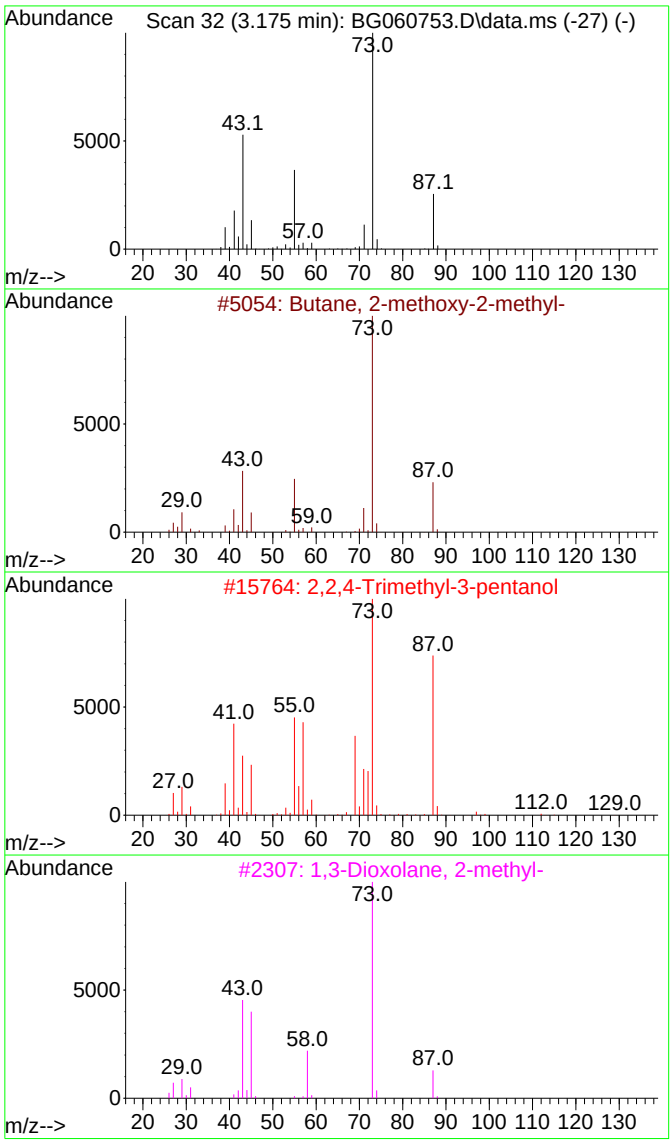
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

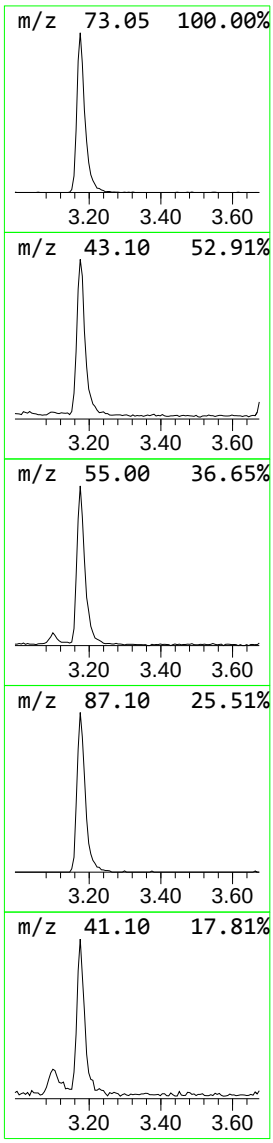
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.175 | 15.53 ng | 436561 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 37 |
| 4 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 25 |
| 5 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 23 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

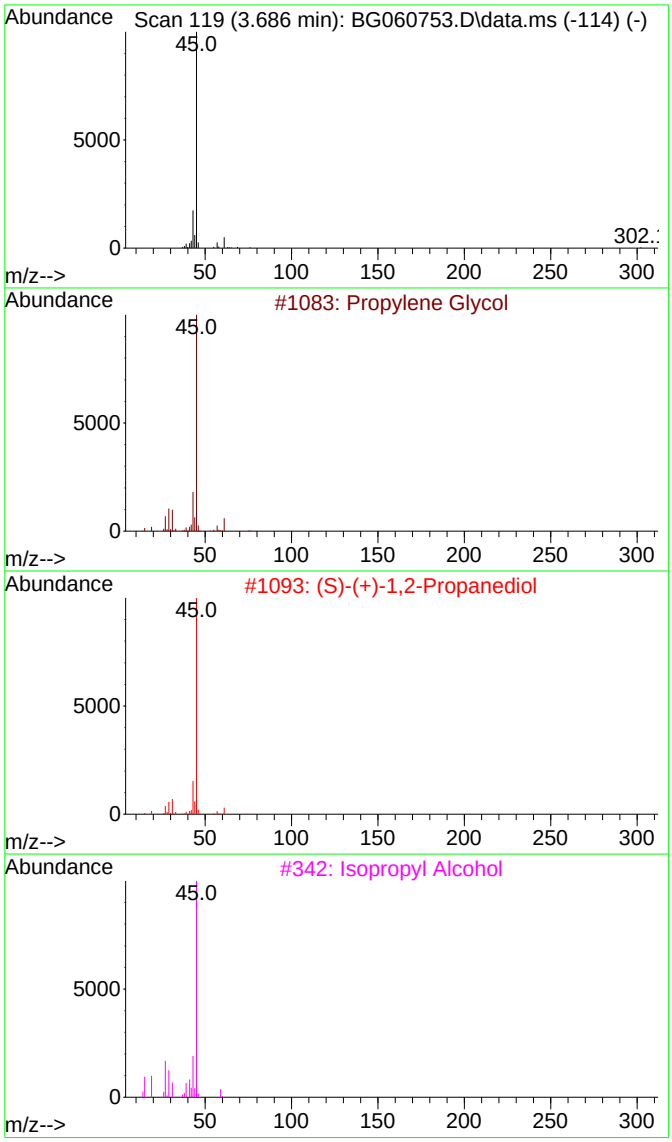
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

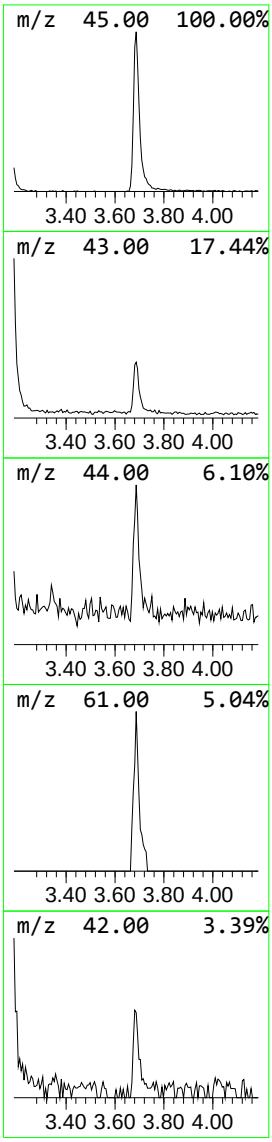
**********

Peak Number 2 Propylene Glycol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.686 | 4.48 ng | 125866 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 78 |
| 2 | (S)-(+)-1,2-Propanediol | 76 | C3H8O2 | 004254-15-3 | 64 |
| 3 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 9 |
| 4 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 9 |
| 5 | Propanoic acid, 2-hydroxy-, meth... | 104 | C4H8O3 | 000547-64-8 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

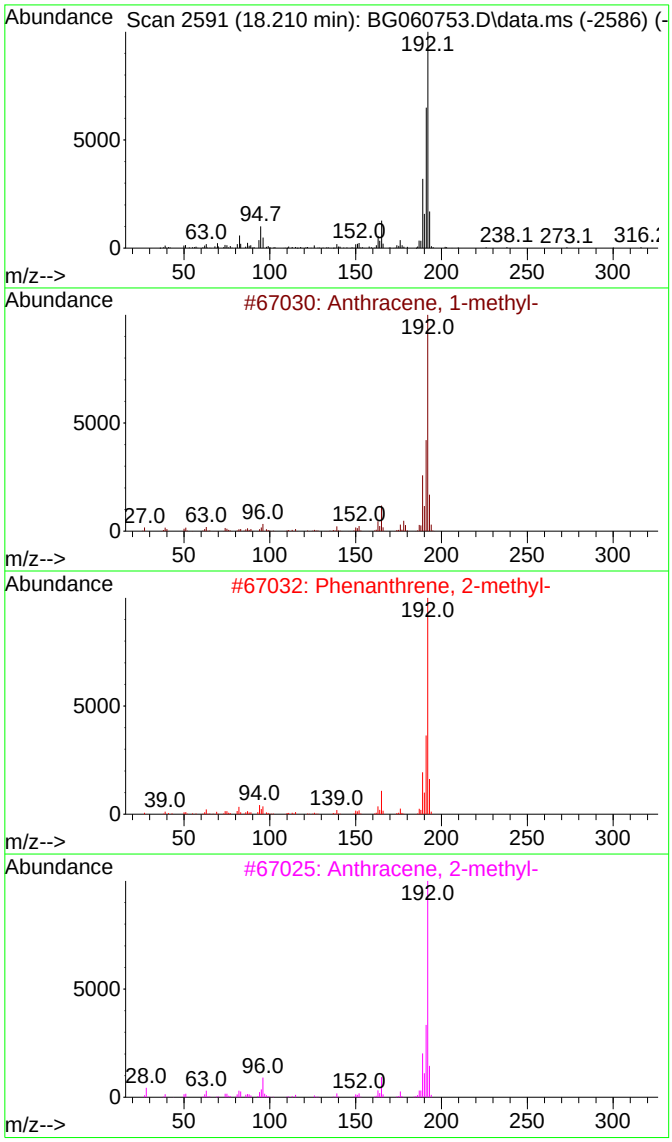
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

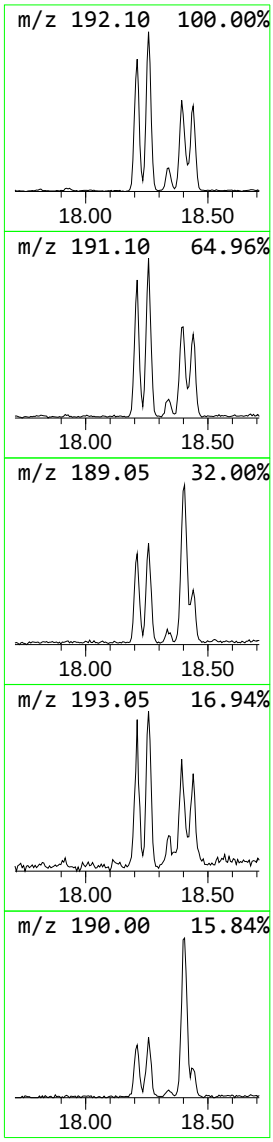
**********

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.210 | 3.51 ng | 223058 | Phenanthrene-d10 | 17.329 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 93 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

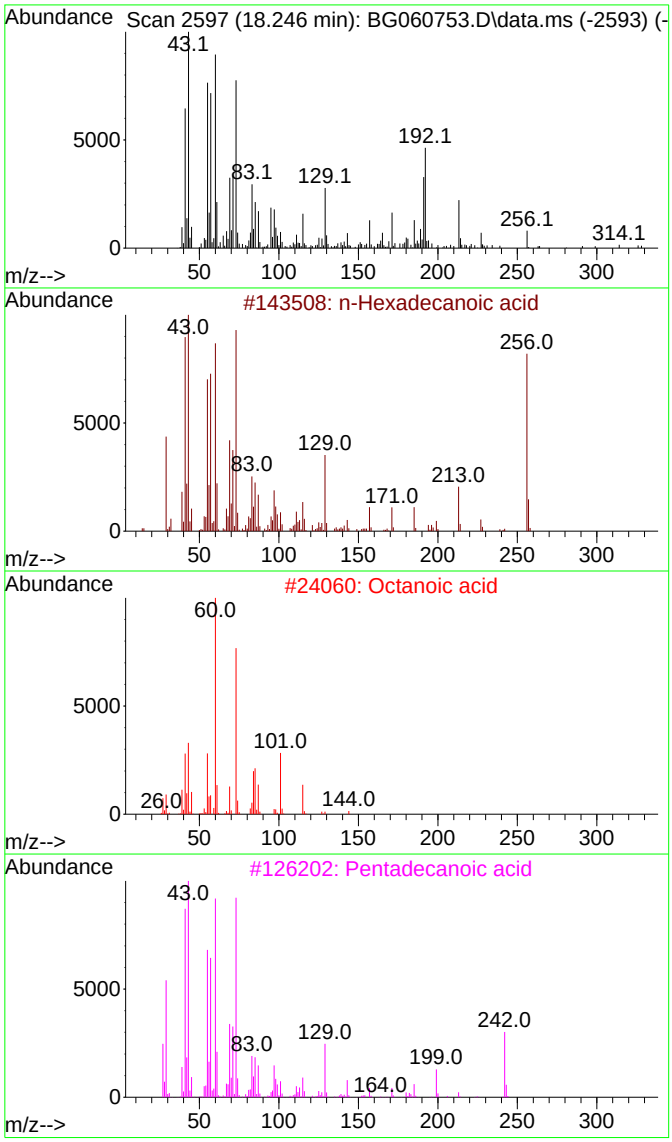
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

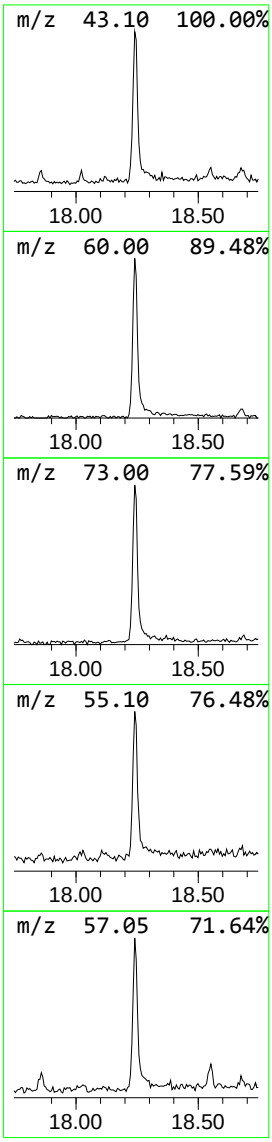
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.246 | 9.40 ng | 598061 | Phenanthrene-d10 | 17.329 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 2 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 50 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 49 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 49 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

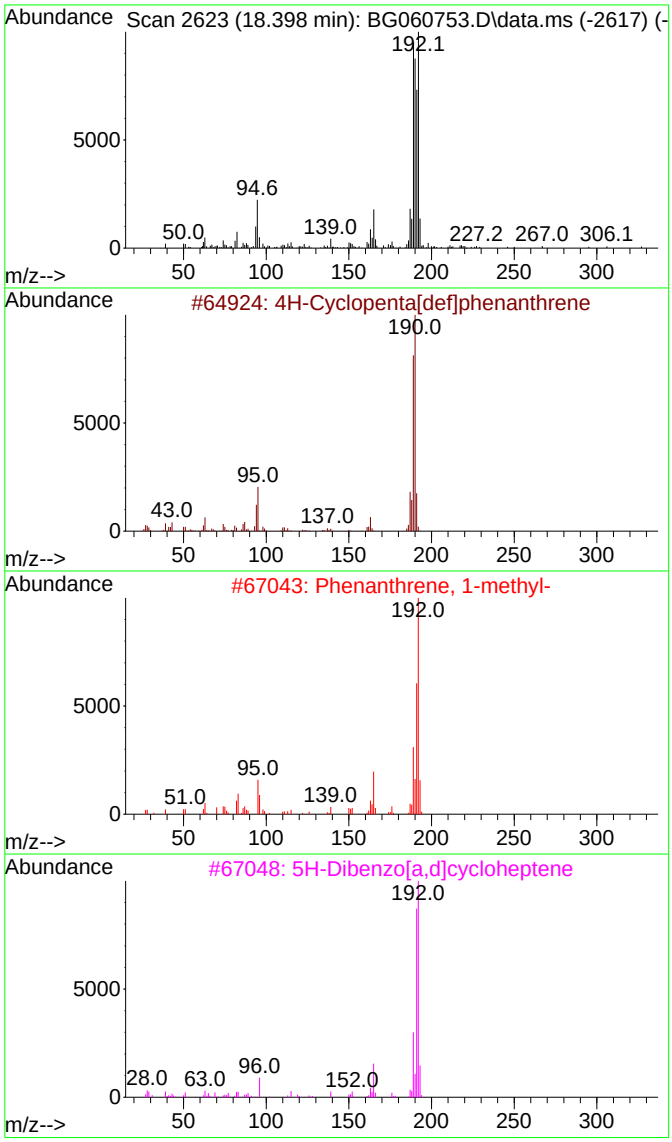
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

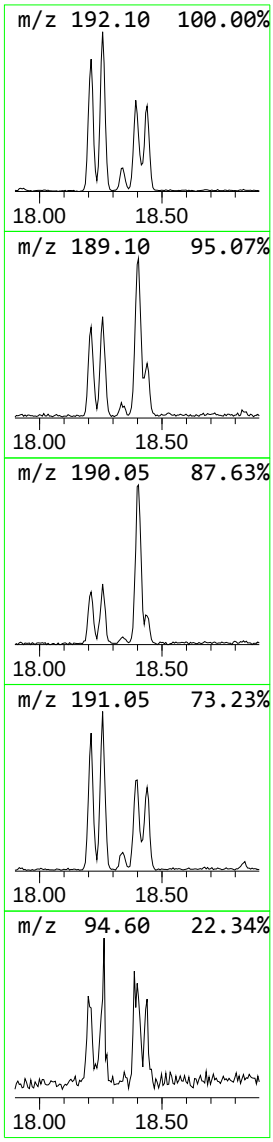
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.398 | 4.86 ng | 309162 | Phenanthrene-d10 | 17.329 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 50 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 50 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 50 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 50 |
| 5 | 1a,9b-Dihydro-1H-cyclopropa[a]an... | 192 | C15H12 | 006109-24-6 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

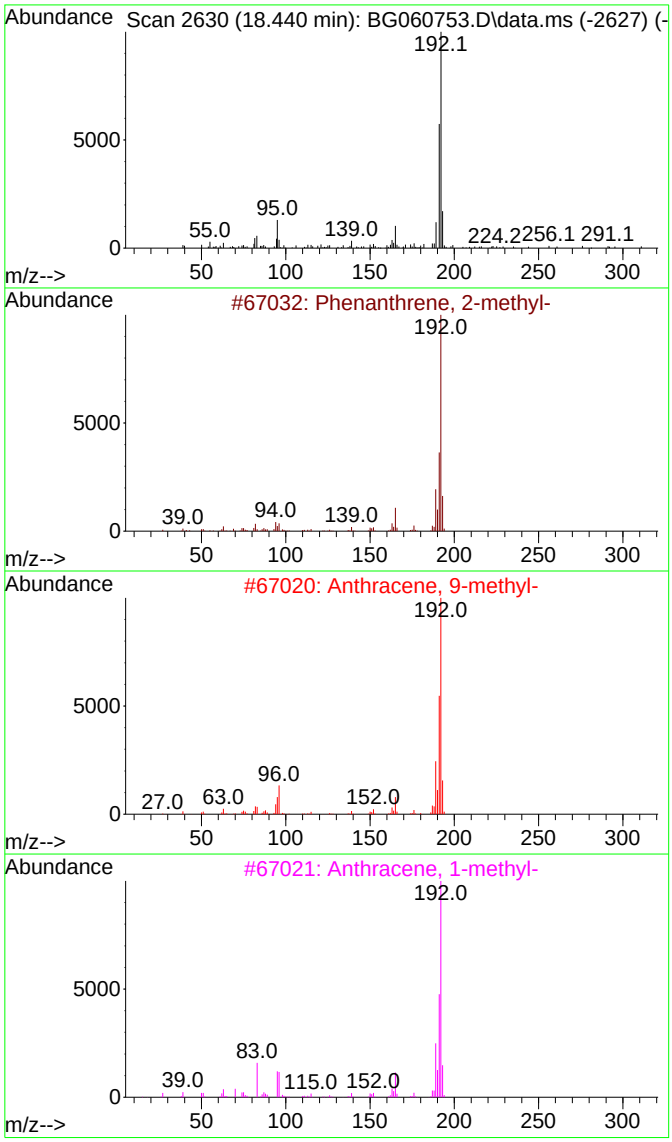
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

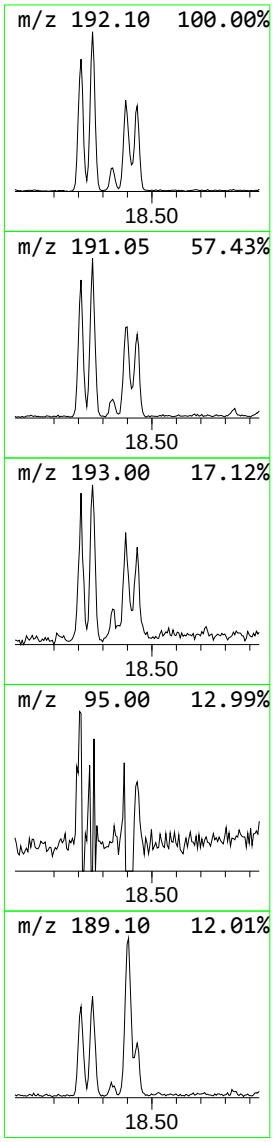
**********

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.439 | 2.37 ng | 150672 | Phenanthrene-d10 | 17.329 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |
| 2 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |
| 5 | Phenanthrene, 9-methyl- | 192 | C15H12 | 000883-20-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

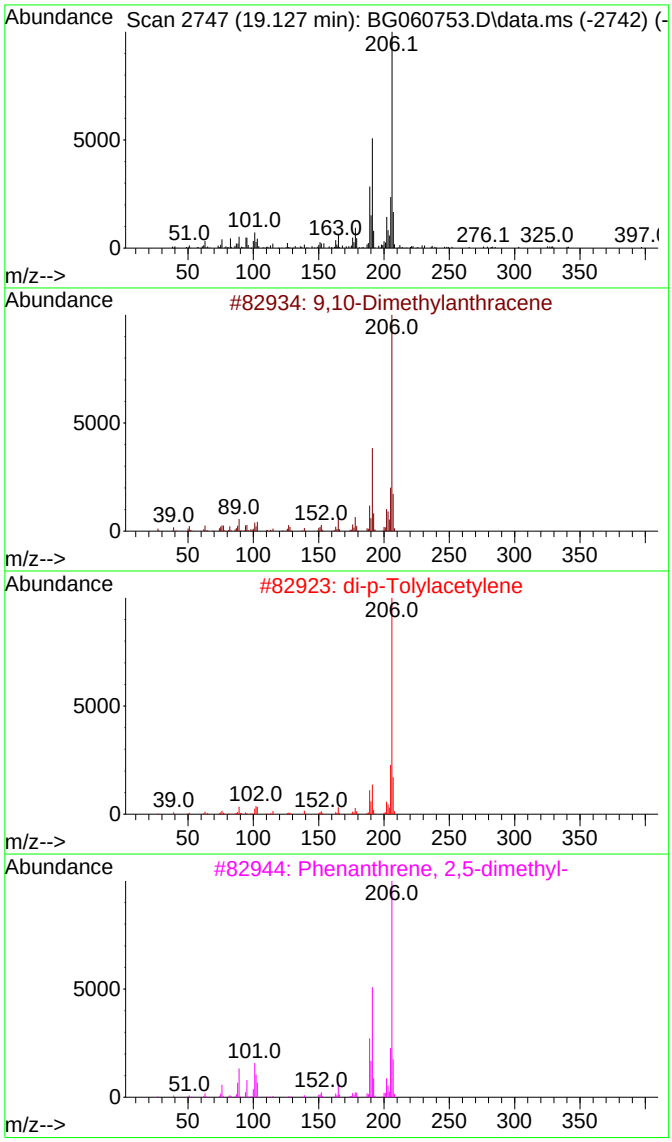
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

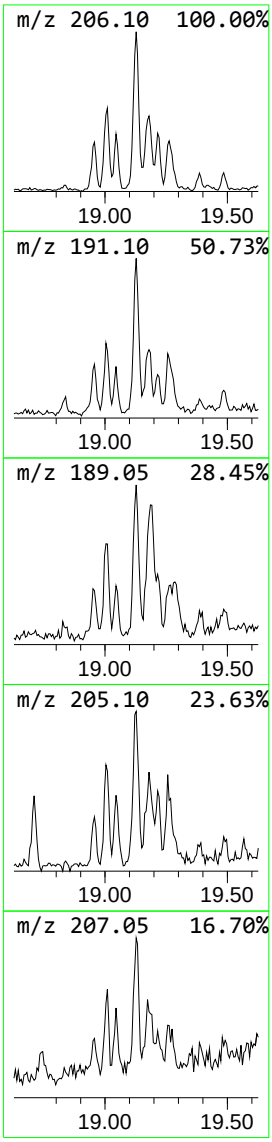
**********

Peak Number 7 9,10-Dimethylanthracene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.127 | 3.09 ng | 196371 | Phenanthrene-d10 | 17.329 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 96 |
| 2 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 4 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 91 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

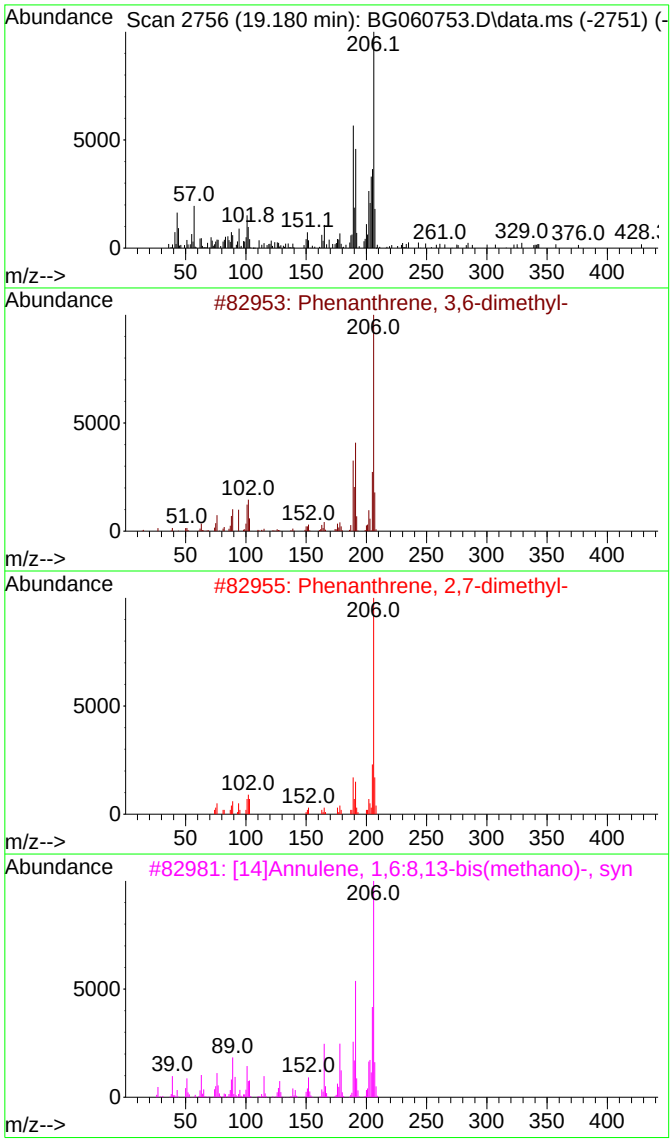
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

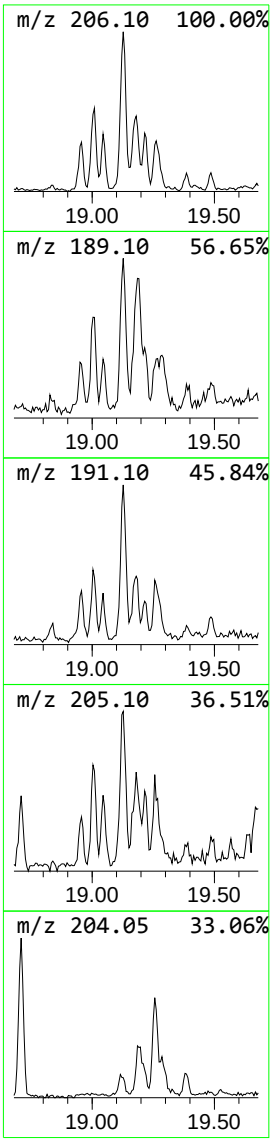
**********

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.180 | 2.19 ng | 139478 | Phenanthrene-d10 | 17.329 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 83 |
| 2 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 76 |
| 3 | [14]Annulene, 1,6:8,13-bis(metha... | 206 | C16H14 | 085385-68-8 | 70 |
| 4 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 64 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

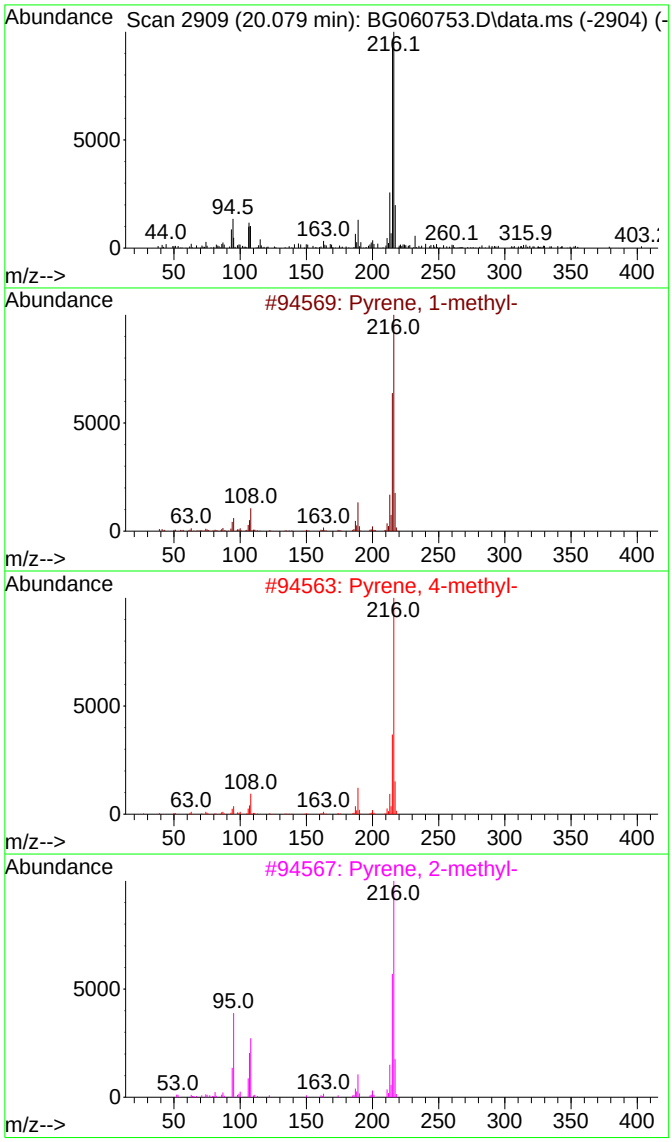
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

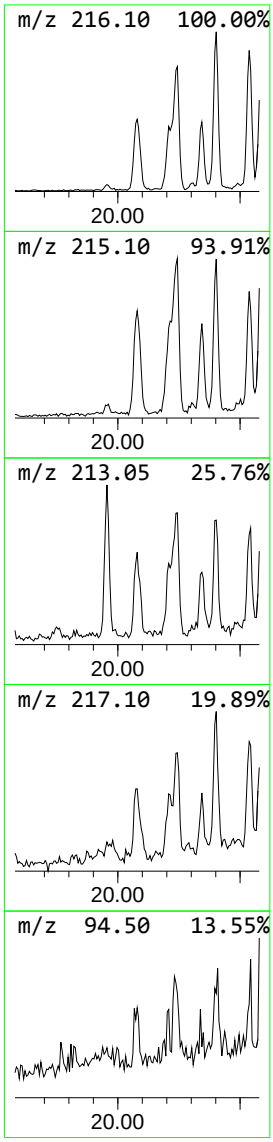
**********

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.079 | 2.11 ng | 215018 | Chrysene-d12 | 21.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 91 |
| 2 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 90 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 89 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

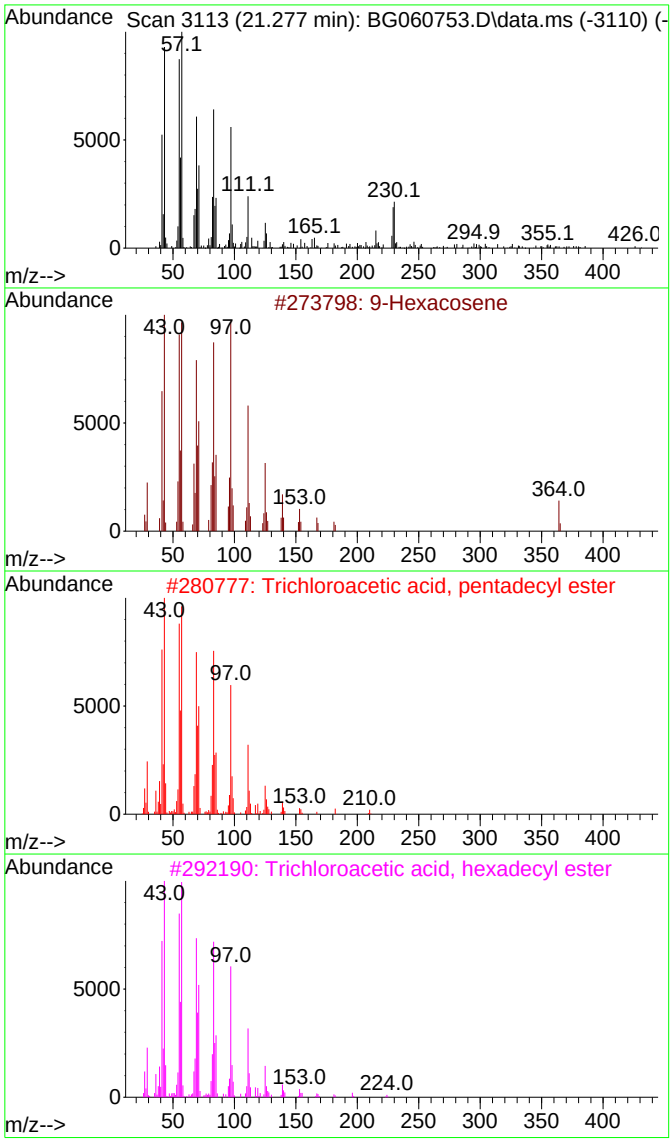
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

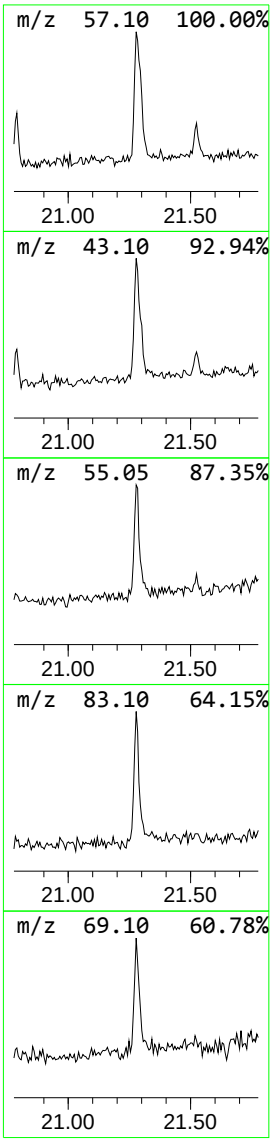
**********

Peak Number 10 9-Hexacosene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.277 | 2.27 ng | 230805 | Chrysene-d12 | 21.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Hexacosene | 364 | C26H52 | 071502-22-2 | 92 |
| 2 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 87 |
| 3 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 87 |
| 4 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 87 |
| 5 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 86 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060753.D
Acq On : 3 Apr 2024 1:31
Operator : MA/JU
Sample : P1879-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HS-02(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 |
| Butane, 2-metho... | 3.175 | 15.5 | ng | 436561 | 1 | 7.958 | 562338 | 20.0 |
| Propylene Glycol | 3.686 | 4.5 | ng | 125866 | 1 | 7.958 | 562338 | 20.0 |
| Anthracene, 1-m... | 18.210 | 3.5 | ng | 223058 | 4 | 17.329 | 1271980 | 20.0 |
| n-Hexadecanoic ... | 18.246 | 9.4 | ng | 598061 | 4 | 17.329 | 1271980 | 20.0 |
| 4H-Cyclopenta[d... | 18.398 | 4.9 | ng | 309162 | 4 | 17.329 | 1271980 | 20.0 |
| Phenanthrene, 2... | 18.439 | 2.4 | ng | 150672 | 4 | 17.329 | 1271980 | 20.0 |
| 9,10-Dimethylan... | 19.127 | 3.1 | ng | 196371 | 4 | 17.329 | 1271980 | 20.0 |
| Phenanthrene, 3... | 19.180 | 2.2 | ng | 139478 | 4 | 17.329 | 1271980 | 20.0 |
| Pyrene, 1-methyl- | 20.079 | 2.1 | ng | 215018 | 5 | 21.595 | 2035080 | 20.0 |
| 9-Hexacosene | 21.277 | 2.3 | ng | 230805 | 5 | 21.595 | 2035080 | 20.0 |