LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064246.D
Acq On : 2 Sep 2025 15:25
Operator : RC/JU
Sample : Q2994-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PAULDING-WC1

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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064246.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.980 | 317 | 322 | 327 | rBV2 | 19475 | 29063 | 3.05% | 0.411% |
| 2 | 5.445 | 395 | 401 | 409 | rVB | 129217 | 200814 | 21.05% | 2.843% |
| 3 | 7.025 | 663 | 670 | 678 | rBV2 | 139567 | 233094 | 24.44% | 3.300% |
| 4 | 7.859 | 806 | 812 | 820 | rVB | 162299 | 272029 | 28.52% | 3.851% |
| 5 | 9.005 | 1001 | 1007 | 1018 | rBV | 78214 | 143898 | 15.09% | 2.037% |
| 6 | 10.644 | 1276 | 1286 | 1294 | rBV | 220726 | 393497 | 41.25% | 5.571% |
| 7 | 13.106 | 1697 | 1705 | 1713 | rBV | 224439 | 343856 | 36.05% | 4.868% |
| 8 | 14.481 | 1930 | 1939 | 1946 | rBV | 358848 | 549236 | 57.58% | 7.776% |
| 9 | 15.838 | 2161 | 2170 | 2175 | rVB2 | 32867 | 51150 | 5.36% | 0.724% |
| 10 | 15.968 | 2185 | 2192 | 2199 | rBV | 180540 | 283381 | 29.71% | 4.012% |
| 11 | 16.203 | 2228 | 2232 | 2237 | rBV5 | 9492 | 15938 | 1.67% | 0.226% |
| 12 | 17.219 | 2399 | 2405 | 2410 | rBV2 | 439134 | 684279 | 71.74% | 9.688% |
| 13 | 17.260 | 2410 | 2412 | 2419 | rVB | 63136 | 86773 | 9.10% | 1.229% |
| 14 | 17.354 | 2419 | 2428 | 2433 | rBV2 | 16407 | 33437 | 3.51% | 0.473% |
| 15 | 17.613 | 2467 | 2472 | 2476 | rBV7 | 9063 | 16494 | 1.73% | 0.234% |
| 16 | 17.730 | 2489 | 2492 | 2497 | rVB6 | 11263 | 17242 | 1.81% | 0.244% |
| 17 | 17.801 | 2500 | 2504 | 2510 | rBV8 | 8141 | 13857 | 1.45% | 0.196% |
| 18 | 18.095 | 2550 | 2554 | 2556 | rBV2 | 19826 | 26161 | 2.74% | 0.370% |
| 19 | 18.142 | 2556 | 2562 | 2567 | rVB5 | 37888 | 85578 | 8.97% | 1.212% |
| 20 | 18.230 | 2573 | 2577 | 2580 | rVB4 | 12090 | 17117 | 1.79% | 0.242% |
| 21 | 18.283 | 2582 | 2586 | 2591 | rBV5 | 28854 | 60173 | 6.31% | 0.852% |
| 22 | 18.711 | 2657 | 2659 | 2664 | rBV6 | 9550 | 15162 | 1.59% | 0.215% |
| 23 | 18.811 | 2671 | 2676 | 2678 | rBV5 | 12516 | 18579 | 1.95% | 0.263% |
| 24 | 18.841 | 2678 | 2681 | 2685 | rVV4 | 35516 | 48803 | 5.12% | 0.691% |
| 25 | 19.005 | 2707 | 2709 | 2710 | rBV2 | 16741 | 13952 | 1.46% | 0.198% |
| 26 | 19.146 | 2729 | 2733 | 2736 | rBV3 | 22039 | 28989 | 3.04% | 0.410% |
| 27 | 19.270 | 2749 | 2754 | 2761 | rBV | 256093 | 370967 | 38.89% | 5.252% |
| 28 | 19.634 | 2807 | 2816 | 2824 | rBV | 322998 | 529252 | 55.48% | 7.493% |
| 29 | 19.840 | 2846 | 2851 | 2862 | rVB | 405942 | 575717 | 60.36% | 8.151% |
| 30 | 20.051 | 2884 | 2887 | 2890 | rBV3 | 29736 | 42136 | 4.42% | 0.597% |
| 31 | 21.449 | 3118 | 3125 | 3130 | rBV2 | 483340 | 953879 | 100.00% | 13.505% |
| 32 | 21.491 | 3130 | 3132 | 3140 | rVB | 122865 | 188403 | 19.75% | 2.667% |
| 33 | 24.458 | 3630 | 3637 | 3646 | rBV | 265075 | 720370 | 75.52% | 10.199% |

Sum of corrected areas: 7063276

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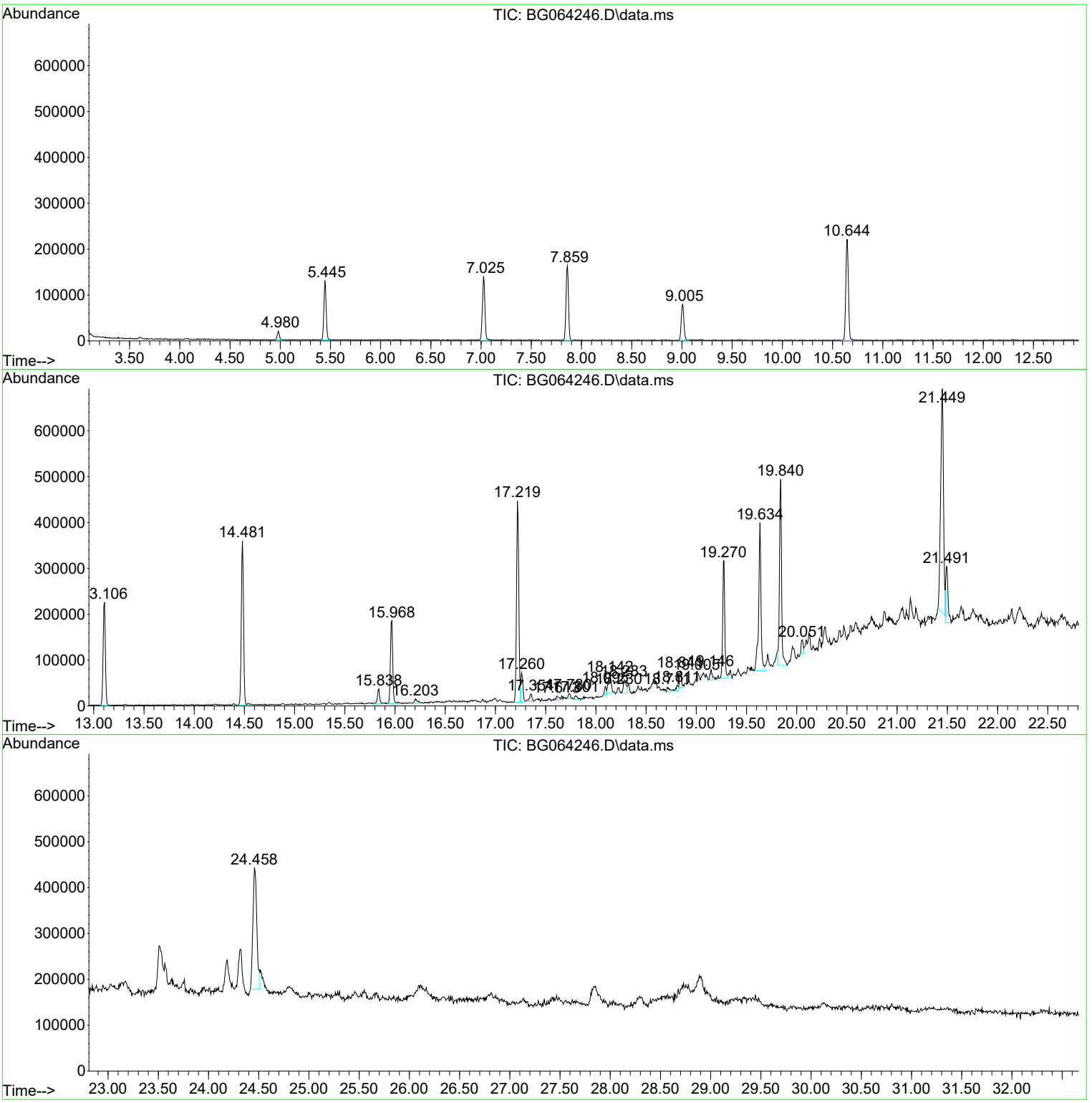
**Instrument :**
BNA_G
**ClientSampleId :**
PAULDING-WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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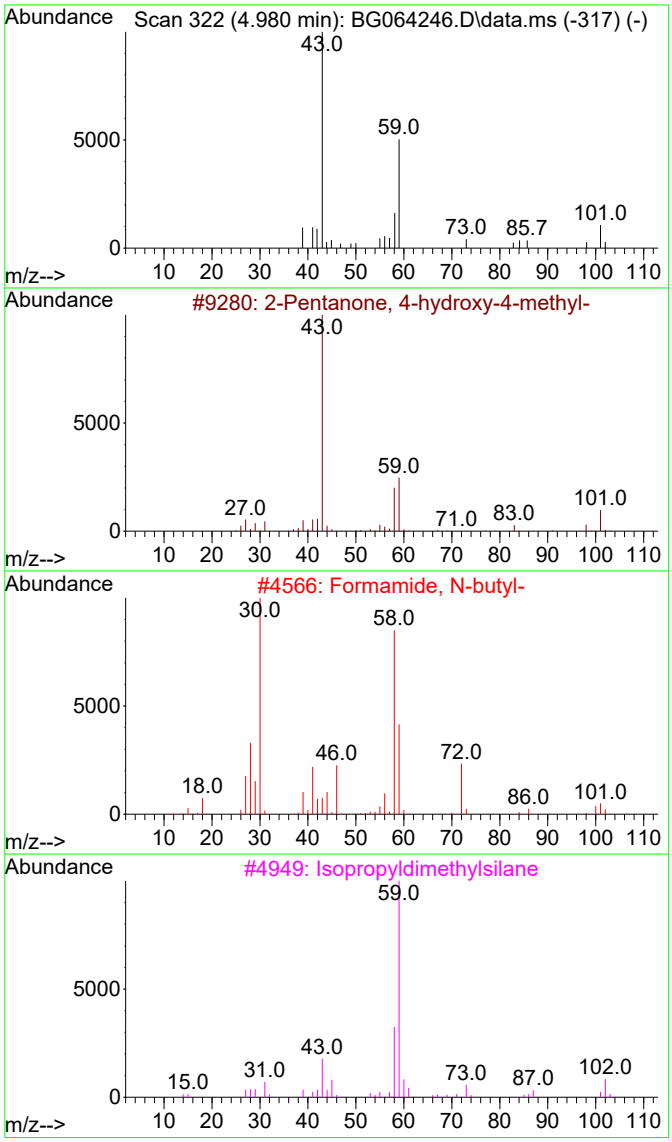
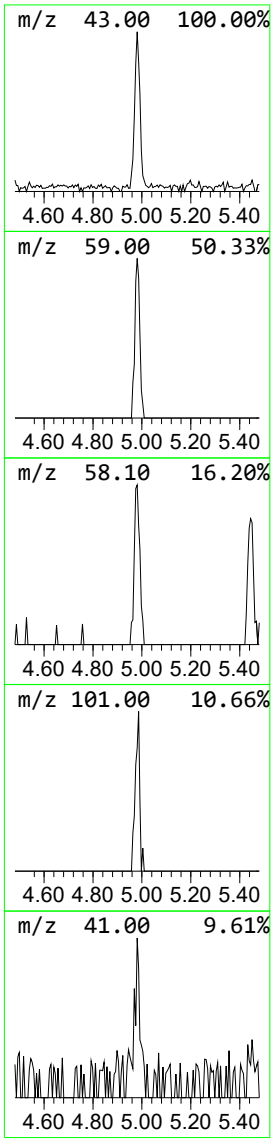
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.980 | 2.14 ng | 29063 | 1,4-Dichlorobenzene-d4 | 7.859 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | Formamide, N-butyl- | 101 | C5H11NO | 000871-71-6 | 47 |
| 3 | Isopropyldimethylsilane | 102 | C5H14Si | 1000433-69-3 | 37 |
| 4 | 2-Nonanone, 9-hydroxy- | 158 | C9H18O2 | 025368-56-3 | 25 |
| 5 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 23 |



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BNA_G
**ClientSampleId :**
PAULDING-WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

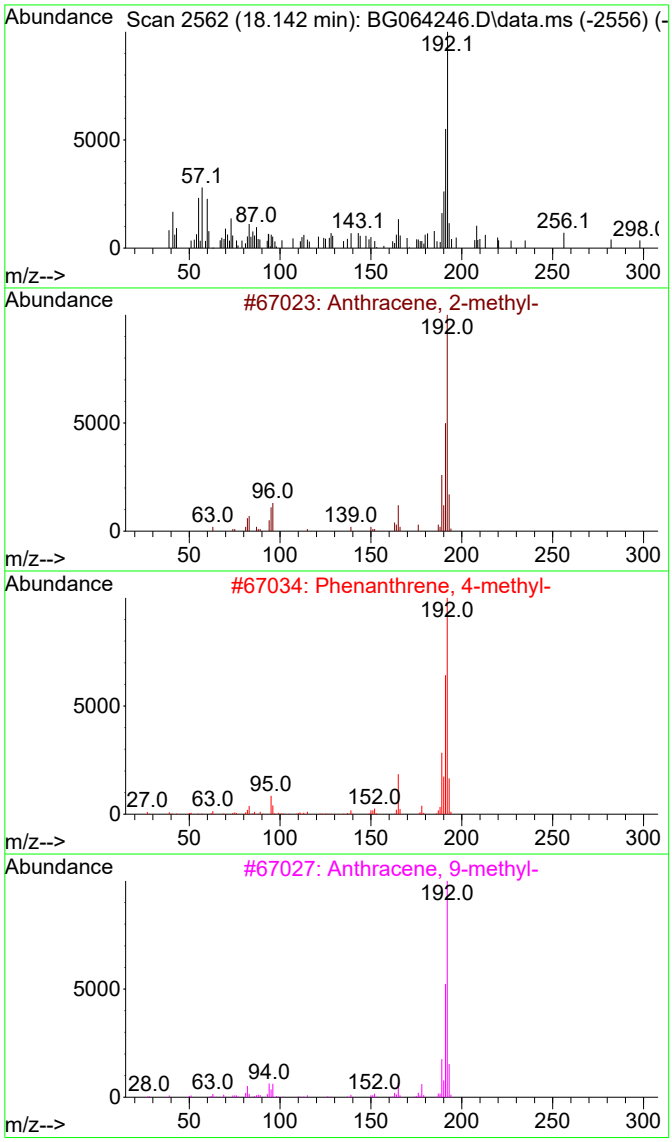
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

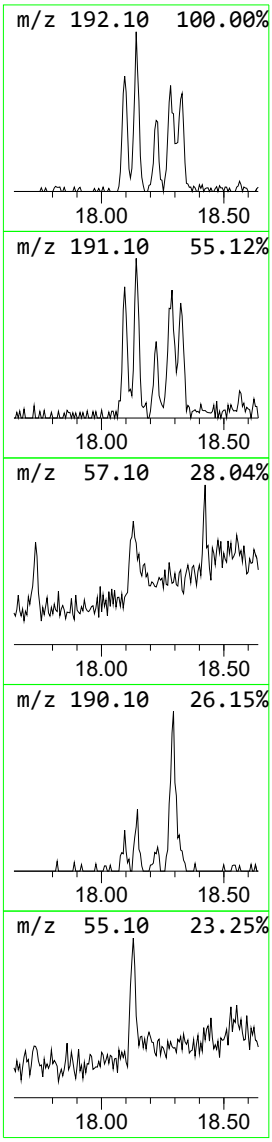
**********

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.142 | 2.50 ng | 85578 | Phenanthrene-d10 | 17.219 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 64 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 60 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 58 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 52 |
| 5 | Phenanthrene, 3-methyl- | 192 | C15H12 | 000832-71-3 | 52 |



Tentatively Identified Compound (LSC) summary

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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 |
| 2-Pentanone, 4-... | 4.980 | 2.1 | ng | 29063 | 1 | 7.859 | 272029 | 20.0 |
| Anthracene, 2-m... | 18.142 | 2.5 | ng | 85578 | 4 | 17.219 | 684279 | 20.0 |