LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055751.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.294 | 332 | 341 | 348 | rBV | 128703 | 206140 | 6.87% | 0.457% |
| 2 | 5.776 | 416 | 423 | 433 | rBV | 761850 | 1237143 | 41.20% | 2.740% |
| 3 | 7.391 | 689 | 698 | 707 | rBV | 769237 | 1333938 | 44.42% | 2.954% |
| 4 | 8.243 | 836 | 843 | 849 | rBV | 141887 | 239440 | 7.97% | 0.530% |
| 5 | 9.418 | 1035 | 1043 | 1054 | rVB | 459187 | 850711 | 28.33% | 1.884% |
| 6 | 11.069 | 1318 | 1324 | 1329 | rVV | 200827 | 378717 | 12.61% | 0.839% |
| 7 | 11.122 | 1329 | 1333 | 1340 | rVB | 168114 | 286731 | 9.55% | 0.635% |
| 8 | 12.444 | 1552 | 1558 | 1565 | rBV | 50203 | 78910 | 2.63% | 0.175% |
| 9 | 12.709 | 1598 | 1603 | 1610 | rVB | 133338 | 219349 | 7.31% | 0.486% |
| 10 | 12.926 | 1631 | 1640 | 1649 | rBV | 122049 | 224220 | 7.47% | 0.497% |
| 11 | 13.490 | 1729 | 1736 | 1747 | rVB | 1205272 | 1929599 | 64.26% | 4.273% |
| 12 | 13.666 | 1758 | 1766 | 1770 | rBV | 75356 | 122297 | 4.07% | 0.271% |
| 13 | 13.702 | 1770 | 1772 | 1778 | rVB | 36906 | 47562 | 1.58% | 0.105% |
| 14 | 13.901 | 1802 | 1806 | 1818 | rVB | 25150 | 56465 | 1.88% | 0.125% |
| 15 | 14.042 | 1822 | 1830 | 1837 | rVB3 | 66782 | 177375 | 5.91% | 0.393% |
| 16 | 14.189 | 1848 | 1855 | 1860 | rBV | 120286 | 213861 | 7.12% | 0.474% |
| 17 | 14.242 | 1860 | 1864 | 1869 | rVB | 79214 | 116418 | 3.88% | 0.258% |
| 18 | 14.318 | 1869 | 1877 | 1881 | rVB5 | 30857 | 57222 | 1.91% | 0.127% |
| 19 | 14.424 | 1890 | 1895 | 1899 | rBV2 | 63719 | 112577 | 3.75% | 0.249% |
| 20 | 14.589 | 1918 | 1923 | 1932 | rBV2 | 65207 | 117200 | 3.90% | 0.260% |
| 21 | 14.730 | 1943 | 1947 | 1952 | rBV | 84786 | 105129 | 3.50% | 0.233% |
| 22 | 14.830 | 1958 | 1964 | 1965 | rBV | 40487 | 54855 | 1.83% | 0.121% |
| 23 | 14.865 | 1965 | 1970 | 1976 | rVV | 322835 | 527509 | 17.57% | 1.168% |
| 24 | 14.929 | 1976 | 1981 | 1987 | rVV | 242937 | 385577 | 12.84% | 0.854% |
| 25 | 14.994 | 1988 | 1992 | 1998 | rVB2 | 23519 | 38365 | 1.28% | 0.085% |
| 26 | 15.065 | 1998 | 2004 | 2012 | rBV4 | 30339 | 69786 | 2.32% | 0.155% |
| 27 | 15.259 | 2029 | 2037 | 2044 | rVB2 | 216195 | 379773 | 12.65% | 0.841% |
| 28 | 15.329 | 2044 | 2049 | 2057 | rBV2 | 59955 | 109007 | 3.63% | 0.241% |
| 29 | 15.470 | 2067 | 2073 | 2078 | rBV2 | 52956 | 102964 | 3.43% | 0.228% |
| 30 | 15.529 | 2078 | 2083 | 2087 | rVB | 41208 | 63364 | 2.11% | 0.140% |
| 31 | 15.640 | 2094 | 2102 | 2105 | rBV4 | 35564 | 83084 | 2.77% | 0.184% |
| 32 | 15.676 | 2105 | 2108 | 2113 | rVB | 116389 | 147306 | 4.91% | 0.326% |
| 33 | 15.817 | 2128 | 2132 | 2136 | rVB3 | 26897 | 38501 | 1.28% | 0.085% |
| 34 | 15.911 | 2141 | 2148 | 2157 | rVB | 382568 | 622298 | 20.72% | 1.378% |
| 35 | 16.005 | 2159 | 2164 | 2166 | rBV | 23729 | 39626 | 1.32% | 0.088% |
| 36 | 16.069 | 2171 | 2175 | 2180 | rVV4 | 73308 | 143334 | 4.77% | 0.317% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 16.116 | 2180 | 2183 | 2187 | rVV2 | 32217 | 51564 | 1.72% | 0.114% |
| 38 | 16.163 | 2187 | 2191 | 2192 | rVV3 | 28243 | 38475 | 1.28% | 0.085% |
| 39 | 16.204 | 2193 | 2198 | 2205 | rVB2 | 120568 | 231397 | 7.71% | 0.512% |
| 40 | 16.351 | 2216 | 2223 | 2230 | rVB | 1012954 | 1614613 | 53.77% | 3.576% |
| 41 | 16.539 | 2249 | 2255 | 2257 | rBV | 96892 | 142472 | 4.74% | 0.316% |
| 42 | 16.910 | 2308 | 2318 | 2322 | rBV2 | 96211 | 225684 | 7.52% | 0.500% |
| 43 | 16.957 | 2322 | 2326 | 2331 | rVB2 | 55079 | 91283 | 3.04% | 0.202% |
| 44 | 17.056 | 2338 | 2343 | 2348 | rVB3 | 54686 | 99178 | 3.30% | 0.220% |
| 45 | 17.174 | 2361 | 2363 | 2371 | rVB2 | 40653 | 57786 | 1.92% | 0.128% |
| 46 | 17.262 | 2373 | 2378 | 2384 | rVV3 | 61140 | 102629 | 3.42% | 0.227% |
| 47 | 17.327 | 2385 | 2389 | 2395 | rVV | 113624 | 173005 | 5.76% | 0.383% |
| 48 | 17.380 | 2395 | 2398 | 2402 | rVV | 42258 | 62237 | 2.07% | 0.138% |
| 49 | 17.427 | 2402 | 2406 | 2413 | rVB | 140313 | 221765 | 7.39% | 0.491% |
| 50 | 17.609 | 2431 | 2437 | 2440 | rBV | 373150 | 585369 | 19.49% | 1.296% |
| 51 | 17.656 | 2440 | 2445 | 2451 | rVB | 1849141 | 2802221 | 93.32% | 6.206% |
| 52 | 17.744 | 2451 | 2460 | 2465 | rBV | 493996 | 782333 | 26.05% | 1.733% |
| 53 | 17.879 | 2479 | 2483 | 2488 | rBV5 | 23039 | 50893 | 1.69% | 0.113% |
| 54 | 18.008 | 2499 | 2505 | 2512 | rBV | 150049 | 262712 | 8.75% | 0.582% |
| 55 | 18.067 | 2512 | 2515 | 2521 | rVB | 74970 | 95231 | 3.17% | 0.211% |
| 56 | 18.120 | 2521 | 2524 | 2528 | rBV | 42940 | 57878 | 1.93% | 0.128% |
| 57 | 18.190 | 2532 | 2536 | 2542 | rVB | 84084 | 124566 | 4.15% | 0.276% |
| 58 | 18.337 | 2555 | 2561 | 2567 | rVB | 49905 | 104144 | 3.47% | 0.231% |
| 59 | 18.478 | 2579 | 2585 | 2589 | rVV2 | 391720 | 708903 | 23.61% | 1.570% |
| 60 | 18.531 | 2589 | 2594 | 2599 | rVB | 436188 | 653342 | 21.76% | 1.447% |
| 61 | 18.608 | 2602 | 2607 | 2612 | rBV | 146180 | 219266 | 7.30% | 0.486% |
| 62 | 18.678 | 2612 | 2619 | 2622 | rBV2 | 463074 | 906045 | 30.17% | 2.006% |
| 63 | 18.707 | 2622 | 2624 | 2629 | rVB | 231210 | 298172 | 9.93% | 0.660% |
| 64 | 18.754 | 2629 | 2632 | 2639 | rVB3 | 61692 | 93748 | 3.12% | 0.208% |
| 65 | 18.966 | 2663 | 2668 | 2672 | rBV | 199330 | 288845 | 9.62% | 0.640% |
| 66 | 19.019 | 2672 | 2677 | 2686 | rVB2 | 89053 | 173600 | 5.78% | 0.384% |
| 67 | 19.095 | 2687 | 2690 | 2694 | rBV3 | 24158 | 41275 | 1.37% | 0.091% |
| 68 | 19.213 | 2702 | 2710 | 2713 | rBV3 | 92143 | 165811 | 5.52% | 0.367% |
| 69 | 19.260 | 2715 | 2718 | 2722 | rVV | 108196 | 155549 | 5.18% | 0.344% |
| 70 | 19.301 | 2722 | 2725 | 2728 | rVB2 | 76703 | 95810 | 3.19% | 0.212% |
| 71 | 19.383 | 2733 | 2739 | 2744 | rBV2 | 289779 | 497864 | 16.58% | 1.103% |
| 72 | 19.448 | 2744 | 2750 | 2753 | rBV4 | 90977 | 185531 | 6.18% | 0.411% |
| 73 | 19.524 | 2758 | 2763 | 2777 | rBV5 | 105808 | 286951 | 9.56% | 0.635% |
| 74 | 19.653 | 2778 | 2785 | 2790 | rBV | 2070068 | 3002699 | 100.00% | 6.650% |
| 75 | 19.700 | 2790 | 2793 | 2795 | rBV | 54465 | 66308 | 2.21% | 0.147% |
| 76 | 19.741 | 2796 | 2800 | 2804 | rVB4 | 102785 | 168223 | 5.60% | 0.373% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.888 | 2823 | 2825 | 2828 | rVB | 43100 | 44242 | 1.47% | 0.098% |
| 78 | 19.977 | 2833 | 2840 | 2842 | rBV2 | 346453 | 548889 | 18.28% | 1.216% |
| 79 | 20.012 | 2842 | 2846 | 2853 | rVV | 1786990 | 2757590 | 91.84% | 6.107% |
| 80 | 20.076 | 2853 | 2857 | 2862 | rVB | 173040 | 251797 | 8.39% | 0.558% |
| 81 | 20.194 | 2872 | 2877 | 2882 | rVB | 1884459 | 2529460 | 84.24% | 5.602% |
| 82 | 20.341 | 2894 | 2902 | 2906 | rBV4 | 176099 | 438590 | 14.61% | 0.971% |
| 83 | 20.499 | 2918 | 2929 | 2934 | rVB | 435810 | 928781 | 30.93% | 2.057% |
| 84 | 20.593 | 2941 | 2945 | 2949 | rBV | 370837 | 514001 | 17.12% | 1.138% |
| 85 | 20.658 | 2952 | 2956 | 2959 | rVB | 222657 | 311938 | 10.39% | 0.691% |
| 86 | 20.799 | 2976 | 2980 | 2983 | rBV | 170758 | 243952 | 8.12% | 0.540% |
| 87 | 20.840 | 2984 | 2987 | 2997 | rVB2 | 190084 | 338684 | 11.28% | 0.750% |
| 88 | 21.275 | 3058 | 3061 | 3068 | rVB2 | 120229 | 196356 | 6.54% | 0.435% |
| 89 | 21.469 | 3091 | 3094 | 3097 | rBV | 100848 | 129026 | 4.30% | 0.286% |
| 90 | 21.510 | 3097 | 3101 | 3106 | rVB2 | 191915 | 298712 | 9.95% | 0.662% |
| 91 | 21.563 | 3107 | 3110 | 3115 | rVB2 | 131659 | 207946 | 6.93% | 0.461% |
| 92 | 21.892 | 3160 | 3166 | 3173 | rBV3 | 973527 | 2302240 | 76.67% | 5.098% |
| 93 | 21.957 | 3173 | 3177 | 3189 | rVB | 740255 | 1359385 | 45.27% | 3.010% |
| 94 | 22.121 | 3200 | 3205 | 3211 | rBV | 166068 | 277260 | 9.23% | 0.614% |
| 95 | 22.333 | 3238 | 3241 | 3248 | rVB2 | 91498 | 174452 | 5.81% | 0.386% |
| 96 | 22.673 | 3296 | 3299 | 3305 | rVB | 137337 | 217312 | 7.24% | 0.481% |
| 97 | 24.236 | 3557 | 3565 | 3573 | rBV2 | 412340 | 1529786 | 50.95% | 3.388% |
| 98 | 25.006 | 3690 | 3696 | 3710 | rVB | 271723 | 824747 | 27.47% | 1.826% |
| 99 | 25.165 | 3715 | 3723 | 3739 | rVB | 426187 | 1313746 | 43.75% | 2.909% |
| 100 | 25.323 | 3743 | 3750 | 3758 | rBV3 | 183968 | 515590 | 17.17% | 1.142% |

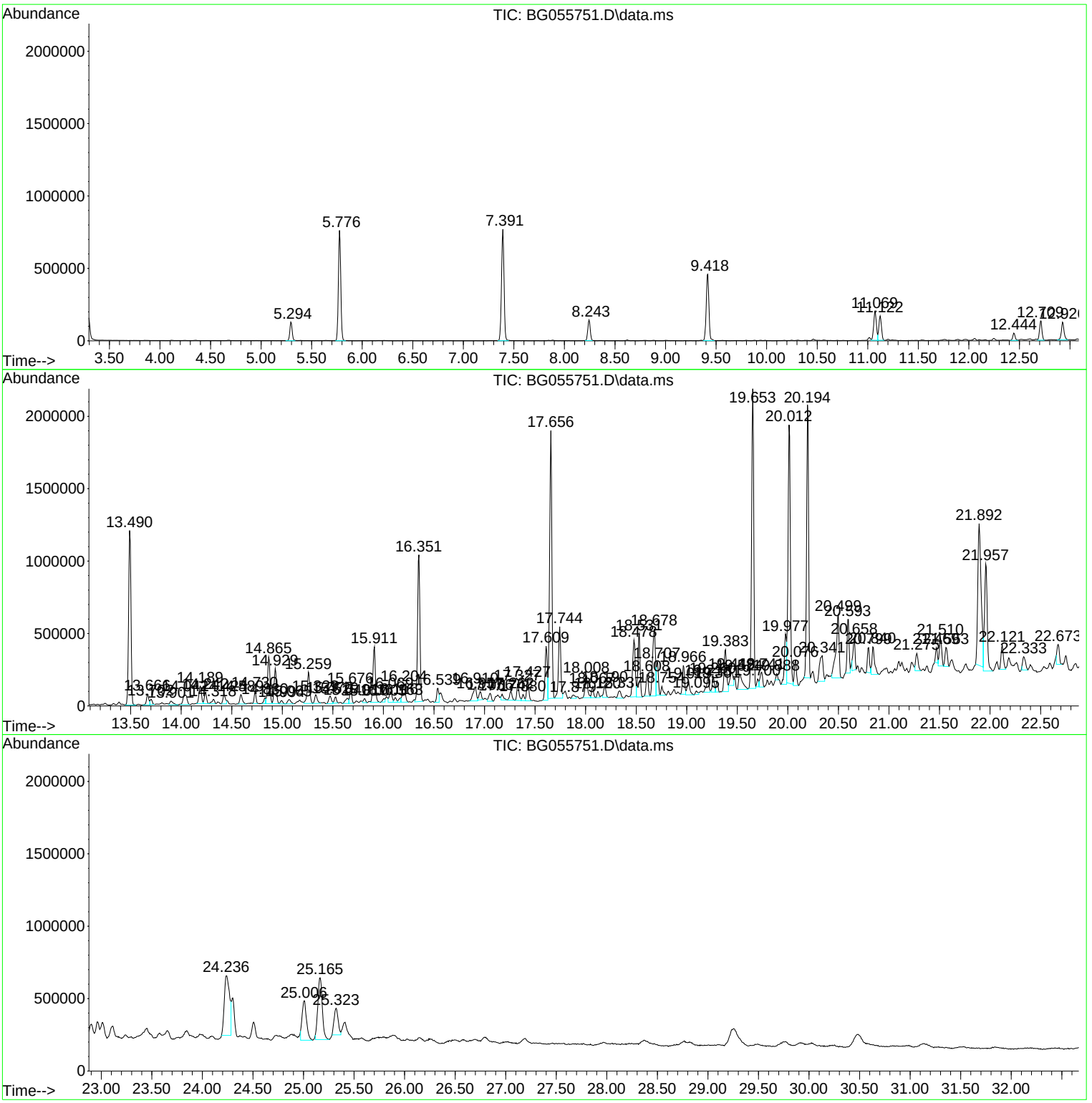
Sum of corrected areas: 45156212

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

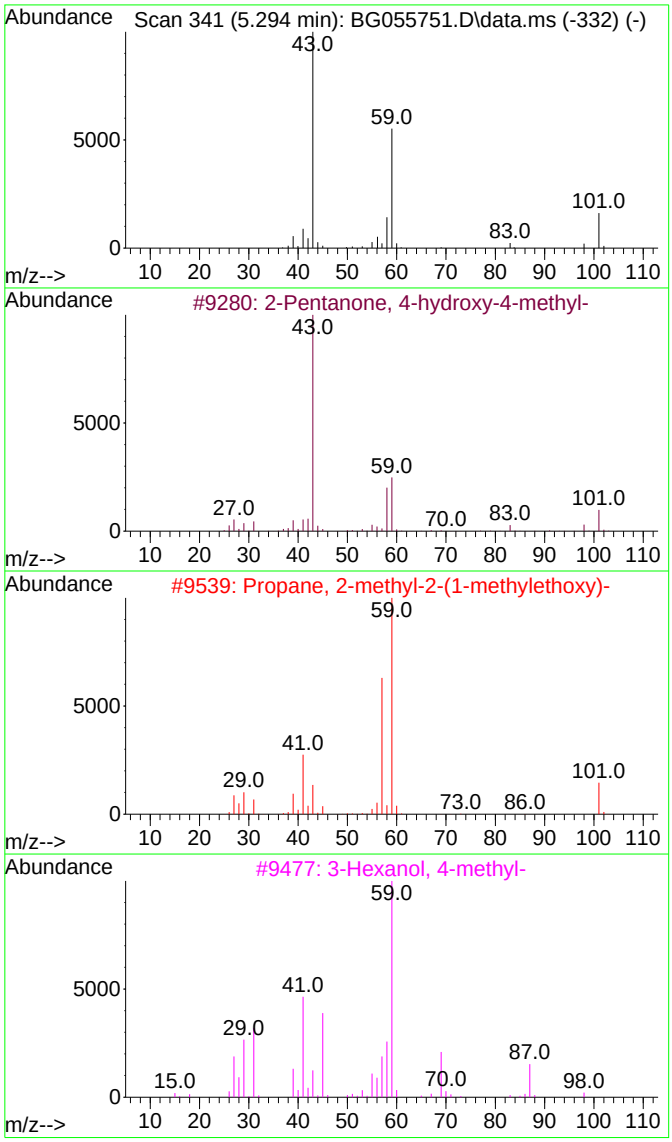
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

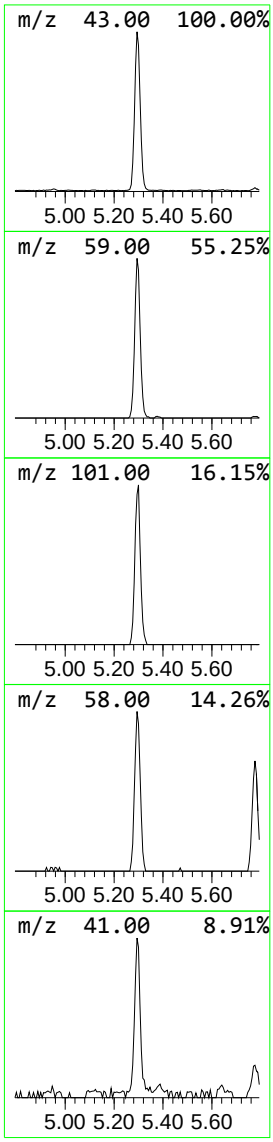
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.294 | 17.22 ng | 206140 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 42 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |
| 5 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

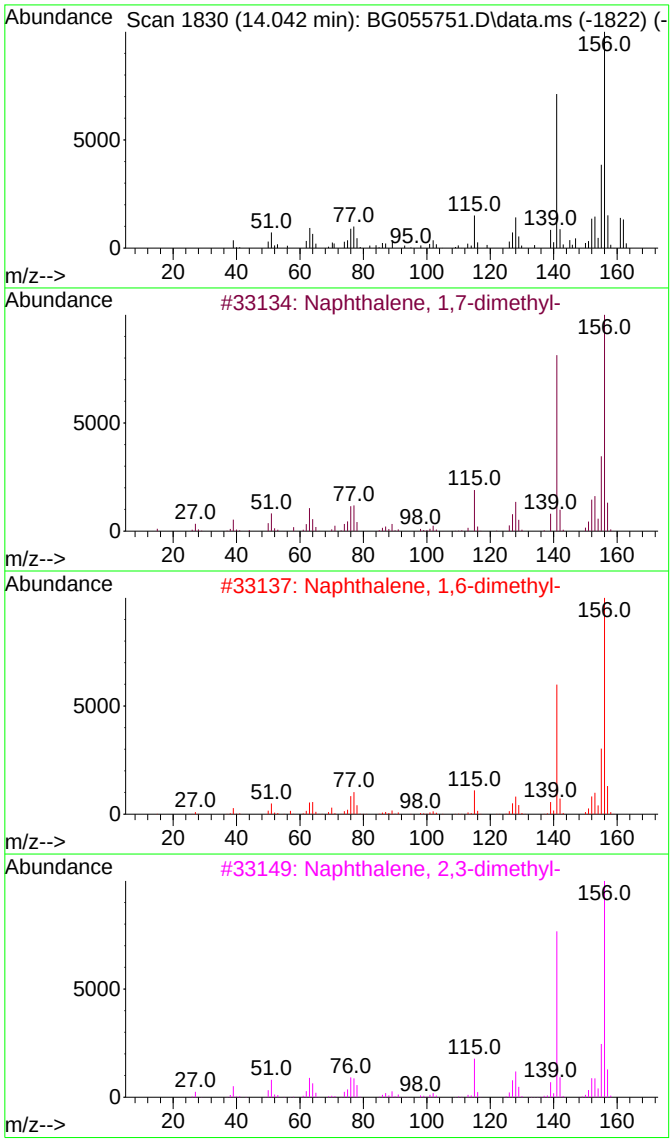
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

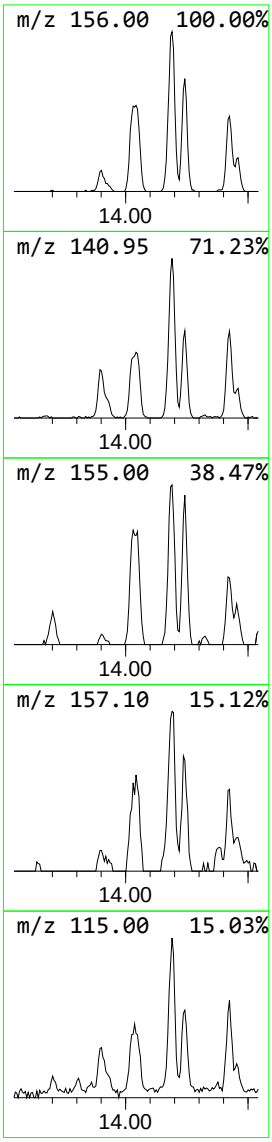
**********

Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.042 | 6.72 ng | 177375 | Acenaphthene-d10 | 14.865 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 98 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

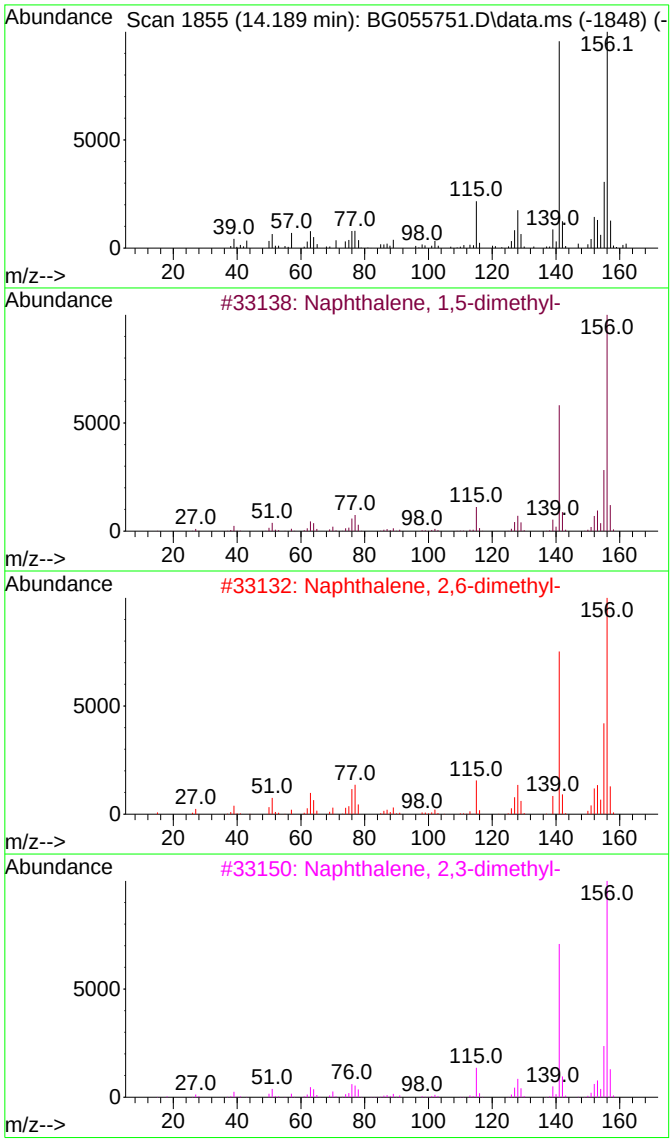
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

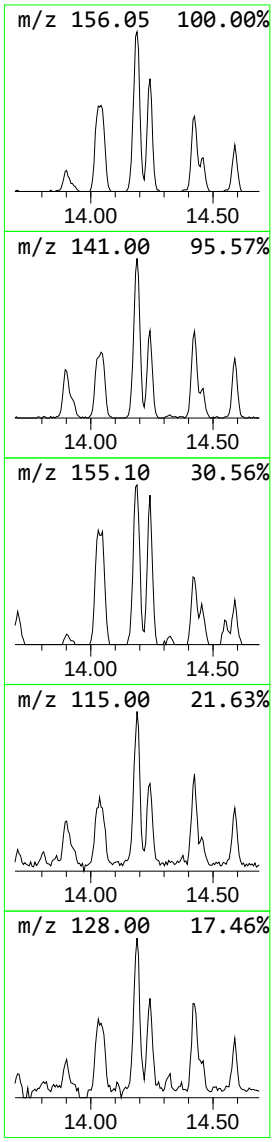
**********

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.189 | 8.11 ng | 213861 | Acenaphthene-d10 | 14.865 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 97 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

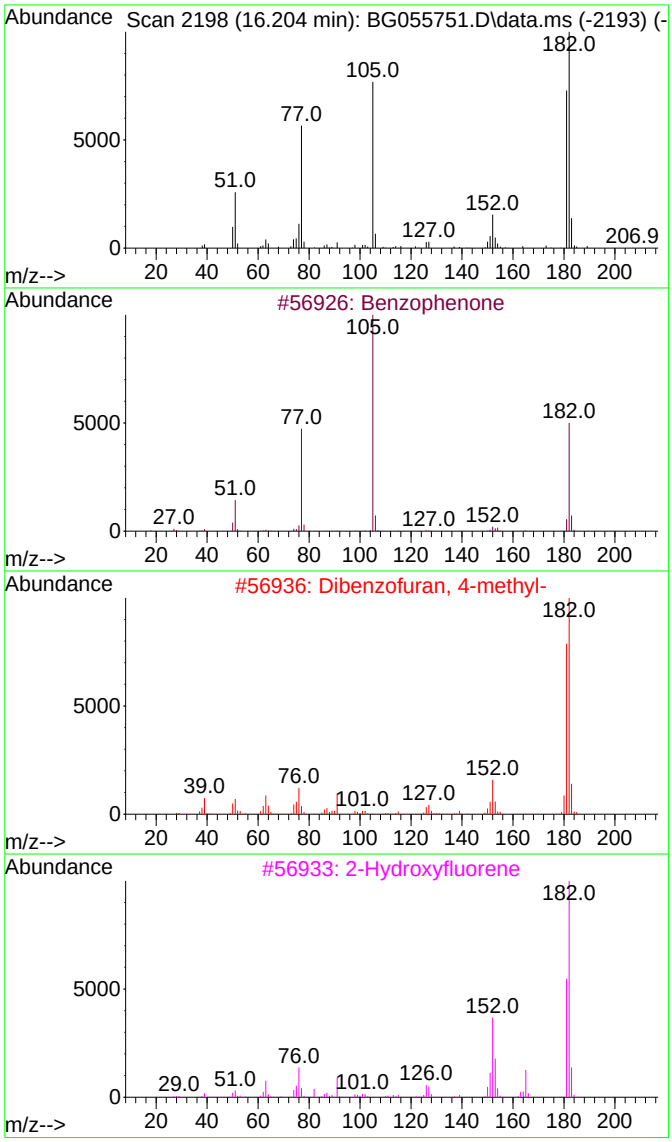
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

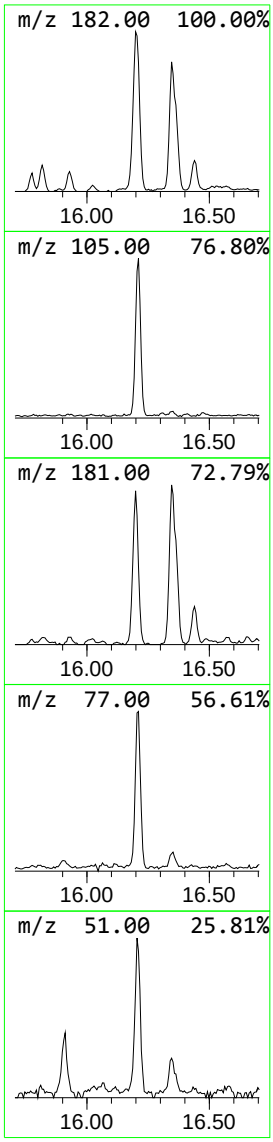
**********

Peak Number 4 Benzophenone Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.204 | 8.77 ng | 231397 | Acenaphthene-d10 | 14.865 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 81 |
| 2 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 64 |
| 3 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 58 |
| 4 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 53 |
| 5 | Benzaldehyde, 4-hydroxy-3,5-dime... | 182 | C9H10O4 | 000134-96-3 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

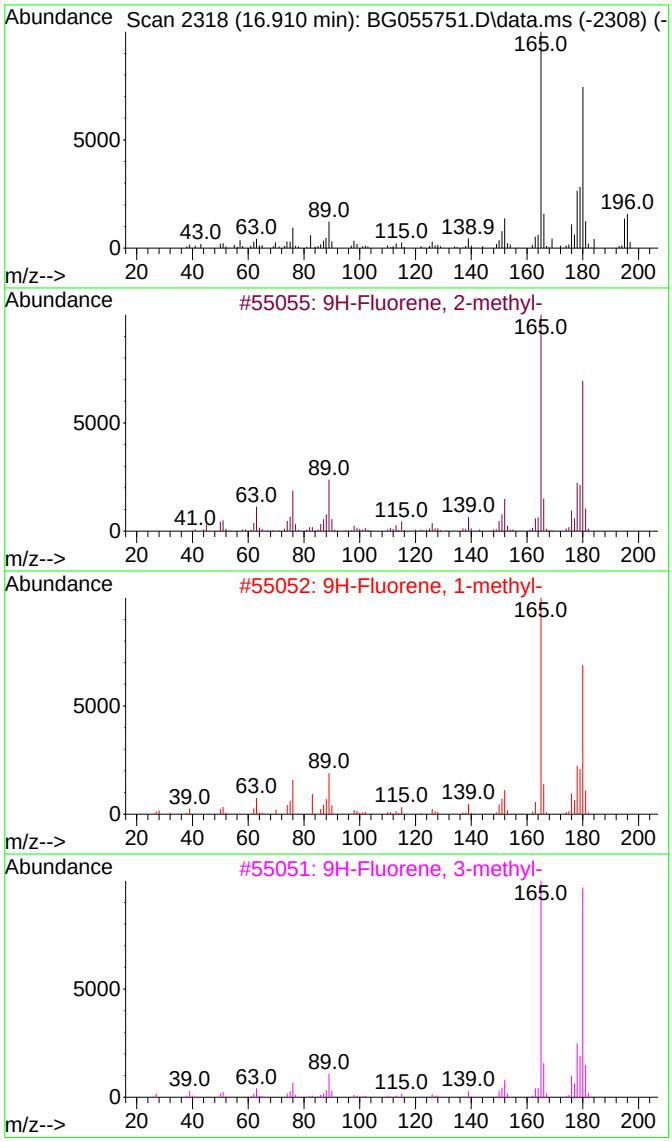
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

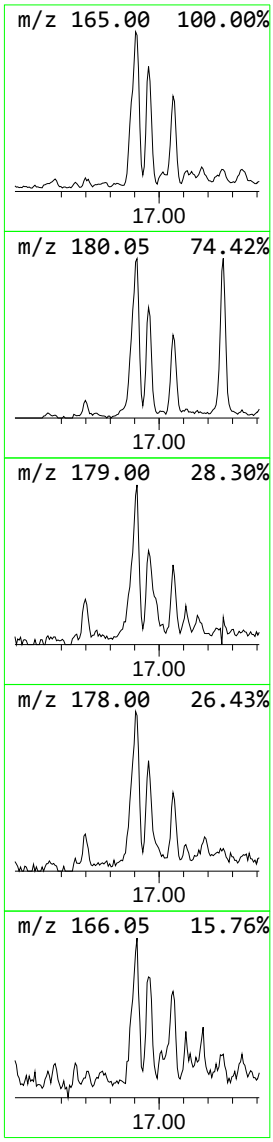
**********

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.910 | 7.71 ng | 225684 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 96 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 96 |
| 3 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 93 |
| 4 | 4a,9a-Methano-9H-fluorene | 180 | C14H12 | 019540-84-2 | 92 |
| 5 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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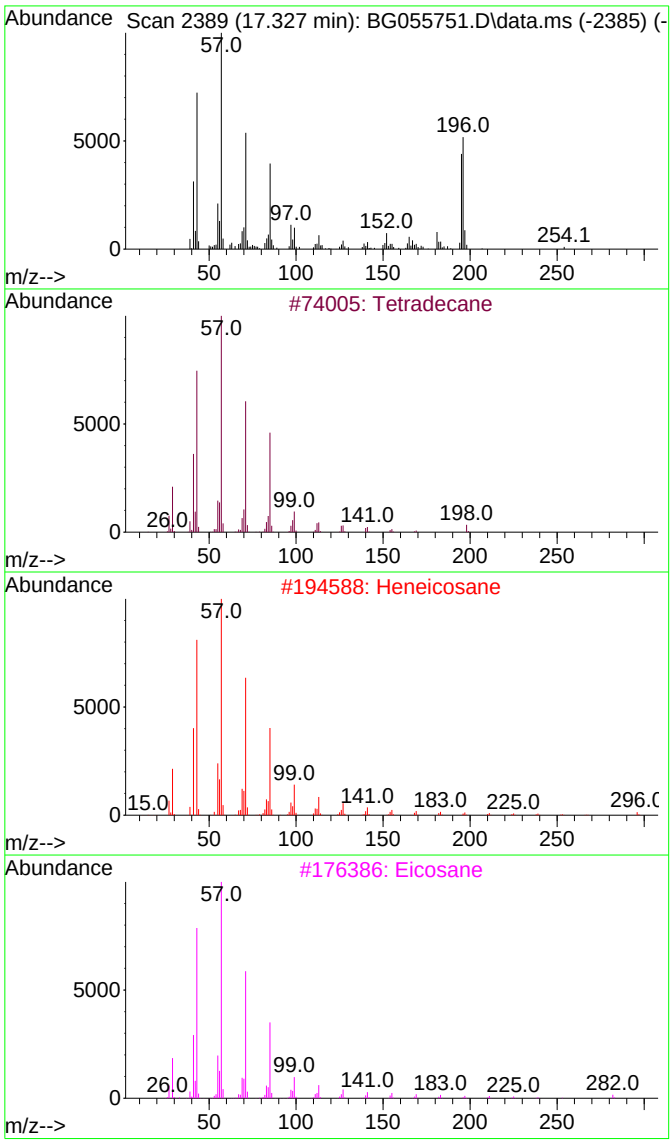
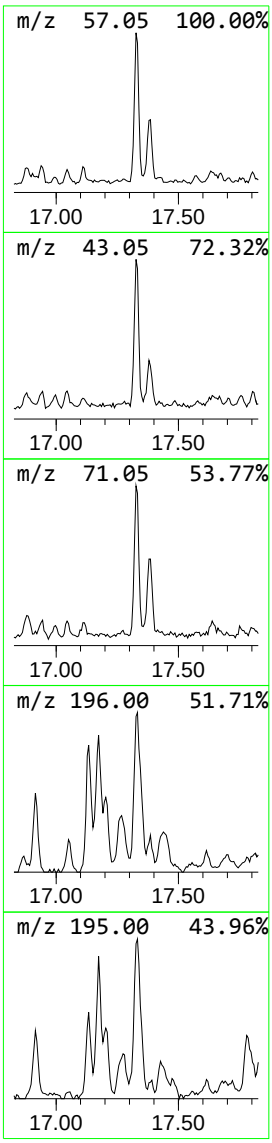
Peak Number 6 Tetradecane Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.327 | 5.91 ng | 173005 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 49 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 49 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 49 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 49 |



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Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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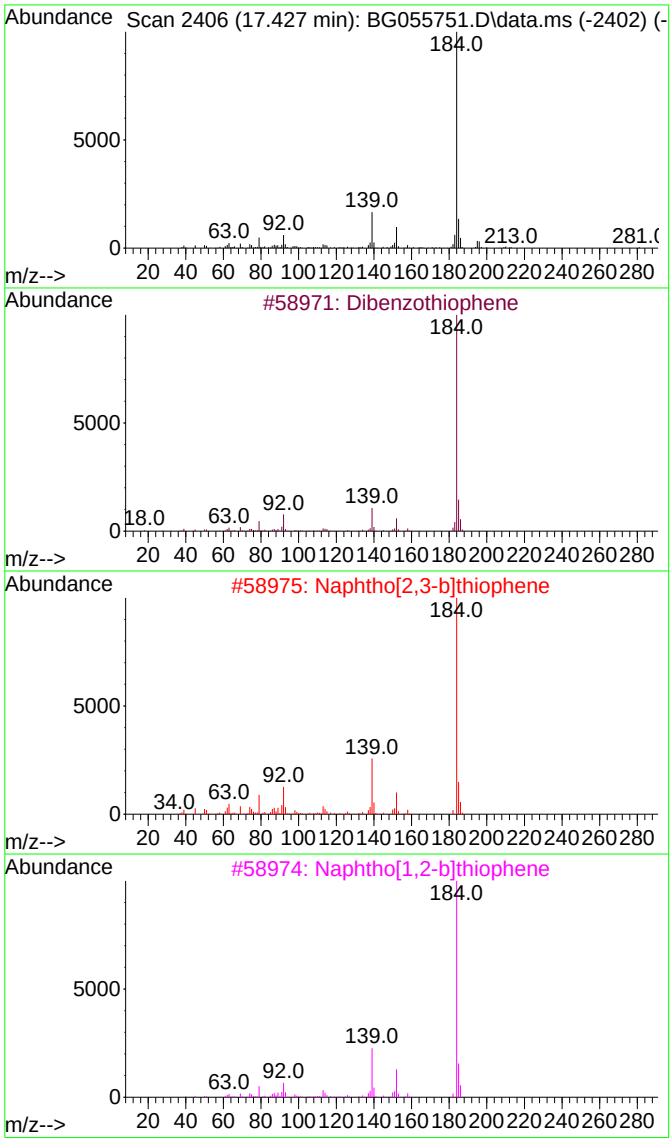
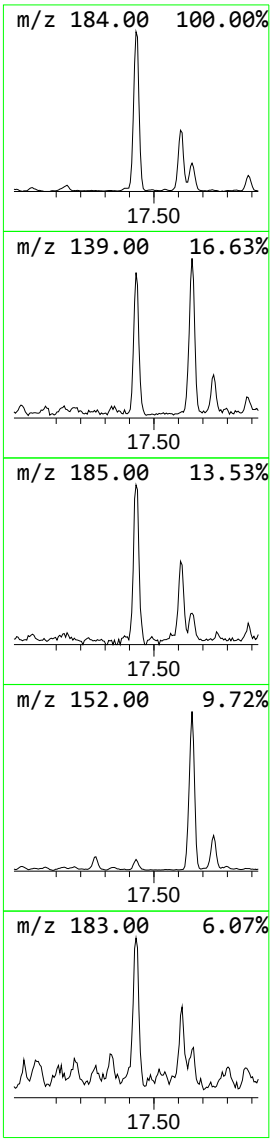
Peak Number 7 Dibenzothiophene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.427 | 7.58 ng | 221765 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 94 |
| 3 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 94 |
| 4 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 91 |
| 5 | Thianthrene, 5-oxide | 232 | C12H8OS2 | 002362-50-7 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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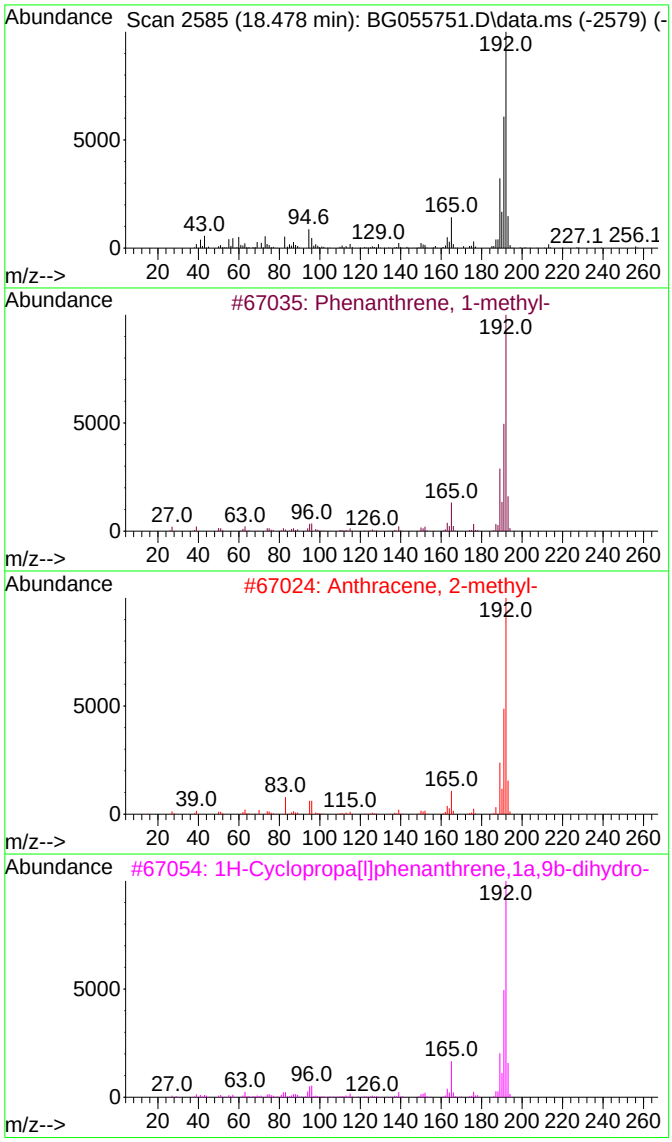
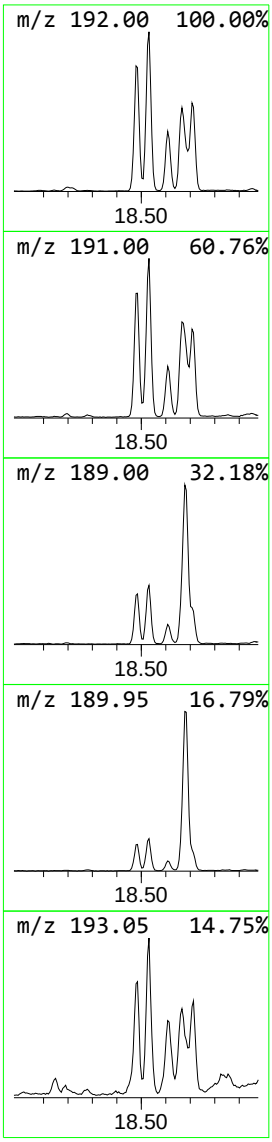
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.478 | 24.22 ng | 708903 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 94 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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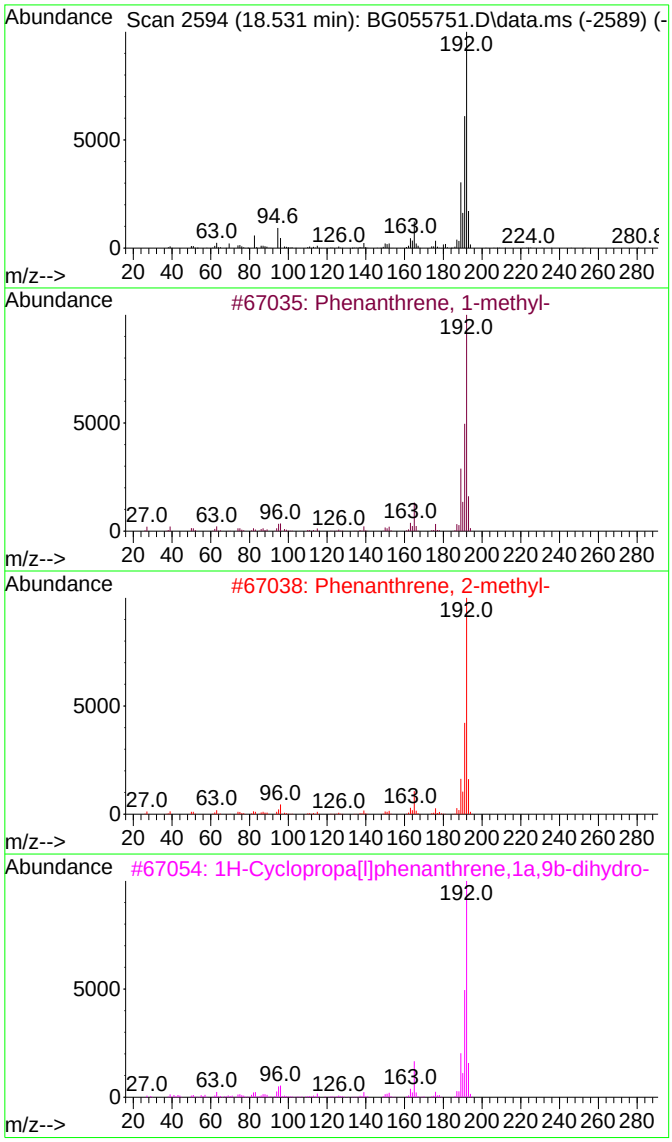
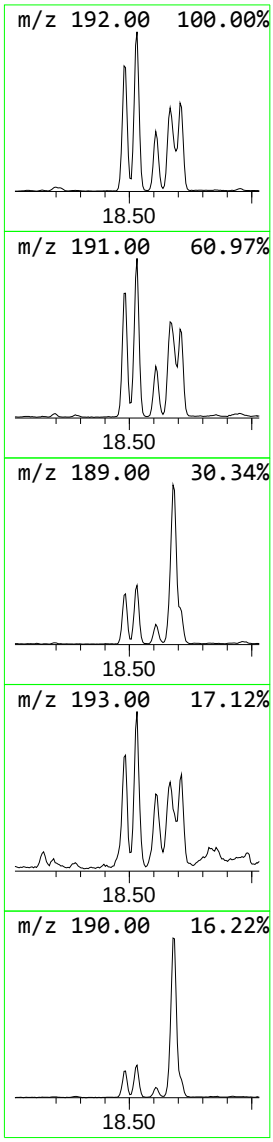
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.531 | 22.32 ng | 653342 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 5 | 1H-Indene, 1-phenyl- | 192 | C15H12 | 001961-96-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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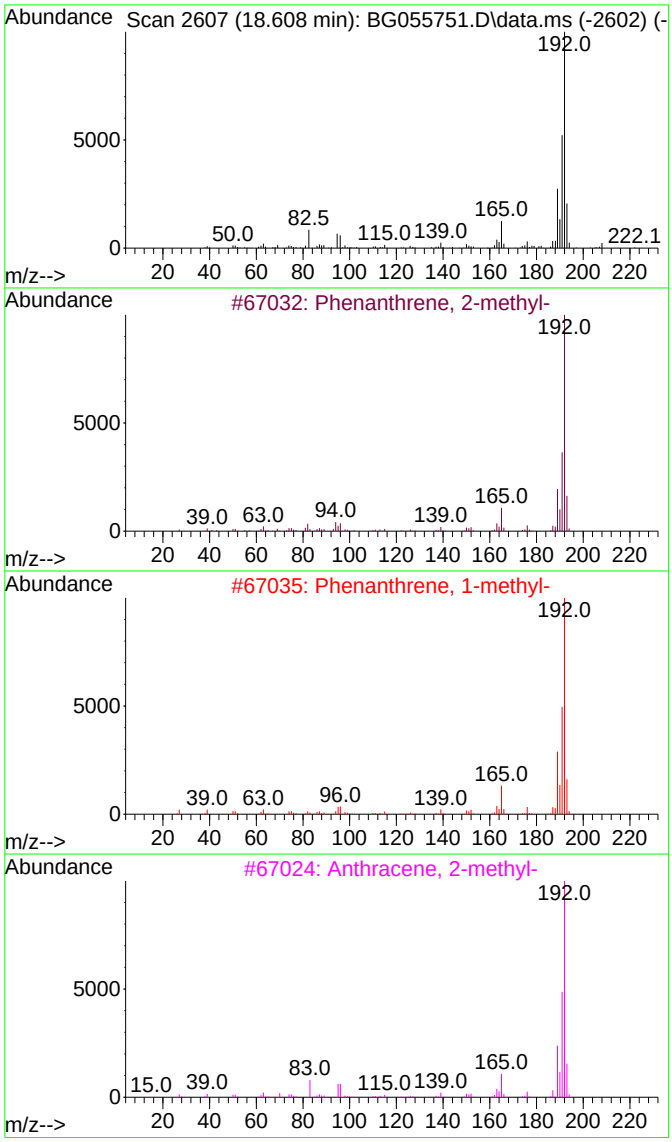
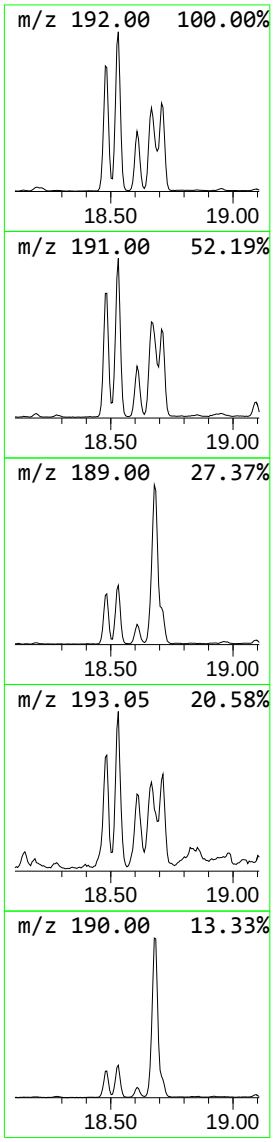
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.608 | 7.49 ng | 219266 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 94 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 93 |



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Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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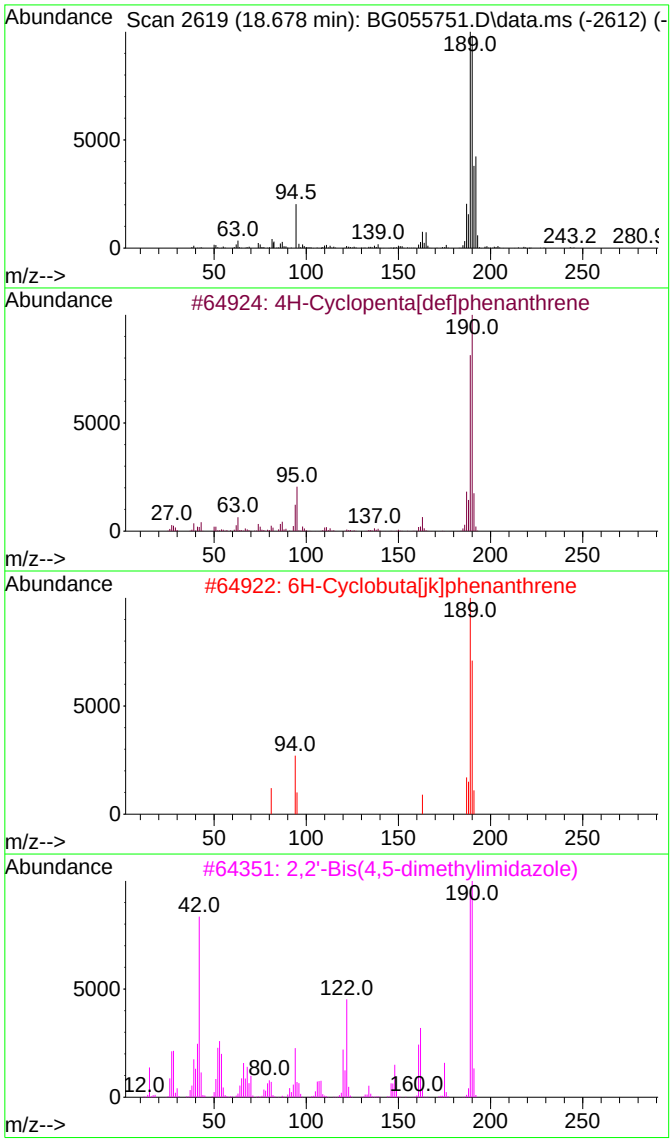
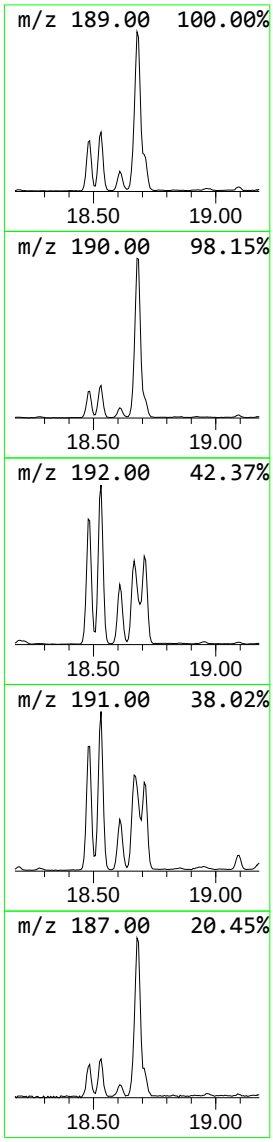
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.678 | 30.96 ng | 906045 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 62 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 45 |
| 3 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 42 |
| 4 | 2,4(1H,3H)-Pyrimidinedione, 5-br... | 190 | C4H3BrN2O2 | 000051-20-7 | 38 |
| 5 | 4-Bromothiophene-2-aldehyde | 190 | C5H3BrOS | 018791-75-8 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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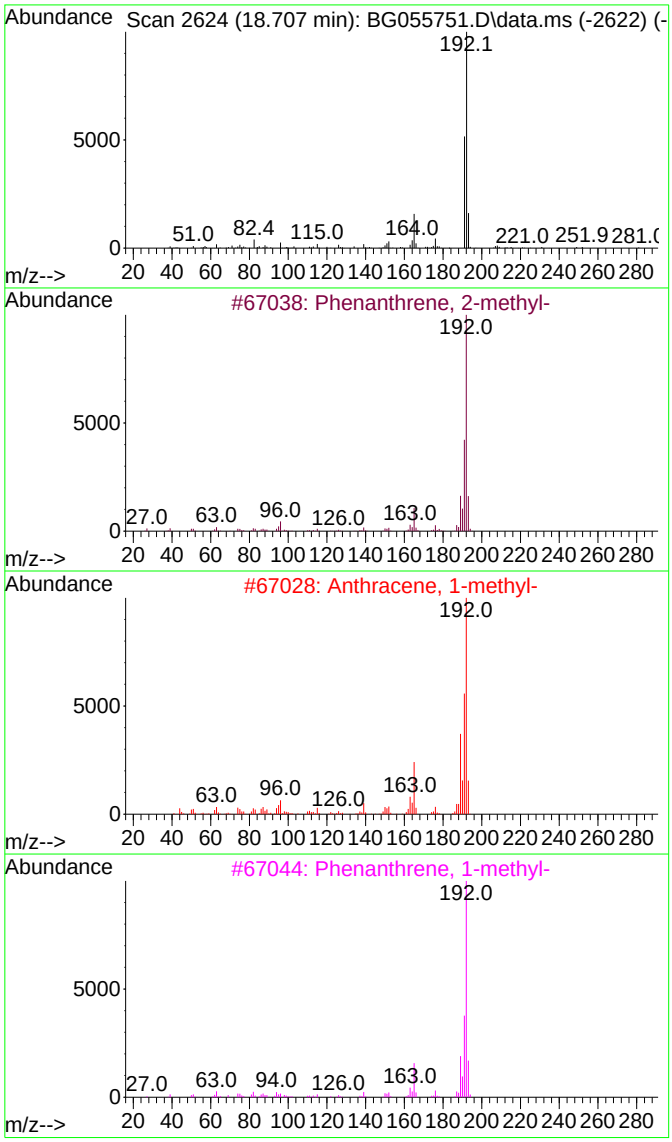
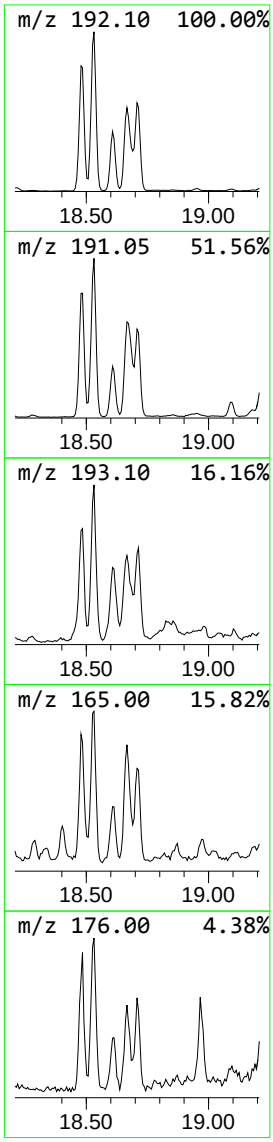
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.707 | 10.19 ng | 298172 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 90 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 87 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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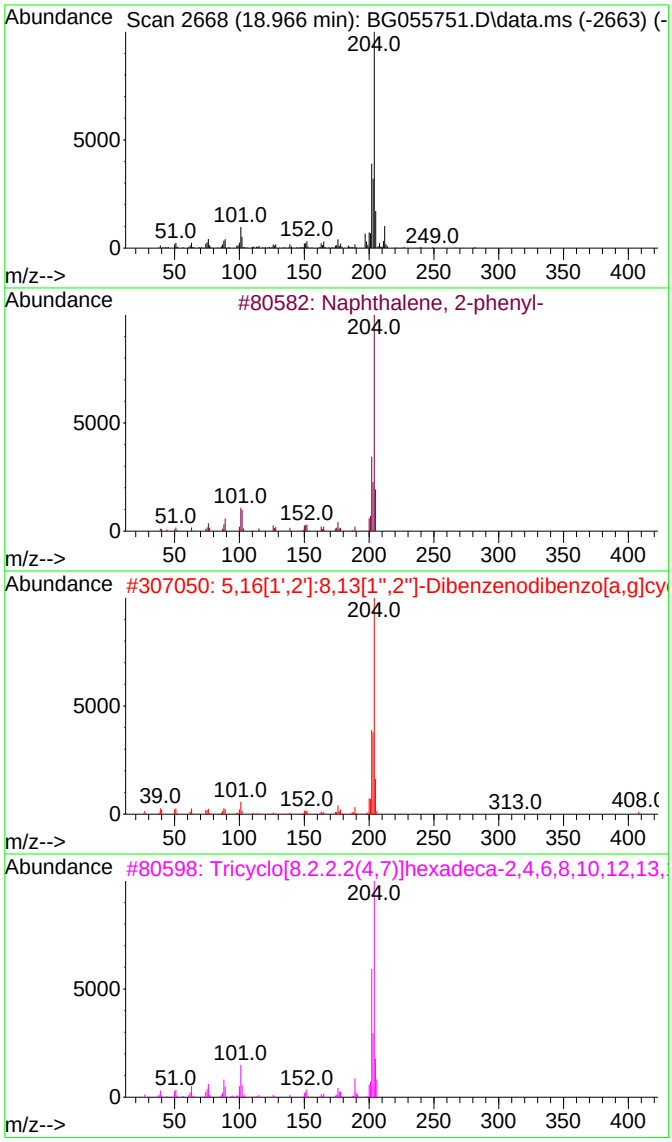
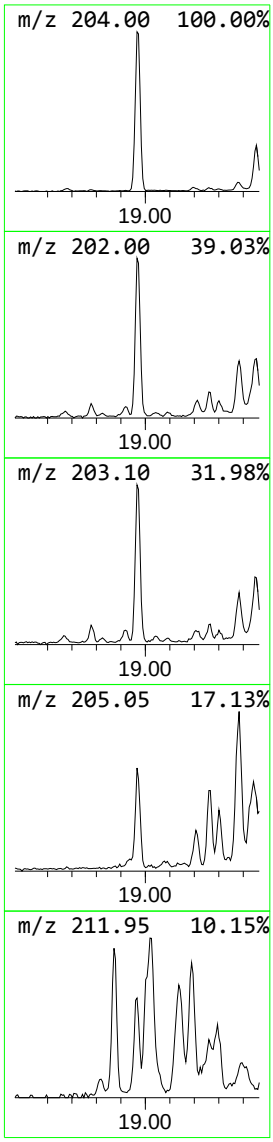
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.966 | 9.87 ng | 288845 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 91 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 87 |
| 3 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 52 |
| 4 | Acephenanthrylene, 4,5-dihydro- | 204 | C16H12 | 006232-48-0 | 46 |
| 5 | Benzene, 1,1'-(1-buten-3-yne-1,4... | 204 | C16H12 | 013141-45-2 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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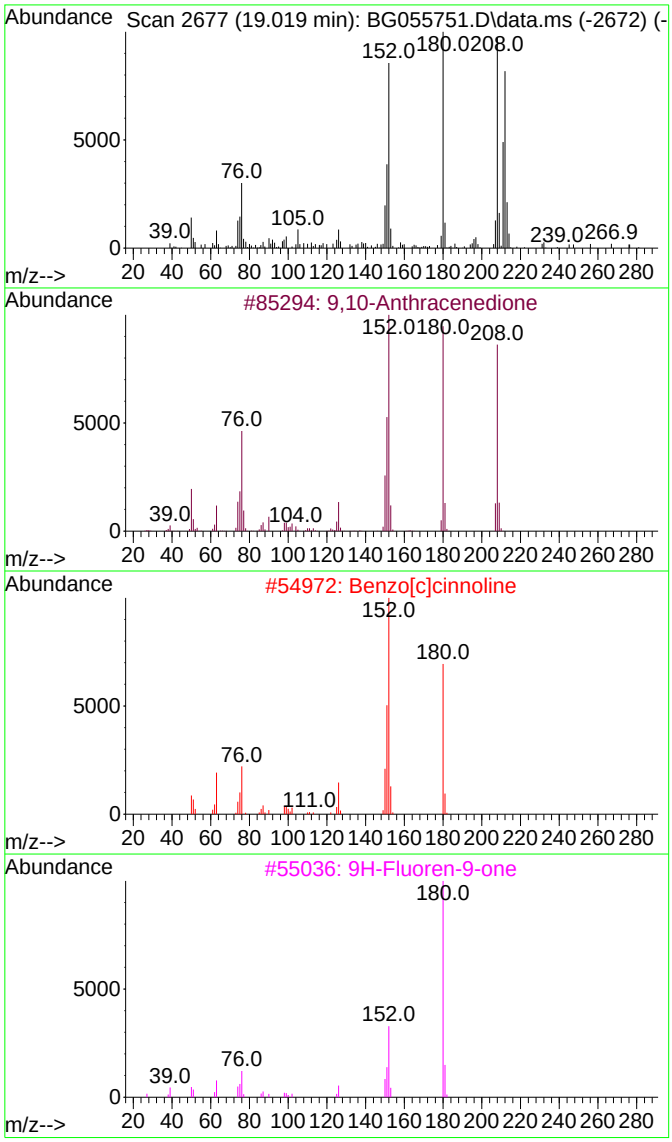
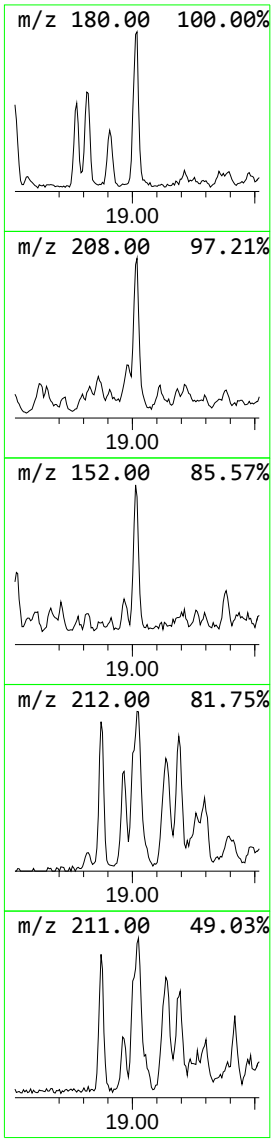
Peak Number 14 9,10-Anthracenedione Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.019 | 5.93 ng | 173600 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 97 |
| 2 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 50 |
| 3 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 50 |
| 4 | 1,4-Anthracenedione | 208 | C14H8O2 | 000635-12-1 | 46 |
| 5 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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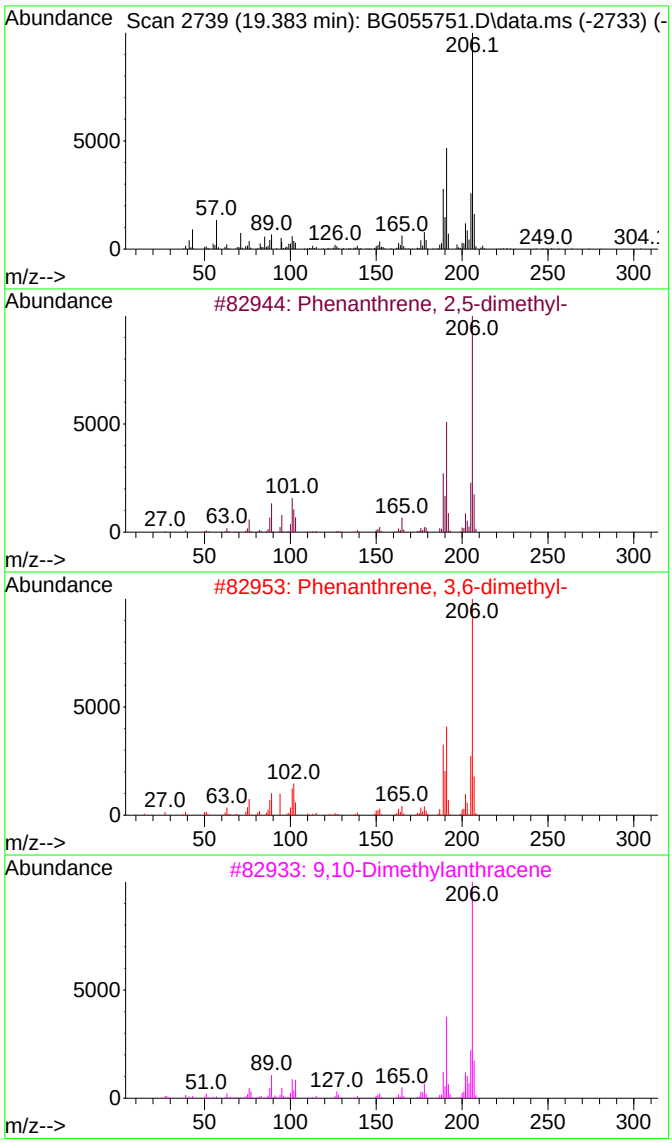
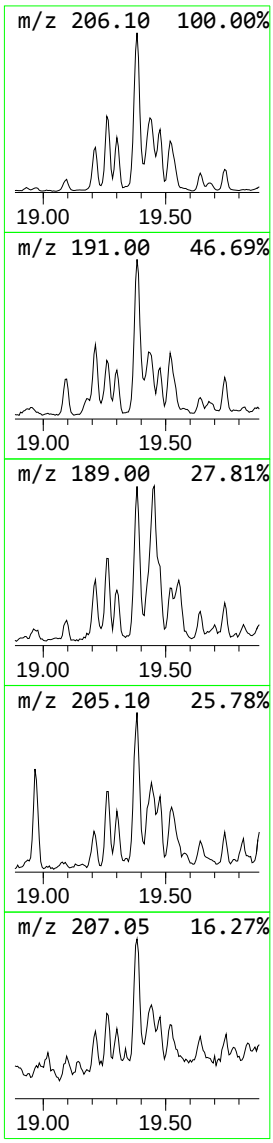
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.383 | 17.01 ng | 497864 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 96 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 4 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 91 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

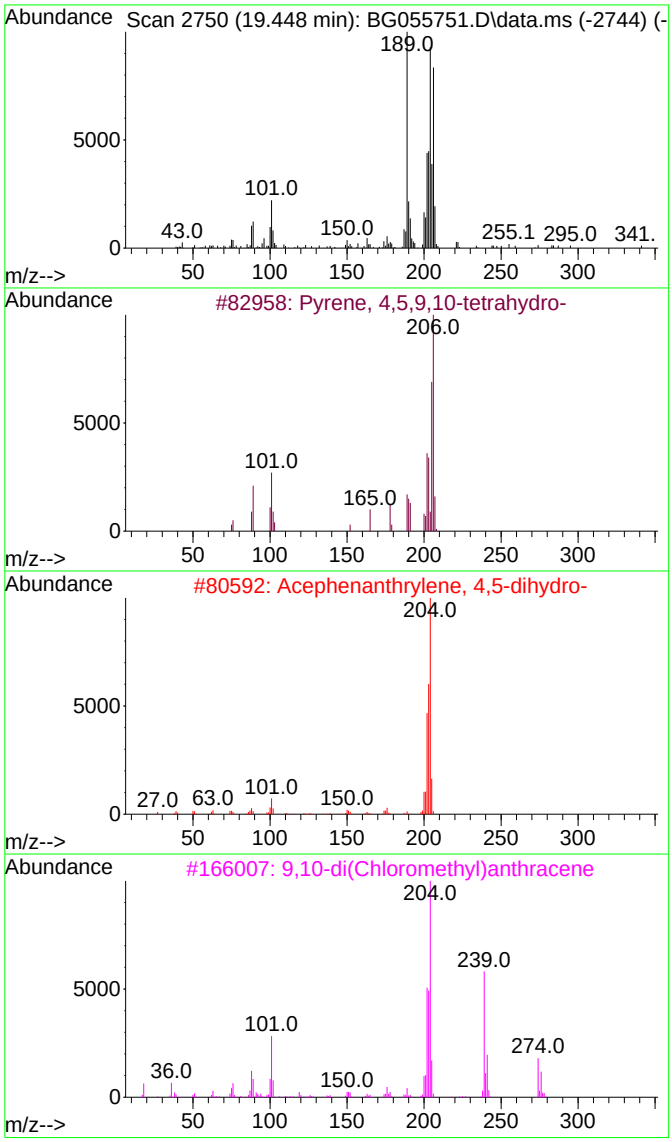
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

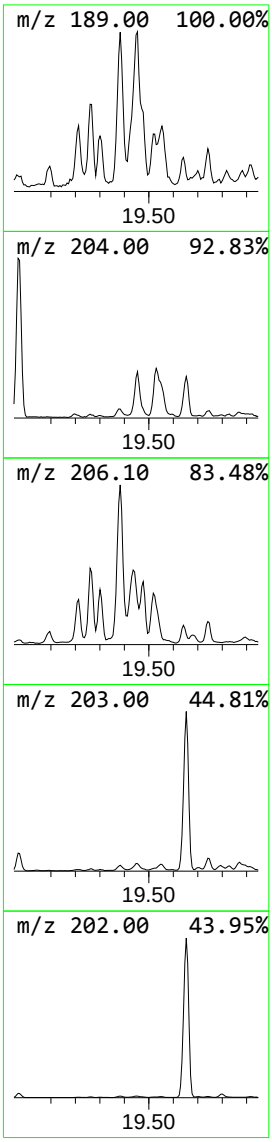
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.448 | 6.34 ng | 185531 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 4,5,9,10-tetrahydro- | 206 | C16H14 | 000781-17-9 | 56 |
| 2 | Acephenanthrylene, 4,5-dihydro- | 204 | C16H12 | 006232-48-0 | 38 |
| 3 | 9,10-di(Chloromethyl)anthracene | 274 | C16H12Cl2 | 010387-13-0 | 35 |
| 4 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 35 |
| 5 | Quinoline, 8-methoxy-5-nitro- | 204 | C10H8N2O3 | 1000298-88-7 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

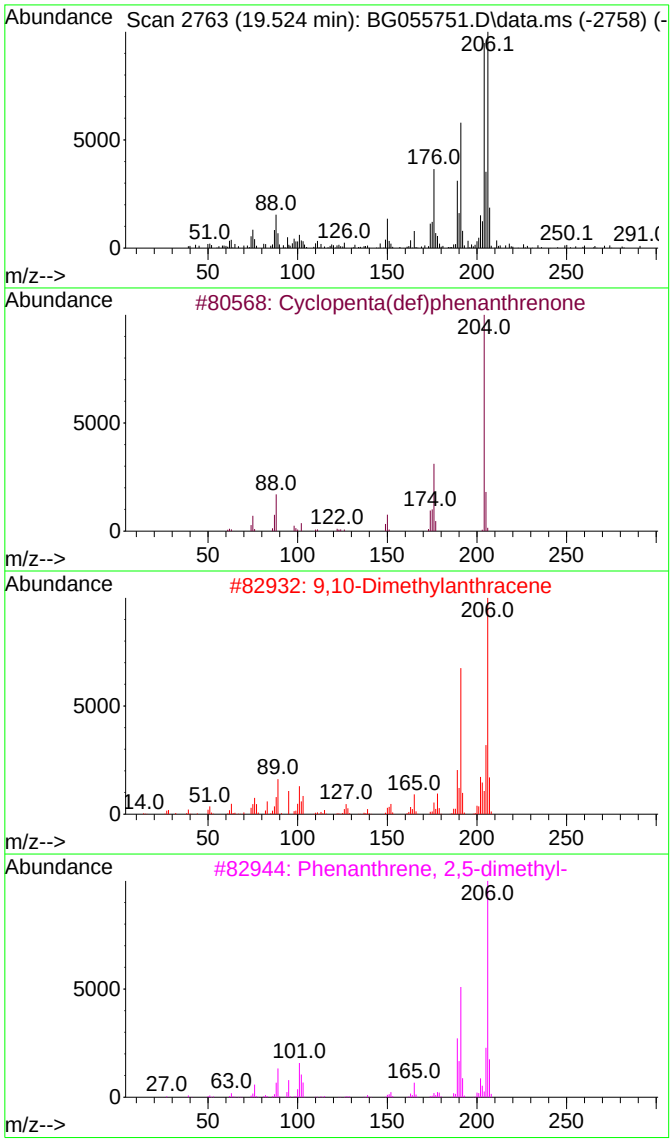
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

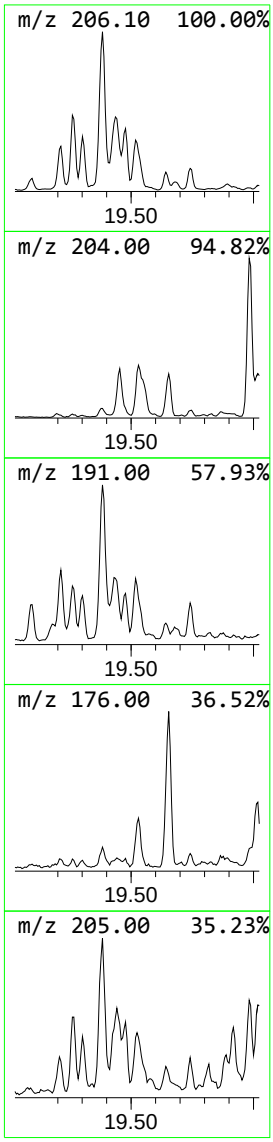
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.524 | 9.80 ng | 286951 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 78 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 70 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 55 |
| 4 | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14 | 086544-79-8 | 55 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

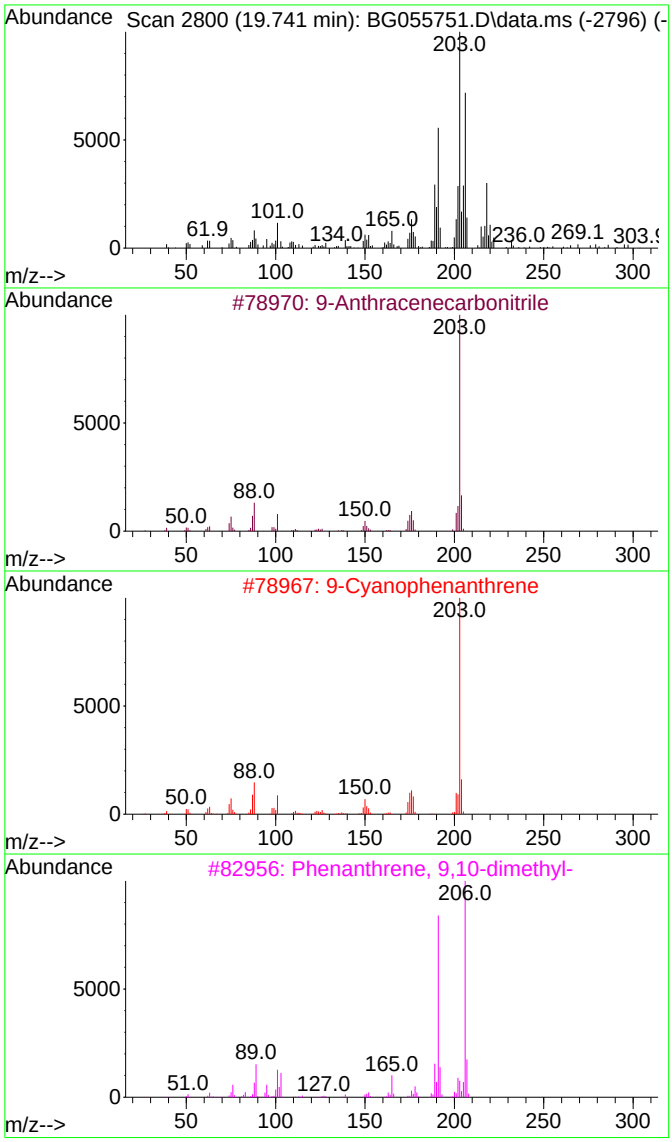
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

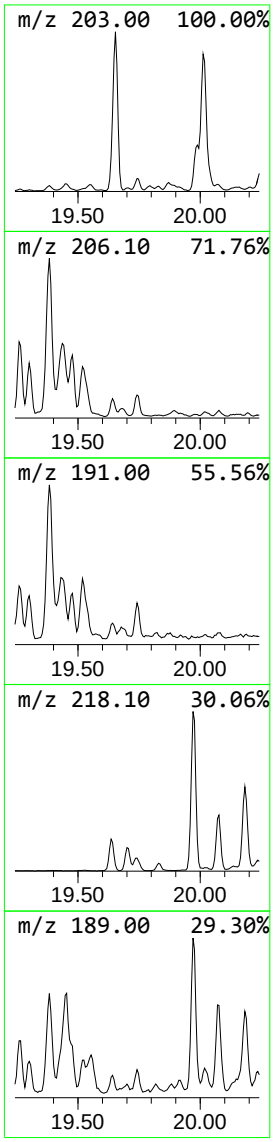
**********

Peak Number 18 unknown19.741 Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.741 | 5.75 ng | 168223 | Phenanthrene-d10 | 17.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Anthracenecarbonitrile | 203 | C15H9N | 001210-12-4 | 47 |
| 2 | 9-Cyanophenanthrene | 203 | C15H9N | 002510-55-6 | 47 |
| 3 | Phenanthrene, 9,10-dimethyl- | 206 | C16H14 | 000604-83-1 | 42 |
| 4 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 42 |
| 5 | Anthracene, 2-ethyl- | 206 | C16H14 | 052251-71-5 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

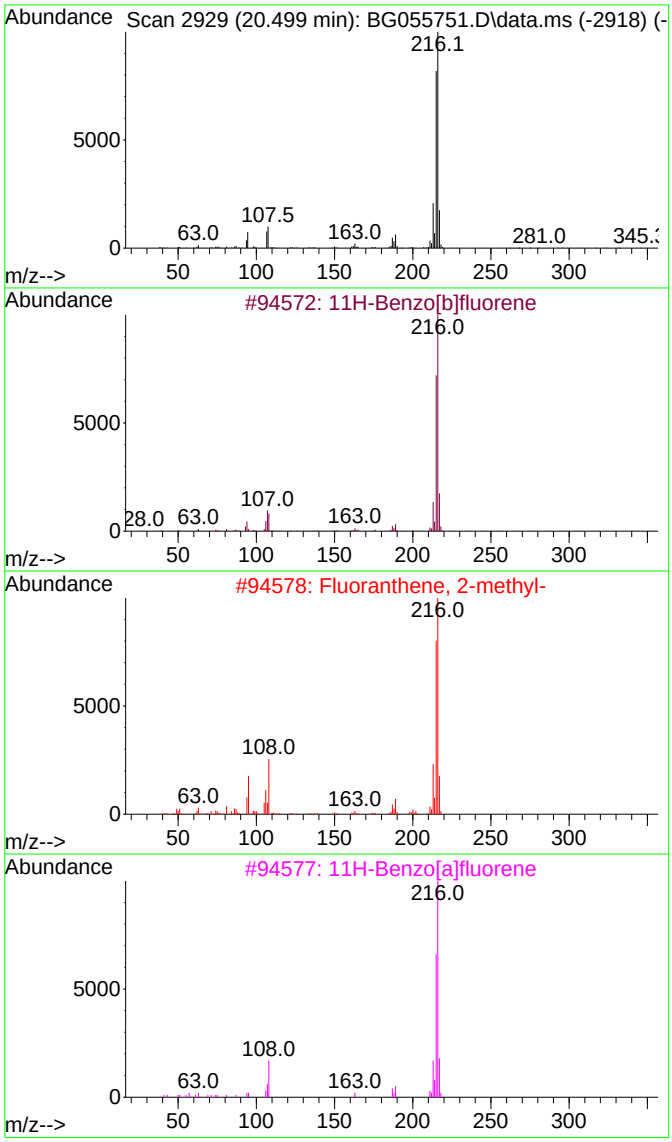
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

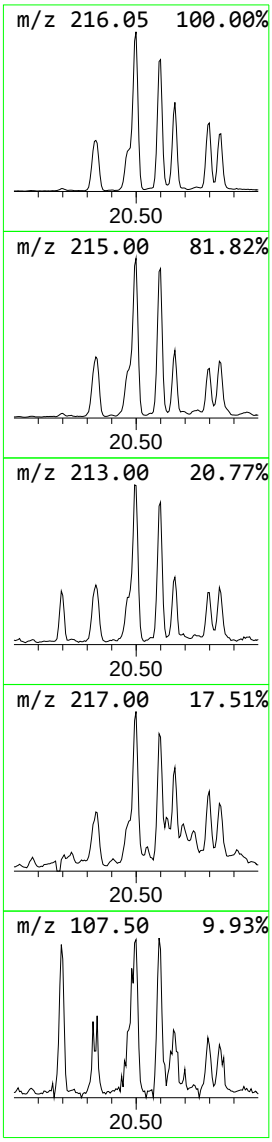
**********

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.499 | 8.07 ng | 928781 | Chrysene-d12 | 21.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 96 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 95 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 94 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

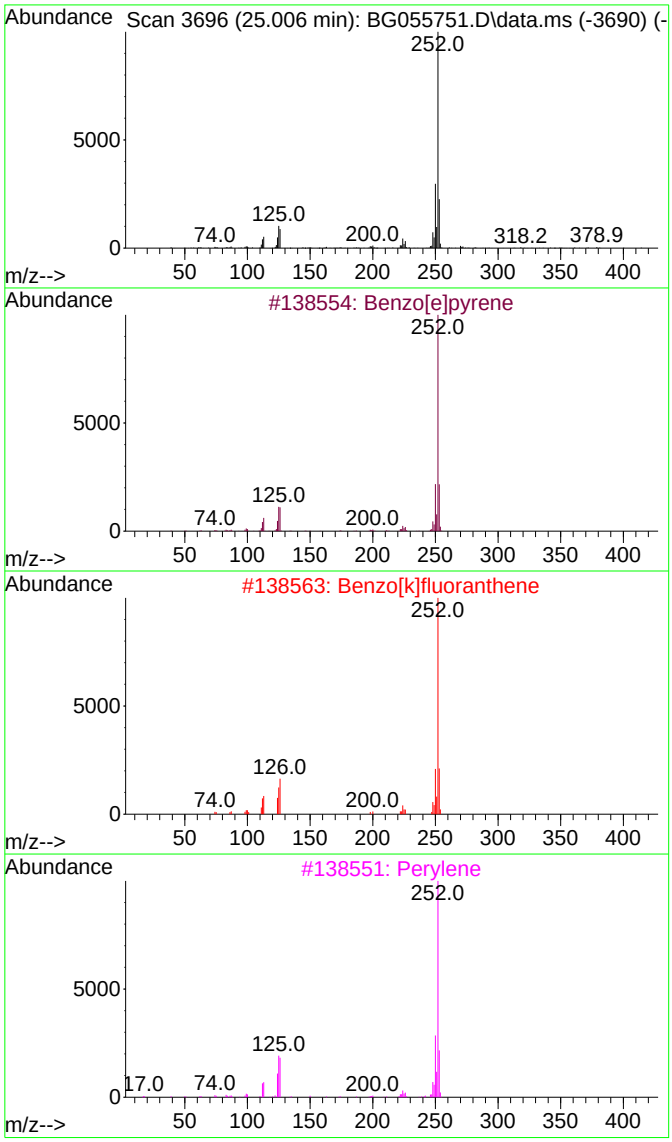
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

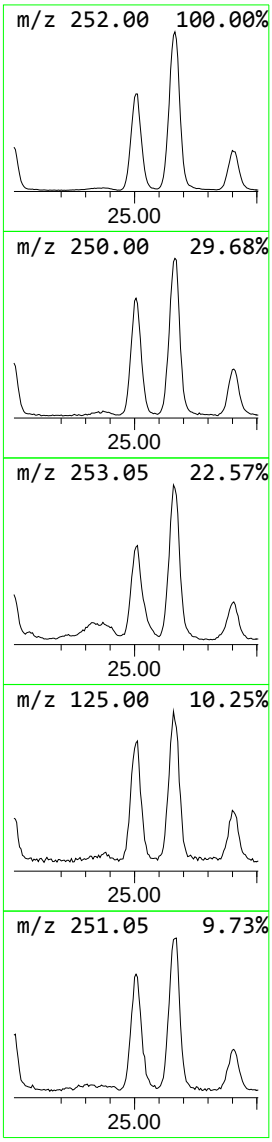
**********

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.006 | 31.99 ng | 824747 | Perylene-d12 | 25.323 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 96 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 96 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |
| 5 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
OR-3-111822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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 |
| 2-Pentanone, 4-... | 5.294 | 17.2 | ng | 206140 | 1 | 8.243 | 239440 | 20.0 |
| Naphthalene, 1,... | 14.042 | 6.7 | ng | 177375 | 3 | 14.865 | 527509 | 20.0 |
| Naphthalene, 1,... | 14.189 | 8.1 | ng | 213861 | 3 | 14.865 | 527509 | 20.0 |
| Benzophenone | 16.204 | 8.8 | ng | 231397 | 3 | 14.865 | 527509 | 20.0 |
| 9H-Fluorene, 2-... | 16.910 | 7.7 | ng | 225684 | 4 | 17.609 | 585369 | 20.0 |
| Tetradecane | 17.327 | 5.9 | ng | 173005 | 4 | 17.609 | 585369 | 20.0 |
| Dibenzothiophene | 17.427 | 7.6 | ng | 221765 | 4 | 17.609 | 585369 | 20.0 |
| Phenanthrene, 1... | 18.478 | 24.2 | ng | 708903 | 4 | 17.609 | 585369 | 20.0 |
| Phenanthrene, 2... | 18.531 | 22.3 | ng | 653342 | 4 | 17.609 | 585369 | 20.0 |
| Anthracene, 2-m... | 18.608 | 7.5 | ng | 219266 | 4 | 17.609 | 585369 | 20.0 |
| 4H-Cyclopenta[d... | 18.678 | 31.0 | ng | 906045 | 4 | 17.609 | 585369 | 20.0 |
| Anthracene, 1-m... | 18.707 | 10.2 | ng | 298172 | 4 | 17.609 | 585369 | 20.0 |
| Naphthalene, 2-... | 18.966 | 9.9 | ng | 288845 | 4 | 17.609 | 585369 | 20.0 |
| 9,10-Anthracene... | 19.019 | 5.9 | ng | 173600 | 4 | 17.609 | 585369 | 20.0 |
| Phenanthrene, 2... | 19.383 | 17.0 | ng | 497864 | 4 | 17.609 | 585369 | 20.0 |
| Pyrene, 4,5,9,1... | 19.448 | 6.3 | ng | 185531 | 4 | 17.609 | 585369 | 20.0 |
| Cyclopenta(def)... | 19.524 | 9.8 | ng | 286951 | 4 | 17.609 | 585369 | 20.0 |
| unknown19.741 | 19.741 | 5.8 | ng | 168223 | 4 | 17.609 | 585369 | 20.0 |
| 11H-Benzo[b]flu... | 20.499 | 8.1 | ng | 928781 | 5 | 21.910 | 2302240 | 20.0 |
| Benzo[e]pyrene | 25.006 | 32.0 | ng | 824747 | 6 | 25.323 | 515590 | 20.0 |