LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

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_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009128.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.393 | 402 | 409 | 429 | rBV | 1069053 | 1890620 | 5.07% | 0.442% |
| 2 | 6.987 | 675 | 680 | 696 | rVB | 1012288 | 1968743 | 5.28% | 0.460% |
| 3 | 7.793 | 809 | 817 | 832 | rBV | 703726 | 1190525 | 3.19% | 0.278% |
| 4 | 8.958 | 1008 | 1015 | 1023 | rBV | 692443 | 1310599 | 3.51% | 0.306% |
| 5 | 10.587 | 1282 | 1292 | 1297 | rBV | 1039364 | 2014891 | 5.40% | 0.471% |
| 6 | 10.640 | 1297 | 1301 | 1309 | rVB | 697870 | 1181227 | 3.17% | 0.276% |
| 7 | 12.257 | 1569 | 1576 | 1583 | rVB | 878747 | 1467065 | 3.93% | 0.343% |
| 8 | 12.475 | 1604 | 1613 | 1624 | rVB | 1129745 | 1959520 | 5.25% | 0.458% |
| 9 | 13.057 | 1705 | 1712 | 1722 | rVB | 2537933 | 3819306 | 10.23% | 0.892% |
| 10 | 13.269 | 1742 | 1748 | 1754 | rVB2 | 323288 | 509324 | 1.36% | 0.119% |
| 11 | 13.469 | 1777 | 1782 | 1796 | rVB | 218436 | 550839 | 1.48% | 0.129% |
| 12 | 13.598 | 1798 | 1804 | 1806 | rBV | 772901 | 1240535 | 3.32% | 0.290% |
| 13 | 13.757 | 1825 | 1831 | 1836 | rBV | 1327943 | 2338676 | 6.27% | 0.546% |
| 14 | 13.810 | 1836 | 1840 | 1850 | rVV | 830938 | 1325089 | 3.55% | 0.309% |
| 15 | 13.993 | 1863 | 1871 | 1875 | rVV | 602228 | 1054899 | 2.83% | 0.246% |
| 16 | 14.157 | 1892 | 1899 | 1913 | rBV | 1270677 | 2099966 | 5.63% | 0.490% |
| 17 | 14.440 | 1936 | 1947 | 1952 | rBV | 1878735 | 3142810 | 8.42% | 0.734% |
| 18 | 14.498 | 1952 | 1957 | 1965 | rVV | 1852272 | 2941180 | 7.88% | 0.687% |
| 19 | 14.651 | 1977 | 1983 | 1991 | rBV2 | 262146 | 636274 | 1.70% | 0.149% |
| 20 | 14.840 | 2008 | 2015 | 2022 | rVV | 1463862 | 2367860 | 6.34% | 0.553% |
| 21 | 14.916 | 2023 | 2028 | 2033 | rVB | 608108 | 839503 | 2.25% | 0.196% |
| 22 | 15.057 | 2044 | 2052 | 2057 | rBV2 | 527448 | 1068826 | 2.86% | 0.250% |
| 23 | 15.110 | 2057 | 2061 | 2066 | rVB | 417152 | 587613 | 1.57% | 0.137% |
| 24 | 15.234 | 2073 | 2082 | 2084 | rBV3 | 331510 | 763792 | 2.05% | 0.178% |
| 25 | 15.398 | 2102 | 2110 | 2114 | rBV6 | 180841 | 519005 | 1.39% | 0.121% |
| 26 | 15.492 | 2120 | 2126 | 2137 | rVB | 3127024 | 4951193 | 13.27% | 1.156% |
| 27 | 15.787 | 2171 | 2176 | 2187 | rVB2 | 567913 | 1043590 | 2.80% | 0.244% |
| 28 | 15.940 | 2192 | 2202 | 2209 | rBV2 | 2677283 | 4636565 | 12.42% | 1.083% |
| 29 | 16.169 | 2234 | 2241 | 2248 | rVB4 | 478124 | 994099 | 2.66% | 0.232% |
| 30 | 16.498 | 2289 | 2297 | 2302 | rBV2 | 945436 | 1810191 | 4.85% | 0.423% |
| 31 | 16.551 | 2302 | 2306 | 2312 | rVB2 | 539506 | 796344 | 2.13% | 0.186% |
| 32 | 16.651 | 2318 | 2323 | 2328 | rVB | 508808 | 755617 | 2.02% | 0.176% |
| 33 | 16.857 | 2354 | 2358 | 2364 | rVB3 | 376976 | 619393 | 1.66% | 0.145% |
| 34 | 16.928 | 2365 | 2370 | 2372 | rBV2 | 317002 | 497331 | 1.33% | 0.116% |
| 35 | 17.016 | 2379 | 2385 | 2394 | rVB | 1271253 | 2137838 | 5.73% | 0.499% |
| 36 | 17.198 | 2410 | 2416 | 2419 | rBV | 2291189 | 3527163 | 9.45% | 0.824% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

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_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.245 | 2419 | 2424 | 2430 | rVV | 14820027 | 24029046 | 64.39% | 5.612% |
| 38 | 17.334 | 2430 | 2439 | 2444 | rVB | 5368119 | 8016492 | 21.48% | 1.872% |
| 39 | 17.398 | 2444 | 2450 | 2454 | rBV2 | 458463 | 883223 | 2.37% | 0.206% |
| 40 | 17.610 | 2480 | 2486 | 2491 | rBV | 1145773 | 1825730 | 4.89% | 0.426% |
| 41 | 17.716 | 2498 | 2504 | 2507 | rBV2 | 483681 | 825795 | 2.21% | 0.193% |
| 42 | 17.775 | 2511 | 2514 | 2523 | rVB2 | 656003 | 1080921 | 2.90% | 0.252% |
| 43 | 17.869 | 2525 | 2530 | 2535 | rVV | 4350624 | 5540467 | 14.85% | 1.294% |
| 44 | 17.916 | 2535 | 2538 | 2546 | rVB | 452963 | 783665 | 2.10% | 0.183% |
| 45 | 18.069 | 2558 | 2564 | 2568 | rBV | 3683632 | 5348554 | 14.33% | 1.249% |
| 46 | 18.116 | 2568 | 2572 | 2579 | rVB | 4558451 | 6647755 | 17.81% | 1.553% |
| 47 | 18.198 | 2580 | 2586 | 2590 | rBV | 1657811 | 2501078 | 6.70% | 0.584% |
| 48 | 18.257 | 2590 | 2596 | 2600 | rVV2 | 5292382 | 9612939 | 25.76% | 2.245% |
| 49 | 18.292 | 2600 | 2602 | 2610 | rVB | 2517769 | 2849959 | 7.64% | 0.666% |
| 50 | 18.551 | 2641 | 2646 | 2650 | rBV | 1907729 | 2475021 | 6.63% | 0.578% |
| 51 | 18.604 | 2651 | 2655 | 2663 | rVB | 679064 | 962968 | 2.58% | 0.225% |
| 52 | 18.786 | 2679 | 2686 | 2691 | rBV2 | 931602 | 1548079 | 4.15% | 0.362% |
| 53 | 18.839 | 2691 | 2695 | 2698 | rVV | 1432335 | 1743180 | 4.67% | 0.407% |
| 54 | 18.881 | 2698 | 2702 | 2706 | rVB | 1002733 | 1322607 | 3.54% | 0.309% |
| 55 | 18.975 | 2710 | 2718 | 2721 | rBV2 | 8321328 | 14050217 | 37.65% | 3.281% |
| 56 | 19.010 | 2721 | 2724 | 2734 | rVV3 | 9618881 | 14535039 | 38.95% | 3.395% |
| 57 | 19.098 | 2734 | 2739 | 2742 | rVV4 | 1074698 | 2157563 | 5.78% | 0.504% |
| 58 | 19.133 | 2742 | 2745 | 2752 | rVB2 | 2296057 | 3133926 | 8.40% | 0.732% |
| 59 | 19.228 | 2752 | 2761 | 2766 | rBV | 20716115 | 33940855 | 90.95% | 7.927% |
| 60 | 19.275 | 2766 | 2769 | 2772 | rVV | 664204 | 842600 | 2.26% | 0.197% |
| 61 | 19.310 | 2772 | 2775 | 2780 | rVV | 813323 | 1154382 | 3.09% | 0.270% |
| 62 | 19.363 | 2781 | 2784 | 2788 | rVB | 600276 | 708493 | 1.90% | 0.165% |
| 63 | 19.451 | 2795 | 2799 | 2802 | rBV | 1015260 | 1397695 | 3.75% | 0.326% |
| 64 | 19.486 | 2802 | 2805 | 2810 | rVB2 | 698629 | 997315 | 2.67% | 0.233% |
| 65 | 19.581 | 2810 | 2821 | 2827 | rBV2 | 18927418 | 37320114 | 100.00% | 8.716% |
| 66 | 19.639 | 2827 | 2831 | 2837 | rVB2 | 1596932 | 2474275 | 6.63% | 0.578% |
| 67 | 19.763 | 2838 | 2852 | 2856 | rBV2 | 5349769 | 9323580 | 24.98% | 2.177% |
| 68 | 19.810 | 2856 | 2860 | 2865 | rVB3 | 819986 | 1367225 | 3.66% | 0.319% |
| 69 | 19.892 | 2867 | 2874 | 2879 | rBV3 | 1892330 | 4915951 | 13.17% | 1.148% |
| 70 | 20.022 | 2890 | 2896 | 2897 | rBV3 | 1632569 | 2593792 | 6.95% | 0.606% |
| 71 | 20.057 | 2898 | 2902 | 2906 | rVB | 4445511 | 6255687 | 16.76% | 1.461% |
| 72 | 20.151 | 2913 | 2918 | 2922 | rBV | 3864034 | 5039629 | 13.50% | 1.177% |
| 73 | 20.210 | 2922 | 2928 | 2931 | rBV3 | 2764838 | 4225619 | 11.32% | 0.987% |
| 74 | 20.286 | 2938 | 2941 | 2946 | rBV3 | 421567 | 730130 | 1.96% | 0.171% |
| 75 | 20.345 | 2947 | 2951 | 2954 | rBV | 1847785 | 2415754 | 6.47% | 0.564% |
| 76 | 20.386 | 2954 | 2958 | 2962 | rVB | 1748862 | 2345258 | 6.28% | 0.548% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

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_P\Methods\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 20.657 | 3002 | 3004 | 3009 | rVB | 753715 | 883673 | 2.37% | 0.206% |
| 78 | 20.745 | 3016 | 3019 | 3023 | rBV | 751729 | 1208973 | 3.24% | 0.282% |
| 79 | 20.792 | 3023 | 3027 | 3033 | rVB3 | 1234420 | 1996710 | 5.35% | 0.466% |
| 80 | 20.951 | 3047 | 3054 | 3057 | rBV2 | 2012075 | 3725326 | 9.98% | 0.870% |
| 81 | 20.986 | 3057 | 3060 | 3064 | rVV | 1690104 | 2255944 | 6.04% | 0.527% |
| 82 | 21.027 | 3064 | 3067 | 3071 | rVV2 | 1380316 | 1983638 | 5.32% | 0.463% |
| 83 | 21.292 | 3106 | 3112 | 3116 | rBV3 | 12473236 | 21599824 | 57.88% | 5.044% |
| 84 | 21.339 | 3116 | 3120 | 3128 | rVB | 11036206 | 15063961 | 40.36% | 3.518% |
| 85 | 21.410 | 3128 | 3132 | 3136 | rBV2 | 2475680 | 3415758 | 9.15% | 0.798% |
| 86 | 21.457 | 3136 | 3140 | 3146 | rVB | 2346986 | 2951014 | 7.91% | 0.689% |
| 87 | 21.627 | 3165 | 3169 | 3174 | rVB3 | 1111381 | 1718027 | 4.60% | 0.401% |
| 88 | 21.810 | 3197 | 3200 | 3203 | rBV | 705608 | 947133 | 2.54% | 0.221% |
| 89 | 21.869 | 3208 | 3210 | 3216 | rVV | 2562965 | 3912206 | 10.48% | 0.914% |
| 90 | 21.922 | 3217 | 3219 | 3224 | rVB | 1093889 | 1405053 | 3.76% | 0.328% |
| 91 | 22.039 | 3236 | 3239 | 3243 | rVB2 | 836763 | 1013334 | 2.72% | 0.237% |
| 92 | 22.080 | 3243 | 3246 | 3250 | rBV2 | 1061238 | 1716651 | 4.60% | 0.401% |
| 93 | 22.980 | 3391 | 3399 | 3403 | rBV | 7172823 | 18227940 | 48.84% | 4.257% |
| 94 | 23.157 | 3424 | 3429 | 3435 | rVB | 1741932 | 2896558 | 7.76% | 0.676% |
| 95 | 23.492 | 3480 | 3486 | 3495 | rVB | 4792834 | 9435089 | 25.28% | 2.203% |
| 96 | 23.604 | 3497 | 3505 | 3514 | rVV | 6836735 | 15020531 | 40.25% | 3.508% |
| 97 | 23.698 | 3517 | 3521 | 3526 | rVV | 1665149 | 3519767 | 9.43% | 0.822% |
| 98 | 23.757 | 3526 | 3531 | 3540 | rVB2 | 2275883 | 4740590 | 12.70% | 1.107% |
| 99 | 26.210 | 3940 | 3948 | 3959 | rVB | 3406749 | 10322143 | 27.66% | 2.411% |
| 100 | 26.980 | 4073 | 4079 | 4097 | rVB | 2397069 | 7746510 | 20.76% | 1.809% |

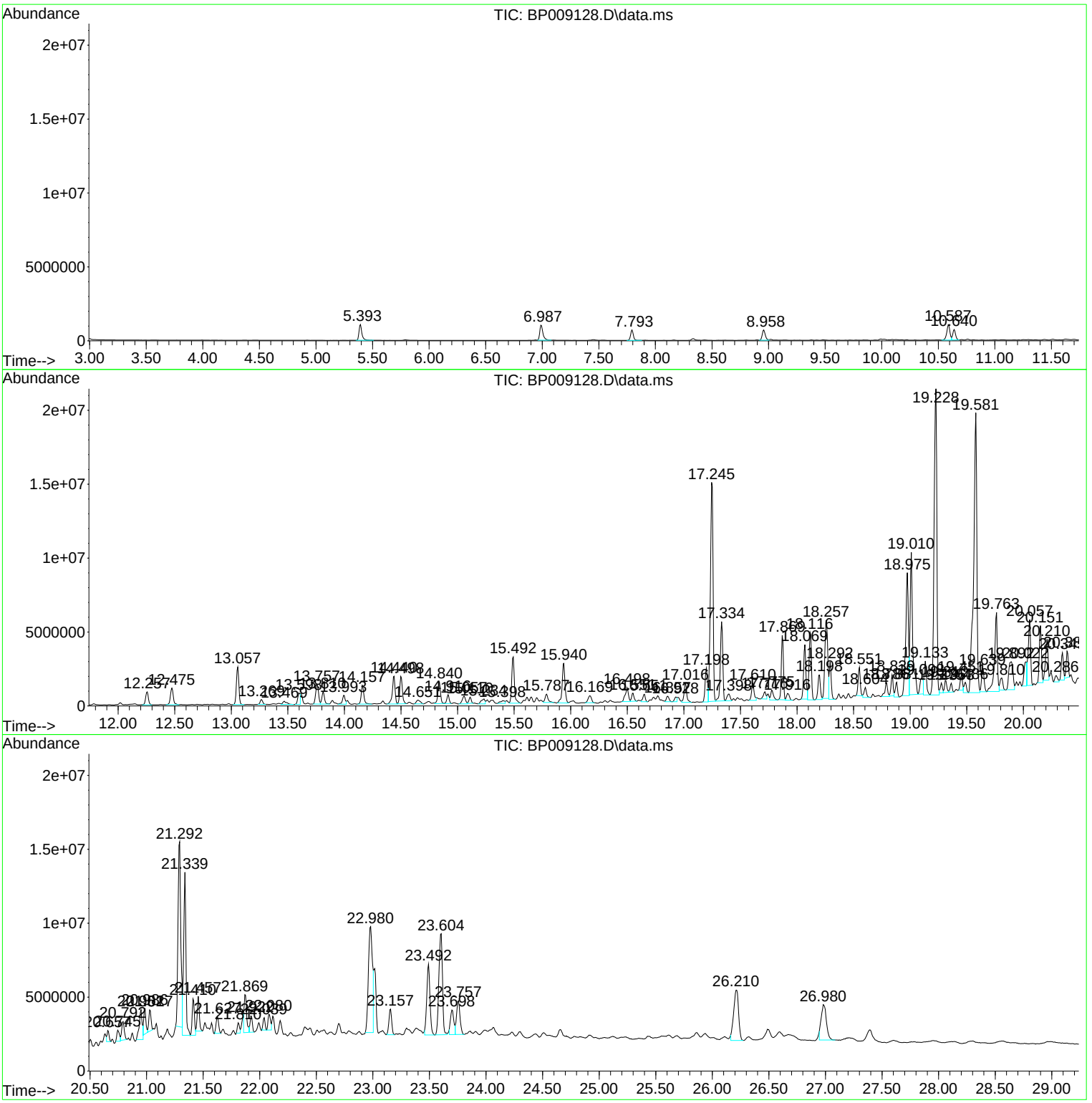
Sum of corrected areas: 428186942

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

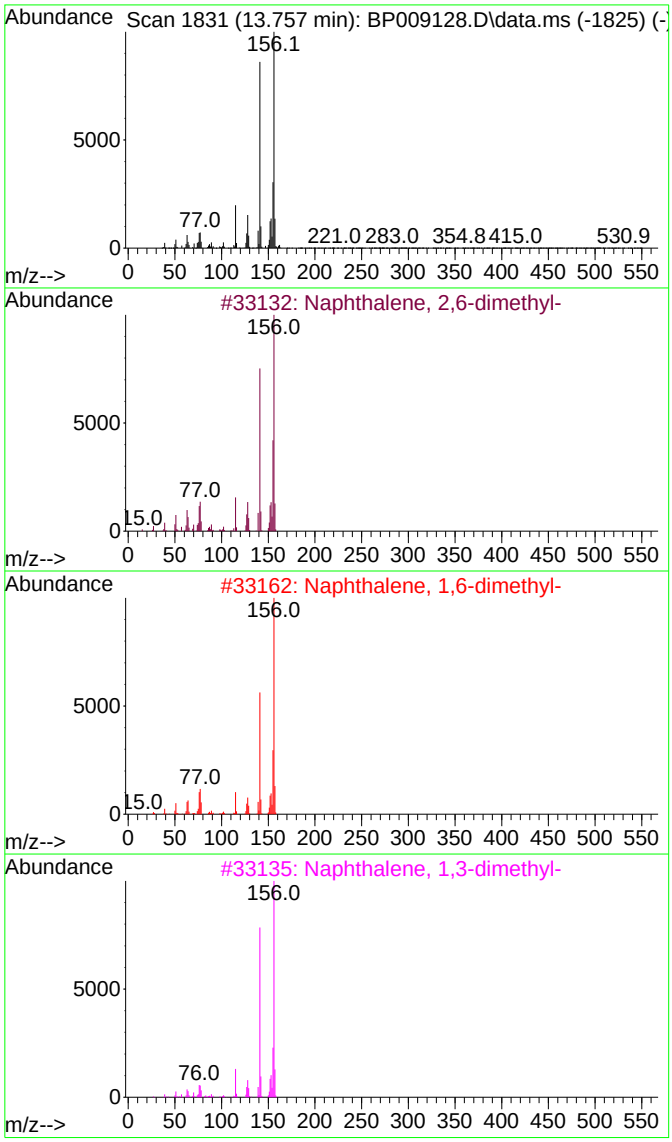
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

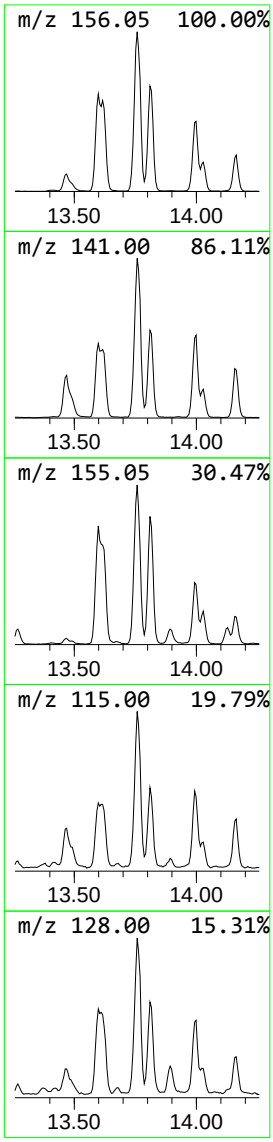
**********

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.757 | 14.88 ng | 2338680 | Acenaphthene-d10 | 14.440 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

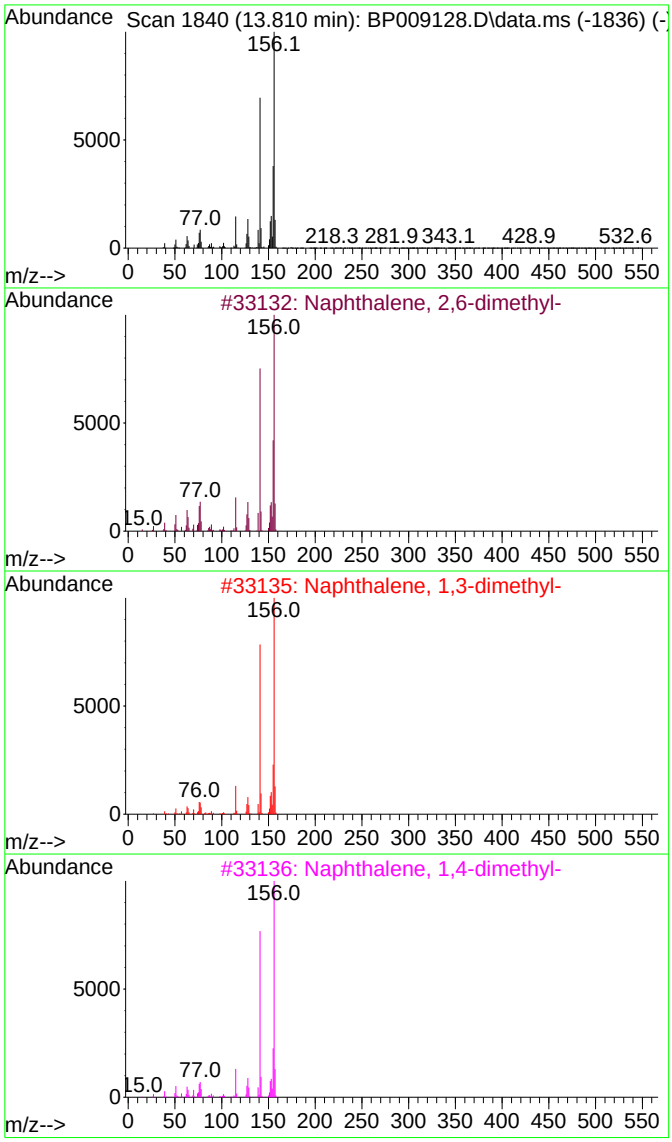
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

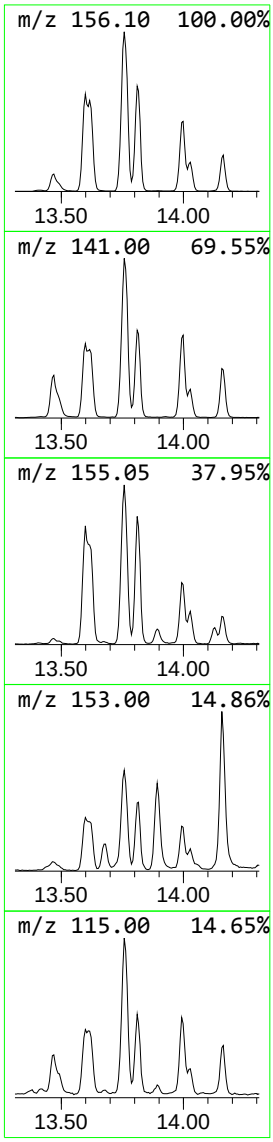
**********

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.810 | 8.43 ng | 1325090 | Acenaphthene-d10 | 14.440 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

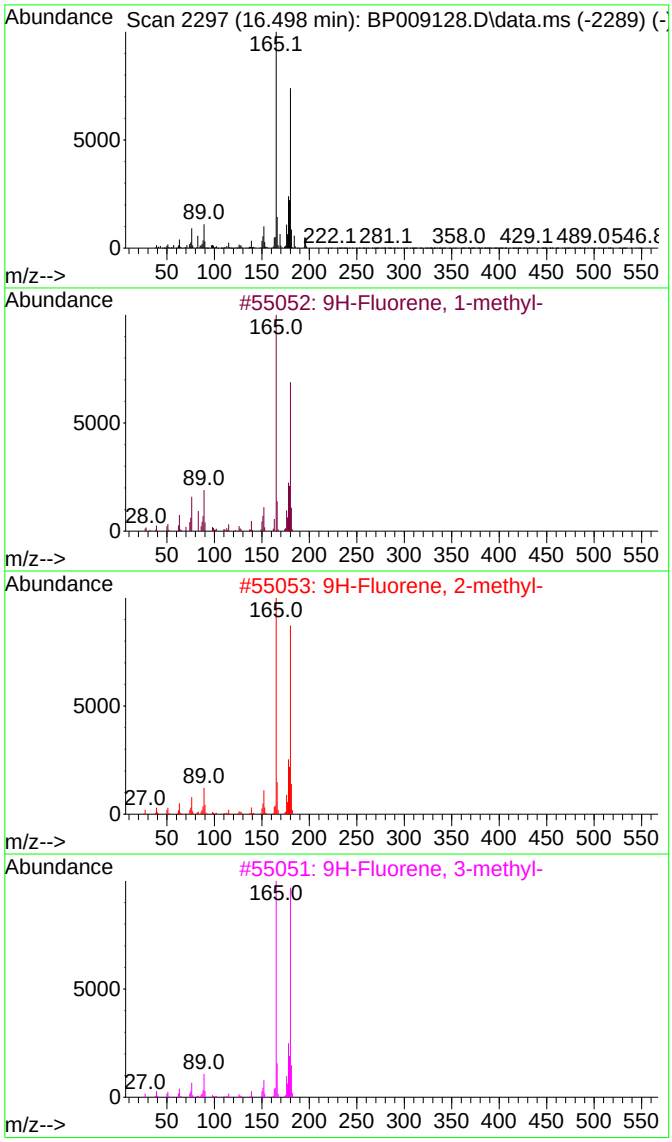
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

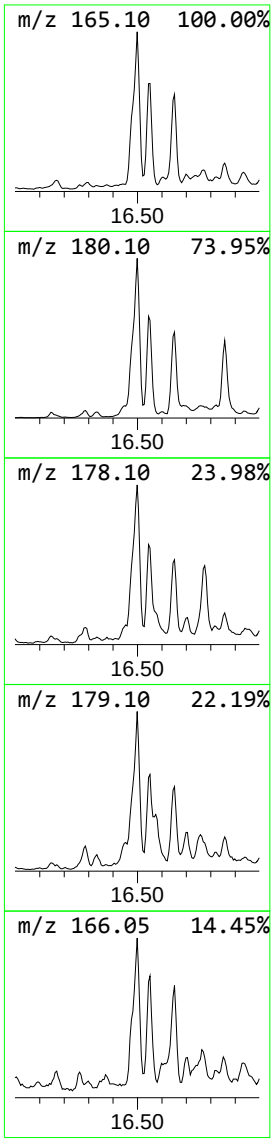
**********

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.498 | 10.26 ng | 1810190 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 95 |
| 2 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 93 |
| 3 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 93 |
| 4 | 4a,9a-Methano-9H-fluorene | 180 | C14H12 | 019540-84-2 | 86 |
| 5 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

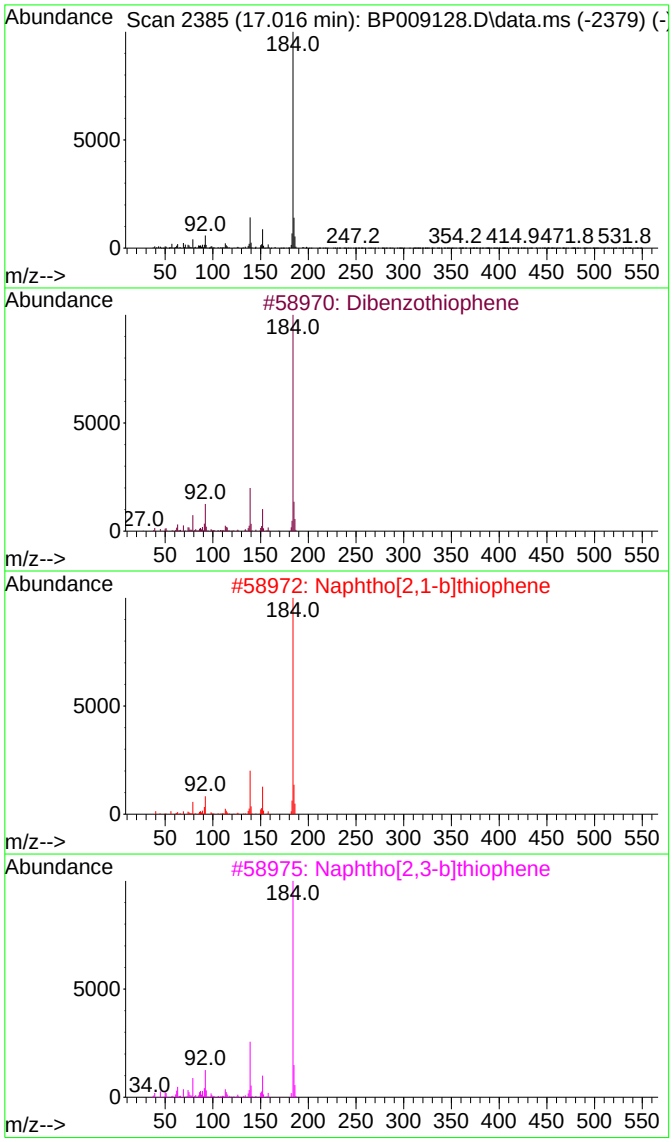
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

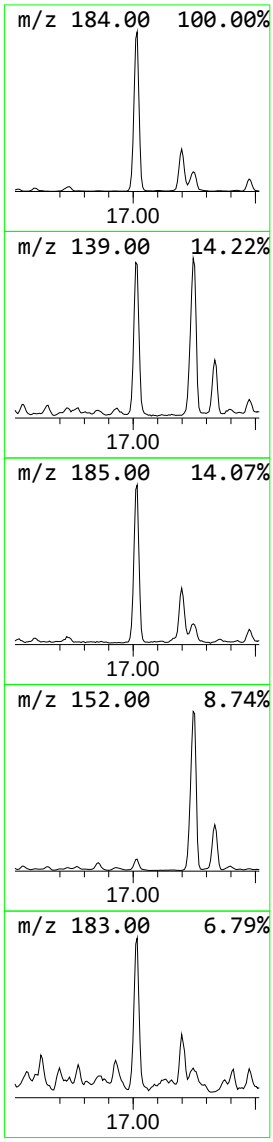
**********

Peak Number 4 Dibenzothiophene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.016 | 12.12 ng | 2137840 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 95 |
| 3 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 94 |
| 4 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 94 |
| 5 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 91 |



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Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

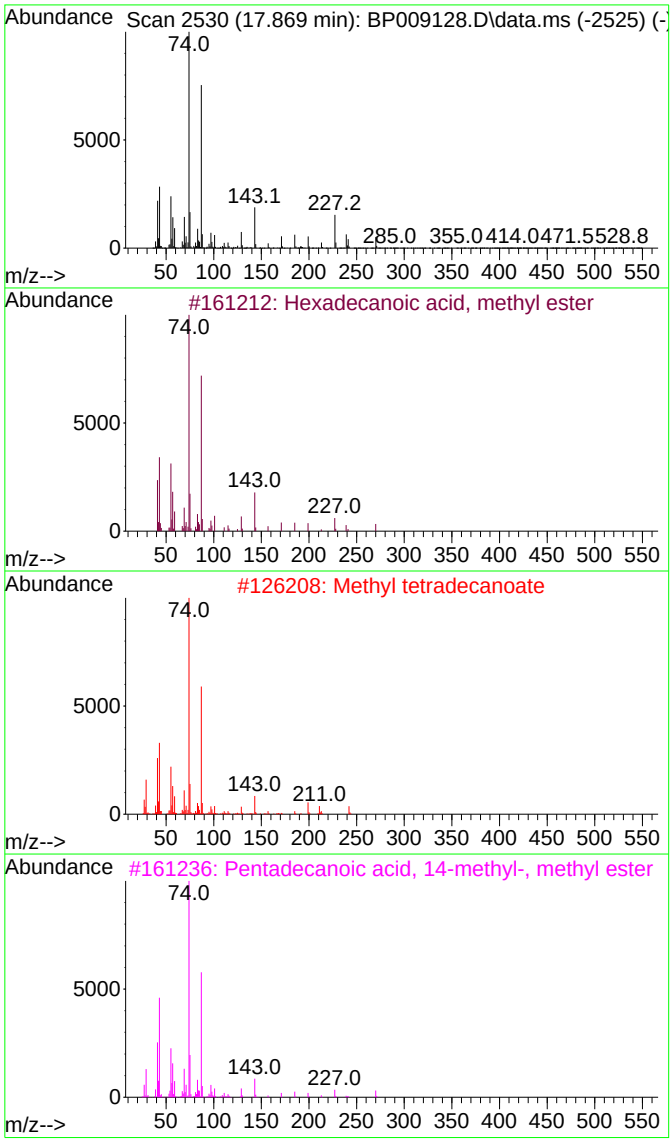
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

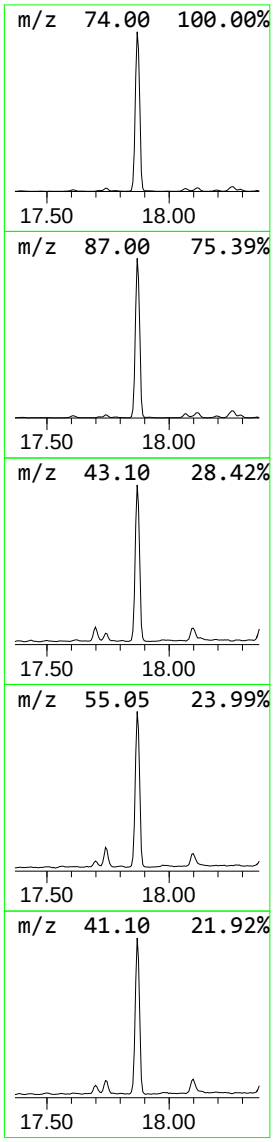
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.869 | 31.42 ng | 5540470 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 98 |
| 2 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 91 |
| 3 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 91 |
| 4 | Tridecanoic acid, methyl ester | 228 | C14H28O2 | 001731-88-0 | 90 |
| 5 | Decanoic acid, methyl ester | 186 | C11H22O2 | 000110-42-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

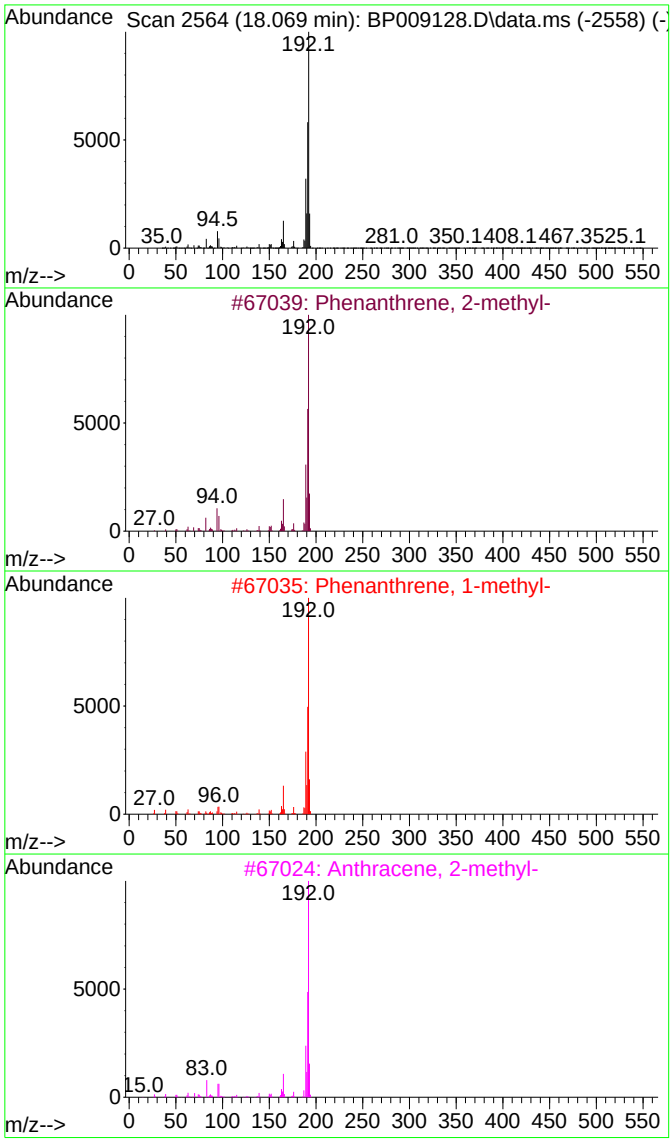
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

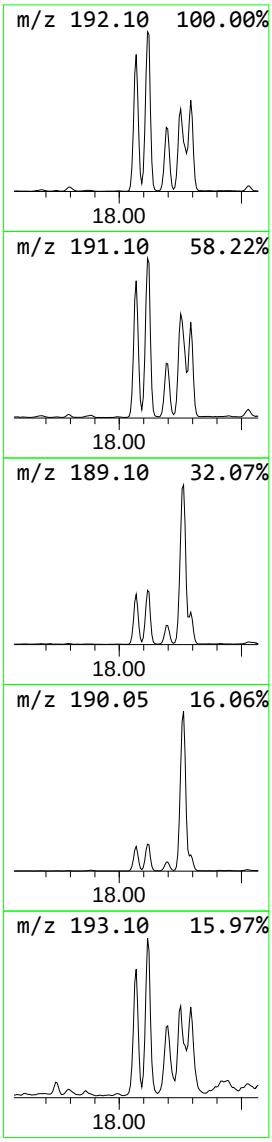
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.069 | 30.33 ng | 5348550 | Phenanthrene-d10 | 17.198 |

| 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 | 95 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

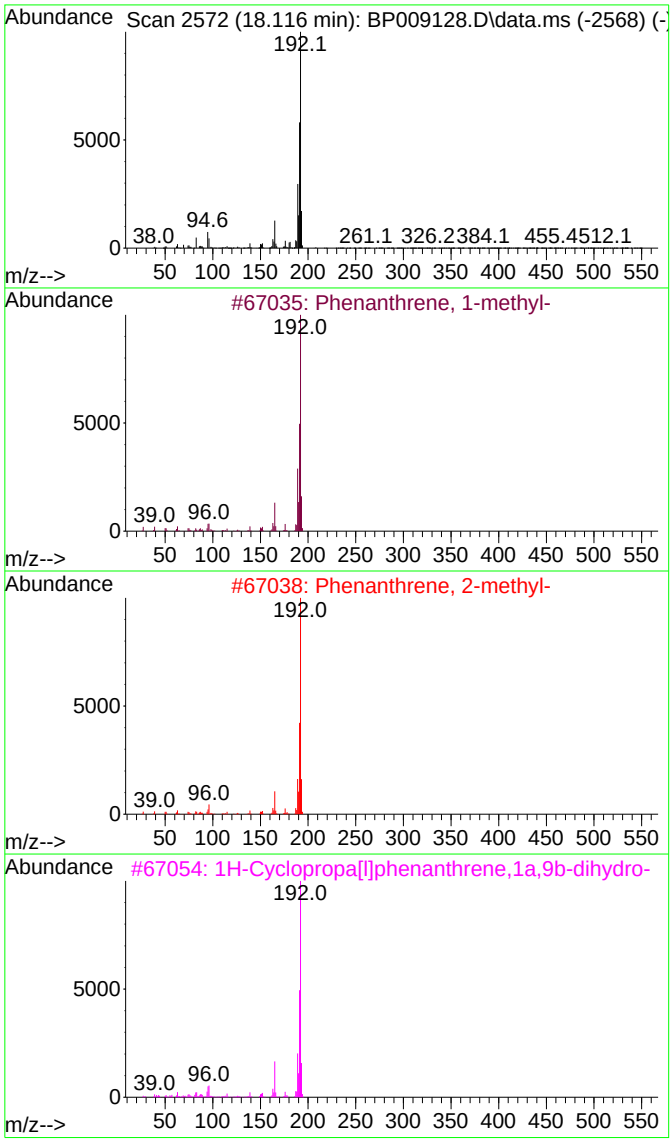
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

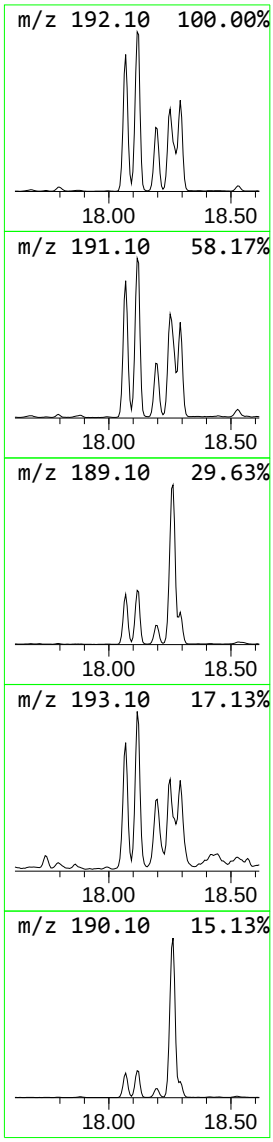
**********

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.116 | 37.69 ng | 6647760 | Phenanthrene-d10 | 17.198 |

| 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 | 97 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 4 | 1H-Indene, 1-phenyl- | 192 | C15H12 | 001961-96-2 | 94 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

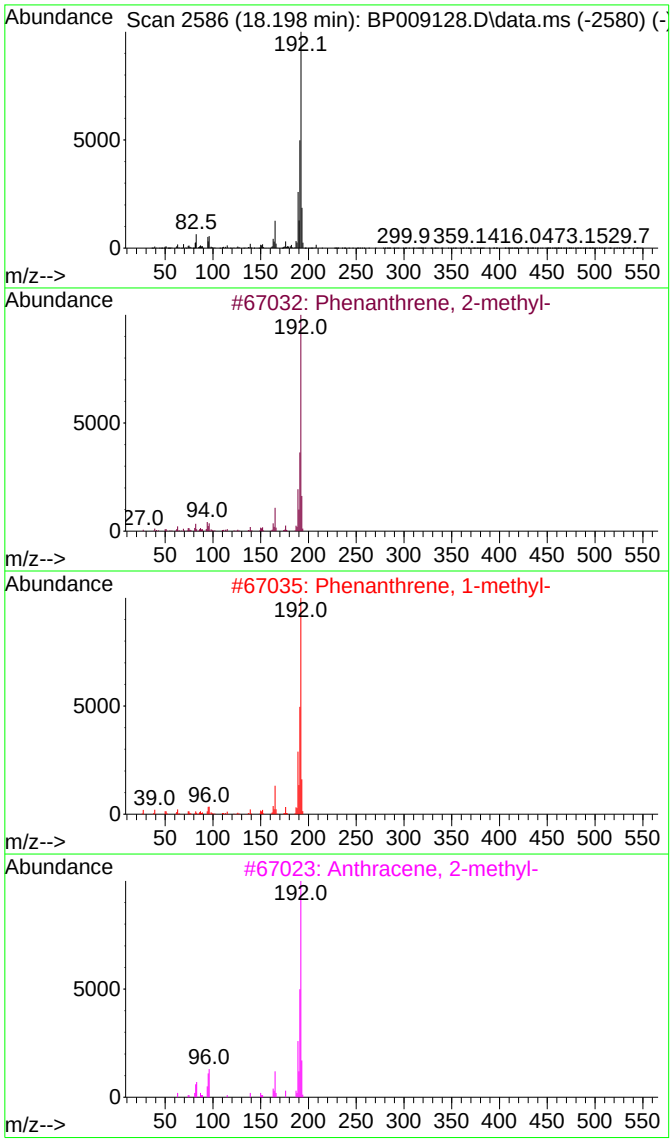
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

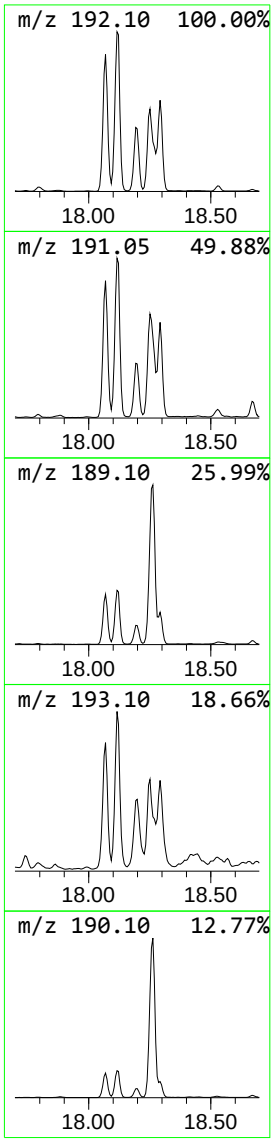
**********

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.198 | 14.18 ng | 2501080 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 95 |



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Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

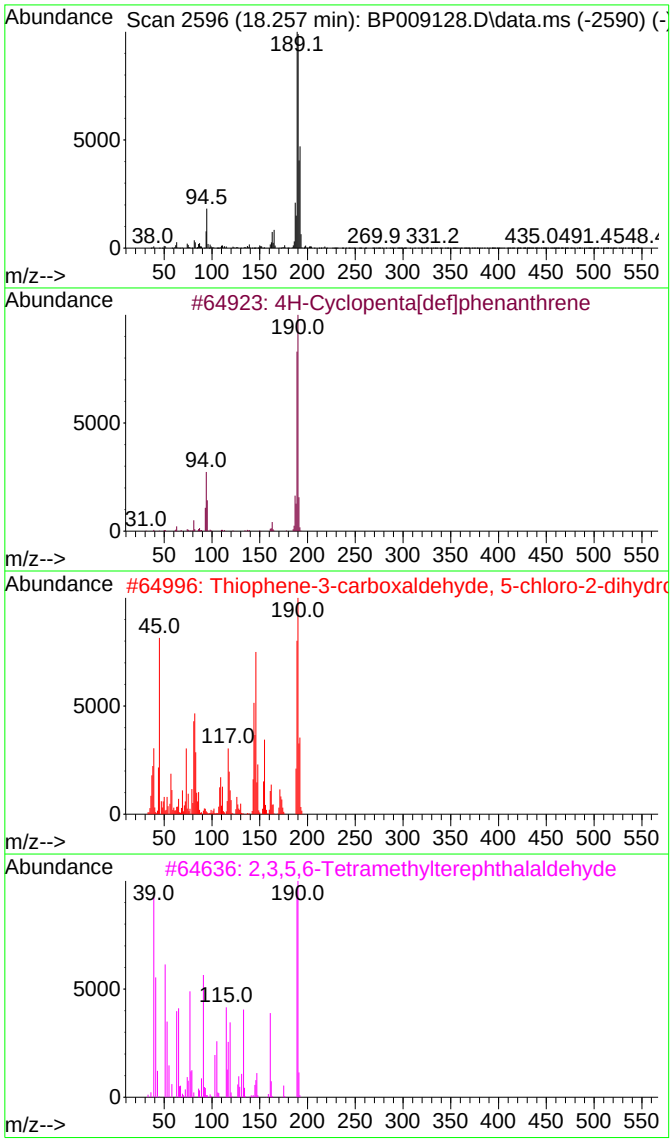
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

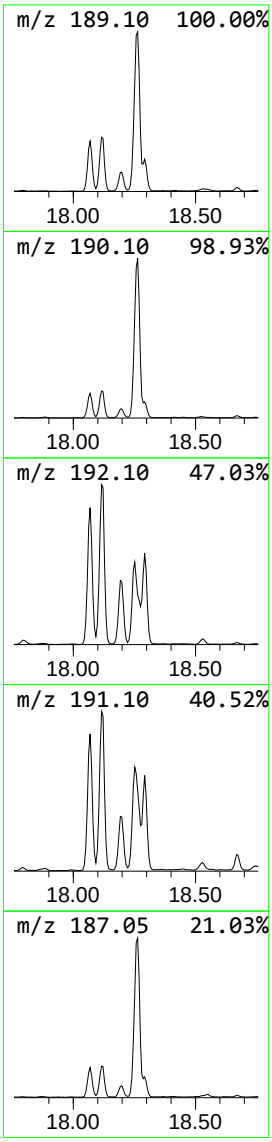
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.257 | 54.51 ng | 9612940 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 93 |
| 2 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 53 |
| 3 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 43 |
| 4 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 42 |
| 5 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

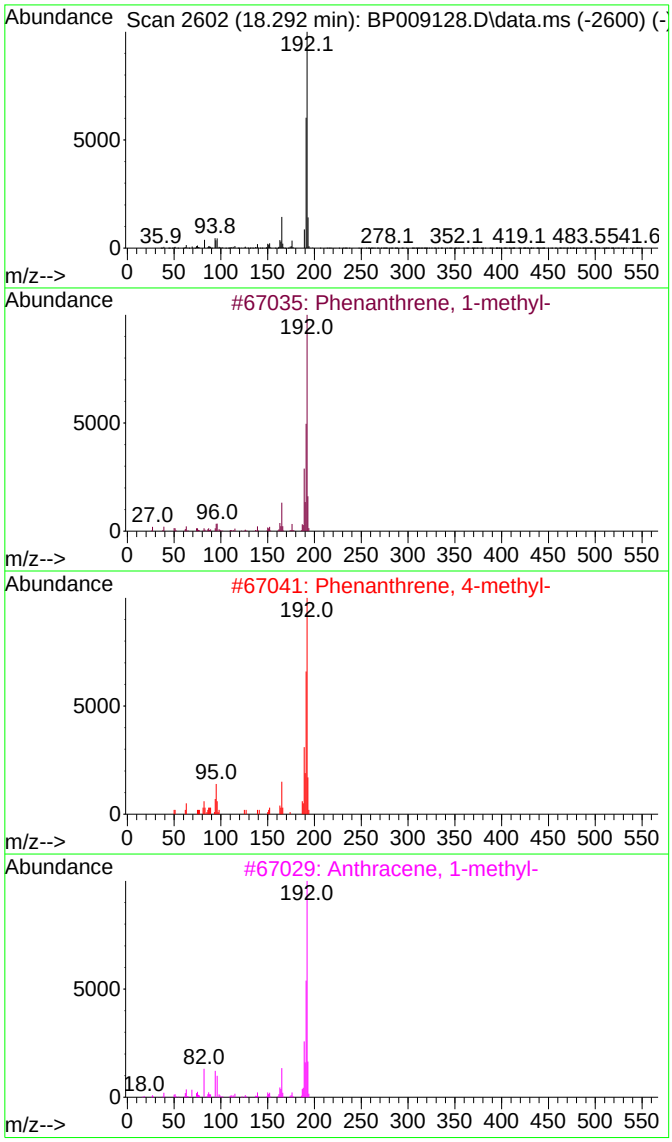
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

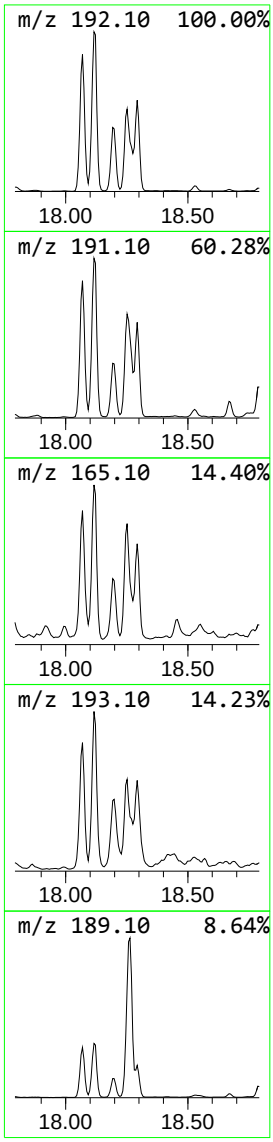
**********

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.292 | 16.16 ng | 2849960 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 93 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |
| 4 | 1H-Indene, 1-phenyl- | 192 | C15H12 | 001961-96-2 | 90 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 87 |



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Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

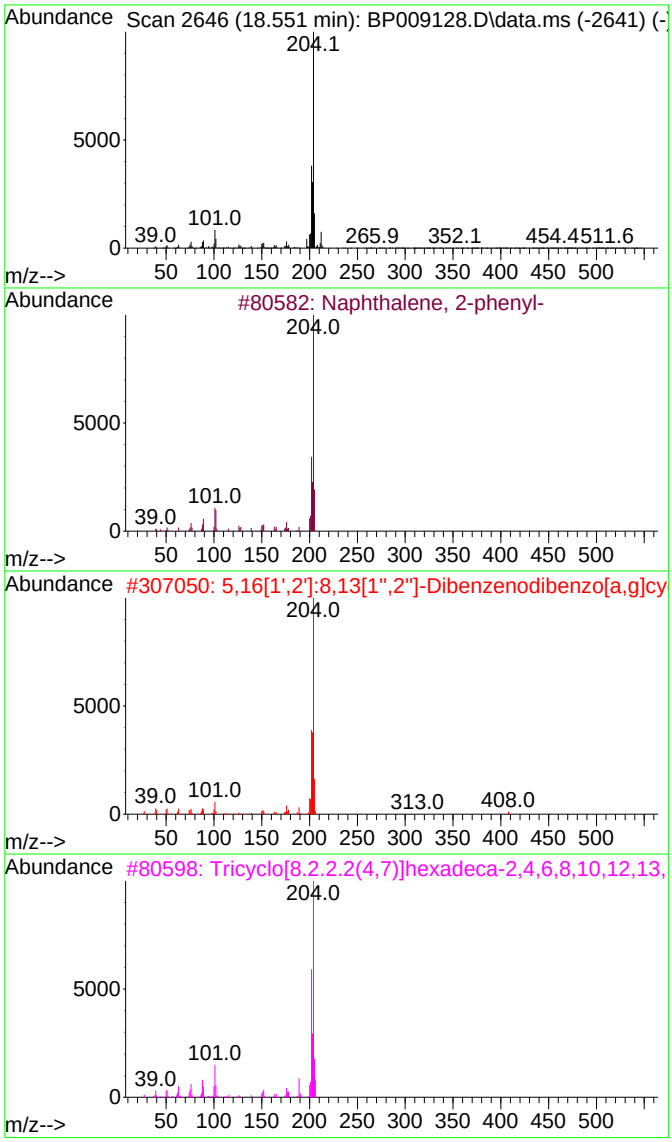
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

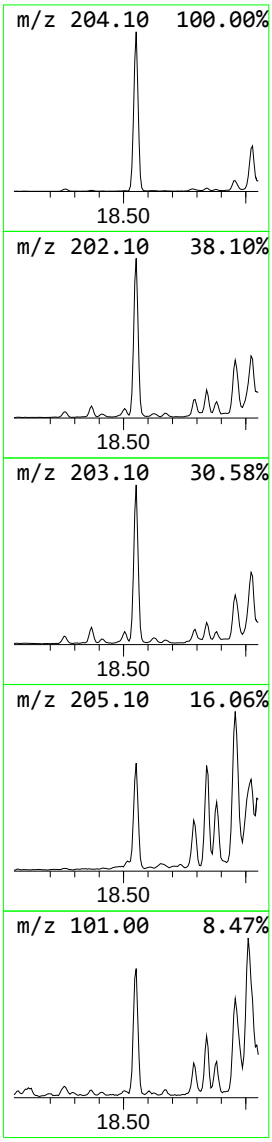
**********

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.551 | 14.03 ng | 2475020 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 90 |
| 3 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 62 |
| 4 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 53 |
| 5 | 9-Acridinecarbonitrile | 204 | C14H8N2 | 005326-19-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

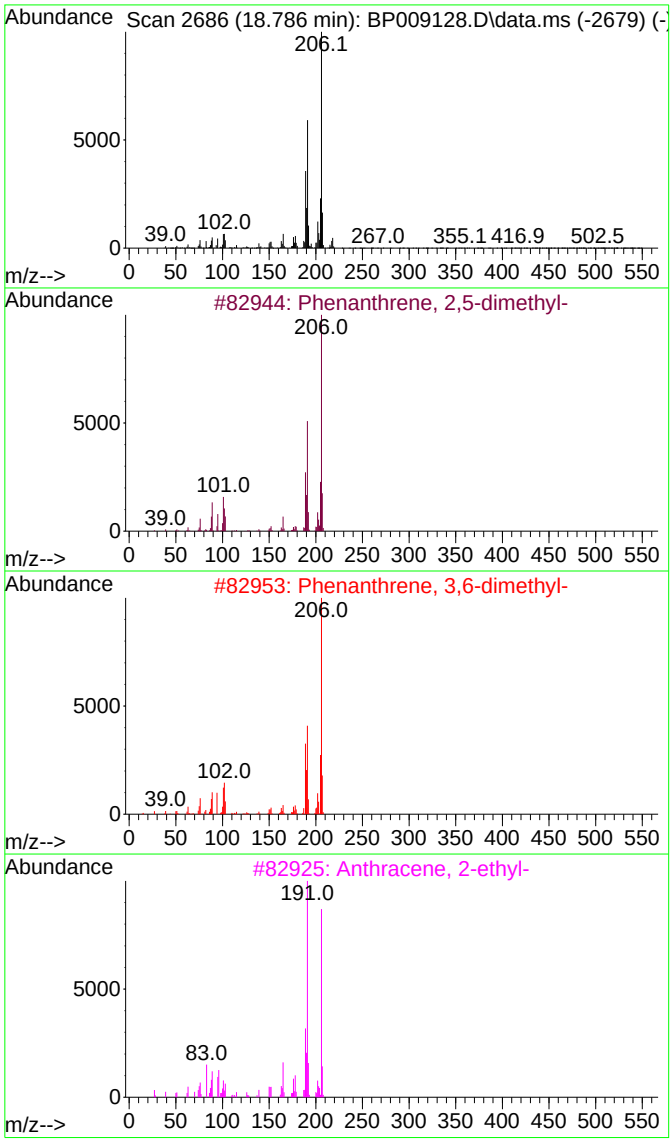
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

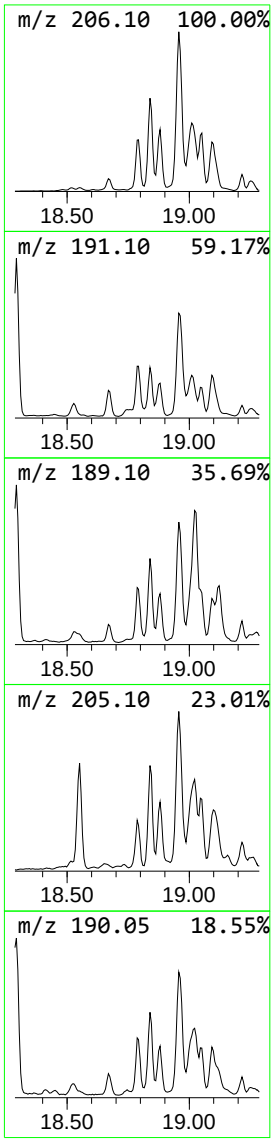
**********

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.786 | 8.78 ng | 1548080 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 95 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 94 |
| 3 | Anthracene, 2-ethyl- | 206 | C16H14 | 052251-71-5 | 94 |
| 4 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 94 |
| 5 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

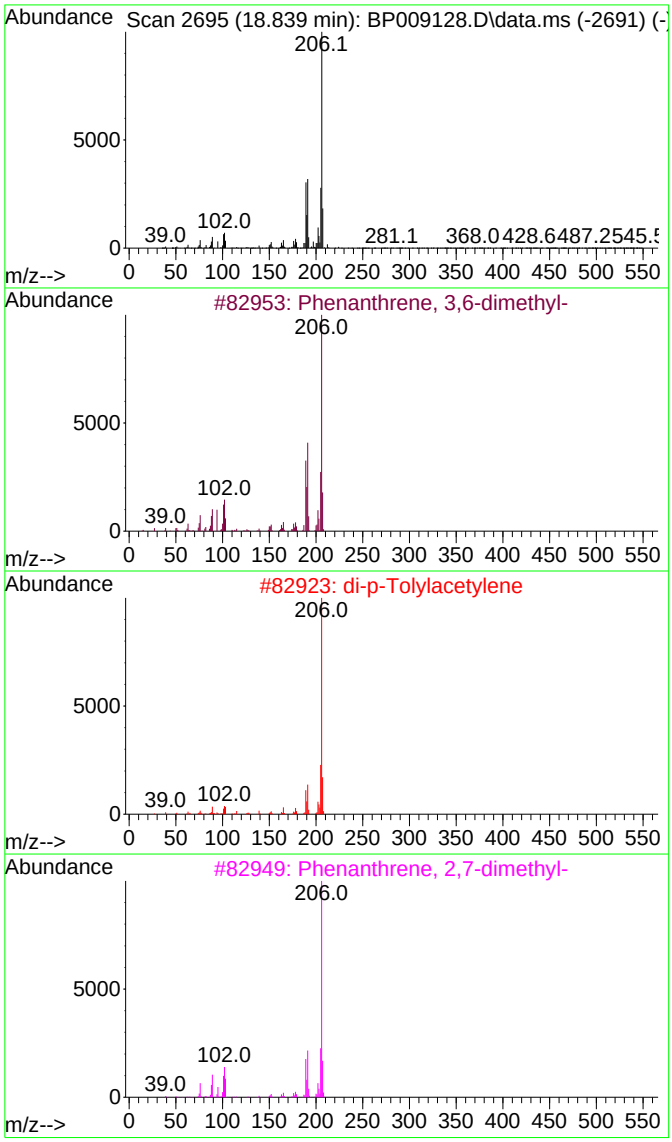
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

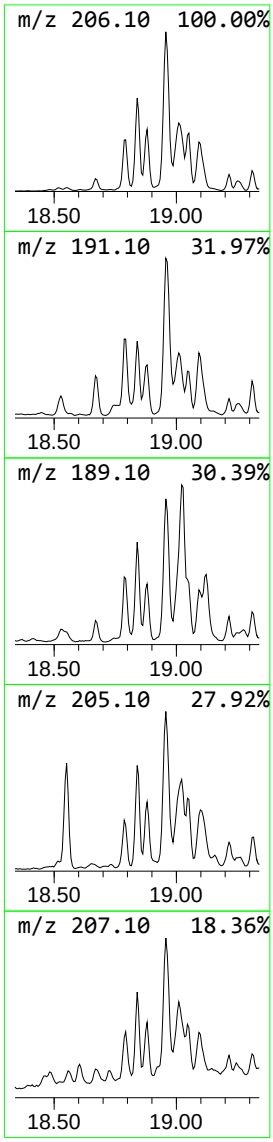
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.839 | 9.88 ng | 1743180 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 96 |
| 2 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 91 |
| 3 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 90 |
| 4 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |
| 5 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

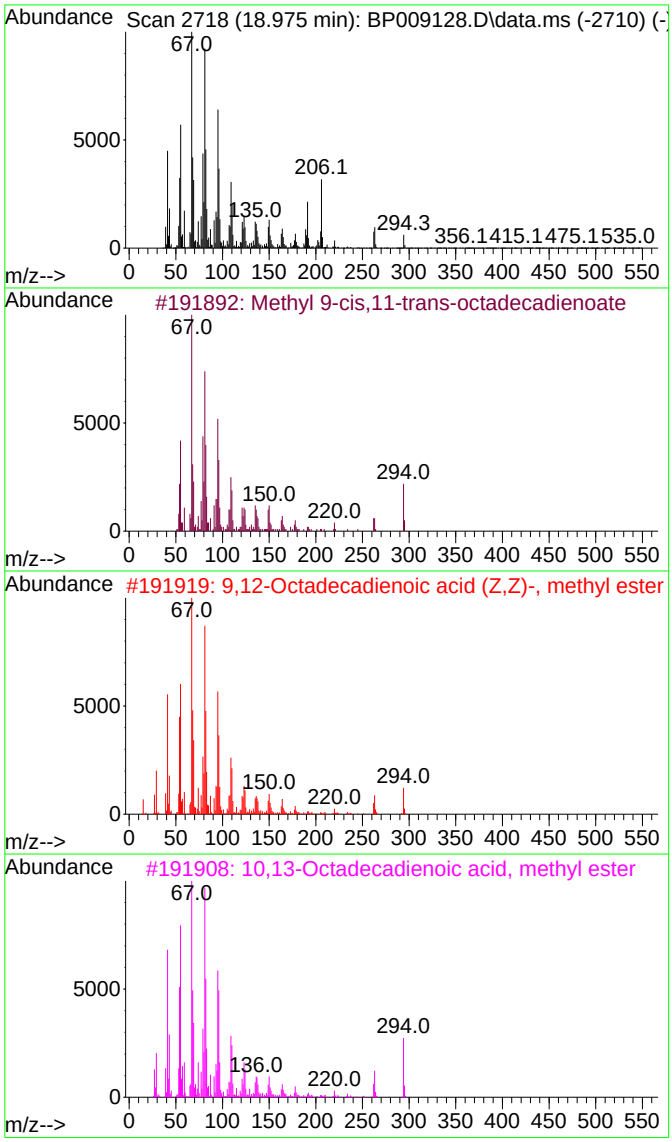
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

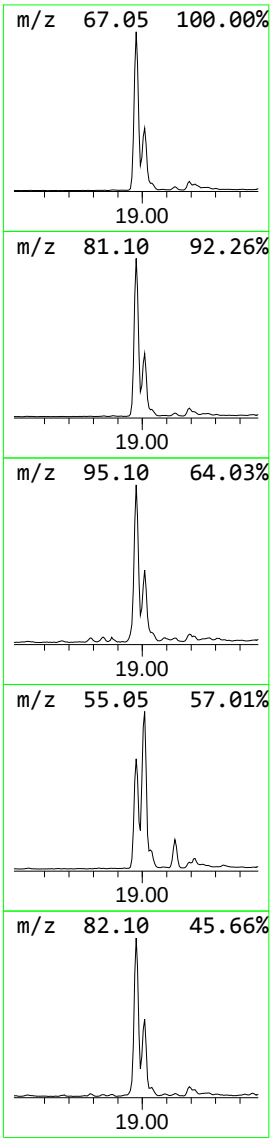
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Methyl 9-cis,11-trans-octad... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.975 | 79.67 ng | 14050200 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 013058-52-1 | 99 |
| 2 | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 99 |
| 3 | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2 | 056554-62-2 | 99 |
| 4 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 99 |
| 5 | Methyl 10-trans,12-cis-octadecad... | 294 | C19H34O2 | 1000336-44-2 | 99 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

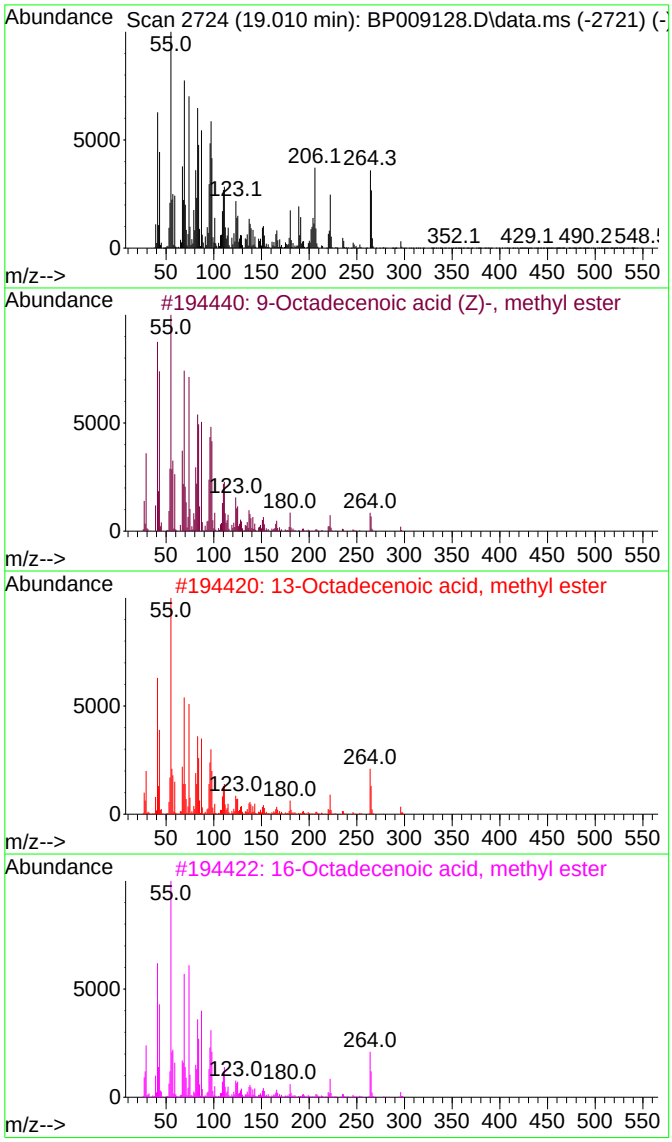
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

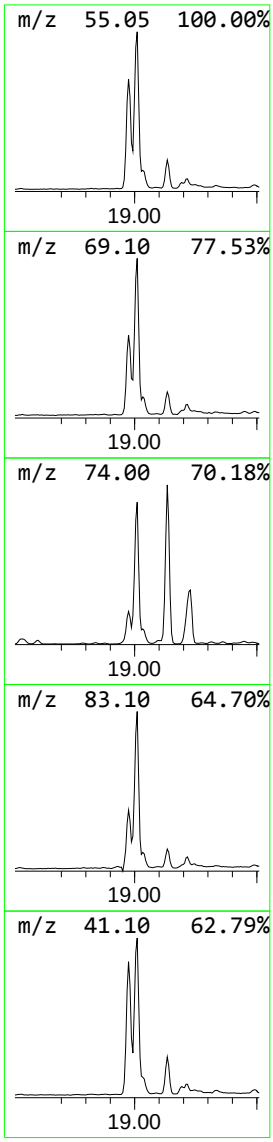
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.010 | 82.42 ng | 14535000 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 99 |
| 2 | 13-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-47-3 | 99 |
| 3 | 16-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-49-5 | 99 |
| 4 | 14-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-48-4 | 99 |
| 5 | 12-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-46-2 | 99 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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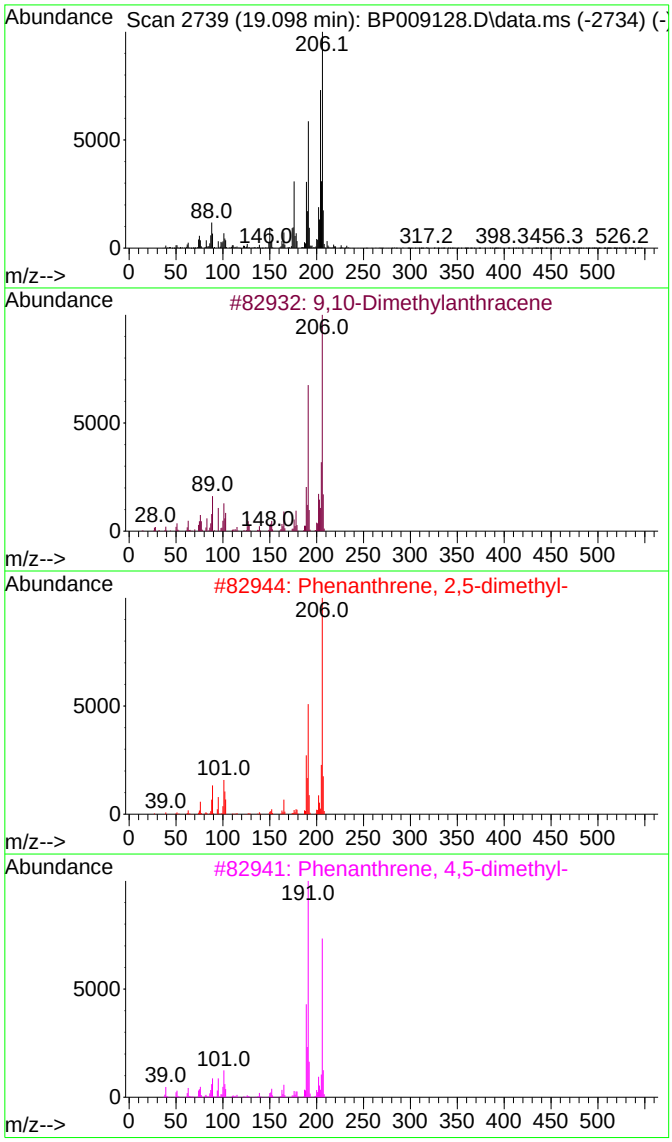
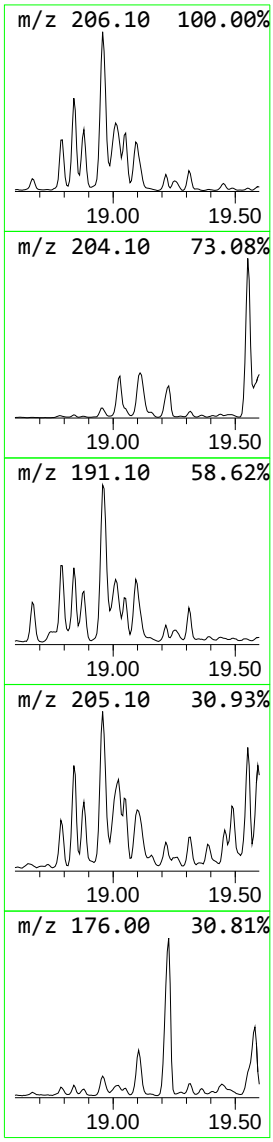
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.098 | 12.23 ng | 2157560 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 92 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 86 |
| 3 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 70 |
| 4 | [14]Annulene, 1,6:8,13-bis(metha... | 206 | C16H14 | 085385-68-8 | 70 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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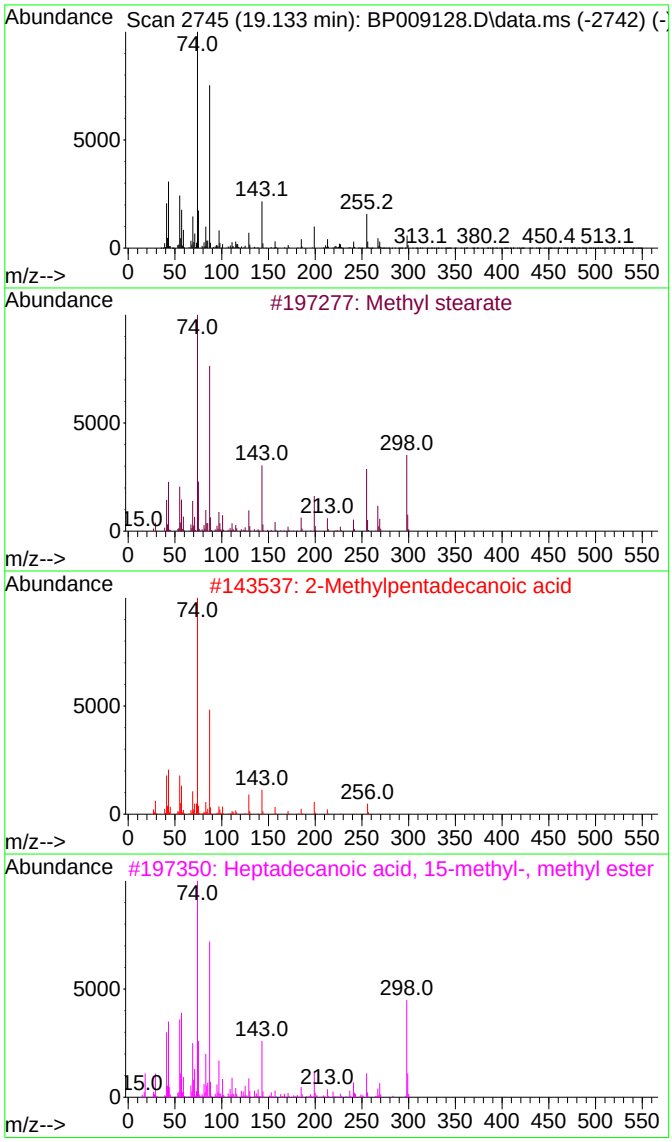
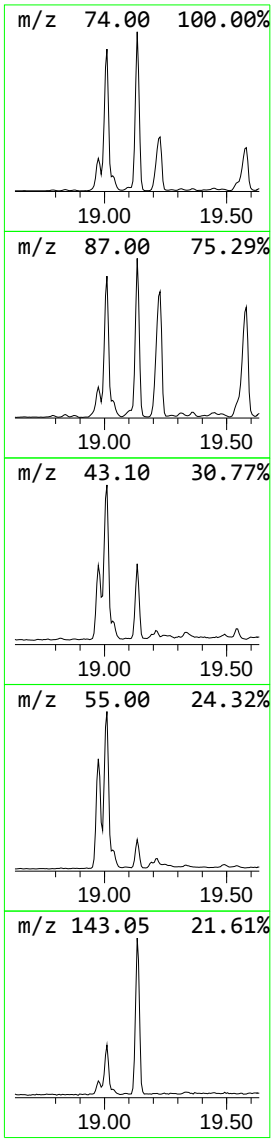
Peak Number 17 Methyl stearate Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.134 | 17.77 ng | 3133930 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl stearate | 298 | C19H38O2 | 000112-61-8 | 95 |
| 2 | 2-Methylpentadecanoic acid | 256 | C16H32O2 | 025354-92-1 | 87 |
| 3 | Heptadecanoic acid, 15-methyl-, ... | 298 | C19H38O2 | 054833-55-5 | 83 |
| 4 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 83 |
| 5 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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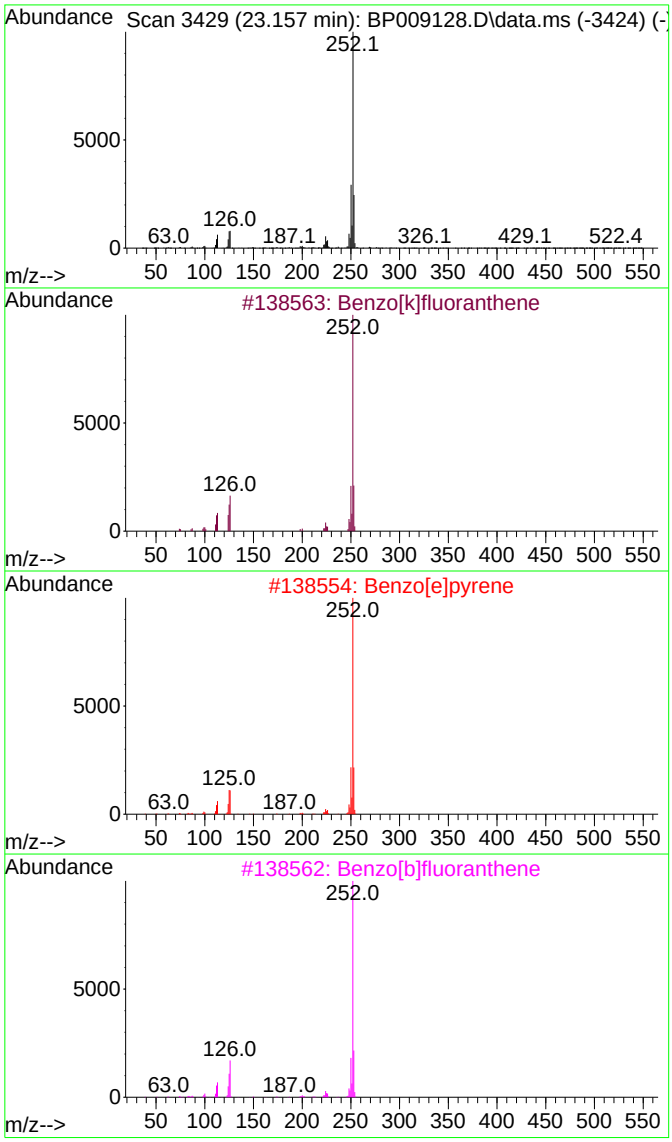
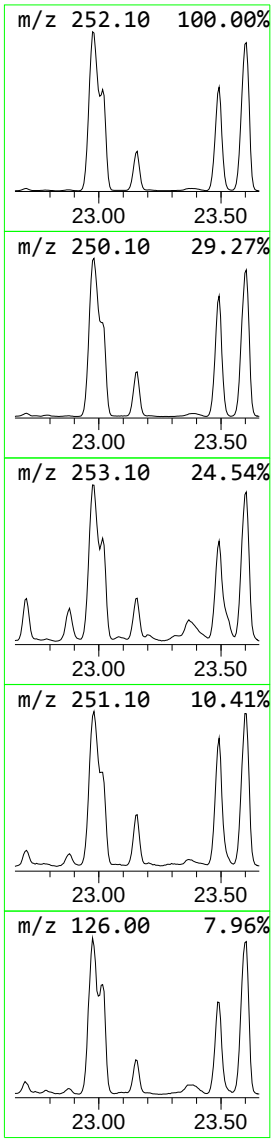
Peak Number 18 Benzo[e]pyrene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.157 | 16.46 ng | 2896560 | Perylene-d12 | 23.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 2 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 94 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 93 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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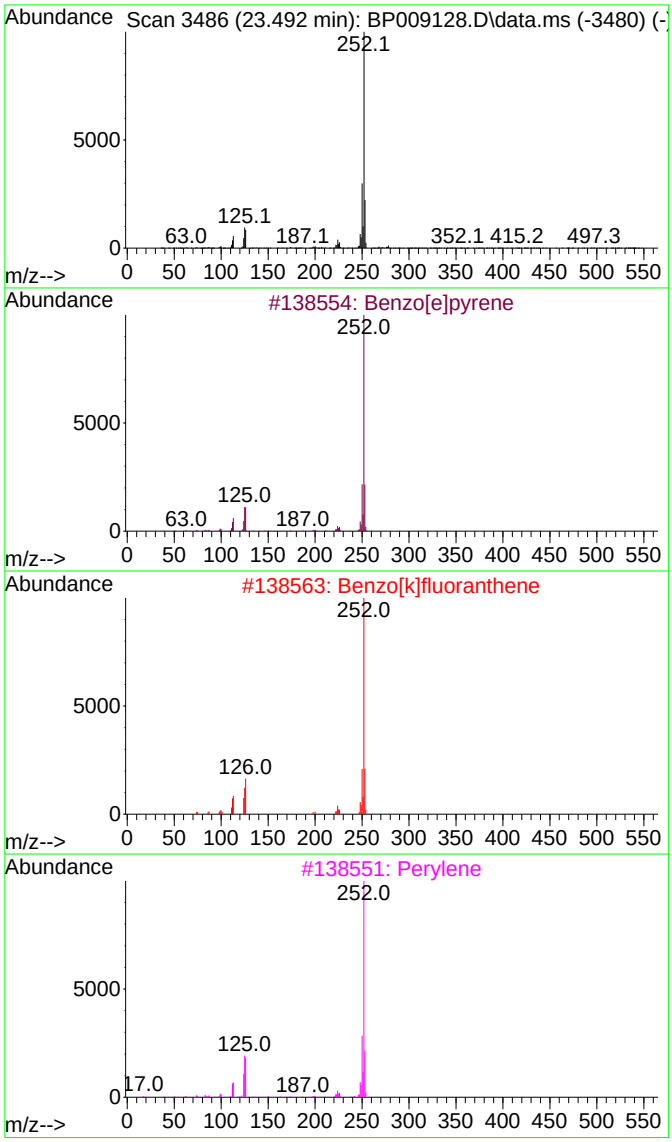
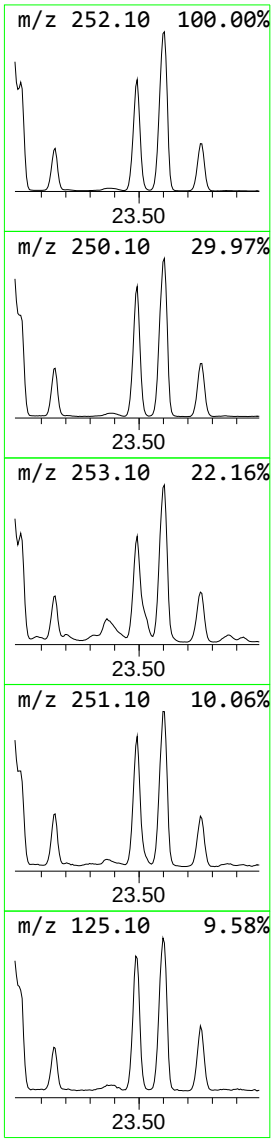
Peak Number 19 Perylene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.492 | 53.61 ng | 9435090 | Perylene-d12 | 23.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 97 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 96 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 4 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 94 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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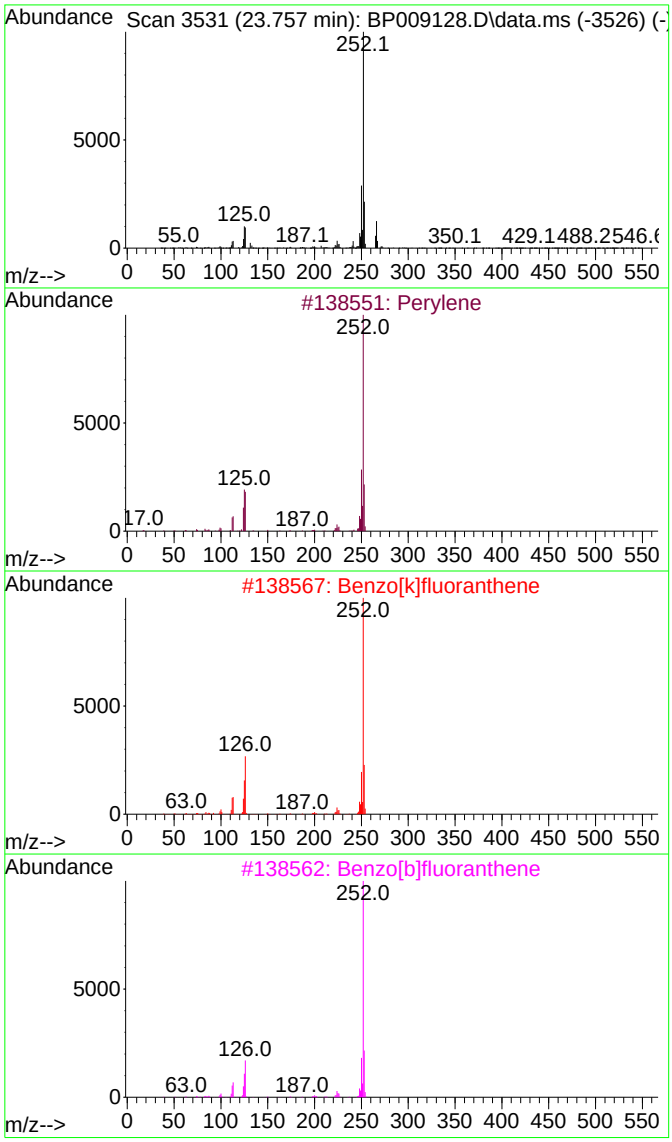
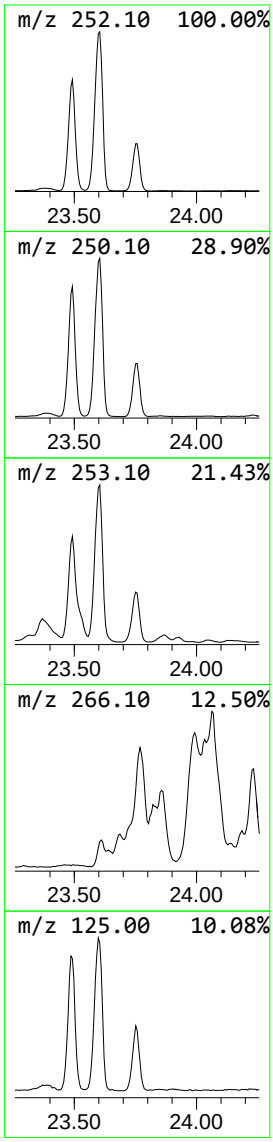
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.757 | 26.94 ng | 4740590 | Perylene-d12 | 23.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 95 |
| 4 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 95 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009128.D
Acq On : 11 Feb 2022 23:32
Operator : CG/JU
Sample : N1505-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SU-02-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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 |
| Naphthalene, 2,... | 13.757 | 14.9 | ng | 2338680 | 3 | 14.440 | 3142810 | 20.0 |
| Naphthalene, 1,... | 13.810 | 8.4 | ng | 1325090 | 3 | 14.440 | 3142810 | 20.0 |
| 9H-Fluorene, 1-... | 16.498 | 10.3 | ng | 1810190 | 4 | 17.198 | 3527160 | 20.0 |
| Dibenzothiophene | 17.016 | 12.1 | ng | 2137840 | 4 | 17.198 | 3527160 | 20.0 |
| Hexadecanoic ac... | 17.869 | 31.4 | ng | 5540470 | 4 | 17.198 | 3527160 | 20.0 |
| Phenanthrene, 2... | 18.069 | 30.3 | ng | 5348550 | 4 | 17.198 | 3527160 | 20.0 |
| Phenanthrene, 1... | 18.116 | 37.7 | ng | 6647760 | 4 | 17.198 | 3527160 | 20.0 |
| Anthracene, 2-m... | 18.198 | 14.2 | ng | 2501080 | 4 | 17.198 | 3527160 | 20.0 |
| 4H-Cyclopenta[d... | 18.257 | 54.5 | ng | 9612940 | 4 | 17.198 | 3527160 | 20.0 |
| Phenanthrene, 4... | 18.292 | 16.2 | ng | 2849960 | 4 | 17.198 | 3527160 | 20.0 |
| Naphthalene, 2-... | 18.551 | 14.0 | ng | 2475020 | 4 | 17.198 | 3527160 | 20.0 |
| Phenanthrene, 2... | 18.786 | 8.8 | ng | 1548080 | 4 | 17.198 | 3527160 | 20.0 |
| Phenanthrene, 3... | 18.839 | 9.9 | ng | 1743180 | 4 | 17.198 | 3527160 | 20.0 |
| Methyl 9-cis,11... | 18.975 | 79.7 | ng | 14050200 | 4 | 17.198 | 3527160 | 20.0 |
| 9-Octadecenoic ... | 19.010 | 82.4 | ng | 14535000 | 4 | 17.198 | 3527160 | 20.0 |
| 9,10-Dimethylan... | 19.098 | 12.2 | ng | 2157560 | 4 | 17.198 | 3527160 | 20.0 |
| Methyl stearate | 19.134 | 17.8 | ng | 3133930 | 4 | 17.198 | 3527160 | 20.0 |
| Benzo[e]pyrene | 23.157 | 16.5 | ng | 2896560 | 6 | 23.698 | 3519770 | 20.0 |
| Perylene | 23.492 | 53.6 | ng | 9435090 | 6 | 23.698 | 3519770 | 20.0 |
| Benzo[j]fluoran... | 23.757 | 26.9 | ng | 4740590 | 6 | 23.698 | 3519770 | 20.0 |