LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007337.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.981 | 317 | 322 | 332 | rVB | 70149 | 104522 | 1.12% | 0.119% |
| 2 | 5.440 | 393 | 400 | 406 | rBV | 2546696 | 3773467 | 40.53% | 4.298% |
| 3 | 5.493 | 406 | 409 | 425 | rVB | 88129 | 184235 | 1.98% | 0.210% |
| 4 | 5.840 | 462 | 468 | 479 | rVB2 | 497623 | 839120 | 9.01% | 0.956% |
| 5 | 7.040 | 661 | 672 | 701 | rBV | 2210251 | 3971943 | 42.66% | 4.524% |
| 6 | 7.505 | 743 | 751 | 758 | rBV | 122001 | 194404 | 2.09% | 0.221% |
| 7 | 7.858 | 803 | 811 | 821 | rBV | 492841 | 780992 | 8.39% | 0.890% |
| 8 | 9.022 | 1002 | 1009 | 1025 | rBV | 1413602 | 2403592 | 25.82% | 2.738% |
| 9 | 10.452 | 1245 | 1252 | 1271 | rBV | 225534 | 568177 | 6.10% | 0.647% |
| 10 | 10.657 | 1279 | 1287 | 1293 | rBV | 588079 | 1024277 | 11.00% | 1.167% |
| 11 | 12.322 | 1559 | 1570 | 1583 | rBV | 58550 | 104852 | 1.13% | 0.119% |
| 12 | 12.540 | 1597 | 1607 | 1614 | rBV | 87357 | 146340 | 1.57% | 0.167% |
| 13 | 13.116 | 1698 | 1705 | 1729 | rBV | 3602937 | 5676763 | 60.97% | 6.466% |
| 14 | 13.675 | 1792 | 1800 | 1809 | rBV3 | 38437 | 107649 | 1.16% | 0.123% |
| 15 | 13.816 | 1817 | 1824 | 1829 | rBV | 104057 | 188719 | 2.03% | 0.215% |
| 16 | 13.957 | 1842 | 1848 | 1857 | rBV | 87391 | 147730 | 1.59% | 0.168% |
| 17 | 14.216 | 1888 | 1892 | 1900 | rVB | 64625 | 101342 | 1.09% | 0.115% |
| 18 | 14.492 | 1930 | 1939 | 1946 | rBV | 854408 | 1356607 | 14.57% | 1.545% |
| 19 | 14.557 | 1946 | 1950 | 1958 | rVB | 169059 | 273534 | 2.94% | 0.312% |
| 20 | 14.892 | 2001 | 2007 | 2015 | rVB | 102452 | 169969 | 1.83% | 0.194% |
| 21 | 15.287 | 2066 | 2074 | 2077 | rBV2 | 70675 | 129330 | 1.39% | 0.147% |
| 22 | 15.545 | 2111 | 2118 | 2129 | rBV | 204465 | 345869 | 3.72% | 0.394% |
| 23 | 15.834 | 2163 | 2167 | 2176 | rVB | 78135 | 149711 | 1.61% | 0.171% |
| 24 | 15.987 | 2177 | 2193 | 2206 | rBV | 2909532 | 4619040 | 49.61% | 5.262% |
| 25 | 16.198 | 2224 | 2229 | 2239 | rVB2 | 128185 | 281878 | 3.03% | 0.321% |
| 26 | 16.551 | 2278 | 2289 | 2293 | rBV3 | 89421 | 229657 | 2.47% | 0.262% |
| 27 | 16.598 | 2293 | 2297 | 2302 | rVB2 | 72395 | 108552 | 1.17% | 0.124% |
| 28 | 16.775 | 2319 | 2327 | 2331 | rBV3 | 54274 | 121686 | 1.31% | 0.139% |
| 29 | 16.904 | 2344 | 2349 | 2355 | rVB | 132639 | 209510 | 2.25% | 0.239% |
| 30 | 16.975 | 2356 | 2361 | 2368 | rVV4 | 61119 | 149419 | 1.60% | 0.170% |
| 31 | 17.063 | 2371 | 2376 | 2384 | rVB | 173598 | 276006 | 2.96% | 0.314% |
| 32 | 17.245 | 2401 | 2407 | 2410 | rBV | 1152803 | 1678681 | 18.03% | 1.912% |
| 33 | 17.286 | 2410 | 2414 | 2421 | rVV | 3164188 | 4413661 | 47.41% | 5.028% |
| 34 | 17.381 | 2424 | 2430 | 2435 | rVV | 802496 | 1183087 | 12.71% | 1.348% |
| 35 | 17.439 | 2435 | 2440 | 2445 | rVB2 | 46510 | 95574 | 1.03% | 0.109% |
| 36 | 17.657 | 2469 | 2477 | 2482 | rBV2 | 159646 | 326658 | 3.51% | 0.372% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.828 | 2501 | 2506 | 2514 | rVB3 | 143439 | 246118 | 2.64% | 0.280% |
| 38 | 17.916 | 2514 | 2521 | 2525 | rBV3 | 85629 | 159476 | 1.71% | 0.182% |
| 39 | 17.963 | 2525 | 2529 | 2537 | rVB | 70382 | 135885 | 1.46% | 0.155% |
| 40 | 18.110 | 2549 | 2554 | 2559 | rBV | 619717 | 952627 | 10.23% | 1.085% |
| 41 | 18.163 | 2559 | 2563 | 2569 | rVB | 780485 | 1087295 | 11.68% | 1.239% |
| 42 | 18.239 | 2571 | 2576 | 2580 | rBV | 314052 | 425485 | 4.57% | 0.485% |
| 43 | 18.298 | 2580 | 2586 | 2590 | rVV2 | 733153 | 1380192 | 14.82% | 1.572% |
| 44 | 18.333 | 2590 | 2592 | 2599 | rVB | 475027 | 596579 | 6.41% | 0.680% |
| 45 | 18.598 | 2632 | 2637 | 2641 | rBV | 360827 | 484600 | 5.21% | 0.552% |
| 46 | 18.639 | 2641 | 2644 | 2653 | rVB2 | 191585 | 298761 | 3.21% | 0.340% |
| 47 | 18.833 | 2674 | 2677 | 2681 | rVB | 146980 | 163798 | 1.76% | 0.187% |
| 48 | 18.880 | 2682 | 2685 | 2688 | rVB | 116994 | 125126 | 1.34% | 0.143% |
| 49 | 18.922 | 2688 | 2692 | 2696 | rVB | 136008 | 174410 | 1.87% | 0.199% |
| 50 | 18.998 | 2700 | 2705 | 2710 | rBV | 387319 | 661822 | 7.11% | 0.754% |
| 51 | 19.051 | 2710 | 2714 | 2719 | rVV4 | 133517 | 270822 | 2.91% | 0.308% |
| 52 | 19.139 | 2724 | 2729 | 2742 | rVB3 | 248351 | 509403 | 5.47% | 0.580% |
| 53 | 19.257 | 2743 | 2749 | 2755 | rBV | 3873688 | 4940976 | 53.07% | 5.628% |
| 54 | 19.316 | 2756 | 2759 | 2762 | rVV | 86320 | 99547 | 1.07% | 0.113% |
| 55 | 19.351 | 2762 | 2765 | 2770 | rVB | 127680 | 164145 | 1.76% | 0.187% |
| 56 | 19.492 | 2785 | 2789 | 2792 | rBV | 126804 | 155584 | 1.67% | 0.177% |
| 57 | 19.580 | 2799 | 2804 | 2805 | rBV | 593342 | 772204 | 8.29% | 0.880% |
| 58 | 19.610 | 2805 | 2809 | 2817 | rVV | 3573973 | 4844265 | 52.03% | 5.518% |
| 59 | 19.680 | 2817 | 2821 | 2827 | rVB3 | 226351 | 362863 | 3.90% | 0.413% |
| 60 | 19.804 | 2835 | 2842 | 2847 | rBV | 7817188 | 9310009 | 100.00% | 10.605% |
| 61 | 19.845 | 2847 | 2849 | 2854 | rVB | 150583 | 180848 | 1.94% | 0.206% |
| 62 | 19.922 | 2857 | 2862 | 2870 | rBV2 | 329172 | 804210 | 8.64% | 0.916% |
| 63 | 20.057 | 2880 | 2885 | 2887 | rBV4 | 246888 | 425261 | 4.57% | 0.484% |
| 64 | 20.092 | 2887 | 2891 | 2895 | rVB | 469999 | 712633 | 7.65% | 0.812% |
| 65 | 20.186 | 2904 | 2907 | 2911 | rBV | 205638 | 255541 | 2.74% | 0.291% |
| 66 | 20.245 | 2911 | 2917 | 2921 | rVV2 | 432490 | 693723 | 7.45% | 0.790% |
| 67 | 20.380 | 2936 | 2940 | 2944 | rBV | 300122 | 398138 | 4.28% | 0.454% |
| 68 | 20.427 | 2944 | 2948 | 2952 | rVV | 336431 | 408569 | 4.39% | 0.465% |
| 69 | 20.539 | 2965 | 2967 | 2971 | rVB2 | 100349 | 115094 | 1.24% | 0.131% |
| 70 | 20.822 | 3011 | 3015 | 3021 | rBV | 478886 | 617699 | 6.63% | 0.704% |
| 71 | 20.980 | 3038 | 3042 | 3046 | rBV2 | 332836 | 524153 | 5.63% | 0.597% |
| 72 | 21.022 | 3046 | 3049 | 3051 | rBV | 322456 | 371877 | 3.99% | 0.424% |
| 73 | 21.116 | 3061 | 3065 | 3071 | rVB2 | 430878 | 606619 | 6.52% | 0.691% |
| 74 | 21.322 | 3095 | 3100 | 3105 | rBV2 | 2677917 | 5395543 | 57.95% | 6.146% |
| 75 | 21.369 | 3105 | 3108 | 3118 | rVB | 1897345 | 2550352 | 27.39% | 2.905% |
| 76 | 21.904 | 3196 | 3199 | 3203 | rVB2 | 366900 | 459486 | 4.94% | 0.523% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 21.957 | 3206 | 3208 | 3214 | rVB | 256198 | 325134 | 3.49% | 0.370% |
| 78 | 23.004 | 3380 | 3386 | 3391 | rBV | 1088882 | 2698225 | 28.98% | 3.074% |
| 79 | 23.521 | 3469 | 3474 | 3484 | rVB | 663755 | 1344775 | 14.44% | 1.532% |
| 80 | 23.627 | 3486 | 3492 | 3499 | rVB | 1058975 | 2082974 | 22.37% | 2.373% |
| 81 | 23.733 | 3504 | 3510 | 3515 | rBV2 | 1072212 | 2058438 | 22.11% | 2.345% |

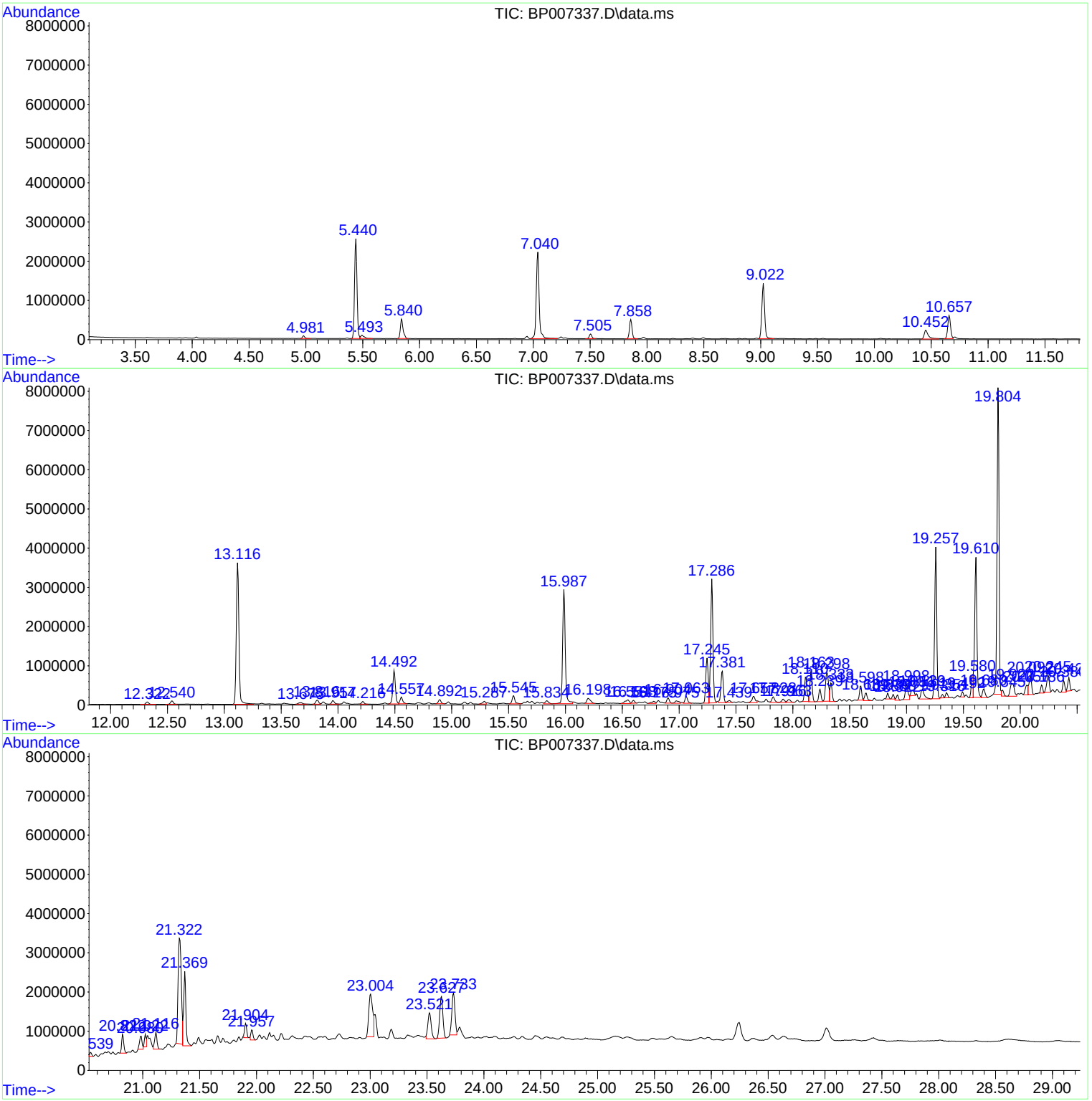
Sum of corrected areas: 87787837

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

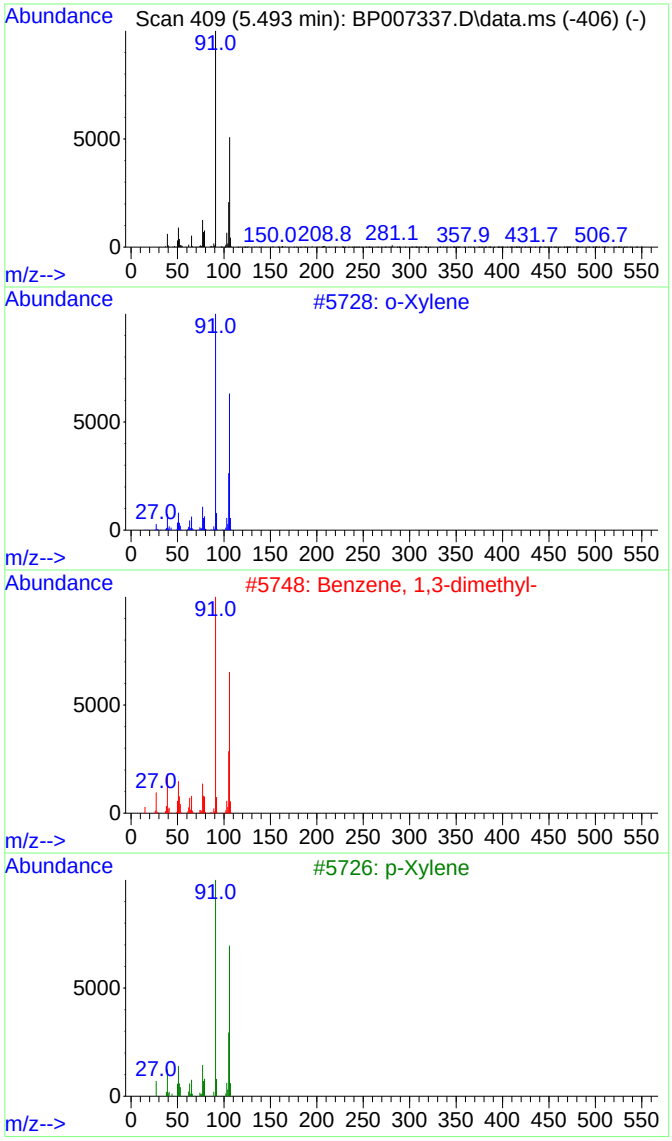
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

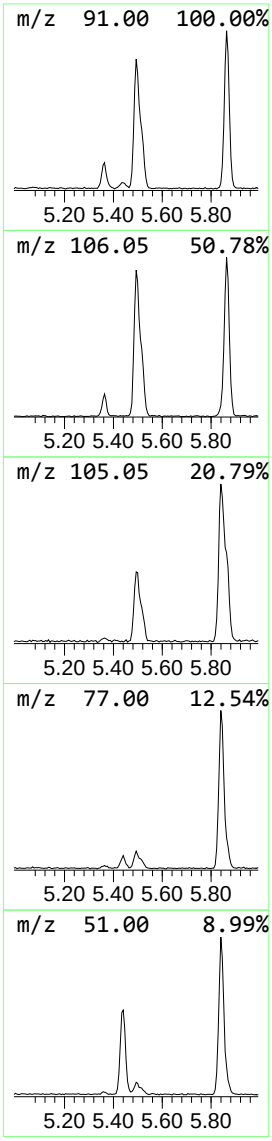
**********

Peak Number 1 o-Xylene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.493 | 4.72 ng | 184235 | 1,4-Dichlorobenzene-d4 | 7.858 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Xylene | 106 | C8H10 | 000095-47-6 | 91 |
| 2 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 91 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 91 |
| 4 | 1,3-Cyclopentadiene, 5-(1-methyl... | 106 | C8H10 | 002175-91-9 | 86 |
| 5 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

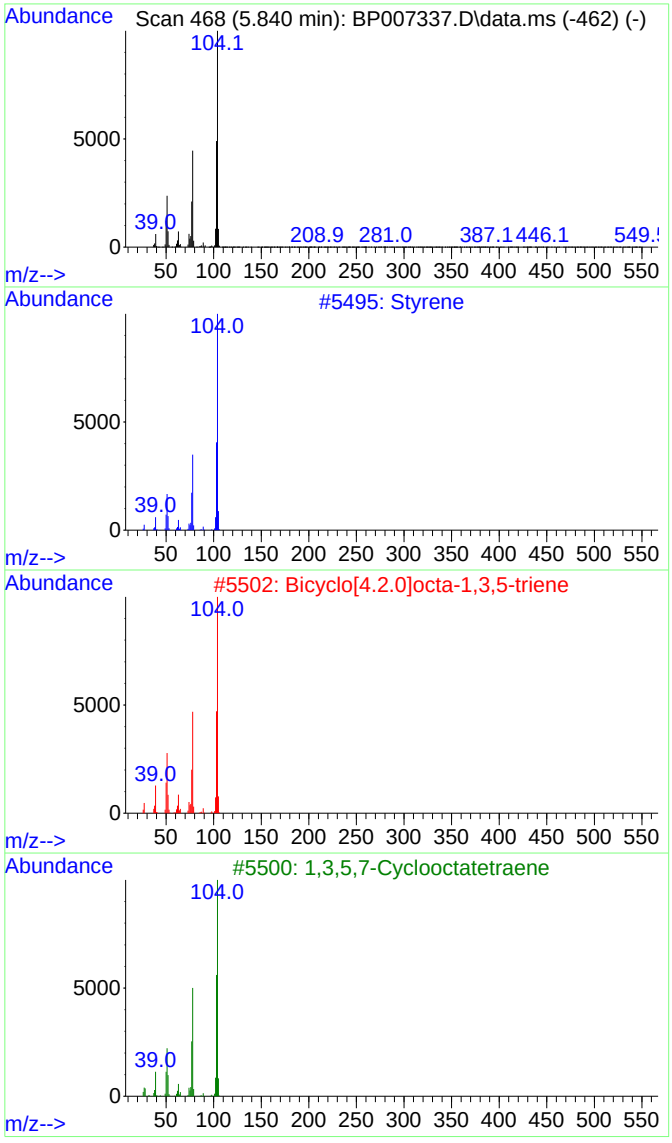
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

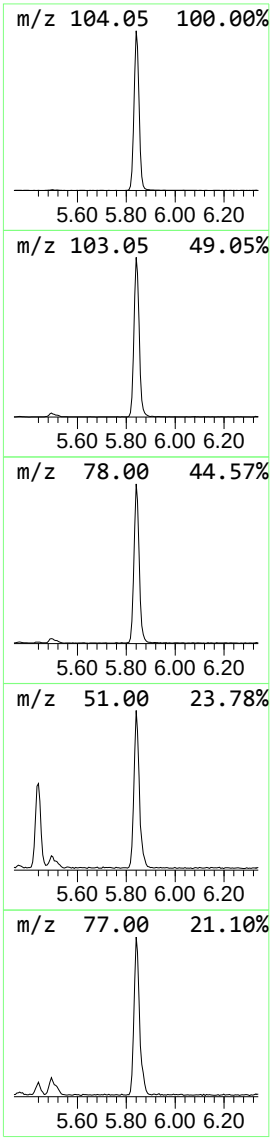
**********

Peak Number 2 Styrene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.840 | 21.49 ng | 839120 | 1,4-Dichlorobenzene-d4 | 7.858 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Styrene | 104 | C8H8 | 000100-42-5 | 97 |
| 2 | Bicyclo[4.2.0]octa-1,3,5-triene | 104 | C8H8 | 000694-87-1 | 96 |
| 3 | 1,3,5,7-Cyclooctatetraene | 104 | C8H8 | 000629-20-9 | 94 |
| 4 | Butanedioic acid, phenyl- | 194 | C10H10O4 | 000635-51-8 | 64 |
| 5 | 1,3,7-Octatrien-5-yne | 104 | C8H8 | 016607-77-5 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

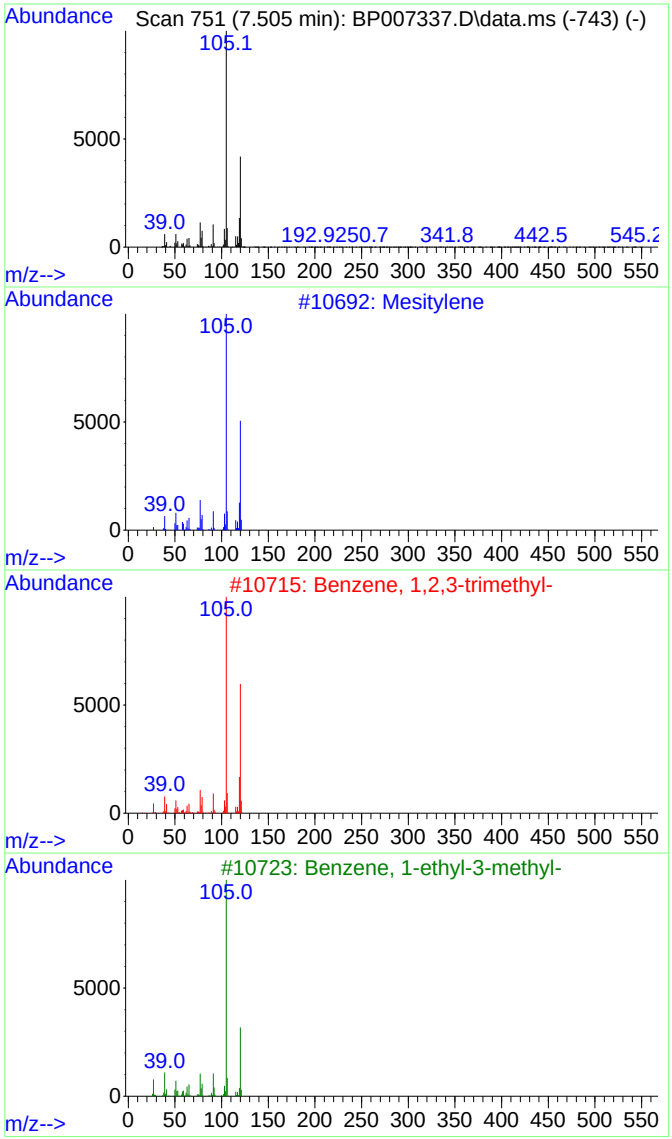
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

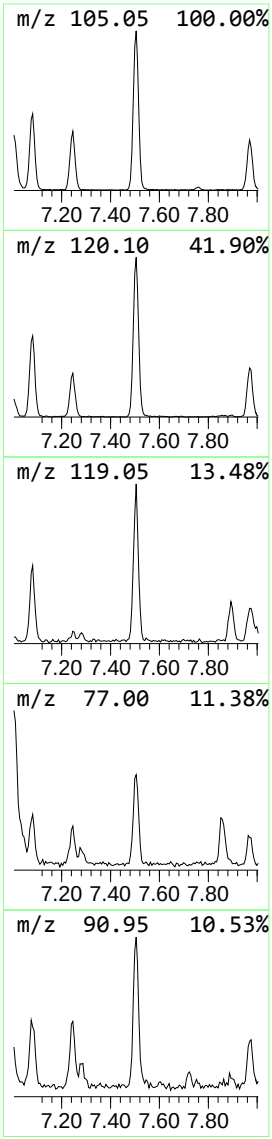
**********

Peak Number 3 Mesitylene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.505 | 4.98 ng | 194404 | 1,4-Dichlorobenzene-d4 | 7.858 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

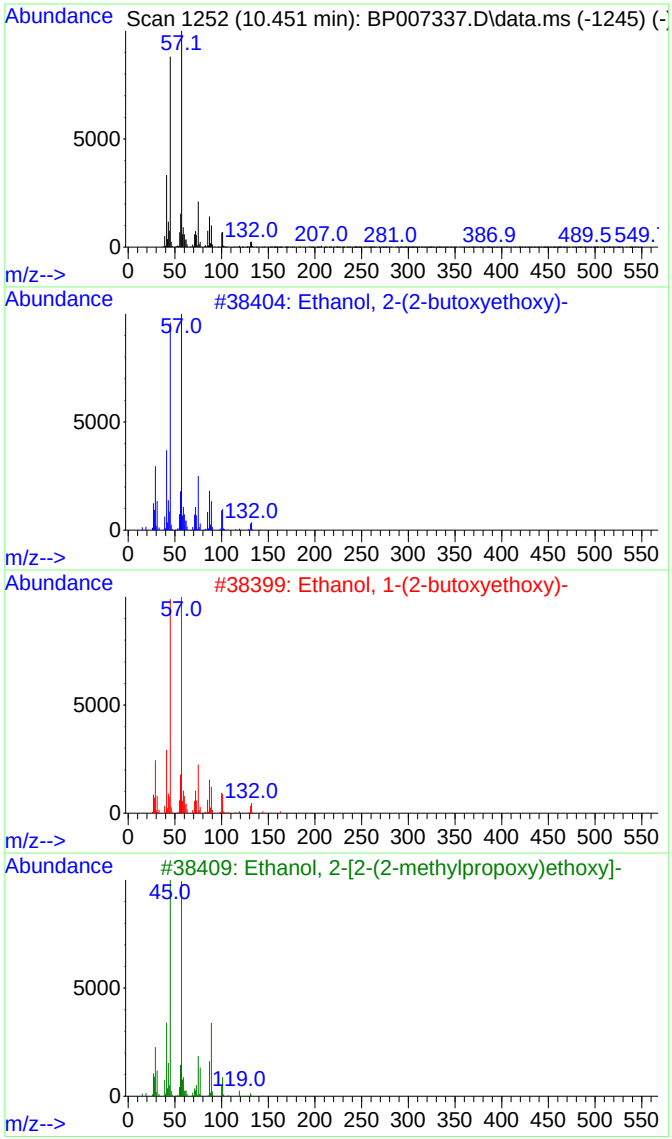
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

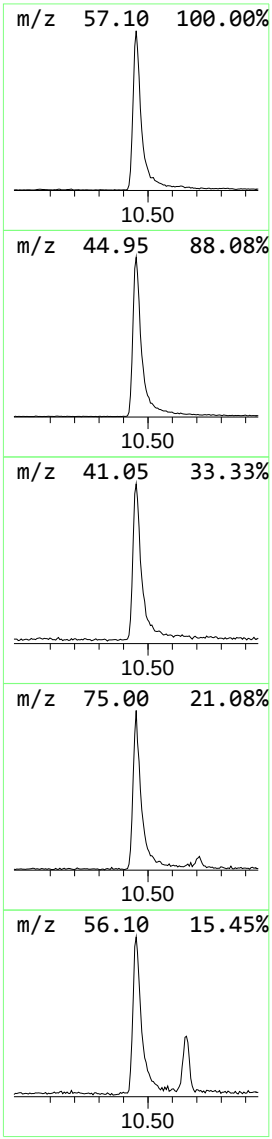
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.451 | 11.09 ng | 568177 | Naphthalene-d8 | 10.657 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 91 |
| 2 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |
| 3 | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 72 |
| 4 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64 |
| 5 | Ethanol, 2-[2-(2-butoxyethoxy)et... | 206 | C10H22O4 | 000143-22-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

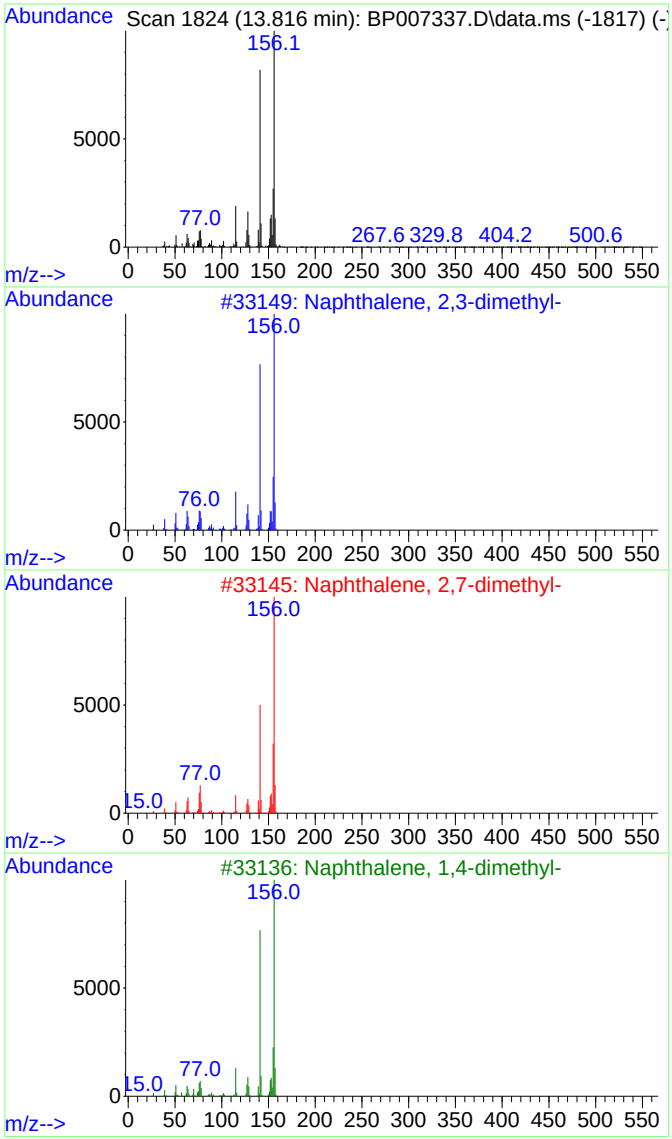
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

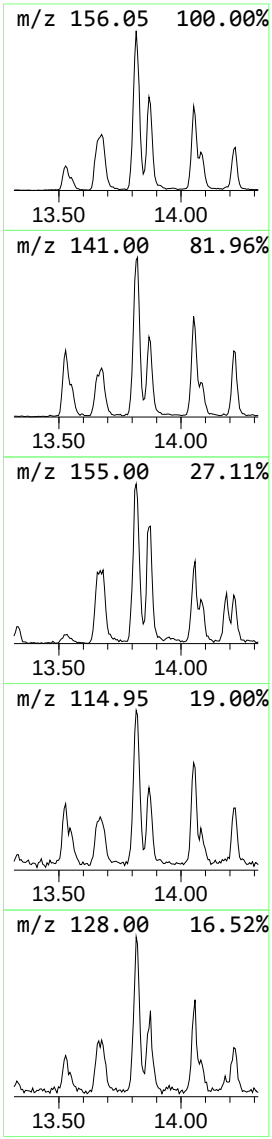
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.816 | 2.78 ng | 188719 | Acenaphthene-d10 | 14.493 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

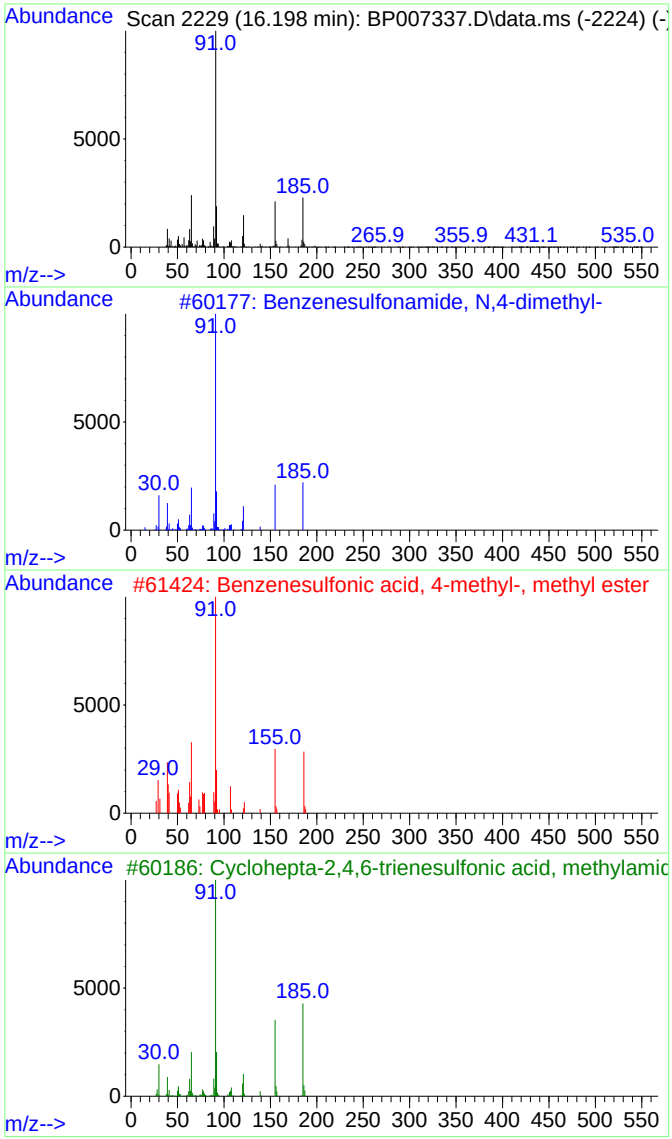
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

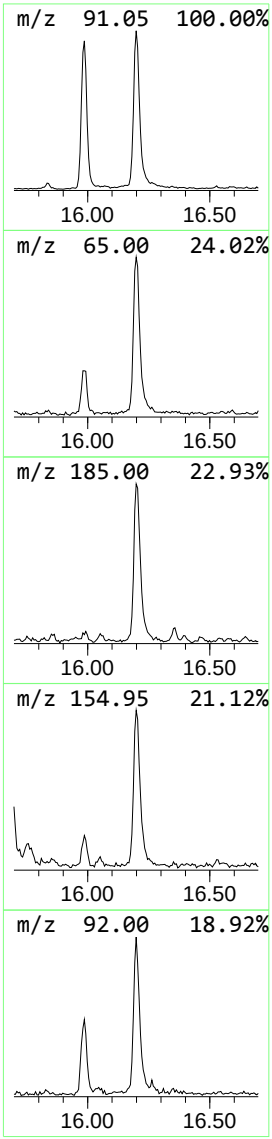
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzenesulfonamide, N,4-dim... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.198 | 3.36 ng | 281878 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenesulfonamide, N,4-dimethyl- | 185 | C8H11NO2S | 000640-61-9 | 96 |
| 2 | Benzenesulfonic acid, 4-methyl-,... | 186 | C8H10O3S | 000080-48-8 | 58 |
| 3 | Cyclohepta-2,4,6-trienesulfonic ... | 185 | C8H11NO2S | 1000187-28-7 | 52 |
| 4 | 4-Toluenesulfonylmethyl isocyanide | 195 | C9H9NO2S | 036635-61-7 | 47 |
| 5 | (O-p-Tosylisonitroso)malononitrile | 249 | C10H7N3O3S | 020893-01-0 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

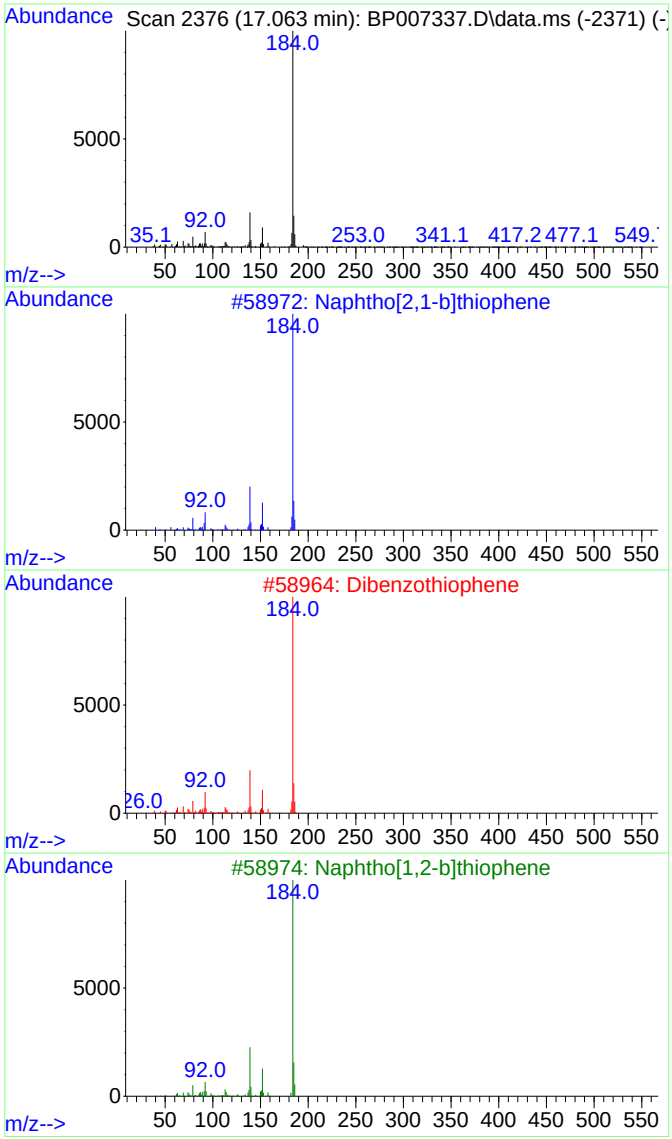
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

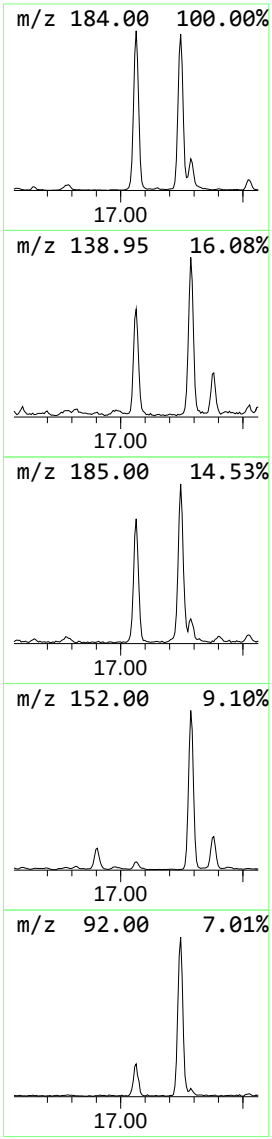
**********

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.063 | 3.29 ng | 276006 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 97 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 3 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 97 |
| 4 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 93 |
| 5 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 90 |



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Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

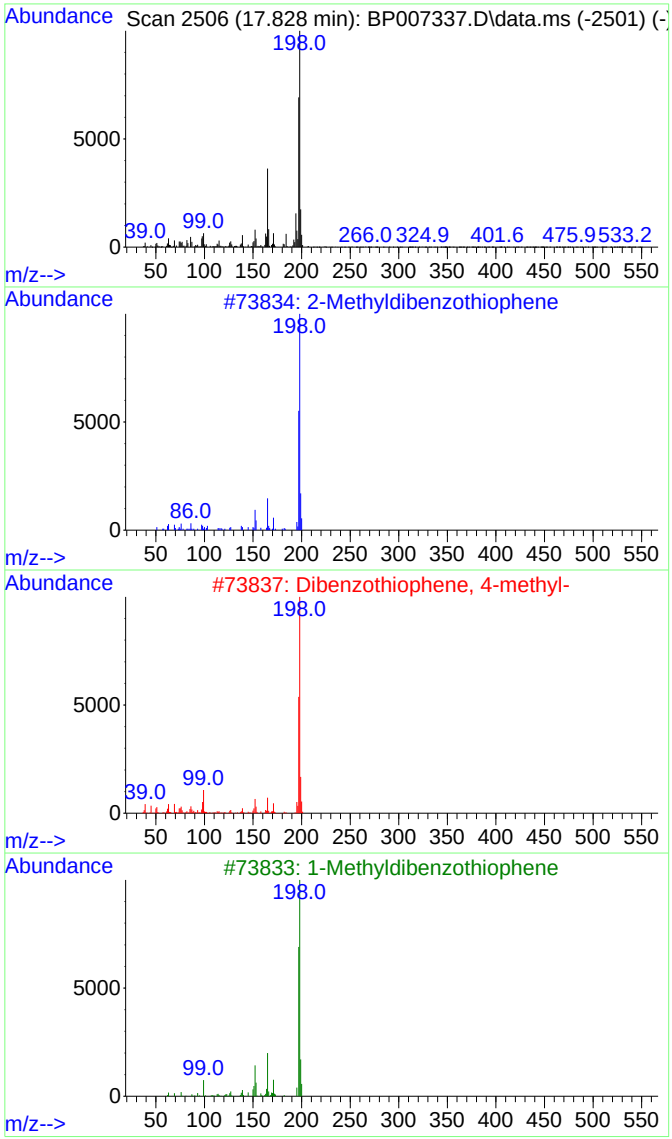
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

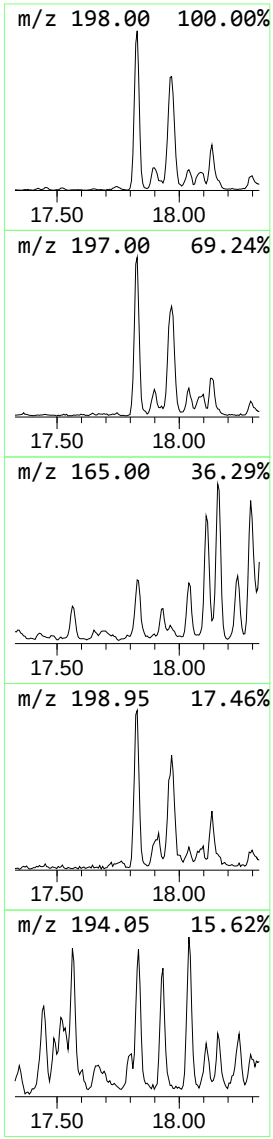
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 2-Methyldibenzothiophene Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.828 | 2.93 ng | 246118 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyldibenzothiophene | 198 | C13H10S | 1000383-55-1 | 90 |
| 2 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 90 |
| 3 | 1-Methyldibenzothiophene | 198 | C13H10S | 031317-07-4 | 83 |
| 4 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 81 |
| 5 | Thioxanthene | 198 | C13H10S | 000261-31-4 | 64 |



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Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

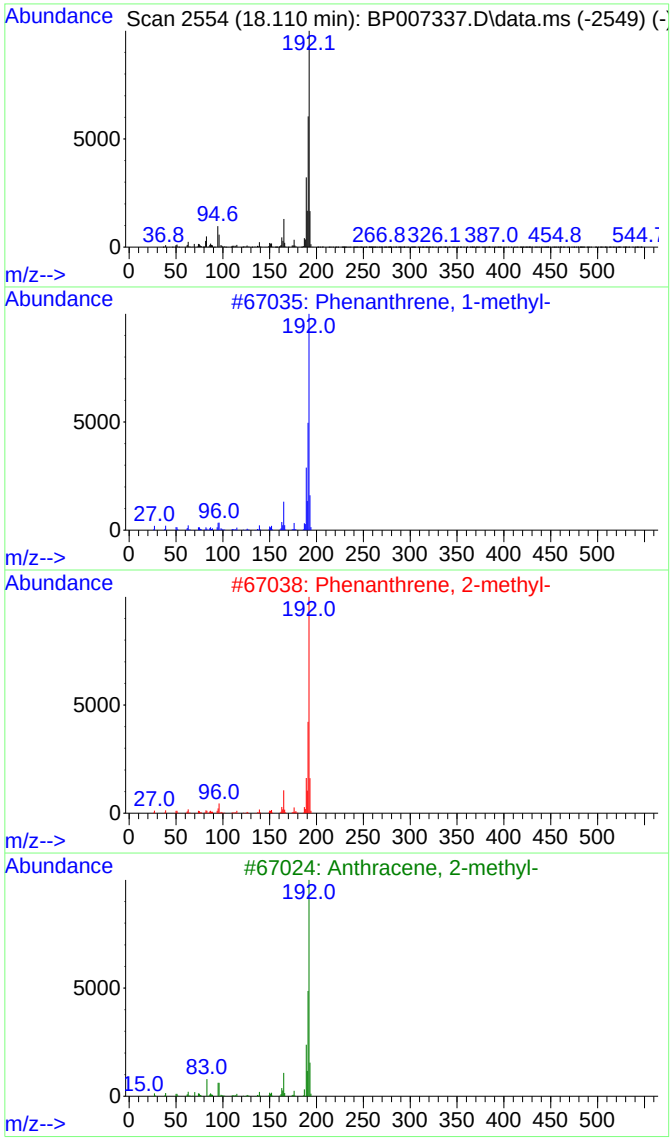
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

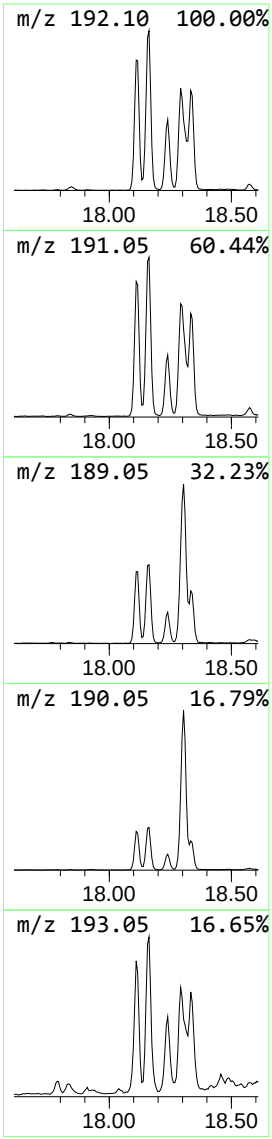
**********

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.110 | 11.35 ng | 952627 | Phenanthrene-d10 | 17.245 |

| 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 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

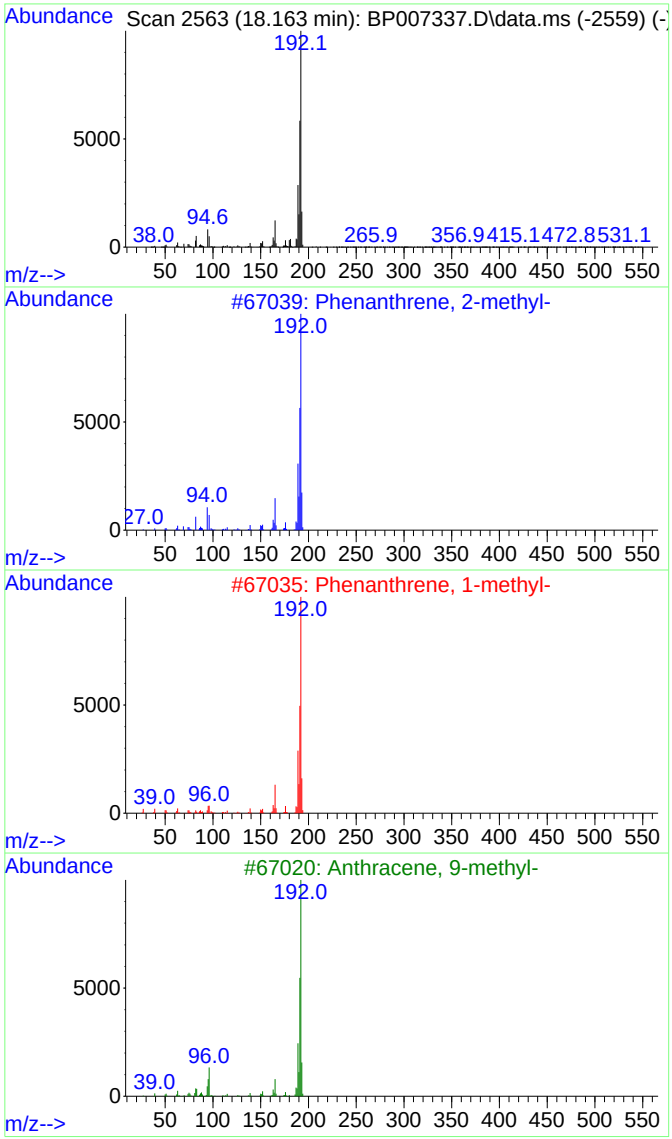
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

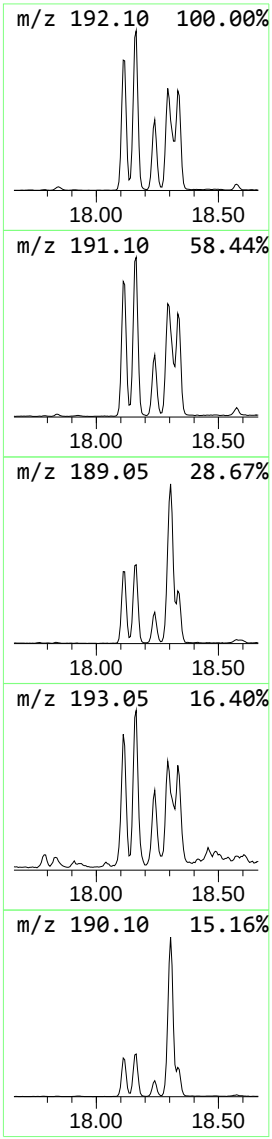
**********

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.163 | 12.95 ng | 1087300 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 95 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |



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Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

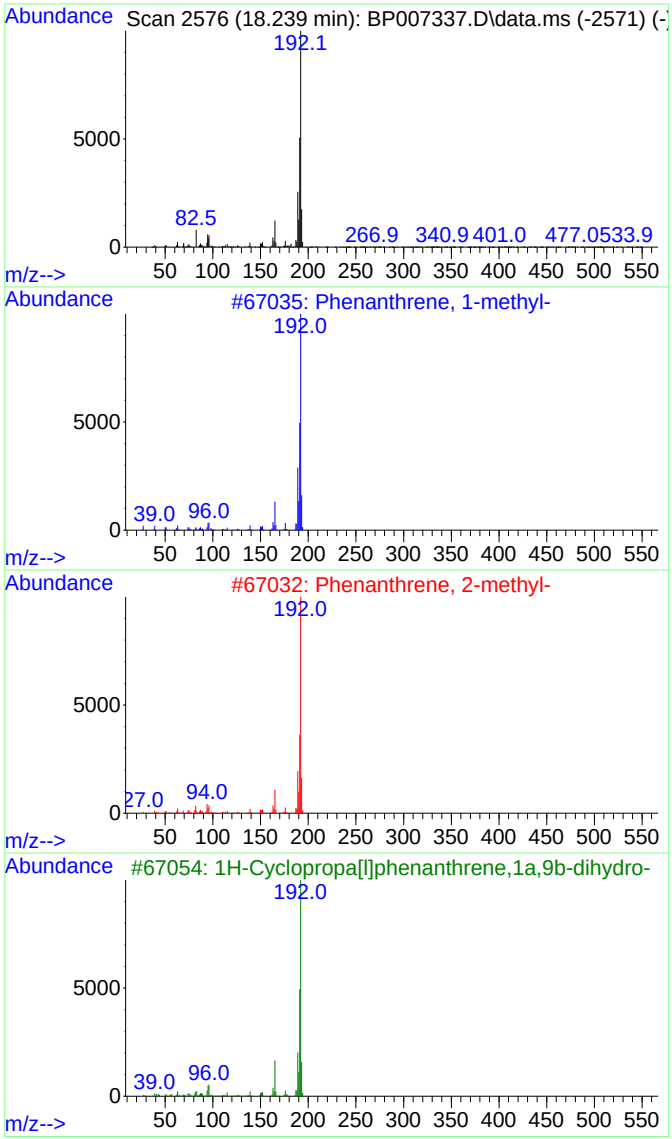
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

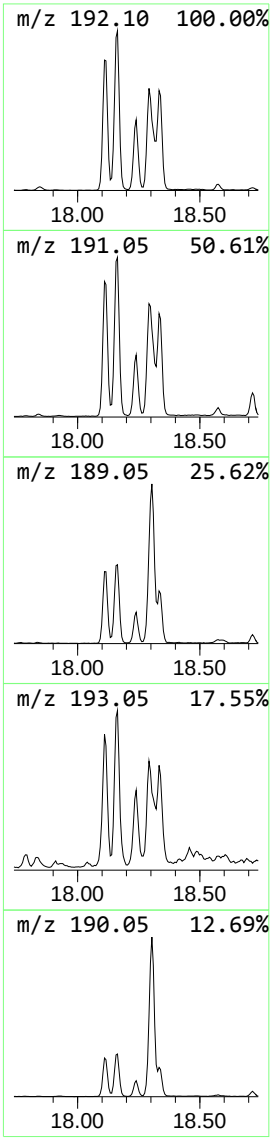
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.239 | 5.07 ng | 425485 | Phenanthrene-d10 | 17.245 |

| 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 | 96 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

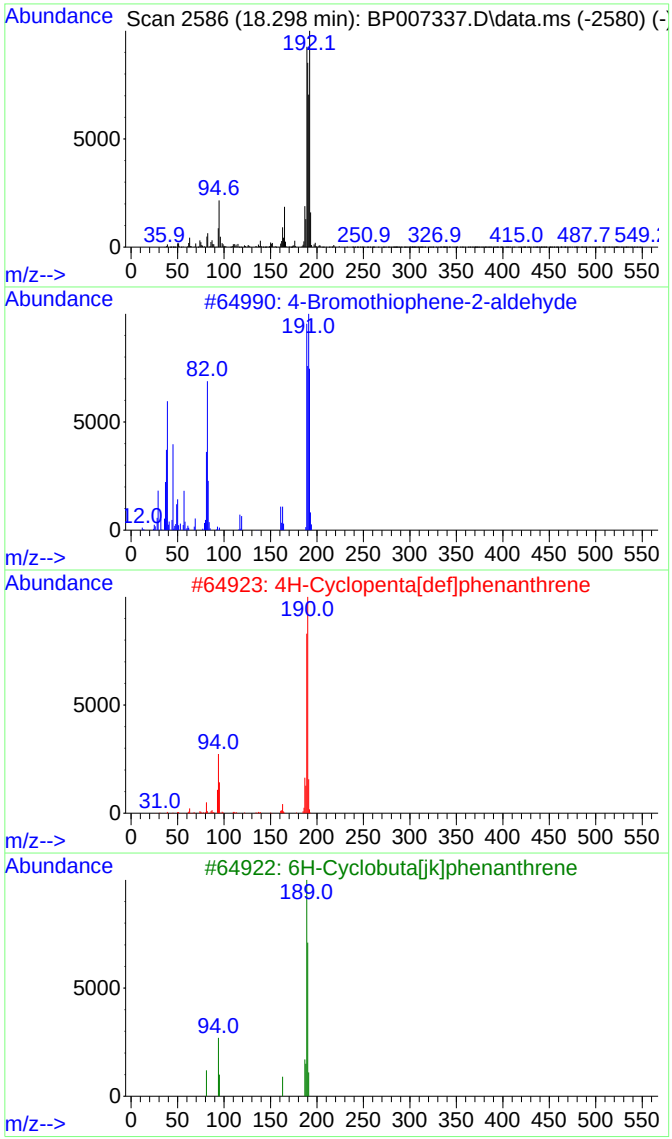
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

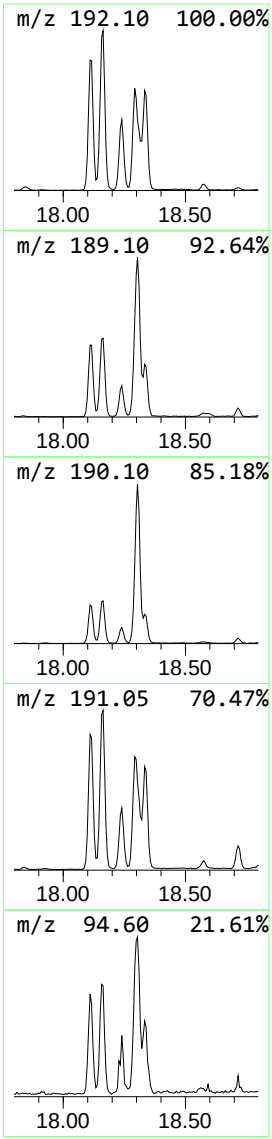
**********

Peak Number 12 4-Bromothiophene-2-aldehyde Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.298 | 16.44 ng | 1380190 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Bromothiophene-2-aldehyde | 190 | C5H3BrOS | 018791-75-8 | 64 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 60 |
| 3 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 49 |
| 4 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 46 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

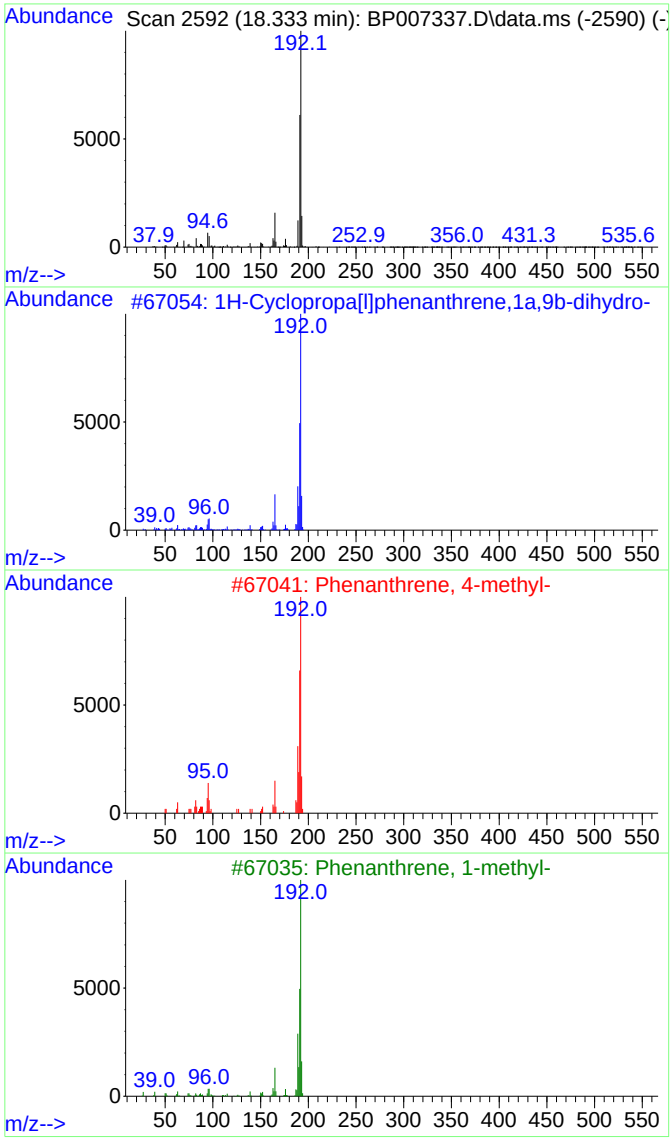
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

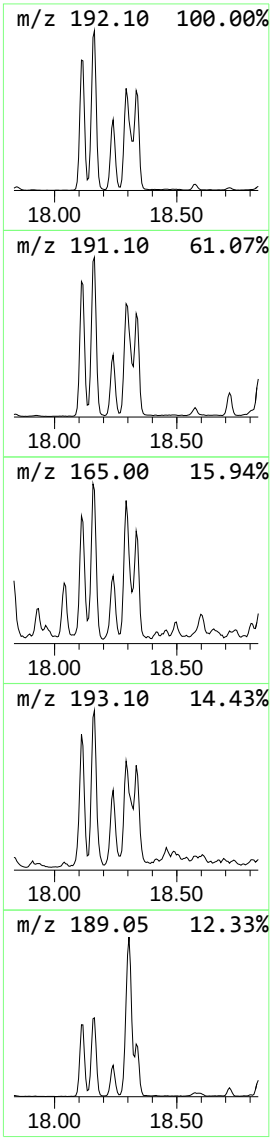
**********

Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.333 | 7.11 ng | 596579 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 90 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 87 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

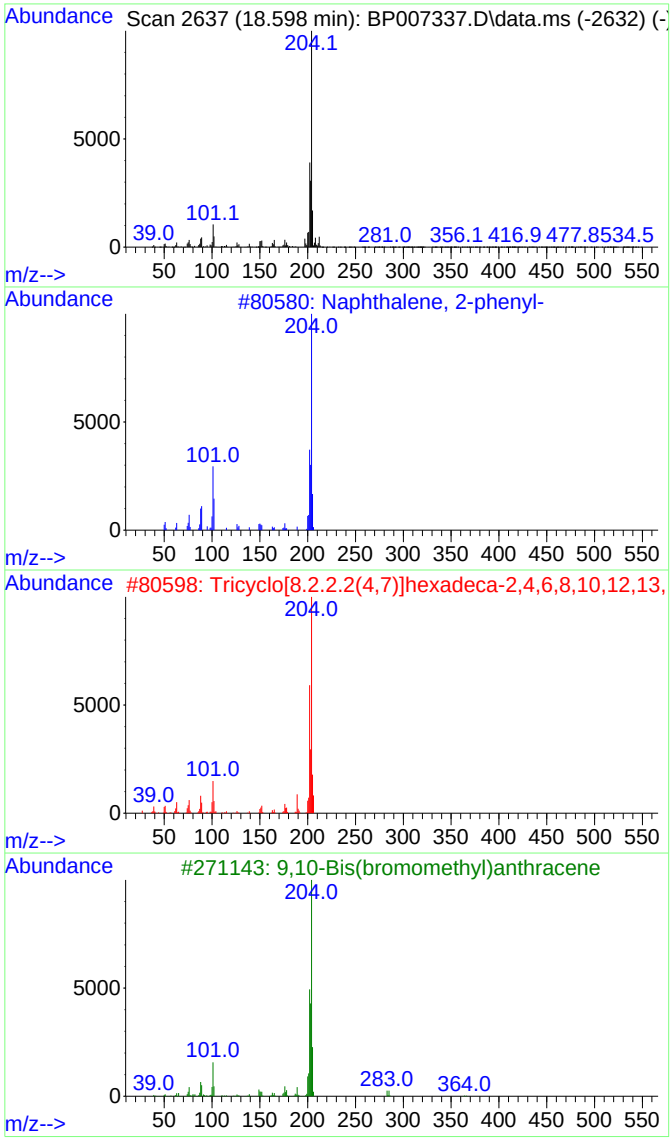
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

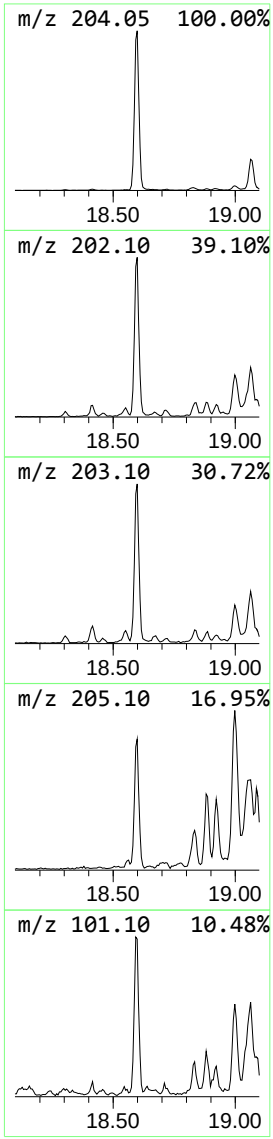
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.598 | 5.77 ng | 484600 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 83 |
| 2 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 62 |
| 3 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 58 |
| 4 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 46 |
| 5 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

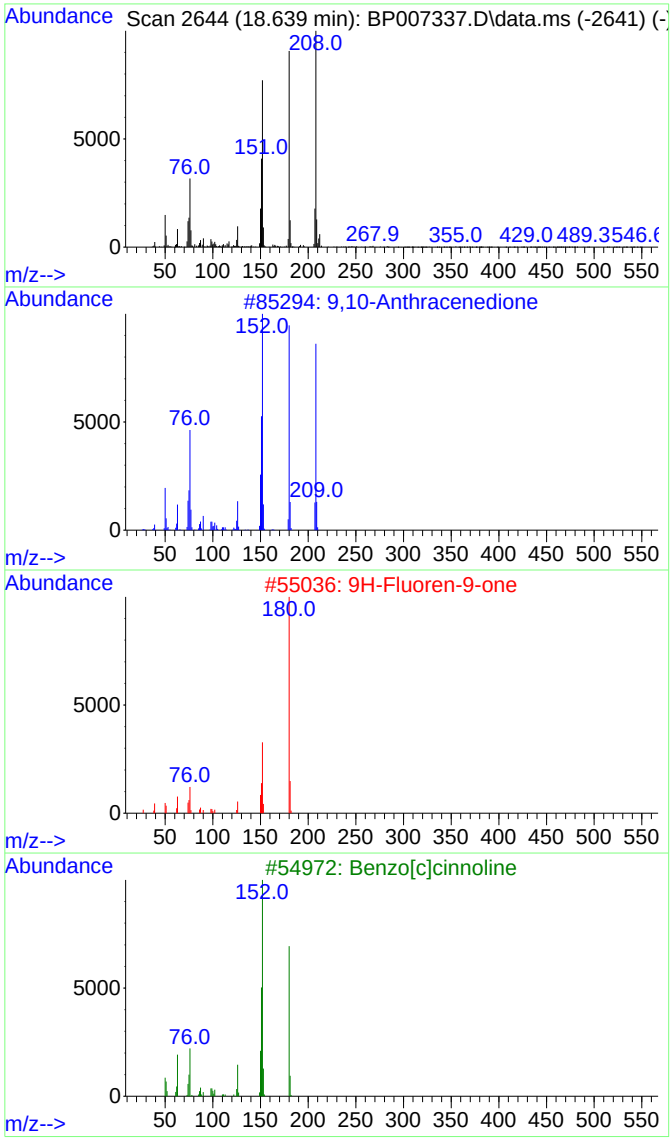
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

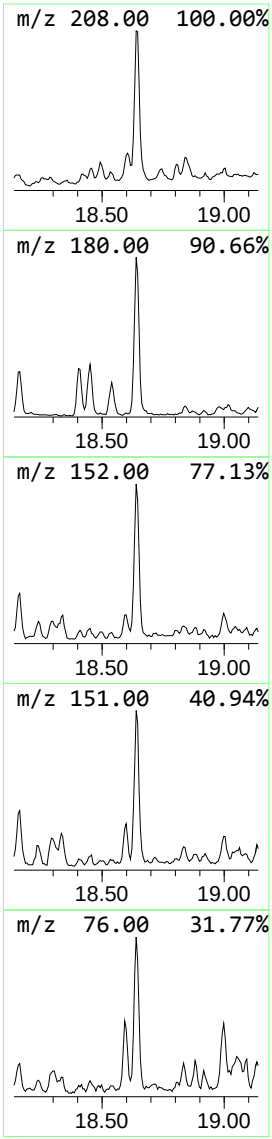
**********

Peak Number 15 9,10-Anthracenedione Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.639 | 3.56 ng | 298761 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 90 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 64 |
| 4 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 60 |
| 5 | 1,4-Anthracenedione | 208 | C14H8O2 | 000635-12-1 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

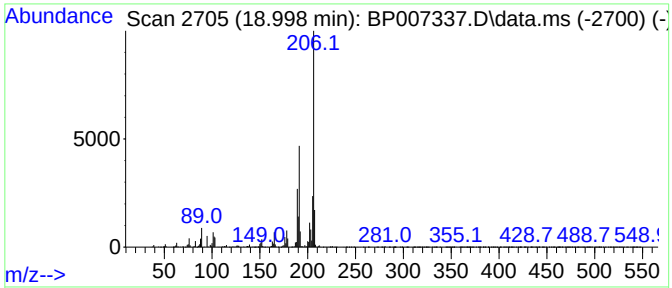
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

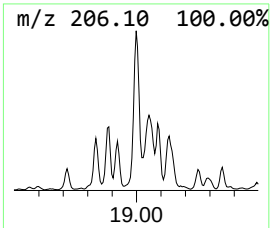
**********

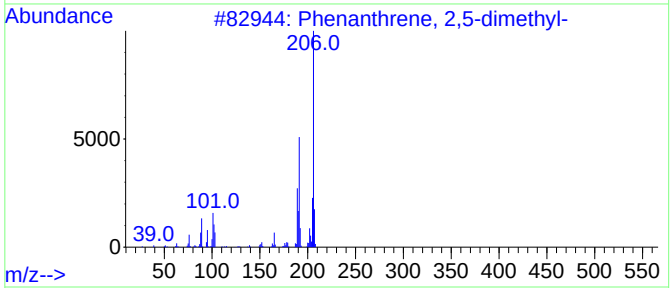
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

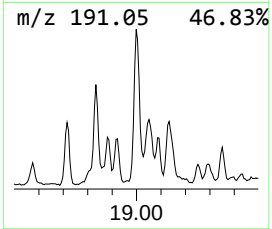
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.998 | 7.89 ng | 661822 | Phenanthrene-d10 | 17.245 |

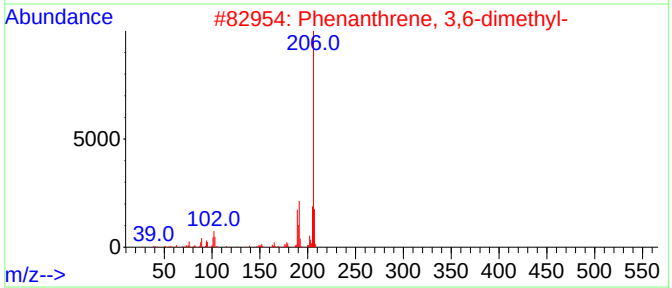
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 96 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 94 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 91 |

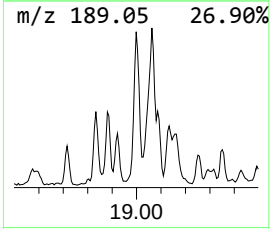


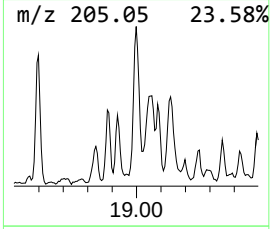



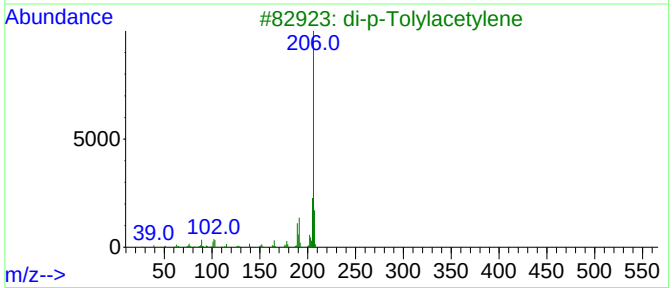



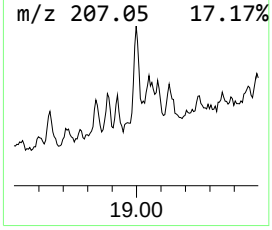



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

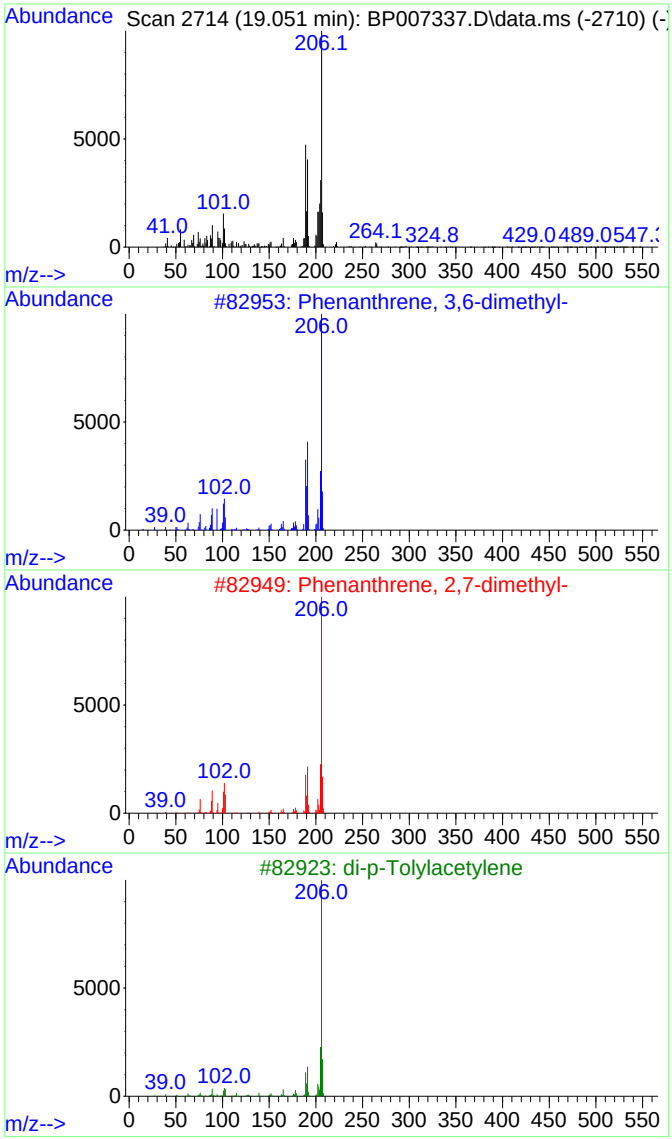
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

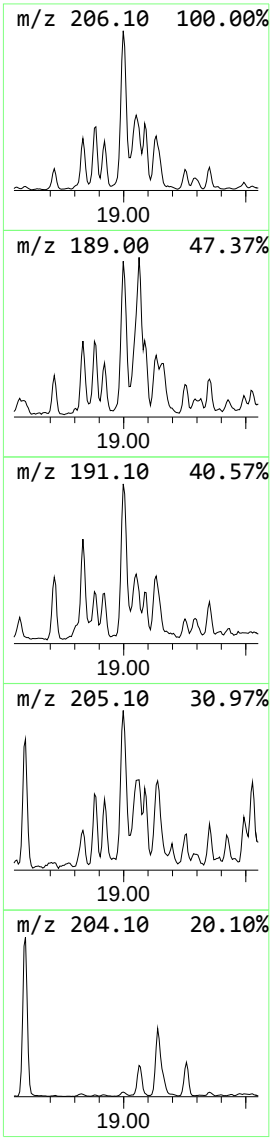
**********

Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.051 | 3.23 ng | 270822 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 89 |
| 2 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 87 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 81 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 70 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

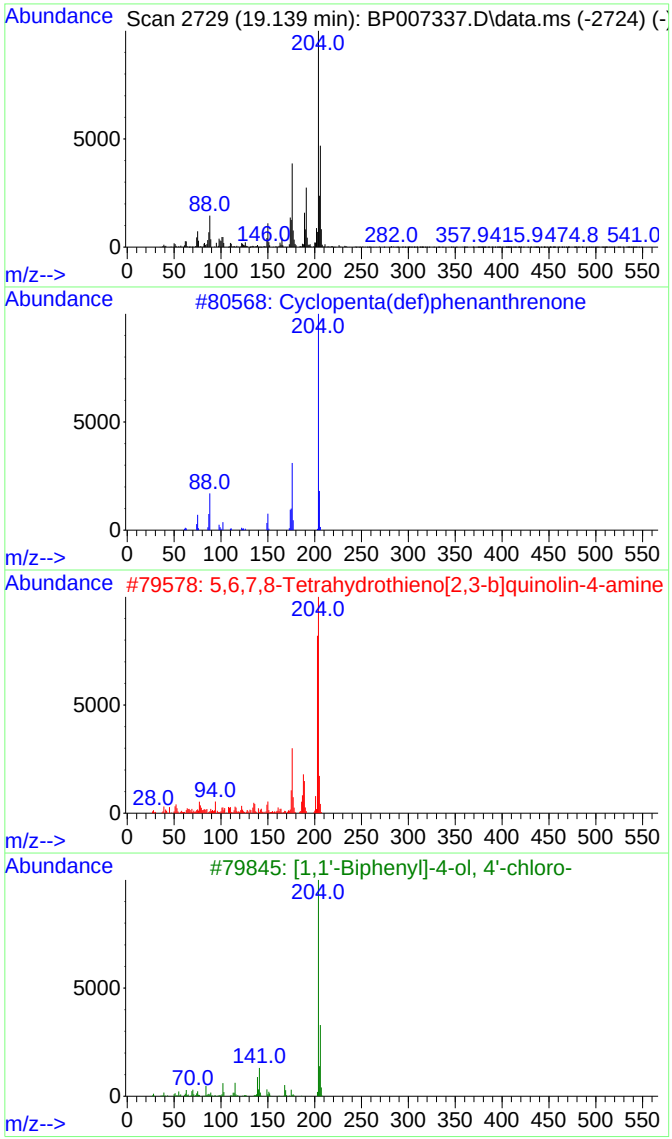
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

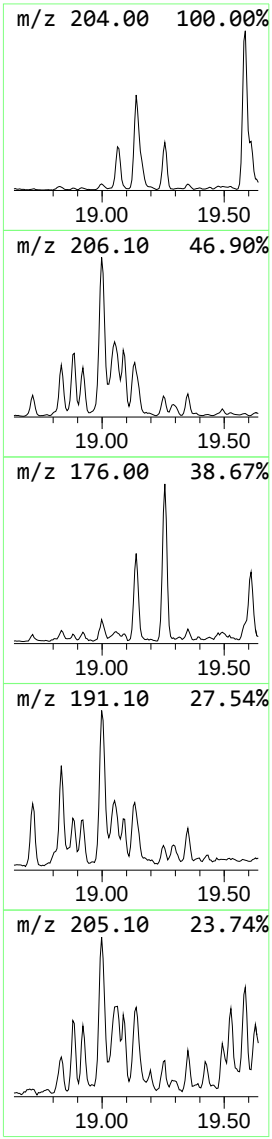
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.139 | 6.07 ng | 509403 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 92 |
| 2 | 5,6,7,8-Tetrahydrothieno[2,3-b]q... | 204 | C11H12N2S | 122914-50-5 | 62 |
| 3 | [1,1'-Biphenyl]-4-ol, 4'-chloro- | 204 | C12H9ClO | 028034-99-3 | 46 |
| 4 | Pyrimidine, 4-chloro-6-(4-methyl... | 204 | C11H9ClN2 | 1000380-55-8 | 43 |
| 5 | L-Rhamnose, 4TMS derivative | 452 | C18H44O5Si4 | 019127-15-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

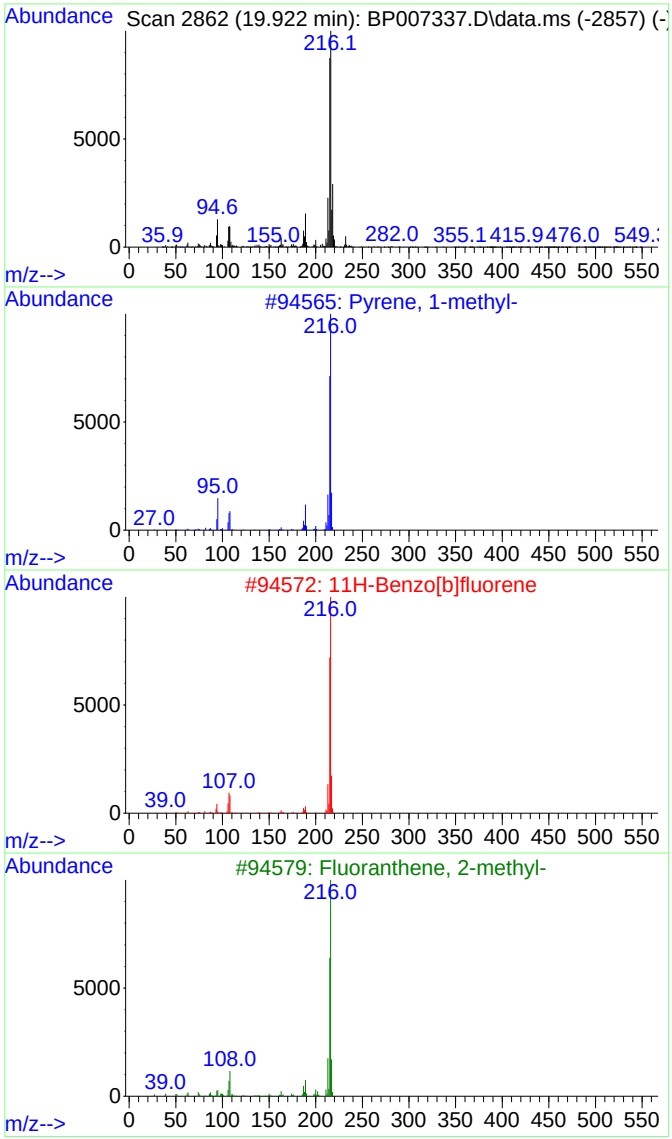
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

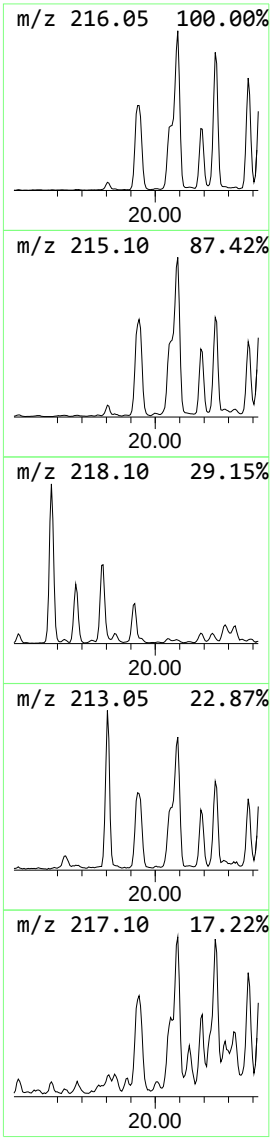
**********

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.922 | 2.98 ng | 804210 | Chrysene-d12 | 21.333 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 89 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 83 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

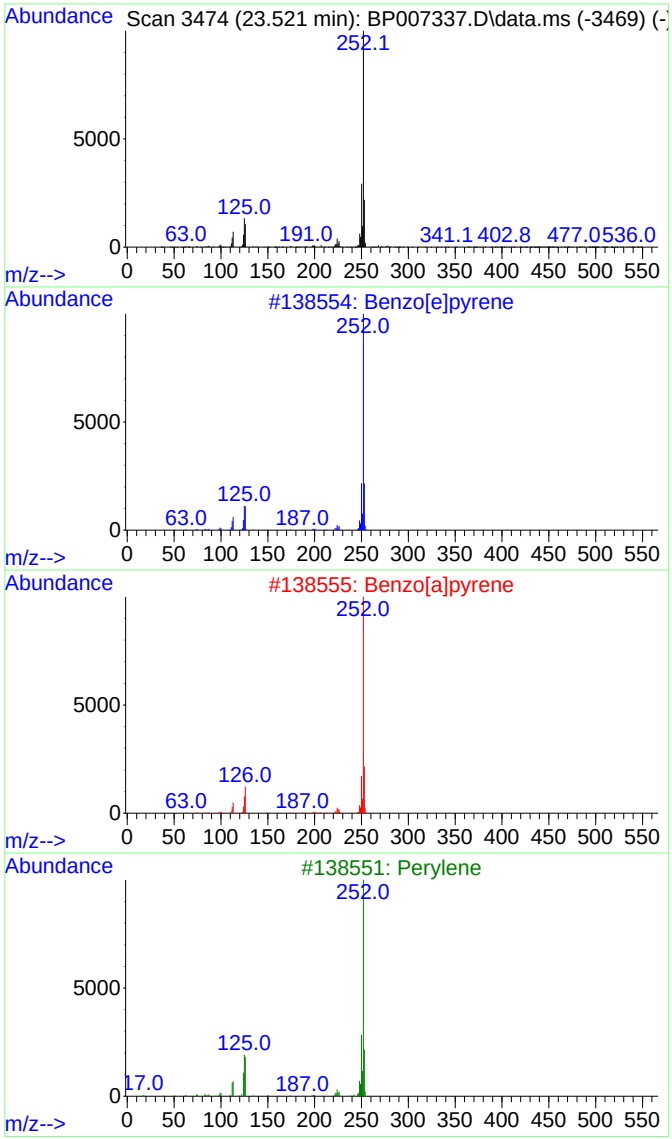
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

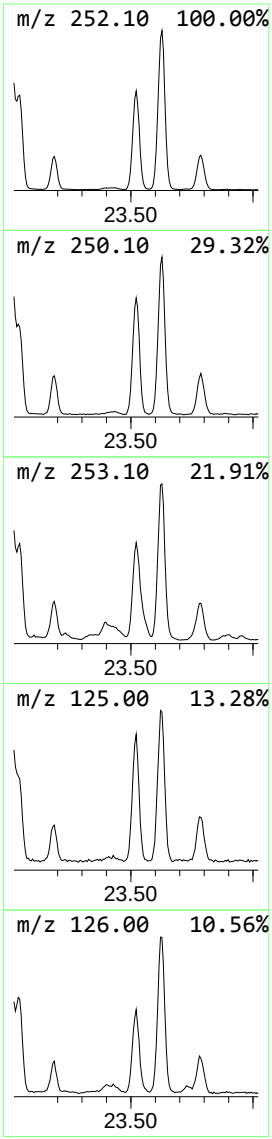
**********

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.521 | 13.07 ng | 1344780 | Perylene-d12 | 23.733 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 99 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 97 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 96 |
| 4 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 94 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007337.D
Acq On : 05 Oct 2021 21:47
Operator : CG/JU
Sample : M4066-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** NYPD-69TH-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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 |
| o-Xylene | 5.493 | 4.7 | ng | 184235 | 1 | 7.858 | 780992 | 20.0 |
| Styrene | 5.840 | 21.5 | ng | 839120 | 1 | 7.858 | 780992 | 20.0 |
| Mesitylene | 7.505 | 5.0 | ng | 194404 | 1 | 7.858 | 780992 | 20.0 |
| Ethanol, 2-(2-b... | 10.451 | 11.1 | ng | 568177 | 2 | 10.657 | 1024280 | 20.0 |
| Naphthalene, 2,... | 13.816 | 2.8 | ng | 188719 | 3 | 14.493 | 1356610 | 20.0 |
| Benzenesulfonam... | 16.198 | 3.4 | ng | 281878 | 4 | 17.245 | 1678680 | 20.0 |
| Naphtho[2,1-b]t... | 17.063 | 3.3 | ng | 276006 | 4 | 17.245 | 1678680 | 20.0 |
| 2-Methyldibenzo... | 17.828 | 2.9 | ng | 246118 | 4 | 17.245 | 1678680 | 20.0 |
| Phenanthrene, 1... | 18.110 | 11.4 | ng | 952627 | 4 | 17.245 | 1678680 | 20.0 |
| Phenanthrene, 2... | 18.163 | 12.9 | ng | 1087300 | 4 | 17.245 | 1678680 | 20.0 |
| 1H-Cyclopropa[l... | 18.239 | 5.1 | ng | 425485 | 4 | 17.245 | 1678680 | 20.0 |
| 4-Bromothiophen... | 18.298 | 16.4 | ng | 1380190 | 4 | 17.245 | 1678680 | 20.0 |
| Phenanthrene, 4... | 18.333 | 7.1 | ng | 596579 | 4 | 17.245 | 1678680 | 20.0 |
| Naphthalene, 2-... | 18.598 | 5.8 | ng | 484600 | 4 | 17.245 | 1678680 | 20.0 |
| 9,10-Anthracene... | 18.639 | 3.6 | ng | 298761 | 4 | 17.245 | 1678680 | 20.0 |
| Phenanthrene, 2... | 18.998 | 7.9 | ng | 661822 | 4 | 17.245 | 1678680 | 20.0 |
| Phenanthrene, 3... | 19.051 | 3.2 | ng | 270822 | 4 | 17.245 | 1678680 | 20.0 |
| Cyclopenta(def)... | 19.139 | 6.1 | ng | 509403 | 4 | 17.245 | 1678680 | 20.0 |
| Pyrene, 1-methyl- | 19.922 | 3.0 | ng | 804210 | 5 | 21.333 | 5395540 | 20.0 |
| Benzo[e]pyrene | 23.521 | 13.1 | ng | 1344780 | 6 | 23.733 | 2058440 | 20.0 |