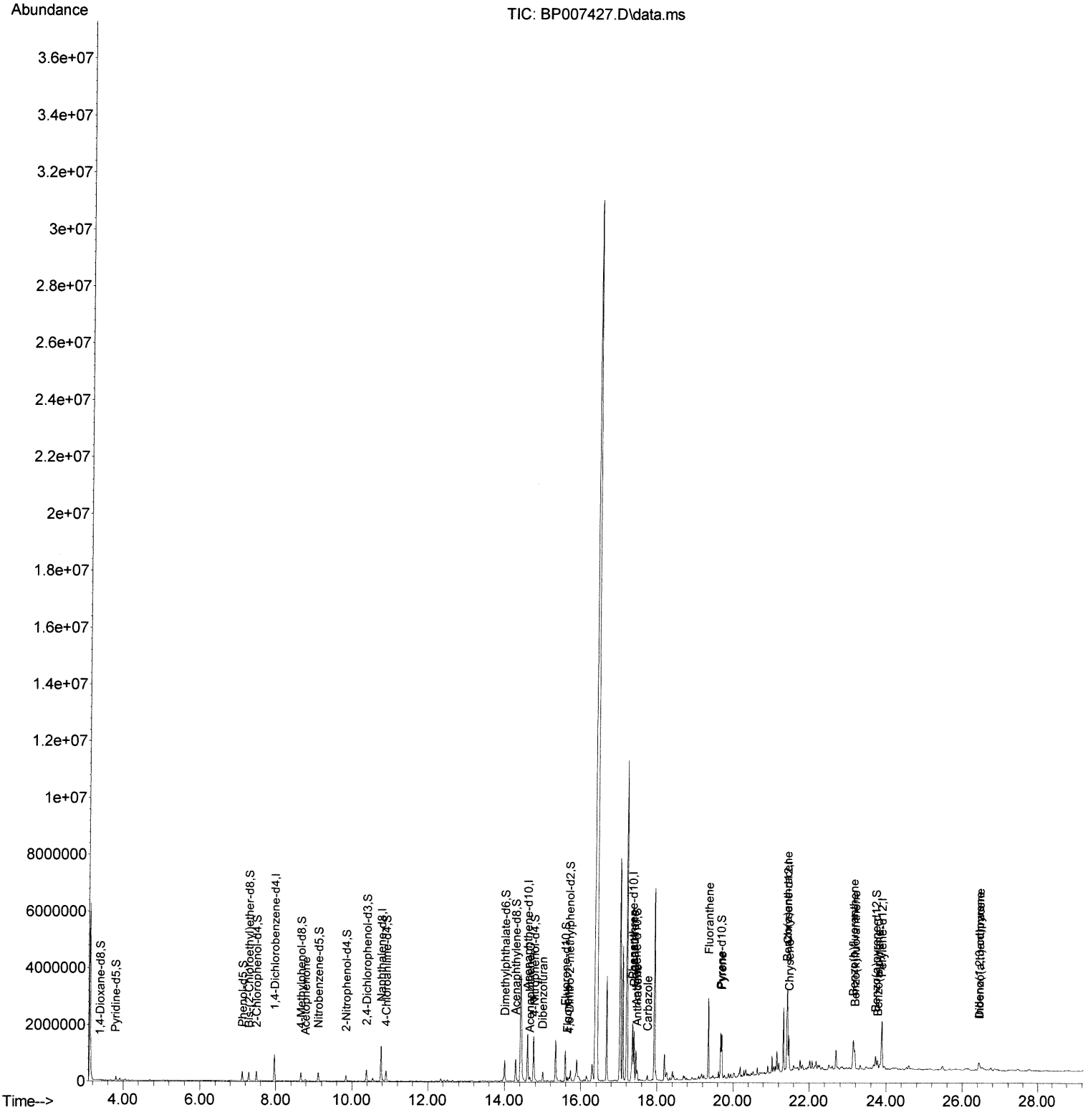
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 15 02:17:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 14 13:04:52 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA4

**Manual Integrations APPROVED**
mohammad
10/18/2021 10:30:46 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
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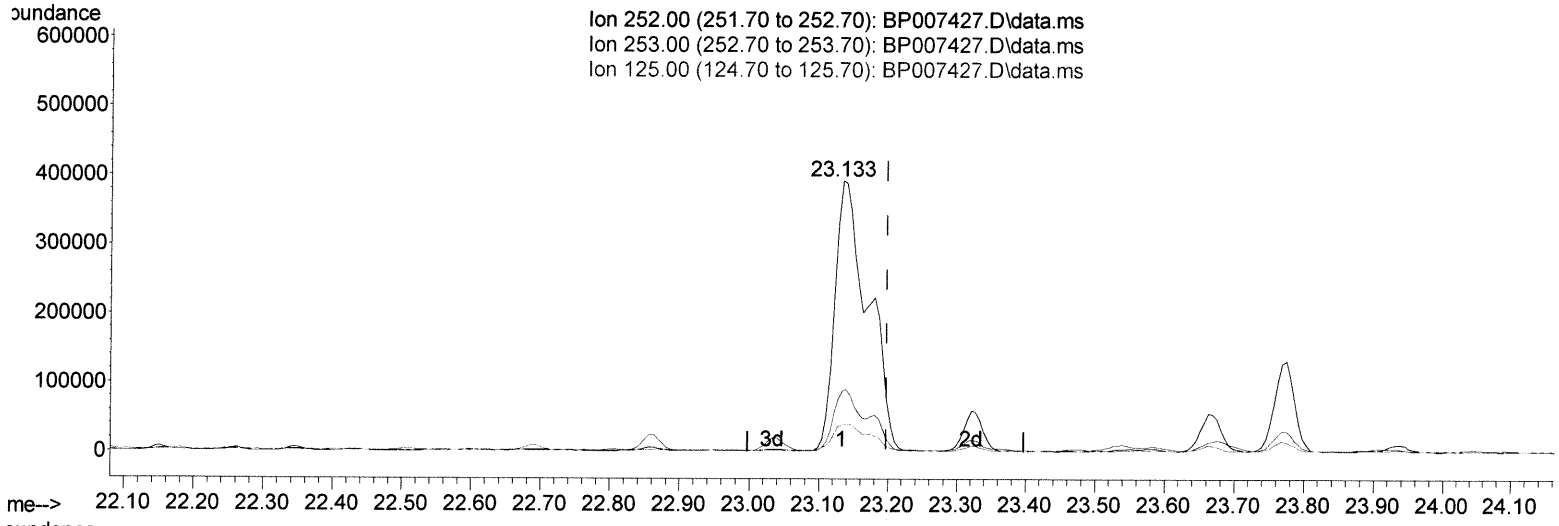
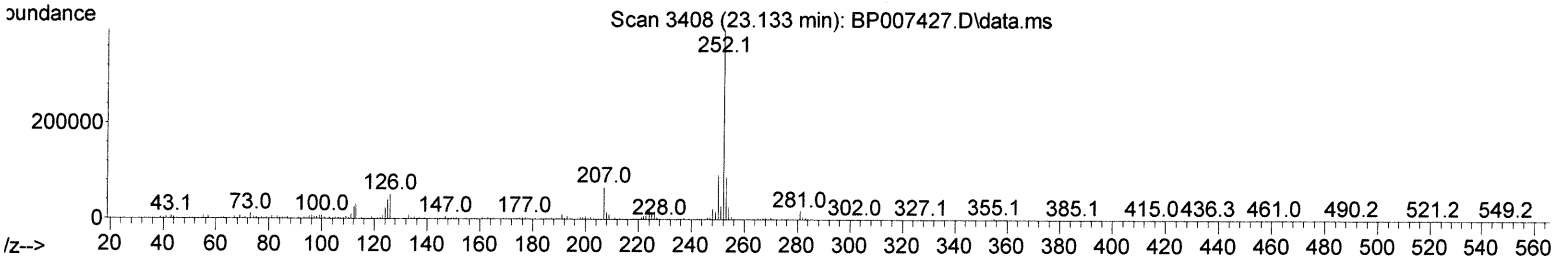
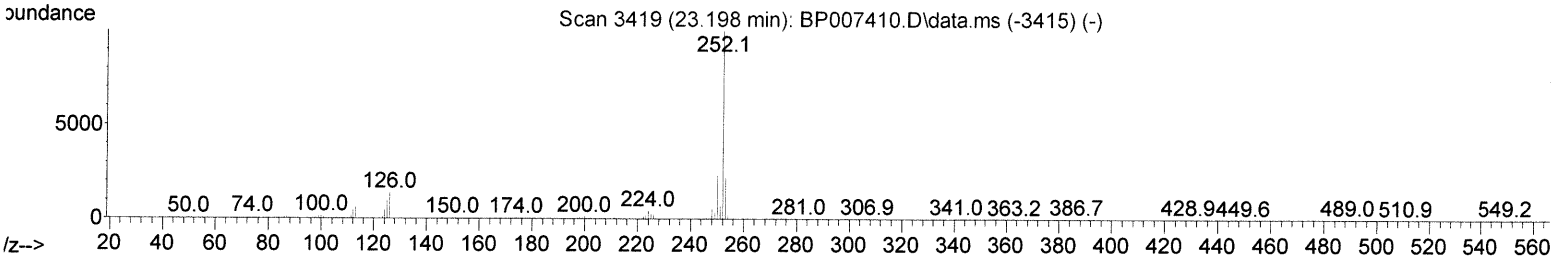
BNA_P
**ClientSampleId :**
C0AA4

**Manual Integrations APPROVED**
mohammad
10/18/2021 10:30:46 AM




TIC: BP007427.D\data.ms

(91) Benzo(k)fluoranthene

23.133min (-0.065) 12.48 ng/ul

response 914729

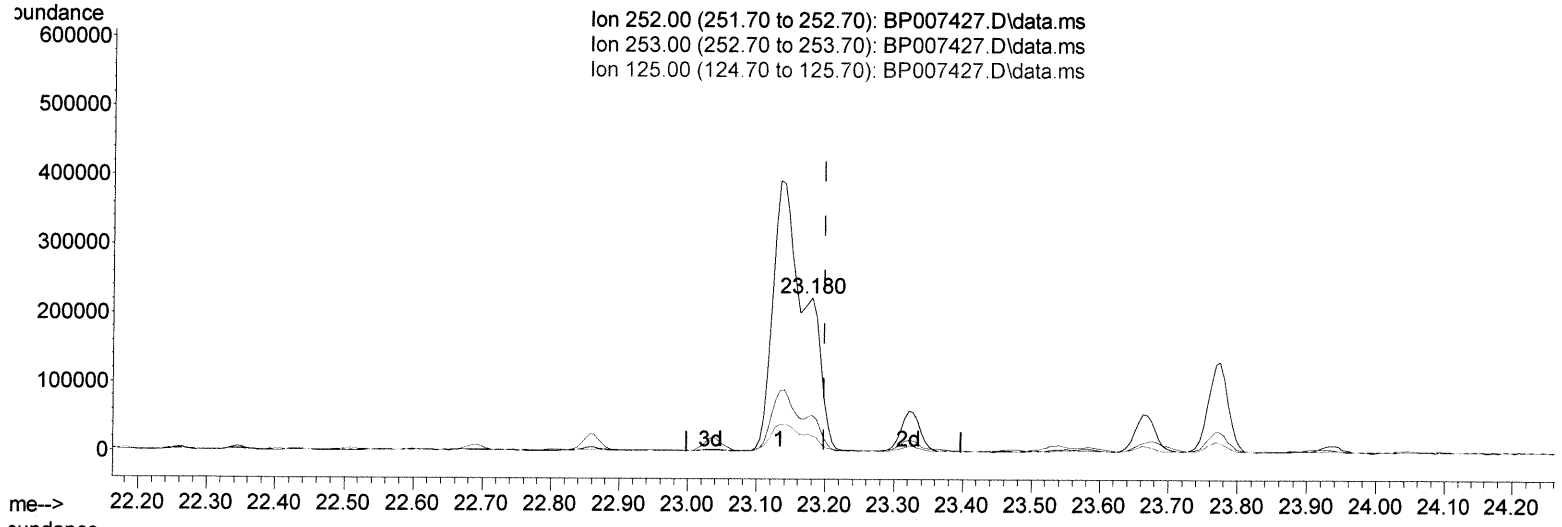
| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 22.48 |
| 125.00 | 10.00 | 10.17 |
| 0.00 | 0.00 | 0.00 |

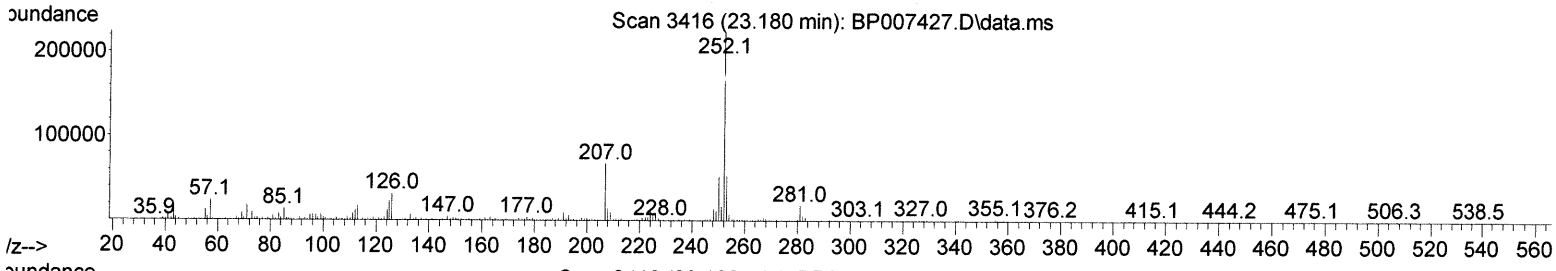
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

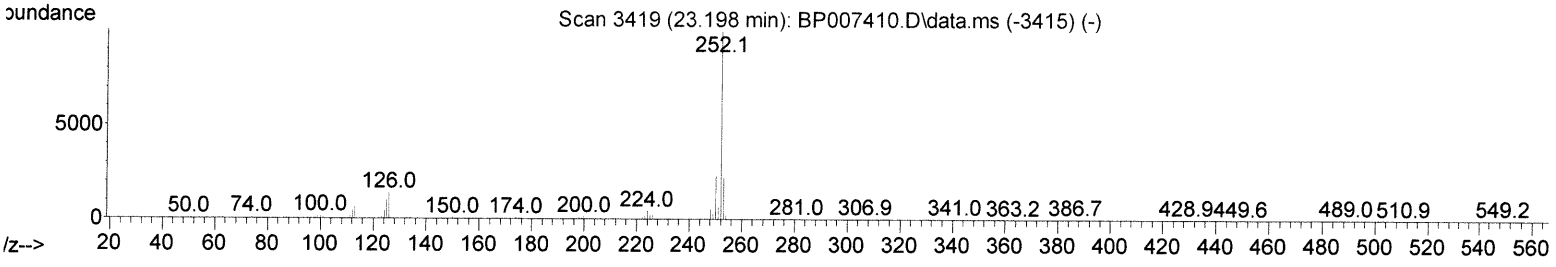
Quant Time: Oct 15 02:17:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 14 13:04:52 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA4

**Manual Integrations APPROVED**
mohammad
10/18/2021 10:30:46 AM




TIC: BP007427.D\data.ms

(91) Benzo(k)fluoranthene

23.180min (-0.018) 5.31 ng/ul m

response 388838

JH 10/19/21

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 23.79 |
| 125.00 | 10.00 | 10.27 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007427.D
Acq On : 14 Oct 2021 23:25
Operator : CG/JU
Sample : M4126-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA4

Manual Integrations APPROVED
mohammad
10/18/2021 10:30:46 AM

Quant Time: Oct 15 02:17:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 14 13:04:52 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.964 | 152 | 251970 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.769 | 136 | 1035505 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.598 | 164 | 635783 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.351 | 188 | 1187280 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.428 | 240 | 1197503 | 20.000 | ng/ul | -0.02 |
| 88) Perylene-d12 | 23.880 | 264 | 1291325 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.387 | 96 | 10810 | 1.694 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.799 | 84 | 77577 | 4.442 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.117 | 99 | 188315 | 9.570 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.287 | 67 | 119128 | 10.150 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.493 | 132 | 151870 | 9.811 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.664 | 113 | 111744 | 7.372 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.116 | 128 | 68686 | 10.481 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.846 | 143 | 64774 | 10.582 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.381 | 165 | 145787 | 9.765 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.893 | 131 | 198660 | 9.840 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.004 | 166 | 488013 | 11.095 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.287 | 160 | 606732 | 10.976 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.769 | 143 | 62115 | 8.801 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.587 | 176 | 428297 | 11.635 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 200 | 19809 | 4.164 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.451 | 188 | 605813 | 12.015 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.675 | 212 | 580639 | 9.699 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.722 | 264 | 360082 | 5.604 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 16) Acetophenone | 8.781 | 105 | 32748 | 1.412 | ng/ul | 91 |
| 52) Acenaphthene | 14.657 | 153 | 57355 | 1.589 | ng/ul | 98 |
| 56) Dibenzofuran | 14.993 | 168 | 59264 | 1.131 | ng/ul | 97 |
| 61) Fluorene | 15.645 | 166 | 66980 | 1.687 | ng/ul | 98 |
| 72) Phenanthrene | 17.392 | 178 | 1017123 | 17.136 | ng/ul | 99 |
| 74) Anthracene | 17.481 | 178 | 241310 | 4.065 | ng/ul | 100 |
| 77) Carbazole | 17.745 | 167 | 114879 | 2.203 | ng/ul | 98 |
| 80) Fluoranthene | 19.351 | 202 | 1628963 | 21.930 | ng/ul | 99 |
| 82) Pyrene | 19.704 | 202 | 947509 | 12.650 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.416 | 228 | 782614 | 10.637 | ng/ul | 99 |
| 87) Chrysene | 21.469 | 228 | 751878 | 10.549 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.133 | 252 | 914729 | 11.639 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.180 | 252 | 388838m | 5.306 | ng/ul | > JU 10/19/21 |
| 93) Benzo(a)pyrene | 23.774 | 252 | 261787 | 3.482 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.439 | 276 | 251156 | 2.884 | ng/ul | 95 |
| 95) Dibenzo(a,h)anthracene | 26.451 | 278 | 116039 | 1.565 | ng/ul# | 93 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed