Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\

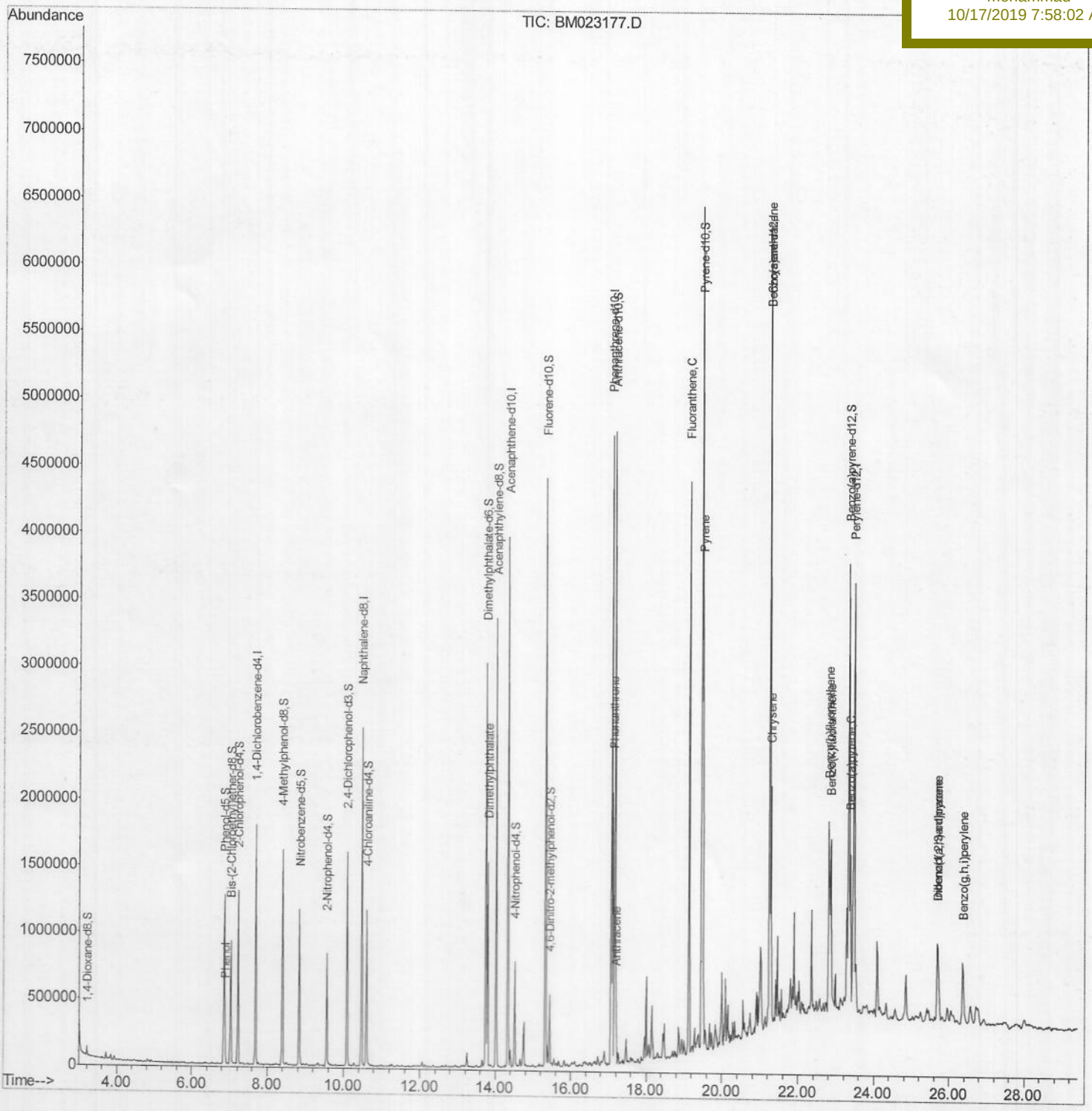
Quantitation Report (QT Reviewed)

Data File : BM023177.D
Acq On : 15 Oct 2019 21:34
Operator : JU
Sample : K5202-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 16 08:05:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 02:28:10 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AB0

Manual Integrations APPROVED
mohammad
10/17/2019 7:58:02 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\

Quantitation Report (Qedit)

Data File : BM023177.D
Acq On : 15 Oct 2019 21:34
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Quant Time: Oct 16 06:49:52 2019
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Manual Integrations APPROVED
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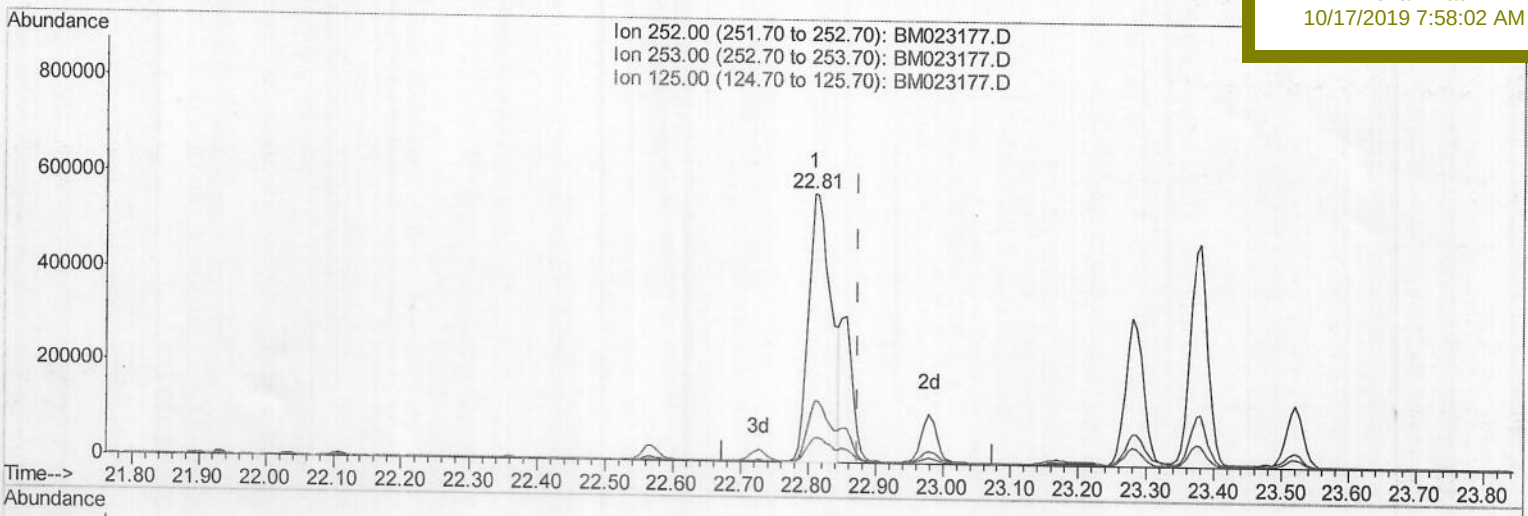
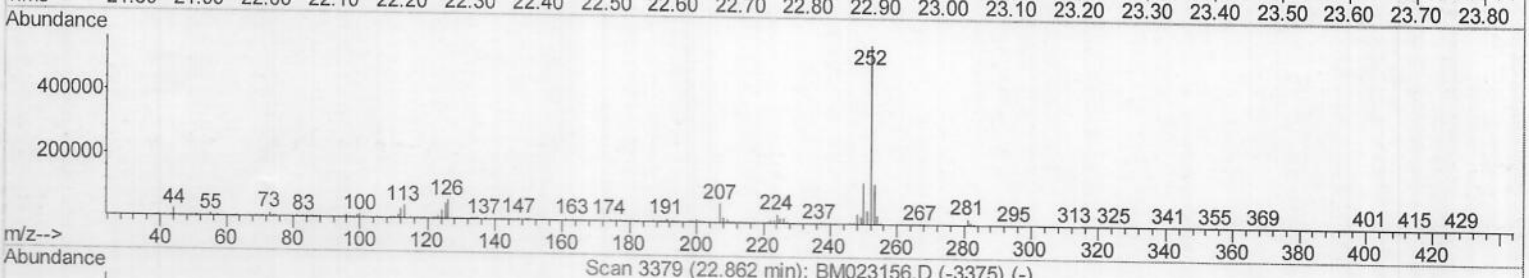
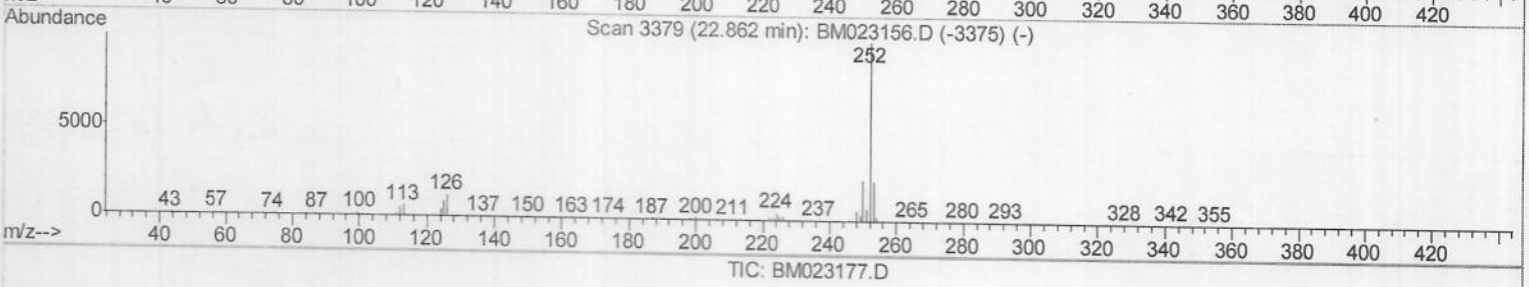
10/17/2019 7:58:02 AM







TIC: BM023177.D

(89) Benzo(k)fluoranthene

22.809min (-0.065) 9.87ng/ul

response 1326855

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.94
125.00	8.10	9.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\

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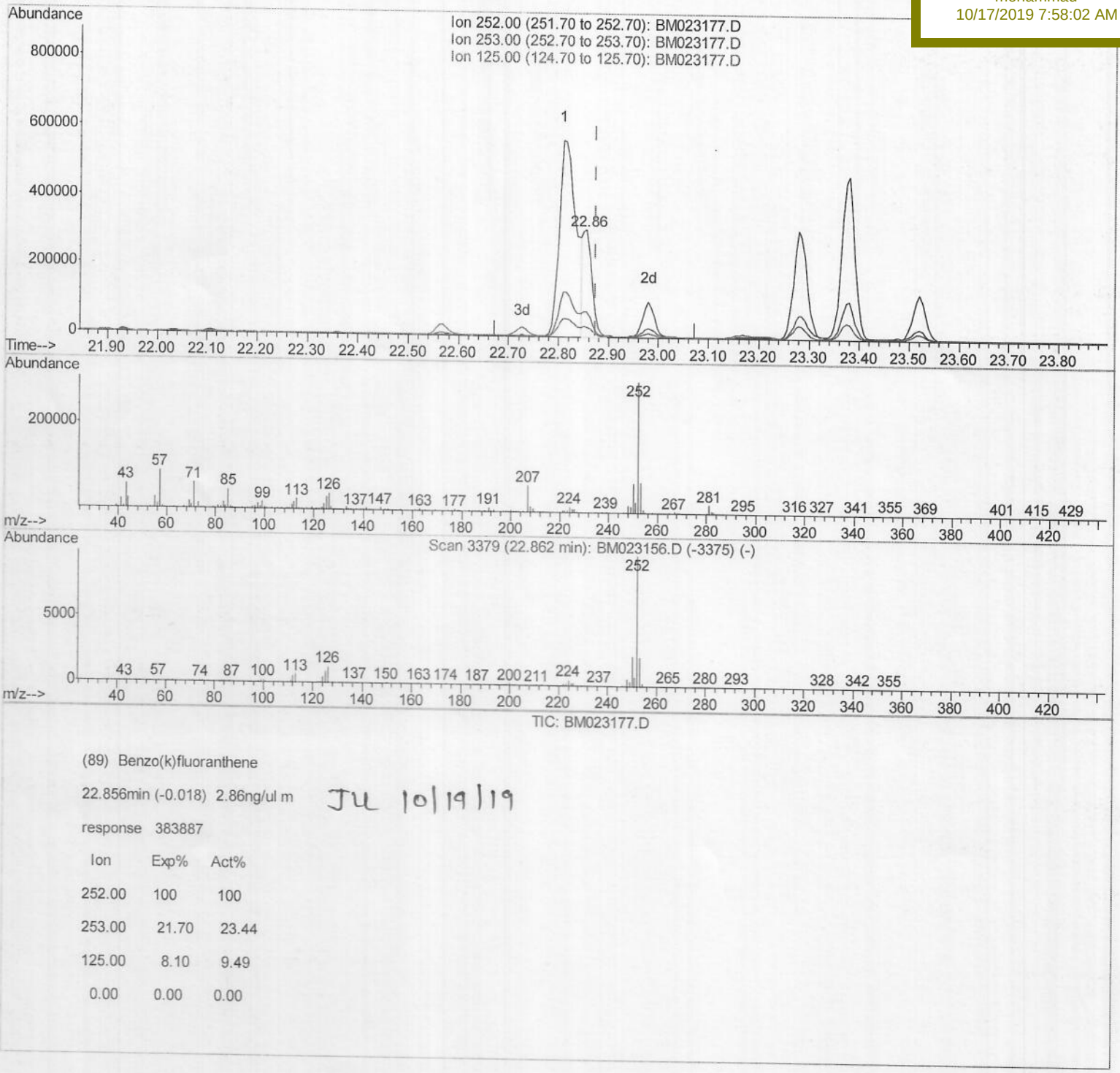
Manual Integrations APPROVED
mohammad
10/17/2019 7:58:02 AM



TIC: BM023177.D

(89) Benzo(k)fluoranthene

22.856min (-0.018) 2.86ng/ul m JU 10/19/19

response 383887

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.44
125.00	8.10	9.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\

Quantitation Report (QT Reviewed)

Data File : BM023177.D
Acq On : 15 Oct 2019 21:34
Operator : JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 02:28:10 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AB0

Manual Integrations APPROVED
mohammad
10/17/2019 7:58:02 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	475661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2035277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1307198	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2732981	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2374898	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2308558	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	34650	3.21	ng/uL	0.00
5) Phenol-d5	6.85	99	704966	17.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	431420	18.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	553916	17.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	579900	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	257563	18.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	246463	18.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	583107	17.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	597755	14.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1939323	19.36	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2236547	19.04	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	163509	10.08	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1672747	19.60	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	103740	9.57	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2622788	19.90	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2966861	25.80	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2479911	21.19	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	6.88	94	68937	1.614	ng/ul	97
45) Dimethylphthalate	13.79	163	927958	9.255	ng/ul	99
70) Phenanthrene	17.12	178	1239789	8.083	ng/ul	99
72) Anthracene	17.20	178	230386	1.454	ng/ul	99
77) Fluoranthene	19.13	202	2524238	13.838	ng/ul	100
80) Pyrene	19.49	202	1995842	13.415	ng/ul	98
83) Benzo(a)anthracene	21.24	228	1015236	6.309	ng/ul	96
85) Chrysene	21.29	228	993618	6.650	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	1326855	9.480	ng/ul	98
89) Benzo(k)fluoranthene	22.86	252	383887m	2.856	ng/ul	JU 10/19/19
91) Benzo(a)pyrene	23.38	252	844083	6.286	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.69	276	573287	3.589	ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	137000	1.026	ng/ul#	88
94) Benzo(g,h,i)perylene	26.37	276	527040	4.007	ng/ul	99

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