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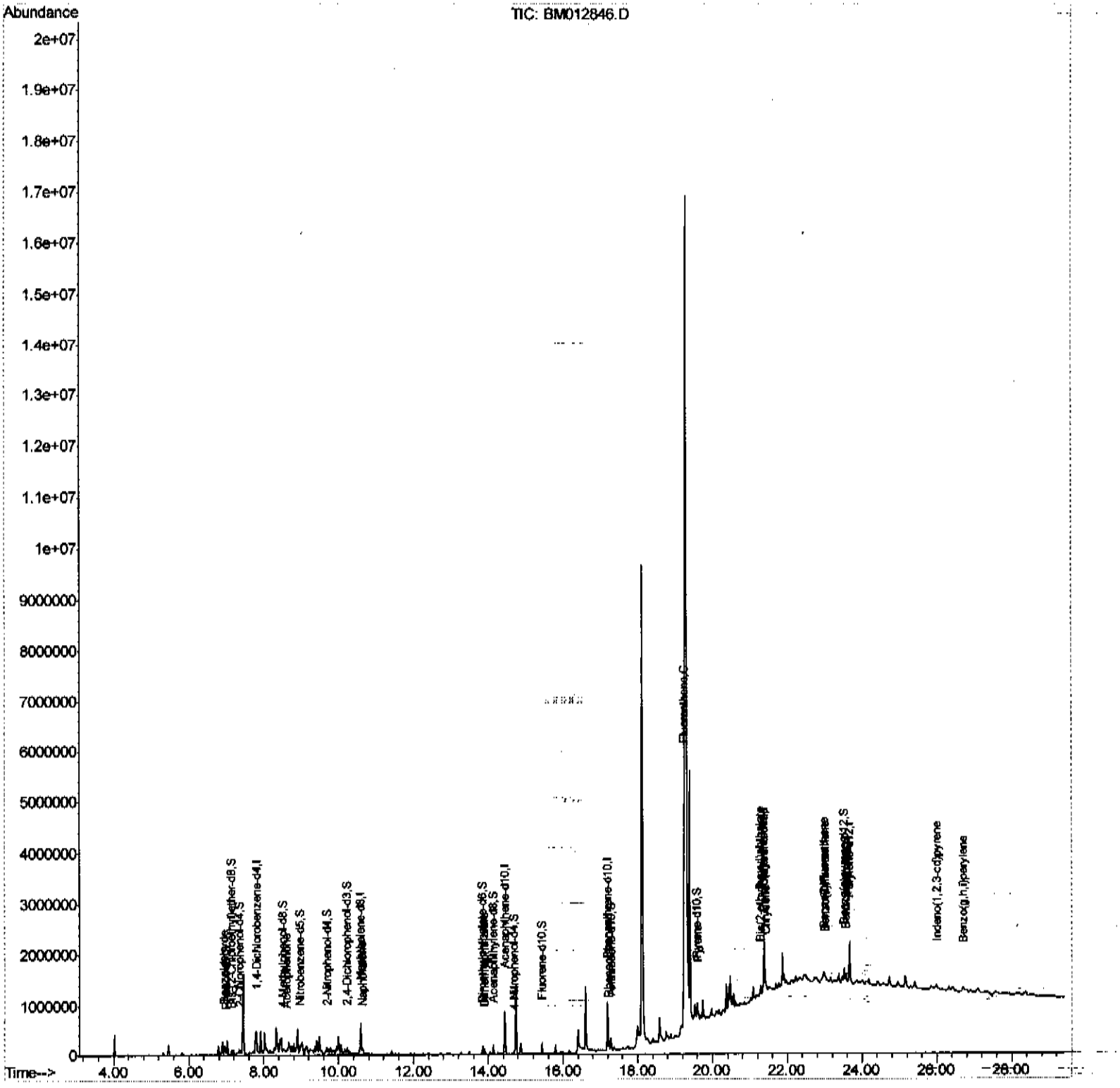
Data File : BM012846.D
Acq On : 09 Nov 2017 10:18
Operator : SJ/JU
Sample : I6096-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 09 12:13:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:13 PM



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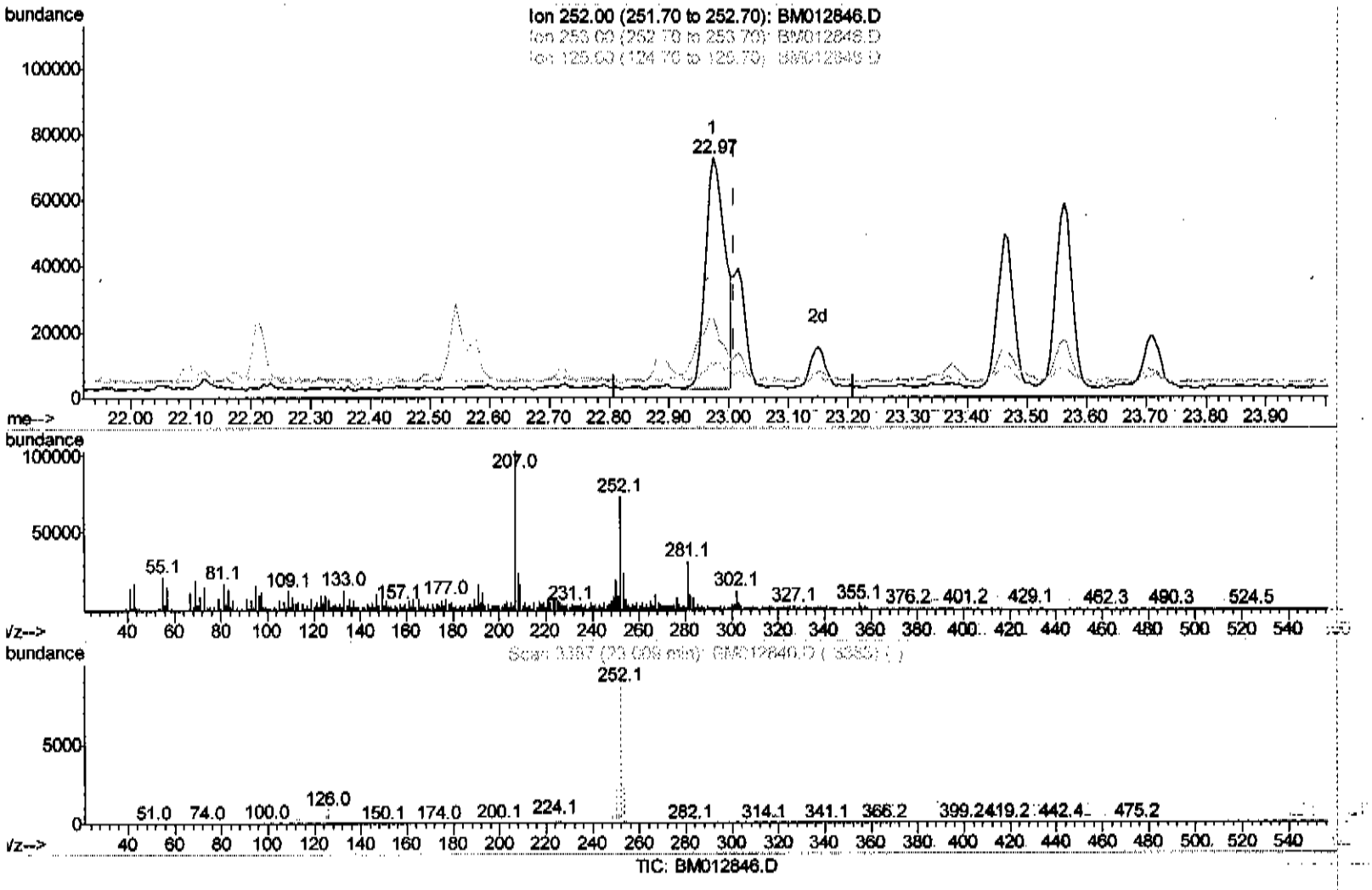
Data File : BM012846.D
Acq On : 09 Nov 2017 10:18
Operator : SJ/JU
Sample : I6096-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 09 12:00:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:13 PM



TIC: BM012846.D

(88) Benzo(k)fluoranthene

22.974min (-0.035) 4.46ng/ul

response 162581

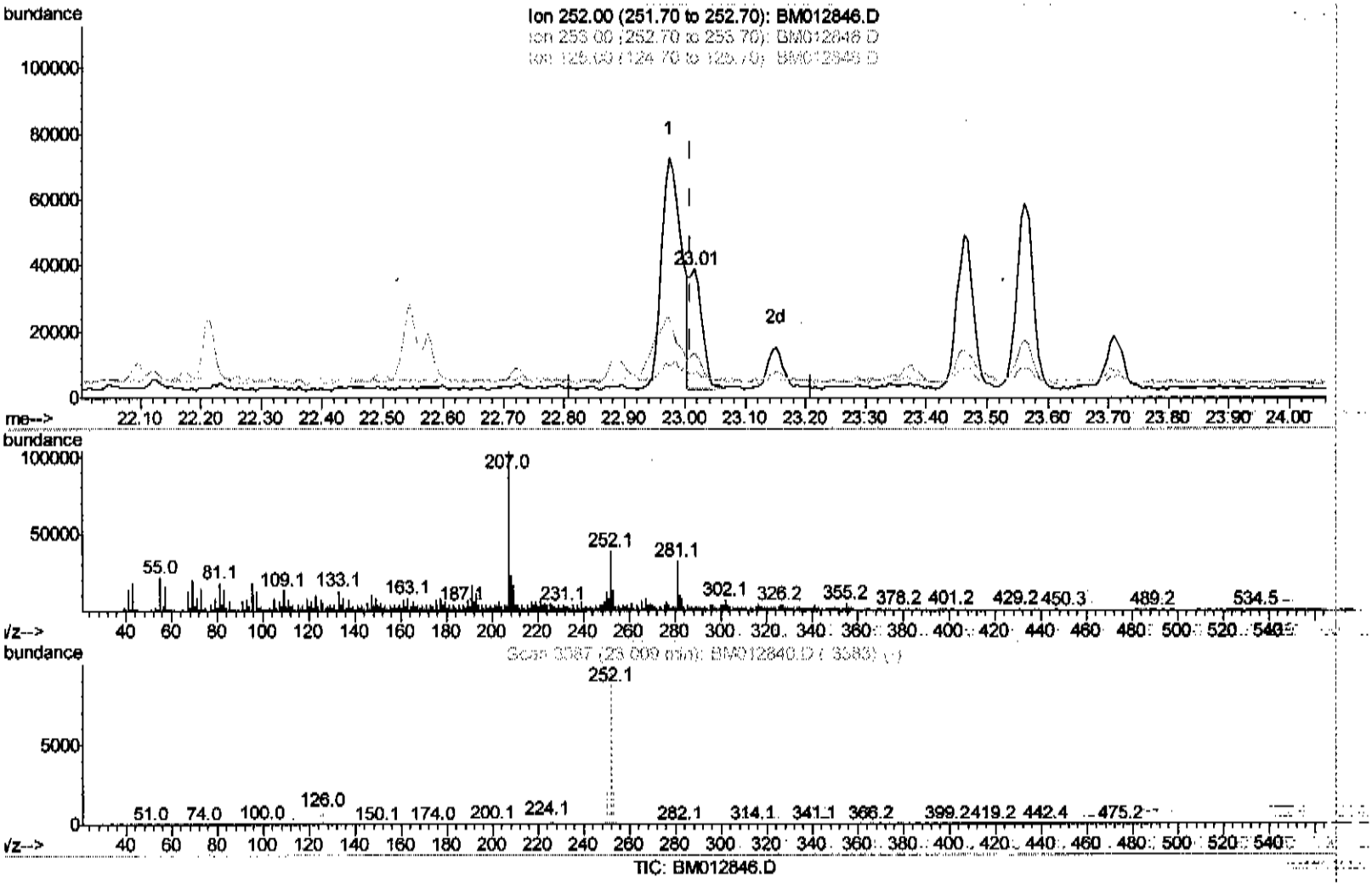
Ion	Exp%	Act%
252.00	100	100
253.00	21.60	33.27#
125.00	10.20	13.38#
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012846.D
Acq On : 09 Nov 2017 10:18
Operator : SJ/JU
Sample : I6096-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 09 12:00:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:13 PM



(88) Benzo(k)fluoranthene

23.015min (+0.006) 1.43ng/ul m SJ 11/13/17

response 52216

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	34.81#
125.00	10.20	19.48#
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012846.D
Acq On : 09 Nov 2017 10:18
Operator : SJ/JU
Sample : I6096-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:13 PM

Quant Time: Nov 09 12:13:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	128754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	521850	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	292111	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	570649	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	566300	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	627985	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	1540	0.65	ng/uL	0.00
5) Phenol-d5	6.99	99	40686	4.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	22475	4.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	34453	4.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	32737	3.96	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	18239	4.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	16180	3.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	36493	4.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	7240	0.83	ng/ul	-0.03
43) Dimethylphthalate-d6	13.85	166	109919	4.55	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	125006	4.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	11368	2.94	ng/ul	0.01
57) Fluorene-d10	15.43	176	89787	4.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	123335	4.47	ng/ul	0.00
78) Pyrene-d10	19.59	212	120167	4.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	132517	4.46	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	9925	1.948	ng/ul#	1
14) Acetophenone	8.60	105	30601	2.459	ng/ul#	36
28) Naphthalene	10.64	128	76022	2.914	ng/ul	100
44) Dimethylphthalate	13.90	163	68559	2.858	ng/ul	97
69) Phenanthrene	17.23	178	126094	4.043	ng/ul	98
76) Fluoranthene	19.24	202	183992	4.909	ng/ul#	91
79) Pyrene	19.62	202	161816	4.789	ng/ul	96
82) Benzo(a)anthracene	21.36	228	109610	3.199	ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.28	149	65952	3.674	ng/ul#	89
84) Chrysene	21.41	228	126003	4.057	ng/ul#	93
87) Benzo(b)fluoranthene	22.97	252	162581	4.236	ng/ul#	81
88) Benzo(k)fluoranthene	23.01	252	52216m	1.431	ng/ul	-
90) Benzo(a)pyrene	23.56	252	107462	2.943	ng/ul#	85
91) Indeno(1,2,3-cd)pyrene	25.99	276	86959	1.976	ng/ul#	84
93) Benzo(g,h,i)perylene	26.70	276	80371	2.216	ng/ul#	85

SJ 11/13/17

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