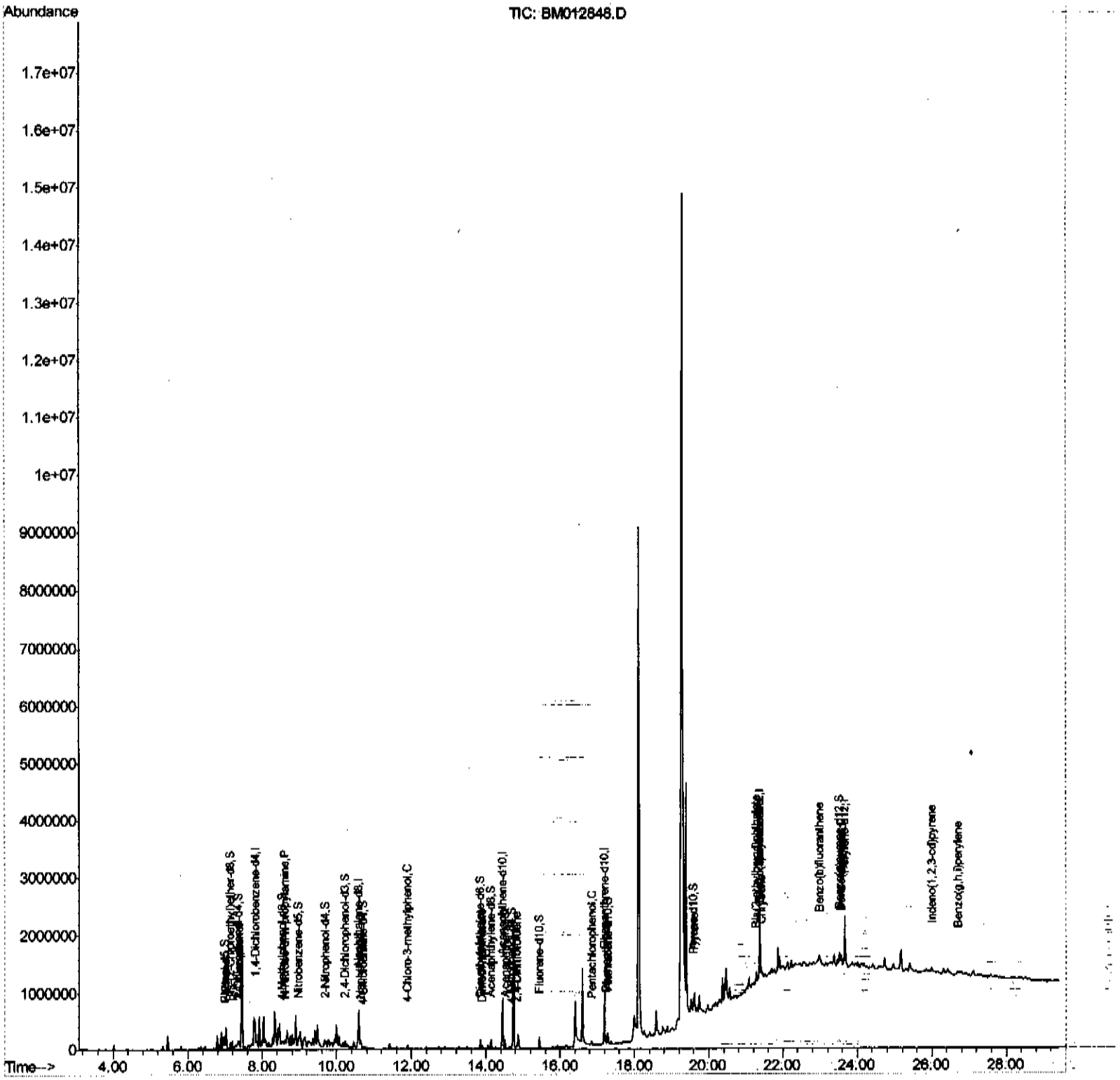
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012848.D
Acq On : 09 Nov 2017 11:30
Operator : SJ/JU
Sample : I6096-05MSD 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 09 14:02:09 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)-102317MSD

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:19 PM

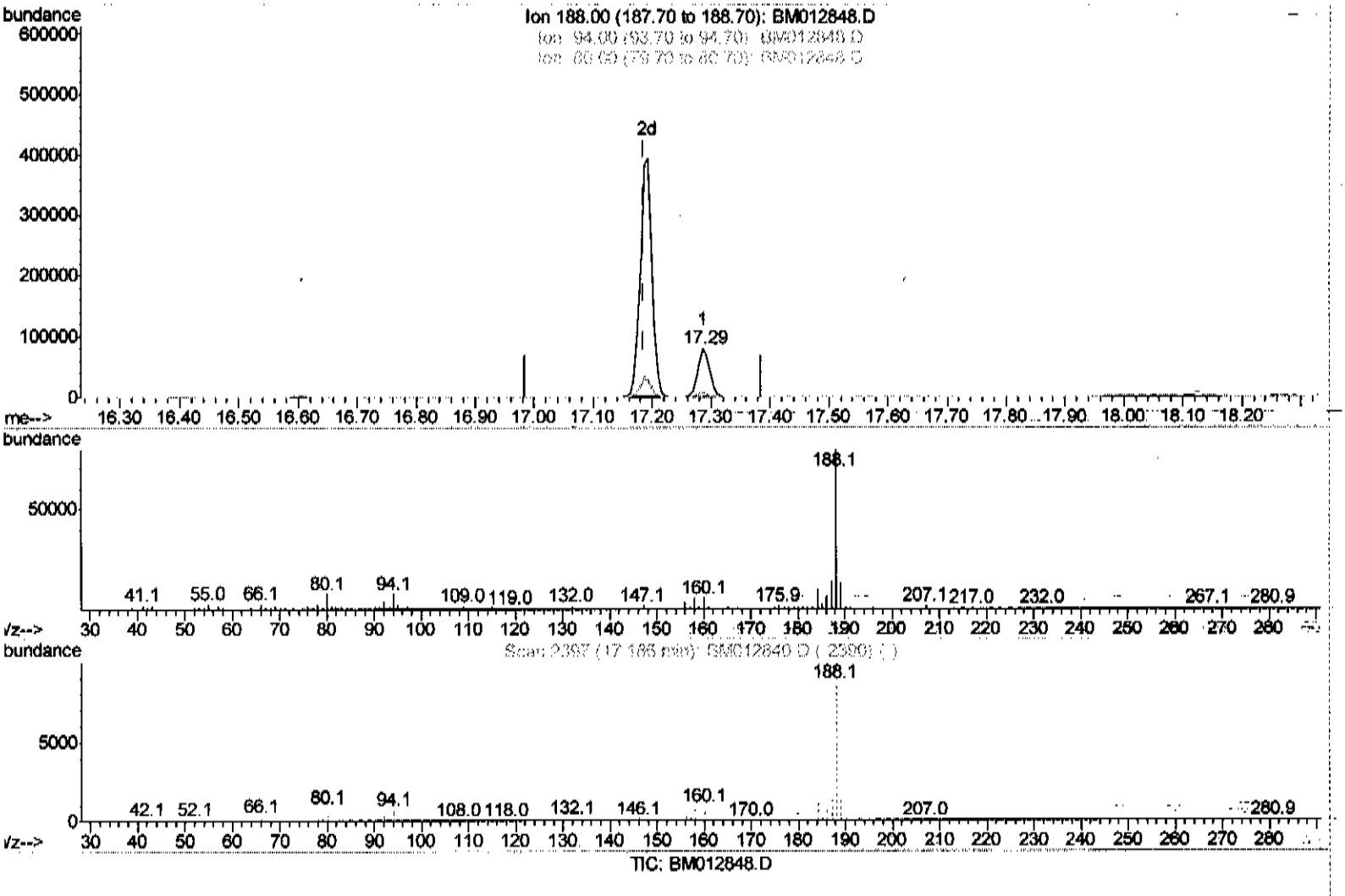


Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012848.D
Acq On : 09 Nov 2017 11:30
Operator : SJ/JU
Sample : I6096-05MSD 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 09 13:55:31 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)-102317MSD

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:19 PM



TIC: BM012848.D

(61) Phenanthrene-d10 (I)

17.286min (+0.100) 20.00ng/ul

response 110525

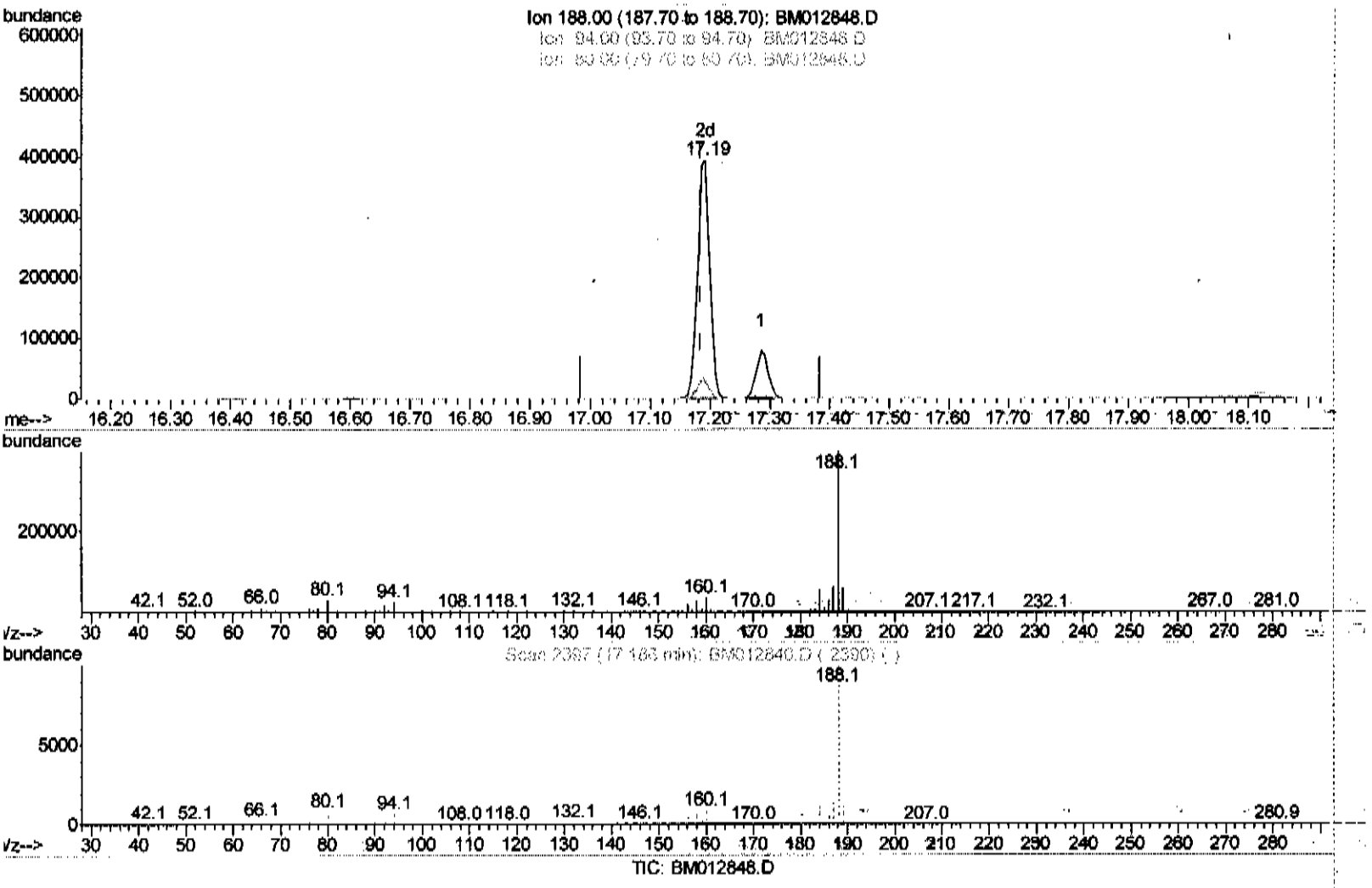
Ion	Exp%	Act%
188.00	100	100
94.00	9.00	9.75
80.00	9.70	9.81
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012848.D
Acq On : 09 Nov 2017 11:30
Operator : SJ/JU
Sample : I6096-05MSD 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 09 13:55:31 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)-102317MSD

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:19 PM



(61) Phenanthrene-d10 (I)

17.192min (+0.006) 20.00ng/ul m SJ 11/13/17

response 554057

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.71#
80.00	9.70	7.82
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
Data File : BM012848.D
Acq On : 09 Nov 2017 11:30
Operator : SJ/JU
Sample : I6096-05MSD 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
11/9/2017 3:49:19 PM

Quant Time: Nov 09 14:02:09 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	138781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	554716	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	307938	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	554057m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	539632	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	624897	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	1895	0.74	ng/uL	0.00
5) Phenol-d5	6.99	99	37110	3.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	20856	3.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	31921	3.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	30426	3.41	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	17027	4.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	14886	3.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	33497	3.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	9488	1.02	ng/ul	-0.02
43) Dimethylphthalate-d6	13.85	166	101599	3.99	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	111948	3.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	10262	2.51	ng/ul	0.01
57) Fluorene-d10	15.43	176	81187	3.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	110525	4.13	ng/ul	0.00
78) Pyrene-d10	19.58	212	99725	3.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	117860	3.99	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.01	94	37185	3.508	ng/ul#	87
10) 2-Chlorophenol	7.37	128	27519	3.106	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	18603	2.885	ng/ul	93
28) Naphthalene	10.64	128	82719	2.983	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	28721	3.152	ng/ul	99
44) Dimethylphthalate	13.90	163	34138	1.350	ng/ul	98
49) Acenaphthene	14.50	153	62369	2.997	ng/ul	95
52) 4-Nitrophenol	14.69	109	6492	1.802	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	15146	2.035	ng/ul#	96
68) Pentachlorophenol	16.85	266	11480	2.472	ng/ul	88
69) Phenanthrene	17.23	178	103756	3.426	ng/ul	98
79) Pyrene	19.62	202	199656	6.201	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	69685	2.134	ng/ul#	86
83) Bis(2-ethylhexyl)phthalate	21.28	149	56172	3.284	ng/ul#	88
84) Chrysene	21.41	228	84134	2.843	ng/ul#	88
87) Benzo(b)fluoranthene	22.97	252	112489	2.946	ng/ul#	78
90) Benzo(a)pyrene	23.56	252	73096	2.012	ng/ul#	75
91) Indeno(1,2,3-cd)pyrene	25.99	276	62848	1.435	ng/ul#	84
93) Benzo(g,h,i)perylene	26.70	276	62613	1.735	ng/ul#	88

SJ 11/13/17

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