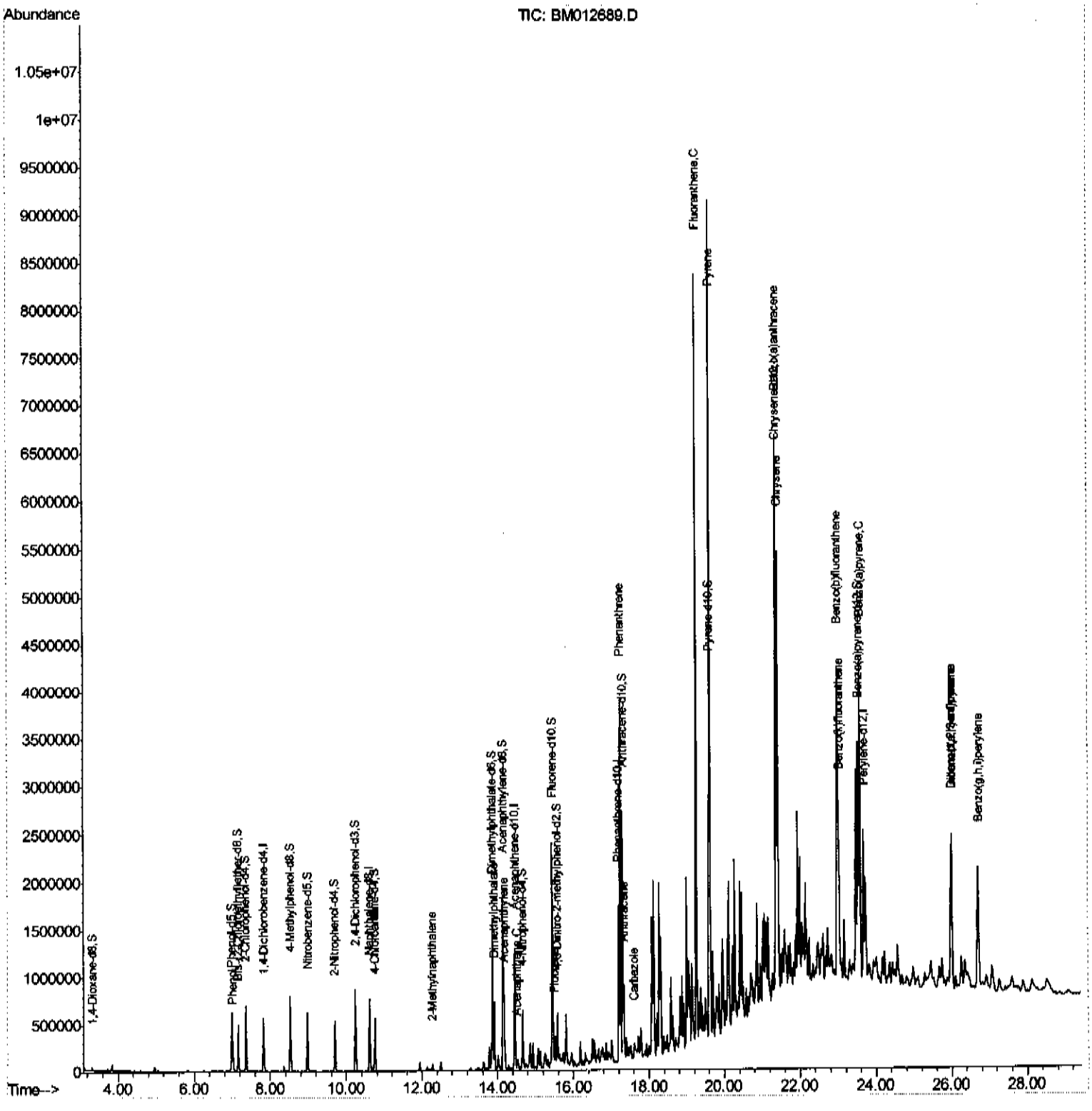
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012689.D
Acq On : 03 Nov 2017 06:38
Operator : SJ/JU
Sample : I6004-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 03 07:14:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 05:31:33 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0DW7

Manual Integrations APPROVED
Sohil
11/3/2017 1:31:15 PM



Data Path : Z:\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012689.D
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Quant Time: Nov 03 07:09:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
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ClientSampleId :
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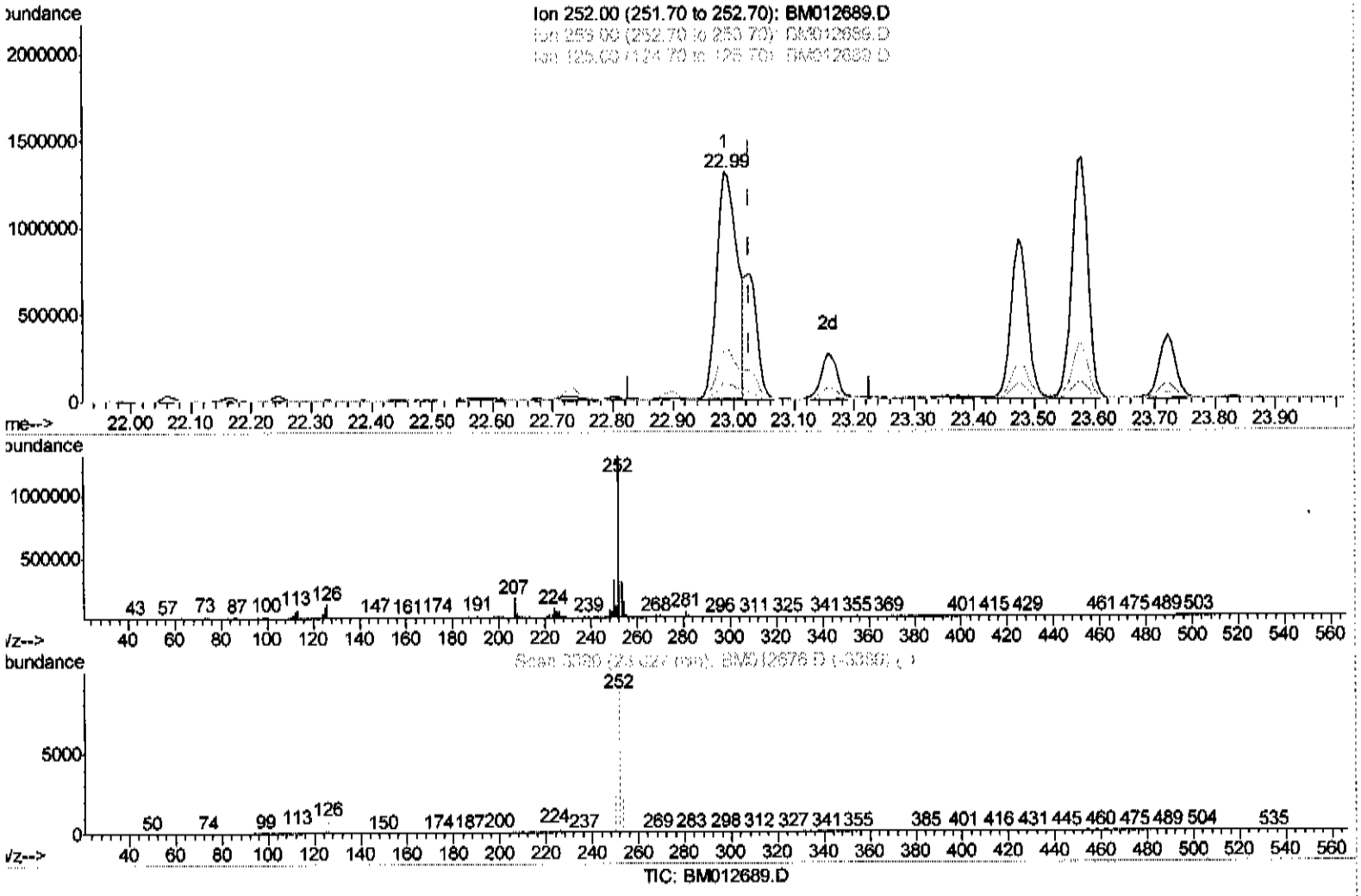
Manual Integrations APPROVED
Sohil
11/3/2017 1:31:15 PM



(86) Benzo(k)fluoranthene

22.985min (-0.041) 44.21ng/ul

response 3108149

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.29
125.00	4.30	7.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012689.D
Acq On : 03 Nov 2017 06:38
Operator : SJ/JU
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Misc :
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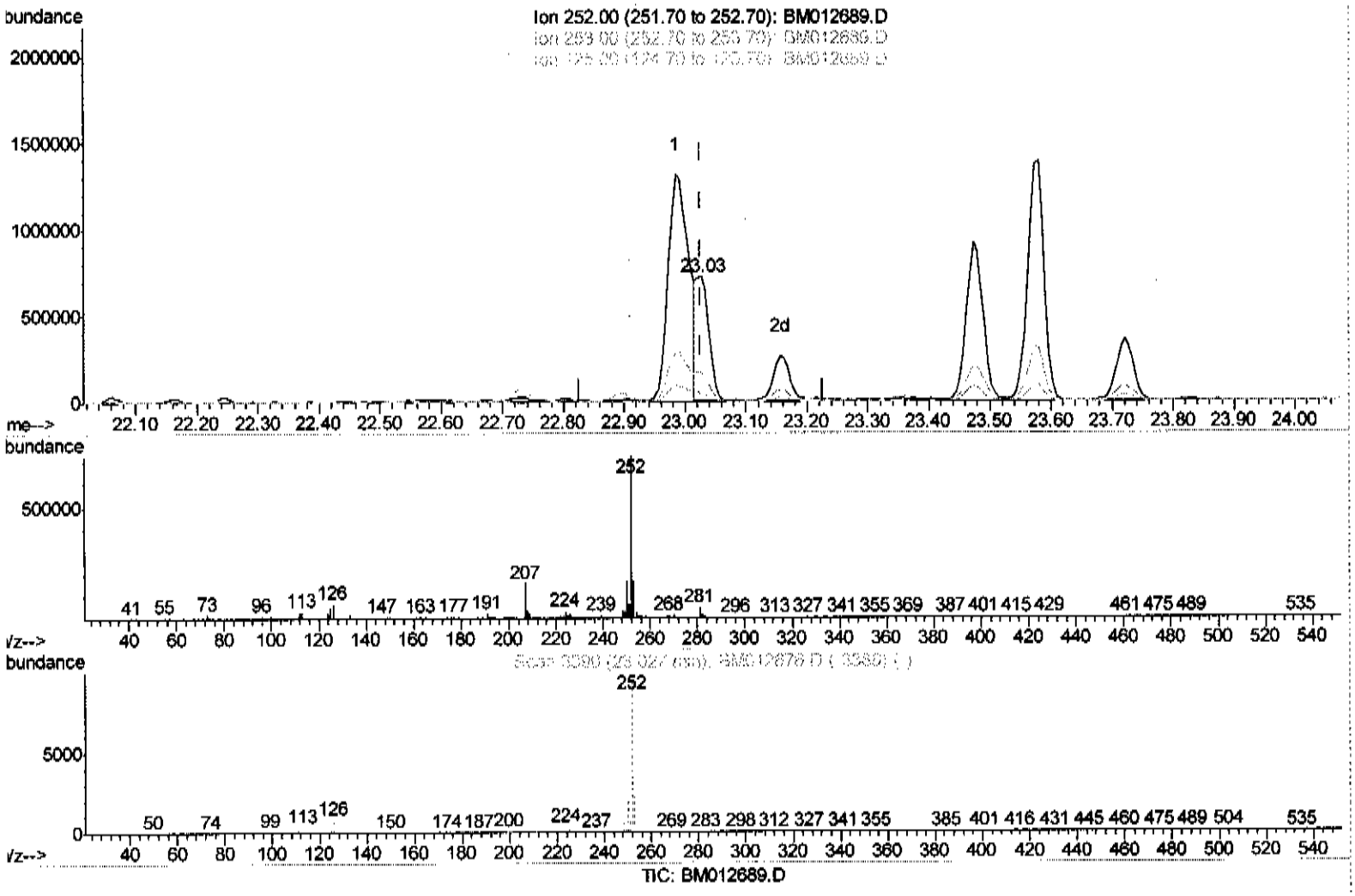
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 05:31:33 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0DW7

Manual Integrations APPROVED
Sohil
11/3/2017 1:31:15 PM



(86) Benzo(k)fluoranthene

23.027min (-0.000) 14.35ng/ul m JU 11/06/17

response 1008764

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.03
125.00	4.30	6.42#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012689.D
Acq On : 03 Nov 2017 06:38
Operator : SJ/JU
Sample : I6004-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 03 07:14:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 05:31:33 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : B0DW7

Manual Integrations APPROVED
Sohil
11/3/2017 1:31:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	158526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	644097	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	405656	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	955930	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1106611	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1208276	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	16844	5.43	ng/uL	0.00
5) Phenol-d5	6.99	99	369678	27.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	202293	25.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	314453	31.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	301906	26.67	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	153452	38.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	181512	43.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	335322	30.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	314428	27.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1043981	29.46	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1301281	31.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	142452	27.04	ng/ul	0.00
57) Fluorene-d10	15.45	176	915598	30.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	142568	30.82	ng/ul	0.00
70) Anthracene-d10	17.30	188	1448302	31.79	ng/ul	0.00
76) Pyrene-d10	19.60	212	1623062	31.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	1880418	32.76	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	104818	7.60	ng/ul#	80
34) 2-Methylnaphthalene	12.27	142	34073	1.31	ng/ul	92
44) Dimethylphthalate	13.92	163	411921	11.75	ng/ul	99
47) Acenaphthylene	14.18	152	439889	11.00	ng/ul	99
49) Acenaphthene	14.52	153	42279	1.54	ng/ul	95
58) Fluorene	15.50	166	127805	3.73	ng/ul	99
69) Phenanthrene	17.24	178	2320631	44.89	ng/ul	100
71) Anthracene	17.34	178	522978	9.79	ng/ul	97
72) Carbazole	17.60	167	75441	1.70	ng/ul#	93
74) Fluoranthene	19.26	202	4650452	79.39	ng/ul#	93
77) Pyrene	19.63	202	5326980	84.65	ng/ul#	92
80) Benzo(a)anthracene	21.37	228	2686052	40.53	ng/ul	96
82) Chrysene	21.42	228	2692888	45.71	ng/ul	97
85) Benzo(b)fluoranthene	22.99	252	3108149	41.61	ng/ul#	98
86) Benzo(k)fluoranthene	23.03	252	1008764m	> 14.35	ng/ul	>
88) Benzo(a)pyrene	23.58	252	2570553	36.10	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.00	276	1749725	20.88	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	458941	6.46	ng/ul#	88
91) Benzo(g,h,i)perylene	26.71	276	1714296	25.24	ng/ul#	96

SJ 11/06/17

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