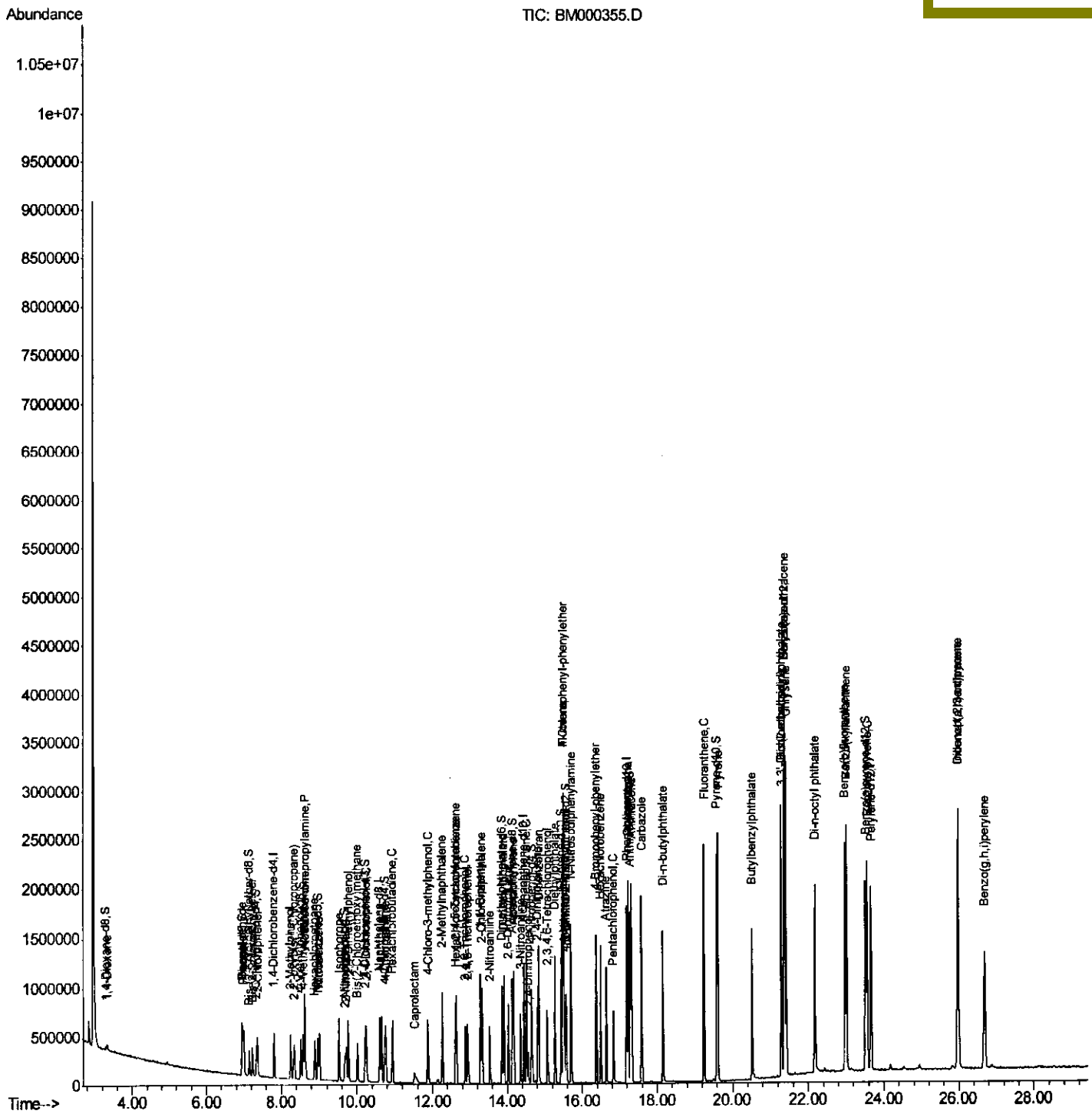
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000355.D
Acq On : 25 Jan 2015 04:38
Operator : TP/IZ
Sample : SSTD02049
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 26 14:46:17 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 26 12:45:18 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
apatel
1/26/2015 4:53:41 PM



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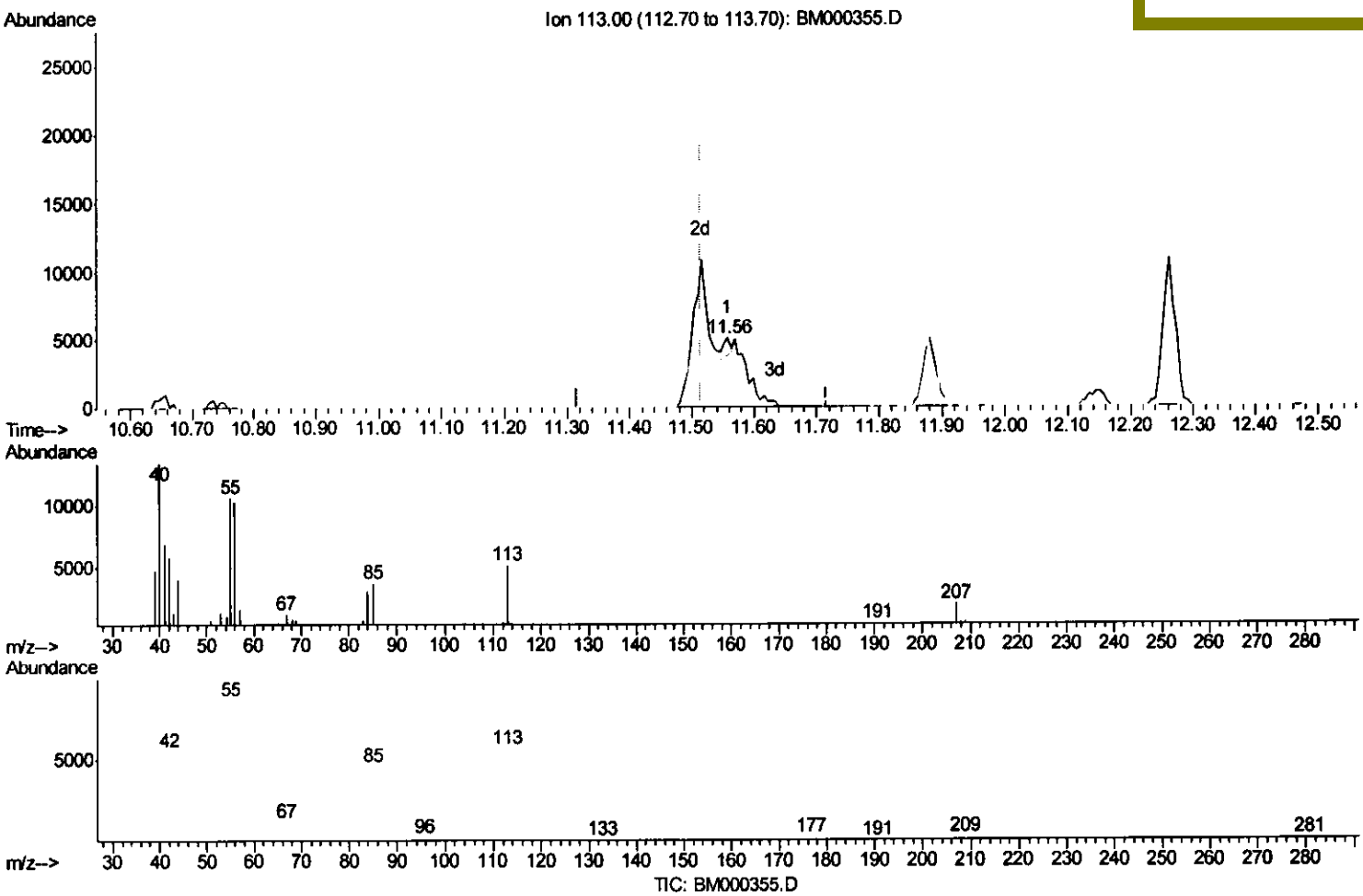

(32) Caprolactam

11.557min (+0.041) 0.50ng/ul

response 953

Ion	Exp%	Act%
113.00	100	100
55.00	218.80	207.75
56.00	174.80	200.88
0.00	0.00	0.00

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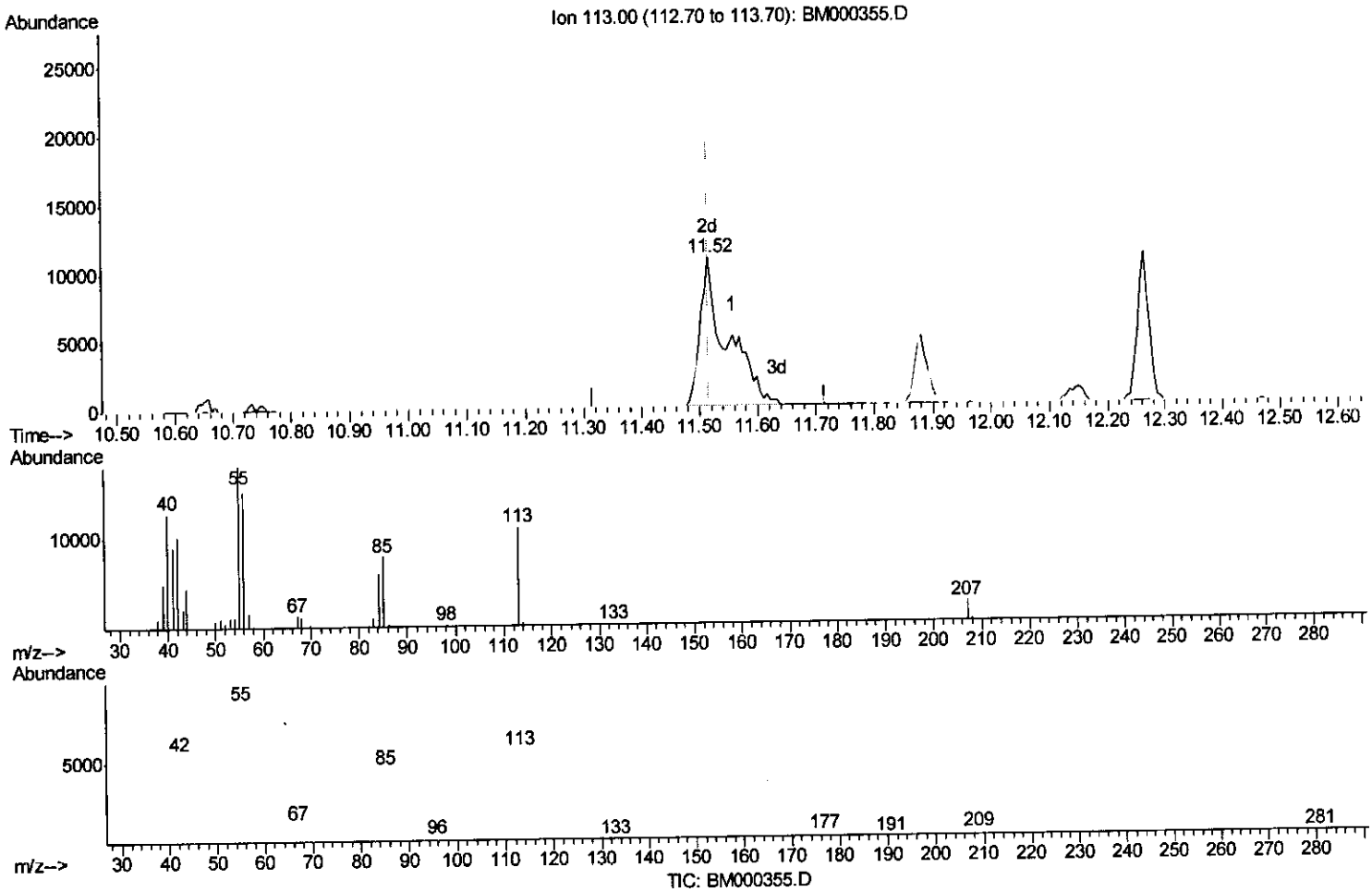

(32) Caprolactam

11.516min (+0.000) 18.31ng/ul m

response 34810

T.P 1/30/15

Ion	Exp%	Act%
113.00	100	100
55.00	218.80	161.80#
56.00	174.80	136.99#
0.00	0.00	0.00

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1/26/2015 4:53:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	88880	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	422872	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	367983	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	938725	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1331653	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	1375829	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	23325	11.51	ng/uL	0.00
5) Phenol-d5	6.97	99	155082	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	110054	21.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	108847	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	113714	19.59	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	60360	18.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	56971	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	127282	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	165382	21.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	502432	19.02	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	643132	19.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	83571	19.12	ng/ul	0.00
57) Fluorene-d10	15.44	176	510945	21.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	91299	18.44	ng/ul	0.00
70) Anthracene-d10	17.29	188	909633	20.41	ng/ul	0.00
76) Pyrene-d10	19.59	212	1099030	18.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1257781	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	30874	11.25	ng/uL	93
4) Benzaldehyde	6.95	77	131412	22.87	ng/ul	97
6) Phenol	7.00	94	169804	21.46	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.23	93	128240	20.01	ng/ul	96
10) 2-Chlorophenol	7.37	128	118629	21.07	ng/ul	96
11) 2-Methylphenol	8.25	108	112410	19.21	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	240952	20.94	ng/ul	98
14) Acetophenone	8.63	105	250291	21.84	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.62	70	120957	20.45	ng/ul	91
16) 4-Methylphenol	8.57	108	131628	20.31	ng/ul	100
17) Hexachloroethane	8.89	117	69326	23.44	ng/ul	94
20) Nitrobenzene	9.01	77	221815	21.48	ng/ul	98
21) Isophorone	9.53	82	334845	18.86	ng/ul#	96
23) 2-Nitrophenol	9.72	139	64611	19.78	ng/ul	88
24) 2,4-Dimethylphenol	9.77	107	176588	19.60	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.01	93	177721	18.59	ng/ul#	94
27) 2,4-Dichlorophenol	10.25	162	132740	20.54	ng/ul	95
28) Naphthalene	10.65	128	429183	19.91	ng/ul	99
30) 4-Chloroaniline	10.76	127	175589	21.05	ng/ul	97
31) Hexachlorobutadiene	10.93	225	112874	22.01	ng/ul	99
32) Caprolactam	11.52	113	34810m	18.31	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	168339	20.68	ng/ul	92
34) 2-Methylnaphthalene	12.26	142	349871	20.98	ng/ul	97

T.P 1/30/15

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	203271	19.27 ng/ul	93
37) Hexachlorocyclopentadiene	12.61	237	121231	17.92 ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	107497	17.85 ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	128174	18.77 ng/ul	97
40) 1,1'-Biphenyl	13.28	154	490738	18.60 ng/ul	100
41) 2-Chloronaphthalene	13.32	162	392262	19.24 ng/ul	95
42) 2-Nitroaniline	13.53	65	127925	17.55 ng/ul	98
44) Dimethylphthalate	13.90	163	525752	19.41 ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	97995	19.77 ng/ul	87
47) Acenaphthylene	14.17	152	680027	19.98 ng/ul	98
48) 3-Nitroaniline	14.35	138	107135	20.89 ng/ul	96
49) Acenaphthene	14.51	153	455960	20.54 ng/ul	98
50) 2,4-Dinitrophenol	14.56	184	48937	18.46 ng/ul	94
52) 4-Nitrophenol	14.66	109	165984	22.96 ng/ul	96
53) Dibenzofuran	14.84	168	691708	21.15 ng/ul	94
54) 2,4-Dinitrotoluene	14.81	165	168805	21.35 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.07	232	121706	20.91 ng/ul#	97
56) Diethylphthalate	15.27	149	590693	20.78 ng/ul	97
58) Fluorene	15.50	166	604749	22.20 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	313511	22.92 ng/ul	97
60) 4-Nitroaniline	15.52	138	125640	21.58 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.57	198	92814	18.12 ng/ul#	91
64) N-Nitrosodiphenylamine	15.70	169	503528	19.08 ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	194372	19.54 ng/ul	90
66) Hexachlorobenzene	16.50	284	233671	19.81 ng/ul	95
67) Atrazine	16.66	200	175992	18.96 ng/ul	99
68) Pentachlorophenol	16.84	266	104233	17.38 ng/ul	96
69) Phenanthrene	17.23	178	1073721	20.40 ng/ul	99
71) Anthracene	17.32	178	1119803	20.80 ng/ul	99
72) Carbazole	17.59	167	993866	21.33 ng/ul	98
73) Di-n-butylphthalate	18.15	149	955916	18.40 ng/ul	97
74) Fluoranthene	19.25	202	1331964	21.49 ng/ul	98
77) Pyrene	19.62	202	1495323	19.06 ng/ul	97
78) Butylbenzylphthalate	20.51	149	347748	14.39 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.30	252	325486	17.01 ng/ul	98
80) Benzo(a)anthracene	21.36	228	1574740	20.22 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	543467	14.64 ng/ul	99
82) Chrysene	21.42	228	1487327	20.29 ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1056142	14.75 ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	1669004	20.12 ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	1636257	20.08 ng/ul	99
88) Benzo(a)pyrene	23.56	252	1620552	20.54 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.98	276	1883595	22.01 ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	1591849	22.18 ng/ul	99
91) Benzo(g,h,i)perylene	26.69	276	1577298	22.30 ng/ul	97

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