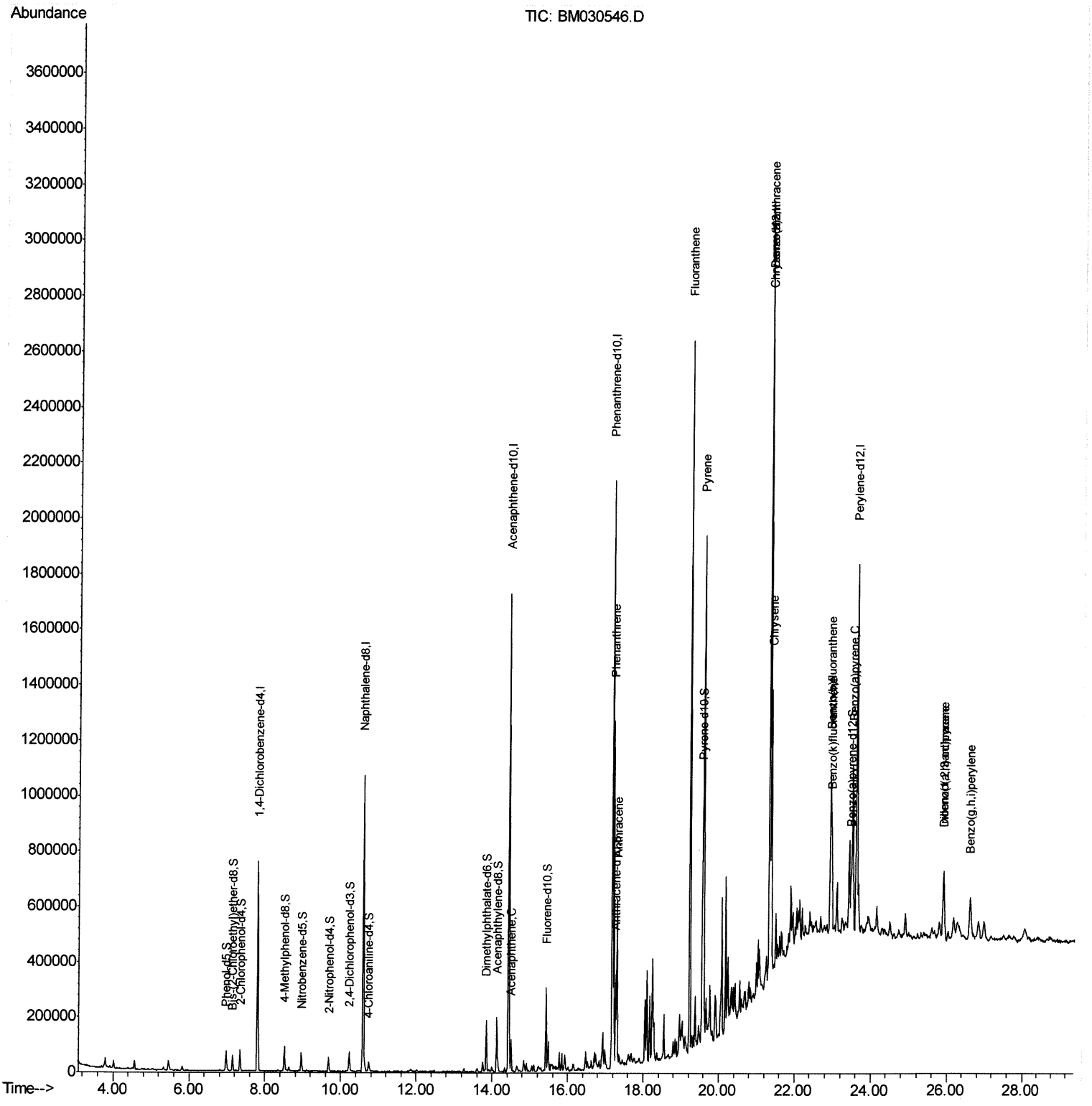
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030546.D
Acq On : 23 Jun 2021 10:30
Operator : CG/JU
Sample : M2662-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jun 23 11:03:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:15 PM

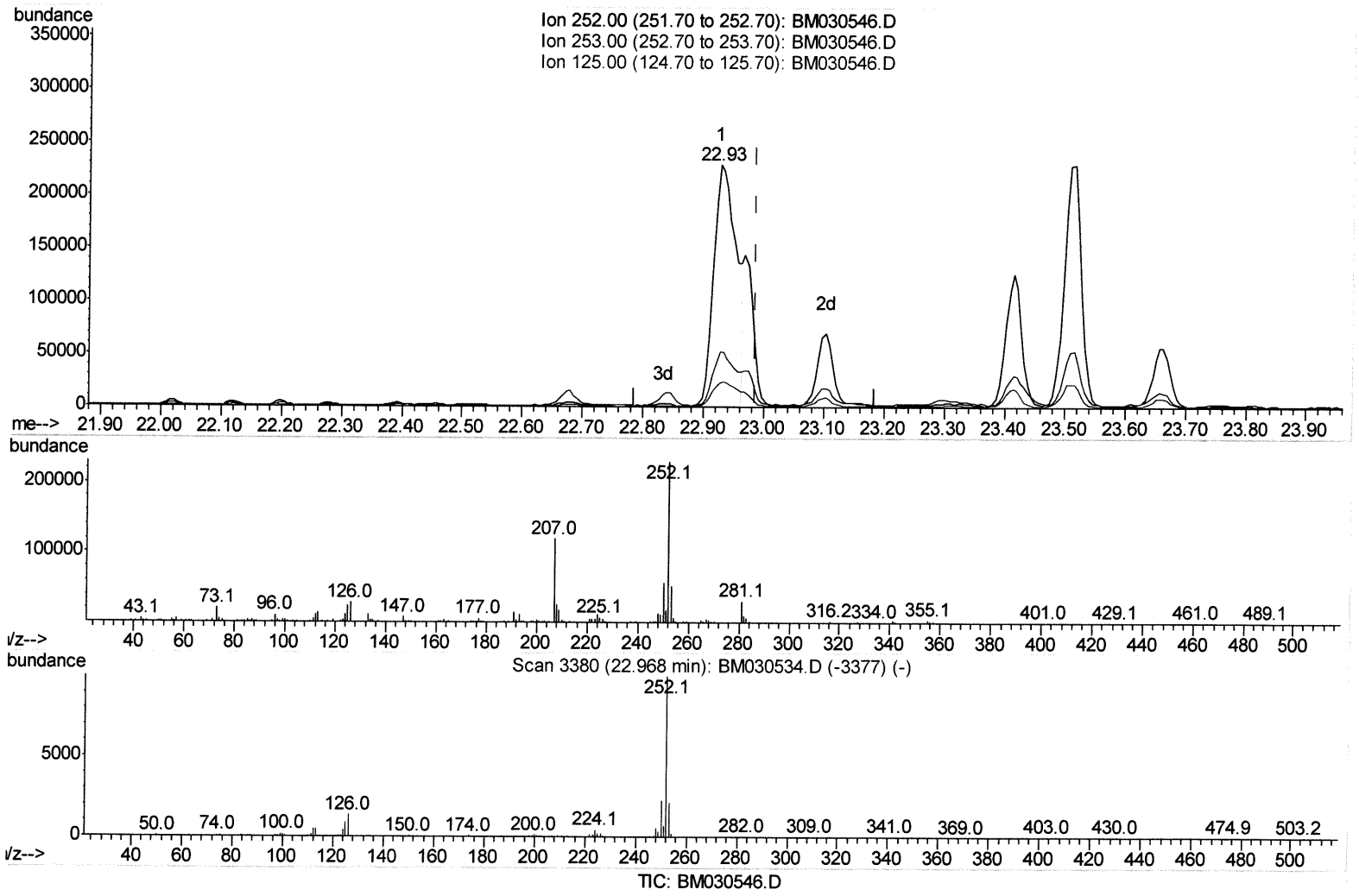


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030546.D
Acq On : 23 Jun 2021 10:30
Operator : CG/JU
Sample : M2662-046DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jun 23 11:01:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:15 PM



(91) Benzo(k)fluoranthene

22.927min (-0.059) 10.36ng/ul

response 591039

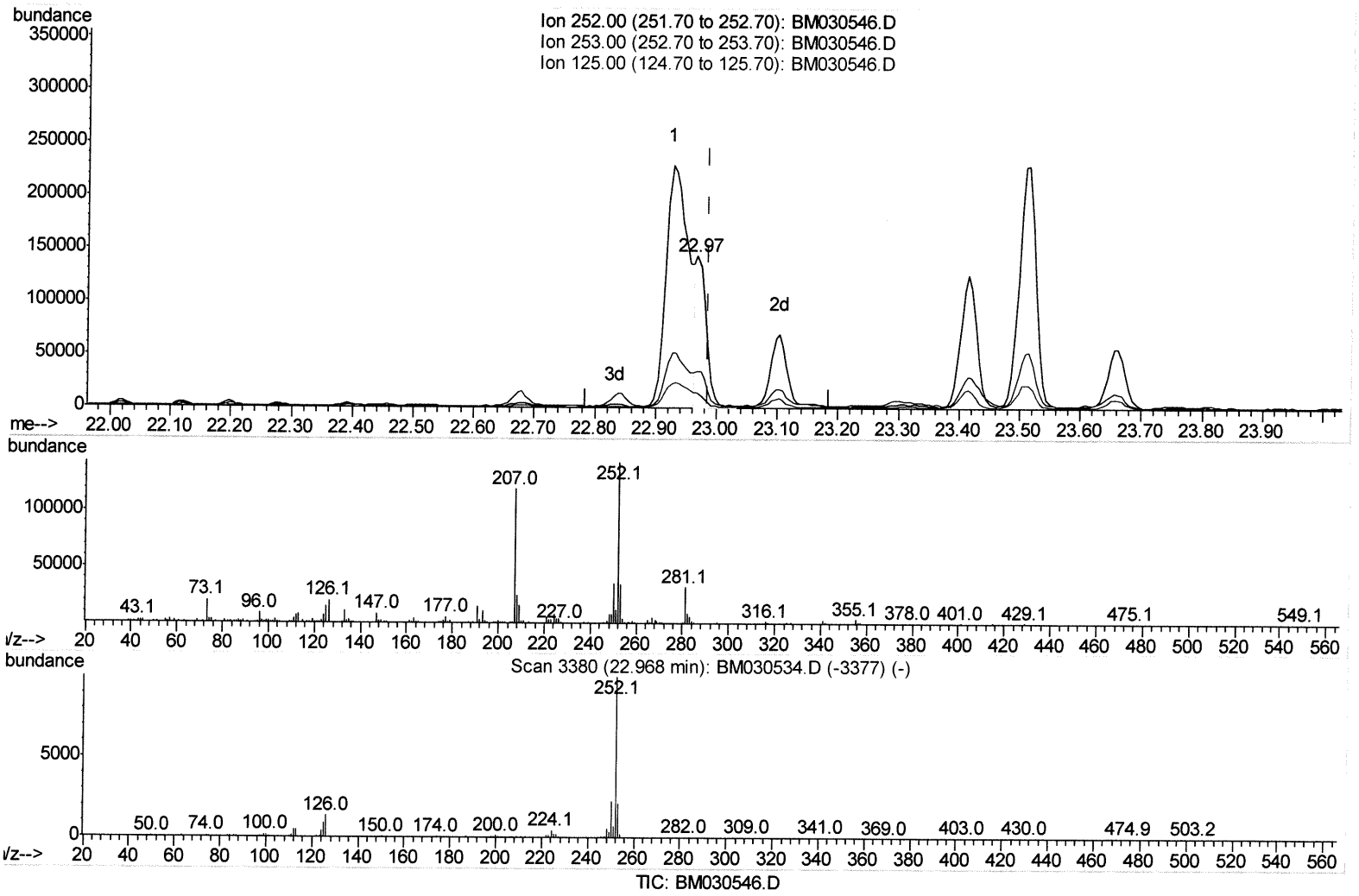
Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.94
125.00	9.90	10.03
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030546.D
Acq On : 23 Jun 2021 10:30
Operator : CG/JU
Sample : M2662-046DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jun 23 11:01:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:15 PM



(91) Benzo(k)fluoranthene

22.968min (-0.018) 2.96ng/ul m JU 6/23/21

response 168654

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.01
125.00	9.90	10.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030546.D
Acq On : 23 Jun 2021 10:30
Operator : CG/JU
Sample : M2662-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:15 PM

Quant Time: Jun 23 11:03:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	202815	20.00	ng/ul	0.00
20) Naphthalene-d8	10.59	136	879353	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.43	164	590560	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.17	188	1229844	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	1039089	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	934759	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	2517	0.50	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.97	99	41486	2.37	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	28018	2.55	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	34427	2.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	34697	2.55	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	15777	2.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	16323	2.24	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	33171	2.37	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	23091	1.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	122538	3.01	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	140124	2.65	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	4950	0.64	ng/ul	0.02
60) Fluorene-d10	15.43	176	113120	3.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	5630	0.70	ng/ul	0.00
73) Anthracene-d10	17.27	188	182344	3.18	ng/ul	-0.01
81) Pyrene-d10	19.56	212	207504	3.81	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.46	264	151112	3.11	ng/ul	-0.02
Target Compounds						Qvalue
52) Acenaphthene	14.50	153	44339	1.244	ng/ul	98
72) Phenanthrene	17.22	178	714486	10.818	ng/ul	100
74) Anthracene	17.30	178	371666	5.504	ng/ul	99
80) Fluoranthene	19.23	202	1468743	22.088	ng/ul	98
82) Pyrene	19.59	202	1147614	16.425	ng/ul	99
85) Benzo(a)anthracene	21.33	228	701911	10.885	ng/ul	95
87) Chrysene	21.38	228	542357	8.628	ng/ul	97
90) Benzo(b)fluoranthene	22.93	252	591039	9.959	ng/ul	99
91) Benzo(k)fluoranthene	22.97	252	168654m>	2.957	ng/ul>	JU 6/28/21
93) Benzo(a)pyrene	23.52	252	433944	8.132	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.90	276	229560	3.417	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.91	278	63076	1.133	ng/ul#	78
96) Benzo(g,h,i)perylene	26.61	276	180944	3.228	ng/ul	97

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