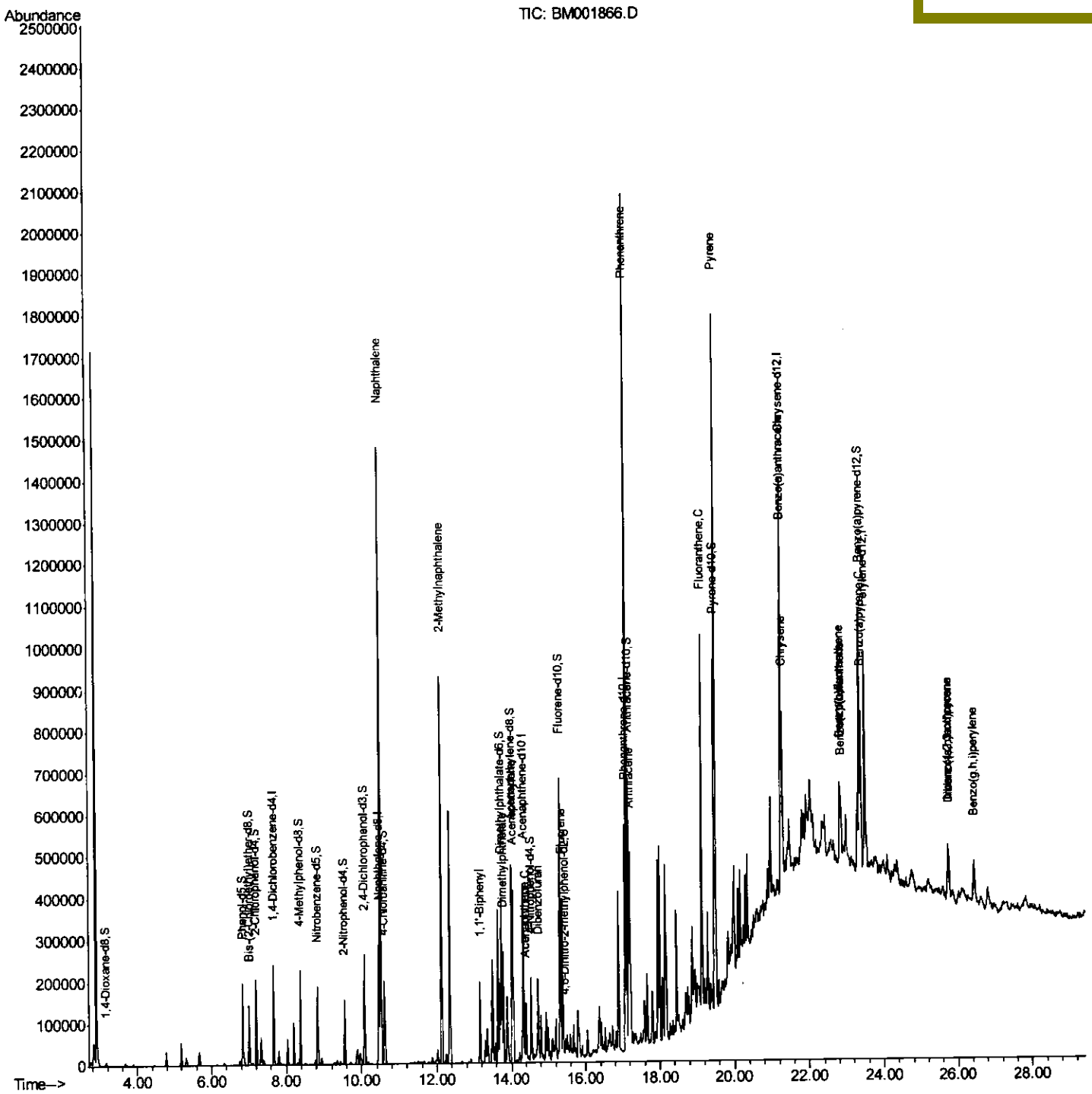
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070615\
Data File : BM001866.D
Acq On : 07 Jul 2015 14:01
Operator : TP/UM
Sample : G2860-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 08 04:33:13 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G93K2

Manual Integrations APPROVED
apatel
7/8/2015 4:25:04 PM



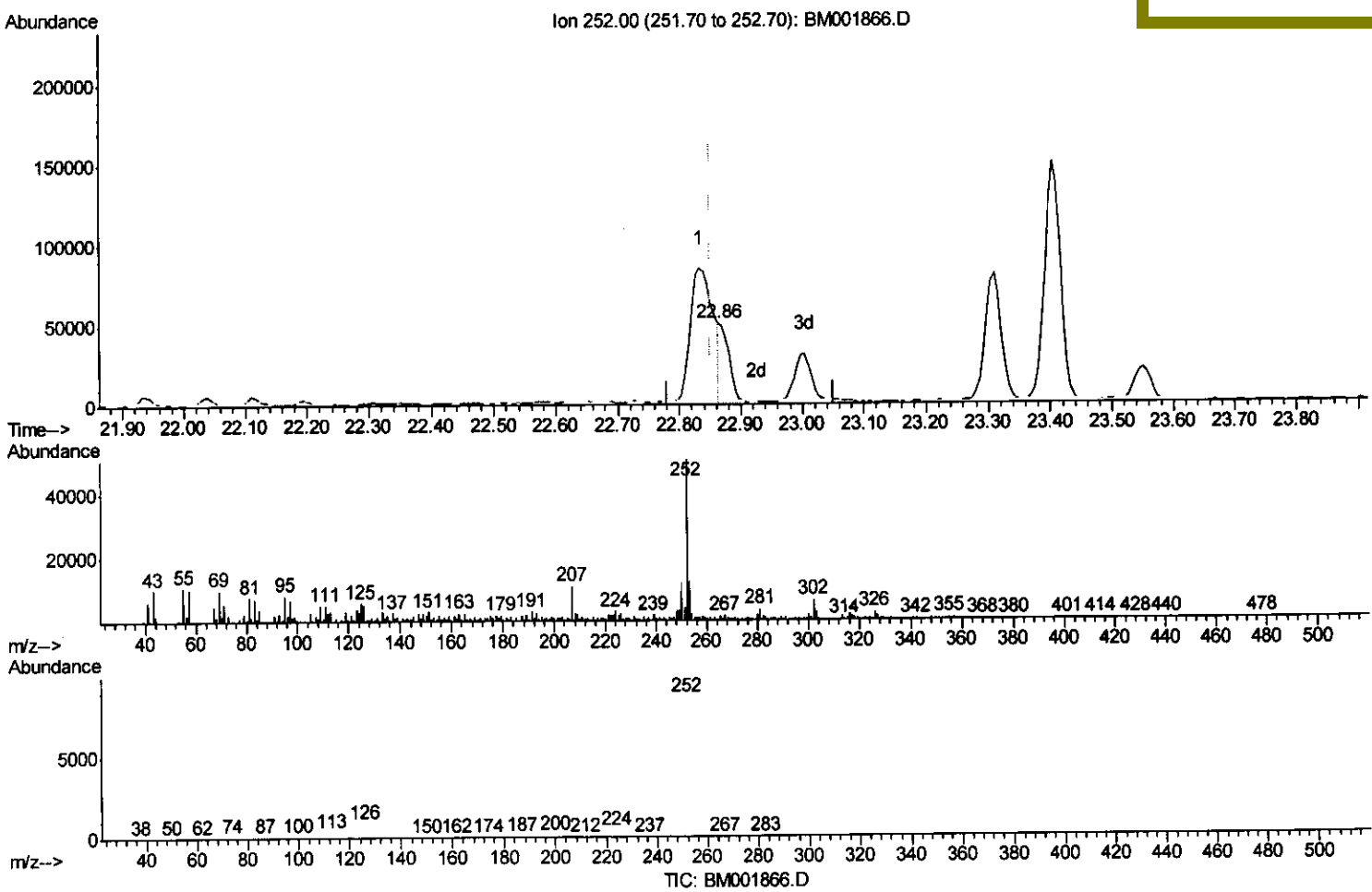
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070615\
Data File : BM001866.D
Acq On : 07 Jul 2015 14:01
Operator : TP/UM
Sample : G2860-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 08 04:29:03 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G93K2

Manual Integrations APPROVED
apatel
7/8/2015 4:25:04 PM



(88) Benzo(k)fluoranthene

22.862min (+0.012) 2.59ng/ul m

response 54993

T.P 7/9/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.68
125.00	6.60	12.08#
0.00	0.00	0.00

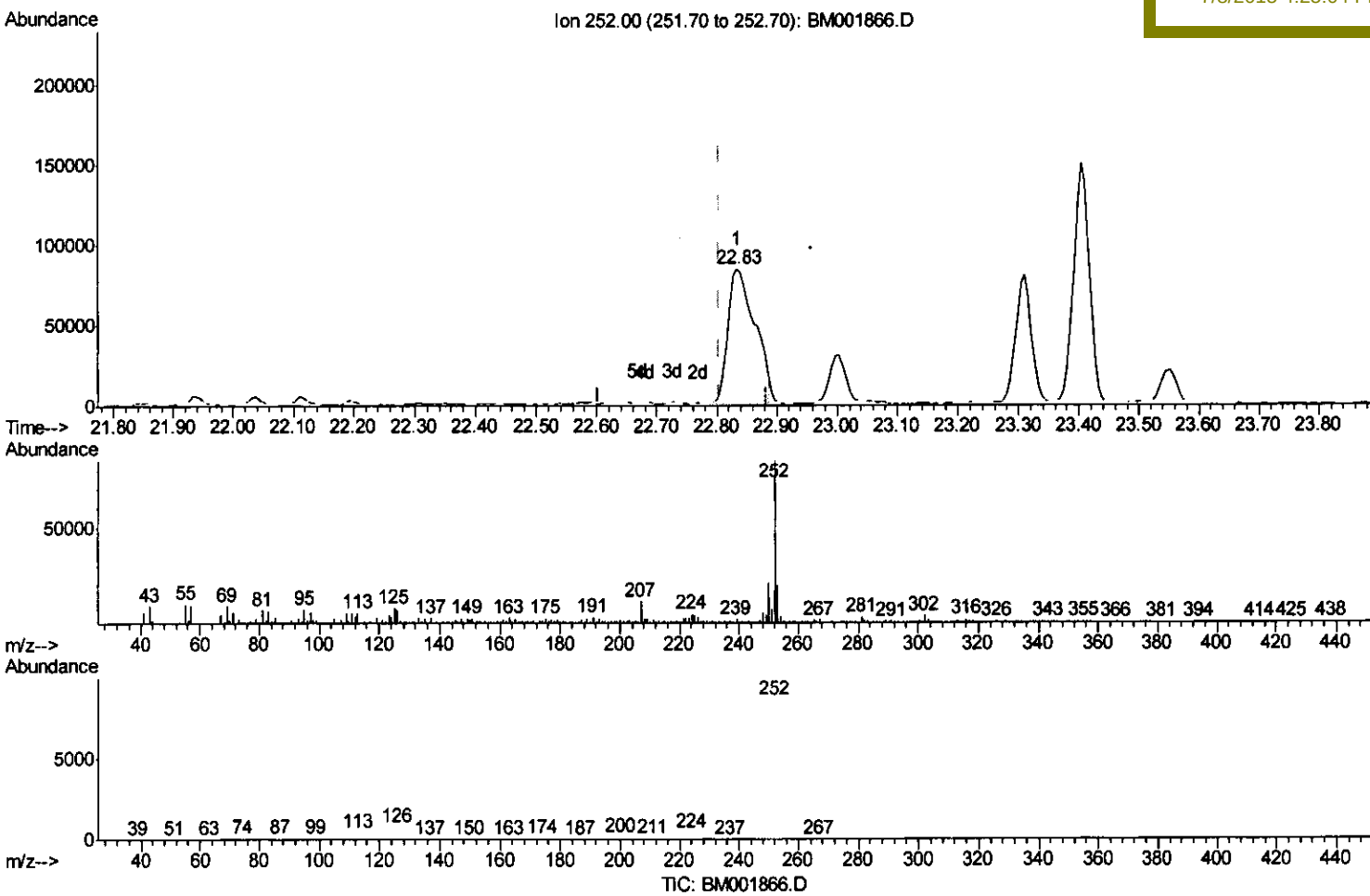
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070615\
Data File : BM001866.D
Acq On : 07 Jul 2015 14:01
Operator : TP/UM
Sample : G2860-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 08 02:19:44 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G93K2

Manual Integrations APPROVED
apatel
7/8/2015 4:25:04 PM



(87) Benzo(b)fluoranthene

22.833min (+0.029) 11.85ng/ul

response 260518

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.36
125.00	6.60	9.81#
0.00	0.00	0.00

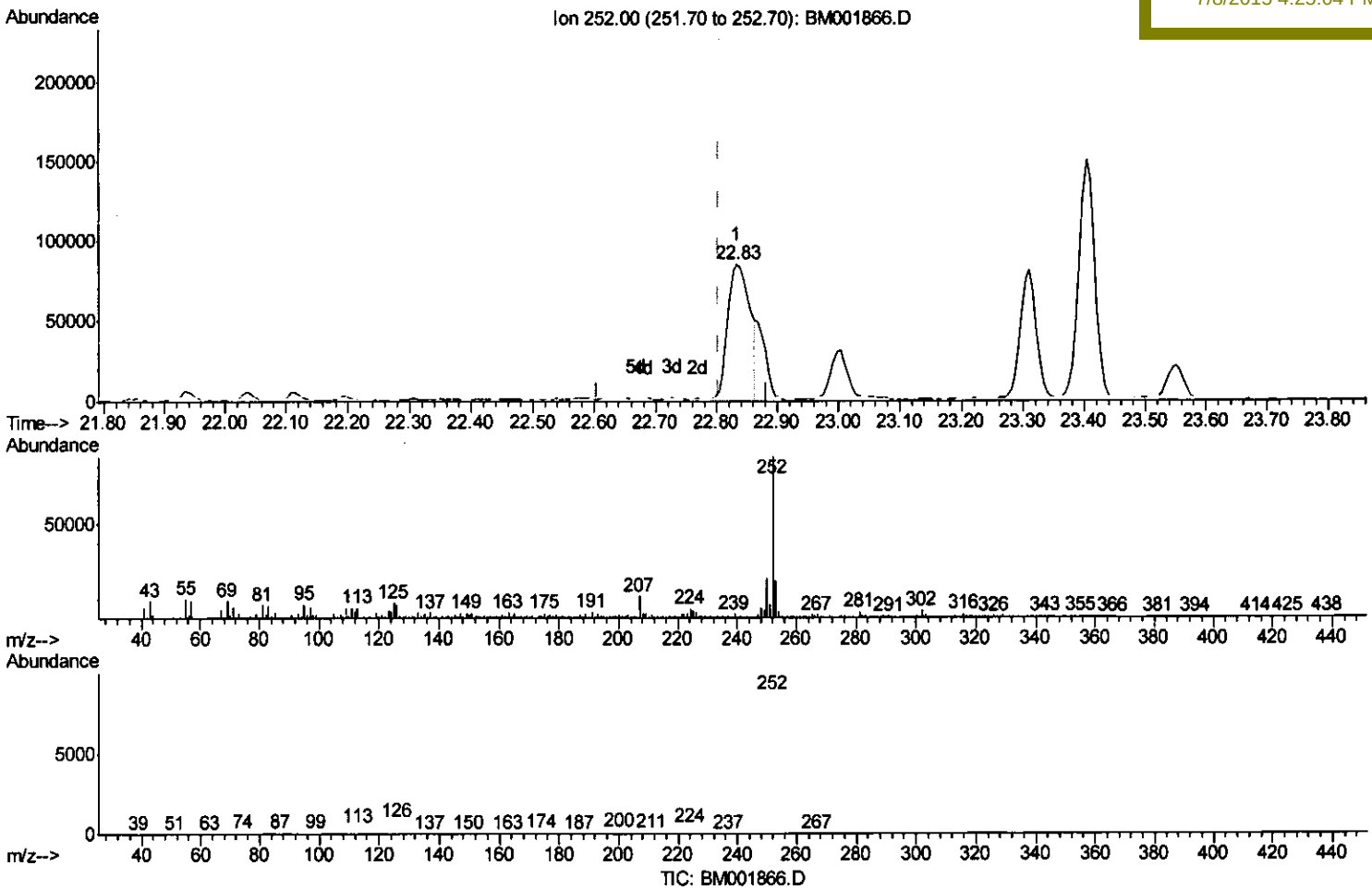
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070615\
Data File : BM001866.D
Acq On : 07 Jul 2015 14:01
Operator : TP/UM
Sample : G2860-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 08 02:19:44 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G93K2

Manual Integrations APPROVED
apatel
7/8/2015 4:25:04 PM



(87) Benzo(b)fluoranthene

22.833min (+0.029) 9.79ng/ul m

response 215131

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.36
125.00	6.60	9.81#
0.00	0.00	0.00

TP 7/9/15

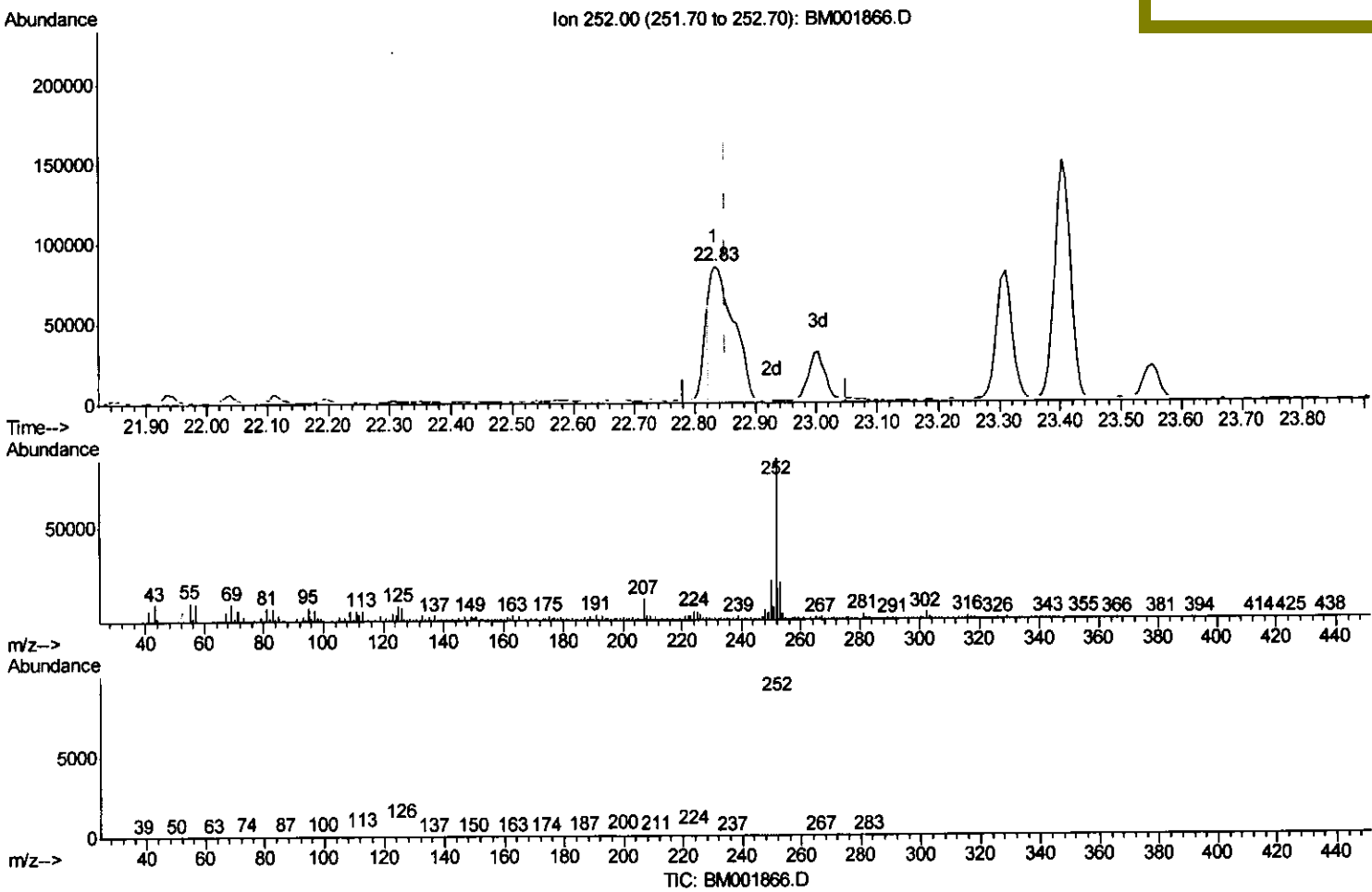
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM070615\
Data File : BM001866.D
Acq On : 07 Jul 2015 14:01
Operator : TP/UM
Sample : G2860-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 08 04:29:03 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G93K2

Manual Integrations APPROVED
apatel
7/8/2015 4:25:04 PM



(88) Benzo(k)fluoranthene

22.833min (-0.018) 10.51ng/ul

response 223315

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.36
125.00	6.60	9.81#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070615\
Data File : BM001866.D
Acq On : 07 Jul 2015 14:01
Operator : TP/UM
Sample : G2860-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 08 04:33:13 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : G93K2

Manual Integrations APPROVED
apatel
7/8/2015 4:25:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	61893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	239215	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.33	164	136818	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.07	188	302709	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	361109	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	377614	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	5208	4.01	ng/uL	0.00
5) Phenol-d5	6.84	99	107069	22.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	60232	22.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	89900	23.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	80113	20.99	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	42765	25.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	48408	26.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	91805	23.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	103030	26.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	243333	23.98	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	332303	24.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	35192	18.80	ng/ul	0.01
57) Fluorene-d10	15.32	176	234432	24.90	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.46	200	9856	5.33	ng/ul	0.02
70) Anthracene-d10	17.17	188	353785	25.09	ng/ul	0.01
78) Pyrene-d10	19.47	212	405367	26.50	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.36	264	421044	25.30	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.51	128	1180441	97.73	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	436975	50.03	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	98526	8.82	ng/ul	99
44) Dimethylphthalate	13.78	163	72133	6.50	ng/ul#	96
47) Acenaphthylene	14.04	152	229210	16.90	ng/ul	98
49) Acenaphthene	14.39	153	60407	6.67	ng/ul	99
53) Dibenzofuran	14.72	168	64462	4.97	ng/ul	97
58) Fluorene	15.37	166	173148	16.03	ng/ul	99
69) Phenanthrene	17.12	178	1245751	75.90	ng/ul	99
71) Anthracene	17.20	178	284110	16.86	ng/ul	98
76) Fluoranthene	19.14	202	506040	25.78	ng/ul	100
79) Pyrene	19.50	202	975501	48.69	ng/ul	99
82) Benzo(a)anthracene	21.25	228	285976	13.55	ng/ul	94
84) Chrysene	21.30	228	229341	11.47	ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	215131m	9.79	ng/ul	
88) Benzo(k)fluoranthene	22.86	252	54993m	2.59	ng/ul	
90) Benzo(a)pyrene	23.40	252	270797	12.66	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.74	276	112343	4.43	ng/ul	95
92) Dibenzo(a,h)anthracene	25.76	278	32624	1.53	ng/ul#	72
93) Benzo(g,h,i)perylene	26.44	276	118106	5.54	ng/ul	98

TP 7/9/15

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