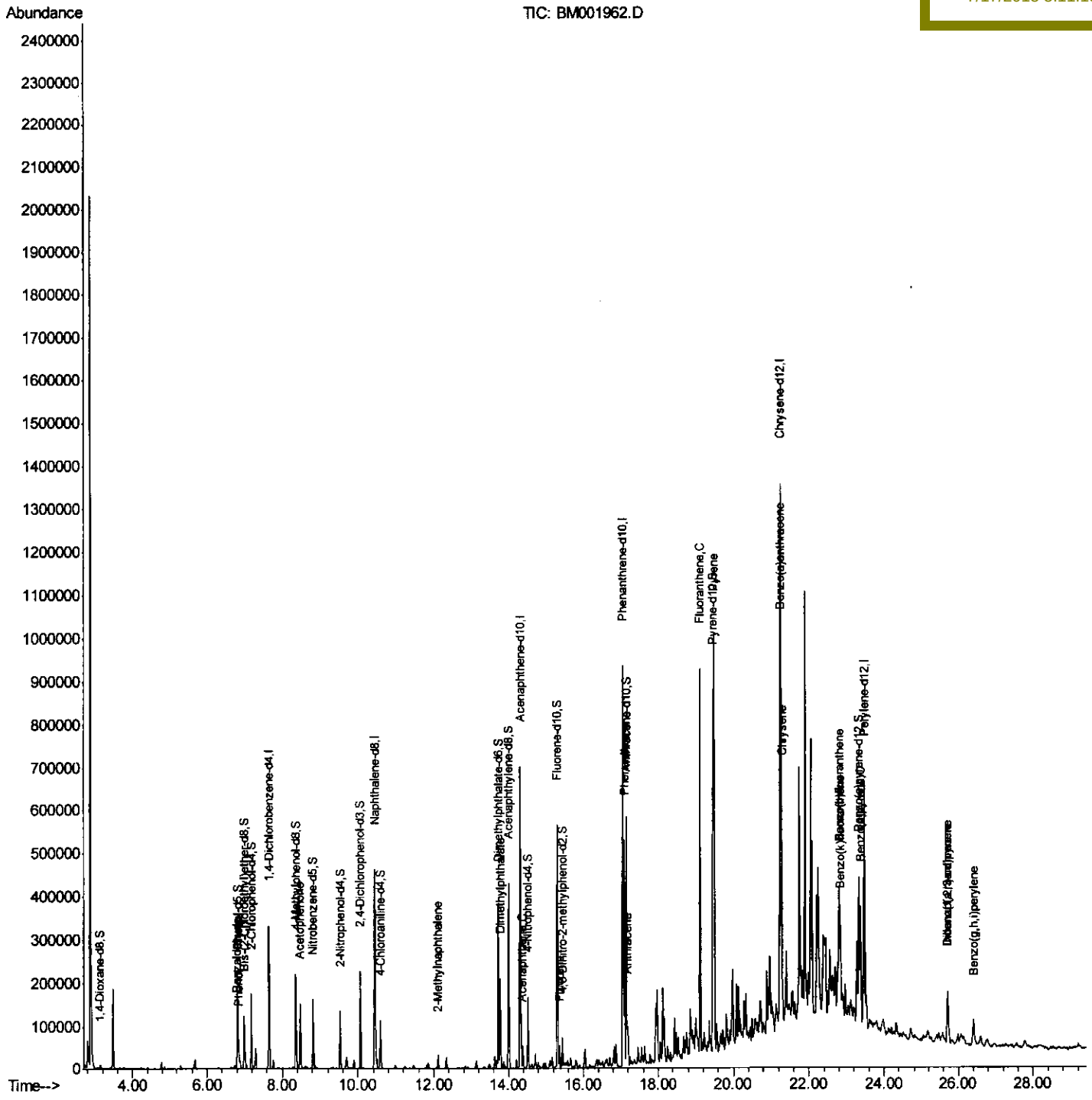
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001962.D
Acq On : 17 Jul 2015 00:45
Operator : TP/UM
Sample : G2998-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 17 03:15:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 01:40:19 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01H0

Manual Integrations APPROVED
apatel
7/17/2015 5:11:18 PM



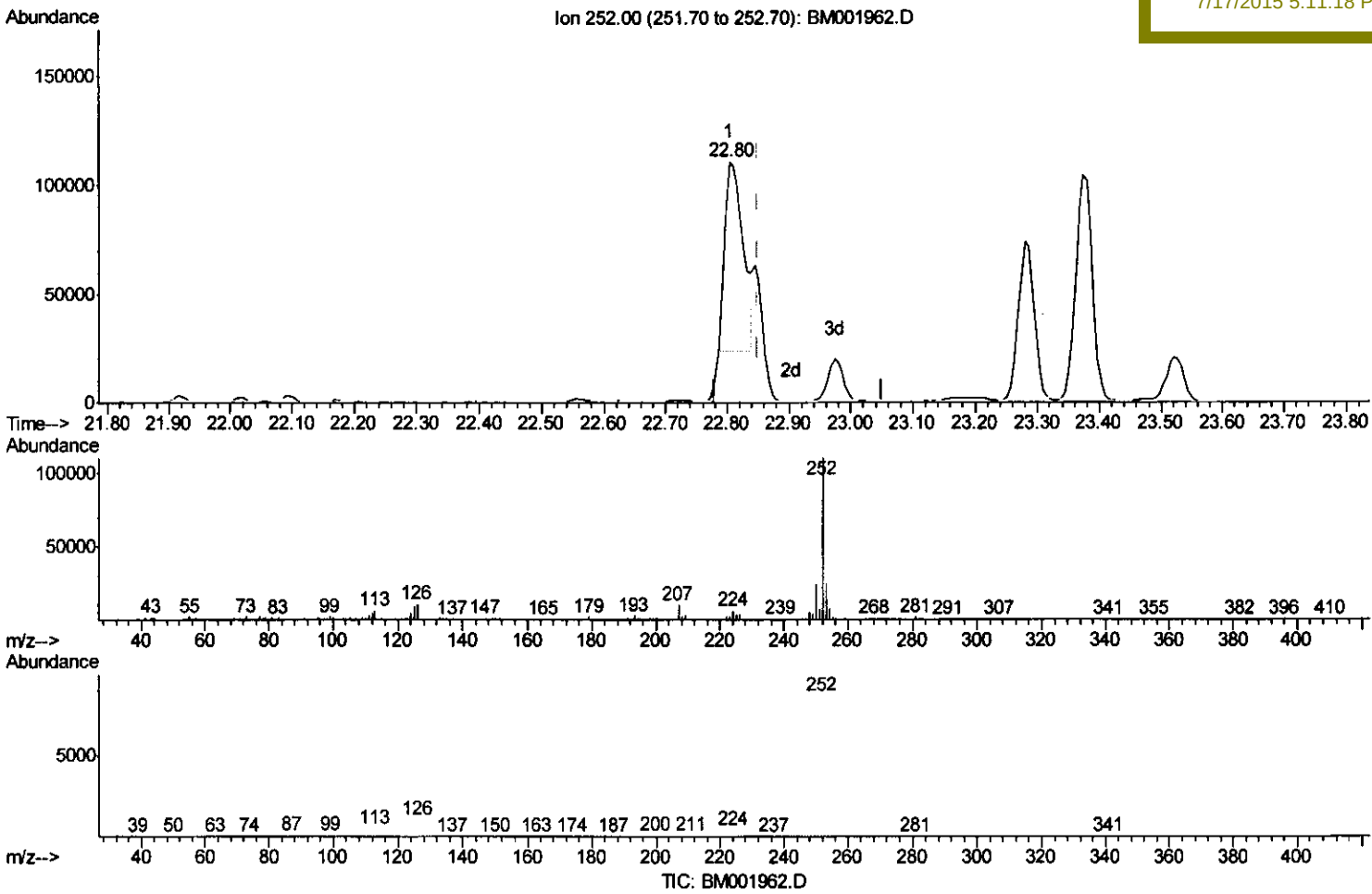
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001962.D
Acq On : 17 Jul 2015 00:45
Operator : TP/UM
Sample : G2998-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 17 03:11:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 01:40:19 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01H0

Manual Integrations APPROVED
apatel
7/17/2015 5:11:18 PM



(88) Benzo(k)fluoranthene

22.803min (-0.047) 7.60ng/ul

response 182314

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.88
125.00	7.00	8.61#
0.00	0.00	0.00

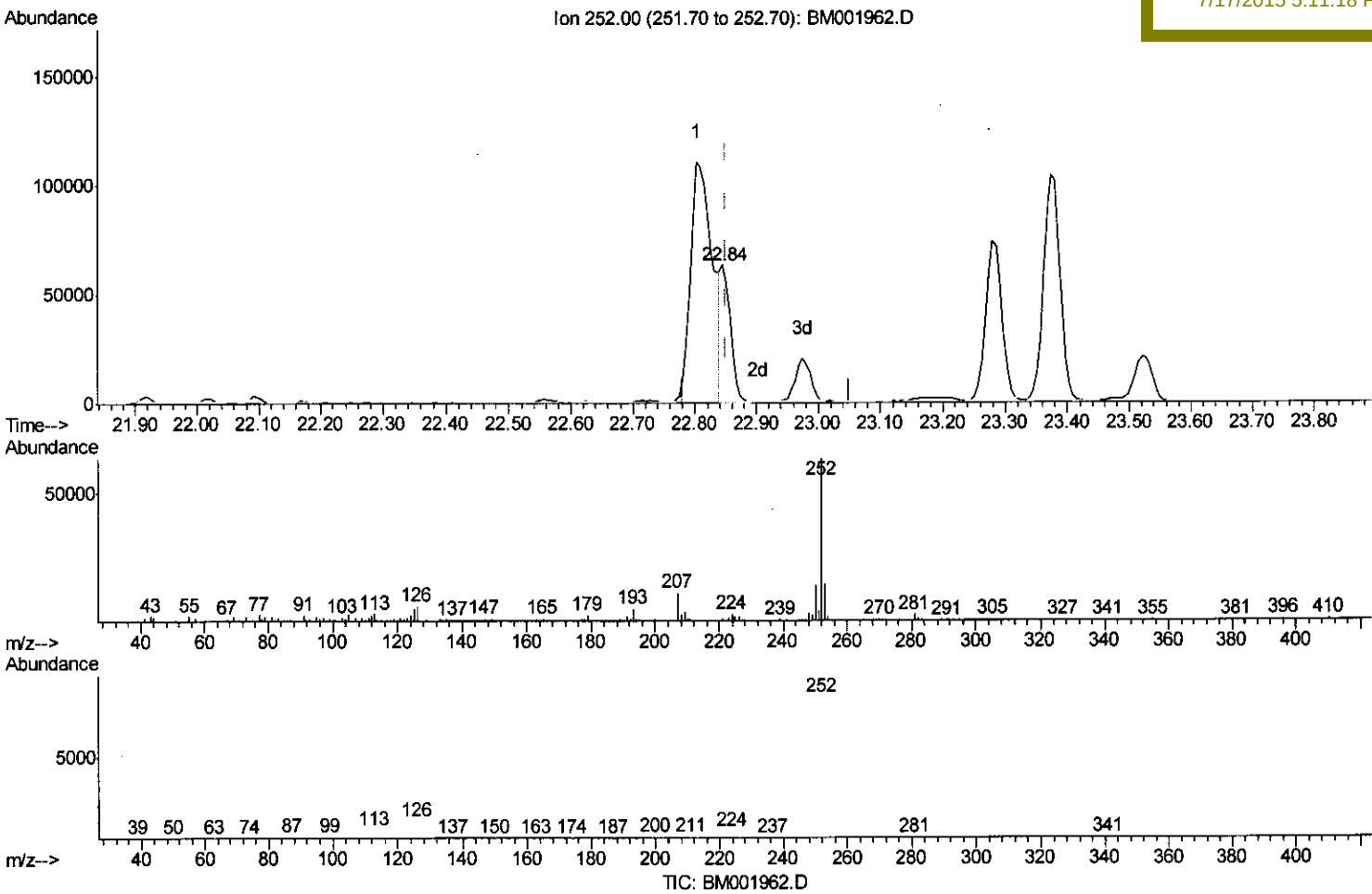
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001962.D
Acq On : 17 Jul 2015 00:45
Operator : TP/UM
Sample : G2998-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 17 03:11:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 01:40:19 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01H0

Manual Integrations APPROVED
apatel
7/17/2015 5:11:18 PM



(88) Benzo(k)fluoranthene

22.844min (-0.006) 2.92ng/ul m

response 69905

T.P 3/16/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.68
125.00	7.00	7.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001962.D
Acq On : 17 Jul 2015 00:45
Operator : TP/UM
Sample : G2998-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 17 03:15:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 01:40:19 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C01H0

Manual Integrations APPROVED
apatel
7/17/2015 5:11:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	87537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	373775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	232051	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	525650	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	520568	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	406897	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3837	2.14	ng/uL	0.00
5) Phenol-d5	6.82	99	94948	13.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	53965	13.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	76518	13.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	79987	13.63	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	38048	13.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	42795	13.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	85327	13.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	61428	9.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	251960	13.46	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	304279	13.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	37165	11.73	ng/ul	0.00
57) Fluorene-d10	15.30	176	215789	13.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	16980	4.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	317118	12.85	ng/ul	0.00
78) Pyrene-d10	19.46	212	335207	14.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	218645	10.63	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.80	77	5419	1.57	ng/ul#	81
6) Phenol	6.85	94	15426	2.09	ng/ul	92
14) Acetophenone	8.47	105	83091	8.96	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	16522	1.18	ng/ul	96
44) Dimethylphthalate	13.77	163	134028	7.04	ng/ul	99
49) Acenaphthene	14.37	153	23453	1.52	ng/ul	98
58) Fluorene	15.36	166	19941	1.07	ng/ul	99
69) Phenanthrene	17.10	178	326995	11.48	ng/ul	100
71) Anthracene	17.19	178	66759	2.27	ng/ul	98
76) Fluoranthene	19.12	202	516005	15.50	ng/ul	99
79) Pyrene	19.49	202	602869	19.36	ng/ul	99
82) Benzo(a)anthracene	21.23	228	257129	8.30	ng/ul	97
84) Chrysene	21.29	228	269883	9.30	ng/ul	97
87) Benzo(b)fluoranthene	22.80	252	267404	10.72	ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	69905m	2.92	ng/ul	
90) Benzo(a)pyrene	23.37	252	193012	8.24	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.71	276	110716	4.50	ng/ul	97
92) Dibenzo(a,h)anthracene	25.71	278	30520	1.47	ng/ul#	85
93) Benzo(g,h,i)perylene	26.40	276	76134	3.77	ng/ul	99

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

T.P 7/16/15