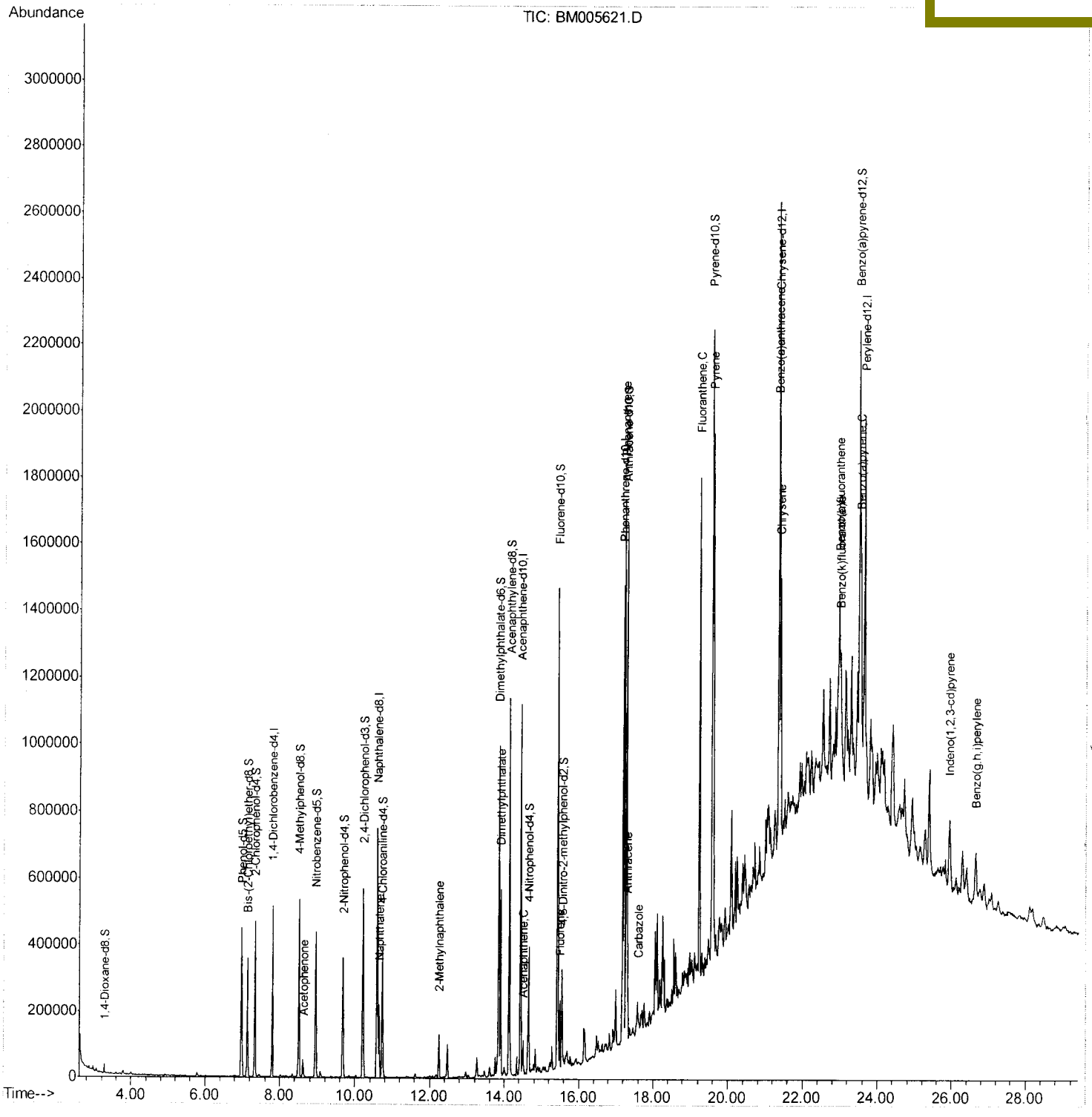
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005621.D
Acq On : 23 May 2016 22:22
Operator : UM/SJ
Sample : H3087-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 07:24:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHGK8

Manual Integrations APPROVED
umangi
5/24/2016 7:41:37 PM



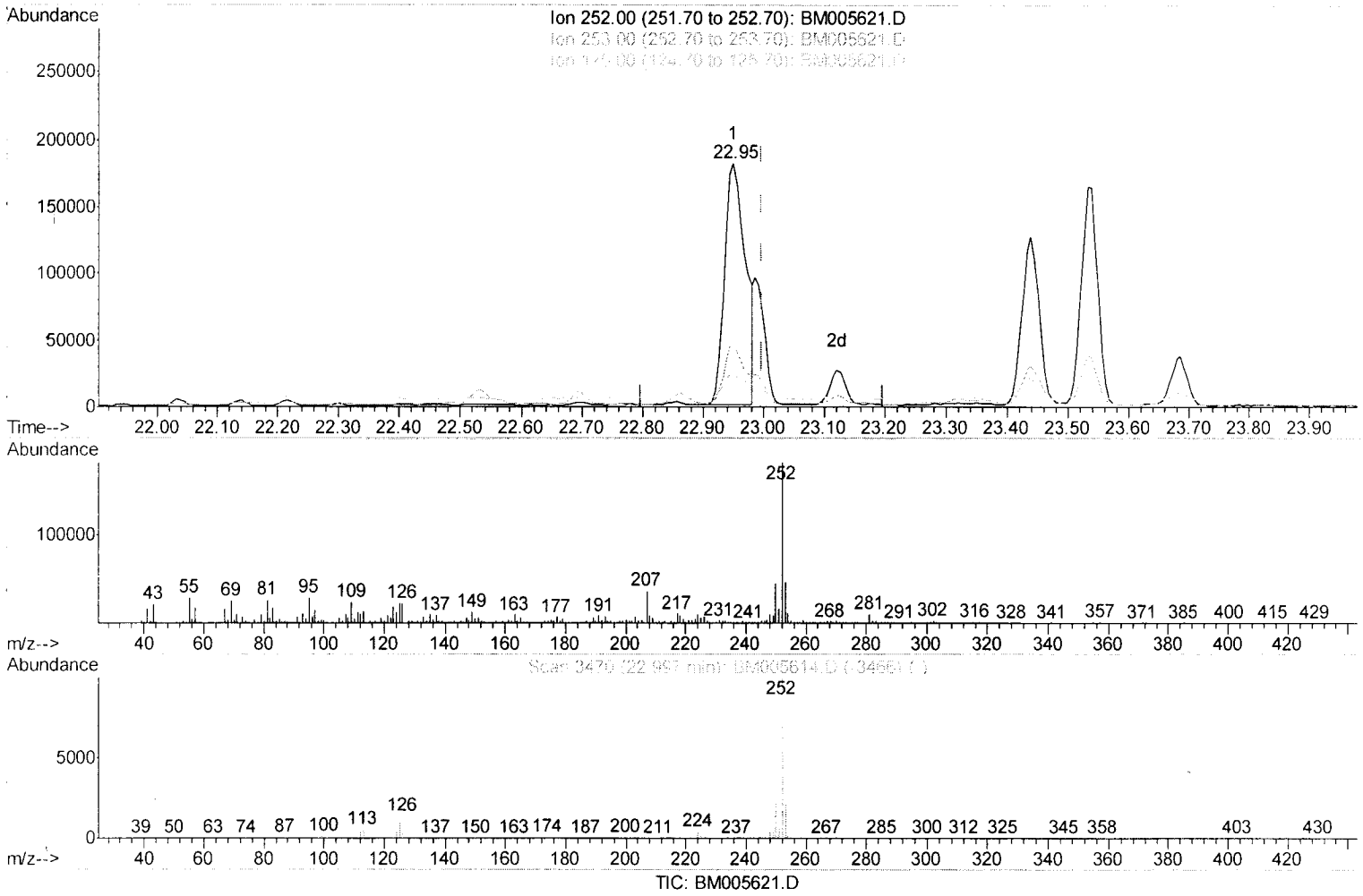
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005621.D
Acq On : 23 May 2016 22:22
Operator : UM/SJ
Sample : H3087-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 06:57:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHGK8

Manual Integrations APPROVED
umangi
5/24/2016 7:41:37 PM



(86) Benzo(k)fluoranthene

22.950min (-0.047) 9.22ng/ul

response 428145

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	25.45
125.00	8.80	12.65#
0.00	0.00	0.00

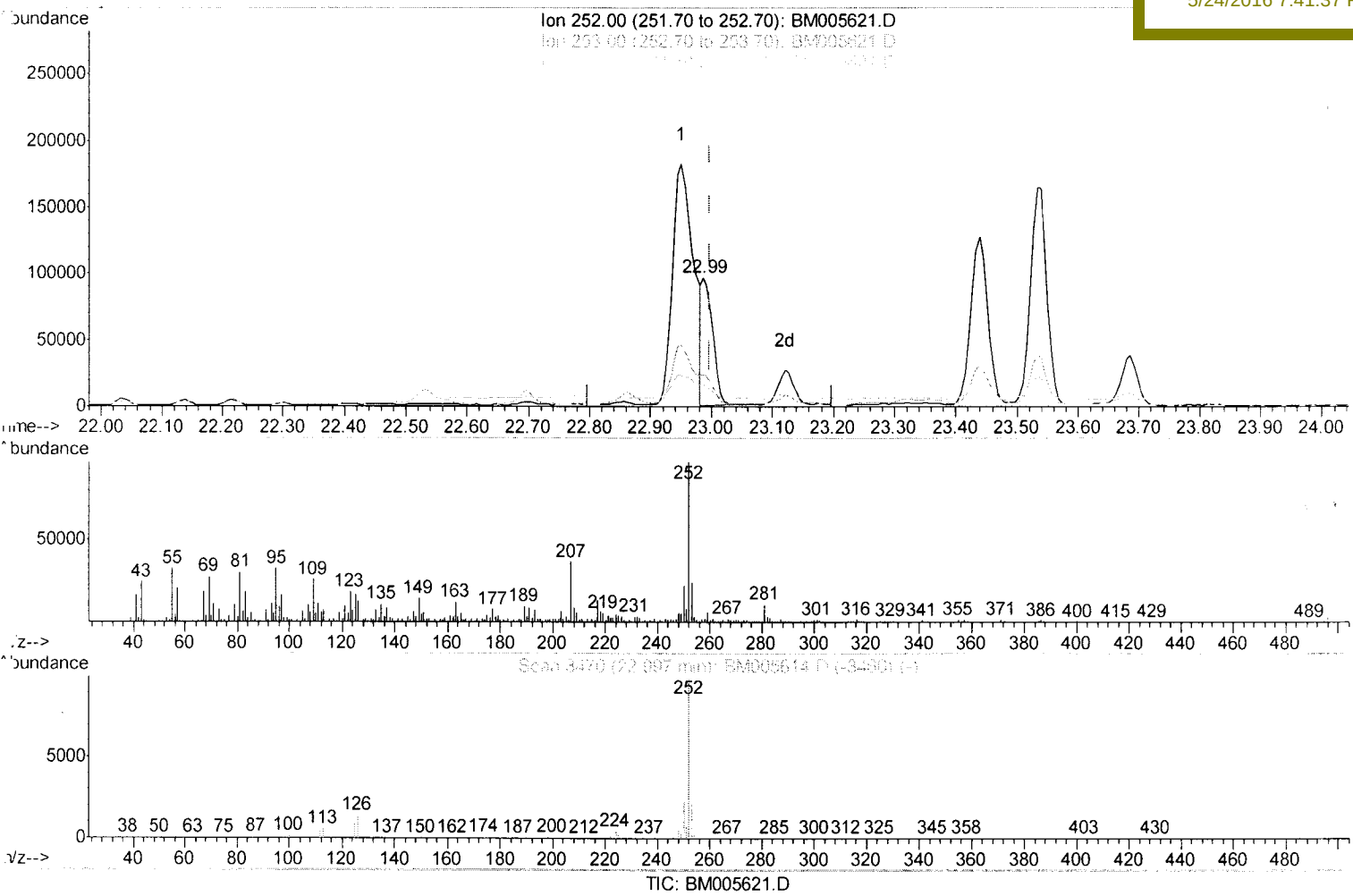
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005621.D
Acq On : 23 May 2016 22:22
Operator : UM/SJ
Sample : H3087-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 07:24:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHGK8

Manual Integrations APPROVED
umangi
5/24/2016 7:41:37 PM



(86) Benzo(k)fluoranthene

22.986min (-0.012) 2.63ng/ul m } U, M, 05/25/16

response 121892

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.58
125.00	8.80	17.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005621.D
Acq On : 23 May 2016 22:22
Operator : UM/SJ
Sample : H3087-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 07:24:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : JHGK8

Manual Integrations APPROVED
umangi
5/24/2016 7:41:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	136959	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	641816	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	362601	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	791561	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	826382	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	831463	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	12257	3.92	ng/uL	0.00
5) Phenol-d5	6.97	99	260924	23.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	156436	24.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	217977	23.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	200443	21.79	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	107053	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	121970	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	209998	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	220459	21.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	640462	21.64	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	834903	22.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	98841	17.65	ng/ul	0.00
57) Fluorene-d10	15.43	176	576863	22.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	65461	14.38	ng/ul	0.00
70) Anthracene-d10	17.28	188	875356	23.22	ng/ul	0.00
76) Pyrene-d10	19.57	212	932440	24.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	886405	22.83	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.62	105	30274	2.19	ng/ul	98
28) Naphthalene	10.64	128	184890	5.73	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	61443	2.60	ng/ul	98
44) Dimethylphthalate	13.89	163	347873	11.89	ng/ul	99
49) Acenaphthene	14.50	153	42837	1.73	ng/ul	99
58) Fluorene	15.49	166	88919	3.14	ng/ul	98
69) Phenanthrene	17.22	178	981236	22.18	ng/ul	99
71) Anthracene	17.31	178	192420	4.27	ng/ul	100
72) Carbazole	17.58	167	47786	1.22	ng/ul	96
74) Fluoranthene	19.24	202	908892	18.25	ng/ul	98
77) Pyrene	19.60	202	978449	20.60	ng/ul	98
80) Benzo(a)anthracene	21.34	228	348426	7.17	ng/ul	96
82) Chrysene	21.39	228	453134	9.81	ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	428145	8.73	ng/ul#	91
86) Benzo(k)fluoranthene	22.99	252	121892m	2.63	ng/ul	
88) Benzo(a)pyrene	23.53	252	305462	6.42	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.93	276	190896	3.38	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	184566	3.89	ng/ul	97

U.M. 05/25/16

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