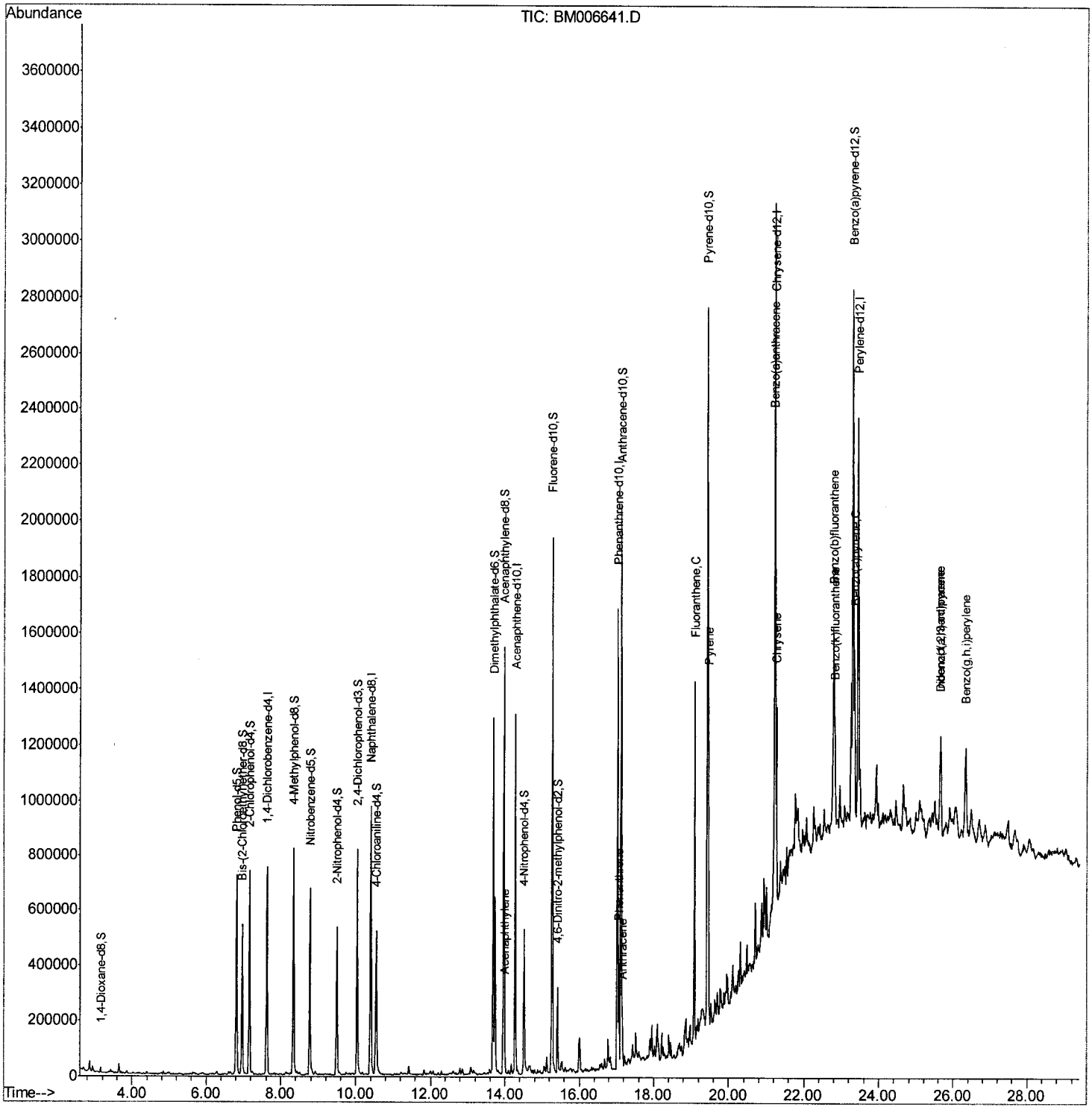
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006641.D
Acq On : 23 Jul 2016 01:32
Operator : UM/SJ
Sample : H4076-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 23 03:25:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YP9

Manual Integratio
APPROVE
sohil
7/25/2016 6:39:26 PM



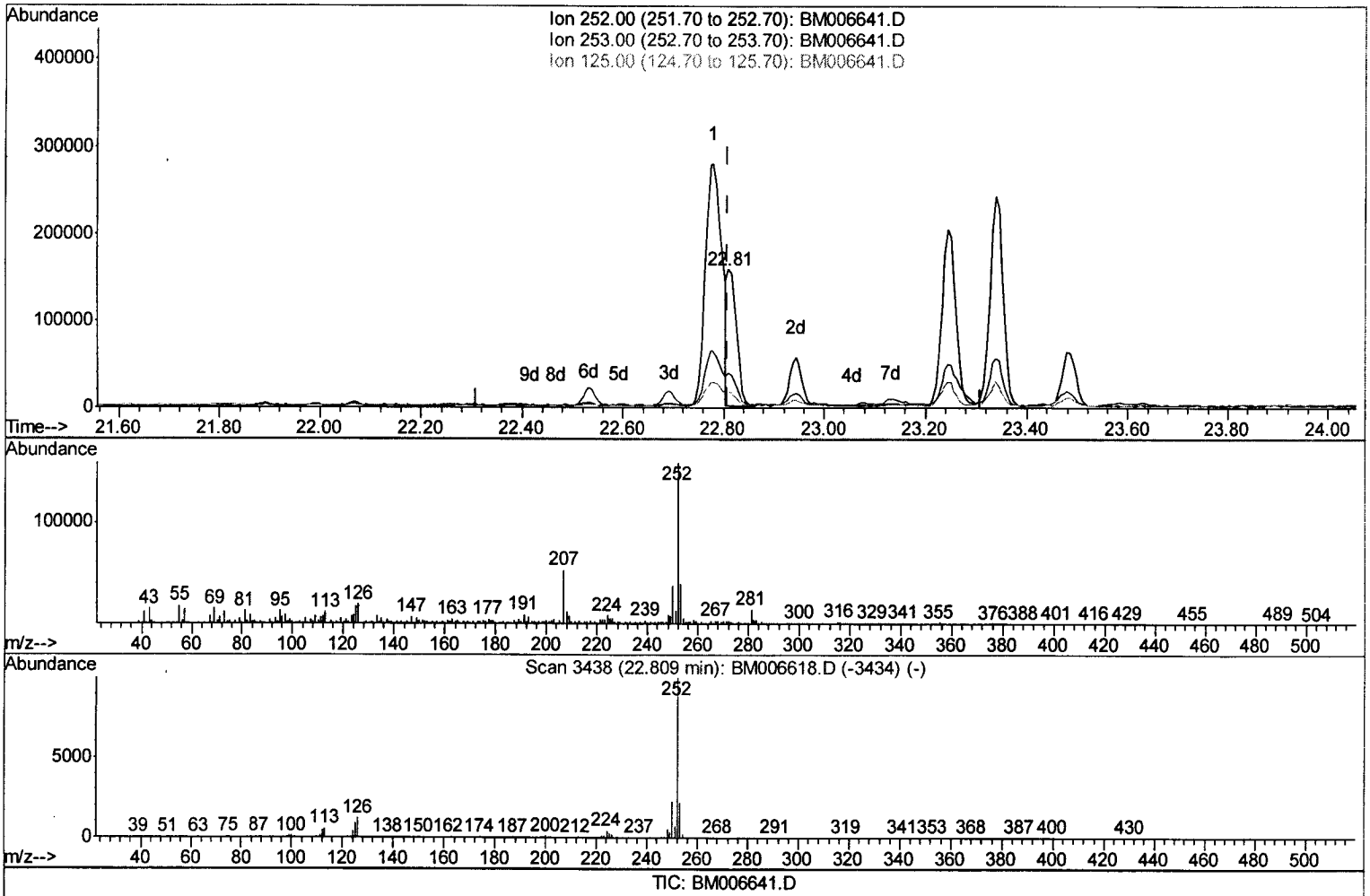
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006641.D
Acq On : 23 Jul 2016 01:32
Operator : UM/SJ
Sample : H4076-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 23 03:13:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YP9

Manual Integratio
APPROVED
sohil
7/25/2016 6:39:26 PM



TIC: BM006641.D

(36) Benzo(k)fluoranthene

22.809min (+0.000) 3.20ng/ul m U.M 07|26|16

response 205854

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.92
125.00	9.60	11.43
0.00	0.00	0.00

Quantitation Report (Qedit)

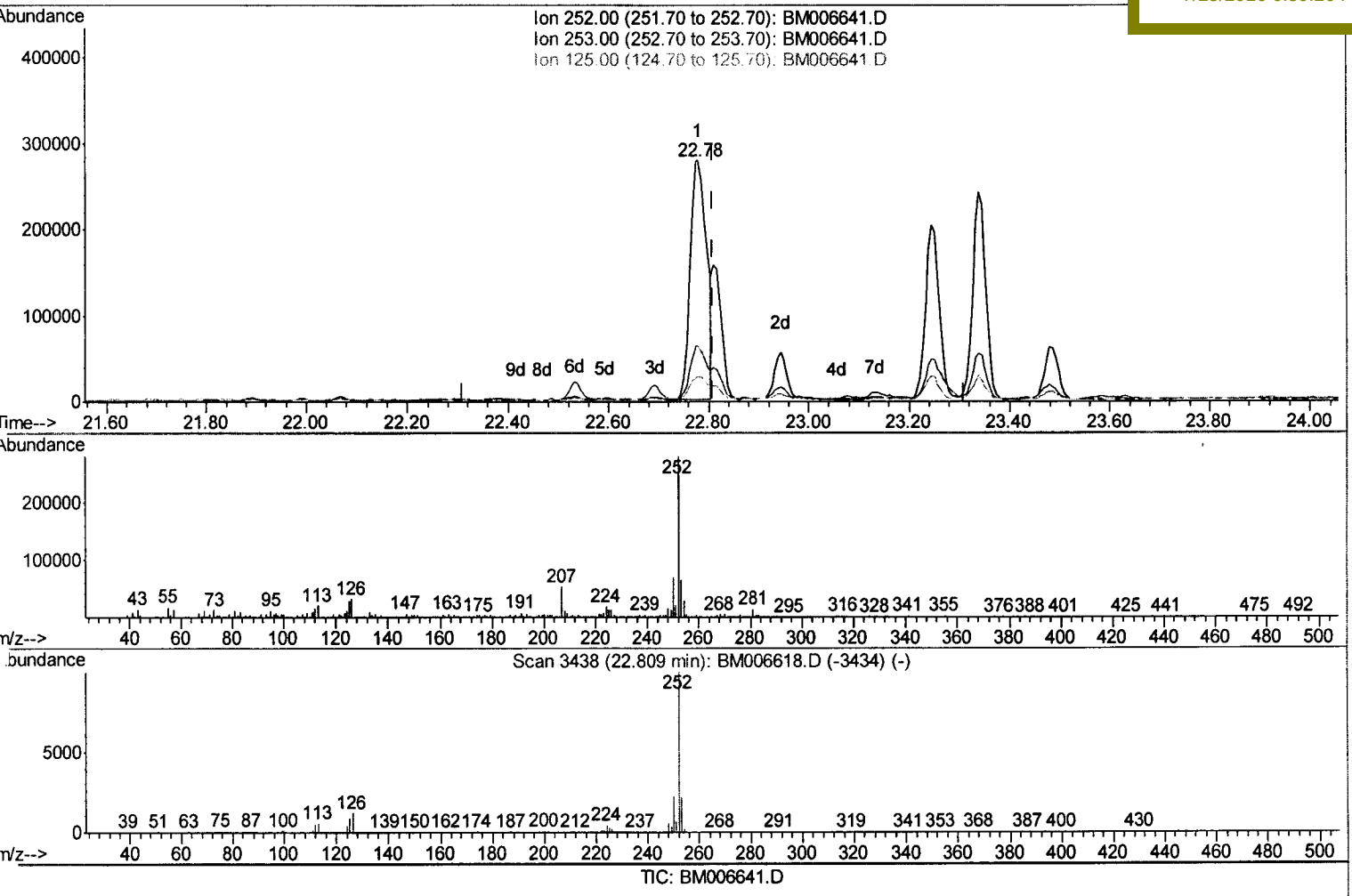
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006641.D
Acq On : 23 Jul 2016 01:32
Operator : UM/SJ
Sample : H4076-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 23 03:13:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YP9

Manual Integrati

APPROVE
sohil
7/25/2016 6:39:26 PM



(36) Benzo(k)fluoranthene

22.780min (-0.029) 9.77ng/ul

response 628557

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.29
125.00	9.60	10.31
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006641.D
Acq On : 23 Jul 2016 01:32
Operator : UM/SJ
Sample : H4076-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 23 03:25:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YP9

Manual Integratio
APPROVED
sohil
7/25/2016 6:39:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	197565	20.00	ng/ul	0.01
7) Naphthalene-d8	10.40	136	815458	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	440269	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	978600	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1059433	20.00	ng/ul	0.00
34) Perylene-d12	23.44	264	1109724	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	10479	2.15	ng/uL	0.00
3) Phenol-d5	6.81	99	408181	24.28	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.96	67	252979	24.30	ng/ul	0.01
5) 2-Chlorophenol-d4	7.16	132	316964	23.60	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	316422	24.27	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	152580	24.72	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	162456	24.75	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	299214	24.12	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	287920	21.08	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	846051	24.51	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1112103	25.24	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	140870	23.50	ng/ul	0.02
21) Fluorene-d10	15.27	176	761171	24.65	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.42	200	58919	11.60	ng/ul	0.01
26) Anthracene-d10	17.12	188	1169737	25.17	ng/ul	0.00
30) Pyrene-d10	19.43	212	1290119	26.72	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1300663	25.48	ng/ul	0.02
Target Compounds						Qvalue
18) Acenaphthylene	13.99	152	49709	1.05	ng/ul	99
25) Phenanthrene	17.07	178	214564	3.90	ng/ul	98
27) Anthracene	17.16	178	73262	1.29	ng/ul	95
28) Fluoranthene	19.09	202	744688	11.52	ng/ul	99
31) Pyrene	19.46	202	664970	10.37	ng/ul	96
32) Benzo(a)anthracene	21.21	228	413959	6.45	ng/ul	97
33) Chrysene	21.26	228	420274	7.10	ng/ul	96
35) Benzo(b)fluoranthene	22.78	252	628557	9.45	ng/ul	98
36) Benzo(k)fluoranthene	22.81	252	205854m	3.20	ng/ul	
38) Benzo(a)pyrene	23.34	252	434527	6.71	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	25.65	276	356458	4.75	ng/ul	98
40) Dibenzo(a,h)anthracene	25.64	278	113739	1.83	ng/ul#	84
41) Benzo(g,h,i)perylene	26.33	276	396162	6.16	ng/ul	97

U.M 07/26/16

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