

Quantitation Report (QT Reviewed)

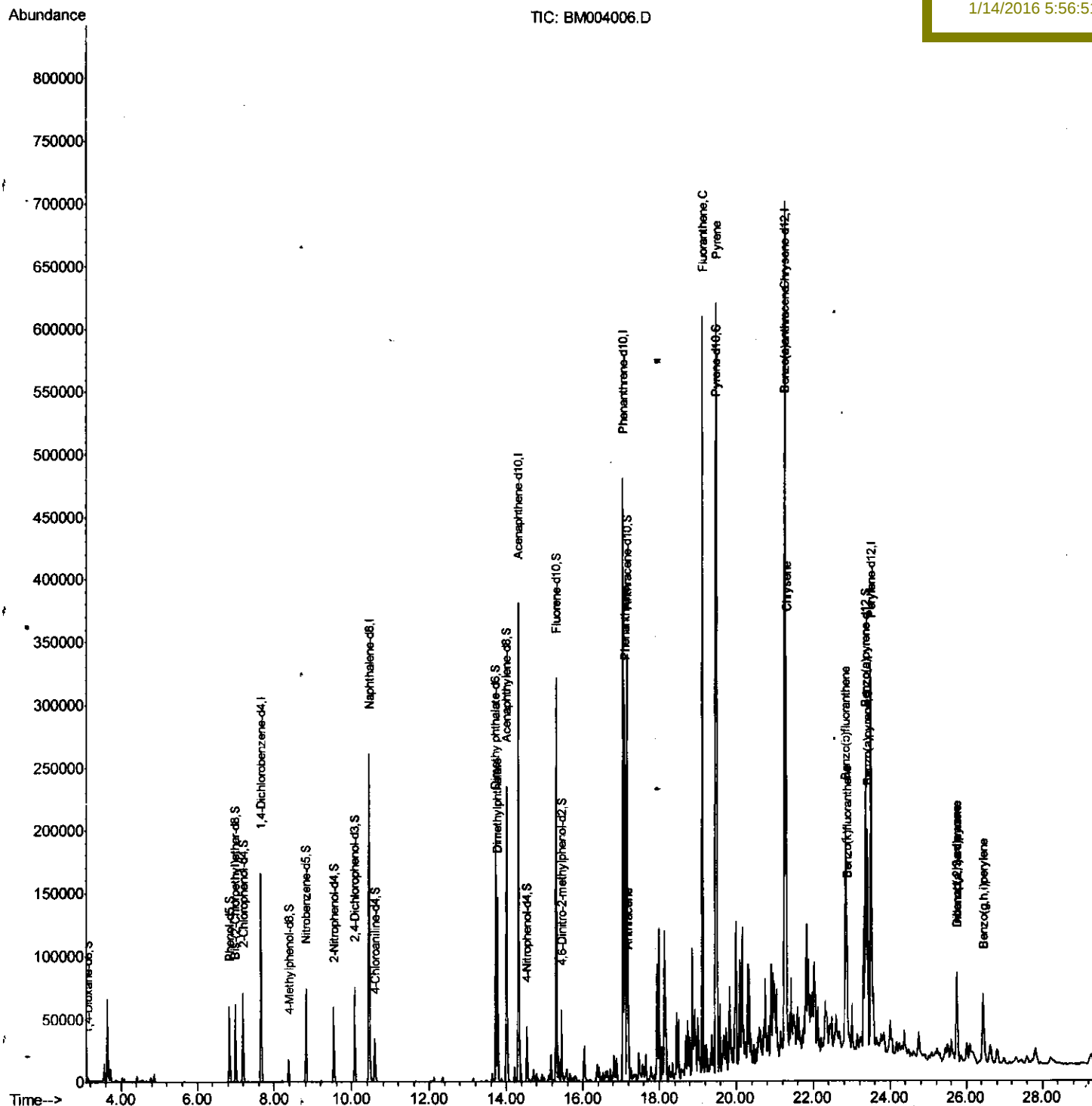
```
Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\  
Data File : BM004006.D  
Acq On    : 14 Jan 2016 04:39  
Operator   : SJ/UM  
Sample     : H1098-10  
Misc      :  
ALS Vial   : 18 Sample Multiplier: 1
```

Quant Time: Jan 14 12:33:18 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC9D6

Manual Integrations

MMdadoda
1/14/2016 5:56:51 PM



Quantitation Report (Qedit)

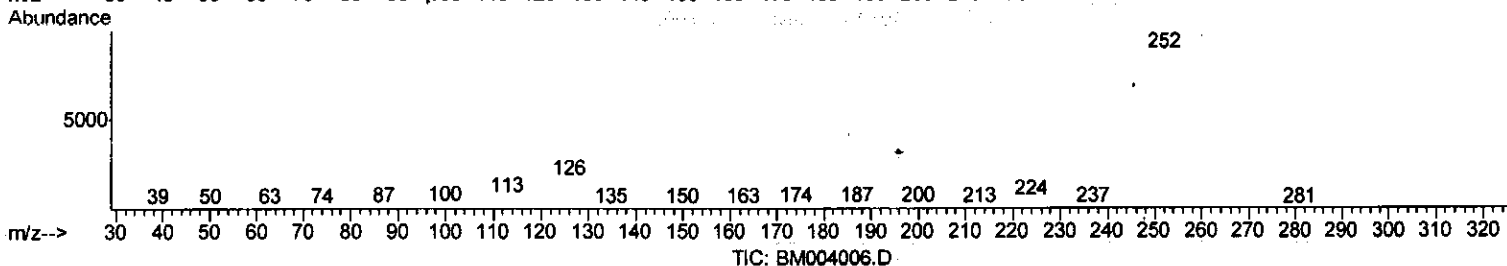
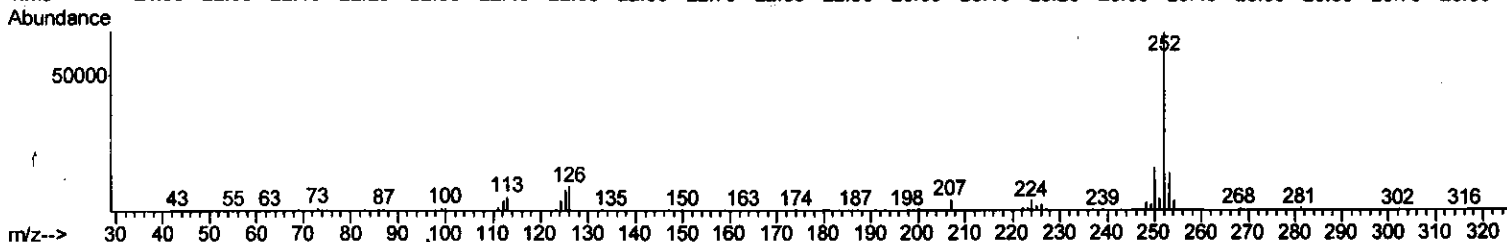
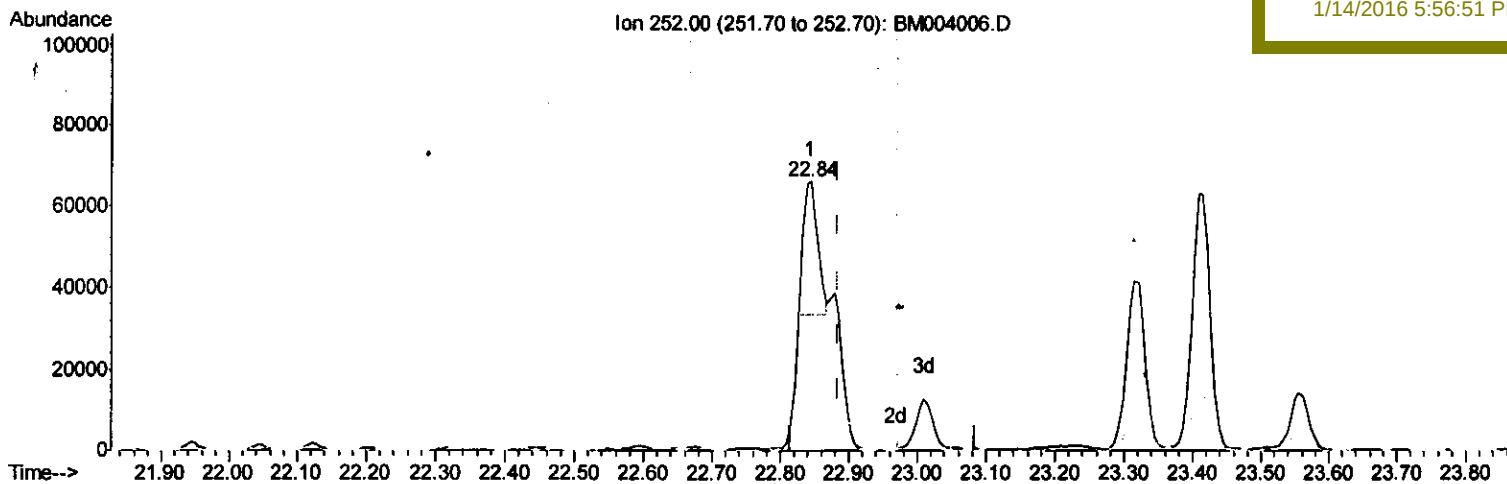
Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\
Data File : BM004006.D
Acq On : 14 Jan 2016 04:39
Operator : SJ/UM
Sample : H1098-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 14 12:29:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC9D6

Manual Integrations
APPROVED

MMdadoda
1/14/2016 5:56:51 PM



(89) Benzo(k)fluoranthene

22.844min (-0.041) 3.80ng/ul

response 46986

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.82
125.00	10.20	11.98
0.00	0.00	0.00

Quantitation Report (Qedit)

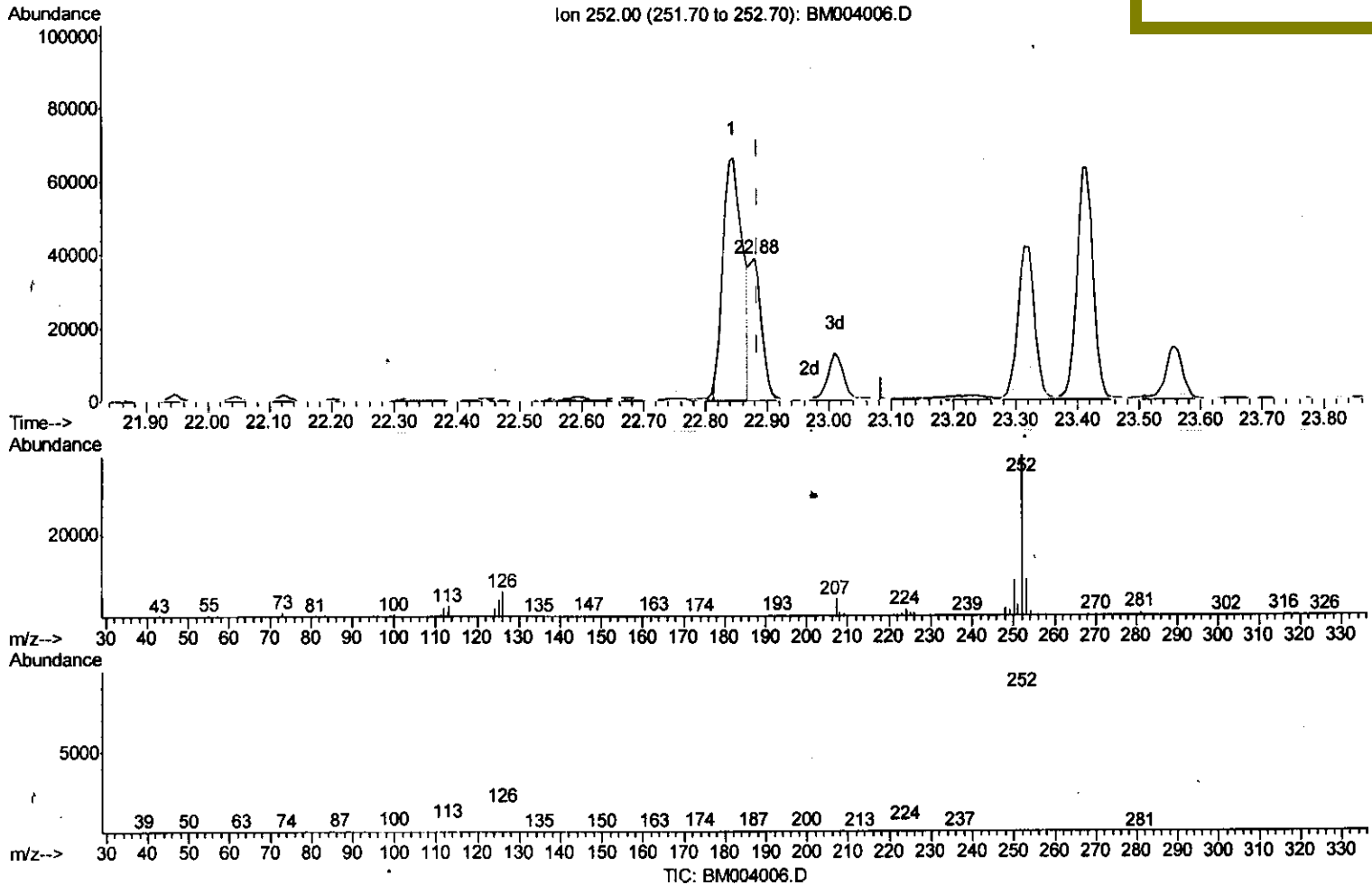
Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\
 Data File : BM004006.D
 Acq On : 14 Jan 2016 04:39
 Operator : SJ/UM
 Sample : H1098-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BC9D6

Quant Time: Jan 14 12:29:34 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 1/14/2016 5:56:51 PM



(89) Benzo(k)fluoranthene

22.880min (-0.006) 4.26ng/ul m

response 52586

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.15
125.00	10.20	11.17
0.00	0.00	0.00

S, J
 1/15/16

Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\
 Data File : BM004006.D
 Acq On : 14 Jan 2016 04:39
 Operator : SJ/UM
 Sample : H1098-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9D6

Quant Time: Jan 14 12:33:18 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 1/14/2016 5:56:51 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	46017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	220410	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	129190	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	283840	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	252917	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	213626	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.13	96	1751	1.70	ng/uL	0.00
5) Phenol-d5	6.84	99	39782	10.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	28177	13.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	35370	11.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	9096	2.94	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	19808	11.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	21349	11.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	31750	9.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	25643	6.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	135451	13.35	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	167361	13.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	14597	8.01	ng/ul	0.00
58) Fluorene-d10	15.32	176	124043	14.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	12342	7.71	ng/ul	0.00
71) Anthracene-d10	17.17	188	187843	14.31	ng/ul	0.00
79) Pyrene-d10	19.47	212	201080	15.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	153461	14.38	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.77	163	94564	9.15	ng/ul	99
70) Phenanthrene	17.11	178	184744	11.57	ng/ul	100
72) Anthracene	17.20	178	43606	2.66	ng/ul	99
77) Fluoranthene	19.14	202	339782	20.49	ng/ul	98
80) Pyrene	19.50	202	357462	20.82	ng/ul	98
83) Benzo(a)anthracene	21.26	228	153012	10.16	ng/ul	98
85) Chrysene	21.31	228	162608	11.36	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	149230	11.49	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	52586m	4.26	ng/ul	97
91) Benzo(a)pyrene	23.41	252	114797	9.32	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.76	276	68191	5.00	ng/ul	85
93) Dibenzo(a,h)anthracene	25.76	278	22185	1.94	ng/ul#	98
94) Benzo(g,h,i)perylene	26.44	276	68861	6.02	ng/ul	98

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

(S. J)
 1/15/16