

(QT Reviewed)

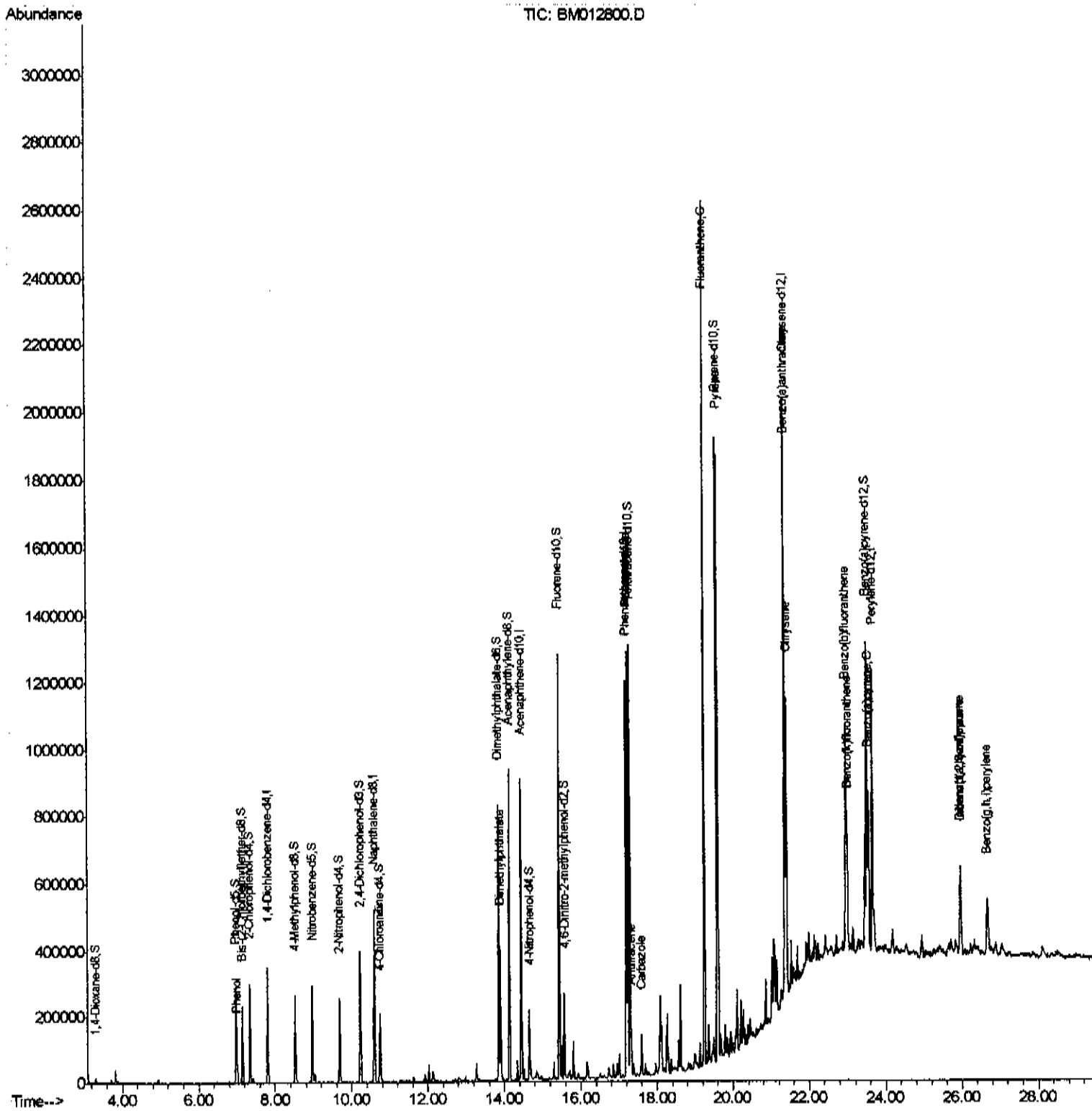
```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012800.D
Acq On    : 07 Nov 2017  17:56
Operator  : SJ/JU
Sample    : I6164-10
Misc      :
ALS Vial  : 15      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
ET0E0

Manual Integrations

Sohil
11/8/2017 5:38:25 PM

Quant Time: Nov 08 02:54:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

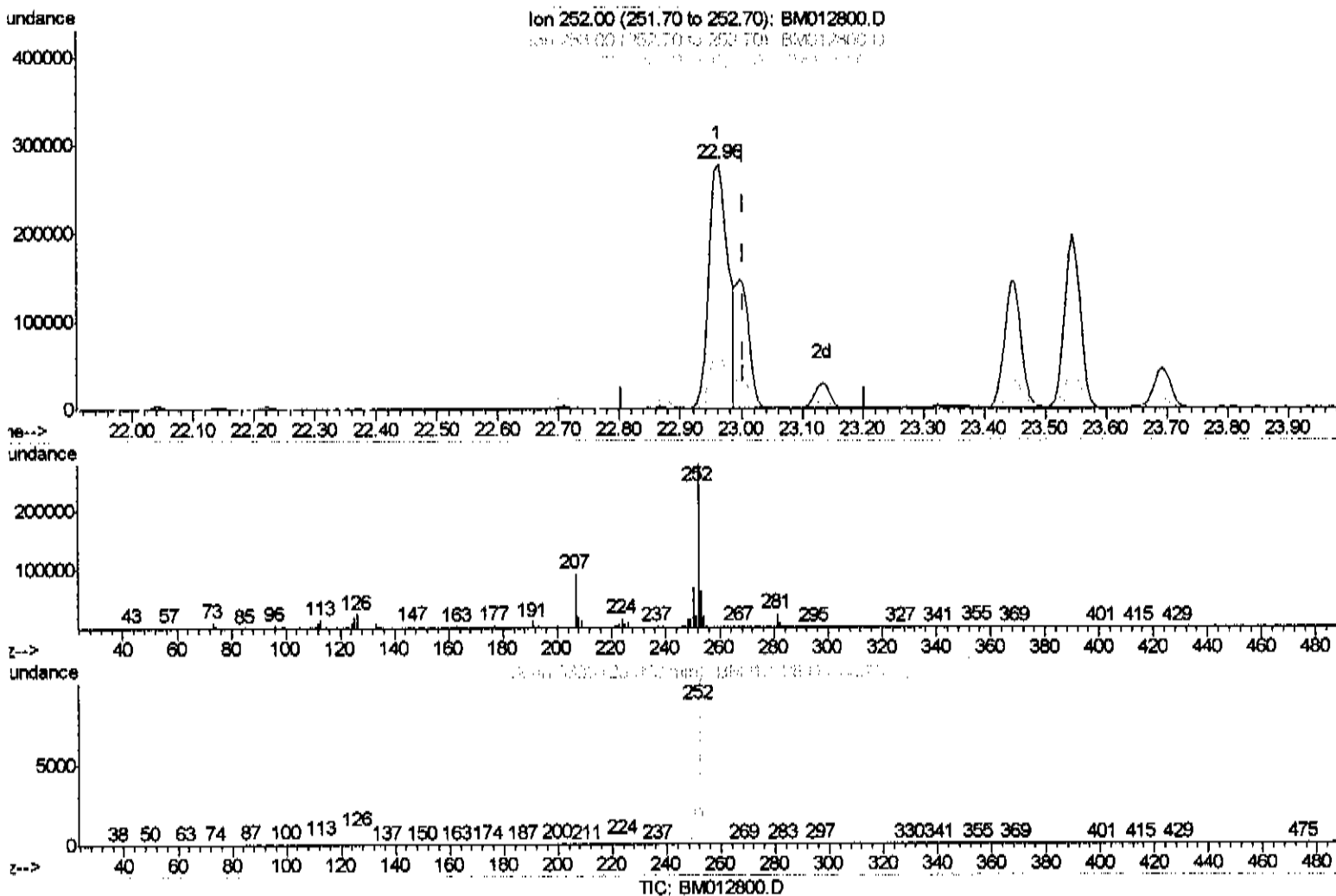
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012800.D
Acq On : 07 Nov 2017 17:56
Operator : SJ/JU
Sample : I6164-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
ET0E0

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:25 PM

Quant Time: Nov 08 01:54:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.962min (-0.041) 16.50ng/ul

response 604420

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.93
125.00	10.20	7.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

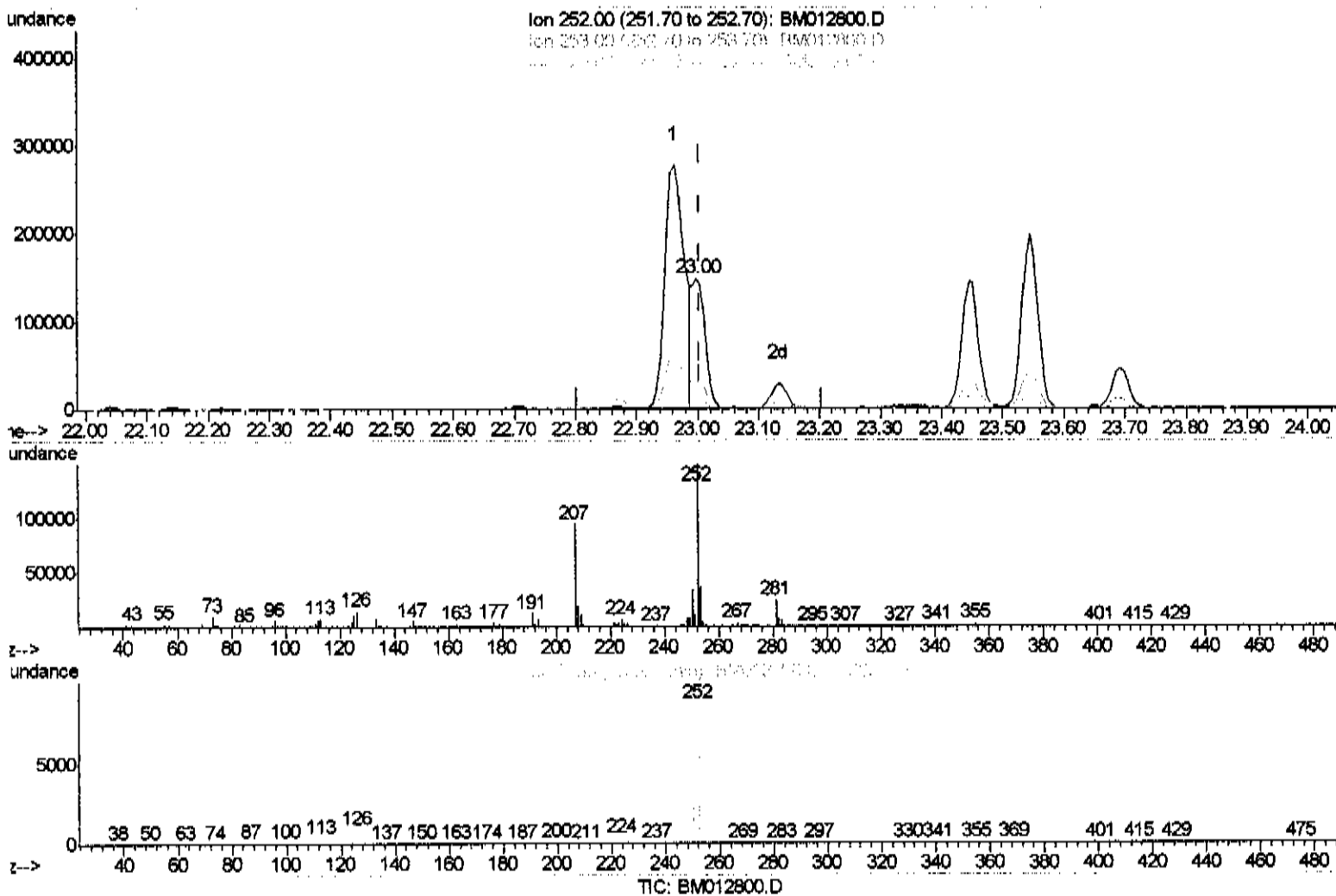
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012800.D
 Acq On : 07 Nov 2017 17:56
 Operator : SJ/JU
 Sample : I6164-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 ET0E0

Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:38:25 PM

Quant Time: Nov 08 01:54:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.997min (-0.006) 6.14ng/ul m

SJ 11/08/17

response 225029

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.86
125.00	10.20	7.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

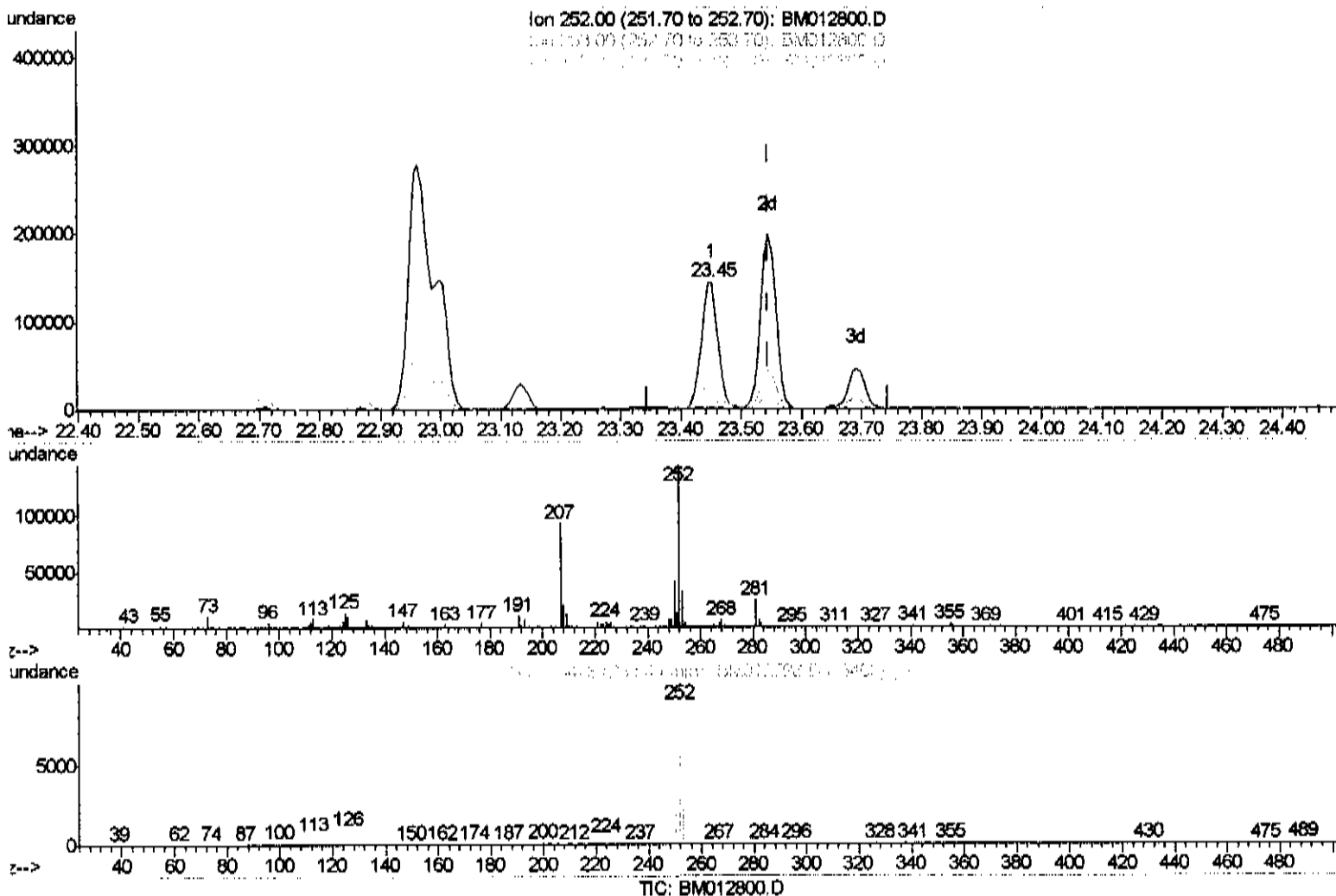
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012800.D
 Acq On : 07 Nov 2017 17:56
 Operator : SJ/JU
 Sample : I6164-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 ET0E0

Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:38:25 PM

Quant Time: Nov 08 01:54:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.450min (-0.094) 7.46ng/ul

response 273654

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.68
125.00	11.30	9.71
0.00	0.00	0.00

Quantitation Report (Qedit)

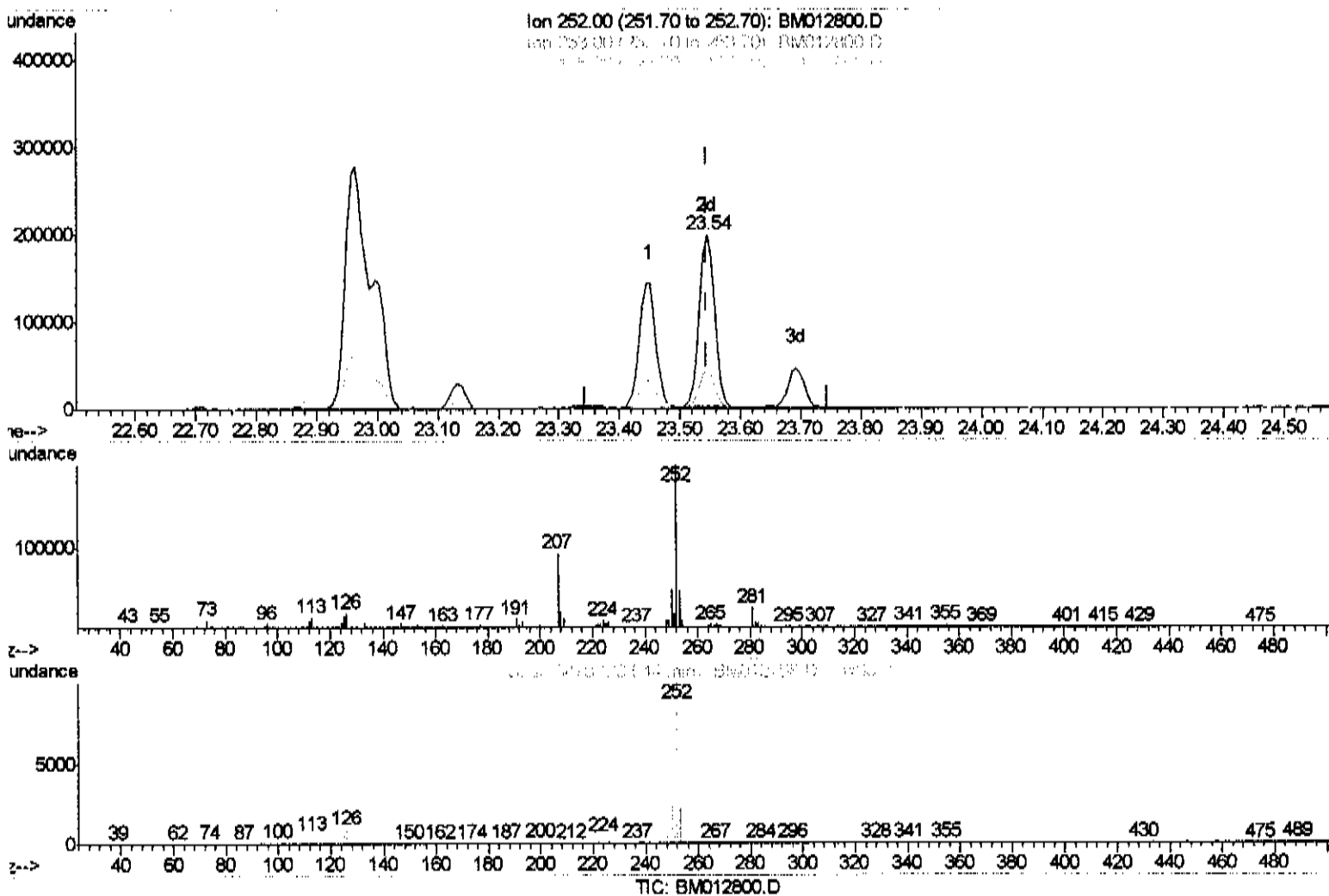
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012800.D
Acq On : 07 Nov 2017 17:56
Operator : SJ/JU
Sample : I6164-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
ET0E0

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:25 PM

Quant Time: Nov 08 01:54:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.544min (-0.000) 9.54ng/ul m

response 350031

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.83
125.00	11.30	7.33#
0.00	0.00	0.00

SJ 11/08/17

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
ClientSampled :
ET0E0

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:25 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012800.D
Acq On : 07 Nov 2017 17:56
Operator : SJ/JU
Sample : I6164-10
Disc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 08 02:54:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
Last Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	100419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	441554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	292149	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	703068	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	715799	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	630669	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7810	4.20	ng/uL	0.00
5) Phenol-d5	6.97	99	171824	23.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	98092	24.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	146998	23.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	104782	16.25	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	75141	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	89386	23.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	163661	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	121304	16.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	572125	23.67	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	675761	22.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	65720	16.97	ng/ul	0.00
57) Fluorene-d10	15.43	176	496449	23.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	69966	15.07	ng/ul	0.00
70) Anthracene-d10	17.28	188	753391	22.18	ng/ul	0.00
78) Pyrene-d10	19.57	212	834191	25.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	683400	22.92	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.00	94	27088	3.53	ng/ul 95
44) Dimethylphthalate	13.89	163	251954	10.50	ng/ul 98
69) Phenanthrene	17.23	178	767027	19.96	ng/ul 99
71) Anthracene	17.32	178	90339	2.27	ng/ul 99
74) Carbazole	17.59	167	80228	2.41	ng/ul 99
76) Fluoranthene	19.24	202	1549419	33.55	ng/ul# 92
79) Pyrene	19.61	202	1144484	26.80	ng/ul# 91
82) Benzo(a)anthracene	21.35	228	417267	9.63	ng/ul 99
84) Chrysene	21.40	228	530166	13.51	ng/ul 98
87) Benzo(b)fluoranthene	22.96	252	604420	15.68	ng/ul# 95
88) Benzo(k)fluoranthene	23.00	252	225029m	6.14	ng/ul
90) Benzo(a)pyrene	23.54	252	350031m	9.54	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.95	276	271329	6.14	ng/ul# 86
92) Dibenzo(a,h)anthracene	25.95	278	62328	1.67	ng/ul# 74
93) Benzo(a,h,i)perylene	26.66	276	235398	6.46	ng/ul# 89

} SJ 11/08/17

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