

(QT Reviewed)

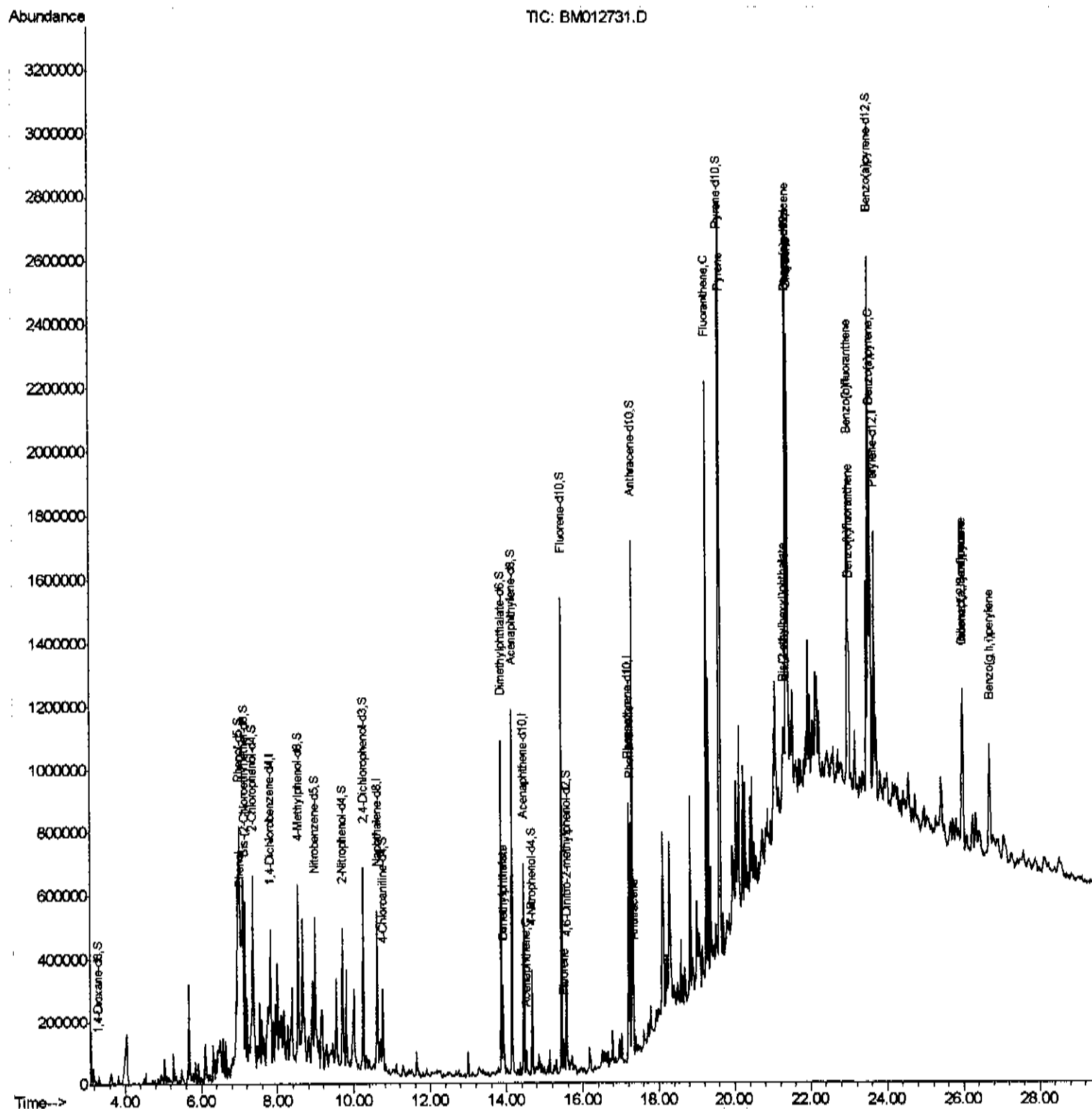
```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012731.D
Acq On    : 05 Nov 2017 05:28
Operator  : SJ/JU
Sample    : I5933-02
Misc      :
ALS Vial  : 23    Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
B-9(5-6)_101617

Manual Integrations

Sohil
11/6/2017 4:24:11 PM

Quant Time: Nov 06 04:41:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

Instrument :
BNA_M
ClientSampled :
B-9(5-6)_101617

Manual Integrations
APPROVED

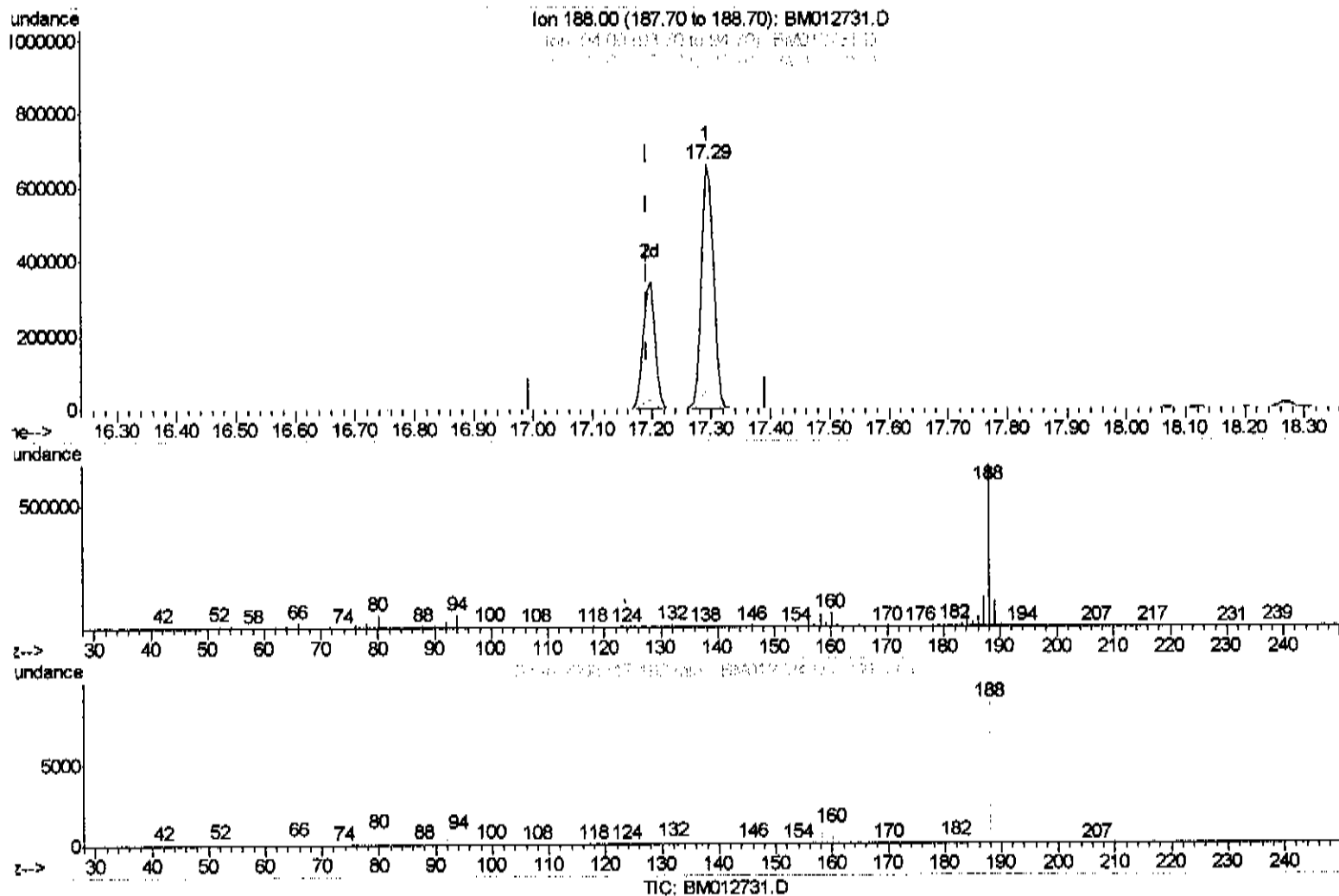
Sohil
11/6/2017 4:24:11 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012731.D
Acq On : 05 Nov 2017 05:28
Operator : SJ/JU
Sample : I5933-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 06 03:28:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration

Ion 188.00 (187.70 to 188.70): BM012731.D

Ion 188.00 (187.70 to 188.70): BM012731.D
17.292min (+0.100) 20.00ng/ul



(61) Phenanthrene-d10 (I)

17.292min (+0.100) 20.00ng/ul

response 928313

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.18
80.00	9.70	7.84
0.00	0.00	0.00

Quantitation Report (Qedit)

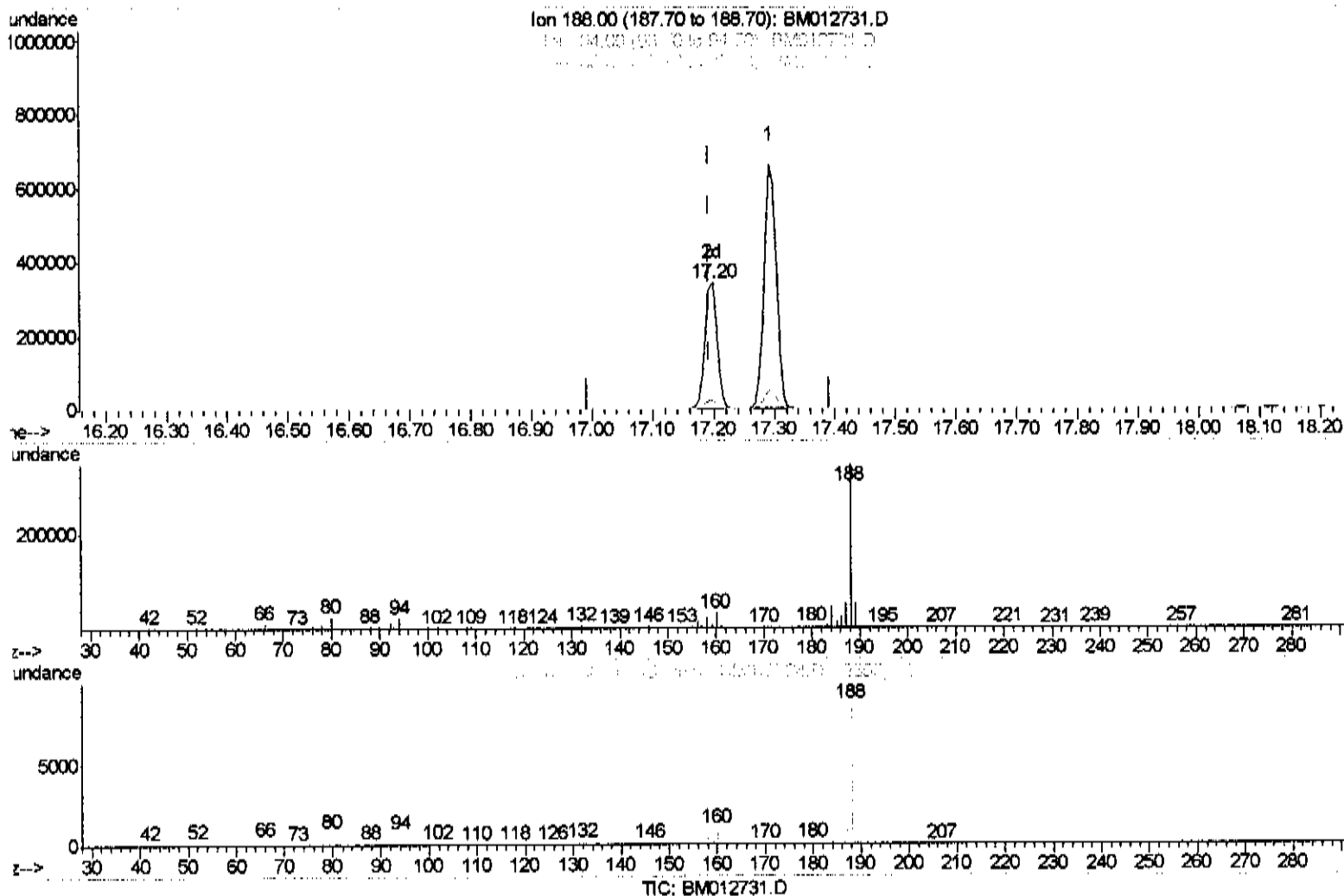
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012731.D
 Acq On : 05 Nov 2017 05:28
 Operator : SJ/JU
 Sample : I5933-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-9(5-6) 101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:11 PM

Quant Time: Nov 06 03:28:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.198min (+0.006) 20.00ng/ul m

response 474154

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.32#
80.00	9.70	7.26#
0.00	0.00	0.00

SJ 11/08/17

Quantitation Report (Qedit)

Instrument :

BNA_M

ClientSampleId :

B-9(5-6)_101617

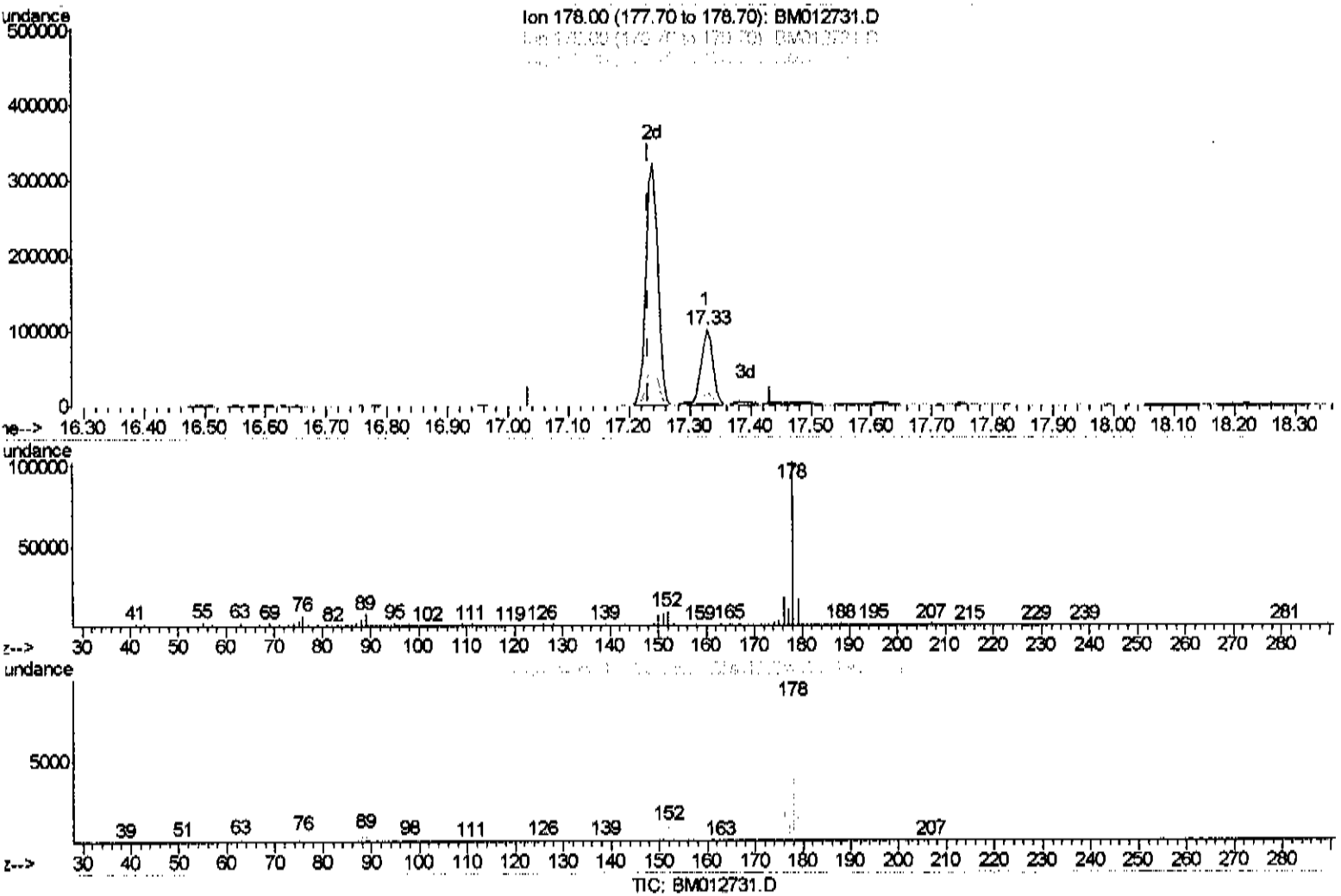
Manual Integrations
APPROVED

Sohil

11/6/2017 4:24:11 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012731.D
Acq On : 05 Nov 2017 05:28
Operator : SJ/JU
Sample : I5933-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 06 04:39:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



(69) Phenanthrene

17.327min (+0.094) 5.30ng/ul

response 137335

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.68
176.00	19.50	17.71
0.00	0.00	0.00

Quantitation Report (Qedit)

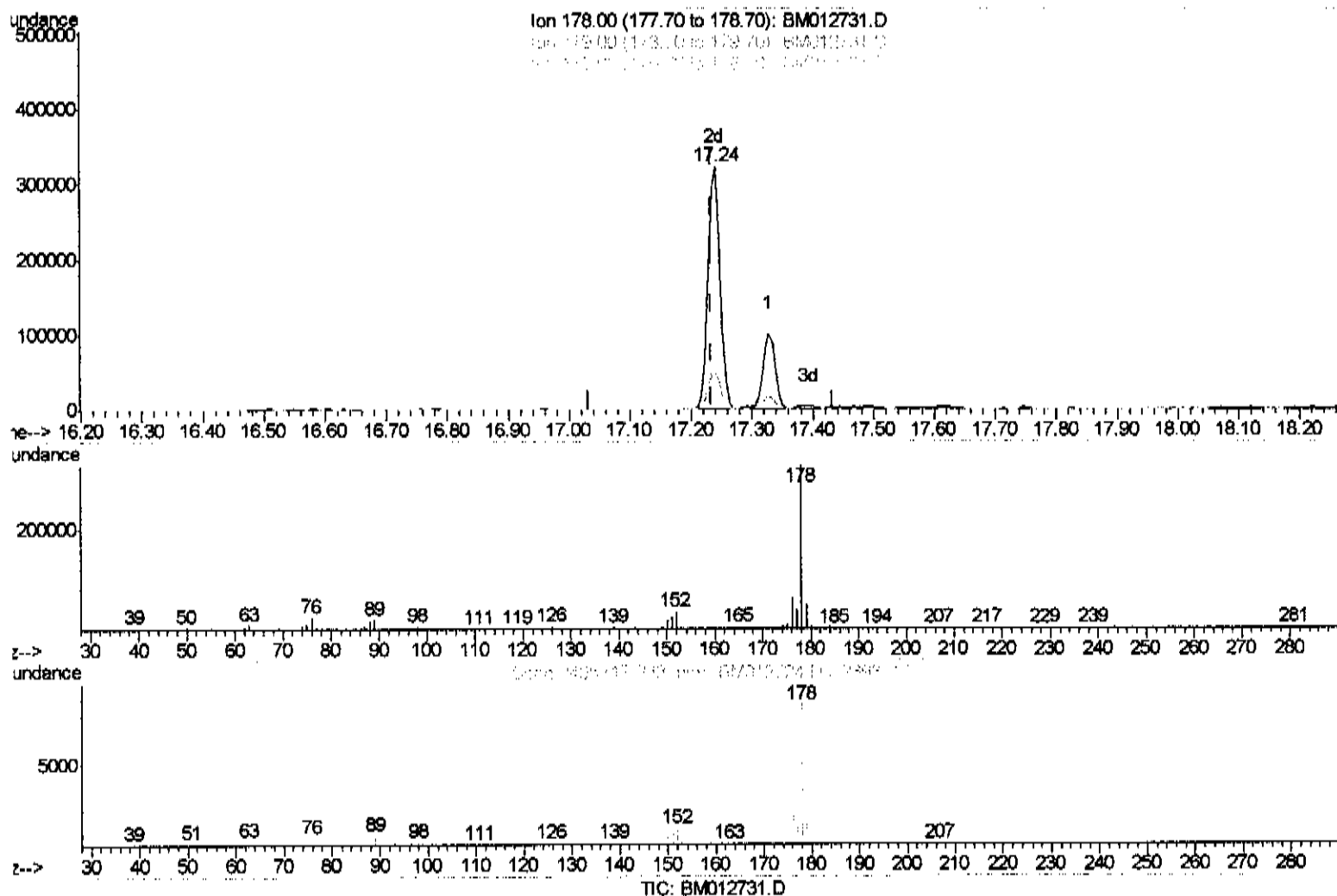
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012731.D
 Acq On : 05 Nov 2017 05:28
 Operator : SJ/JU
 Sample : I5933-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-9(5-6)_101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:11 PM

Quant Time: Nov 06 04:39:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration



(69) Phenanthrene

17.239min (+0.006) 17.25ng/ul m

response 447039

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.45
176.00	19.50	19.55
0.00	0.00	0.00

SJ 11/06/17

Quantitation Report (Qedit)

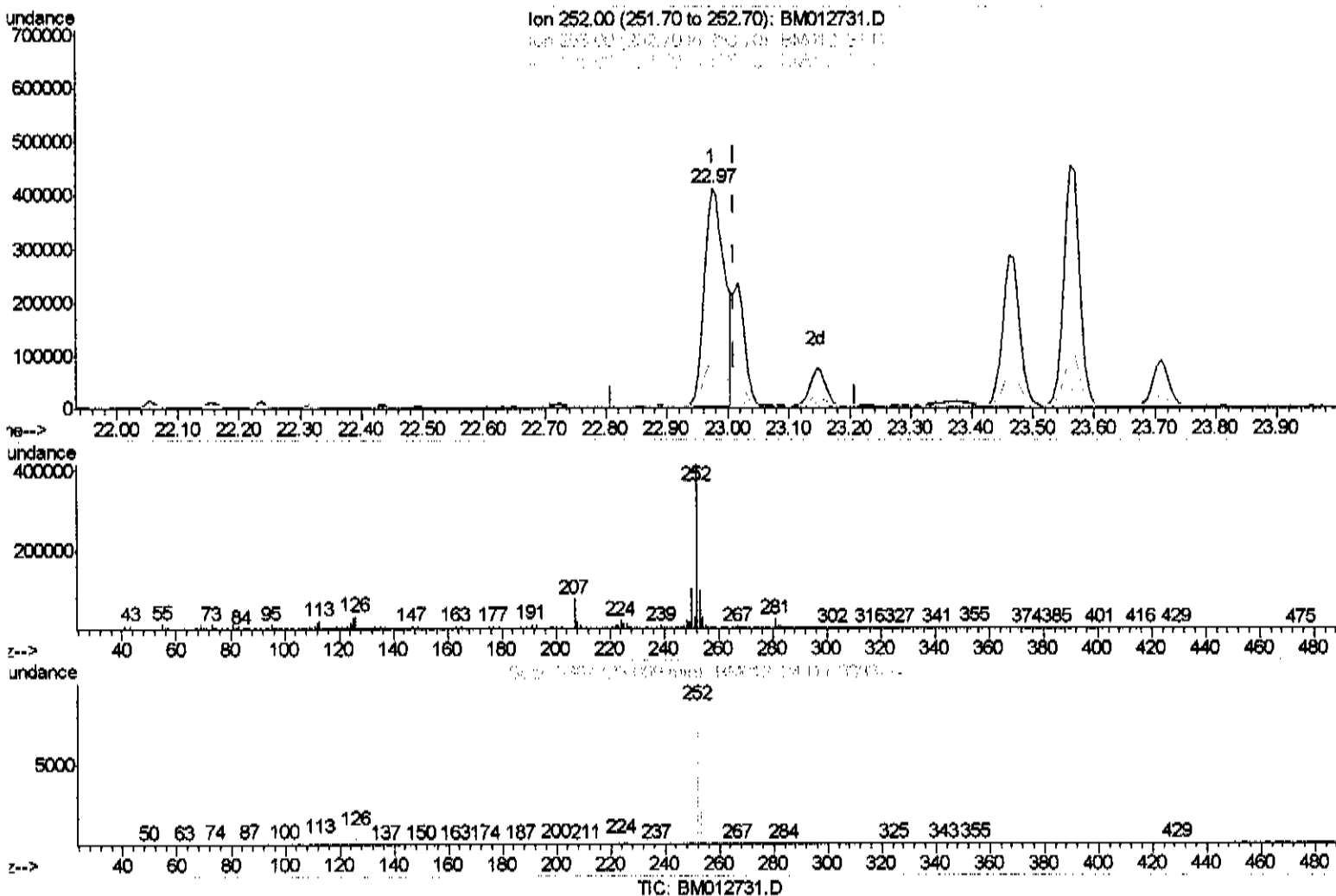
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012731.D
 Acq On : 05 Nov 2017 05:28
 Operator : SJ/JU
 Sample : I5933-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 B-9(5-6)_101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:11 PM

Quant Time: Nov 06 04:39:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.974min (-0.035) 25.44ng/ul

response 947089

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.52
125.00	10.20	7.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :

BNA_M

ClientSampled :

B-9(5-6)_101617

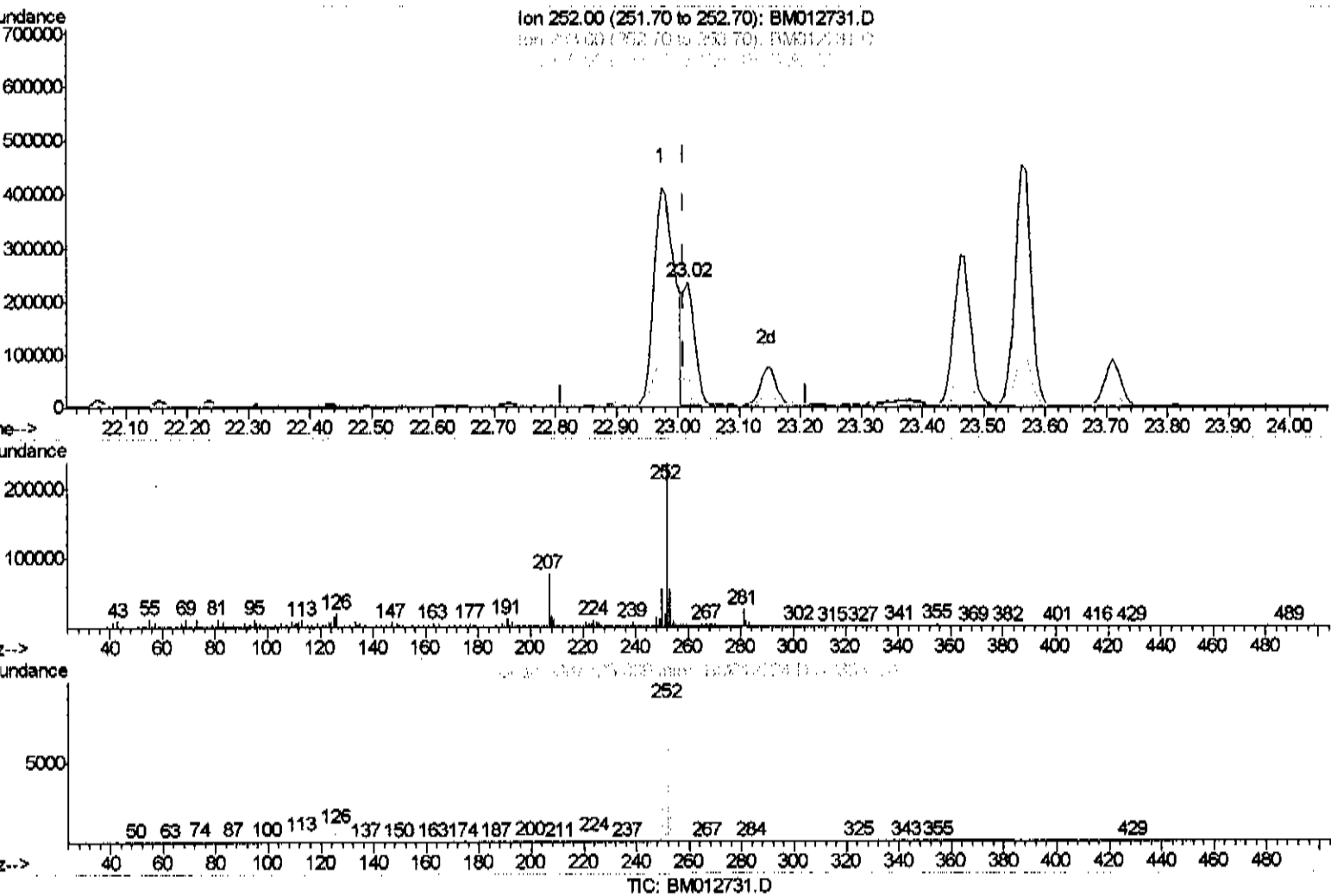
Manual Integrations
APPROVED

Sohil

11/6/2017 4:24:11 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012731.D
Acq On : 05 Nov 2017 05:28
Operator : SJ/JU
Sample : I5933-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 06 04:39:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

23.015min (+0.006) 8.32ng/ul m

57 11/06/17

response 309820

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.18
125.00	10.20	7.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

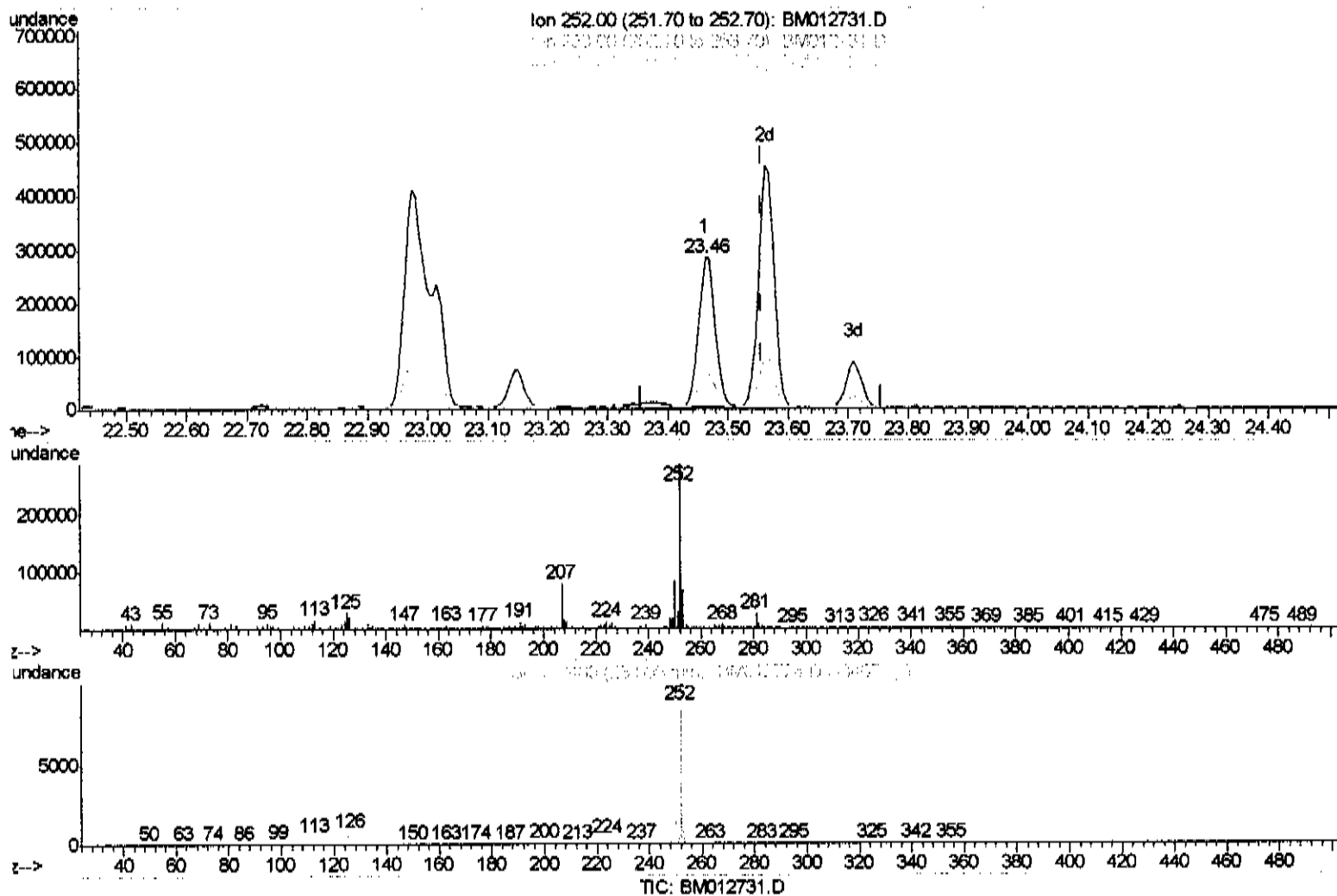
Instrument :
BNA_M
ClientSampled :
B-9(5-6)_101617

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:11 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012731.D
Acq On : 05 Nov 2017 05:28
Operator : SJ/JU
Sample : I5933-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 06 04:39:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.462min (-0.094) 14.54ng/ul

response 541759

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.81
125.00	11.30	10.21
0.00	0.00	0.00

Quantitation Report (Qedit)

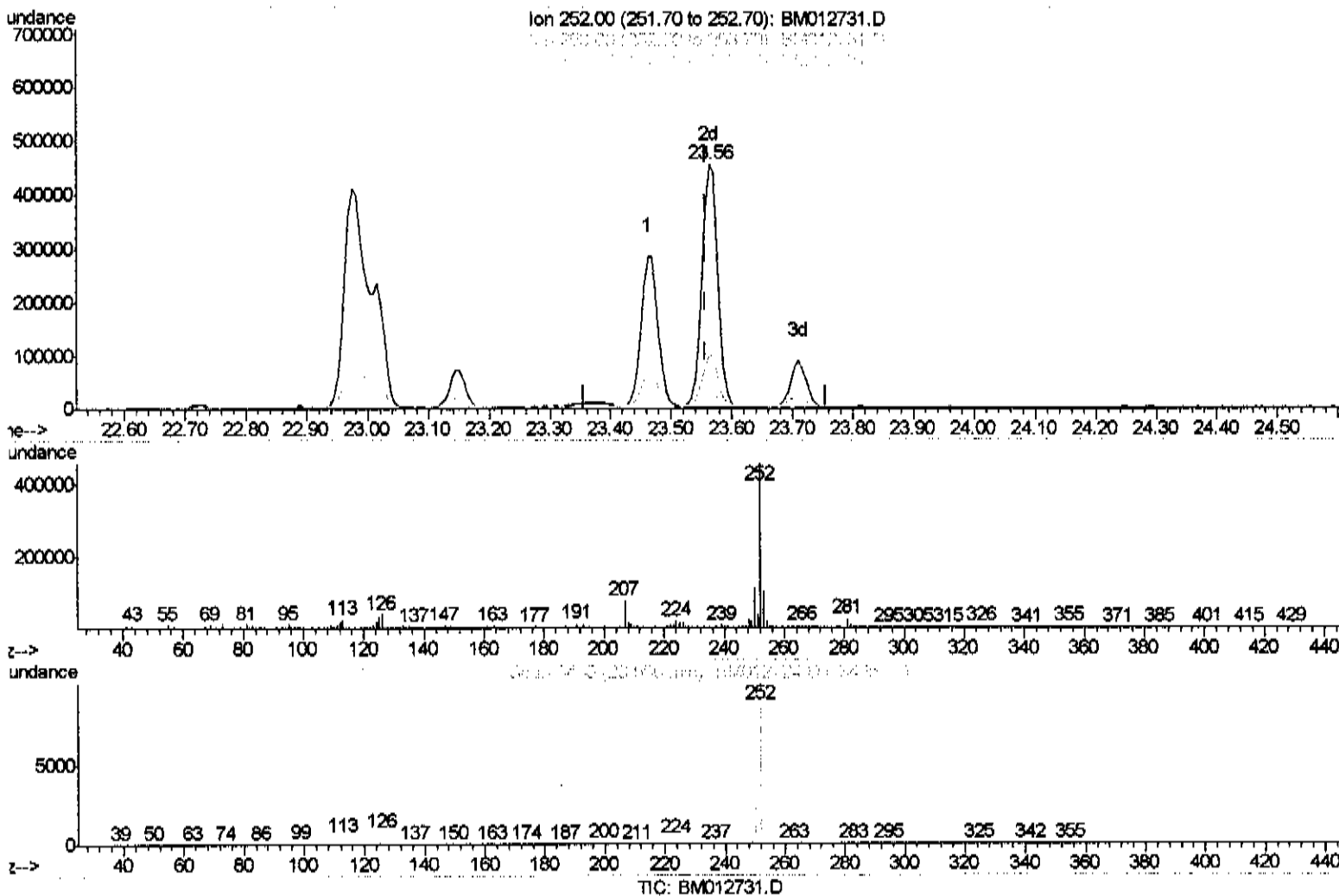
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012731.D
 Acq On : 05 Nov 2017 05:28
 Operator : SJ/JU
 Sample : I5933-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-9(5-6) 101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:11 PM

Quant Time: Nov 06 04:39:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.562min (+0.006) 22.05ng/ul m

response 821657

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.75
125.00	11.30	7.77#
0.00	0.00	0.00

SJ 11/06/17

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012731.D
 Acq On : 05 Nov 2017 05:28
 Operator : SJ/JU
 Sample : I5933-02
 Disc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 B-9(5-6)_101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:11 PM

Quant Time: Nov 06 04:41:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 Last Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	104204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	386532	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	216686	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	474154m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	563050	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	640859	20.00	ng/ul	0.01

- SJ 11/06/17

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	12468	6.46	ng/uL	0.00
5) Phenol-d5	6.99	99	269634	34.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	158808	37.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	232856	36.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	203463	30.40	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	110589	38.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	131402	40.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	236713	35.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	148353	22.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	704016	39.26	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	856978	38.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	85356	29.71	ng/ul	0.01
57) Fluorene-d10	15.45	176	597087	38.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	74523	23.81	ng/ul	0.00
70) Anthracene-d10	17.29	188	927730	40.50	ng/ul	0.00
78) Pyrene-d10	19.59	212	1020693	39.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1263385	41.69	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.02	94	27236	3.42	ng/ul 91
44) Dimethylphthalate	13.91	163	176416	9.91	ng/ul 99
49) Acenaphthene	14.52	153	30497	2.08	ng/ul 98
58) Fluorene	15.50	166	33345	1.88	ng/ul 93
69) Phenanthrene	17.24	178	447039m	17.25	ng/ul - SJ 11/06/17
71) Anthracene	17.33	178	137335	5.11	ng/ul 97
76) Fluoranthene	19.26	202	1082923	34.77	ng/ul# 92
79) Pyrene	19.62	202	1509164	44.92	ng/ul# 90
82) Benzo(a)anthracene	21.36	228	805903	23.65	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.29	149	48129	2.70	ng/ul# 91
84) Chrysene	21.41	228	801687	25.96	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	947089	24.18	ng/ul# 95
88) Benzo(k)fluoranthene	23.02	252	309820m	8.32	ng/ul 3 SJ 11/06/17
90) Benzo(a)pyrene	23.56	252	821657m	22.05	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.97	276	510057	11.36	ng/ul# 85
92) Dibenzo(a,h)anthracene	25.97	278	154514	4.06	ng/ul 93
93) Benzo(a,h,i)perylene	26.69	276	492828	13.32	ng/ul# 89

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