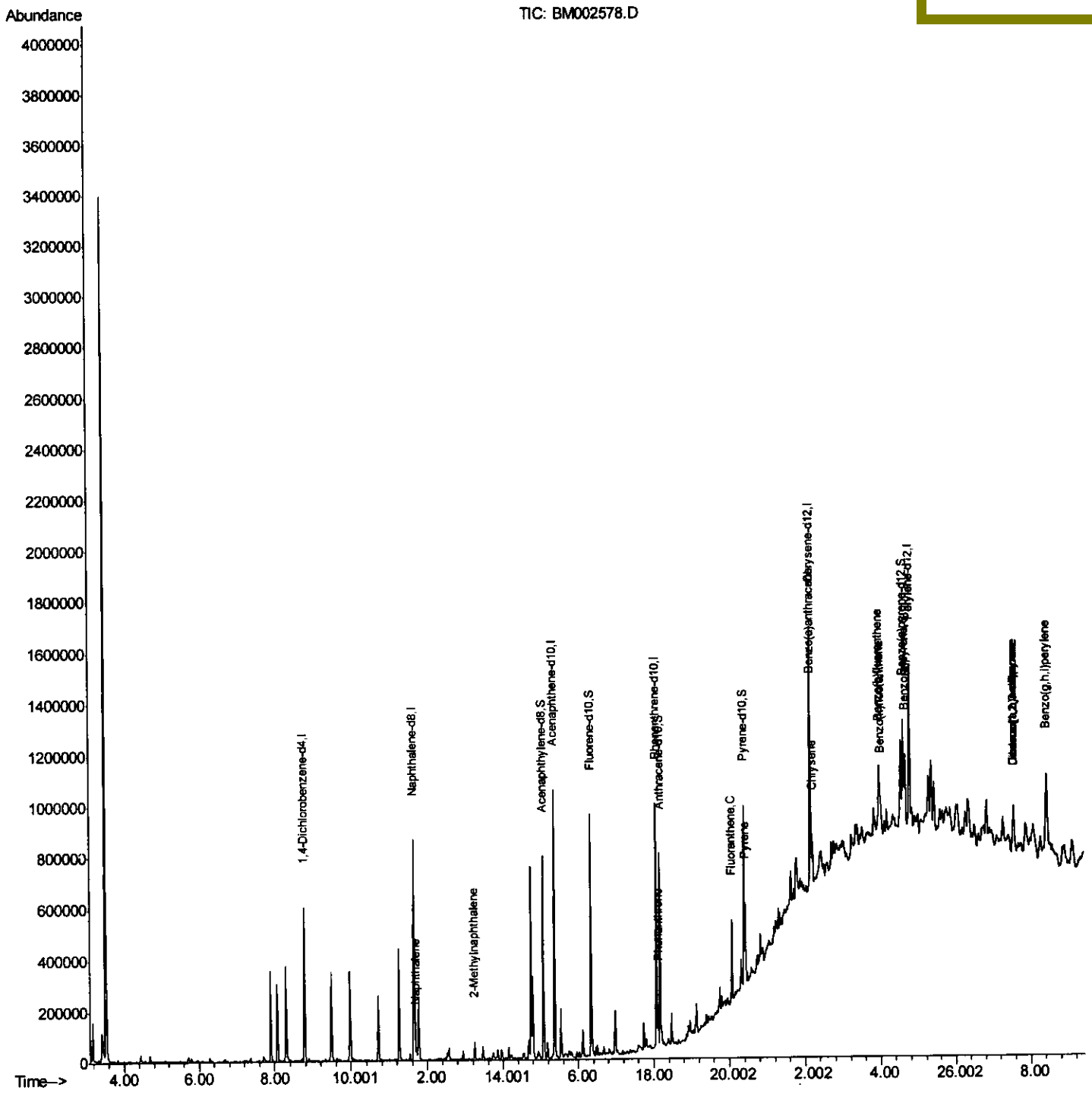
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002578.D
Acq On : 29 Aug 2015 23:21
Operator : UM/IZ
Sample : G3455-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 31 01:40:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E81

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:47 PM



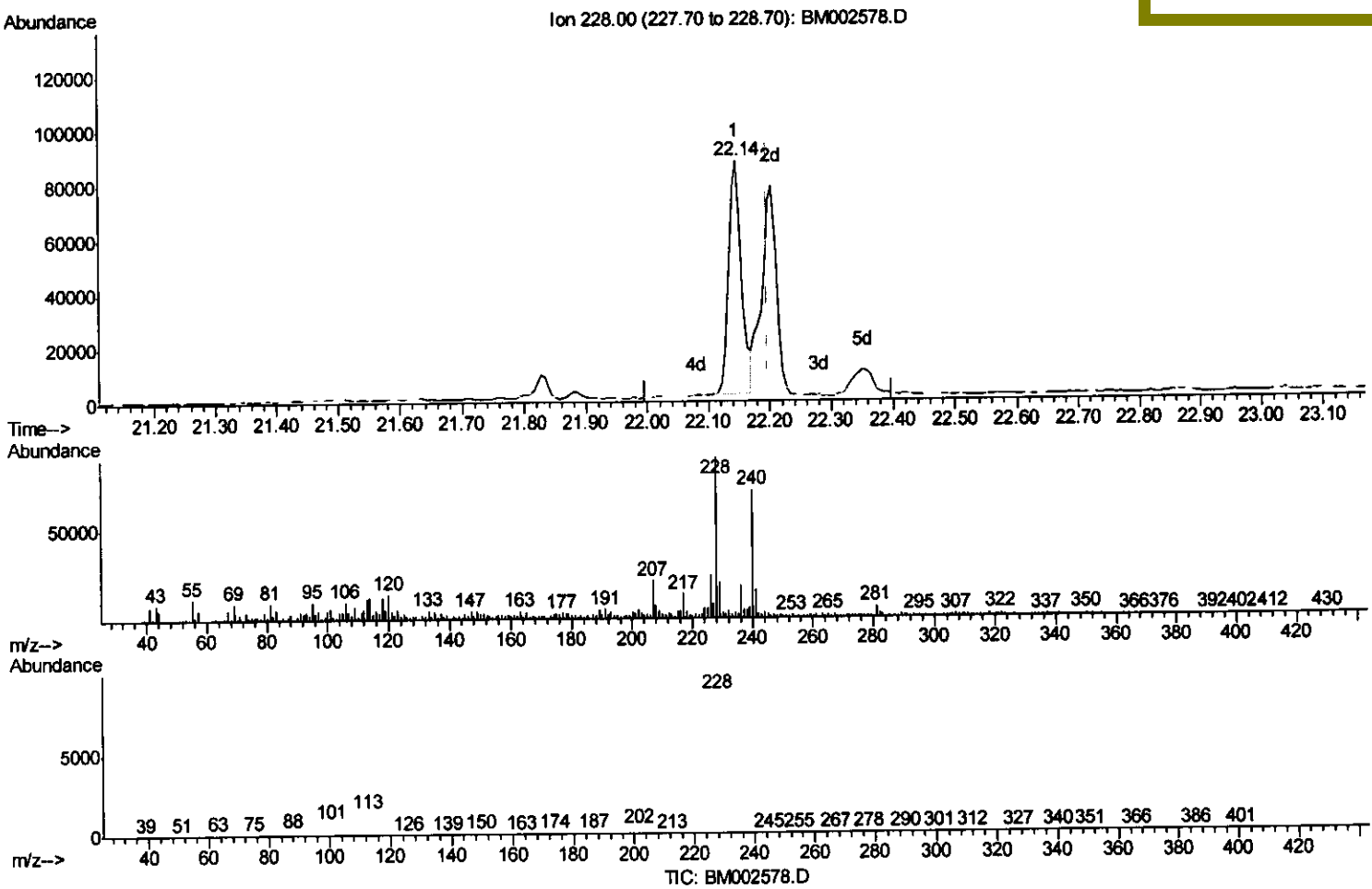
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002578.D
Acq On : 29 Aug 2015 23:21
Operator : UM/IZ
Sample : G3455-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 31 01:35:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E81

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:47 PM



(21) Chrysene

22.145min (-0.053) 4.52ng/ul

response 126125

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	27.27
229.00	19.60	22.77
0.00	0.00	0.00

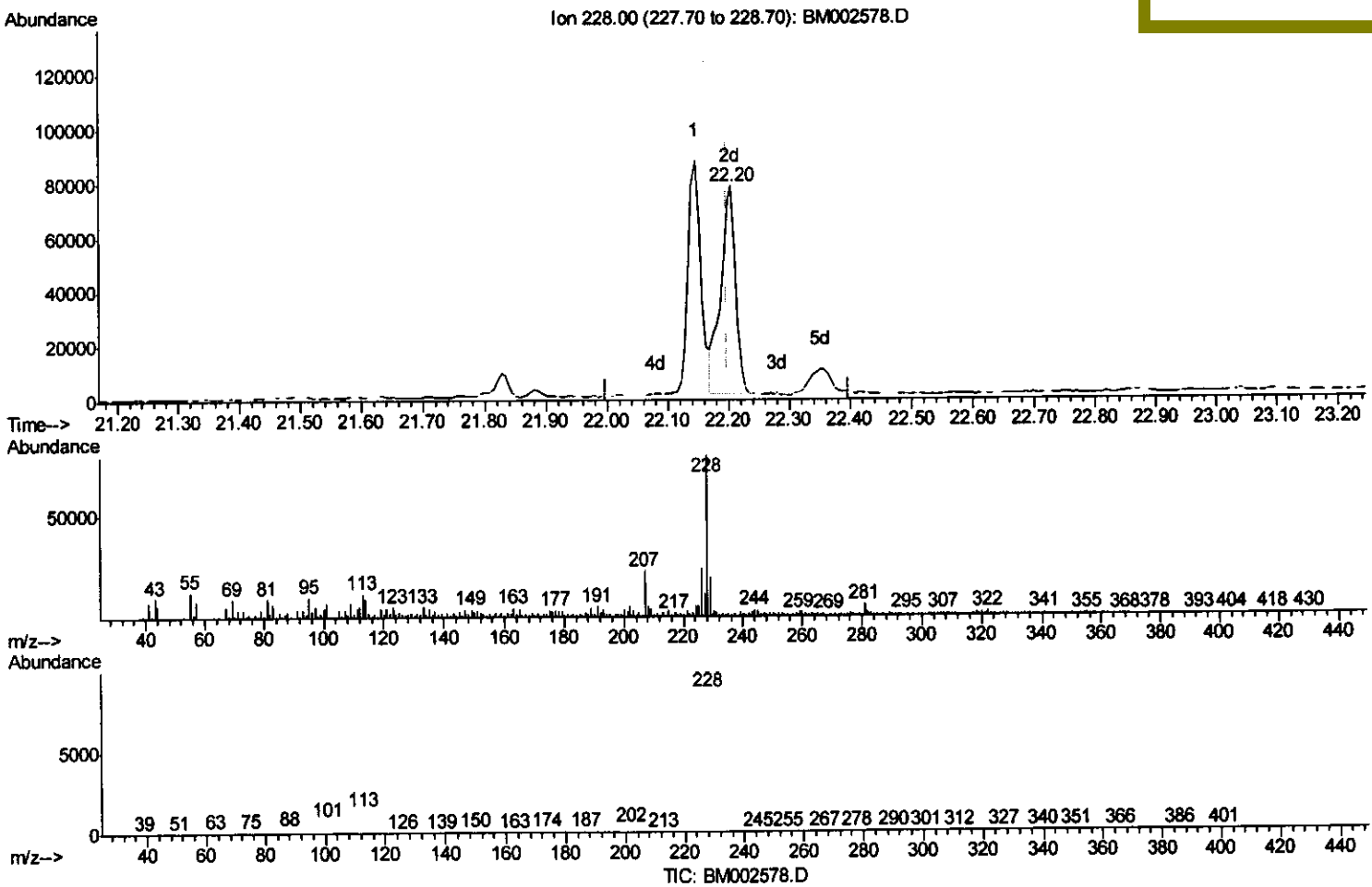
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002578.D
Acq On : 29 Aug 2015 23:21
Operator : UM/IZ
Sample : G3455-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 31 01:35:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E81

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:47 PM



(21) Chrysene

22.204min (+0.006) 4.57ng/ul m U.M 9/1/15

response 127371

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.44
229.00	19.60	24.79#
0.00	0.00	0.00

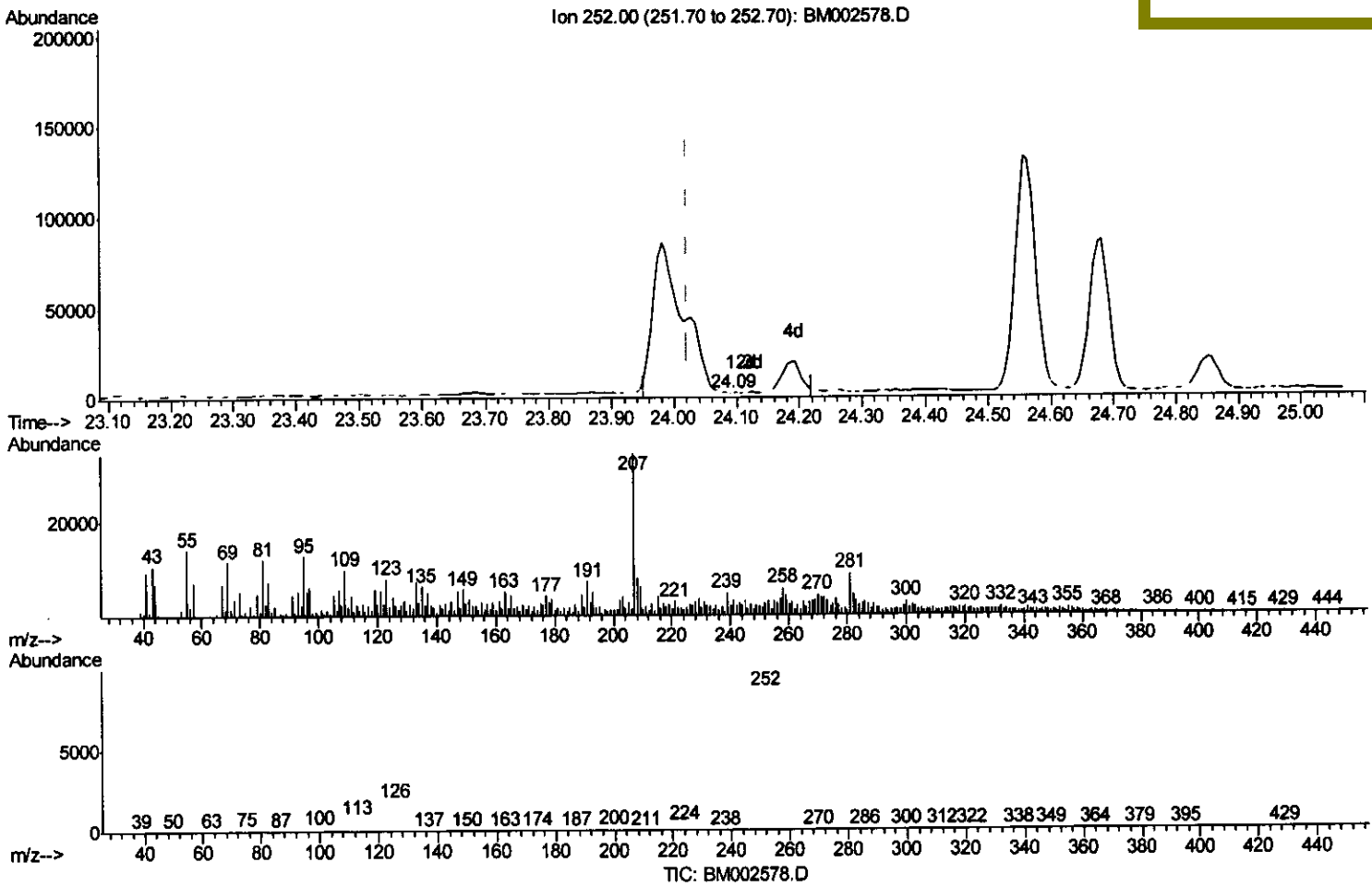
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002578.D
Acq On : 29 Aug 2015 23:21
Operator : UM/IZ
Sample : G3455-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 31 01:35:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E81

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:47 PM



(24) Benzo(k)fluoranthene

24.092min (+0.071) 0.01ng/ul

response 330

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	113.18#
125.00	12.30	145.88#
0.00	0.00	0.00

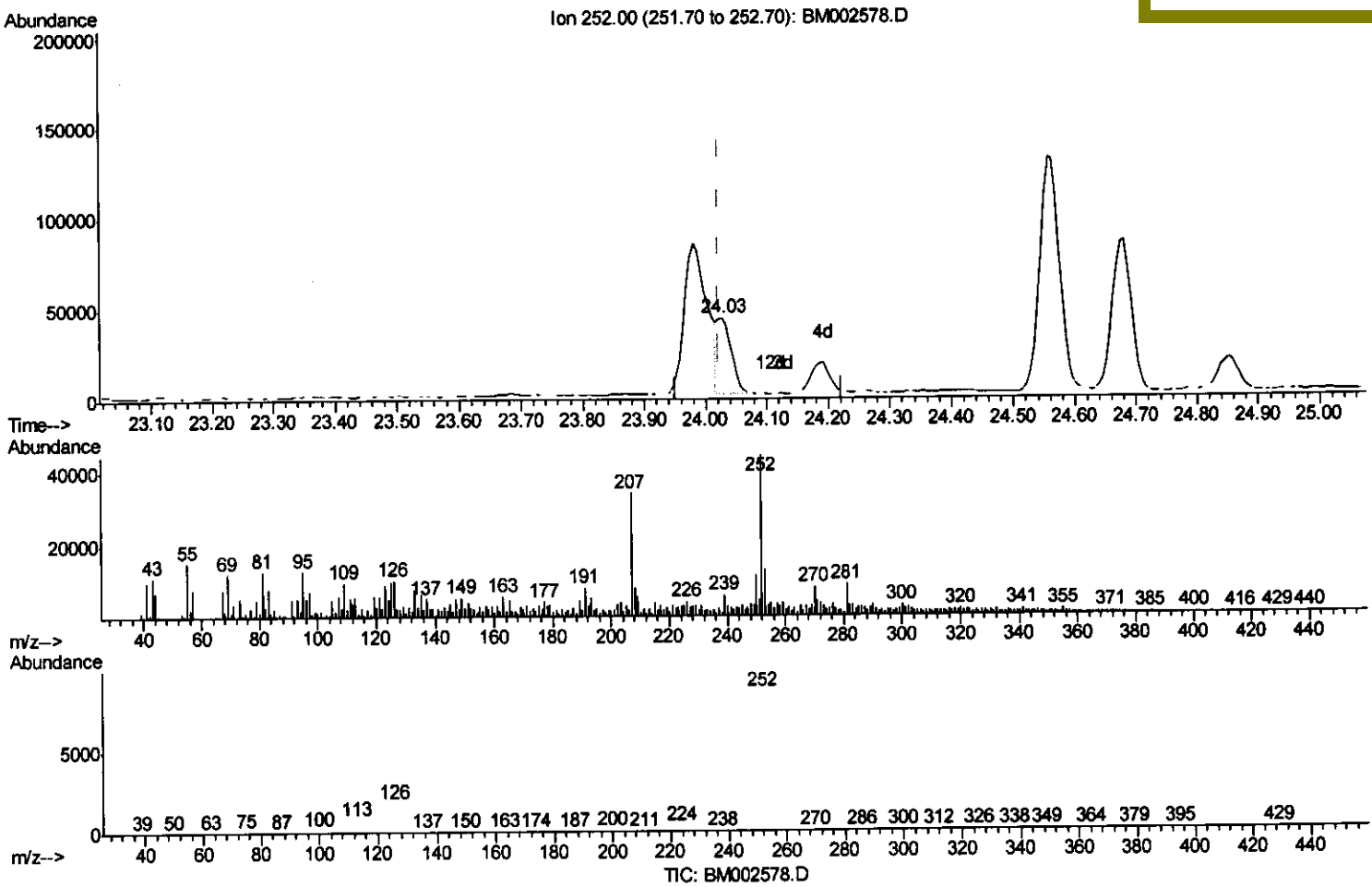
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002578.D
Acq On : 29 Aug 2015 23:21
Operator : UM/IZ
Sample : G3455-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 31 01:35:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E81

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:47 PM



TIC: BM002578.D

(24) Benzo(k)fluoranthene

24.027min (+0.006) 2.17ng/ul m U.M 9/1/15

response 66151

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	29.45#
125.00	12.30	22.34#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002578.D
Acq On : 29 Aug 2015 23:21
Operator : UM/IZ
Sample : G3455-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 31 01:40:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9E81

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	183228	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	793985	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	355687	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	575659	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	498683	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	530972	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	606250	16.67	ng/ul	0.00
10) Fluorene-d10	16.34	176	372198	14.57	ng/ul	0.00
14) Anthracene-d10	18.17	188	439800	15.84	ng/ul	0.00
18) Pyrene-d10	20.40	212	350581	15.86	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	302550	10.85	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.70	128	47188	1.16	ng/ul	97
4) 2-Methylnaphthalene	13.25	142	36051	1.19	ng/ul	99
13) Phenanthrene	18.12	178	98906	2.98	ng/ul	100
16) Fluoranthene	20.07	202	201687	5.36	ng/ul	97
19) Pyrene	20.43	202	182352	6.24	ng/ul	98
20) Benzo(a)anthracene	22.14	228	126657	4.25	ng/ul	96
21) Chrysene	22.20	228	127371m	4.57	ng/ul	
23) Benzo(b)fluoranthene	23.98	252	216335	6.74	ng/ul#	92
24) Benzo(k)fluoranthene	24.03	252	66151m	2.17	ng/ul	
26) Benzo(a)pyrene	24.68	252	185367	6.05	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.57	276	196866	5.58	ng/ul	96
28) Dibenzo(a,h)anthracene	27.55	278	109627	3.72	ng/ul#	78
29) Benzo(g,h,i)perylene	28.44	276	441769	15.05	ng/ul	94

U.M 9/1/15

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