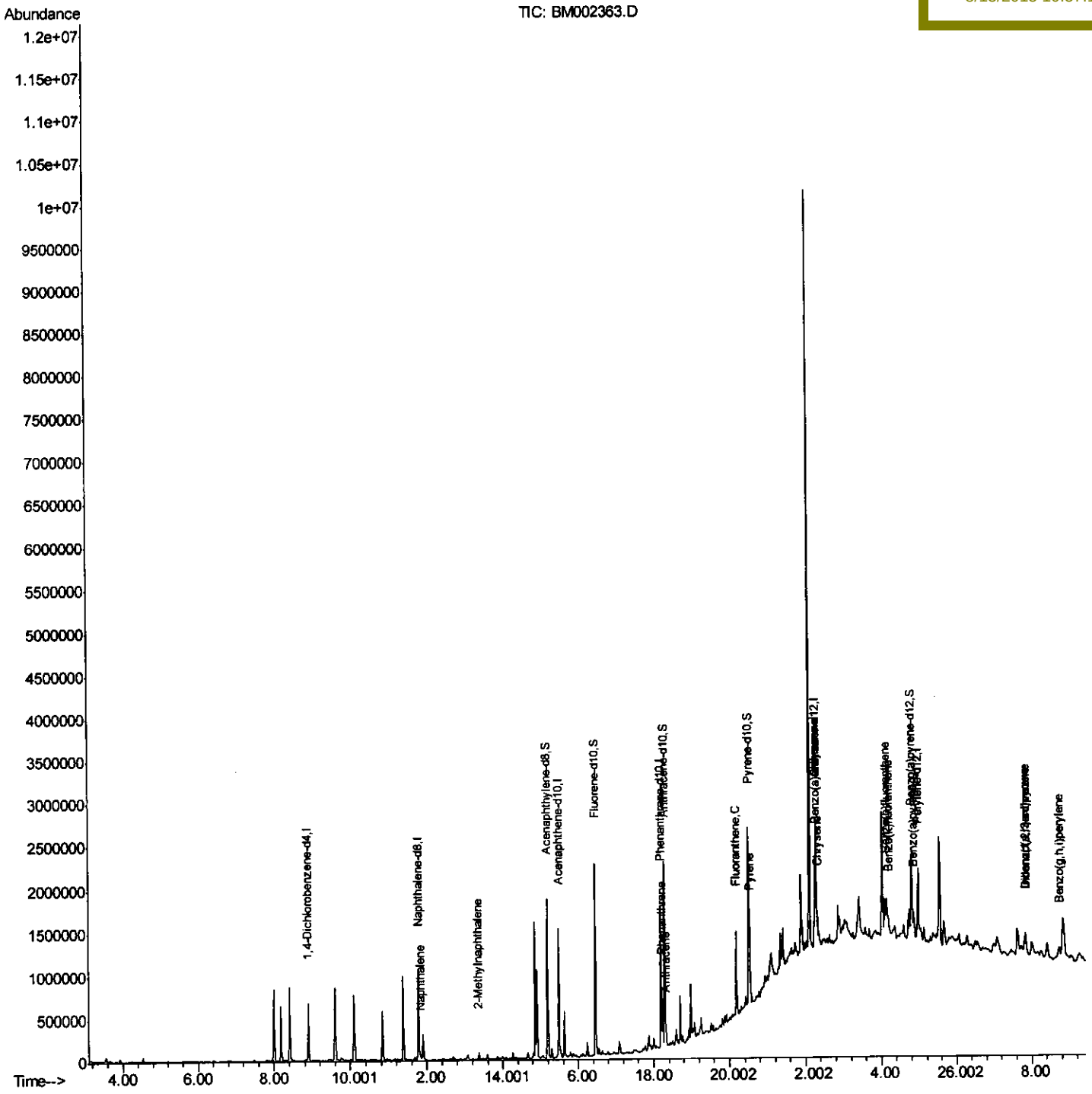
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002363.D
Acq On : 12 Aug 2015 16:24
Operator : UM/IZ
Sample : G3163-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 12 18:22:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9C96

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:18 AM



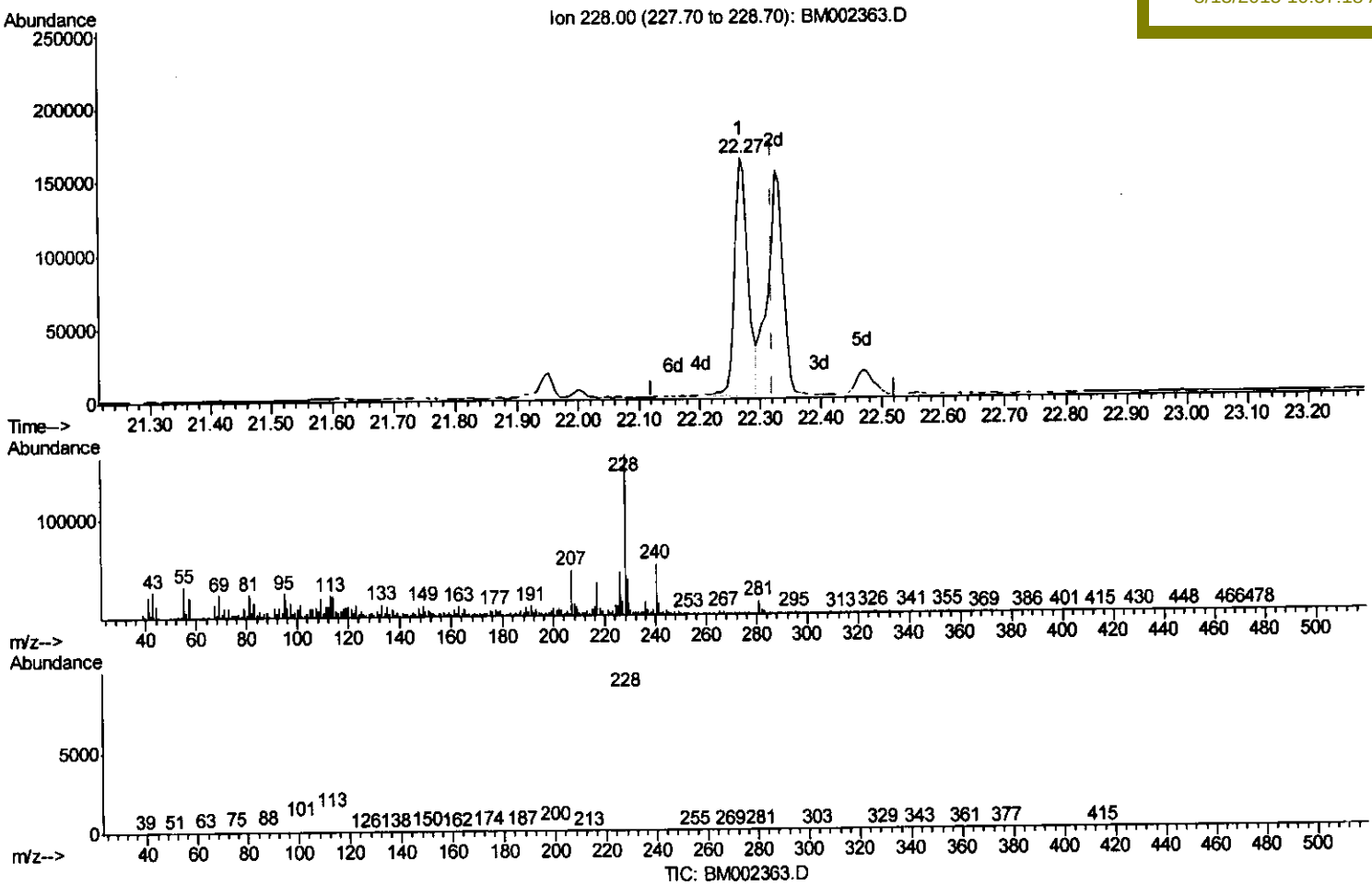
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002363.D
Acq On : 12 Aug 2015 16:24
Operator : UM/IZ
Sample : G3163-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 12 17:40:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9C96

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:18 AM



(21) Chrysene

22.268min (-0.053) 6.15ng/ul

response 246713

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	26.93
229.00	19.40	22.73
0.00	0.00	0.00

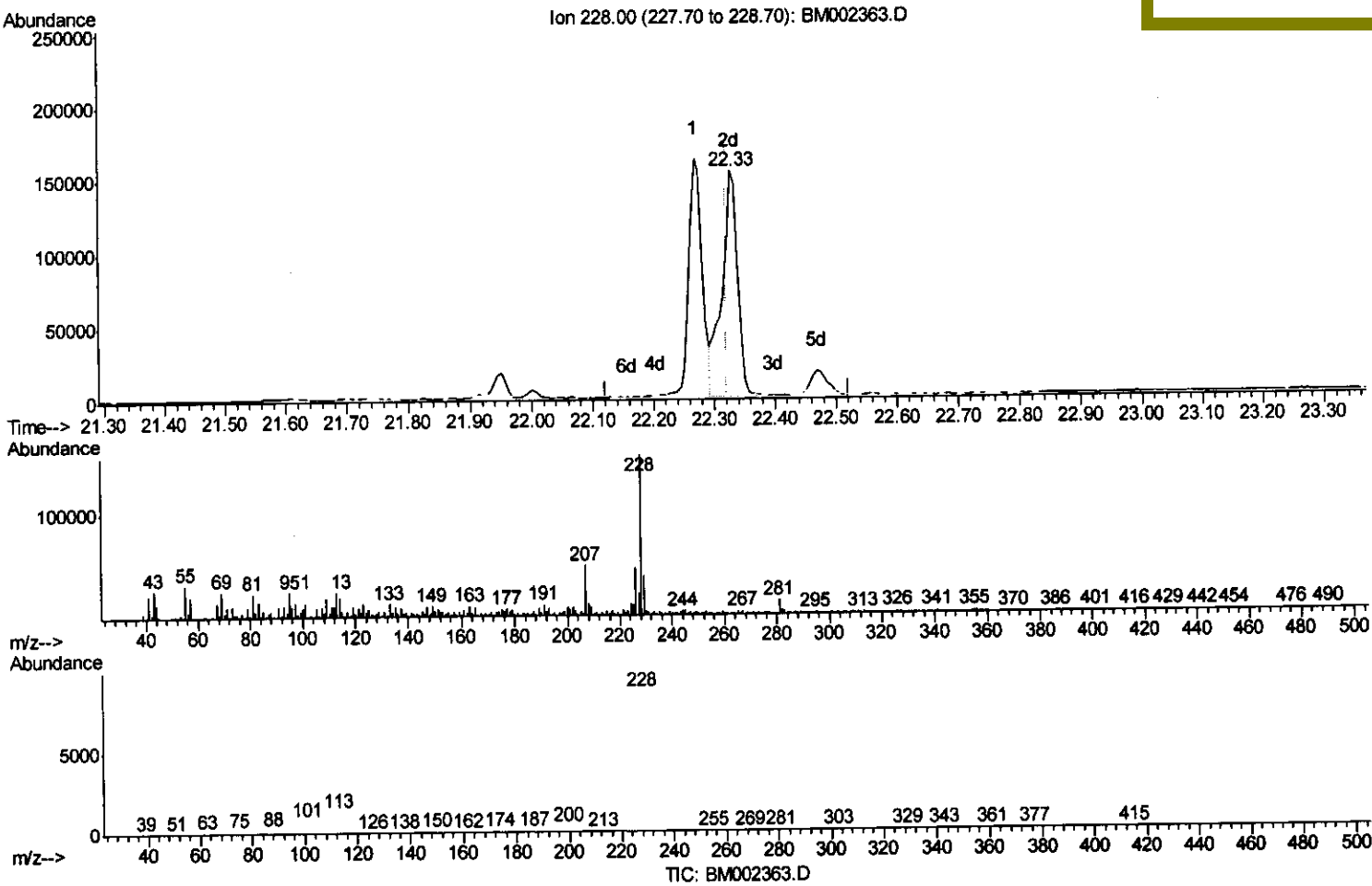
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002363.D
Acq On : 12 Aug 2015 16:24
Operator : UM/IZ
Sample : G3163-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 12 17:40:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9C96

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:18 AM



(21) Chrysene

22.327min (+0.006) 6.71ng/ul m

response 269064

U.M 8/13/15

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	29.64
229.00	19.40	24.61#
0.00	0.00	0.00

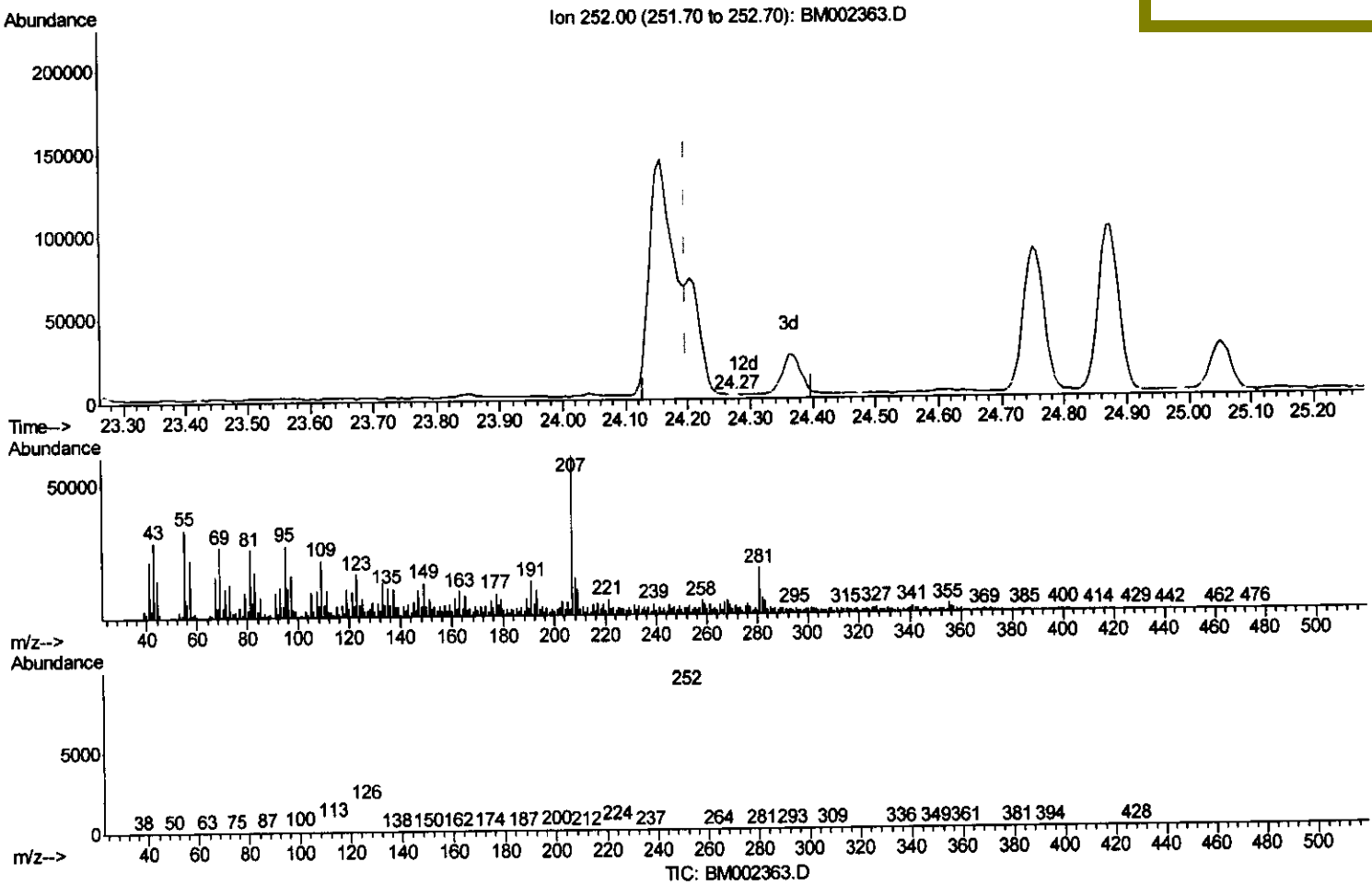
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002363.D
Acq On : 12 Aug 2015 16:24
Operator : UM/IZ
Sample : G3163-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 12 17:40:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9C96

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:18 AM



(24) Benzo(k)fluoranthene

24.274min (+0.077) 0.01ng/ul

response 260

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	131.23#
125.00	12.80	244.30#
0.00	0.00	0.00

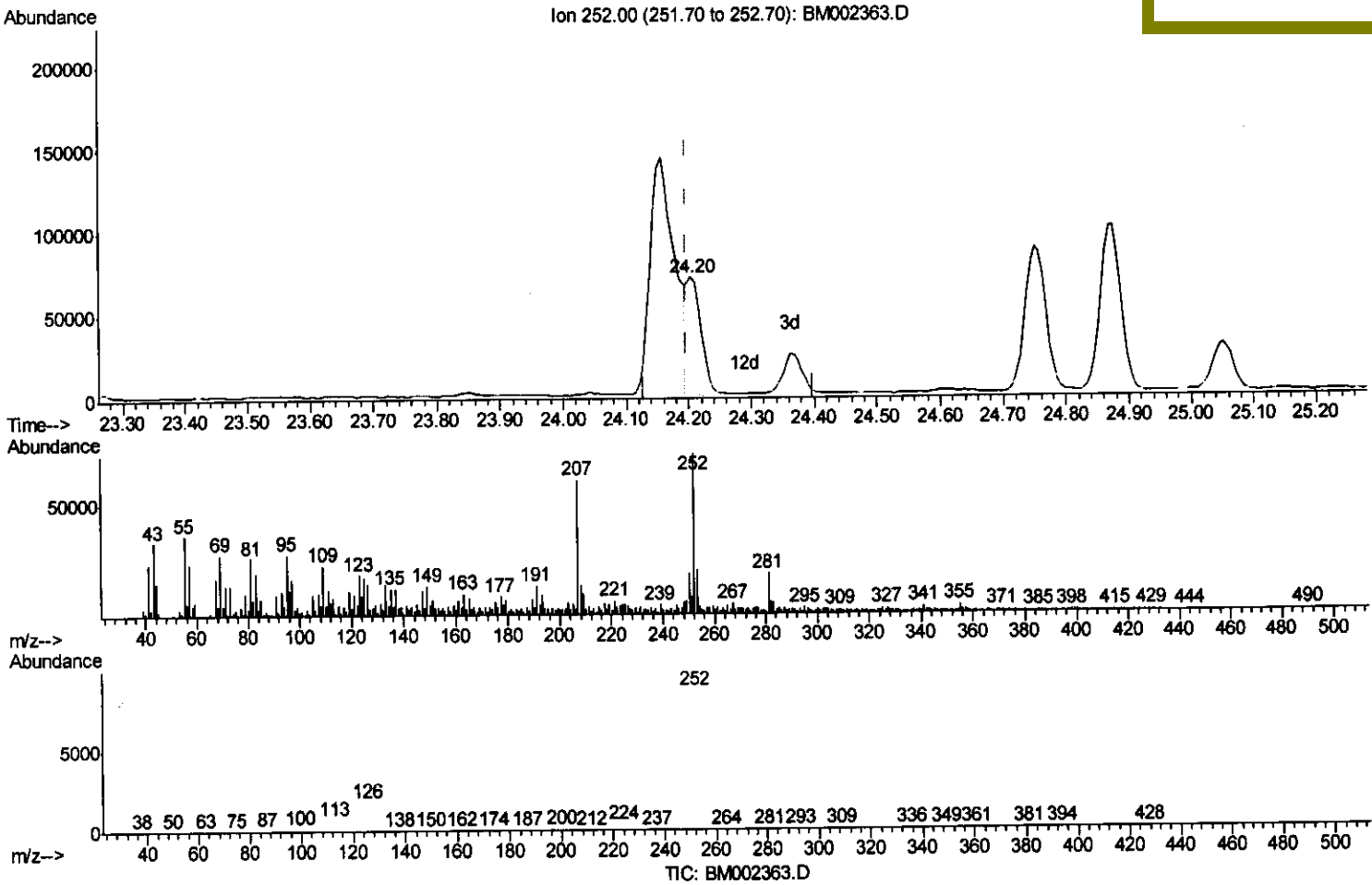
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002363.D
Acq On : 12 Aug 2015 16:24
Operator : UM/IZ
Sample : G3163-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 12 17:40:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9C96

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:18 AM



(24) Benzo(k)fluoranthene

24.203min (+0.006) 2.96ng/ul m

response 117011

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	27.44#
125.00	12.80	23.52#
0.00	0.00	0.00

U.N 8/13/15

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002363.D
Acq On : 12 Aug 2015 16:24
Operator : UM/IZ
Sample : G3163-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 12 18:22:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9C96

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	198808	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	957590	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	515139	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	969521	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	693591	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	661747	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1369209	25.66	ng/ul	0.00
10) Fluorene-d10	16.46	176	901451	24.29	ng/ul	0.00
14) Anthracene-d10	18.30	188	1193756	25.37	ng/ul	0.00
18) Pyrene-d10	20.52	212	988242	29.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	837176	23.83	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.83	128	57645	1.14	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	42634	1.18	ng/ul	98
13) Phenanthrene	18.24	178	343691	6.16	ng/ul	100
15) Anthracene	18.33	178	76340	1.32	ng/ul	99
16) Fluoranthene	20.19	202	565834	9.16	ng/ul	99
19) Pyrene	20.54	202	455397	10.16	ng/ul	97
20) Benzo(a)anthracene	22.27	228	249524	5.89	ng/ul	97
21) Chrysene	22.33	228	269064m	6.71	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	380263	9.25	ng/ul#	93
24) Benzo(k)fluoranthene	24.20	252	117011m	2.96	ng/ul	
26) Benzo(a)pyrene	24.87	252	227536	5.78	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	27.84	276	181546	4.02	ng/ul	97
28) Dibenzo(a,h)anthracene	27.85	278	48036	1.26	ng/ul#	62
29) Benzo(g,h,i)perylene	28.73	276	171616	4.51	ng/ul#	89

U.M 8/13/15

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