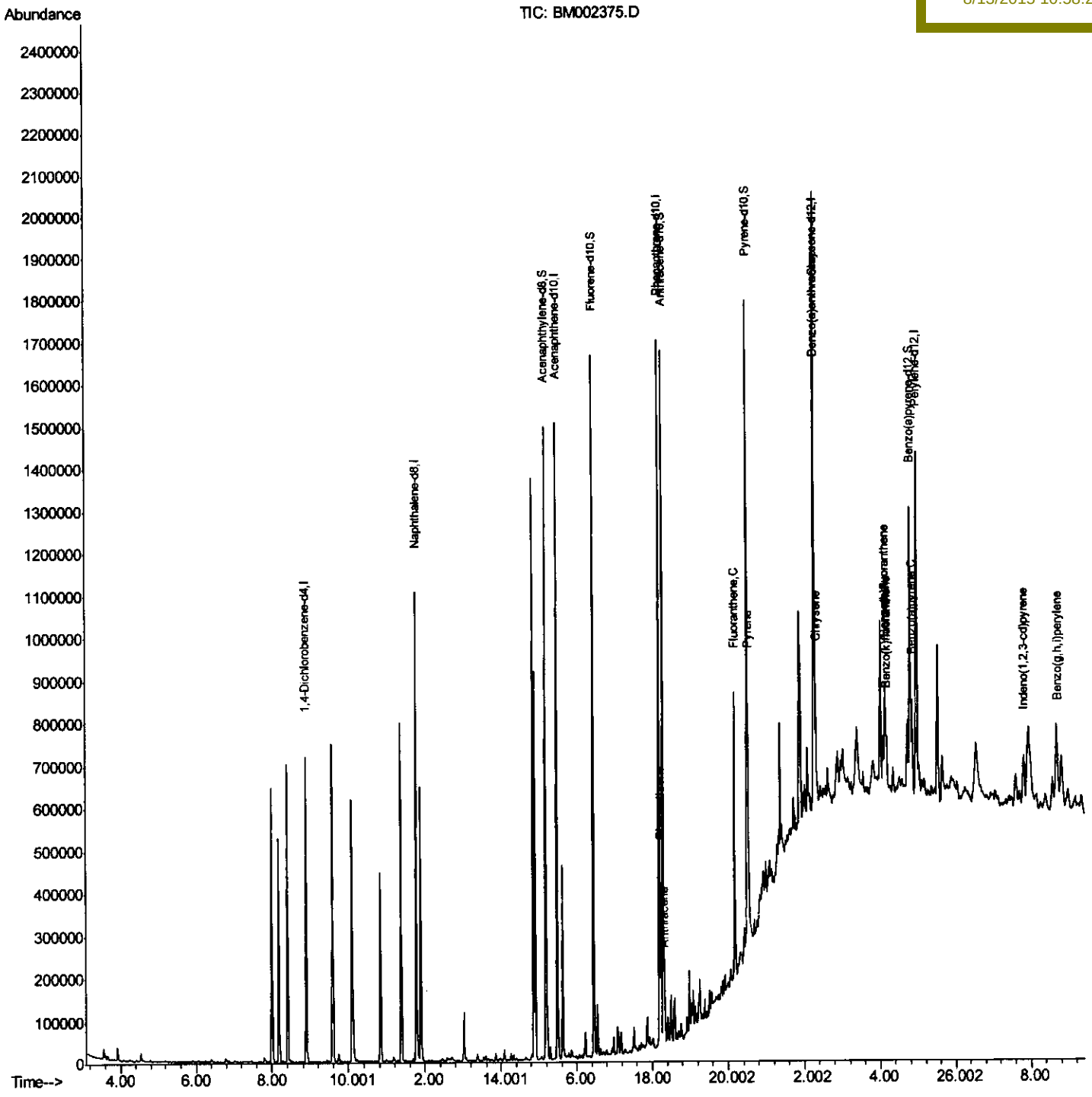
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002375.D
Acq On : 12 Aug 2015 23:47
Operator : UM/IZ
Sample : G3163-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 13 01:22:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D05

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:58:24 AM



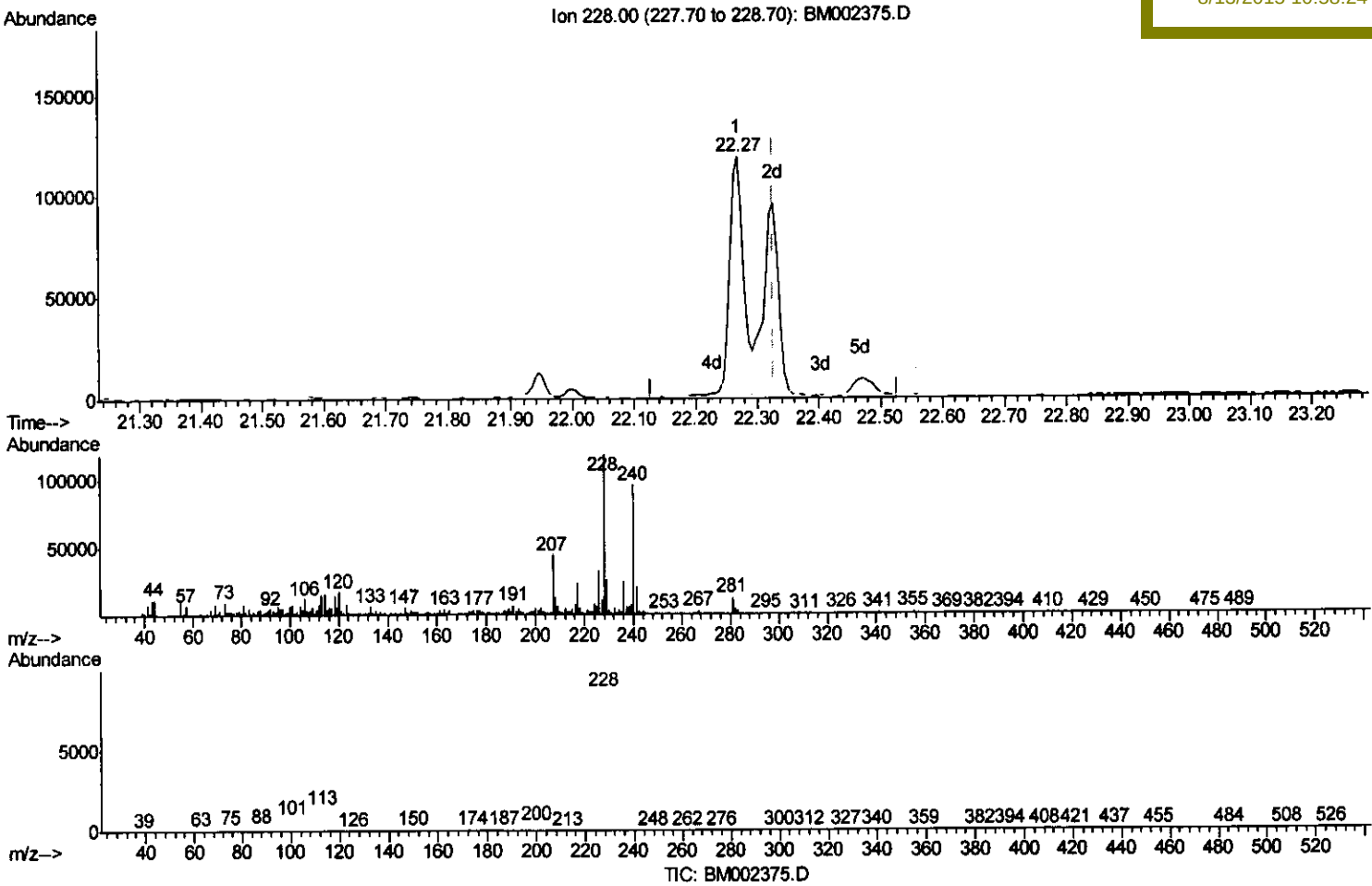
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002375.D
Acq On : 12 Aug 2015 23:47
Operator : UM/IZ
Sample : G3163-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 13 00:48:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D05

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:58:24 AM



(21) Chrysene

22.268min (-0.059) 4.68ng/ul

response 183987

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	27.50
229.00	19.40	22.25
0.00	0.00	0.00

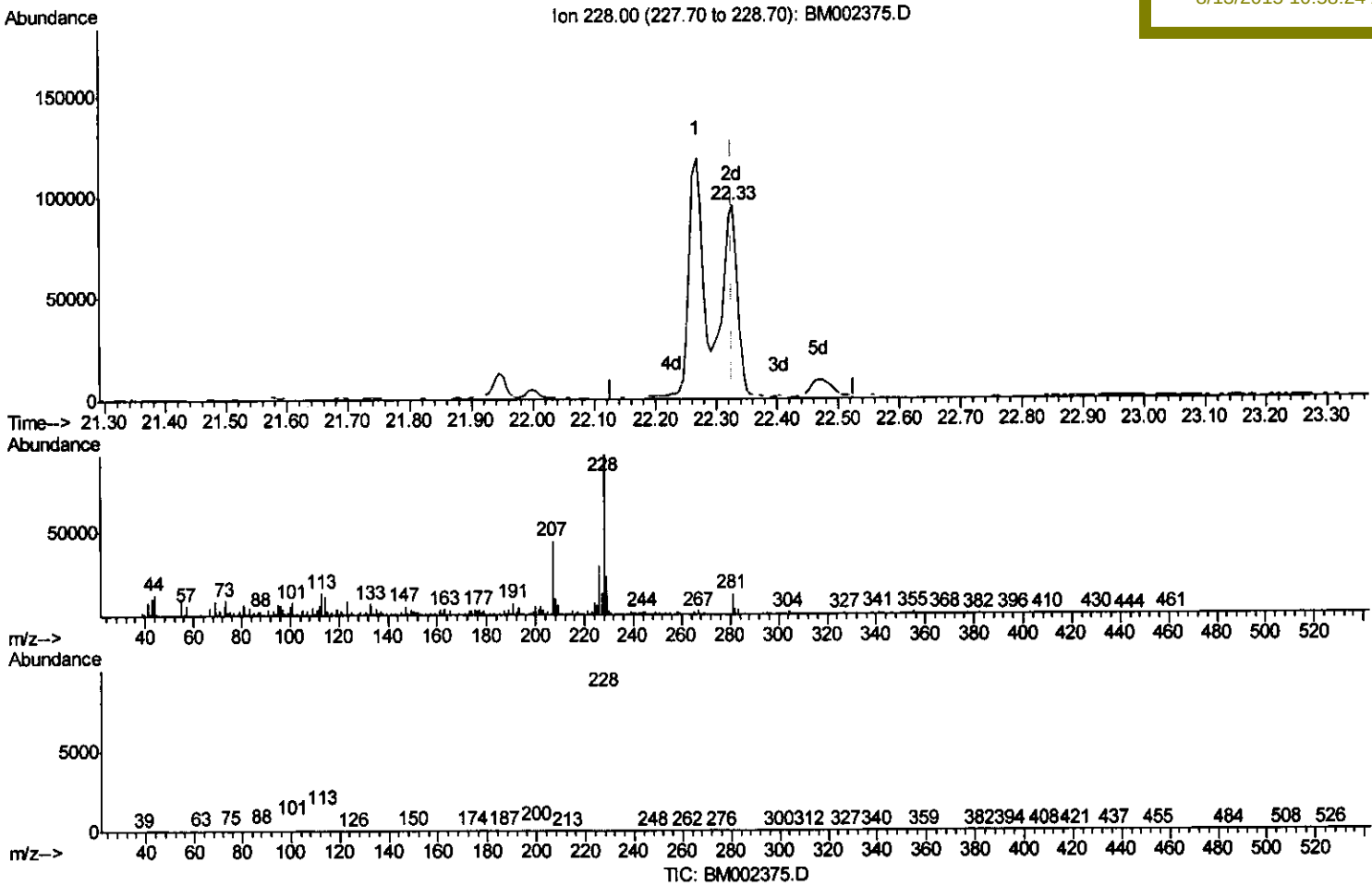
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002375.D
Acq On : 12 Aug 2015 23:47
Operator : UM/IZ
Sample : G3163-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 13 00:48:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D05

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:58:24 AM



(21) Chrysene

22.327min (+0.000) 4.03ng/ul m

response 158426

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	31.07
229.00	19.40	24.32#
0.00	0.00	0.00

U.M 08/13/15

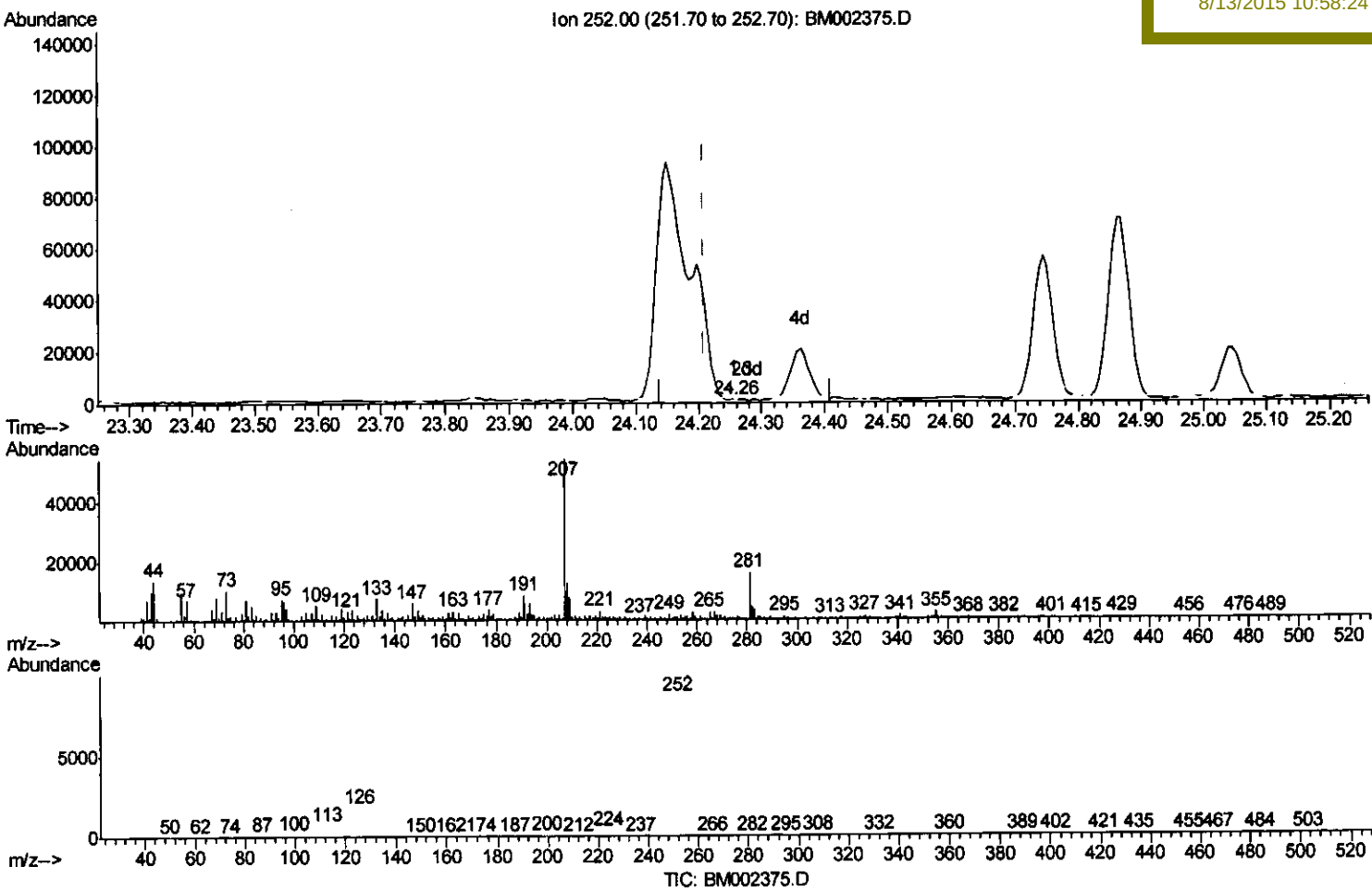
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002375.D
Acq On : 12 Aug 2015 23:47
Operator : UM/IZ
Sample : G3163-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 13 00:48:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D05

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:58:24 AM



(24) Benzo(k)fluoranthene

24.256min (+0.047) 0.00ng/ul

response 132

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	125.25#
125.00	12.80	146.32#
0.00	0.00	0.00

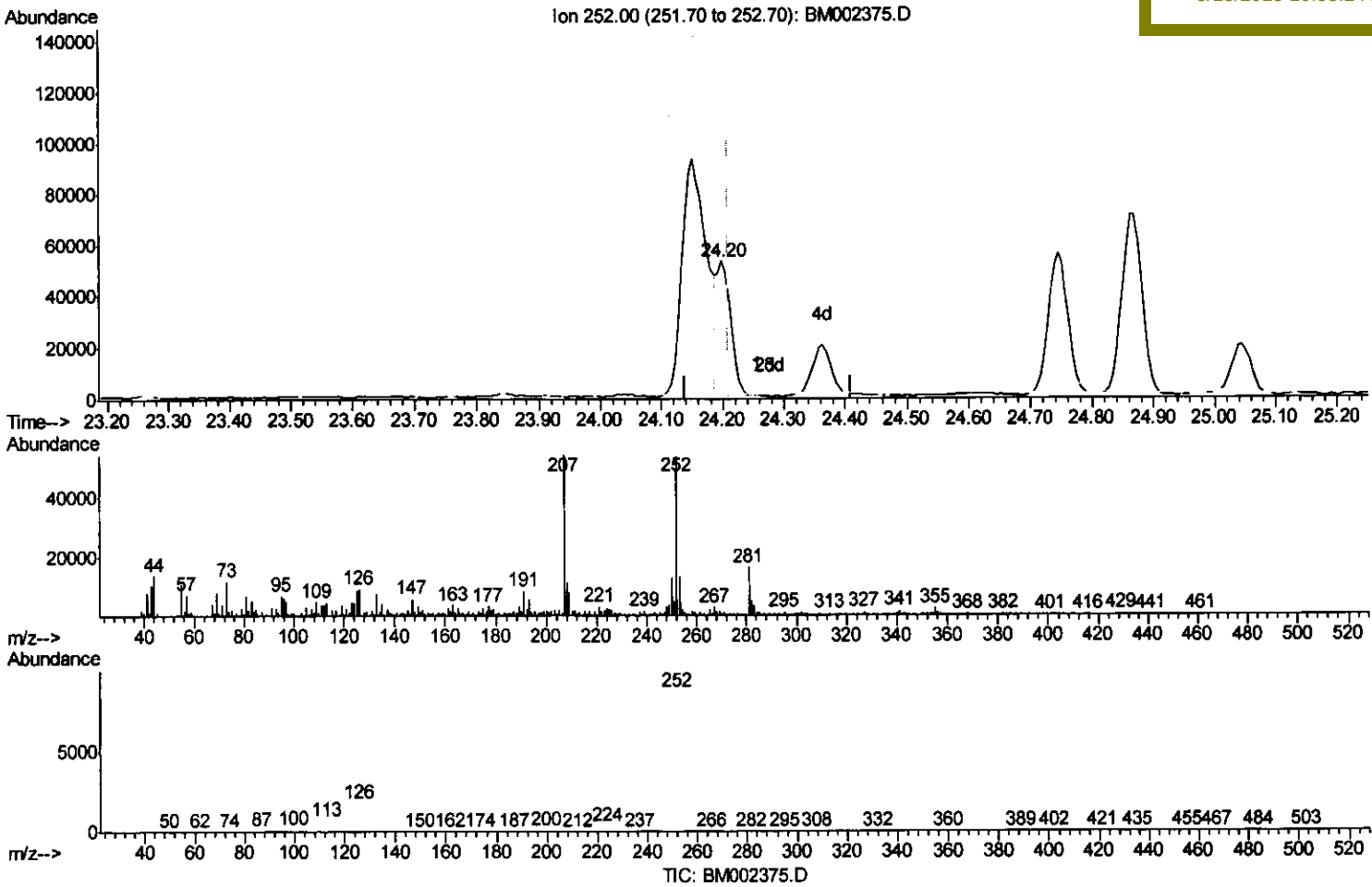
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002375.D
Acq On : 12 Aug 2015 23:47
Operator : UM/IZ
Sample : G3163-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 13 00:48:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D05

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:58:24 AM



(24) Benzo(k)fluoranthene

24.197min (-0.012) 2.04ng/ul m

response 81000

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.45
125.00	12.80	16.24#
0.00	0.00	0.00

U.M 08/13/15

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002375.D
Acq On : 12 Aug 2015 23:47
Operator : UM/IZ
Sample : G3163-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 13 01:22:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9D05

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:58:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	210376	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1016666	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	524950	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	957941	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	679586	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	664052	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1102950	20.28	ng/ul	0.00
10) Fluorene-d10	16.46	176	691766	18.29	ng/ul	0.00
14) Anthracene-d10	18.30	188	905299	19.48	ng/ul	0.00
18) Pyrene-d10	20.52	212	709871	21.54	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	551243	15.63	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.24	178	222184	4.03	ng/ul	99
15) Anthracene	18.33	178	64118	1.13	ng/ul	97
16) Fluoranthene	20.19	202	413013	6.77	ng/ul	98
19) Pyrene	20.54	202	315287	7.18	ng/ul	97
20) Benzo(a)anthracene	22.27	228	184916	4.46	ng/ul	97
21) Chrysene	22.33	228	158426m	4.03	ng/ul	
23) Benzo(b)fluoranthene	24.15	252	256779	6.22	ng/ul#	96
24) Benzo(k)fluoranthene	24.20	252	81000m	2.04	ng/ul	
26) Benzo(a)pyrene	24.87	252	163084	4.13	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.84	276	122929	2.72	ng/ul	97
29) Benzo(g,h,i)perylene	28.73	276	111257	2.91	ng/ul	95

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

U.M 08/13/15