

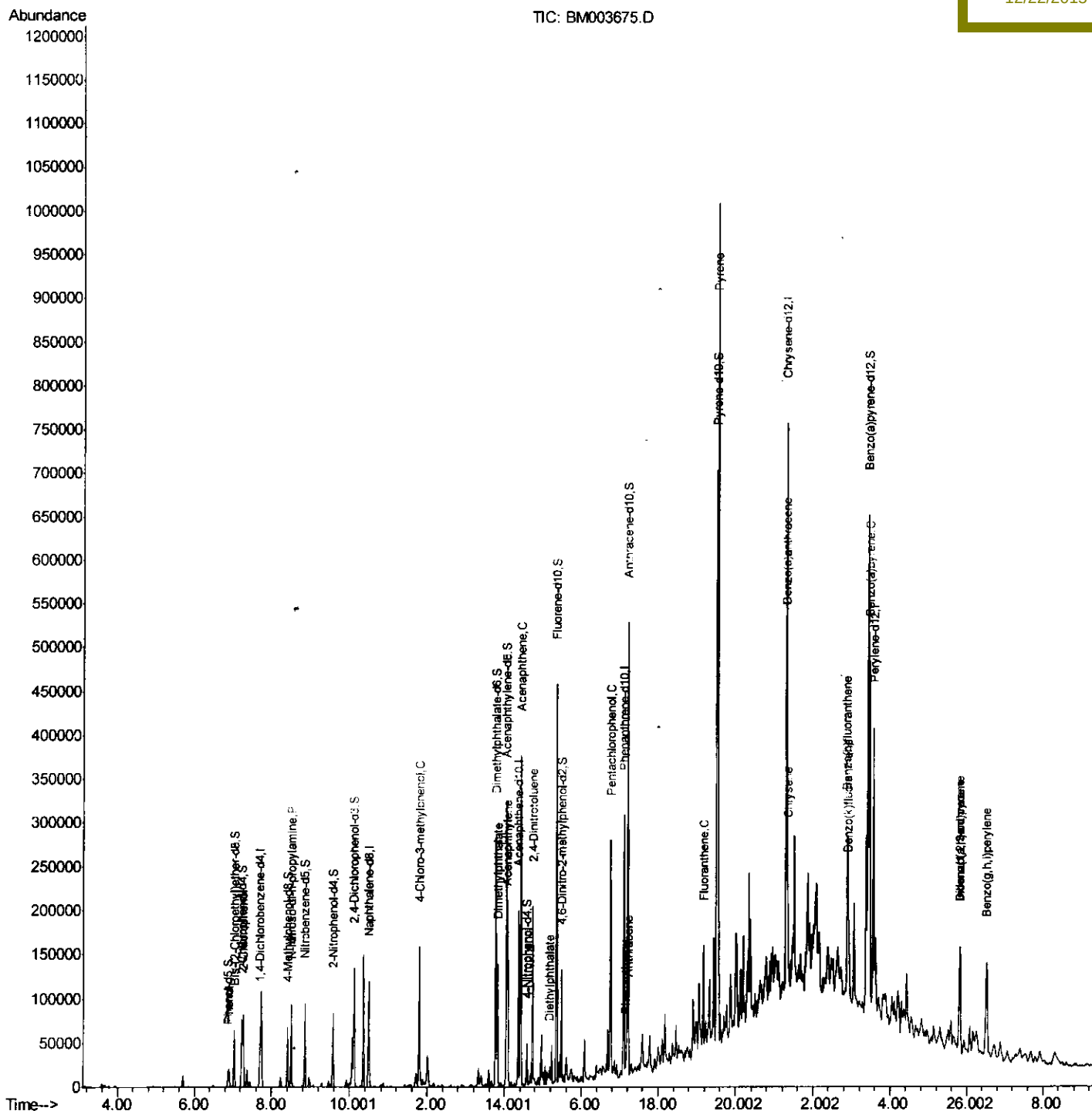
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003675.D
Acq On : 21 Dec 2015 03:36
Operator : UM/SJ
Sample : G4867-10MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA M
ClientSampleId :
G9DA5MSD

Quant Time: Dec 21 05:59:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

apatel
12/22/2015 12:20:09 PM



Quantitation Report (Qedit)

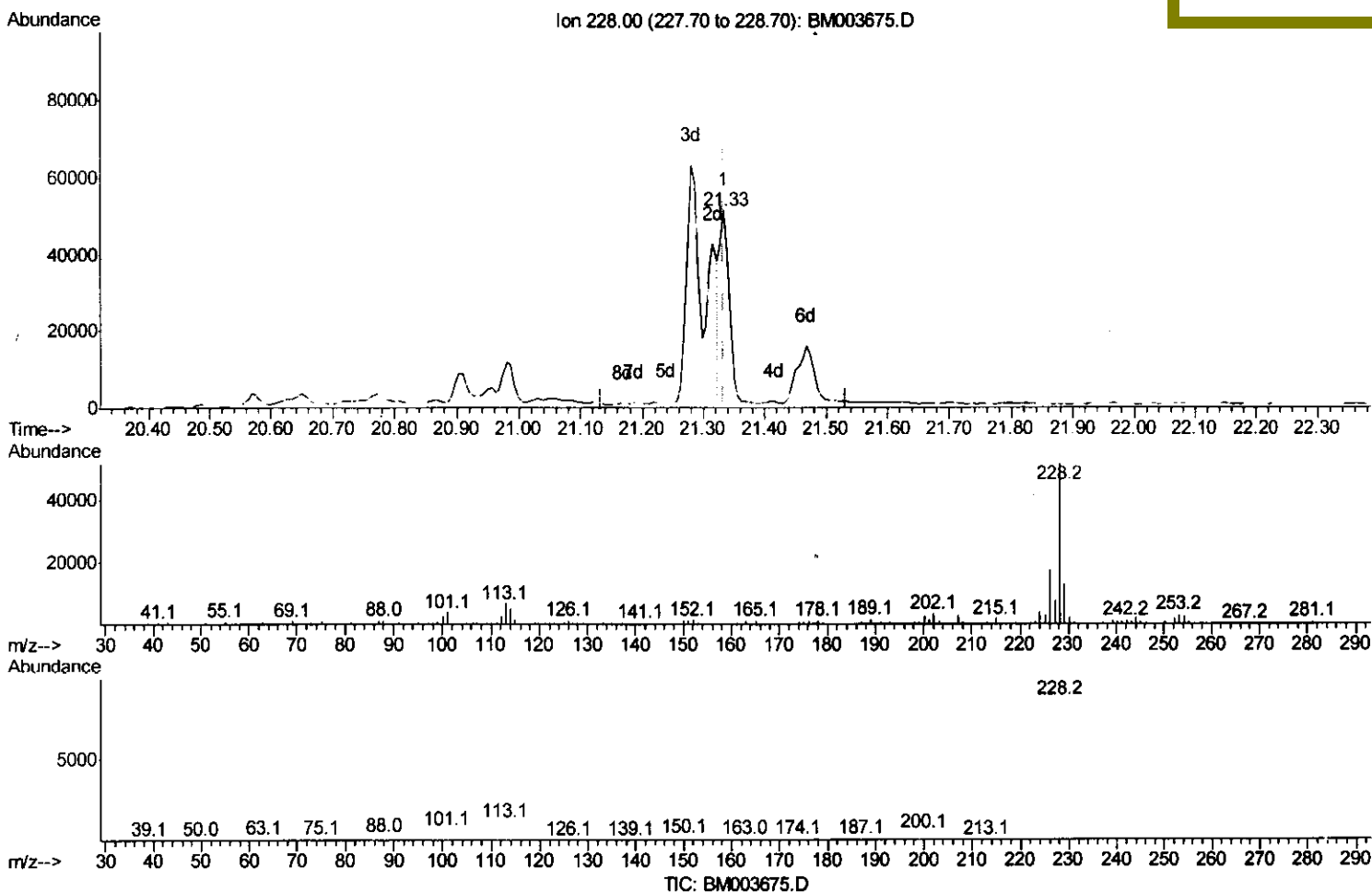
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003675.D
Acq On : 21 Dec 2015 03:36
Operator : UM/SJ
Sample : G4867-10MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9DA5MSD

Manual Integrations
APPROVED

apatel
12/22/2015 12:20:09 PM

Quant Time: Dec 21 05:56:07 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration



(85) Chrysene

21.333min (-0.000) 4.33ng/ul

response 56209

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	33.82
229.00	19.50	24.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

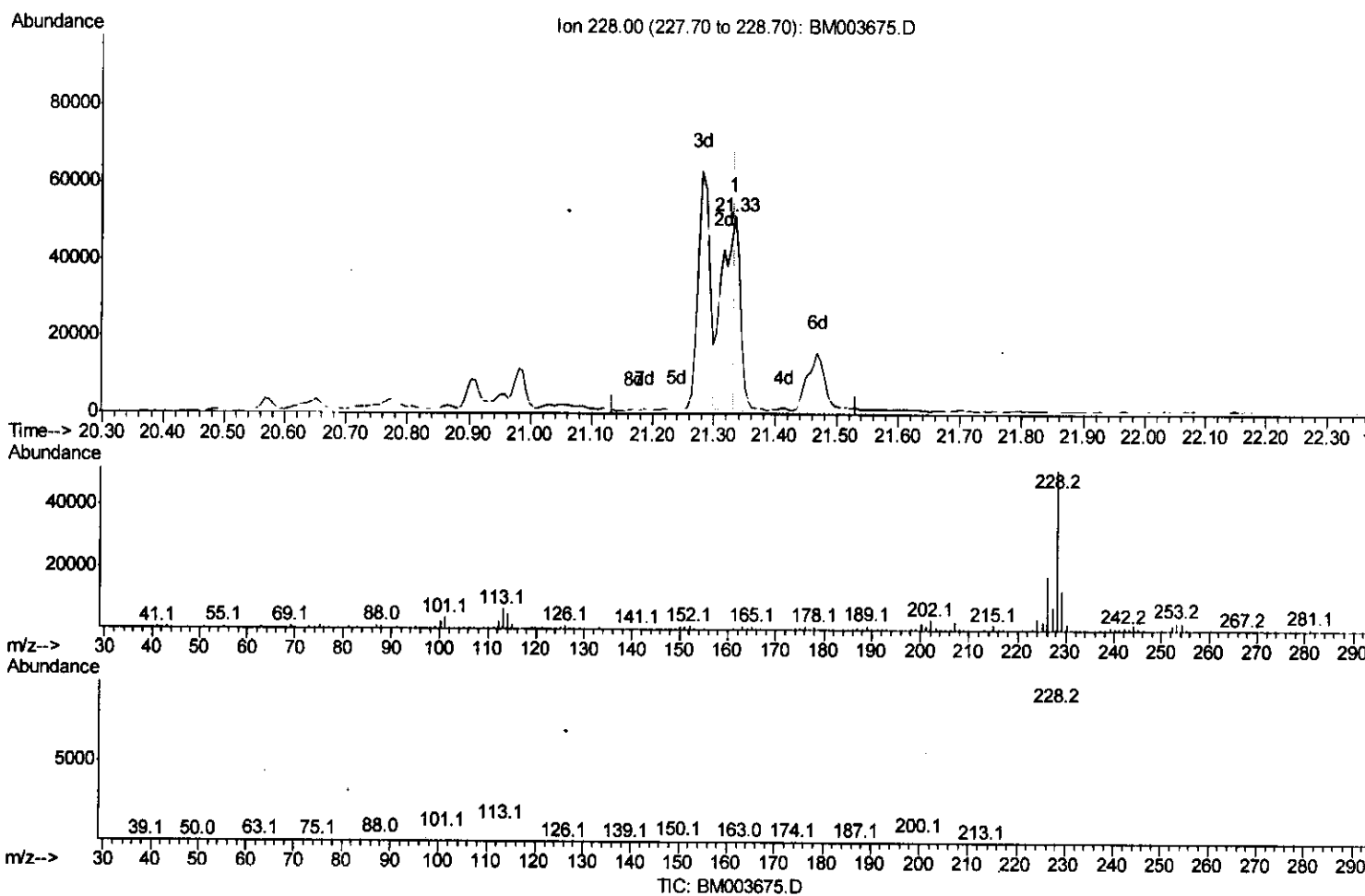
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003675.D
 Acq On : 21 Dec 2015 03:36
 Operator : UM/SJ
 Sample : G4867-10MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MSD

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:20:09 PM

Quant Time: Dec 21 05:56:07 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration



(85) Chrysene

21.333min (-0.000) 8.02ng/ul m

response 104072

U.M
 12/22/15

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	33.82
229.00	19.50	24.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

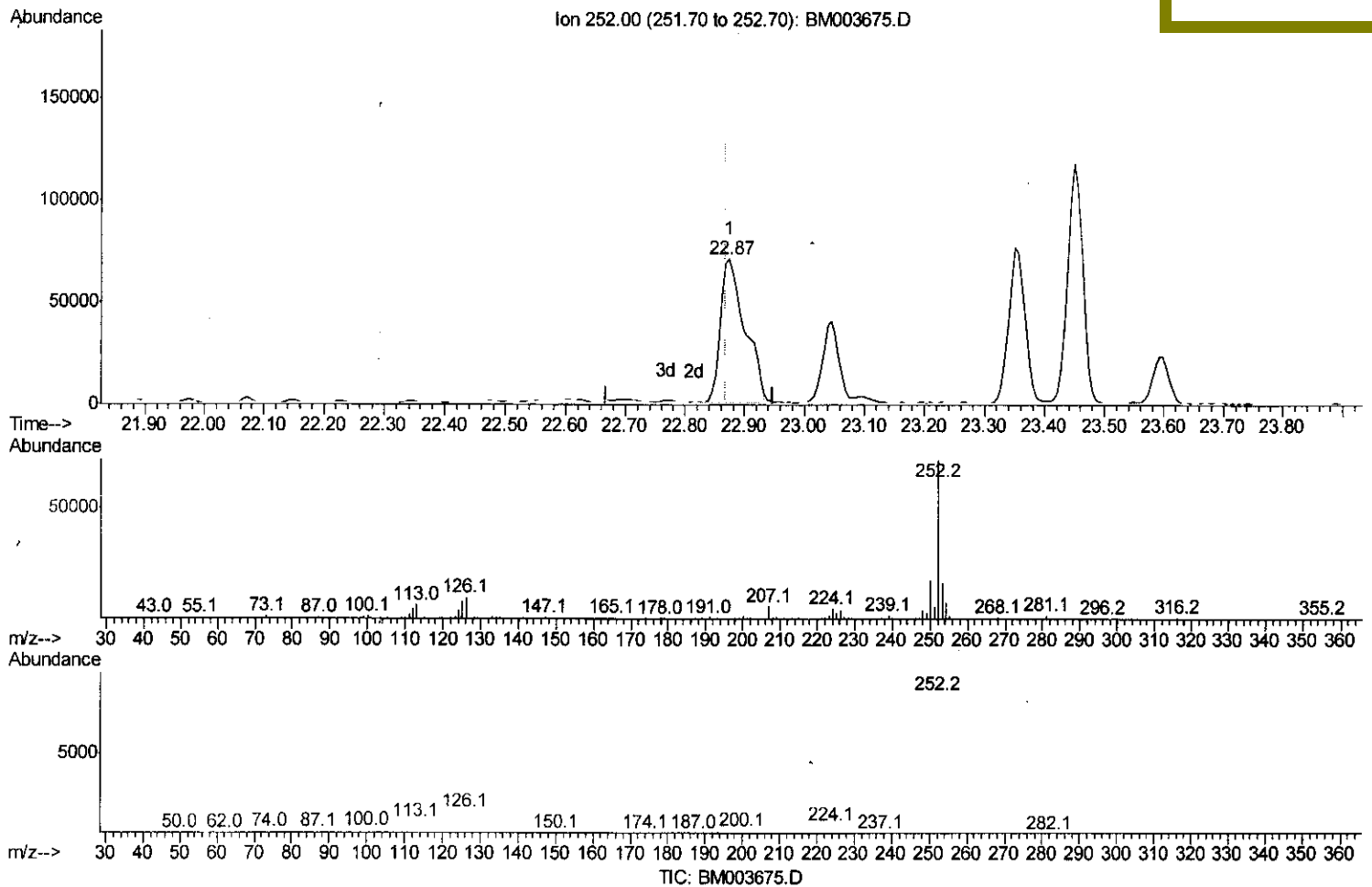
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003675.D
 Acq On : 21 Dec 2015 03:36
 Operator : UM/SJ
 Sample : G4867-10MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MSD

Quant Time: Dec 21 05:56:07 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 Last Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:20:09 PM



(88) Benzo(b)fluoranthene

22.874min (+0.006) 15.09ng/ul

response 199791

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.66
125.00	10.60	11.68
0.00	0.00	0.00

Quantitation Report (Qedit)

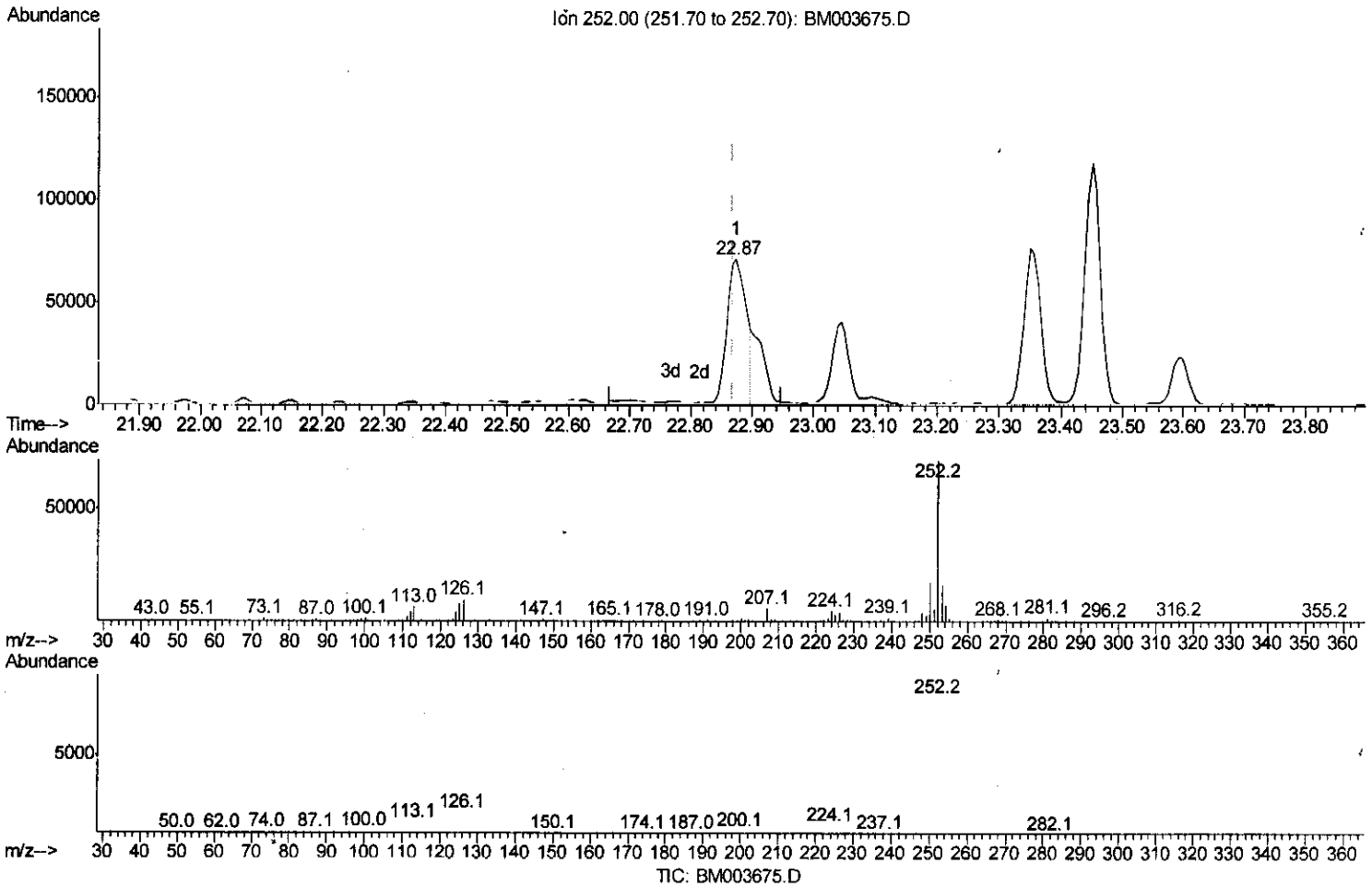
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003675.D
 Acq On : 21 Dec 2015 03:36
 Operator : UM/SJ
 Sample : G4867-10MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MSD

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:20:09 PM

Quant Time: Dec 21 05:56:07 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration



(88) Benzo(b)fluoranthene

22.874min (+0.006) 11.78ng/ul m U.M

response 155975

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.66
125.00	10.60	11.68
0.00	0.00	0.00

12/22/15

Quantitation Report (Qedit)

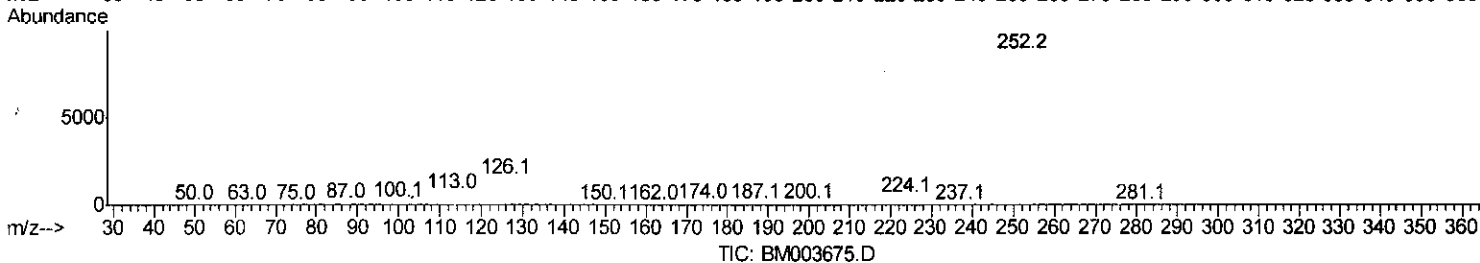
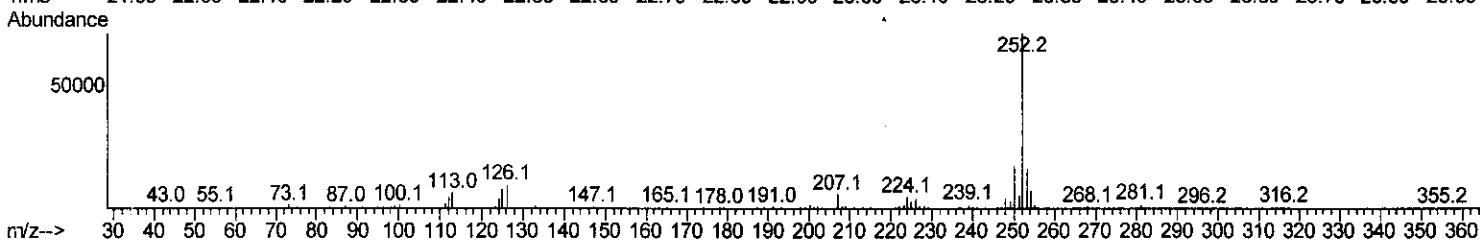
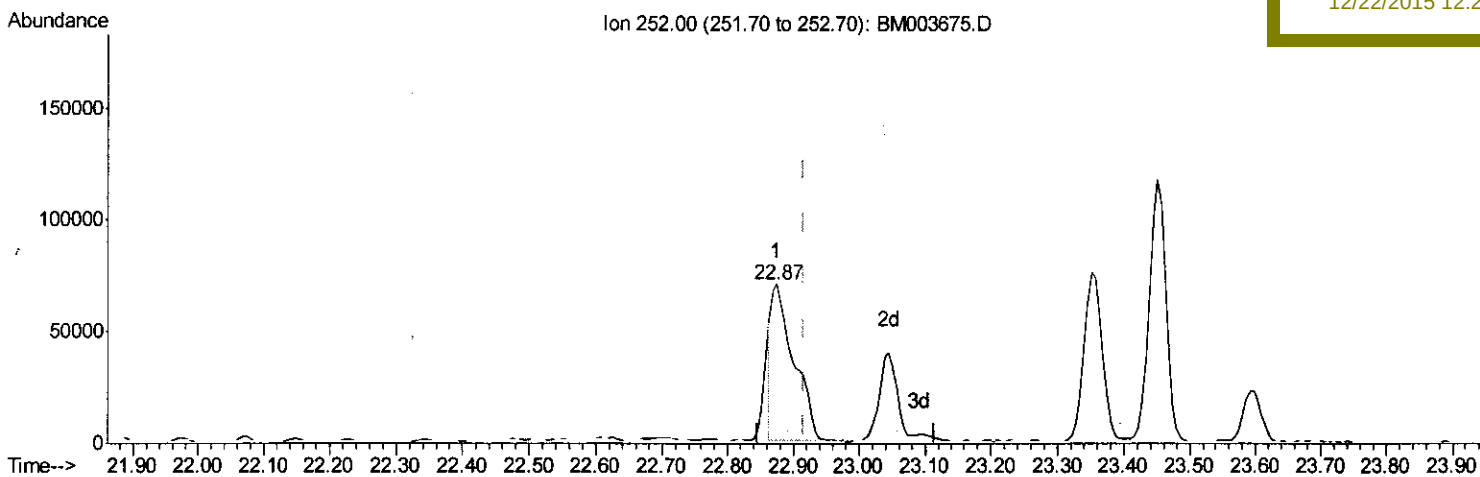
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003675.D
Acq On : 21 Dec 2015 03:36
Operator : UM/SJ
Sample : G4867-10MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 21 05:56:07 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G9DA5MSD

Manual Integrations
APPROVED

apatel
12/22/2015 12:20:09 PM



(89) Benzo(k)fluoranthene

22.874min (-0.041) 13.05ng/ul

response 163718

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.66
125.00	10.20	11.68
0.00	0.00	0.00

Quantitation Report (Qedit)

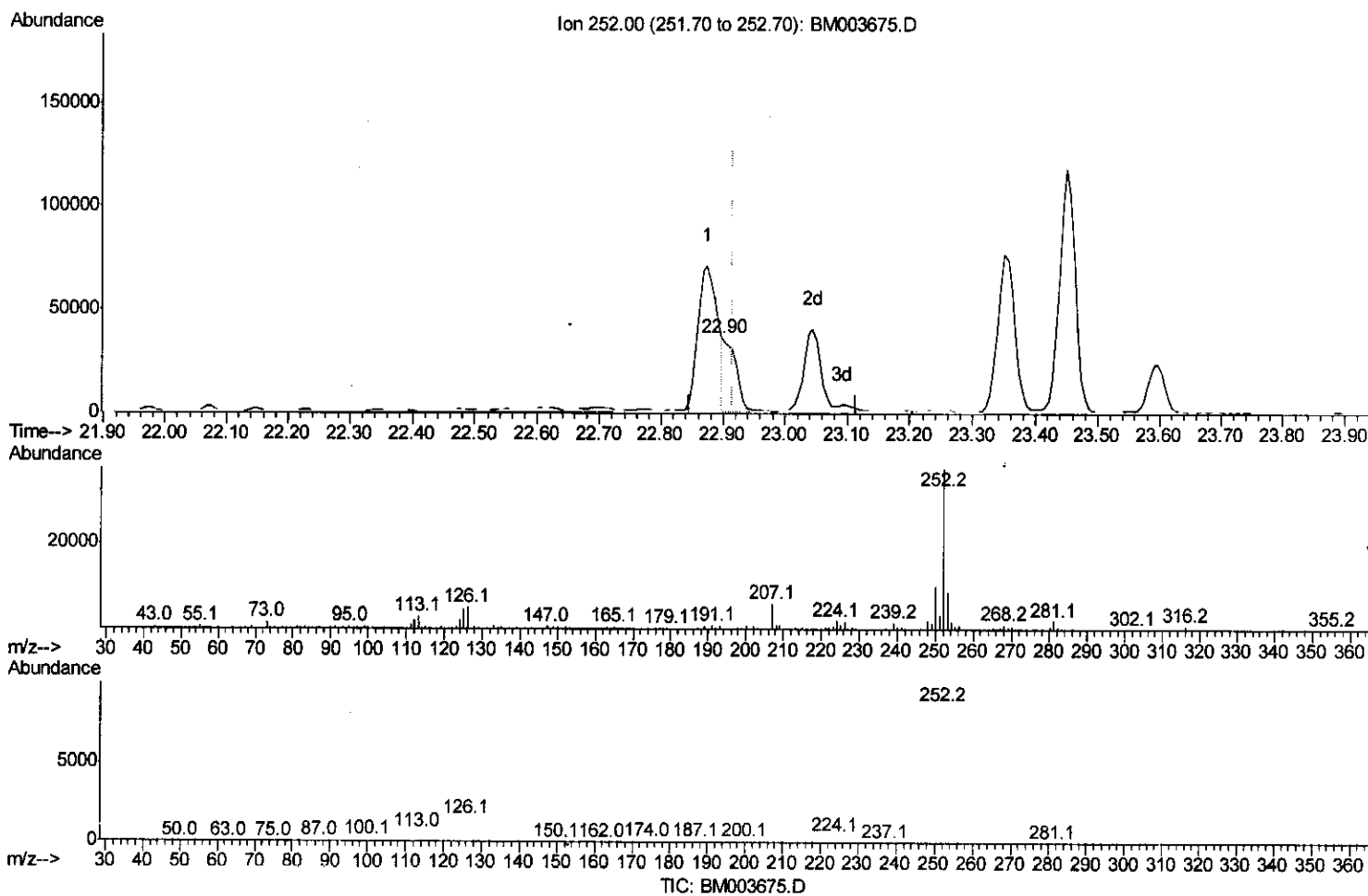
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003675.D
 Acq On : 21 Dec 2015 03:36
 Operator : UM/SJ
 Sample : G4867-10MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MSD

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:20:09 PM

Quant Time: Dec 21 05:56:07 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.897min (-0.018) 3.78ng/ul m U.M
 response 47481 12/22/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.91
125.00	10.20	13.29#
0.00	0.00	0.00

Quantitation Report (QT-Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003675.D
 Acq On : 21 Dec 2015 03:36
 Operator : UM/SJ
 Sample : G4867-10MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MSD

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:20:09 PM

Quant Time: Dec 21 05:59:12 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev/(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	20219	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	102703	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	65861	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	165366	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	223298	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	219661	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.87	99	12919	7.53	ng/ul	0.00
7) 4-Chloro-3-methylphenol-d3	7.23	67	29145	32.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	39242	28.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	27121	18.38	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	26250	35.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	30049	35.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	51564	33.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	1689	0.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	188916	34.71	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	227969	36.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	8372	7.90	ng/ul	0.00
58) Fluorene-d10	15.34	176	166659	37.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	28290	30.35	ng/ul	0.00
71) Anthracene-d10	17.20	188	282606	37.56	ng/ul	0.00
79) Pyrene-d10	19.50	212	347398	35.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	410420	37.61	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	6.90	94	14431	8.04	ng/ul	97
10) 2-Chlorophenol	7.26	128	40219	27.83	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	37426	33.51	ng/ul	98
33) 4-Chloro-3-methylphenol	11.78	107	58325	31.26	ng/ul	96
45) Dimethylphthalate	13.80	163	31658	5.69	ng/ul	98
48) Acenaphthylene	14.07	152	129166	19.06	ng/ul	99
60) Acenaphthene	14.42	153	157372	34.77	ng/ul	98
53) 4-Nitrophenol	14.58	109	7807	8.70	ng/ul	99
55) 2,4-Dinitrotoluene	14.72	165	59130	35.88	ng/ul	99
57) Diethylphthalate	15.17	149	11128	1.89	ng/ul	98
69) Pentachlorophenol	16.75	266	40582	39.28	ng/ul	100
70) Phenanthrene	17.14	178	11702	1.28	ng/ul#	91
72) Anthracene	17.23	178	35275	3.78	ng/ul	100
77) Fluoranthene	19.16	202	57851	5.50	ng/ul	99
80) Pyrene	19.53	202	565508	44.01	ng/ul	98
83) Benzo(a)anthracene	21.28	228	83225	6.18	ng/ul#	77
85) Chrysene	21.33	228	104072m	8.02	ng/ul	
88) Benzo(b)fluoranthene	22.87	252	155975m	11.78	ng/ul	
89) Benzo(k)fluoranthene	22.90	252	47481m	3.78	ng/ul	
91) Benzo(a)pyrene	23.45	252	208492	16.46	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.81	276	106047	7.78	ng/ul	95
93) Dibenzo(a,h)anthracene	25.81	278	33895	2.96	ng/ul#	78
94) Benzo(g,h,i)perylene	26.51	276	124745	11.14	ng/ul	98

UM
 12/22/15

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003675.D
 Acq On : 21 Dec 2015 03:36
 Operator : UM/SJ
 Sample : G4867-10MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 21 05:59:12 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MSD

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:20:09 PM