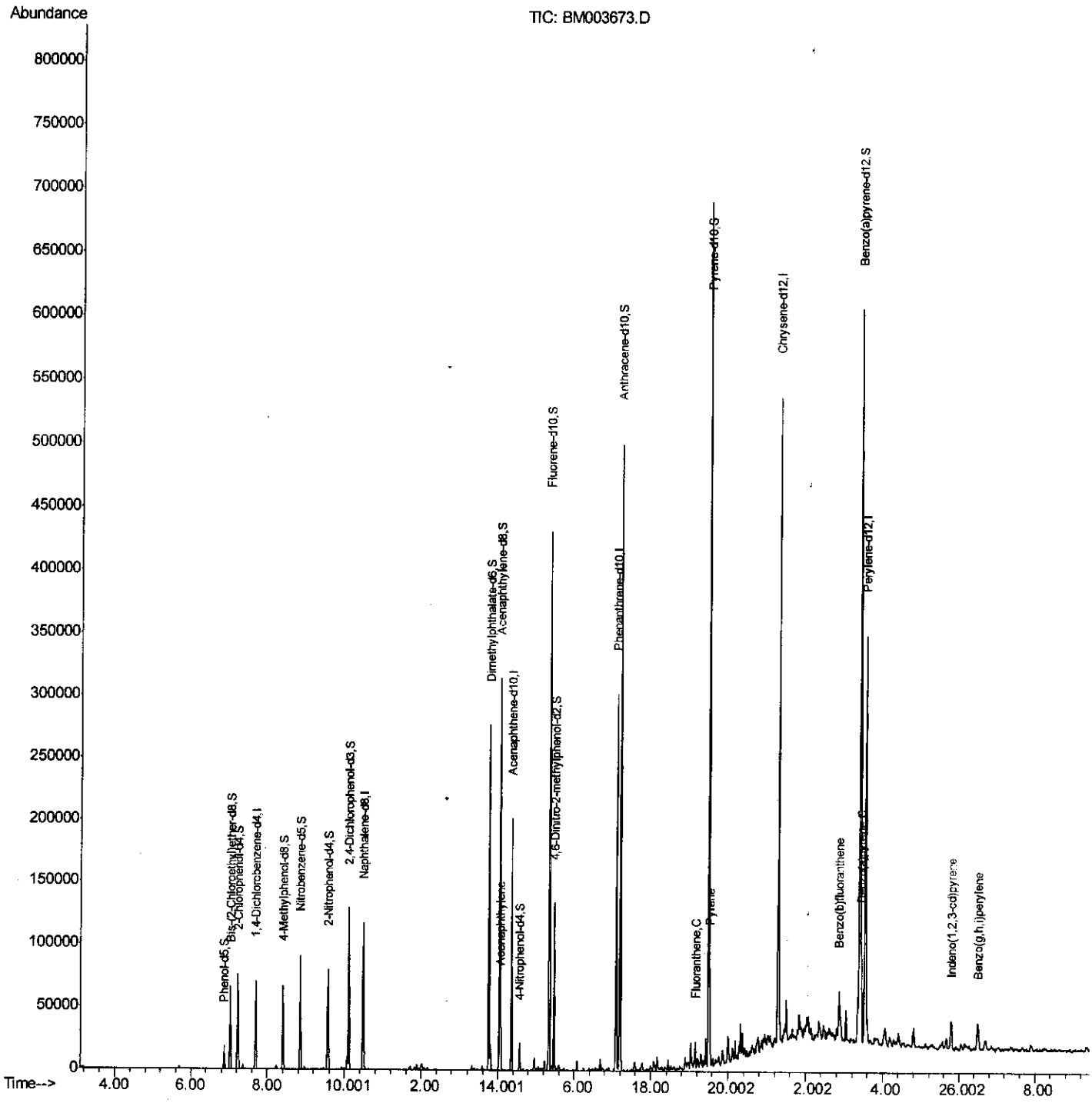
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003673.D
Acq On : 21 Dec 2015 02:25
Operator : UM/SJ
Sample : G4867-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 21 05:10:22 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 :
G9DA5

Manual Integrations APPROVED
apatel
12/22/2015 12:19:58 PM



Quantitation Report (Qedit)

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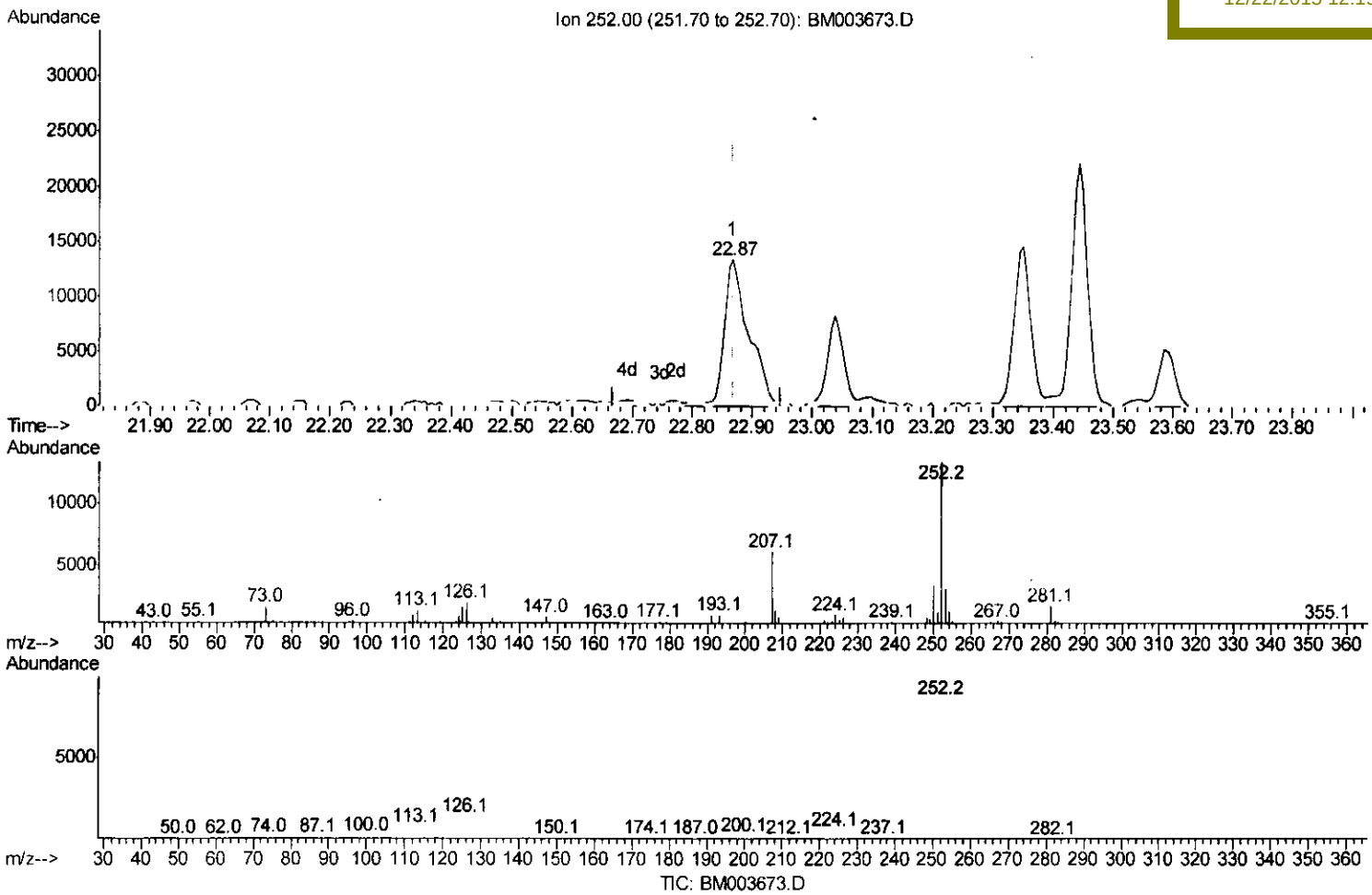
apatel
12/22/2015 12:19:58 PM



(88) Benzo(b)fluoranthene

22.868min (-0.000) 2.64ng/ul

response 35758

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.95
125.00	10.60	12.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
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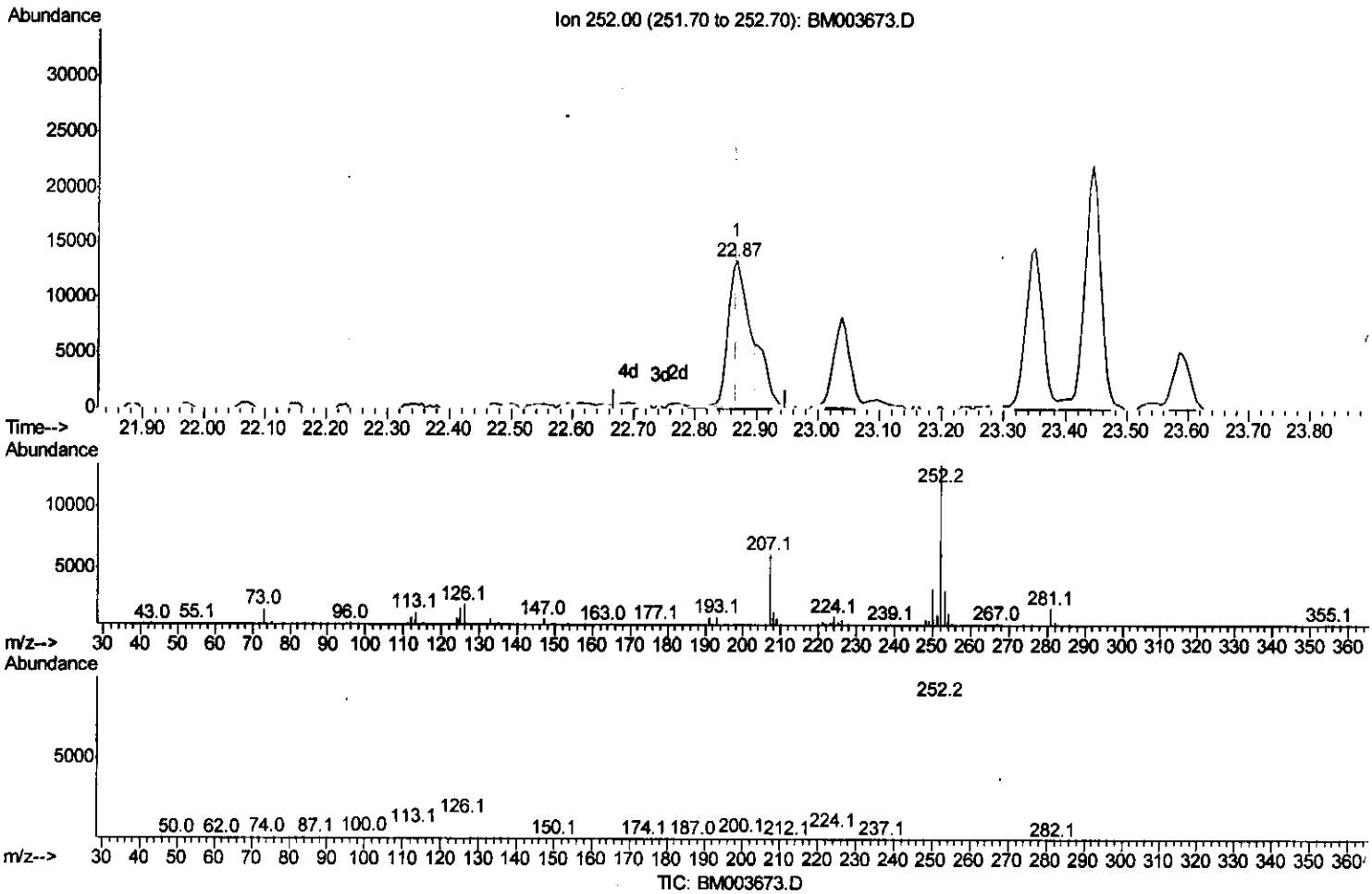
G9DA5

Manual Integrations APPROVED
apatel
12/22/2015 12:19:58 PM



(88) Benzo(b)fluoranthene

22.868min (-0.000) 2.17ng/ul m U, M 12/22/15

response 29414

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.95
125.00	10.60	12.15
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003673.D
Acq On : 21 Dec 2015 02:25
Operator : JM/SJ
Sample : G4867-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9DA5

Manual Integrations APPROVED
apatel
12/22/2015 12:19:58 PM

Quant Time: Dec 21 05:10:22 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	20647	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	103212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	67538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	170302	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	229881	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	224969	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	270	0.70	ng/uL	0.00
5) Phenol-d5	6.87	99	12558	7.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	29075	31.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	38673	27.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	27171	18.03	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	24552	32.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	27897	33.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	50376	32.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	640	0.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	190720	34.17	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	224849	35.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	6979	6.42	ng/ul	0.00
58) Fluorene-d10	15.34	176	167957	36.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	29330	30.56	ng/ul	0.00
71) Anthracene-d10	17.20	188	281265	36.30	ng/ul	0.00
79) Pyrene-d10	19.50	212	343565	34.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	401841	35.96	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.07	152	30504	4.39	ng/ul	99
77) Fluoranthene	19.16	202	12317	1.14	ng/ul	98
80) Pyrene	19.53	202	37873	2.86	ng/ul	99
88) Benzo(b)fluoranthene	22.87	252	29414m	2.17	ng/ul	
91) Benzo(a)pyrene	23.44	252	40796	3.14	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	23812	1.71	ng/ul	97
94) Benzo(g,h,i)perylene	26.50	276	27451	2.39	ng/ul	99

JM 12/22/15

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