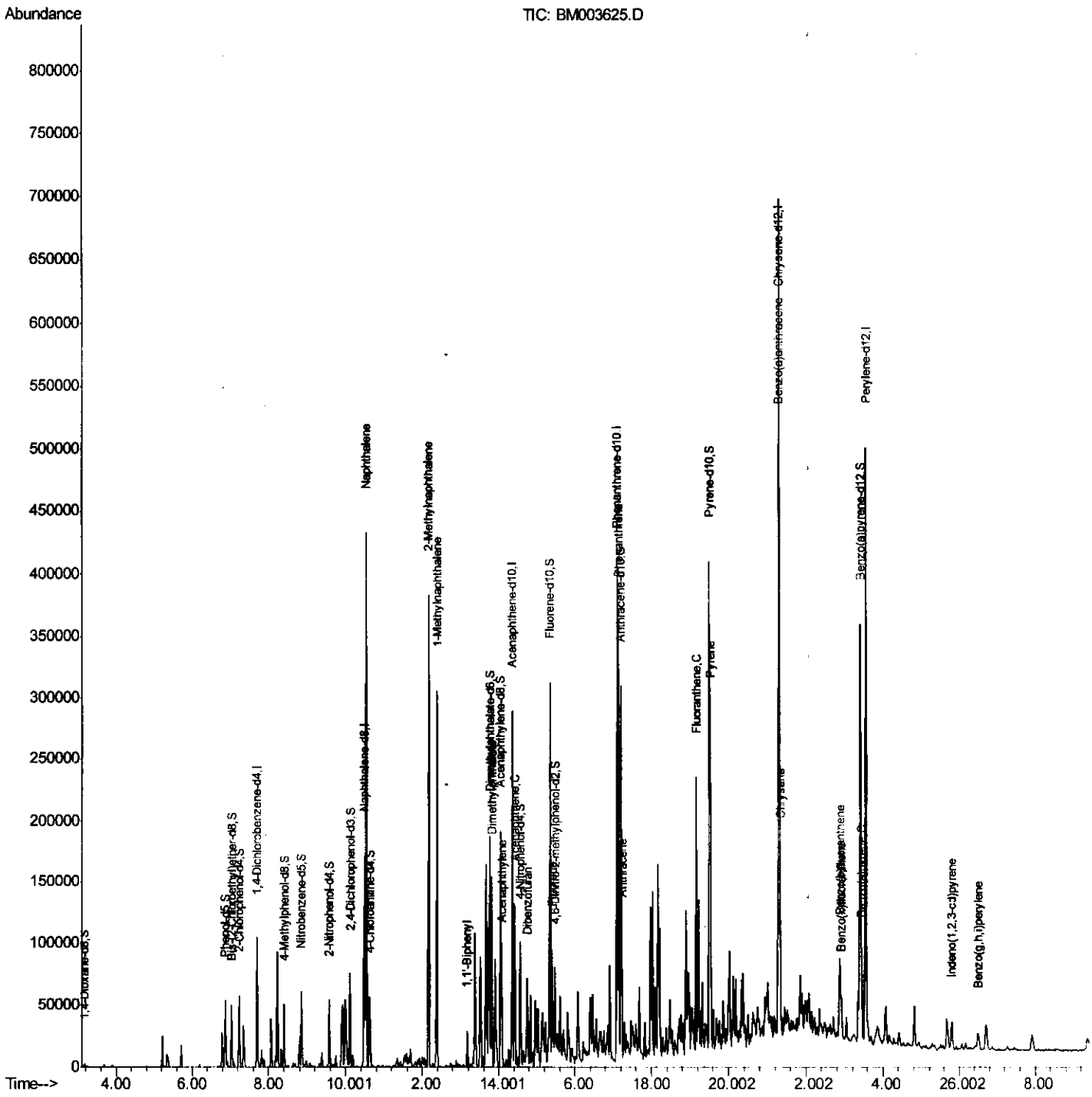
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003625.D
Acq On : 19 Dec 2015 18:20
Operator : UM/SJ
Sample : G4801-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 20 02:17:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
G9C66

Manual Integrations APPROVED
apatel
12/22/2015 11:57:19 AM



Quantitation Report (Qedit)

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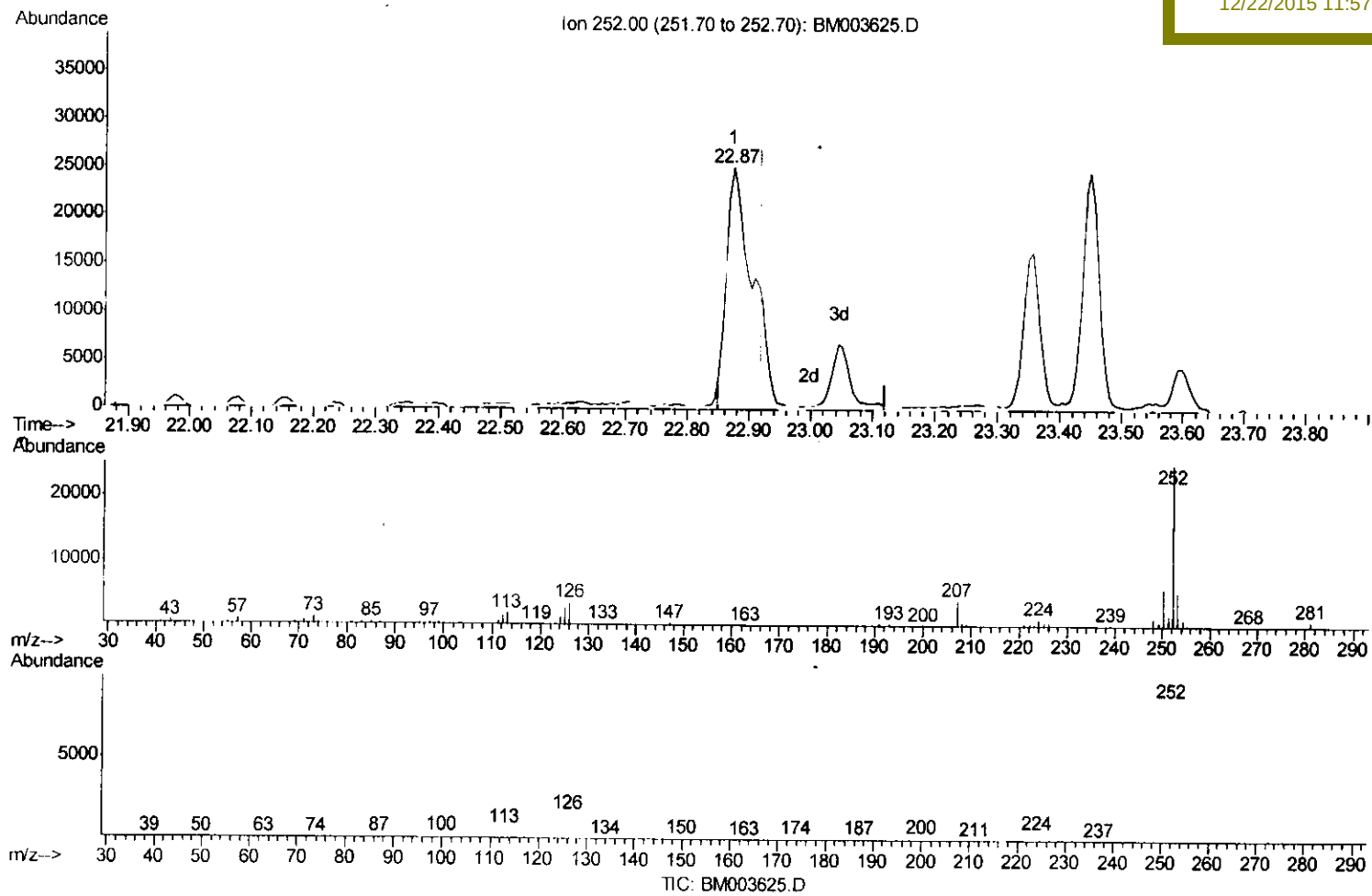
12/22/2015 11:57:19 AM



TIC: BM003625.D

(89) Benzo(k)fluoranthene

22.874min (-0.047) 0.84ng/ul

response 15910

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.51
125.00	10.20	11.71
0.00	0.00	0.00

Quantitation Report (Qedit)

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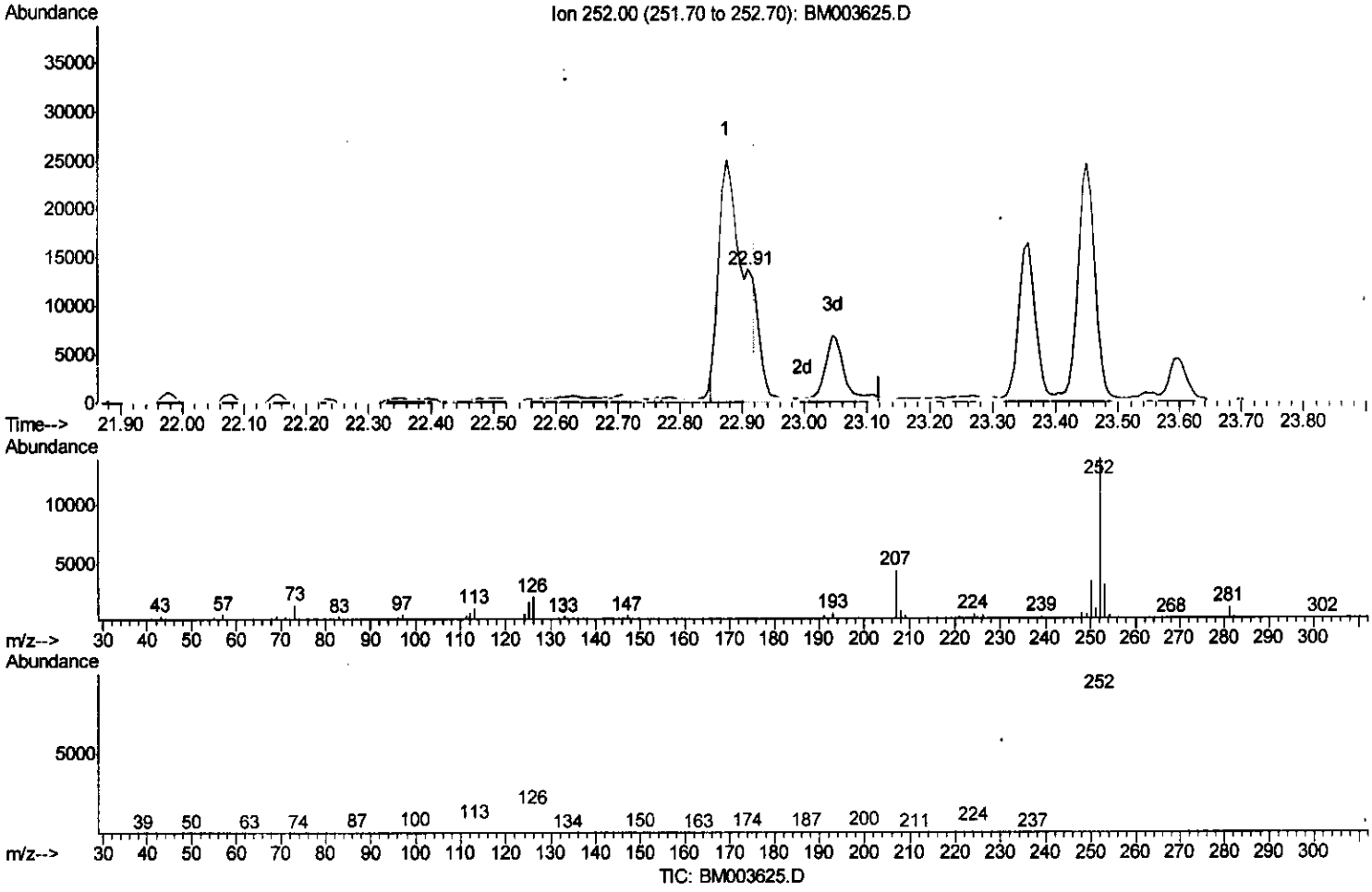
Manual Integrations APPROVED
apatel
12/22/2015 11:57:19 AM



TIC: BM003625.D

(89) Benzo(k)fluoranthene

22.909min (-0.012) 1.02ng/ul m U.M 12/22/15

response 19348

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.11
125.00	10.20	12.94#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : UM/SJ
Sample : G4801-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 20 02:17:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : G9C66

Manual Integrations APPROVED
apatel
12/22/2015 11:57:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	29881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	147335	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	94761	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	227563	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	298270	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	330884	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	1452	2.62	ng/uL	0.00
5) Phenol-d5	6.87	99	33010	13.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	21981	16.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	29875	14.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	20938	9.60	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	17091	15.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	18442	15.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	29509	13.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	35415	12.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	127296	16.25	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	134578	15.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	18498	12.13	ng/ul	0.00
58) Fluorene-d10	15.34	176	105945	16.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	16235	12.66	ng/ul	0.00
71) Anthracene-d10	17.20	188	160076	15.46	ng/ul	0.00
79) Pyrene-d10	19.50	212	182442	14.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	229015	13.93	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.54	128	363686	47.91	ng/ul	100
34) 2-Methylnaphthalene	12.16	142	182739	32.24	ng/ul	99
35) 1-Methylnaphthalene	12.38	142	144472	26.83	ng/ul	97
41) 1,1'-Biphenyl	13.18	154	13259	1.72	ng/ul	100
45) Dimethylphthalate	13.81	163	97364	12.15	ng/ul	100
48) Acenaphthylene	14.07	152	23617	2.42	ng/ul#	88
50) Acenaphthene	14.42	153	54011	8.29	ng/ul	98
54) Dibenzofuran	14.75	168	9974	1.07	ng/ul	88
59) Fluorene	15.40	166	42787	5.74	ng/ul	98
70) Phenanthrene	17.14	178	213492	16.96	ng/ul	99
72) Anthracene	17.23	178	56429	4.40	ng/ul	99
77) Fluoranthene	19.16	202	114015	7.88	ng/ul	98
80) Pyrene	19.53	202	158159	9.21	ng/ul	98
83) Benzo(a)anthracene	21.29	228	67320	3.74	ng/ul	92
85) Chrysene	21.34	228	76027	4.38	ng/ul	97
88) Benzo(b)fluoranthene	22.87	252	55736	2.79	ng/ul	98
89) Benzo(k)fluoranthene	22.91	252	19348m	1.02	ng/ul	
91) Benzo(a)pyrene	23.45	252	44917	2.35	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.80	276	22386	1.09	ng/ul	94
94) Benzo(g,h,i)perylene	26.50	276	18098	1.07	ng/ul	98

U.M 12/22/15

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