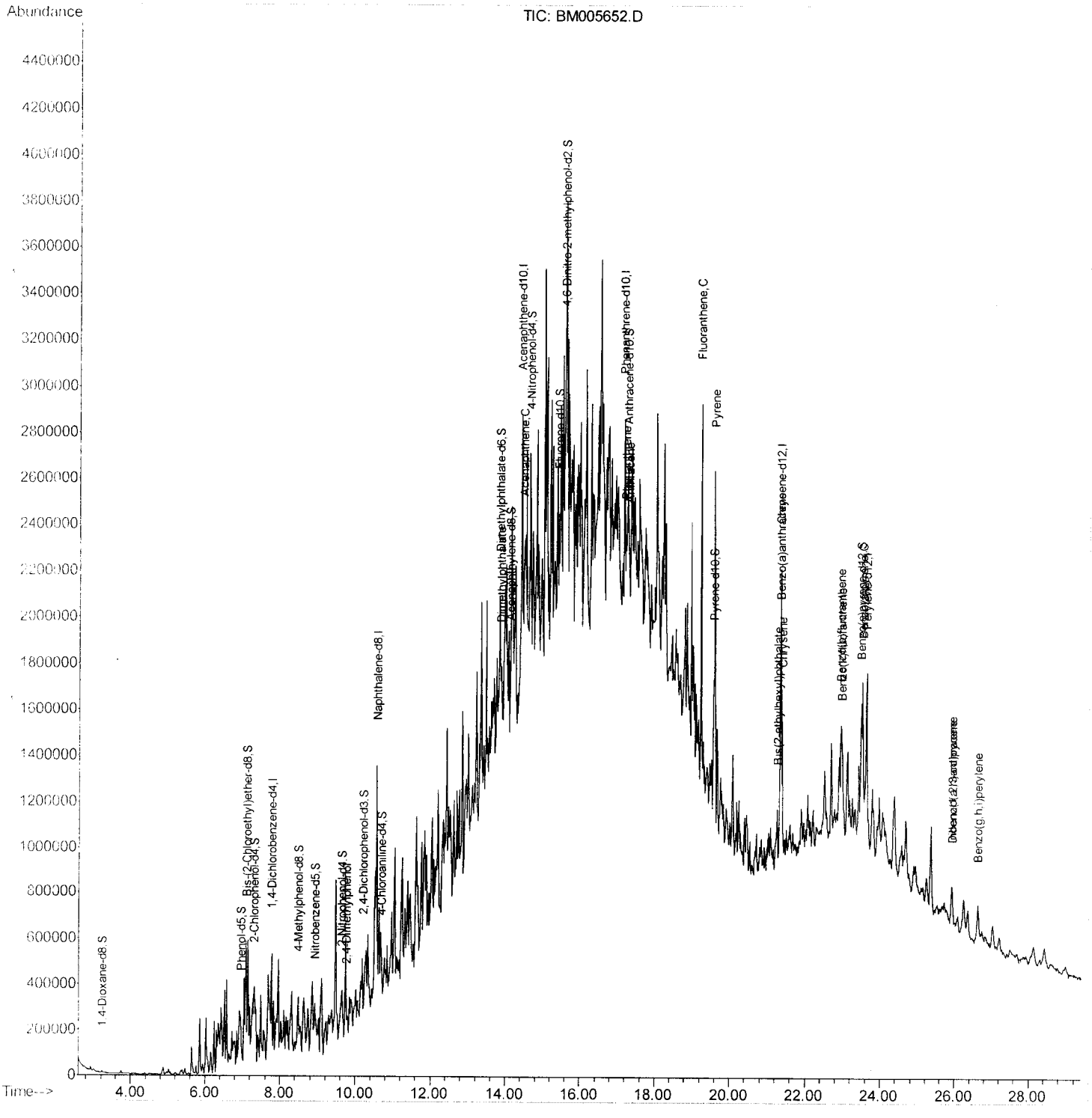
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 27 19:16:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 25 19:26:23 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHGL1DL

Manual Integrations APPROVED
umangi
5/27/2016 7:49:09 PM



Quantitation Report (Qedit)

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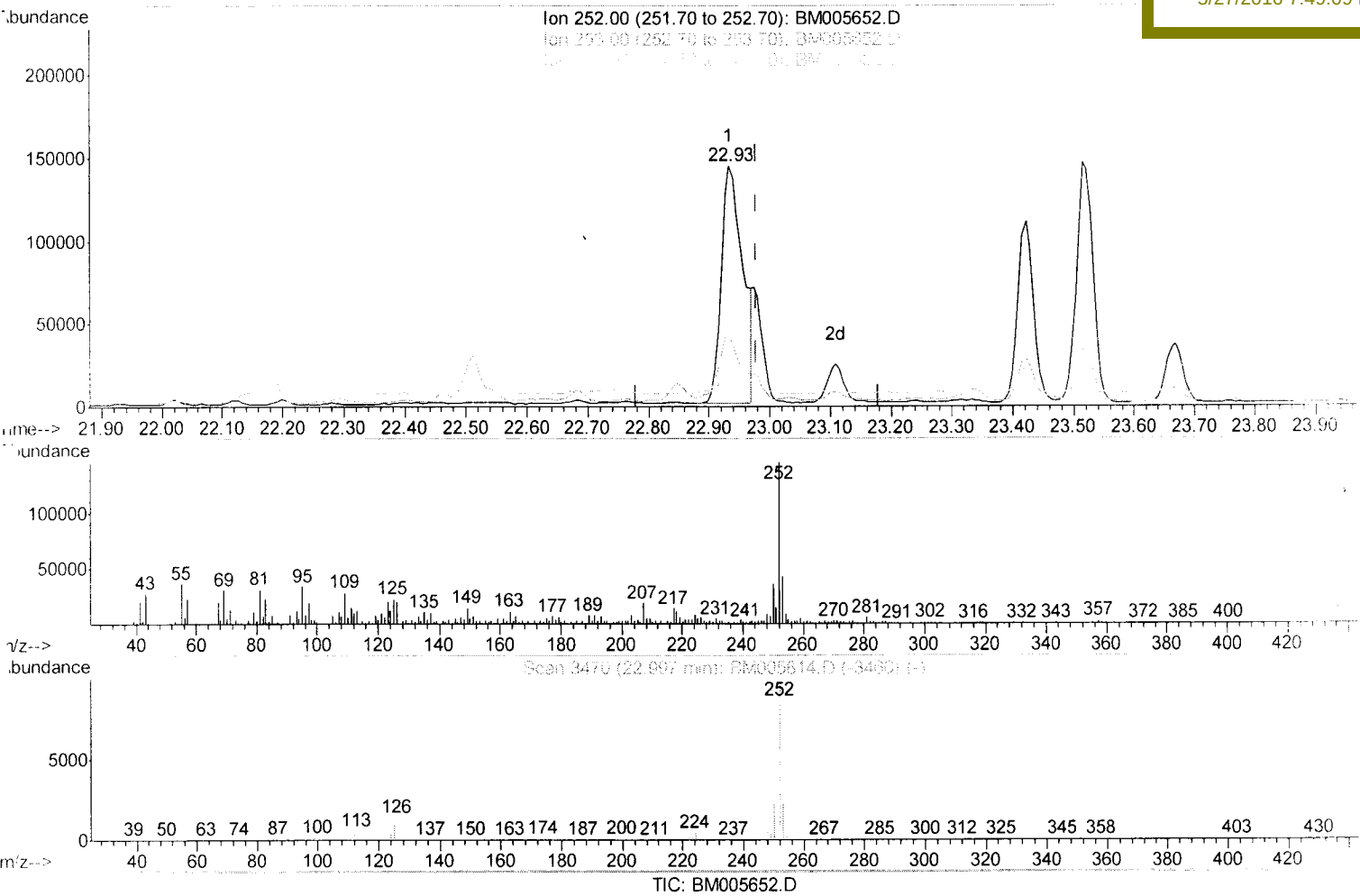

(86) Benzo(k)fluoranthene

22.933min (-0.047) 11.87ng/ul

response 350670

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	29.42#
125.00	8.80	15.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

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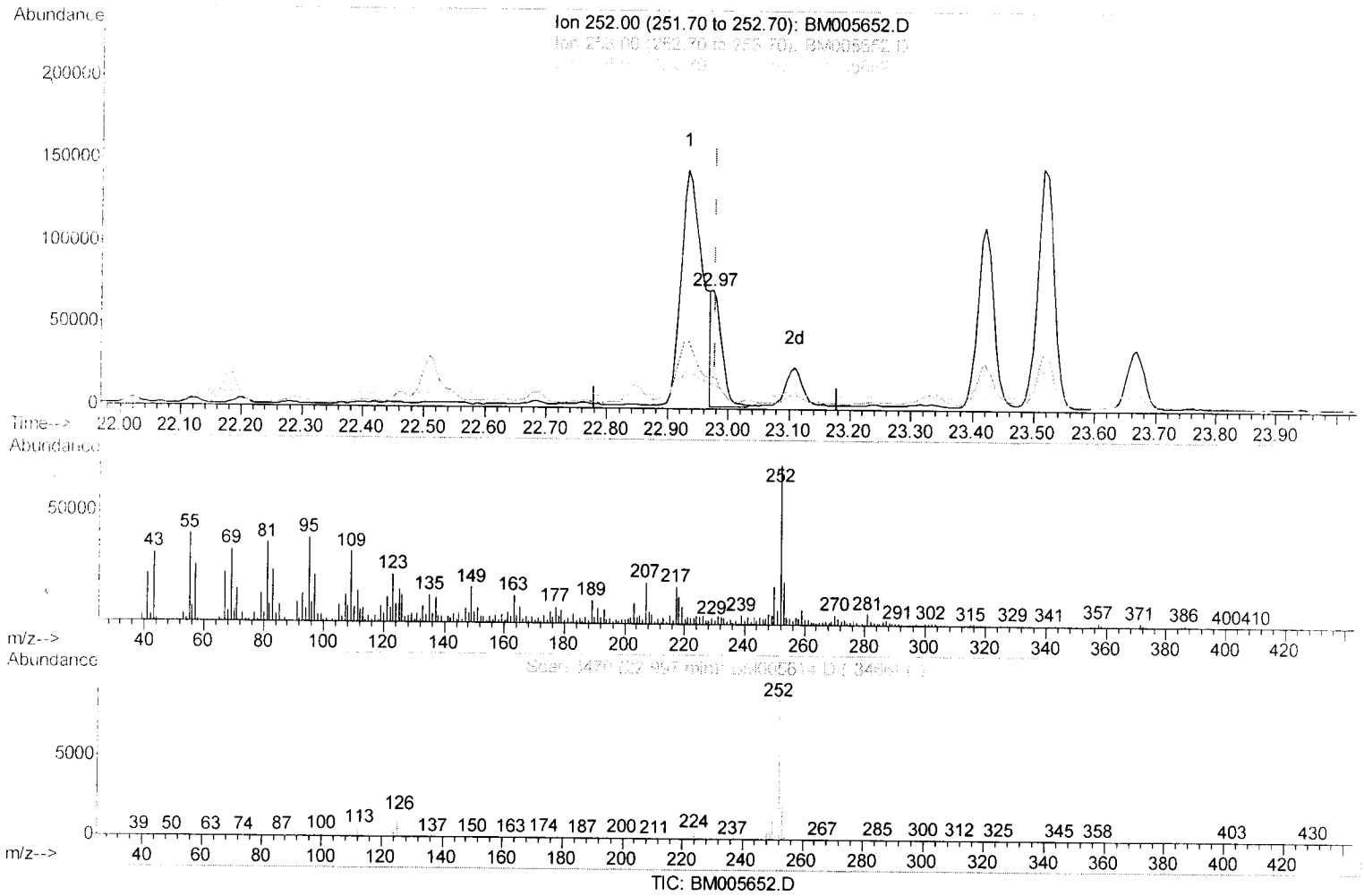
Manual Integrations APPROVED
umangi
5/27/2016 7:49:09 PM



TIC: BM005652.D

(86) Benzo(k)fluoranthene

22.974min (-0.006) 2.84ng/ul m

response 83737

U. M 05/30/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	26.78#
125.00	8.80	20.76#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGL1DL

Manual Integrations APPROVED
umangi
5/27/2016 7:49:09 PM

Quant Time: May 27 19:16:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 25 19:26:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	119701	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	467925	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.42	164	219047	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	443991	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	521139	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	528977	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4167	1.52	ng/uL	0.00
5) Phenol-d5	6.95	99	91120	9.29	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.10	67	85397	15.02	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.30	132	72530	8.86	ng/ul	-0.02
13) 4-Methylphenol-d8	8.48	113	66705	8.30	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	31722	8.87	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.65	143	28740	7.30	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.19	165	64140	8.65	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.70	131	45450	6.12	ng/ul	-0.01
43) Dimethylphthalate-d6	13.82	166	164183	9.18	ng/ul	-0.01
46) Acenaphthylene-d8	14.11	160	229659	10.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	36079	10.67	ng/ul	-0.01
57) Fluorene-d10	15.41	176	153752	9.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	13813	5.41	ng/ul	0.02
70) Anthracene-d10	17.26	188	215791	10.20	ng/ul	0.00
76) Pyrene-d10	19.56	212	244538	10.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	229521	9.29	ng/ul	0.00
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.77	107	15721	1.80	ng/ul	87
44) Dimethylphthalate	13.87	163	58887	3.33	ng/ul#	77
49) Acenaphthene	14.48	153	174265	11.64	ng/ul	97
69) Phenanthrene	17.20	178	144166	5.81	ng/ul#	79
71) Anthracene	17.30	178	164524	6.51	ng/ul#	88
74) Fluoranthene	19.22	202	988785	35.40	ng/ul#	95
77) Pyrene	19.59	202	970560	32.40	ng/ul	98
80) Benzo(a)anthracene	21.33	228	290915	9.50	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.25	149	55433	3.11	ng/ul#	95
82) Chrysene	21.38	228	351946	12.08	ng/ul#	93
85) Benzo(b)fluoranthene	22.93	252	350670	11.24	ng/ul#	83
86) Benzo(k)fluoranthene	22.97	252	83737m	2.84	ng/ul	
88) Benzo(a)pyrene	23.52	252	273632	9.04	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.92	276	160371	4.46	ng/ul	98
90) Dibenzo(a,h)anthracene	25.92	278	36922	1.23	ng/ul#	63
91) Benzo(g,h,i)perylene	26.63	276	165617	5.48	ng/ul#	93

U.M 05/30/16

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