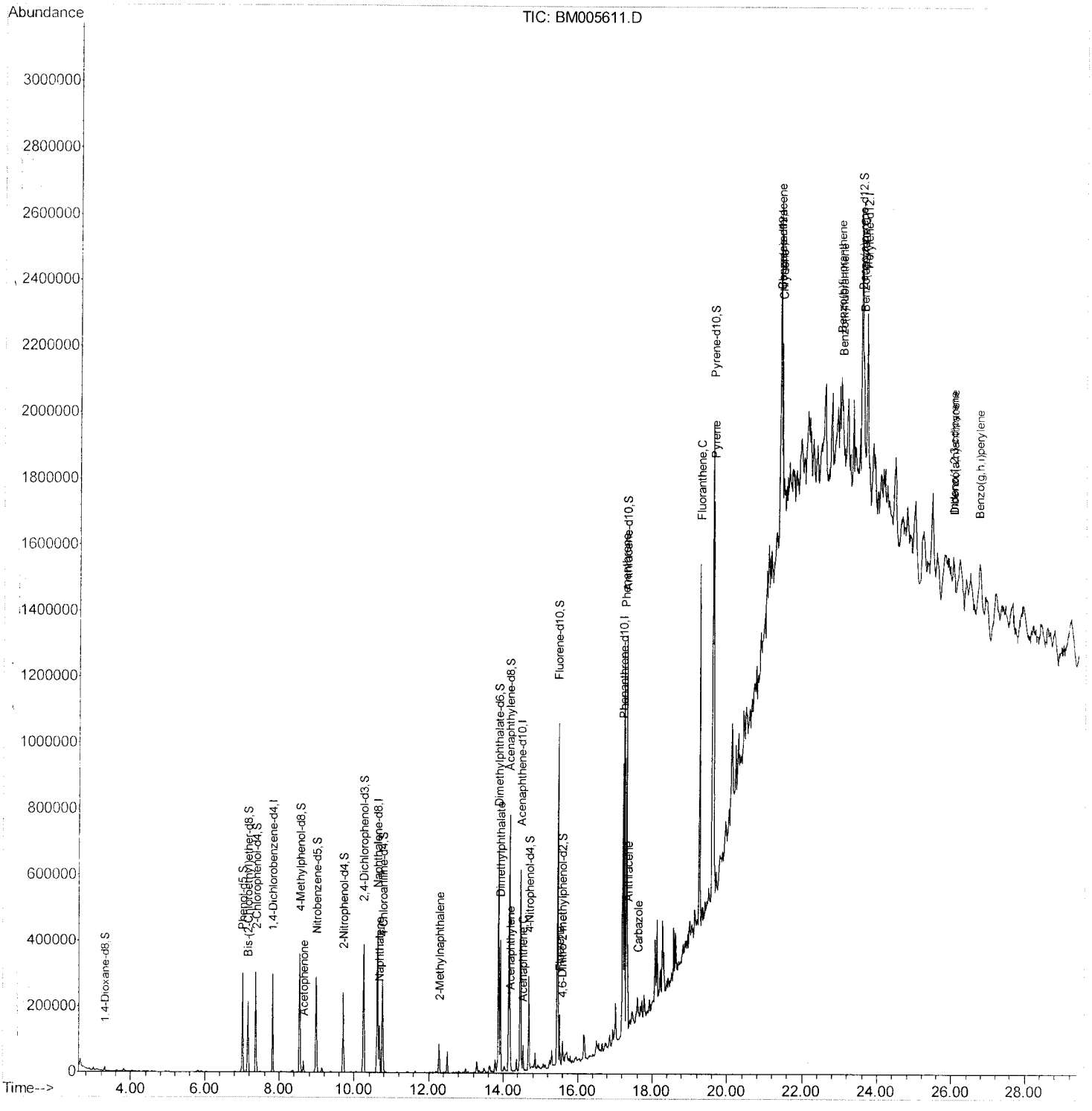
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005611.D
Acq On : 23 May 2016 05:57
Operator : UM/SJ
Sample : H3087-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 23 08:28:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHGK8

Manual Integrations APPROVED
umangi
5/23/2016 8:36:21 PM



Quantitation Report (Qedit)

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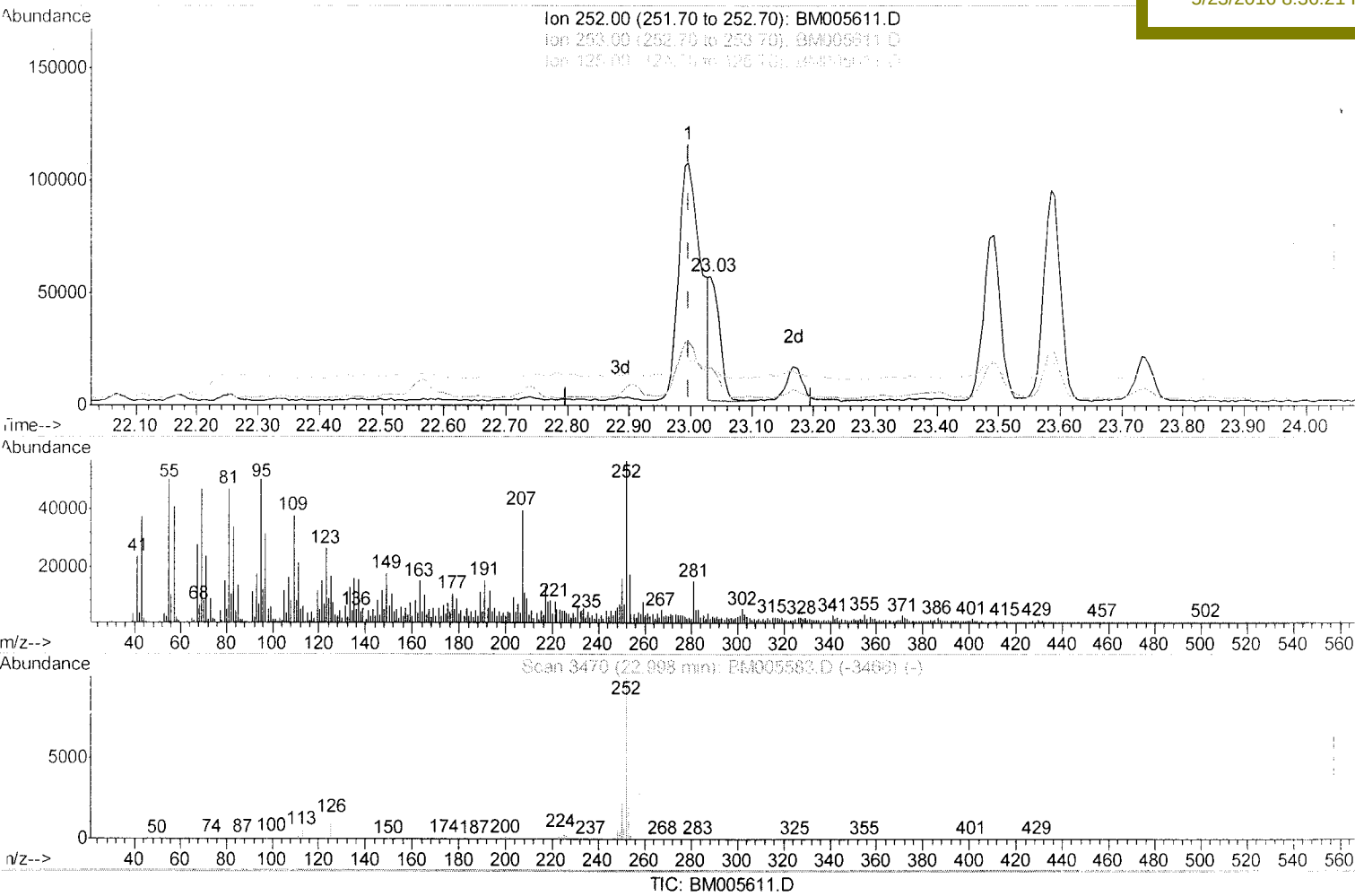

(86) Benzo(k)fluoranthene

23.033min (+0.035) 2.86ng/ul m

response 64584

U.M. 05/25/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	30.29#
125.00	8.80	28.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

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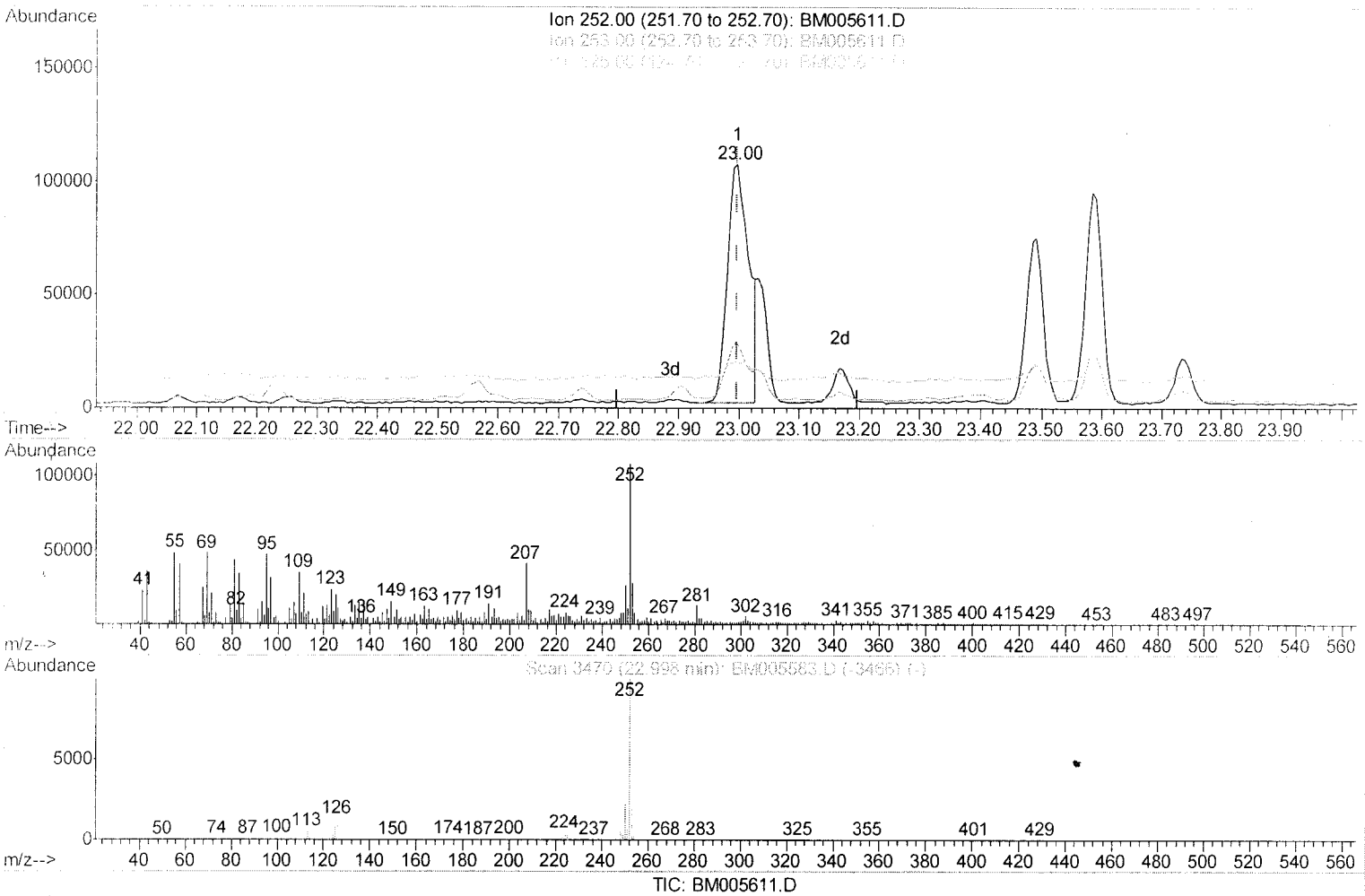
Instrument :
BNA_M
ClientSampleId :
JHGK8

Manual Integrations APPROVED
umangi
5/23/2016 8:36:21 PM



TIC: BM005611.D

(86) Benzo(k)fluoranthene

22.997min (-0.000) 11.57ng/ul

response 261630

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	26.20
125.00	8.80	18.94#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM005611.D
Acq On : 23 May 2016 05:57
Operator : UM/SJ
Sample : H3087-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : JHGK8

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	78949	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	345731	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.47	164	208861	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.21	188	488365	20.00	ng/ul	0.02
75) Chrysene-d12	21.39	240	447366	20.00	ng/ul	0.03
83) Perylene-d12	23.69	264	404975	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	6878	3.82	ng/uL	0.00
5) Phenol-d5	7.01	99	165583	25.59	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.16	67	93472	24.92	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	135695	25.13	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	130227	24.56	ng/ul	0.03
19) Nitrobenzene-d5	8.99	128	70246	26.57	ng/ul	0.02
22) 2-Nitrophenol-d4	9.70	143	74623	25.65	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	141673	25.85	ng/ul	0.03
29) 4-Chloroaniline-d4	10.76	131	146083	26.62	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	454549	26.66	ng/ul	0.02
46) Acenaphthylene-d8	14.16	160	575707	27.01	ng/ul	0.02
51) 4-Nitrophenol-d4	14.69	143	63409	19.66	ng/ul	0.04
57) Fluorene-d10	15.46	176	413060	27.84	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.59	200	15087	5.37	ng/ul	0.03
70) Anthracene-d10	17.31	188	662061	28.46	ng/ul	0.02
76) Pyrene-d10	19.60	212	711136	35.10	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.54	264	535681	28.33	ng/ul	0.04
Target Compounds						Qvalue
14) Acetophenone	8.65	105	20585	2.58	ng/ul	96
28) Naphthalene	10.67	128	117234	6.75	ng/ul	100
34) 2-Methylnaphthalene	12.29	142	41017	3.23	ng/ul	99
44) Dimethylphthalate	13.92	163	242870	14.42	ng/ul	99
47) Acenaphthylene	14.19	152	26933	1.24	ng/ul	94
49) Acenaphthene	14.53	153	31484	2.20	ng/ul	96
58) Fluorene	15.52	166	64780	3.97	ng/ul	100
69) Phenanthrene	17.26	178	735835	26.96	ng/ul	99
71) Anthracene	17.34	178	155438	5.59	ng/ul	99
72) Carbazole	17.62	167	35258	1.46	ng/ul	95
74) Fluoranthene	19.27	202	693944	22.59	ng/ul	97
77) Pyrene	19.63	202	731375	28.44	ng/ul#	95
80) Benzo(a)anthracene	21.37	228	228036	8.67	ng/ul	92
82) Chrysene	21.43	228	290493	11.61	ng/ul	95
85) Benzo(b)fluoranthene	23.00	252	261630	10.95	ng/ul#	85
86) Benzo(k)fluoranthene	23.03	252	64584m	2.86	ng/ul	
88) Benzo(a)pyrene	23.59	252	178603	7.71	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	26.01	276	112443	4.09	ng/ul	96
90) Dibenzo(a,h)anthracene	26.02	278	28103	1.23	ng/ul#	39
91) Benzo(g,h,i)perylene	26.73	276	104878	4.53	ng/ul#	89

U.M. 05/25/16

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