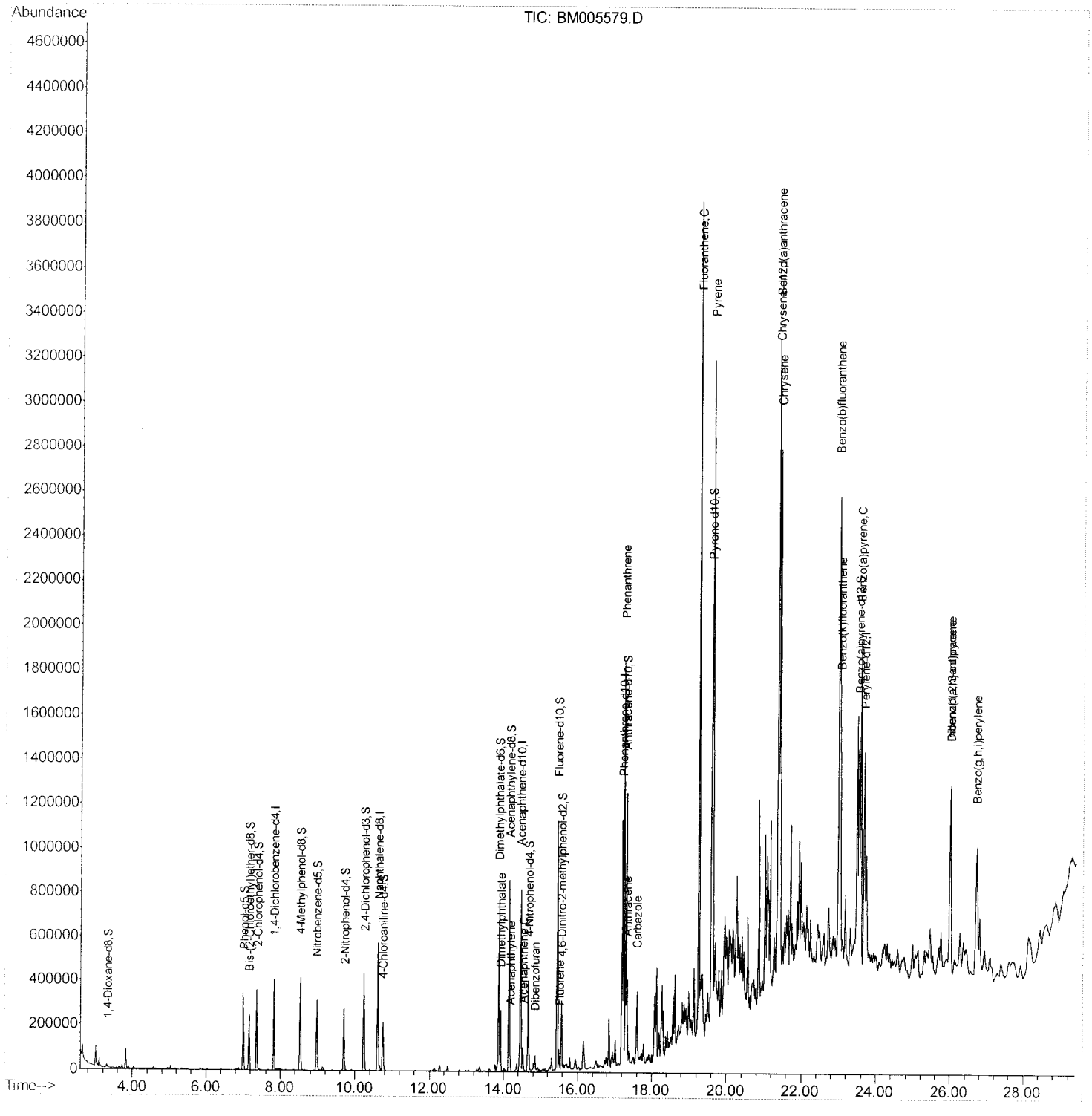
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052116\
Data File : BM005579.D
Acq On : 22 May 2016 08:28
Operator : UM/SJ
Sample : H2890-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 23 08:09:25 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 :
D9WT3

Manual Integrations APPROVED
umangi
5/23/2016 8:33:01 PM



Quantitation Report (Qedit)

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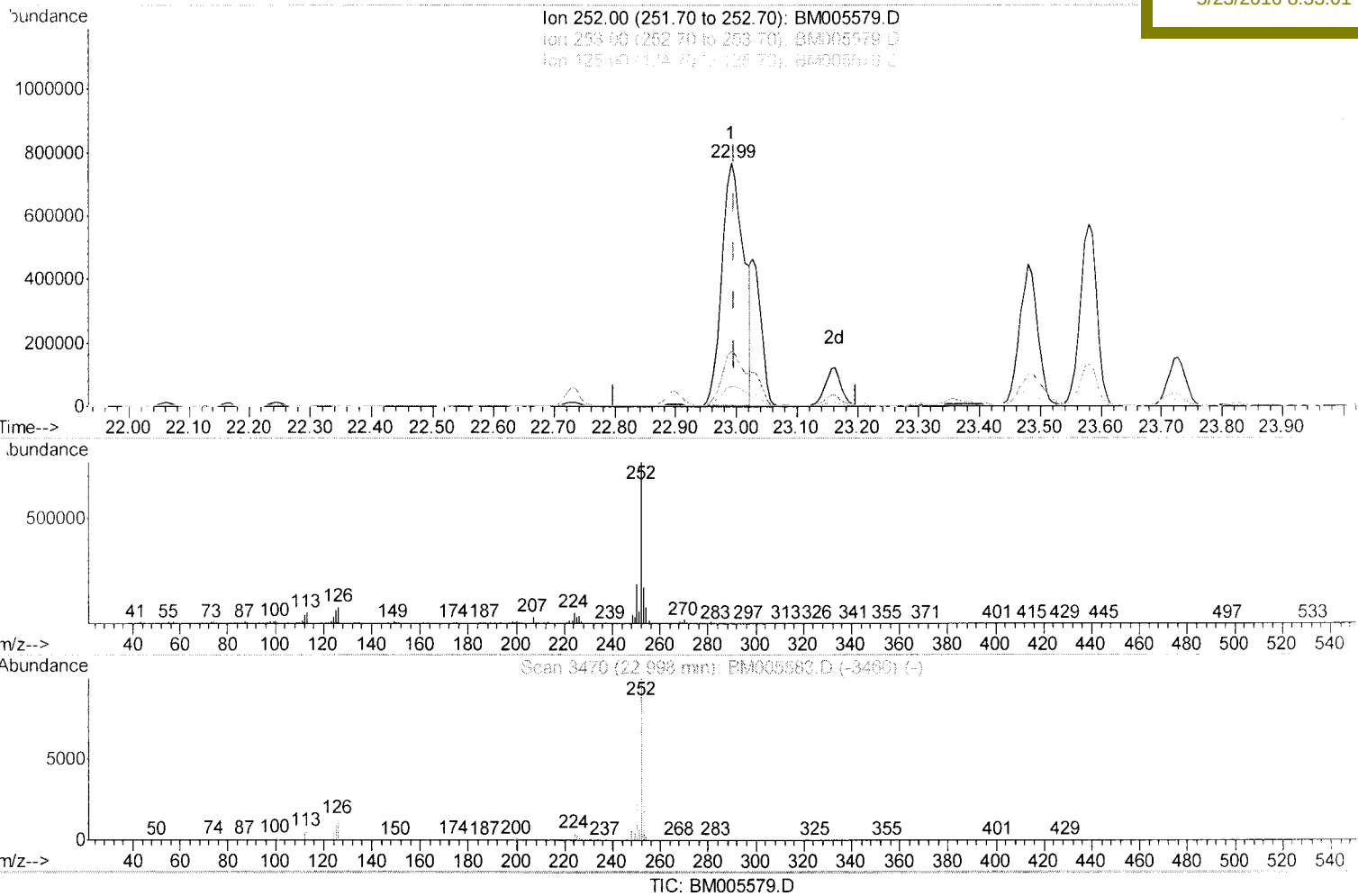

TIC: BM005579.D

(86) Benzo(k)fluoranthene

22.991min (-0.006) 46.01ng/ul

response 1917648

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.77
125.00	8.80	8.57
0.00	0.00	0.00

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umangi
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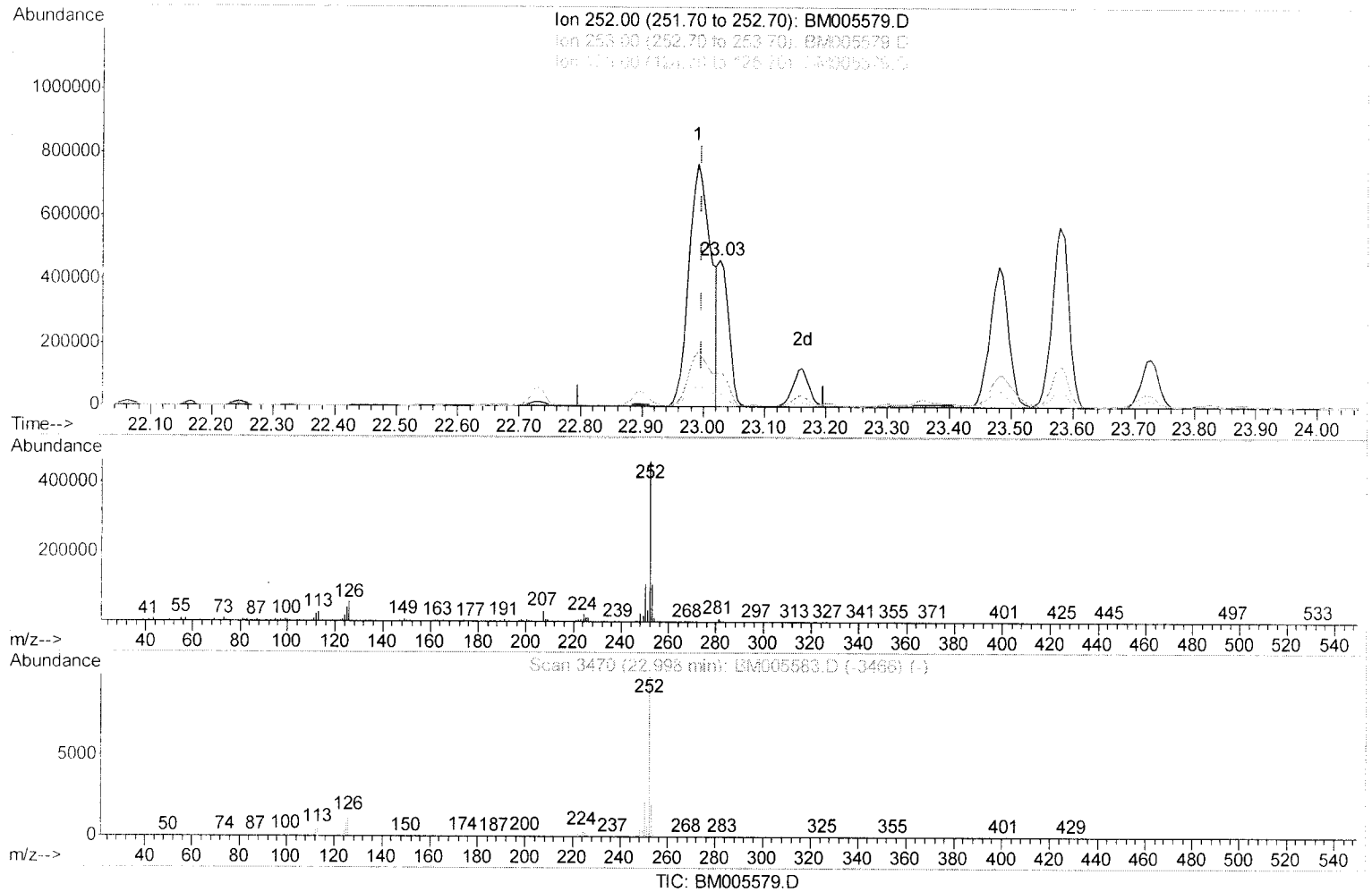

TIC: BM005579.D

(86) Benzo(k)fluoranthene

23.027min (+0.029) 12.94ng/ul m

response 539426

U. M. 05/24/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.42
125.00	8.80	8.96
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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 : D9WT3

Manual Integrations APPROVED
umangi
5/23/2016 8:33:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	111415	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	472012	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	276842	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	643410	20.00	ng/ul	0.02
75) Chrysene-d12	21.39	240	672411	20.00	ng/ul	0.02
83) Perylene-d12	23.68	264	746484	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8694	3.42	ng/uL	0.02
5) Phenol-d5	7.00	99	199413	21.84	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	106932	20.20	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	160196	21.03	ng/ul	0.02
13) 4-Methylphenol-d8	8.53	113	154216	20.61	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	76951	21.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	89262	22.47	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.24	165	163759	21.89	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	124141	16.57	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	499205	22.09	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	624280	22.10	ng/ul	0.01
51) 4-Nitrophenol-d4	14.67	143	96089	22.48	ng/ul	0.02
57) Fluorene-d10	15.45	176	439117	22.33	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	64324	17.38	ng/ul	0.01
70) Anthracene-d10	17.30	188	664236	21.67	ng/ul	0.01
76) Pyrene-d10	19.60	212	729129	23.94	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	764029	21.92	ng/ul	0.04
Target Compounds						Qvalue
44) Dimethylphthalate	13.92	163	169744	7.60	ng/ul	100
47) Acenaphthylene	14.18	152	34927	1.22	ng/ul	97
49) Acenaphthene	14.52	153	43024	2.27	ng/ul	99
53) Dibenzofuran	14.86	168	33979	1.26	ng/ul	100
58) Fluorene	15.50	166	33048	1.53	ng/ul	96
69) Phenanthrene	17.24	178	1101526	30.63	ng/ul	99
71) Anthracene	17.33	178	220979	6.03	ng/ul	99
72) Carbazole	17.60	167	196372	6.17	ng/ul	98
74) Fluoranthene	19.26	202	2310498	57.08	ng/ul	98
77) Pyrene	19.63	202	1900627	49.17	ng/ul	97
80) Benzo(a)anthracene	21.37	228	1263849	31.98	ng/ul	96
82) Chrysene	21.42	228	1327647	35.31	ng/ul	96
85) Benzo(b)fluoranthene	22.99	252	1917648	43.55	ng/ul	98
86) Benzo(k)fluoranthene	23.03	252	539426m	12.94	ng/ul	
88) Benzo(a)pyrene	23.58	252	1086864	25.45	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.00	276	855304	16.86	ng/ul	97
90) Dibenzo(a,h)anthracene	26.00	278	257766	6.10	ng/ul#	91
91) Benzo(g,h,i)perylene	26.72	276	751767	17.63	ng/ul	98

U.M. 05/24/16

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