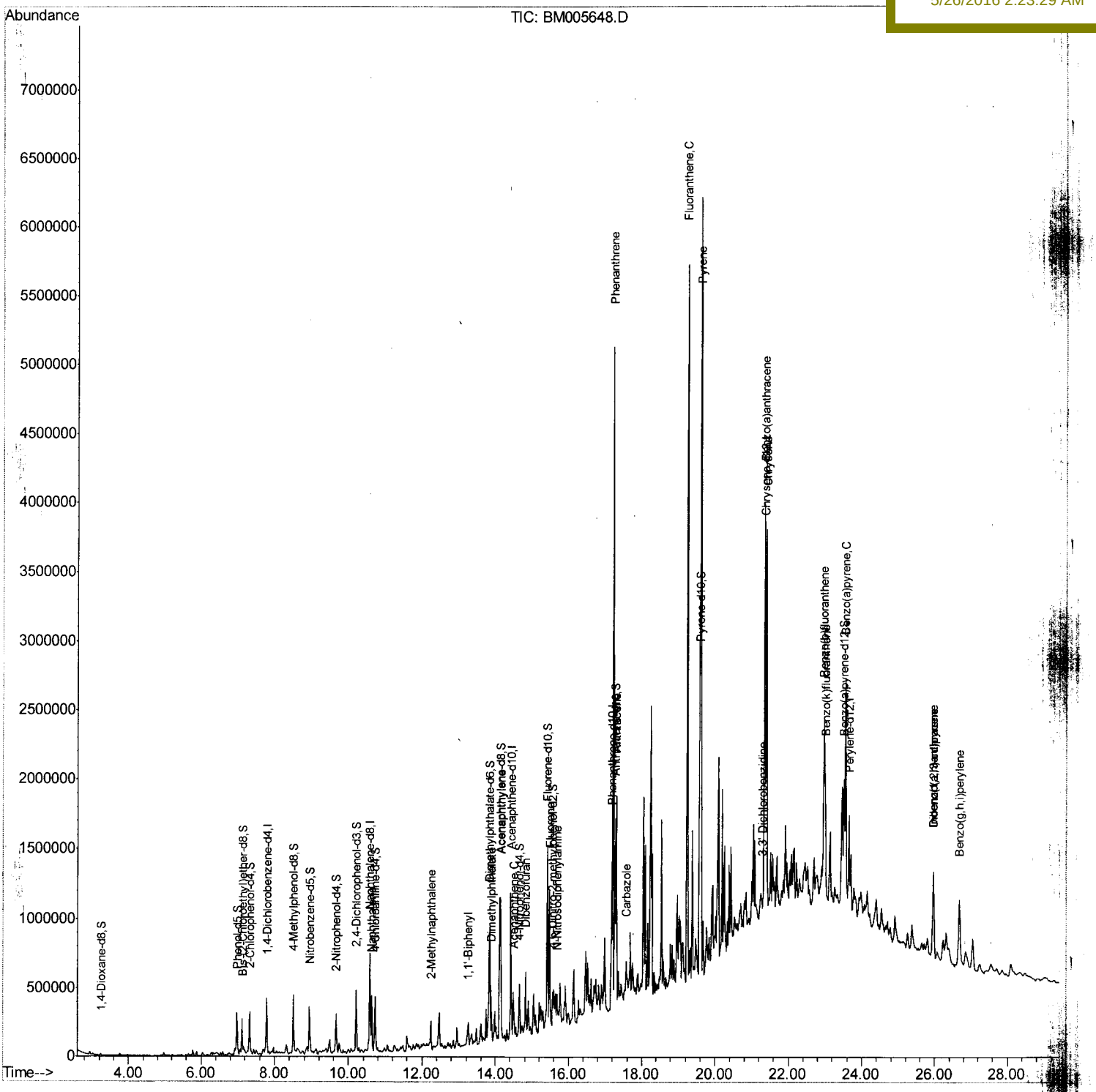
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052516\
Data File : BM005648.D
Acq On : 25 May 2016 21:51
Operator : UM/SJ
Sample : H3086-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 26 00:58:44 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 :
JHGL2

Manual Integrations APPROVED
sohil
5/26/2016 2:23:29 AM



Quantitation Report (Qedit)

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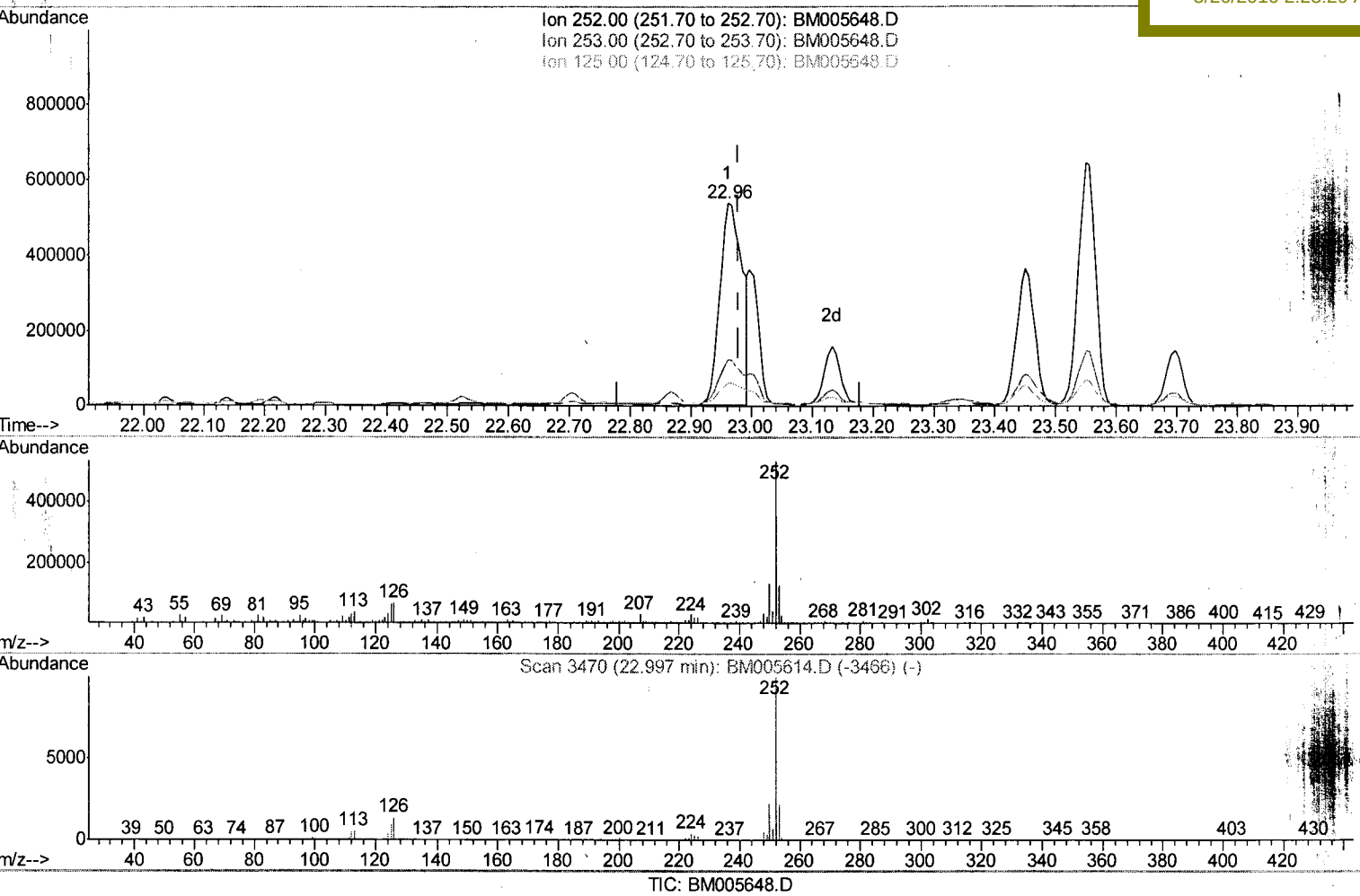

TIC: BM005648.D

(86) Benzo(k)fluoranthene

22.962min (-0.018) 43.47ng/ul

response 1372199

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.50
125.00	8.80	11.39#
0.00	0.00	0.00

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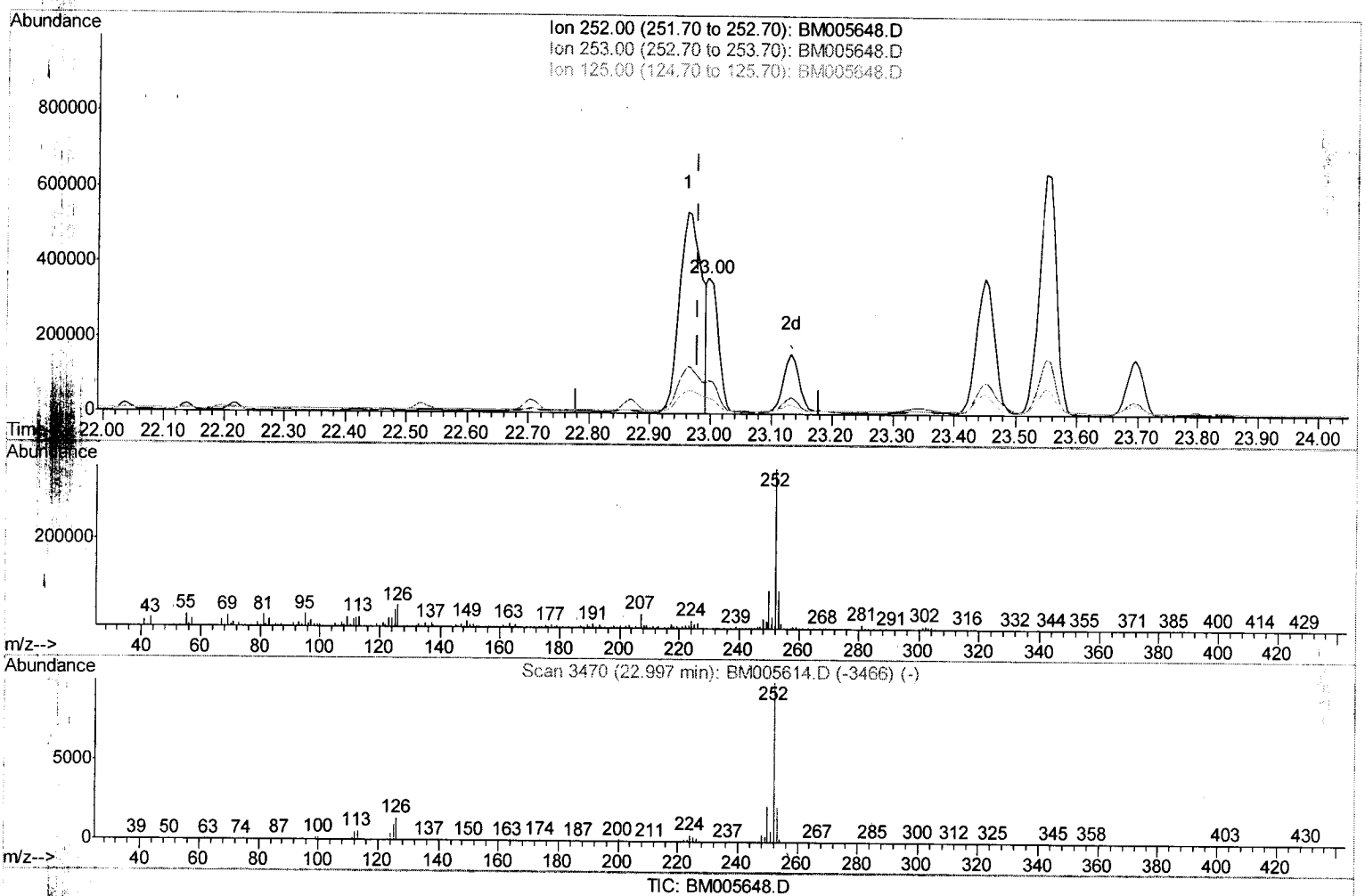

(86) Benzo(k)fluoranthene

22.997min (+0.017) 14.20ng/ul m

response 448161

U.M 05/31/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.10
125.00	8.80	11.24#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	114015	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	578234	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	346157	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	753899	20.00	ng/ul	0.01
75) Chrysene-d12	21.37	240	633209	20.00	ng/ul	0.02
83) Perylene-d12	23.64	264	565370	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	5905	2.27	ng/uL	0.00
5) Phenol-d5	6.97	99	191247	20.46	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	105523	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	149397	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	172335	22.50	ng/ul	0.01
19) Nitrobenzene-d5	8.95	128	82458	18.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	93513	19.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	178135	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	214541	23.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	564988	19.99	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	731959	20.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	83997	15.72	ng/ul	0.01
57) Fluorene-d10	15.42	176	511815	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	40363	9.31	ng/ul	0.01
70) Anthracene-d10	17.28	188	775530	21.60	ng/ul	0.01
76) Pyrene-d10	19.57	212	794725	27.71	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.50	264	581729	22.04	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.63	128	319176	10.99	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	101699	4.78	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	71262	2.45	ng/ul	97
44) Dimethylphthalate	13.88	163	157946	5.66	ng/ul	99
47) Acenaphthylene	14.15	152	579916	16.16	ng/ul	97
49) Acenaphthene	14.49	153	134211	5.67	ng/ul	99
53) Dibenzofuran	14.83	168	193001	5.71	ng/ul	99
58) Fluorene	15.48	166	433721	16.04	ng/ul	100
64) N-Nitrosodiphenylamine	15.69	169	31643	1.38	ng/ul	95
69) Phenanthrene	17.23	178	3357752	79.69	ng/ul	98
71) Anthracene	17.31	178	954058	22.22	ng/ul	100
72) Carbazole	17.58	167	107470	2.88	ng/ul	92
74) Fluoranthene	19.25	202	4113417	86.73	ng/ul	100
77) Pyrene	19.62	202	4343108	119.31	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.28	252	12919	1.13	ng/ul#	91
80) Benzo(a)anthracene	21.35	228	1511033	40.60	ng/ul#	87
82) Chrysene	21.40	228	1615847	45.63	ng/ul	95
85) Benzo(b)fluoranthene	22.96	252	1372199	41.15	ng/ul#	95
86) Benzo(k)fluoranthene	23.00	252	448161m	14.20	ng/ul	
88) Benzo(a)pyrene	23.55	252	1260759	38.98	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.96	276	644026	16.76	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	153767	4.81	ng/ul#	85
91) Benzo(g,h,i)perylene	26.68	276	626505	19.40	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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