Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005598.D
Acq On : 22 May 2016 22:04
Operator : UM/SJ
Sample : H3087-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 24 14:00:13 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 :
JHGK9

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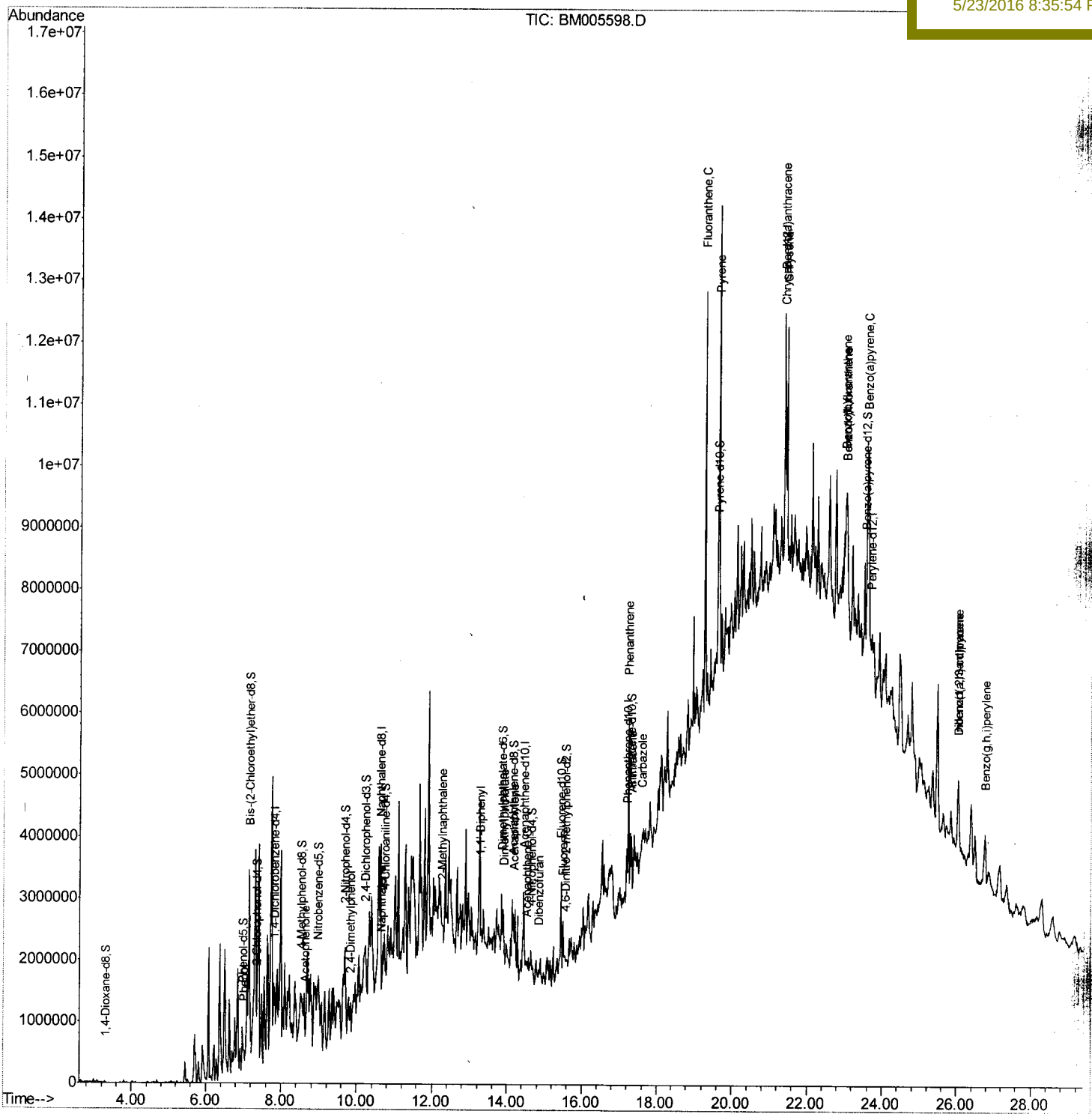

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	152699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	589396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	357304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	531825	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	475531	20.00	ng/ul	0.03
83) Perylene-d12	23.70	264	444353	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	12439	3.57	ng/uL	0.00
5) Phenol-d5	6.98	99	295538	23.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	242194	33.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	232216	22.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	233588	22.77	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	113963	25.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	117987	23.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	251129	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	180152	19.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	651192	22.33	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	900764	24.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	115652	20.96	ng/ul	0.00
57) Fluorene-d10	15.44	176	619409	24.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	36567	11.95	ng/ul	0.00
70) Anthracene-d10	17.29	188	644742	25.45	ng/ul	0.00
76) Pyrene-d10	19.60	212	607915	28.23	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.55	264	509644	24.56	ng/ul	0.05
Target Compounds						Qvalue
6) Phenol	7.01	94	13214	1.02	ng/ul#	71
14) Acetophenone	8.63	105	31347	2.03	ng/ul#	63
24) 2,4-Dimethylphenol	9.82	107	67118	6.09	ng/ul#	71
28) Naphthalene	10.66	128	178959	6.04	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	49539	2.29	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	33832	1.13	ng/ul#	75
44) Dimethylphthalate	13.90	163	316159	10.97	ng/ul#	94
47) Acenaphthylene	14.17	152	655357	17.69	ng/ul	95
49) Acenaphthene	14.52	153	70486	2.89	ng/ul#	93
53) Dibenzofuran	14.84	168	72315	2.07	ng/ul#	74
58) Fluorene	15.50	166	229881	8.23	ng/ul#	94
69) Phenanthrene	17.24	178	2074362	69.79	ng/ul	98
71) Anthracene	17.33	178	603013	19.91	ng/ul	96
72) Carbazole	17.60	167	91657	3.49	ng/ul#	50
74) Fluoranthene	19.27	202	5012840	149.83	ng/ul	96
77) Pyrene	19.64	202	5708575	208.82	ng/ul	96
80) Benzo(a)anthracene	21.38	228	2231954	79.85	ng/ul#	84
82) Chrysene	21.43	228	2213434	83.23	ng/ul	95
85) Benzo(b)fluoranthene	23.01	252	2352543	89.76	ng/ul#	77
86) Benzo(k)fluoranthene	23.04	252	615102m	24.79	ng/ul	
88) Benzo(a)pyrene	23.61	252	2217760	87.23	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.04	276	1299309	43.03	ng/ul	96
90) Dibenzo(a,h)anthracene	26.04	278	291393	11.59	ng/ul#	77

U.M
05/25/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.76	276	1230690	48.48	ng/ul	95

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

Quantitation Report (Qedit)

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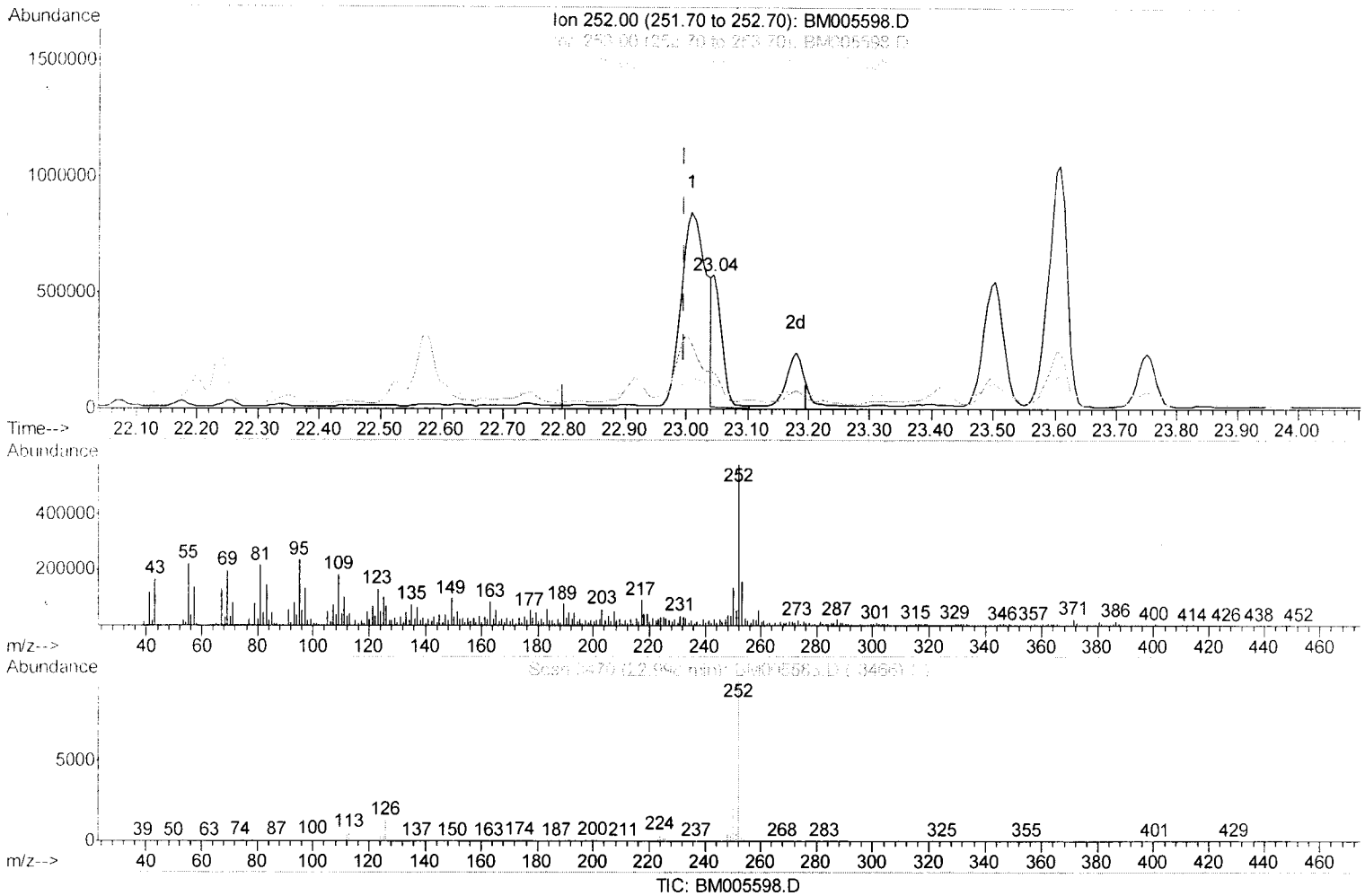

TIC: BM005598.D

(86) Benzo(k)fluoranthene

23.044min (+0.047) 24.79ng/ul m > U.M. 05/25/16

response 615102

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	27.59#
125.00	8.80	18.19#
0.00	0.00	0.00

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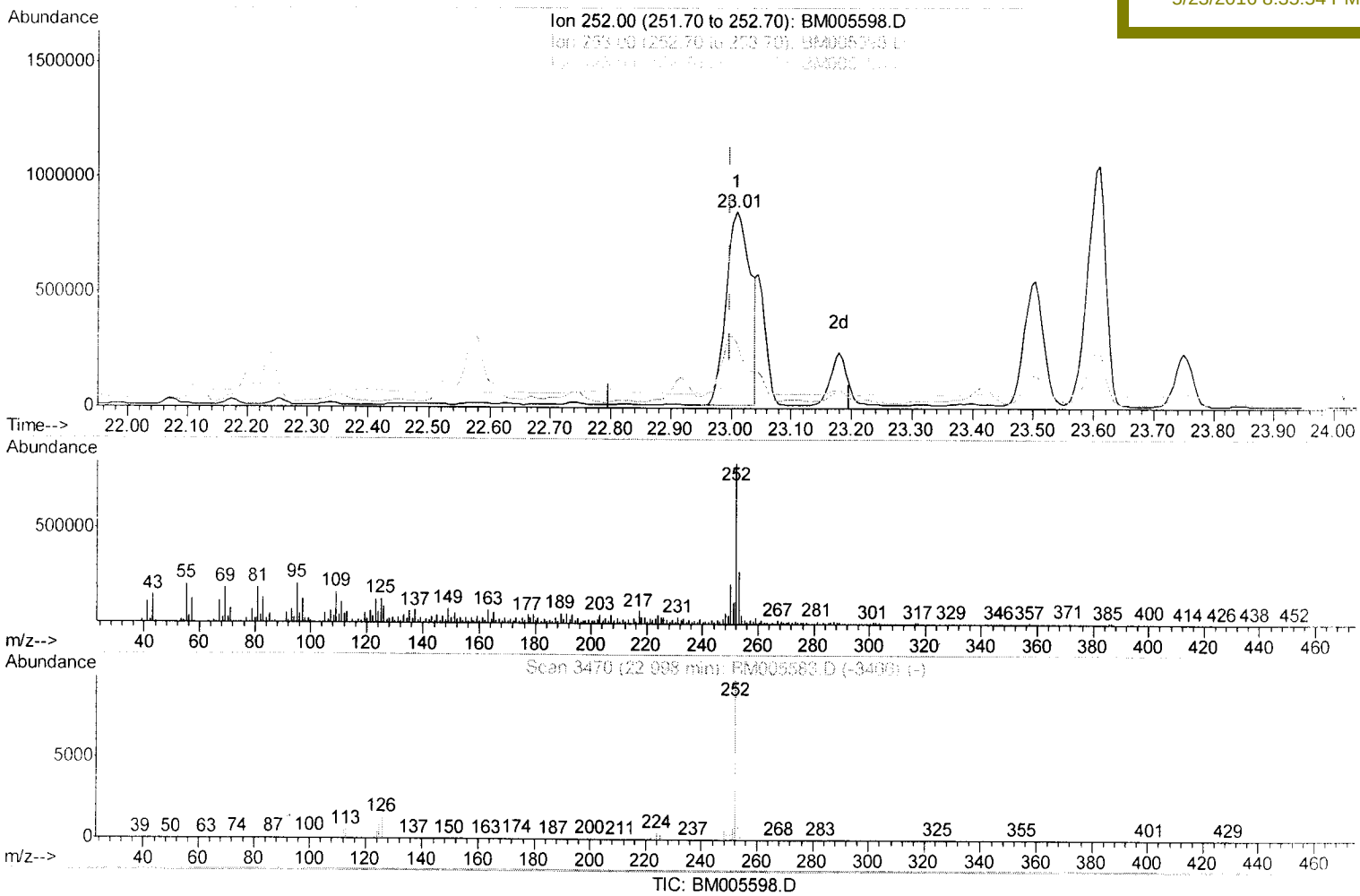

TIC: BM005598.D

(86) Benzo(k)fluoranthene

23.009min (+0.011) 94.82ng/ul

response 2352543

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	33.19#
125.00	8.80	15.20#
0.00	0.00	0.00