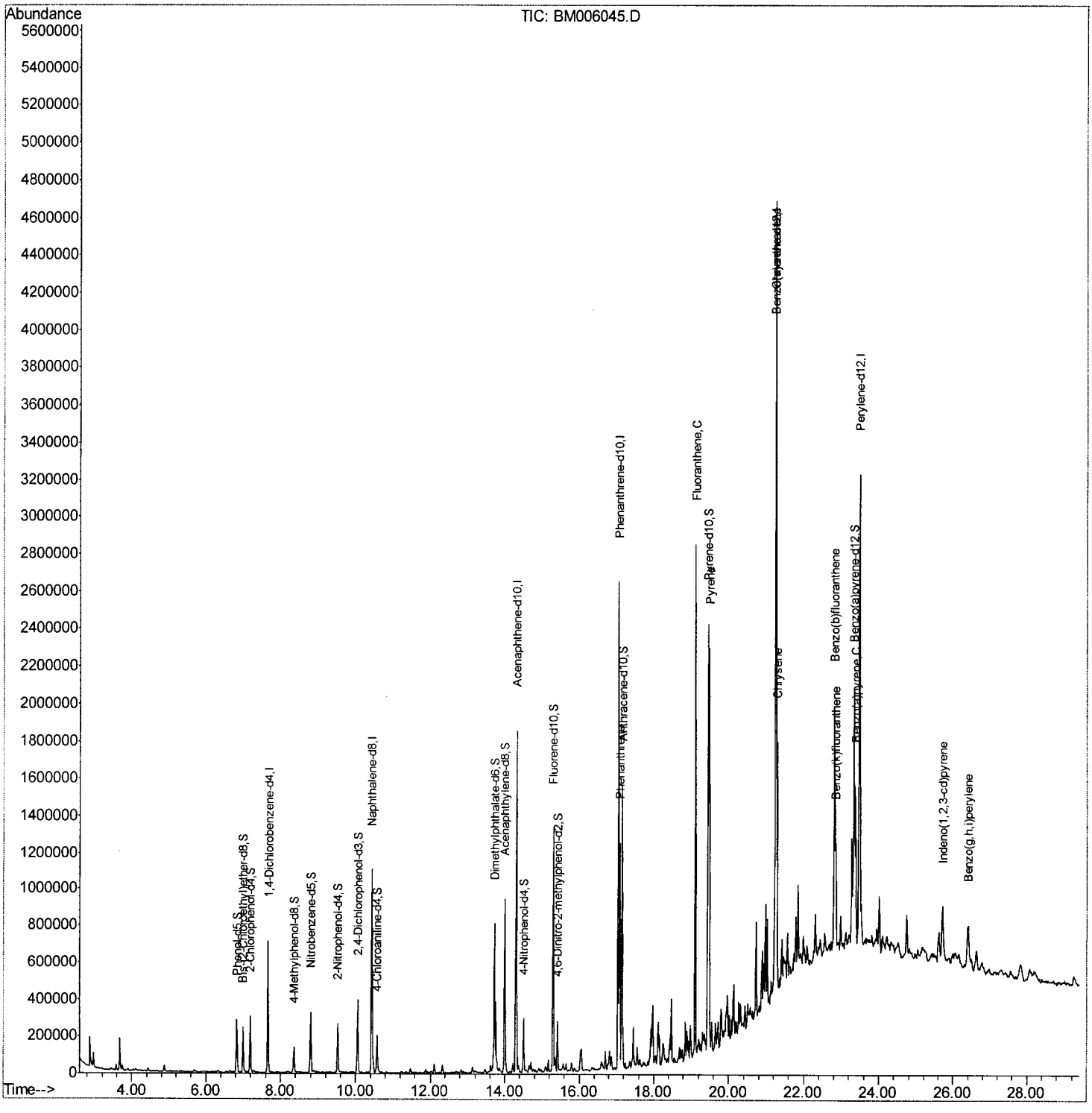
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006045.D
Acq On : 26 Jun 2016 18:00
Operator : UM/SJ
Sample : H3670-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 27 05:53:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9Y80

Manual Integrations APPROVED
sohil
6/27/2016 8:05:59 PM



Quantitation Report (Qedit)

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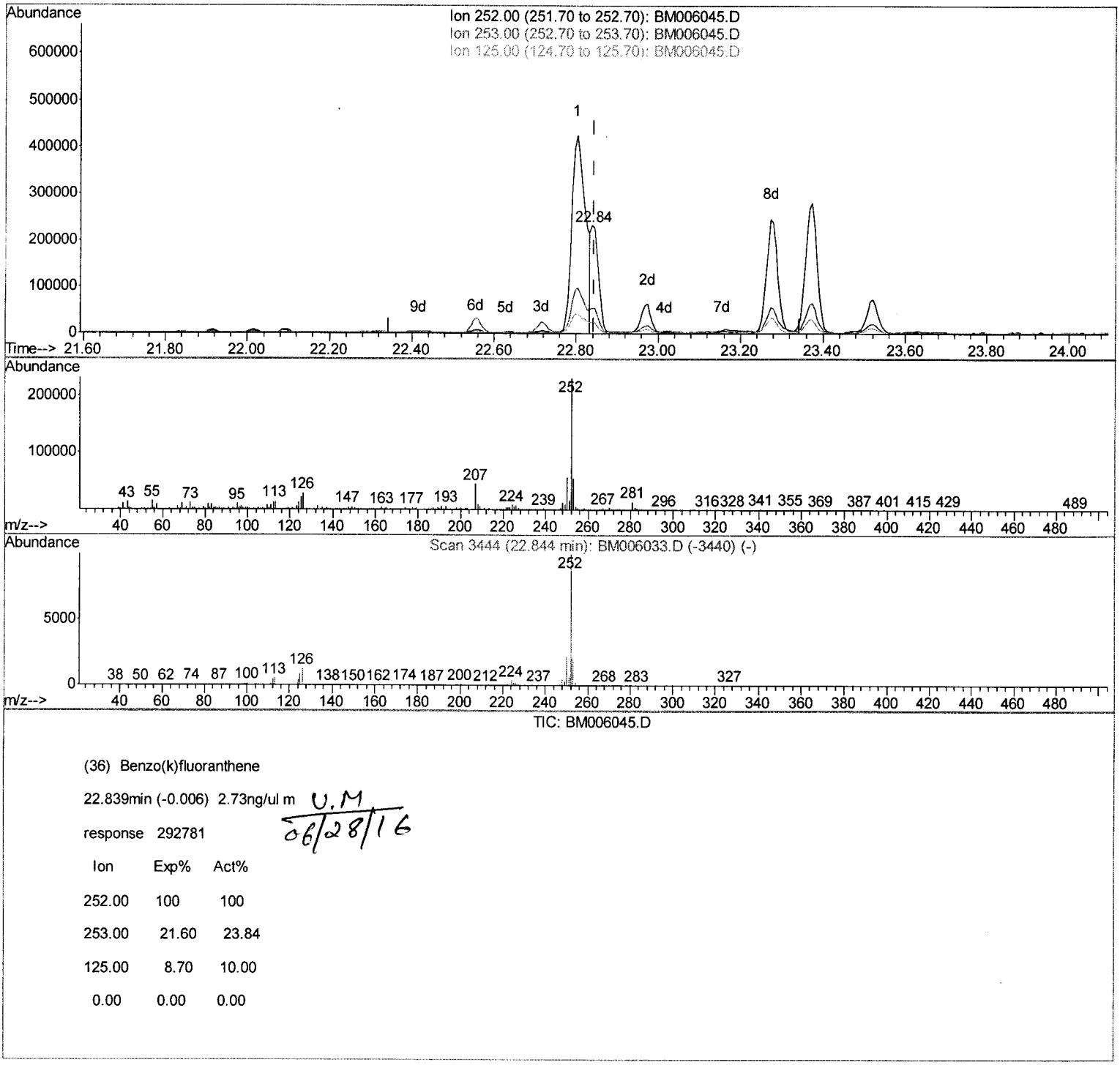
6/27/2016 8:05:59 PM



TIC: BM006045.D

(36) Benzo(k)fluoranthene

22.839min (-0.006) 2.73ng/ul m U.M 06/28/16

response 292781

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.84
125.00	8.70	10.00
0.00	0.00	0.00

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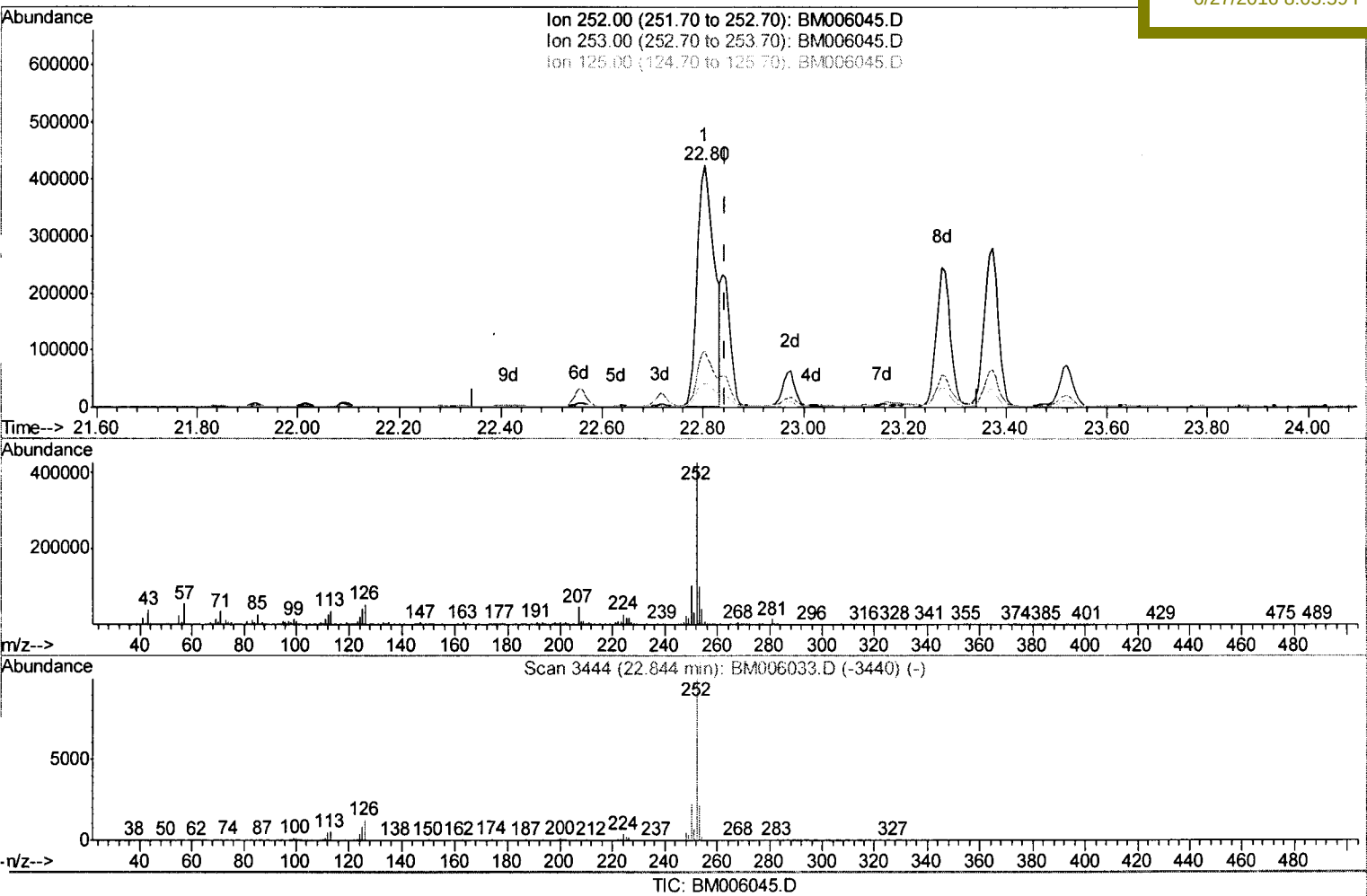
sohil
6/27/2016 8:05:59 PM



TIC: BM006045.D

(36) Benzo(k)fluoranthene

22.803min (-0.041) 9.20ng/ul

response 987161

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.15
125.00	8.70	9.51
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9Y80

Manual Integrations APPROVED
sohil
6/27/2016 8:05:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	181952	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	916906	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	598647	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1568616	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	2018368	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1985802	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	3998	0.98	ng/uL	0.00
3) Phenol-d5	6.83	99	148189	7.74	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	111937	10.51	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	128364	9.63	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	48791	3.02	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	72789	10.43	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	77768	10.01	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	140192	9.41	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	109373	6.77	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	522465	10.19	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	672478	11.31	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	64344	5.89	ng/ul	0.00
21) Fluorene-d10	15.30	176	510378	11.66	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	52165	5.99	ng/ul	0.00
26) Anthracene-d10	17.15	188	836026	11.60	ng/ul	0.00
30) Pyrene-d10	19.45	212	1083168	12.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1061613	11.84	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	698789	8.28	ng/ul	99
28) Fluoranthene	19.12	202	1606522	14.87	ng/ul	100
31) Pyrene	19.48	202	1279935	11.08	ng/ul	98
32) Benzo(a)anthracene	21.23	228	638600	5.33	ng/ul	95
33) Chrysene	21.29	228	789563	7.21	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	987161	8.56	ng/ul	97
36) Benzo(k)fluoranthene	22.84	252	292781m	2.73	ng/ul	
38) Benzo(a)pyrene	23.37	252	536393	4.85	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.71	276	351246	2.66	ng/ul	98
41) Benzo(g,h,i)perylene	26.40	276	339890	2.98	ng/ul	99

U.M 06/28/16

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