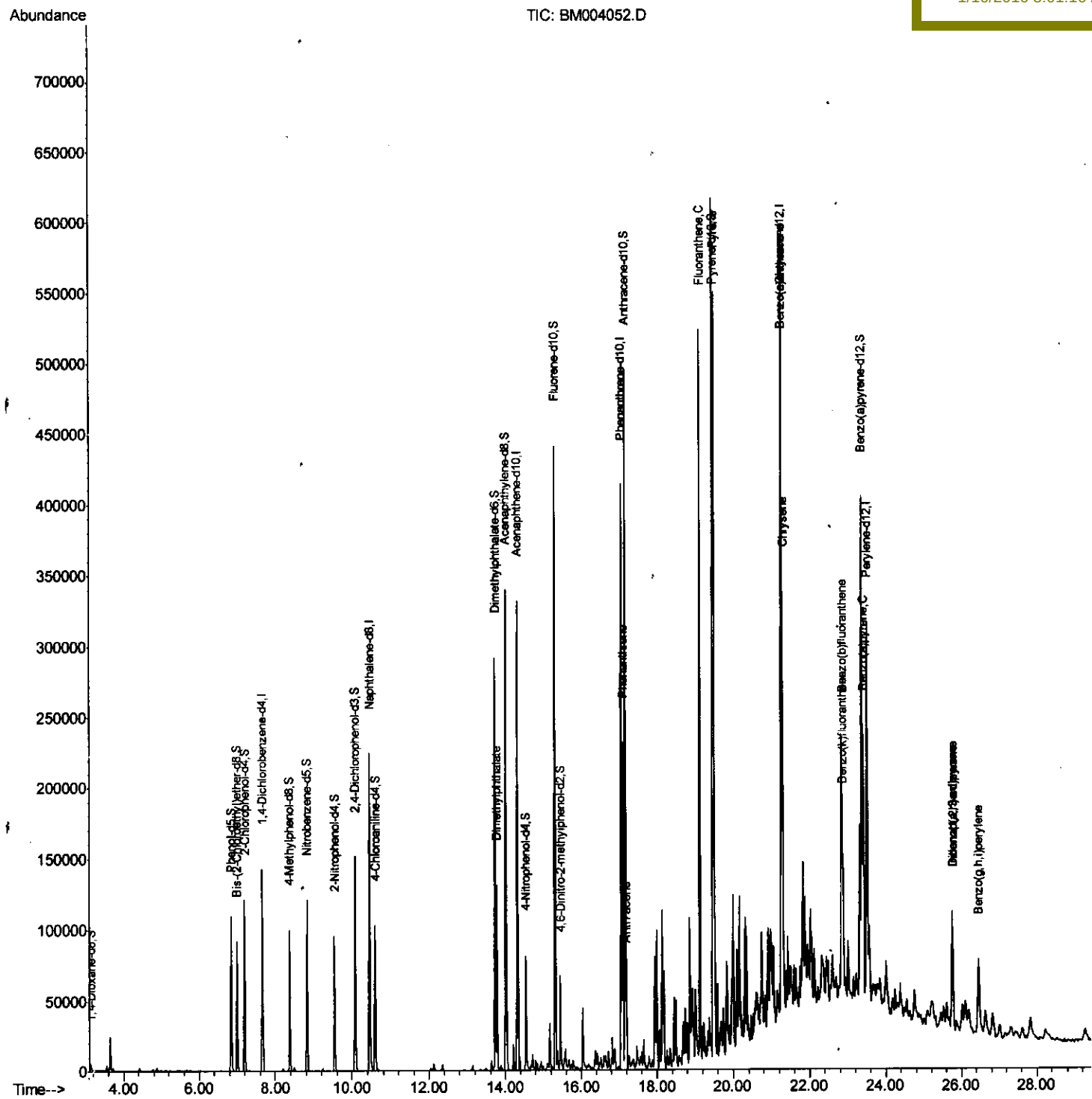
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011616\
Data File : BM004052.D
Acq On : 15 Jan 2016 17:48
Operator : SJ/UM
Sample : H1100-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 16 02:50:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 00:22:06 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC992

Manual Integrations APPROVED
Sohil
1/16/2016 5:01:16 AM



Quantitation Report (Qedit)

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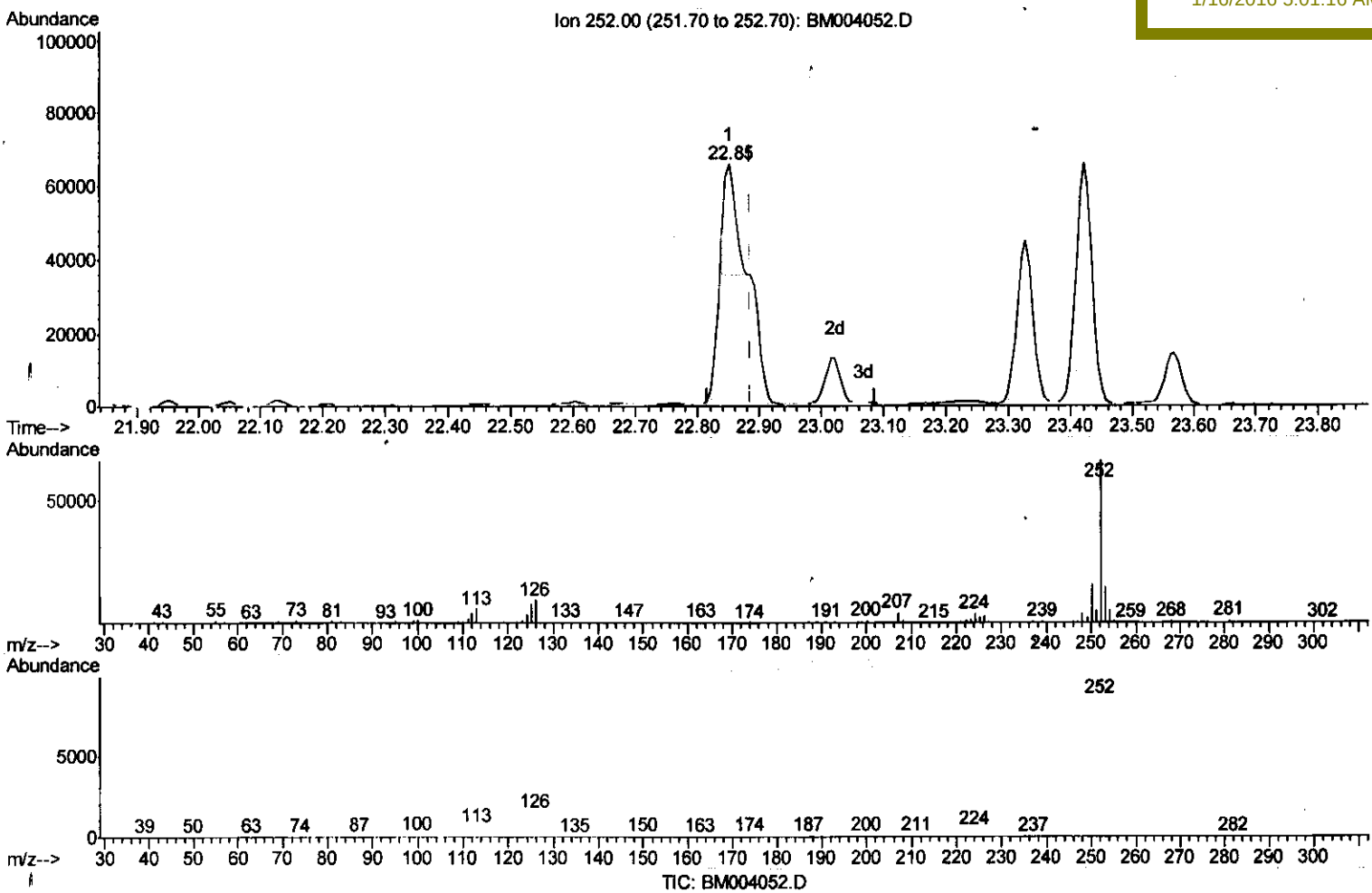
Sohil
1/16/2016 5:01:16 AM



(89) Benzo(k)fluoranthene

22.850min (-0.035) 3.42ng/ul

response 36280

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.61
125.00	10.20	12.11
0.00	0.00	0.00

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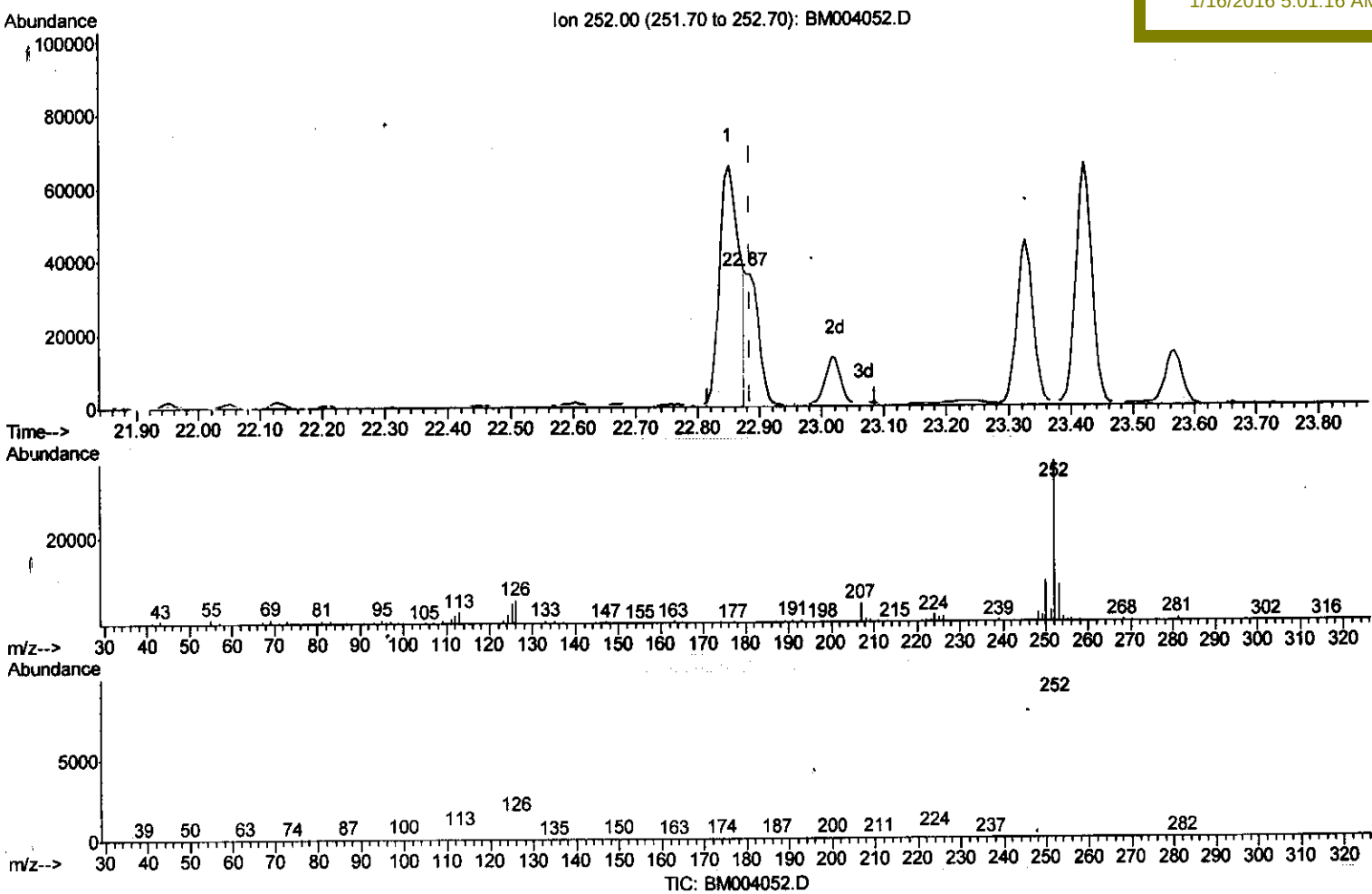
Manual Integrations APPROVED
Sohil
1/16/2016 5:01:16 AM



TIC: BM004052.D

(89) Benzo(k)fluoranthene

22.874min (-0.012) 5.13ng/ul m S.J 1/16/16

response 54458

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.27
125.00	10.20	13.36#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM004052.D
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Operator : SJ/UM
Sample : H1100-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 00:22:06 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BC992

Manual Integrations APPROVED
Sohil
1/16/2016 5:01:16 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	39878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	191840	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	110287	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	242416	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	207057	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	183529	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	2805	3.15	ng/uL	0.00
5) Phenol-d5	6.85	99	68028	20.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	40637	21.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	59273	21.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	41758	15.56	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	31107	21.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	34249	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	59369	21.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	62875	16.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	200713	23.18	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	248012	23.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	25892	16.65	ng/ul	0.00
58) Fluorene-d10	15.32	176	177595	24.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	14609	10.69	ng/ul	0.00
71) Anthracene-d10	17.17	188	273161	24.36	ng/ul	0.00
79) Pyrene-d10	19.47	212	285280	26.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	230265	25.12	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.78	163	87105	9.87	ng/ul	100
70) Phenanthrene	17.12	178	140010	10.27	ng/ul	99
72) Anthracene	17.20	178	35684	2.55	ng/ul	99
77) Fluoranthene	19.14	202	288439	20.36	ng/ul	99
80) Pyrene	19.51	202	325562	23.16	ng/ul	100
83) Benzo(a)anthracene	21.26	228	138747	11.25	ng/ul	98
85) Chrysene	21.32	228	149229	12.74	ng/ul	98
88) Benzo(b)fluoranthene	22.85	252	156197	14.00	ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	54458m	5.13	ng/ul	
91) Benzo(a)pyrene	23.42	252	119813	11.32	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.77	276	73243	6.26	ng/ul	96
93) Dibenzo(a,h)anthracene	25.77	278	21162	2.15	ng/ul#	86
94) Benzo(g,h,i)perylene	26.46	276	63835	6.49	ng/ul	97

S.J 1/16/16

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