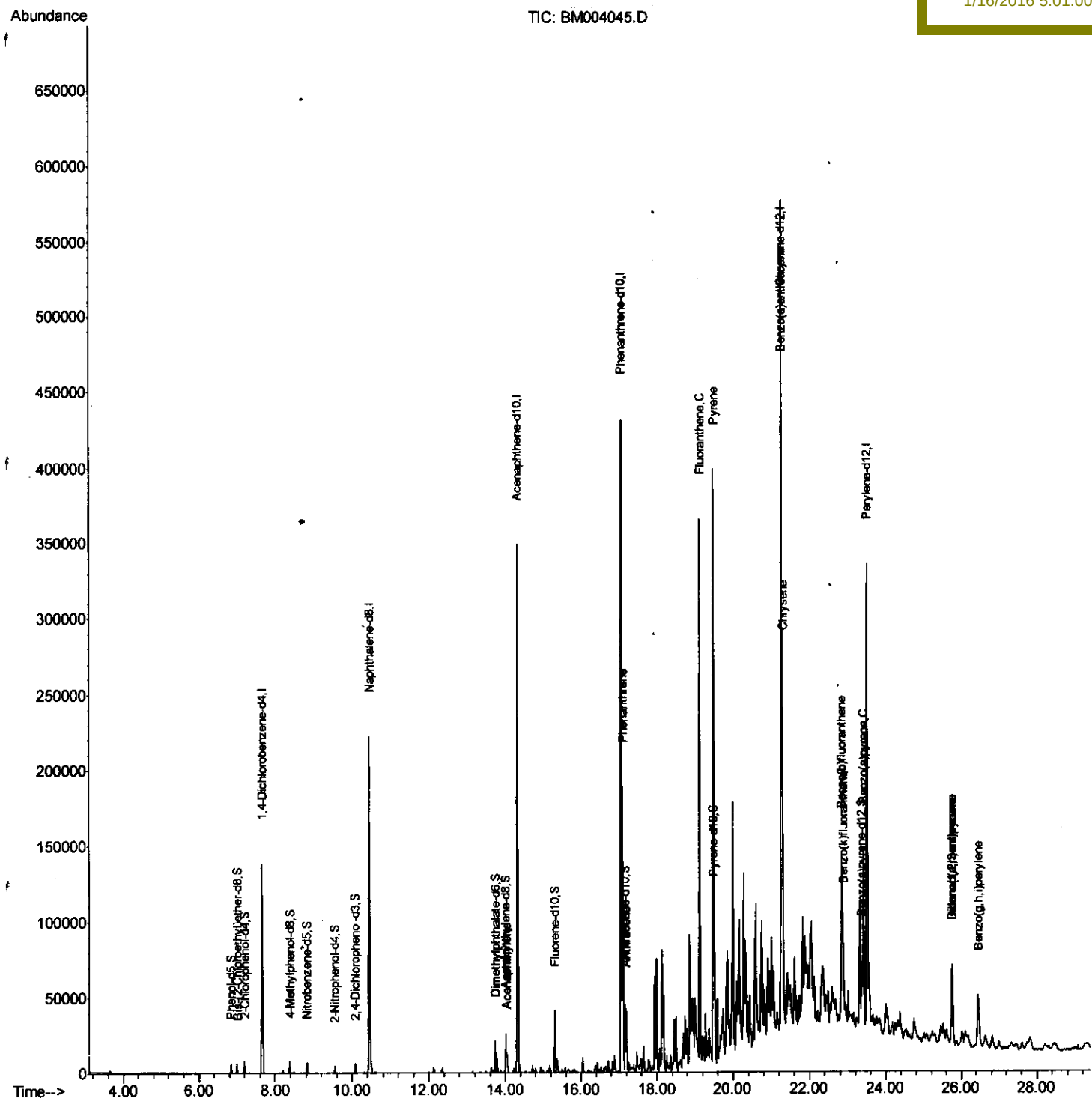
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011616\
Data File : BM004045.D
Acq On : 15 Jan 2016 13:35
Operator : SJ/UM
Sample : H1100-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 16 01:17:07 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 :
BC984

Manual Integrations APPROVED
Sohil
1/16/2016 5:01:00 AM



Quantitation Report (Qedit)

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Quant Time: Jan 16 00:37:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
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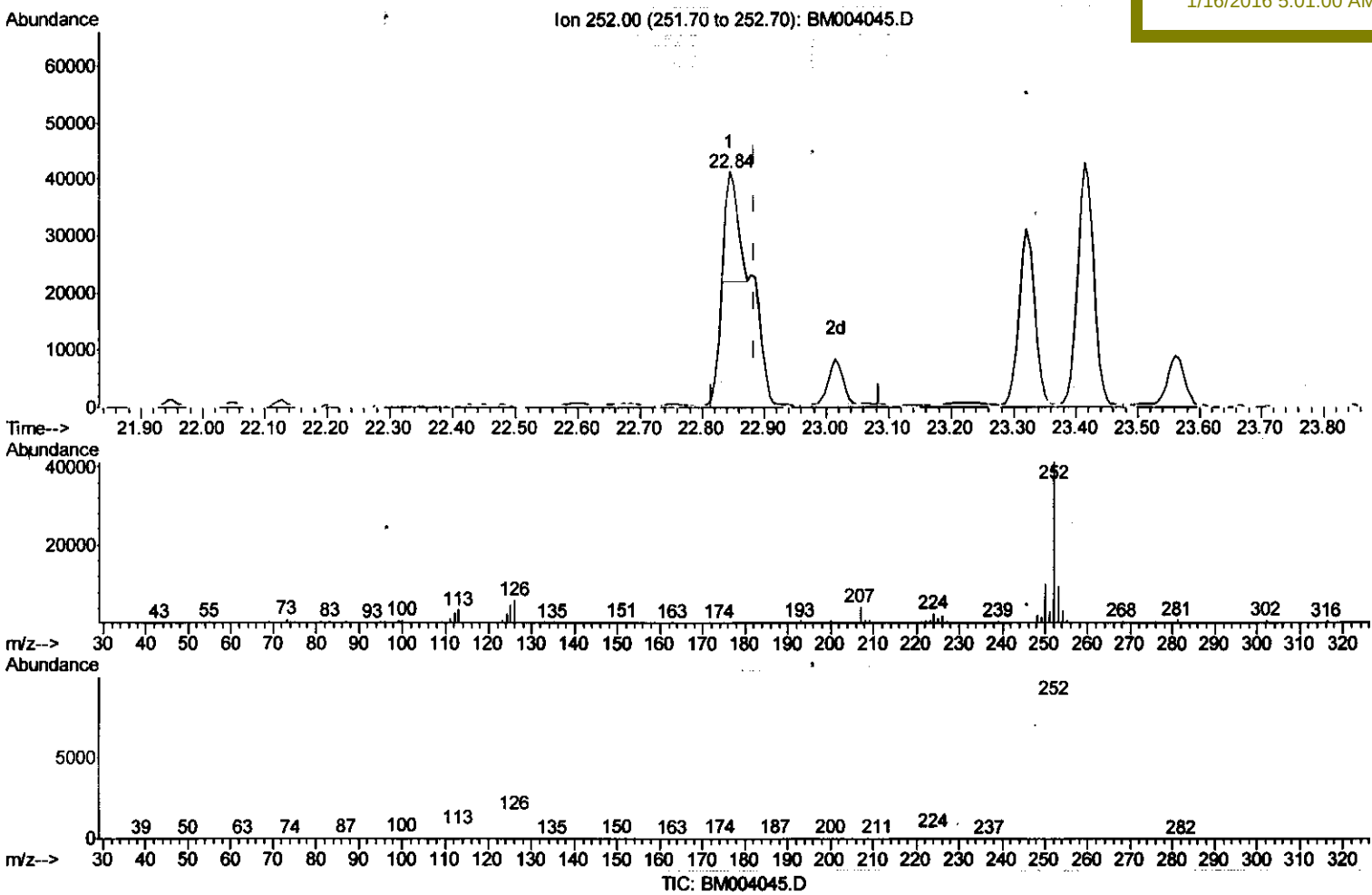
Sohil
1/16/2016 5:01:00 AM



TIC: BM004045.D

(89) Benzo(k)fluoranthene

22.844min (-0.041) 2.20ng/ul

response 25589

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.90
125.00	10.20	11.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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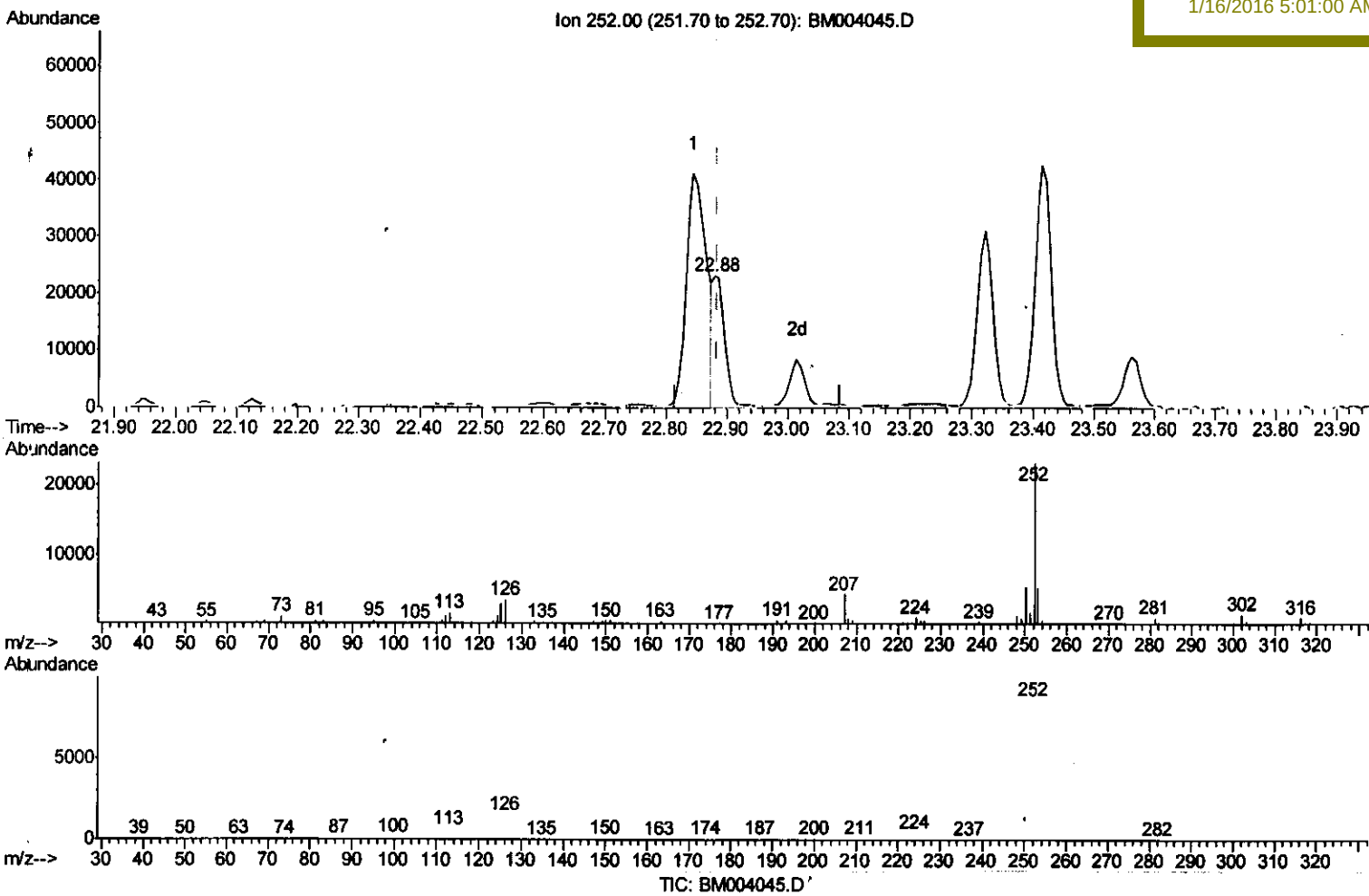
Manual Integrations APPROVED
Sohil
1/16/2016 5:01:00 AM



(89) Benzo(k)fluoranthene

22.880min (-0.006) 2.62ng/ul m

response 30360

S. J 1/16/16

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.00
125.00	10.20	13.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : SJ/UM
Sample : H1100-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 16 01:17:07 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 : BC984

Manual Integrations APPROVED
Sohil
1/16/2016 5:01:00 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	38908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	192769	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	116018	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	255951	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	226120	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	200641	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	5960	1.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3340	1.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	4970	1.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	4623	1.77	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	2213	1.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	2215	1.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	4544	1.61	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.73	166	17524	1.92	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	21840	1.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	429	0.26	ng/ul	0.02
58) Fluorene-d10	15.32	176	16896	2.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.17	188	26006	2.20	ng/ul	0.00
79) Pyrene-d10	19.47	212	26602	2.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	21026	2.10	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.04	152	12791	1.05	ng/ul	100
70) Phenanthrene	17.12	178	115396	8.02	ng/ul	100
72) Anthracene	17.20	178	28815	1.95	ng/ul	99
77) Fluoranthene	19.14	202	194952	13.03	ng/ul	100
80) Pyrene	19.50	202	231854	15.11	ng/ul	98
83) Benzo(a)anthracene	21.26	228	82086	6.10	ng/ul	97
85) Chrysene	21.32	228	101482	7.93	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	92585	7.59	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	30360m	2.62	ng/ul	
91) Benzo(a)pyrene	23.41	252	76296	6.60	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	45087	3.52	ng/ul	95
93) Dibenzo(a,h)anthracene	25.76	278	14928	1.39	ng/ul#	88
94) Benzo(g,h,i)perylene	26.45	276	44078	4.10	ng/ul	98

S.J 1/16/16

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