

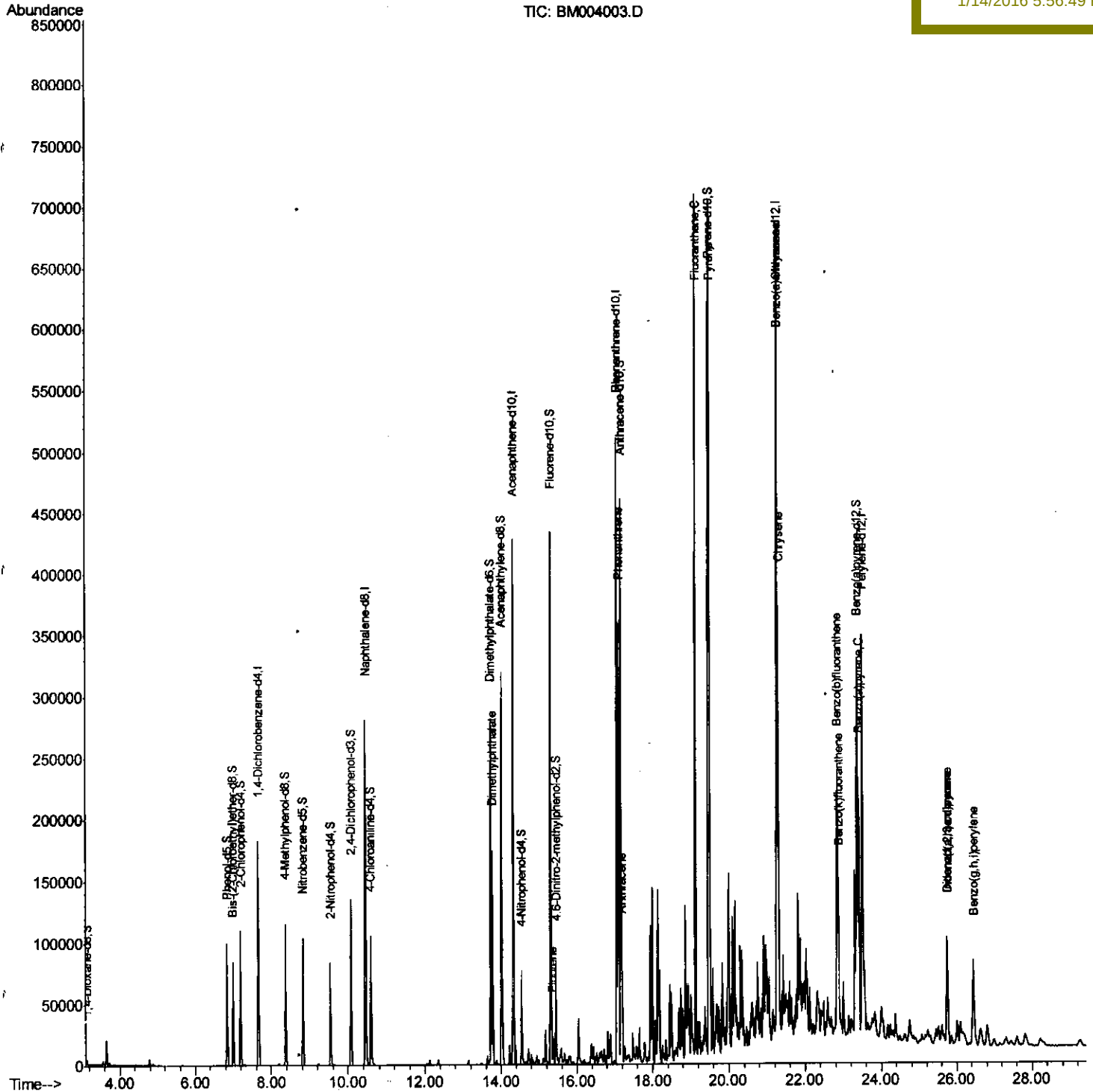
Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\
Data File : BM004003.D
Acq On : 14 Jan 2016 02:52
Operator : SJ/UM
Sample : H1098-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 14 11:55:07 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC9D3

Manual Integrations
APPROVED

MMdadoda
1/14/2016 5:56:49 PM



Quantitation Report (Qedit)

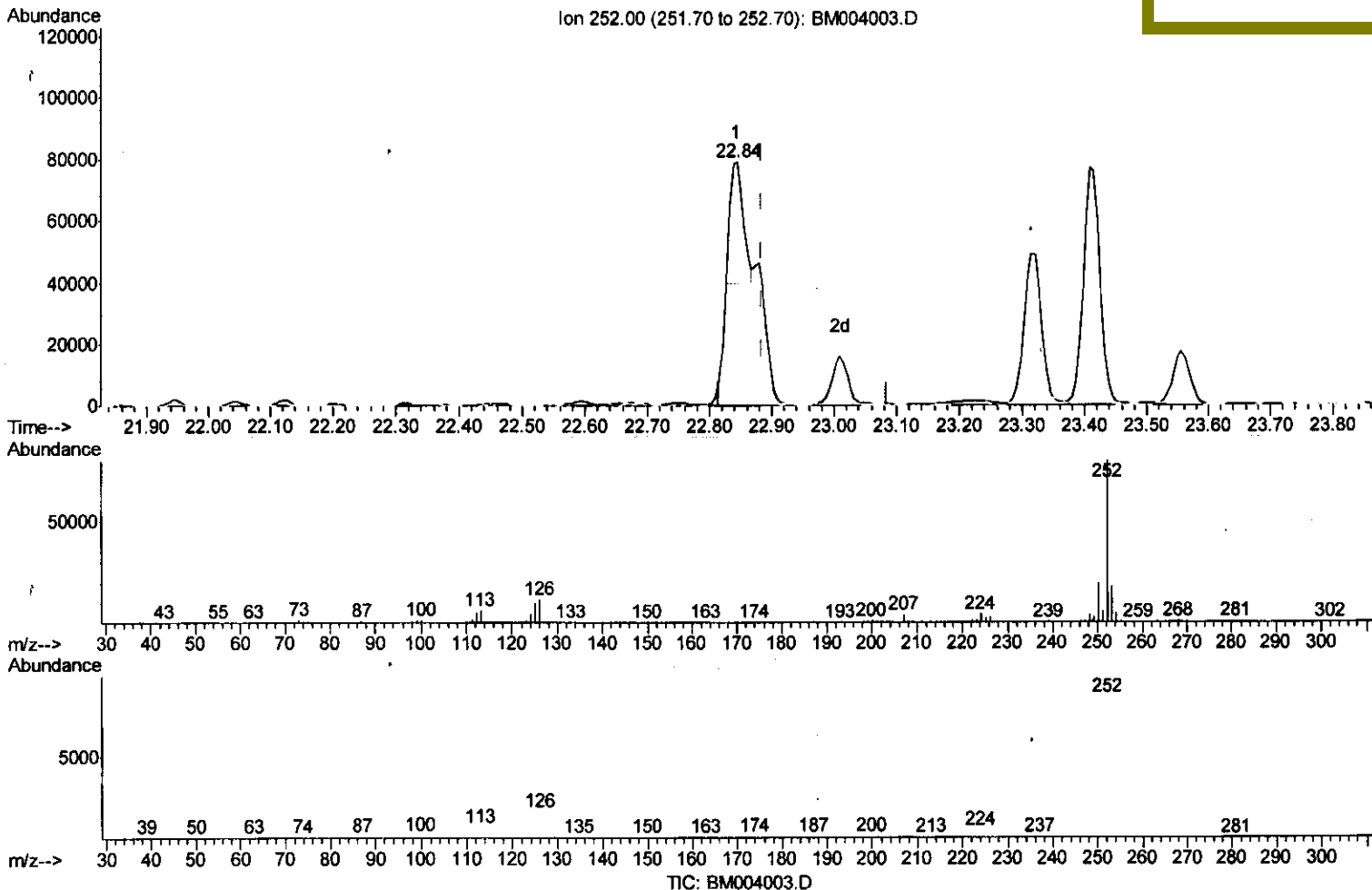
Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\
 Data File : BM004003.D
 Acq On : 14 Jan 2016 02:52
 Operator : SJ/UM
 Sample : H1098-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 BC9D3

Quant Time: Jan 14 11:50:01 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 1/14/2016 5:56:49 PM



(89) Benzo(k)fluoranthene

22.844min (-0.041) 4.54ng/ul

response 57646

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.70
125.00	10.20	12.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

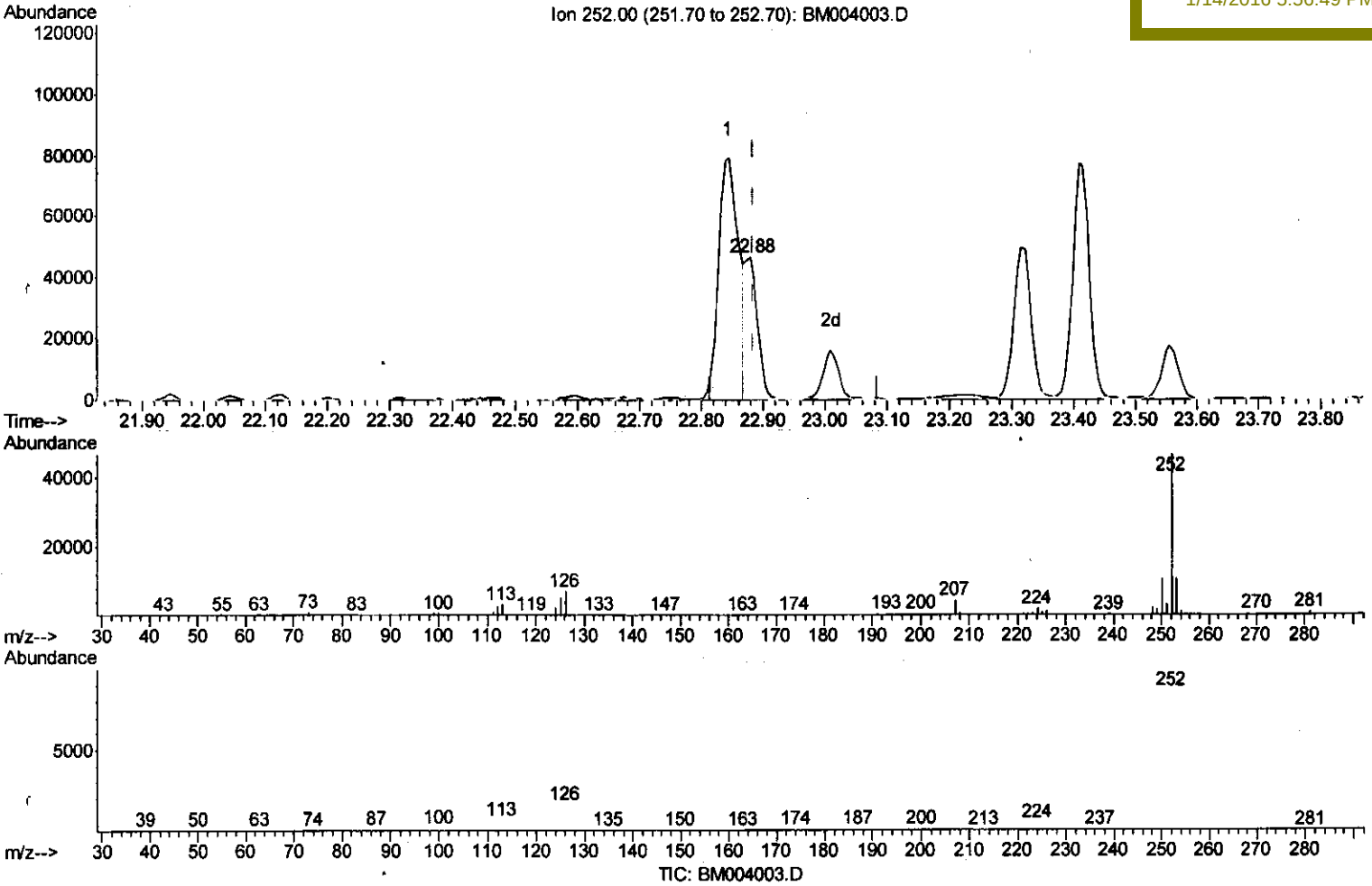
Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\
 Data File : BM004003.D
 Acq On : 14 Jan 2016 02:52
 Operator : SJ/UM
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Quant Time: Jan 14 11:50:01 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 BC9D3

Manual Integrations
 APPROVED

MMdadoda
 1/14/2016 5:56:49 PM



(89) Benzo(k)fluoranthene

22.880min (-0.006) 4.98ng/ul m *S. J*
1/15/16
 response 63223

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.95
125.00	10.20	11.87
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\
 Data File : BM004003.D
 Acq On : 14 Jan 2016 02:52
 Operator : SJ/UM
 Sample : H1098-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 BC9D3

Quant Time: Jan 14 11:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 1/14/2016 5:56:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	50271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	238315	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	139107	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	299336	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	243504	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	219315	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2444	2.17	ng/uL	0.00
5) Phenol-d5	6.84	99	63084	15.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	37652	15.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	53583	15.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	46675	13.80	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	26945	15.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	29551	15.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	53325	15.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	63675	13.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	186165	17.05	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	226575	17.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	22838	11.64	ng/ul	0.00
58) Fluorene-d10	15.32	176	166011	17.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	17692	10.48	ng/ul	0.00
71) Anthracene-d10	17.17	188	250450	18.09	ng/ul	0.00
79) Pyrene-d10	19.47	212	250838	19.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	202470	18.49	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.77	163	111514	10.02	ng/ul 100
59) Fluorene	15.37	166	11902	1.11	ng/ul 96
70) Phenanthrene	17.11	178	214149	12.72	ng/ul 100
72) Anthracene	17.20	178	53598	3.10	ng/ul 98
77) Fluoranthene	19.14	202	402531	23.01	ng/ul 99
80) Pyrene	19.50	202	408048	24.69	ng/ul 98
83) Benzo(a)anthracene	21.26	228	175034	12.07	ng/ul 97
85) Chrysene	21.31	228	183056	13.29	ng/ul 98
88) Benzo(b)fluoranthene	22.84	252	179229	13.44	ng/ul 97
89) Benzo(k)fluoranthene	22.88	252	63223m	4.98	ng/ul
91) Benzo(a)pyrene	23.41	252	141610	11.20	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.75	276	83329	5.96	ng/ul 96
93) Dibenzo(a,h)anthracene	25.75	278	25428	2.16	ng/ul# 79
94) Benzo(a,h,i)perylene	26.44	276	83733	7.13	ng/ul 99

S.J
 1/15/16

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