Quantitation Report (QT Reviewed)

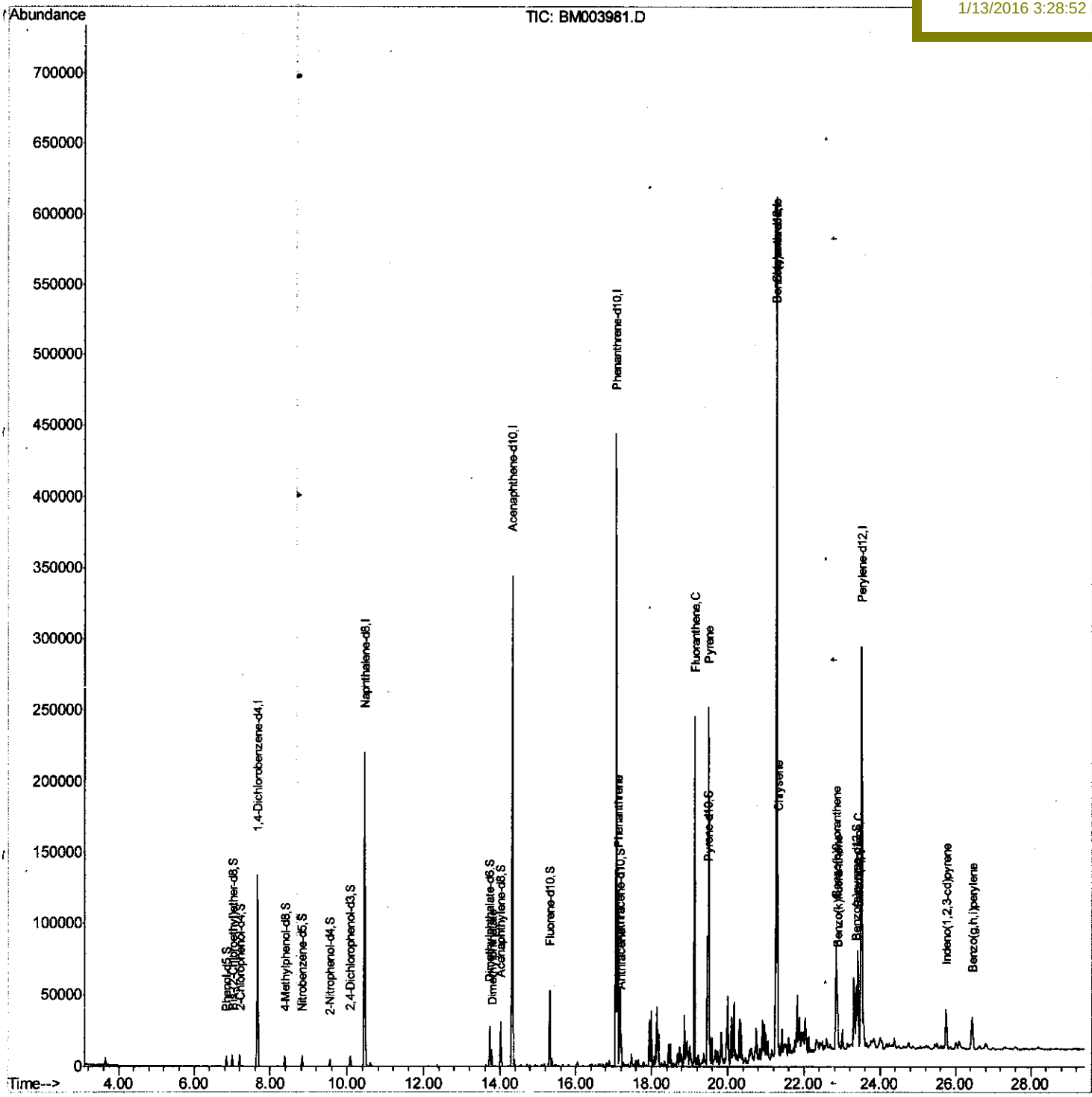
Data Path : Z:\HPCHEM1\BNA_M\Data\BM011316\
Data File : BM003981.D
Acq On : 13 Jan 2016 07:29
Operator : SJ/UM
Sample : H1095-20DL 10X

Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 13 10:14:41 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 :
BC9A8DL

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:28:52 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011316\
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Acq On : 13 Jan 2016 07:29
Operator : SJ/UM
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Response via : Initial Calibration

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ClientSampleId :
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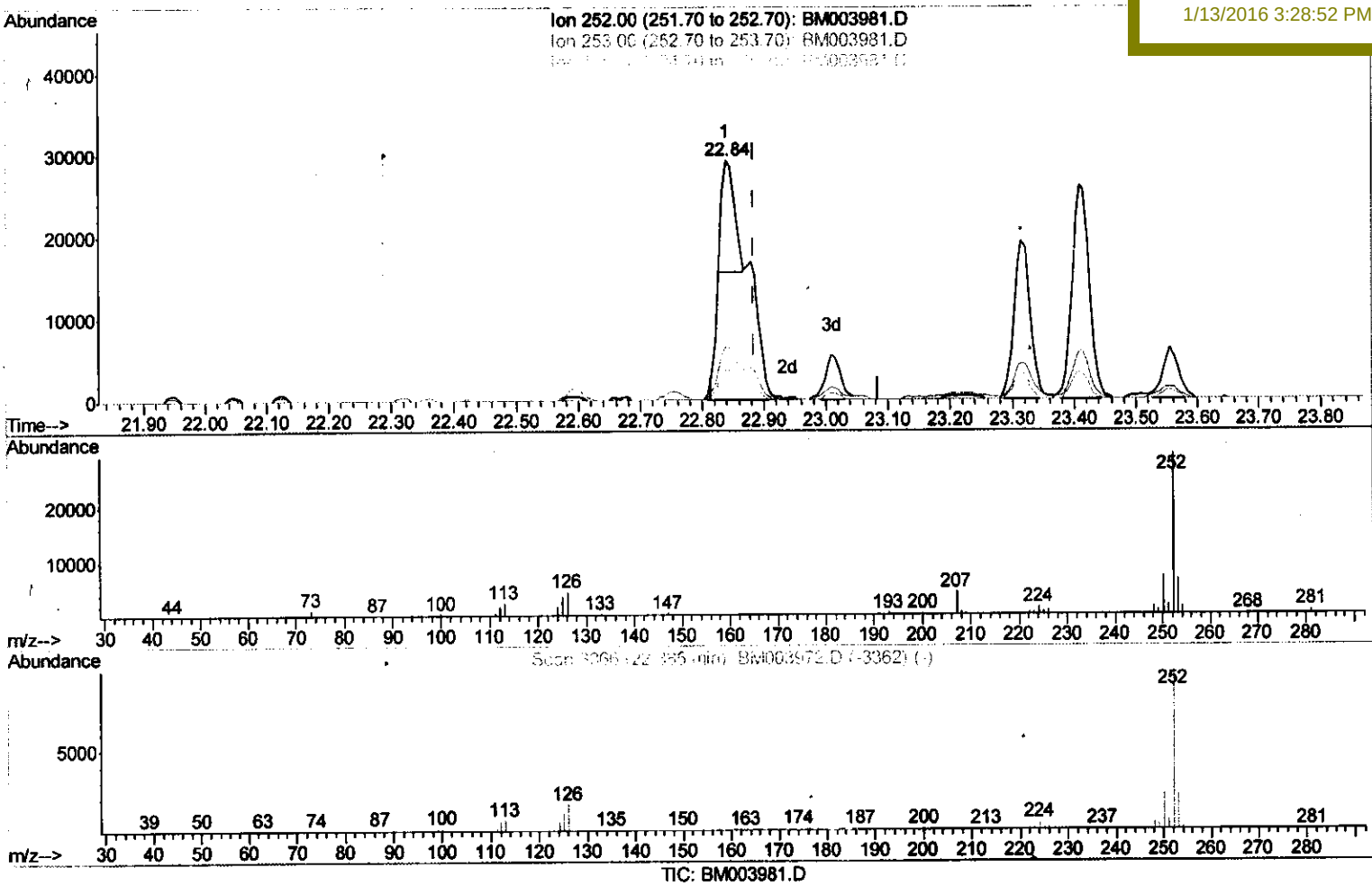
MMdadoda
1/13/2016 3:28:52 PM



(89) Benzo(k)fluoranthene

22.838min (-0.047) 1.74ng/ul

response 19802

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.43
125.00	10.20	12.40#
0.00	0.00	0.00

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BNA_M
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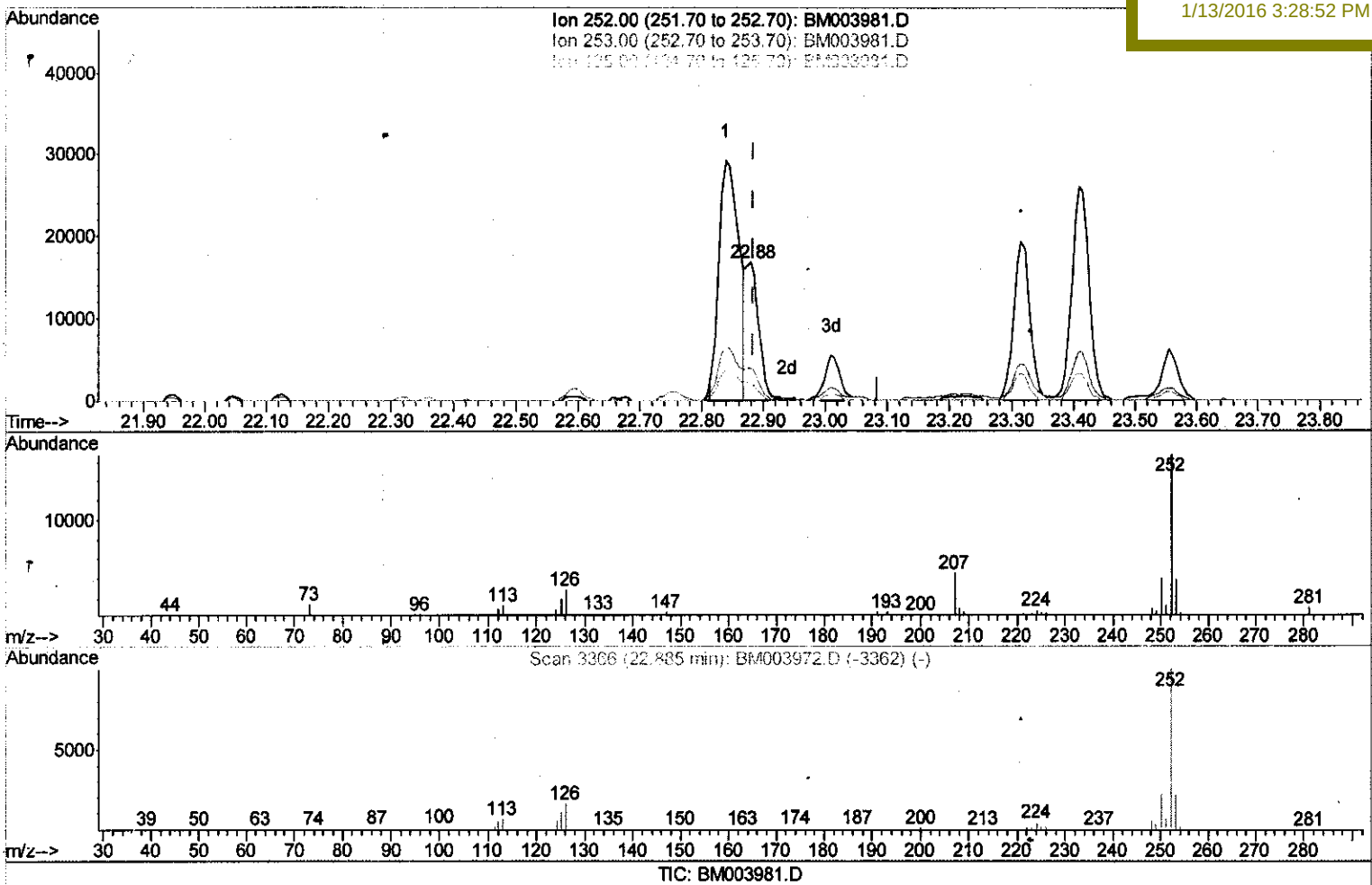
Manual Integrations APPROVED
MMdadoda
1/13/2016 3:28:52 PM



TIC: BM003981.D

(89) Benzo(k)fluoranthene

22.880min (-0.006) 2.13ng/ul m

response 24192

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.58
125.00	10.20	12.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : SJ/UM
Sample : H1095-20DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 13 10:14:41 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 : BC9A8DL

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:28:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	37864	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	187558	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	113522	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	257771	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	247293	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	196681	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	6313	2.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3966	2.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	5616	2.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	4746	1.86	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	2293	1.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	2264	1.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	5114	1.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	3530	0.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	21578	2.42	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	26218	2.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	755	0.47	ng/ul	0.02
58) Fluorene-d10	15.32	176	22097	2.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	1032	0.71	ng/ul	0.00
71) Anthracene-d10	17.17	188	34201	2.87	ng/ul	0.00
79) Pyrene-d10	19.47	212	38297	2.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	28782	2.93	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.78	163	9370	1.03	ng/ul#	94
70) Phenanthrene	17.11	178	75715	5.22	ng/ul	99
72) Anthracene	17.20	178	16501	1.11	ng/ul	98
77) Fluoranthene	19.14	202	145431	9.65	ng/ul	99
80) Pyrene	19.50	202	154682	9.21	ng/ul	99
83) Benzo(a)anthracene	21.26	228	67672	4.60	ng/ul	97
85) Chrysene	21.31	228	75789	5.42	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	67470	5.64	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	24192m	2.13	ng/ul	
91) Benzo(a)pyrene	23.41	252	50839	4.48	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	27911	2.22	ng/ul	96
94) Benzo(g,h,i)perylene	26.44	276	27313	2.59	ng/ul	98

U.M 01/14/16

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