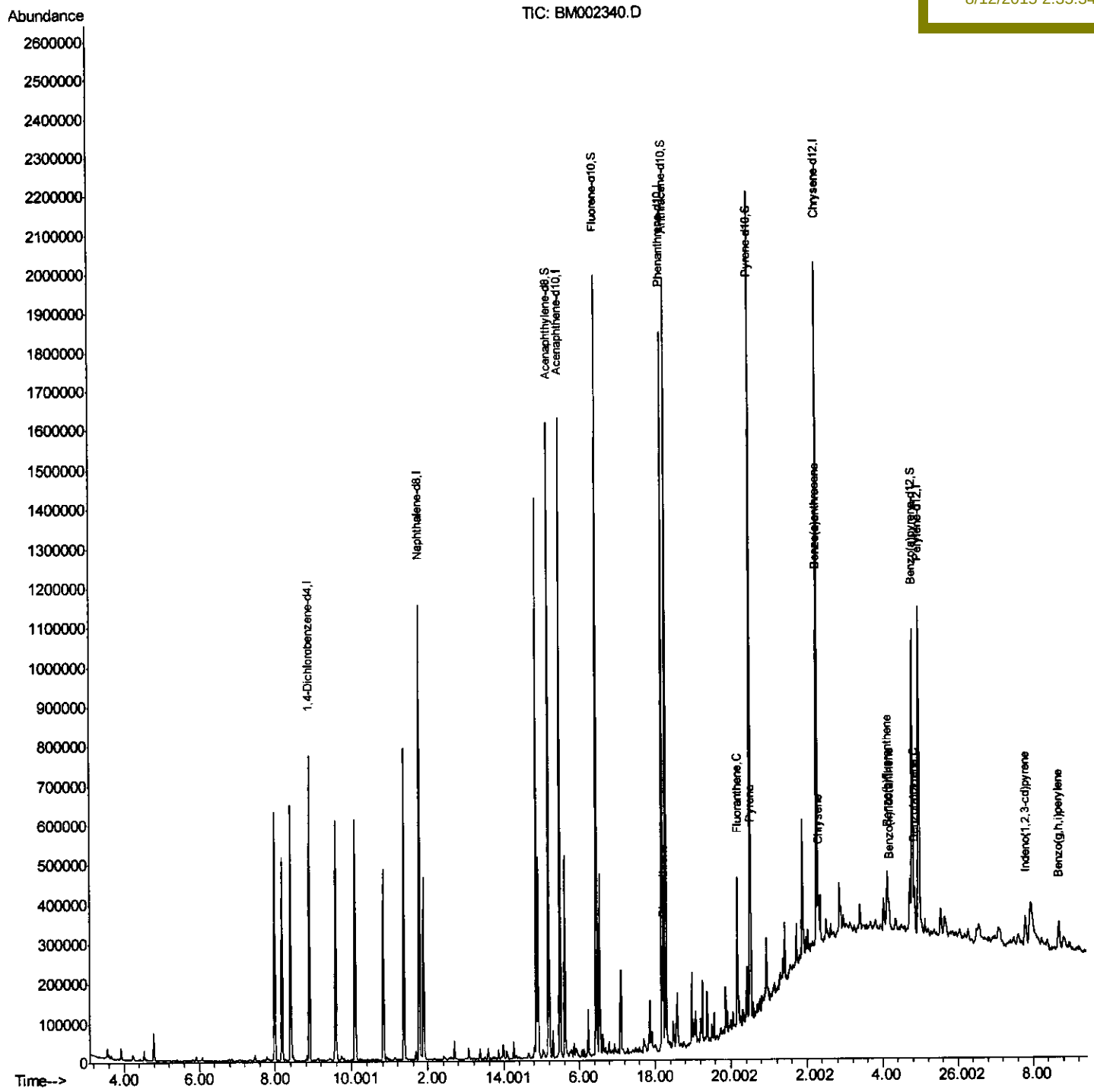
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002340.D
Acq On : 12 Aug 2015 01:55
Operator : UM/IZ
Sample : G3162-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 12 05:02:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 04:50:31 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9C70

Manual Integrations APPROVED
MMDadoda
8/12/2015 2:35:34 PM



Quantitation Report (Qedit)

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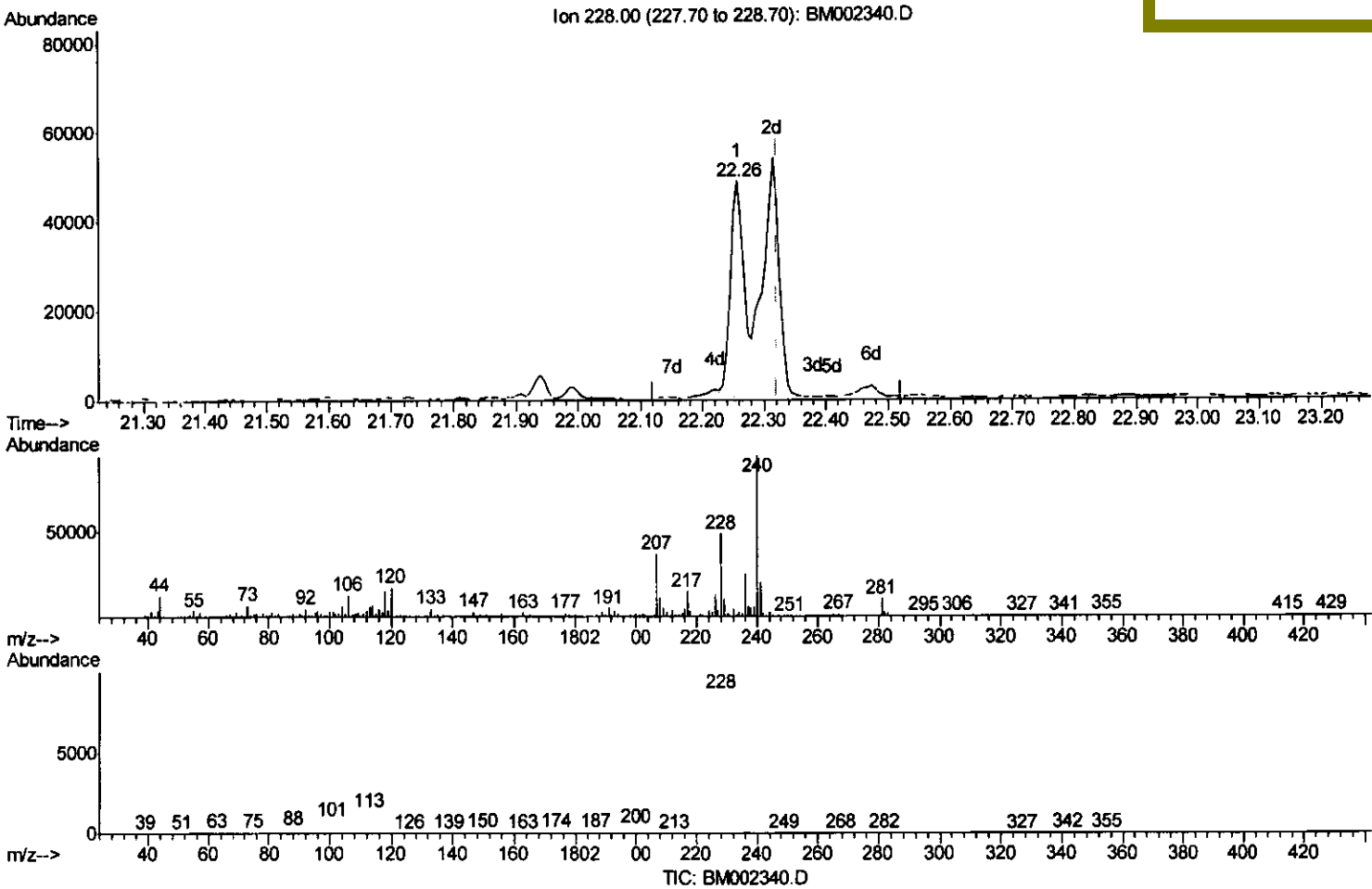

(21) Chrysene

22.256min (-0.065) 1.50ng/ul

response 75817

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	27.45
229.00	19.40	22.22
0.00	0.00	0.00

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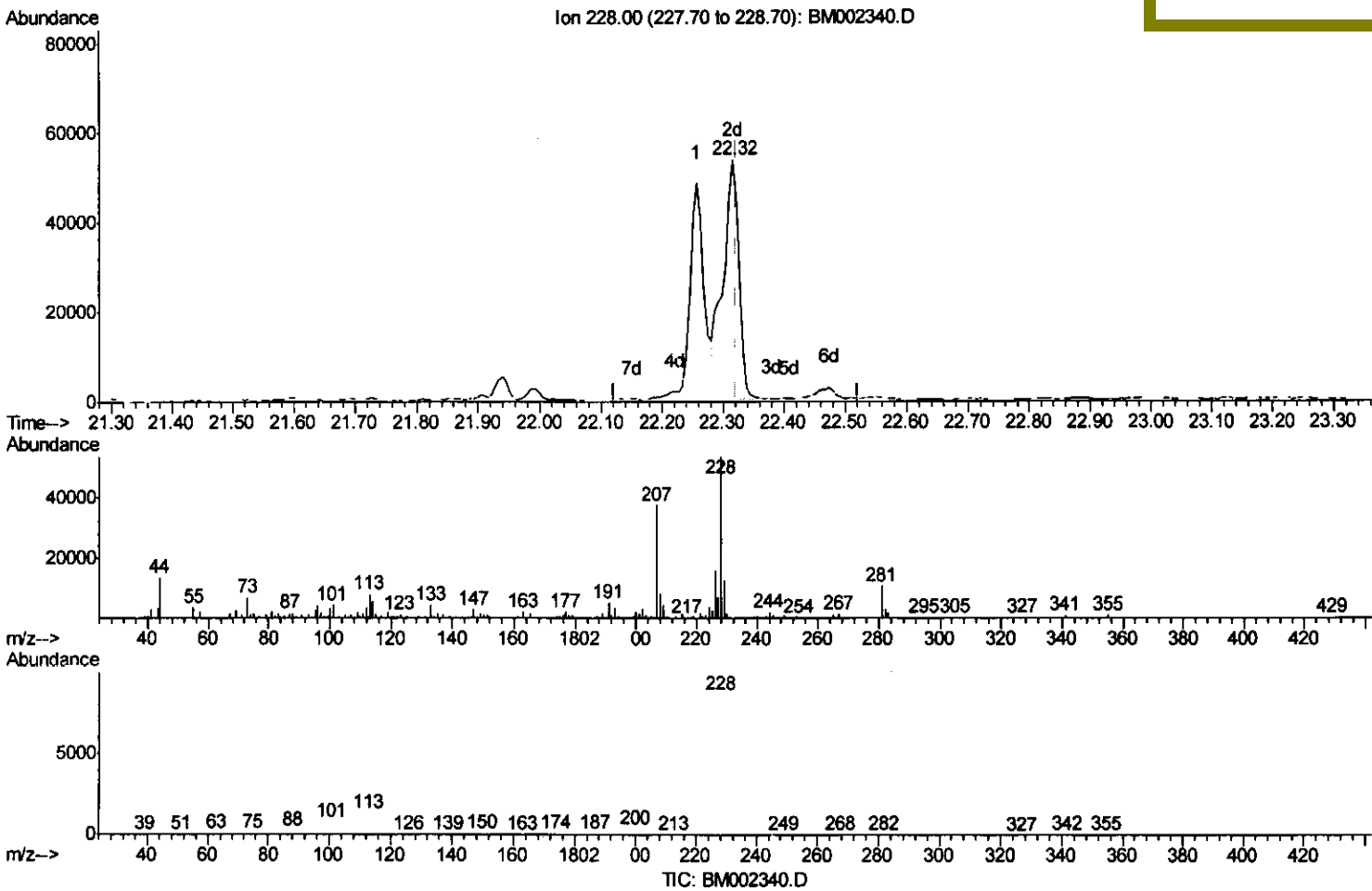

(21) Chrysene

22.315min (-0.006) 1.90ng/ul m

response 95923

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	29.63
229.00	19.40	23.97#
0.00	0.00	0.00

U.M 08/13/15

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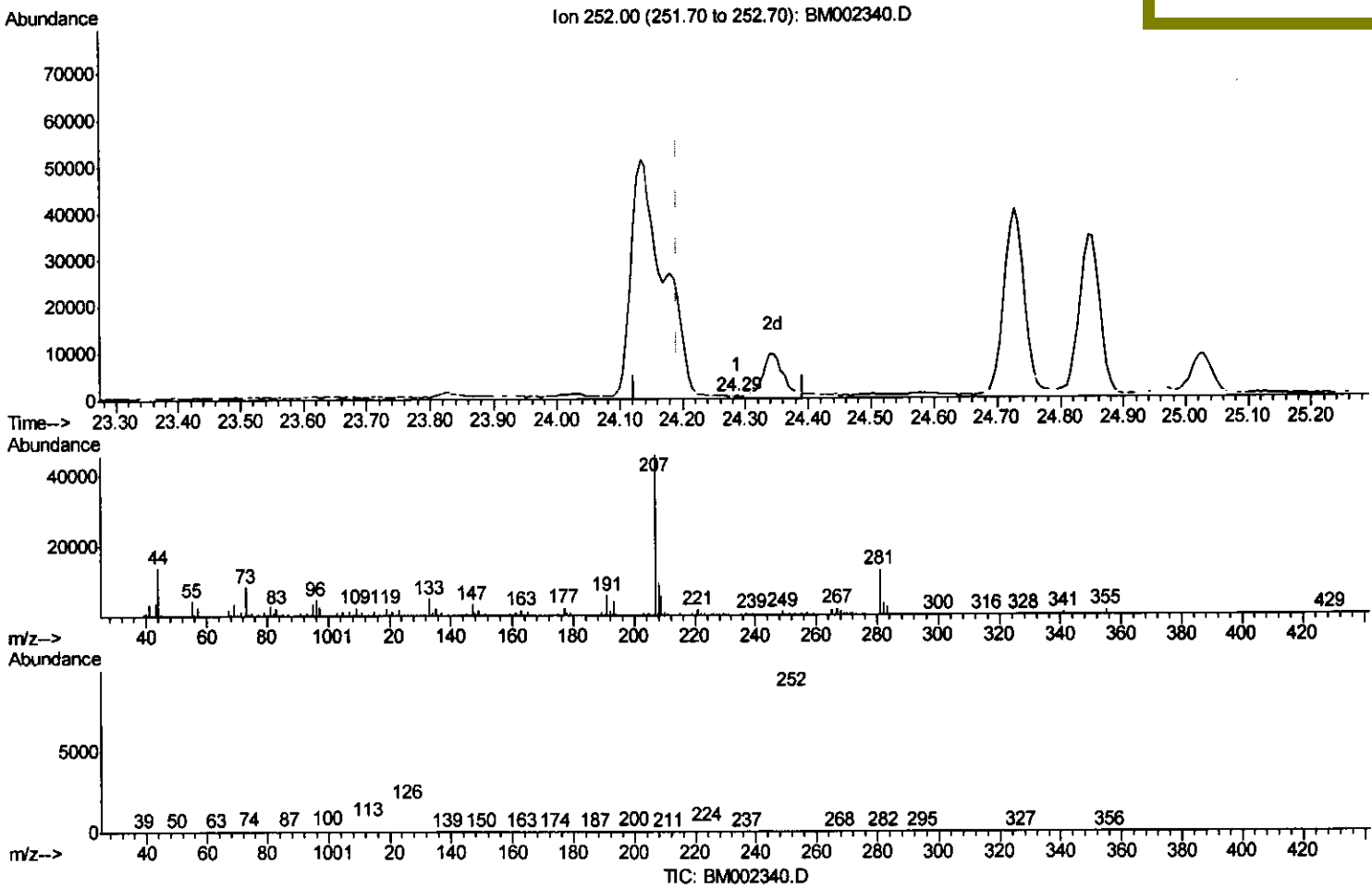
BNA_M
ClientSampleId :
D9C70

Manual Integrations APPROVED
MMDadoda
8/12/2015 2:35:34 PM



(24) Benzo(k)fluoranthene

24.286min (+0.094) 0.00ng/ul

response 54

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	131.94#
125.00	12.80	150.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

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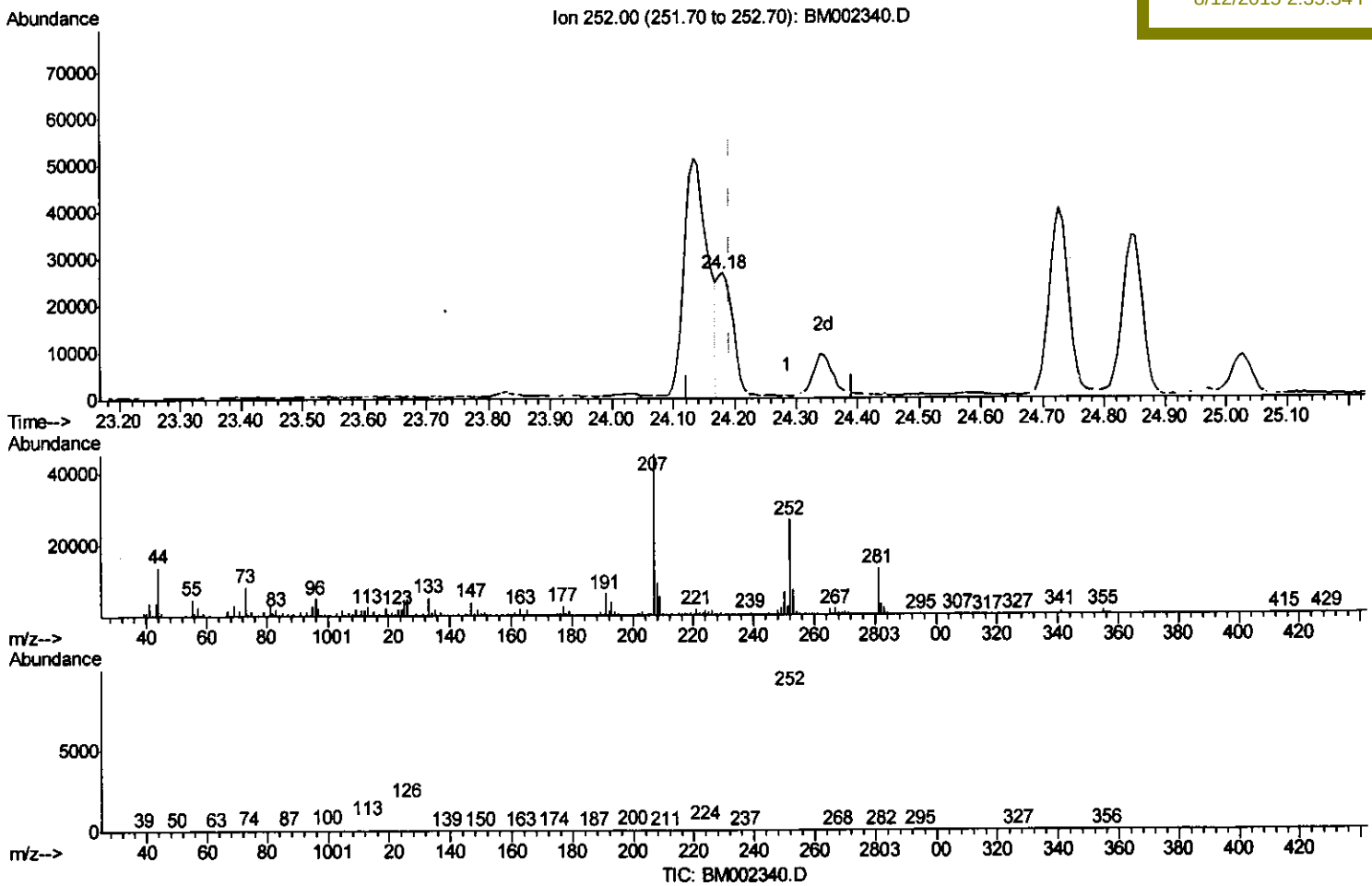
Manual Integrations APPROVED
MMDadoda
8/12/2015 2:35:34 PM



(24) Benzo(k)fluoranthene

24.180min (-0.012) 1.13ng/ul m

response 45770

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	28.15#
125.00	12.80	17.54#
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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8/12/2015 2:35:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	223916	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1045118	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	546553	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1100250	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	872284	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	680424	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1195365	21.11	ng/ul	0.00
10) Fluorene-d10	16.45	176	788748	20.03	ng/ul	0.00
14) Anthracene-d10	18.29	188	1110991	20.81	ng/ul	0.00
18) Pyrene-d10	20.50	212	1053459	24.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	668511	18.50	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.23	178	133383	2.11	ng/ul	99
16) Fluoranthene	20.17	202	223329	3.19	ng/ul	99
19) Pyrene	20.53	202	173062	3.07	ng/ul	97
20) Benzo(a)anthracene	22.26	228	76476	1.44	ng/ul	97
21) Chrysene	22.32	228	95923m	1.90	ng/ul	
23) Benzo(b)fluoranthene	24.13	252	135309	3.20	ng/ul#	96
24) Benzo(k)fluoranthene	24.18	252	45770m	1.13	ng/ul	
26) Benzo(a)pyrene	24.84	252	76985	1.90	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.80	276	76656	1.65	ng/ul	96
29) Benzo(g,h,i)perylene	28.69	276	81584	2.08	ng/ul	97

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

U.M 08/13/15