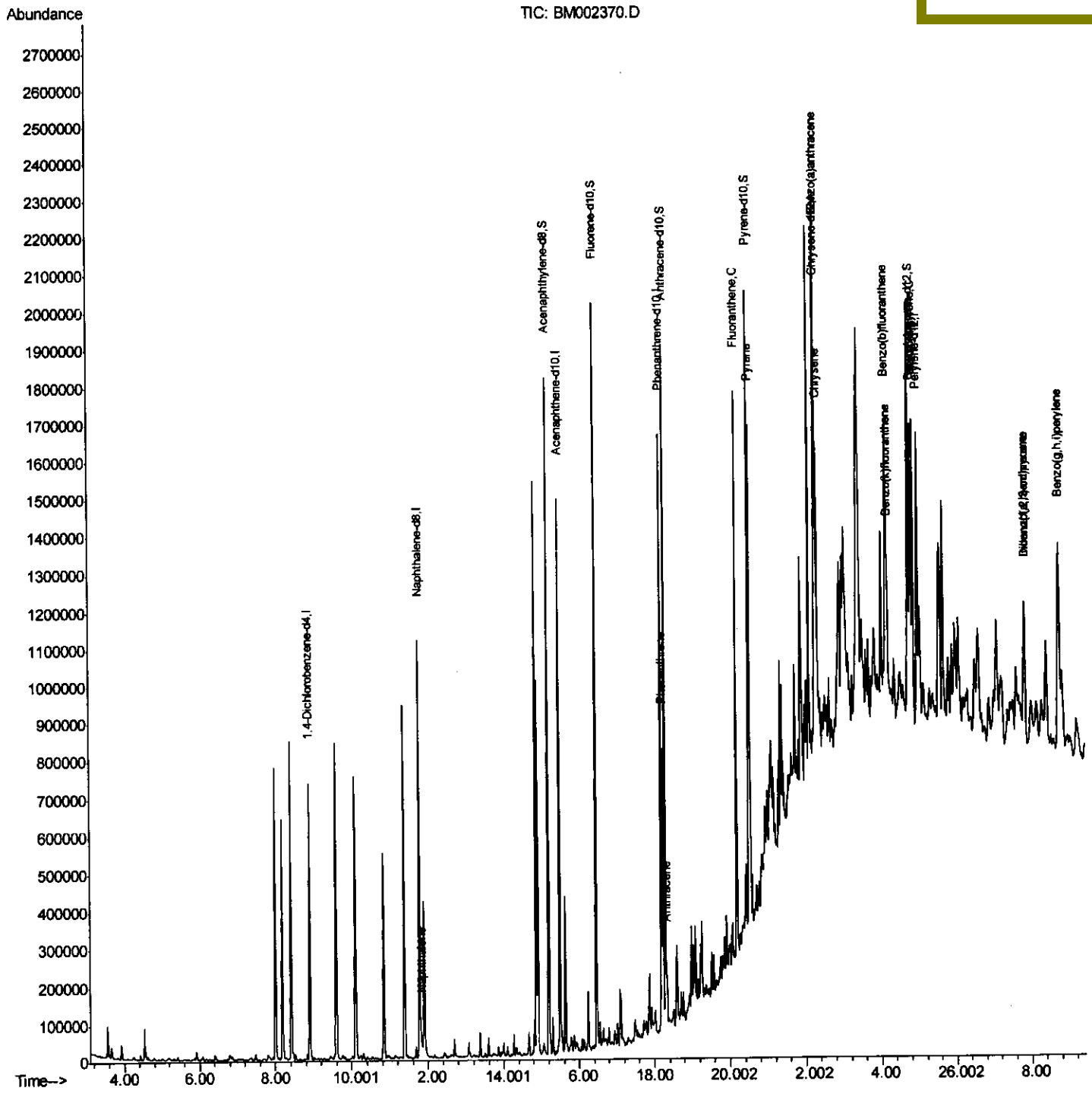
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002370.D
Acq On : 12 Aug 2015 20:45
Operator : UM/IZ
Sample : G3163-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 13 01:00:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D00

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:59 AM



Quantitation Report (Qedit)

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Data File : BM002370.D
Acq On : 12 Aug 2015 20:45
Operator : UM/IZ
Sample : G3163-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 13 00:46:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9D00

Manual Integrations APPROVED
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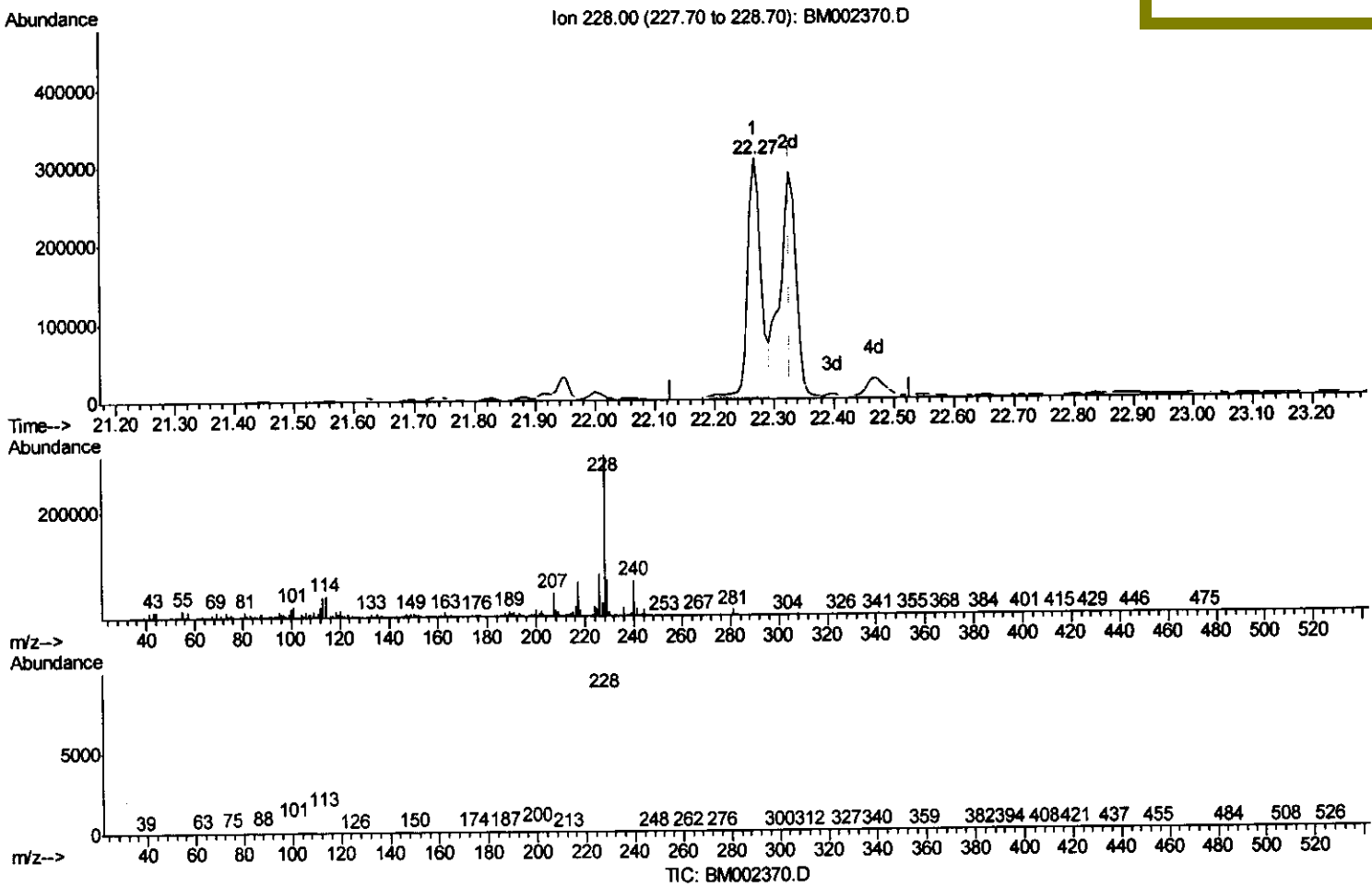
8/13/2015 10:57:59 AM



(21) Chrysene

22.268min (-0.059) 12.87ng/ul

response 478303

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	26.33
229.00	19.40	22.66
0.00	0.00	0.00

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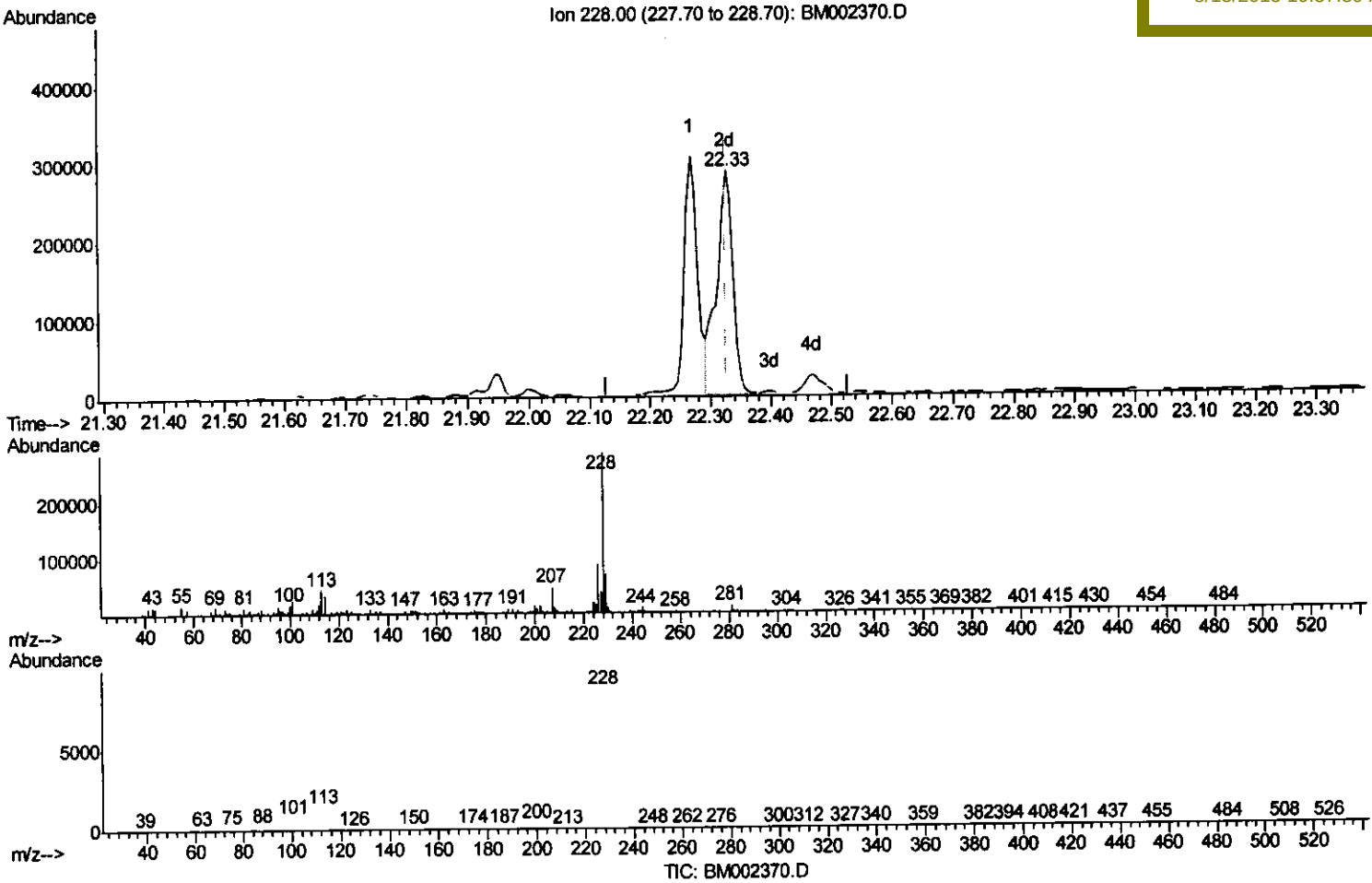
Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:59 AM



(21) Chrysene

22.327min (+0.000) 14.18ng/ul m

response 526866

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.10
229.00	19.40	23.97#
0.00	0.00	0.00

U.M 08/13/15

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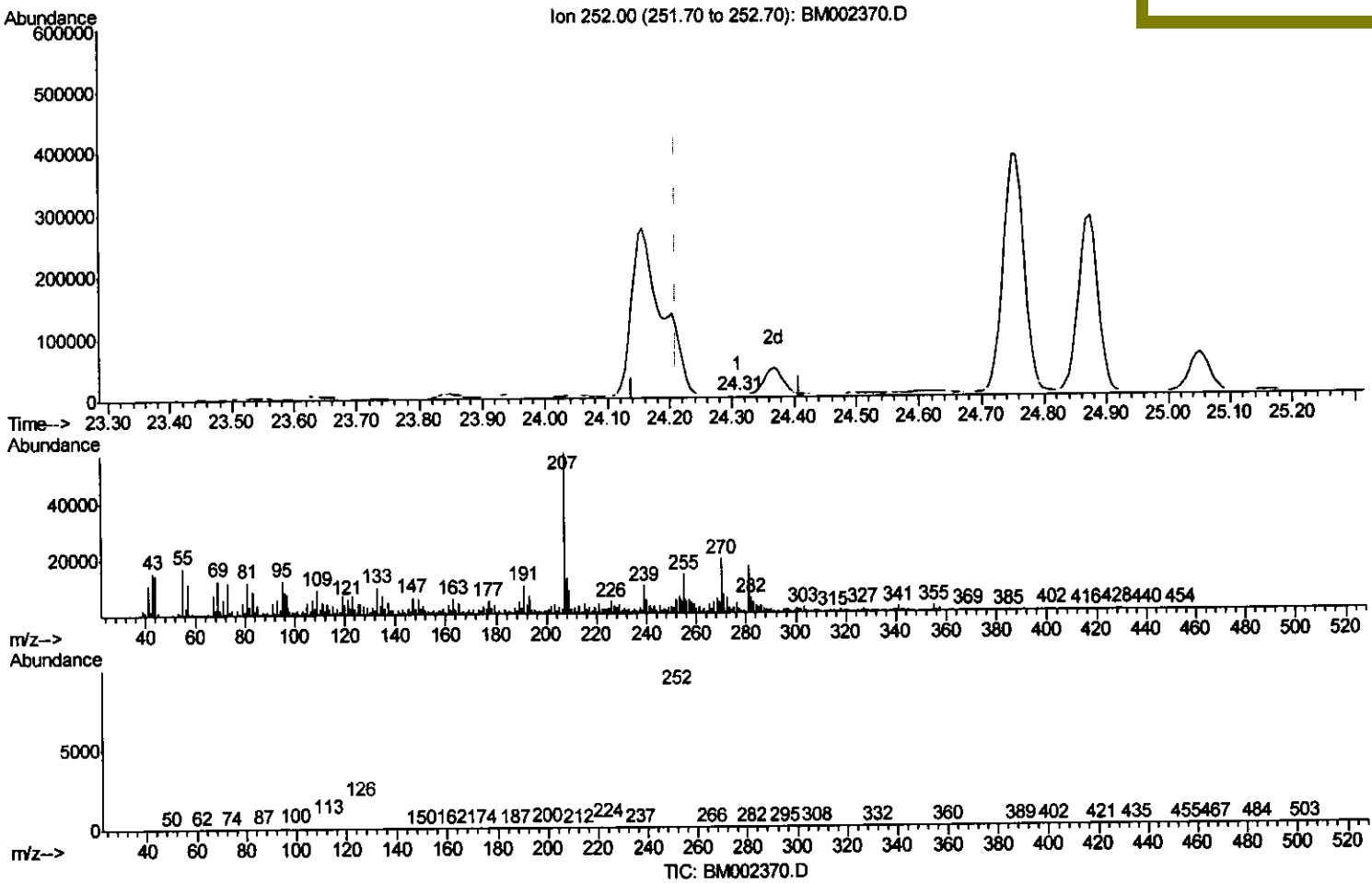
Instrument :
BNA_M
ClientSampleId :
D9D00

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:59 AM



(24) Benzo(k)fluoranthene

24.309min (+0.100) 0.03ng/ul

response 1225

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	121.74#
125.00	12.80	85.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

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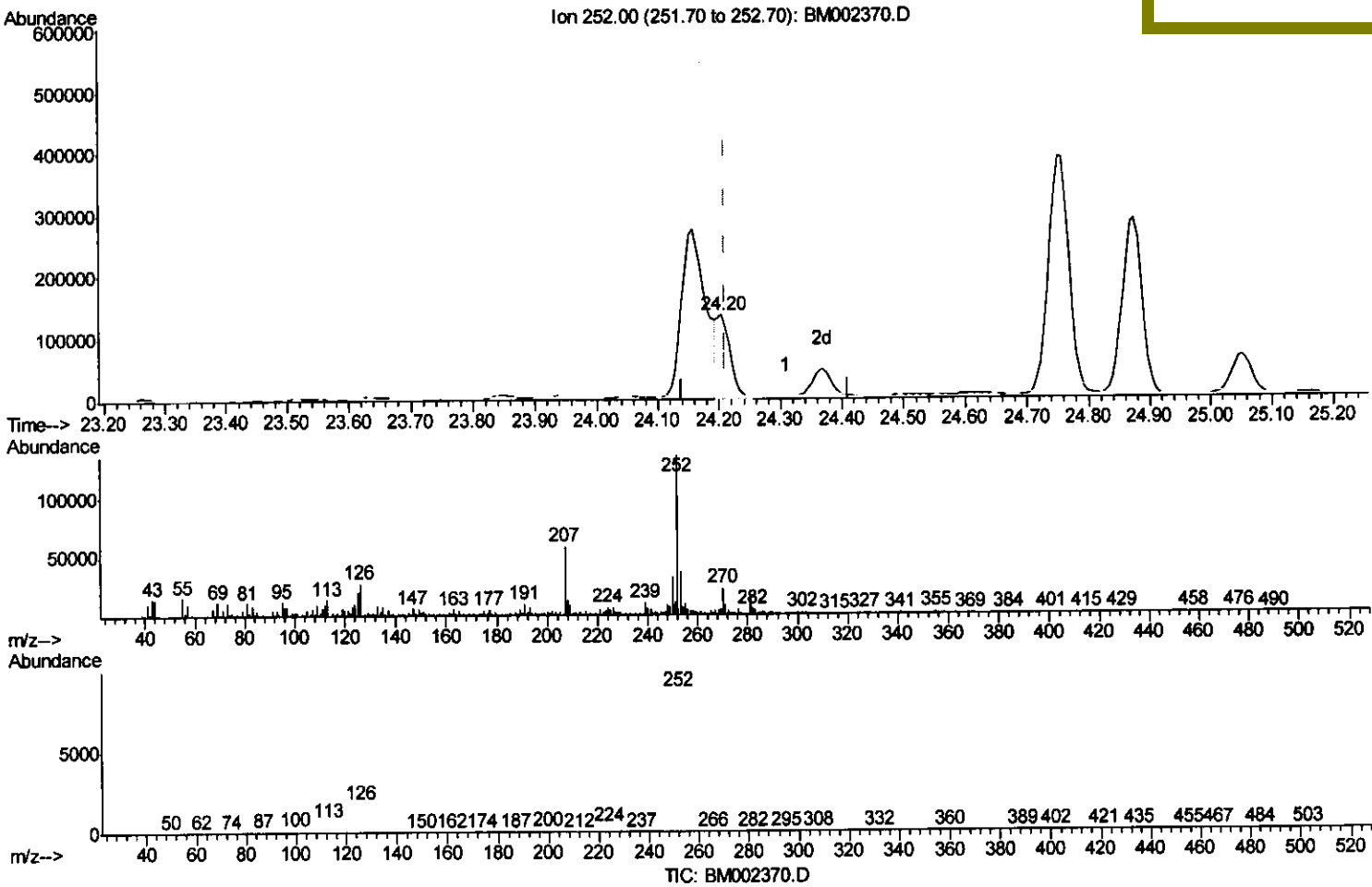
Instrument :
BNA_M
ClientSampleId :
D9D00

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:59 AM



(24) Benzo(k)fluoranthene

24.203min (-0.006) 5.51ng/ul m

response 213082

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	26.87#
125.00	12.80	14.88
0.00	0.00	0.00

U.M 08/13/15

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Instrument : BNA_M
ClientSampleId : D9D00

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:57:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	215347	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1001298	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	511012	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	897152	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	642386	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	647784	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1316665	24.87	ng/ul	0.00
10) Fluorene-d10	16.46	176	825629	22.43	ng/ul	0.00
14) Anthracene-d10	18.30	188	1042843	23.96	ng/ul	0.00
18) Pyrene-d10	20.52	212	794826	25.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	633803	18.43	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.83	128	52819	1.00	ng/ul	99
13) Phenanthrene	18.24	178	459611	8.90	ng/ul	100
15) Anthracene	18.33	178	101129	1.90	ng/ul	98
16) Fluoranthene	20.19	202	903981	15.81	ng/ul	100
19) Pyrene	20.54	202	747830	18.01	ng/ul	97
20) Benzo(a)anthracene	22.27	228	479496	12.23	ng/ul	97
21) Chrysene	22.33	228	526866m	14.18	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	730051	18.13	ng/ul	97
24) Benzo(k)fluoranthene	24.20	252	213082m	5.51	ng/ul	
26) Benzo(a)pyrene	24.87	252	639435	16.60	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	377855	8.56	ng/ul	98
28) Dibenzo(a,h)anthracene	27.84	278	130061	3.48	ng/ul#	60
29) Benzo(g,h,i)perylene	28.74	276	776547	20.84	ng/ul	95

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