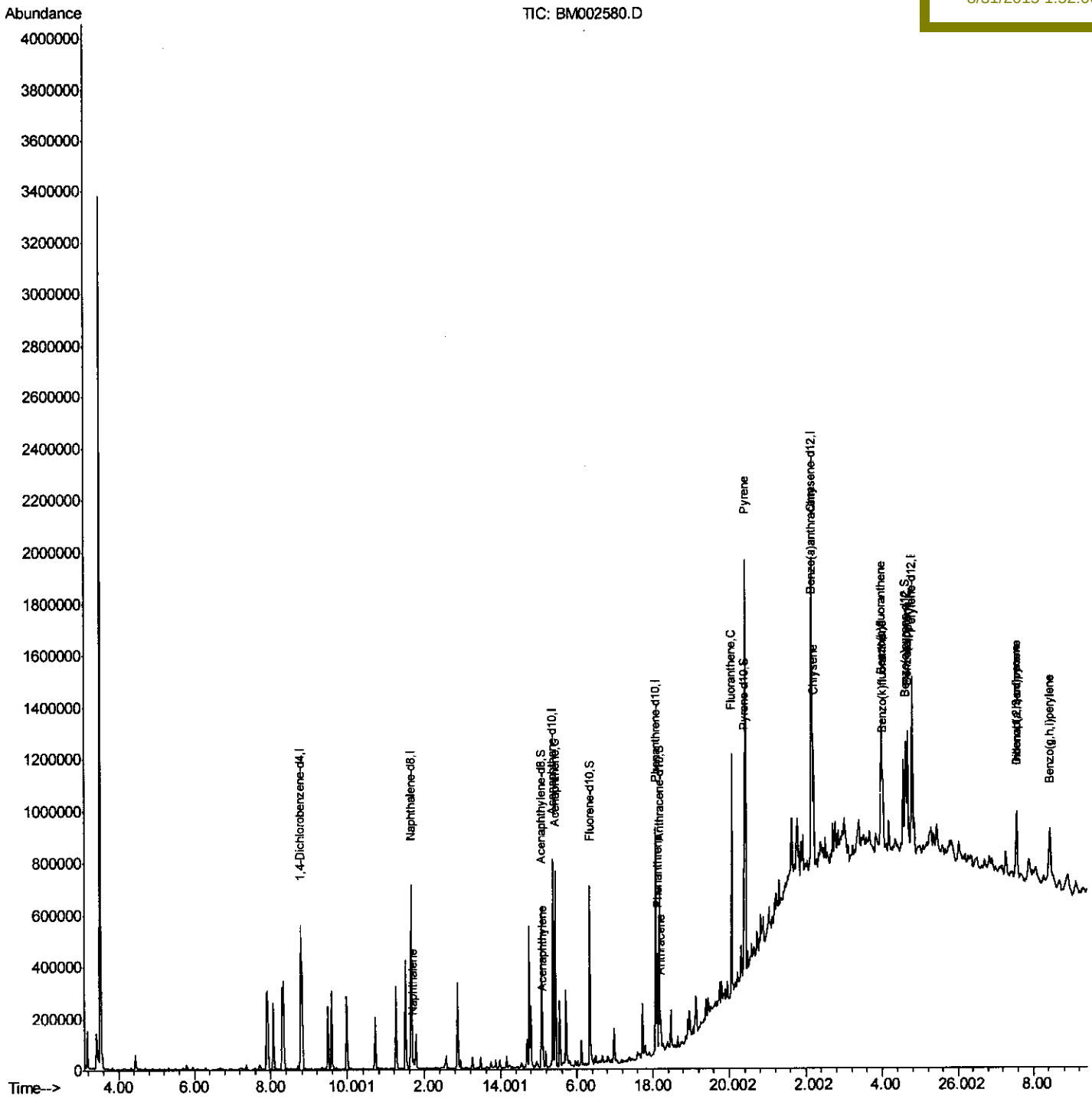
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002580.D
Acq On : 30 Aug 2015 00:34
Operator : UM/IZ
Sample : G3455-18MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 31 01:44:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E82MS

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:52:06 PM



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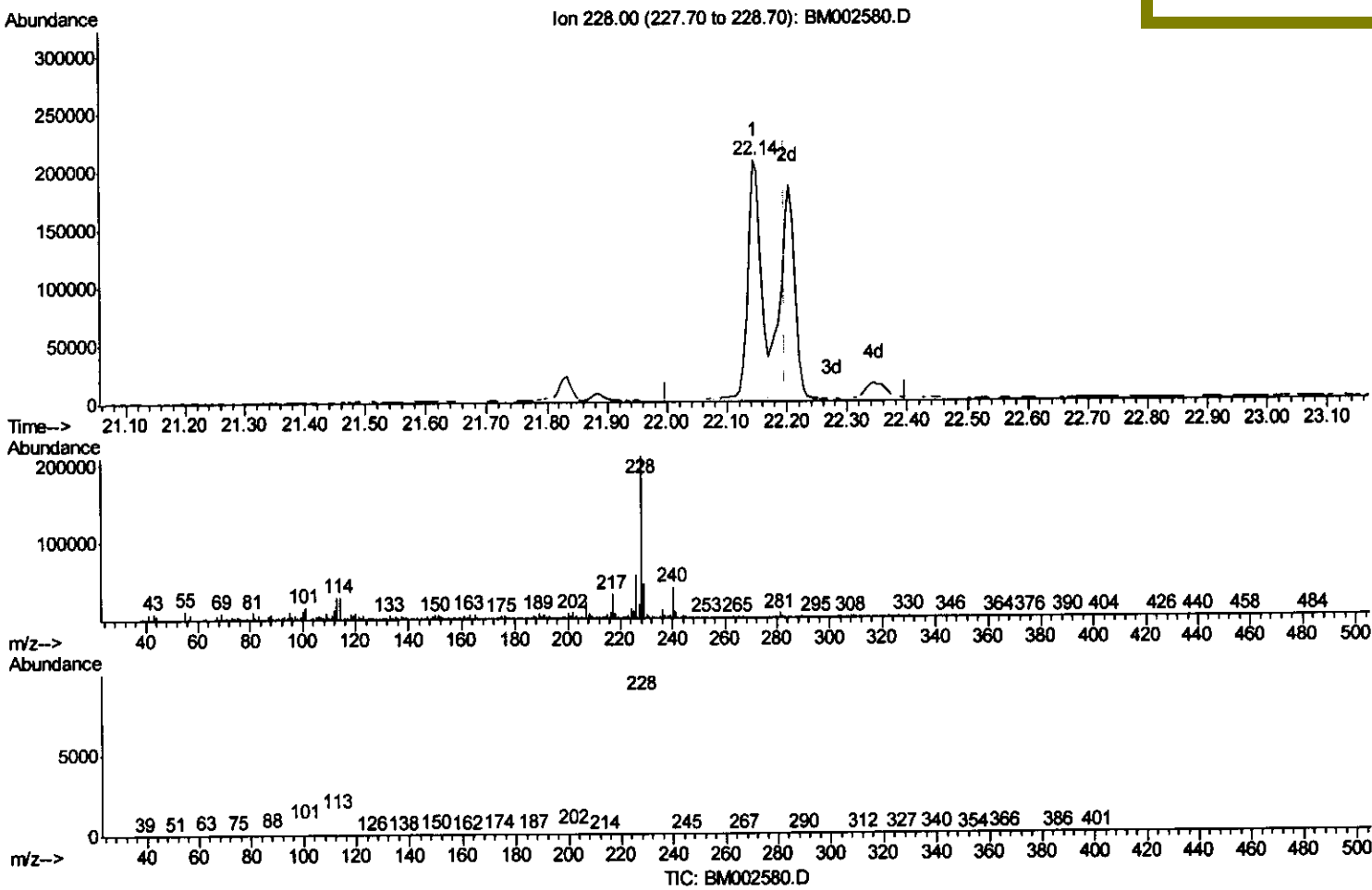

(21) Chrysene

22.144min (-0.053) 10.82ng/ul

response 320538

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	26.92
229.00	19.60	21.48
0.00	0.00	0.00

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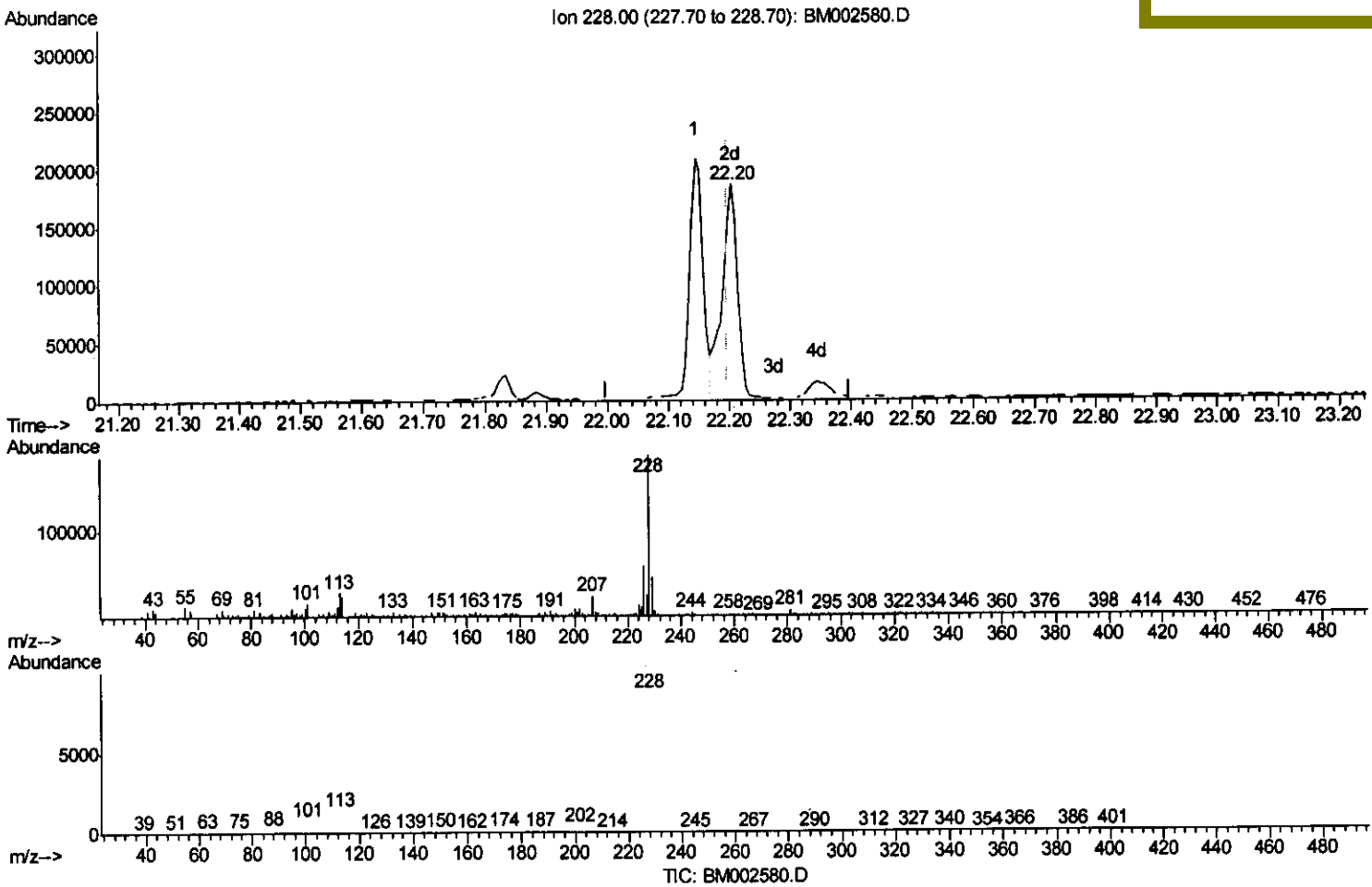

(21) Chrysene

22.203min (+0.006) 10.77ng/ul m

response 319015

U.M 9/1/15

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.64
229.00	19.60	24.15#
0.00	0.00	0.00

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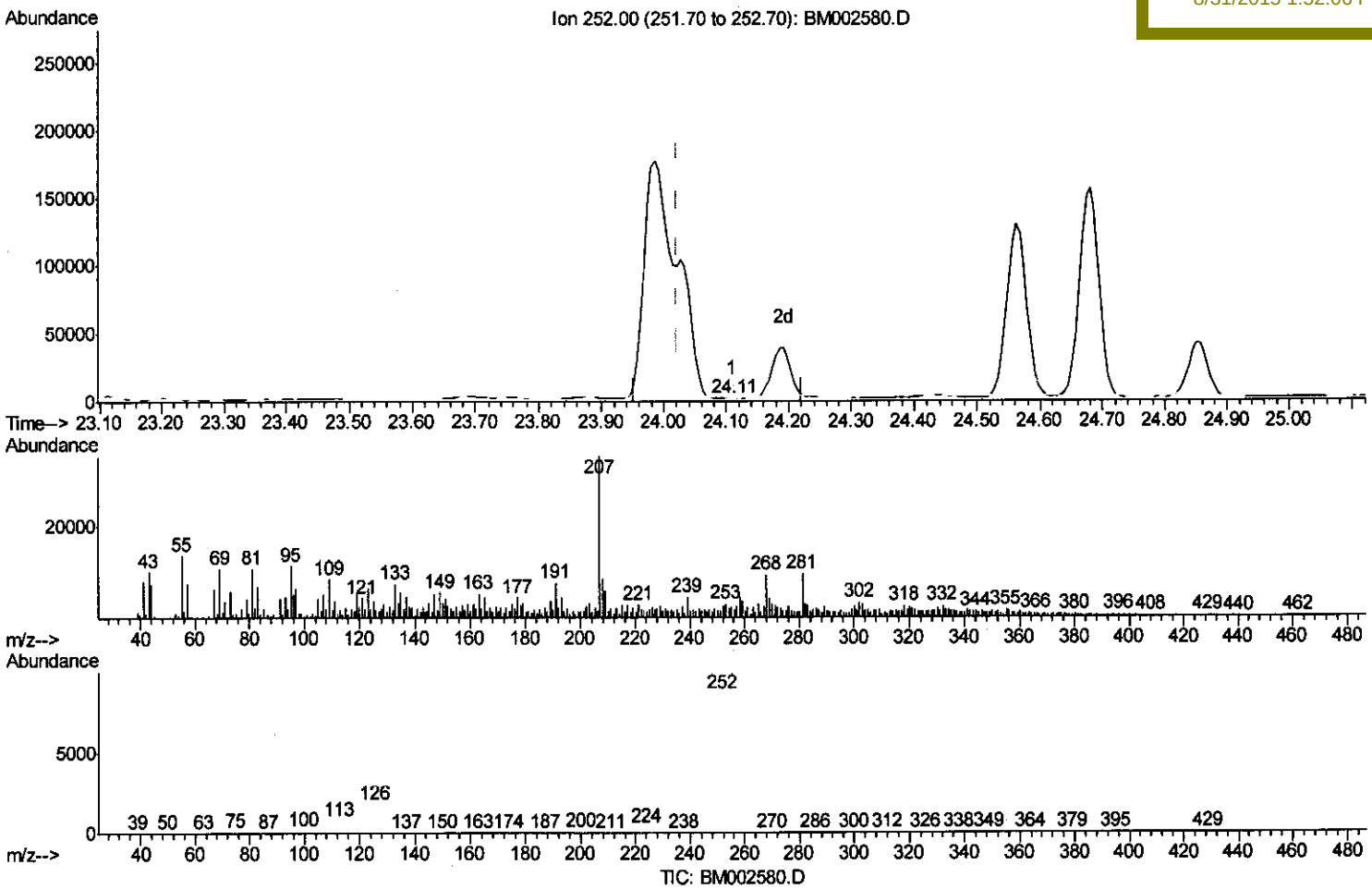
Instrument :
BNA_M
ClientSampleId :
D9E82MS

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:52:06 PM



(24) Benzo(k)fluoranthene

24.109min (+0.088) 0.01ng/ul

response 280

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	118.78#
125.00	12.30	143.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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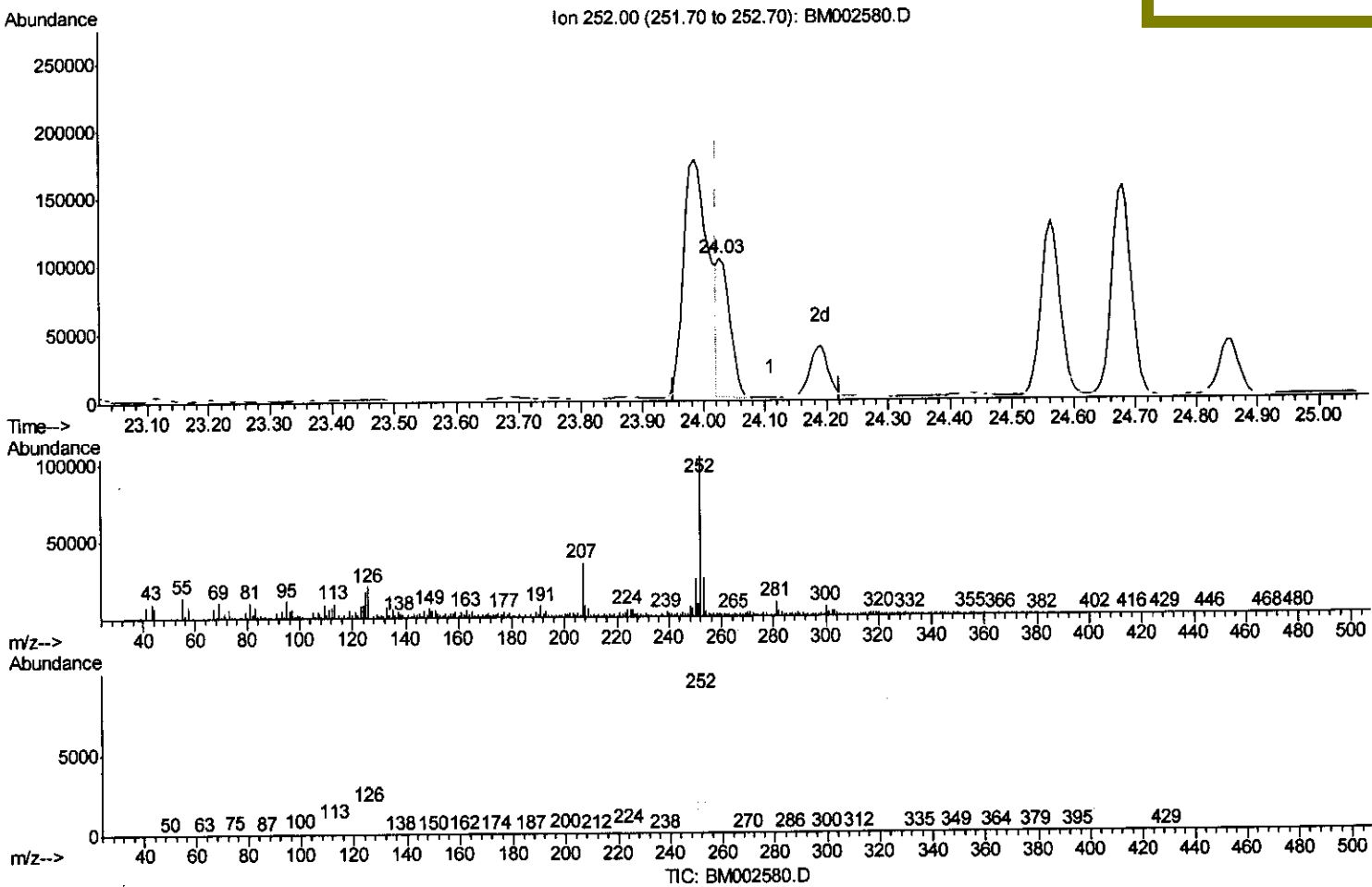
Manual Integrations APPROVED
MMDadoda
8/31/2015 1:52:06 PM



(24) Benzo(k)fluoranthene

24.027min (+0.006) 4.24ng/ul m U.M 9/1/15

response 136056

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.30
125.00	12.30	16.93#
0.00	0.00	0.00

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ClientSampleId : D9E82MS

Manual Integrations APPROVED
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8/31/2015 1:52:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	167992	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	658549	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	282538	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	513430	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	529732	20.00	ng/ul	0.00
22) Perylene-d12	24.80	264	560022	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	453439	15.70	ng/ul	0.00
10) Fluorene-d10	16.34	176	285314	14.06	ng/ul	0.00
14) Anthracene-d10	18.18	188	378649	15.29	ng/ul	0.00
18) Pyrene-d10	20.40	212	361579	15.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.63	264	329350	11.20	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.70	128	37868	1.13	ng/ul	99
8) Acenaphthylene	15.10	152	74910	2.48	ng/ul	98
9) Acenaphthene	15.43	153	313906	15.76	ng/ul	99
13) Phenanthrene	18.12	178	233388	7.87	ng/ul	99
15) Anthracene	18.22	178	73304	2.44	ng/ul	99
16) Fluoranthene	20.07	202	546665	16.29	ng/ul	96
19) Pyrene	20.43	202	958748	30.89	ng/ul	98
20) Benzo(a)anthracene	22.14	228	320598	10.12	ng/ul	98
21) Chrysene	22.20	228	319015m	10.77	ng/ul	
23) Benzo(b)fluoranthene	23.99	252	500310	14.78	ng/ul#	95
24) Benzo(k)fluoranthene	24.03	252	136056m	4.24	ng/ul	
26) Benzo(a)pyrene	24.68	252	338342	10.46	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	27.57	276	276249	7.43	ng/ul	97
28) Dibenzo(a,h)anthracene	27.56	278	86814	2.79	ng/ul#	72
29) Benzo(g,h,i)perylene	28.43	276	306056	9.89	ng/ul	96

U.M 9/1/15

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