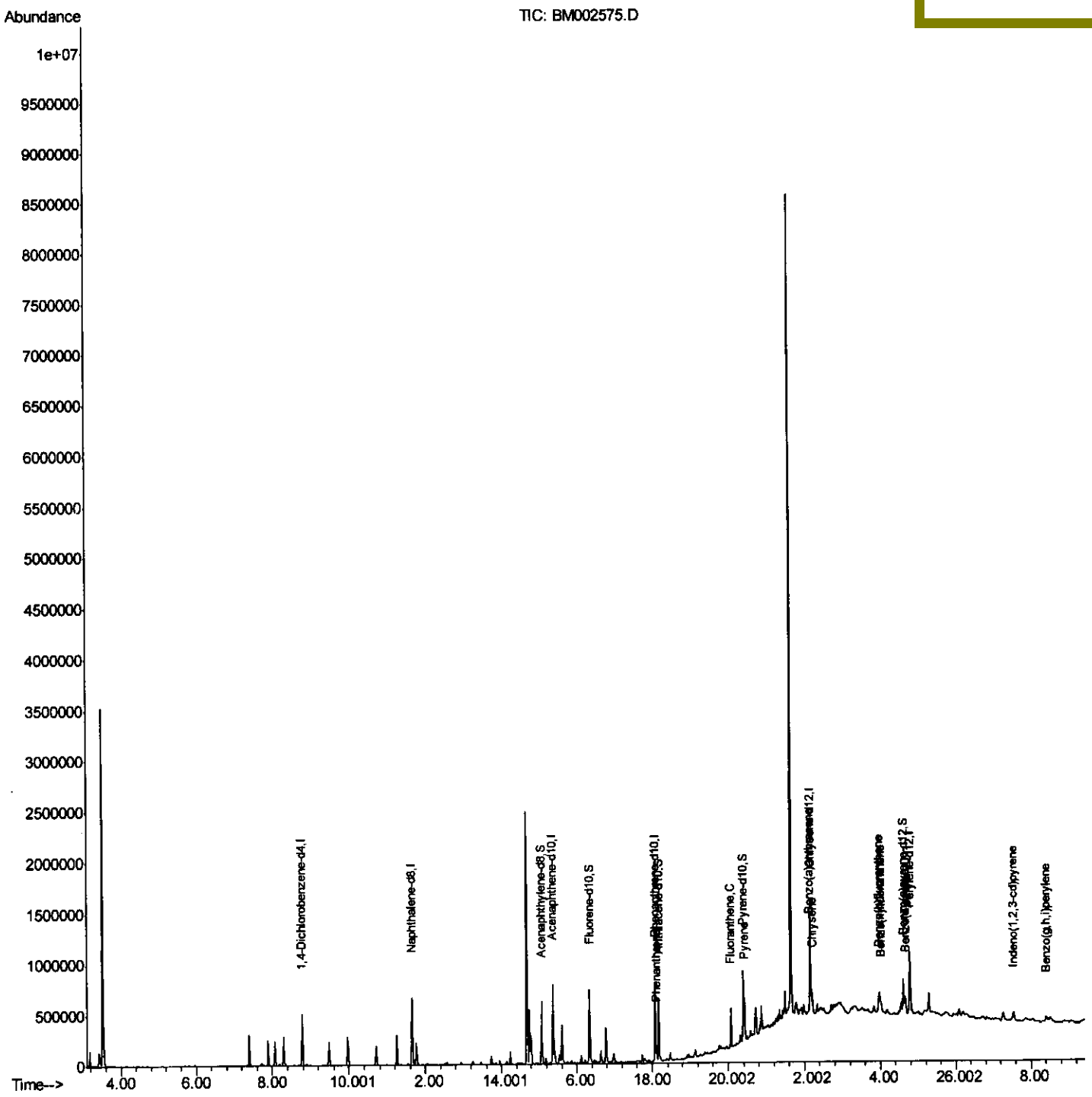
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002575.D
Acq On : 29 Aug 2015 21:32
Operator : UM/IZ
Sample : G3455-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 31 01:33:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E79

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:33 PM



Quantitation Report (Qedit)

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Data File : BM002575.D
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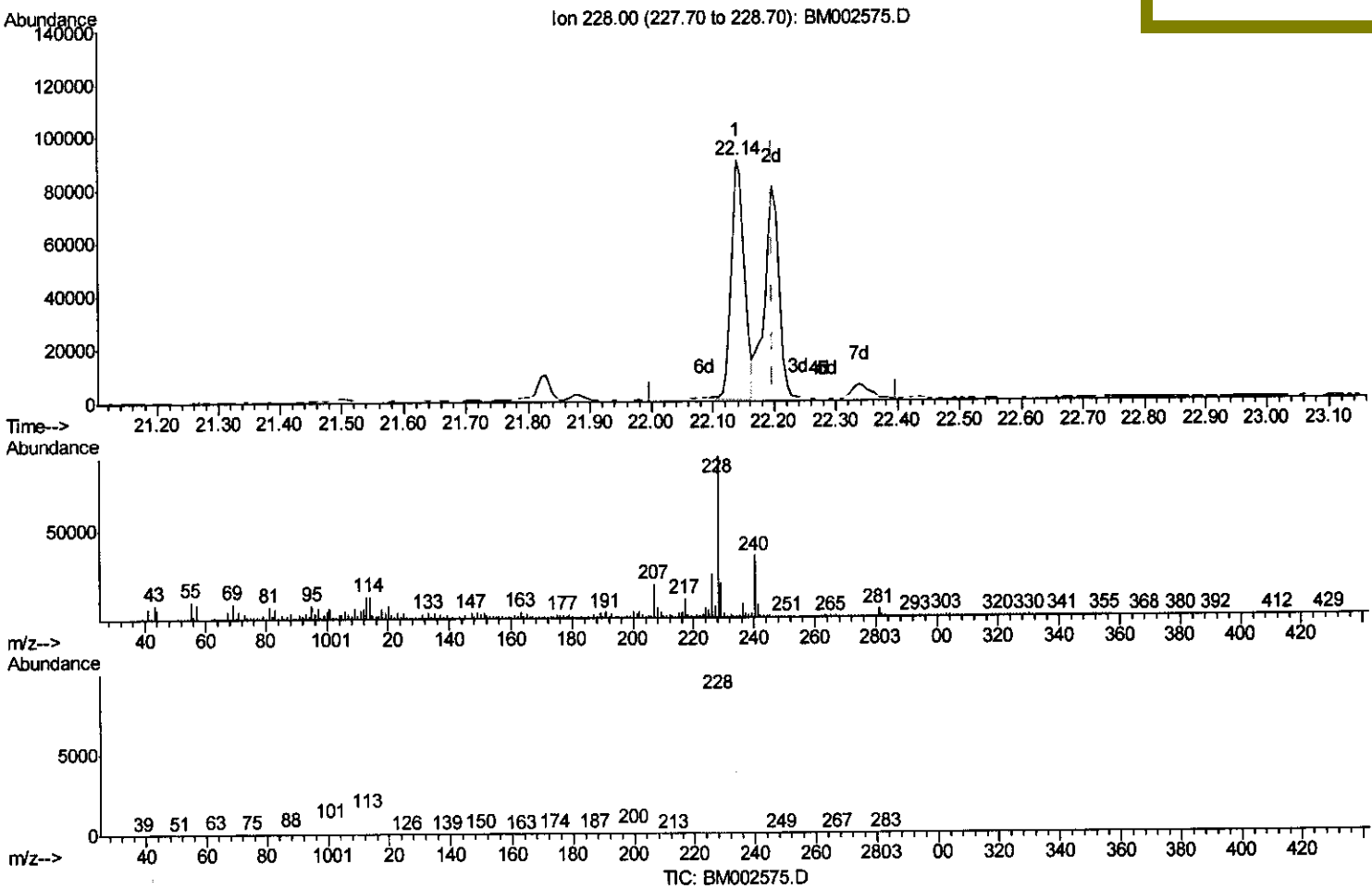

(21) Chrysene

22.139min (-0.059) 4.89ng/ul

response 133556

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	26.87
229.00	19.60	21.32
0.00	0.00	0.00

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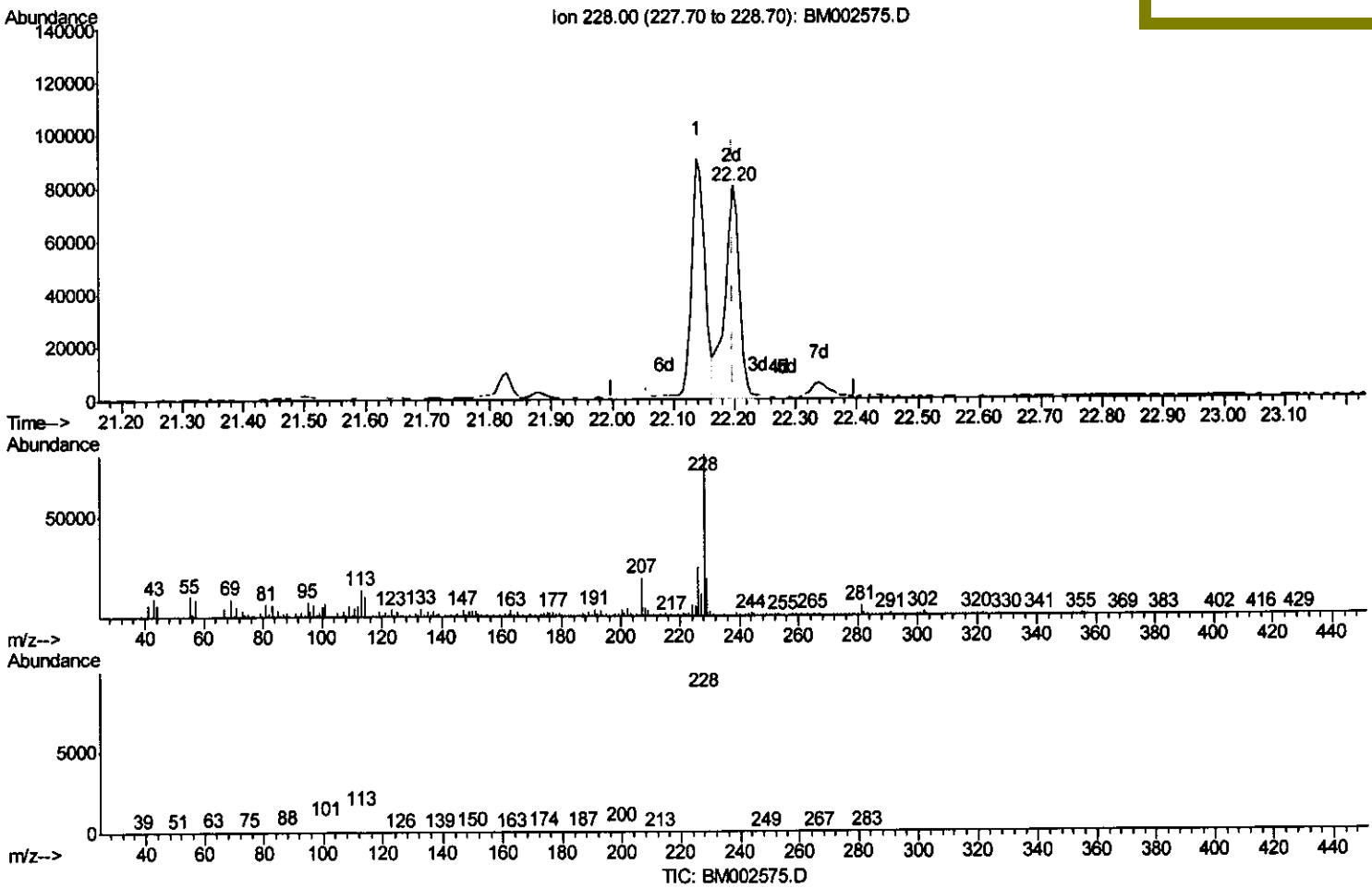

(21) Chrysene

22.197min (+0.000) 4.88ng/ul m U.M 9/1/15

response 133263

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.17
229.00	19.60	23.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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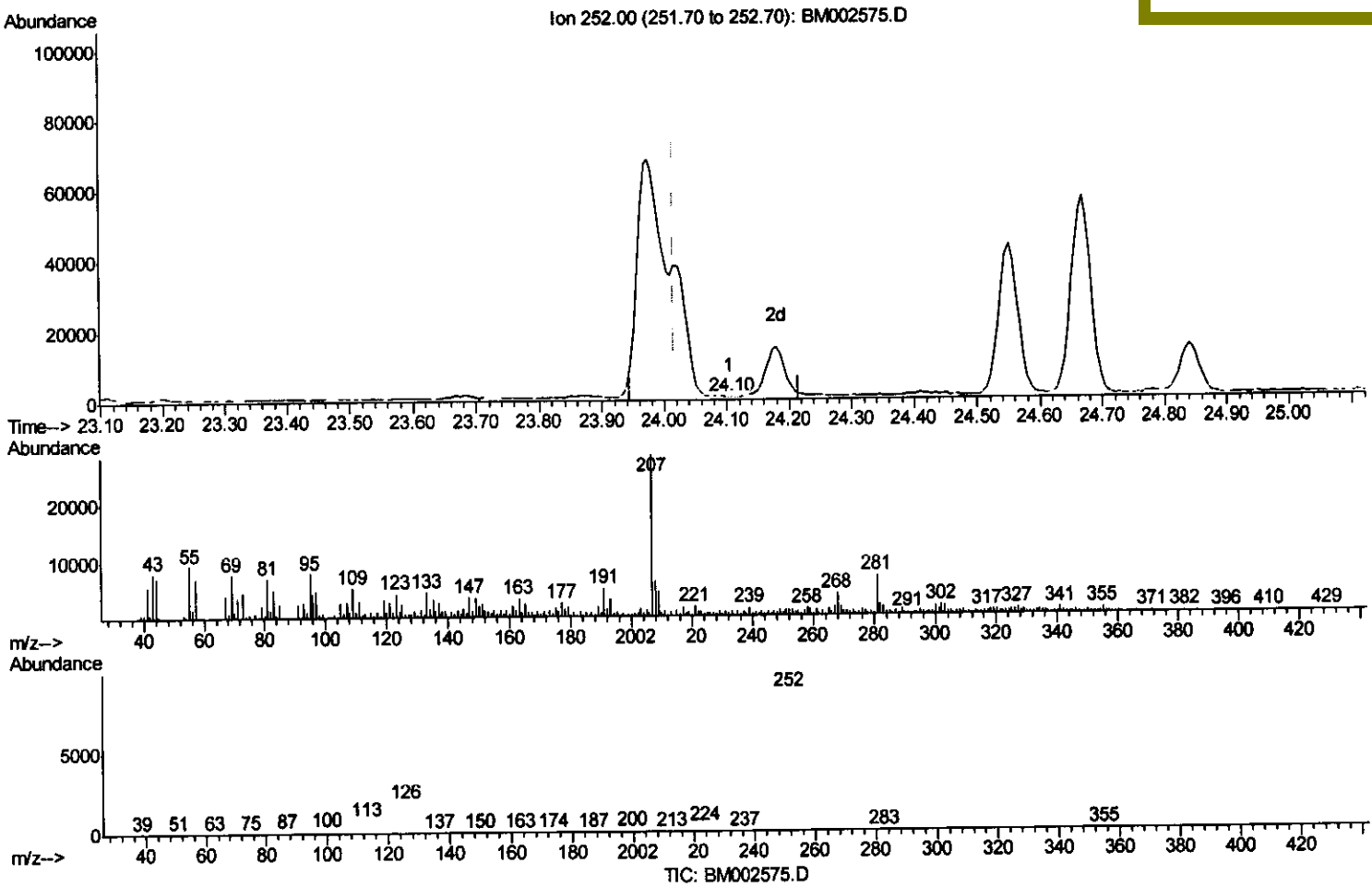
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E79

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:33 PM



(24) Benzo(k)fluoranthene

24.103min (+0.088) 0.01ng/ul

response 238

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	106.21#
125.00	12.30	215.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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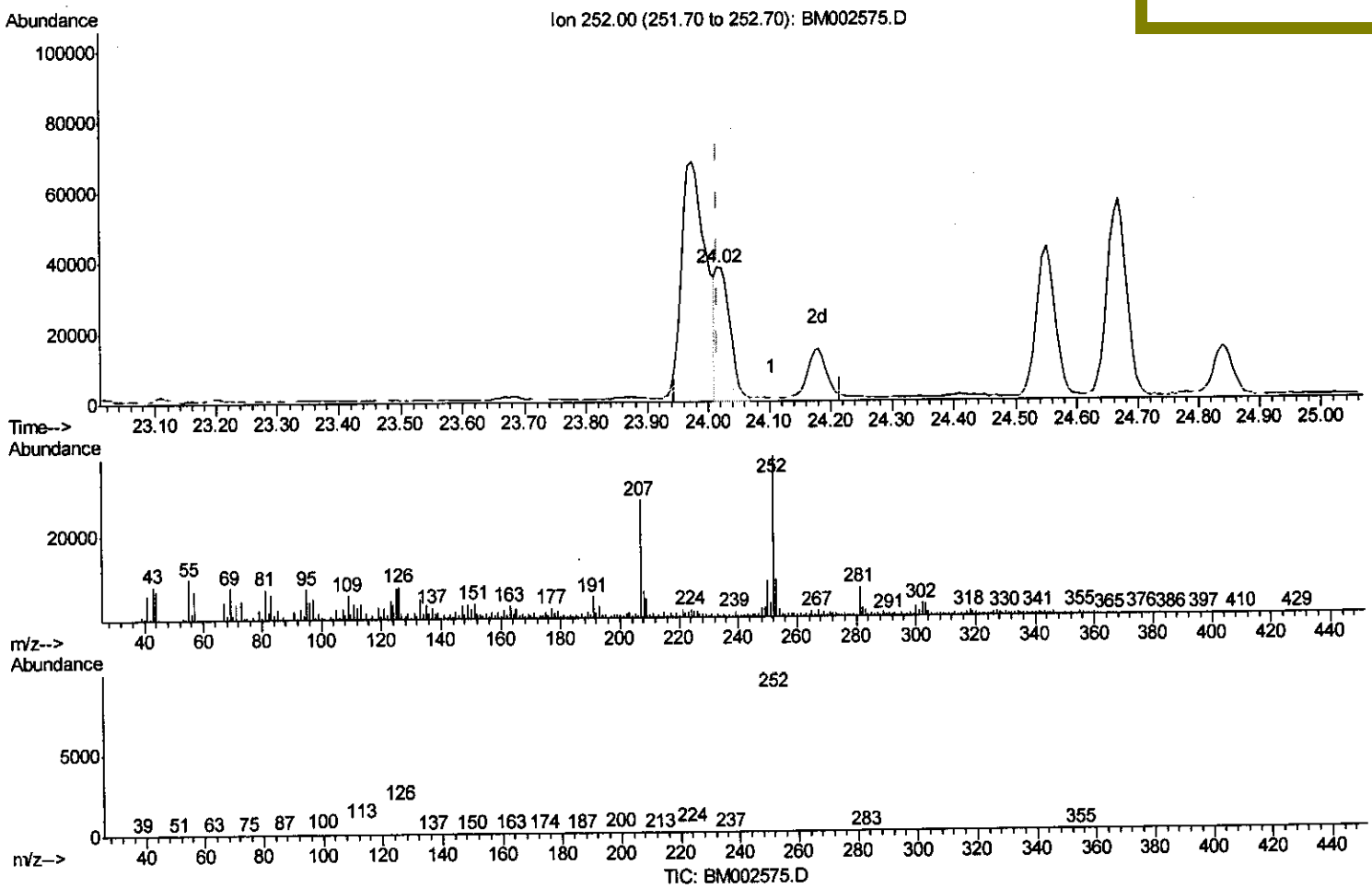
Instrument :
BNA_M
ClientSampleId :
D9E79

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:33 PM



(24) Benzo(k)fluoranthene

24.015min (+0.000) 2.08ng/ul m U.M 9/1/15

response 61463

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.26
125.00	12.30	19.61#
0.00	0.00	0.00

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Instrument : BNA_M
ClientSampleId : D9E79

Manual Integrations APPROVED
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8/31/2015 1:51:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	155156	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	616905	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	265528	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	483024	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	488149	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	514736	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	453734	16.71	ng/ul	0.00
10) Fluorene-d10	16.34	176	282789	14.83	ng/ul	0.00
14) Anthracene-d10	18.17	188	360281	15.46	ng/ul	0.00
18) Pyrene-d10	20.40	212	323830	14.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	272375	10.07	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	97697	3.50	ng/ul	99
16) Fluoranthene	20.07	202	234737	7.43	ng/ul	97
19) Pyrene	20.43	202	202559	7.08	ng/ul	99
20) Benzo(a)anthracene	22.14	228	133879	4.59	ng/ul	98
21) Chrysene	22.20	228	133263m	4.88	ng/ul	
23) Benzo(b)fluoranthene	23.97	252	188126	6.05	ng/ul#	94
24) Benzo(k)fluoranthene	24.02	252	61463m	2.08	ng/ul	
26) Benzo(a)pyrene	24.67	252	123124	4.14	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.54	276	92747	2.71	ng/ul	95
29) Benzo(g,h,i)perylene	28.40	276	83282	2.93	ng/ul	93

U.M 9/1/15

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