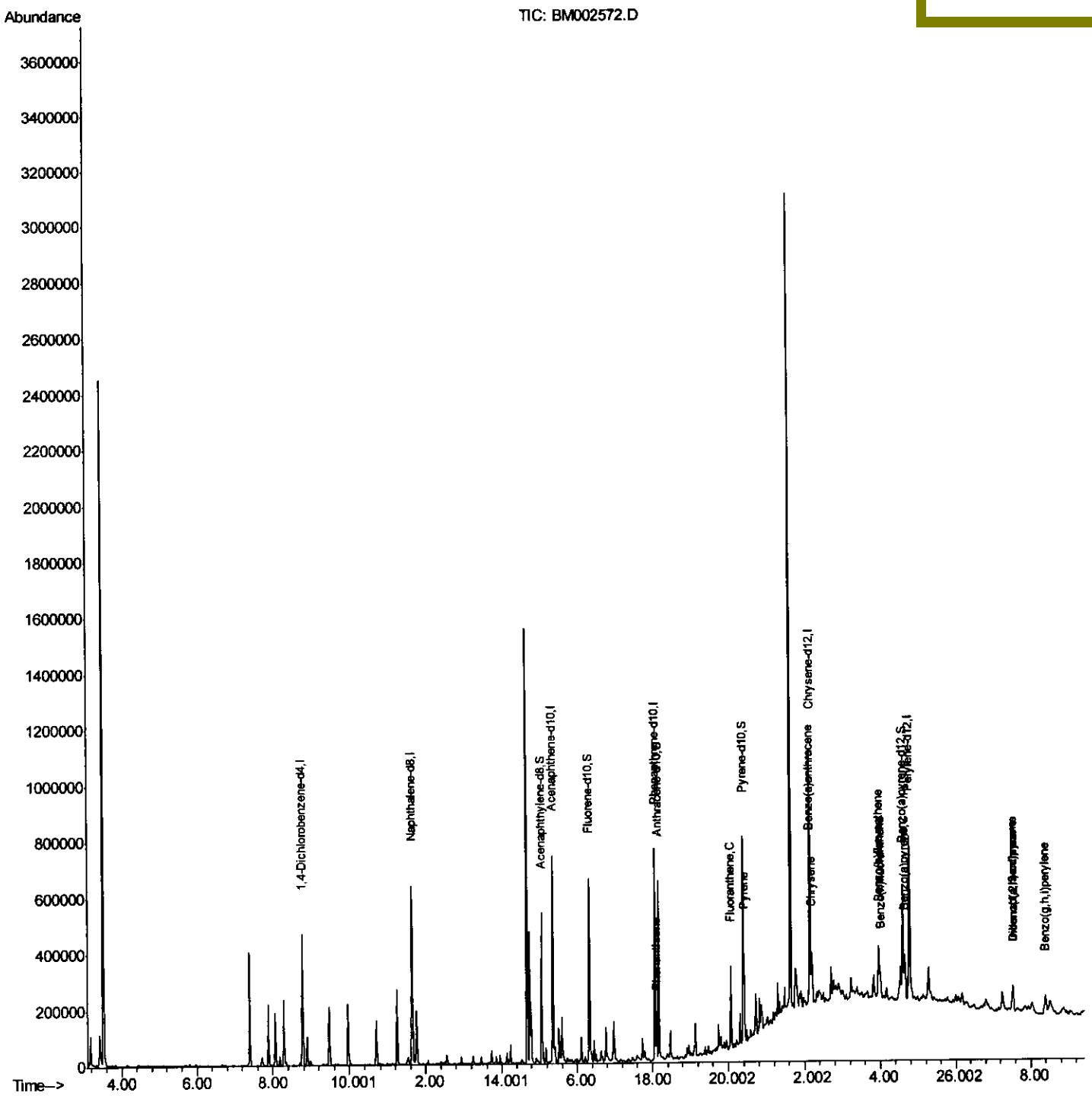
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002572.D
Acq On : 29 Aug 2015 19:43
Operator : UM/IZ
Sample : G3455-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 31 01:28:05 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 :
D9E76

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:16 PM



Quantitation Report (Qedit)

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Data File : BM002572.D
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Quant Time: Aug 31 01:13:01 2015
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Quant Title : SVOA CALIBRATION
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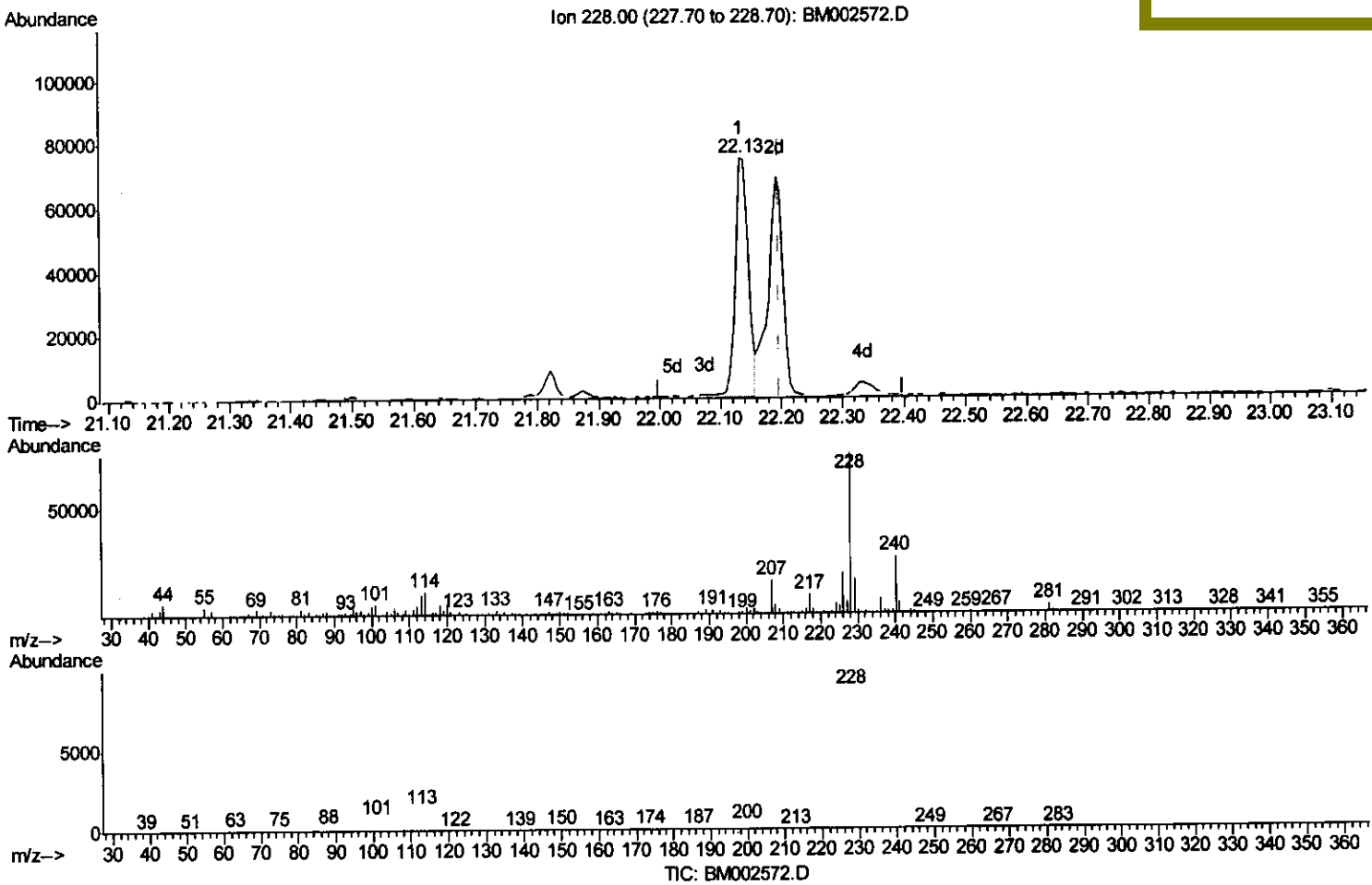

(21) Chrysene

22.133min (-0.065) 4.51ng/ul

response 111301

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	25.85
229.00	19.60	21.37
0.00	0.00	0.00

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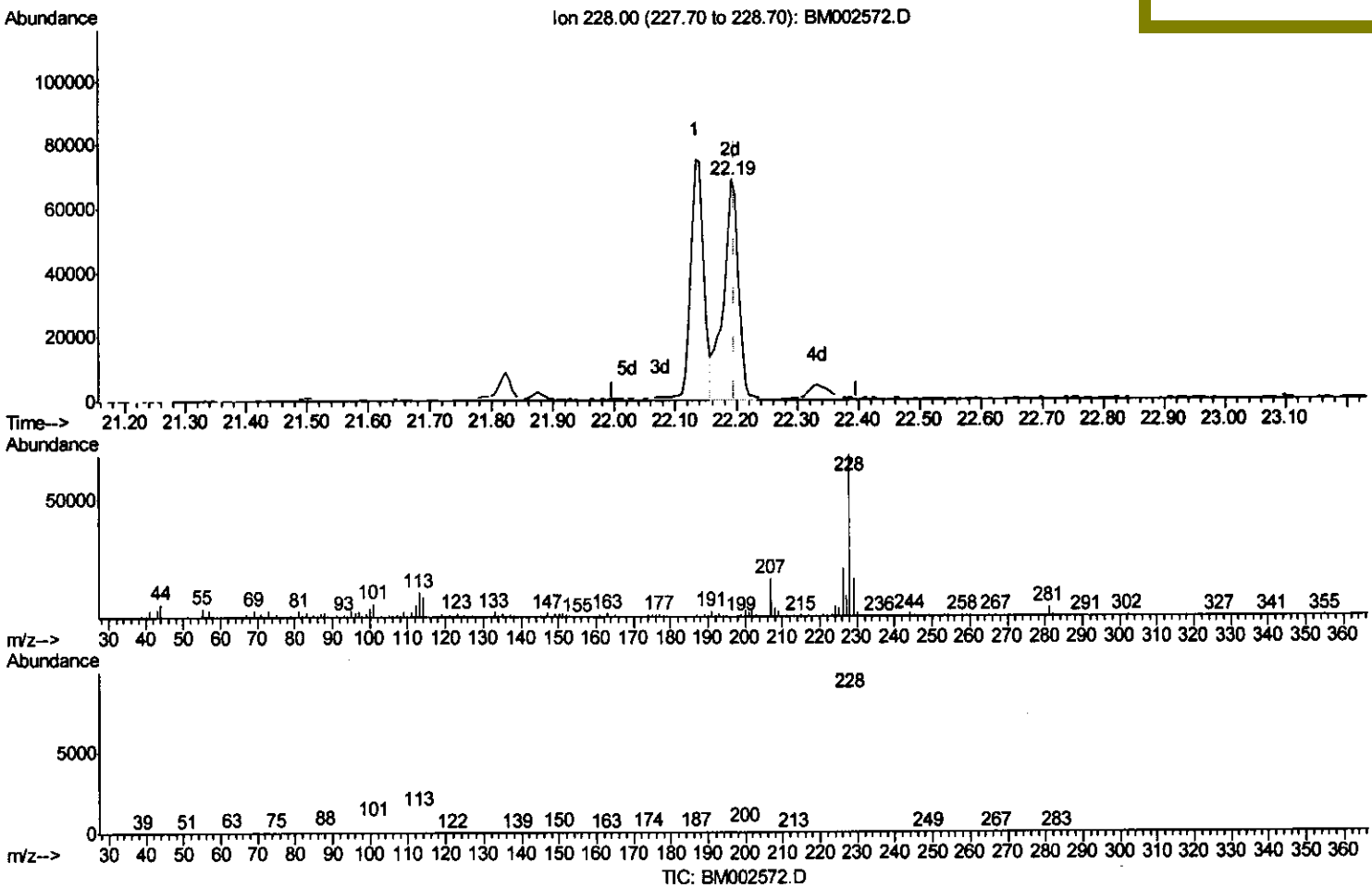

TIC: BM002572.D

(21) Chrysene

22.192min (-0.006) 4.80ng/ul m U.M
9/1/15

response 118276

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.25
229.00	19.60	23.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

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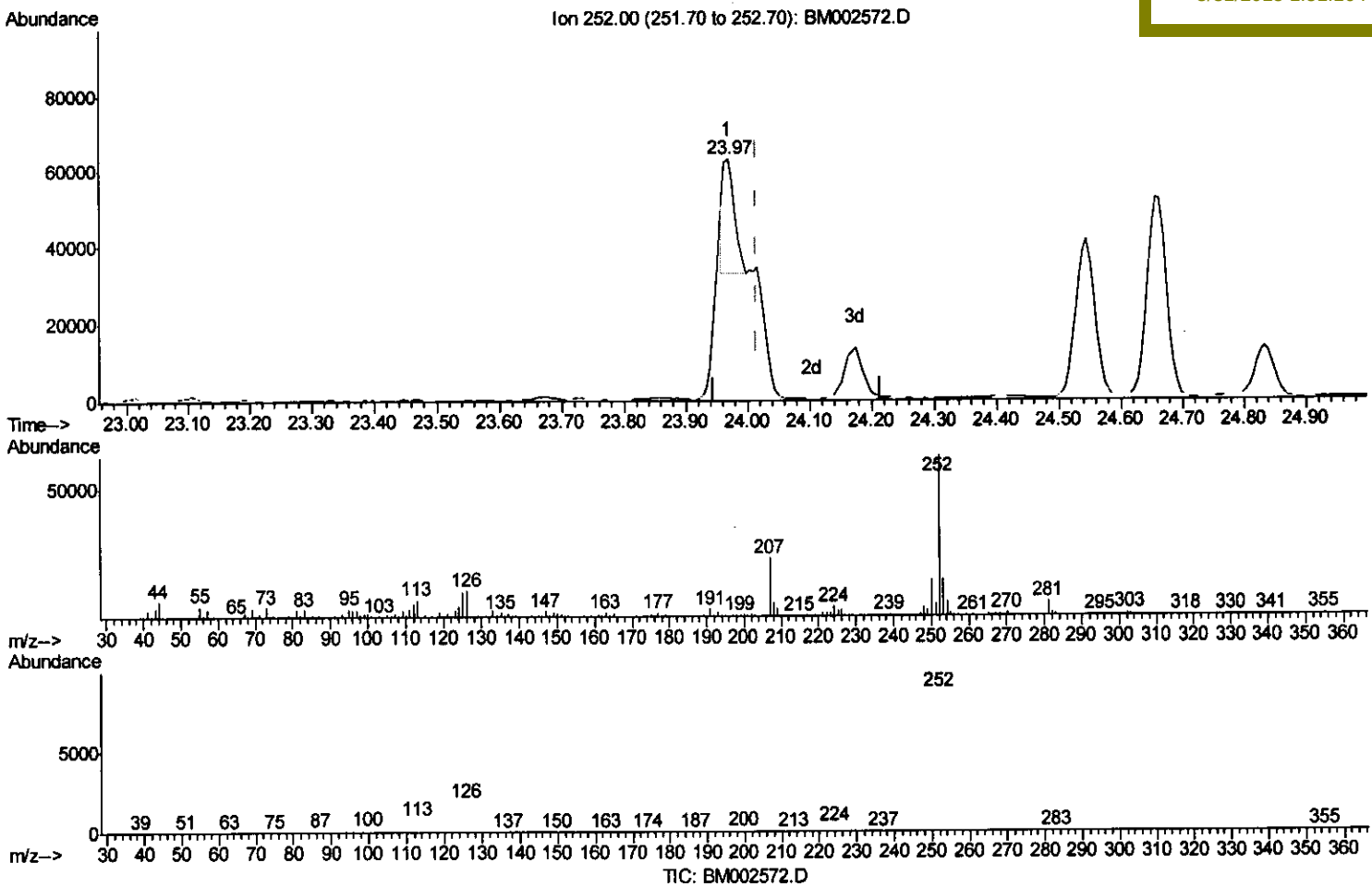
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9E76

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:16 PM



(24) Benzo(k)fluoranthene

23.968min (-0.047) 1.45ng/ul

response 38735

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.12
125.00	12.30	15.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

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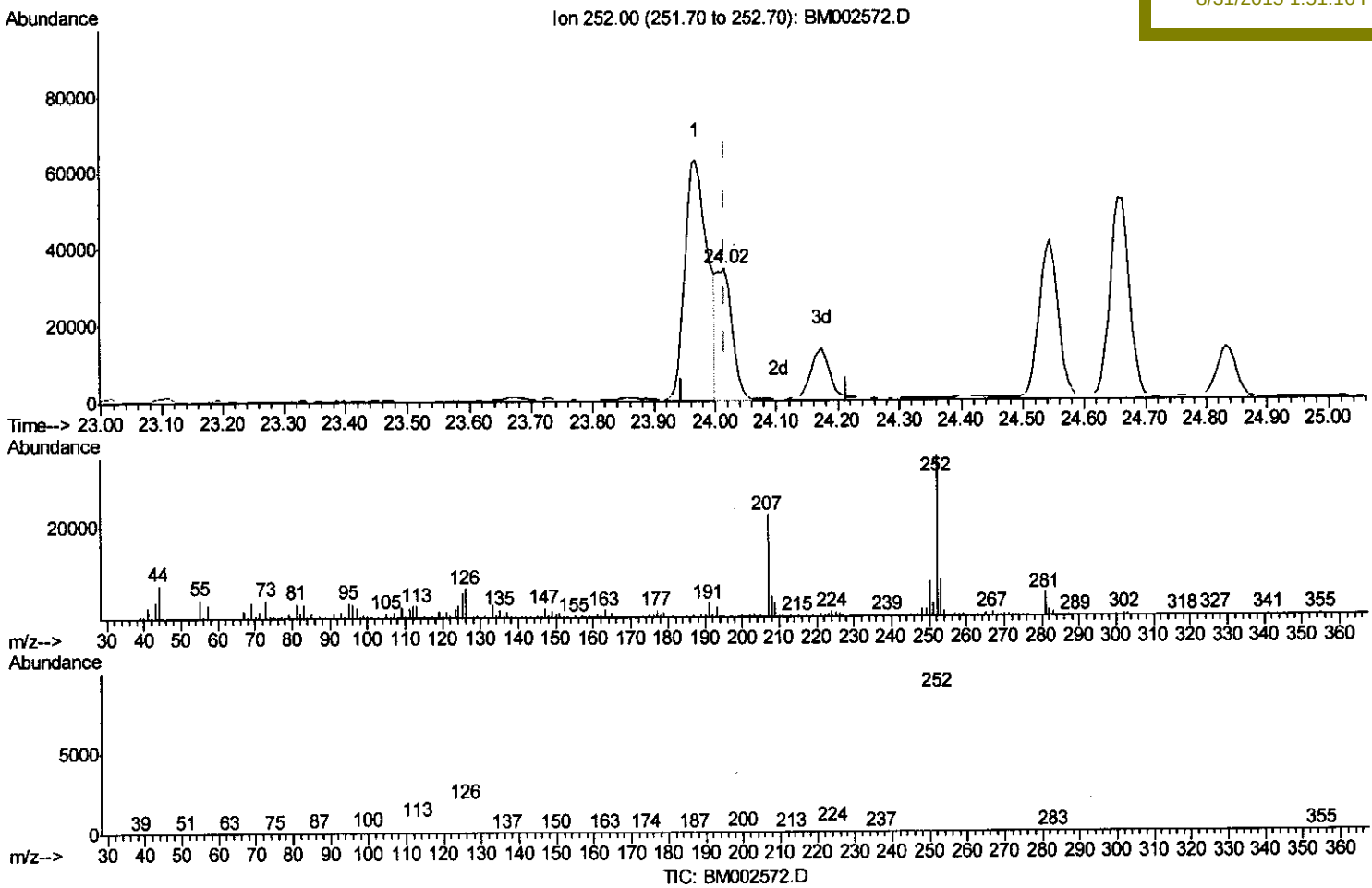
BNA_M
ClientSampleId :
D9E76

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:51:16 PM



(24) Benzo(k)fluoranthene

24.015min (+0.000) 2.34ng/ul m U.M 9/1/15

response 62208

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.19
125.00	12.30	16.15#
0.00	0.00	0.00

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Instrument : BNA_M
ClientSampleId : D9E76

Manual Integrations APPROVED
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8/31/2015 1:51:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	144584	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	596594	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	254955	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	446027	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	441006	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	464958	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	392707	15.07	ng/ul	0.00
10) Fluorene-d10	16.33	176	263482	14.39	ng/ul	0.00
14) Anthracene-d10	18.17	188	360748	16.77	ng/ul	0.00
18) Pyrene-d10	20.39	212	350311	17.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	318789	13.05	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	55833	2.17	ng/ul	99
16) Fluoranthene	20.07	202	175781	6.03	ng/ul	100
19) Pyrene	20.42	202	174948	6.77	ng/ul	97
20) Benzo(a)anthracene	22.13	228	111112	4.21	ng/ul	98
21) Chrysene	22.19	228	118276m	4.80	ng/ul	
23) Benzo(b)fluoranthene	23.97	252	159746	5.68	ng/ul#	96
24) Benzo(k)fluoranthene	24.02	252	62208m	2.34	ng/ul	
26) Benzo(a)pyrene	24.66	252	114819	4.28	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	27.53	276	89104	2.89	ng/ul	94
28) Dibenzo(a,h)anthracene	27.53	278	25874	1.00	ng/ul#	72
29) Benzo(g,h,i)perylene	28.39	276	85503	3.33	ng/ul	95

U.M 9/1/15

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