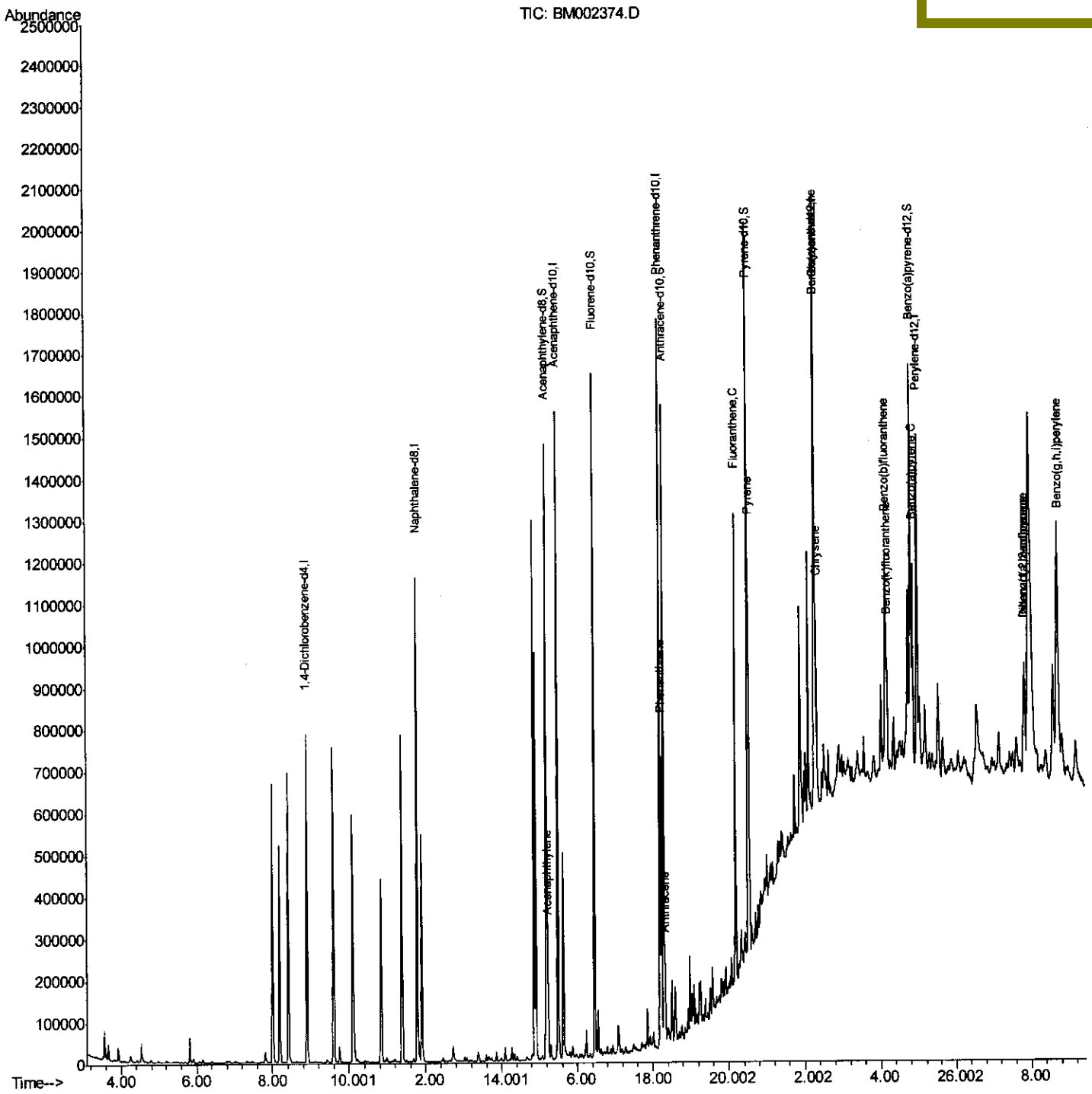
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002374.D
Acq On : 12 Aug 2015 23:11
Operator : UM/IZ
Sample : G3163-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 13 01:19:46 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 :
D9D04

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:58:19 AM



Quantitation Report (Qedit)

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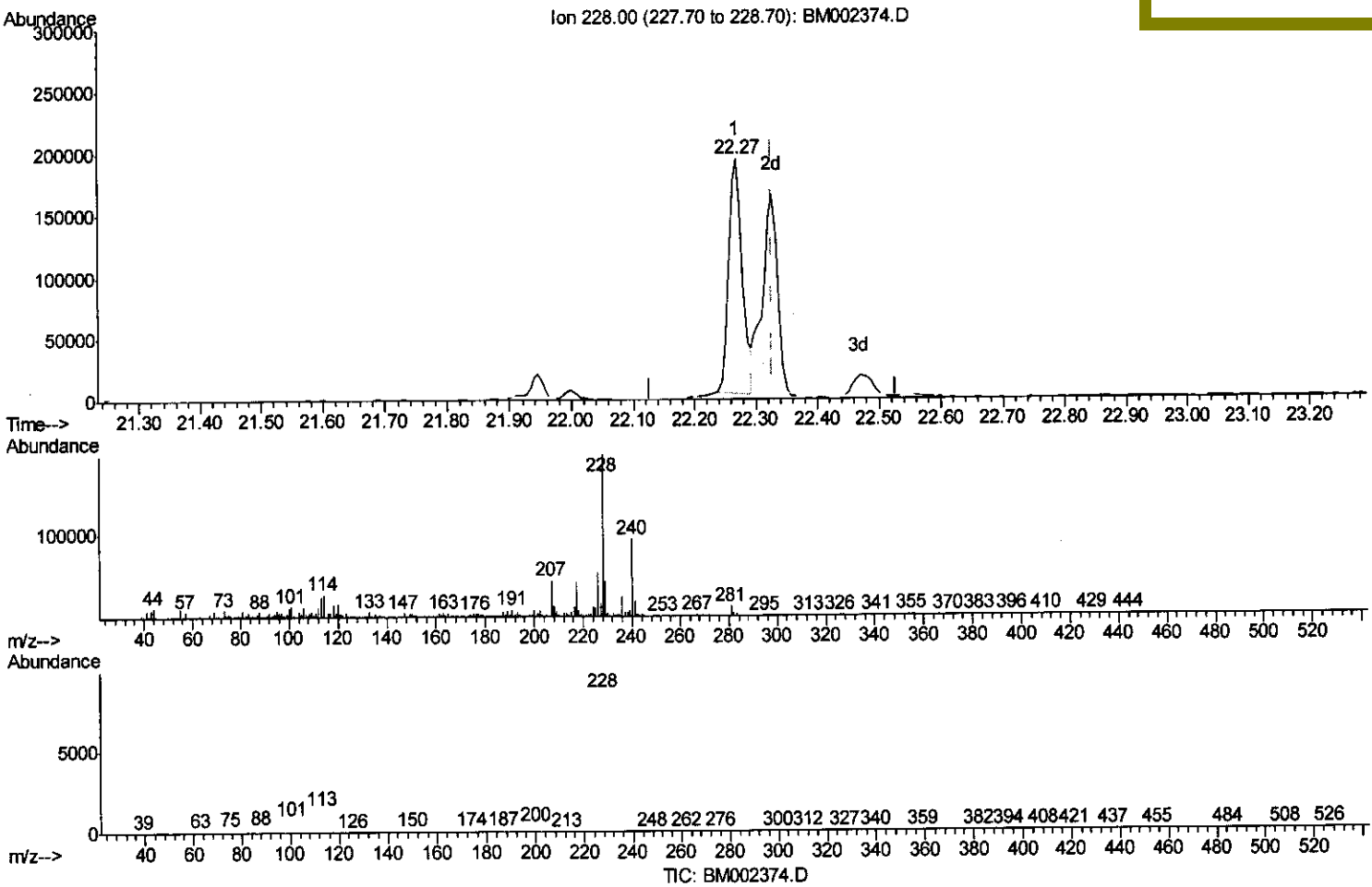

(21) Chrysene

22.268min (-0.059) 7.50ng/ul

response 293438

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	27.84
229.00	19.40	21.76
0.00	0.00	0.00

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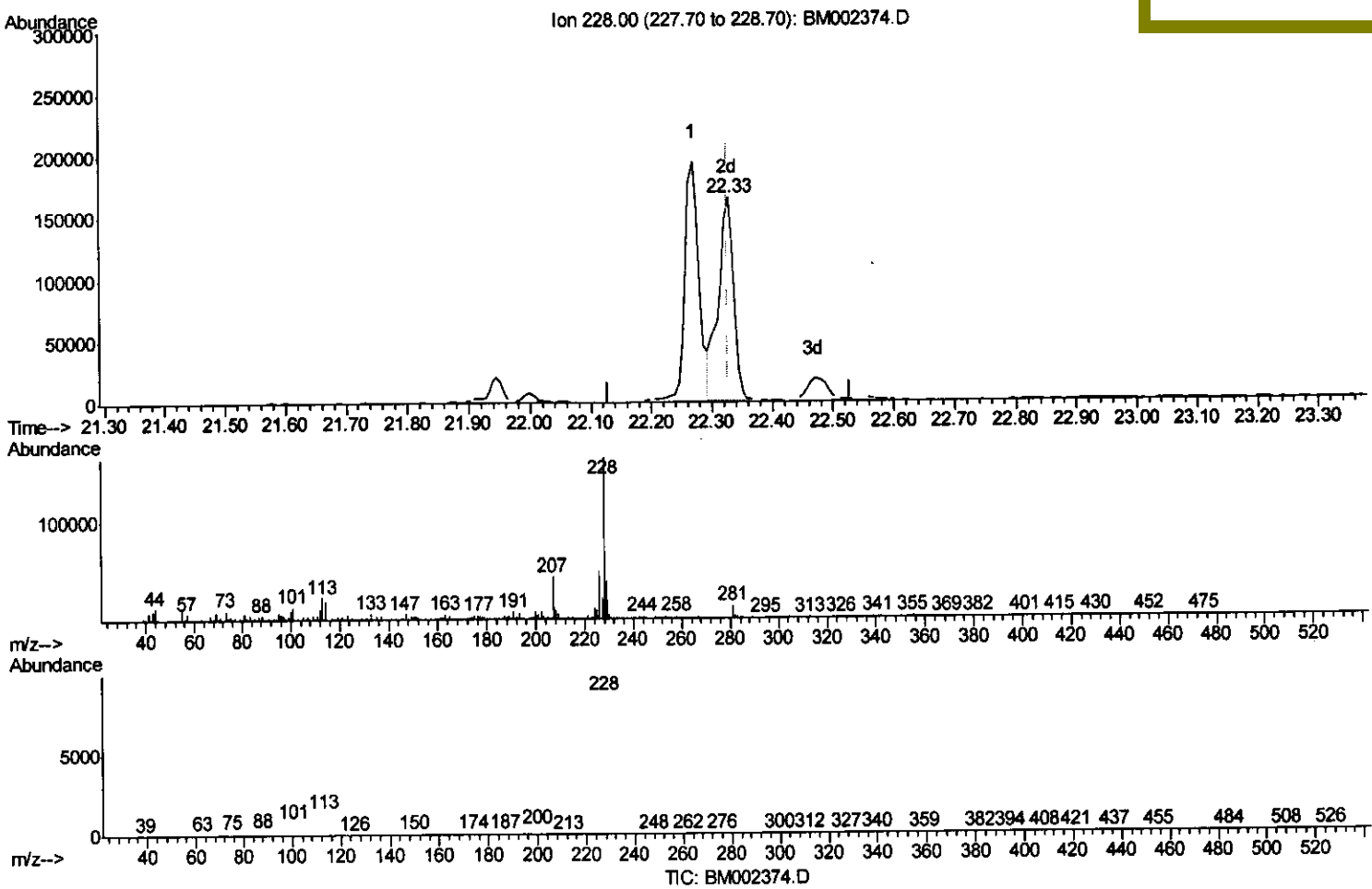

(21) Chrysene

22.327min (+0.000) 7.34ng/ul m

response 286982

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Ion	Exp%	Act%
228.00	100	100
226.00	29.20	29.73
229.00	19.40	23.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

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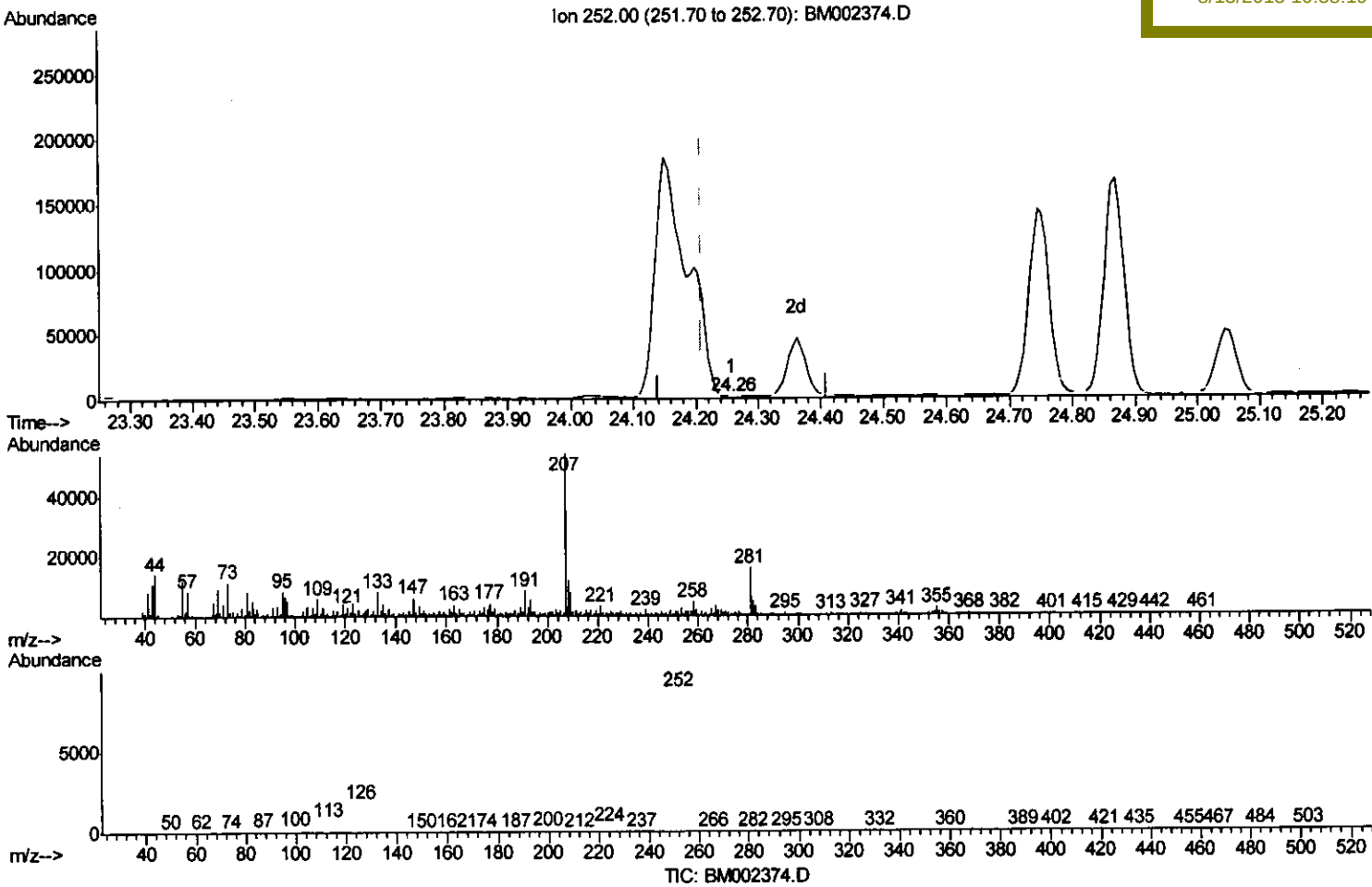
Instrument :
BNA_M
ClientSampleId :
D9D04

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:58:19 AM



TIC: BM002374.D

(24) Benzo(k)fluoranthene

24.256min (+0.047) 0.01ng/ul

response 276

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	152.92#
125.00	12.80	133.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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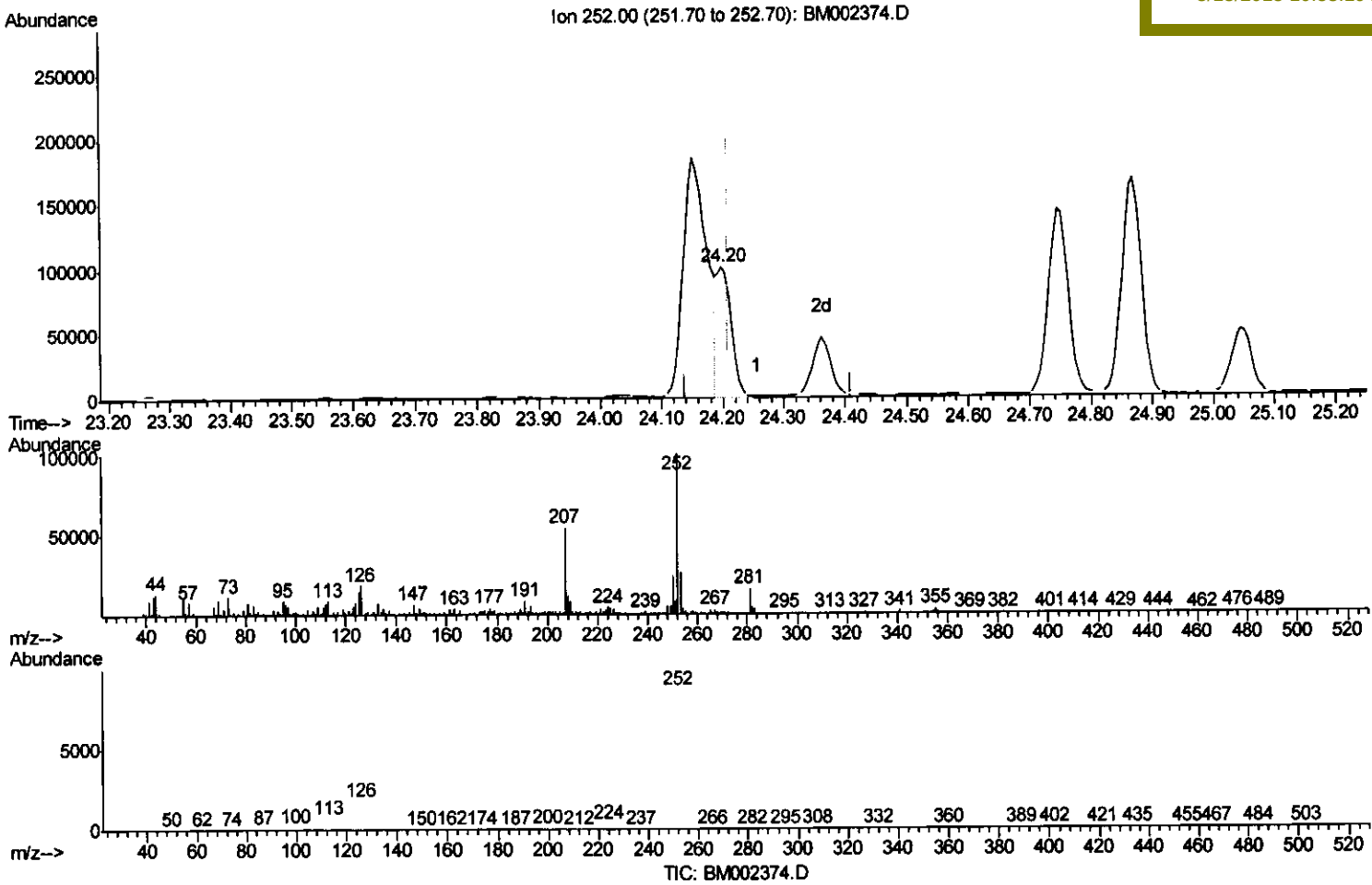
D9D04

Manual Integrations APPROVED
MMDadoda
8/13/2015 10:58:19 AM



(24) Benzo(k)fluoranthene

24.197min (-0.012) 4.28ng/ul m

response 169024

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	26.55#
125.00	12.80	14.45
0.00	0.00	0.00

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ClientSampleId : D9D04

Manual Integrations APPROVED
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8/13/2015 10:58:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	227825	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	1051741	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	542825	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	966777	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	675980	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	661352	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1077790	19.17	ng/ul	0.00
10) Fluorene-d10	16.46	176	666024	17.03	ng/ul	0.00
14) Anthracene-d10	18.30	188	855368	18.23	ng/ul	0.00
18) Pyrene-d10	20.52	212	850564	25.94	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	797794	22.72	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	15.22	152	94986	1.63	ng/ul	100
13) Phenanthrene	18.24	178	413476	7.43	ng/ul	100
15) Anthracene	18.33	178	92433	1.61	ng/ul	99
16) Fluoranthene	20.19	202	674495	10.95	ng/ul	99
19) Pyrene	20.54	202	556294	12.73	ng/ul	96
20) Benzo(a)anthracene	22.27	228	295102	7.15	ng/ul	97
21) Chrysene	22.33	228	286982m	7.34	ng/ul	
23) Benzo(b)fluoranthene	24.15	252	490572	11.93	ng/ul	98
24) Benzo(k)fluoranthene	24.20	252	169024m	4.28	ng/ul	
26) Benzo(a)pyrene	24.87	252	369486	9.39	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	281289	6.24	ng/ul	94
28) Dibenzo(a,h)anthracene	27.83	278	69690	1.82	ng/ul#	66
29) Benzo(g,h,i)perylene	28.73	276	299791	7.88	ng/ul	96

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

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08/13/15