

(QT Reviewed)

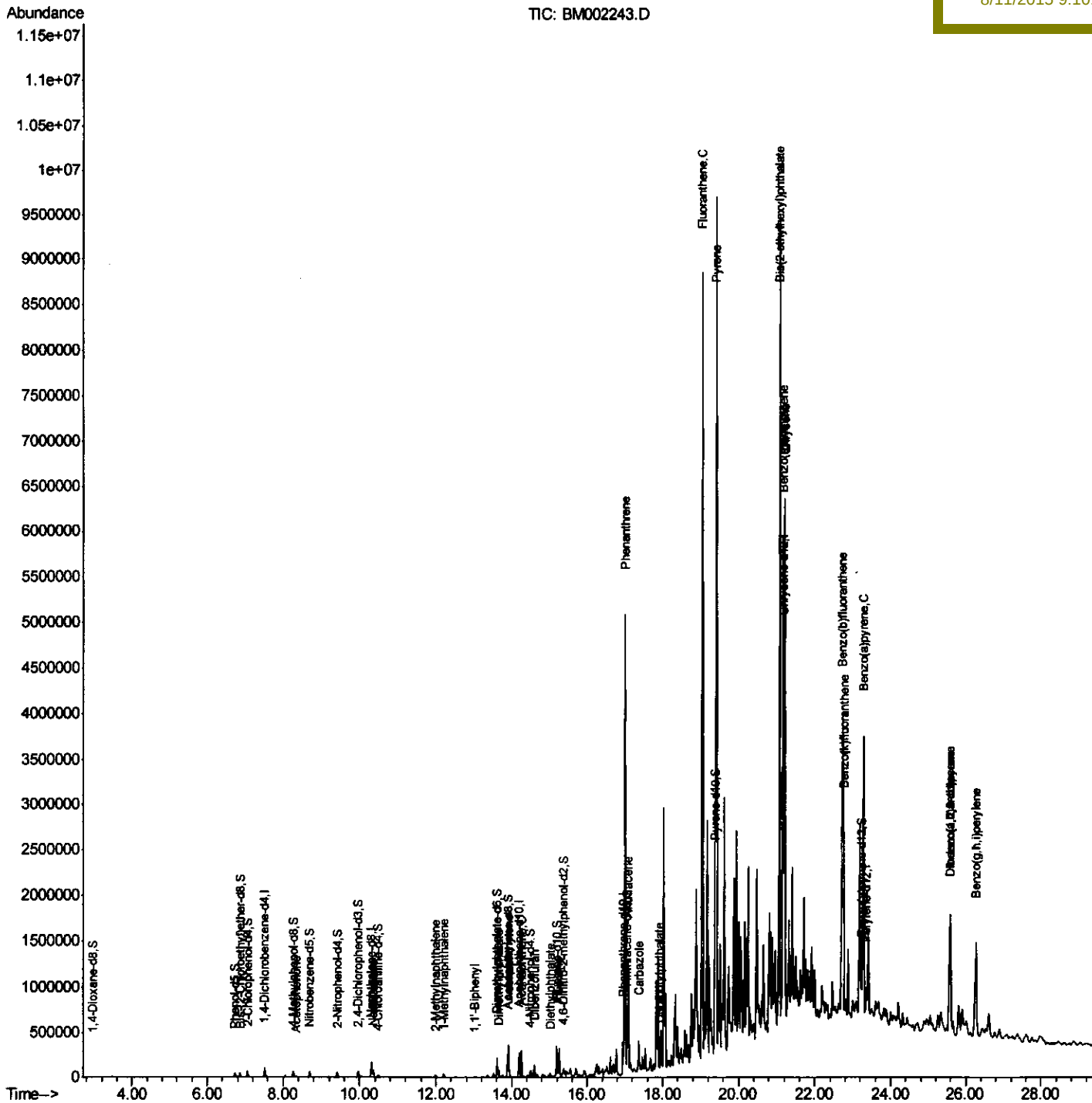
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002243.D
Acq On : 05 Aug 2015 21:35
Operator : TP/UM
Sample : G3095-08RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R8RE

Quant Time: Aug 06 05:42:04 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 01:44:45 2015
Response via : Initial Calibration

Manual Integrations APPROVED

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Quantitation Report (Qedit)

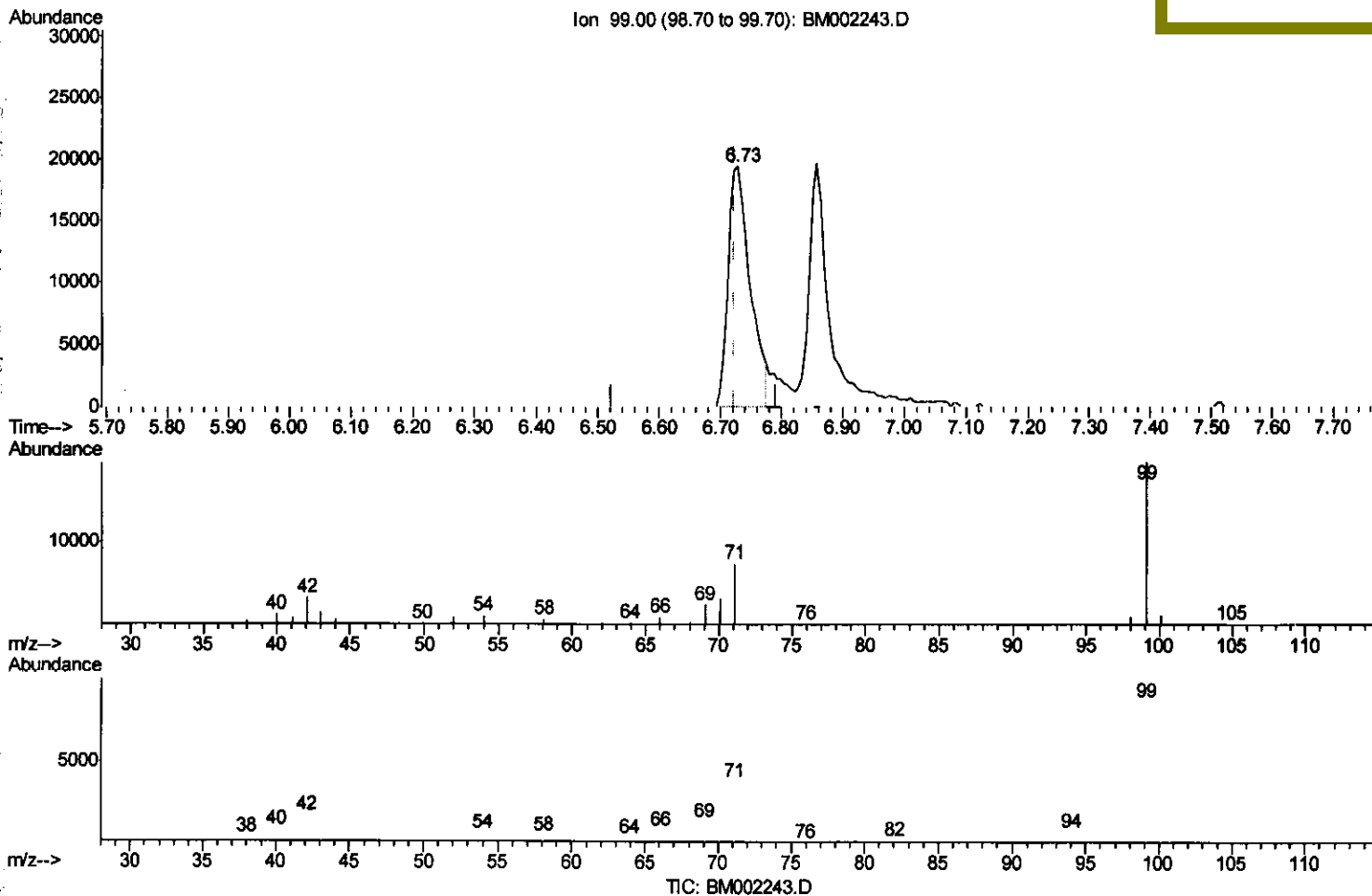
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
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(5) Phenol-d5 (S)

6.728min (+0.006) 17.30ng/ul

response 48660

Ion	Exp%	Act%
99.00	100	100
71.00	36.60	38.20
42.00	16.10	17.54
0.00	0.00	0.00

Quantitation Report (Qedit)

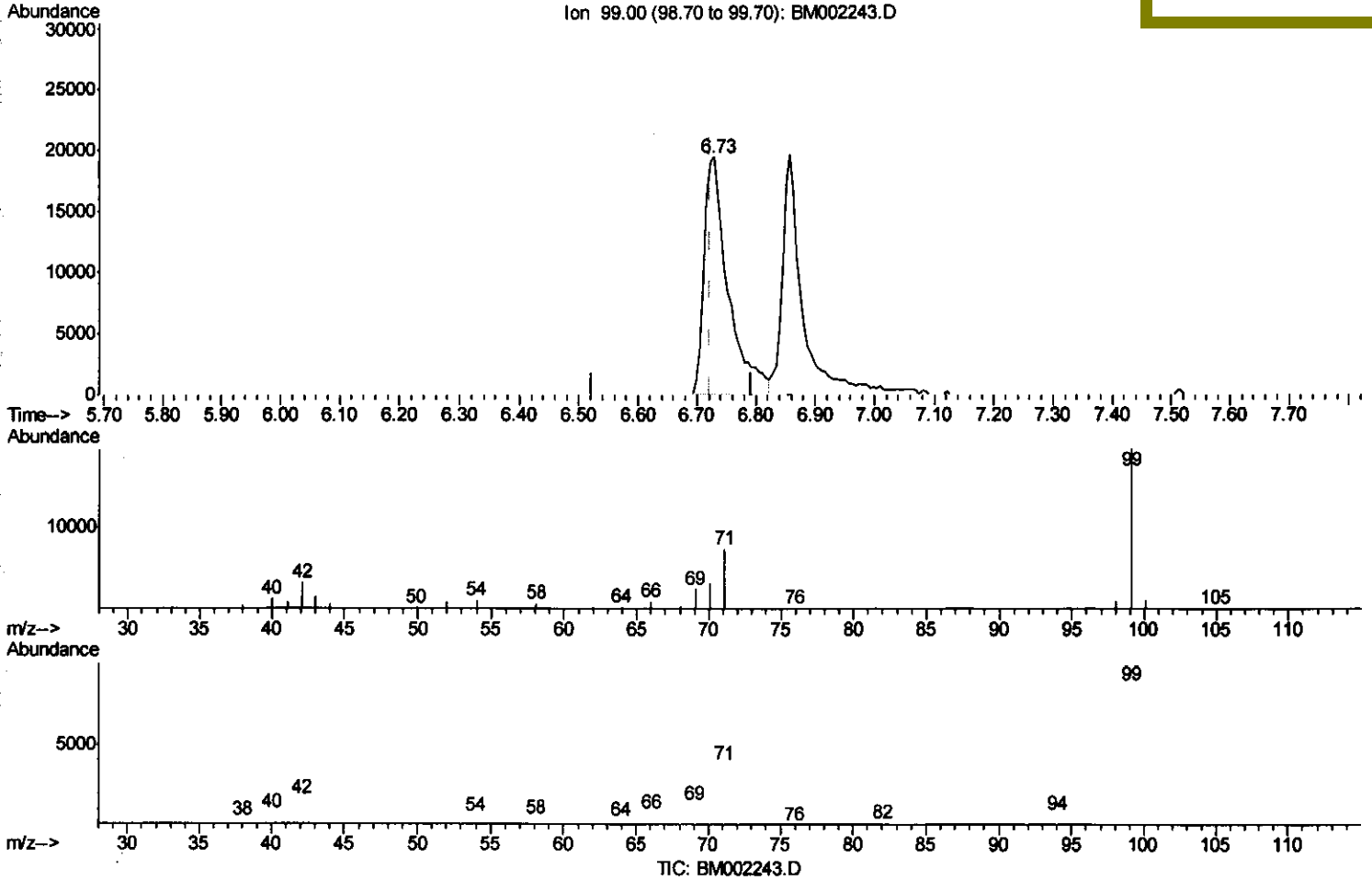
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
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 Acq On : 05 Aug 2015 21:35
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(5) Phenol-d5 (S)

6.728min (+0.006) 19.33ng/ul m

response 54373

Ion	Exp%	Act%
99.00	100	100
71.00	36.60	38.20
42.00	16.10	17.54
0.00	0.00	0.00

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Quantitation Report (Qedit)

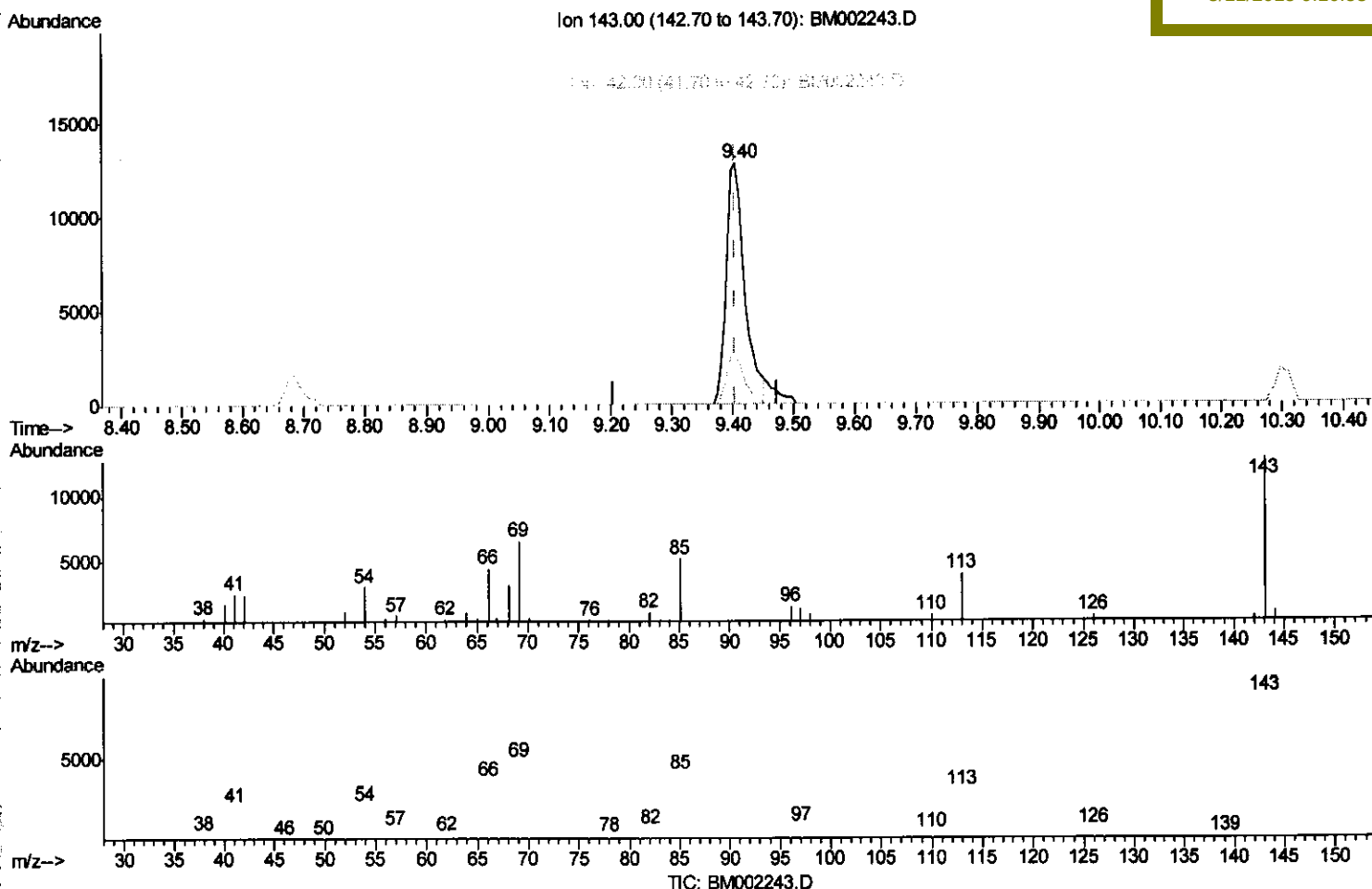
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(22) 2-Nitrophenol-d4 (S)

9.404min (0.000) 18.79ng/ul

response 26716

Ion	Exp%	Act%
143.00	100	100
69.00	48.40	50.63
41.00	19.50	19.21
42.00	19.90	18.68

Quantitation Report (Qedit)

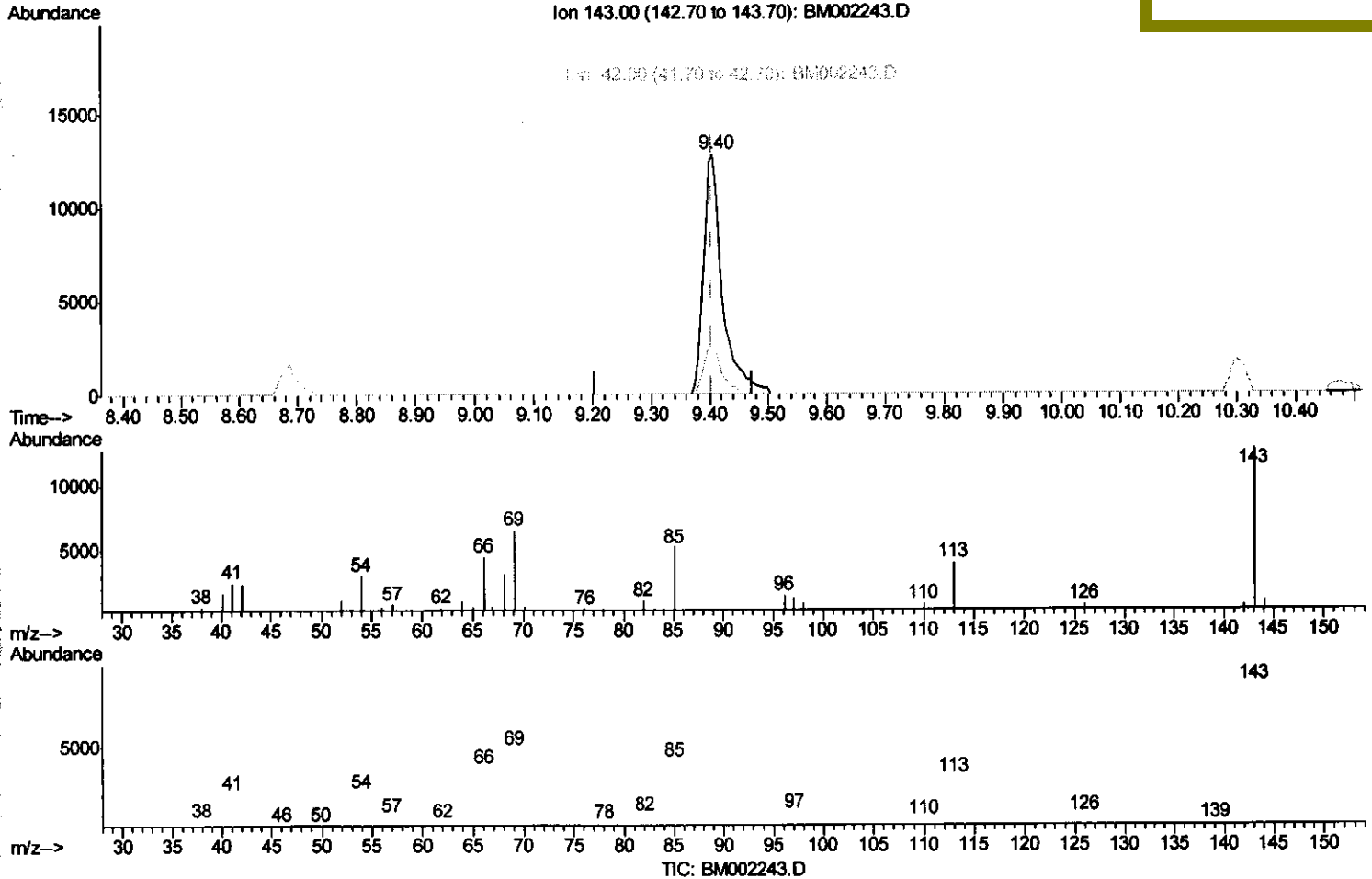
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
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(22) 2-Nitrophenol-d4 (S)

9.404min (0.000) 20.03ng/ul m

response 28477

Ion	Exp%	Act%
143.00	100	100
69.00	48.40	50.63
41.00	19.50	19.21
42.00	19.90	18.68

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Quantitation Report (Qedit)

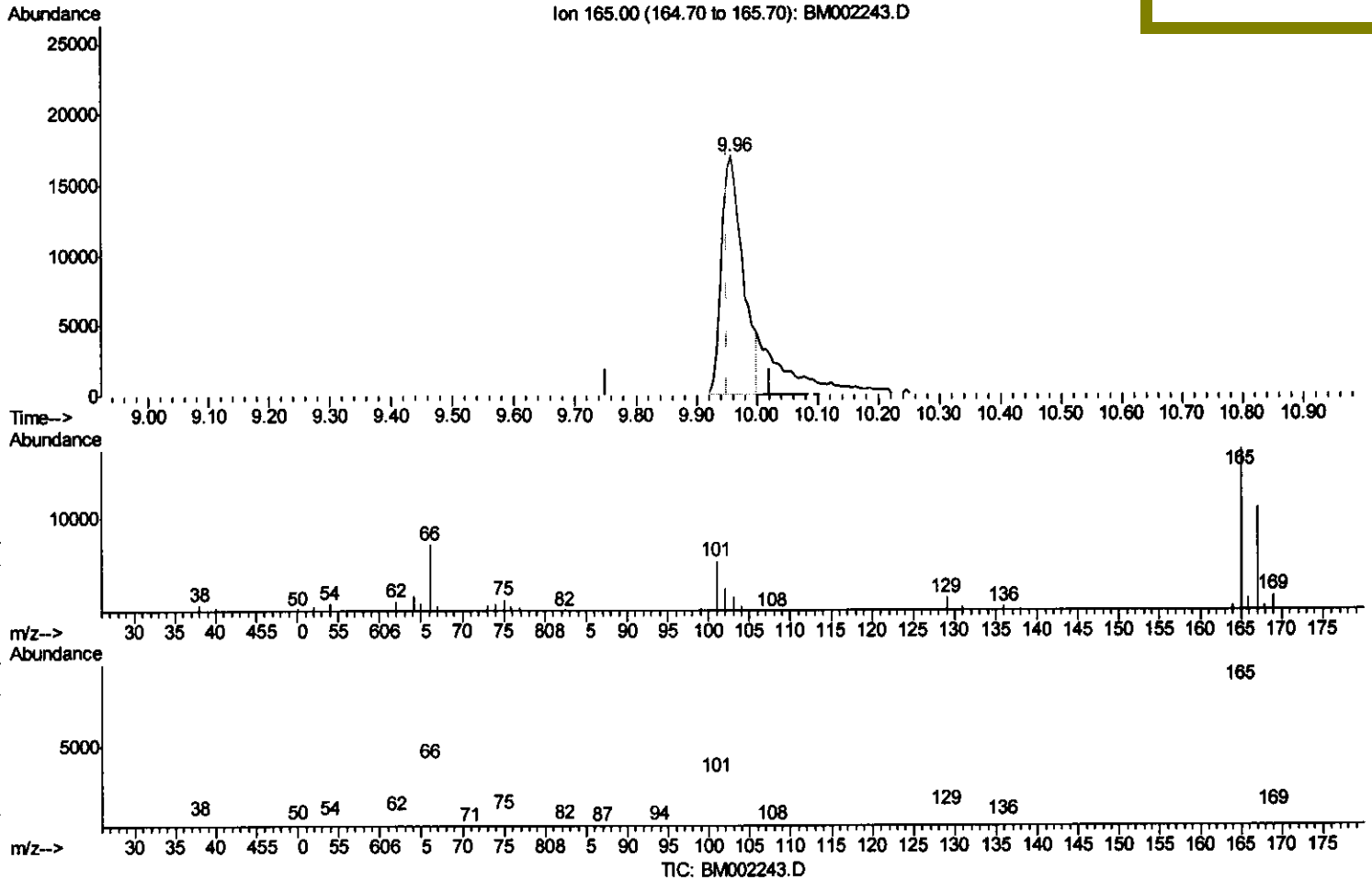
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(26) 2,4-Dichlorophenol-d3 (S)

9.957min (+0.006) 15.27ng/ul

response 41549

Ion	Exp%	Act%
165.00	100	100
167.00	64.70	64.12
101.00	31.90	32.40
0.00	0.00	0.00

Quantitation Report (Qedit)

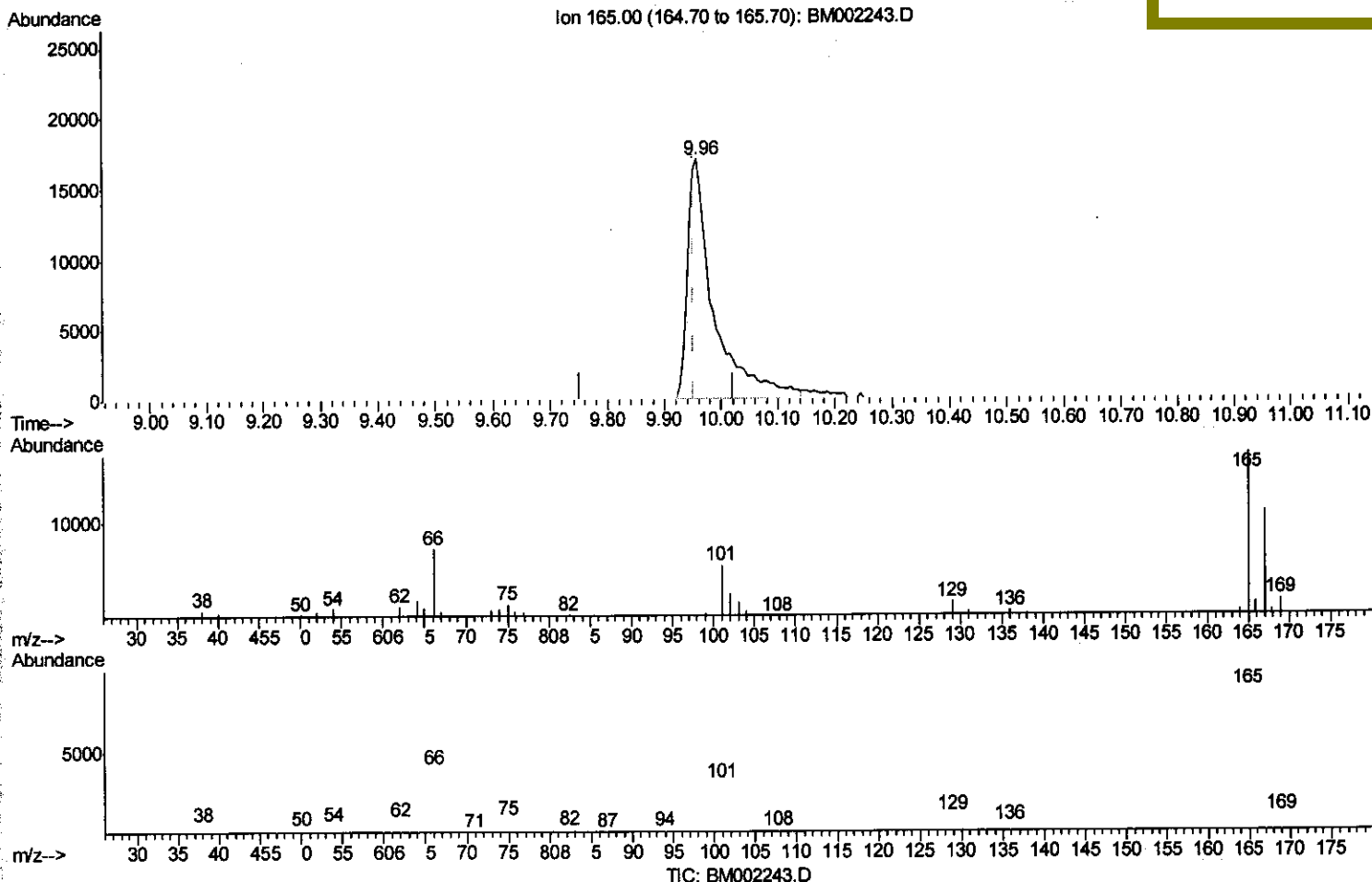
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 Misc :
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(26) 2,4-Dichlorophenol-d3 (S)

9.957min (+0.006) 20.10ng/ul m

response 54691

Ion	Exp%	Act%
165.00	100	100
167.00	64.70	64.12
101.00	31.90	32.40
0.00	0.00	0.00

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Quantitation Report (Qedit)

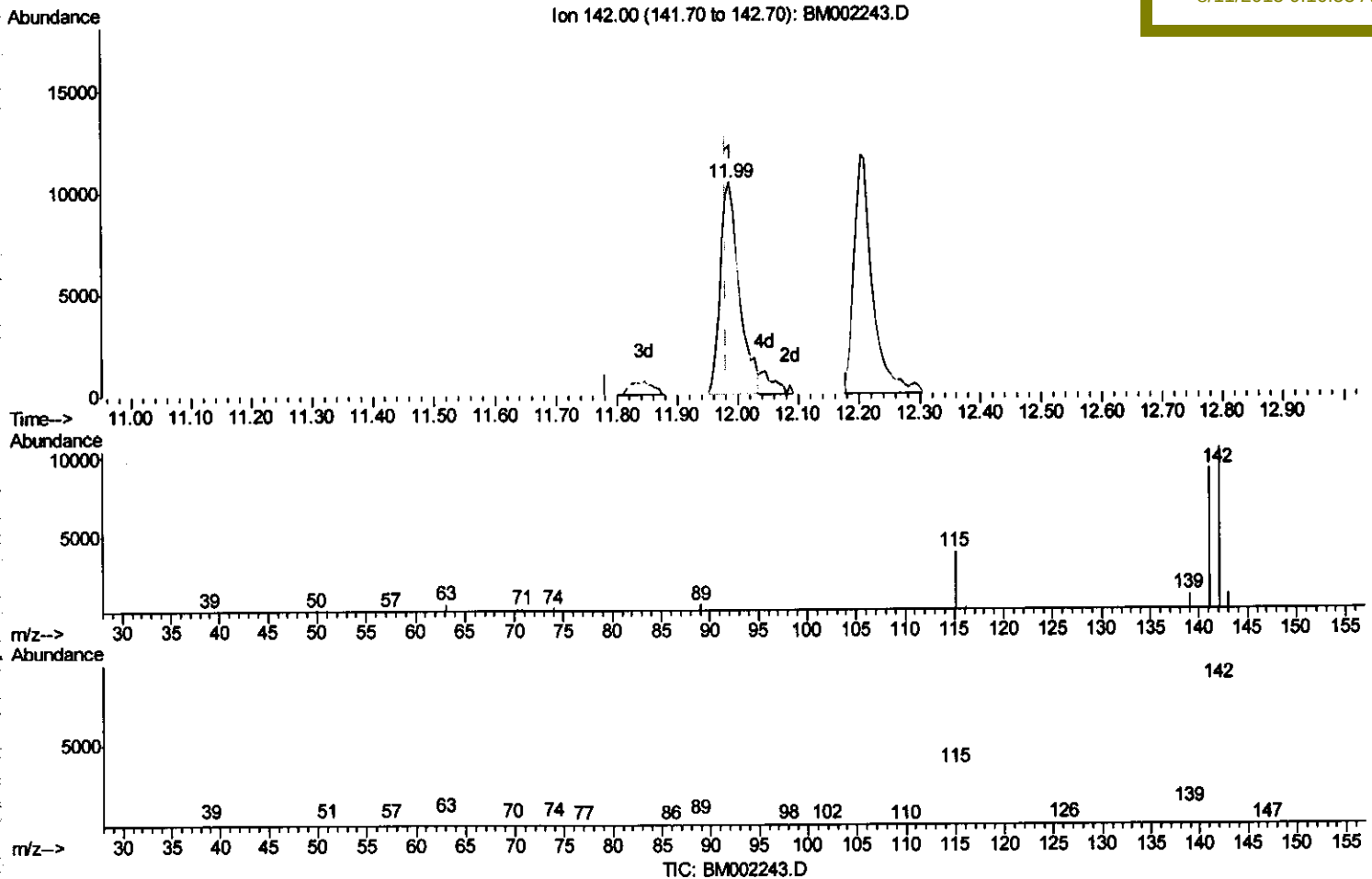
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(34) 2-Methylnaphthalene

11.986min (+0.006) 3.75ng/ul

response 22711

Ion	Exp%	Act%
142.00	100	100
141.00	86.10	87.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

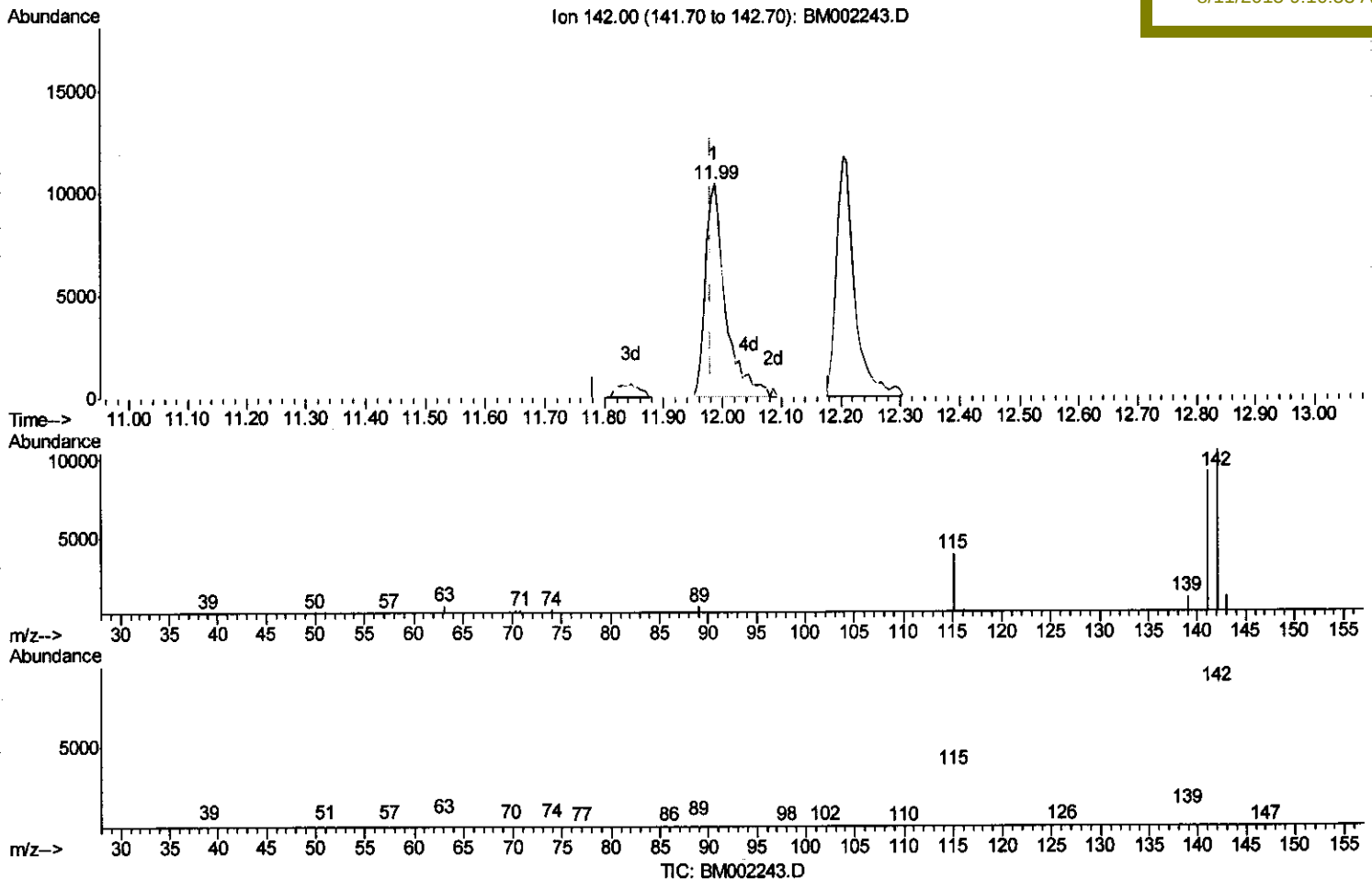
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002243.D
 Acq On : 05 Aug 2015 21:35
 Operator : TP/UM
 Sample : G3095-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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(34) 2-Methylnaphthalene

11.986min (+0.006) 4.04ng/ul m

response 24476

Ion	Exp%	Act%
142.00	100	100
141.00	86.10	87.60
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

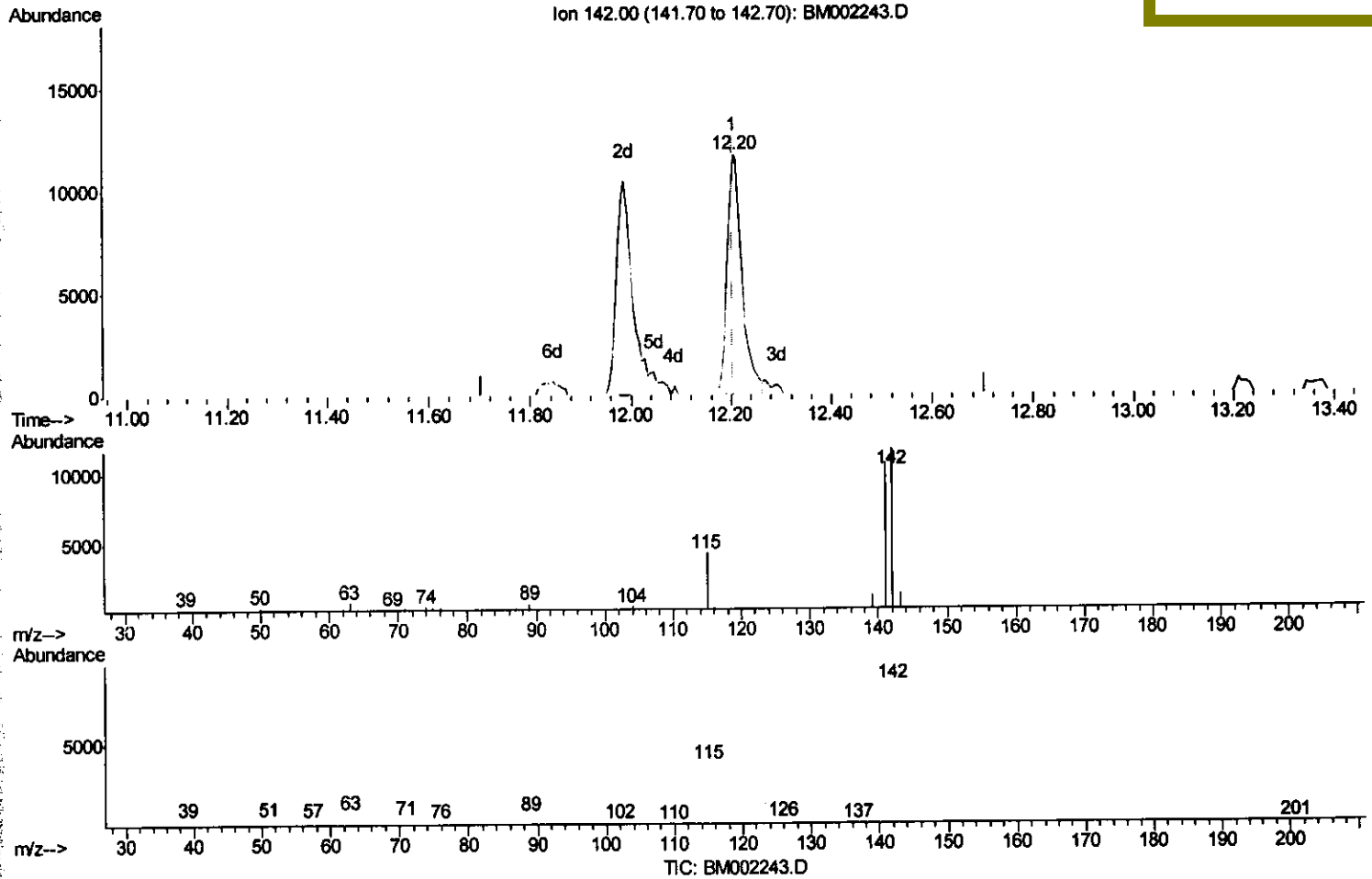
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002243.D
 Acq On : 05 Aug 2015 21:35
 Operator : TP/UM
 Sample : G3095-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(35) 1-Methylnaphthalene
 12.204min (0.000) 4.12ng/ui
 response 23835

Ion	Exp%	Act%
142.00	100	100
141.00	88.70	91.09
116.00	4.10	3.40
0.00	0.00	0.00

Quantitation Report (Qedit)

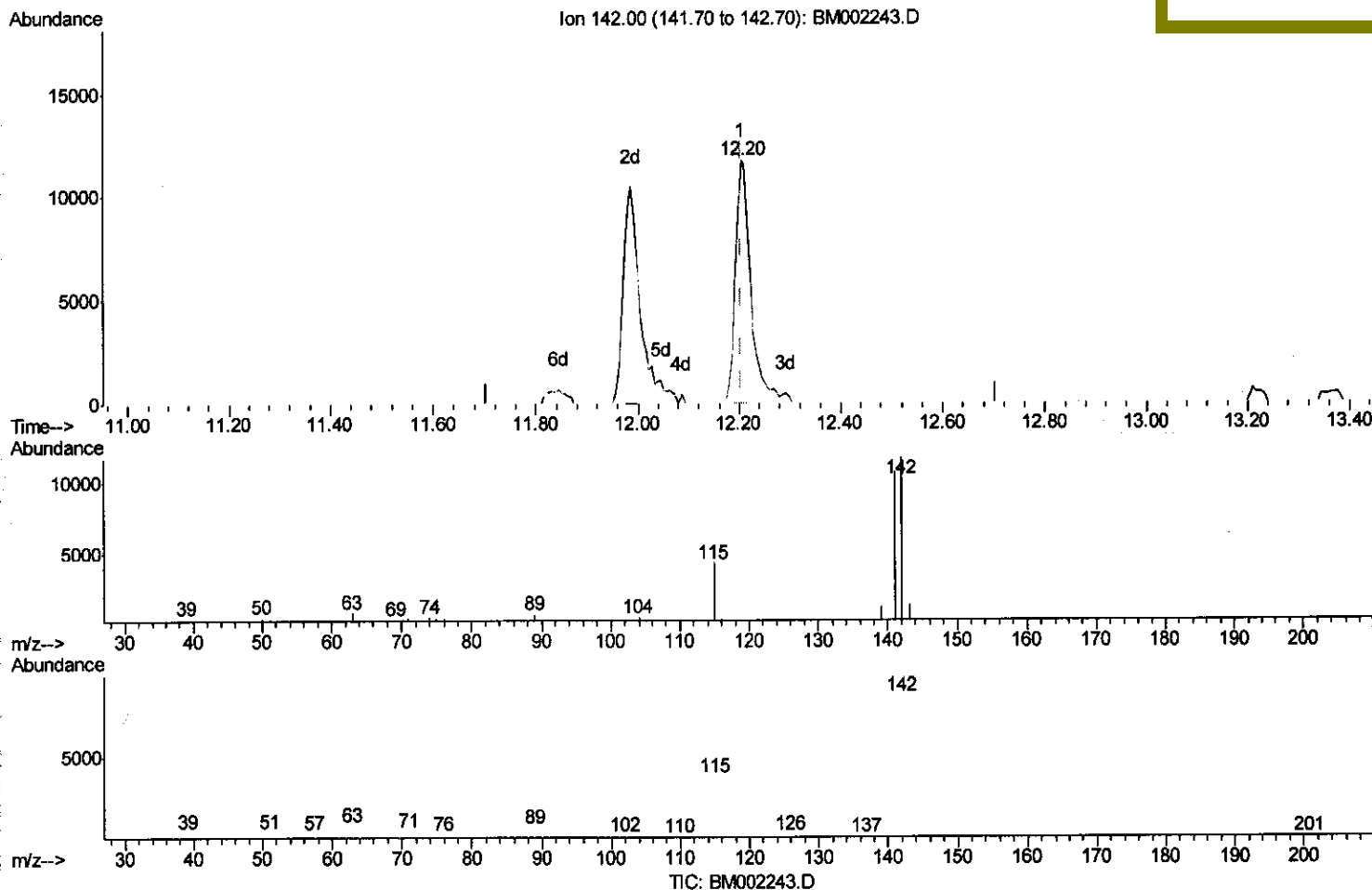
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002243.D
 Acq On : 05 Aug 2015 21:35
 Operator : TP/UM
 Sample : G3095-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R8RE

Quant Time: Aug 06 01:48:19 2015
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(35) 1-Methylnaphthalene

12.204min (0.000) 4.29ng/ul m

response 24820

Ion	Exp%	Act%
142.00	100	100
141.00	88.70	91.09
116.00	4.10	3.40
0.00	0.00	0.00

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Quantitation Report (Qedit)

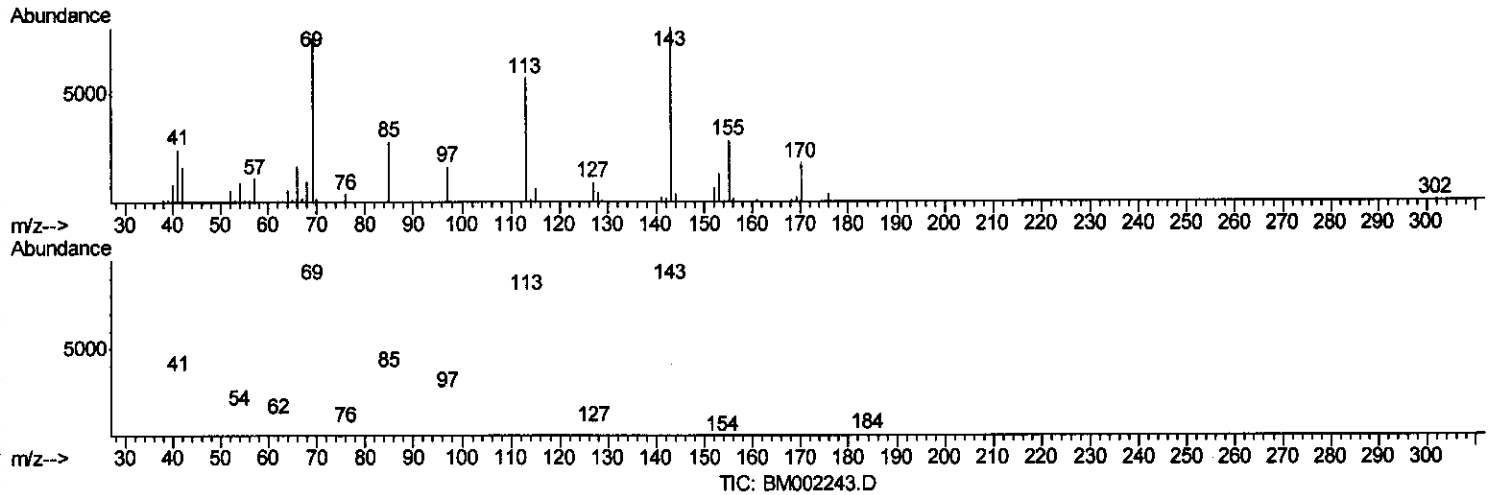
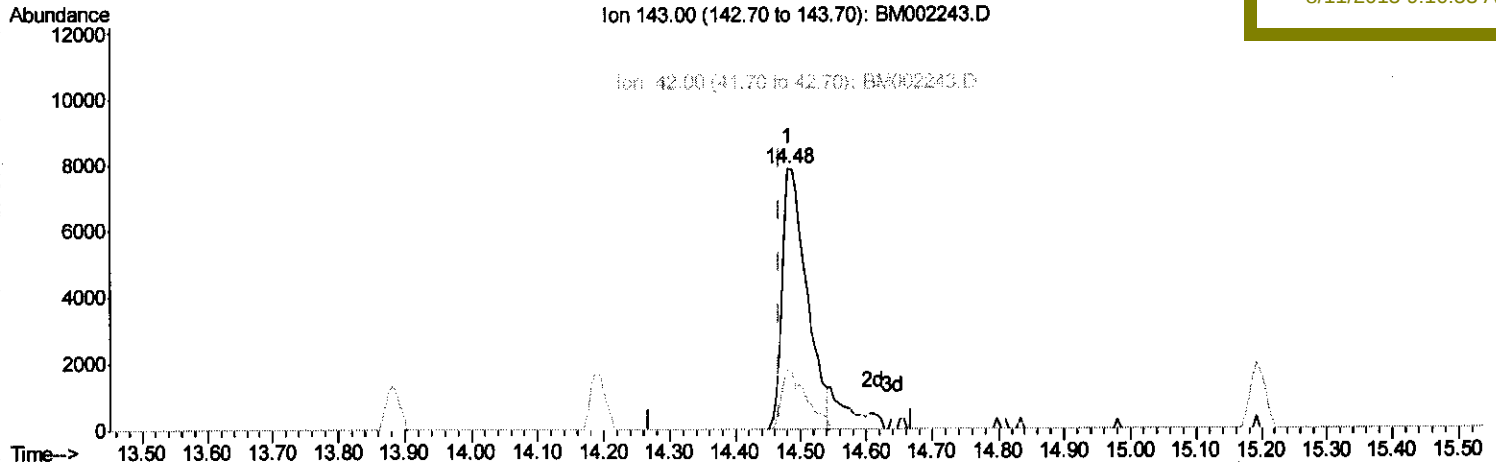
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002243.D
 Acq On : 05 Aug 2015 21:35
 Operator : TP/UM
 Sample : G3095-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R8RE

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Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.480min (+0.012) 20.49ng/ui

response 20421

Ion	Exp%	Act%
143.00	100	100
113.00	80.70	72.21
41.00	34.80	33.06
42.00	21.10	22.65

Quantitation Report (Qedit)

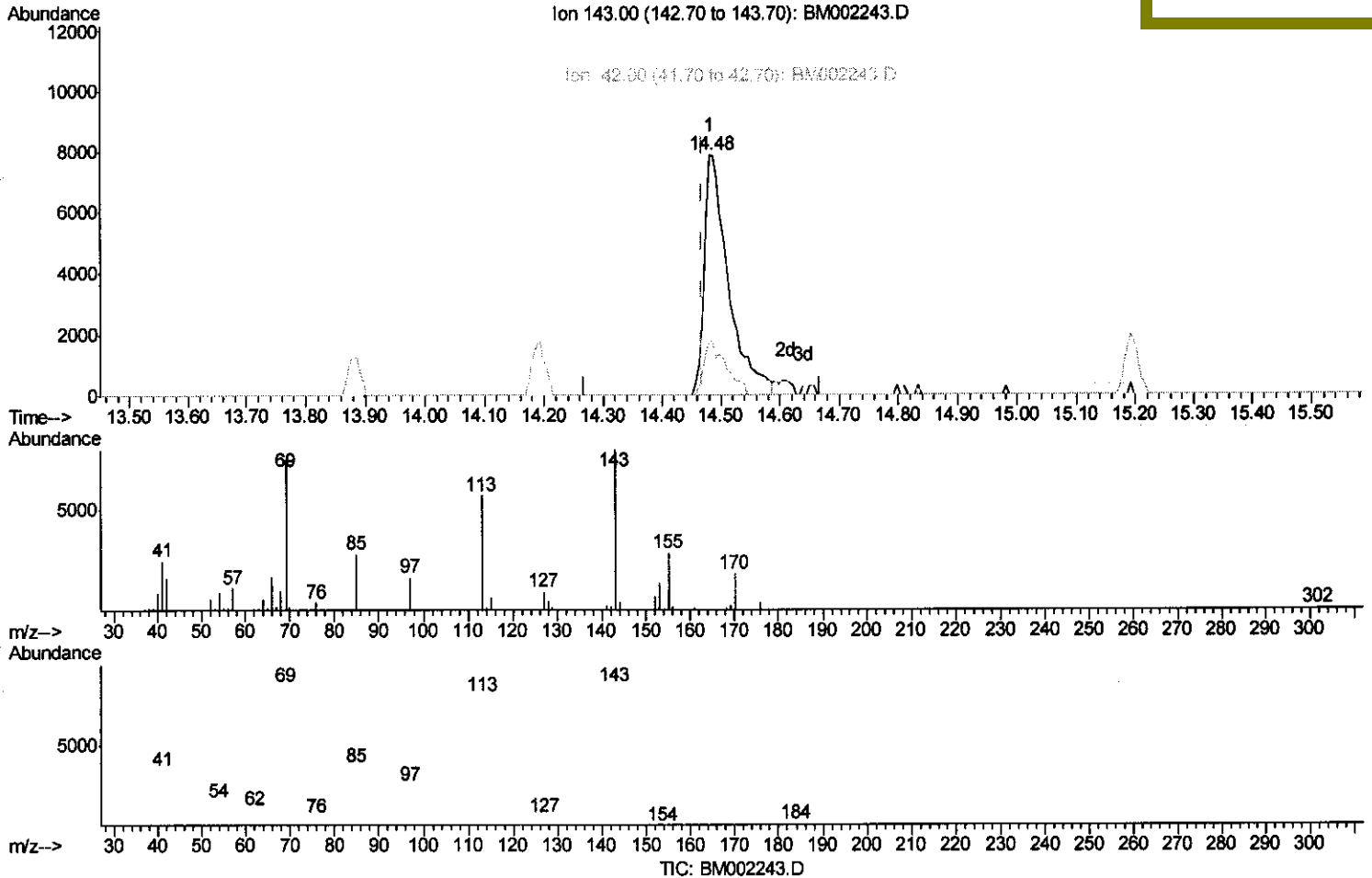
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002243.D
 Acq On : 05 Aug 2015 21:35
 Operator : TP/UM
 Sample : G3095-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.480min (+0.012) 22.61ng/ul m

response 22535

Ion Exp% Act%

143.00 100 100

113.00 80.70 72.21

41.00 34.80 33.06

42.00 21.10 22.65

> T.P
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Quantitation Report (Qedit)

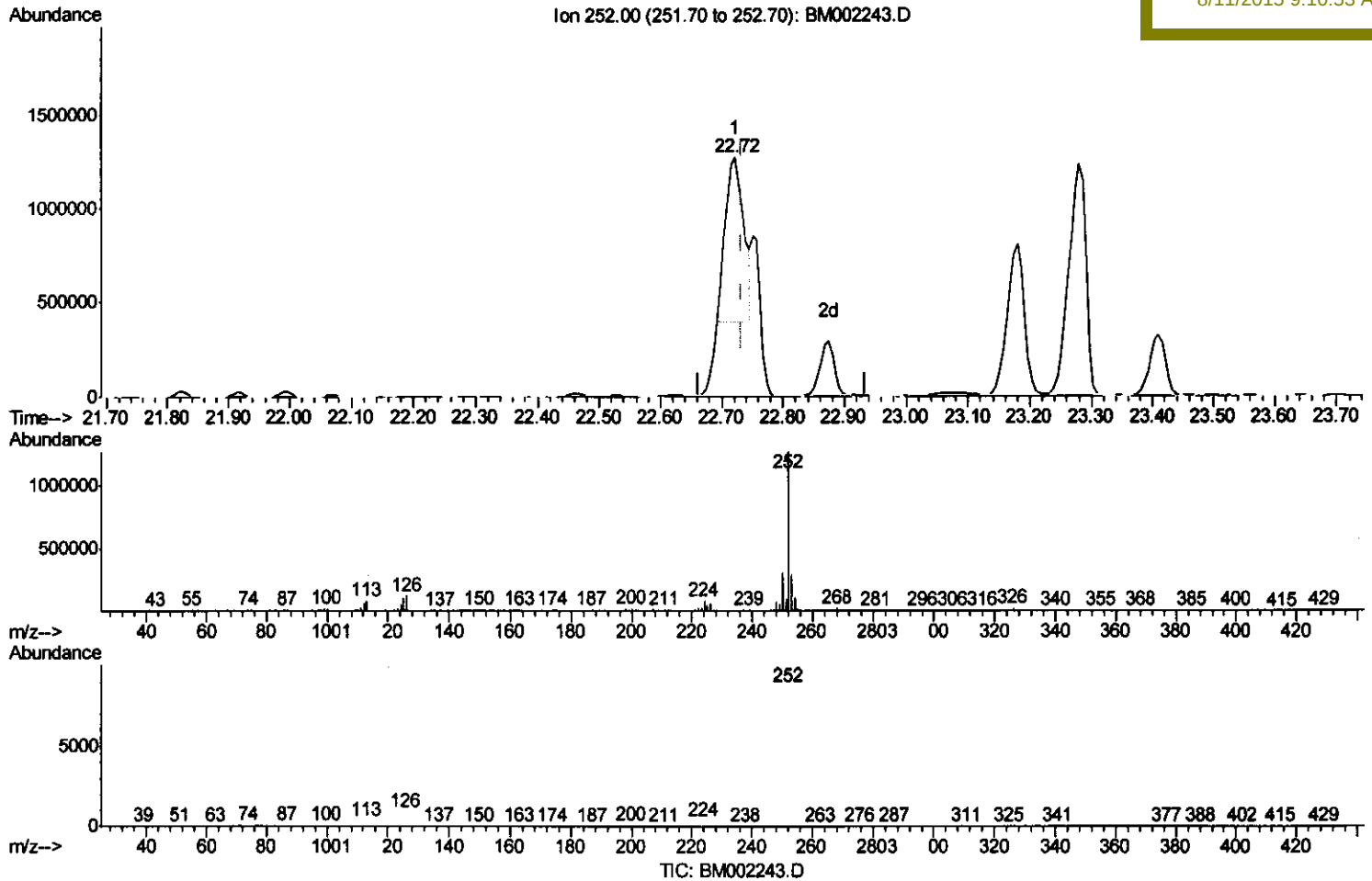
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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(89) Benzo(k)fluoranthene

22.721min (-0.012) 151.87ng/ul

response 1832719

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.83
125.00	7.00	8.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

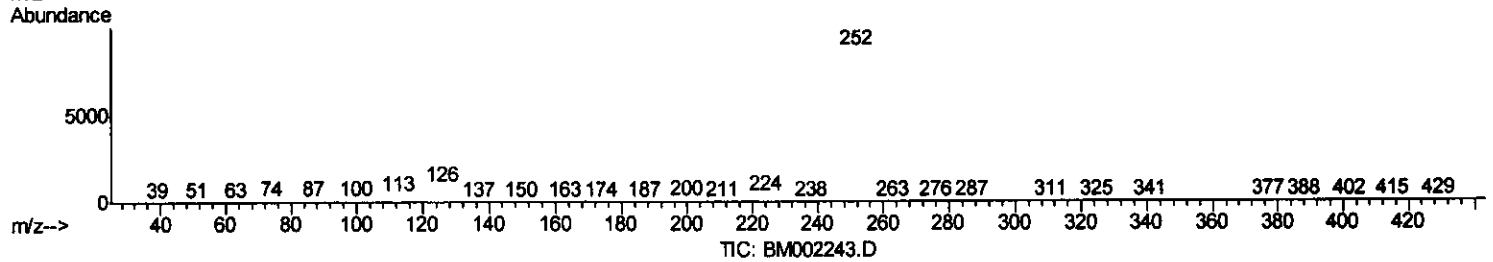
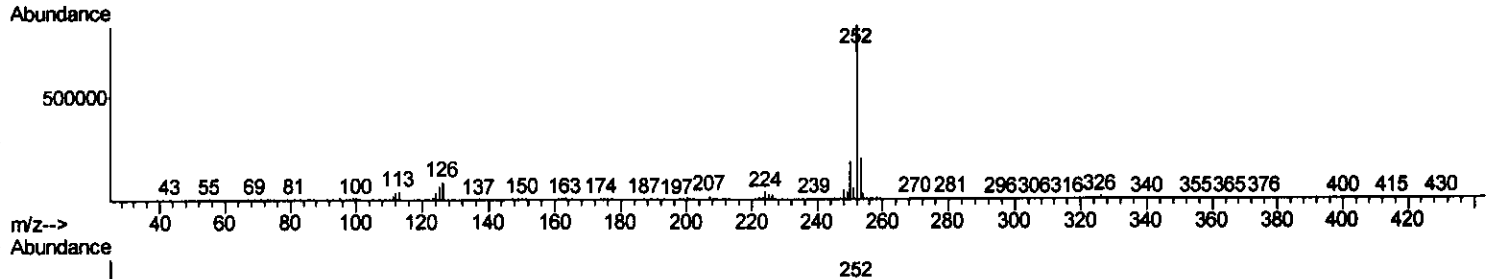
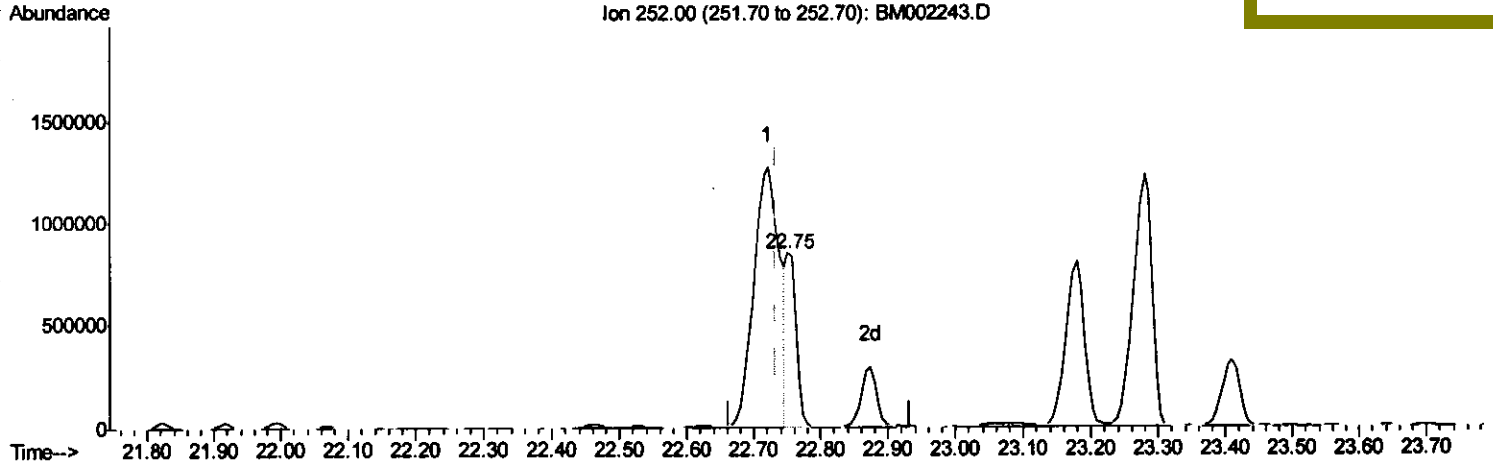
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(89) Benzo(k)fluoranthene

22.750min (+0.018) 74.23ng/ul m

response 895739

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.42
125.00	7.00	7.69
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	37864	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	166319	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	105769	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	244562	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	265920	20.00	ng/ul	0.02
86) Perylene-d12	23.36	264	221155	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	1422	2.13	ng/uL	0.00
5) Phenol-d5	6.73	99	54373m	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	27818	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	48123	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	44651	19.11	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	24741	20.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	28477m	20.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	54691m	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	32430	10.77	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	169094	21.98	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	213908	22.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	22535m	22.61	ng/ul	0.01
58) Fluorene-d10	15.19	176	157227	23.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	1965	1.39	ng/ul	0.02
71) Anthracene-d10	17.05	188	244668	22.48	ng/ul	0.00
79) Pyrene-d10	19.37	212	281367	22.10	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.22	264	232967	21.69	ng/ul	0.02

Target Compounds

					Ovalue	
14) Acetophenone	8.35	105	4340	1.17	ng/ul	93
28) Naphthalene	10.35	128	68469	8.70	ng/ul#	95
34) 2-Methylnaphthalene	11.99	142	24476m	4.04	ng/ul	
35) 1-Methylnaphthalene	12.20	142	24820m	4.29	ng/ul	
41) 1,1'-Biophenyl	13.02	154	10593	1.30	ng/ul	97
45) Dimethylphthalate	13.65	163	50654	6.60	ng/ul	98
48) Acenaphthylene	13.92	152	285446	28.78	ng/ul	99
50) Acenaphthene	14.26	153	127686	19.71	ng/ul	99
54) Dibenzofuran	14.60	168	87125	9.28	ng/ul	99
57) Diethylphthalate	15.02	149	14934	2.02	ng/ul	98
59) Fluorene	15.25	166	156824	20.32	ng/ul	99
70) Phenanthrene	17.00	178	3241057	258.10	ng/ul	99
72) Anthracene	17.09	178	787736	61.37	ng/ul	99
75) Carbazole	17.37	167	211968	19.82	ng/ul	99
76) Di-n-butylphthalate	17.92	149	23742	1.88	ng/ul#	92
77) Fluoranthene	19.04	202	6227516	453.13	ng/ul#	95
80) Pyrene	19.42	202	6436310	393.79	ng/ul#	93
83) Benzo(a)anthracene	21.16	228	3202737	214.99	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	3181629	379.50	ng/ul	98
85) Chrysene	21.22	228	2957480	215.63	ng/ul	95
88) Benzo(b)fluoranthene	22.72	252	3332161	267.41	ng/ul#	97
89) Benzo(k)fluoranthene	22.75	252	895739m	74.23	ng/ul	
91) Benzo(a)pyrene	23.28	252	2375913	199.64	ng/ul	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.59	276	1431140	106.72	ng/ul	96
93) Dibenzo(a,h)anthracene	25.57	278	406237	35.53	ng/ul#	91
94) Benzo(a,h,i)perylene	26.27	276	1290928	115.59	ng/ul	99

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

Instrument :
BNA_M
ClientSampleId :
C01R8RE

Manual Integrations
APPROVED

apatel
8/11/2015 9:10:53 AM