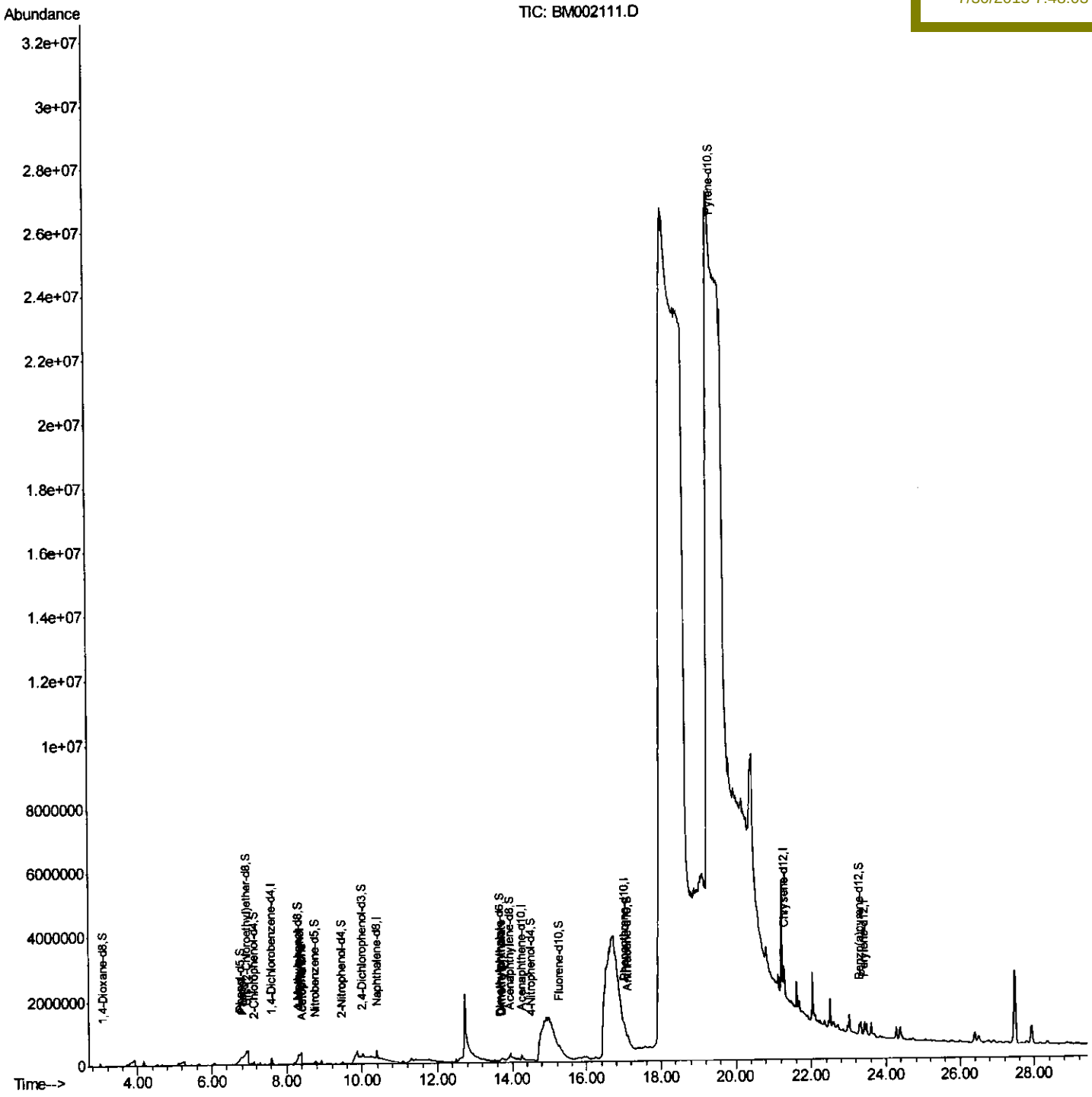
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 07:41:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:50:38 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01N0

Manual Integrations APPROVED
apatel
7/30/2015 7:48:03 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002111.D
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Operator : TP/UM
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Manual Integrations APPROVED
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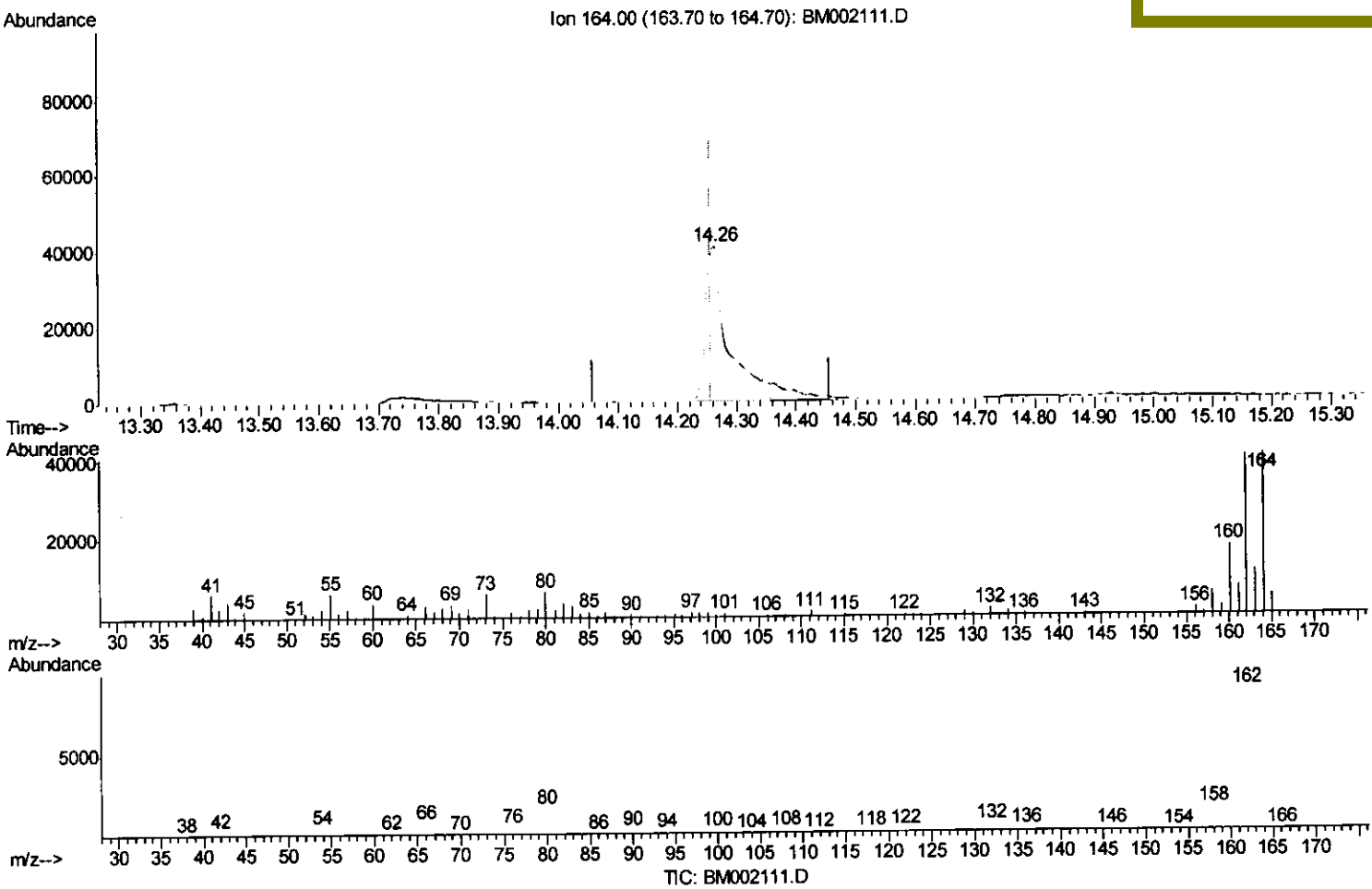

(36) Acenaphthene-d10 (I)

14.263min (+0.006) 20.00ng/ul

response 106639

Ion	Exp%	Act%
164.00	100	100
162.00	100.40	98.58
160.00	44.40	43.14
0.00	0.00	0.00

Quantitation Report (Qedit)

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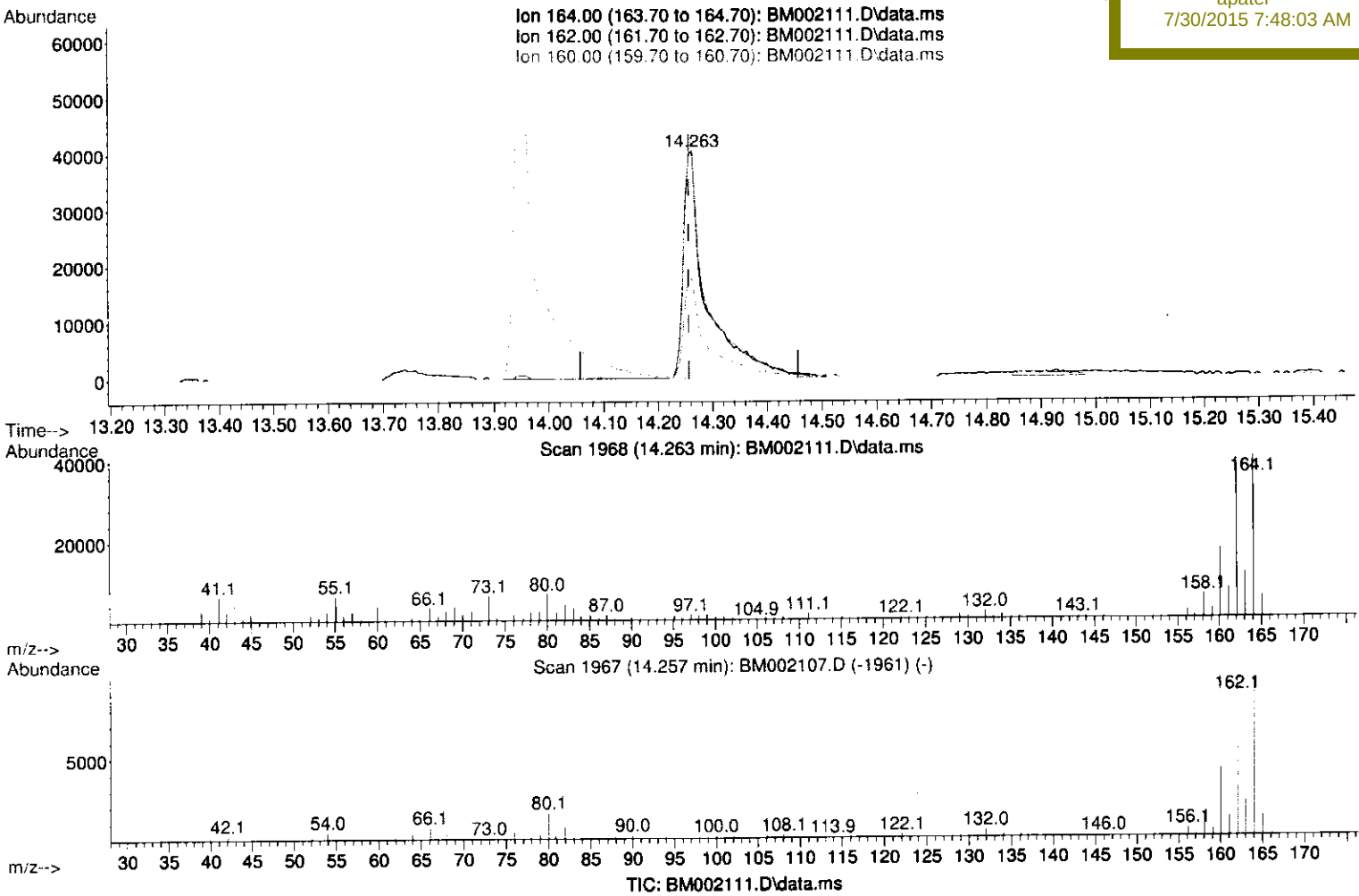
BNA_M
ClientSampleId :
C01N0

Manual Integrations APPROVED
apatel
7/30/2015 7:48:03 AM



(36) Acenaphthene-d10 (I)

14.263min (+ 0.006) 20.00 ng/ul m

T.P 7/30/15

response 119677

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	100.40	98.58
160.00	44.40	43.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
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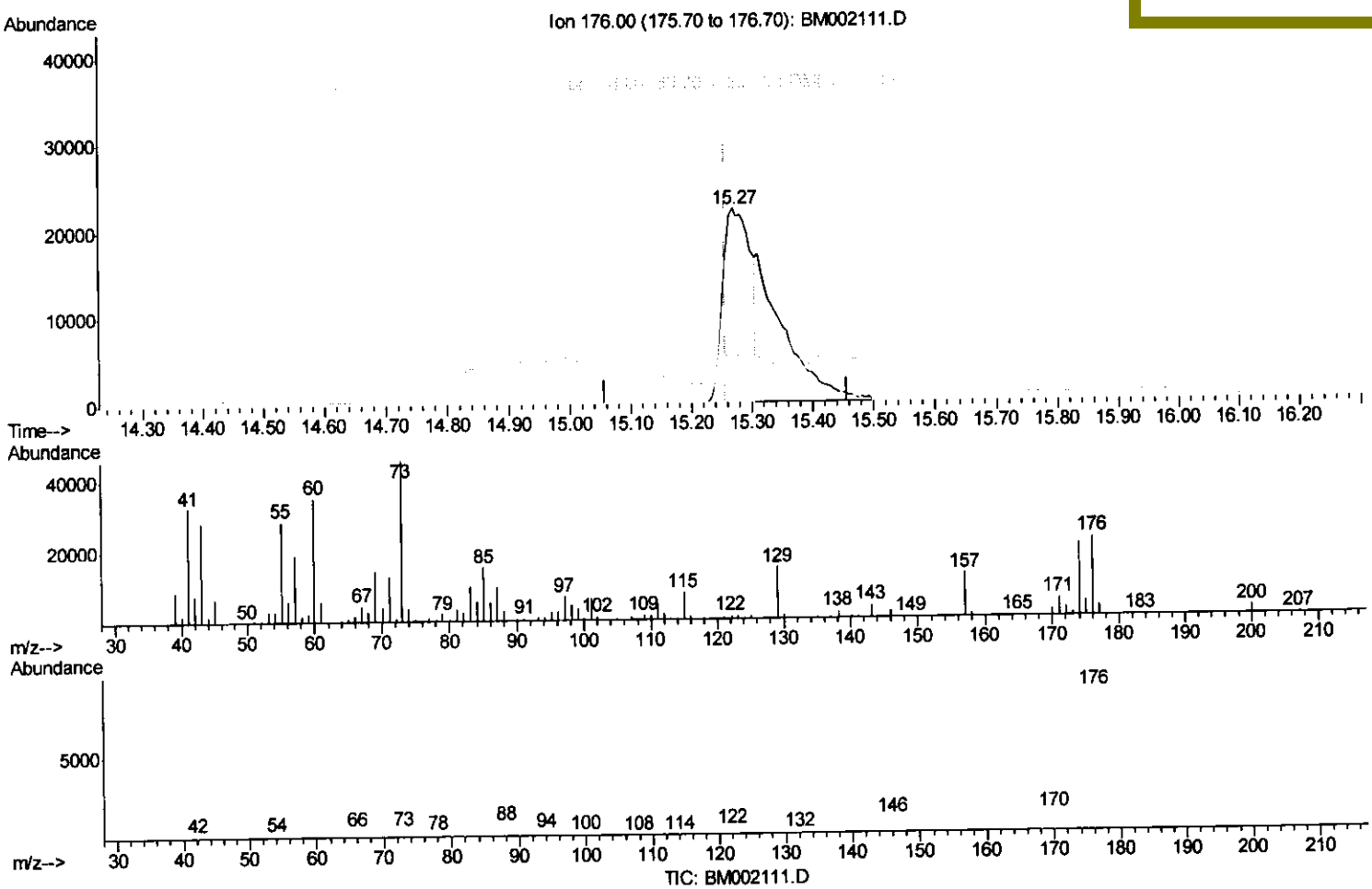
Instrument :
BNA_M
ClientSampleId :
C01N0

Manual Integrations APPROVED
apatel
7/30/2015 7:48:03 AM



(58) Fluorene-d10 (S)

15.269min (+0.012) 9.13ng/ul

response 70394

Ion	Exp%	Act%
176.00	100	100
174.00	93.60	92.91
87.00	8.30	44.38#
86.00	8.60	24.84#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 07:38:36 2015
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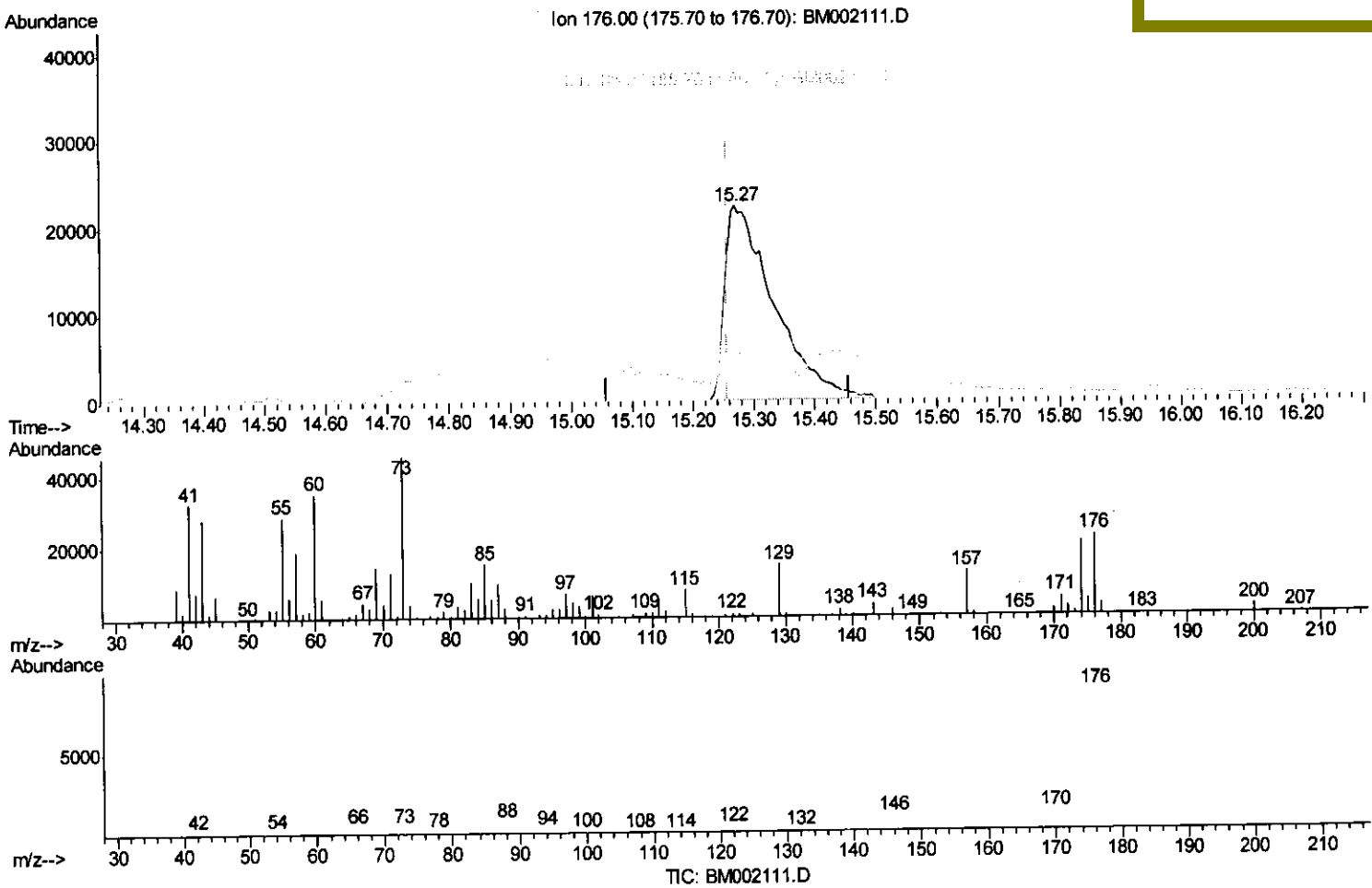
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01N0

Manual Integrations APPROVED
apatel
7/30/2015 7:48:03 AM



TIC: BM002111.D

(58) Fluorene-d10 (S)

15.269min (+0.012) 16.27ng/ul m T.P 7/30/15

response 125490

Ion	Exp%	Act%
176.00	100	100
174.00	93.60	92.91
87.00	8.30	44.38#
86.00	8.60	24.84#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002111.D
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Operator : TP/UM
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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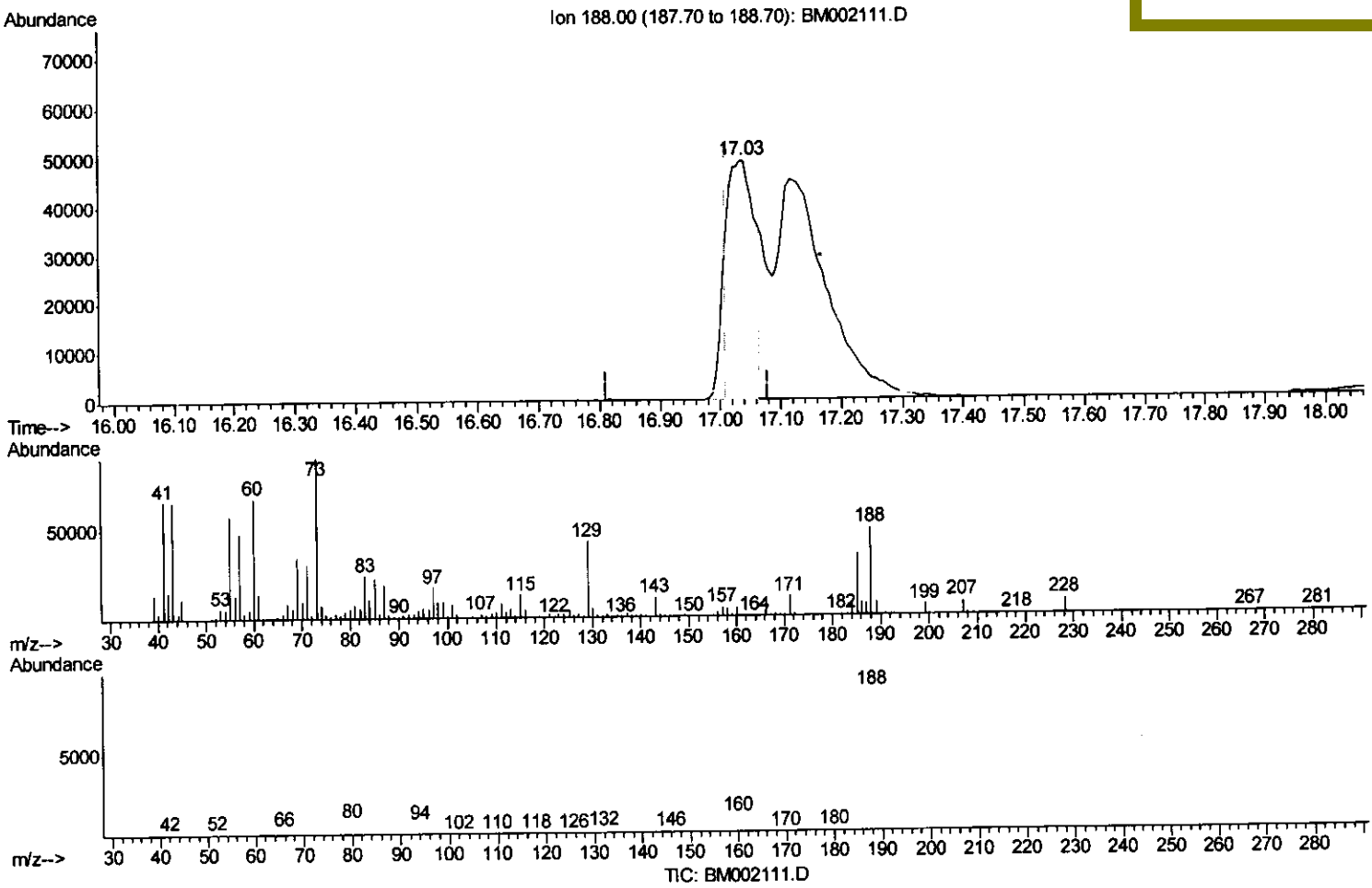
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01N0

Manual Integrations APPROVED
apatel
7/30/2015 7:48:03 AM



(62) Phenanthrene-d10 (I)

17.033min (+0.024) 20.00ng/ul

response 167438

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	9.46#
80.00	8.20	10.52#
0.00	0.00	0.00

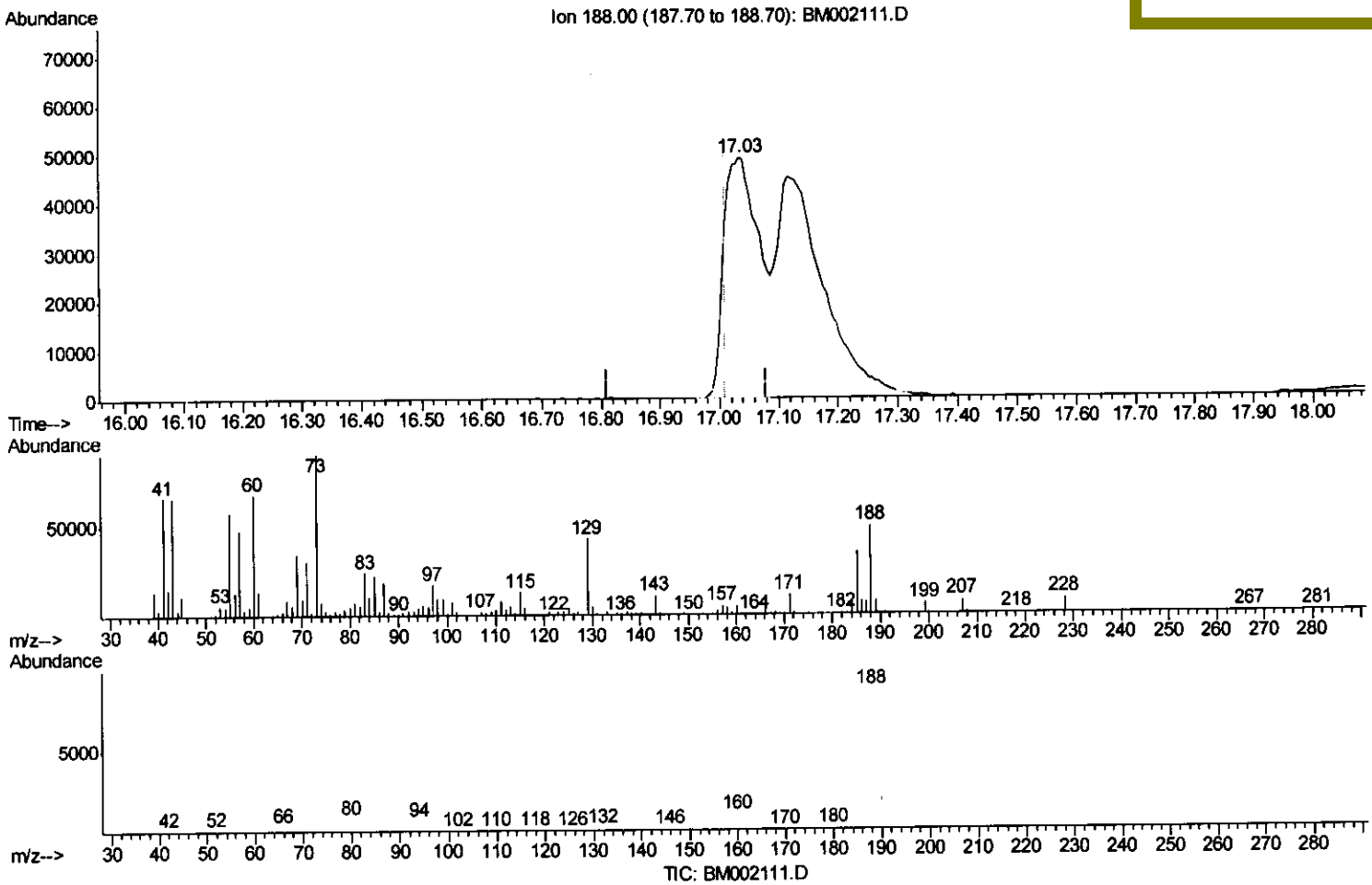
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002111.D
Acq On : 29 Jul 2015 02:15
Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 29 07:38:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:50:38 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01N0

Manual Integrations APPROVED
apatel
7/30/2015 7:48:03 AM



TIC: BM002111.D

(62) Phenanthrene-d10 (I)

17.033min (+0.024) 20.00ng/ul m T.P 7/30/15

response 207371

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	9.46#
80.00	8.20	10.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM002111.D
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Operator : TP/UM
Sample : G3030-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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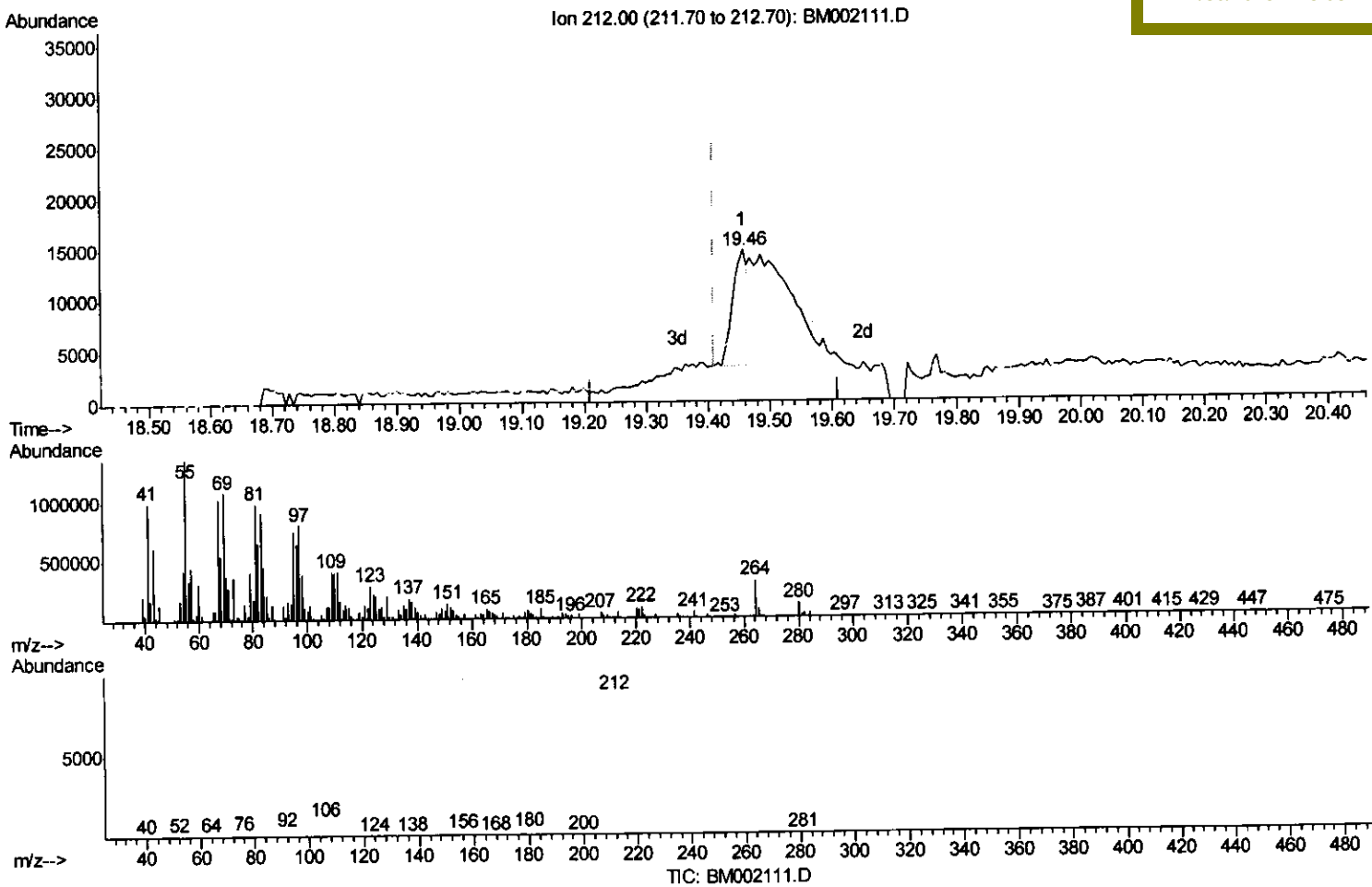
Instrument :
BNA_M
ClientSampleId :
C01N0

Manual Integrations APPROVED
apatel
7/30/2015 7:48:03 AM



(79) Pyrene-d10 (S)

19.457min (+0.047) 1.27ng/ul

response 17899

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	147.64#
104.00	7.50	42.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM002111.D
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ALS Vial : 19 Sample Multiplier: 1

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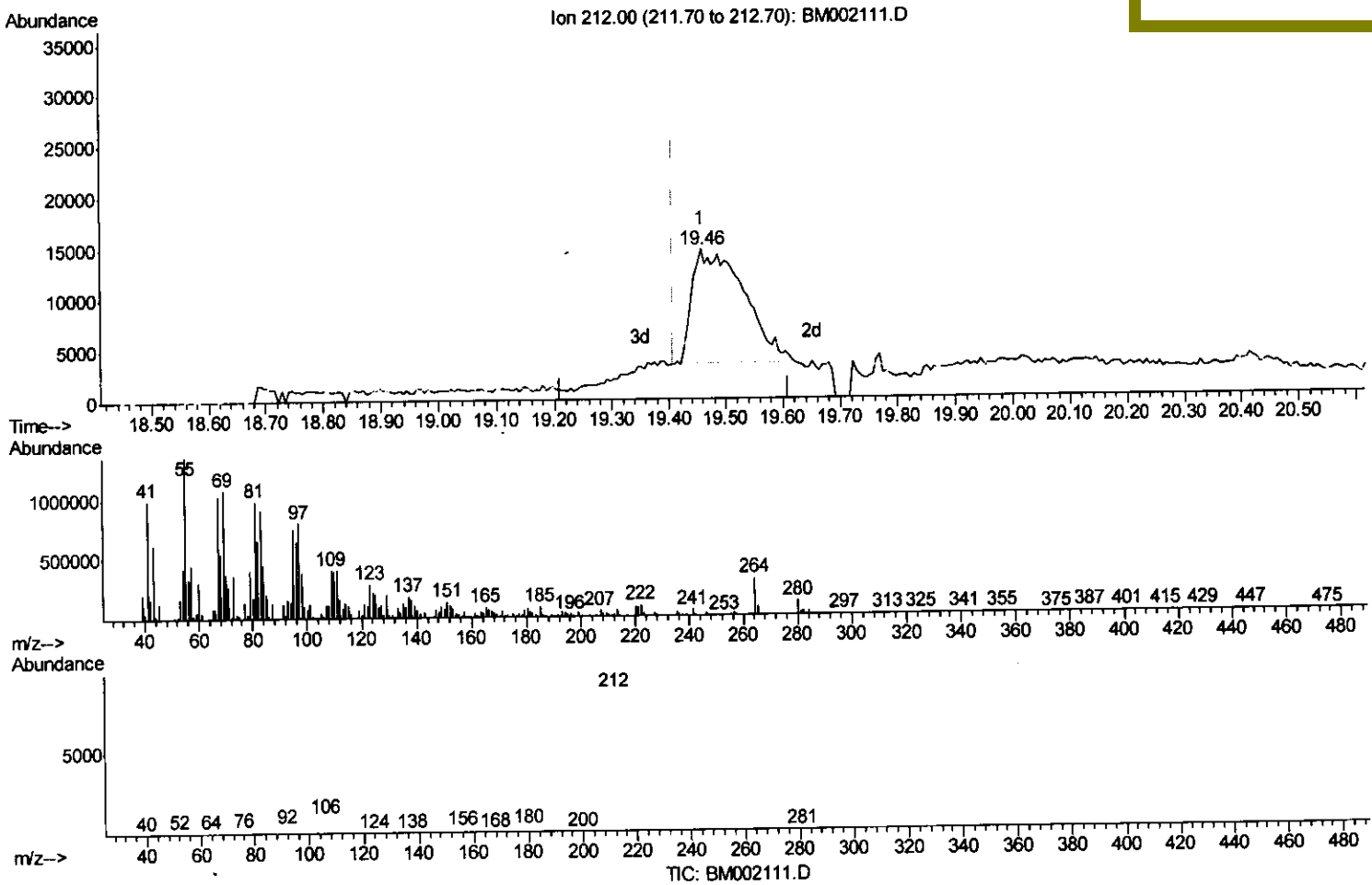
Instrument :
BNA_M
ClientSampleId :
C01N0

Manual Integrations APPROVED
apatel
7/30/2015 7:48:03 AM



TIC: BM002111.D

(79) Pyrene-d10 (S)

19.457min (+0.047) 4.95ng/ul m

response 69803

T.P 7/30/15

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	147.64#
104.00	7.50	42.11#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
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Instrument : BNA_M
ClientSampleId : C01N0

Manual Integrations APPROVED
apatel
7/30/2015 7:48:03 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	55926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	208776	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	119677m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	207371m	20.00	ng/ul	0.02
78) Chrysene-d12	21.30	240	335088	20.00	ng/ul	0.10
86) Perylene-d12	23.43	264	318226	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	2134	1.97	ng/uL	0.00
5) Phenol-d5	6.78	99	55749	13.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	36078	16.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	46955	13.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	48669	15.31	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	23998	16.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	26811	16.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	49729	15.66	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.68	166	140793	16.06	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	151285	13.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	3487	2.38	ng/ul	0.03
58) Fluorene-d10	15.27	176	125490m	16.27	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	134	0.11	ng/ul	0.01
71) Anthracene-d10	17.12	188	233489	25.22	ng/ul	0.01
79) Pyrene-d10	19.46	212	69803m	4.95	ng/ul	0.05
90) Benzo(a)pyrene-d12	23.29	264	213285	13.83	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	6.80	94	4752	1.16	ng/ul#	90
14) Acetophenone	8.42	105	5971	1.19	ng/ul#	95
16) 4-Methylphenol	8.37	108	18810	5.66	ng/ul	87
45) Dimethylphthalate	13.73	163	70887	8.10	ng/ul	97

T.P 7/30/15

T.P 7/30/15

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