

Quantitation Report (QT Reviewed)

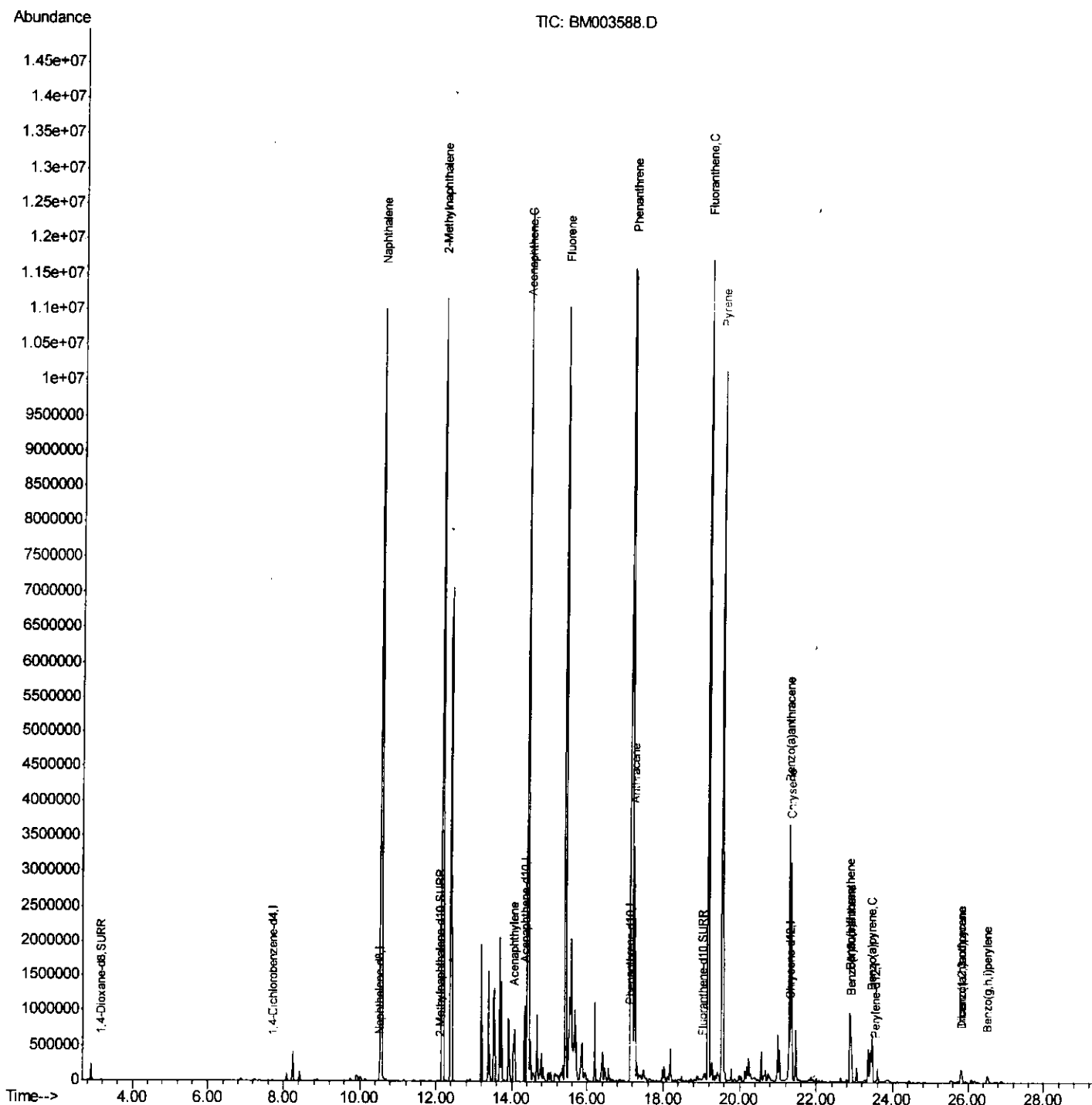
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003588.D
 Acq On : 16 Dec 2015 21:30
 Operator : UM/IZ
 Sample : G4767-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N34

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:36:12 PM

Quant Time: Dec 17 07:57:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 02:56:38 2015
 Response via : Initial Calibration



Quantitation Report (Qedit)

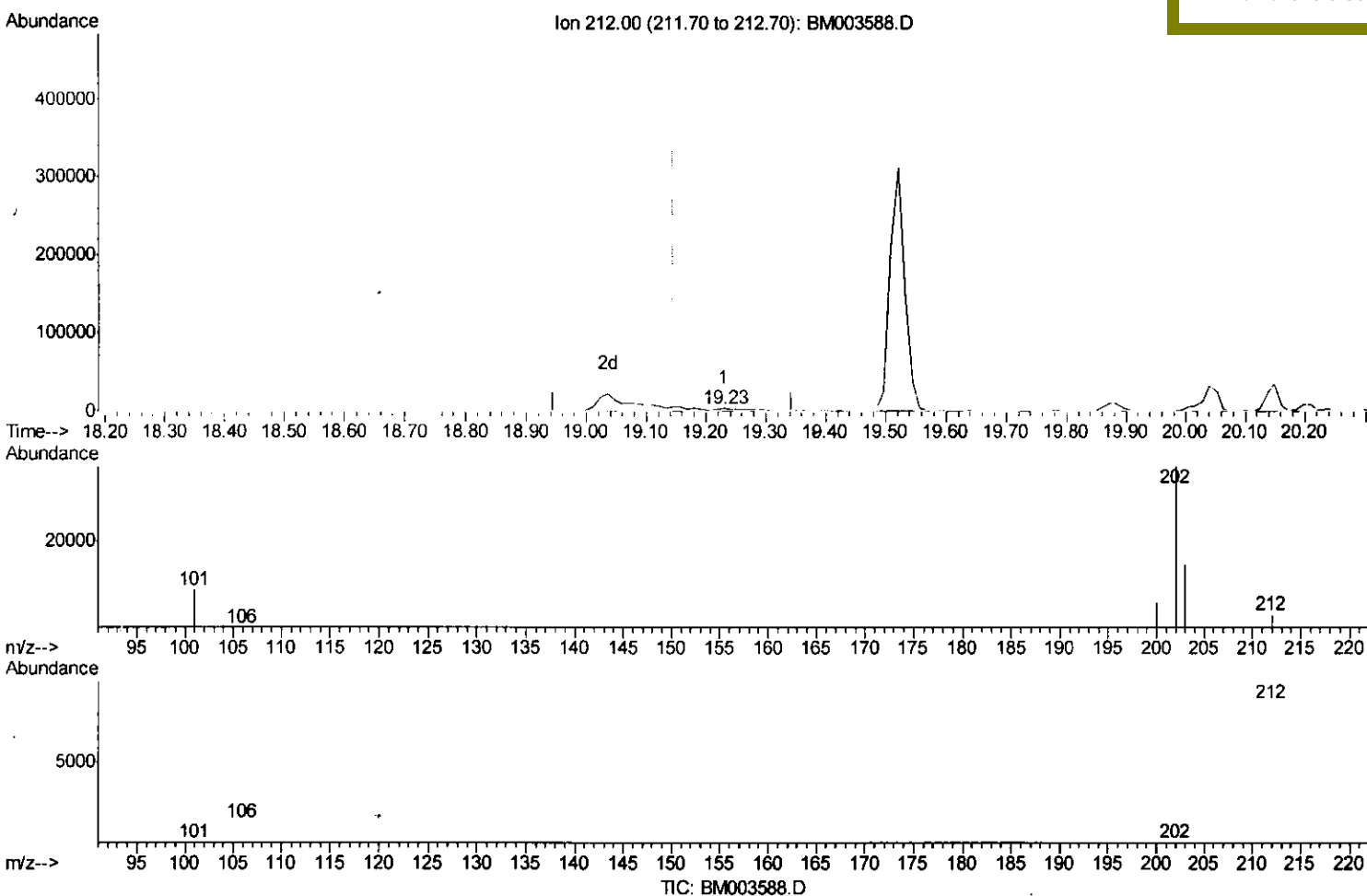
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
Data File : BM003588.D
Acq On : 16 Dec 2015 21:30
Operator : UM/IZ
Sample : G4767-12
Misc :
ALS Vial : 15 Sample Multiplier: 1.0

Instrument :
BNA_M
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D9N34

Quant Time: Dec 17 03:02:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(16) Fluoranthene-d10 (SURR)

19.229min (+0.085) 0.22ng/ul

response 9489

Ion	Exp%	Act%
212.00	100	100
106.00	0.00	24.25#
104.00	0.00	14.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

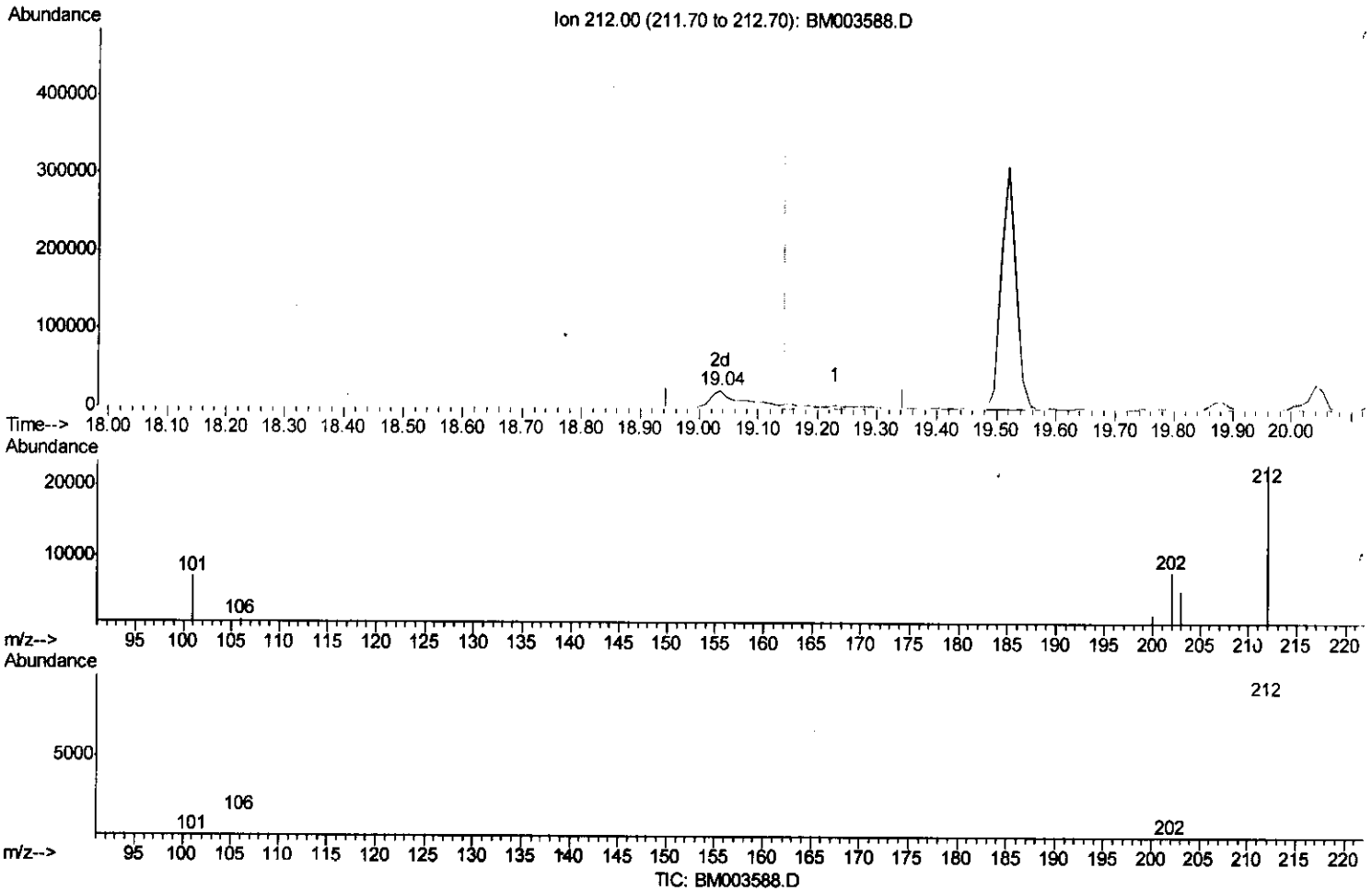
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(16) Fluoranthene-d10 (SURR)

19.036min (-0.109) 2.18ng/ul m

response 93637

Ion	Exp%	Act%
212.00	100	100
106.00	0.00	2.46#
104.00	0.00	1.47#
0.00	0.00	0.00

U.M
 12/18/15

Quantitation Report (Qedit)

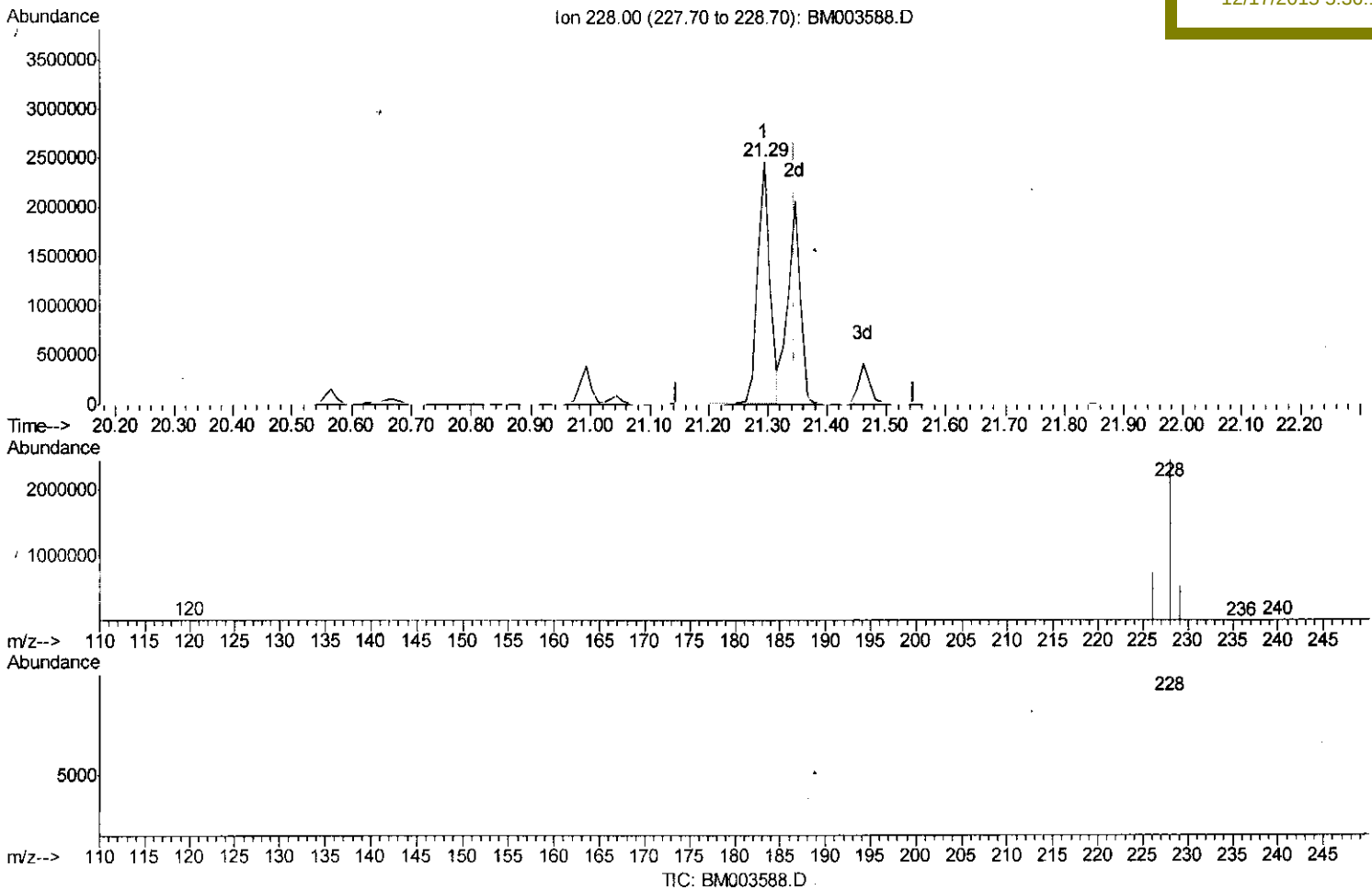
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(21) Chrysene

21.294min (-0.052) 51.91ng/ul

response 3616345

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	29.55
229.00	21.30	21.48
0.00	0.00	0.00

Quantitation Report (Qedit)

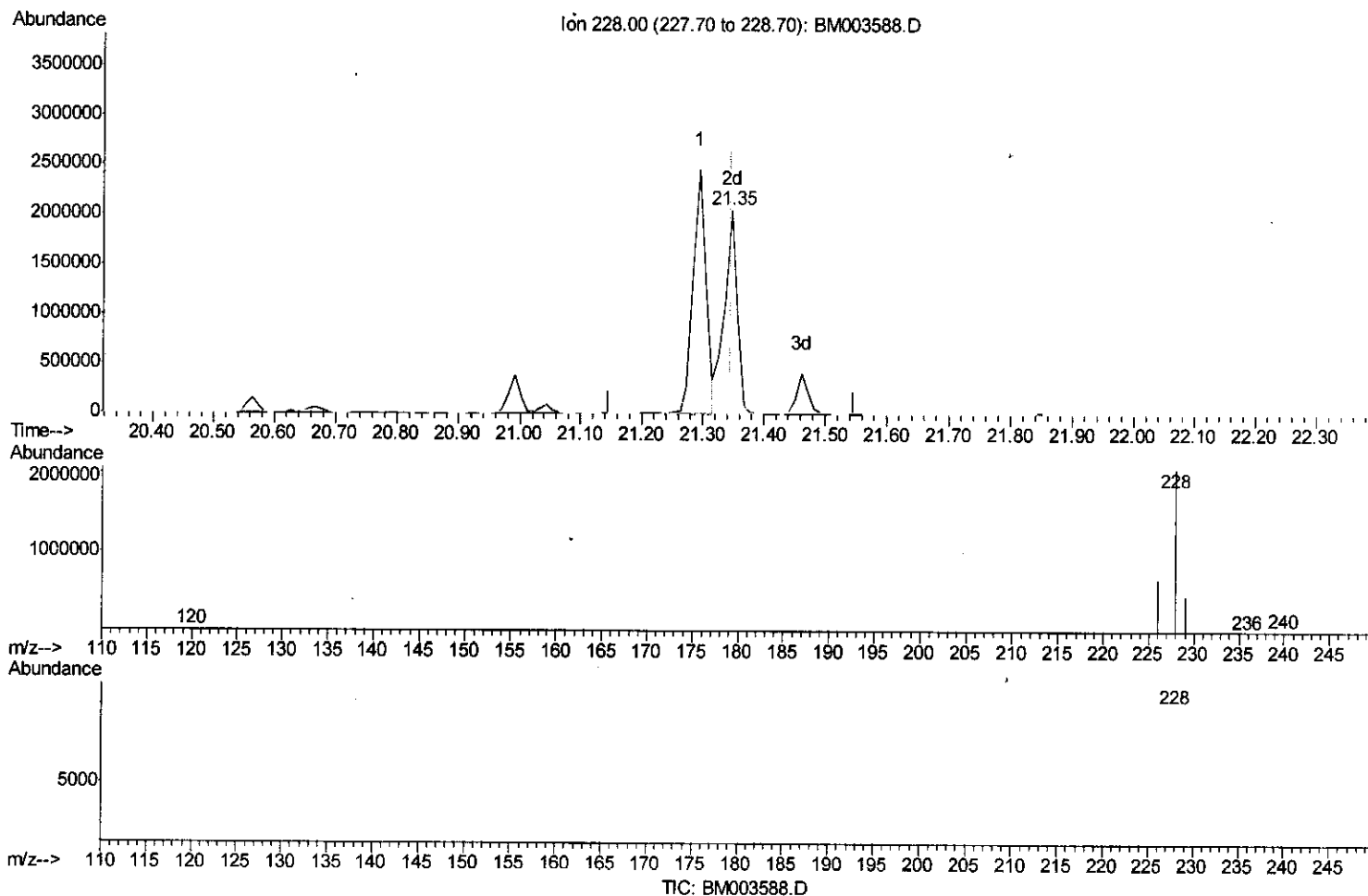
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(21) Chrysene

21.346min (+0.000) 43.90ng/ul m U.M
 response 3058604 12/18/15

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	32.03#
229.00	21.30	22.30
0.00	0.00	0.00

Quantitation Report (Qedit)

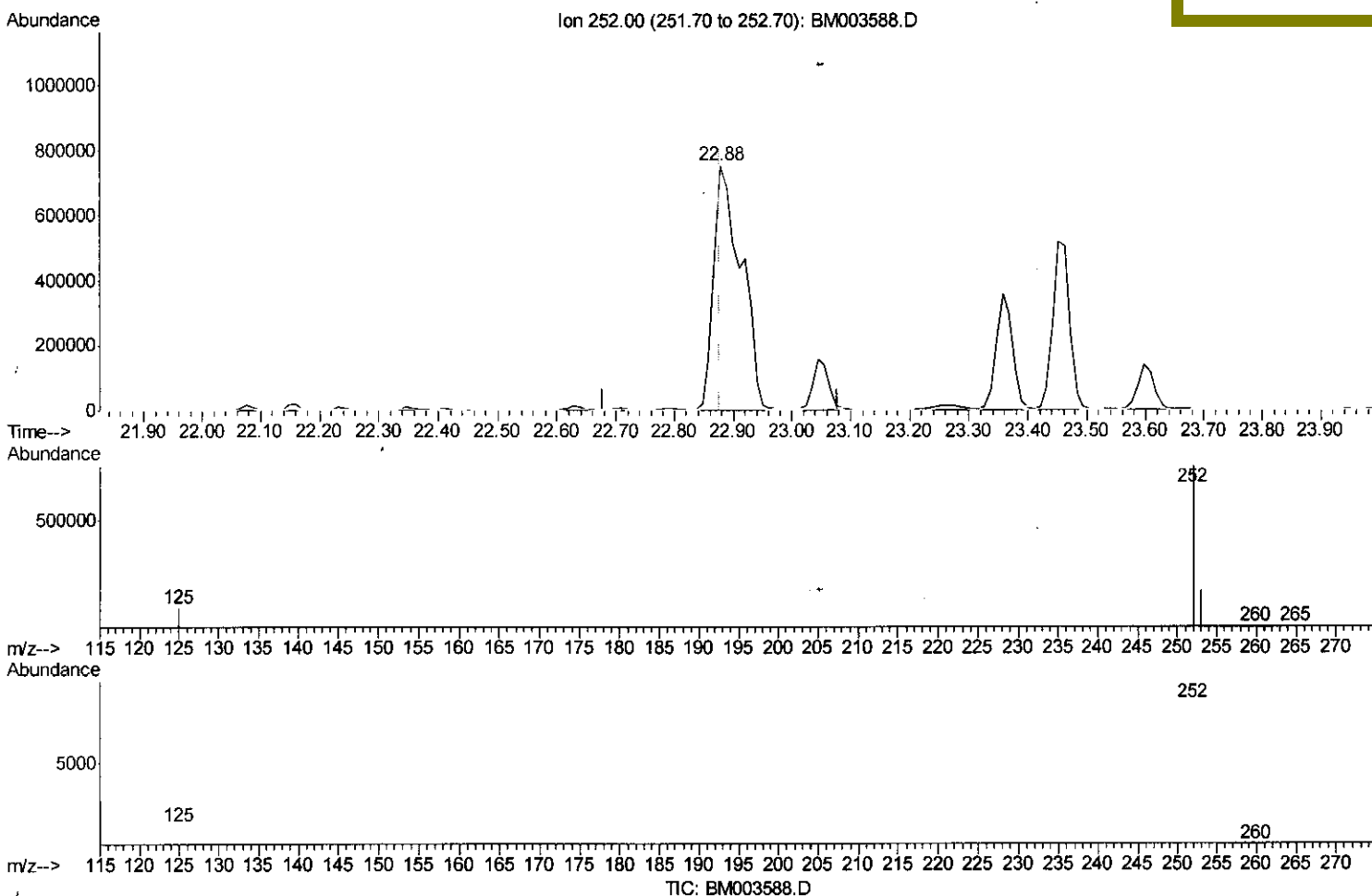
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(23) Benzo(b)fluoranthene

22.878min (+0.000) 40.11ng/ul

response 2458365

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.70
125.00	14.40	12.04
0.00	0.00	0.00

Quantitation Report (Qedit)

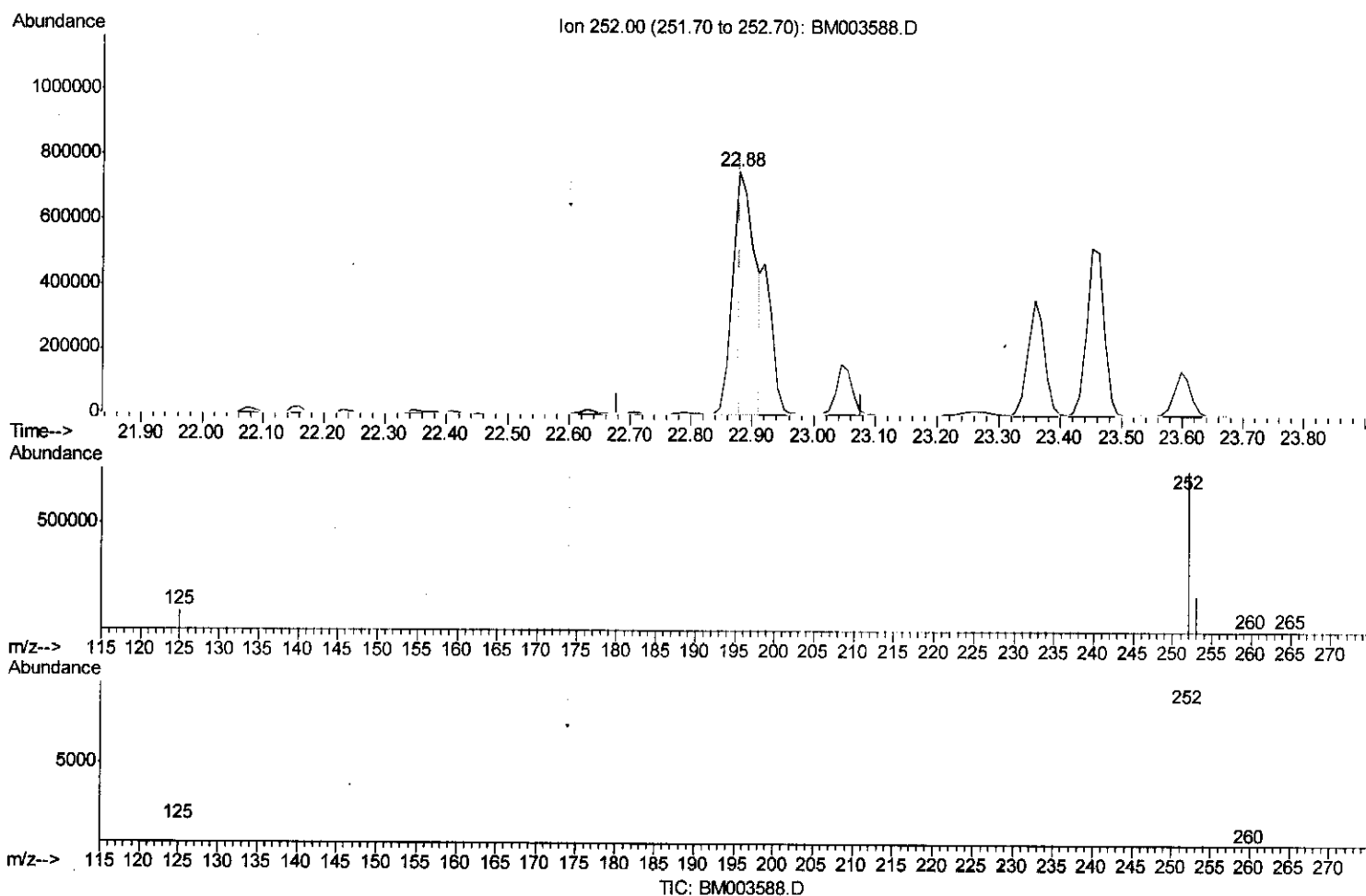
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003588.D
 Acq On : 16 Dec 2015 21:30
 Operator : UM/IZ
 Sample : G4767-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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(23) Benzo(b)fluoranthene

22.878min(+0.000) 31:17ng/ul m U.M
 response 1910679 12/18/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.70
125.00	14.40	12.04
0.00	0.00	0.00

Quantitation Report (Qedit)

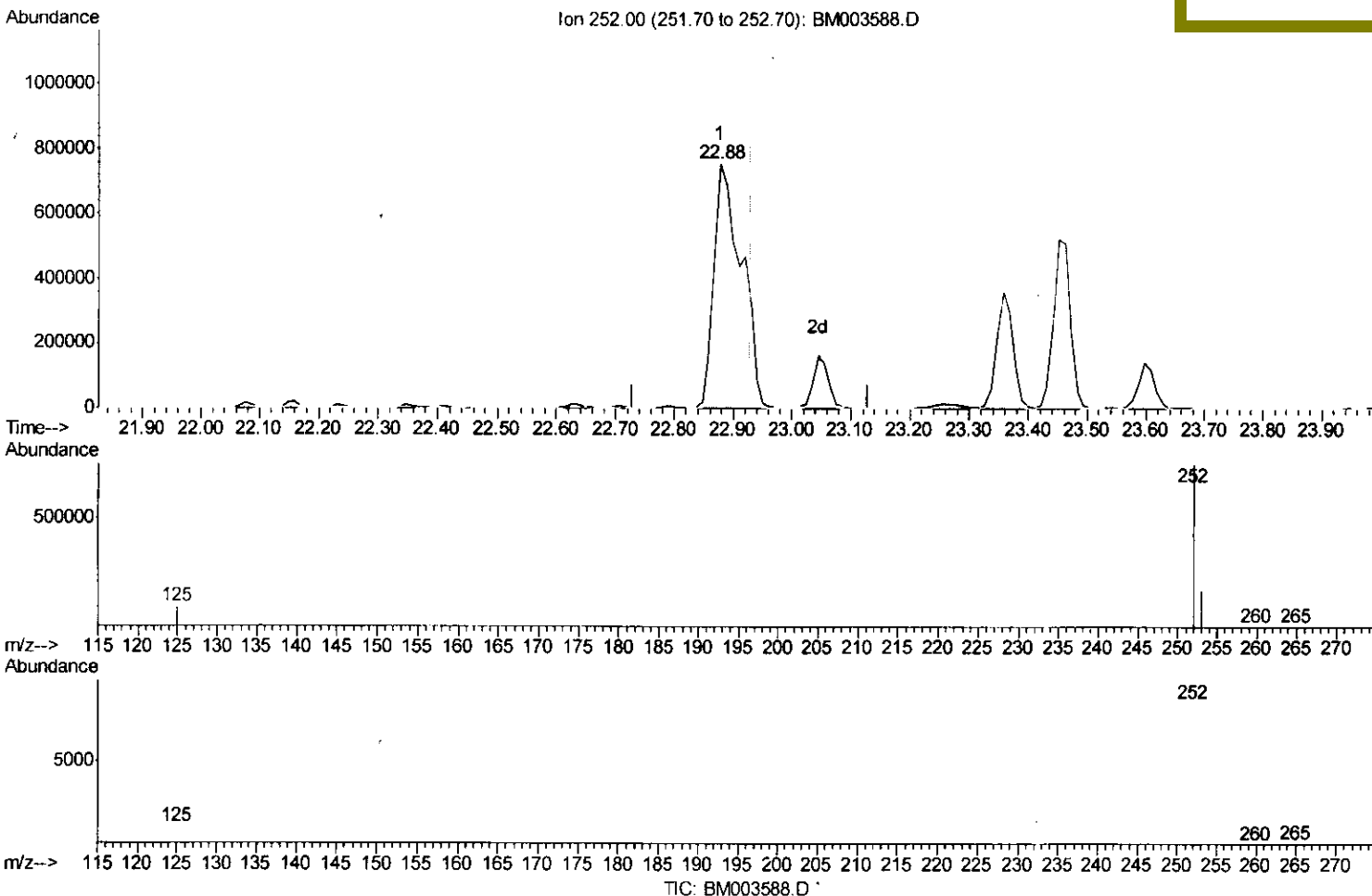
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003588.D
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 Operator : UM/IZ
 Sample : G4767-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N34

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Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:36:12 PM



(24) Benzo(k)fluoranthene

22.878min (-0.052) 44.25ng/ul

response 2458365

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	22.70
125.00	13.00	12.04
0.00	0.00	0.00

Quantitation Report (Qedit)

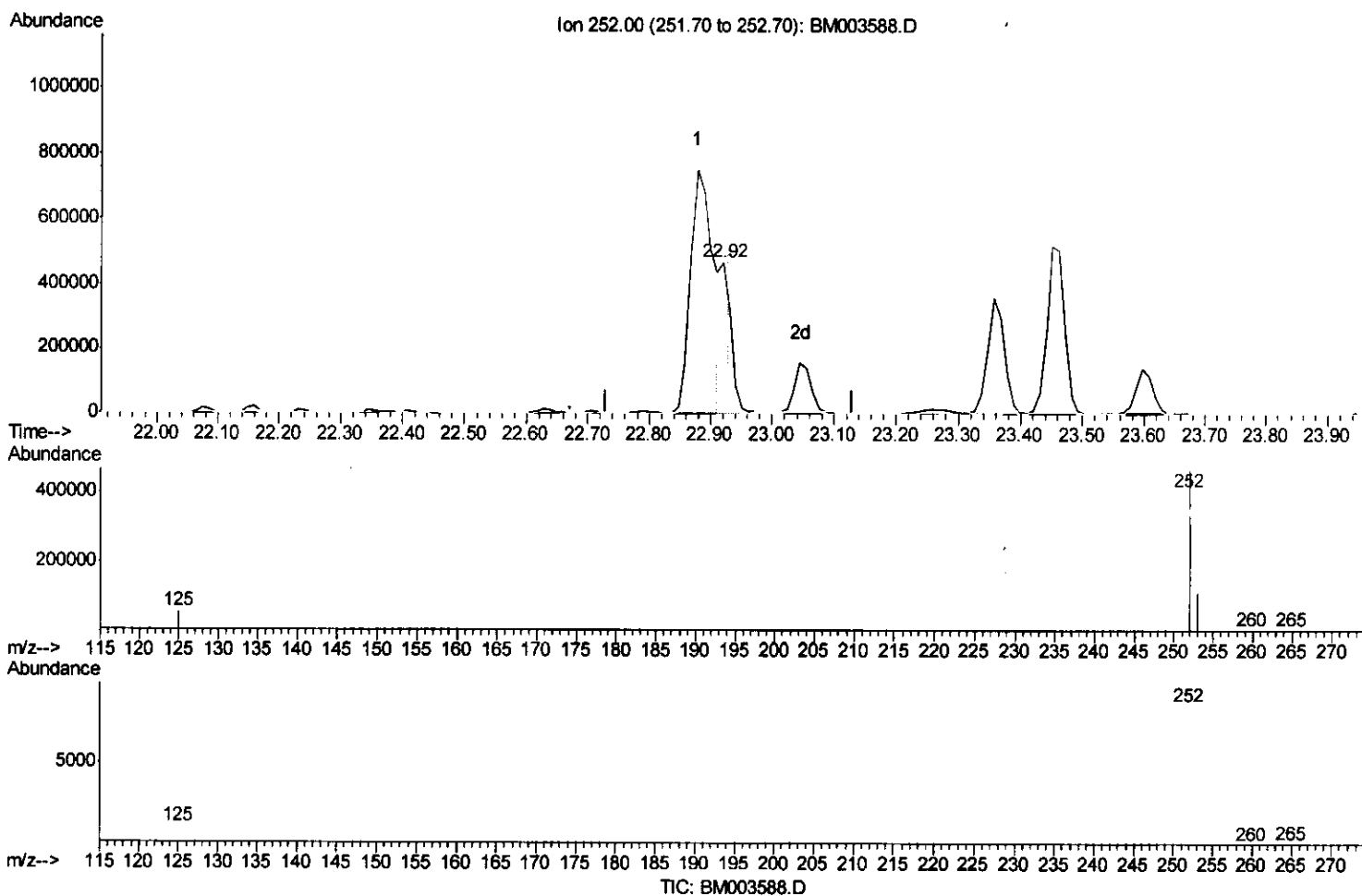
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003588.D
 Acq On : 16 Dec 2015 21:30
 Operator : UM/IZ
 Sample : G4767-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N34

Manual Integrations
 APPROVED

MMdadoda
 12/17/2015 5:36:12 PM

Quant Time: Dec 17 03:02:19 2015
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 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

22.920min (-0.010) 10.10ng/ul m *U.M*
12/18/15

response 561288

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.42
125.00	13.00	11.32
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
 Data File : BM003588.D
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 Sample : G4767-12
 Misc :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4997	0.40	ng/ul	0.00
4) Naphthalene-d8	10.51	136	20058	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.35	164	50241	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.12	188	20271	0.40	ng/ul	0.02
18) Chrysene-d12	21.31	240	24905	0.40	ng/ul	0.00
22) Perylene-d12	23.56	264	17959	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.17	96	11571	5.42	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	4197	0.17	ng/ul	0.00
16) Fluoranthene-d10	19.04	212	93637m	2.18	ng/ul	-0.11

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.58	128	23282047	515.23	ng/ul#	87
7) 2-Methylnaphthalene	12.18	142	9723734	320.54	ng/ul	96
9) Acenaphthylene	14.07	152	784151	4.09	ng/ul#	90
10) Acenaphthene	14.43	153	11781369	76.16	ng/ul#	83
11) Fluorene	15.43	166	10231545	59.67	ng/ul#	82
14) Phenanthrene	17.19	178	26293601	502.90	ng/ul#	87
15) Anthracene	17.24	178	4148148	91.71	ng/ul#	94
17) Fluoranthene	19.19	202	16409942	289.02	ng/ul	88
19) Pyrene	19.56	202	12321273	183.26	ng/ul#	89
20) Benzo(a)anthracene	21.29	228	3616345	59.47	ng/ul#	93
21) Chrysene	21.35	228	3058604m	43.90	ng/ul	
23) Benzo(b)fluoranthene	22.88	252	1910679m	31.17	ng/ul	
24) Benzo(k)fluoranthene	22.92	252	561288m	10.10	ng/ul	
25) Benzo(a)pyrene	23.45	252	1030240	19.93	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	25.82	276	295953	4.94	ng/ul#	95
27) Dibenzo(a,h)anthracene	25.83	278	90268	1.87	ng/ul	97
28) Benzo(g,h,i)perylene	26.52	276	225847	4.33	ng/ul	96

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