

Quantitation Report (QT Reviewed)

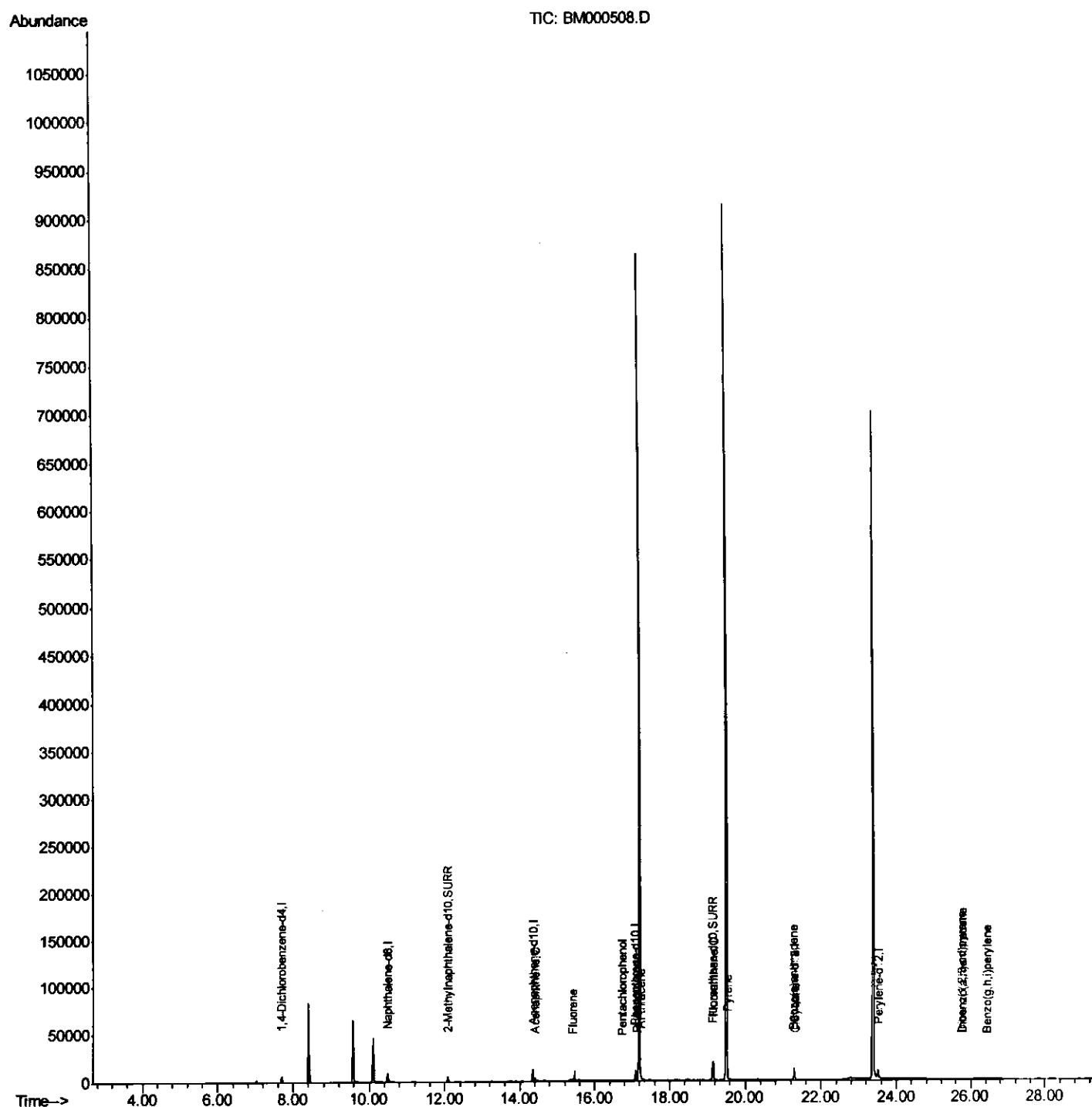
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM

Quant Time: Feb 13 10:36:07 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration



Quantitation Report (Qedit)

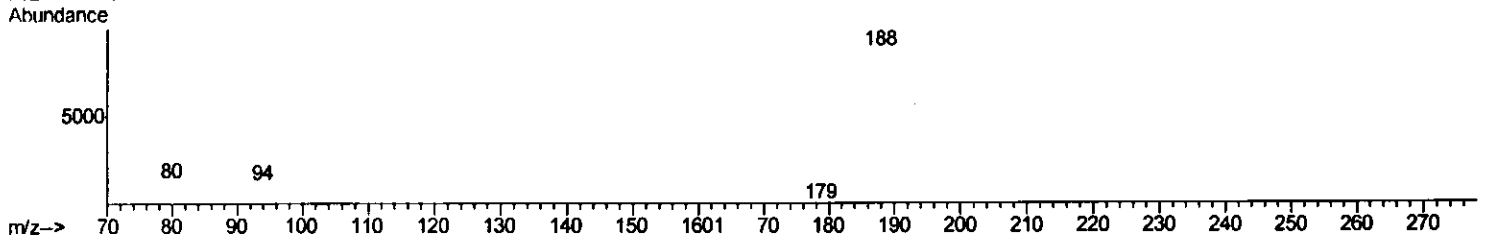
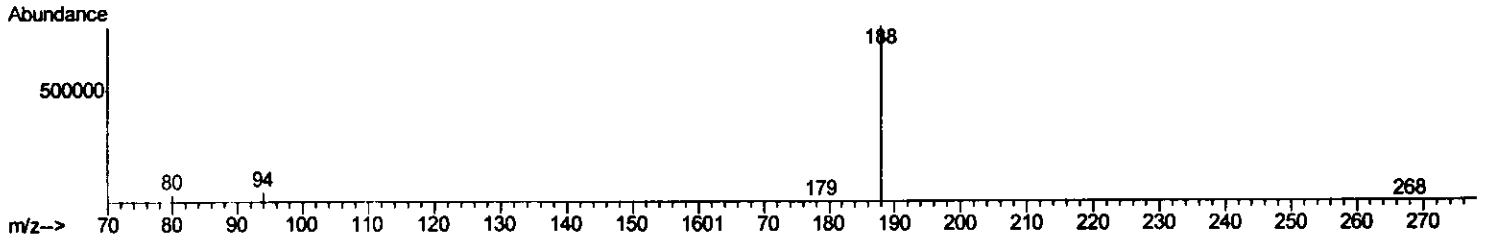
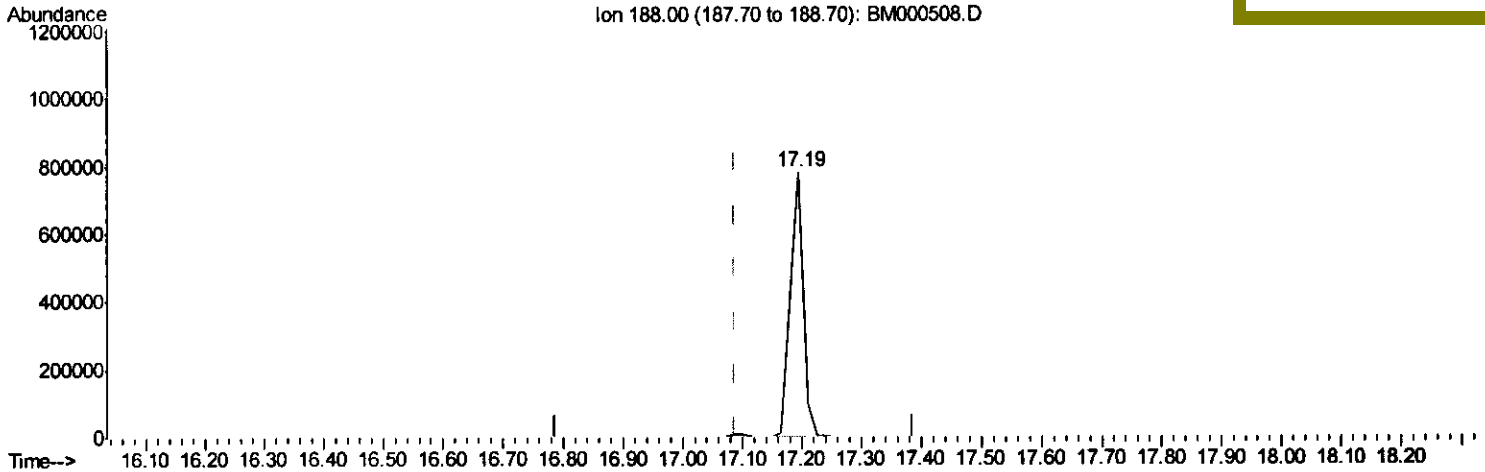
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Quant Time: Feb 13 10:33:24 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM



TIC: BM000508.D

(10) Phenanthrene-d10 (I)

17.195min (+0.108) 0.40ng/ul

response 1174034

Ion	Exp%	Act%
188.00	100	100
94.00	11.90	5.69#
80.00	13.10	4.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

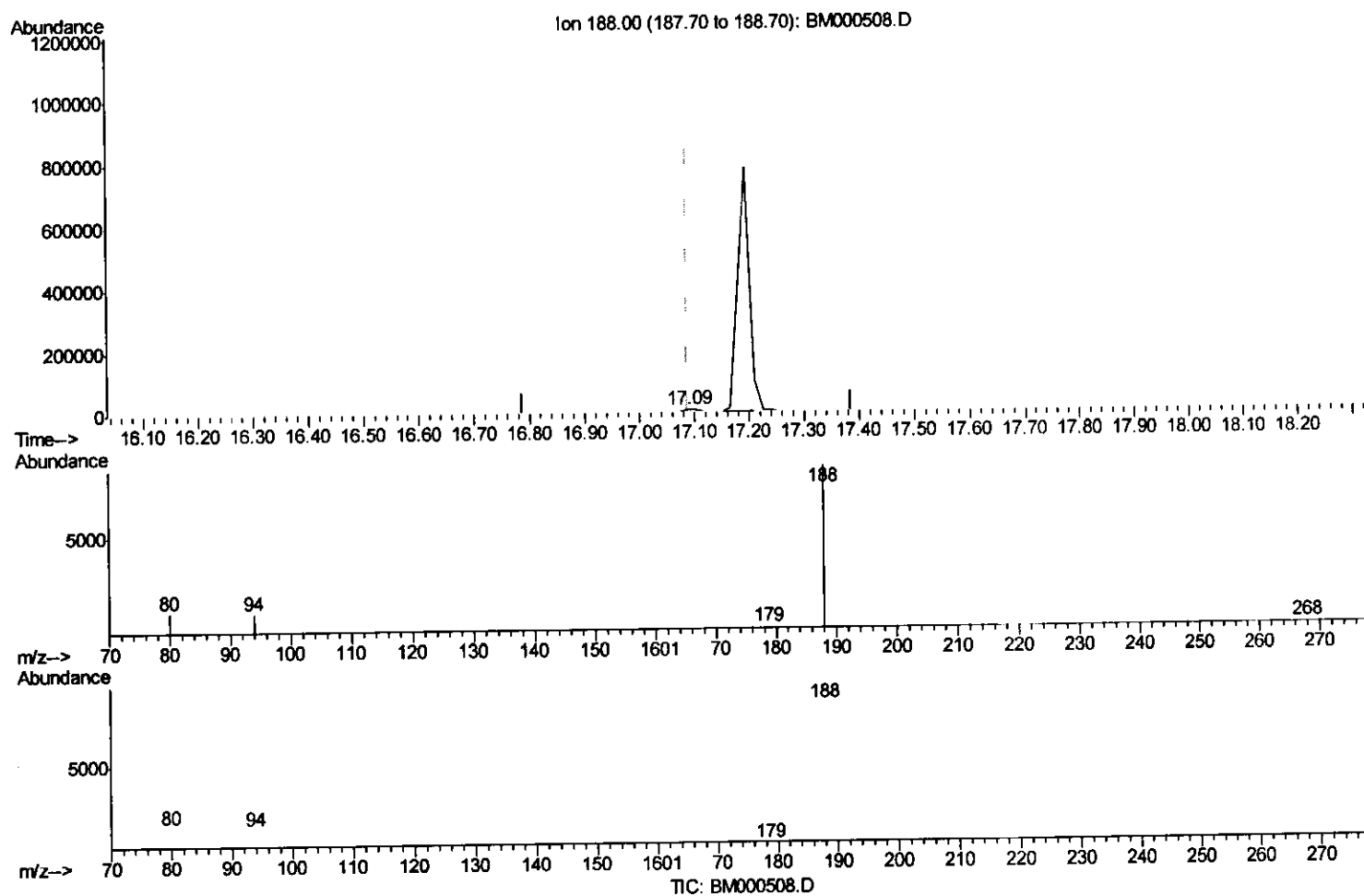
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM

Quant Time: Feb 13 10:33:24 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.086min (-0.000) 0.40ng/ul m

response 14903

Ion	Exp%	Act%
188.00	100	100
94.00	11.90	12.11
80.00	13.10	12.55
0.00	0.00	0.00

Quantitation Report (Qedit)

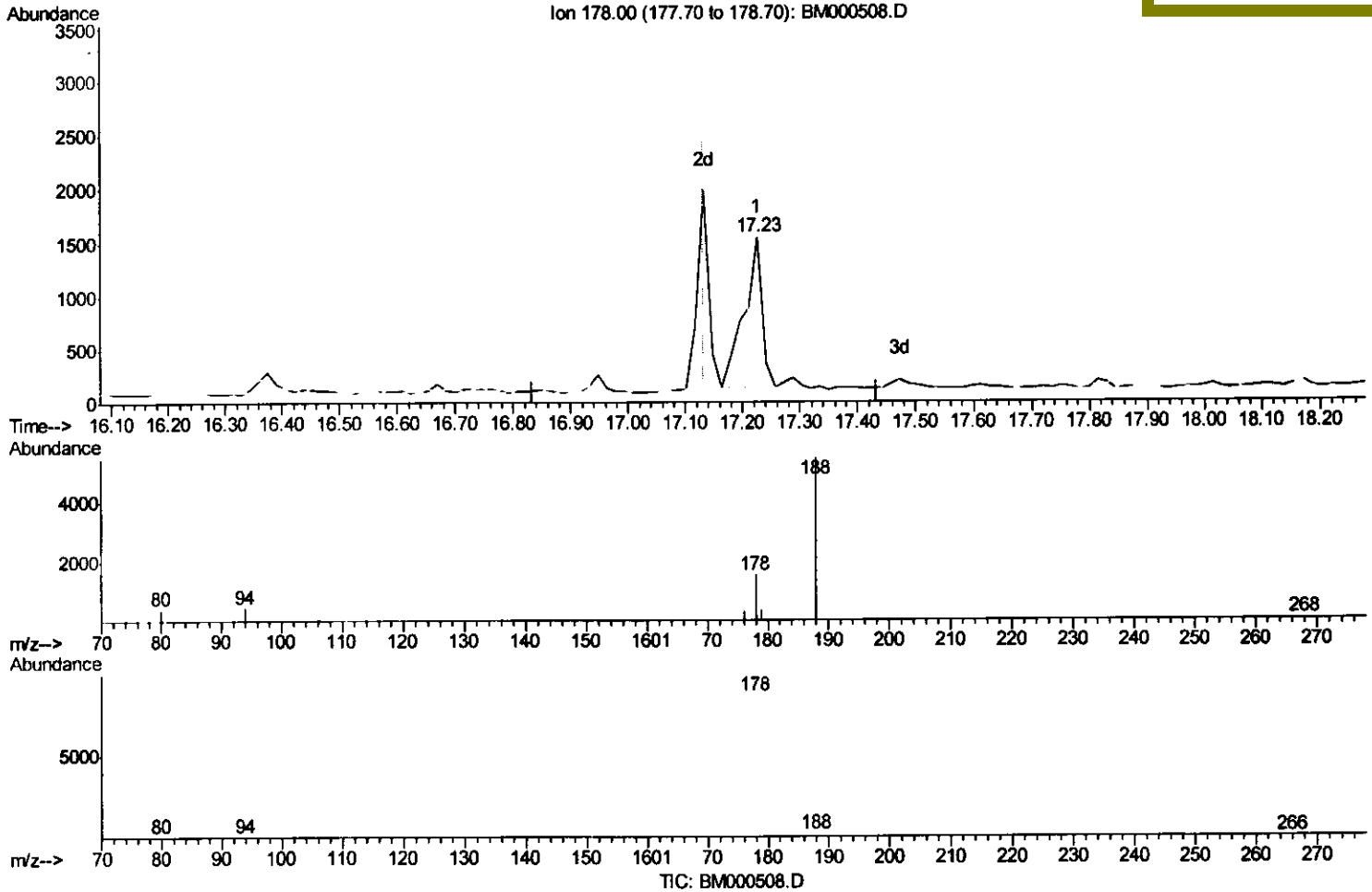
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Quant Time: Feb 13 10:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM



(12) Phenanthrene

17.226min (+0.093) 0.08ng/ul

response 3134

Ion	Exp%	Act%
178.00	100	100
176.00	19.40	22.70
179.00	15.60	24.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

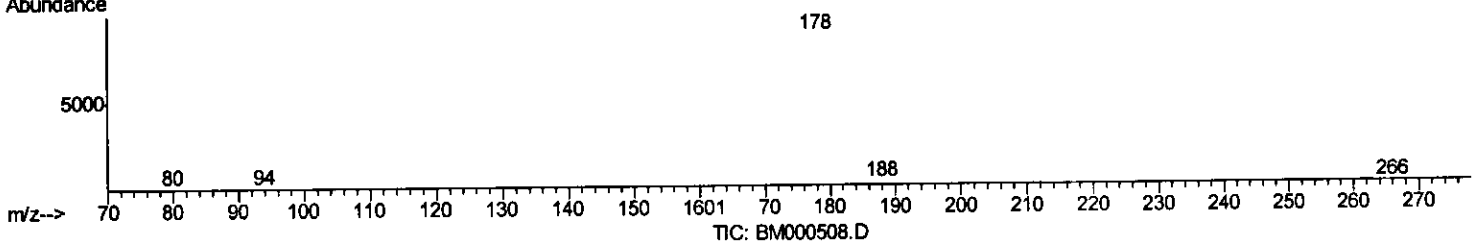
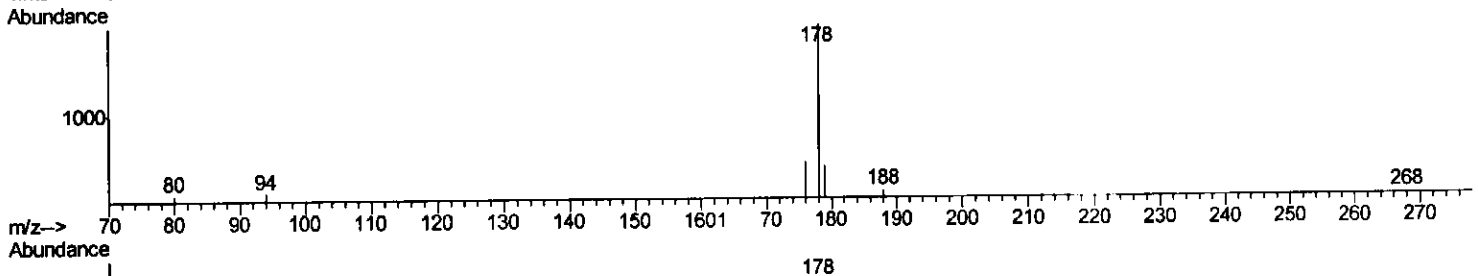
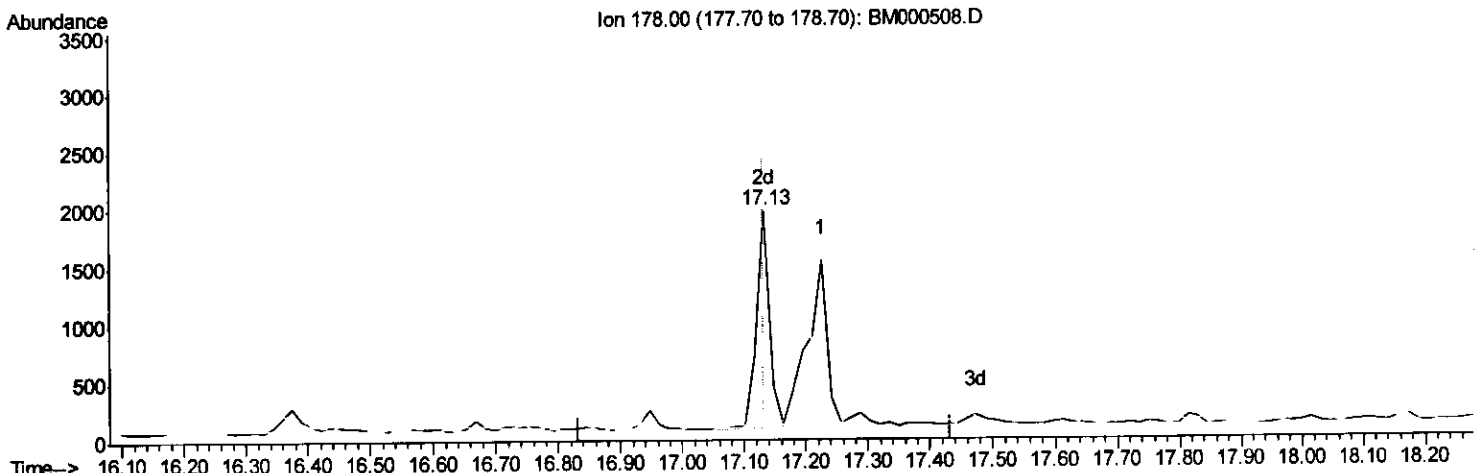
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM

Quant Time: Feb 13 10:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration



(12) Phenanthrene

17.133min (-0.000) 0.07ng/ul m

response 2742

Ion Exp% Act%

178.00 100 100

176.00 19.40 22.24

179.00 15.60 20.43#

0.00 0.00 0.00

T.P.
 2/17/15

Quantitation Report (Qedit)

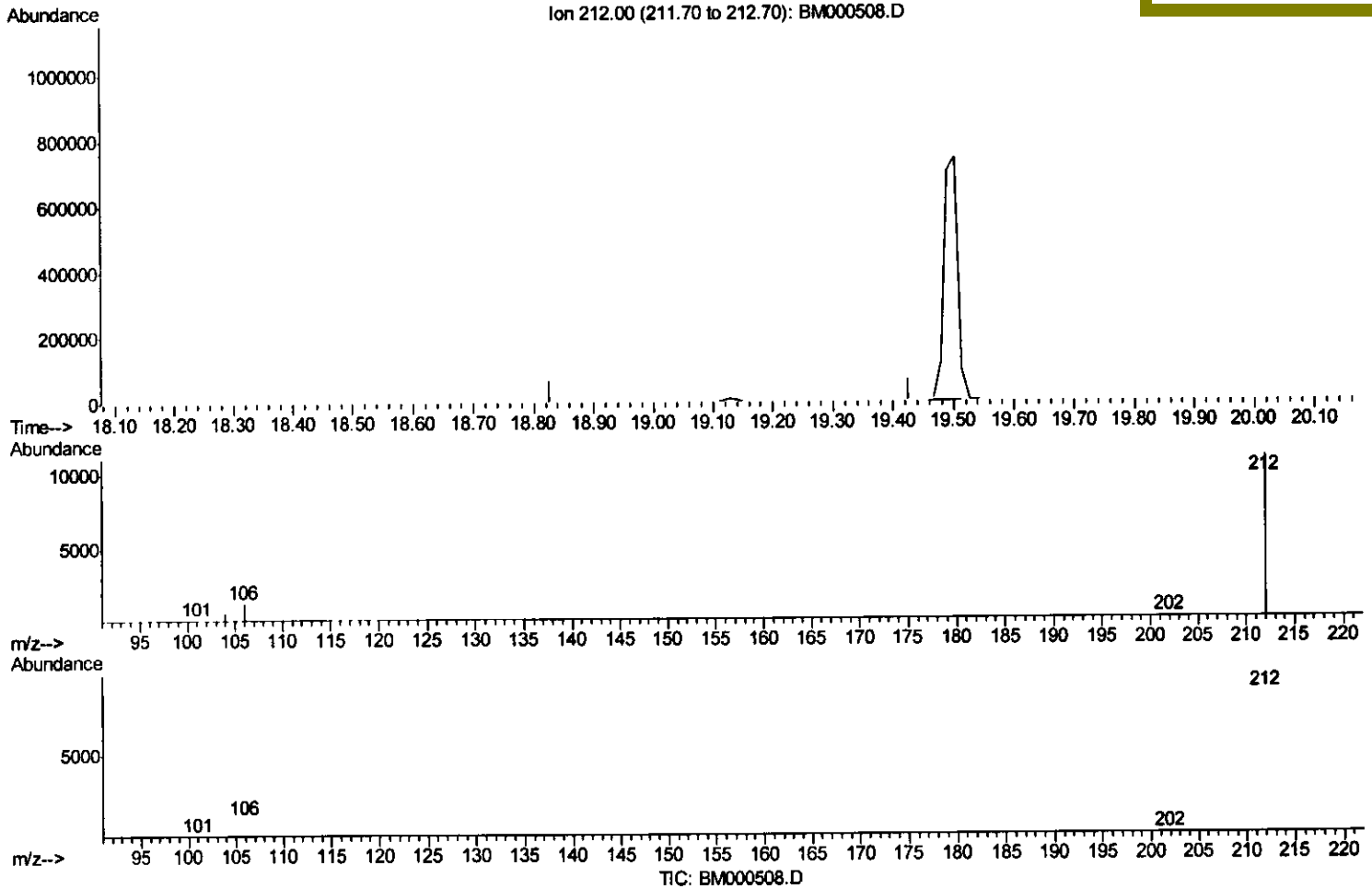
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Quant Time: Feb 13 10:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM



(14) Fluoranthene-d10 (SURR)

19.127min (-19.127) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	11.30	0.00#
104.00	7.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

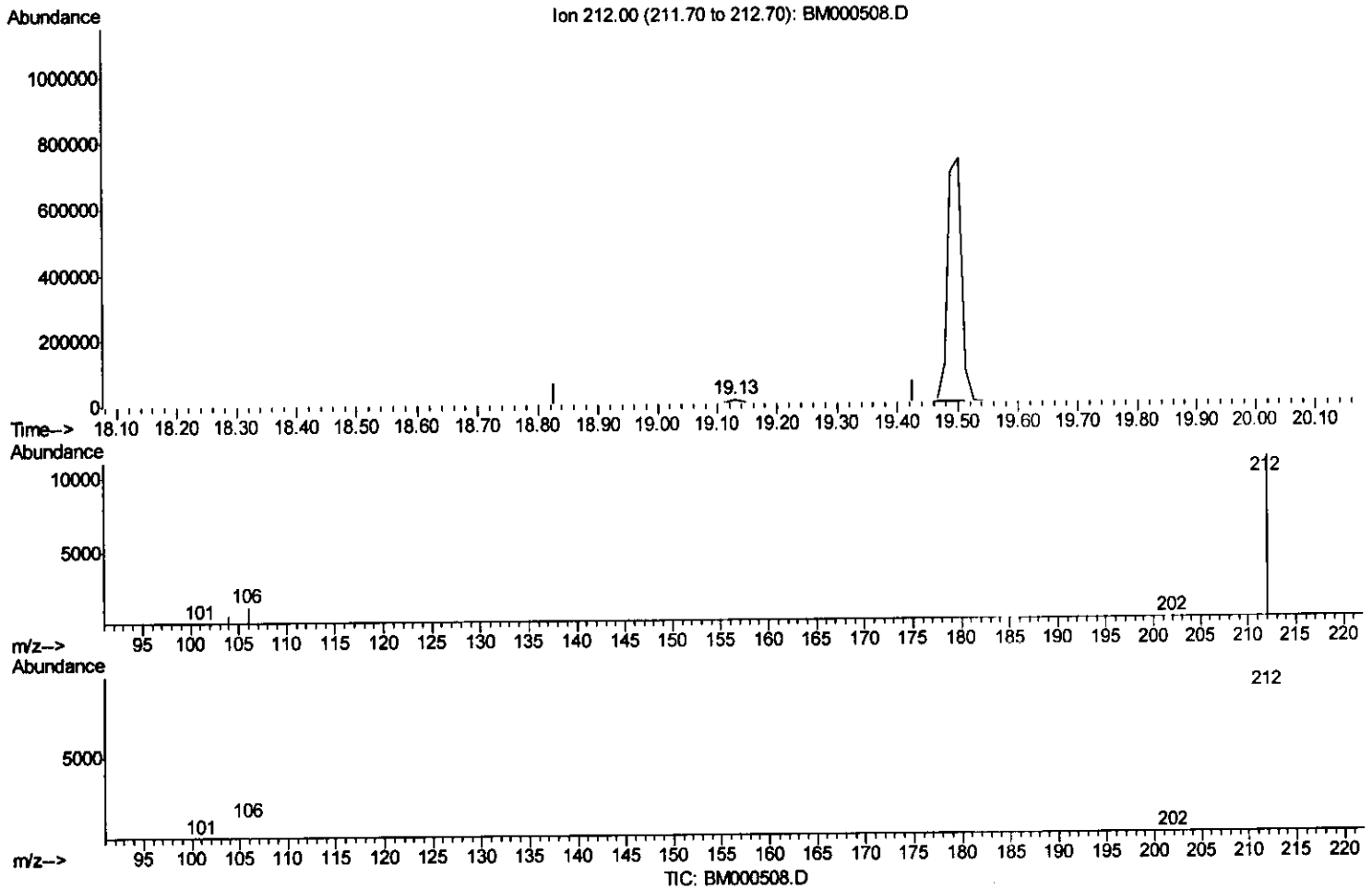
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM

Quant Time: Feb 13 10:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.127min (-0.000) 0.48ng/ul m

response 15045

Ion	Exp%	Act%
212.00	100	100
106.00	11.30	0.00#
104.00	7.10	0.00#
0.00	0.00	0.00

T.P.
 2/17/15

Quantitation Report (Qedit)

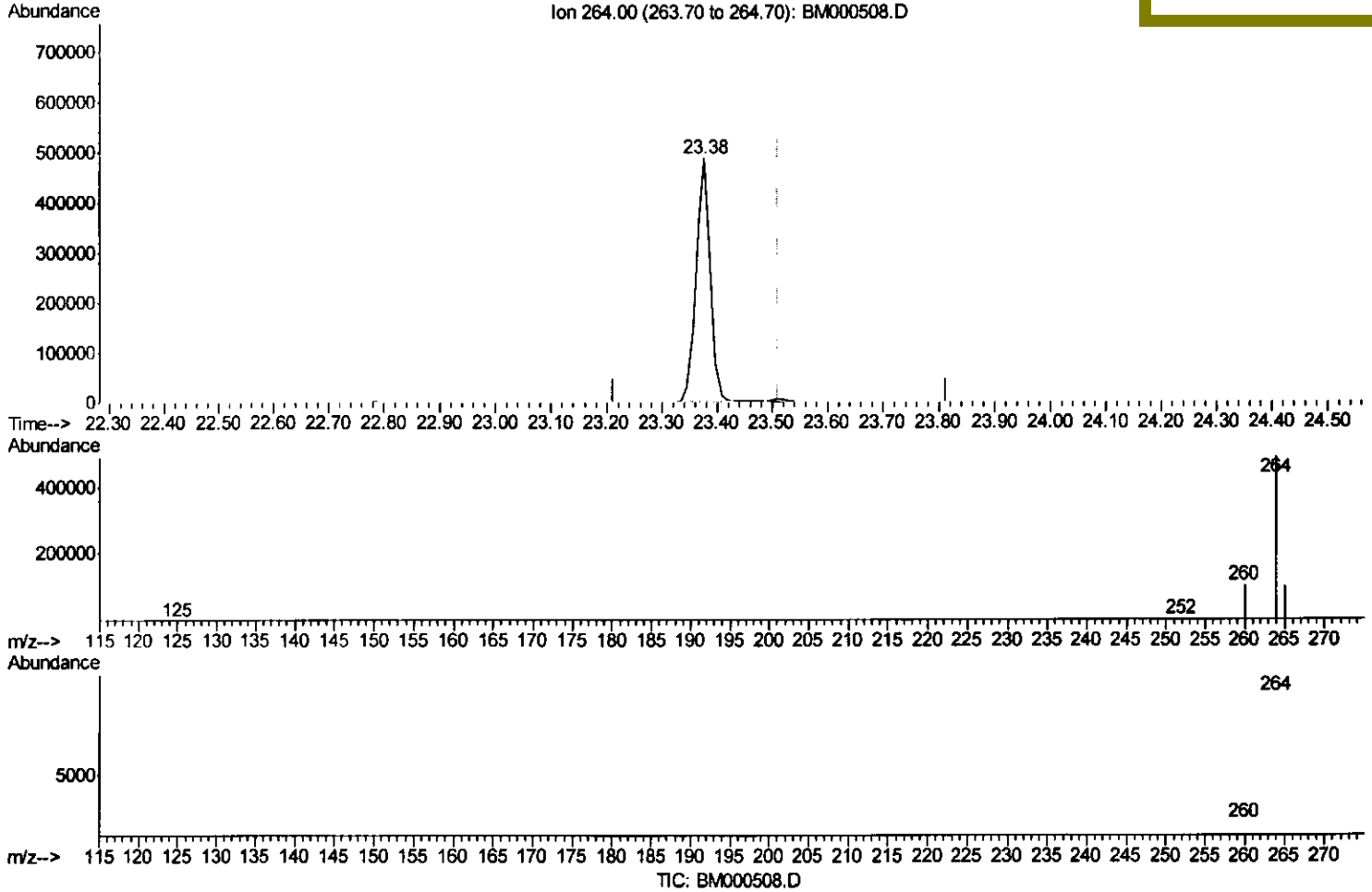
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Quant Time: Feb 13 10:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM



(20) Perylene-d12 (I)

23.377min (-0.136) 0.40ng/ul

response 896237

Ion	Exp%	Act%
264.00	100	100
260.00	27.00	21.21#
265.00	29.60	20.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

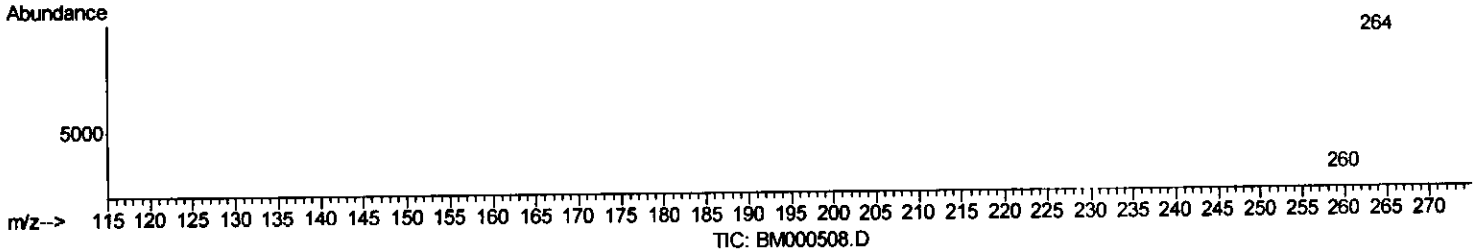
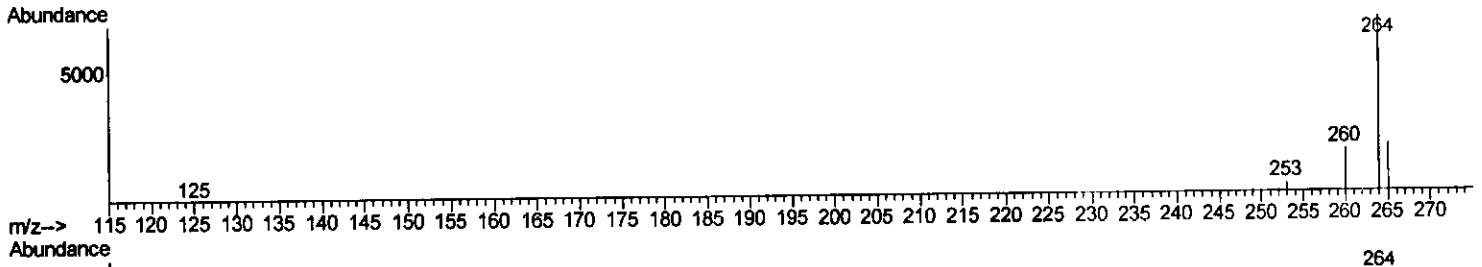
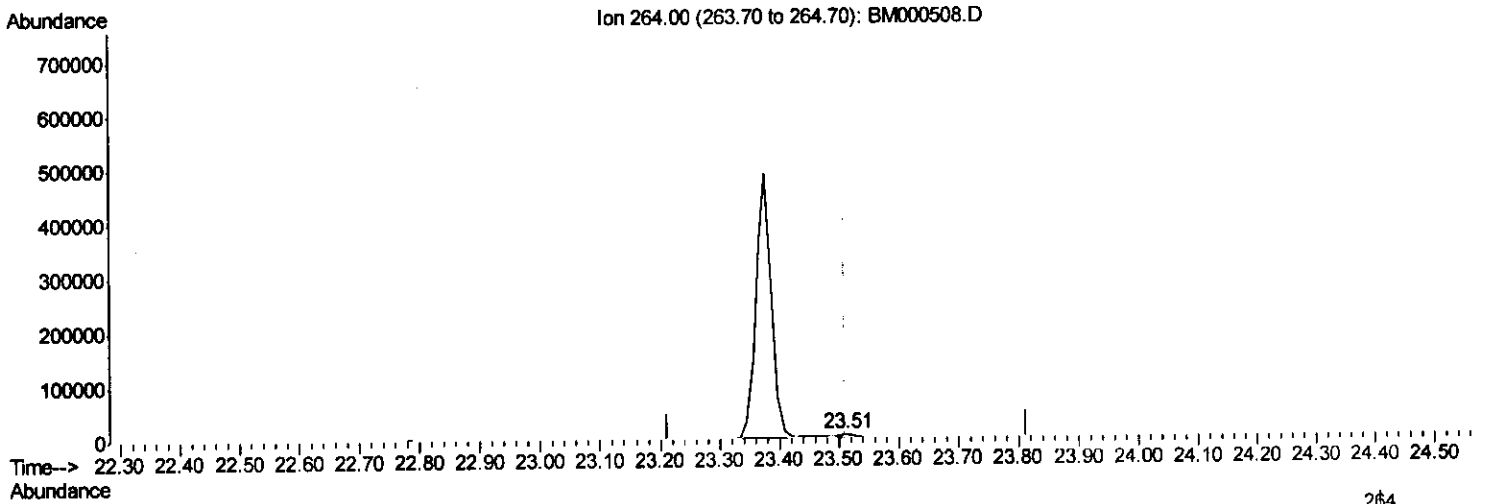
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM

Quant Time: Feb 13 10:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.512min (-0.000) 0.40ng/ul m

response 10277

Ion	Exp%	Act%
264.00	100	100
260.00	27.00	25.78
265.00	29.60	28.59
0.00	0.00	0.00

T.P.
 2/17/15

Quantitation Report (Qedit)

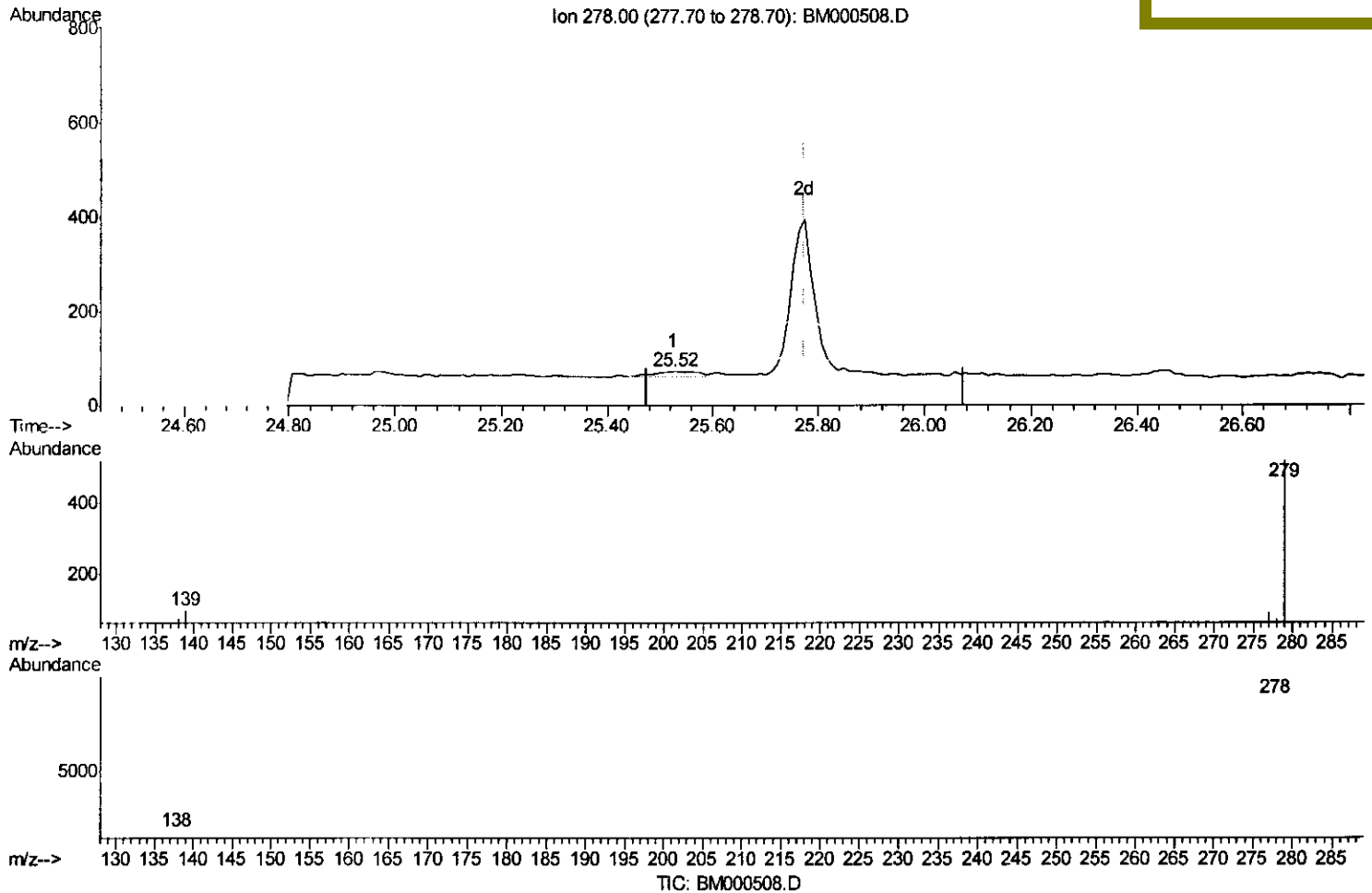
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Quant Time: Feb 13 10:35:31 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM



(25) Dibenzo(a,h)anthracene

25.524min (-0.250) 0.00ng/ul

response 71

Ion	Exp%	Act%
278.00	100	100
139.00	15.60	133.78#
279.00	27.70	698.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

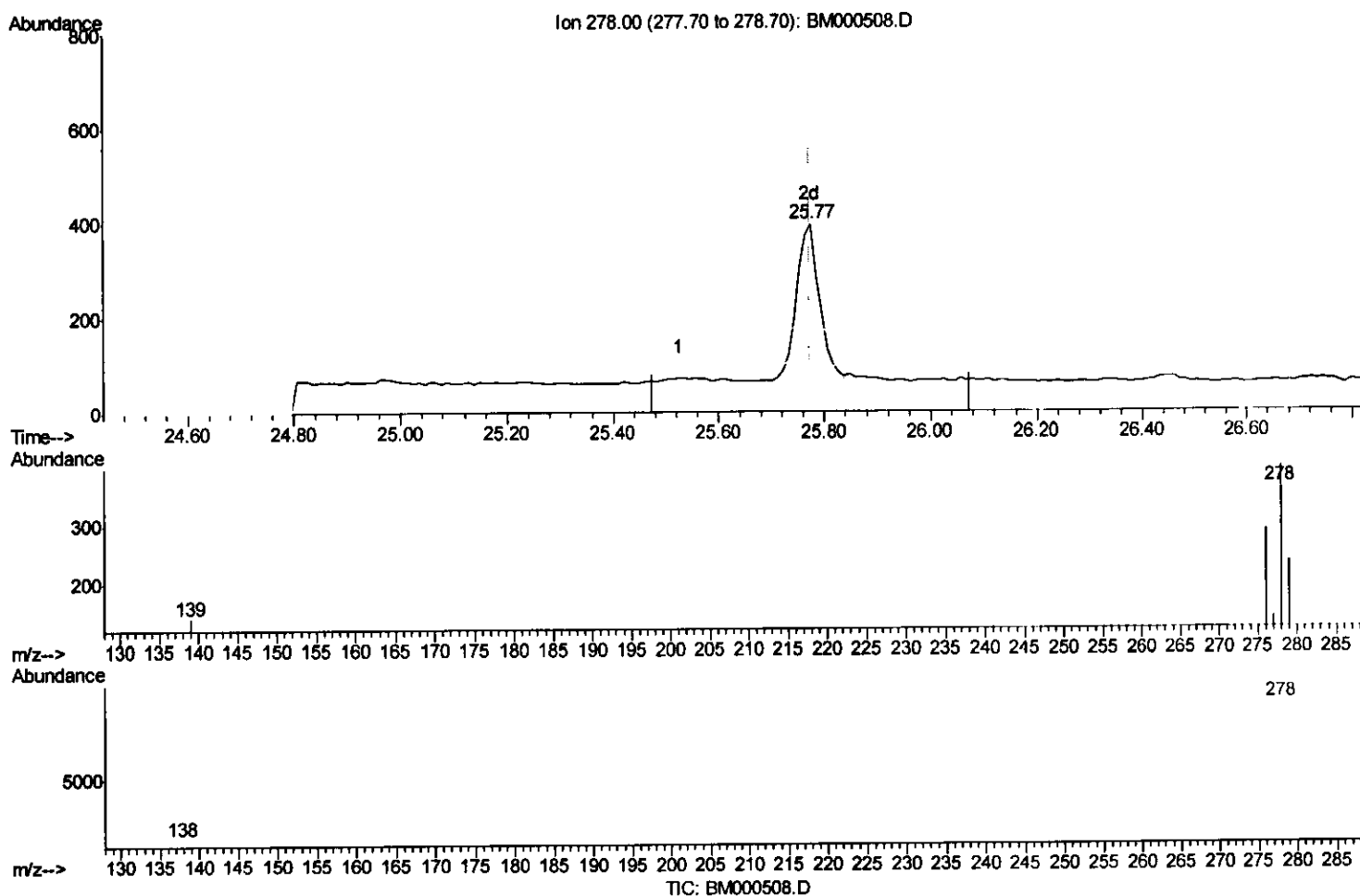
Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM

Quant Time: Feb 13 10:35:31 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.774min (-0.000) 0.04ng/ul m

response 1006

Ion Exp% Act%

278.00 100 100

139.00 15.60 35.70#

279.00 27.70 59.24#

0.00 0.00 0.00

T.P.
 2/17/15

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021215\
 Data File : BM000508.D
 Acq On : 12 Feb 2015 18:27
 Operator : TP/IZ
 Sample : G1249-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FN6

Quant Time: Feb 13 10:36:07 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:41:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3562	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	12052	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	7275	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	14903m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	12385	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	10277m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	6839	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	15045m	0.48	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Acenaphthene	14.41	153	2438	0.12	ng/ul	97
9) Fluorene	15.40	166	1173	0.05	ng/ul#	95
11) Pentachlorophenol	16.75	266	316	0.17	ng/ul	98
12) Phenanthrene	17.13	178	2742m	0.07	ng/ul	
13) Anthracene	17.23	178	3134	0.09	ng/ul#	85
15) Fluoranthene	19.15	202	19200	0.43	ng/ul	92
17) Pyrene	19.53	202	23928	0.54	ng/ul	98
18) Benzo(a)anthracene	21.27	228	2238	0.06	ng/ul#	87
19) Chrysene	21.32	228	2153	0.05	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.75	276	1290	0.04	ng/ul	97
25) Dibenzo(a,h)anthracene	25.77	278	1006m	0.04	ng/ul	
26) Benzo(g,h,i)perylene	26.44	276	1184	0.04	ng/ul#	74

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