

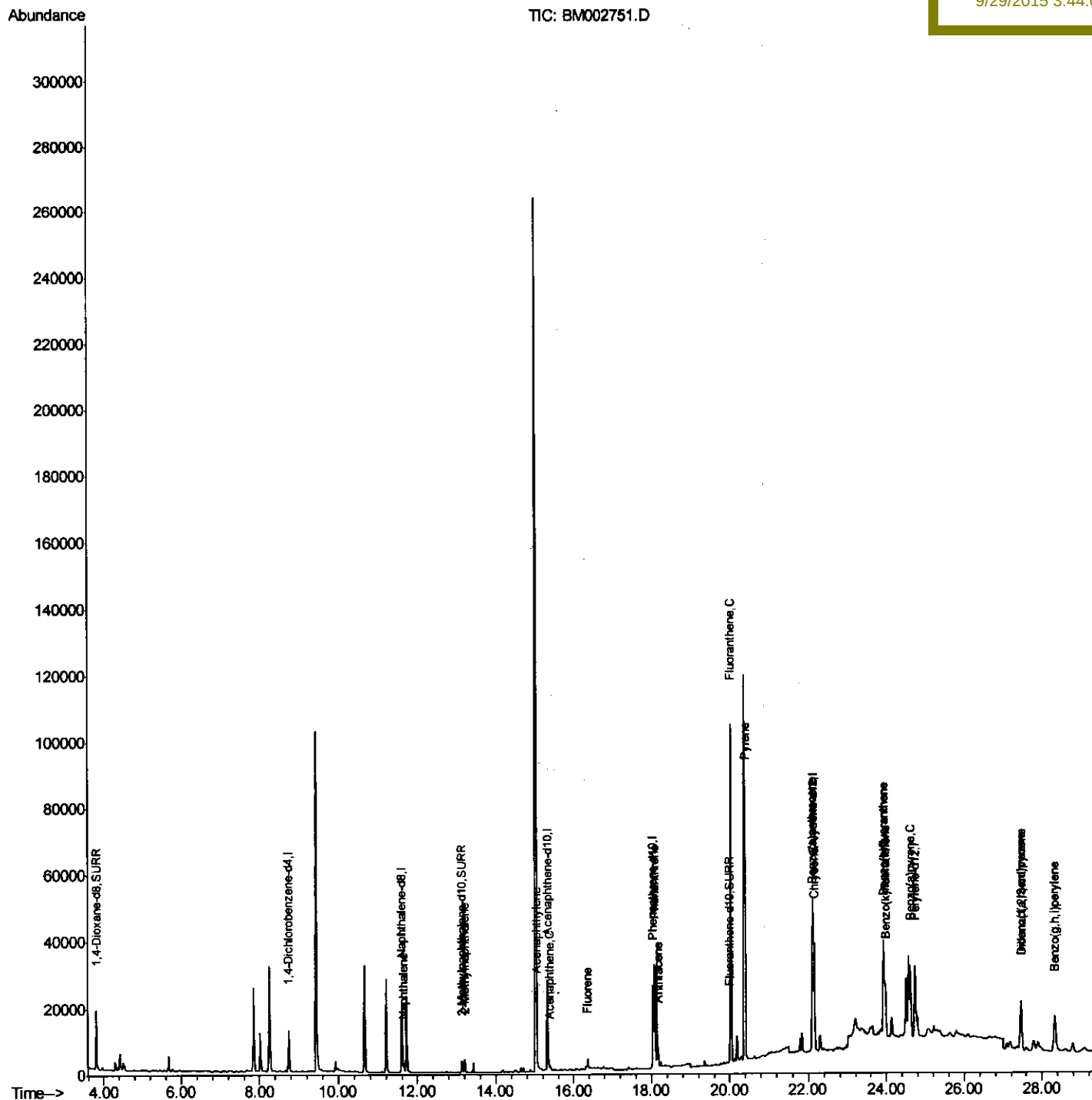
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002751.D
Acq On : 29 Sep 2015 01:46
Operator : UM/IZ
Sample : G3798-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G68

Quant Time: Sep 29 05:08:41 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

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9/29/2015 3:44:08 PM



Quantitation Report (Qedit)

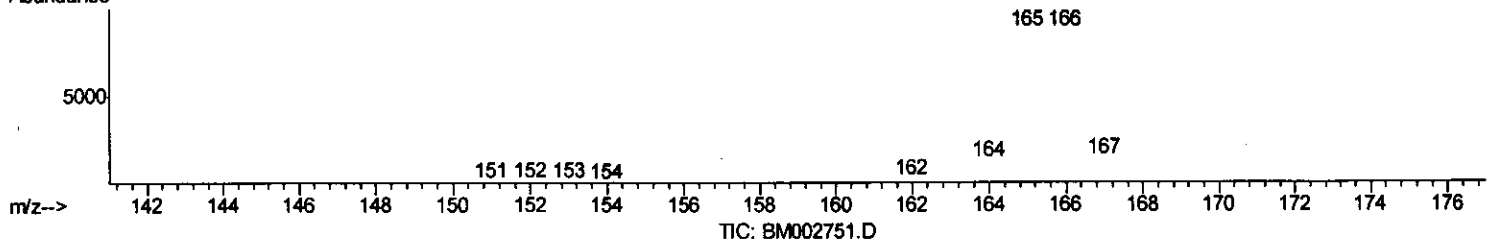
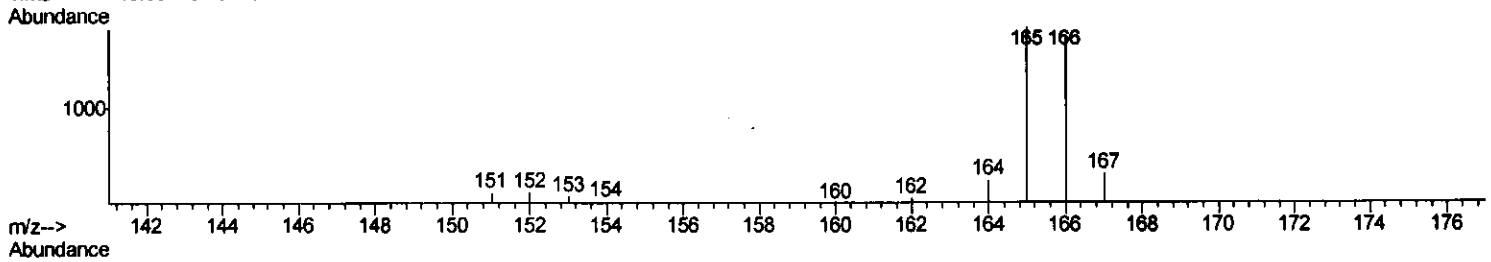
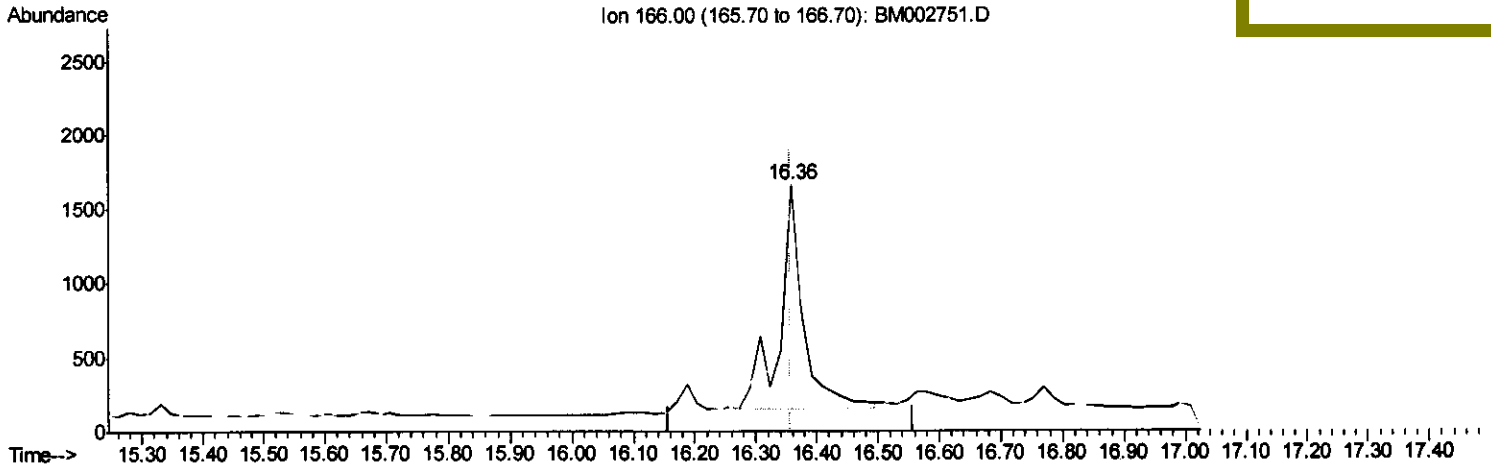
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
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(11) Fluorene

16.358min (+0.000) 0.06ng/ul

response 4195

Ion	Exp%	Act%
166.00	100	100
165.00	109.50	106.20
167.00	13.90	22.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

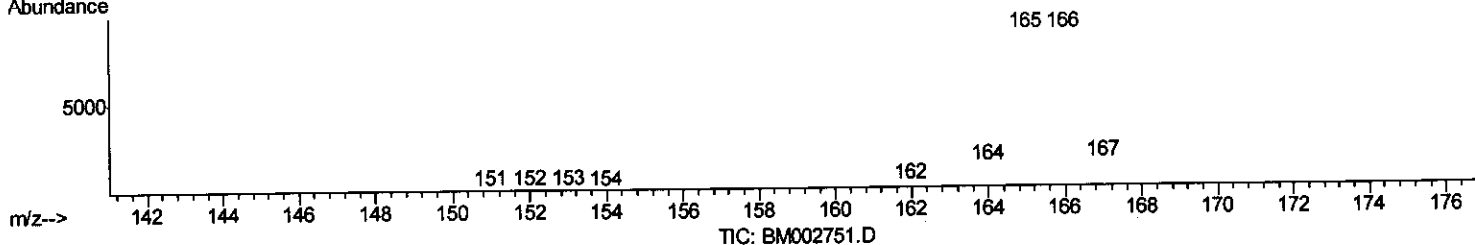
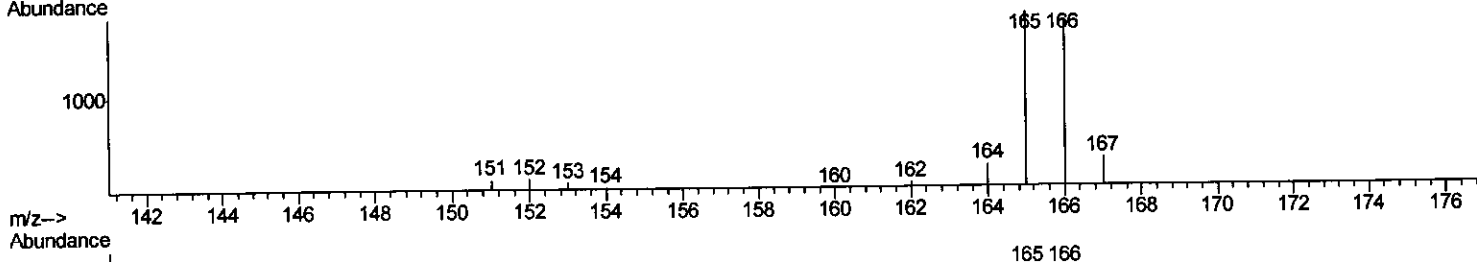
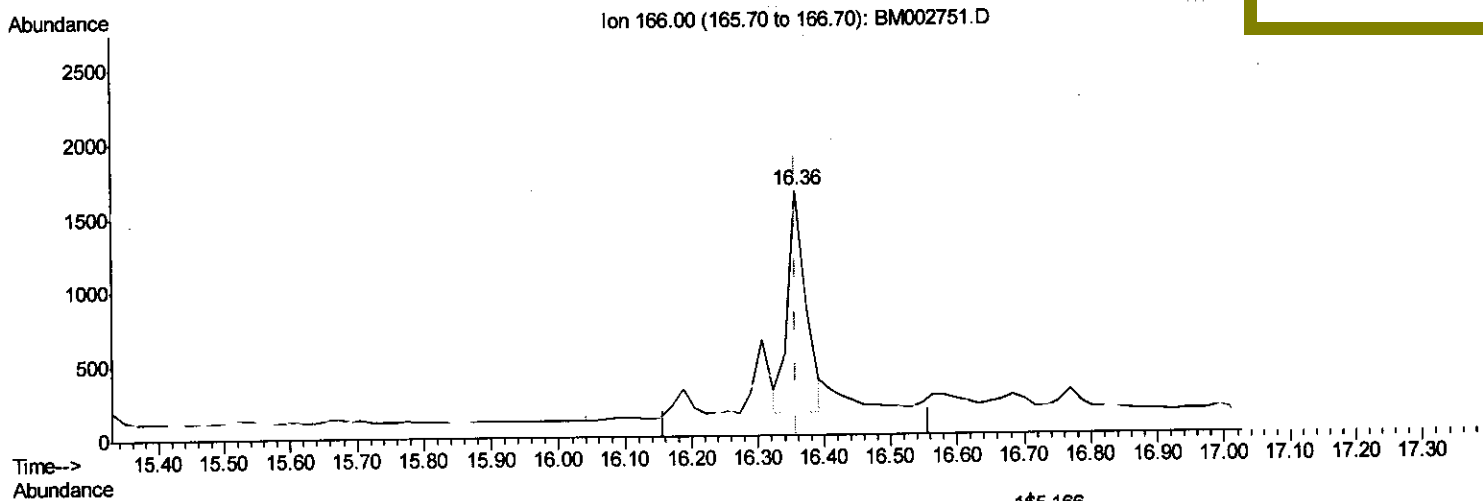
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002751.D
 Acq On : 29 Sep 2015 01:46
 Operator : UM/IZ
 Sample : G3798-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G68

Quant Time: Sep 29 04:42:22 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:44:08 PM



(11) Fluorene

16.358min (+0.000) 0.04ng/ul m

response 2866

Ion	Exp%	Act%
166.00	100	100
165.00	109.50	106.20
167.00	13.90	22.71#
0.00	0.00	0.00

U.M
 9/30/15

Quantitation Report (Qedit)

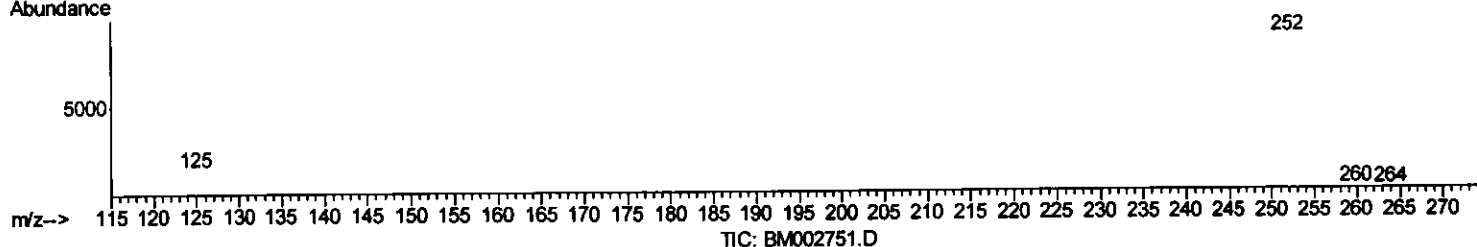
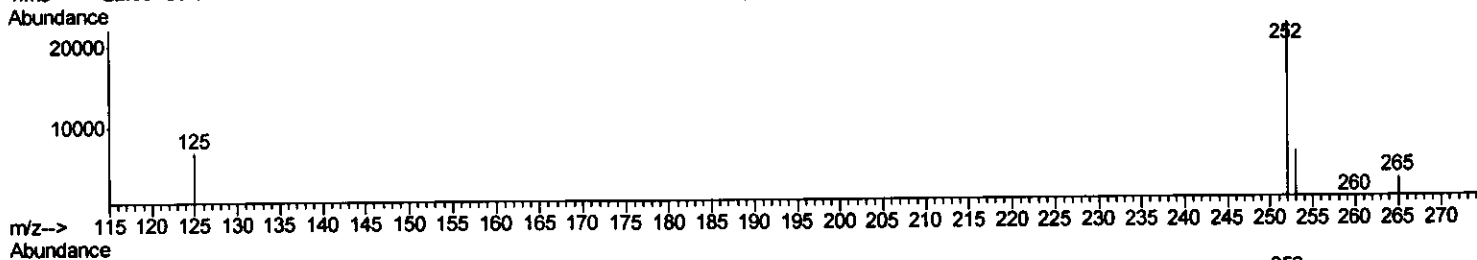
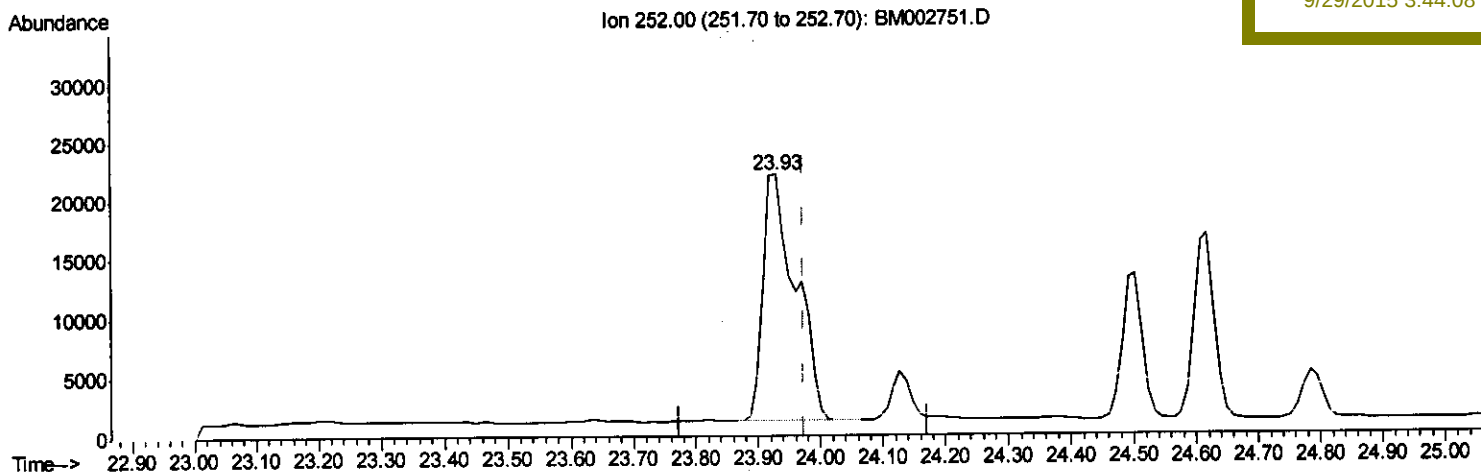
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002751.D
 Acq On : 29 Sep 2015 01:46
 Operator : UM/IZ
 Sample : G3798-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G68

Quant Time: Sep 29 05:06:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:44:08 PM



(24) Benzo(k)fluoranthene

23.929min (-0.043) 0.67ng/ul

response 75755

ion	Exp%	Act%
252.00	100	100
253.00	26.00	28.66
125.00	15.30	31.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

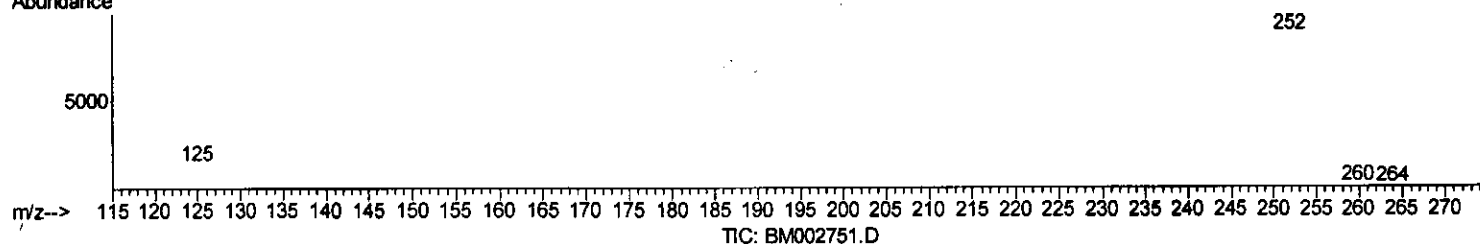
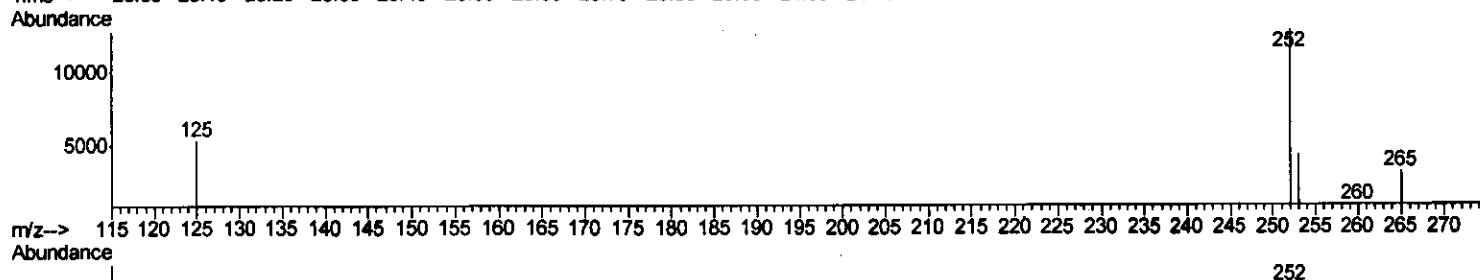
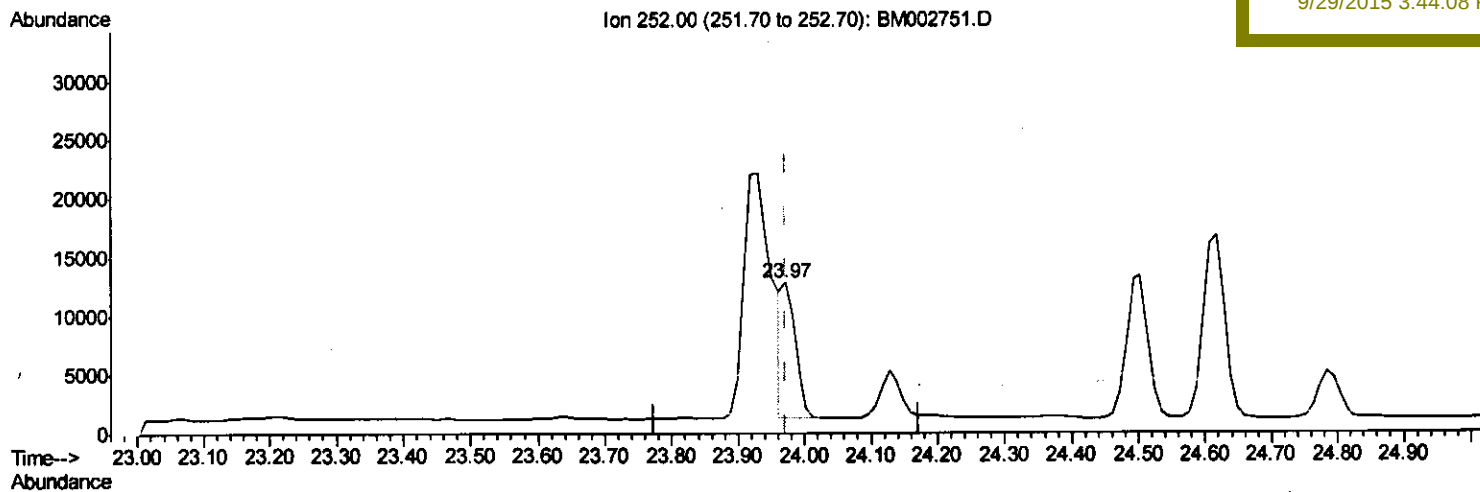
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002751.D
Acq On : 29 Sep 2015 01:46
Operator : UM/IZ
Sample : G3798-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G68

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:44:08 PM

Quant Time: Sep 29 05:06:55 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.971min (-0.002) 0.14ng/ul m U.M

response 15637

Ion Exp% Act%

252.00 100 100

253.00 26.00 32.98#

125.00 15.30 41.33#

0.00 0.00 0.00

Quantitation Report (Qedit)

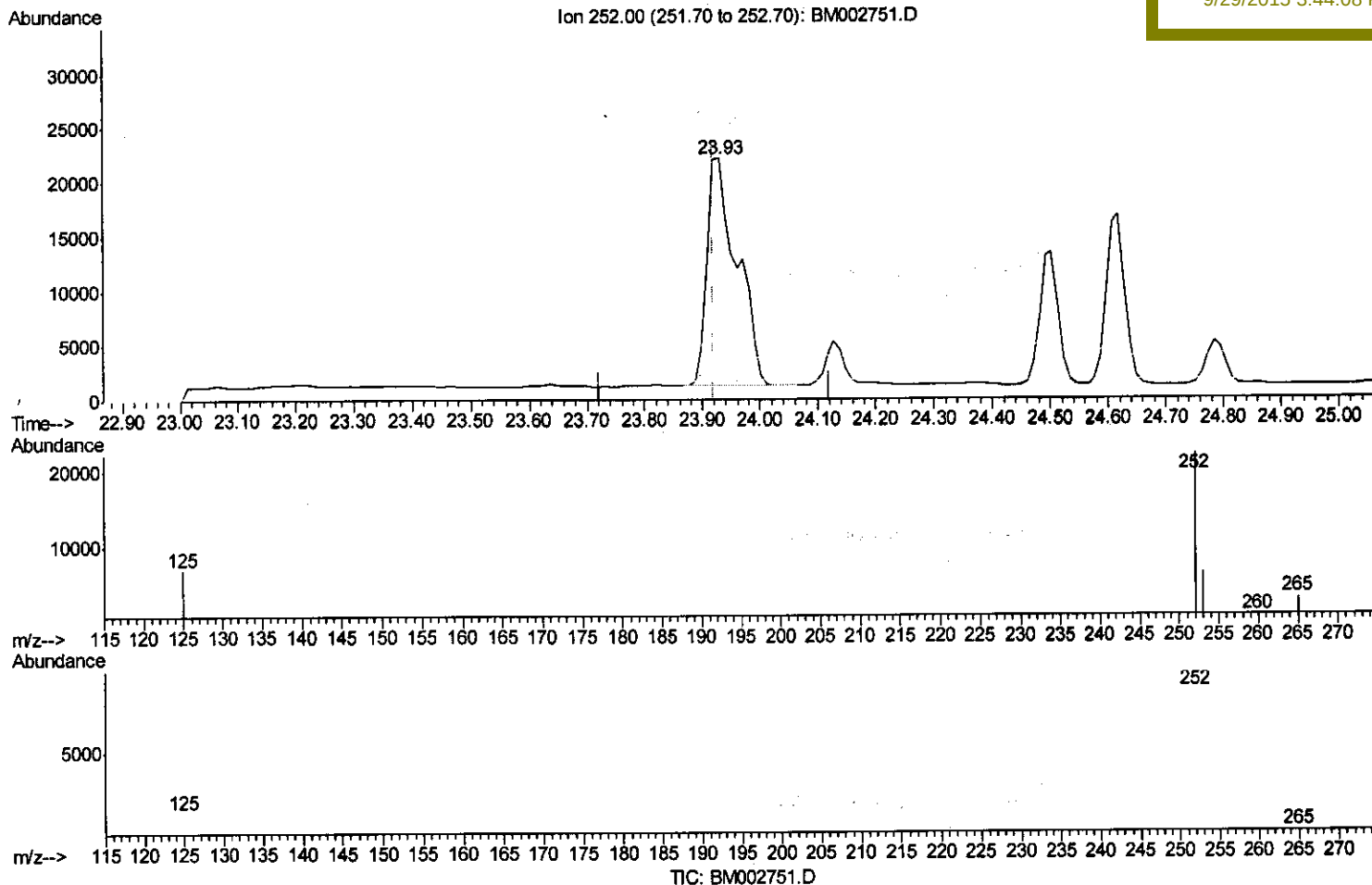
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002751.D
 Acq On : 29 Sep 2015 01:46
 Operator : UM/IZ
 Sample : G3798-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G68

Quant Time: Sep 29 05:06:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:44:08 PM



(23) Benzo(b)fluoranthene

23.929min (+0.009) 0.62ng/ul

response 75755

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	28.66
125.00	18.30	31.33
0.00	0.00	0.00

Quantitation Report (Qedit)

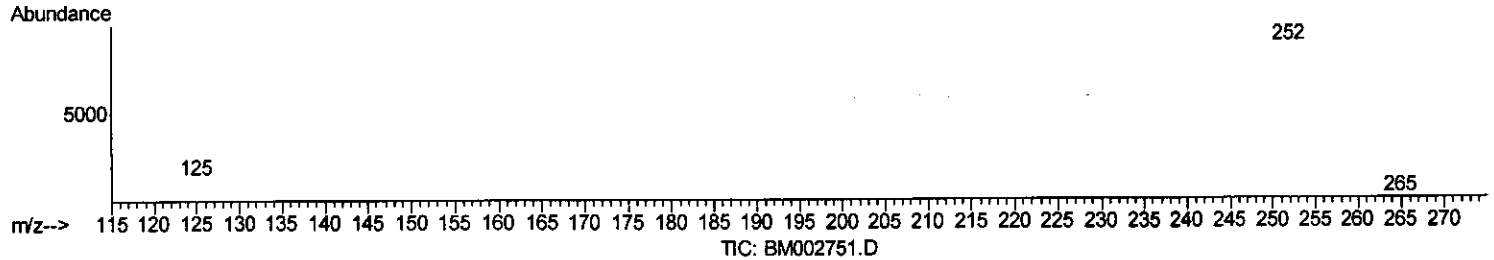
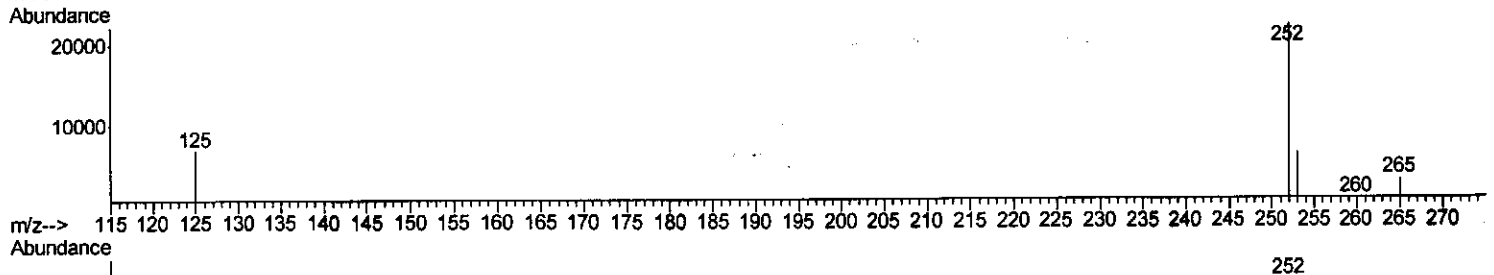
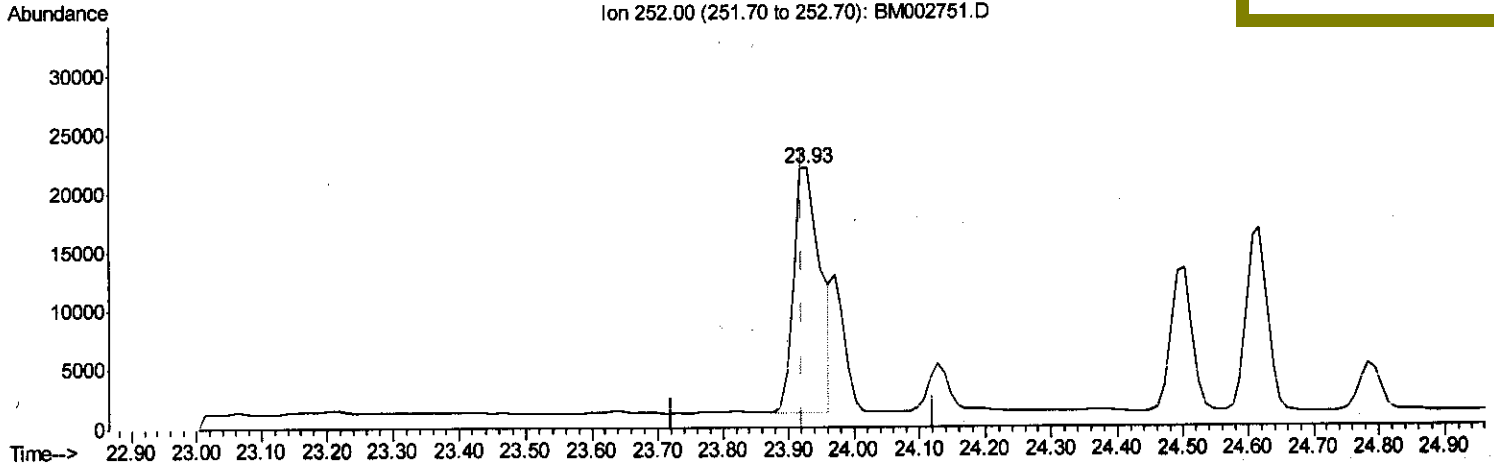
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002751.D
 Acq On : 29 Sep 2015 01:46
 Operator : UM/IZ
 Sample : G3798-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G68

Quant Time: Sep 29 05:06:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:44:08 PM



(23) Benzo(b)fluoranthene

23.929min (+0.009) 0.49ng/ul m

response 60504

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	28.66
125.00	18.30	31.33
0.00	0.00	0.00

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 09/29/15

Quantitation Report (Qedit)

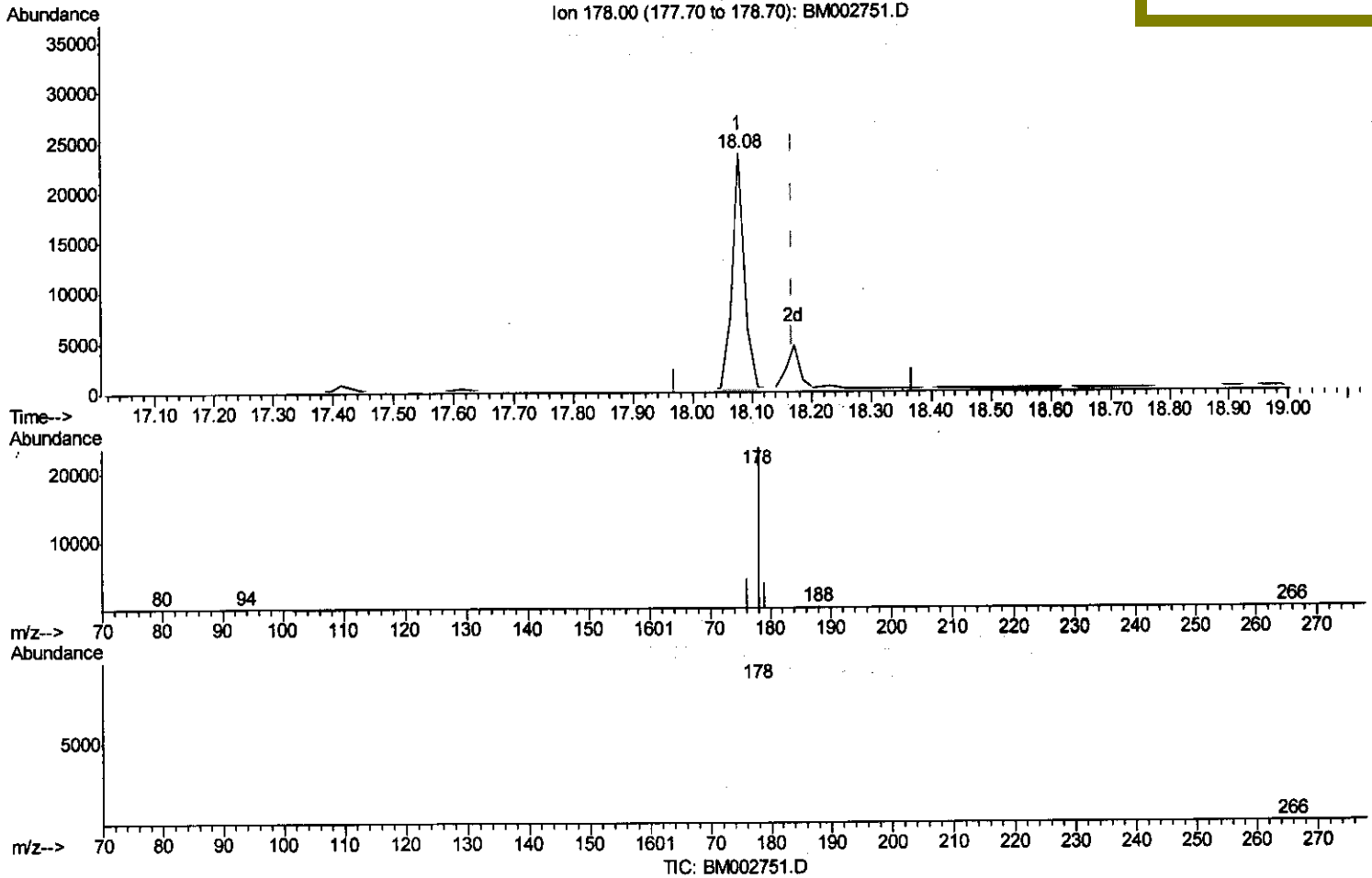
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002751.D
 Acq On : 29 Sep 2015 01:46
 Operator : UM/IZ
 Sample : G3798-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G68

Quant Time: Sep 29 04:42:22 2015
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Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:44:08 PM



(15) Anthracene

18.078min (-0.091) 0.32ng/ul

response 34678

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	18.79
179.00	16.60	16.25
0.00	0.00	0.00

Quantitation Report (Qedit)

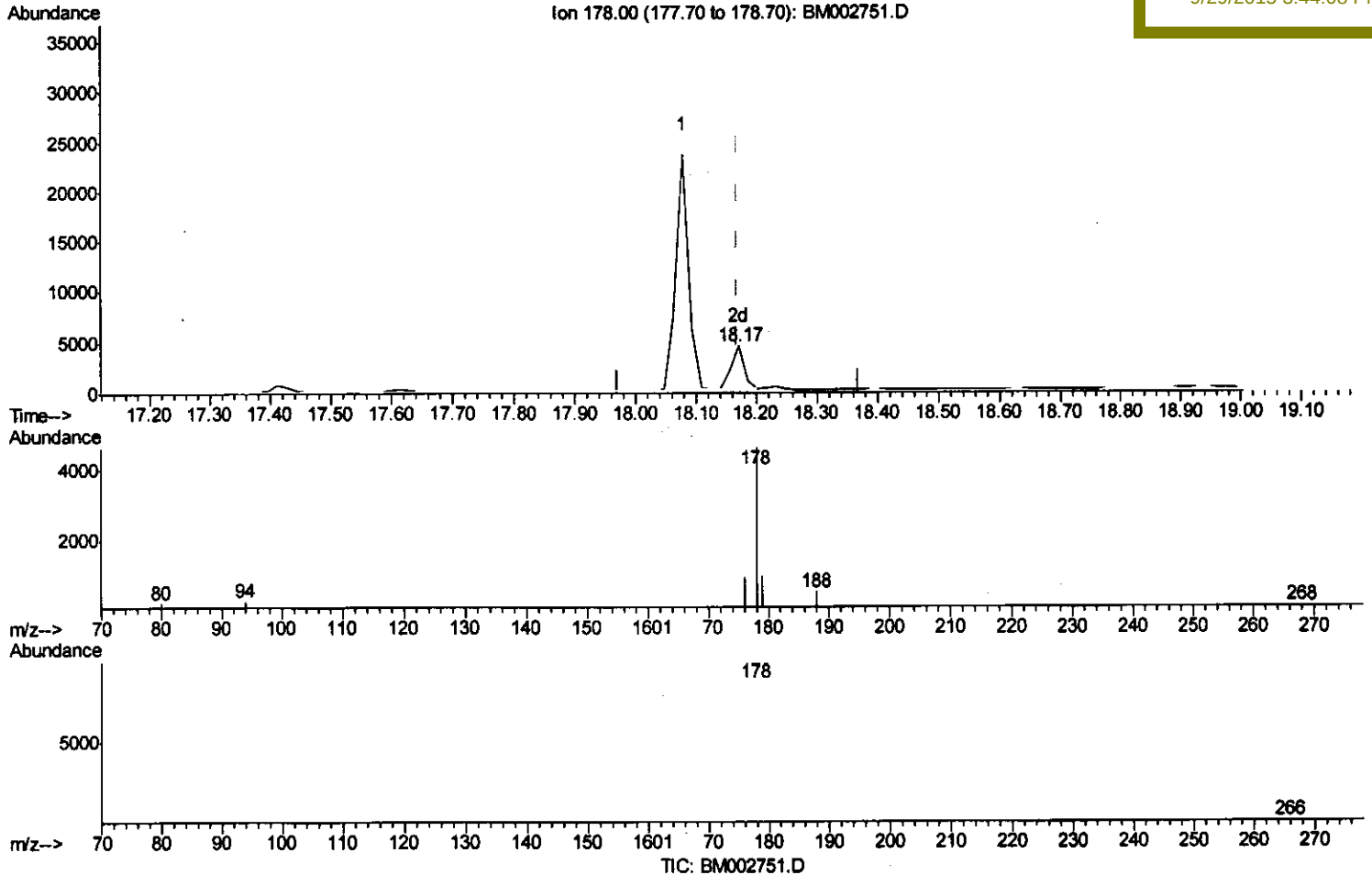
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002751.D
 Acq On : 29 Sep 2015 01:46
 Operator : UM/IZ
 Sample : G3798-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G68

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Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:44:08 PM



(15) Anthracene

18.171min (+0.002) 0.07ng/ul m

response 7112

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	20.63
179.00	16.60	21.68#
0.00	0.00	0.00

> 0.1M
 09/20/15

Quantitation Report (Qedit)

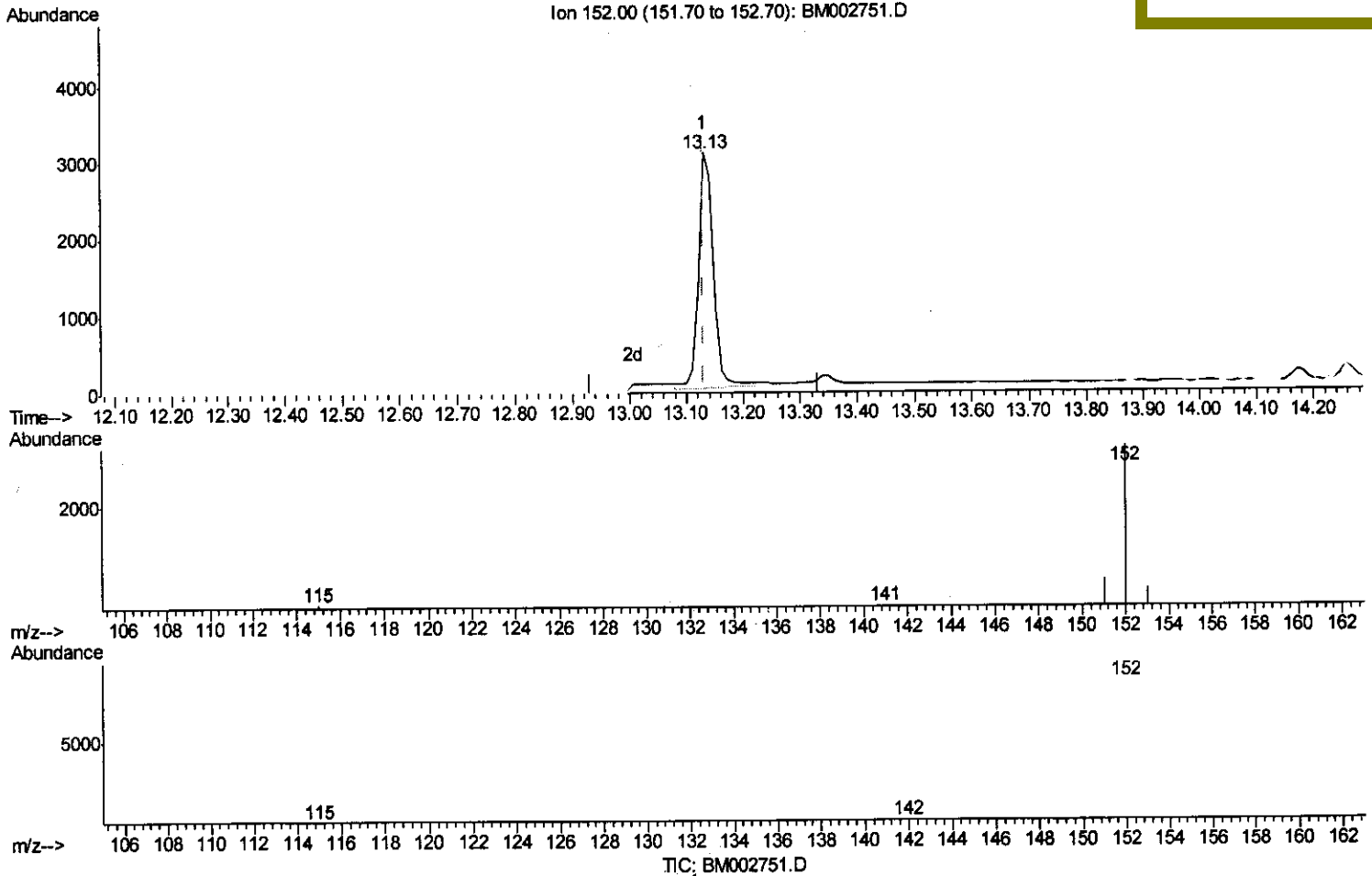
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002751.D
 Acq On : 29 Sep 2015 01:46
 Operator : UM/IZ
 Sample : G3798-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Sep 29 04:42:22 2015
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Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:44:08 PM



(6) 2-Methylnaphthalene-d10 (SURR)

13.131min (+0.000) 0.13ng/ul

response 5759

Ion	Exp%	Act%
152.00	100	100
151.00	18.90	24.48#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

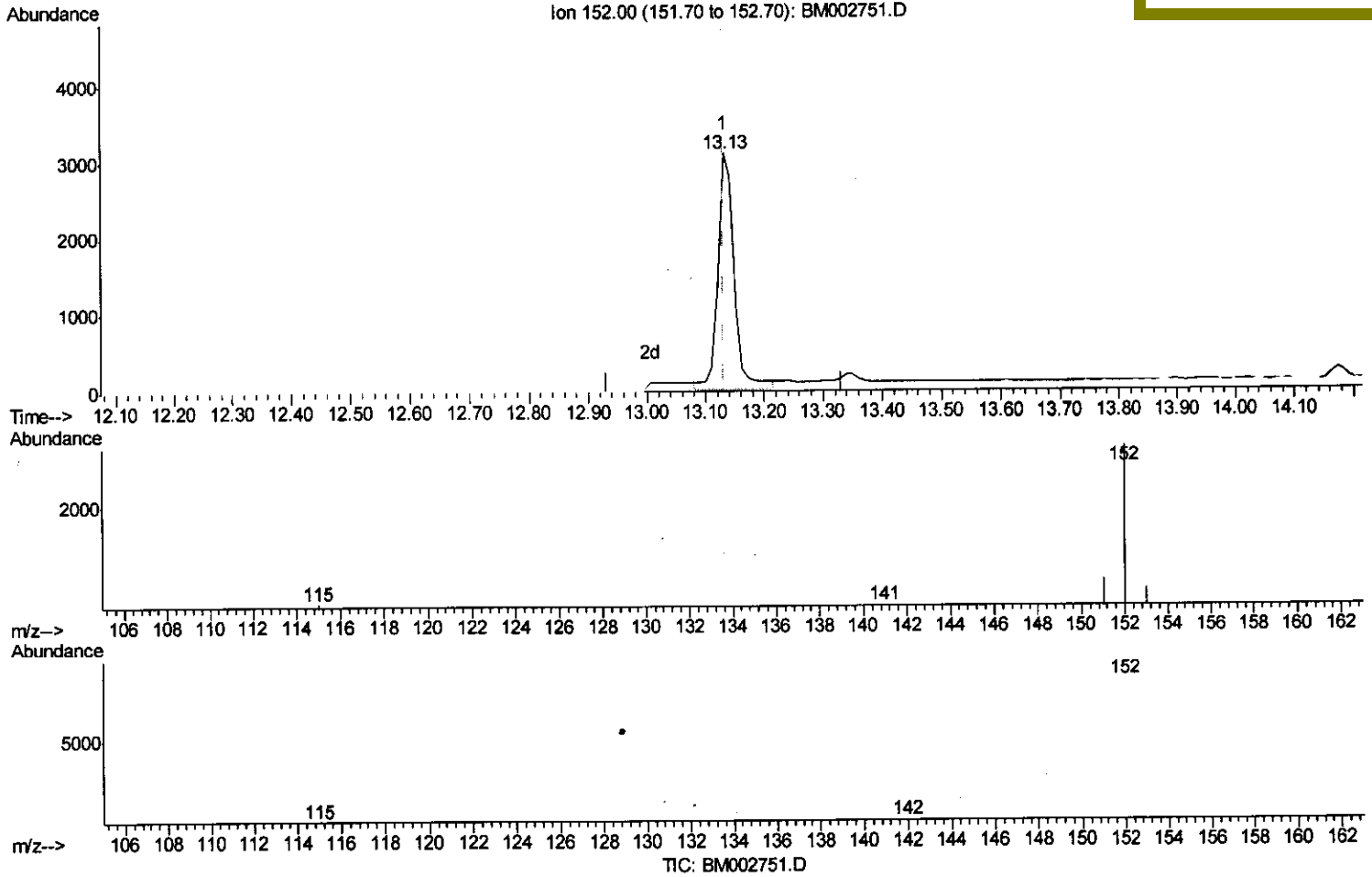
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002751.D
 Acq On : 29 Sep 2015 01:46
 Operator : UM/IZ
 Sample : G3798-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G68

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Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:44:08 PM



(6) 2-Methylnaphthalene-d10 (SURR)

13.131min (+0.000) 0.13ng/ul m

response 5873

Ion	Exp%	Act%
152.00	100	100
151.00	18.90	24.01#
0.00	0.00	0.00
0.00	0.00	0.00

> U.M
 09/30/15

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002751.D
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 9/29/2015 3:44:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	8072	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	31442	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	16482	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	35581	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	35914	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	33944	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.80	96	16402	1.97	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	5873m	0.13	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	8912	0.10	ng/ul	0.00

Target Compounds

						Ovalue
5) Naphthalene	11.65	128	3850	0.05	ng/ul#	93
7) 2-Methylnaphthalene	13.20	142	3403	0.06	ng/ul	99
9) Acenaphthylene	15.06	152	11291	0.13	ng/ul	97
10) Acenaphthene	15.38	153	1855	0.03	ng/ul#	92
11) Fluorene	16.36	166	2866m	0.04	ng/ul	
14) Phenanthrene	18.08	178	35011	0.30	ng/ul	98
15) Anthracene	18.17	178	7112m	0.07	ng/ul	
17) Fluoranthene	20.03	202	94136	0.75	ng/ul	99
19) Pyrene	20.40	202	77883	0.56	ng/ul	94
20) Benzo(a)anthracene	22.11	228	34024	0.28	ng/ul#	93
21) Chrysene	22.16	228	38345	0.33	ng/ul#	89
23) Benzo(b)fluoranthene	23.93	252	60504m	0.49	ng/ul	
24) Benzo(k)fluoranthene	23.97	252	15637m	0.14	ng/ul	
25) Benzo(a)pyrene	24.62	252	35054	0.31	ng/ul#	81
26) Indeno(1,2,3-cd)pyrene	27.47	276	28638	0.23	ng/ul	94
27) Dibenzo(a,h)anthracene	27.47	278	6549	0.06	ng/ul#	17
28) Benzo(a,h,i)perylene	28.33	276	26581	0.25	ng/ul#	82

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