

Quantitation Report (QT Reviewed)

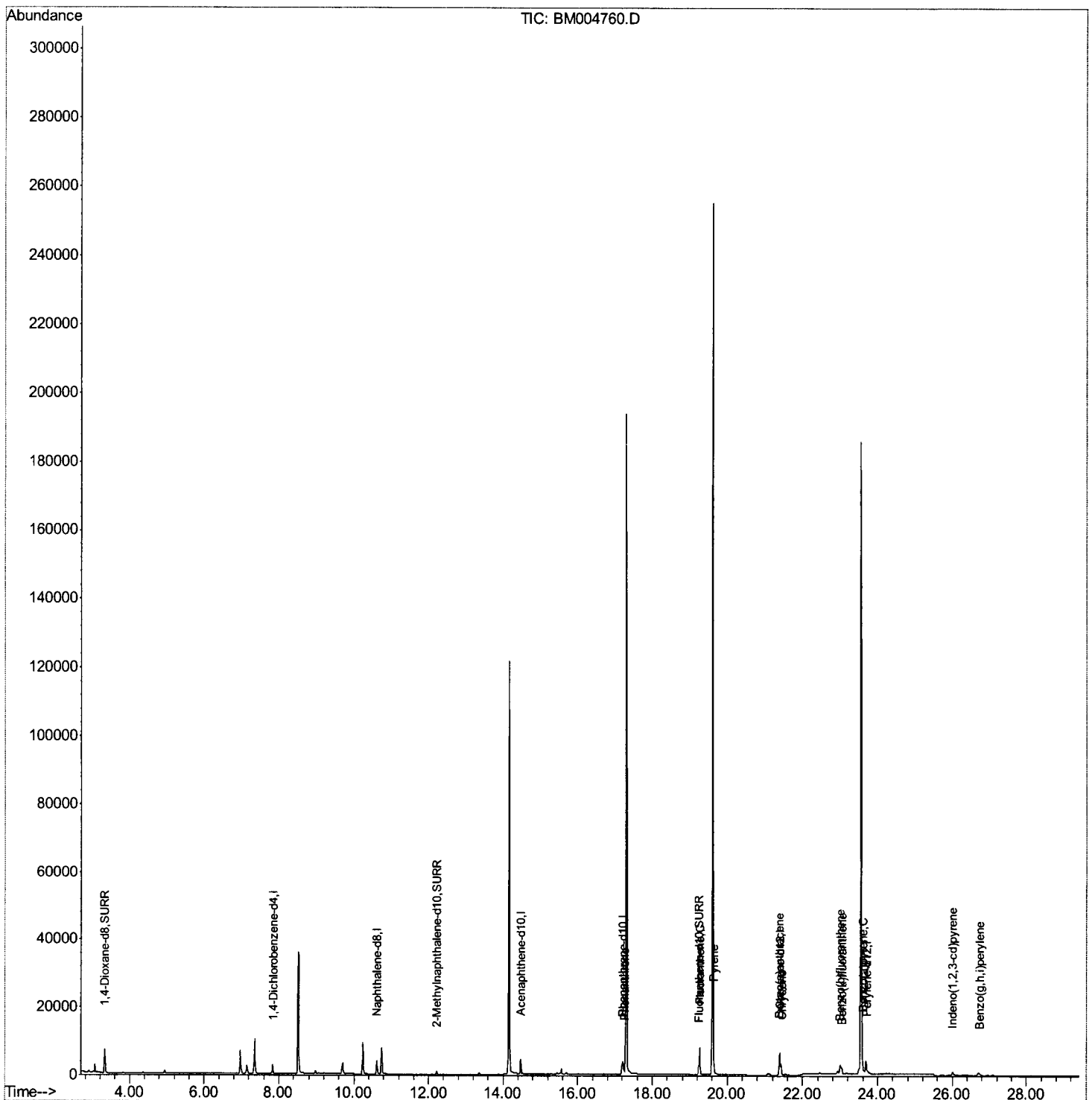
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004760.D
 Acq On : 24 Mar 2016 21:25
 Operator : UM/SJ
 Sample : H1909-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T42

Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:59:44 PM

Quant Time: Mar 25 03:38:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration



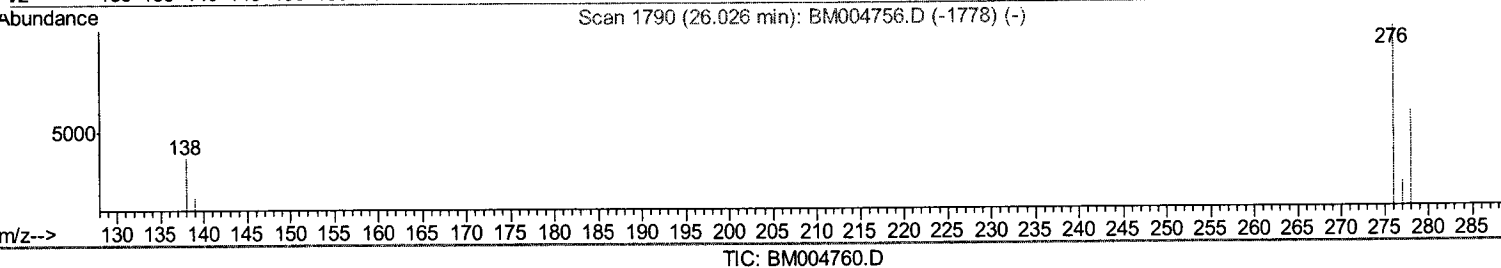
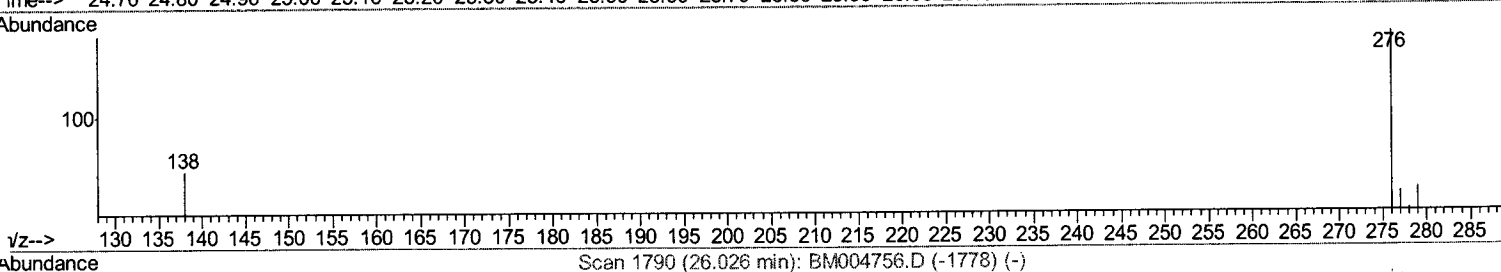
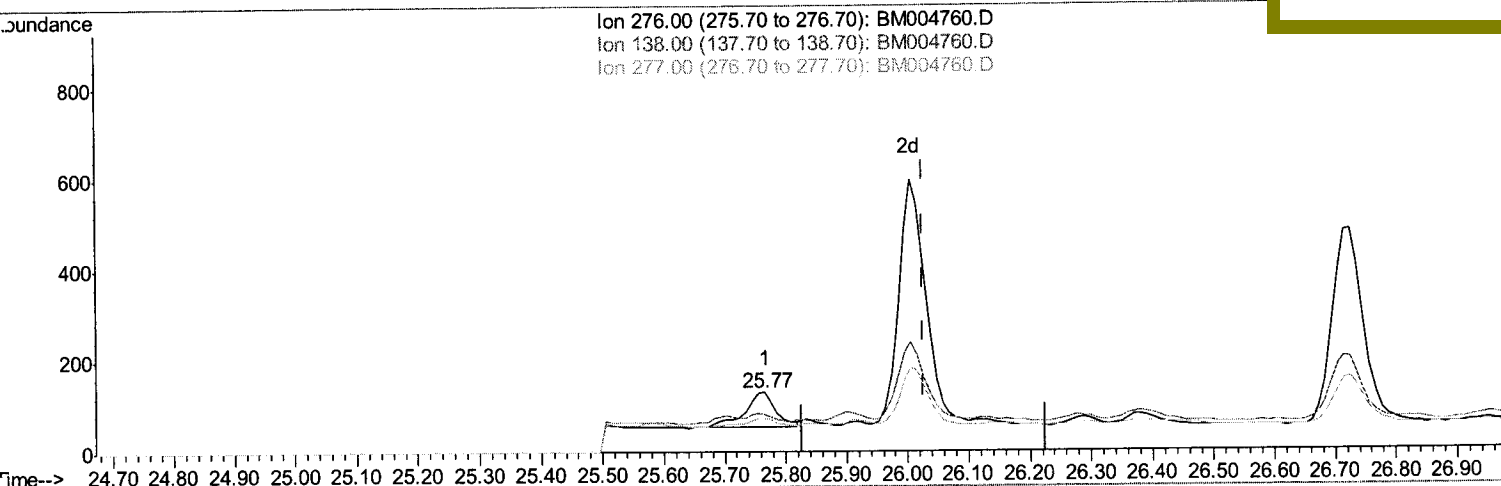
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004760.D
Acq On : 24 Mar 2016 21:25
Operator : UM/SJ
Sample : H1909-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
A4T42

Manual Integrations
APPROVED

Sohil
3/25/2016 2:59:44 PM

Quant Time: Mar 25 03:35:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
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(26) Indeno(1,2,3-cd)pyrene

25.766min (-0.261) 0.02ng/ul

response 260

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	16.54
277.00	24.80	25.00
0.00	0.00	0.00

Quantitation Report (Qedit)

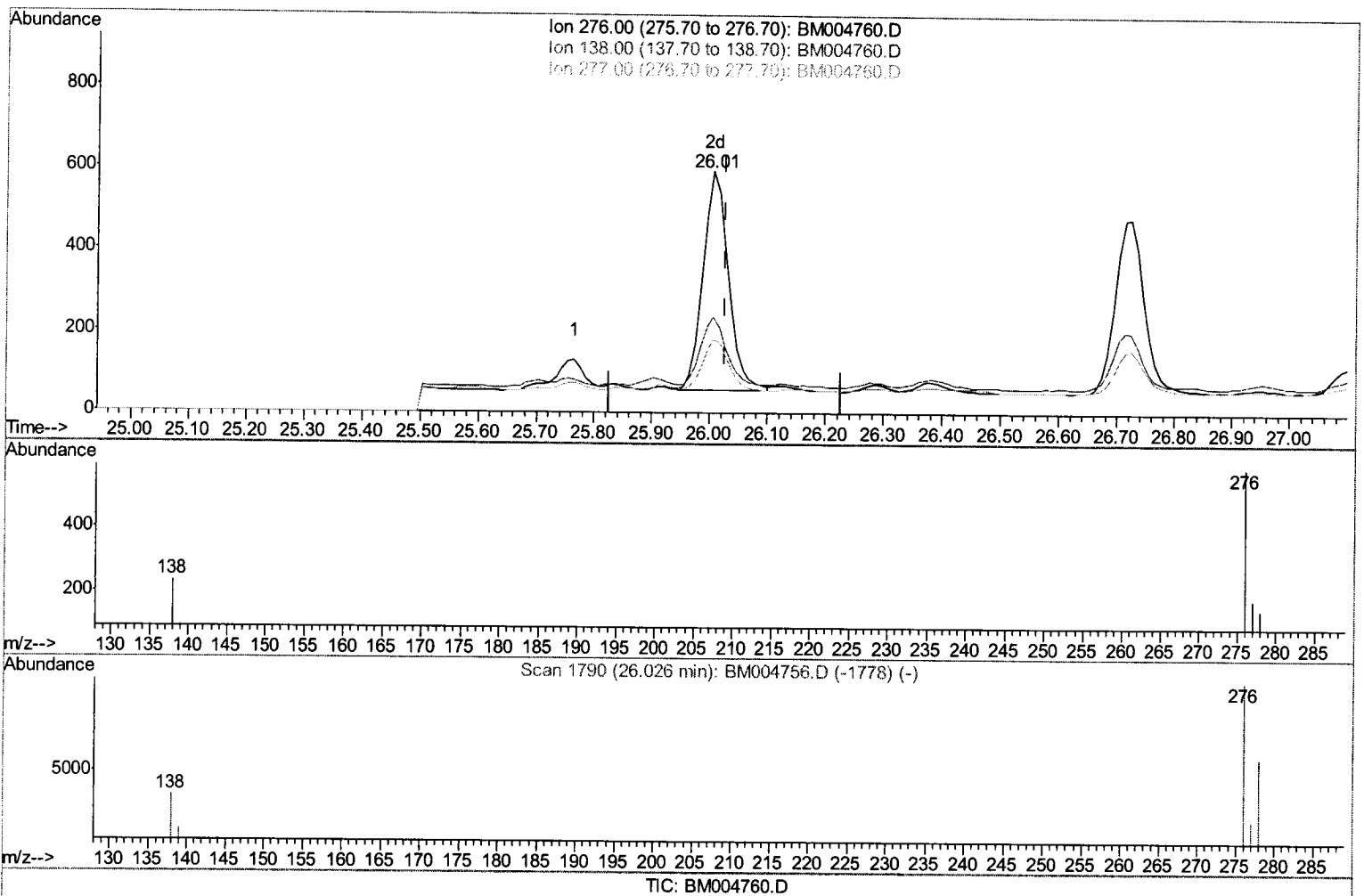
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
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(26) Indeno(1,2,3-cd)pyrene

26.005min (-0.021) 0.11ng/ul m U M

response 1636

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	2.63#
277.00	24.80	3.97#
0.00	0.00	0.00

04/05/16

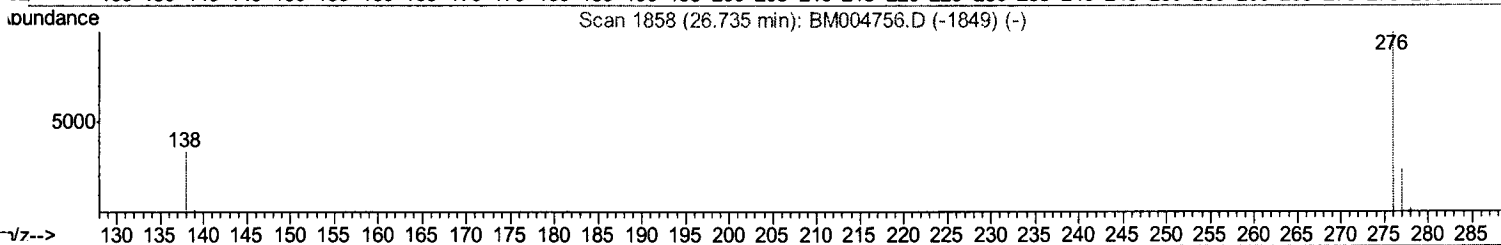
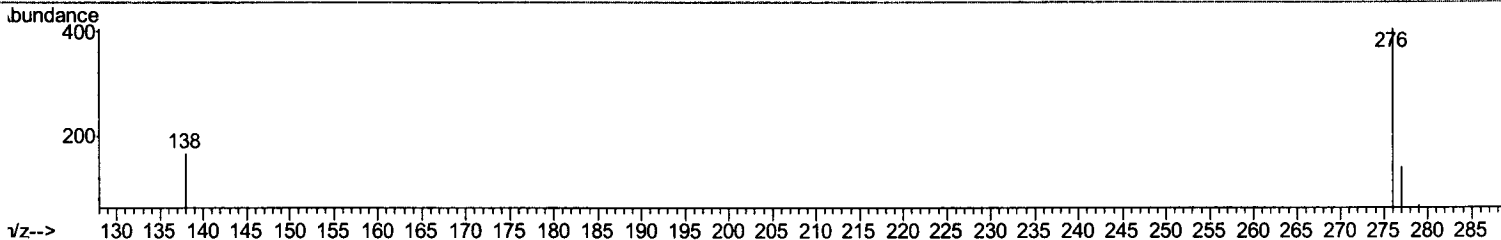
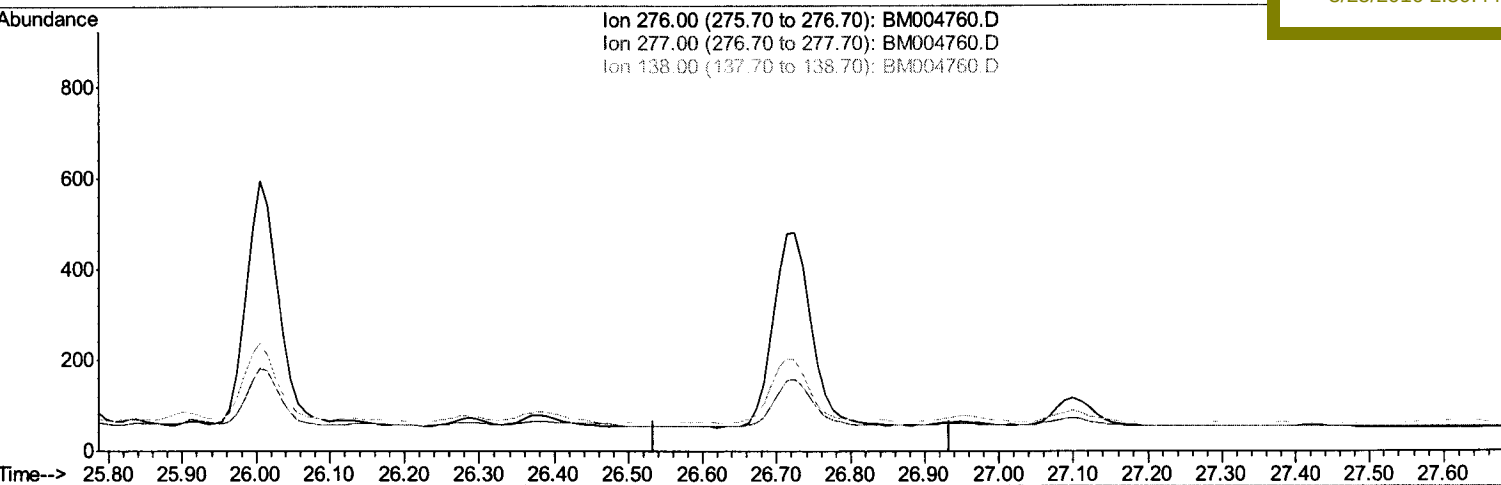
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004760.D
Acq On : 24 Mar 2016 21:25
Operator : UM/SJ
Sample : H1909-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM004760.D

(28) Benzo(g,h,i)perylene

26.735min (-26.735) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
277.00	23.60	0.00#
138.00	28.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

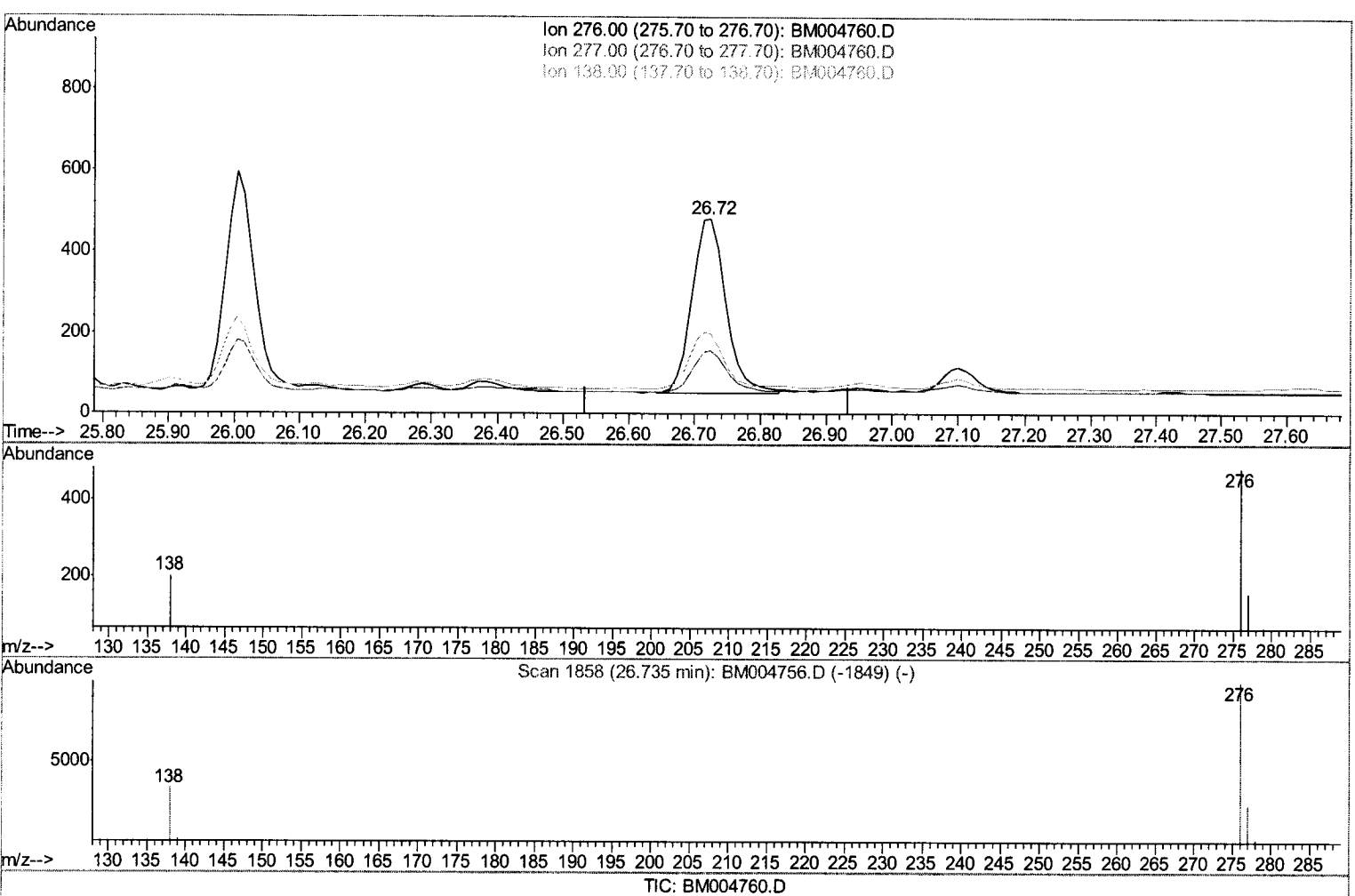
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(28) Benzo(g,h,i)perylene

26.725min (-0.010) 0.11ng/ul m U.M
 response 1536 04/05/16

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	32.57#
138.00	28.10	41.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

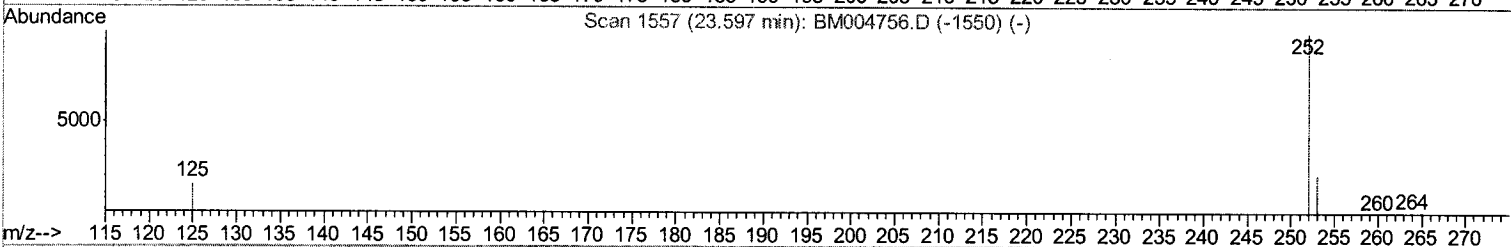
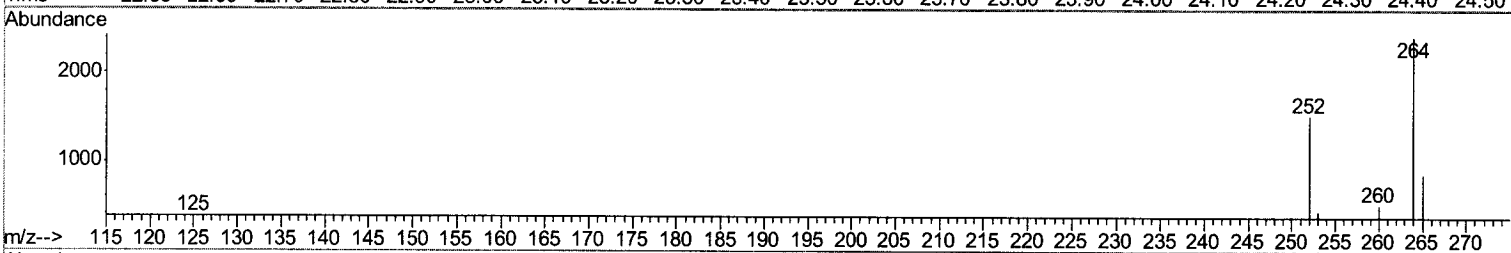
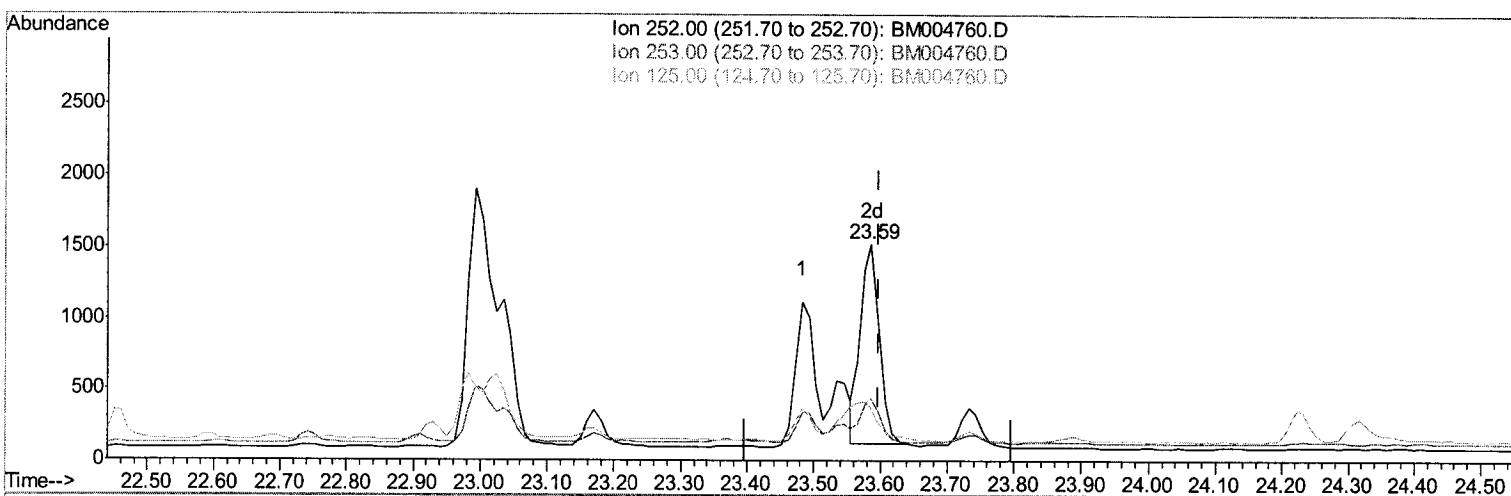
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TIC: BM004760.D

(25) Benzo(a)pyrene (C)

23.587min (-0.010) 0.21ng/ul m U.M

response 2769

04/05/16

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	28.98
125.00	15.90	24.59#
0.00	0.00	0.00

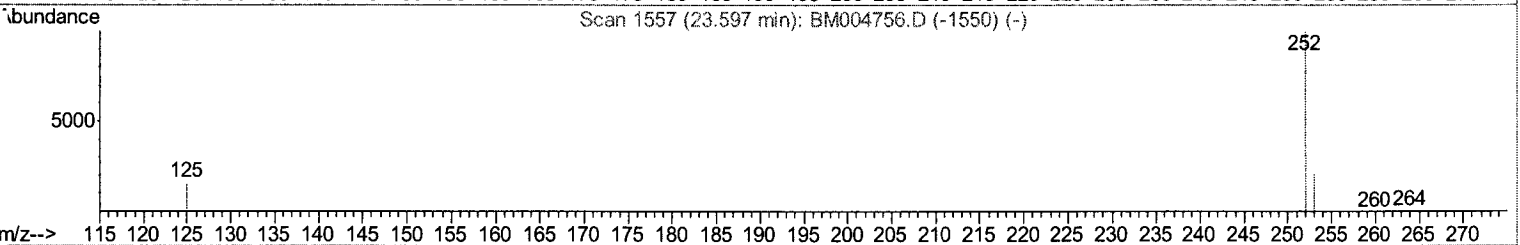
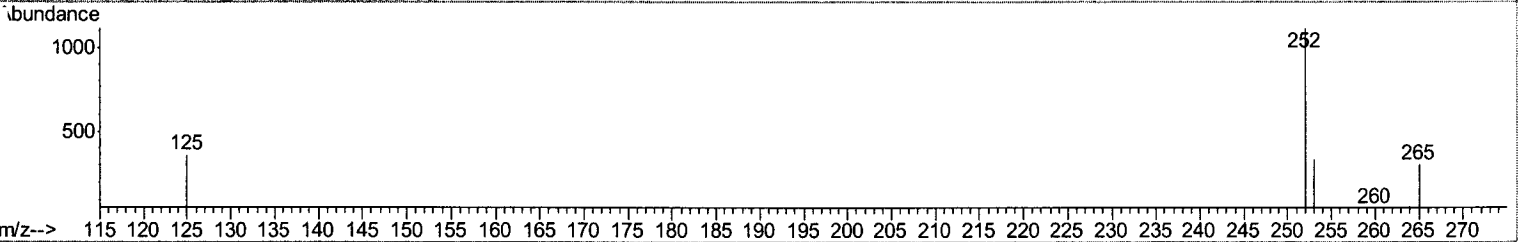
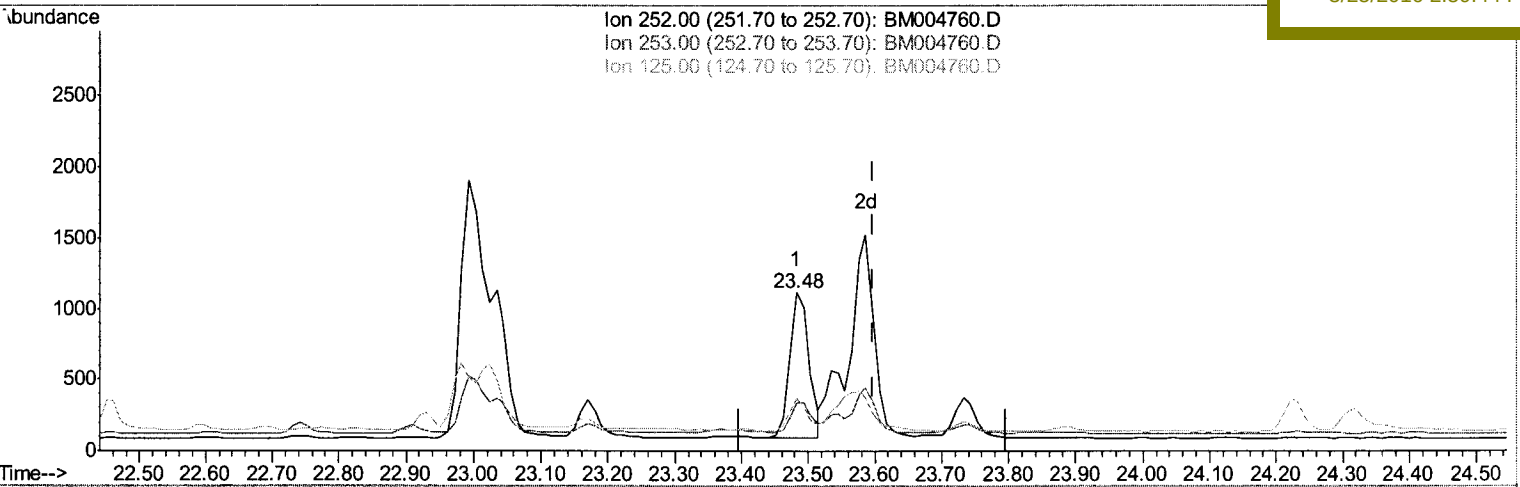
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Sample : H1909-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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Manual Integrations
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Sohil
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TIC: BM004760.D

(25) Benzo(a)pyrene (C)

23.483min (-0.115) 0.15ng/ul

response 2045

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	30.11#
125.00	15.90	32.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

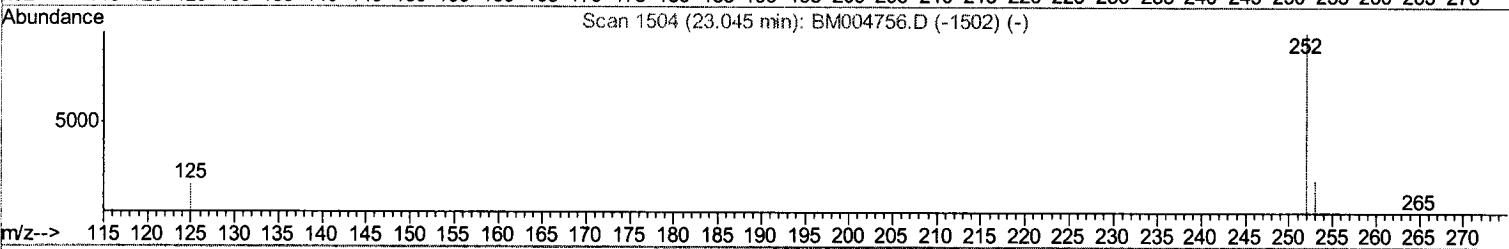
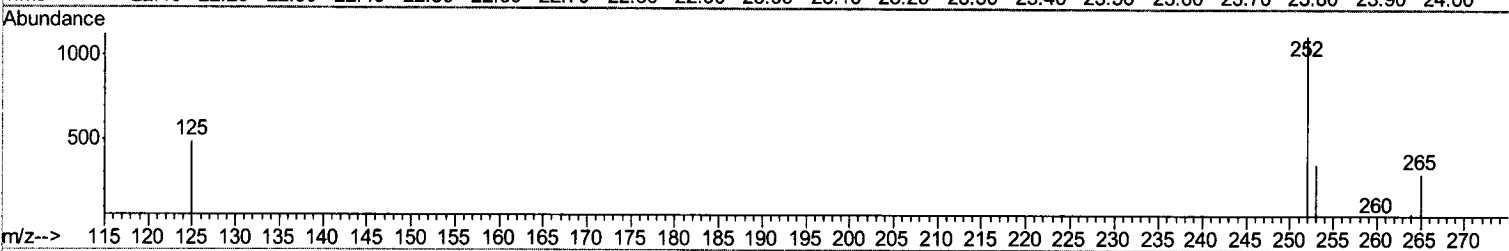
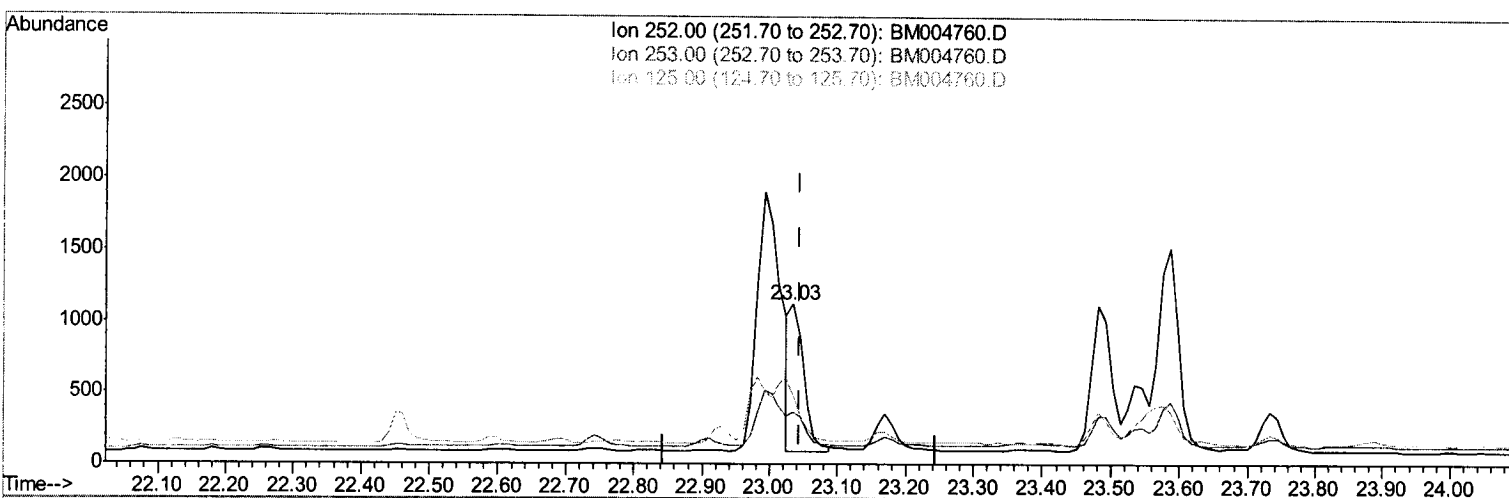
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 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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TIC: BM004760.D

(24) Benzo(k)fluoranthene

23.034min (-0.010) 0.09ng/ul m

response 1454

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	32.03#
125.00	13.00	43.33#
0.00	0.00	0.00

U.M
 04/05/16

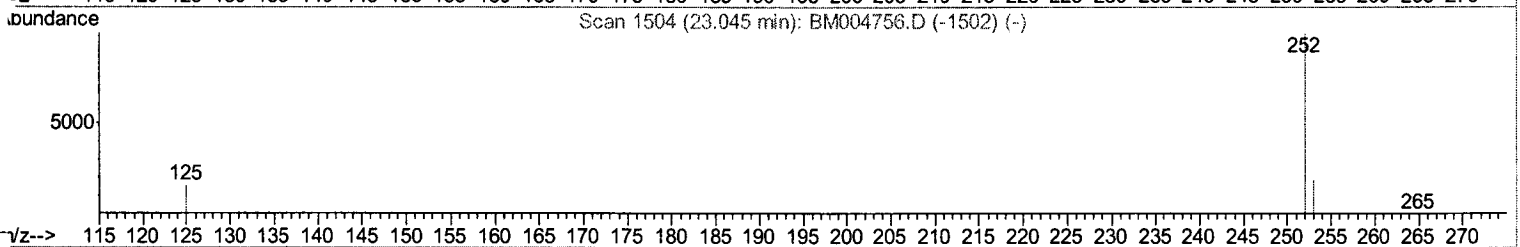
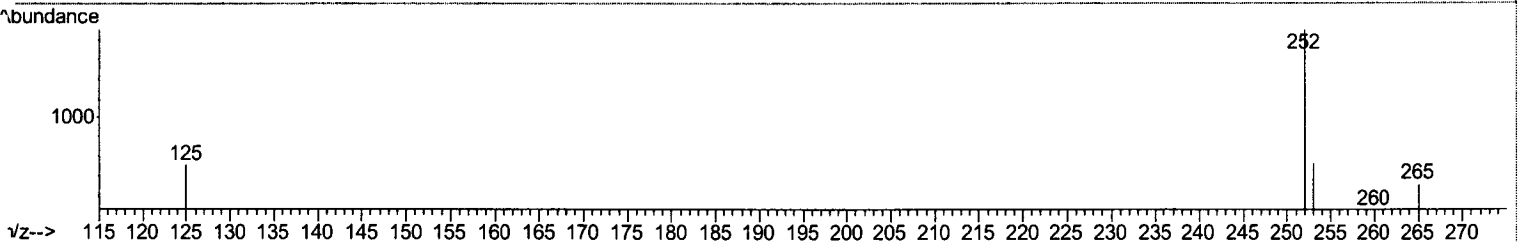
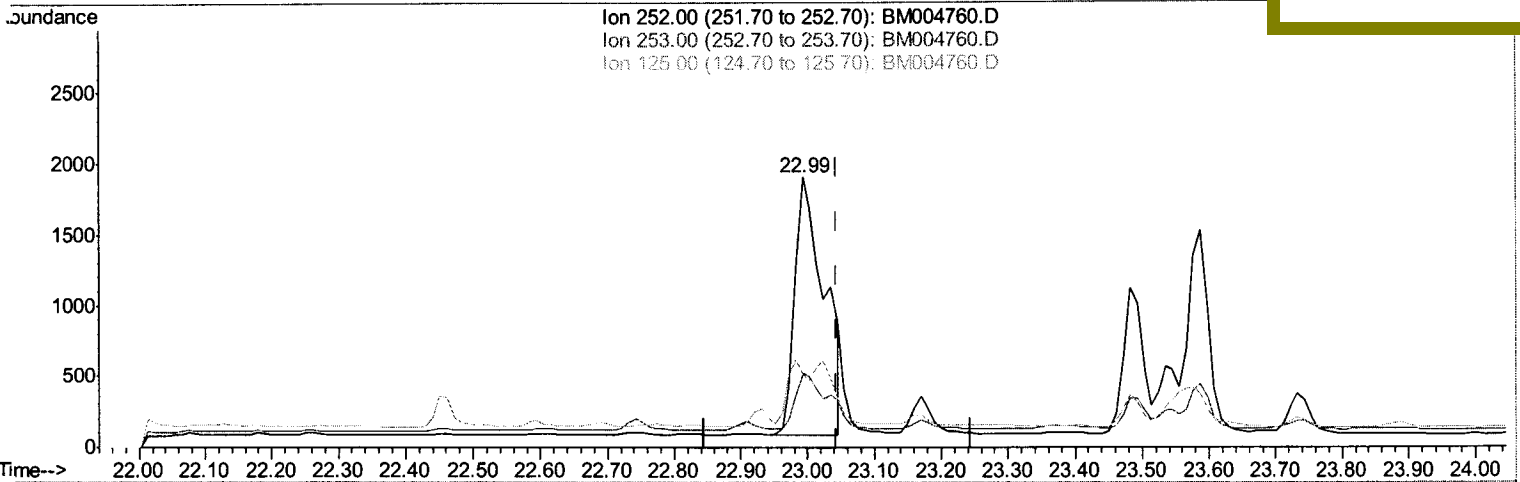
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TIC: BM004760.D

(24) Benzo(k)fluoranthene

22.993min (-0.052) 0.35ng/ul

response 5571

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	27.51
125.00	13.00	26.77#
0.00	0.00	0.00

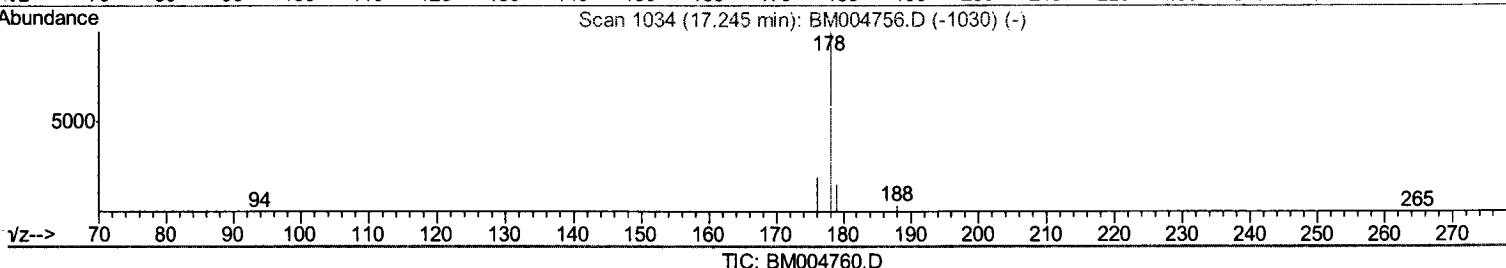
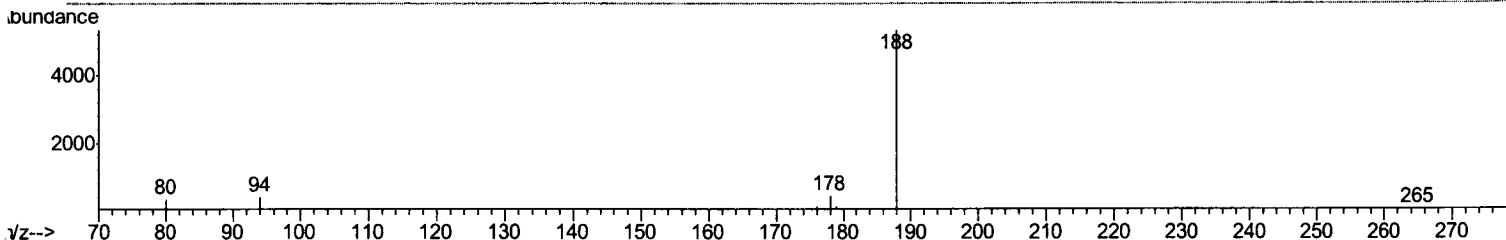
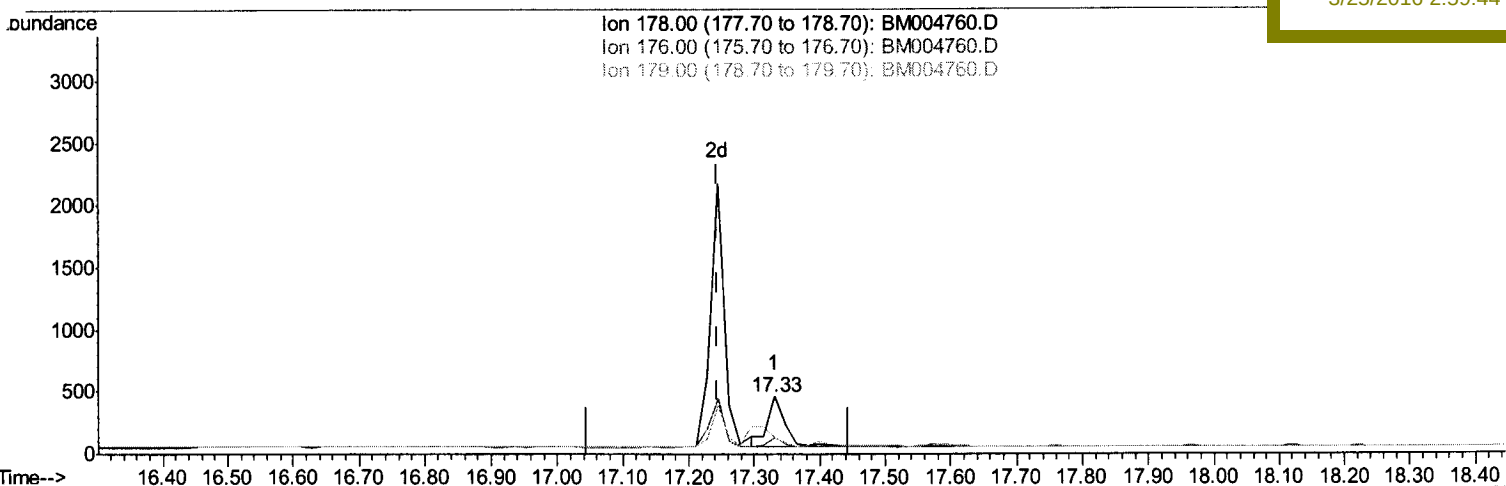
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004760.D
Acq On : 24 Mar 2016 21:25
Operator : UM/SJ
Sample : H1909-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T42

Manual Integrations
APPROVED

Sohil
3/25/2016 2:59:44 PM

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(14) Phenanthrene

17.331min (+0.086) 0.04ng/ul

response 739

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	28.79#
179.00	17.70	27.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

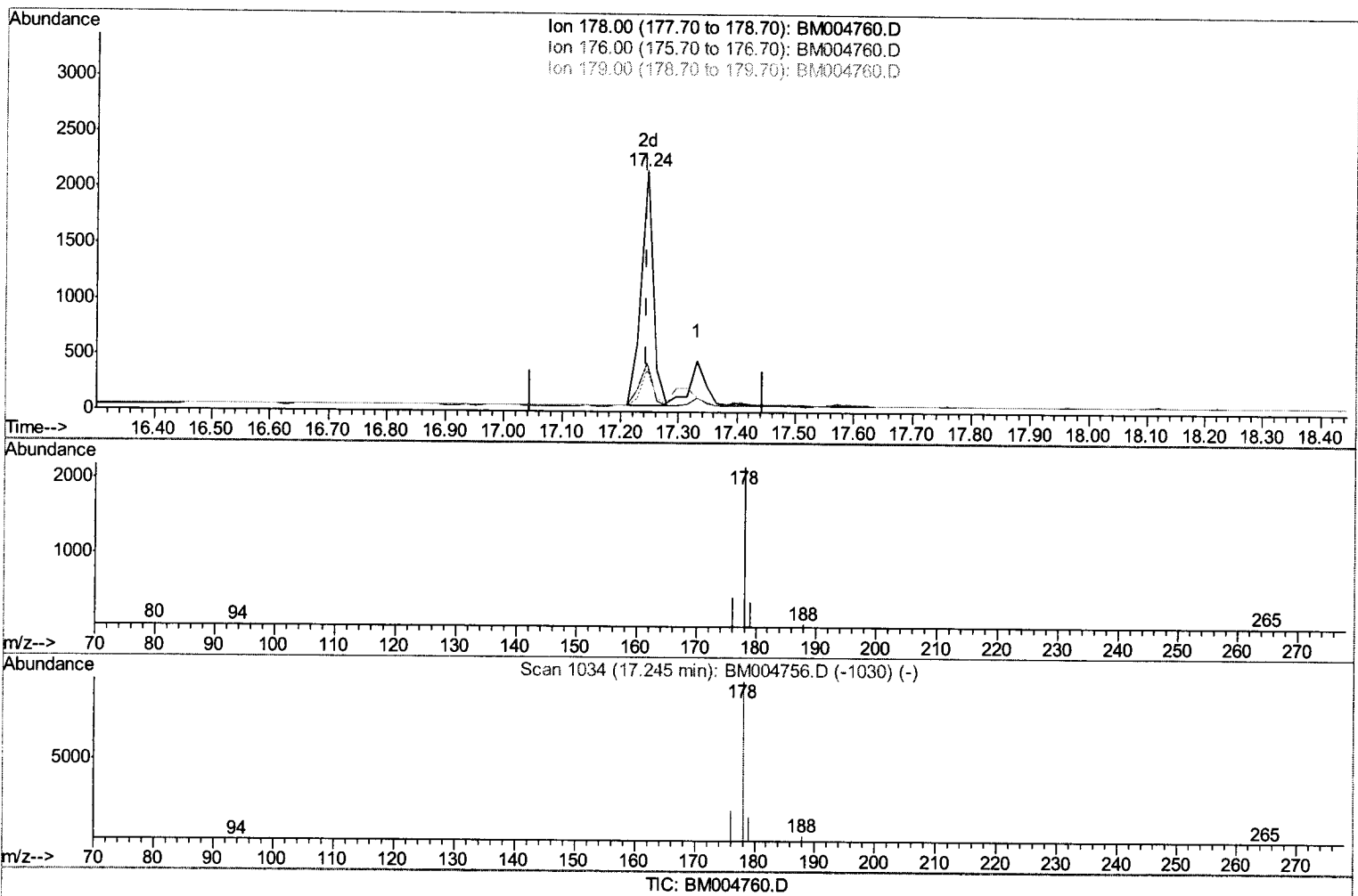
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 ClientSampleId :
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Manual Integrations
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(14) Phenanthrene

17.245min (+0.000) 0.18ng/ul m

U.M
 04/05/16

response 3117

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.46#
179.00	17.70	17.83
0.00	0.00	0.00

Quantitation Report (Qedit)

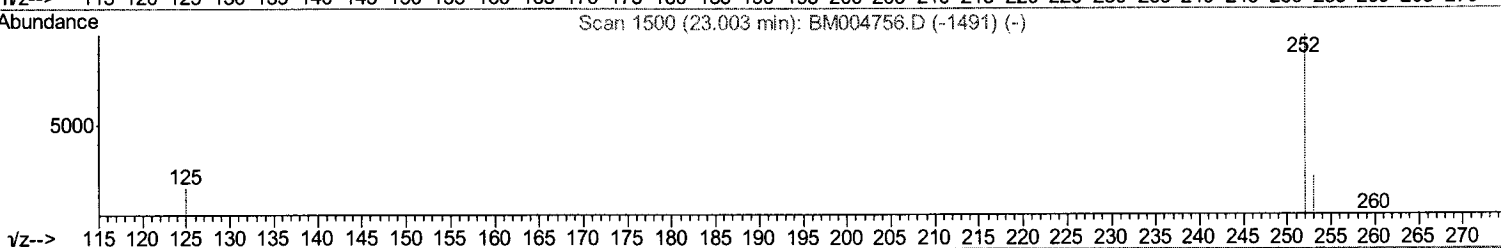
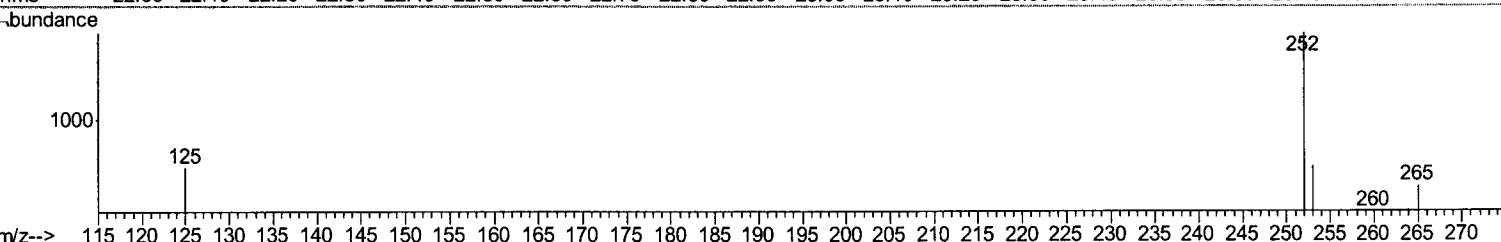
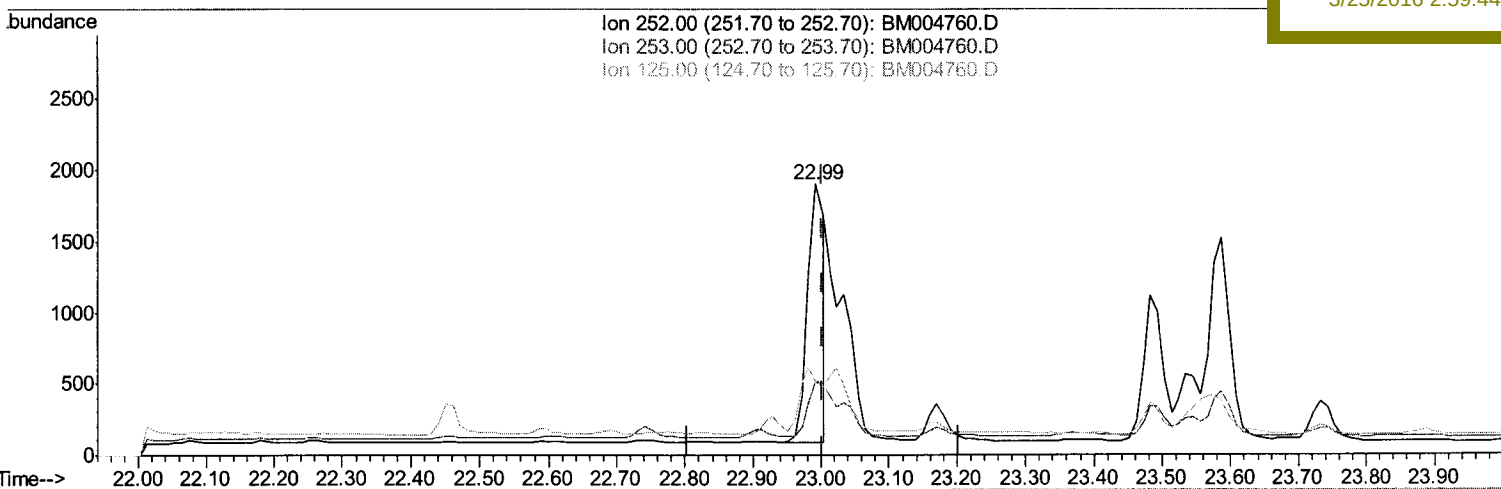
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Instrument :
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Manual Integrations
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TIC: BM004760.D

(23) Benzo(b)fluoranthene

22.993min (-0.010) 0.20ng/ul

response 3090

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	27.51
125.00	14.40	26.77
0.00	0.00	0.00

Quantitation Report (Qedit)

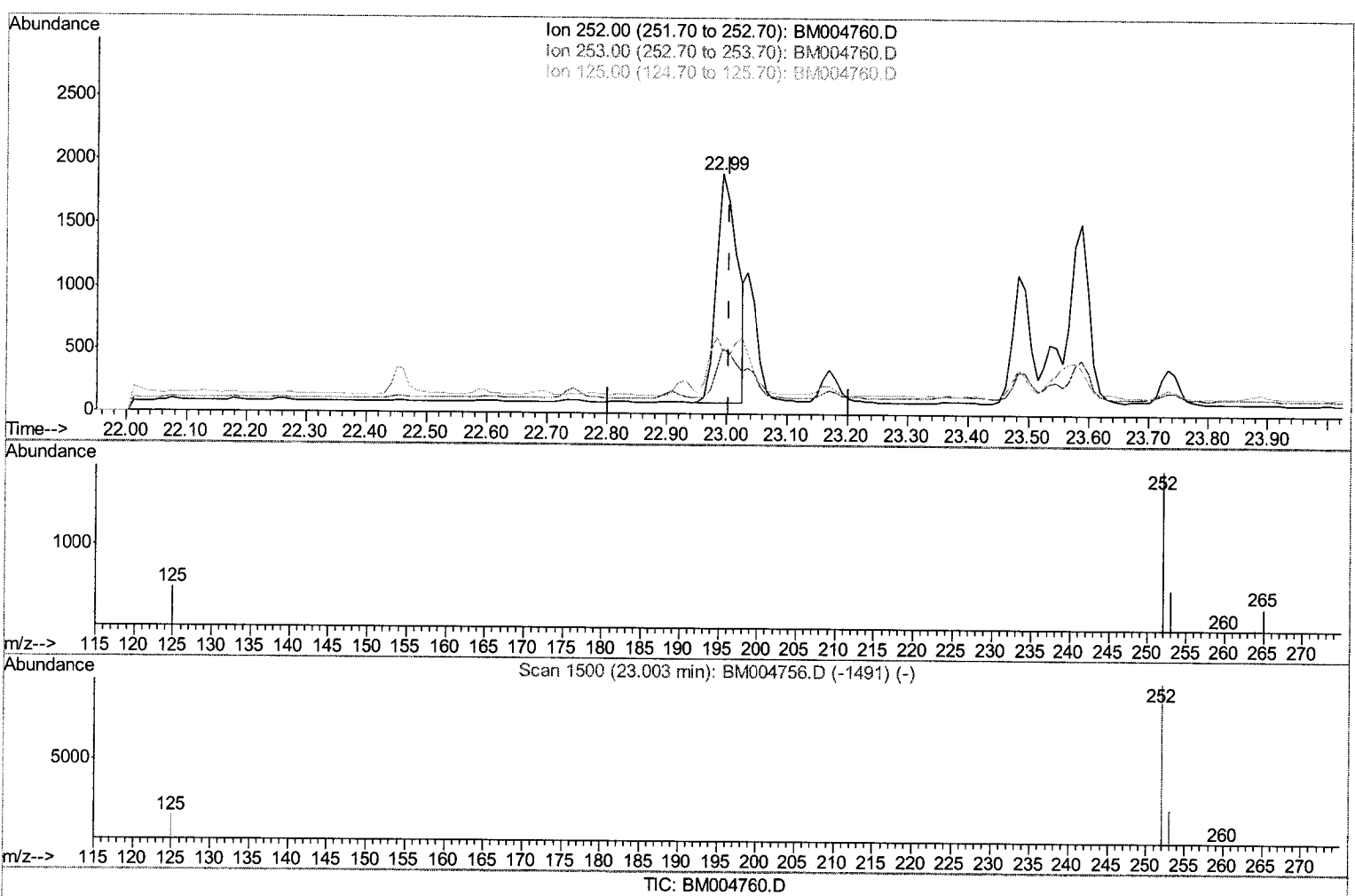
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(23) Benzo(b)fluoranthene

22.993min (-0.010) 0.28ng/ul m U.M

response 4430

04/05/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	27.51
125.00	14.40	26.77
0.00	0.00	0.00

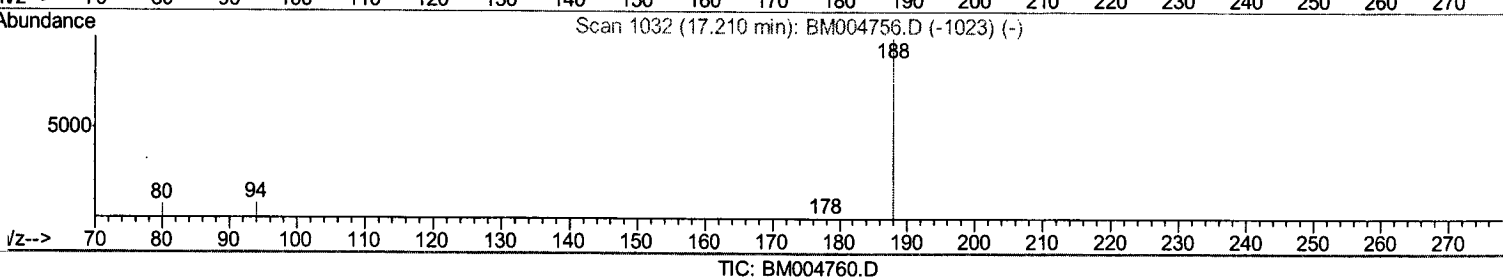
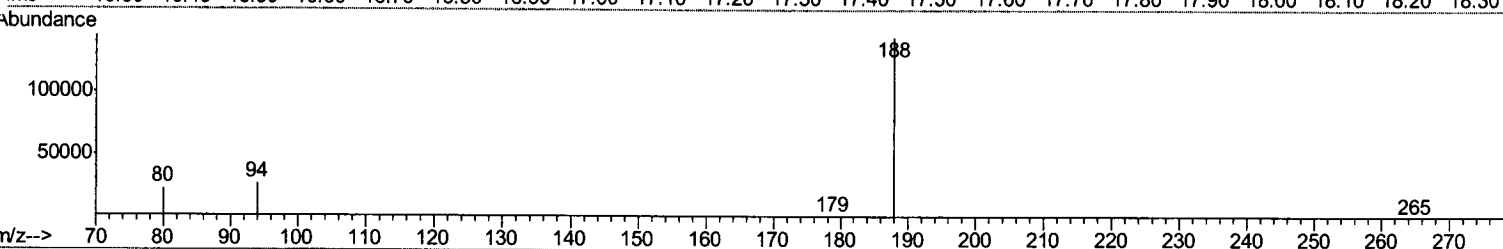
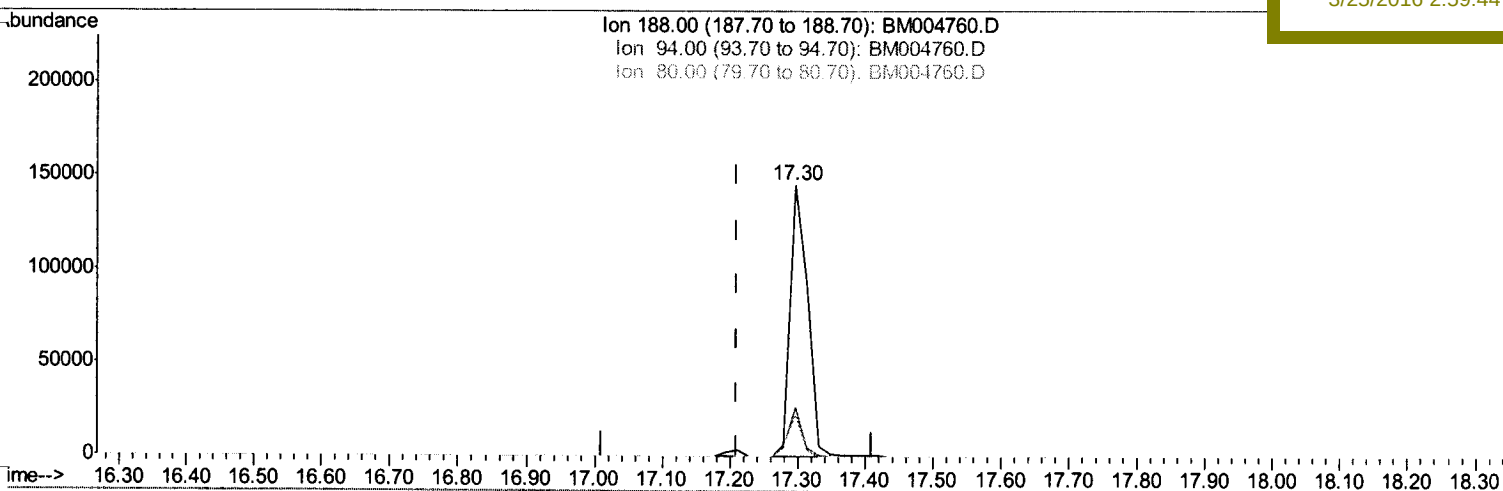
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(12) Phenanthrene-d10 (I)

17.296min (+0.086) 5.00ng/ul

response 258167

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	18.04#
80.00	11.90	15.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

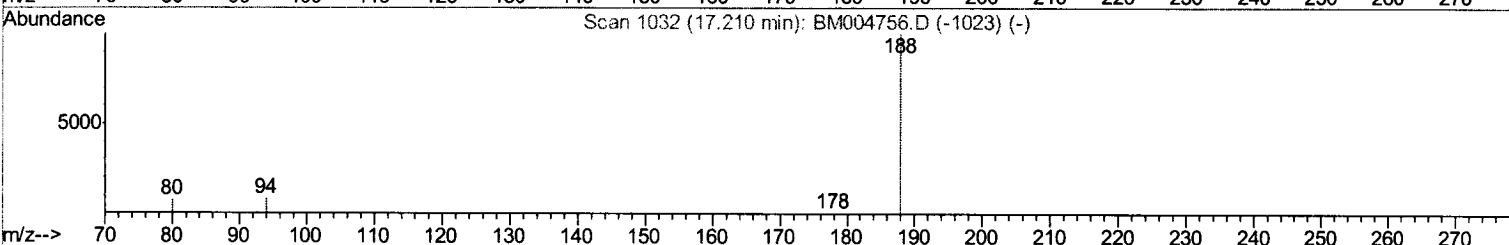
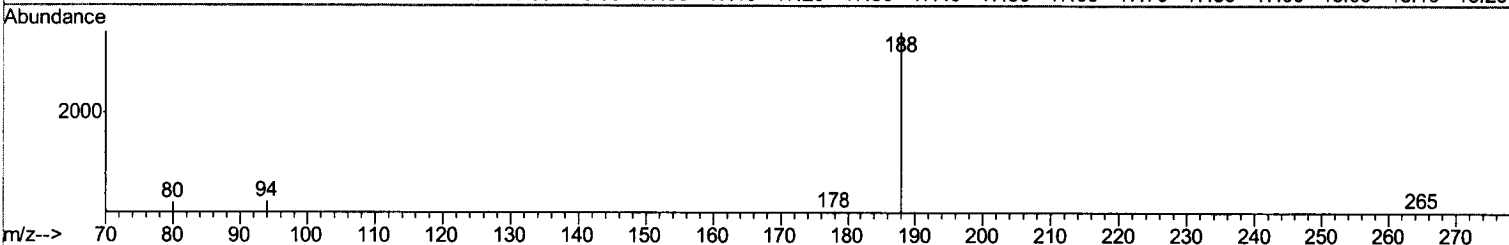
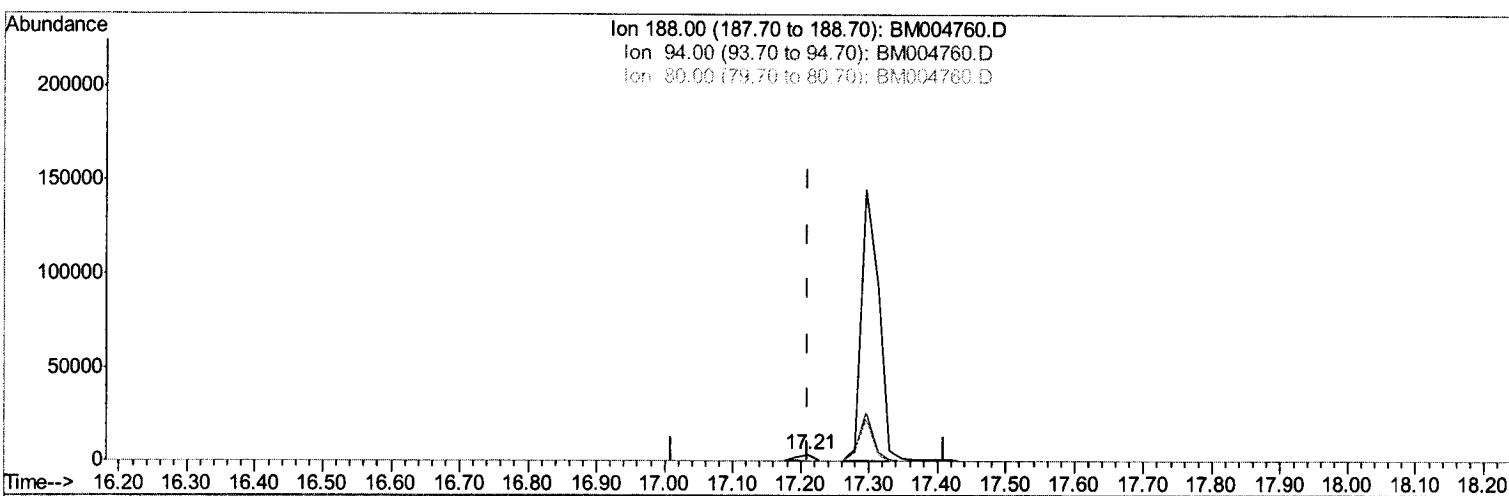
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TIC: BM004760.D

(12) Phenanthrene-d10 (I)

17.211min (+0.000) 5.00ng/ul m *U.M*

response 6275

04/05/16

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.29#
80.00	11.90	6.50#
0.00	0.00	0.00

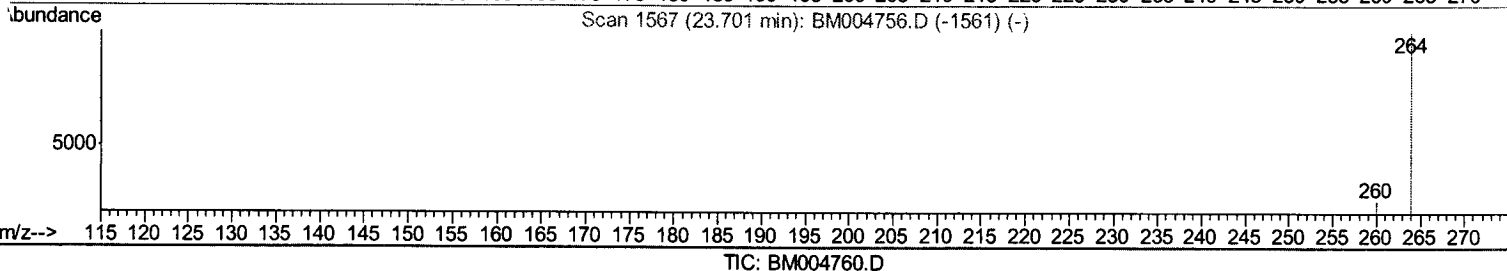
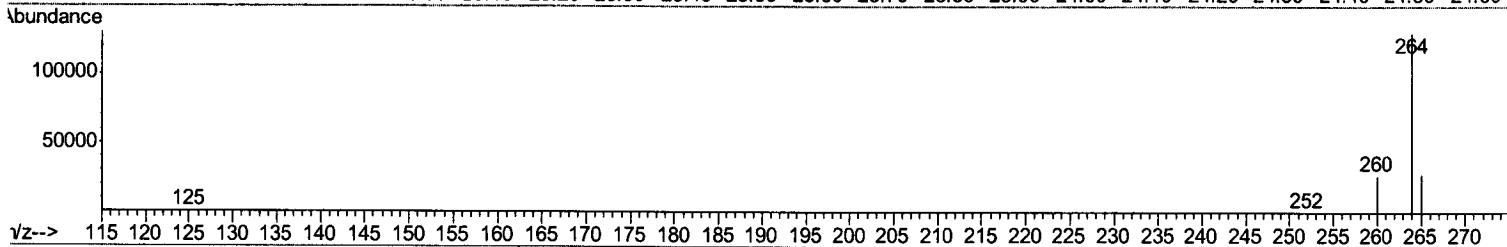
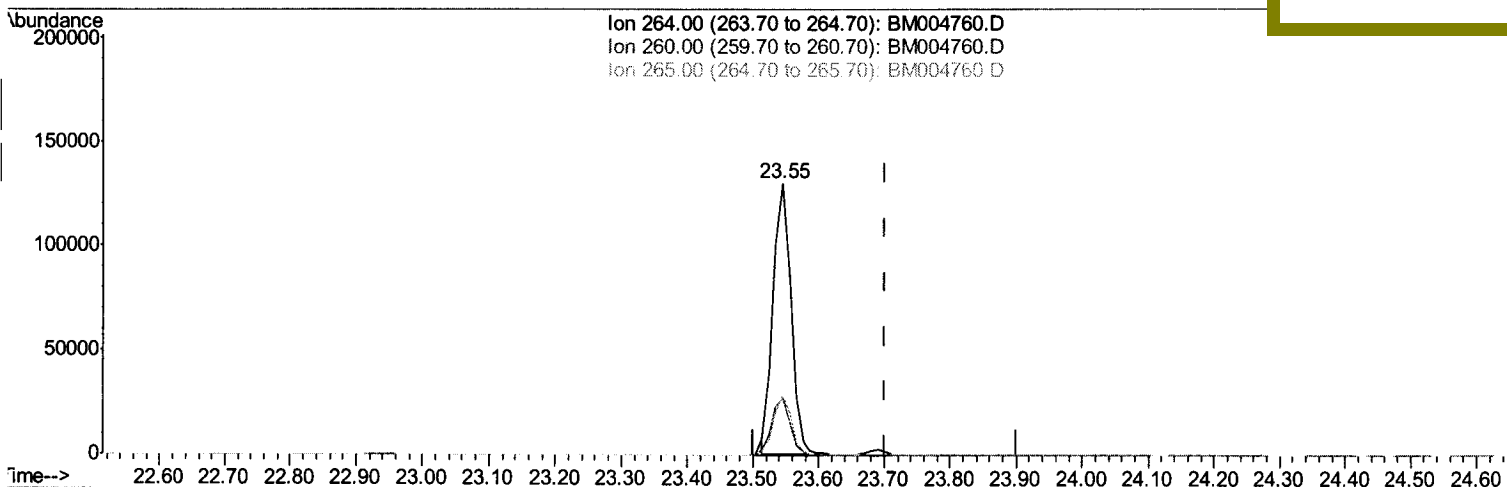
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Data File : BM004760.D
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Operator : UM/SJ
Sample : H1909-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T42

Quant Time: Mar 25 03:21:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
3/25/2016 2:59:44 PM



(22) Perylene-d12 (I)

23.545min (-0.156) 5.00ng/ul

response 242592

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	20.83
265.00	38.20	21.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

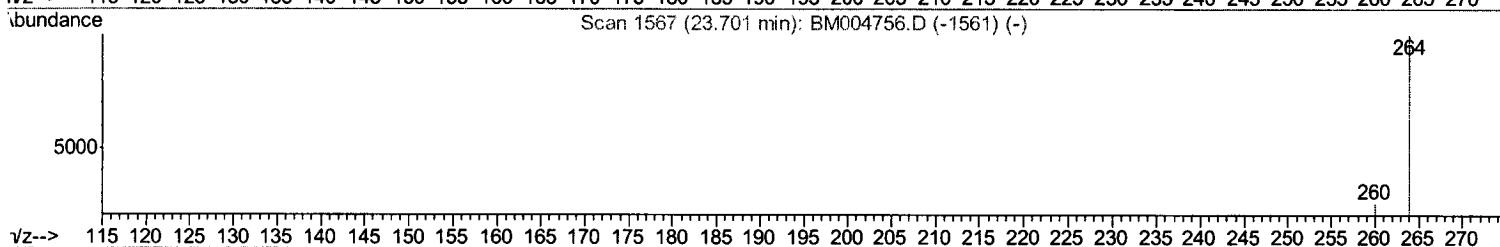
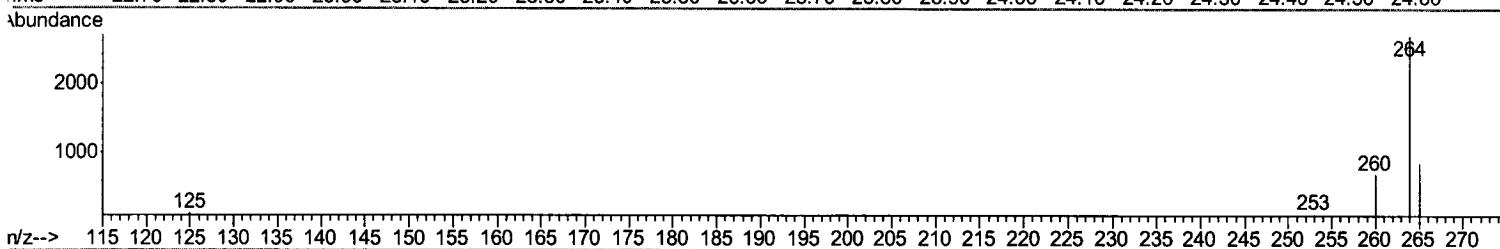
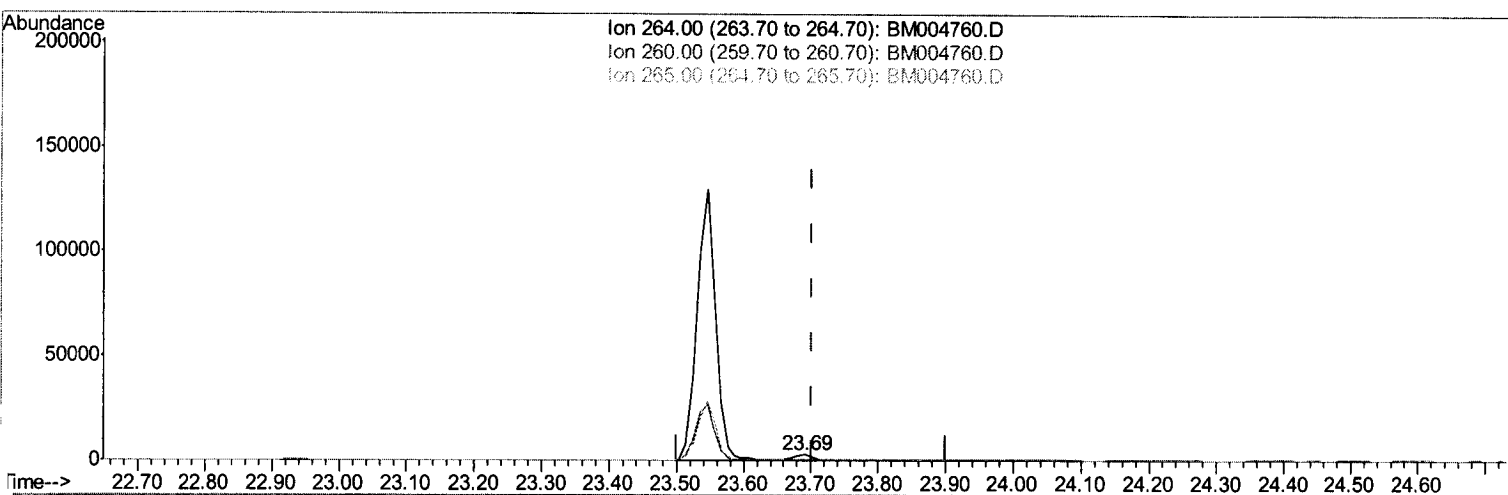
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004760.D
 Acq On : 24 Mar 2016 21:25
 Operator : UM/SJ
 Sample : H1909-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T42

Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:59:44 PM

Quant Time: Mar 25 03:21:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration



TIC: BM004760.D

(22) Perylene-d12 (I)

23.691min (-0.010) 5.00ng/ul m U.M

response 4404

04/05/16

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.35
265.00	38.20	32.18
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004760.D
 Acq On : 24 Mar 2016 21:25
 Operator : UM/SJ
 Sample : H1909-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T42

Quant Time: Mar 25 03:38:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:59:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1443	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5814	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2964	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6275m	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	5660	5.00	ng/ul	-0.01
22) Perylene-d12	23.69	264	4404m	5.00	ng/ul	-0.01

U.M
 04/05/16

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.32	96	5092	7.28	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	1493	0.23	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	3030	0.24	ng/ul	0.00

Target Compounds

						Qvalue
14) Phenanthrene	17.24	178	3117m	0.18	ng/ul	
17) Fluoranthene	19.27	202	7158	0.40	ng/ul	96
19) Pyrene	19.63	202	7471	0.38	ng/ul	97
20) Benzo(a)anthracene	21.38	228	3054	0.23	ng/ul#	92
21) Chrysene	21.43	228	3363	0.18	ng/ul	93
23) Benzo(b)fluoranthene	22.99	252	4430m	0.28	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	1454m	0.09	ng/ul	
25) Benzo(a)pyrene	23.59	252	2769m	0.21	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	1636m	0.11	ng/ul	
28) Benzo(g,h,i)perylene	26.72	276	1536m	0.11	ng/ul	

U.M
 04/05/16

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