

Quantitation Report (QT Reviewed)

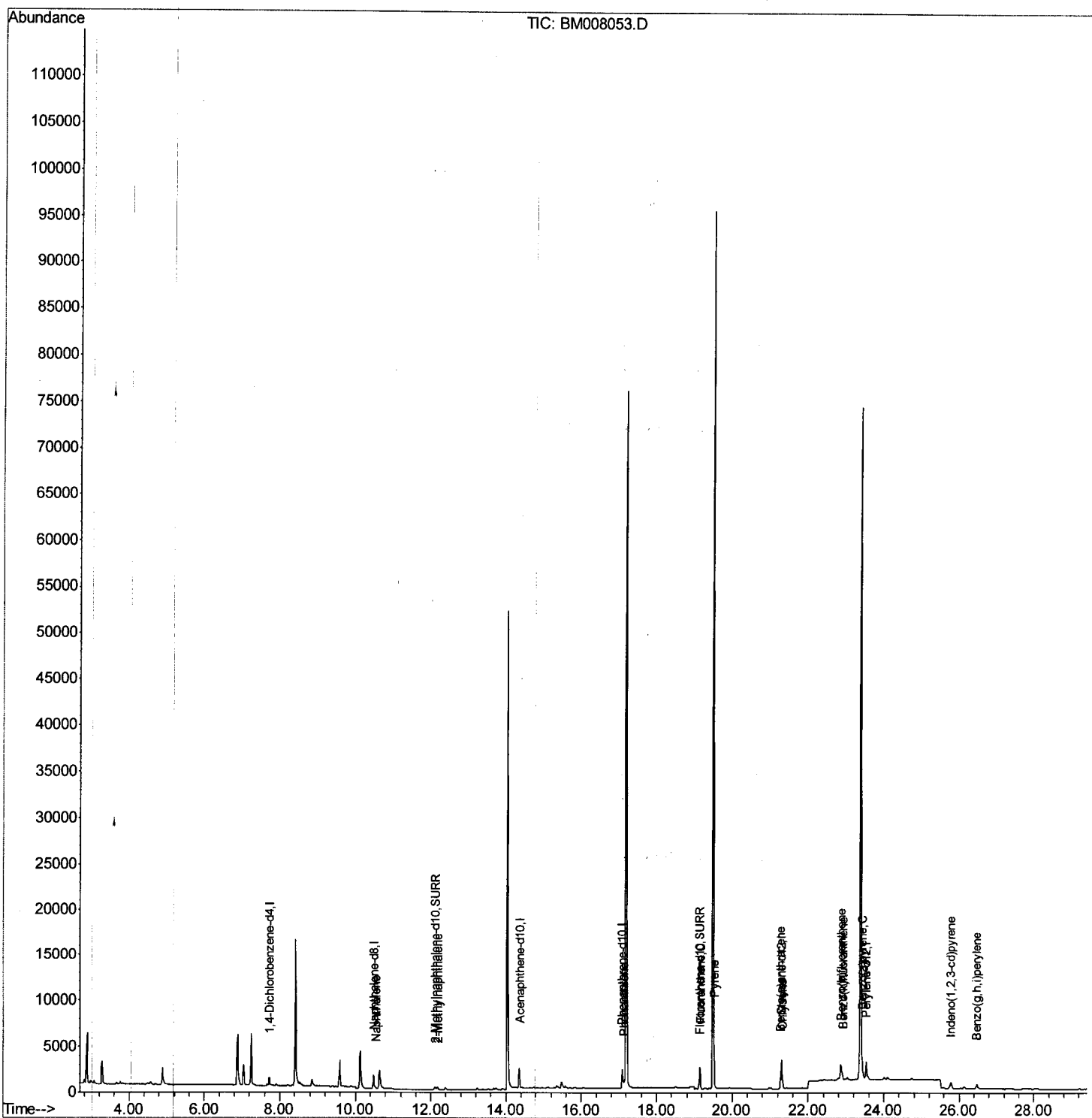
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008053.D
 Acq On : 24 Nov 2016 02:36
 Operator : UM/SJ
 Sample : H5694-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR2

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:28:30 PM

Quant Time: Nov 24 04:35:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

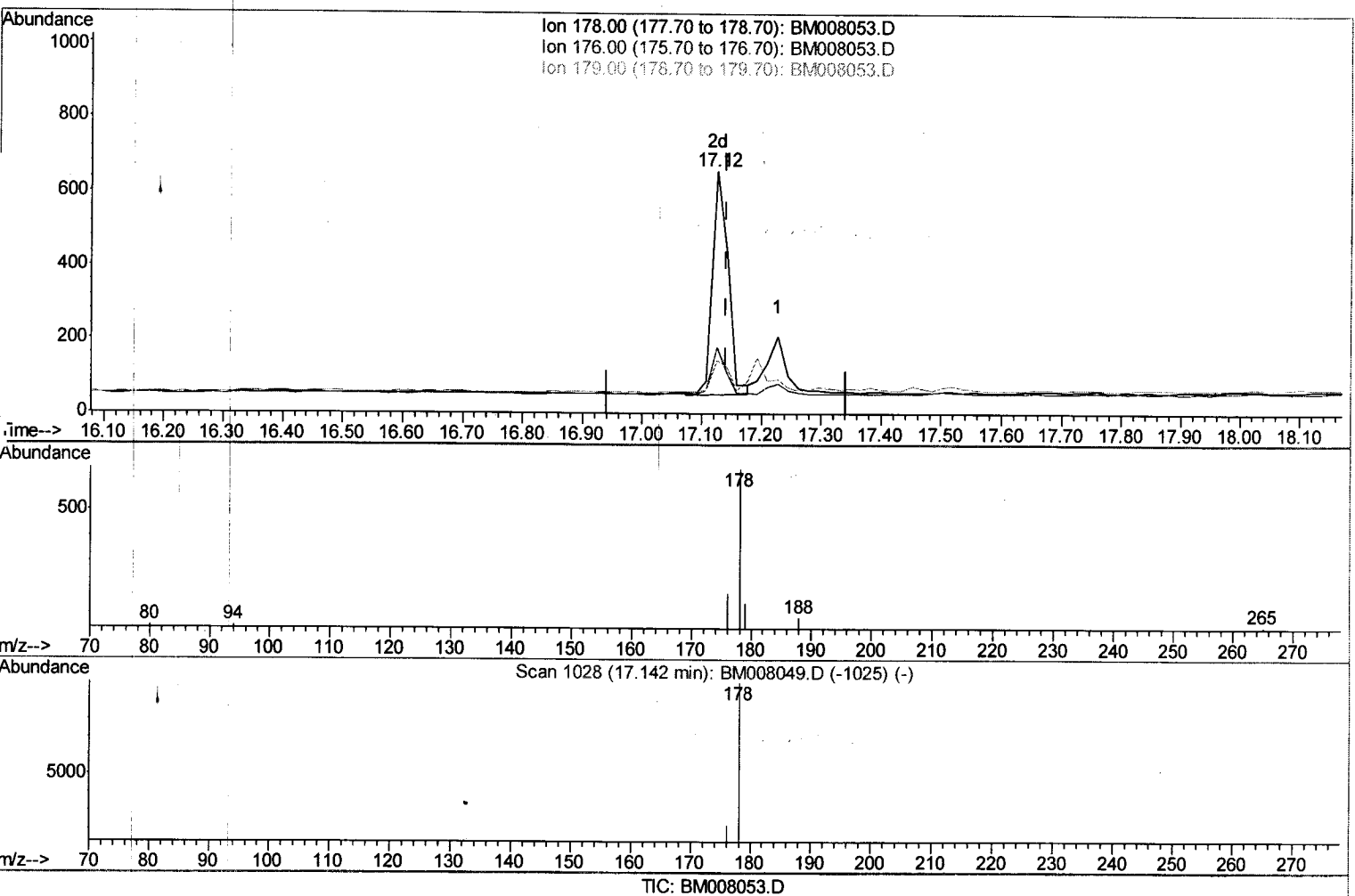
Data Path: Z:\HPCHEM1\BNA_M\DATA\BM112316\
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Quant Time: Nov 24 04:31:56 2016
 Quant Method: Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title: ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(12) Phenanthrene

17.125min (-0.017) 0.12ng/ul m

response 1107

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	27.40
179.00	17.00	21.61#
0.00	0.00	0.00

S. J.
 11/29/16

Quantitation Report (Qedit)

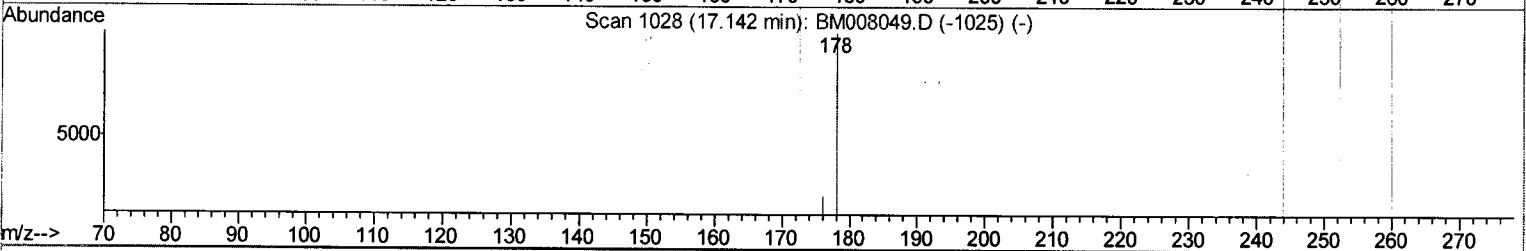
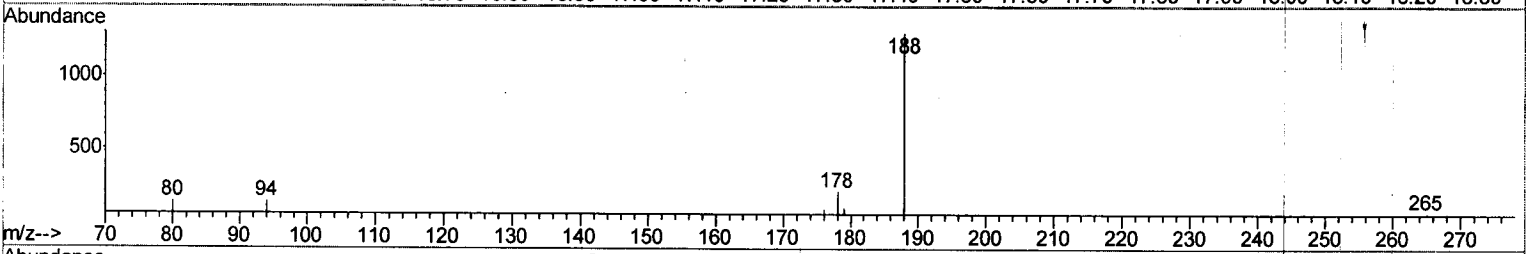
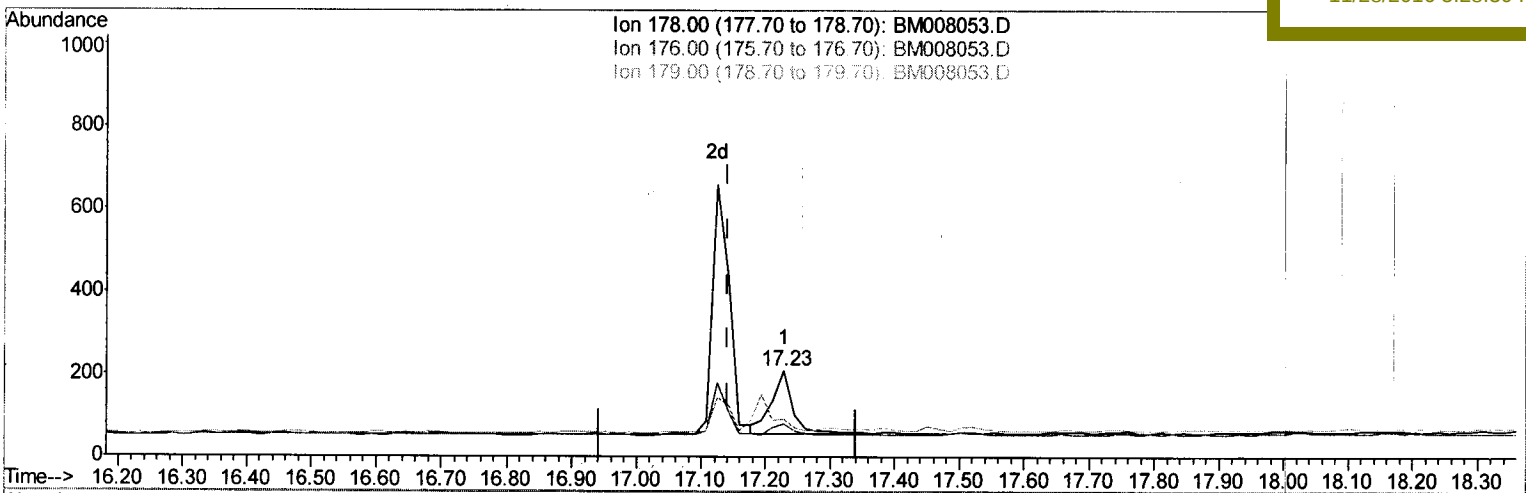
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TIC: BM008053.D

(12) Phenanthrene

17.228min (+0.086) 0.04ng/ul

response 345

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	38.28#
179.00	17.00	44.02#
0.00	0.00	0.00

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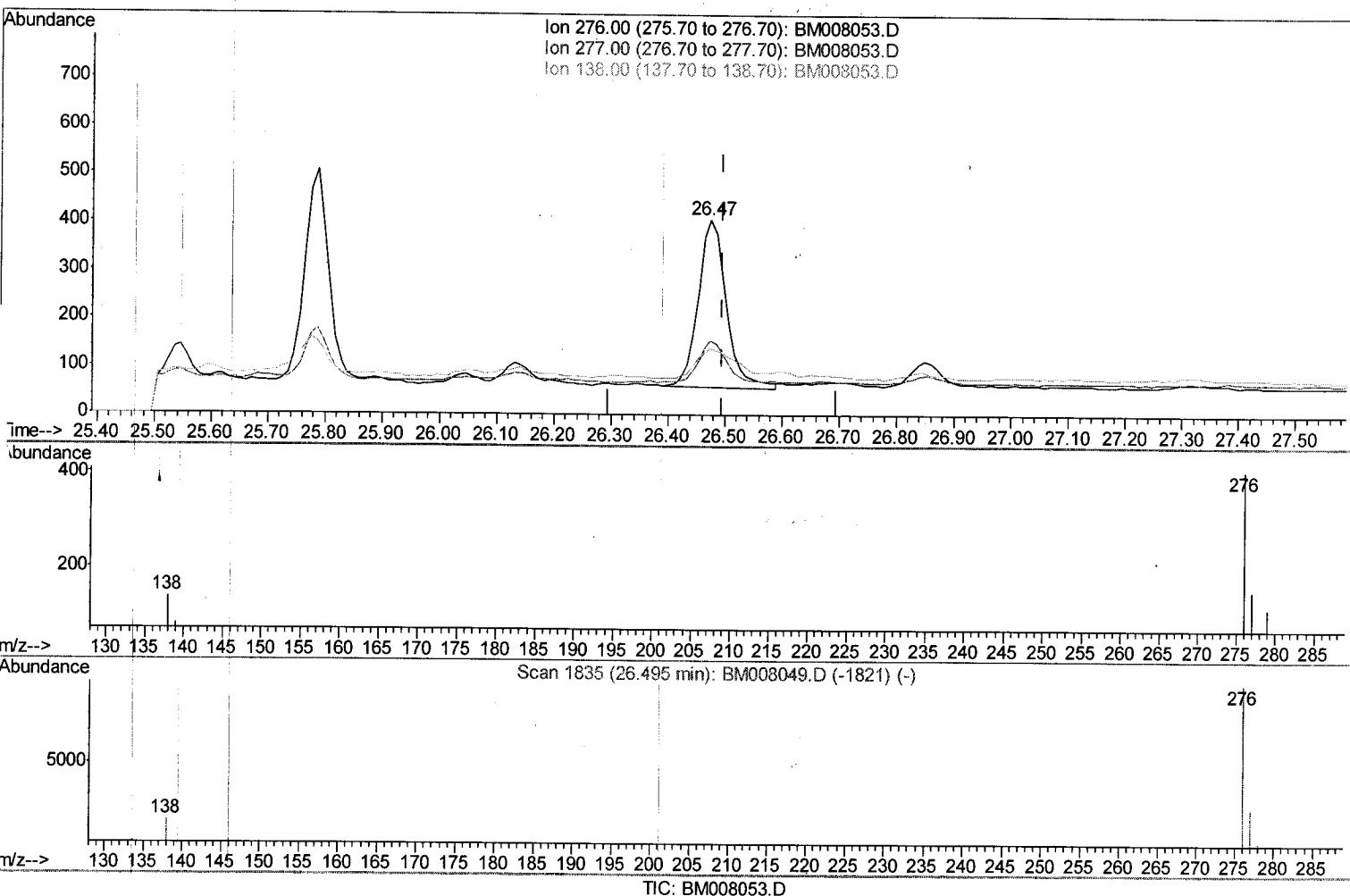
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(26) Benzo(g,h,i)perylene

26.474min (-0.021) 0.14ng/ul m

response 1211

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	37.75#
138.00	25.60	34.07#
0.00	0.00	0.00

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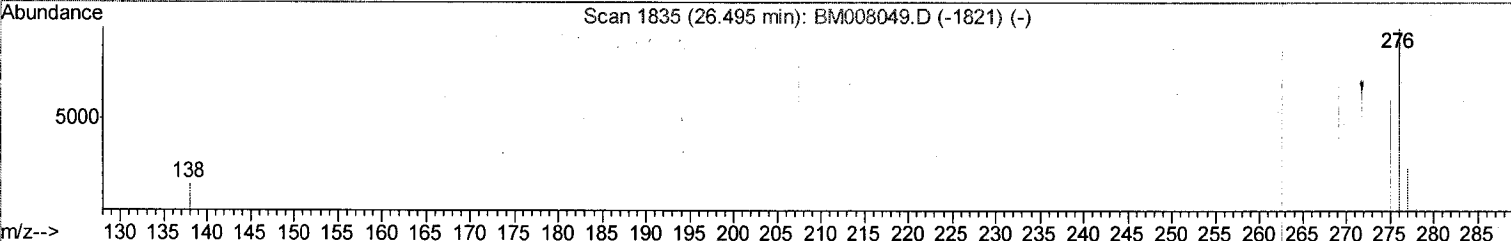
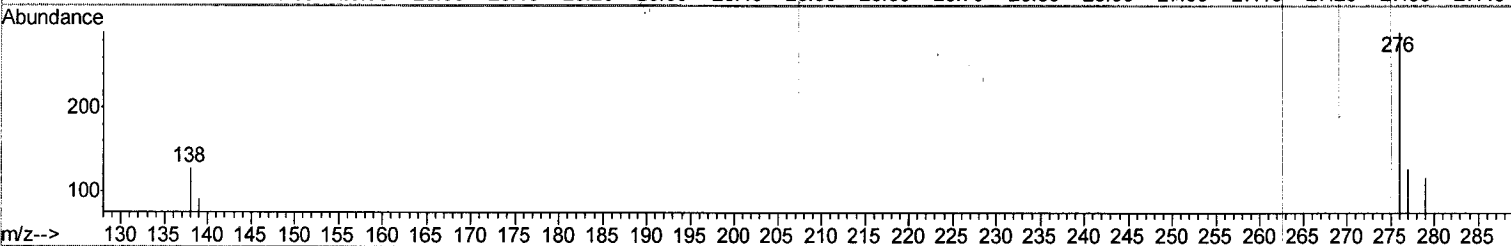
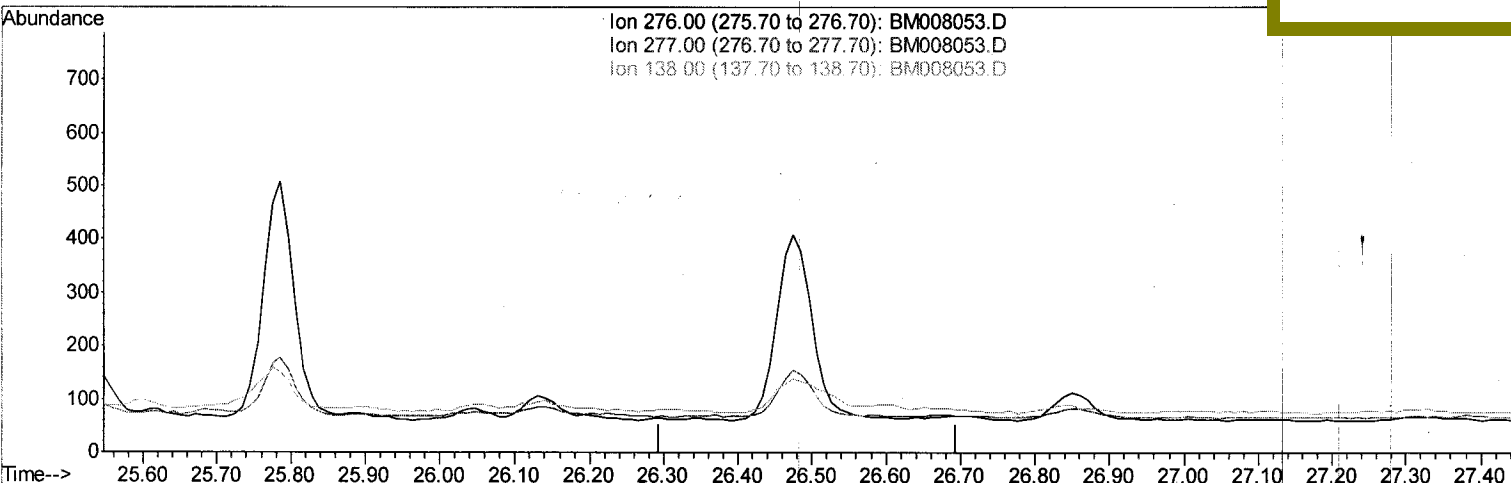
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TIC: BM008053.D

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

26.495min (-26.495) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
277.00	27.30	0.00#
138.00	25.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

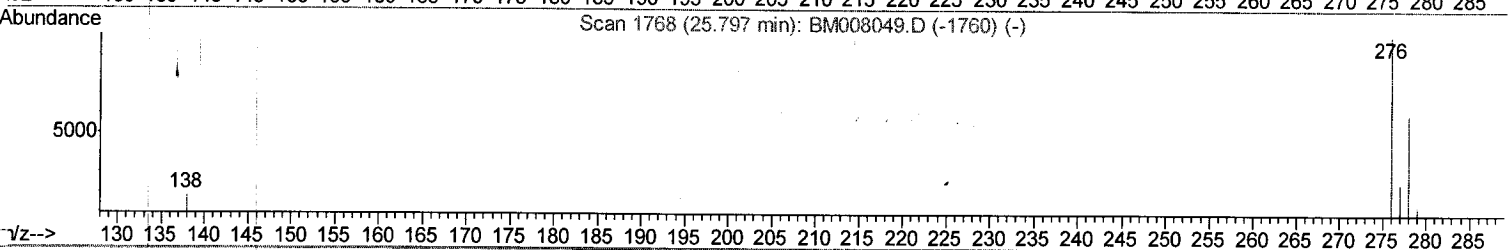
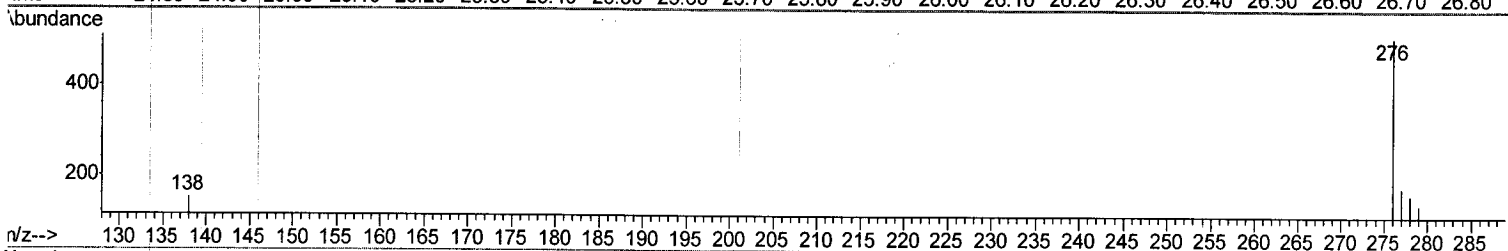
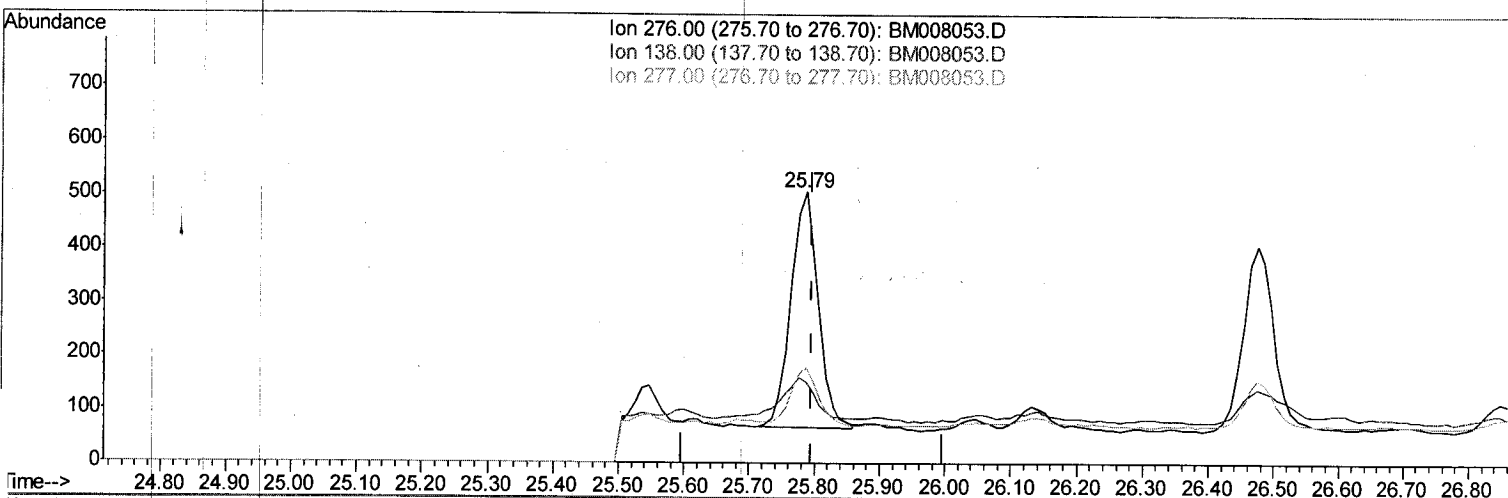
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TIC: BM008053.D

(24) Indeno(1,2,3-cd)pyrene

25.786min (-0.010) 0.13ng/ul m

response 1282

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	86.66#
0.00	0.00	0.00

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Quantitation Report (Qedit)

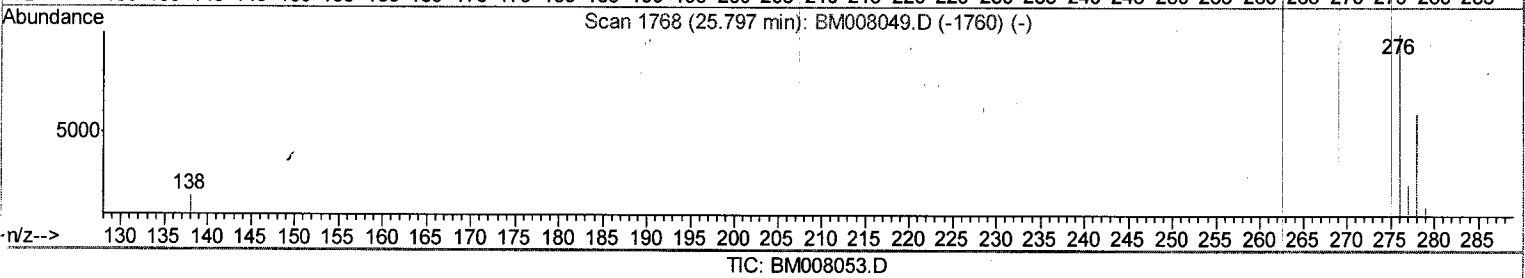
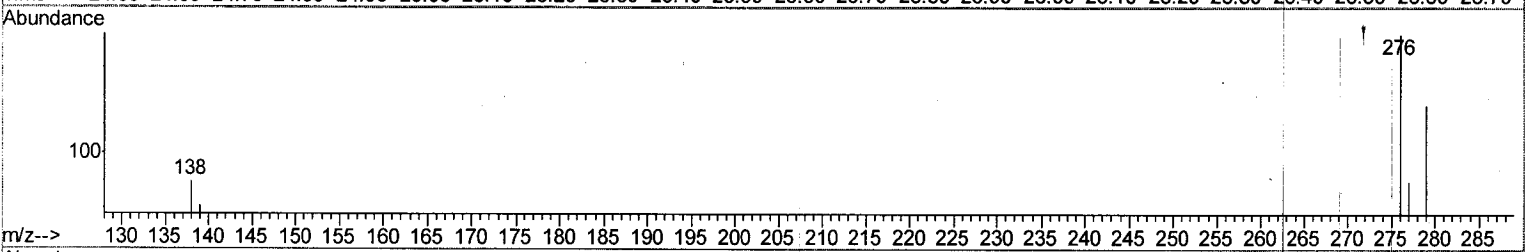
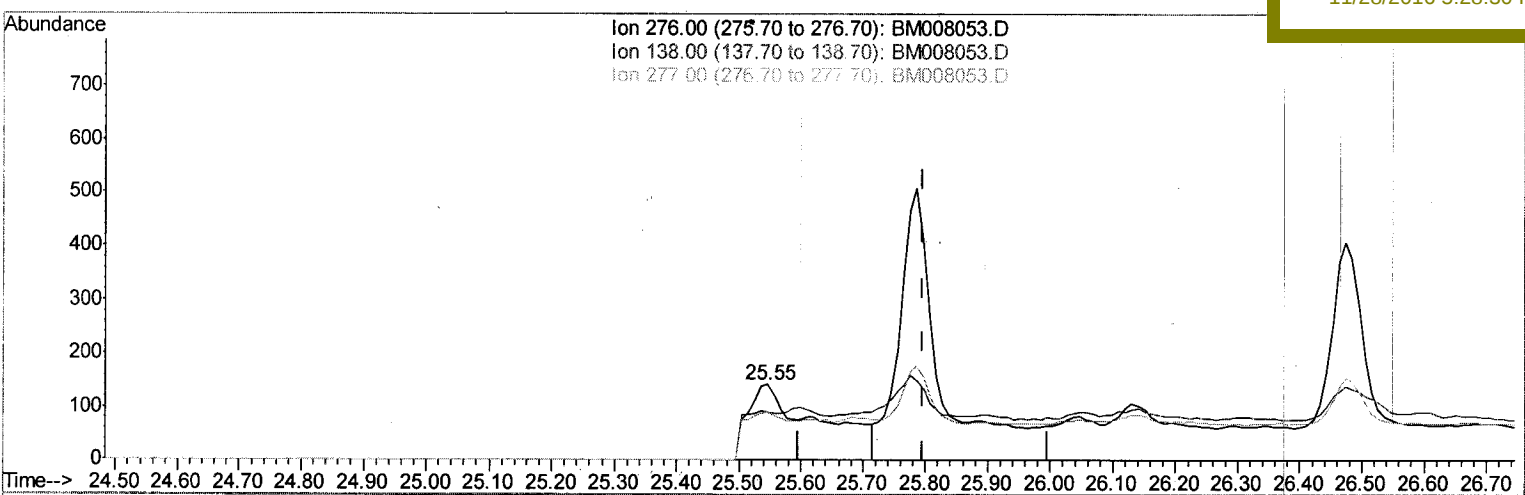
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(24) Indeno(1,2,3-cd)pyrene

25.547min (-0.250) 0.11ng/ul

response 1123

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	98.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

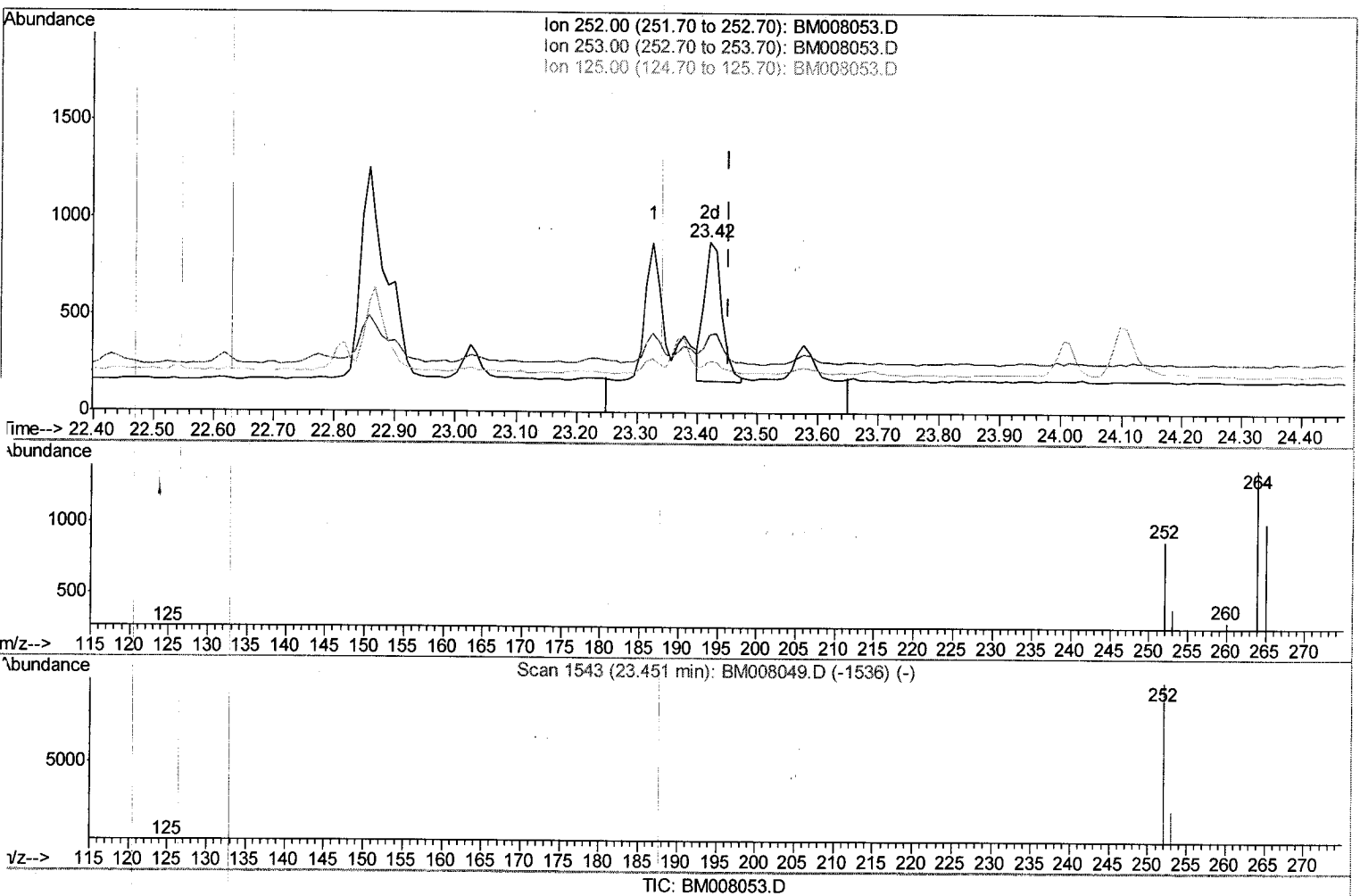
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(23) Benzo(a)pyrene (C)

23.420min (-0.031) 0.18ng/ul m

response 1459

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	45.65#
125.00	22.60	29.94#
0.00	0.00	0.00

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Quantitation Report (Qedit)

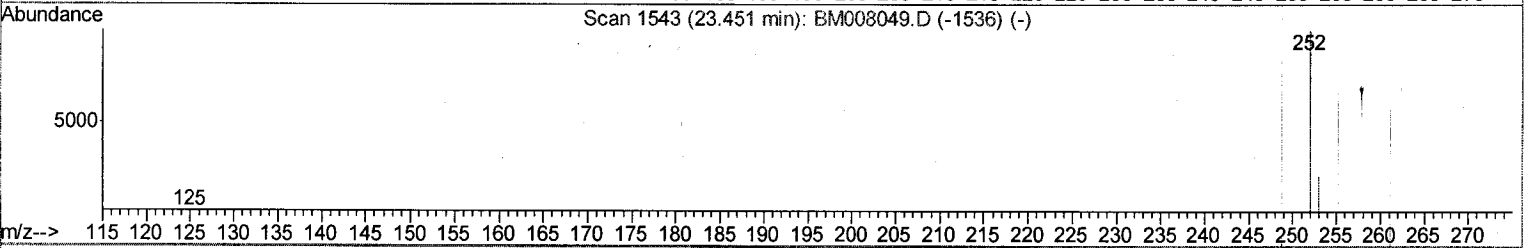
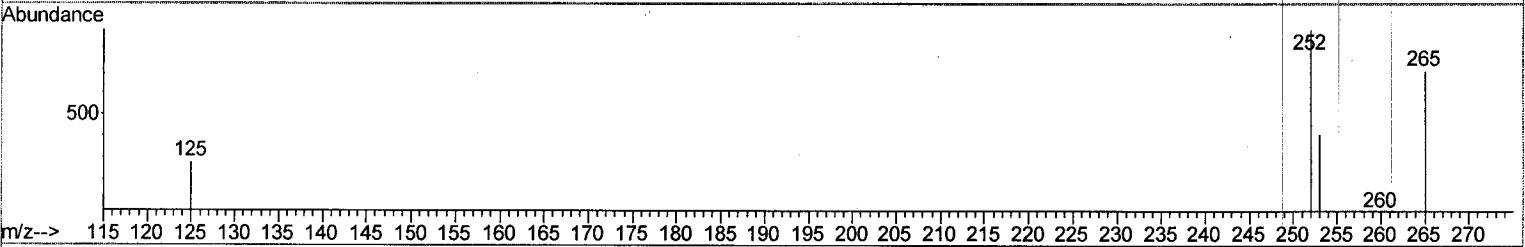
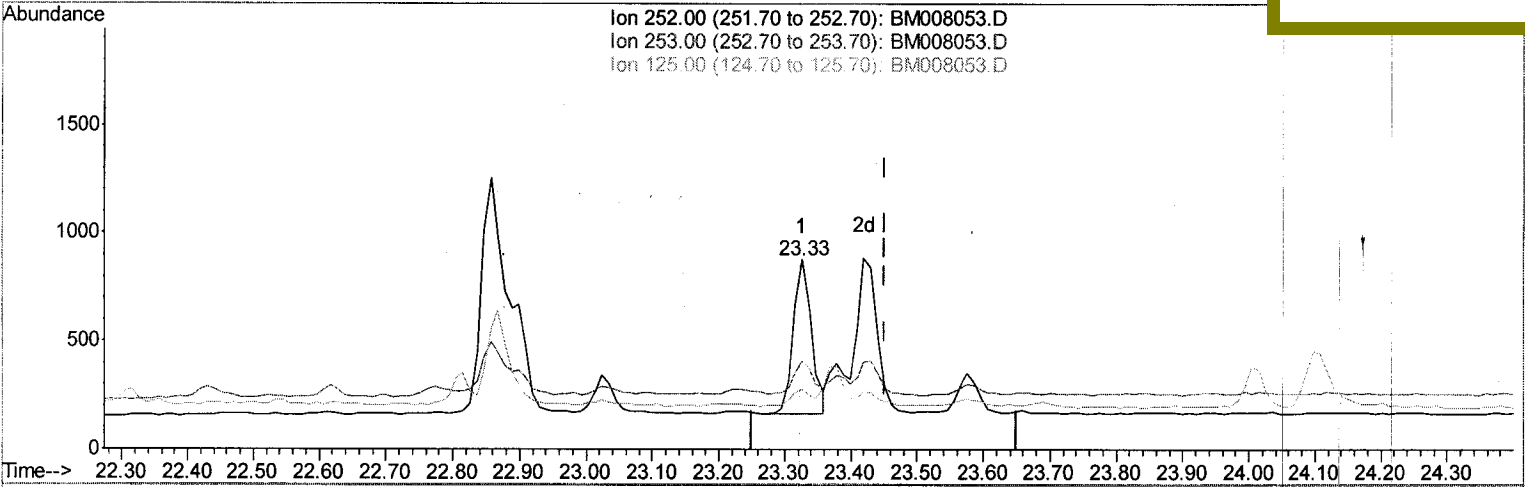
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 Misc :
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TIC: BM008053.D

(23) Benzo(a)pyrene (C)

23.326min (-0.125) 0.17ng/ul

response 1338

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	46.64#
125.00	22.60	31.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

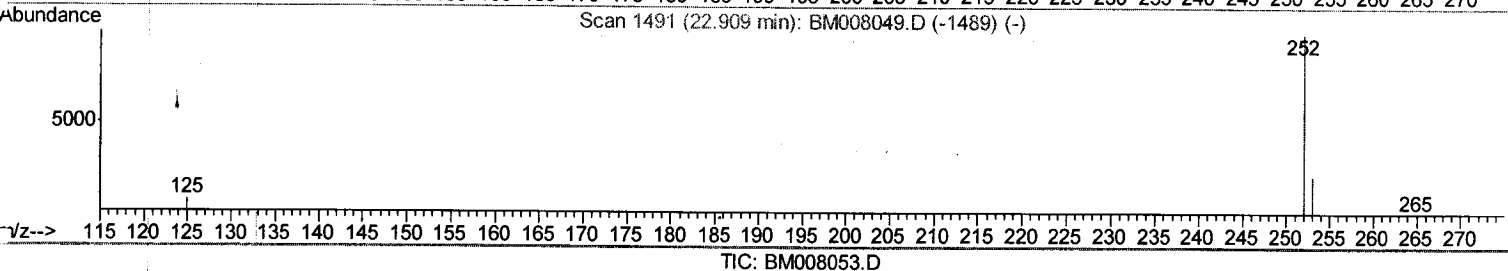
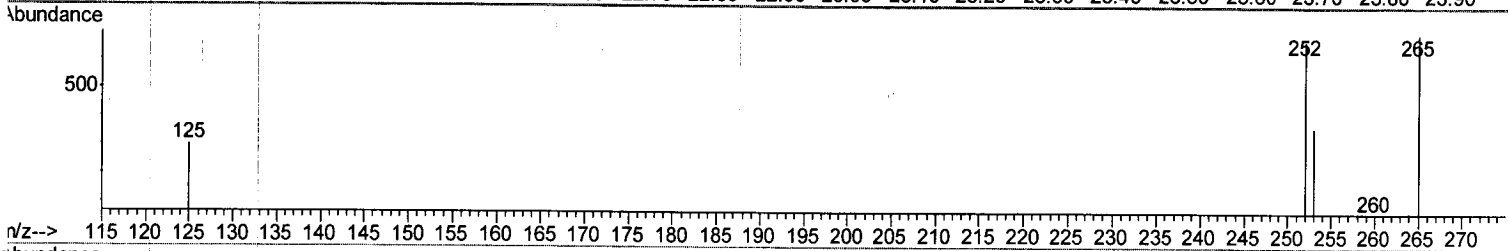
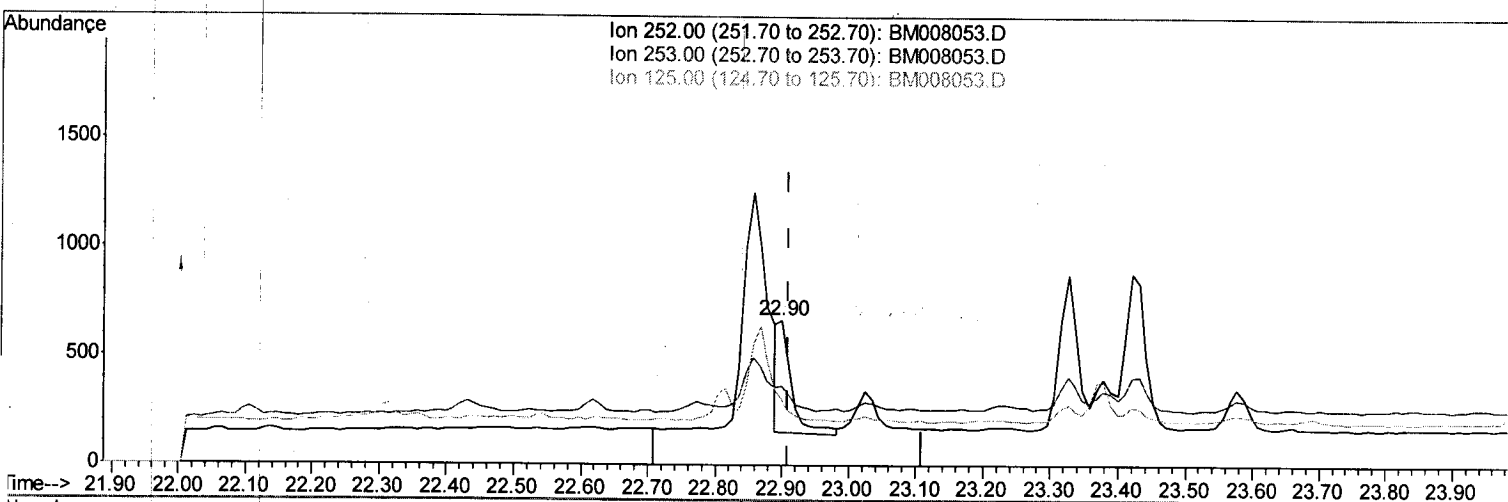
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 Misc :
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 ClientSampleId :
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.899min (-0.010) 0.08ng/ul m

response 706

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	54.71#
125.00	17.10	44.84#
0.00	0.00	0.00

S.J.
 11/29/16

Quantitation Report (Qedit)

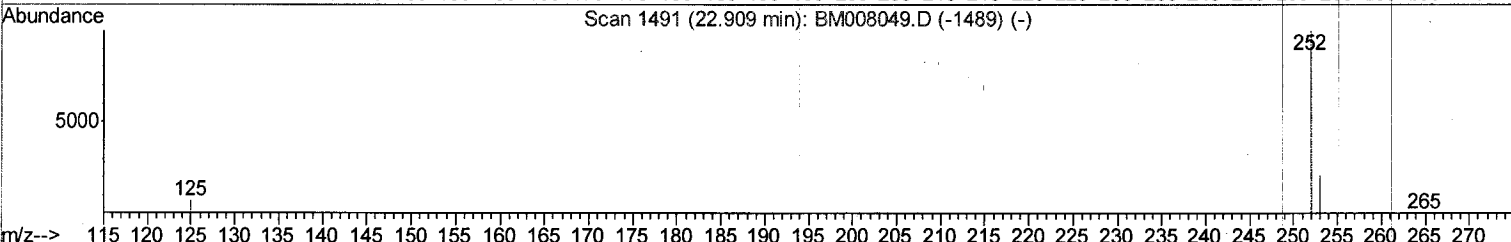
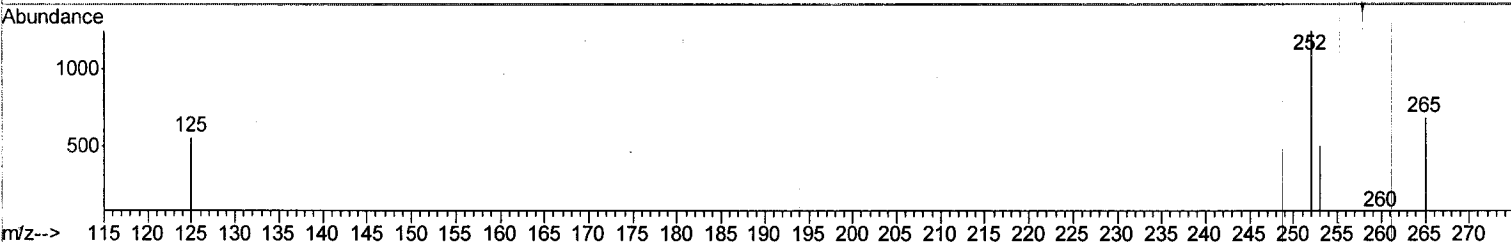
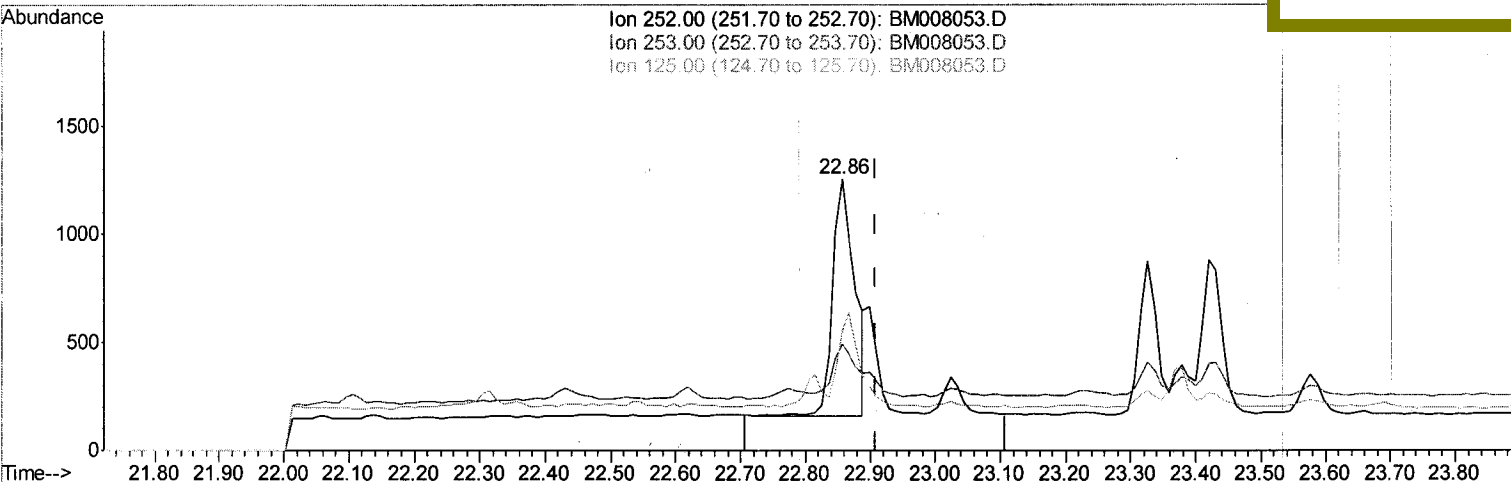
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TIC: BM008053.D

(22) Benzo(k)fluoranthene

22.857min (-0.052) 0.30ng/ul

response 2642

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	39.51#
125.00	17.10	44.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

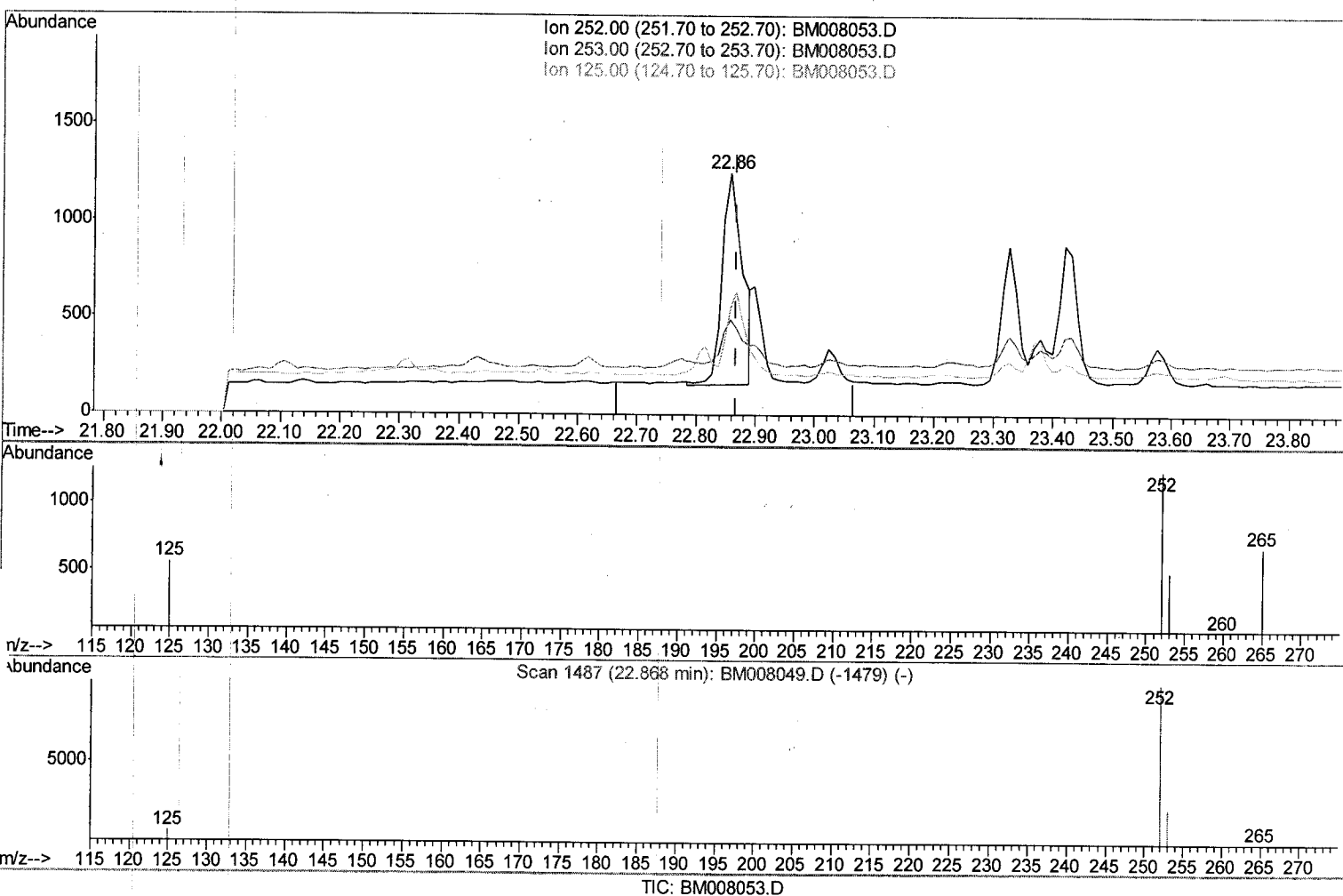
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(21) Benzo(b)fluoranthene

22.857min (-0.010) 0.31ng/ul m

response 2646

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	39.51
125.00	17.50	44.45#
0.00	0.00	0.00

S.J.
 11/29/16

Quantitation Report (Qedit)

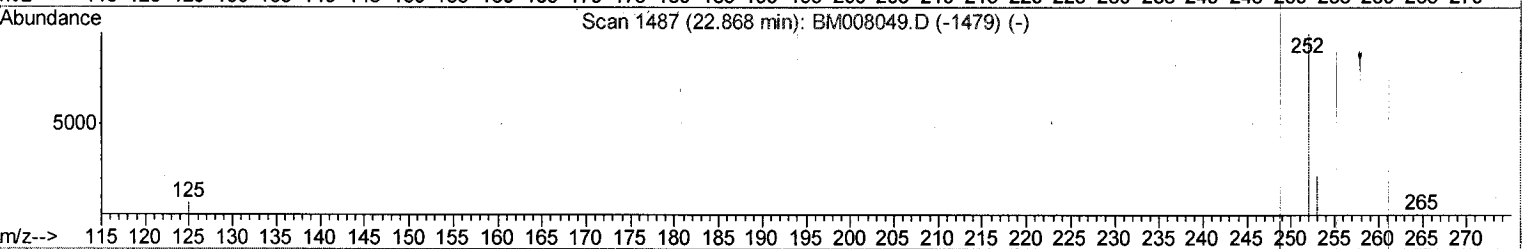
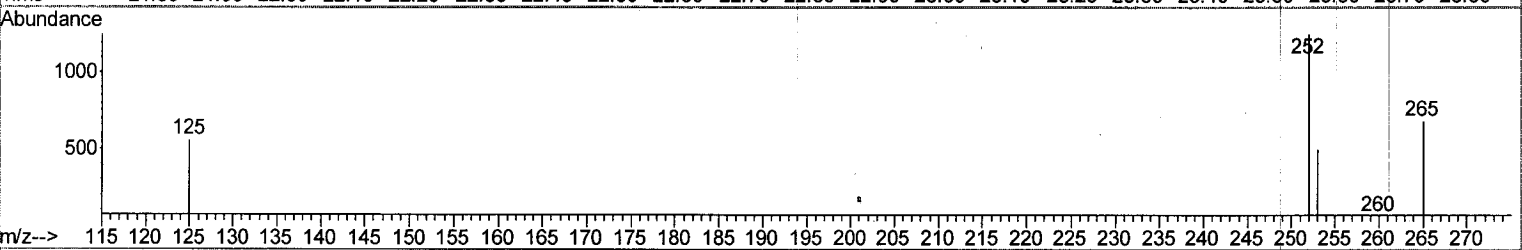
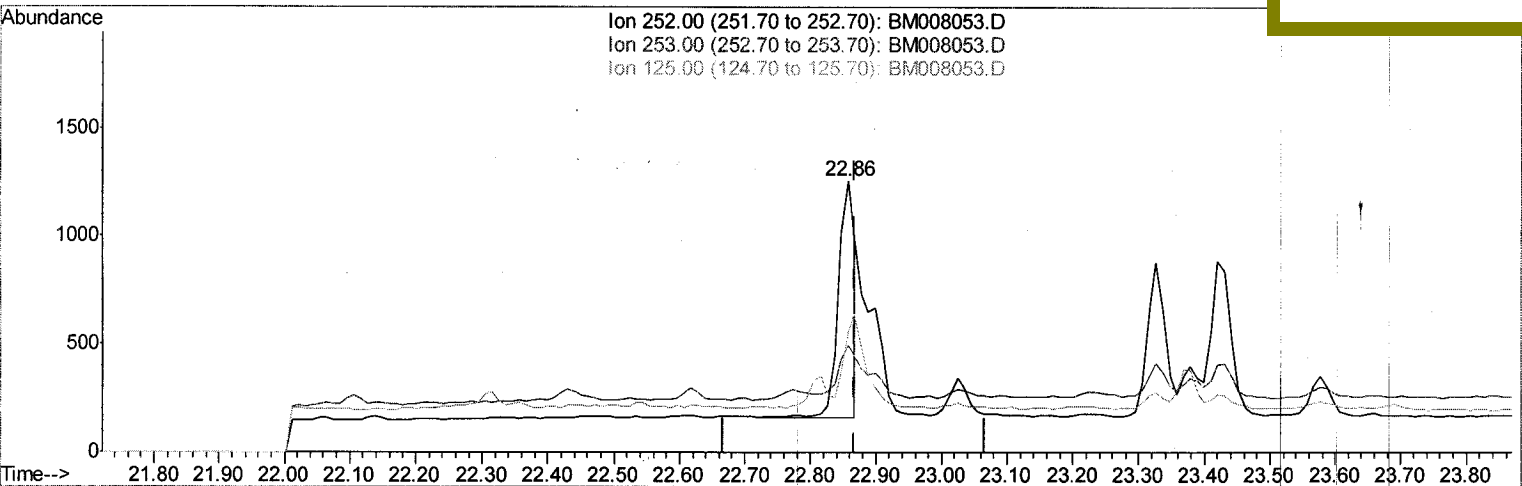
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TIC: BM008053.D

(21) Benzo(b)fluoranthene
 22.857min (-0.010) 0.23ng/ul
 response 1983

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	39.51
125.00	17.50	44.45#
0.00	0.00	0.00

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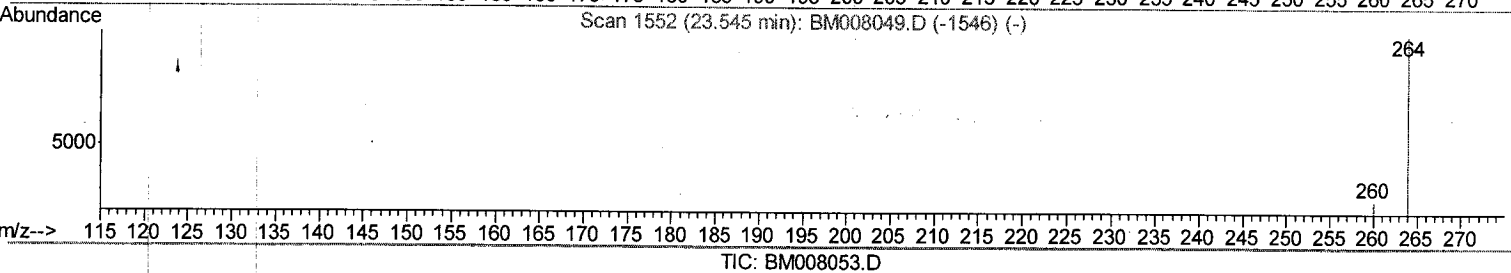
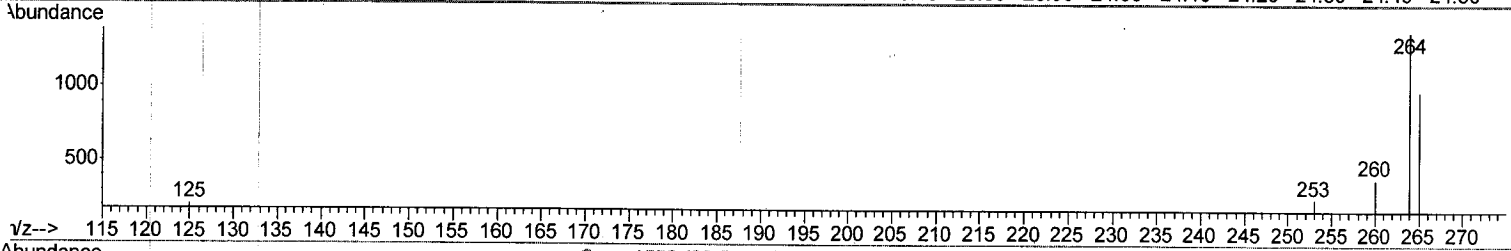
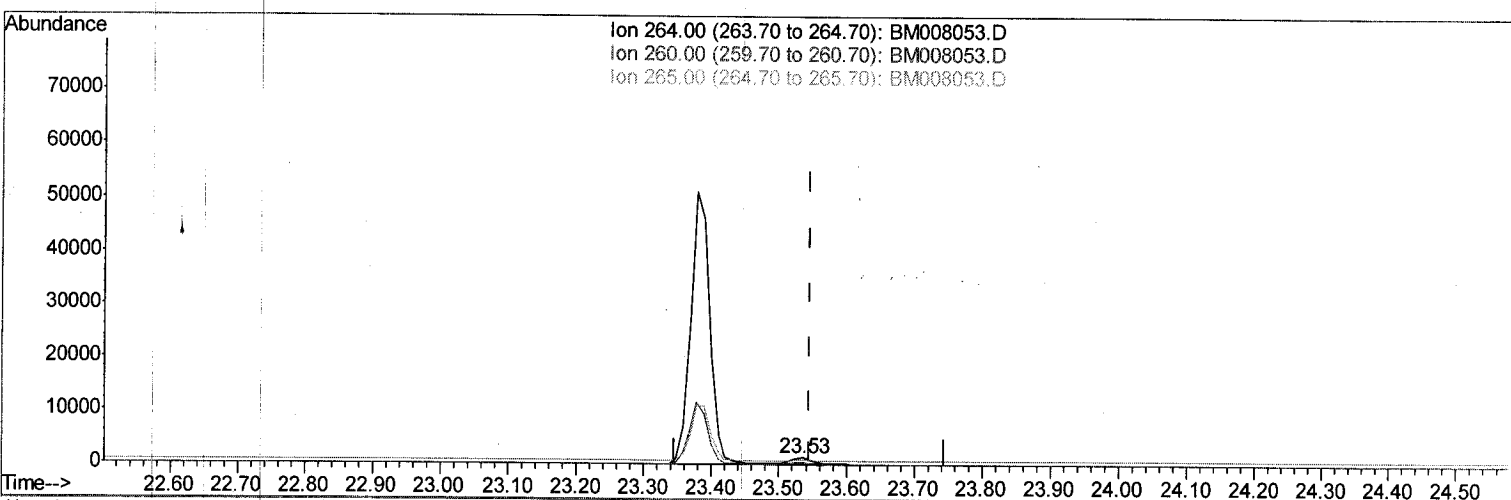
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(20) Perylene-d12 (I)

23.535min (-0.010) 0.40ng/ul m

response 2154

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.40
265.00	103.50	71.32#
0.00	0.00	0.00

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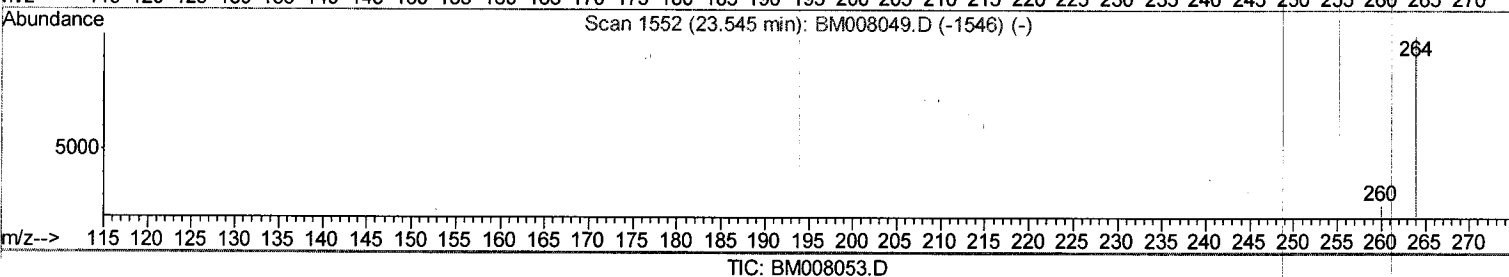
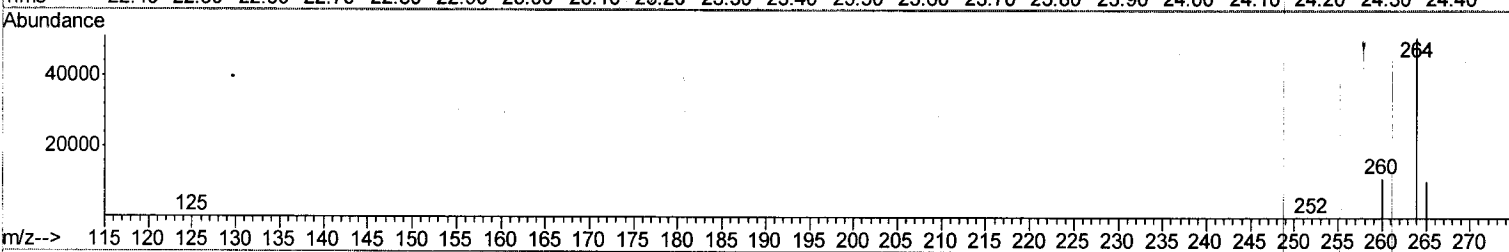
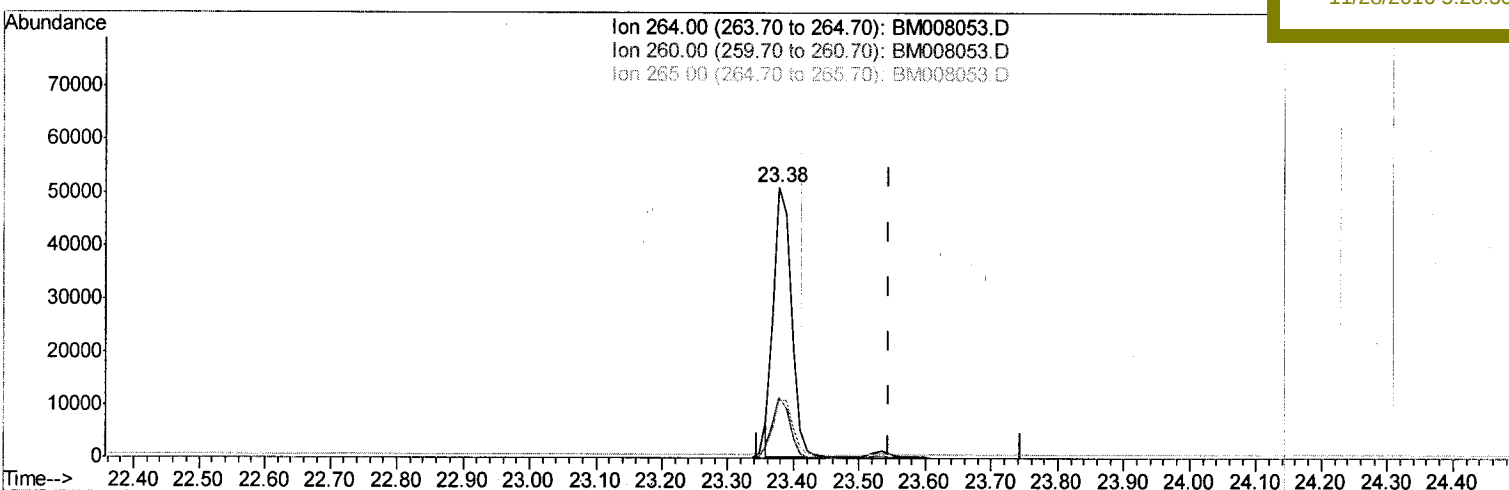
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(20) Perylene-d12 (I)

23.378min (-0.167) 0.40ng/ul

response 94544

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.69#
265.00	103.50	21.35#
0.00	0.00	0.00

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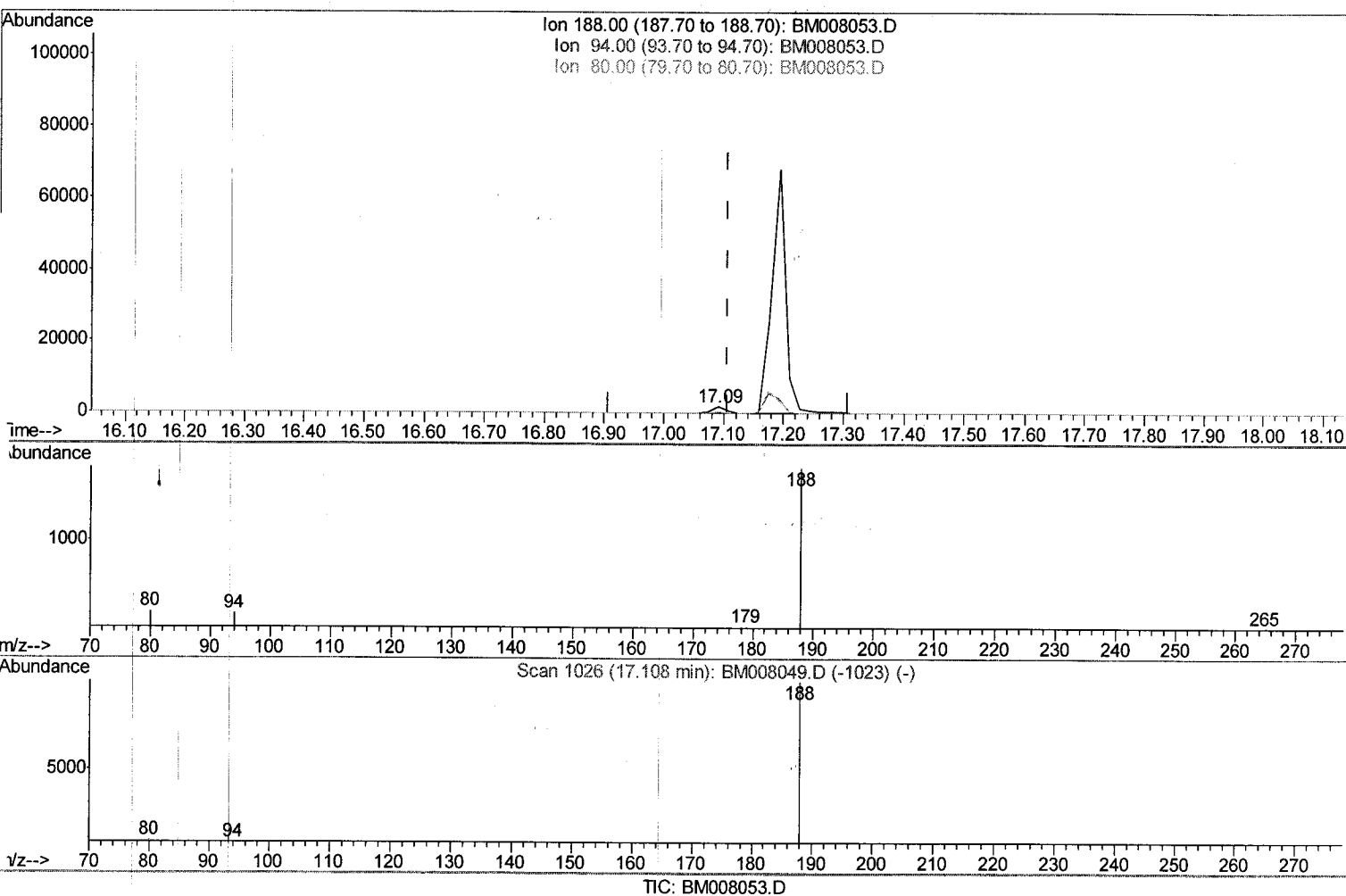
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 JHSR2

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:28:30 PM

Quant Time: Nov 24 04:13:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 2854

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.20
80.00	11.80	12.16
0.00	0.00	0.00

S.J.
 11/29/16

Quantitation Report (Qedit)

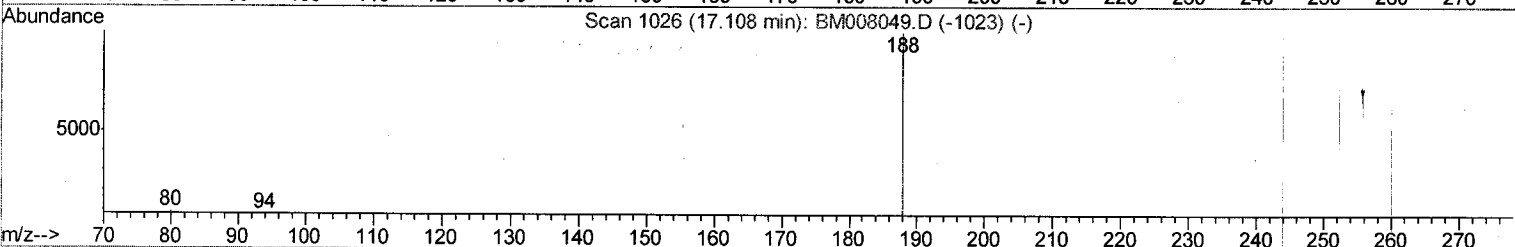
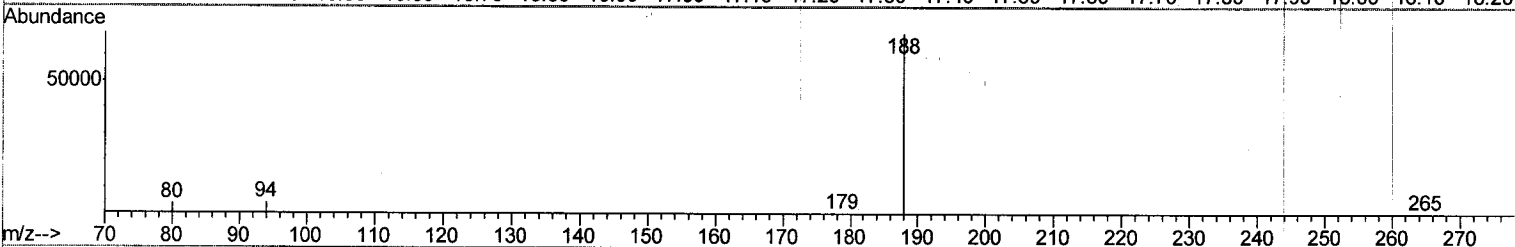
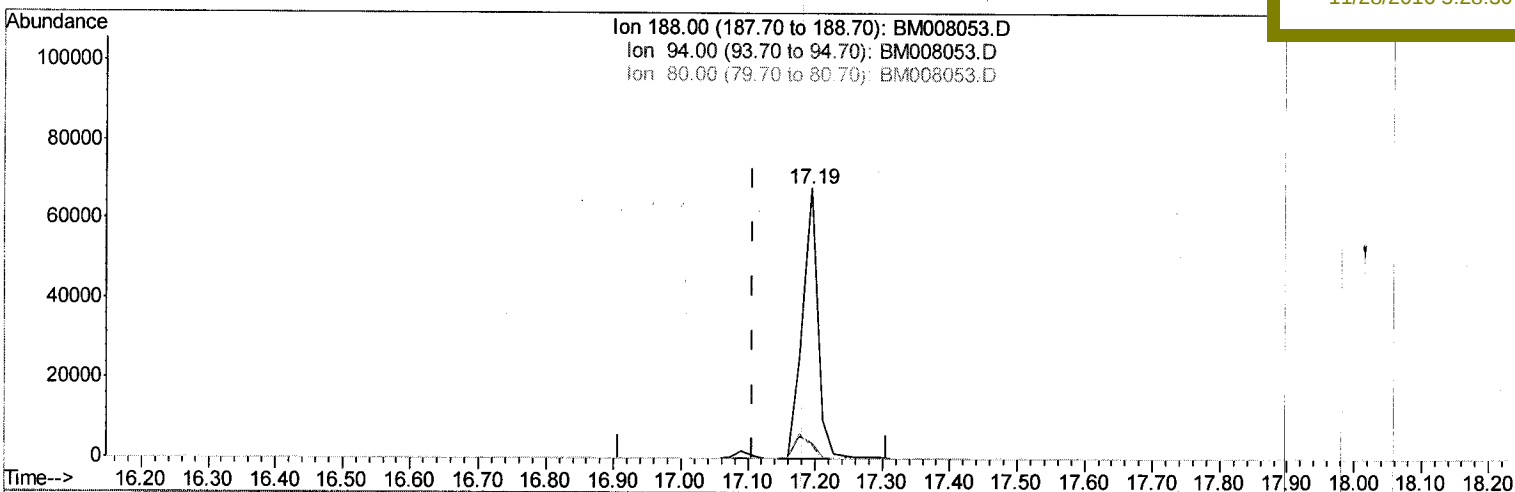
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008053.D
 Acq On : 24 Nov 2016 02:36
 Operator : UM/SJ
 Sample : H5694-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR2

Quant Time: Nov 24 04:13:54 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM008053.D

(10) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 107633

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.14#
80.00	11.80	5.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008053.D
 Acq On : 24 Nov 2016 02:36
 Operator : UM/SJ
 Sample : H5694-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 JHSR2

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:28:30 PM

Quant Time: Nov 24 04:35:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	679	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2301	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1395	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2854m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2684	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2154m	0.40	ng/ul	-0.01

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	588	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	1381	0.17	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	353	0.05	ng/ul#	62
5) 2-Methylnaphthalene	12.17	142	264	0.06	ng/ul	96
12) Phenanthrene	17.12	178	1107m	0.12	ng/ul	
15) Fluoranthene	19.16	202	2381	0.21	ng/ul	99
17) Pyrene	19.52	202	2744	0.29	ng/ul	98
18) Benzo(a)anthracene	21.27	228	1360	0.17	ng/ul#	88
19) Chrysene	21.32	228	1695	0.17	ng/ul#	90
21) Benzo(b)fluoranthene	22.86	252	2646m	0.31	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	706m	0.08	ng/ul	
23) Benzo(a)pyrene	23.42	252	1459m	0.18	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	1282m	0.13	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	1211m	0.14	ng/ul	

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 11/29/16

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