

Quantitation Report (Qedit)

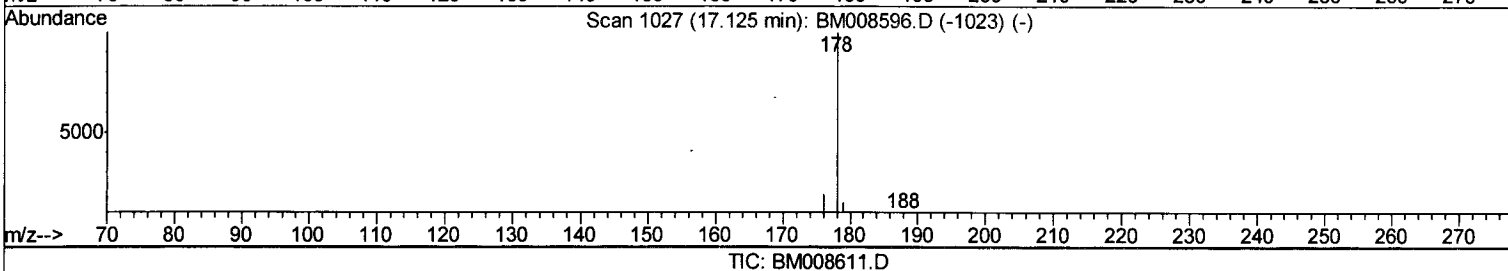
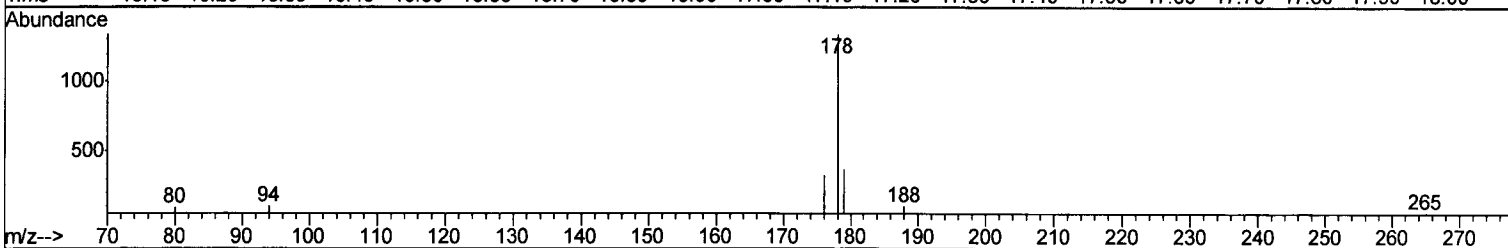
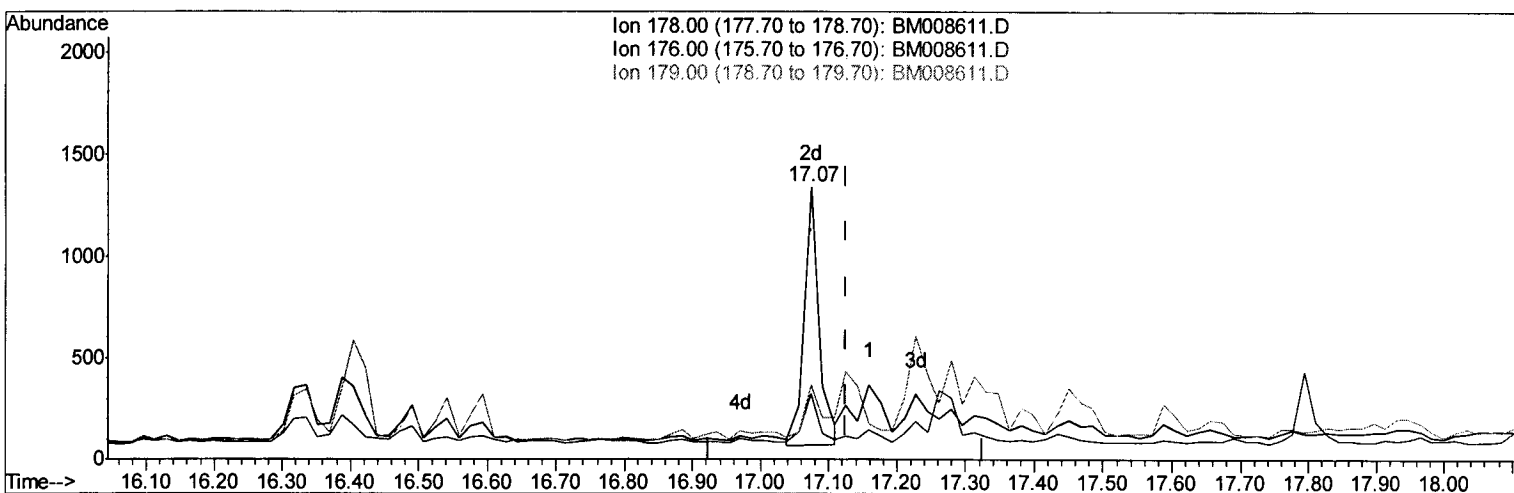
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008611.D
 Acq On : 24 Dec 2016 00:28
 Operator : UM/SJ
 Sample : H5995-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA869

Manual Integrations
 APPROVED

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Quant Time: Dec 24 01:20:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 23:37:39 2016
 Response via : Initial Calibration



TIC: BM008611.D

(12) Phenanthrene

17.073min (-0.051) 0.21ng/ul m) S.T.

response 1908

12/27/2016

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	24.27
179.00	17.00	27.18#
0.00	0.00	0.00

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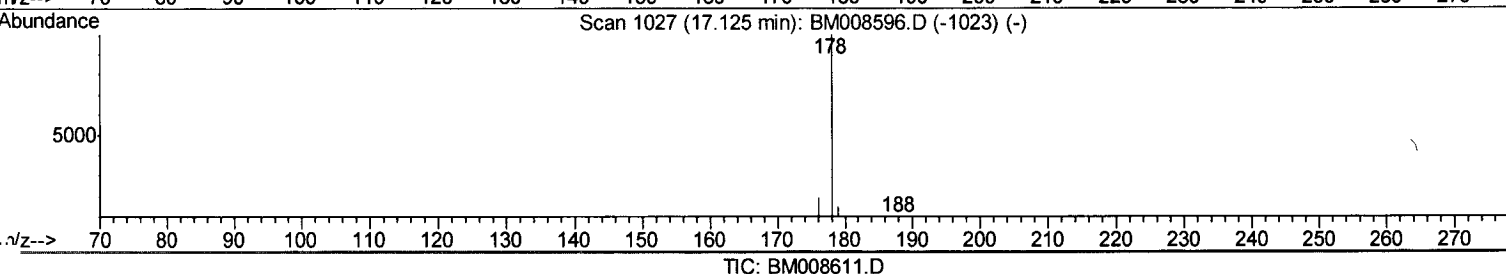
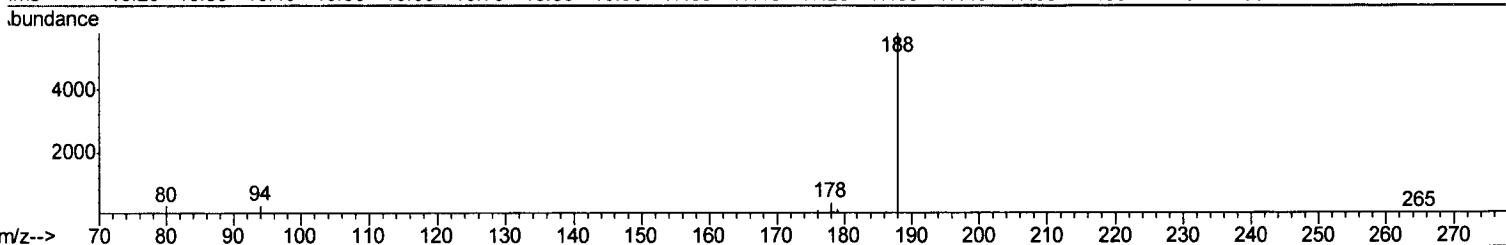
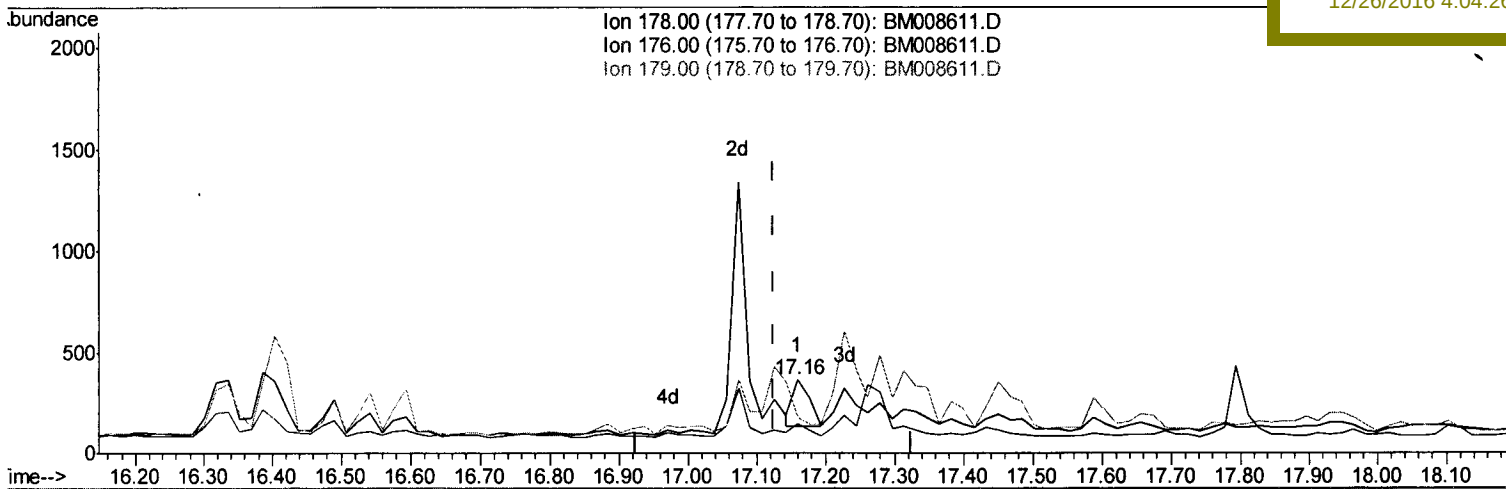
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(12) Phenanthrene

17.159min (+0.034) 0.04ng/ul

response 389

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	39.13#
179.00	17.00	47.55#
0.00	0.00	0.00

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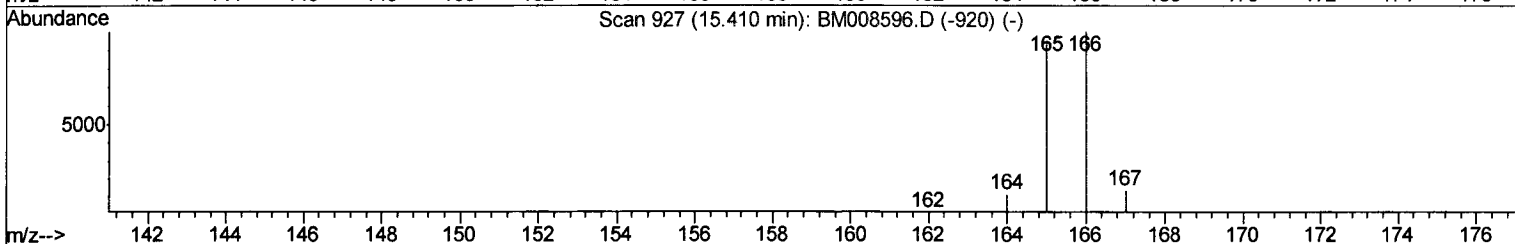
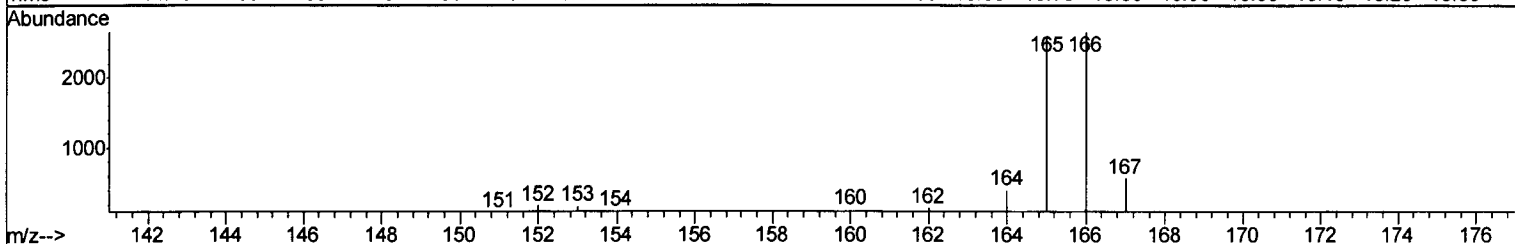
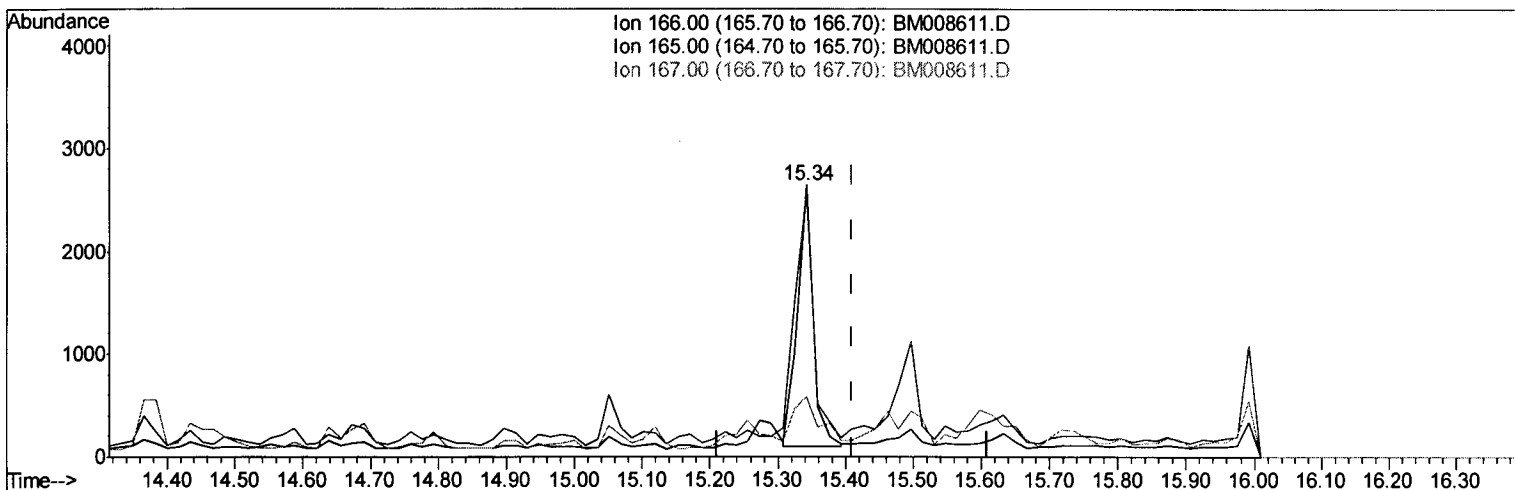
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TIC: BM008611.D

(9) Fluorene

15.342min (-0.068) 0.75ng/ul m > S.J.
 response 4079
 12/27/2016

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	97.43
167.00	18.30	21.67
0.00	0.00	0.00

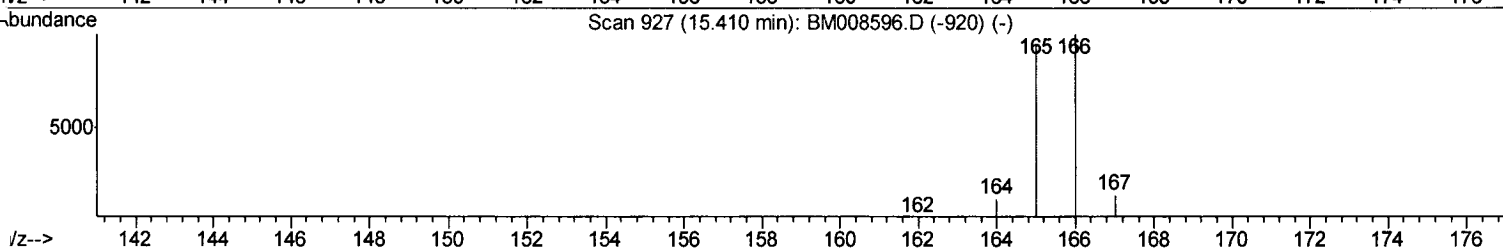
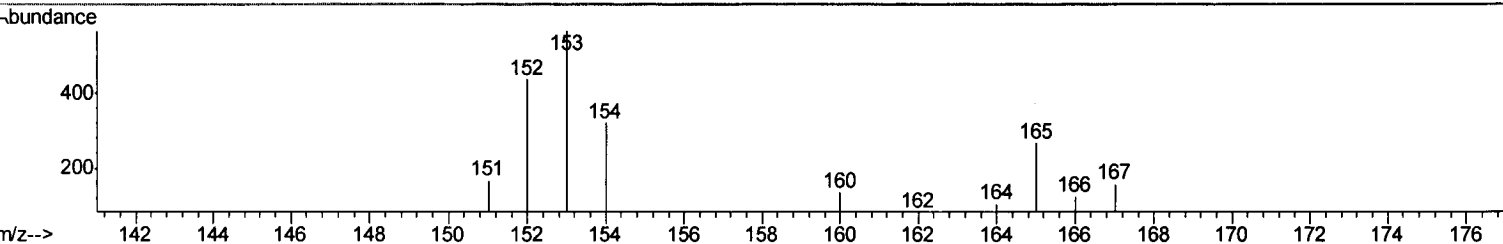
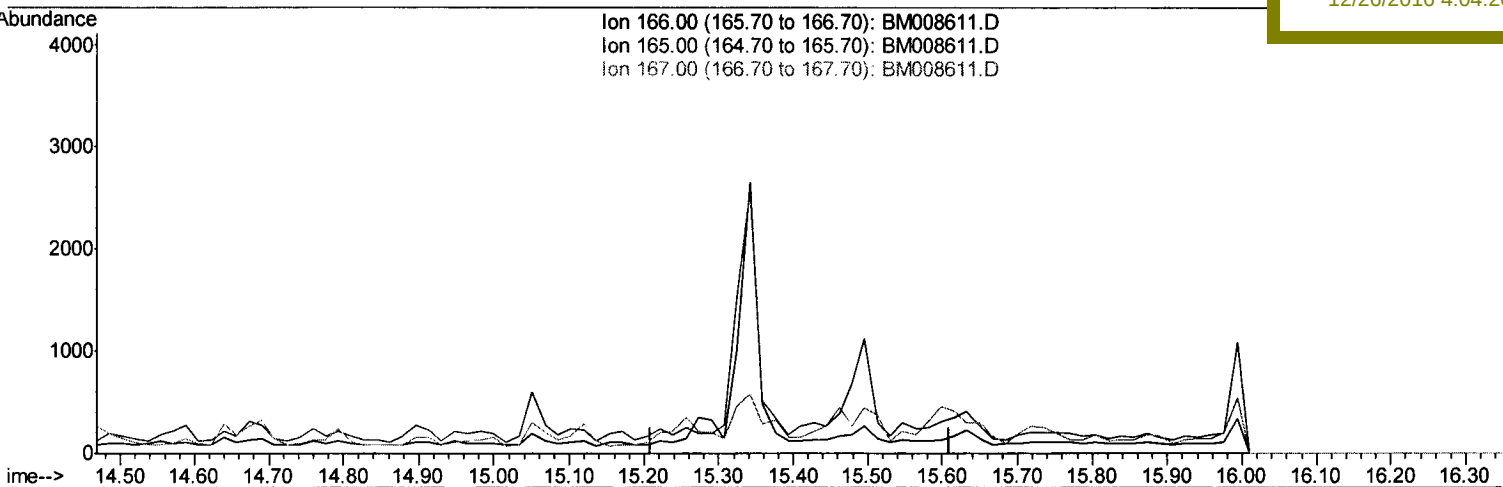
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(9) Fluorene

15.410min (-15.410) 0.00ng/ul

response 0

Ion	Exp%	Act%
166.00	100	0.00
165.00	91.80	0.00#
167.00	18.30	0.00#
0.00	0.00	0.00

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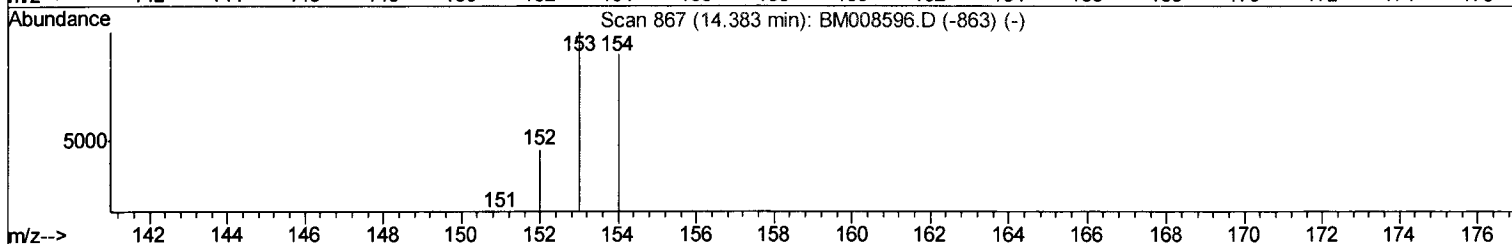
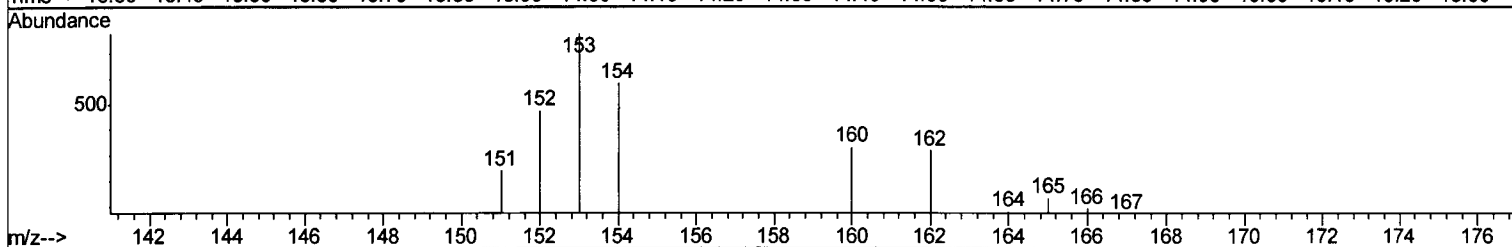
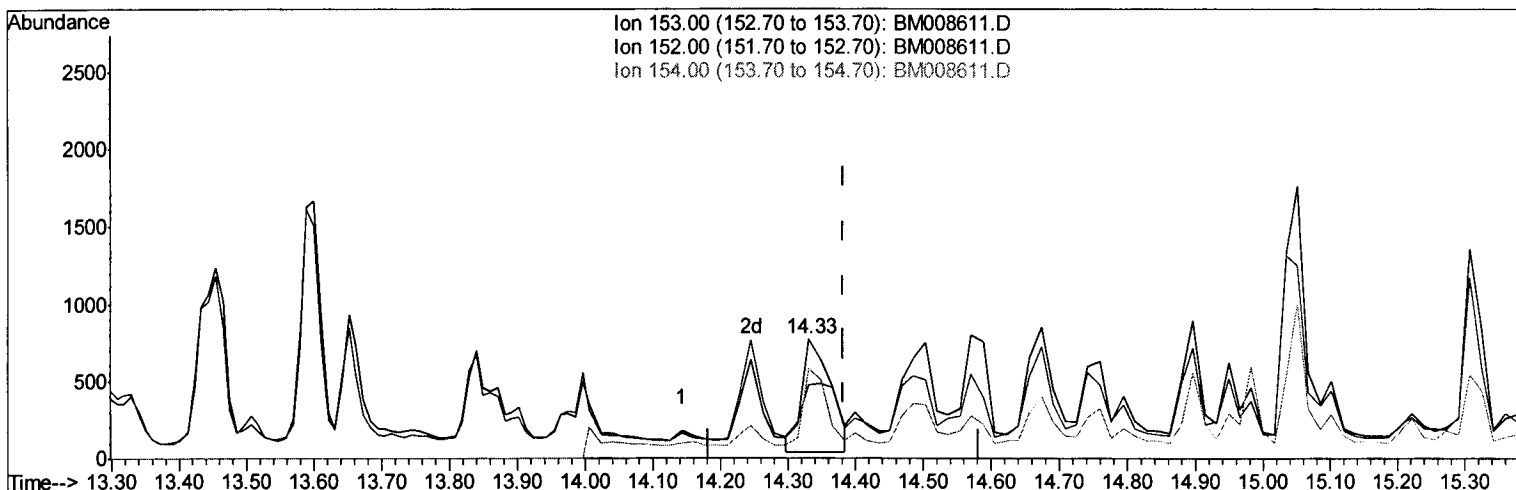
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(8) Acenaphthene (C)

14.331min (-0.051) 0.45ng/ul m

response 2157

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	61.37#
154.00	89.30	75.19
0.00	0.00	0.00

S.S.
 12/27/2016

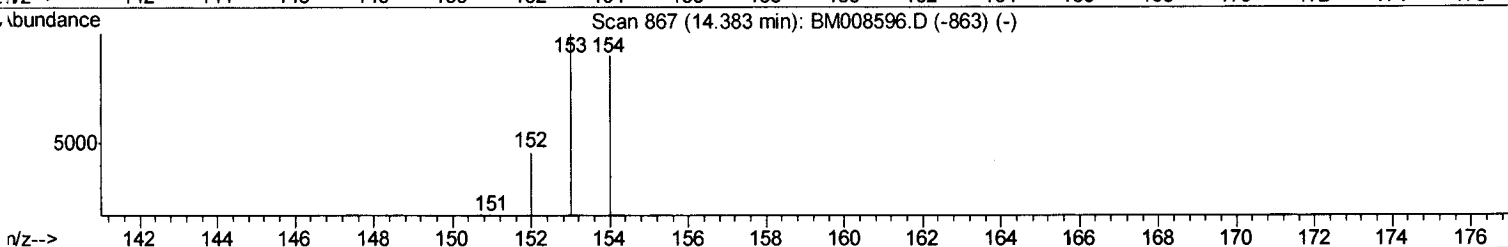
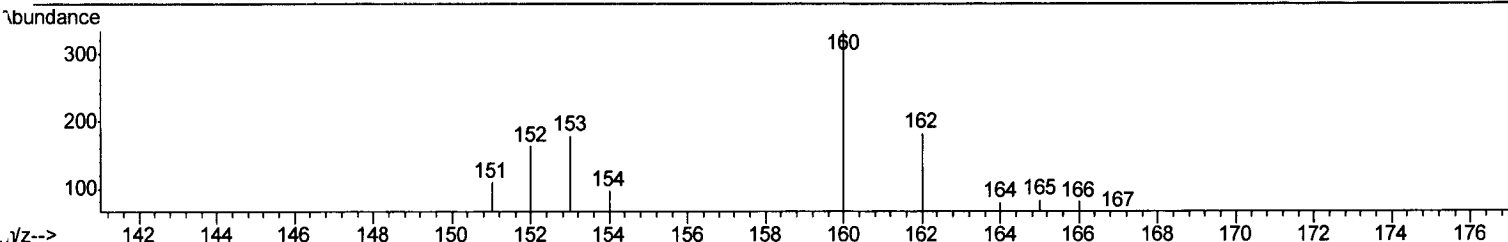
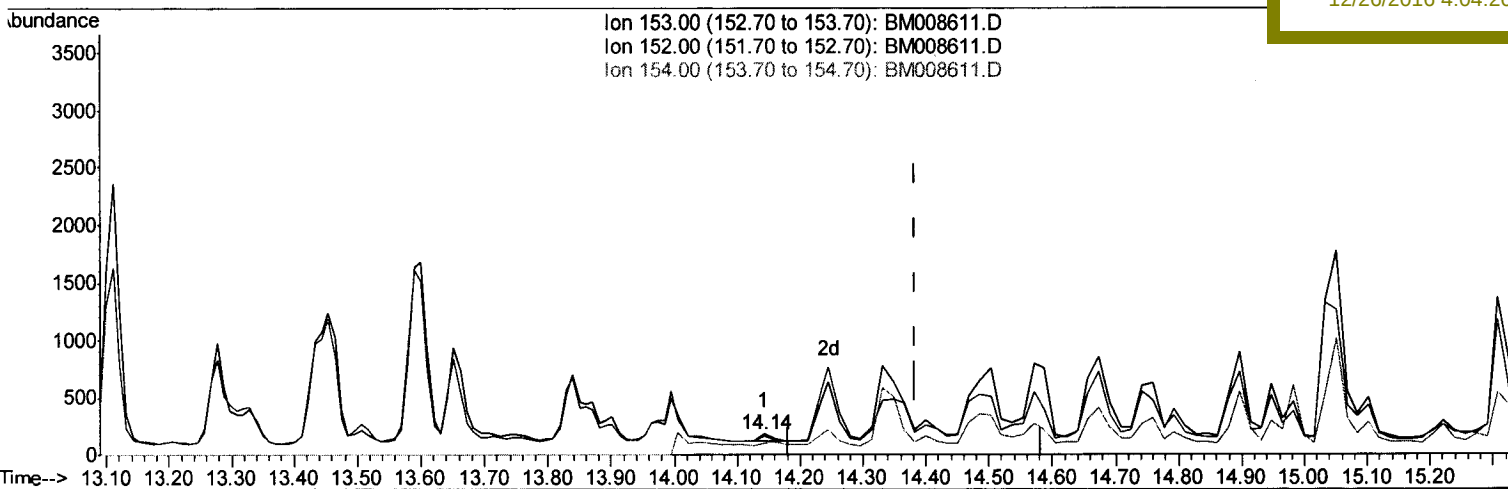
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TIC: BM008611.D

(8) Acenaphthene (C)

14.143min (-0.240) 0.02ng/ul

response 91

Ion	Exp%	Act%
153.00	100	100
152.00	50.40	91.57#
154.00	89.30	54.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

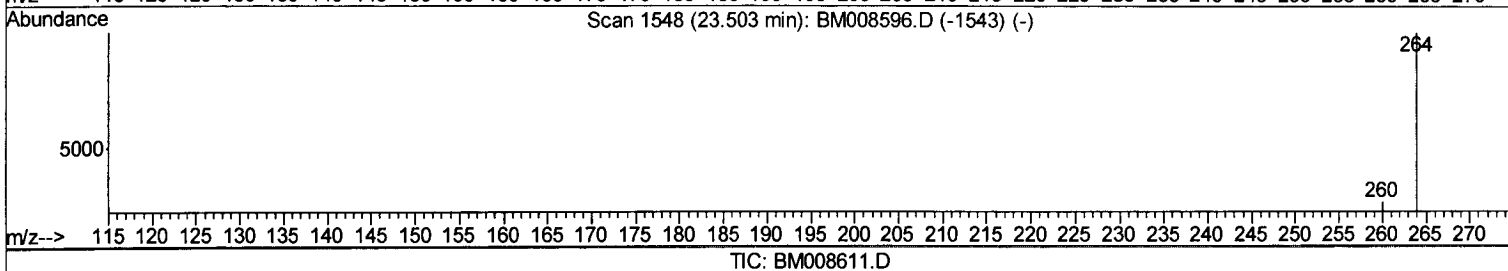
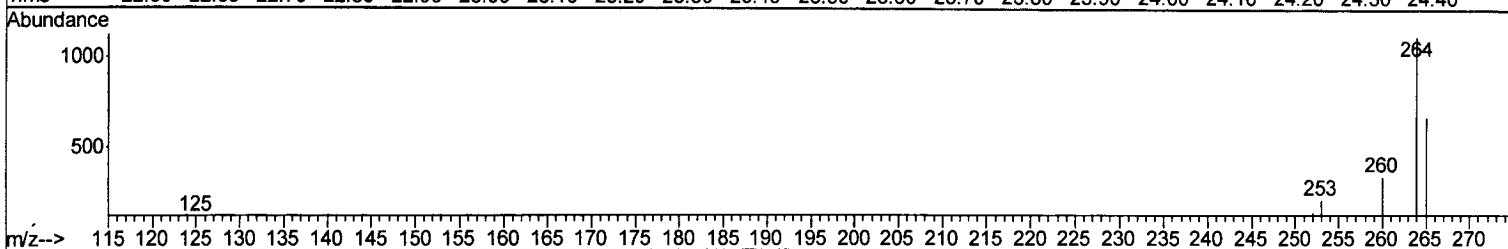
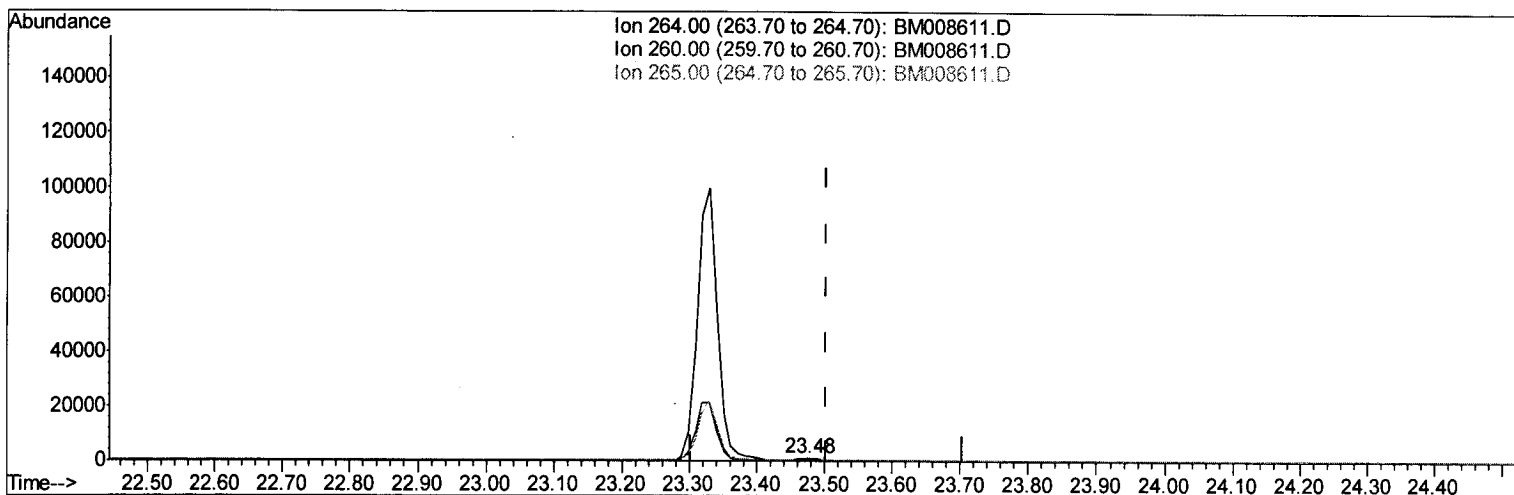
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(20) Perylene-d12 (I)

23.476min (-0.028) 0.40ng/ul m

response 1872

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.92
265.00	103.50	59.57#
0.00	0.00	0.00

50
 12/27/2016

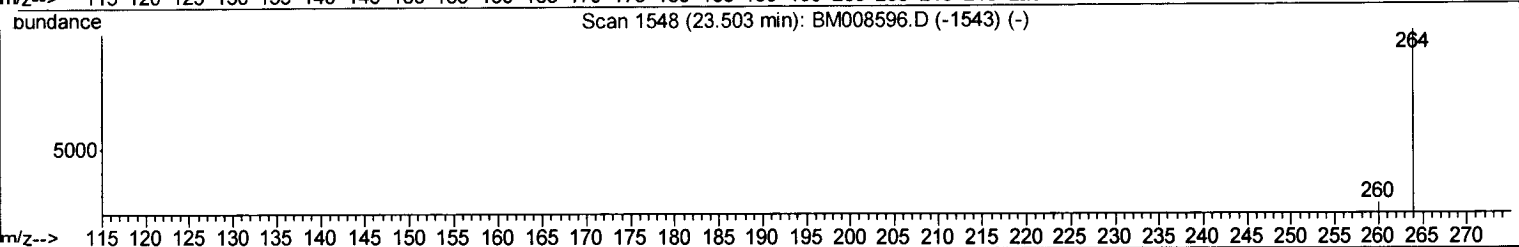
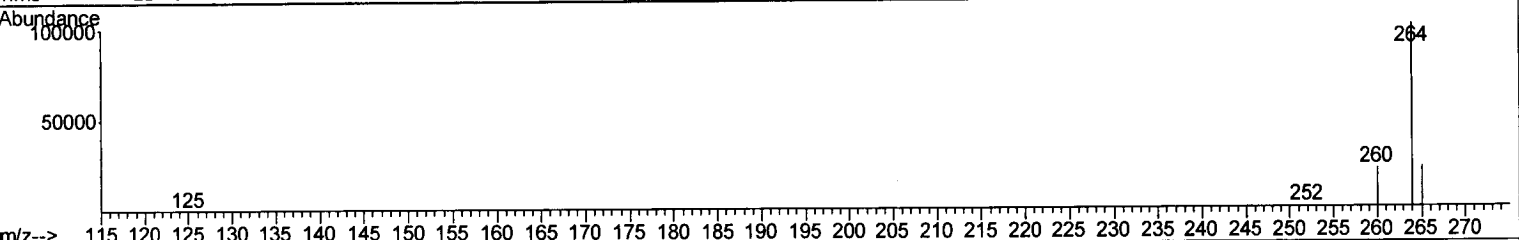
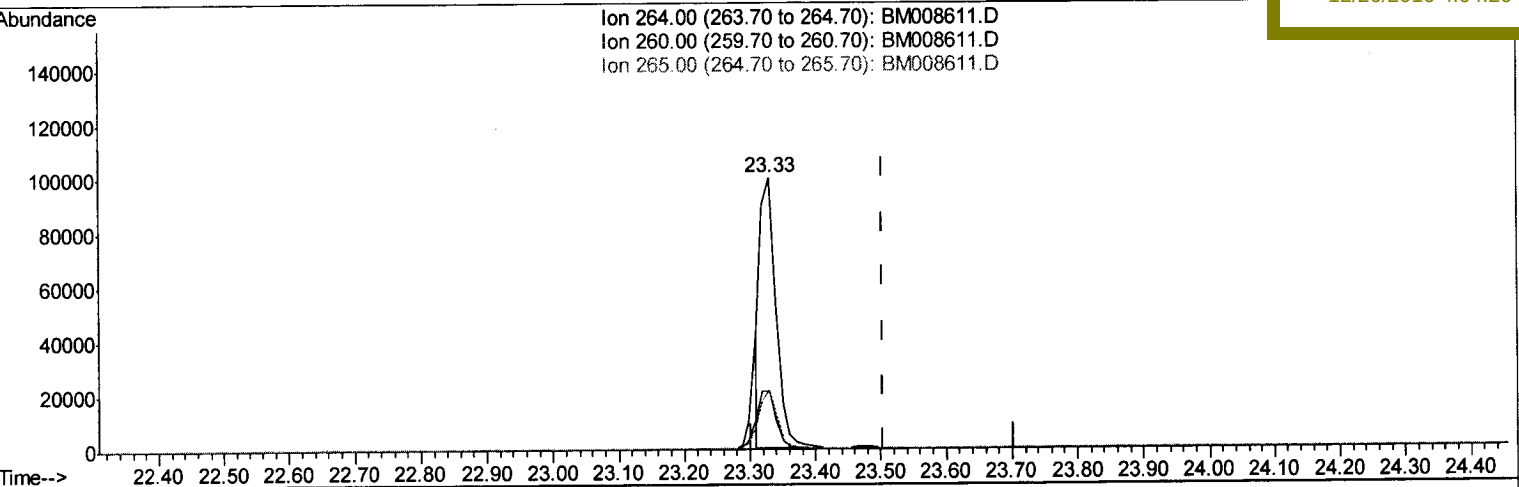
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TIC: BM008611.D

(20) Perylene-d12 (I)

23.330min (-0.174) 0.40ng/ul

response 168763

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.27#
265.00	103.50	21.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

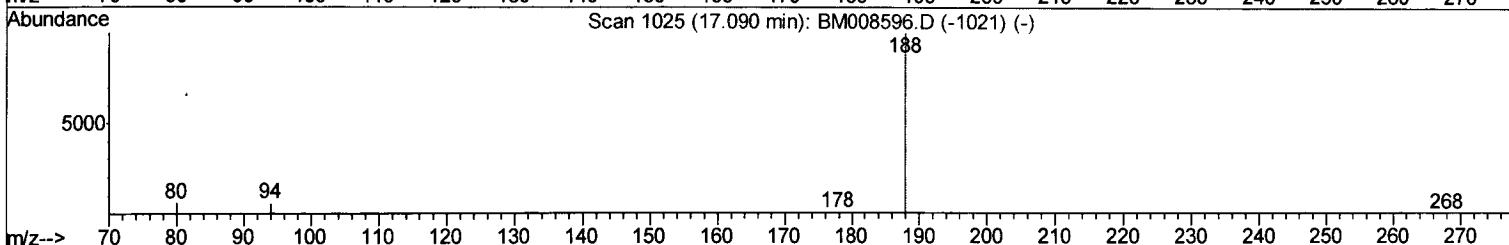
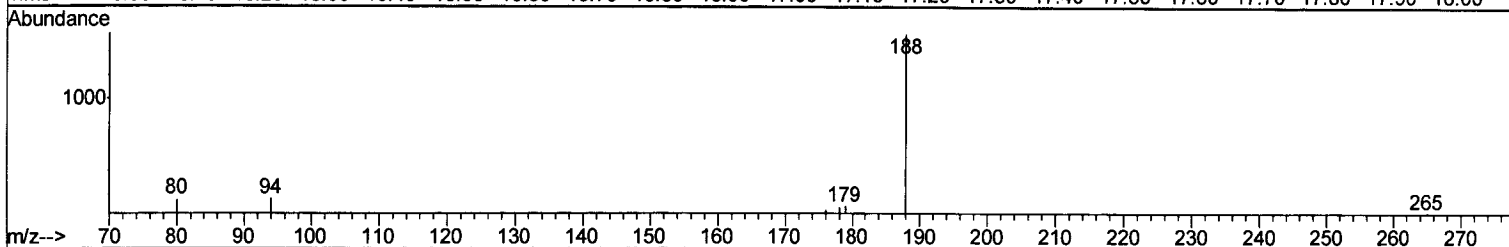
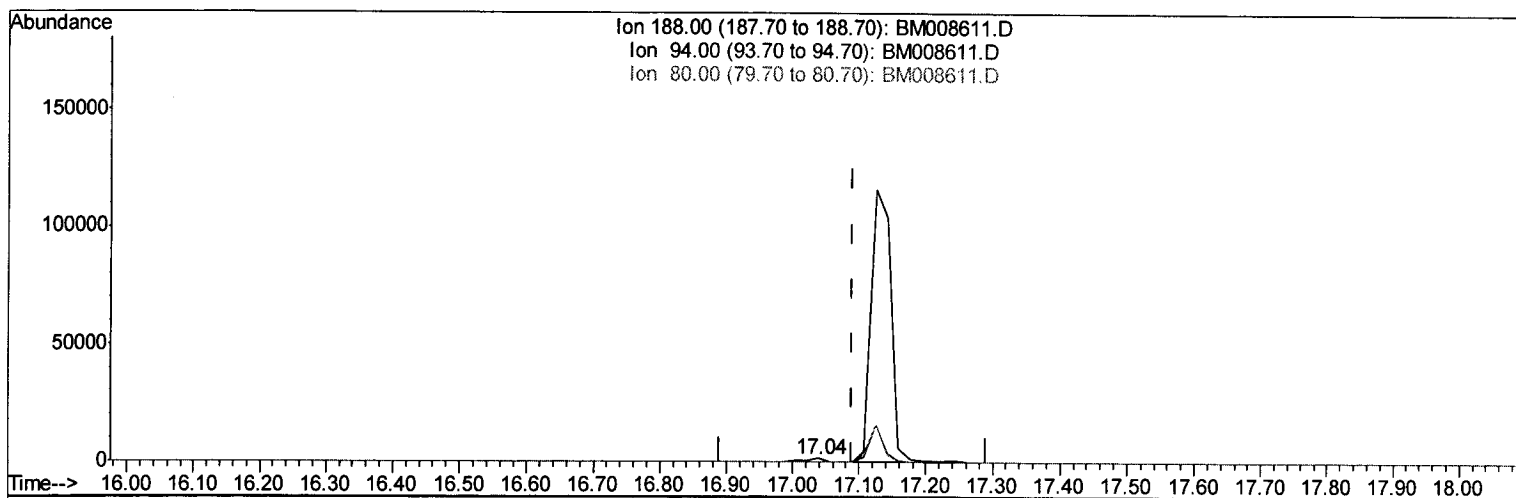
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Manual Integrations
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TIC: BM008611.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 2936

SJ
 12/27/2016

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.78
80.00	11.80	10.52
0.00	0.00	0.00

Quantitation Report (Qedit)

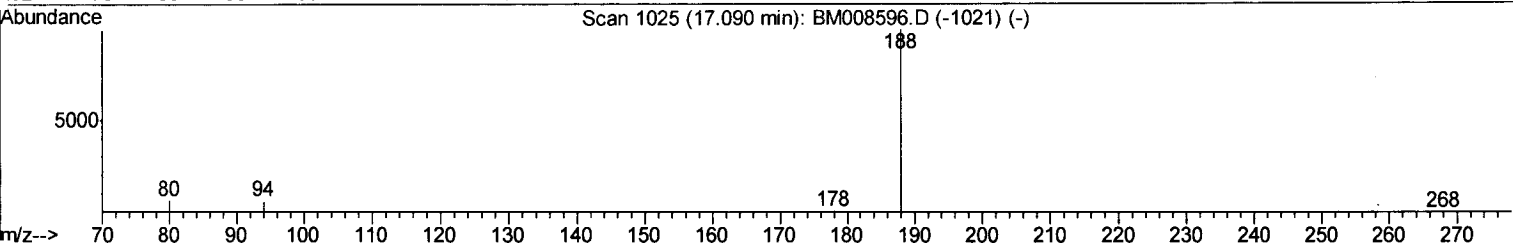
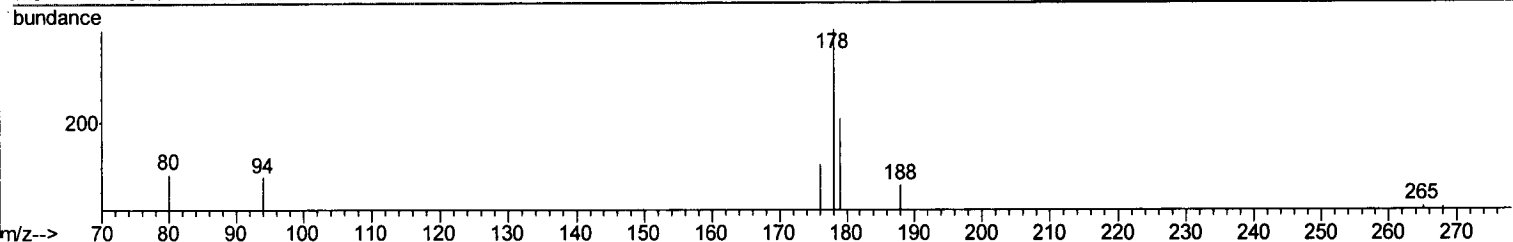
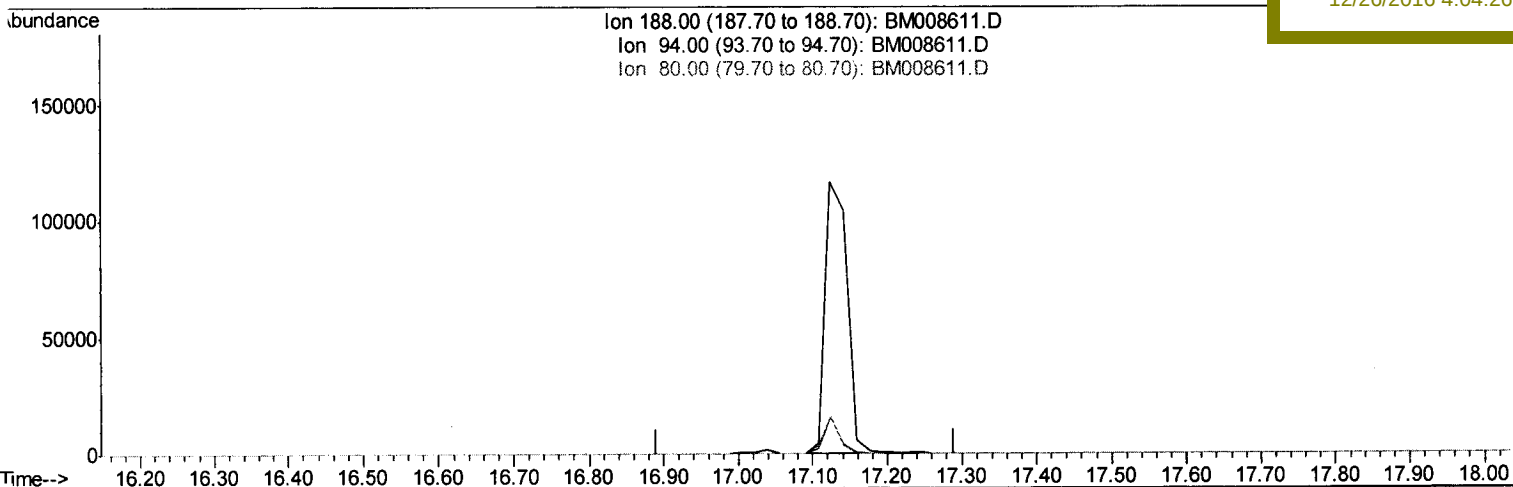
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TIC: BM008611.D

(10) Phenanthrene-d10 (I)

17.090min (-17.090) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

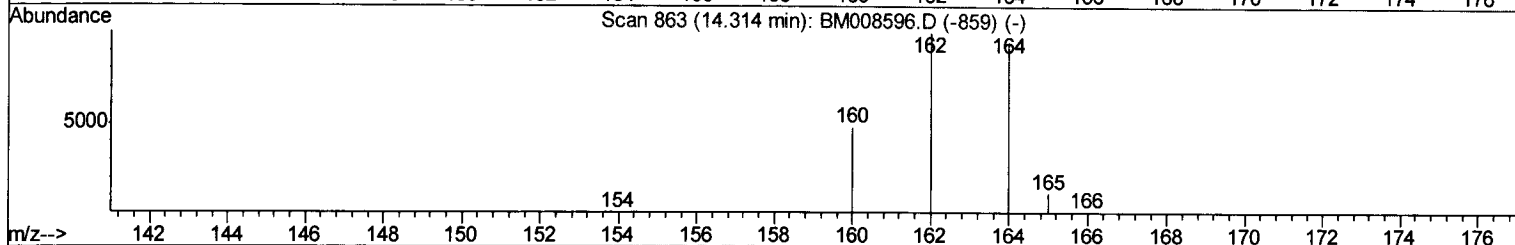
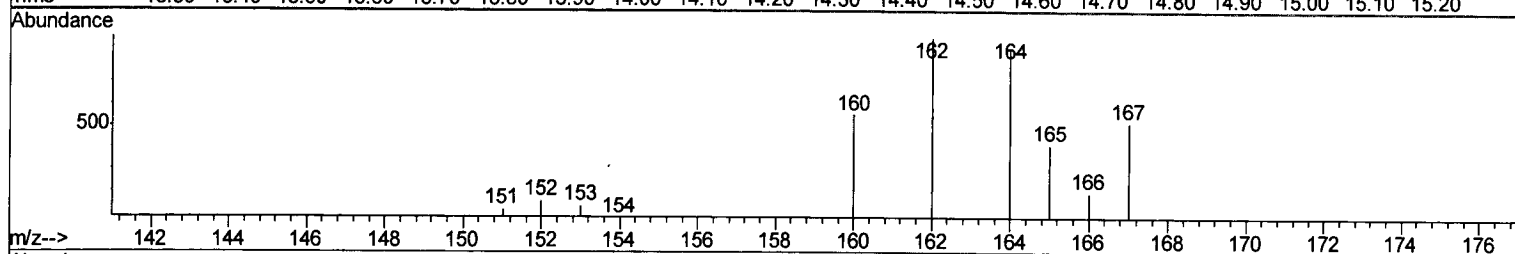
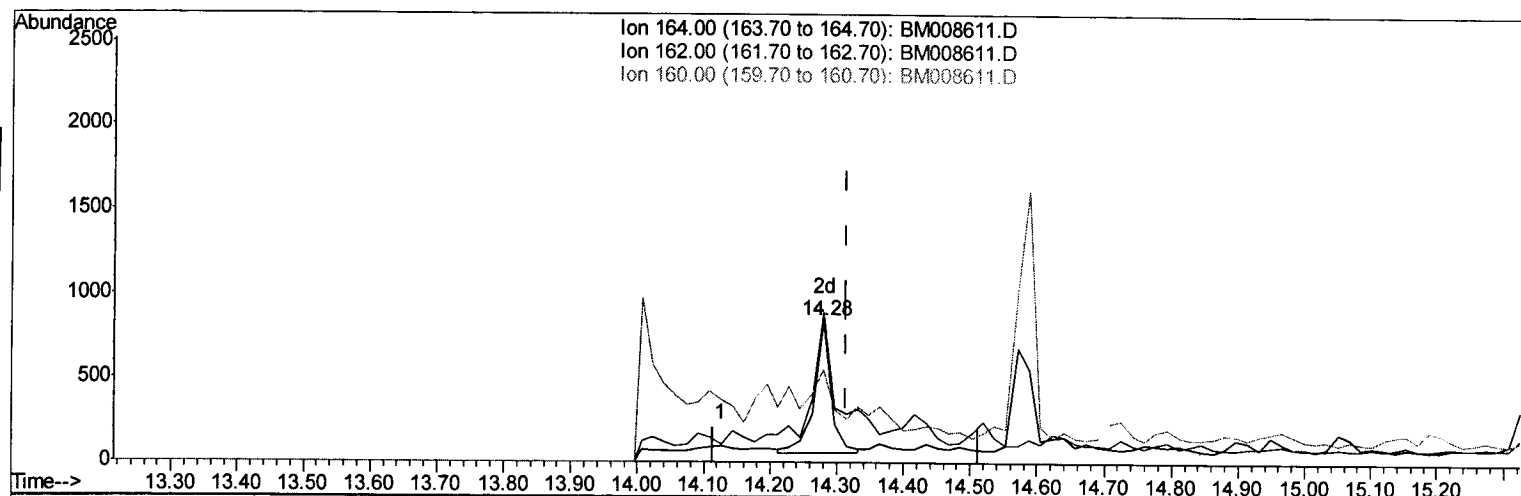
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(6) Acenaphthene-d10 (I)

14.280min (-0.034) 0.40ng/ul m

response 1398

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	105.88
160.00	48.80	65.06#
0.00	0.00	0.00

> 35.
 12/27/2016

Quantitation Report (Qedit)

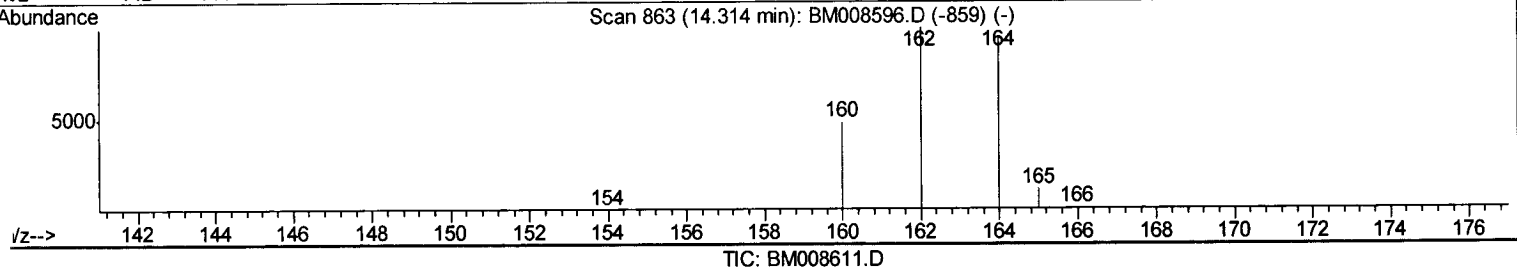
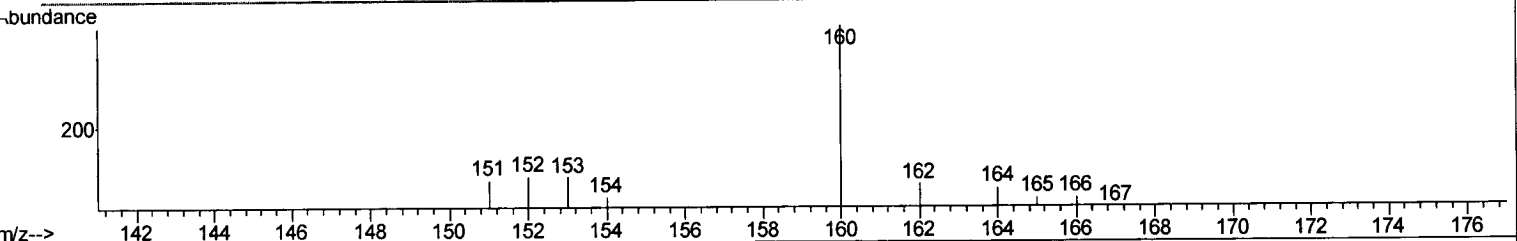
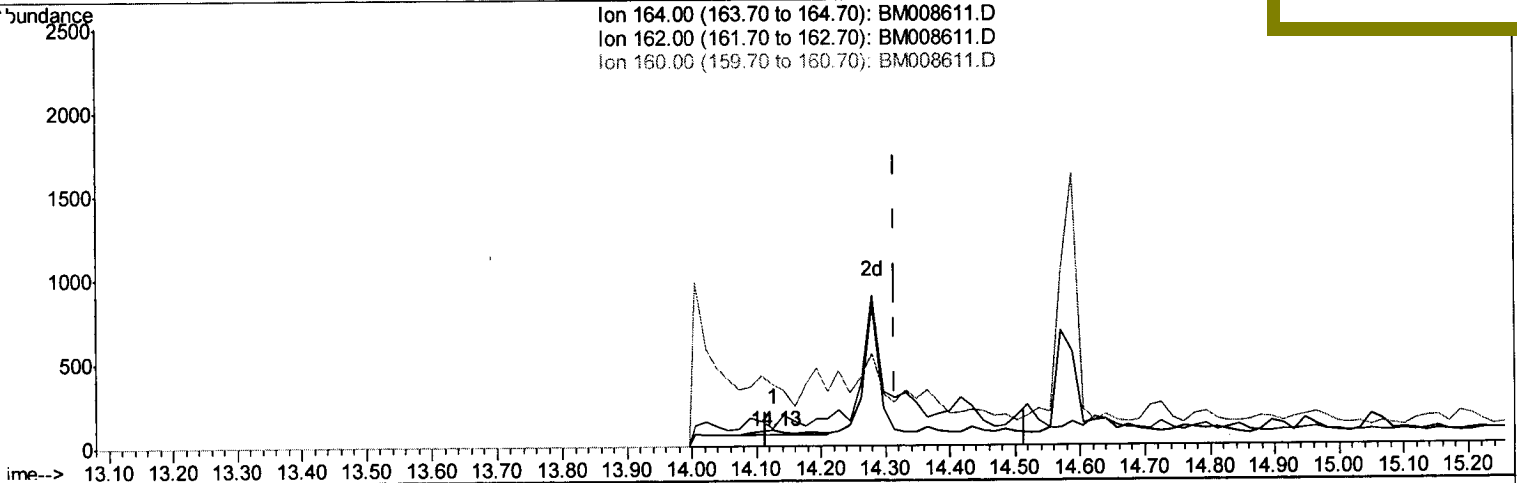
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(6) Acenaphthene-d10 (I)

14.126min (-0.188) 0.40ng/ul

response 94

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	107.45
160.00	48.80	395.74#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	523	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1777	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	1398m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	2936m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	2057	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1872m	0.40	ng/ul	-0.03

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	1265	0.46	ng/ul	-0.09
14) Fluoranthene-d10	19.09	212	2749	0.34	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	14950	2.99	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	13814	4.11	ng/ul	97
8) Acenaphthene	14.33	153	2157m	0.45	ng/ul	
9) Fluorene	15.34	166	4079m	0.75	ng/ul	
12) Phenanthrene	17.07	178	1908m	0.21	ng/ul	
15) Fluoranthene	19.11	202	348	0.03	ng/ul#	50

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

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