

Quantitation Report (Qedit)

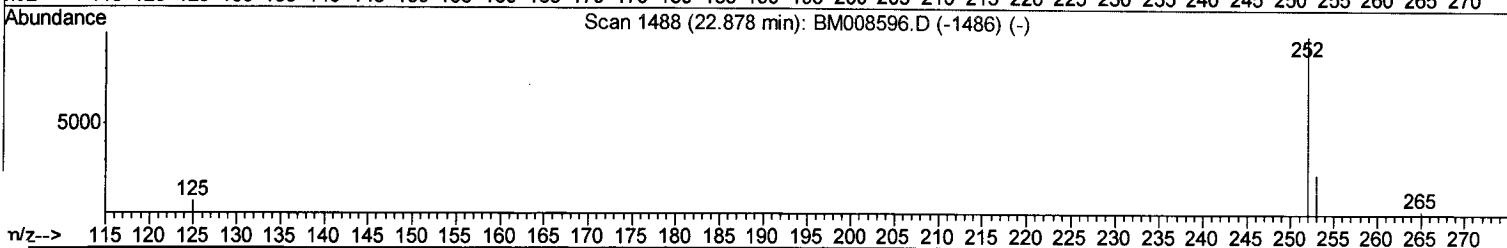
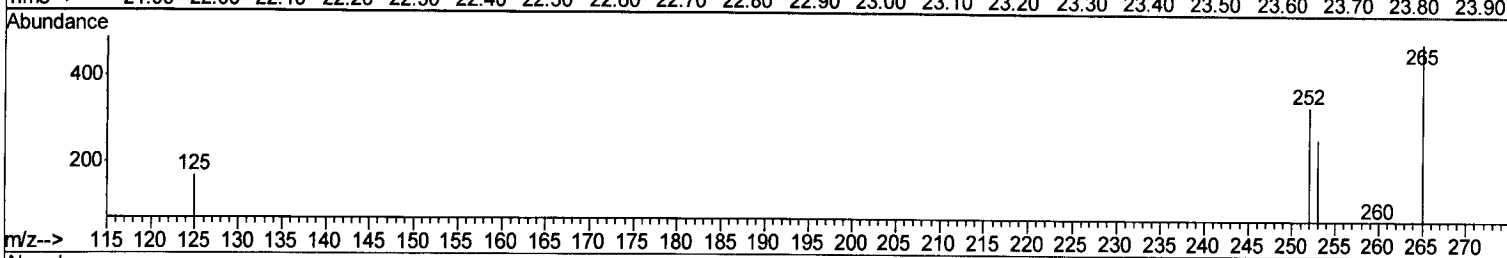
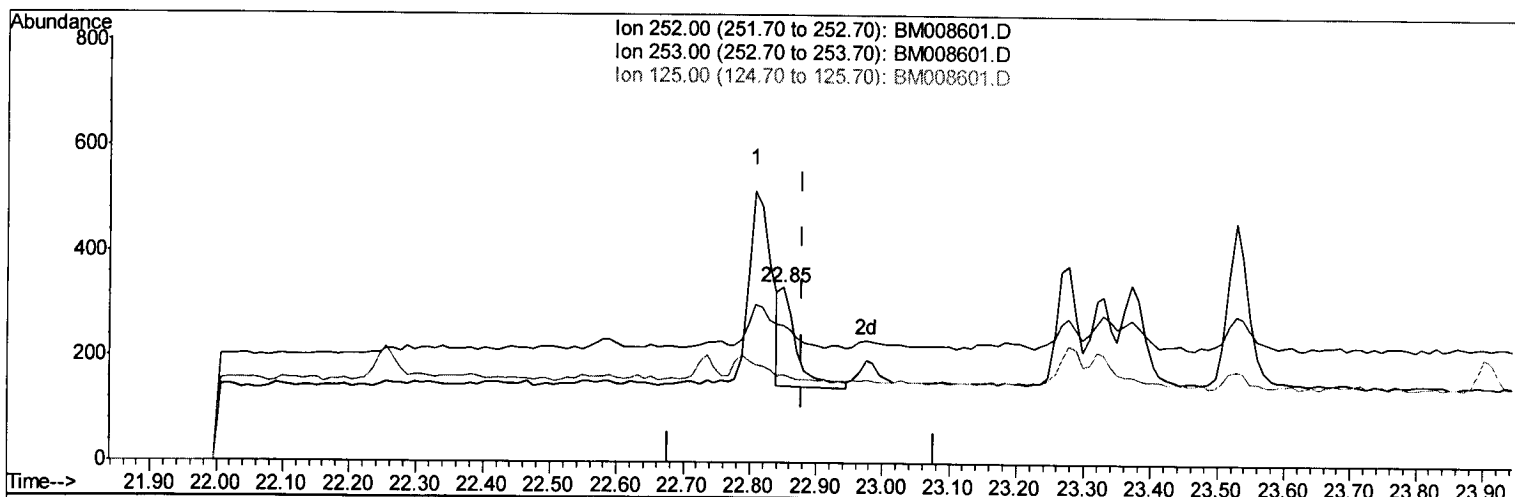
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008601.D
 Acq On : 23 Dec 2016 18:32
 Operator : UM/SJ
 Sample : H6040-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X2

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:18 PM

Quant Time: Dec 24 00:02:03 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: BM008601.D

(22) Benzo(k)fluoranthene

22.850min (-0.028) 0.05ng/ul m

response 317

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	78.21#
125.00	17.10	49.85#
0.00	0.00	0.00

55.
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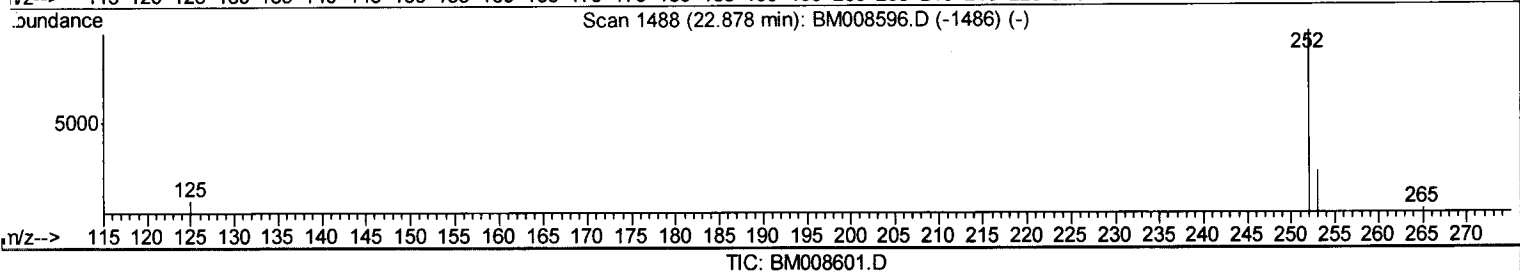
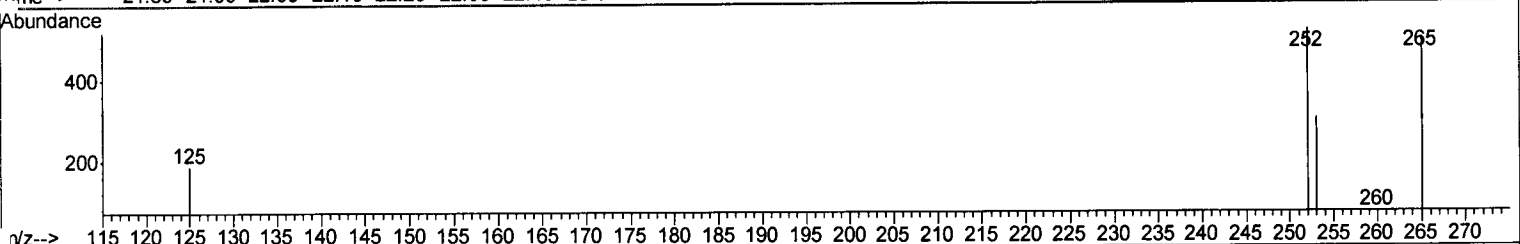
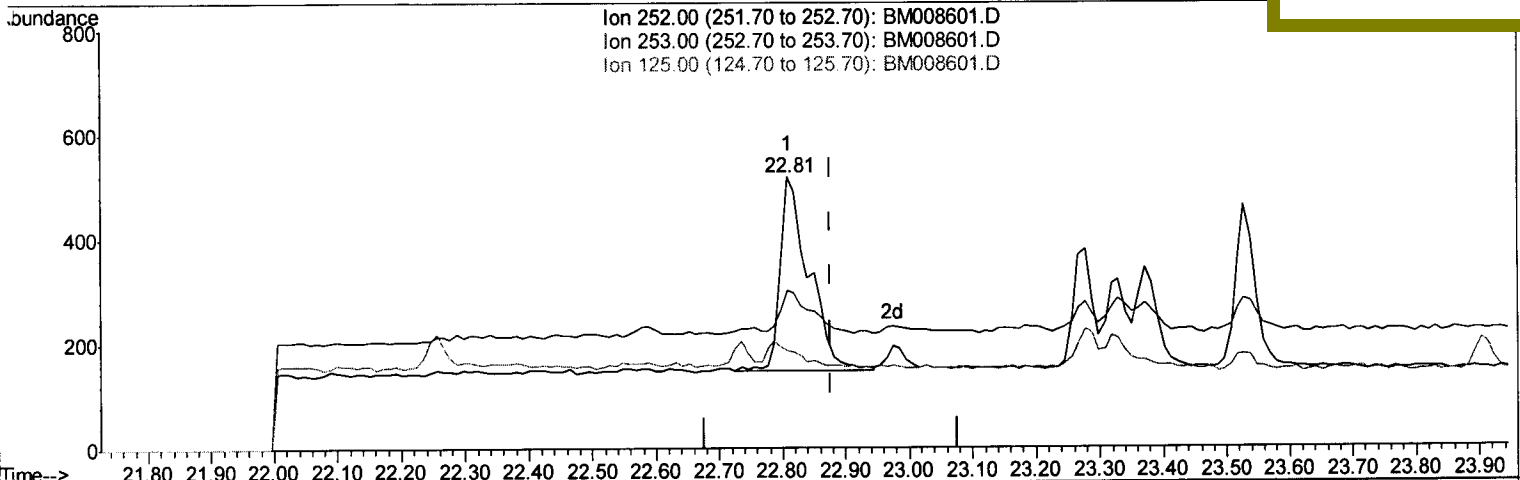
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(22) Benzo(k)fluoranthene

22.808min (-0.070) 0.20ng/ul

response 1180

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	58.11#
125.00	17.10	36.10#
0.00	0.00	0.00

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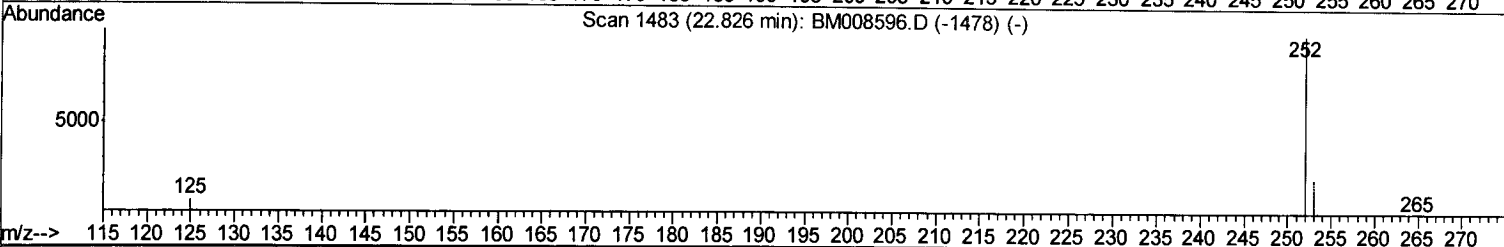
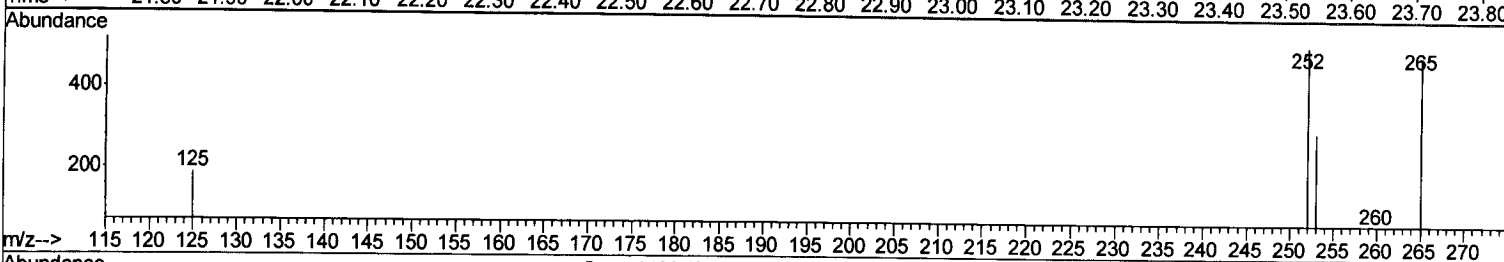
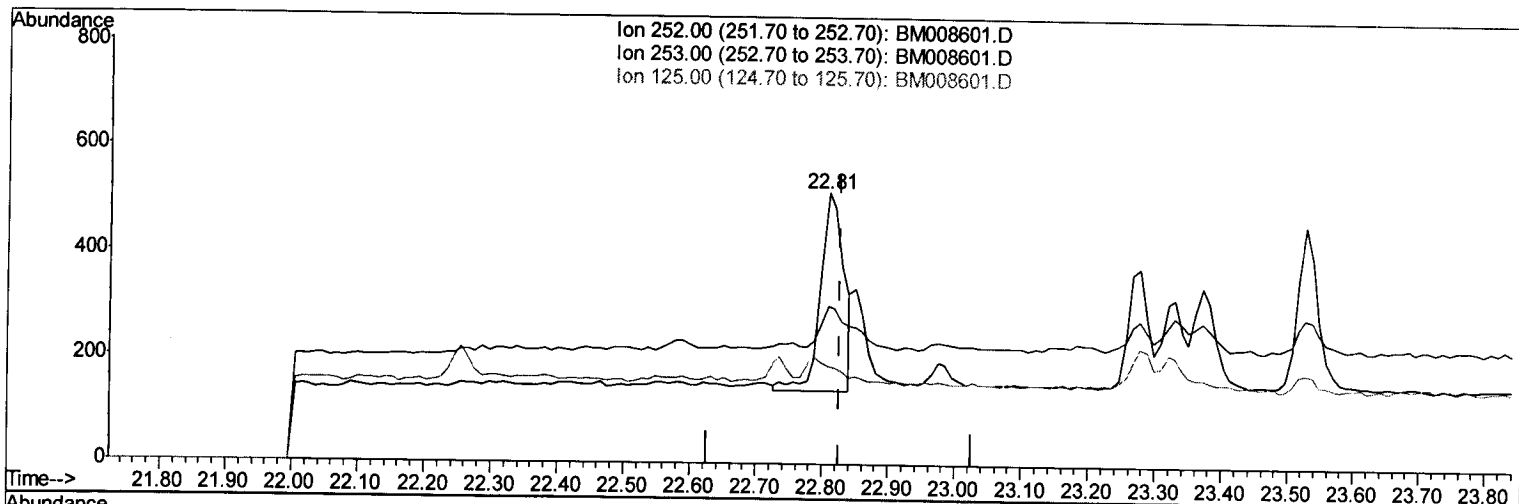
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TIC: BM008601.D

(21) Benzo(b)fluoranthene

22.808min (-0.018) 0.16ng/ul m

response 957

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	58.11
125.00	17.50	36.10#
0.00	0.00	0.00

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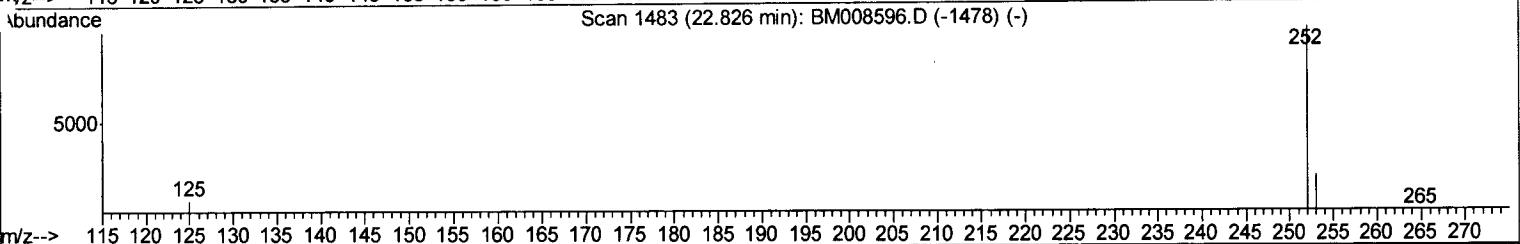
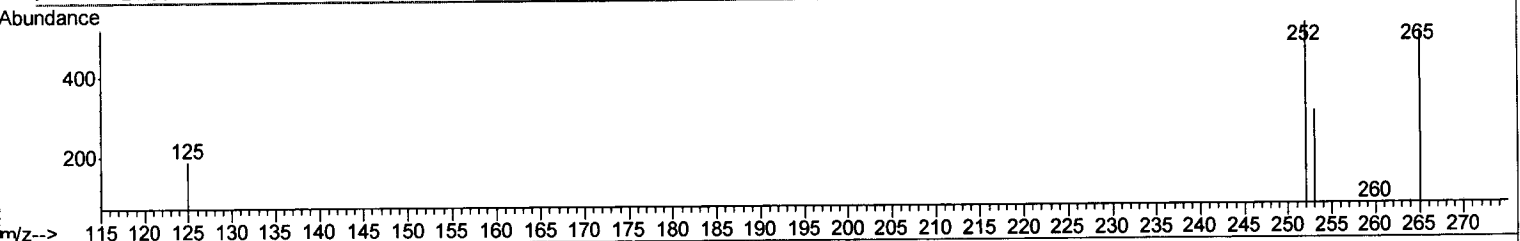
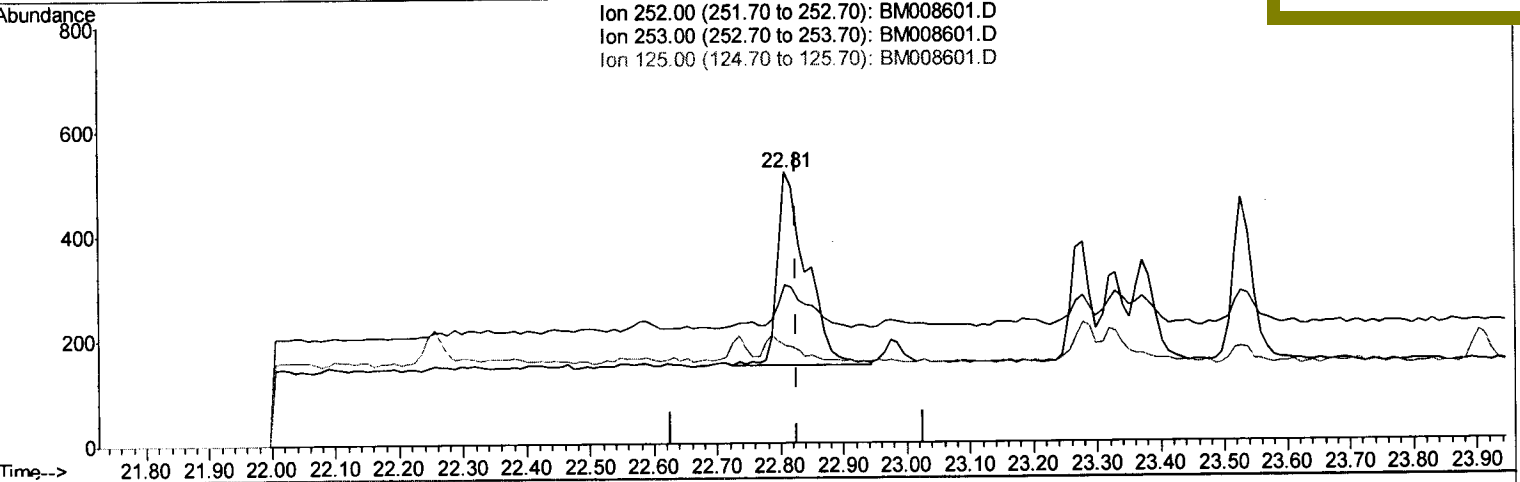
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(21) Benzo(b)fluoranthene
 22.808min (-0.018) 0.19ng/ul
 response 1180

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	58.11
125.00	17.50	36.10#
0.00	0.00	0.00

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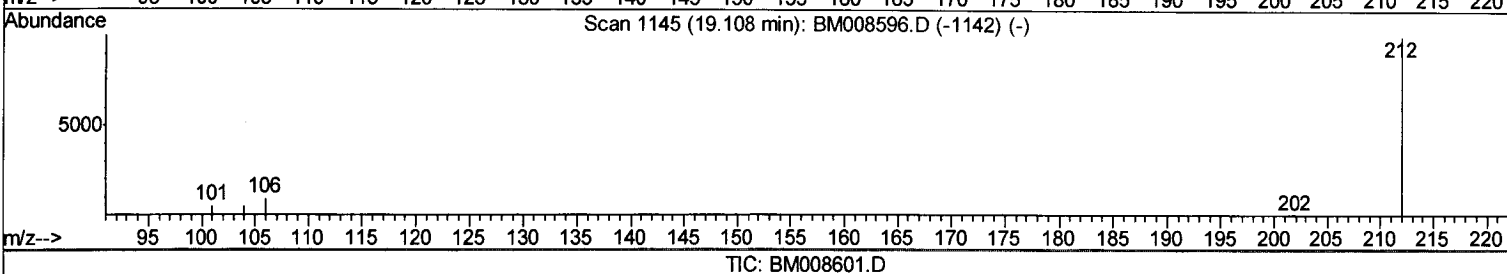
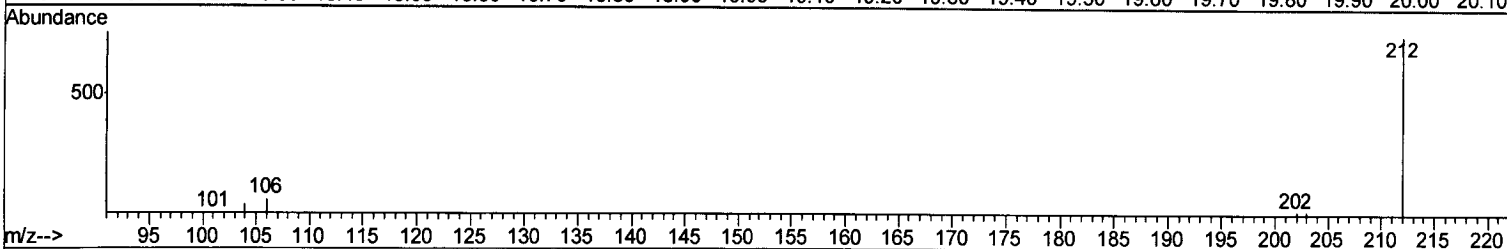
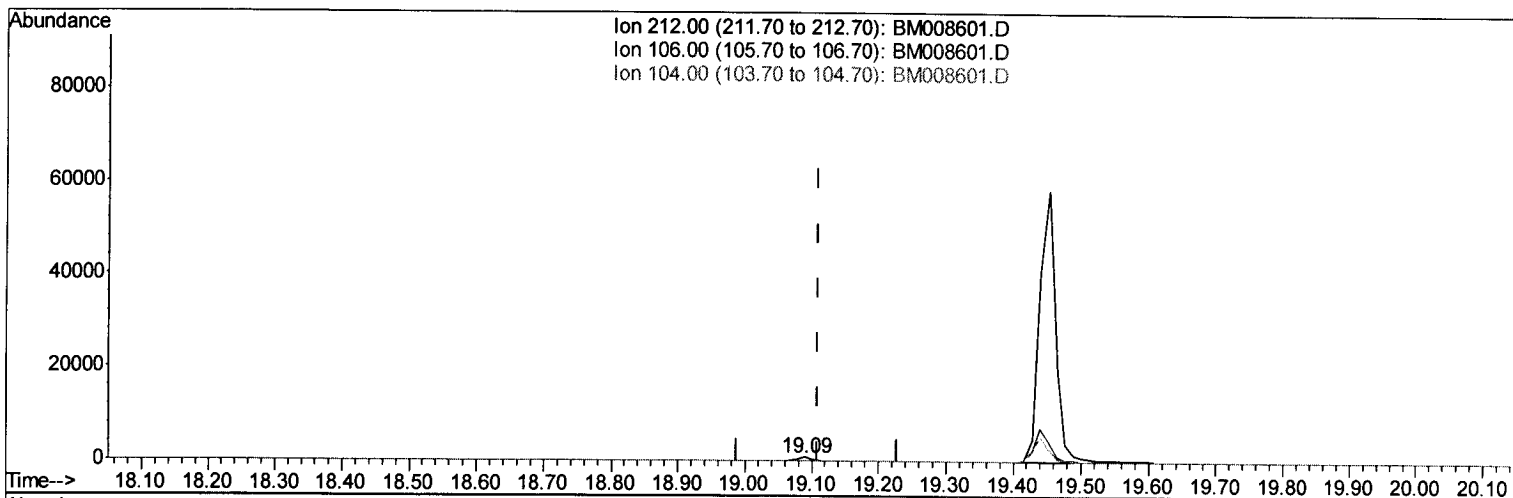
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(14) Fluoranthene-d10 (SURR)

19.089min (-0.019) 0.23ng/ul m

response 1132

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	10.78#
104.00	15.60	5.39#
0.00	0.00	0.00

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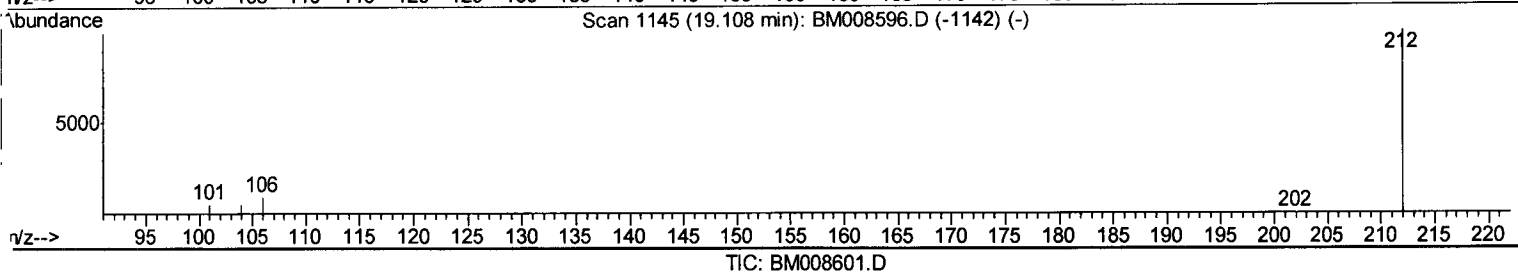
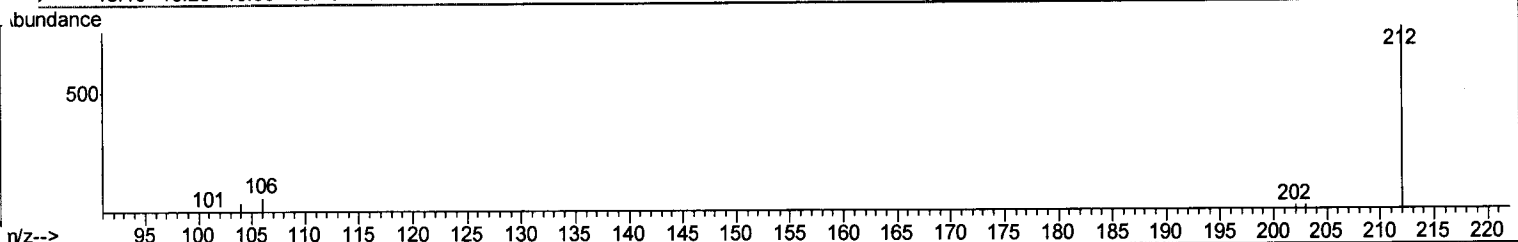
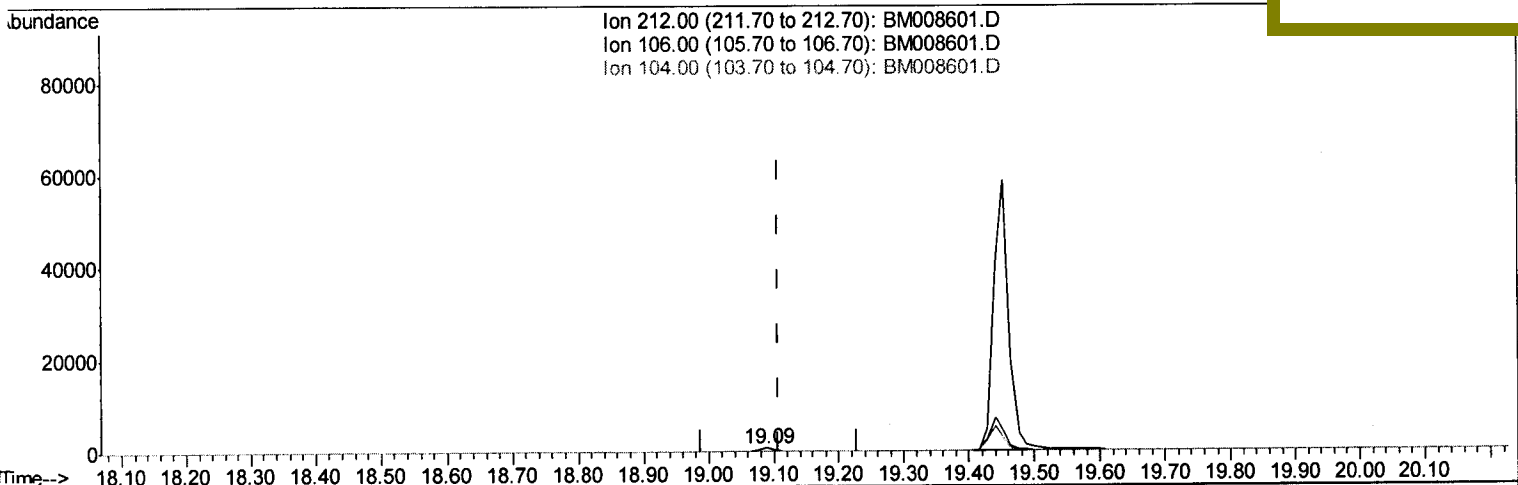
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Sample : H6040-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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(14) Fluoranthene-d10 (SURR)

19.089min (-0.019) 0.21ng/ul

response 1013

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	12.04#
104.00	15.60	6.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

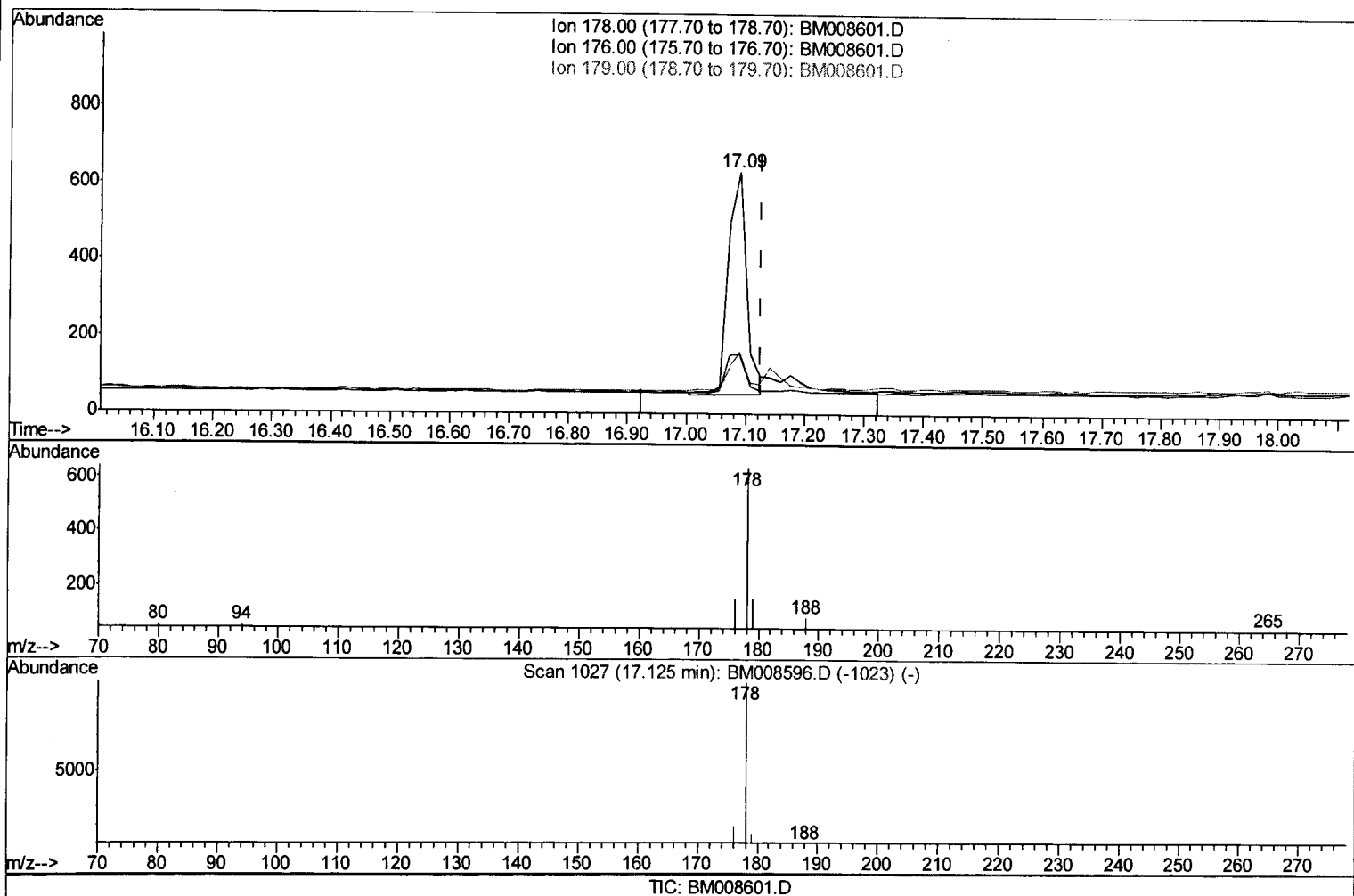
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(12) Phenanthrene

17.090min (-0.034) 0.24ng/ul m

response 1266

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	24.41
179.00	17.00	25.35#
0.00	0.00	0.00

50.
 12/27/2016

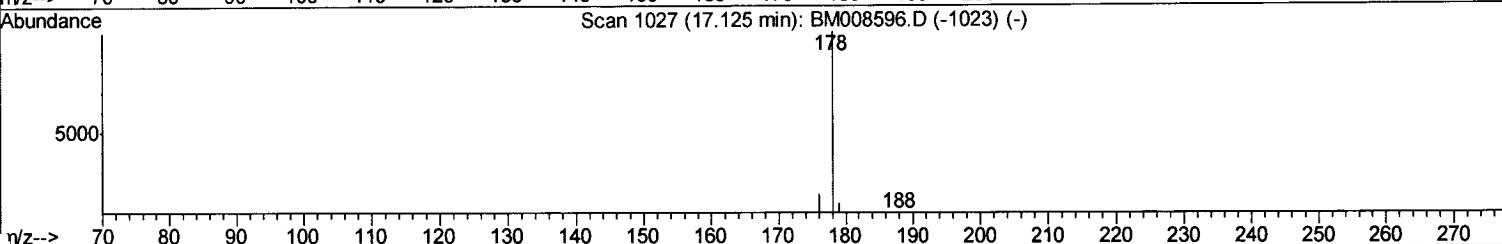
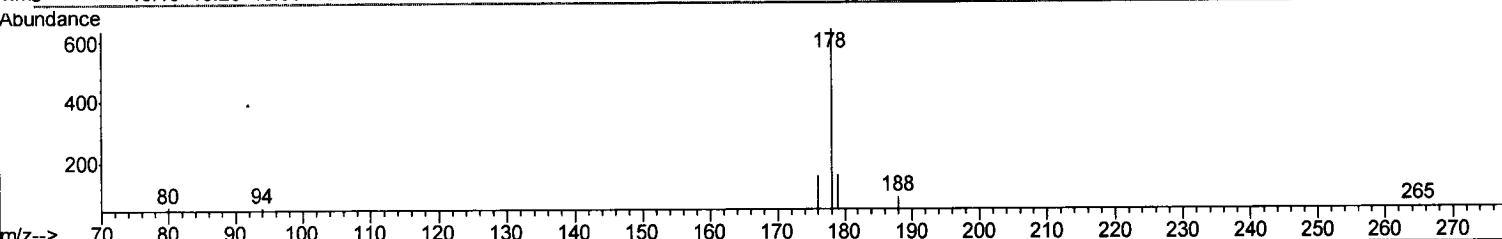
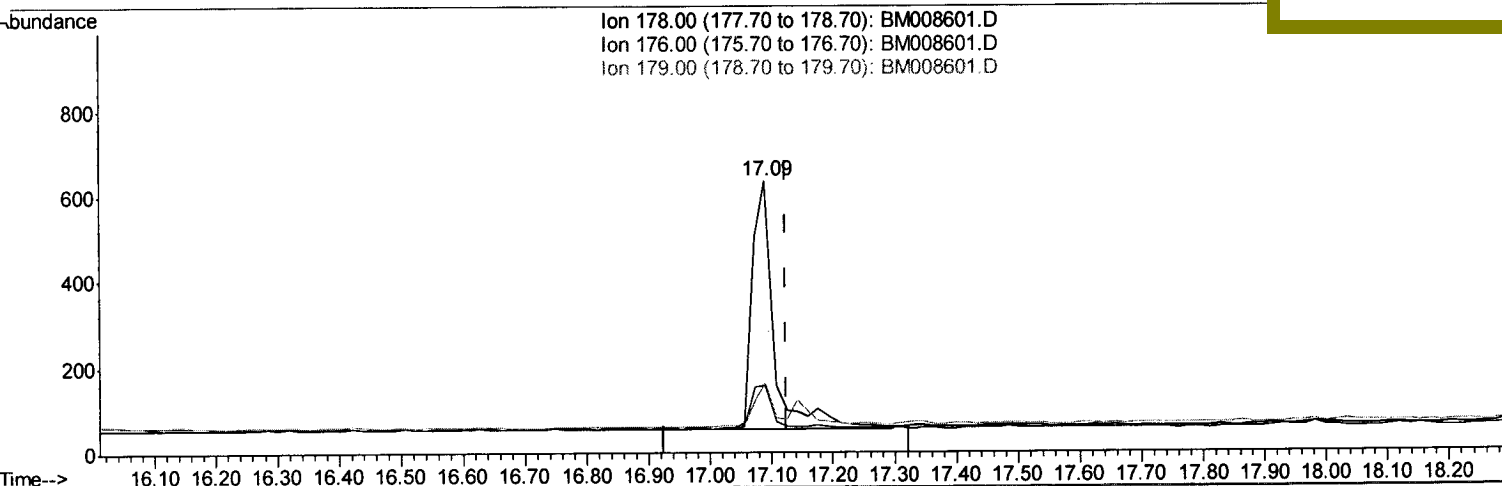
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TIC: BM008601.D

(12) Phenanthrene

17.090min (-0.034) 0.26ng/ul

response 1412

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	24.41
179.00	17.00	25.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

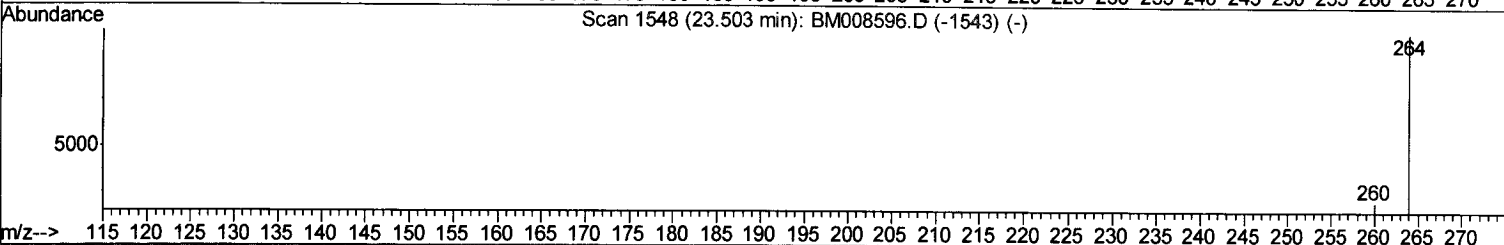
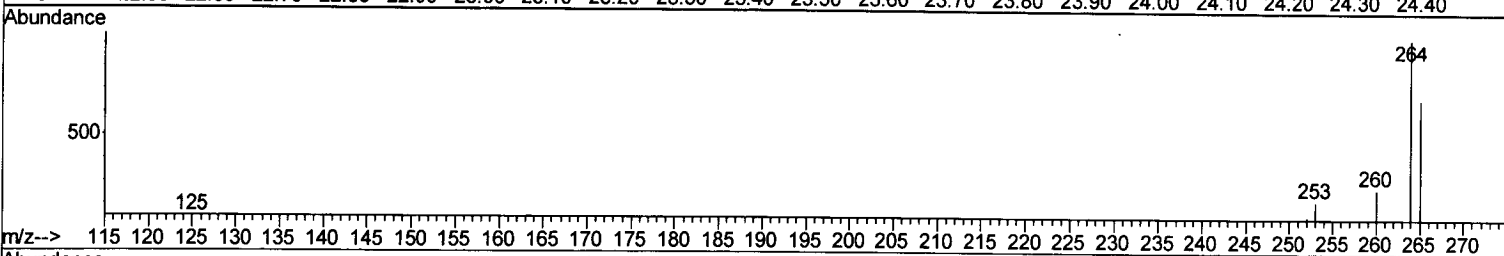
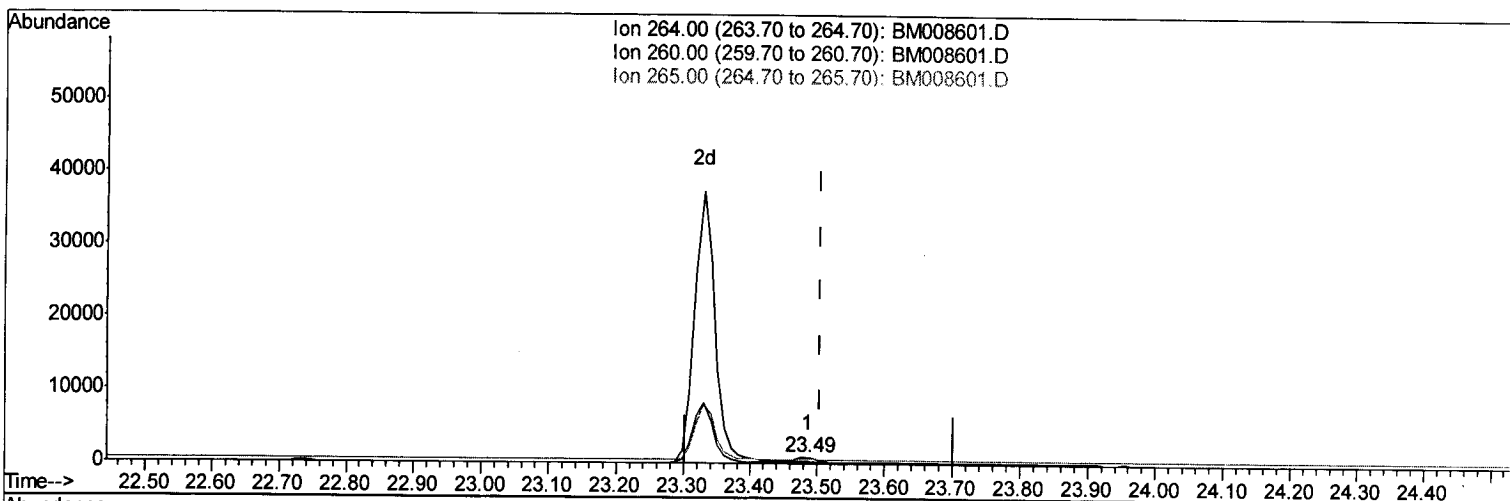
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 Sample : H6040-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA8X2

Manual Integrations
 APPROVED

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Quant Time: Dec 23 23:41:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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TIC: BM008601.D

(20) Perylene-d12 (I)

23.486min (-0.018) 0.40ng/ul m

response 1541

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.76
265.00	103.50	71.84#
0.00	0.00	0.00

SJ.
 12/27/2016

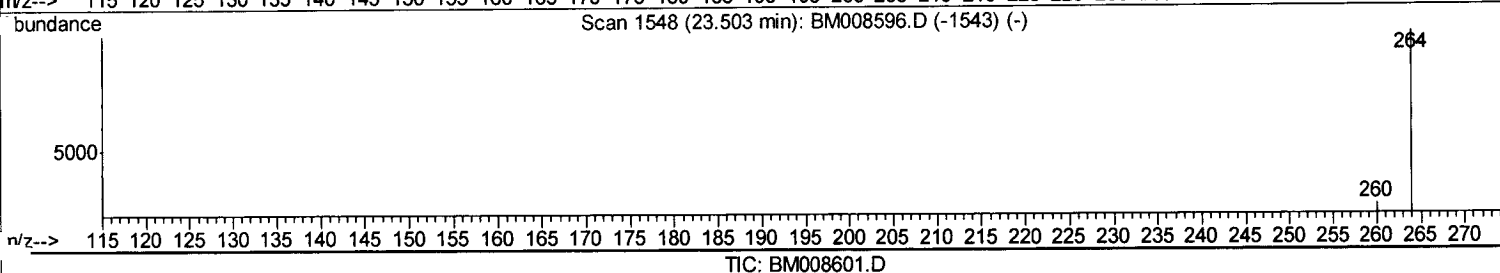
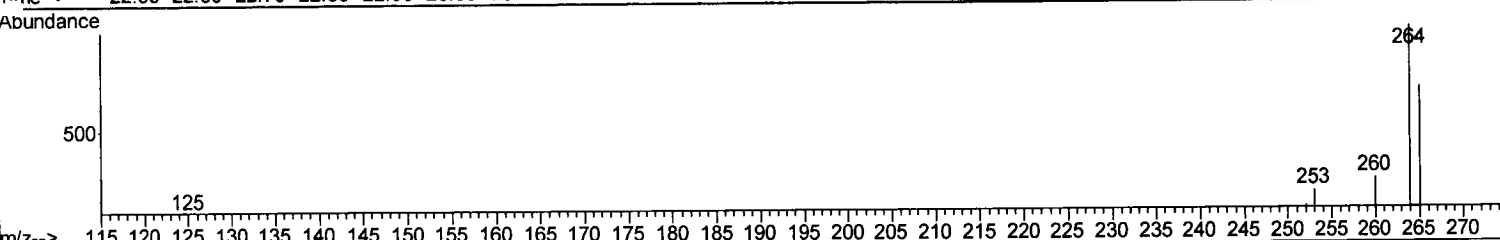
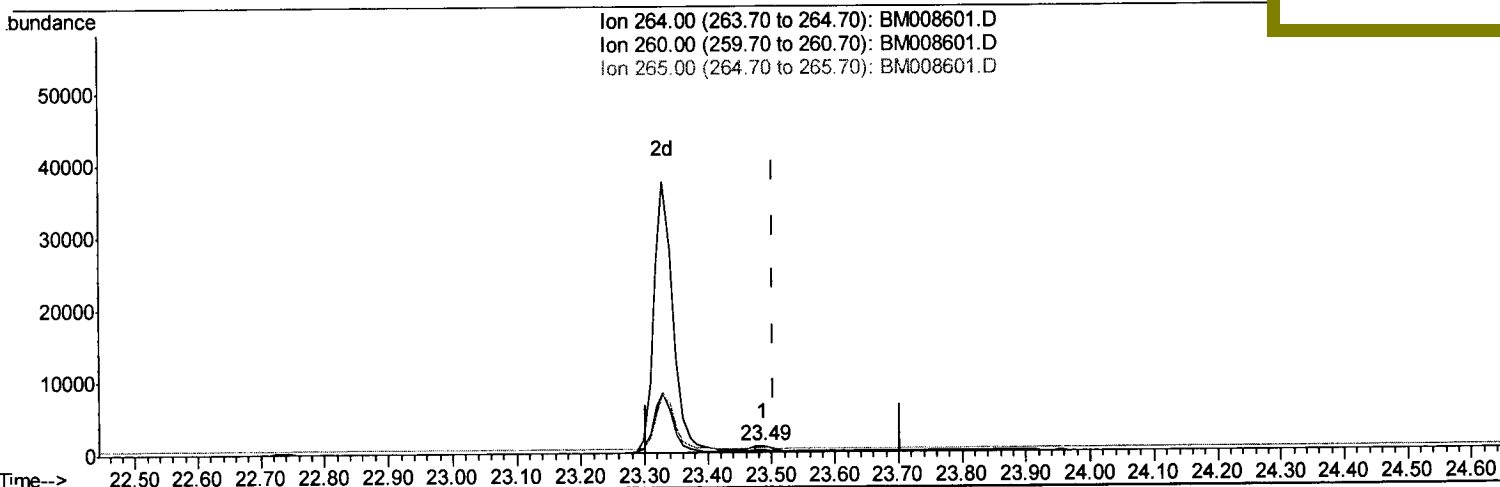
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Instrument :
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Manual Integrations
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(20) Perylene-d12 (I)

23.486min (-0.018) 0.40ng/ul

response 2241

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	29.76
265.00	103.50	71.84#
0.00	0.00	0.00

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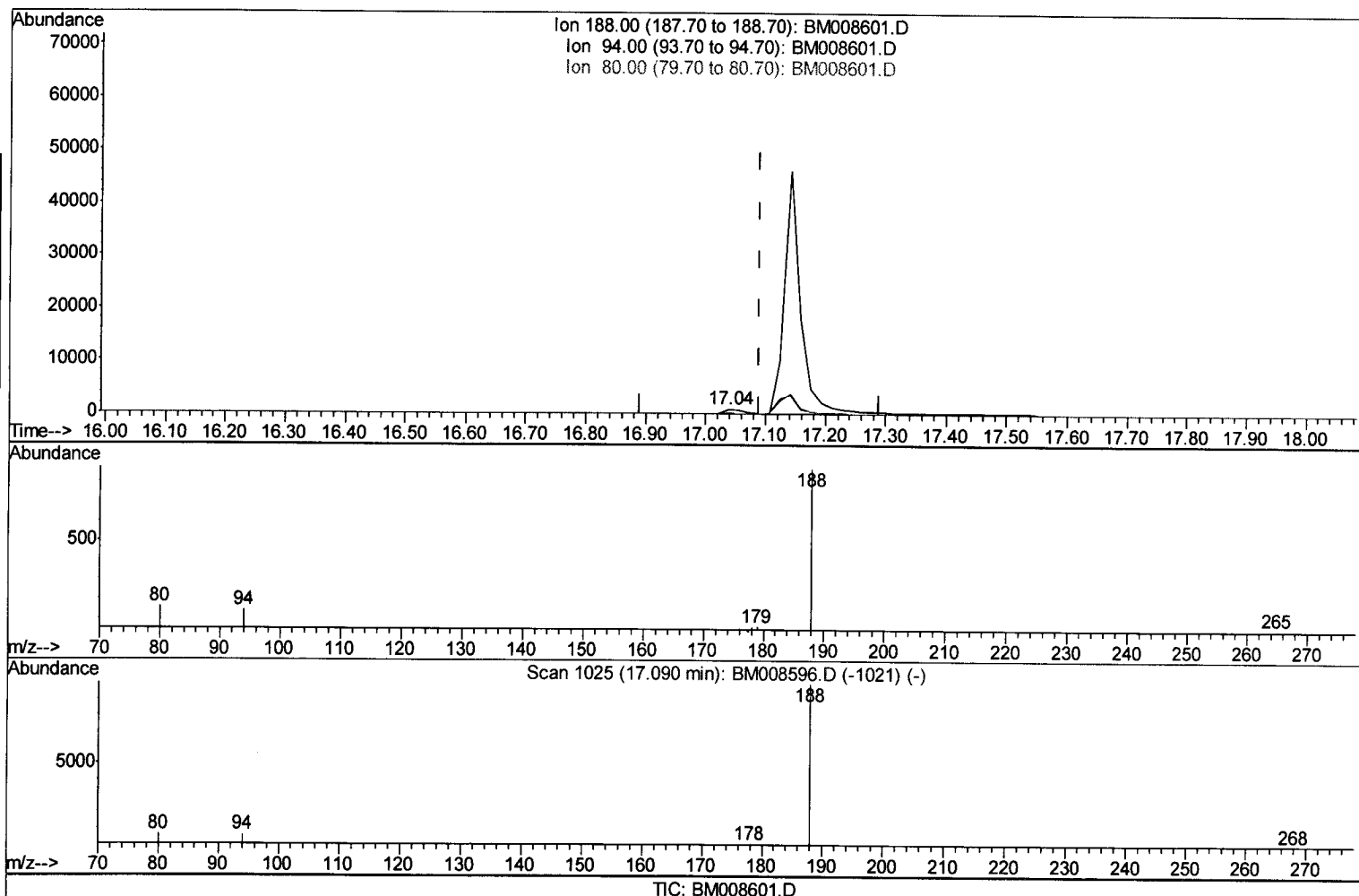
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(10) Phenanthrene-d10 (I)

17.039min (-0.052) 0.40ng/ul m } S.J.
 response 1752 } 12/27/2016

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.34#
80.00	11.80	18.06#
0.00	0.00	0.00

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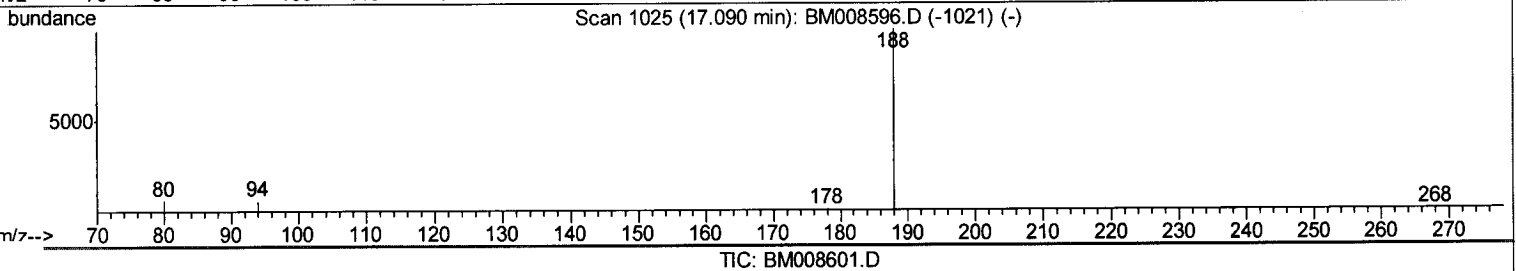
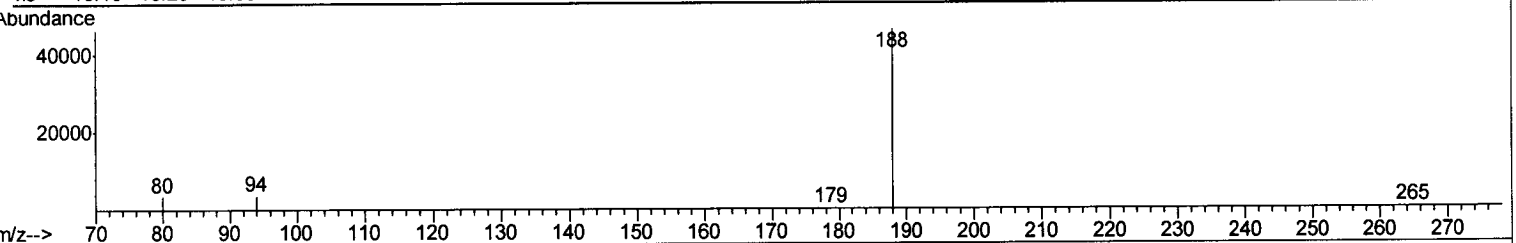
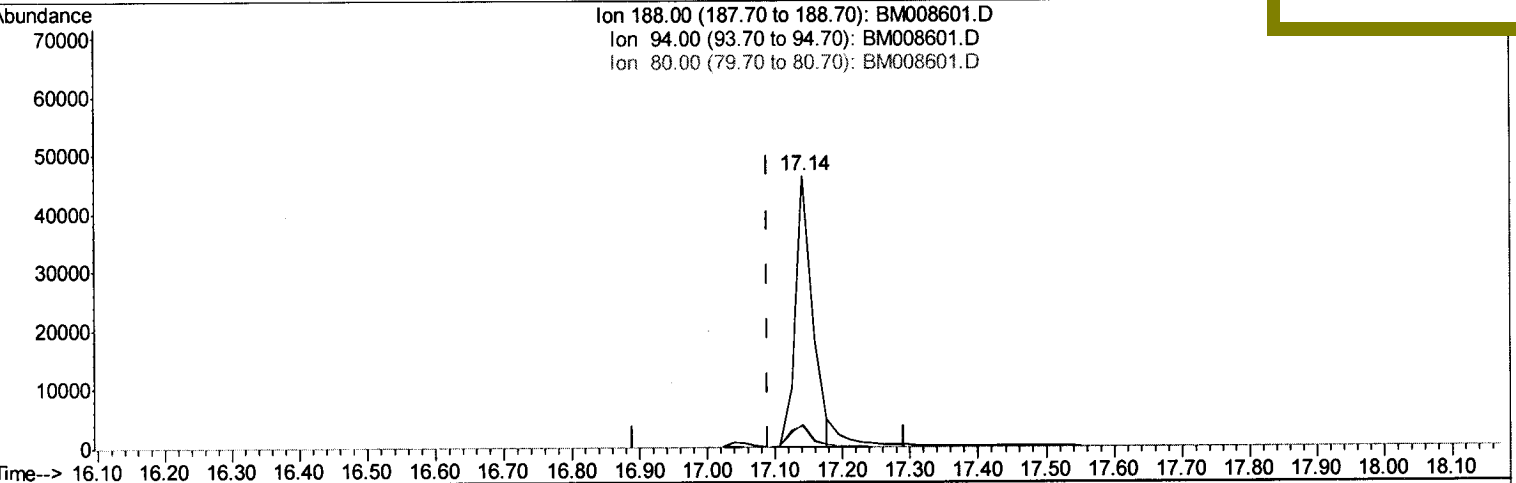
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(10) Phenanthrene-d10 (I)
 17.142min (+0.051) 0.40ng/ul
 response 80841

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.98#
80.00	11.80	7.57#
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	7.68	152	467	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.45	136	1513	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	919	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1752m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.27	240	1702	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1541m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	438	0.19	ng/ul	-0.04
14) Fluoranthene-d10	19.09	212	1132m	0.23	ng/ul	-0.02

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.50	128	625	0.15	ng/ul#	72
5) 2-Methylnaphthalene	12.13	142	521	0.18	ng/ul	98
12) Phenanthrene	17.09	178	1266m	0.24	ng/ul	
15) Fluoranthene	19.11	202	1220	0.19	ng/ul	90
17) Pyrene	19.48	202	1215	0.18	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	542	0.10	ng/ul#	64
19) Chrysene	21.30	228	760	0.12	ng/ul#	73
21) Benzo(b)fluoranthene	22.81	252	957m	0.16	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	317m	0.05	ng/ul	
23) Benzo(a)pyrene	23.37	252	406	0.07	ng/ul#	33
24) Indeno(1,2,3-cd)pyrene	25.75	276	380	0.06	ng/ul#	88
26) Benzo(g,h,i)perylene	26.43	276	411	0.07	ng/ul#	45

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

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