

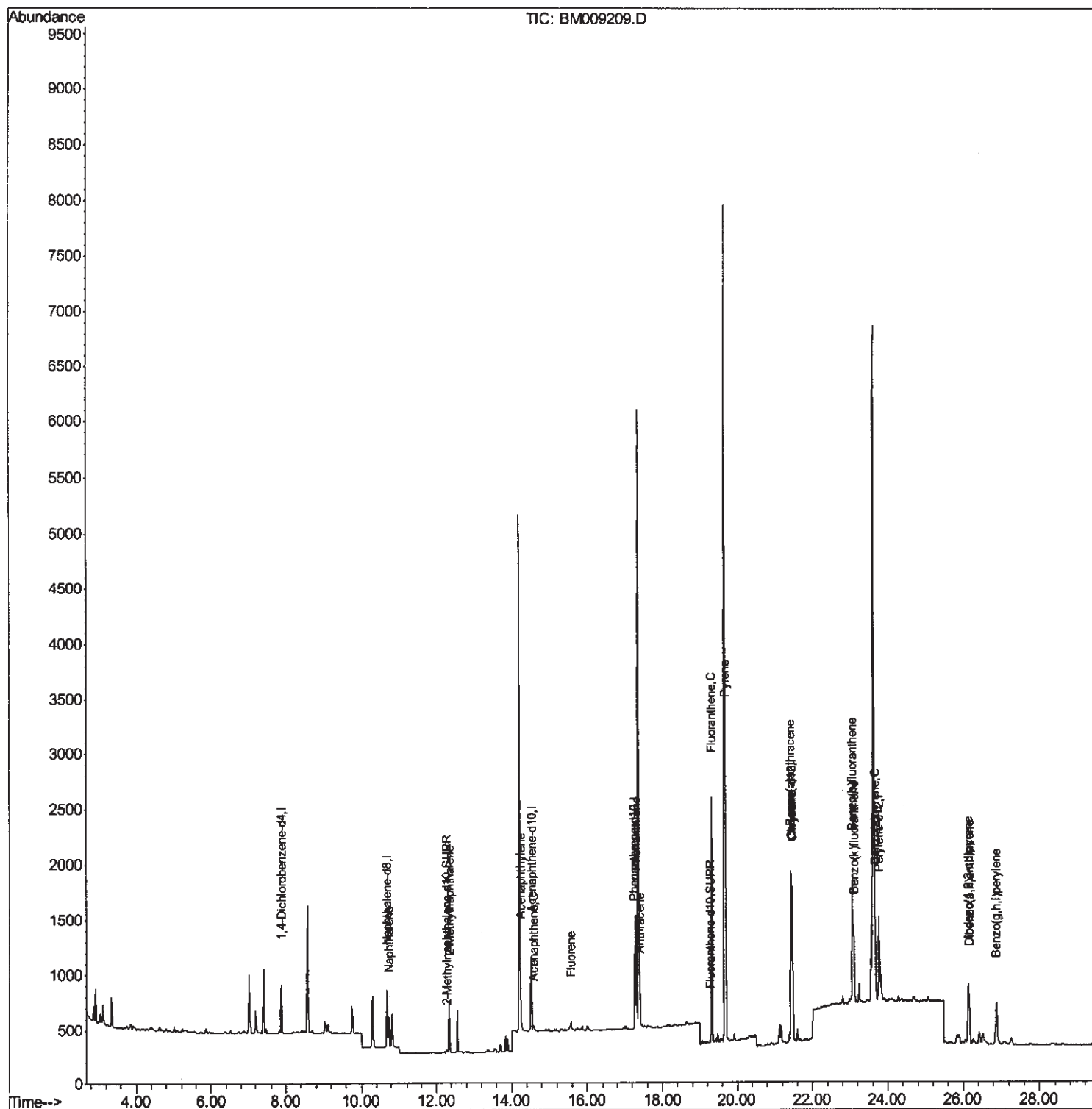
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009209.D
Acq On : 11 Mar 2017 15:54
Operator : SJ/MA
Sample : I2107-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK0DL

Manual Integrations
APPROVED

mohammad
3/13/2017 5:13:34 PM

Quant Time: Mar 13 11:58:30 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration



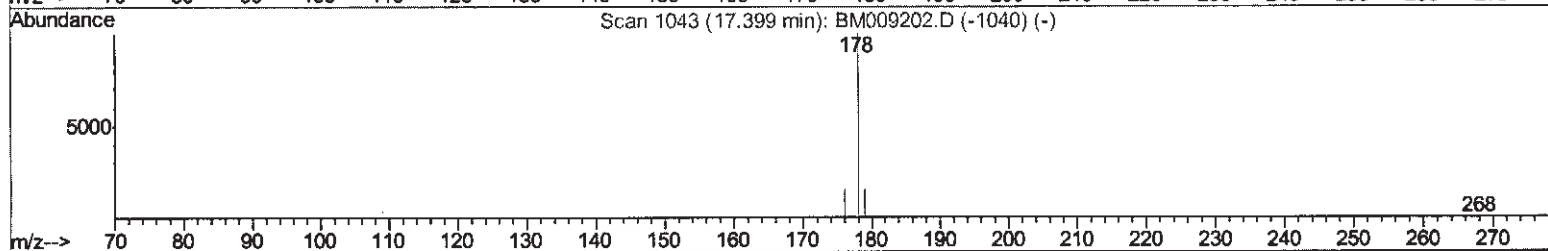
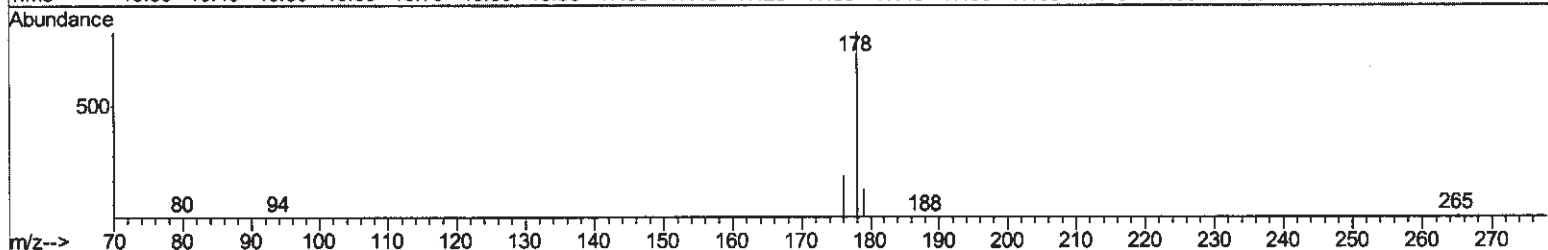
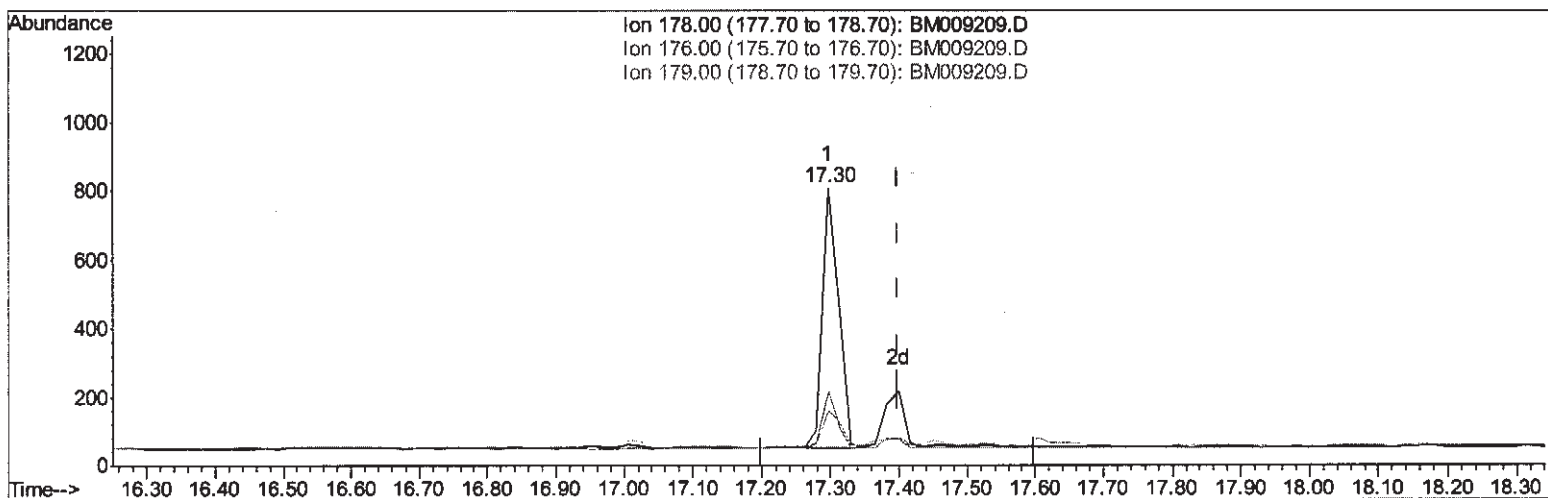
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TIC: BM009209.D

(13) Anthracene

17.296min (-0.103) 0.43ng/ul

response 1251

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	26.98
179.00	18.40	19.80
0.00	0.00	0.00

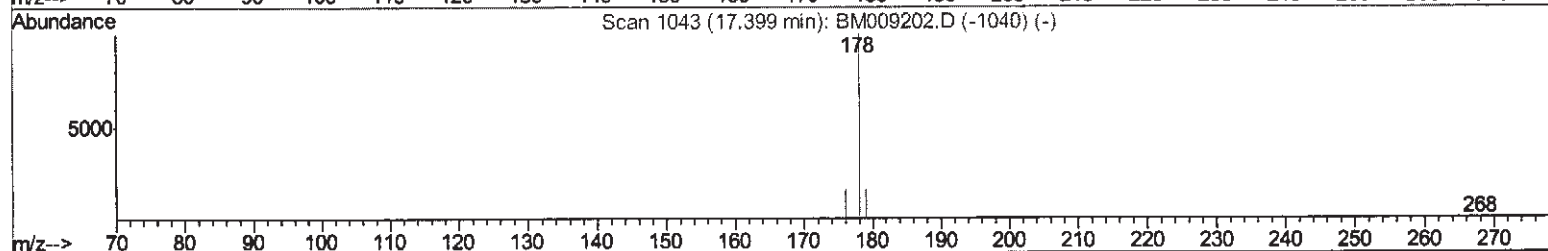
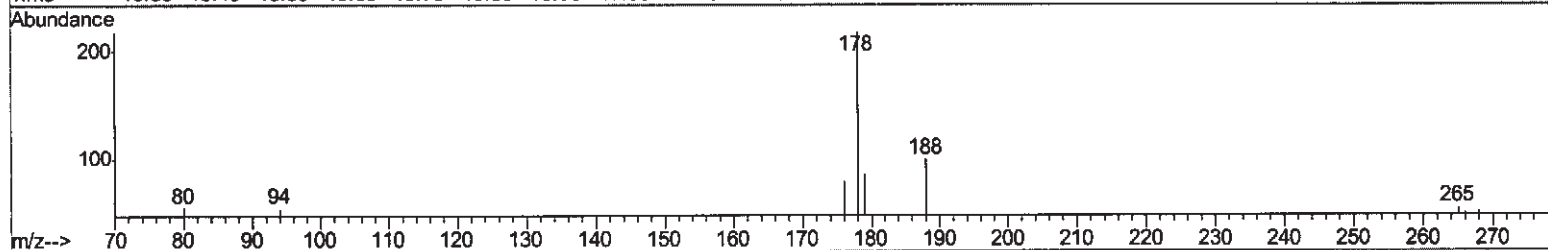
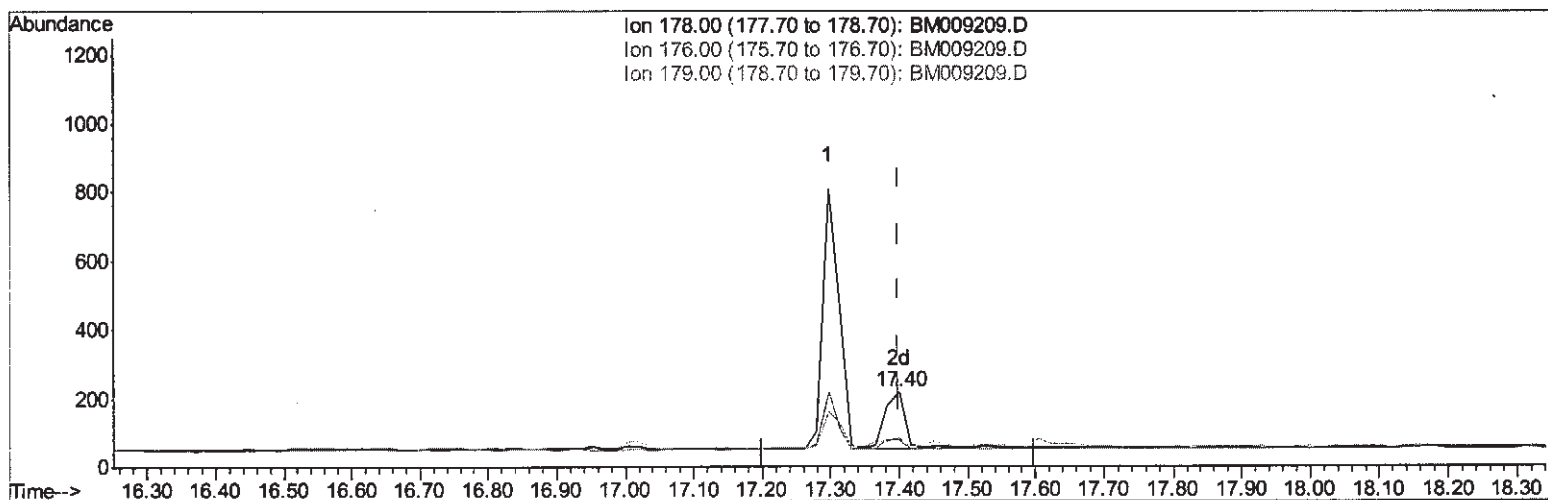
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Manual Integrations
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TIC: BM009209.D

(13) Anthracene

17.399min (+0.000) 0.11ng/ul m

SJ 3/16/17

response 333

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	36.41#
179.00	18.40	39.17#
0.00	0.00	0.00

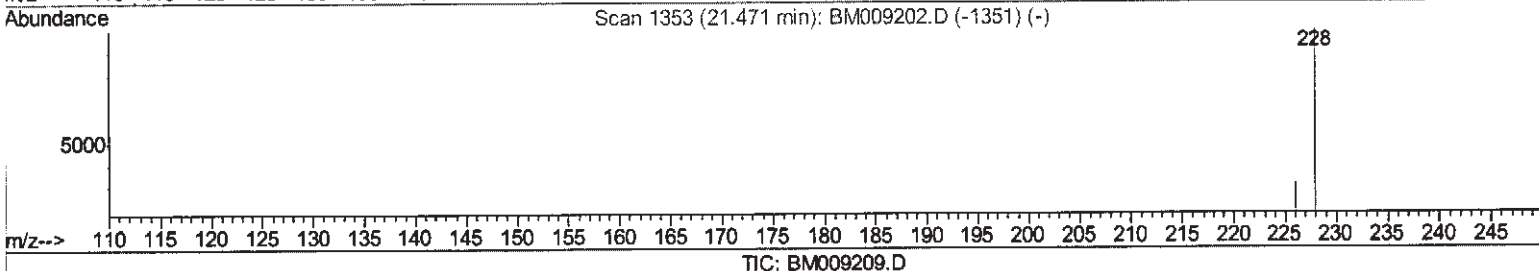
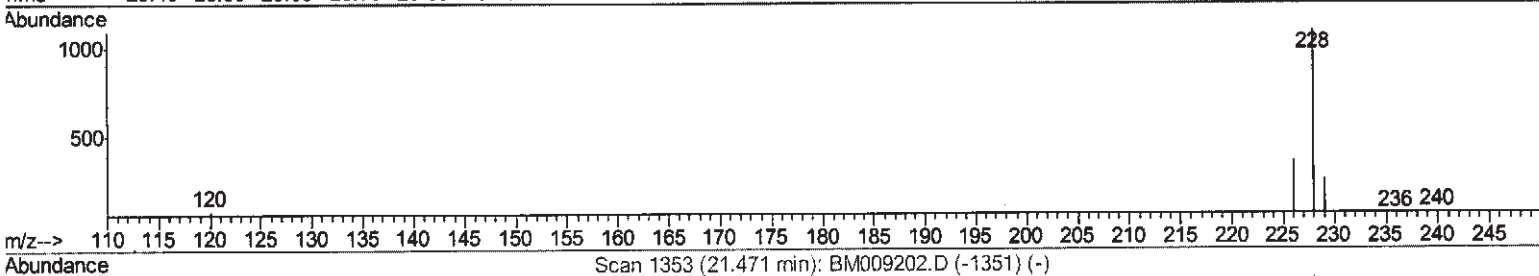
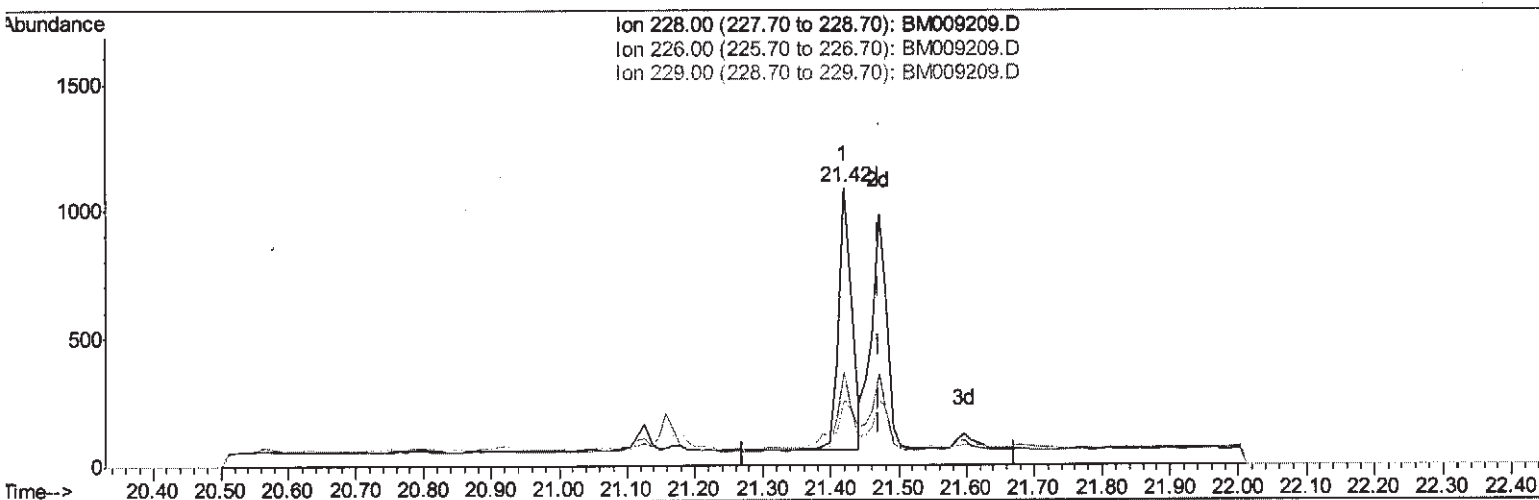
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(19) Chrysene

21.419min (-0.052) 0.43ng/ul

response 1414

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	33.55
229.00	22.10	23.53
0.00	0.00	0.00

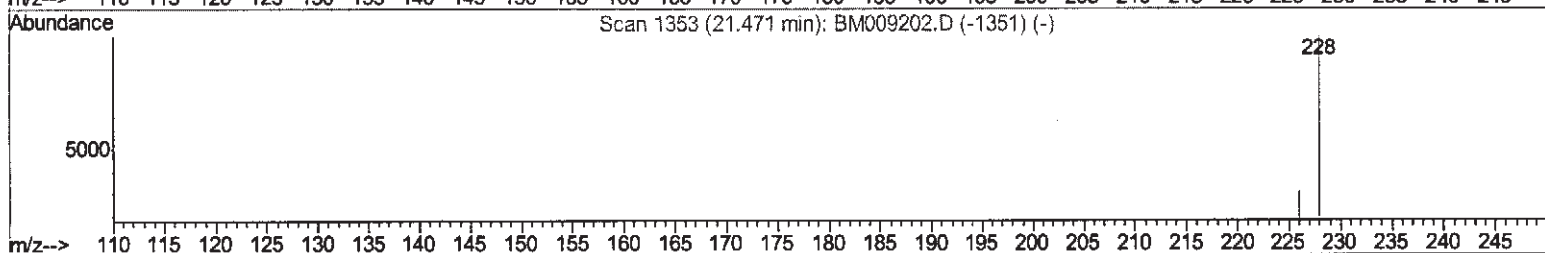
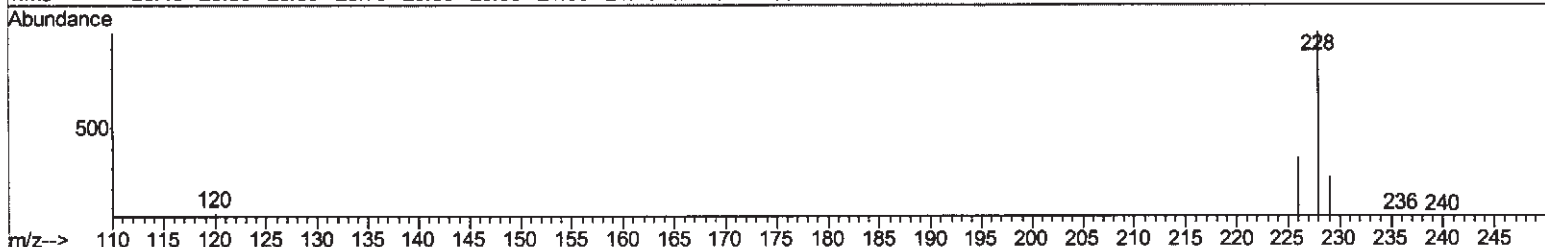
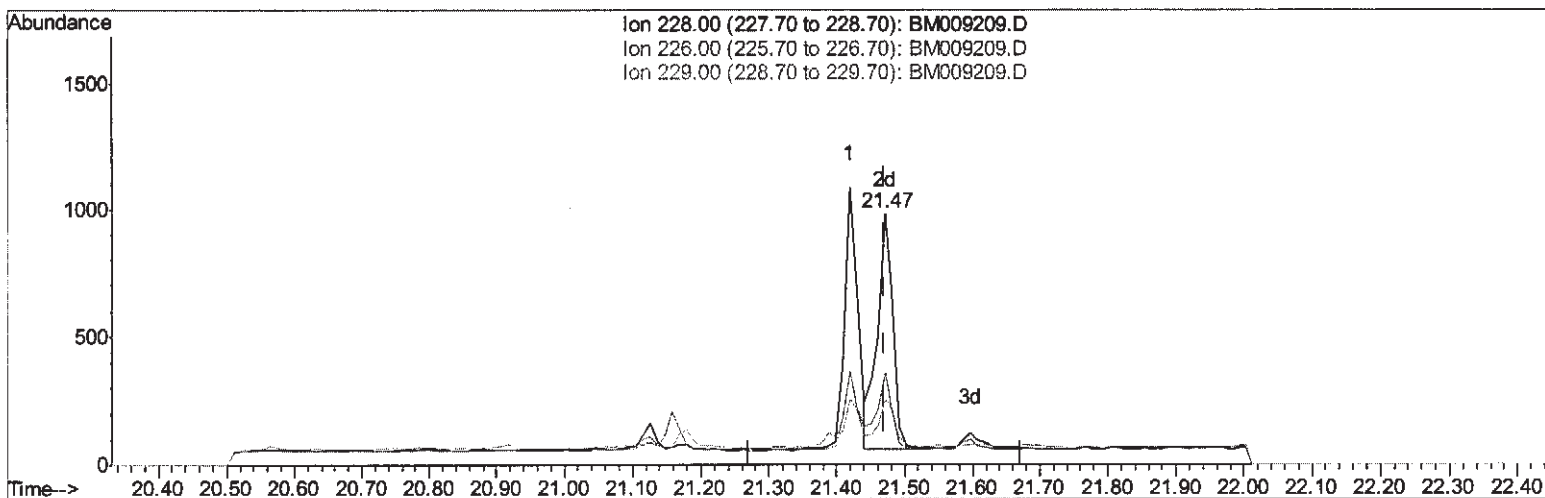
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Operator : SJ/MA
Sample : I2107-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM009209.D

(19) Chrysene

21.471min (+0.000) 0.45ng/ul m

SJ 3/16/17

response 1490

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	36.45#
229.00	22.10	25.89
0.00	0.00	0.00

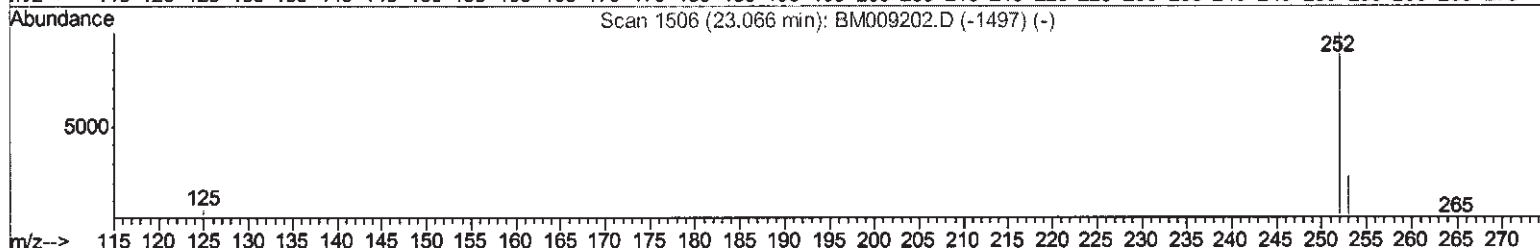
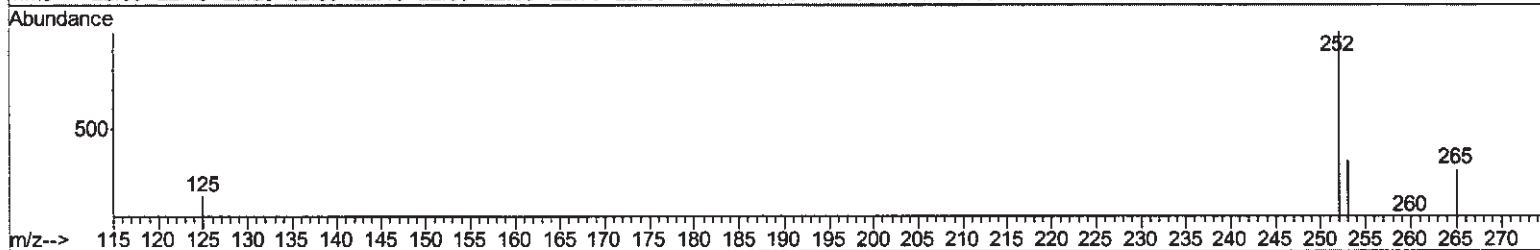
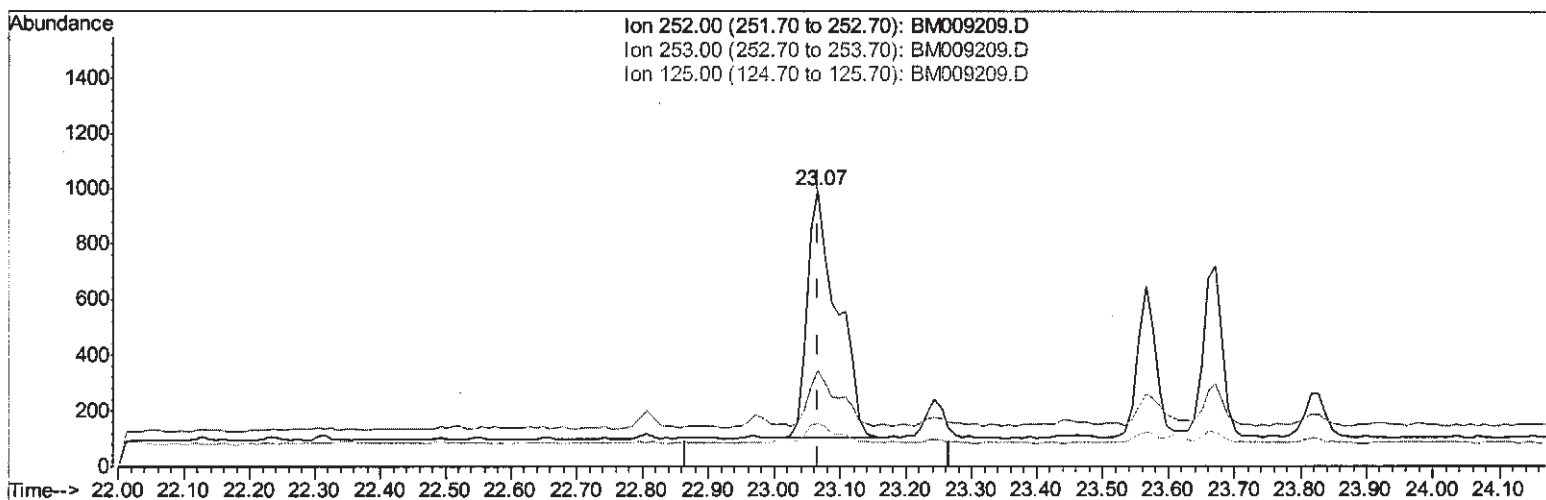
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Data File : BM009209.D
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Operator : SJ/MA
Sample : I2107-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COAKODL

Manual Integrations
APPROVED

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TIC: BM009209.D

(21) Benzo(b)fluoranthene

23.066min (+0.000) 0.66ng/ul

response 2760

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	34.54
125.00	17.50	15.56
0.00	0.00	0.00

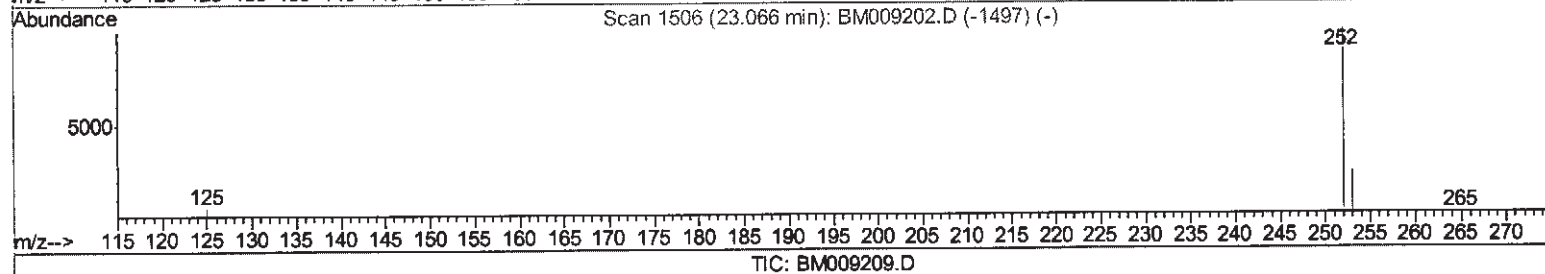
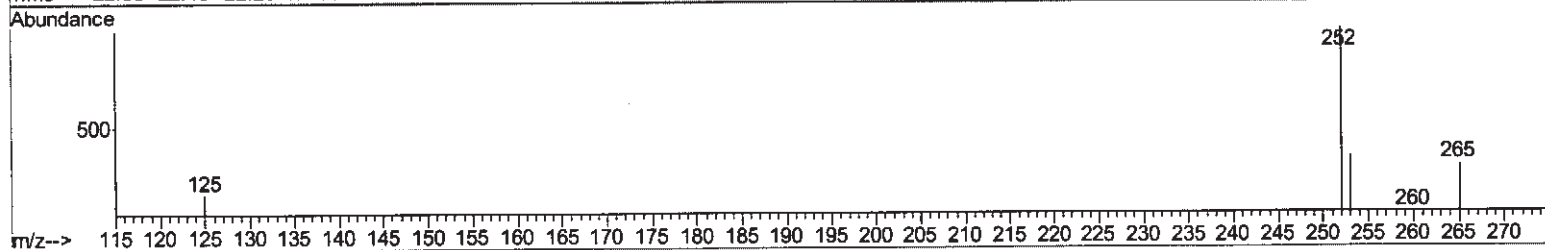
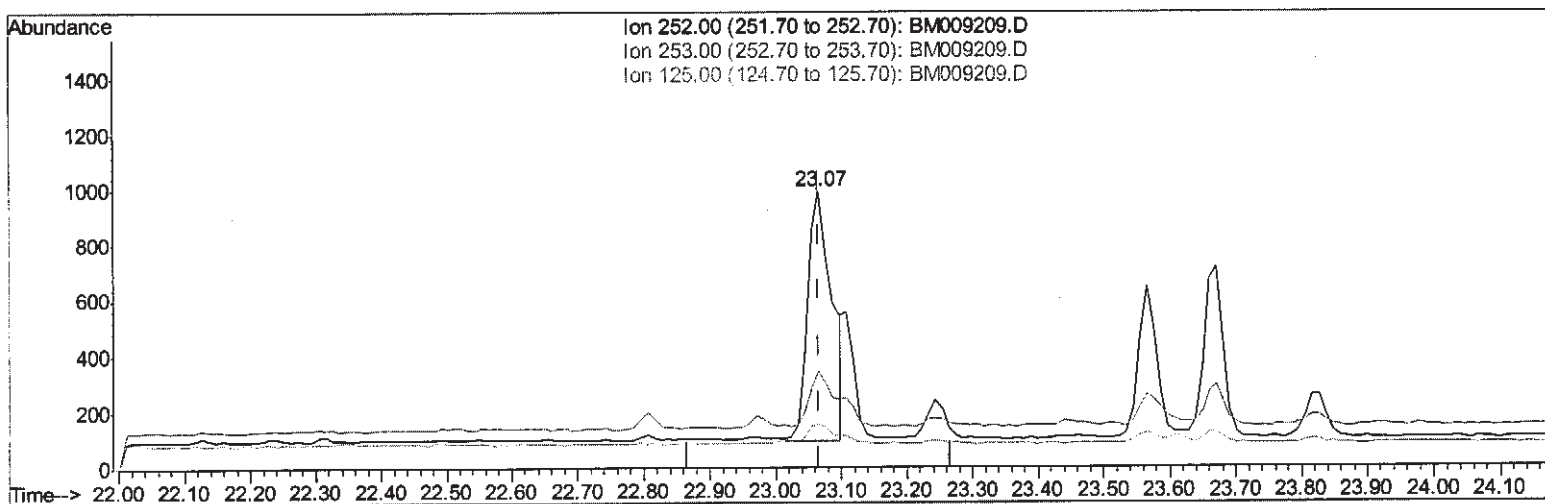
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009209.D
Acq On : 11 Mar 2017 15:54
Operator : SJ/MA
Sample : I2107-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AKODL

Manual Integrations
APPROVED

mohammad
3/13/2017 5:13:34 PM

Quant Time: Mar 13 11:55:52 2017
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(21) Benzo(b)fluoranthene

23.066min (+0.000) 0.54ng/ul m 57 3/16/17

response 2271

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	34.54
125.00	17.50	15.56
0.00	0.00	0.00

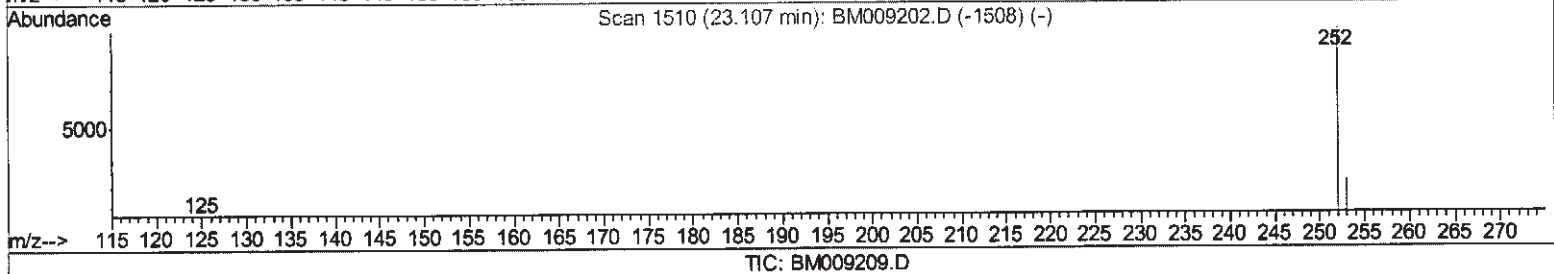
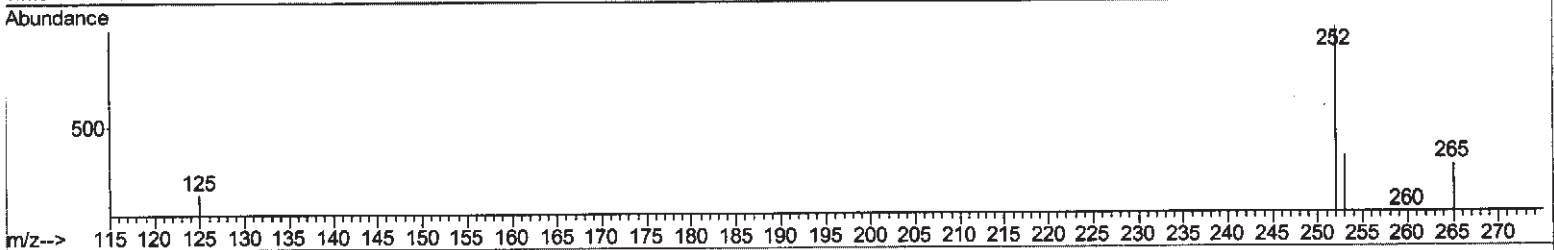
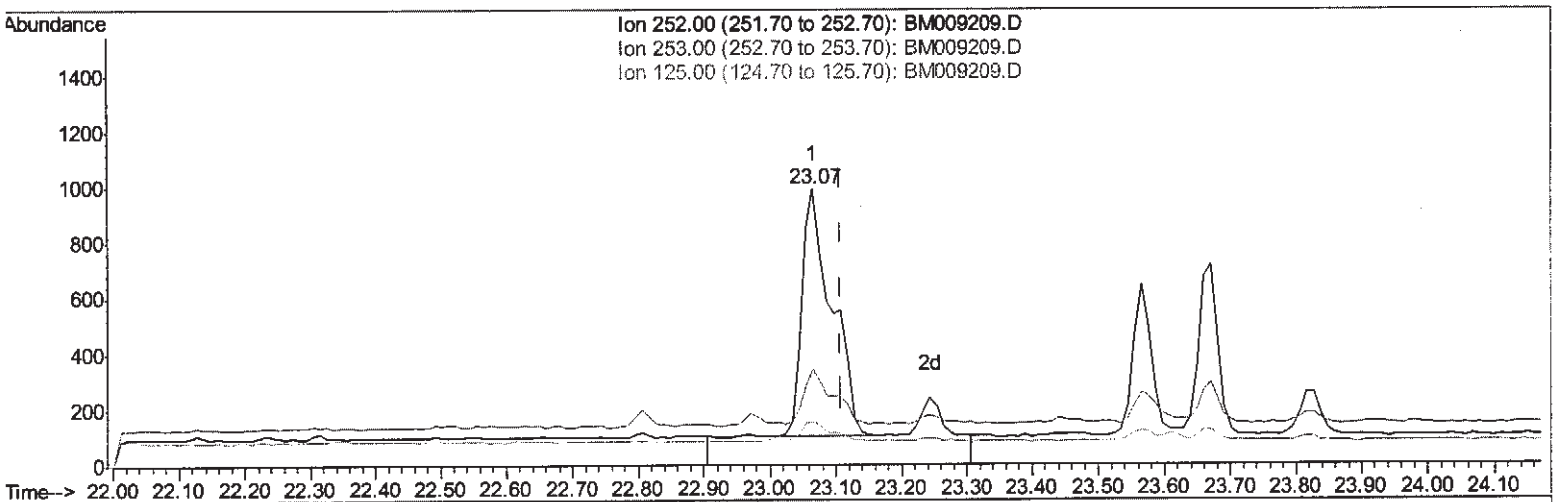
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AKODL

Manual Integrations
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Quant Time: Mar 13 11:55:52 2017
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(22) Benzo(k)fluoranthene

23.066min (-0.042) 0.74ng/ul

response 2760

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.54
125.00	17.10	15.56
0.00	0.00	0.00

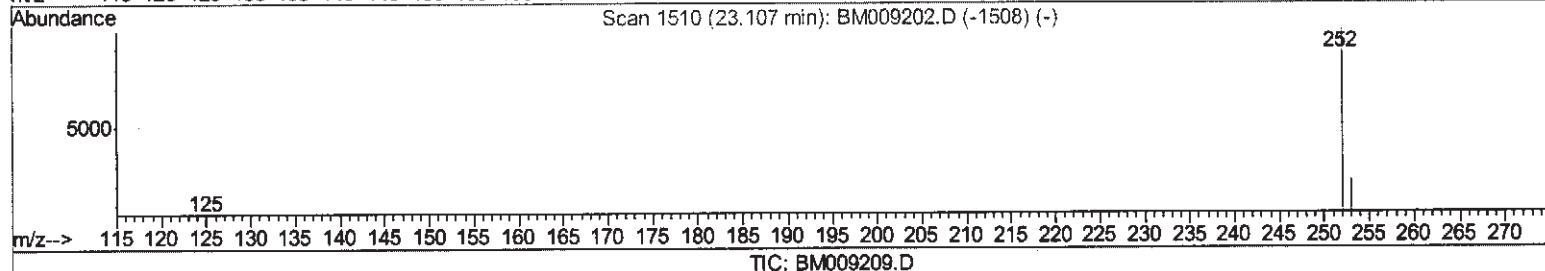
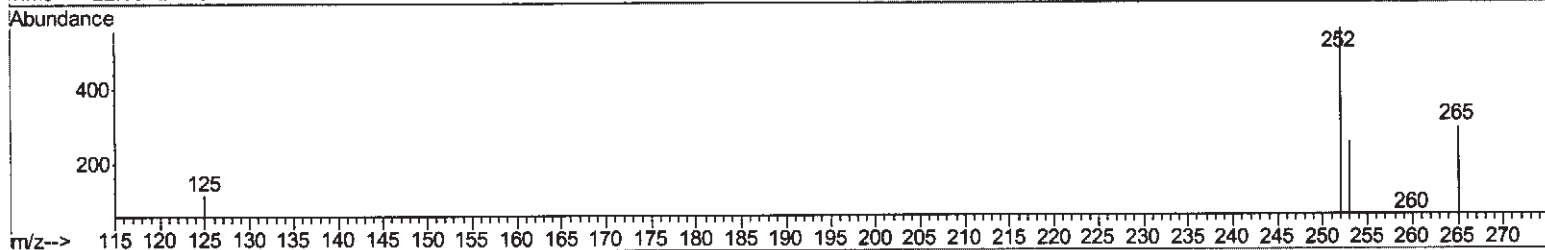
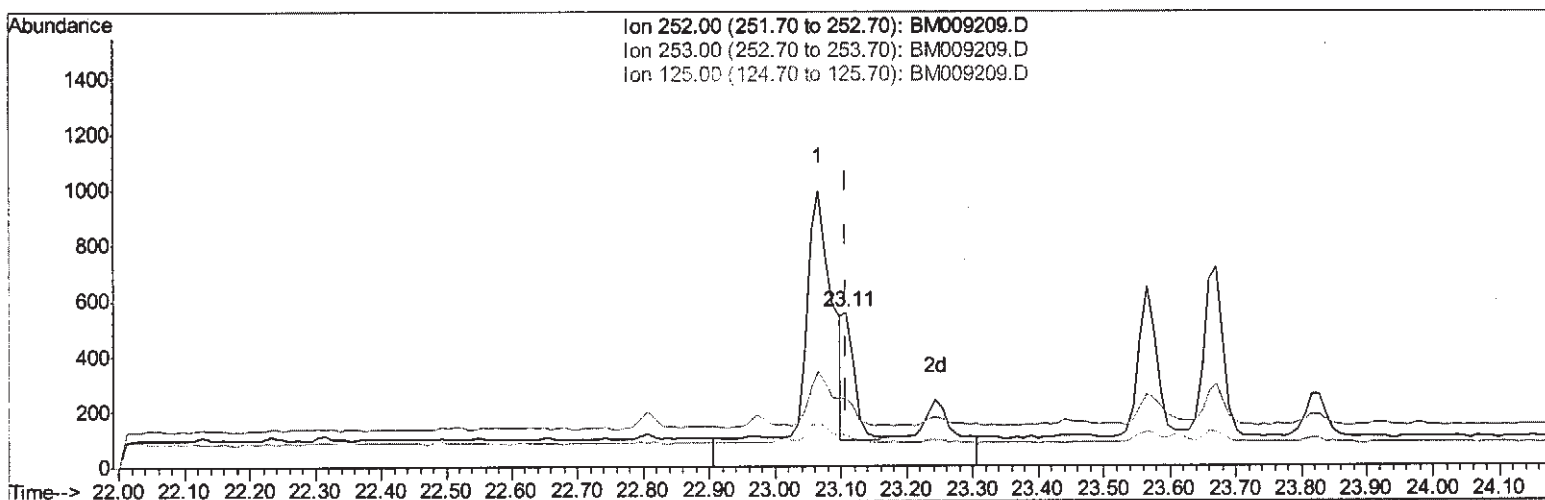
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Data File : BM009209.D
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Sample : I2107-11DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AKODL

Manual Integrations
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mohammad
3/13/2017 5:13:34 PM

Quant Time: Mar 13 11:55:52 2017
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(22) Benzo(k)fluoranthene

23.107min (+0.000) 0.15ng/ul m SJ 3/16/17

response 553

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	44.72#
125.00	17.10	20.04
0.00	0.00	0.00

Quantitation Report (Qedit)

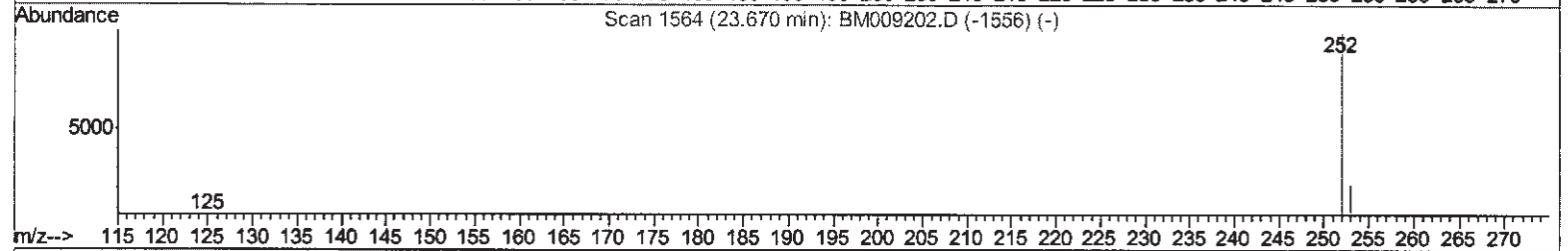
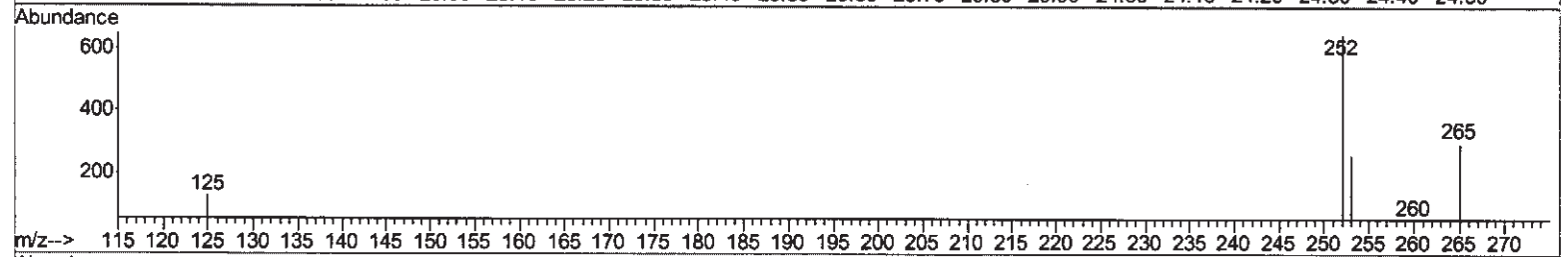
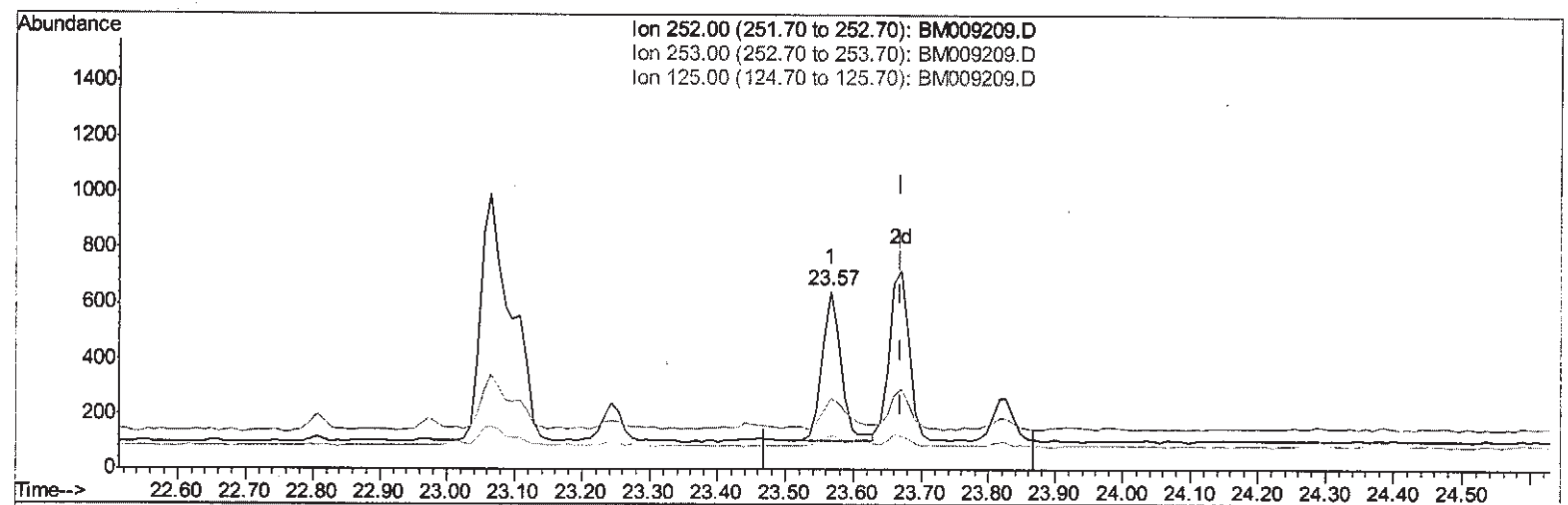
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(23) Benzo(a)pyrene (C)

23.566min (-0.104) 0.28ng/ul

response 1065

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	40.12
125.00	22.60	19.14
0.00	0.00	0.00

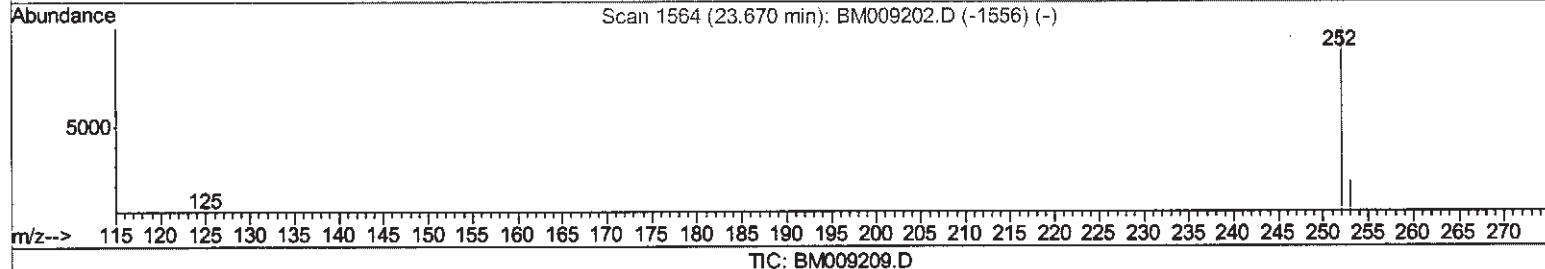
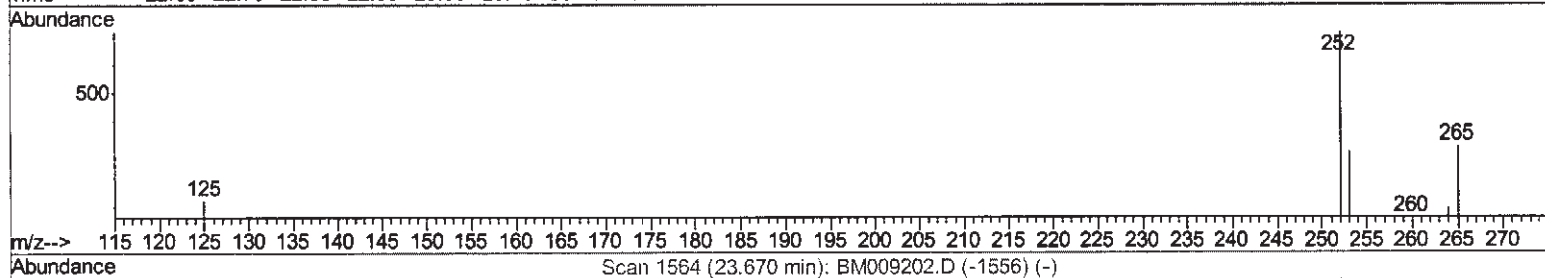
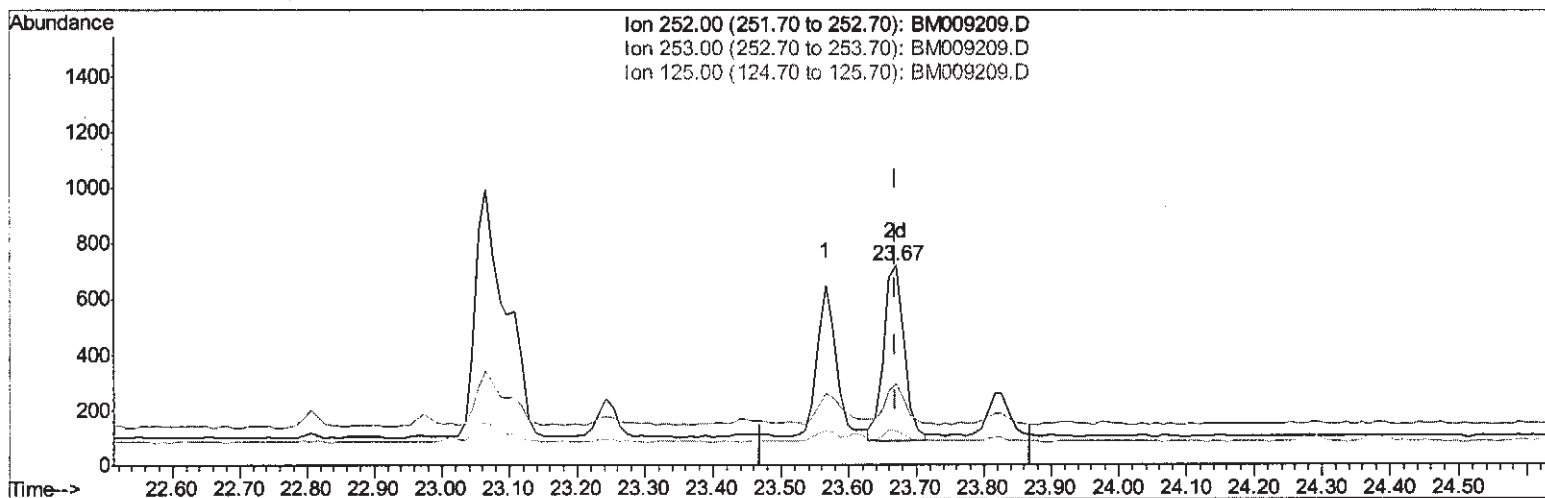
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Data File : BM009209.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(23) Benzo(a)pyrene (C)

23.670min (+0.000) 0.35ng/ul m

SJ 3/16/17

response 1320

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	41.09
125.00	22.60	16.85#
0.00	0.00	0.00

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 ALS Vial : 9 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	218	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	697	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	409	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	938	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1043	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1067	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	46	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	101	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.73	128	402	0.20	ng/ul#	70
5) 2-Methylnaphthalene	12.34	142	346	0.24	ng/ul	100
7) Acenaphthylene	14.23	152	150	0.07	ng/ul#	33
8) Acenaphthene	14.57	153	48	0.03	ng/ul#	80
9) Fluorene	15.56	166	54	0.03	ng/ul#	68
12) Phenanthrene	17.30	178	1269	0.43	ng/ul	93
13) Anthracene	17.40	178	333m	0.11	ng/ul	51 3/16/17
15) Fluoranthene	19.31	202	2538	0.66	ng/ul	98
17) Pyrene	19.68	202	2465	0.69	ng/ul	95
18) Benzo(a)anthracene	21.42	228	1414	0.41	ng/ul	93
19) Chrysene	21.47	228	1490m	0.45	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	2271m	0.54	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	553m	0.15	ng/ul	51 3/16/17
23) Benzo(a)pyrene	23.67	252	1320m	0.35	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	981	0.20	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.16	278	265	0.07	ng/ul#	33
26) Benzo(g,h,i)perylene	26.88	276	918	0.22	ng/ul#	90

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