

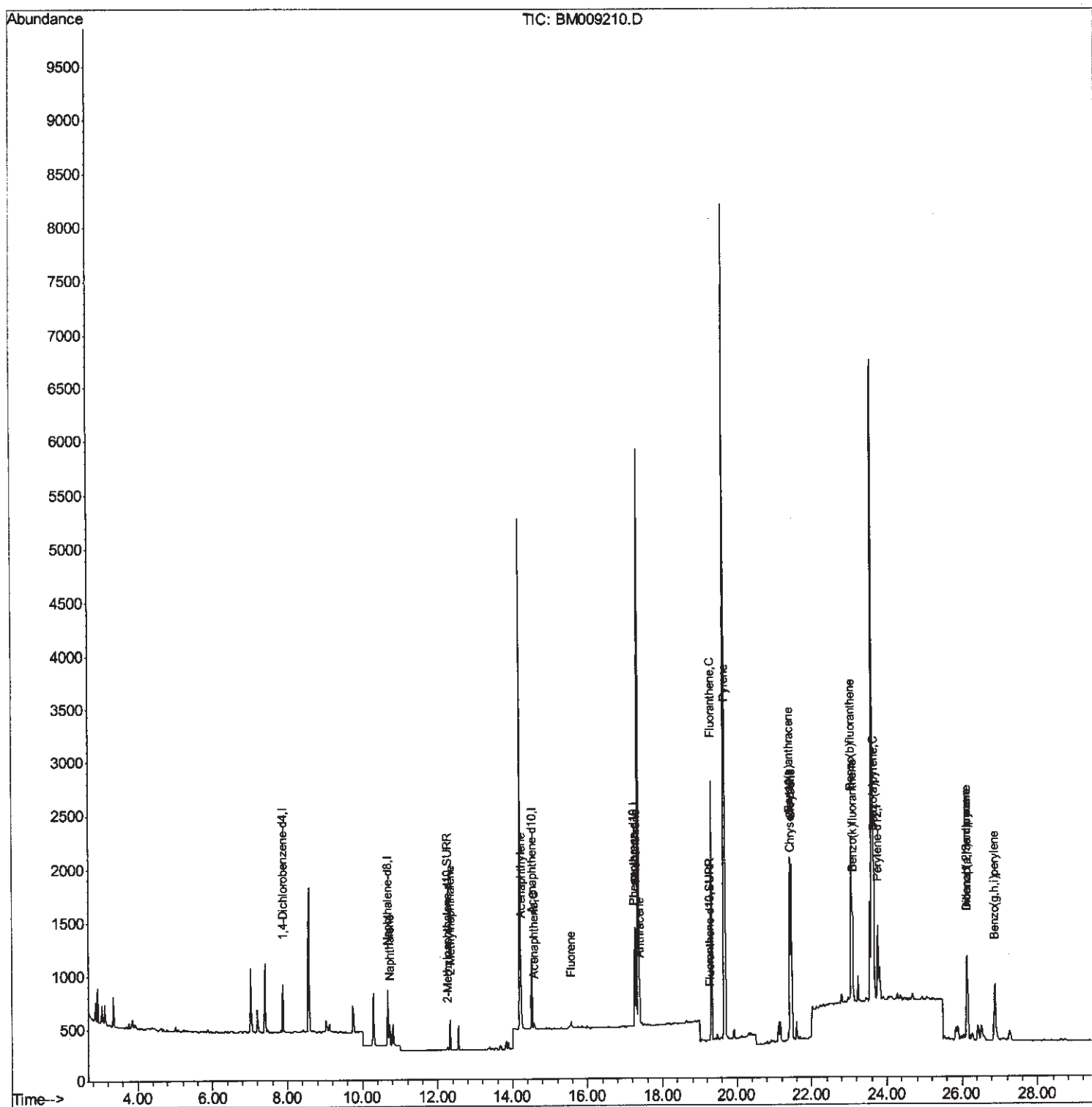
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031117\
Data File : BM009210.D
Acq On : 11 Mar 2017 16:30
Operator : SJ/MA
Sample : I2107-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK1DL

Manual Integrations
APPROVED

mohammad
3/13/2017 5:13:41 PM

Quant Time: Mar 13 12:02:59 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



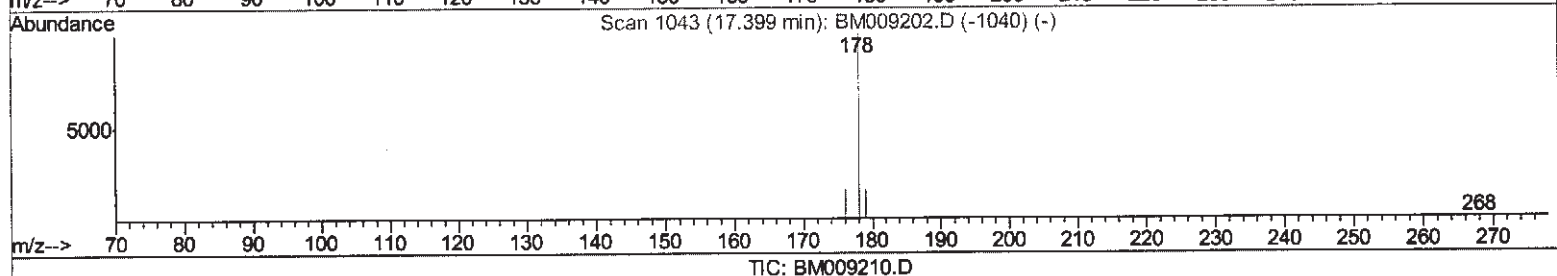
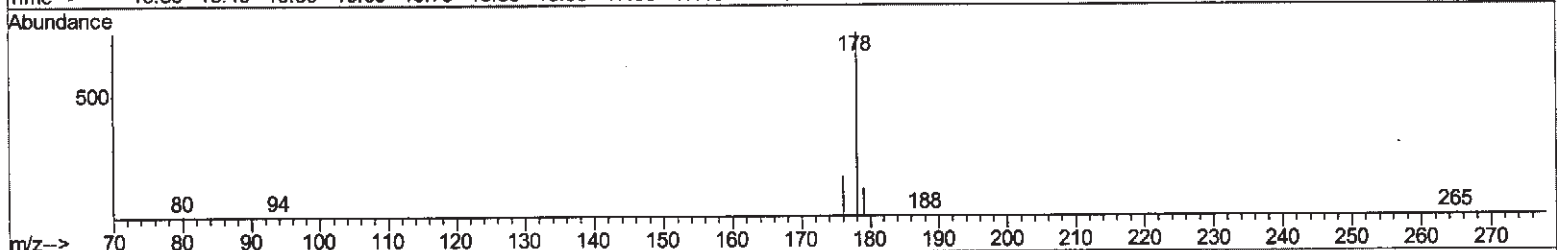
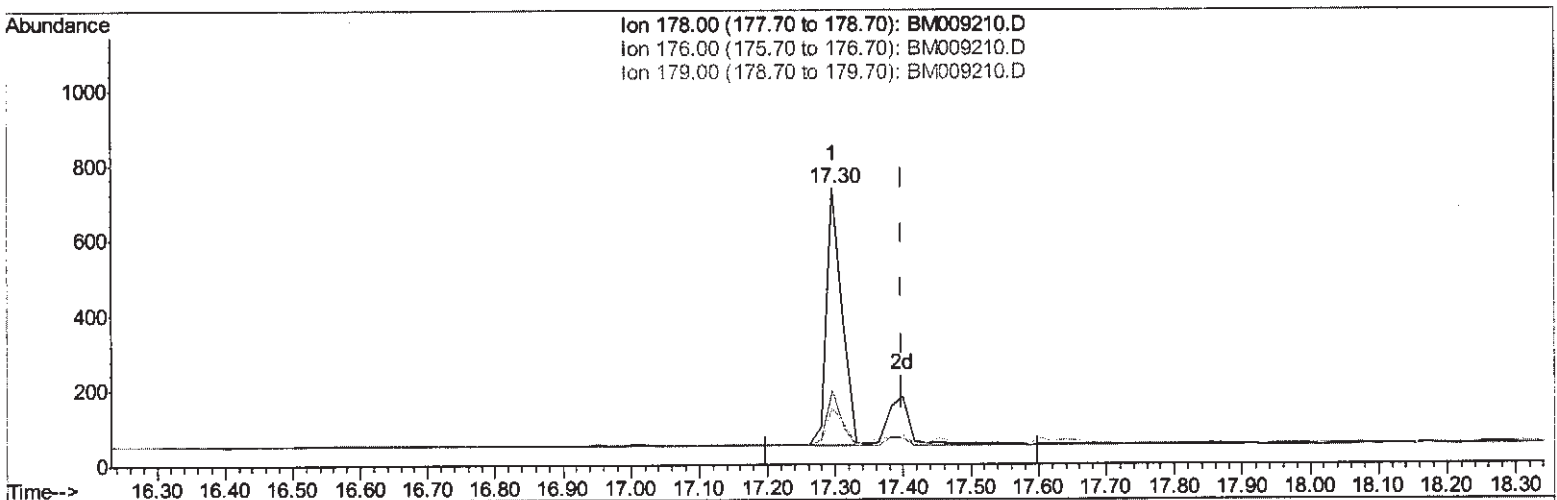
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(13) Anthracene

17.296min (-0.103) 0.40ng/ul

response 1106

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	26.69
179.00	18.40	20.33
0.00	0.00	0.00

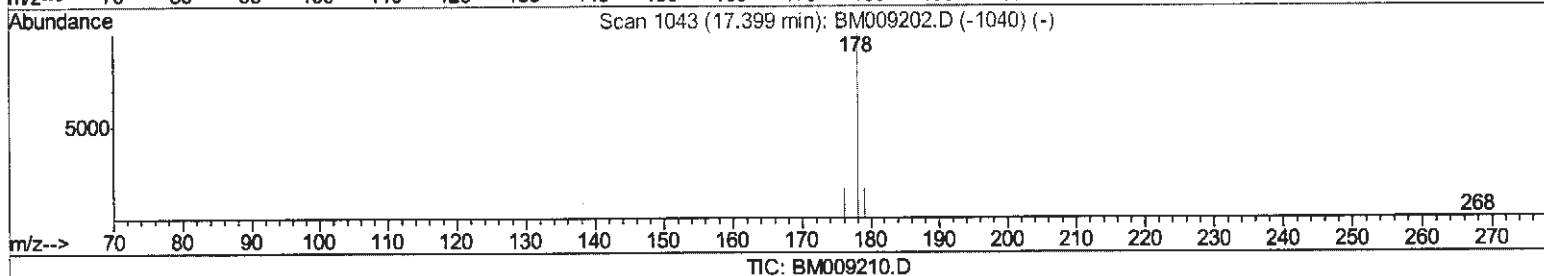
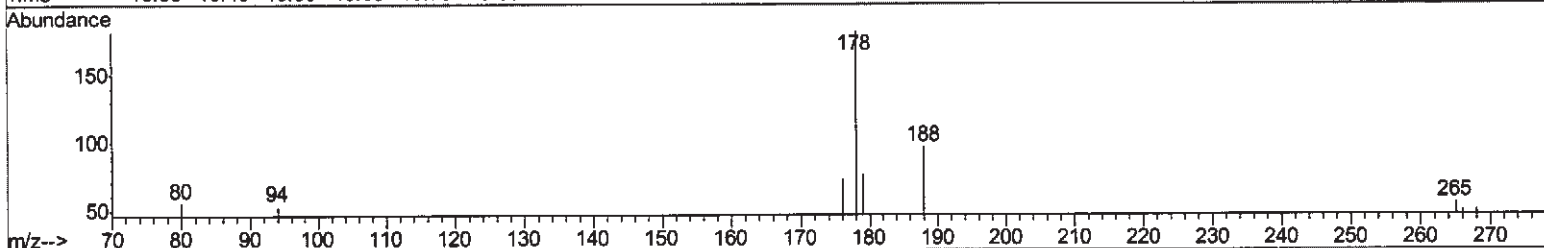
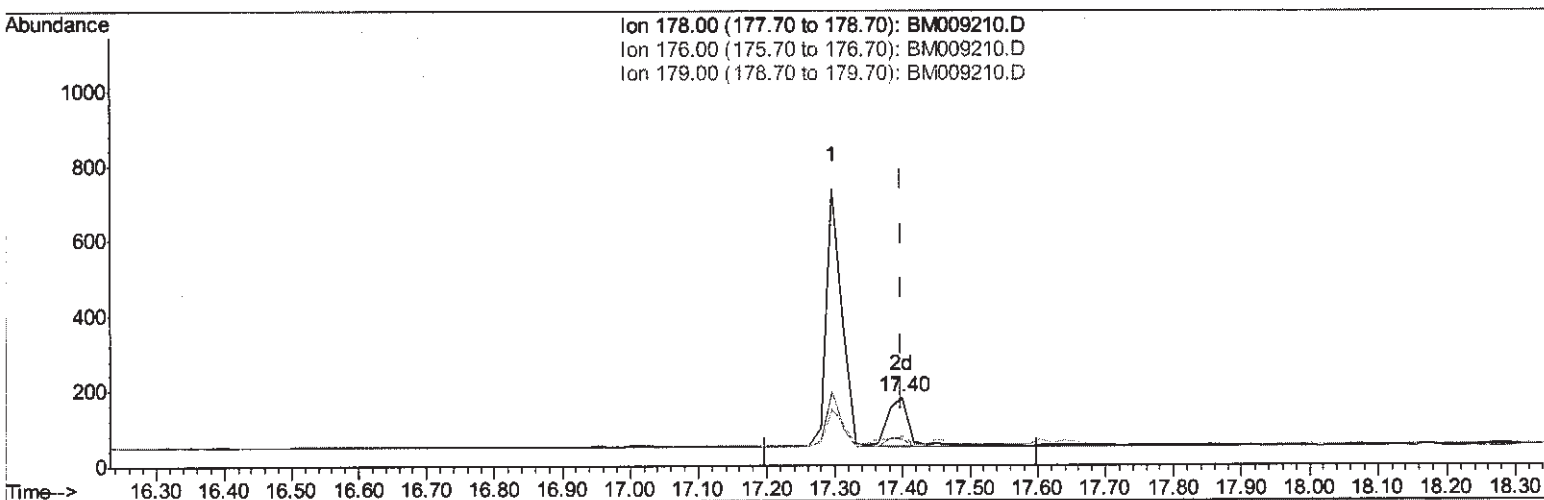
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(13) Anthracene

17.399min (-0.000) 0.10ng/ul m

SJ 3/16/17

response 277

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	39.56#
179.00	18.40	41.76#
0.00	0.00	0.00

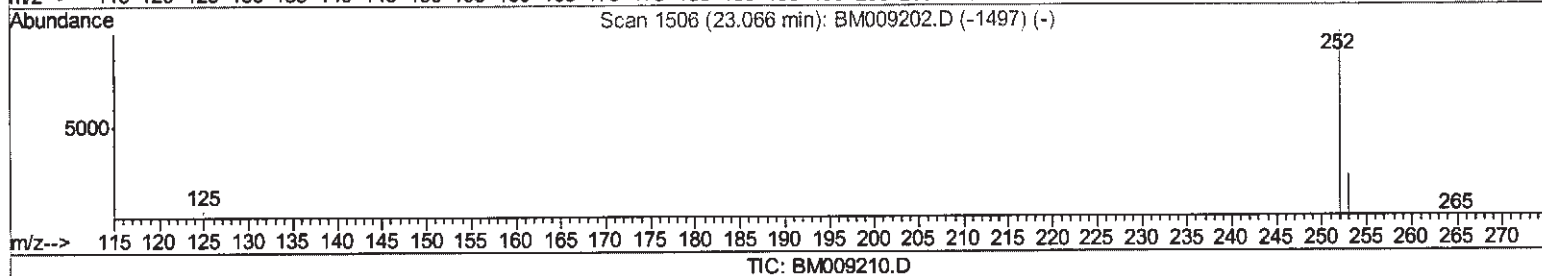
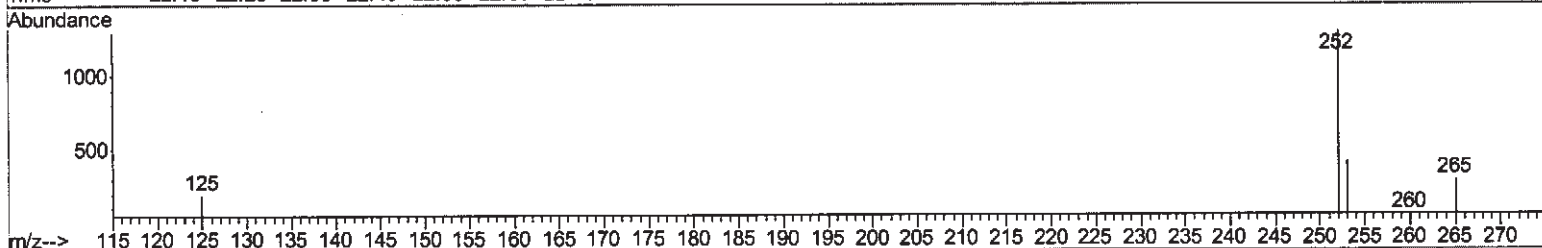
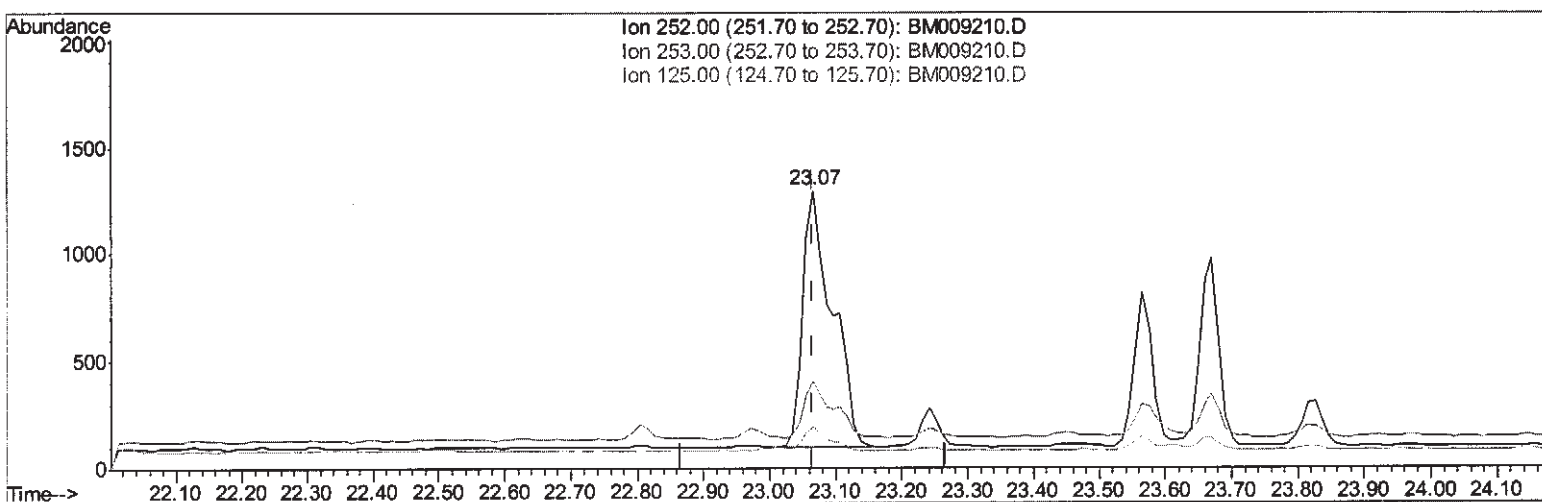
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(21) Benzo(b)fluoranthene

23.065min (-0.000) 0.96ng/ul

response 3713

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.77
125.00	17.50	14.80
0.00	0.00	0.00

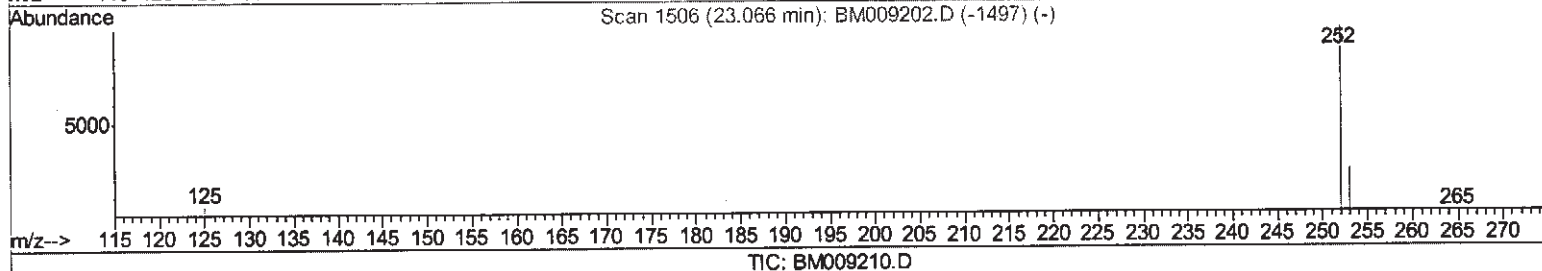
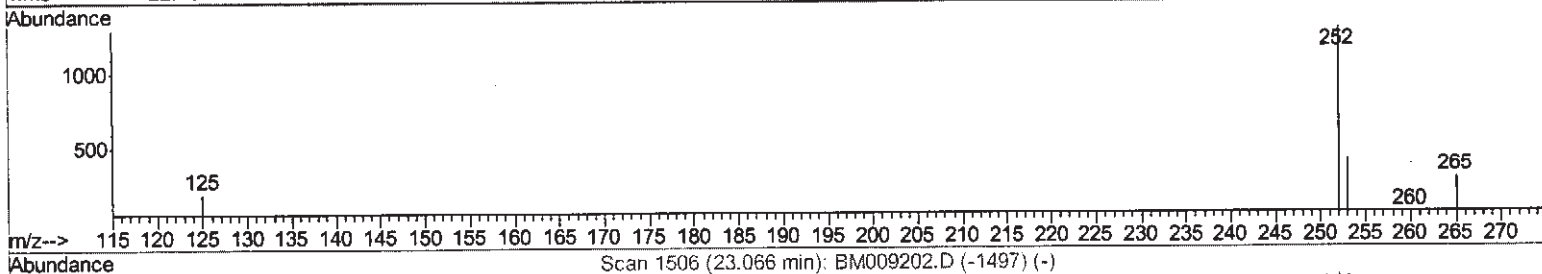
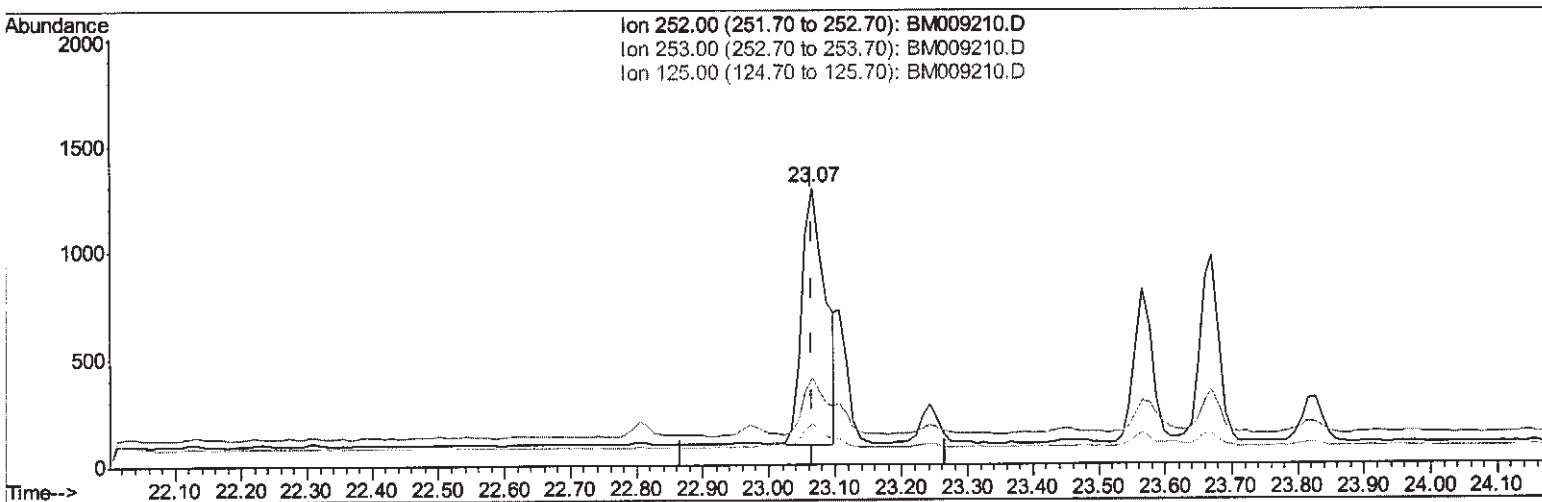
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(21) Benzo(b)fluoranthene

23.065min (-0.000) 0.78ng/ul m

SJ 3/16/17

response 3036

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.77
125.00	17.50	14.80
0.00	0.00	0.00

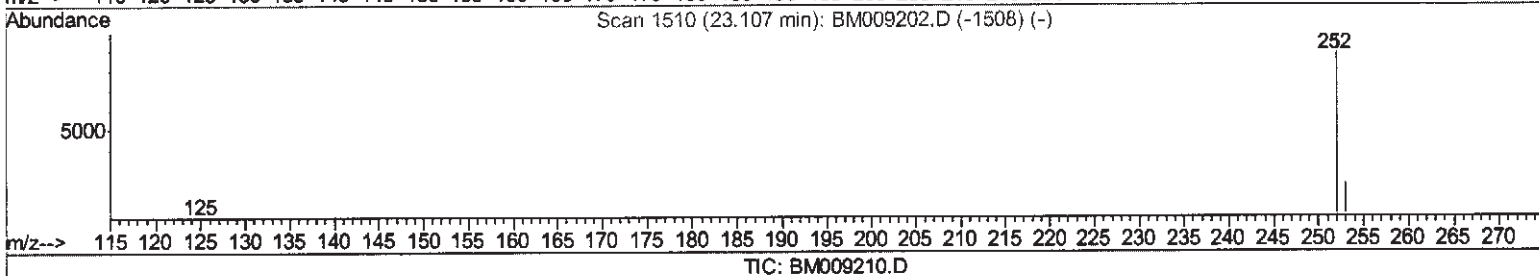
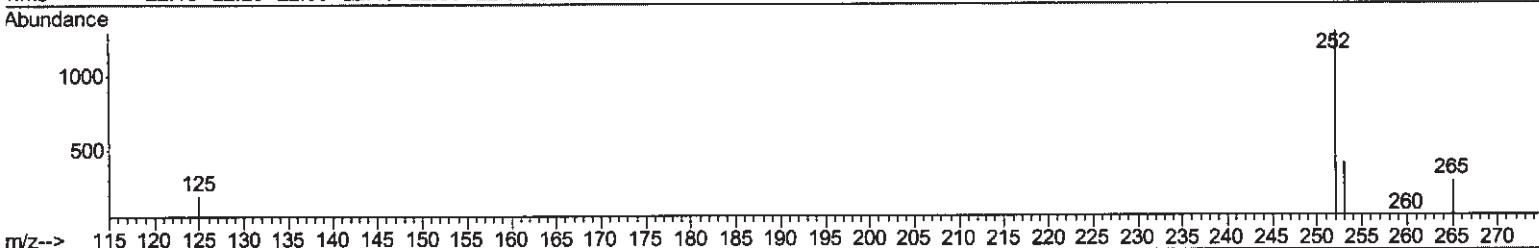
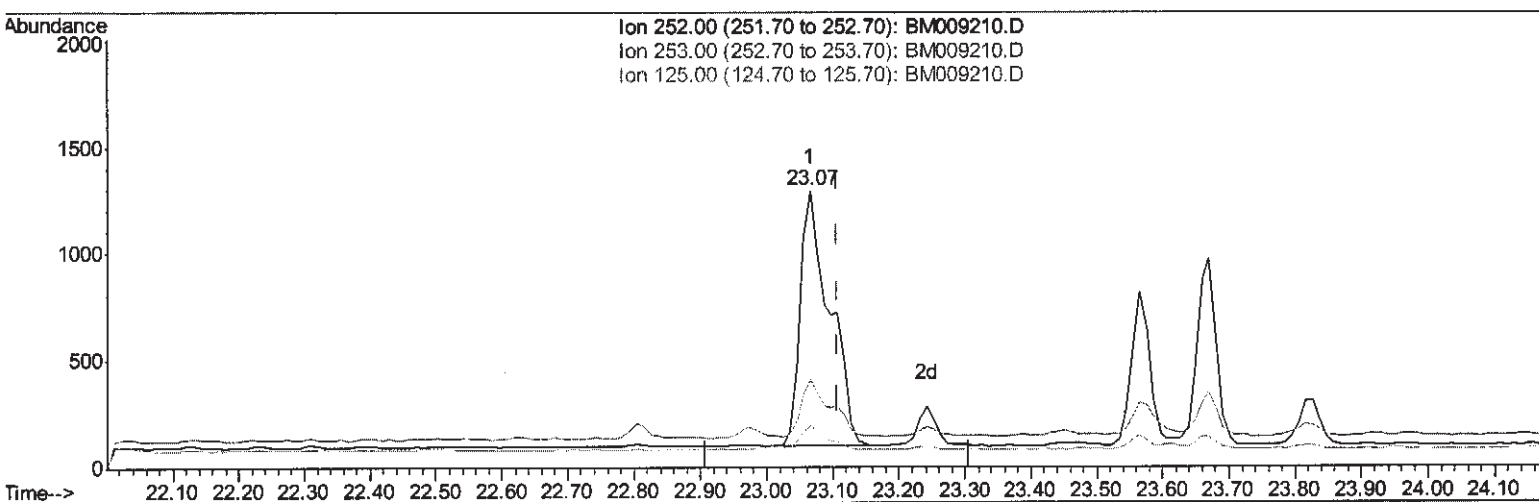
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Sample : I2107-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Mar 13 12:00:12 2017
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(22) Benzo(k)fluoranthene

23.065min (-0.042) 1.08ng/ul

response 3713

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	31.77
125.00	17.10	14.80
0.00	0.00	0.00

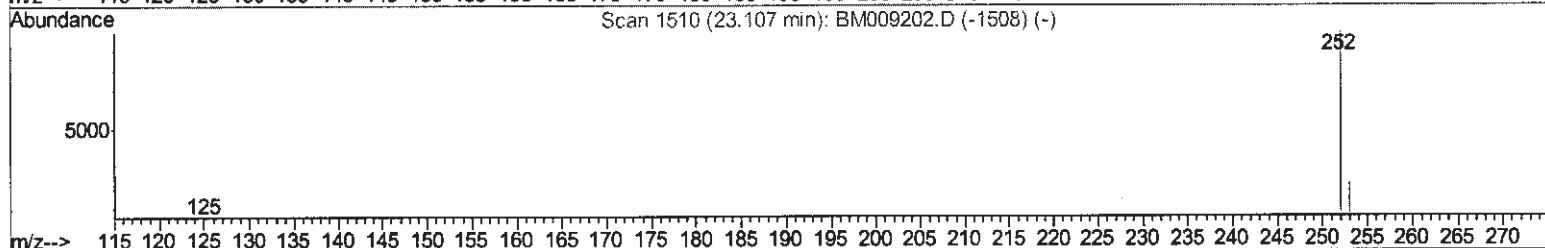
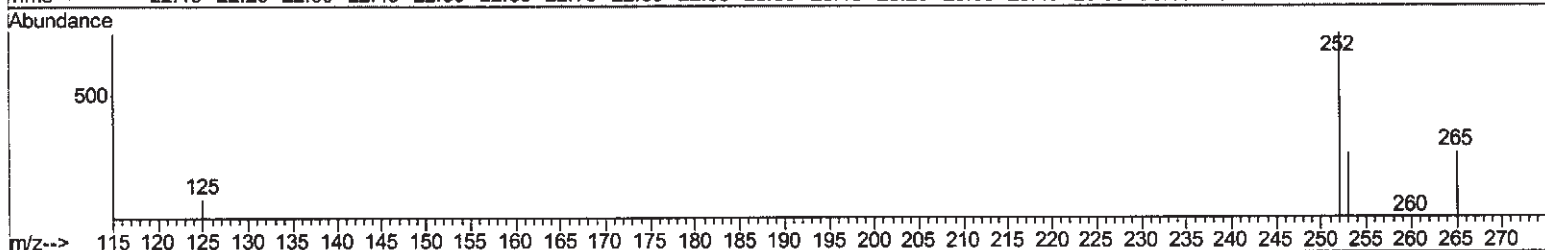
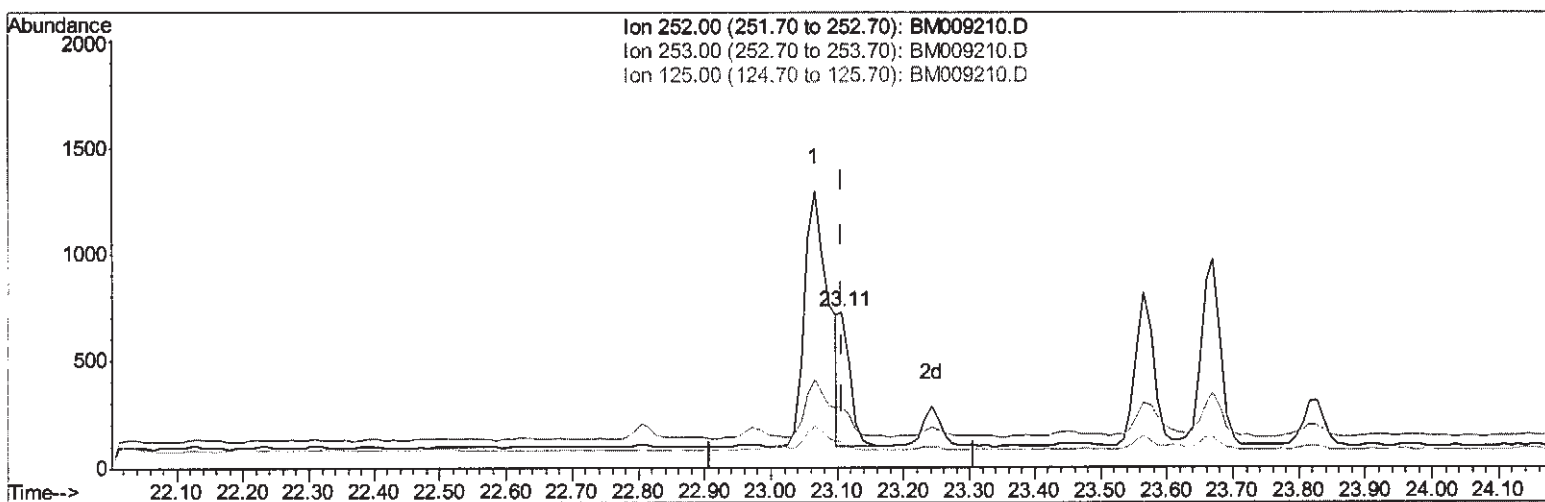
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Sample : I2107-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Mar 13 12:00:12 2017
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TIC: BM009210.D

(22) Benzo(k)fluoranthene

23.107min (-0.000) 0.21ng/ul m

SJ 3/16/17

response 716

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	39.67#
125.00	17.10	16.80
0.00	0.00	0.00

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 Operator : SJ/MA
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	237	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	706	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	401	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	892	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	977	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	988	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	43	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	108	0.04	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.73	128	279	0.14	ng/ul#	59
5) 2-Methylnaphthalene	12.34	142	203	0.14	ng/ul	93
7) Acenaphthylene	14.23	152	119	0.06	ng/ul#	21
8) Acenaphthene	14.57	153	49	0.03	ng/ul#	82
9) Fluorene	15.56	166	46	0.02	ng/ul#	66
12) Phenanthrene	17.30	178	1106	0.39	ng/ul	92
13) Anthracene	17.40	178	277m>	0.10	ng/ul	
15) Fluoranthene	19.31	202	2656	0.73	ng/ul	97
17) Pyrene	19.68	202	2535	0.75	ng/ul	95
18) Benzo(a)anthracene	21.42	228	1556	0.48	ng/ul	93
19) Chrysene	21.47	228	1661	0.54	ng/ul	92
21) Benzo(b)fluoranthene	23.07	252	3036m}	0.78	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	716m}	0.21	ng/ul	
23) Benzo(a)pyrene	23.67	252	1737	0.50	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	26.15	276	1417	0.32	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.15	278	367	0.10	ng/ul#	45
26) Benzo(g,h,i)perylene	26.88	276	1297	0.34	ng/ul#	92

SJ 3/16/17

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