

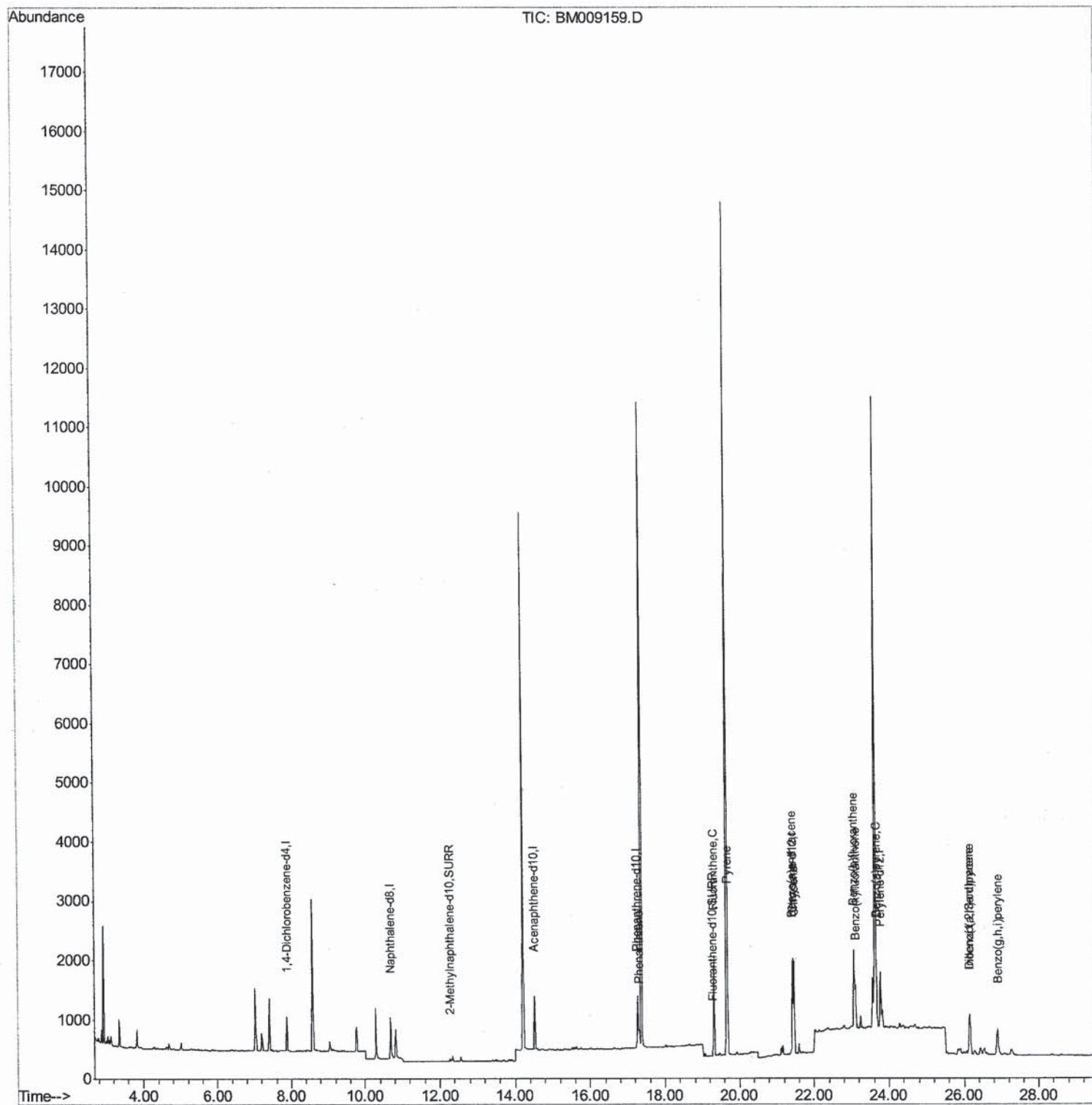
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009159.D
Acq On : 09 Mar 2017 23:21
Operator : SJ/MA
Sample : I2062-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:41 PM

Quant Time: Mar 10 03:54:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration



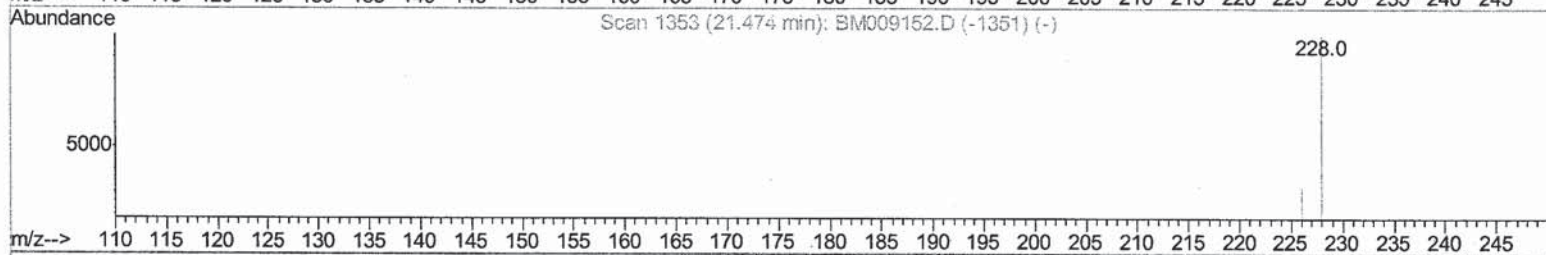
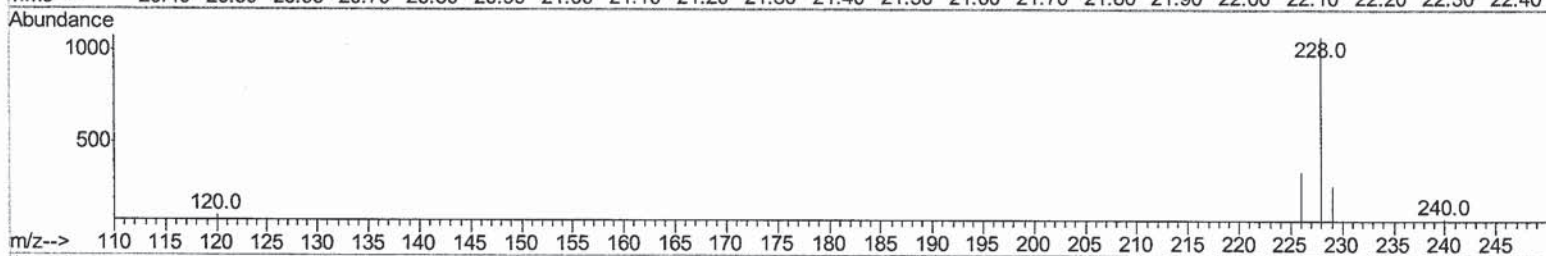
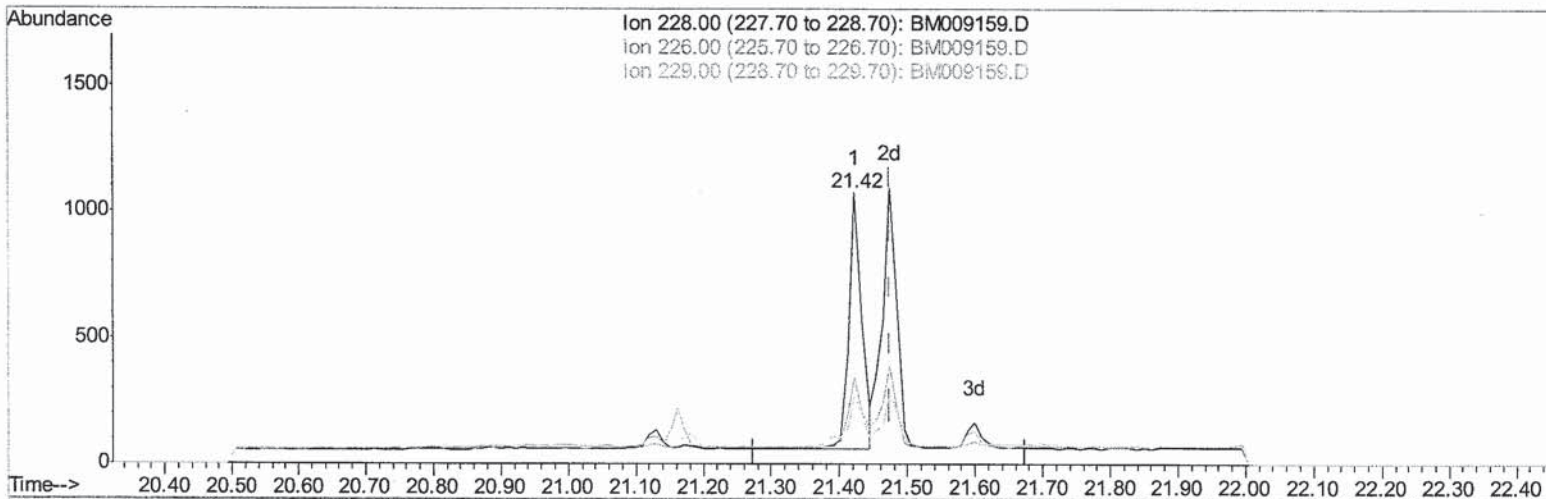
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TIC: BM009159.D

(19) Chrysene

21.422min (-0.052) 0.33ng/ul

response 1331

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.03
229.00	22.10	25.23
0.00	0.00	0.00

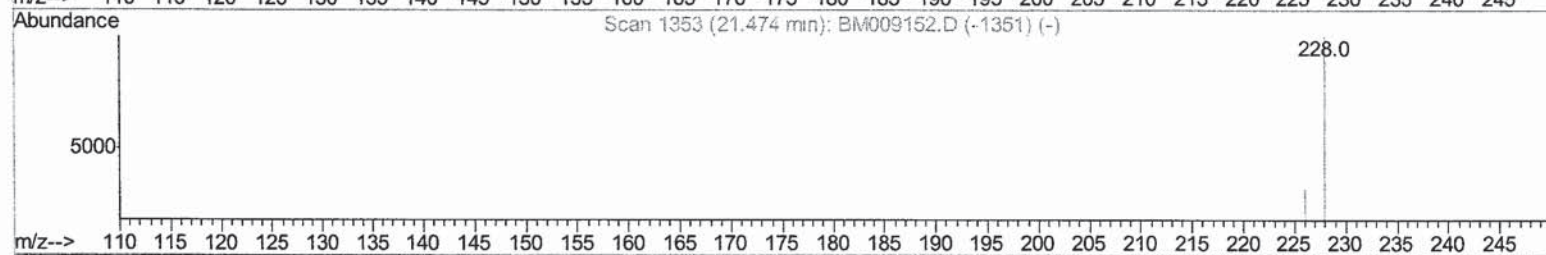
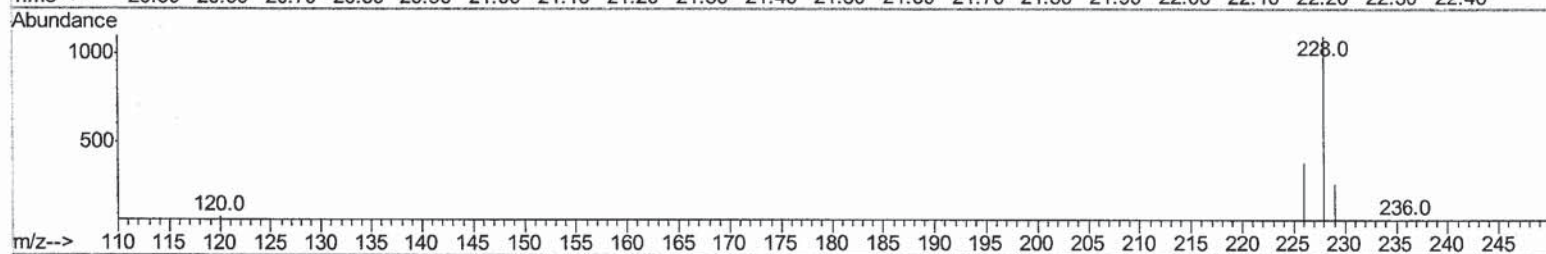
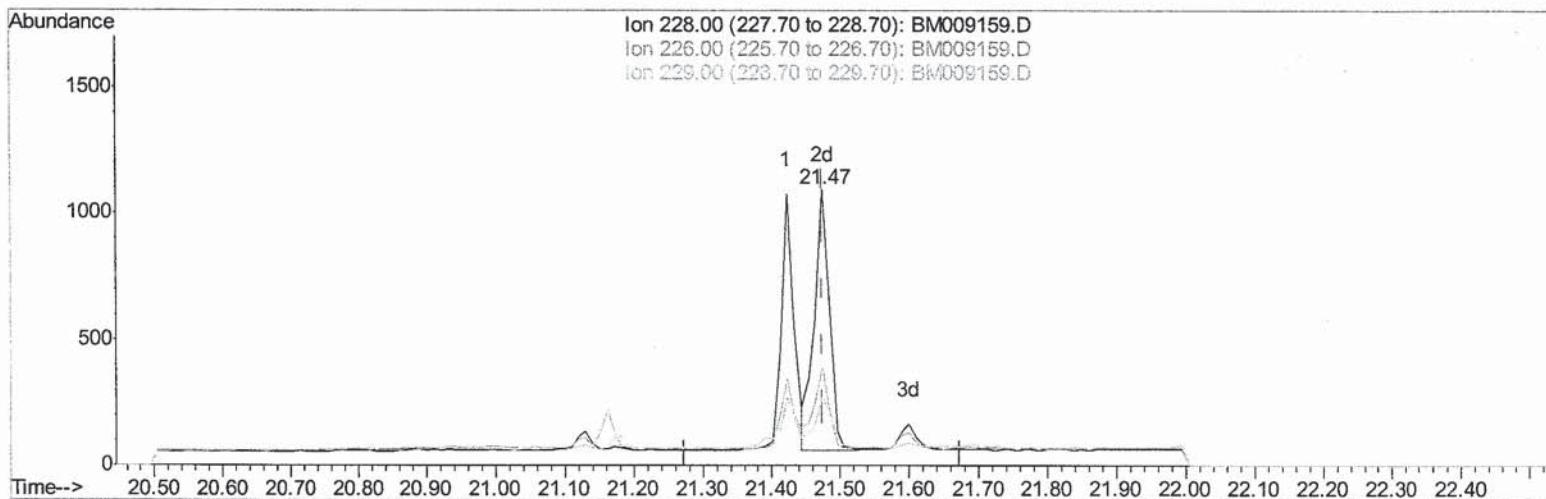
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TIC: BM009159.D

(19) Chrysene

21.474min (+0.000) 0.39ng/ul m

SJ 3/13/17

response 1556

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	35.58#
229.00	22.10	24.82
0.00	0.00	0.00

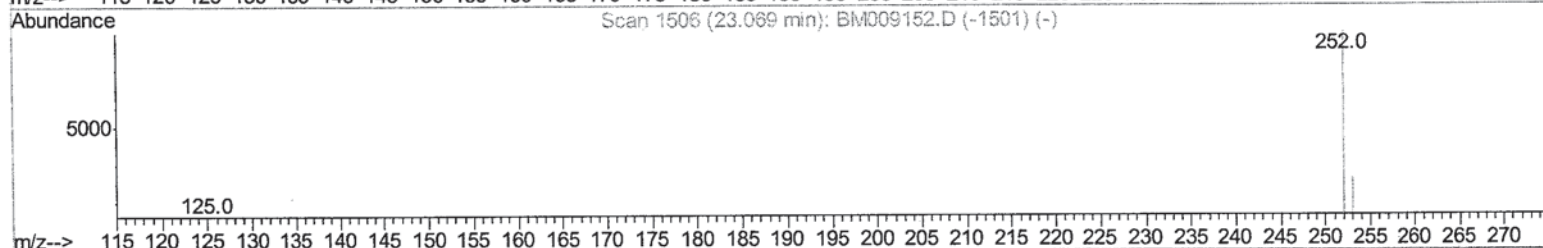
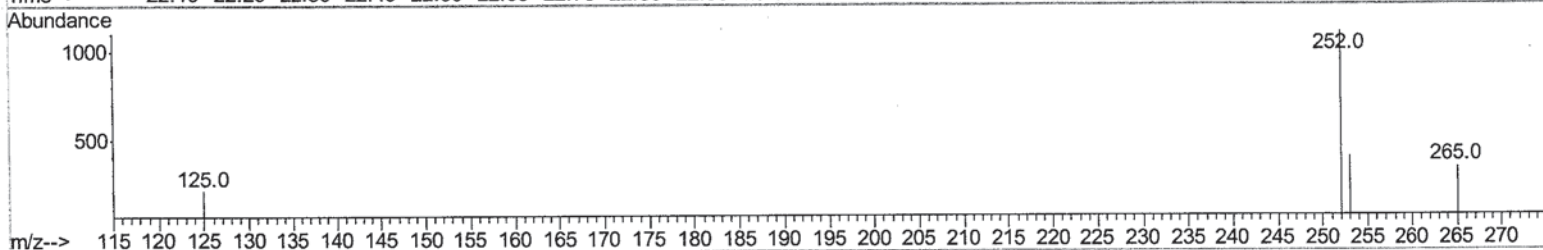
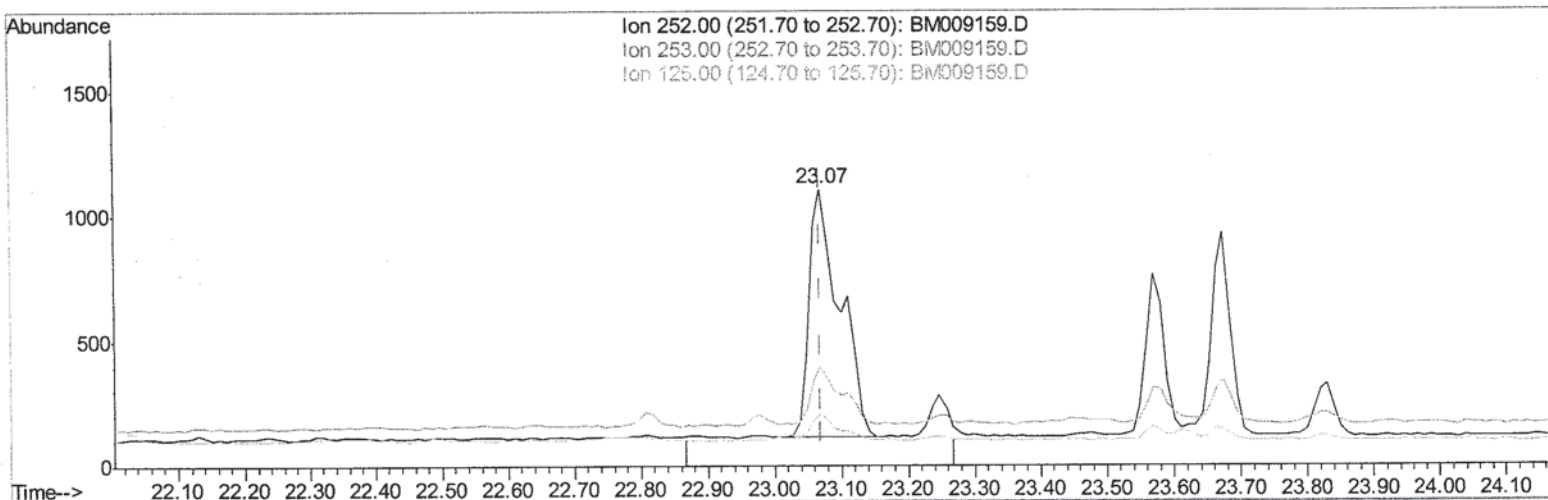
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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TIC: BM009159.D

(21) Benzo(b)fluoranthene

23.069min (+0.000) 0.62ng/ul

response 3171

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.83
125.00	17.50	18.68
0.00	0.00	0.00

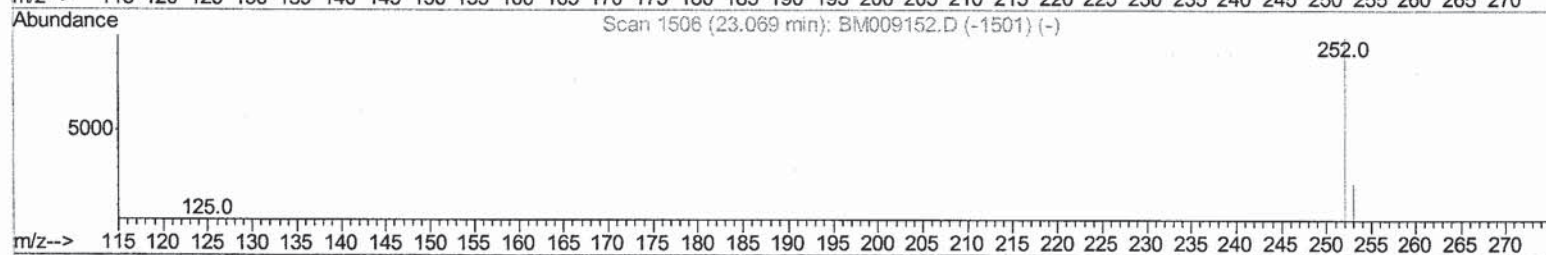
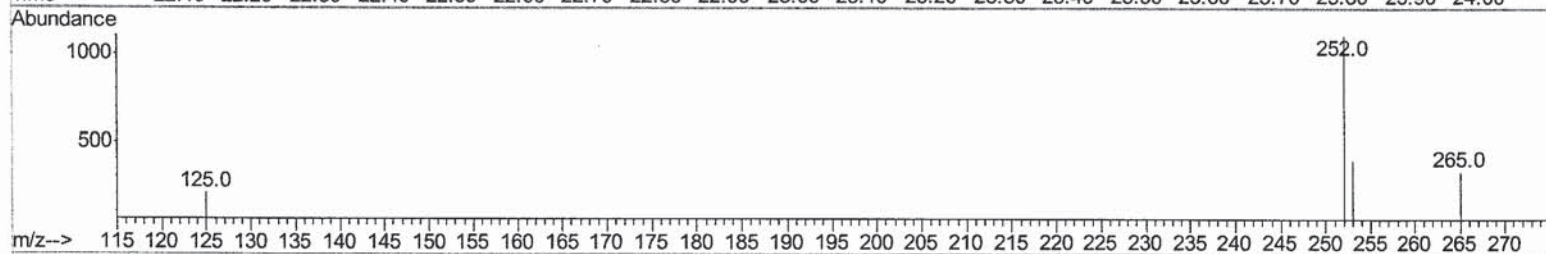
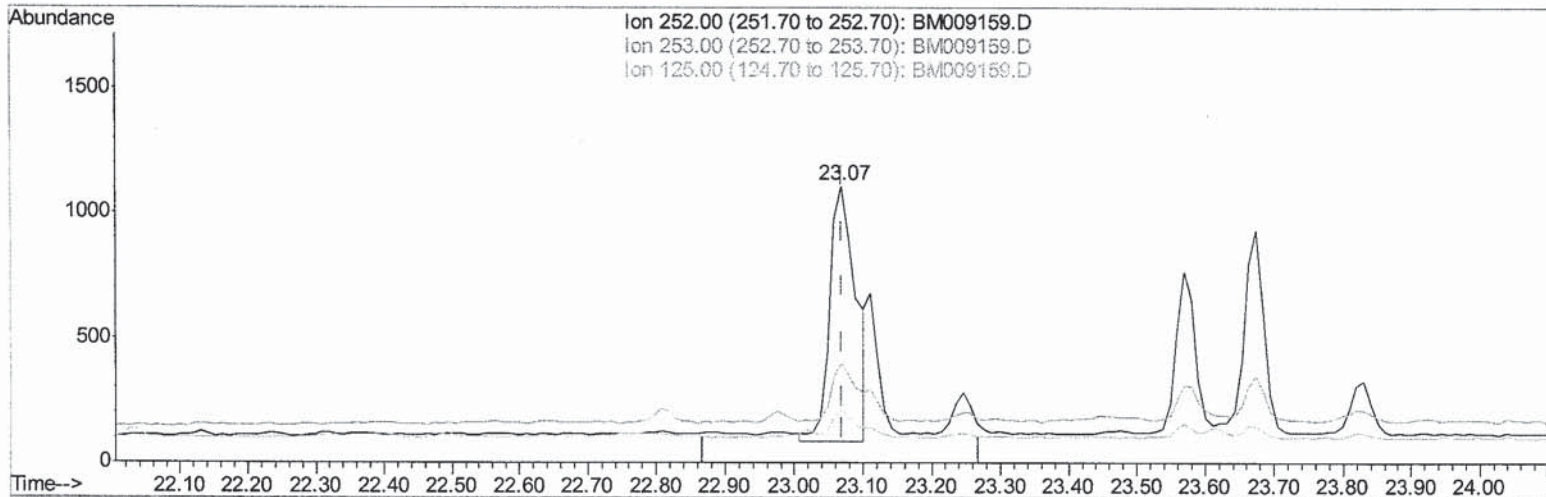
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009159.D
Acq On : 09 Mar 2017 23:21
Operator : SJ/MA
Sample : I2062-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:41 PM

Quant Time: Mar 10 03:17:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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Response via : Initial Calibration



TIC: BM009159.D

(21) Benzo(b)fluoranthene

23.069min (+0.000) 0.52ng/ul m

SJ 3/13/17

response 2695

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.83
125.00	17.50	18.68
0.00	0.00	0.00

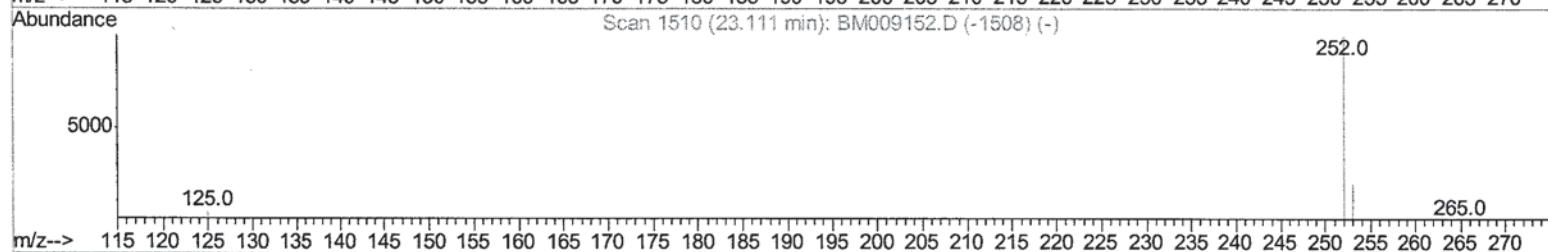
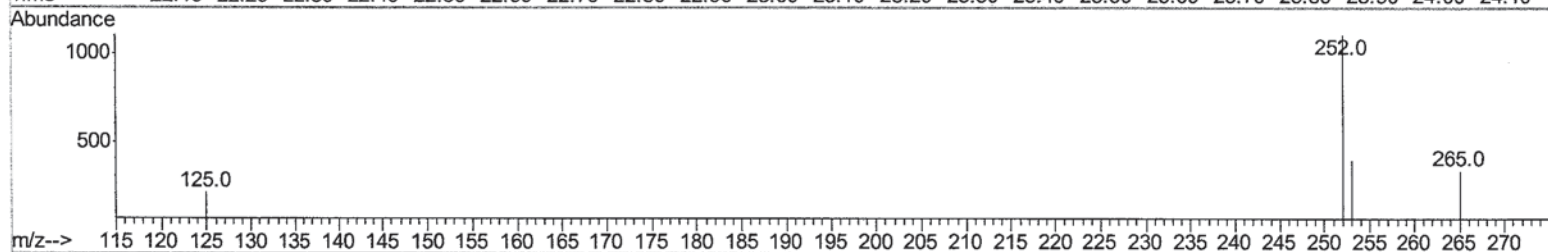
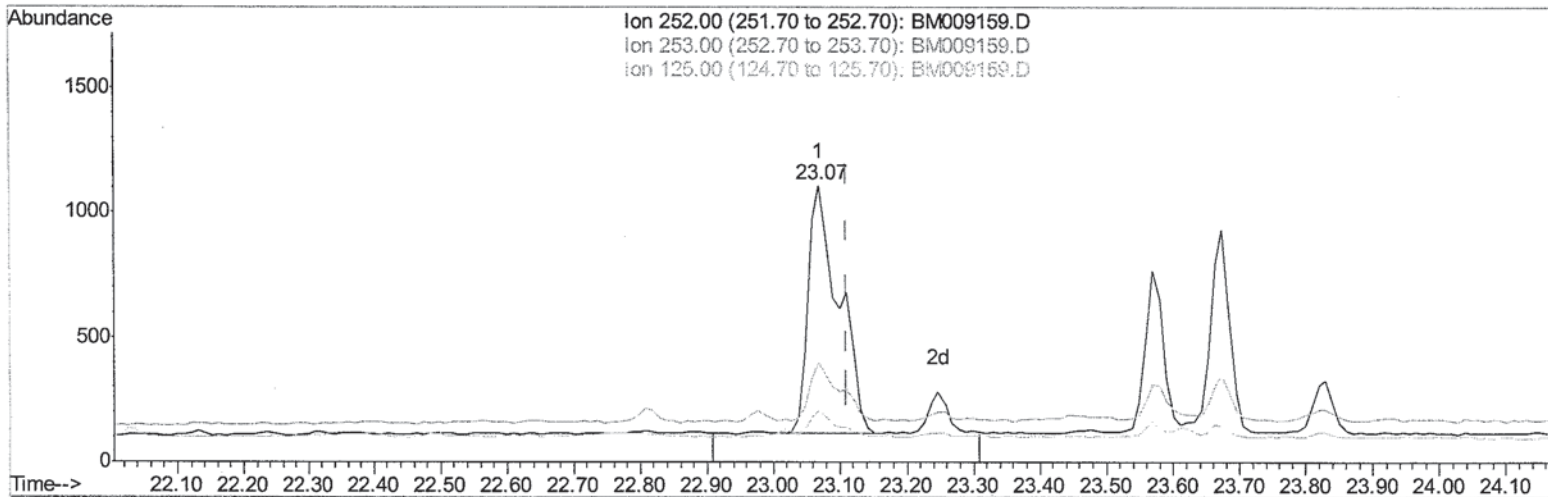
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009159.D
Acq On : 09 Mar 2017 23:21
Operator : SJ/MA
Sample : I2062-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations
APPROVED

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Quant Time: Mar 10 03:17:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration



TIC: BM009159.D

(22) Benzo(k)fluoranthene

23.069min (-0.042) 0.70ng/ul

response 3171

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.83
125.00	17.10	18.68
0.00	0.00	0.00

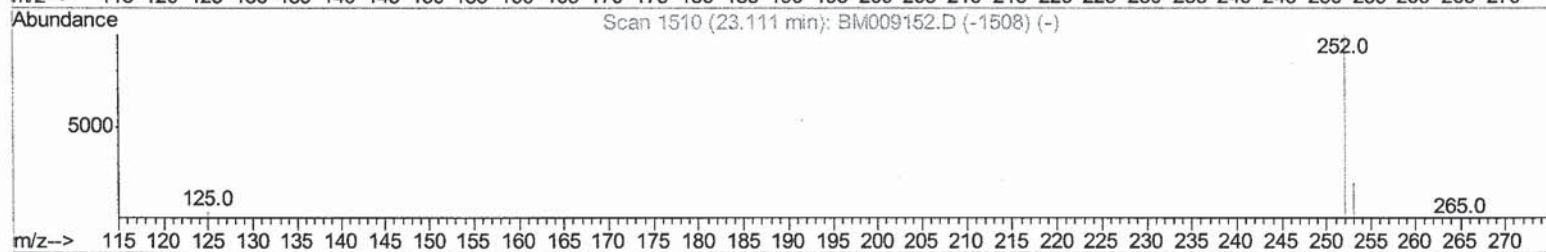
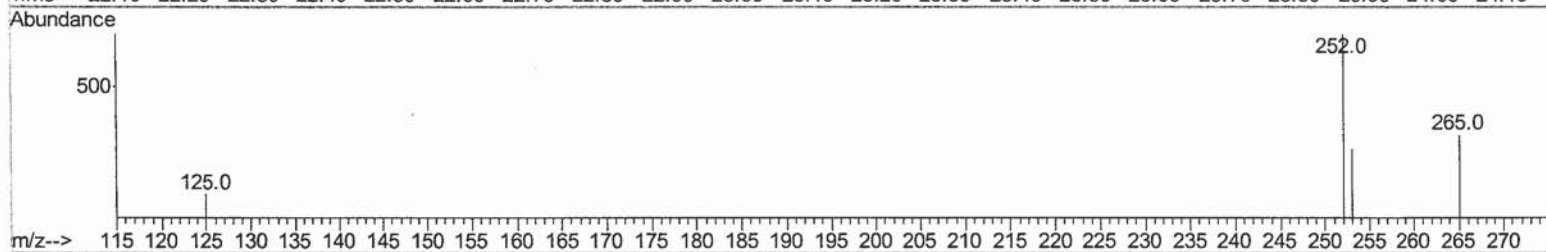
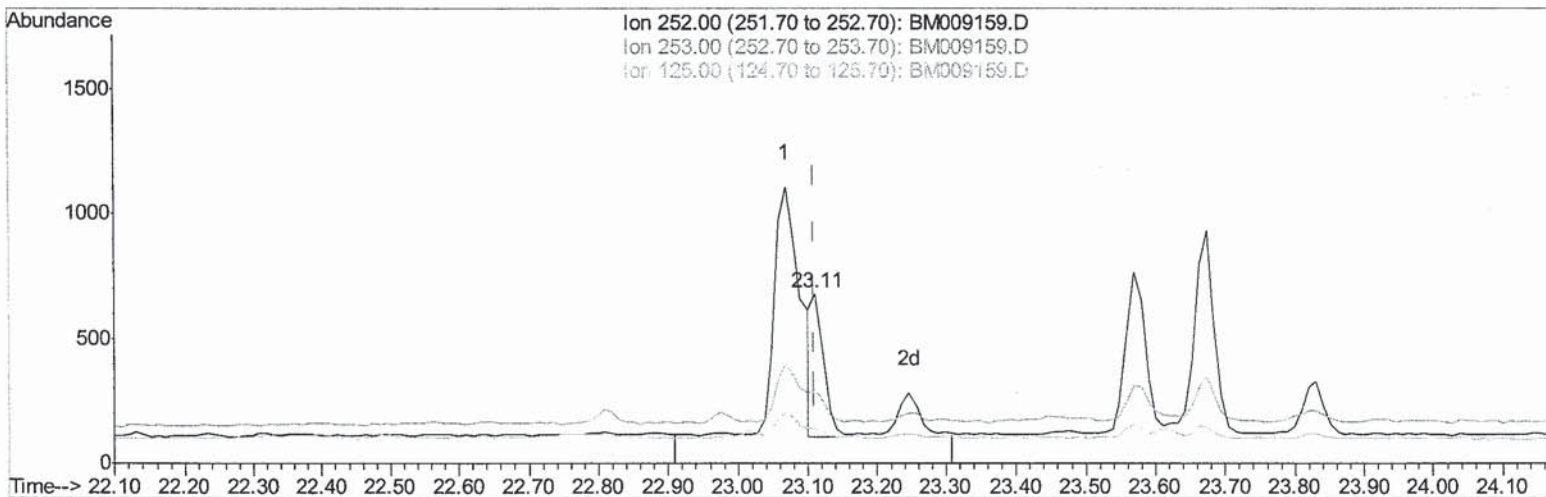
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Data File : BM009159.D
Acq On : 09 Mar 2017 23:21
Operator : SJ/MA
Sample : I2062-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations
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Quant Time: Mar 10 03:17:48 2017
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TIC: BM009159.D

(22) Benzo(k)fluoranthene

23.111min (+0.000) 0.15ng/ul m

SJ 3/13/17

response 667

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	43.24#
125.00	17.10	20.59#
0.00	0.00	0.00

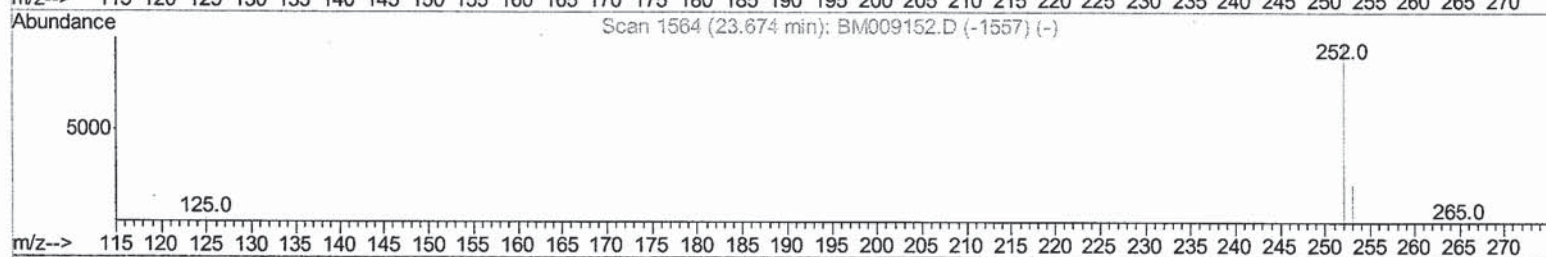
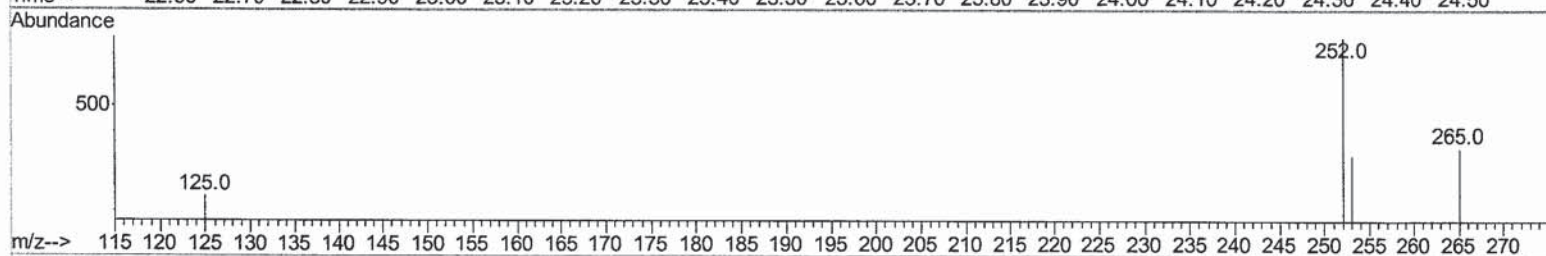
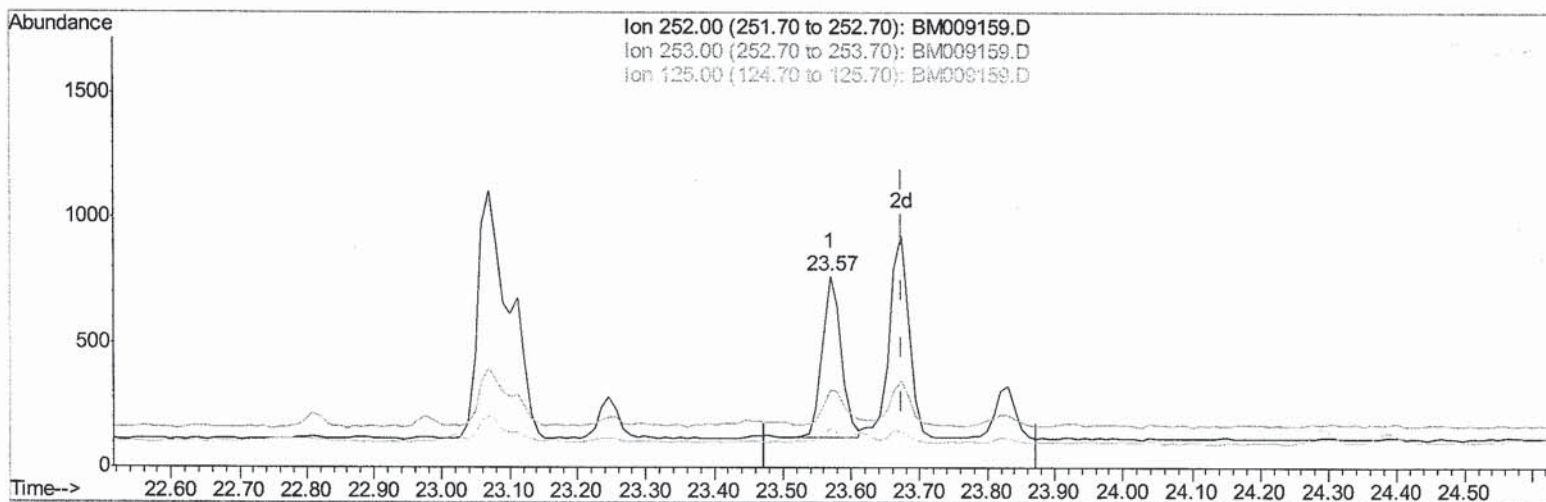
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Data File : BM009159.D
Acq On : 09 Mar 2017 23:21
Operator : SJ/MA
Sample : I2062-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
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Manual Integrations
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Quant Time: Mar 10 03:17:48 2017
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TIC: BM009159.D

(23) Benzo(a)pyrene (C)

23.569min (-0.104) 0.27ng/ul

response 1253

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	40.68
125.00	22.60	20.21
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009159.D
Acq On : 09 Mar 2017 23:21
Operator : SJ/MA
Sample : I2062-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:41 PM

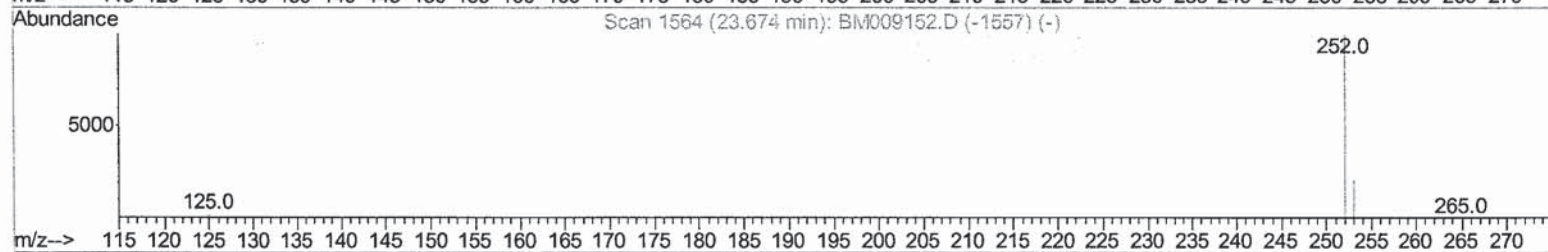
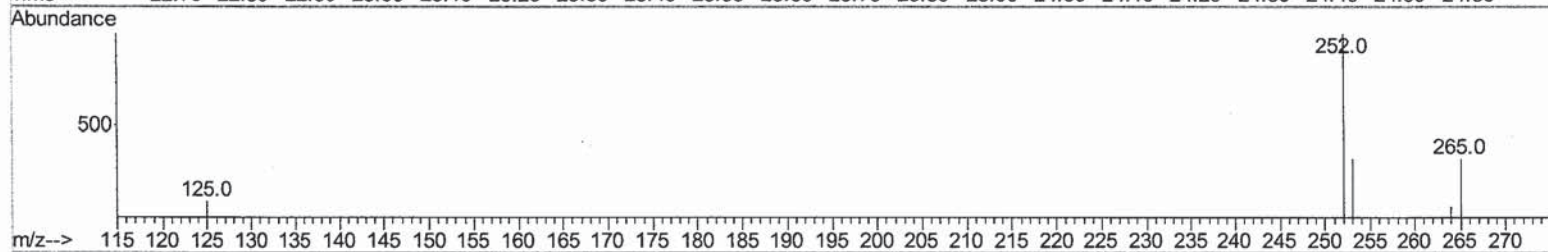
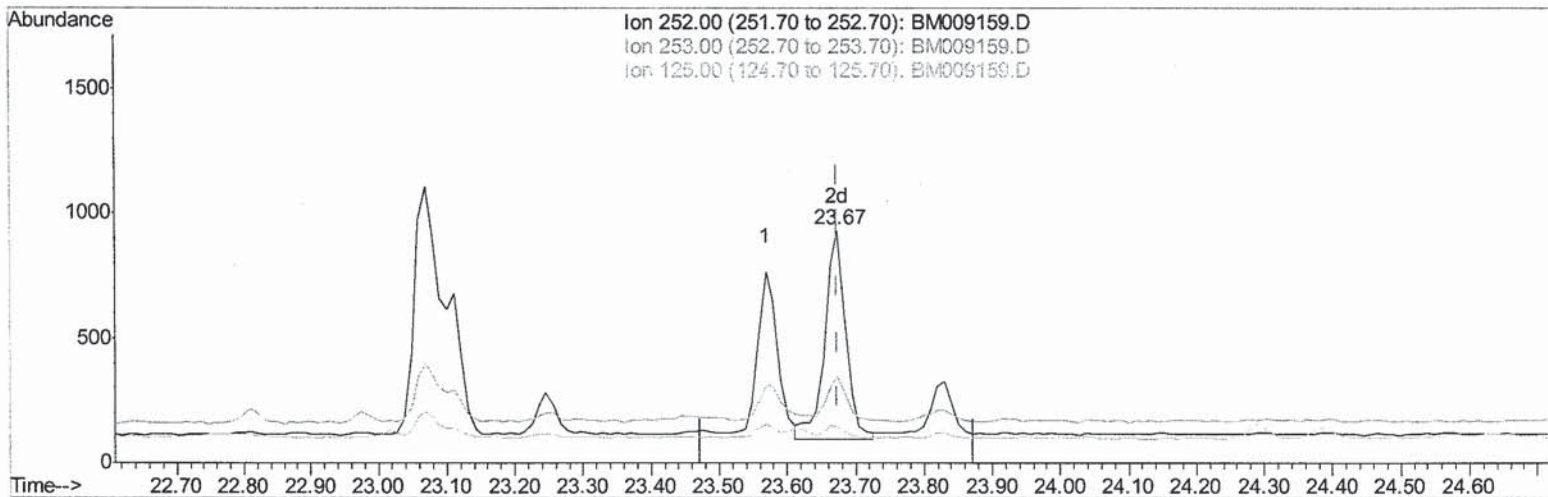
Quant Time: Mar 10 03:17:48 2017

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 10 03:16:46 2017

Response via : Initial Calibration



TIC: BM009159.D

(23) Benzo(a)pyrene (C)

23.674min (+0.000) 0.38ng/ul m

SJ 3/13/17

response 1778

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	37.41
125.00	22.60	15.54#
0.00	0.00	0.00

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 ALS Vial : 22 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	302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	905	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	504	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1139	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1275	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1312	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	74	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	195	0.05	ng/ul	0.00

Target Compounds				Ovalue		
12) Phenanthrene	17.30	178	491	0.14	ng/ul#	71
15) Fluoranthene	19.32	202	1654	0.35	ng/ul	98
17) Pyrene	19.68	202	1585	0.36	ng/ul	93
18) Benzo(a)anthracene	21.42	228	1331	0.31	ng/ul	93
19) Chrysene	21.47	228	1556m	0.39	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	2695m	0.52	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	667m	0.15	ng/ul	
23) Benzo(a)pyrene	23.67	252	1778m	0.38	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	1203	0.20	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.15	278	291	0.06	ng/ul#	16
26) Benzo(g,h,i)perylene	26.89	276	1109	0.22	ng/ul#	91

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

SJ 3/13/17