

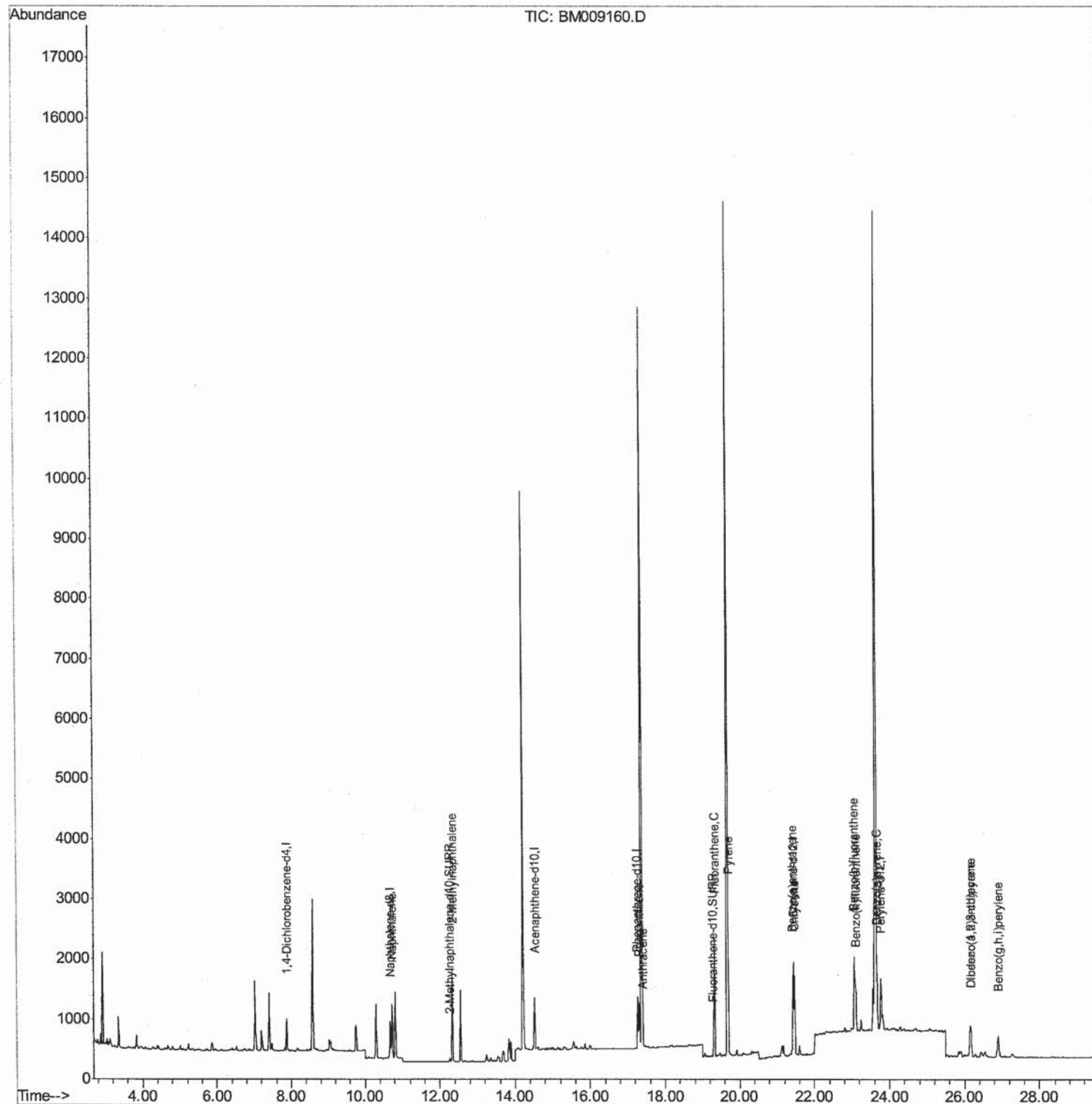
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK6DL

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:44 PM

Quant Time: Mar 10 03:58:43 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



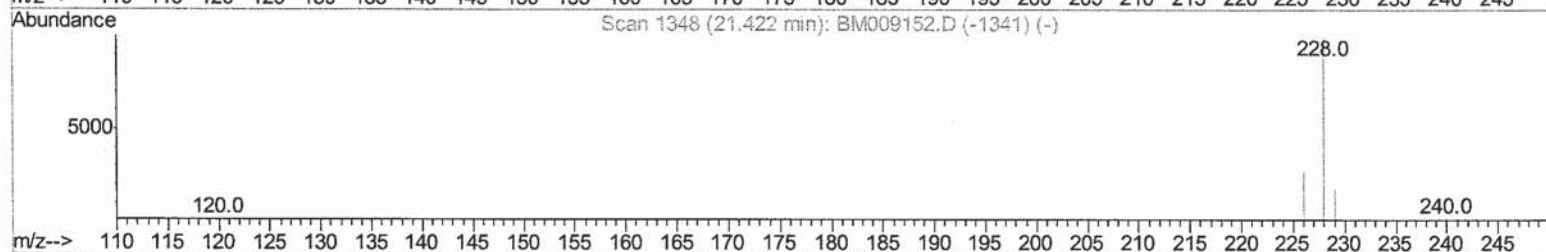
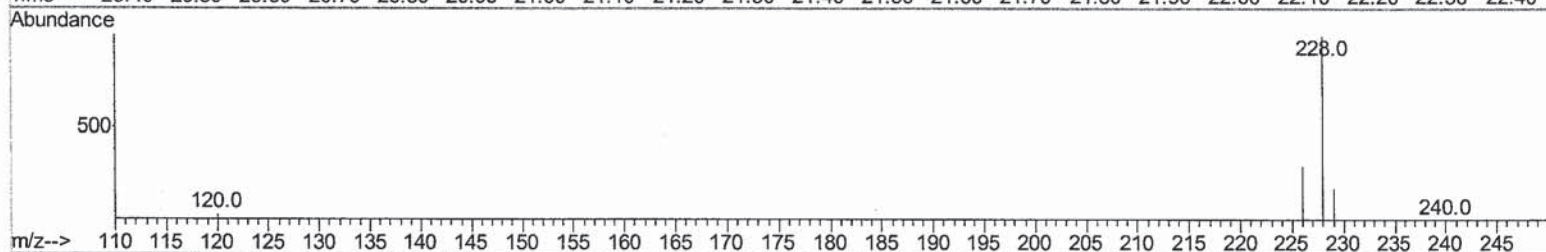
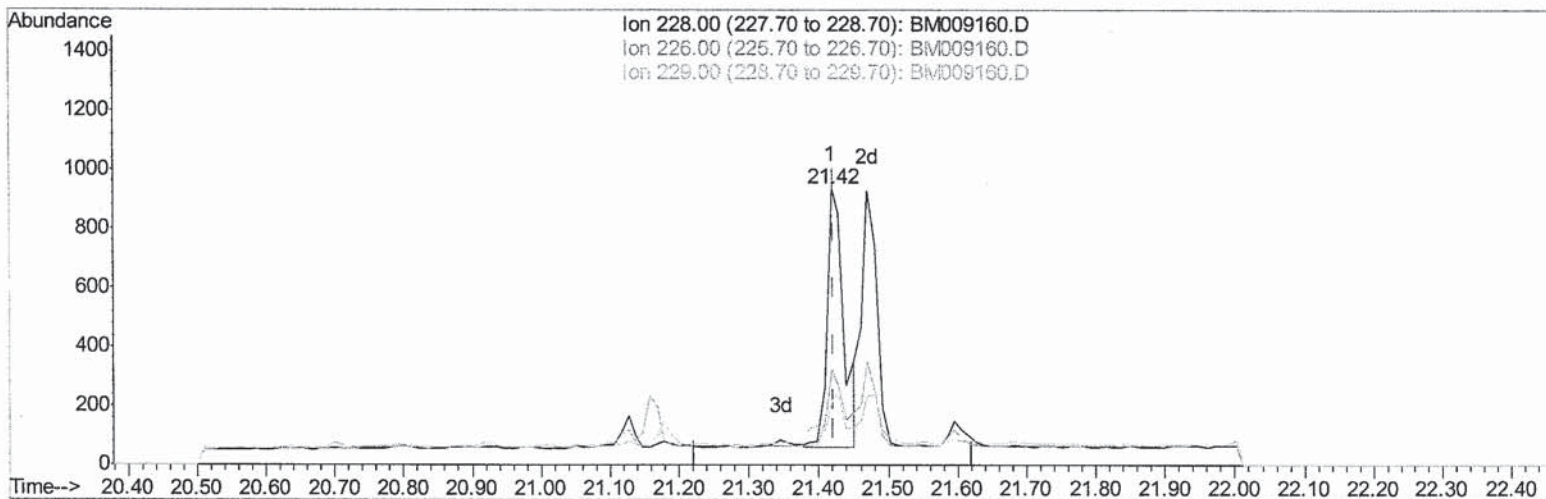
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
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TIC: BM009160.D

(18) Benzo(a)anthracene

21.419min (-0.003) 0.37ng/ul

response 1500

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	34.51#
229.00	21.30	23.29
0.00	0.00	0.00

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Instrument :
BNA_M
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Manual Integrations
APPROVED

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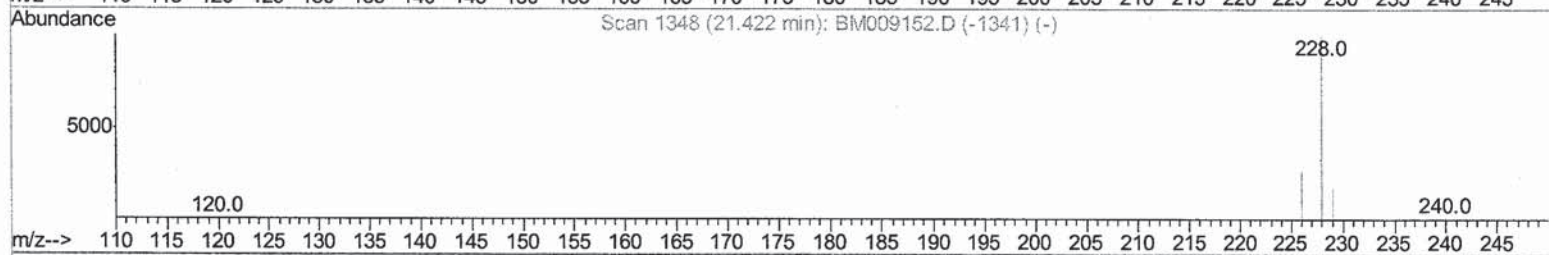
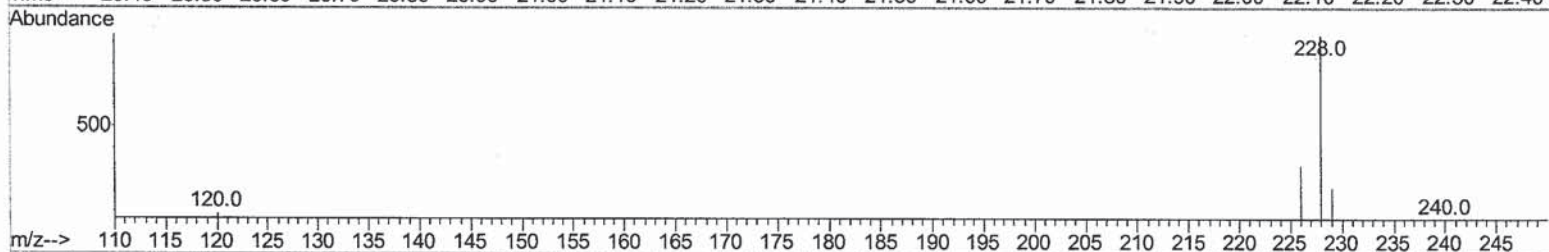
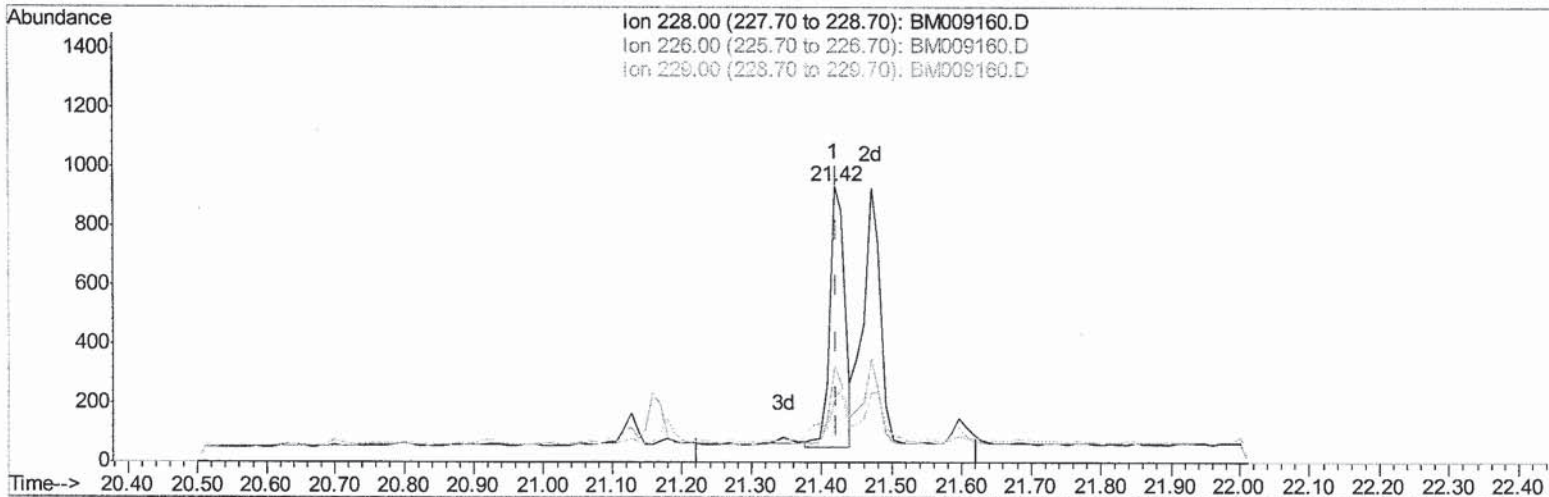
Quant Time: Mar 10 03:17:54 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC: BM009160.D

(18) Benzo(a)anthracene

21.419min (-0.003) 0.33ng/ul m SJ 3/13/17

response 1360

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	34.51#
229.00	21.30	23.29
0.00	0.00	0.00

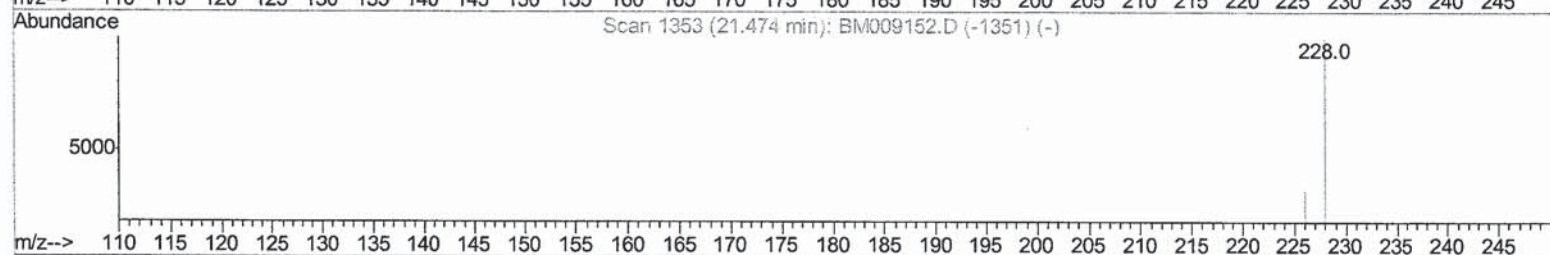
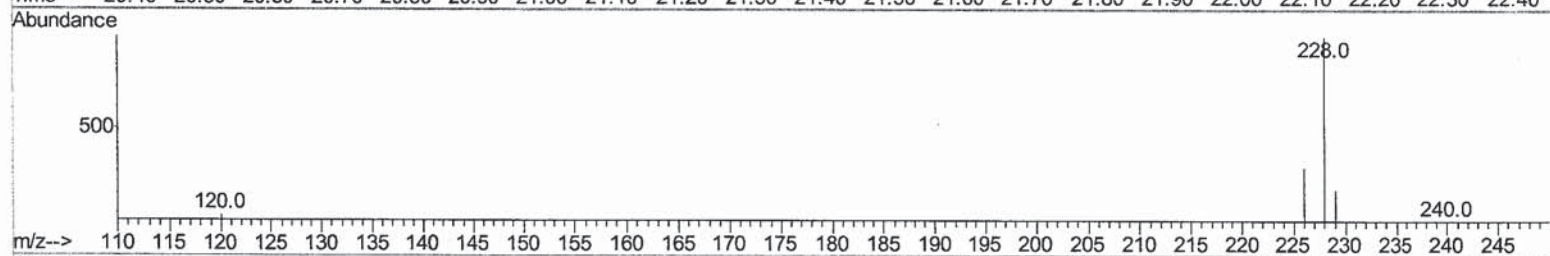
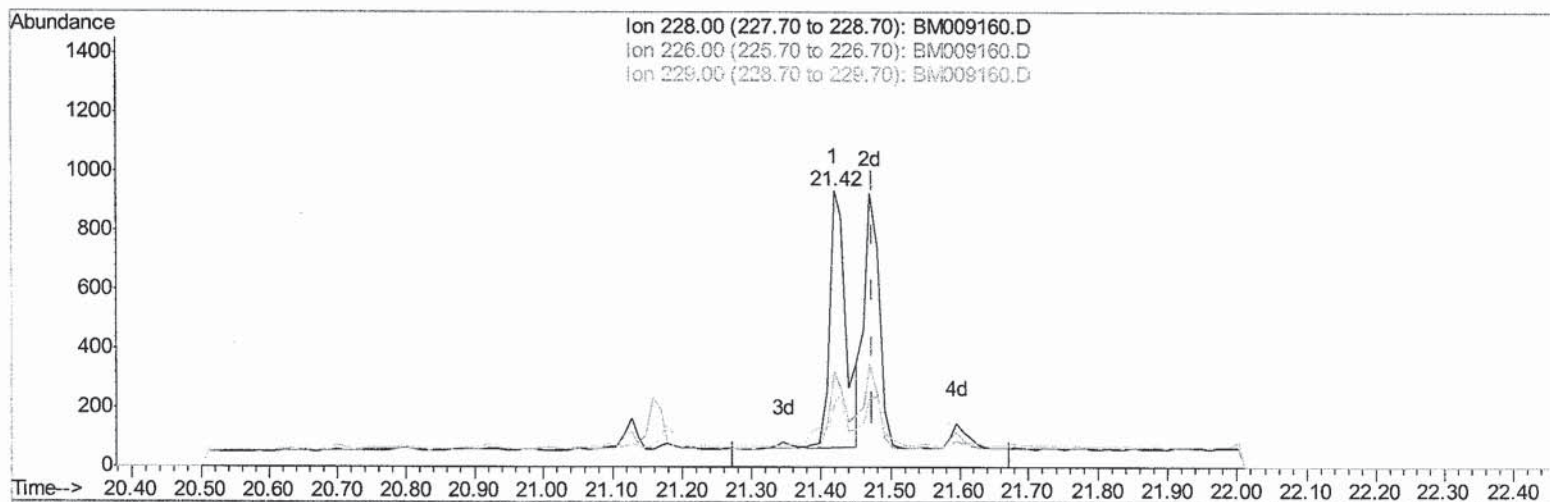
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM009160.D

(19) Chrysene

21.419min (-0.056) 0.38ng/ul

response 1480

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	34.51
229.00	22.10	23.29
0.00	0.00	0.00

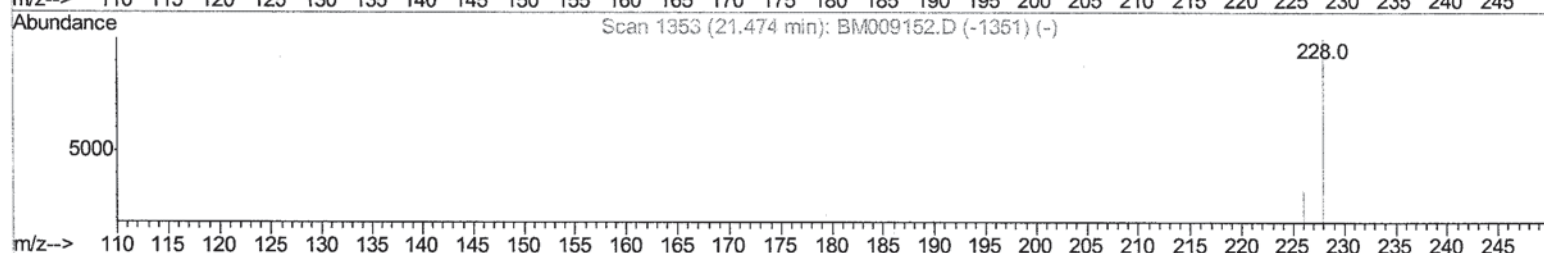
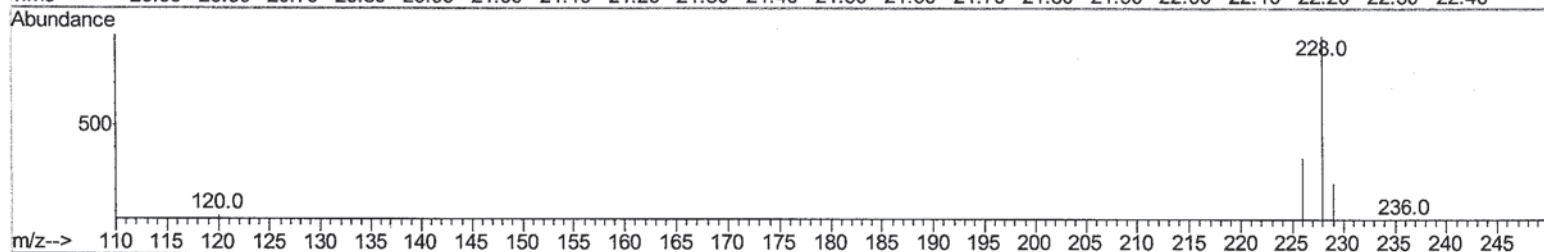
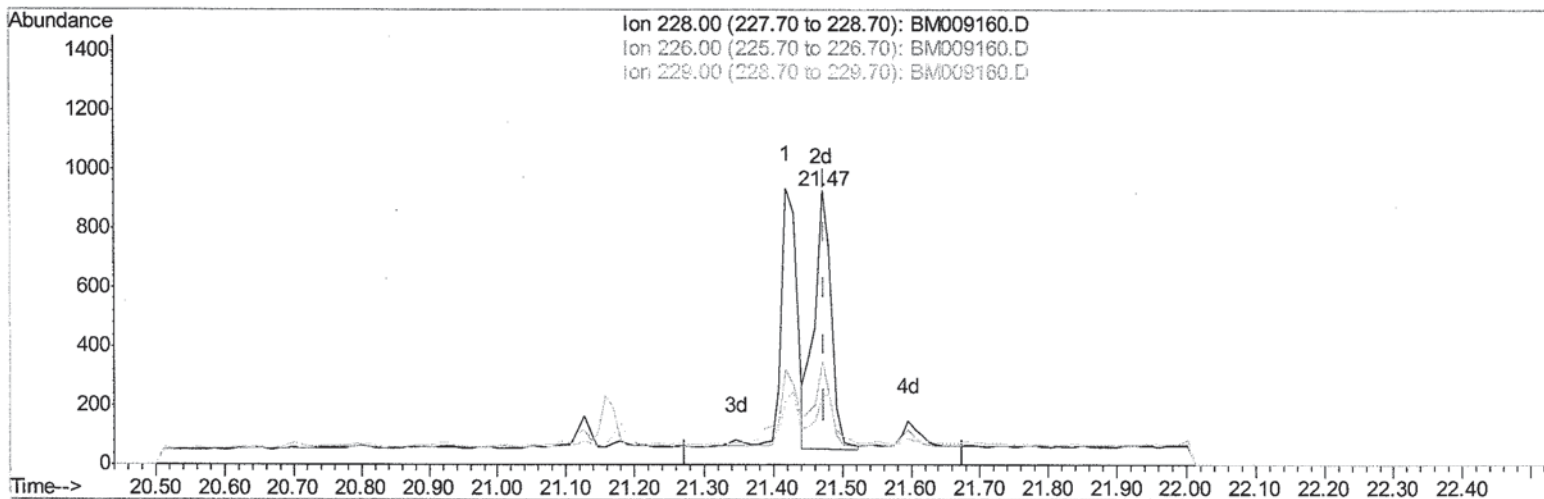
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK6DL

Manual Integrations
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Quant Time: Mar 10 03:17:54 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: BM009160.D

(19) Chrysene

21.471min (-0.003) 0.40ng/ul m SJ 3/13/17

response 1536

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	37.90#
229.00	22.10	25.38
0.00	0.00	0.00

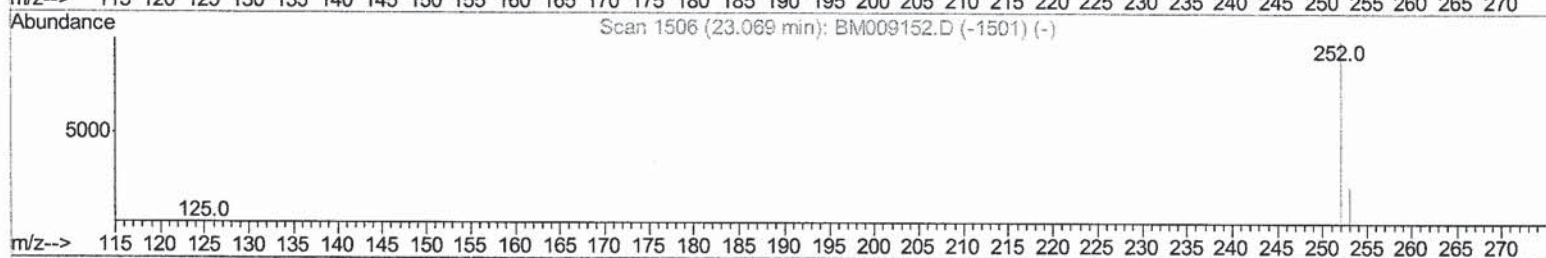
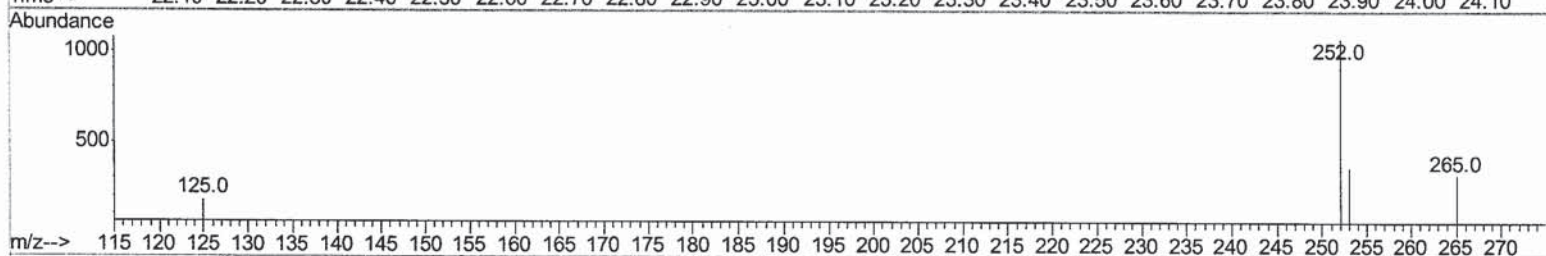
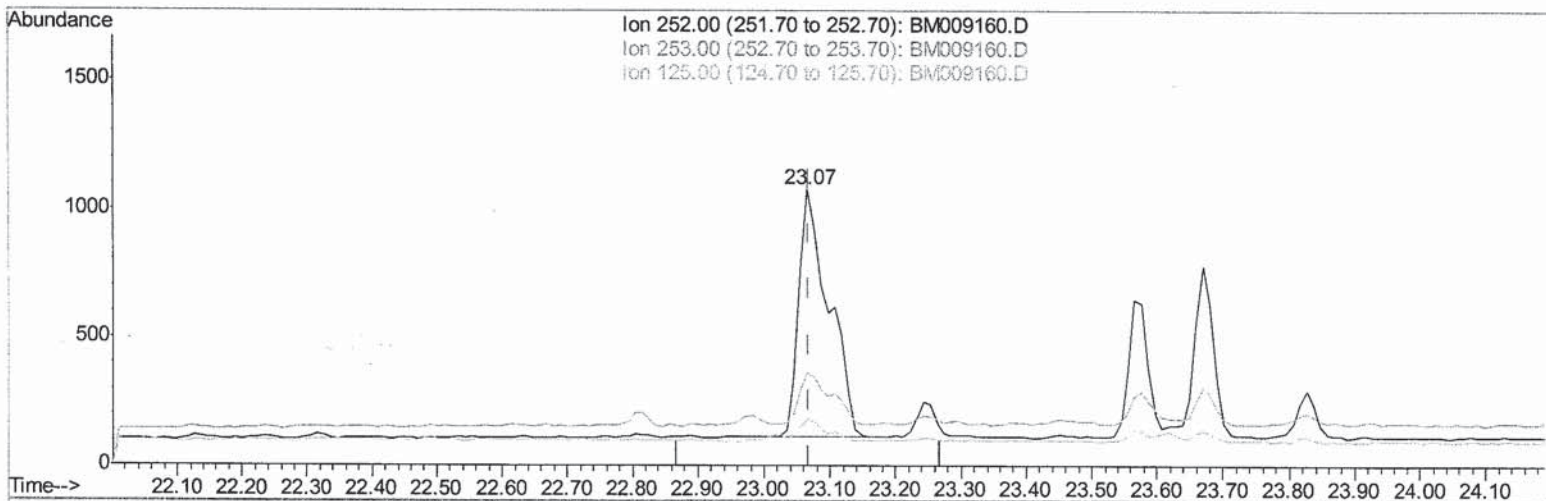
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK6DL

Manual Integrations
APPROVED

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3/10/2017 6:01:44 PM

Quant Time: Mar 10 03:17:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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TIC: BM009160.D

(21) Benzo(b)fluoranthene

23.066min (-0.003) 0.62ng/ul

response 3048

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.83
125.00	17.50	16.64
0.00	0.00	0.00

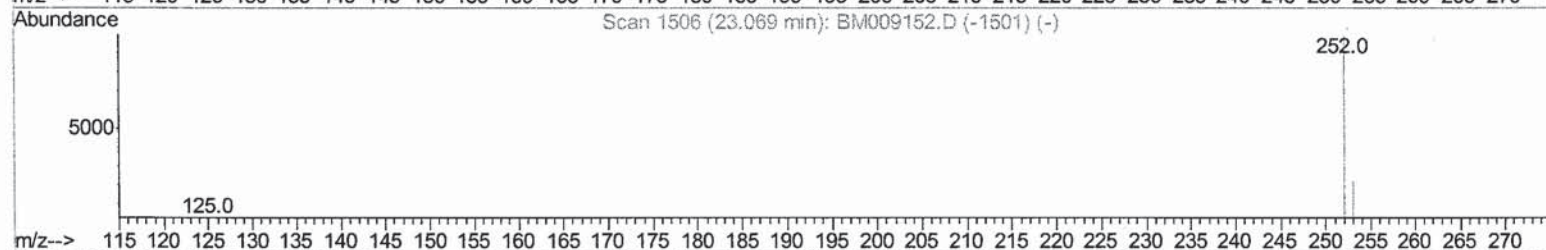
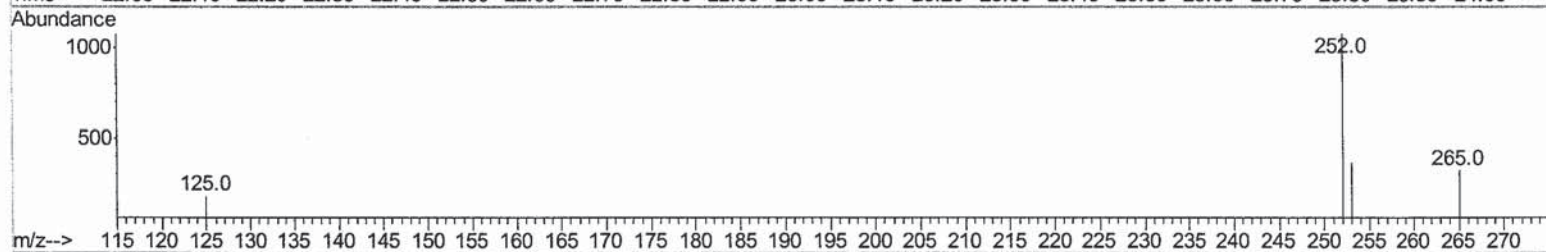
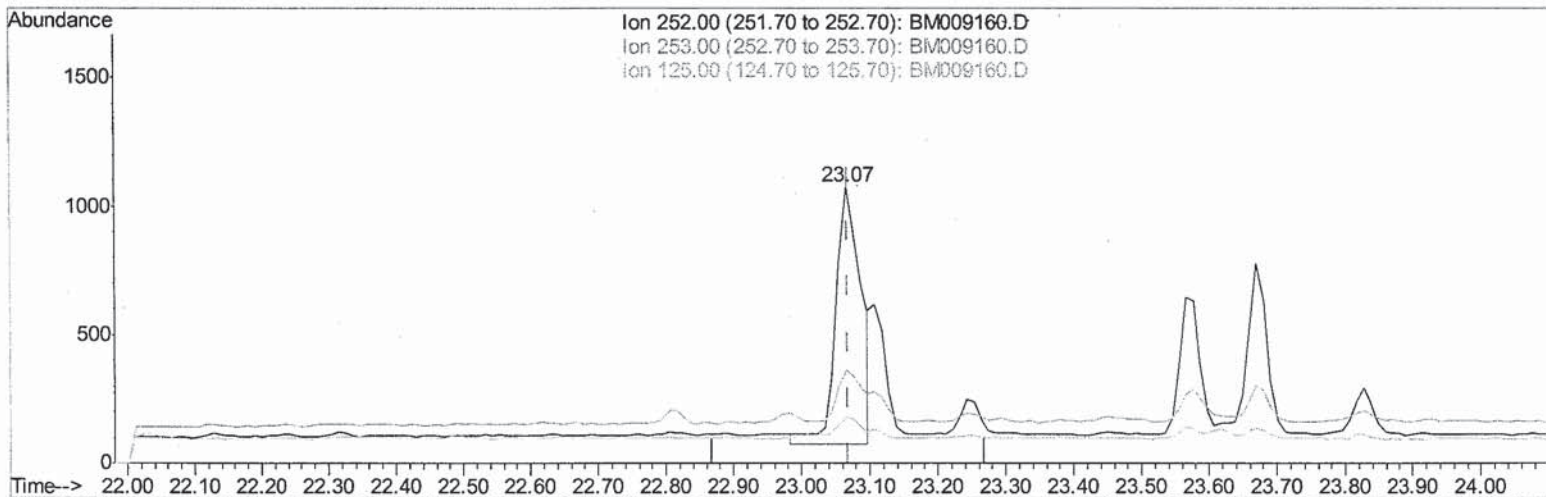
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK6DL

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:44 PM

Quant Time: Mar 10 03:17:54 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: BM009160.D

(21) Benzo(b)fluoranthene

23.066min (-0.003) 0.53ng/ul m

SJ 3/13/17

response 2611

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.83
125.00	17.50	16.64
0.00	0.00	0.00

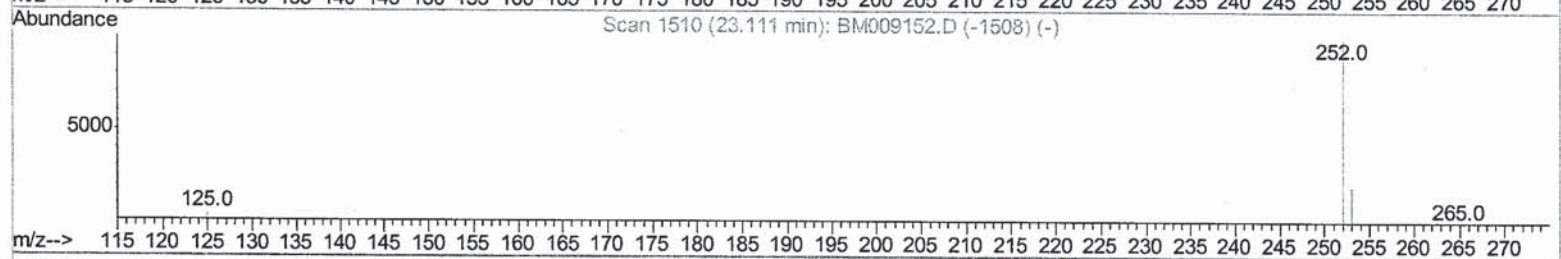
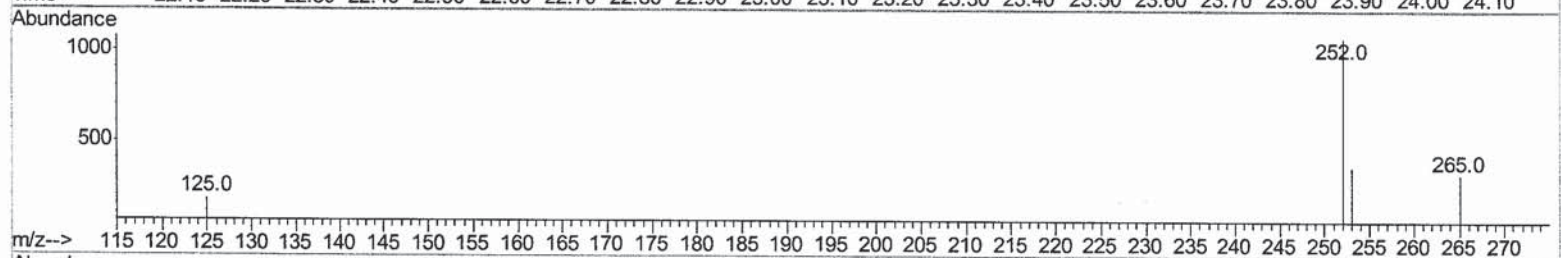
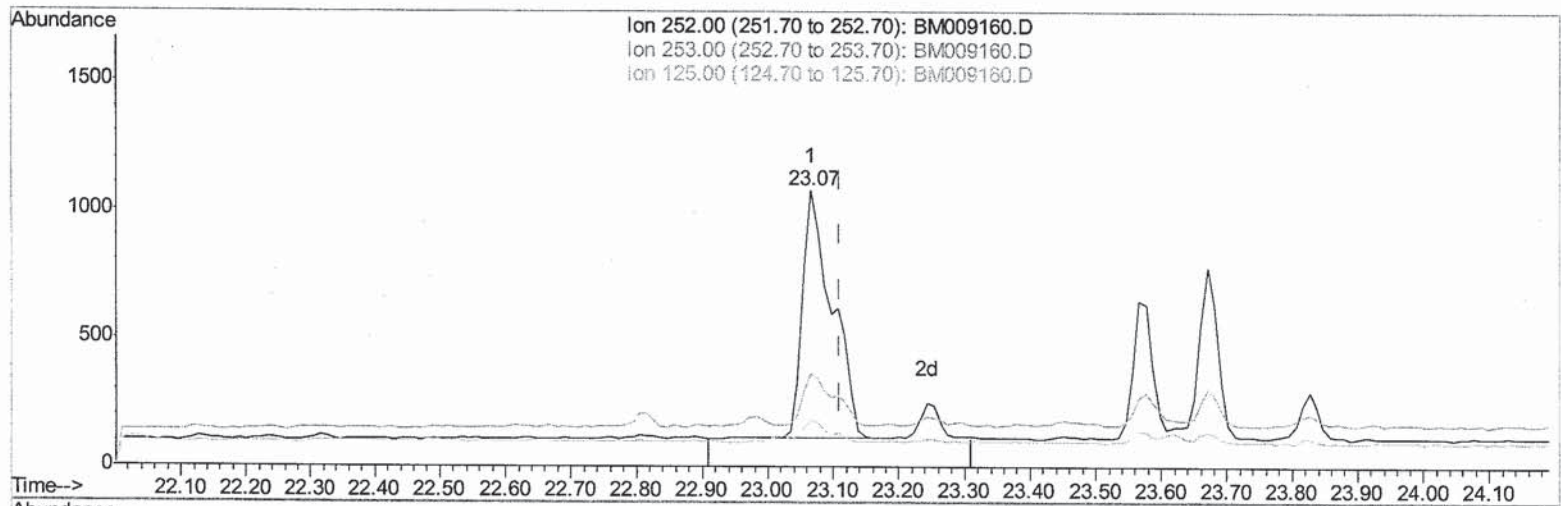
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK6DL

Manual Integrations
APPROVED

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Quant Time: Mar 10 03:17:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration



TIC: BM009160.D

(22) Benzo(k)fluoranthene
23.066min (-0.045) 0.70ng/ul
response 3048
Ion Exp% Act%
252.00 100 100
253.00 30.60 33.83
125.00 17.10 16.64
0.00 0.00 0.00

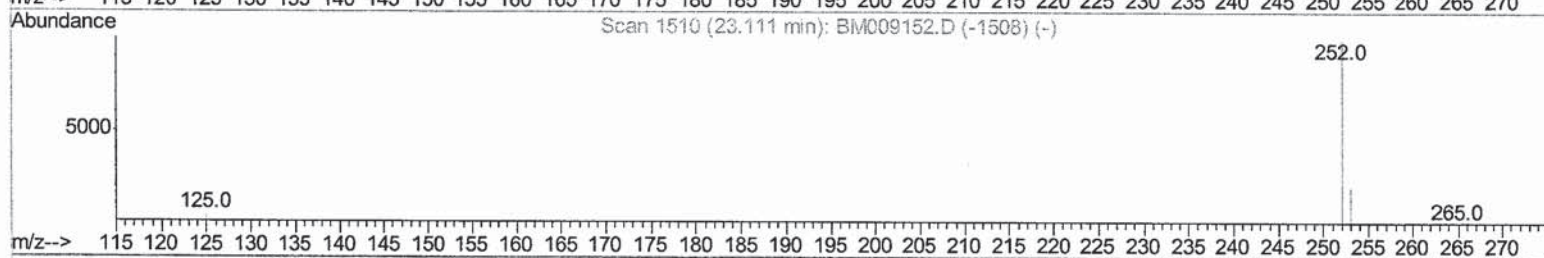
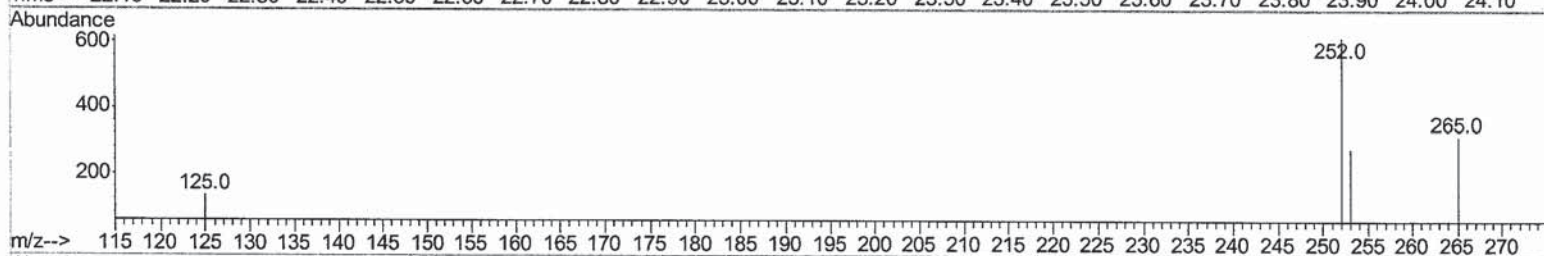
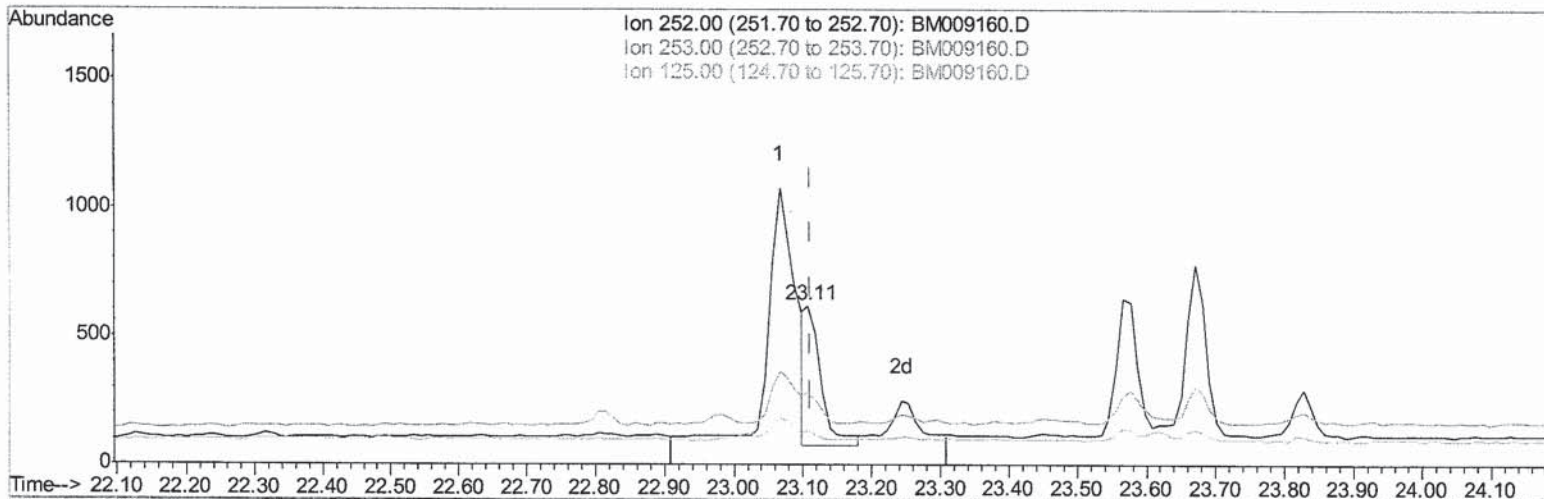
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK6DL

Manual Integrations
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3/10/2017 6:01:44 PM

Quant Time: Mar 10 03:17:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BM009160.D

(22) Benzo(k)fluoranthene

23.107min (-0.003) 0.20ng/ul m

SJ 3/13/17

response 896

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	45.22#
125.00	17.10	21.39#
0.00	0.00	0.00

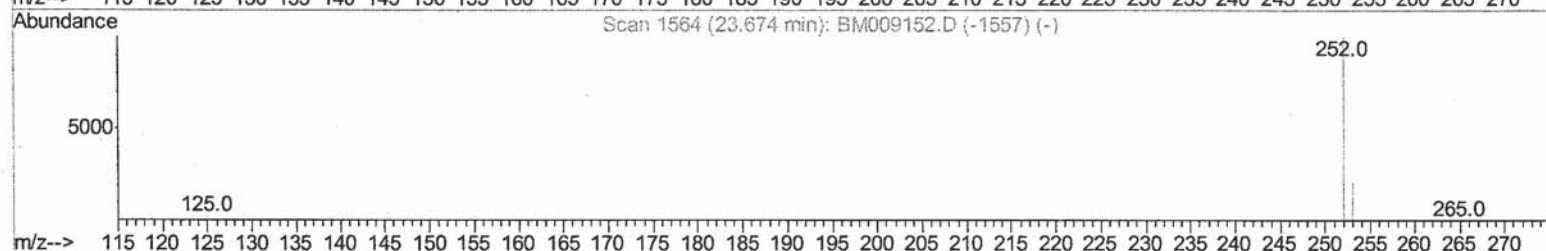
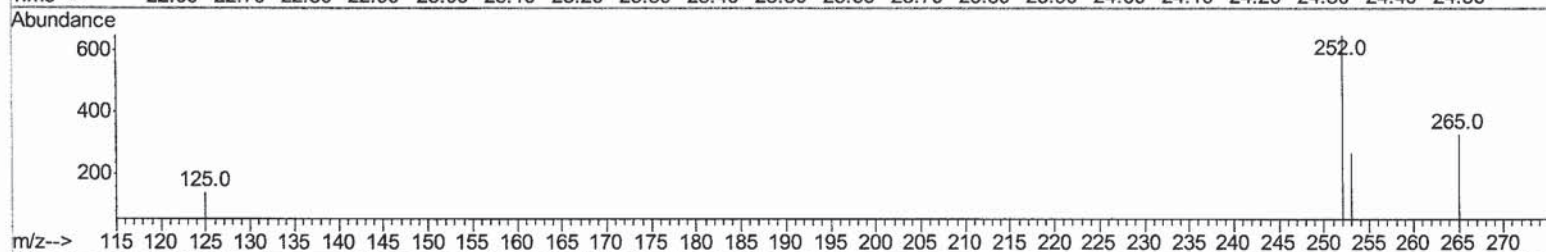
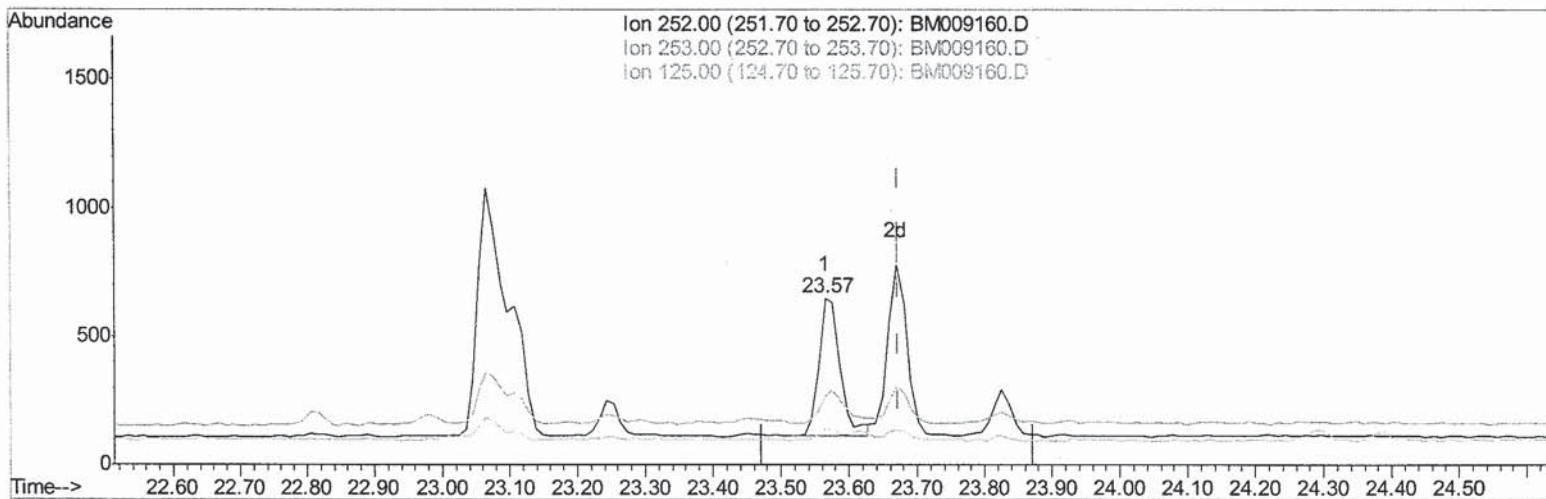
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AK6DL

Manual Integrations
APPROVED

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TIC: BM009160.D

(23) Benzo(a)pyrene (C)

23.566min (-0.108) 0.27ng/ul

response 1181

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	41.89
125.00	22.60	22.10
0.00	0.00	0.00

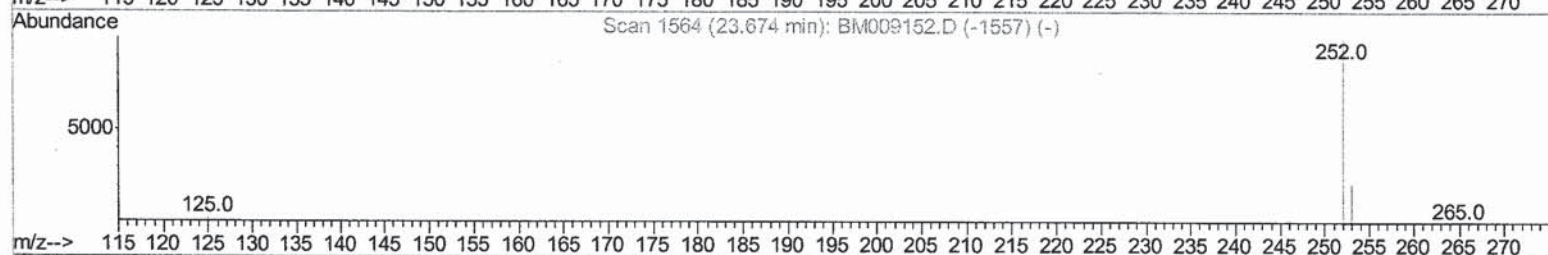
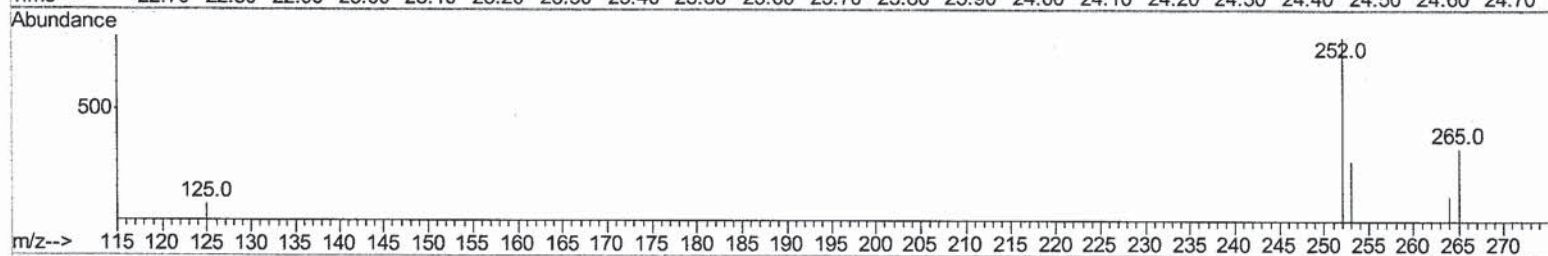
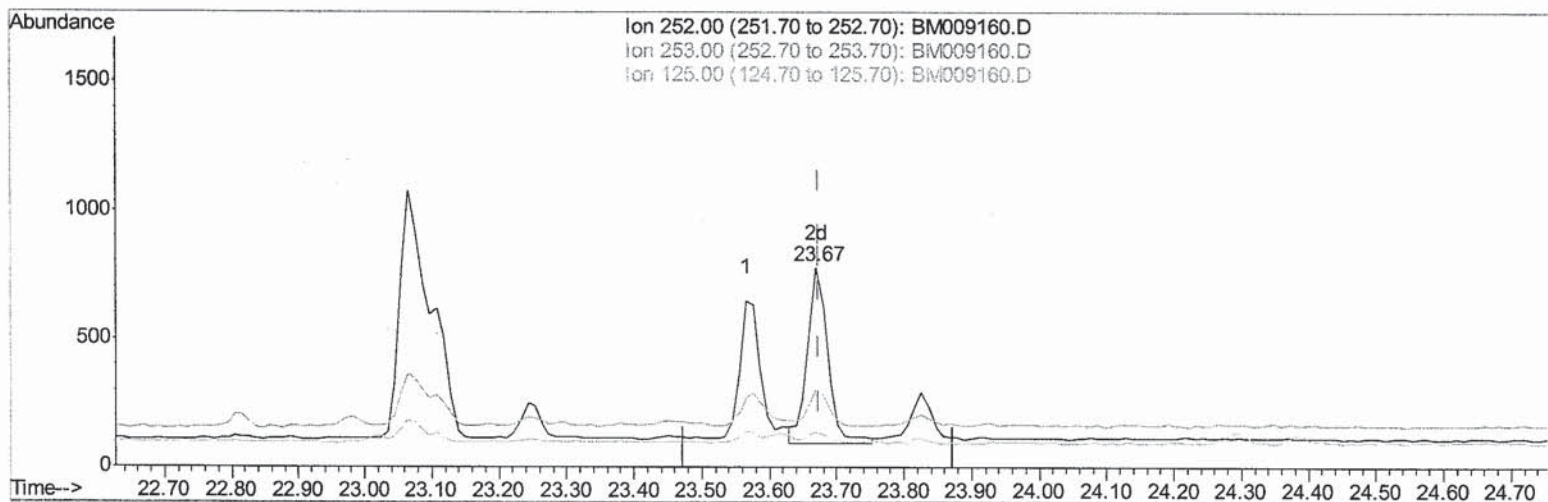
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Data File : BM009160.D
Acq On : 09 Mar 2017 23:57
Operator : SJ/MA
Sample : I2062-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK6DL

Manual Integrations
APPROVED

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Quant Time: Mar 10 03:17:54 2017
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TIC: BM009160.D

(23) Benzo(a)pyrene (C)

23.670min (-0.003) 0.33ng/ul m

SJ 3/13/17

response 1466

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.07
125.00	22.60	17.87#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
 Data File : BM009160.D
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 Operator : SJ/MA
 Sample : I2062-20DL 5X
 Misc :
 ALS Vial : 23 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	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	840	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	464	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1087	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1222	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1260	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	76	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	216	0.06	ng/ul	0.00

Target Compounds				Ovalue		
3) Naphthalene	10.73	128	1240	0.51	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	1006	0.58	ng/ul	100
12) Phenanthrene	17.30	178	1158	0.34	ng/ul#	89
13) Anthracene	17.40	178	186	0.06	ng/ul#	48
15) Fluoranthene	19.33	202	2087	0.47	ng/ul	94
17) Pyrene	19.69	202	2235	0.53	ng/ul	96
18) Benzo(a)anthracene	21.42	228	1360m	0.33	ng/ul	
19) Chrysene	21.47	228	1536m	0.40	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	2611m	0.53	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	896m	0.20	ng/ul	
23) Benzo(a)pyrene	23.67	252	1466m	0.33	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.16	276	948	0.17	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.17	278	246	0.05	ng/ul#	17
26) Benzo(q,h,i)perylene	26.89	276	885	0.18	ng/ul#	88

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

SJ 3/13/17