

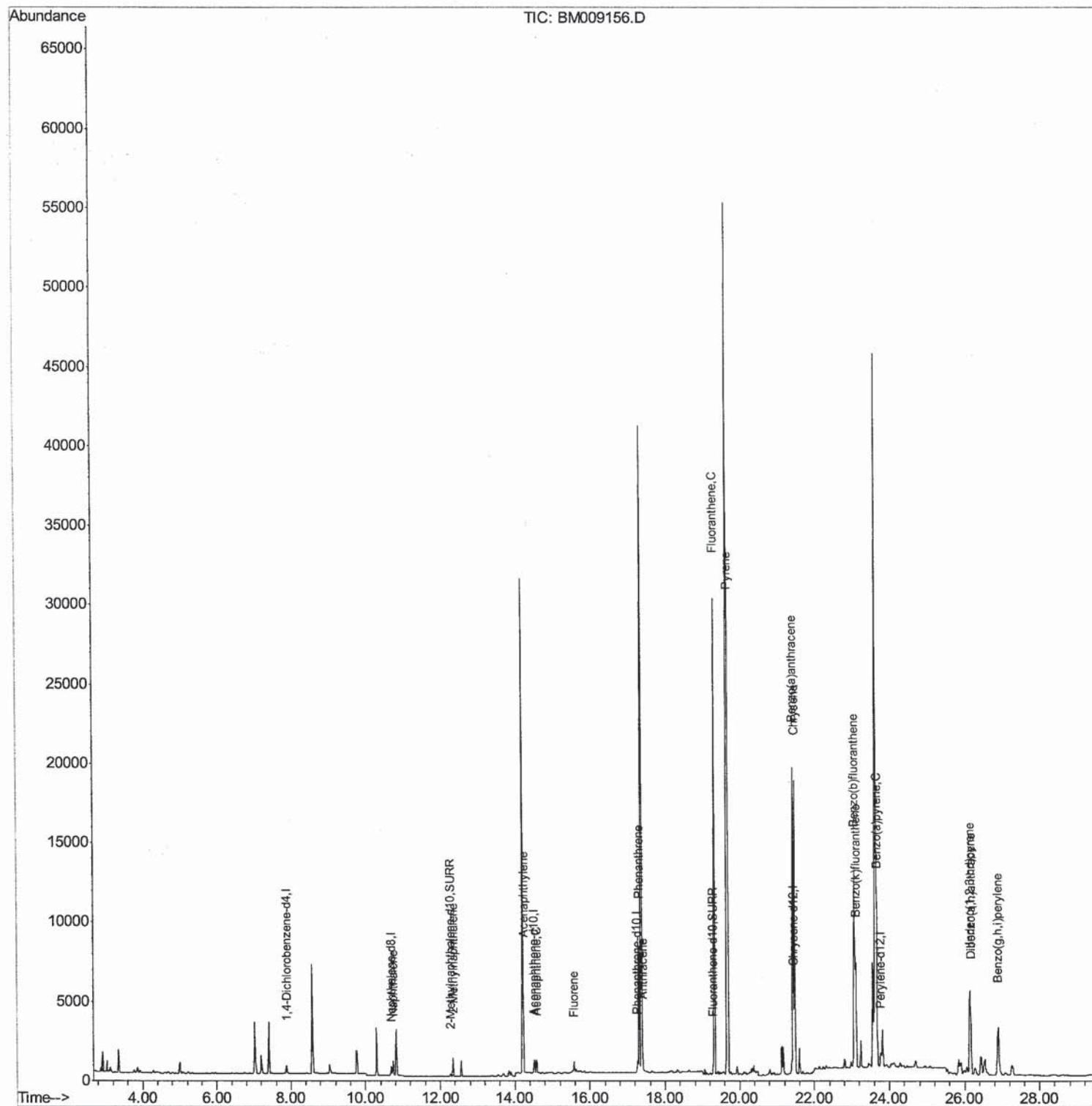
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:36:40 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



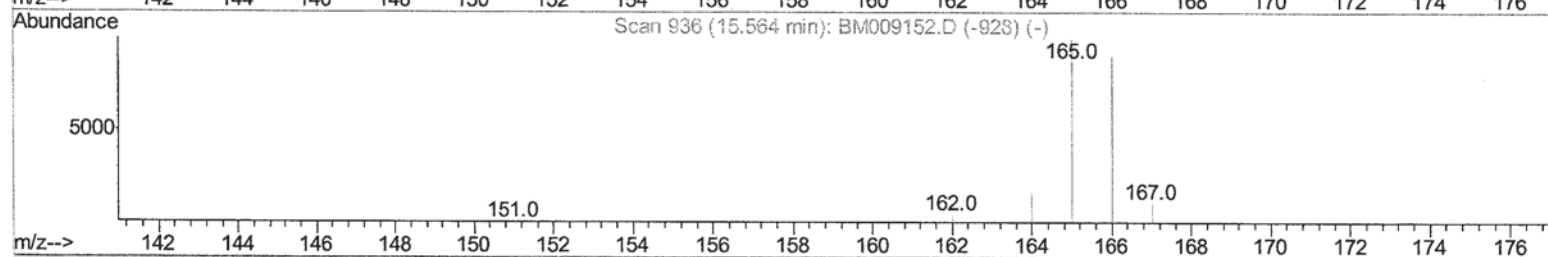
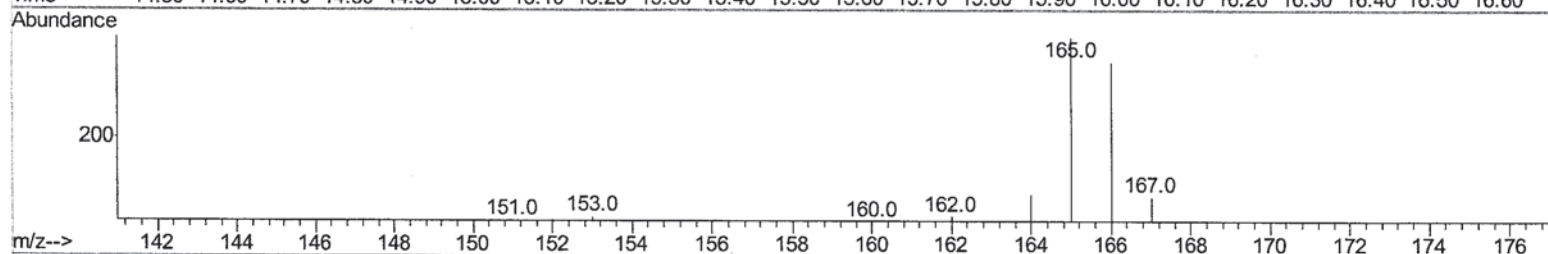
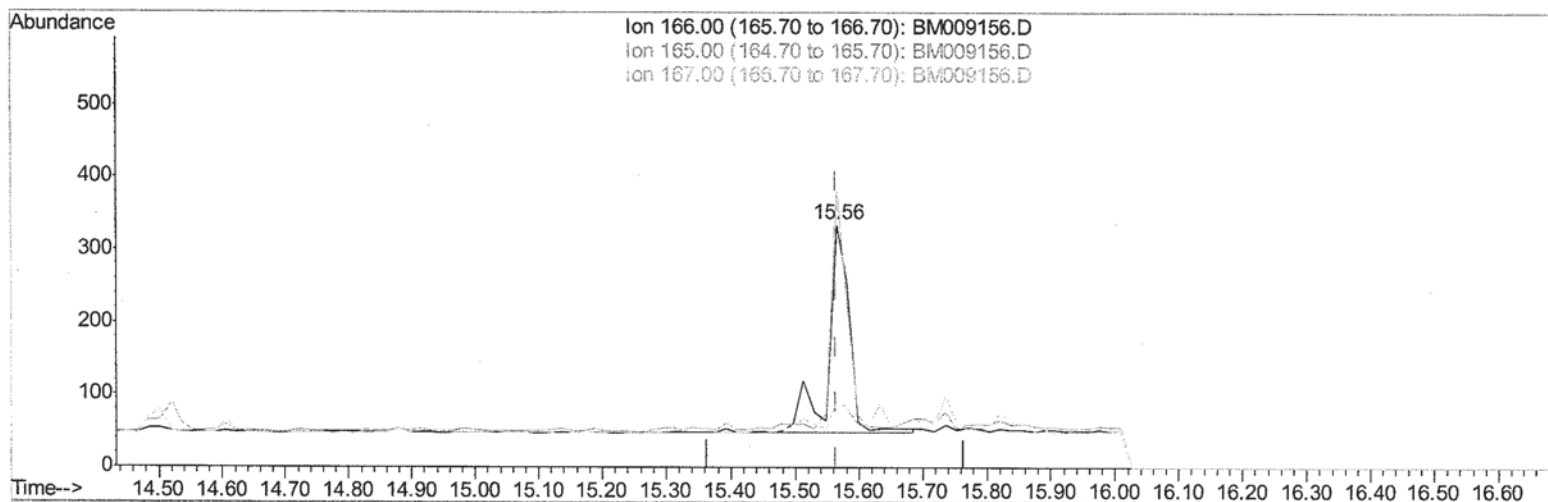
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:17:25 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: BM009156.D

(9) Fluorene

15.564min (+0.000) 0.32ng/ul

response 688

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	113.73#
167.00	18.30	27.76#
0.00	0.00	0.00

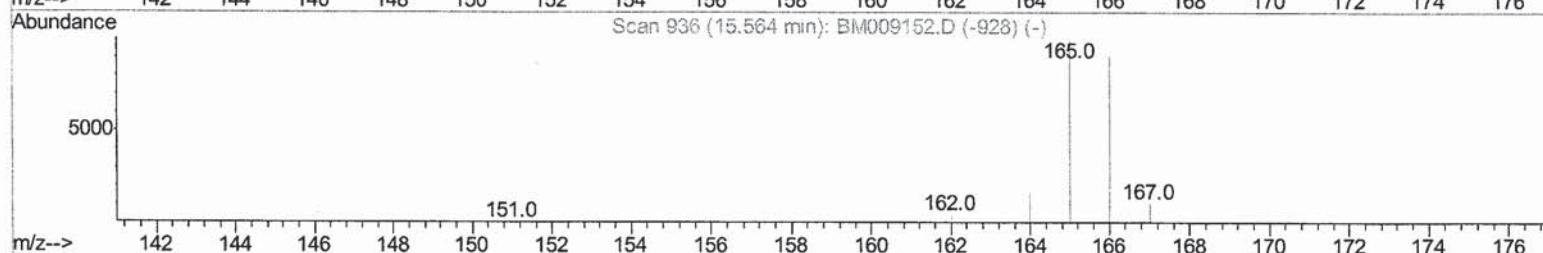
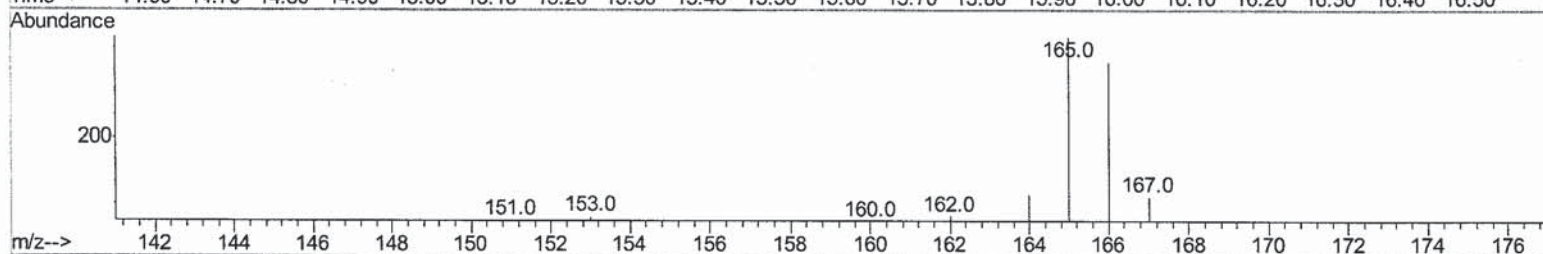
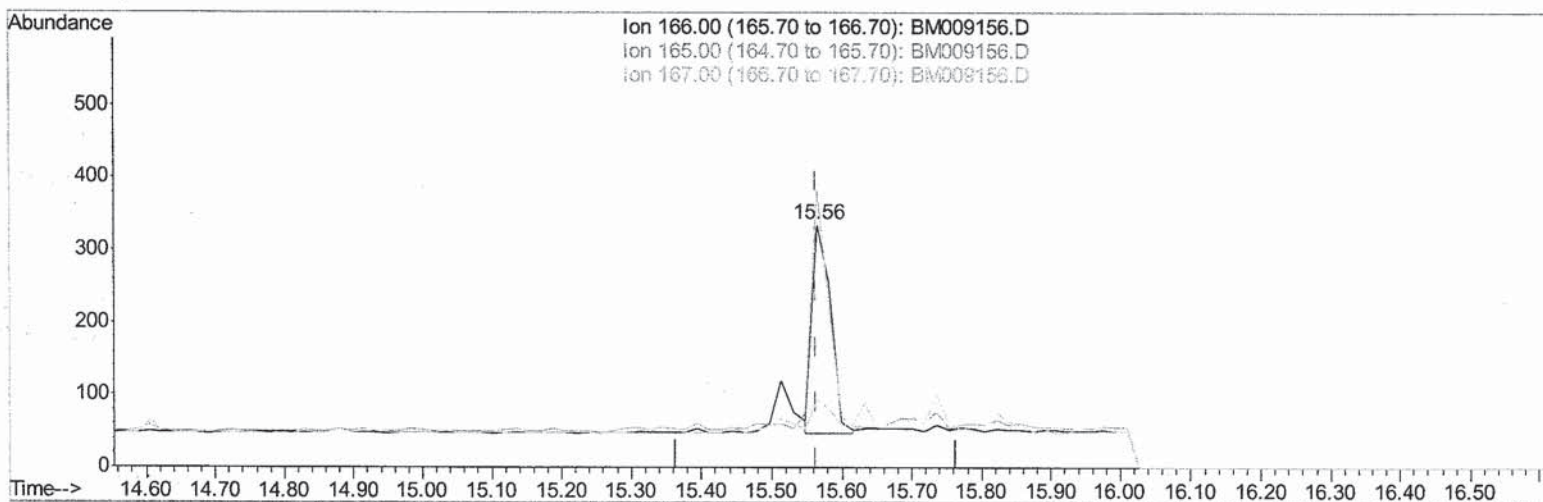
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:17:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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Response via : Initial Calibration



TIC: BM009156.D

(9) Fluorene

15.564min (+0.000) 0.25ng/ul m

SJ 3/13/17

response 532

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	113.73#
167.00	18.30	27.76#
0.00	0.00	0.00

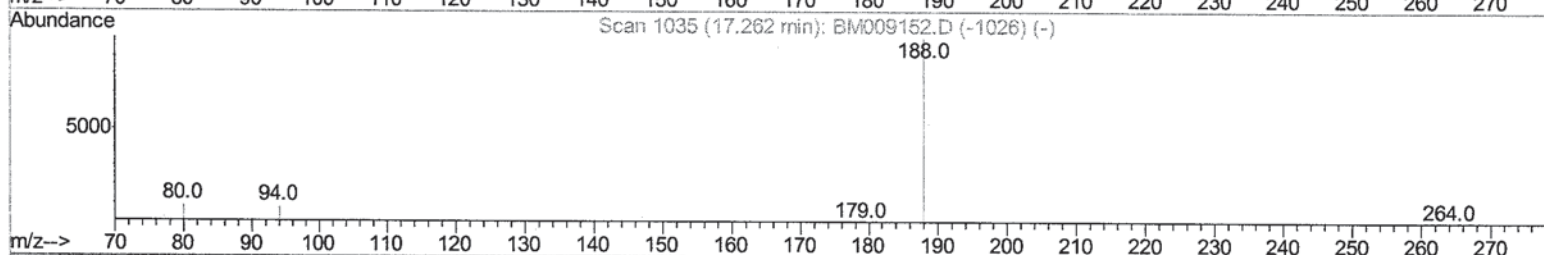
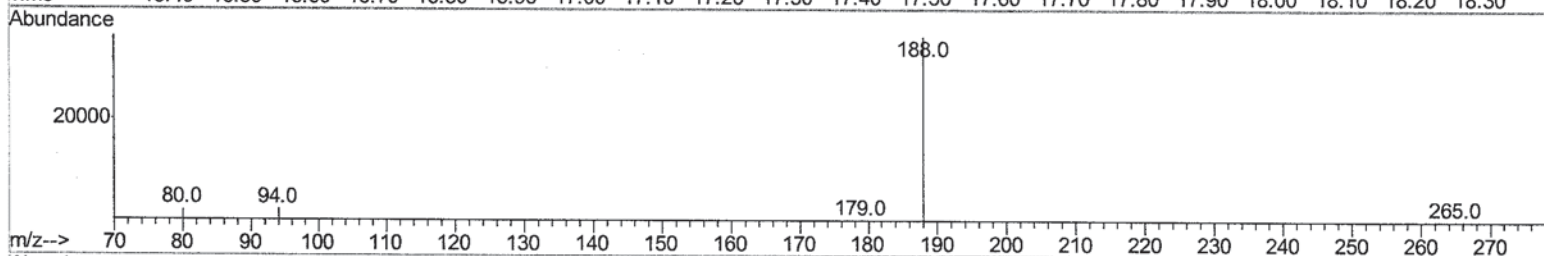
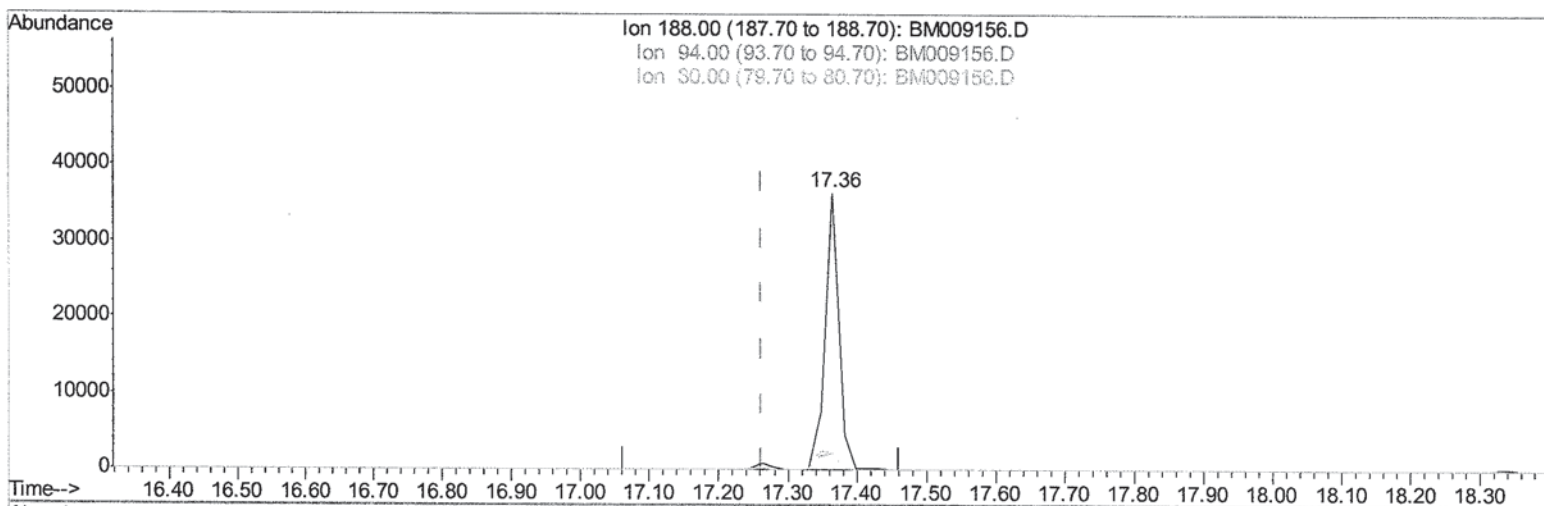
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
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Instrument :
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Manual Integrations
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TIC: BM009156.D

(10) Phenanthrene-d10 (I)

17.365min (+0.103) 0.40ng/ul

response 50053

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.08#
80.00	11.80	5.80#
0.00	0.00	0.00

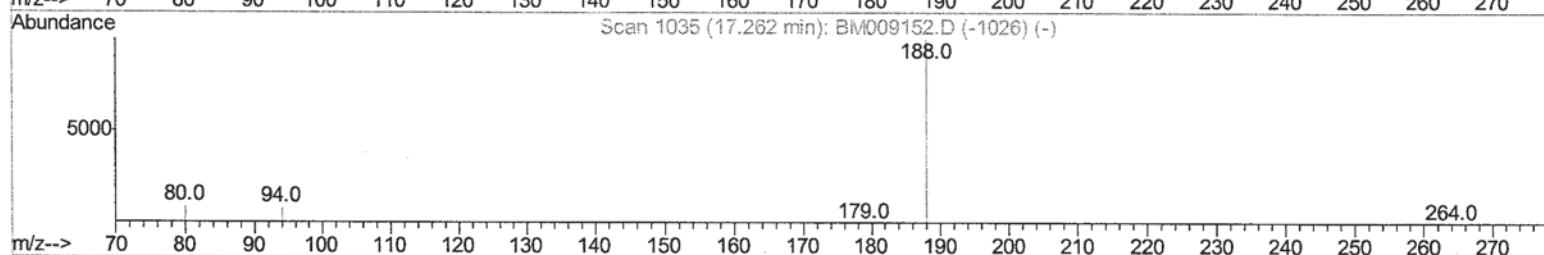
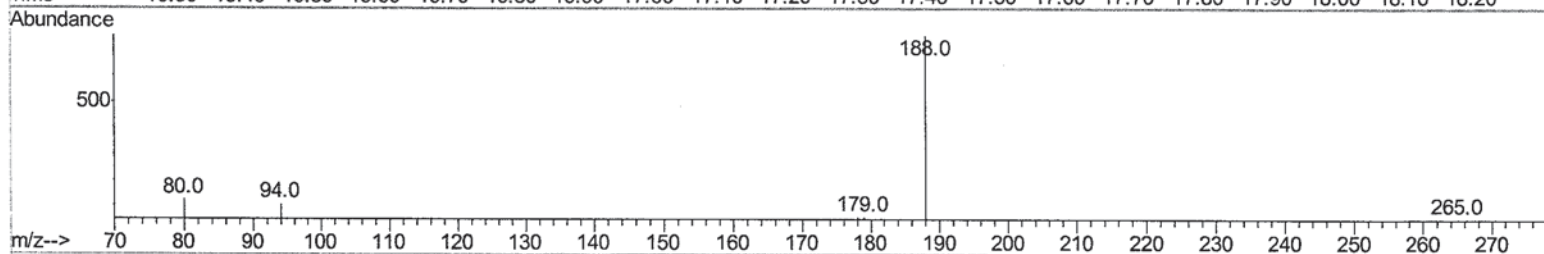
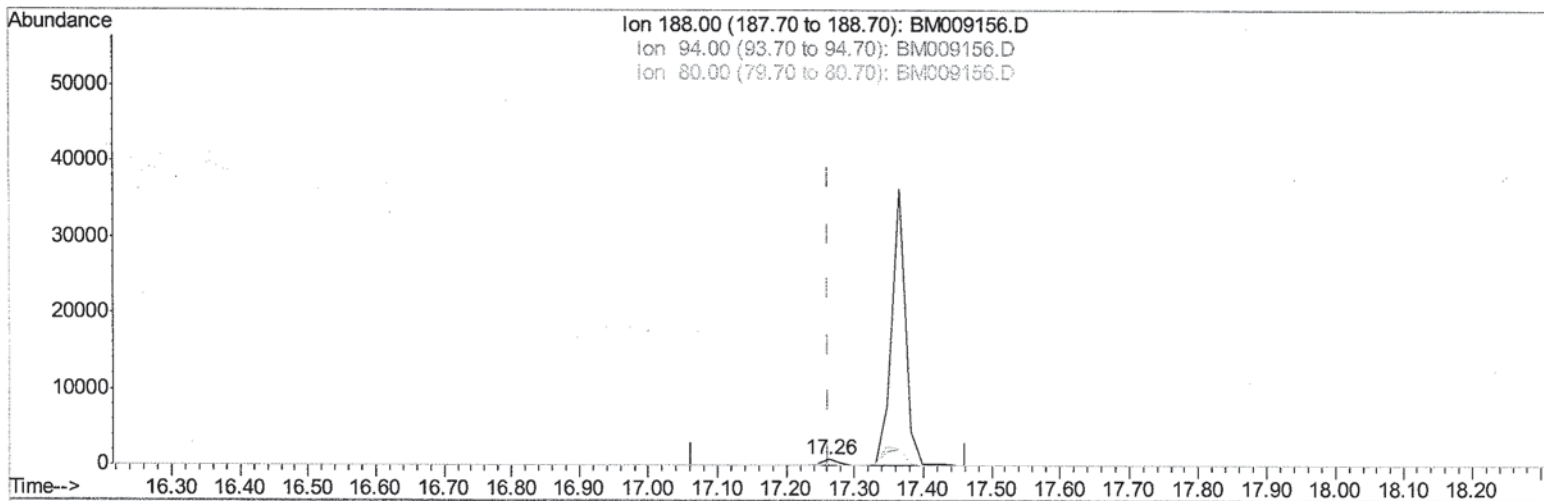
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Quant Time: Mar 10 03:17:25 2017
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TIC: BM009156.D

(10) Phenanthrene-d10 (I)

17.262min (+0.000) 0.40ng/ul m

SJ 3/13/17

response 1139

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.00#
80.00	11.80	16.25#
0.00	0.00	0.00

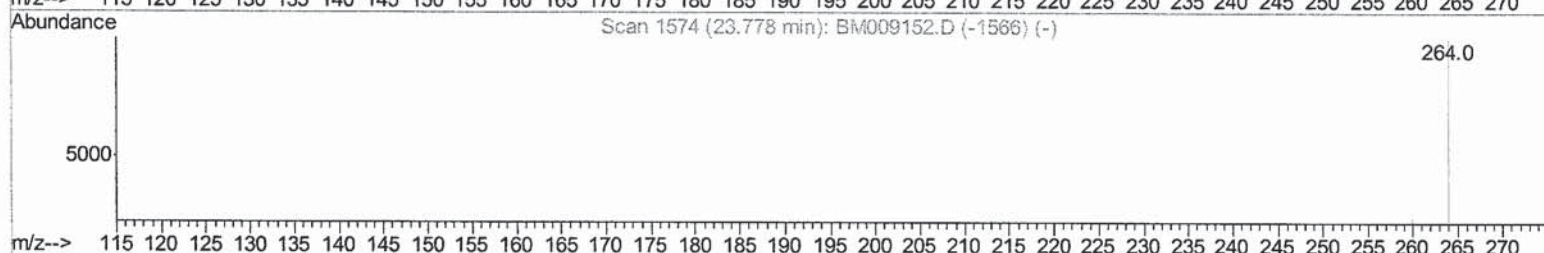
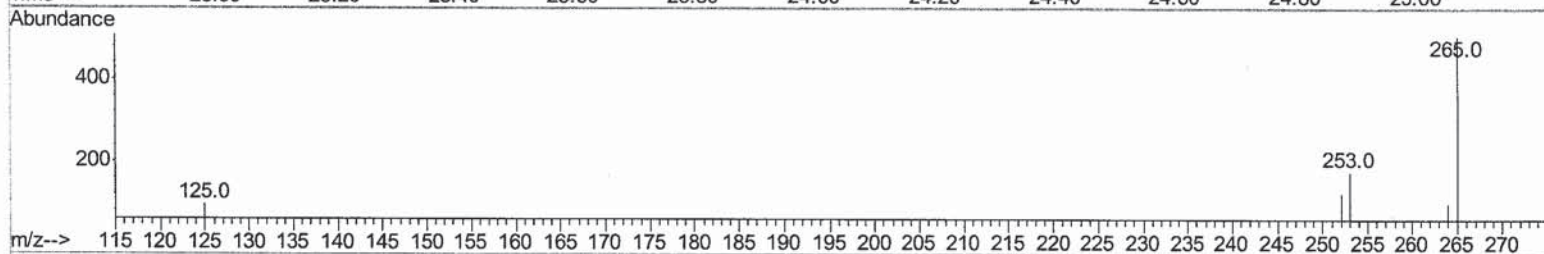
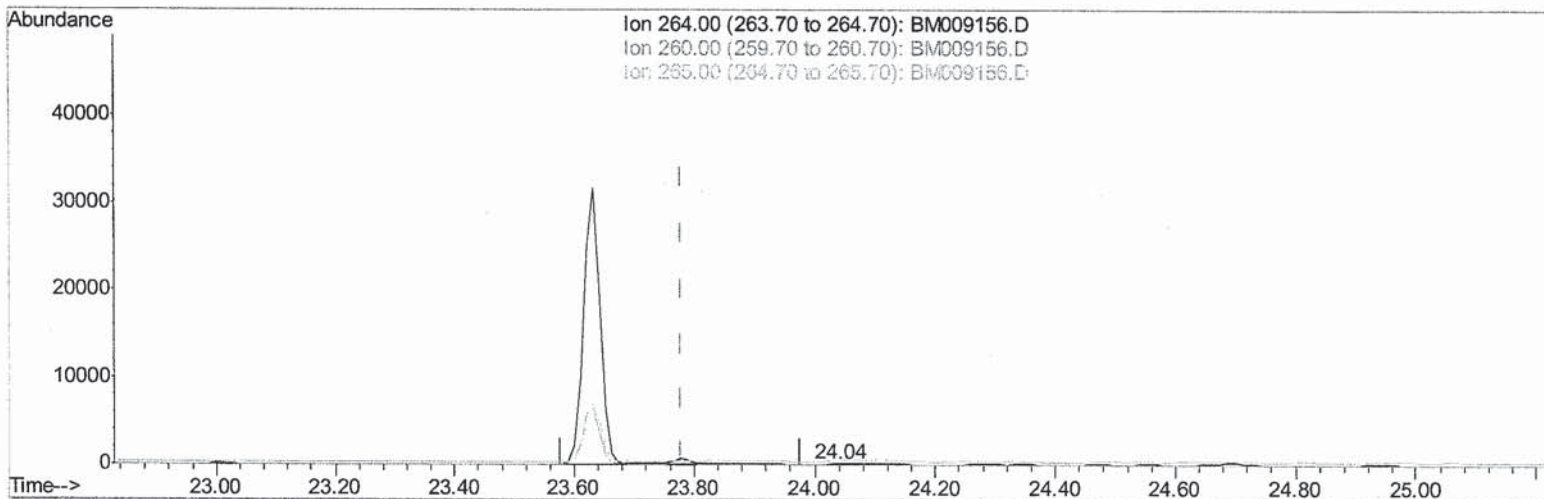
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

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3/10/2017 6:01:32 PM

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TIC: BM009156.D

(20) Perylene-d12 (I)

24.038min (+0.261) 0.40ng/ul

response 221

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	59.38#
265.00	103.50	530.21#
0.00	0.00	0.00

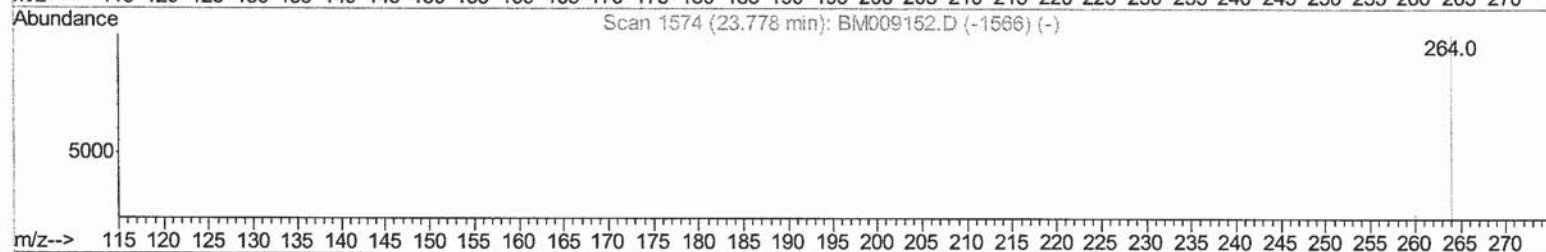
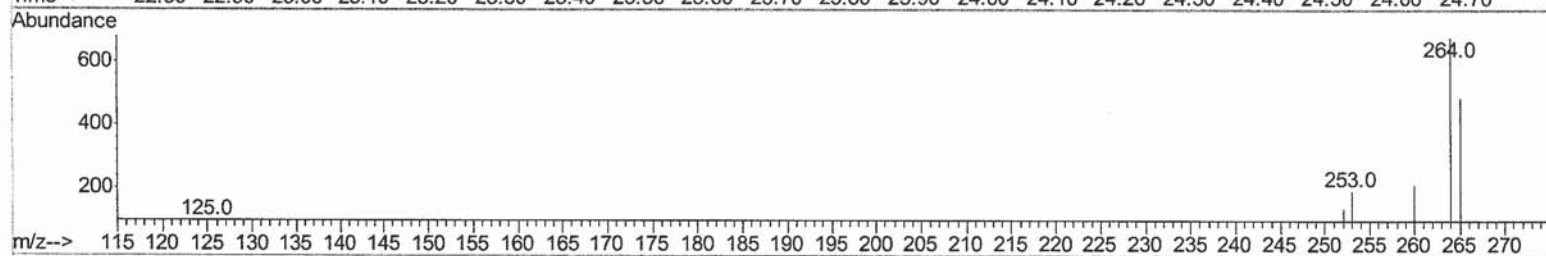
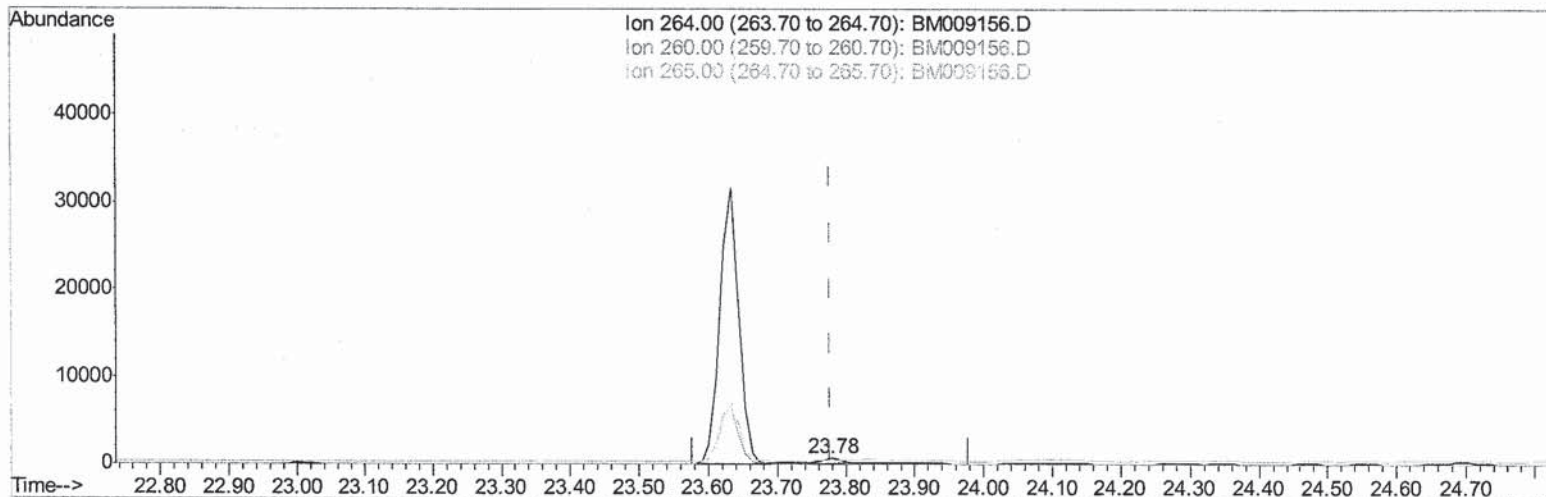
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:17:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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TIC: BM009156.D

(20) Perylene-d12 (I)

23.778min (+0.000) 0.40ng/ul m

SJ 3/13/17

response 1238

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	31.32
265.00	103.50	71.91#
0.00	0.00	0.00

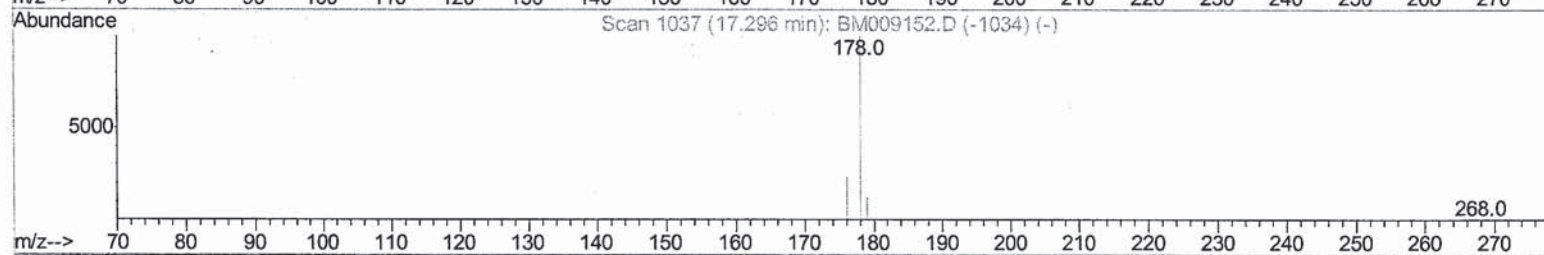
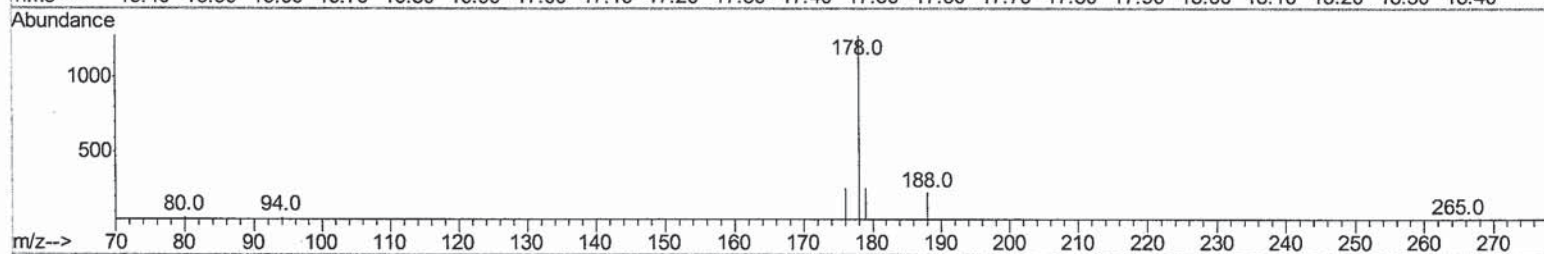
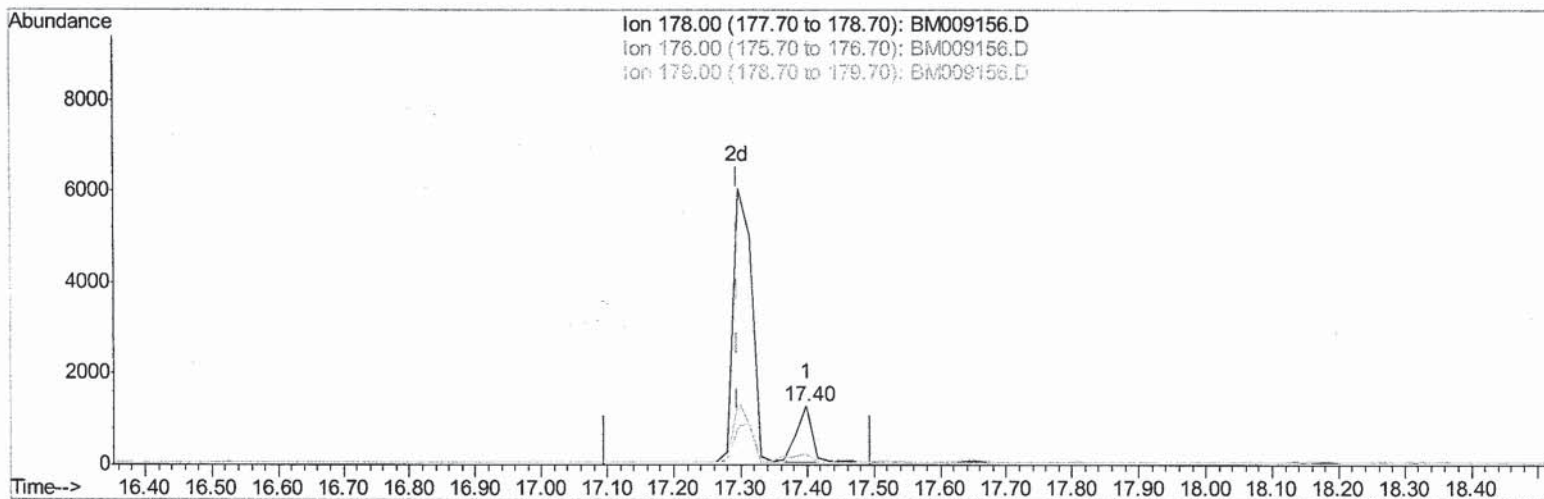
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:33:45 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
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TIC: BM009156.D

(12) Phenanthrene

17.399min (+0.103) 0.59ng/ui

response 2094

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	20.12
179.00	17.00	19.81
0.00	0.00	0.00

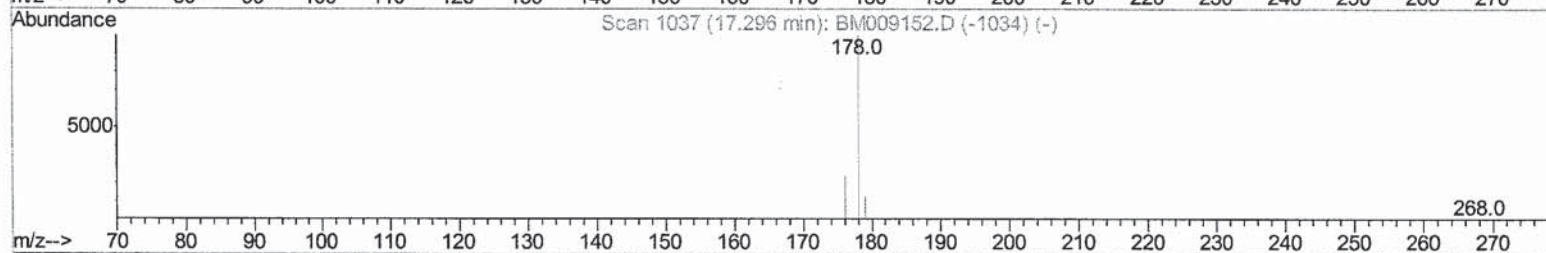
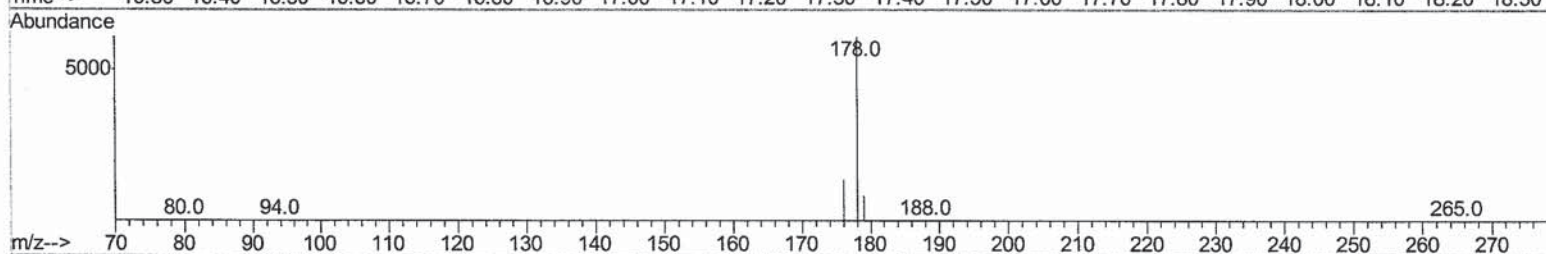
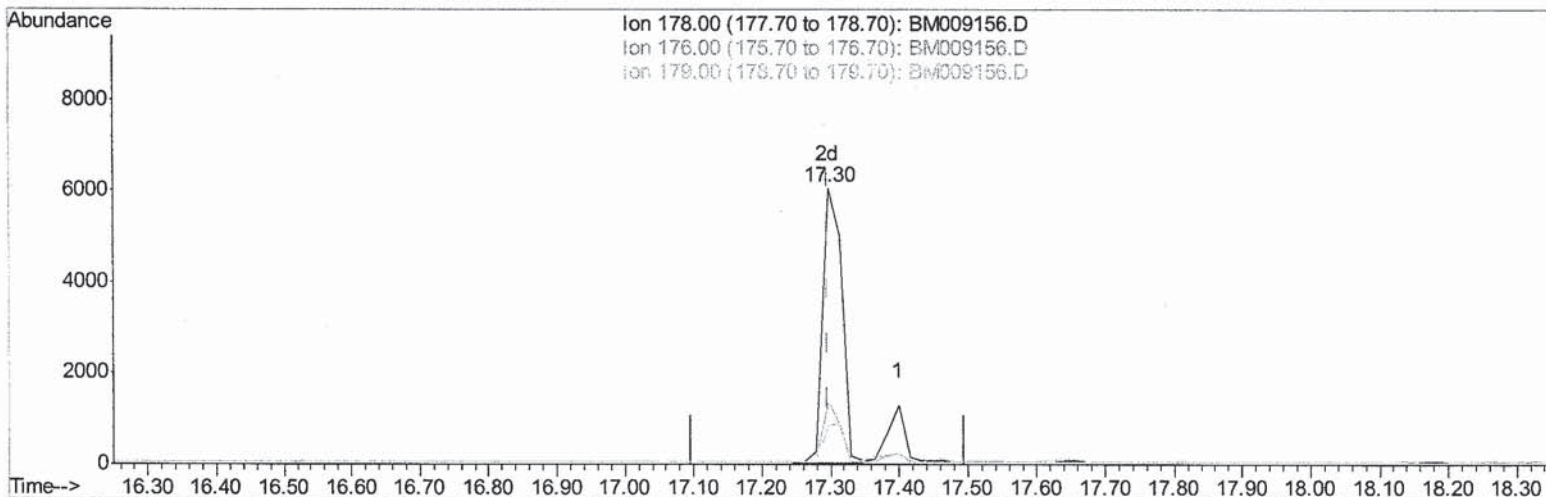
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:33:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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TIC: BM009156.D

(12) Phenanthrene

17.296min (+0.000) 3.31ng/ul m

SJ 3/13/17

response 11830

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	23.06
179.00	17.00	14.19
0.00	0.00	0.00

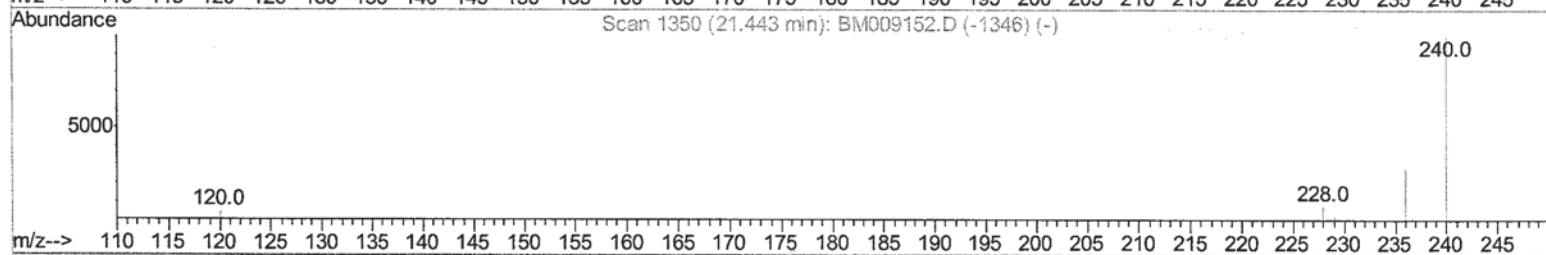
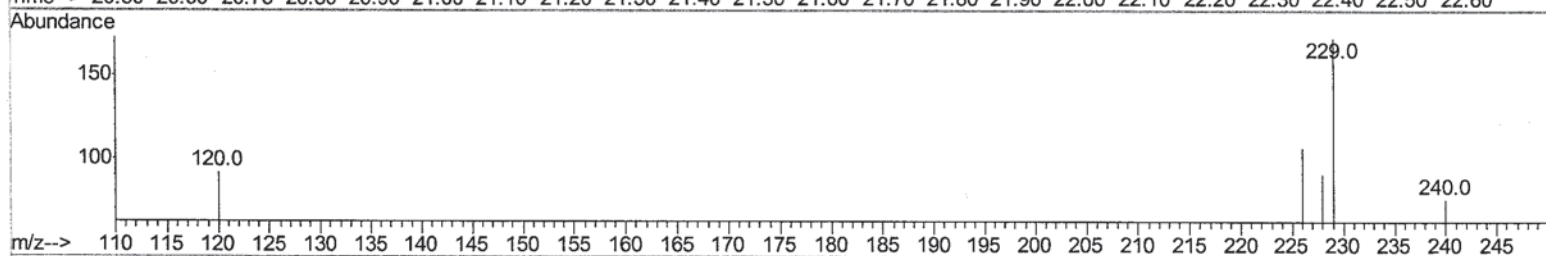
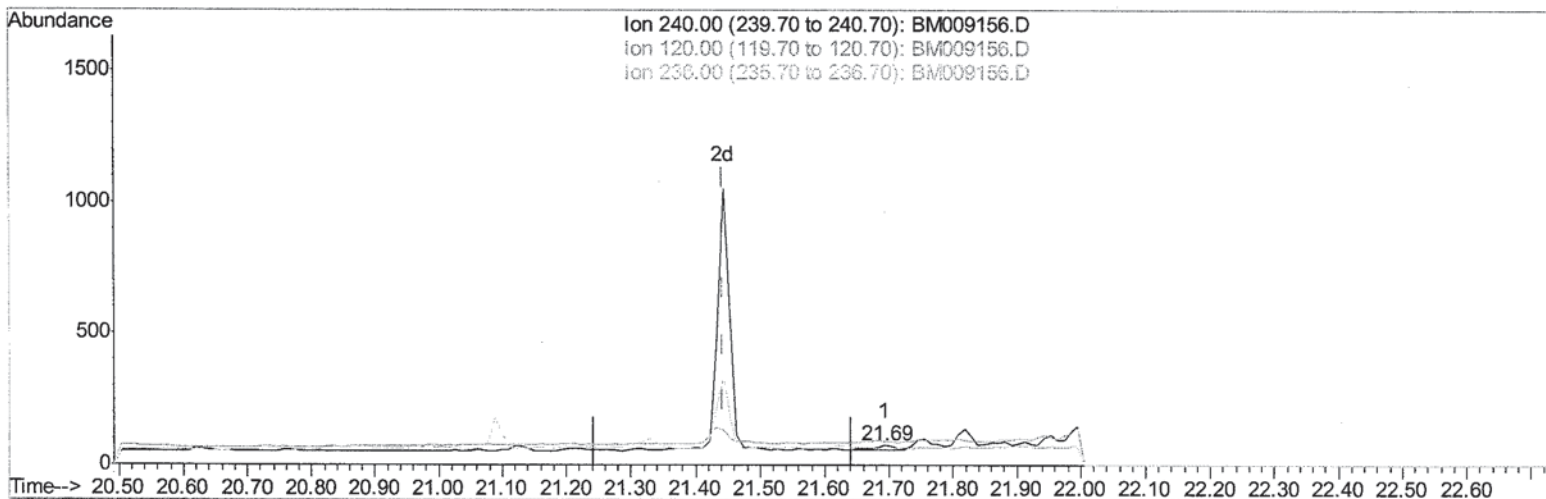
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

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3/10/2017 6:01:32 PM

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TIC: BM009156.D

(16) Chrysene-d12 (I)

21.693min (+0.250) 0.40ng/ul

response 44

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	121.05#
236.00	34.90	81.58#
0.00	0.00	0.00

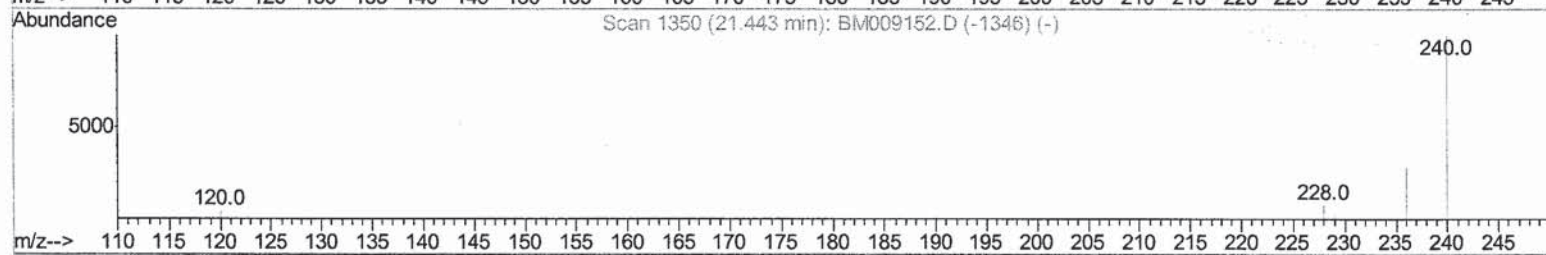
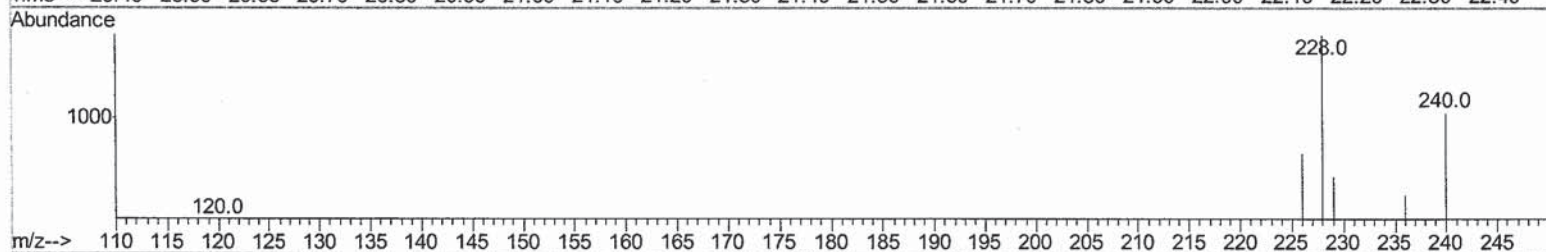
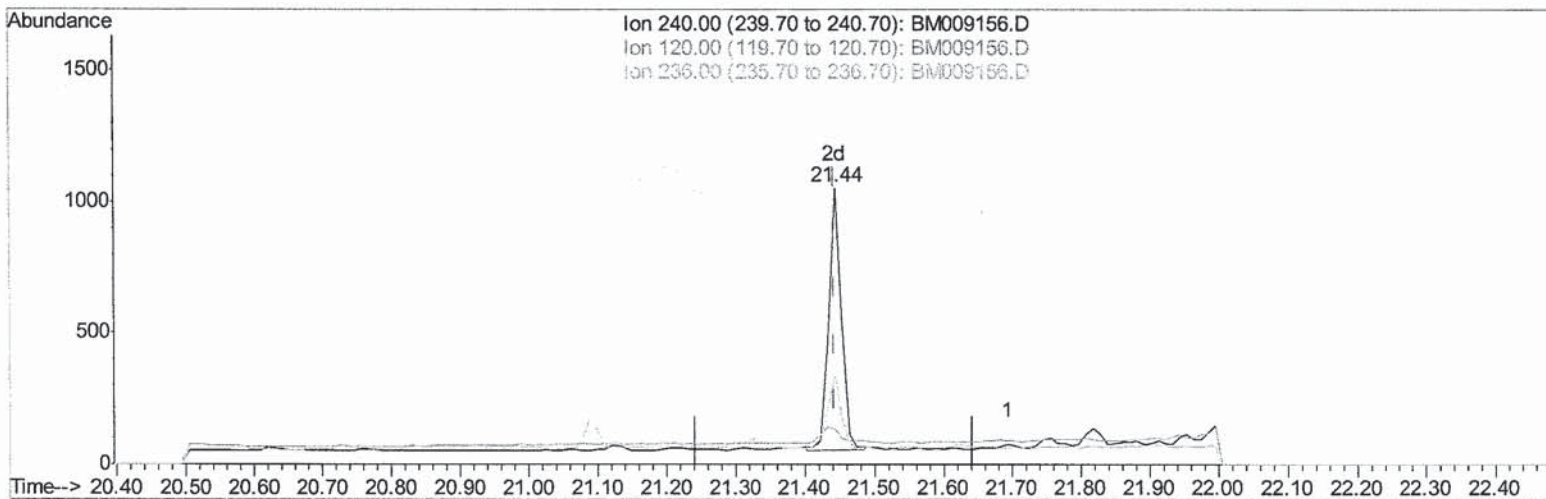
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
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Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:33:45 2017
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TIC: BM009156.D

(16) Chrysene-d12 (I)

21.443min (+0.000) 0.40ng/ul m

SJ 3/13/17

response 1266

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.56#
236.00	34.90	32.06
0.00	0.00	0.00

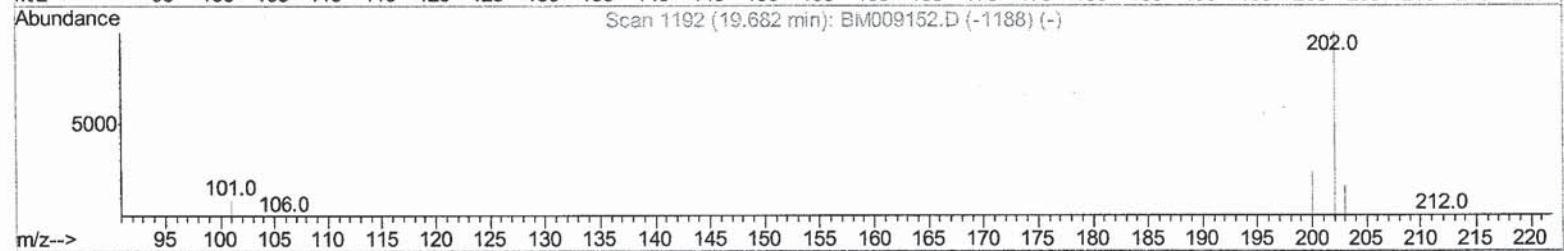
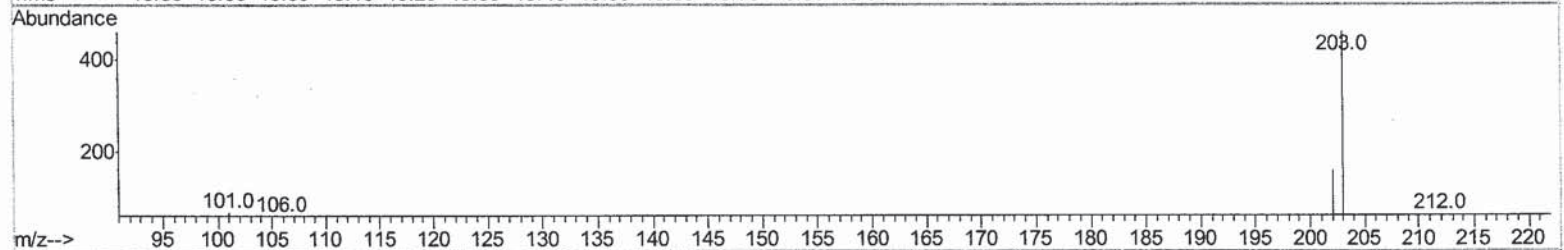
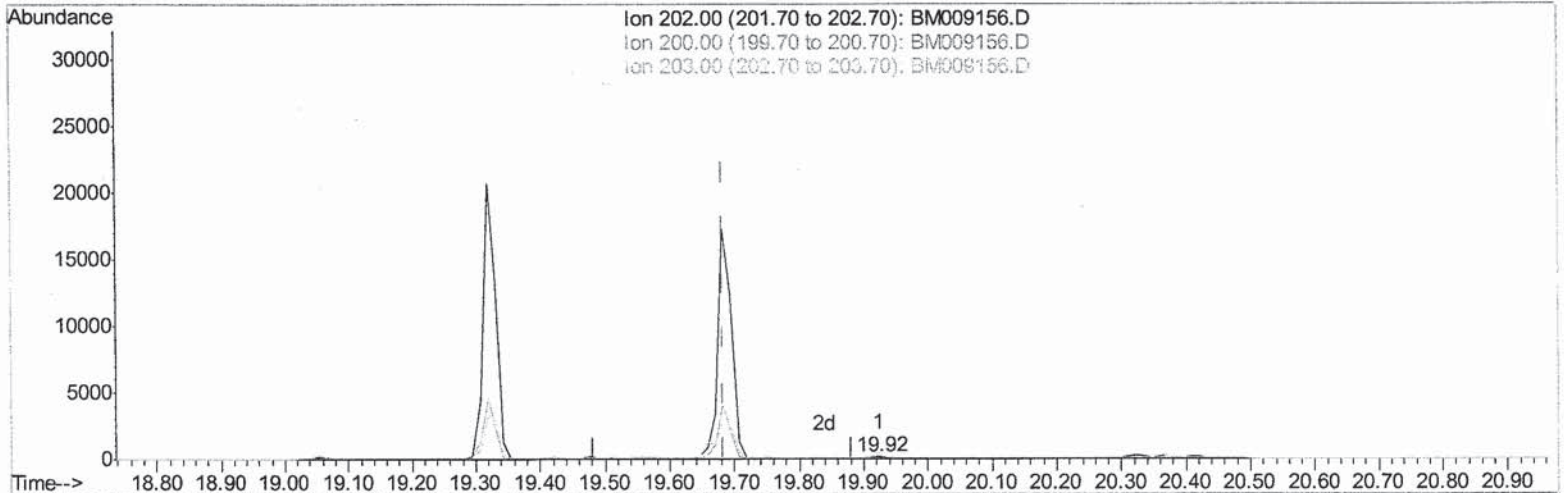
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:34:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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TIC: BM009156.D

(17) Pyrene

19.924min (+0.242) 0.03ng/ul

response 143

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	36.48#
203.00	19.50	290.57#
0.00	0.00	0.00

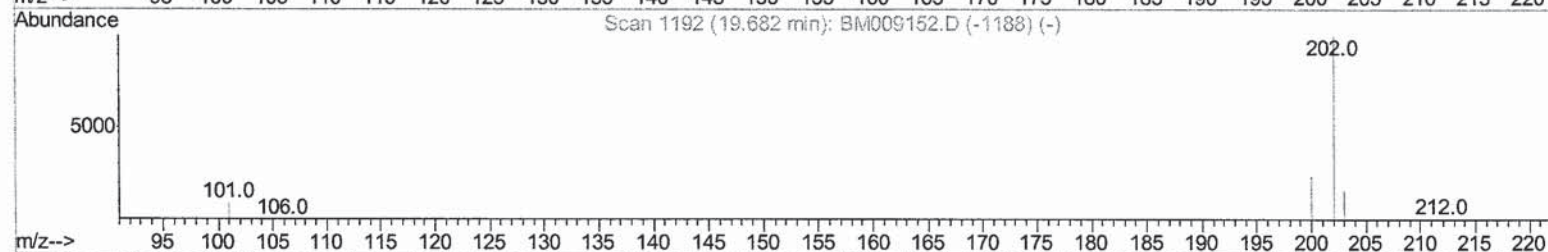
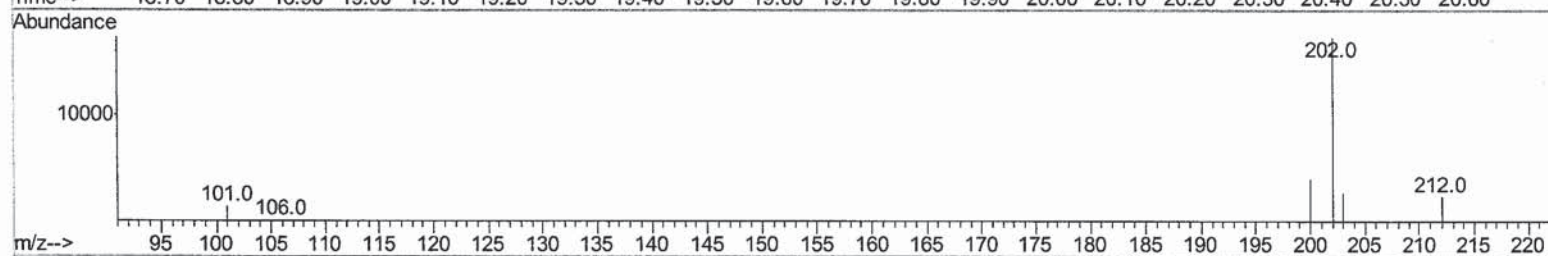
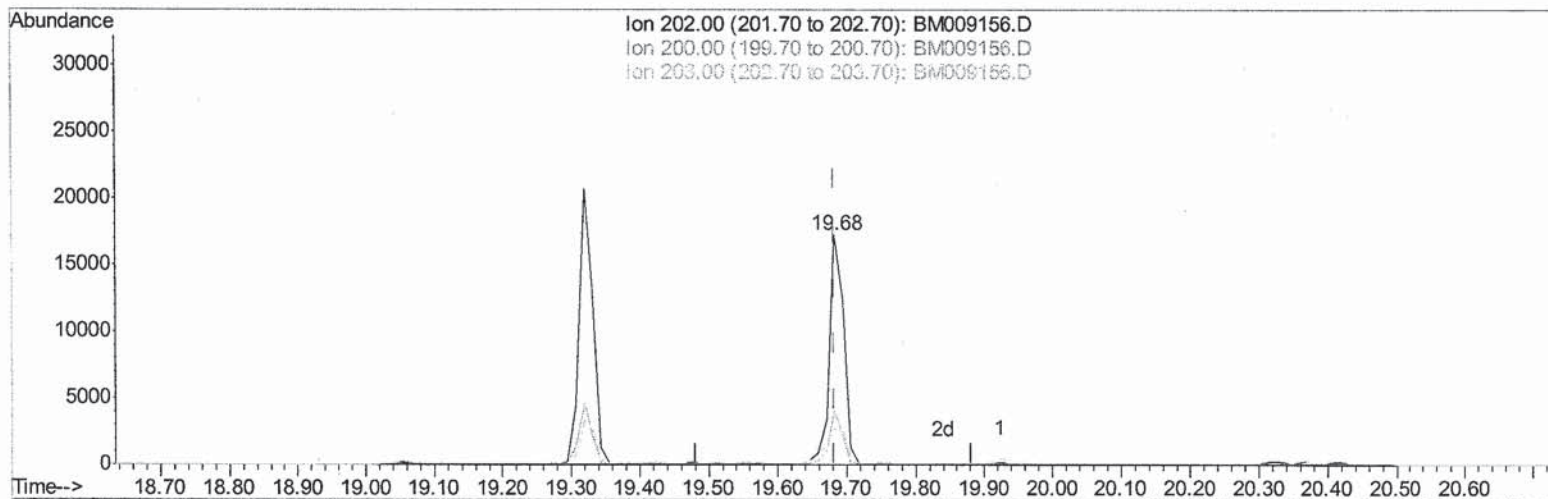
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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mohammad
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Quant Time: Mar 10 03:34:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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TIC: BM009156.D

(17) Pyrene

19.682min (+0.000) 5.94ng/ul m

SJ 3/13/17

response 25882

Ion	Exp%	Act%
202.00	100	100
200.00	22.80	23.46
203.00	19.50	16.12
0.00	0.00	0.00

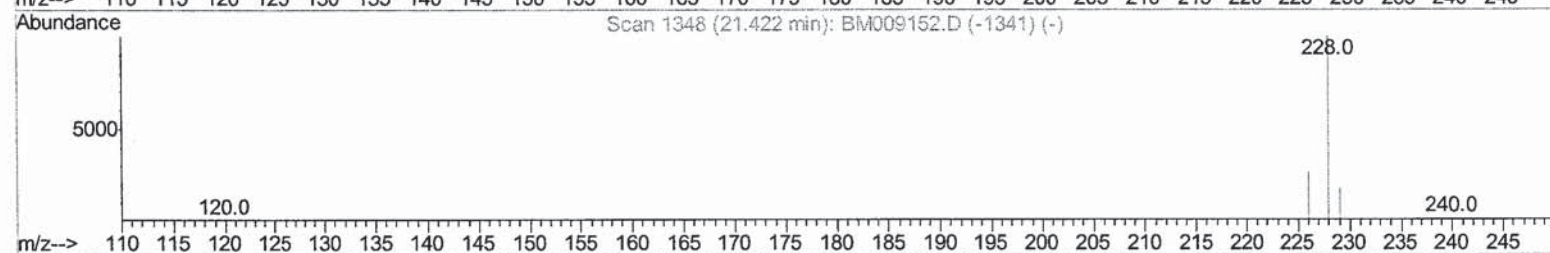
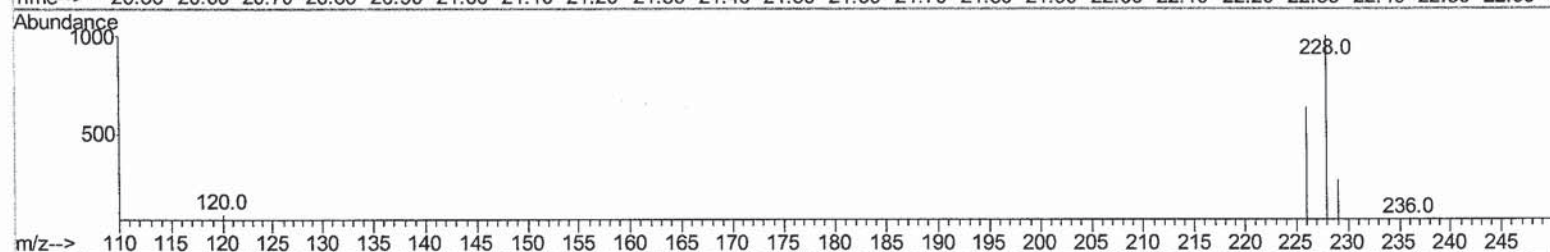
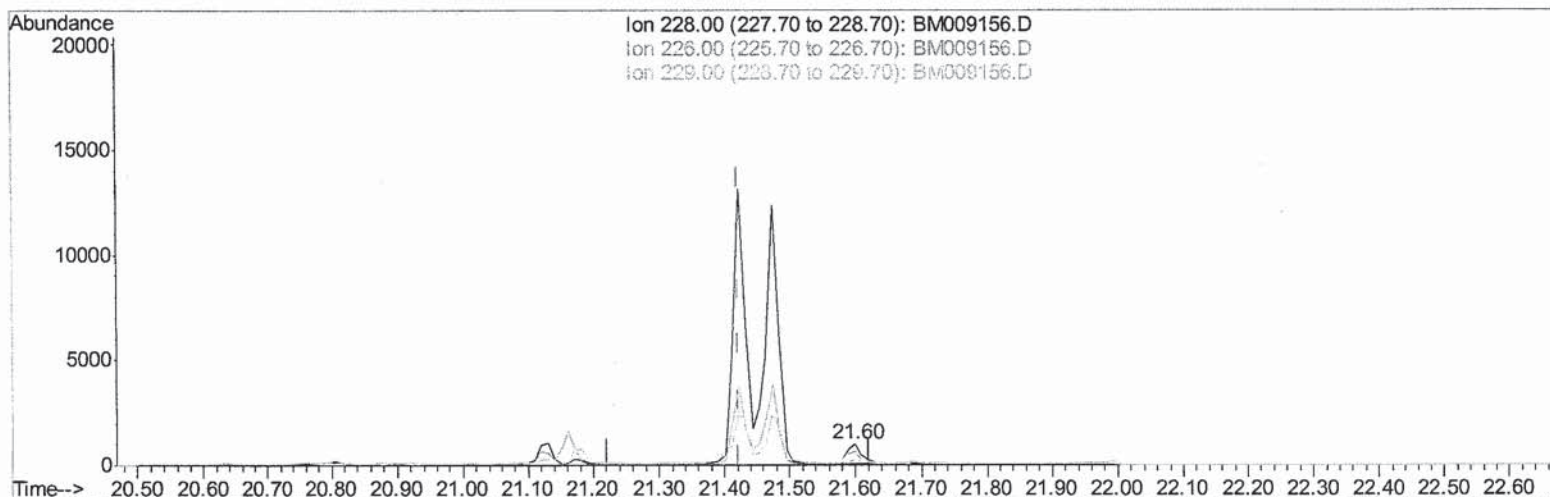
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
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Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

mohammad
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TIC: BM009156.D

(18) Benzo(a)anthracene

21.599min (+0.177) 0.33ng/ul

response 1401

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	63.54#
229.00	21.30	26.57#
0.00	0.00	0.00

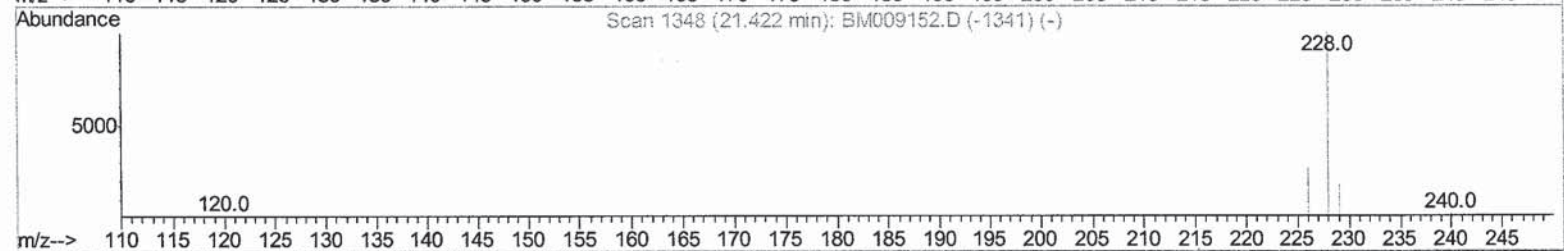
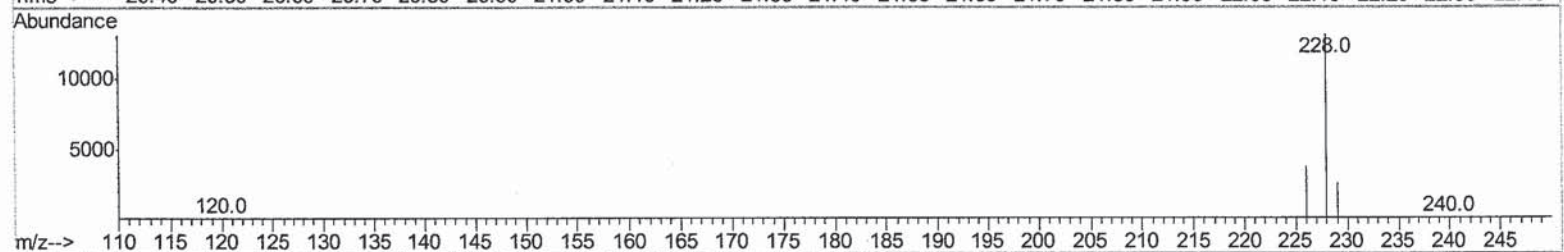
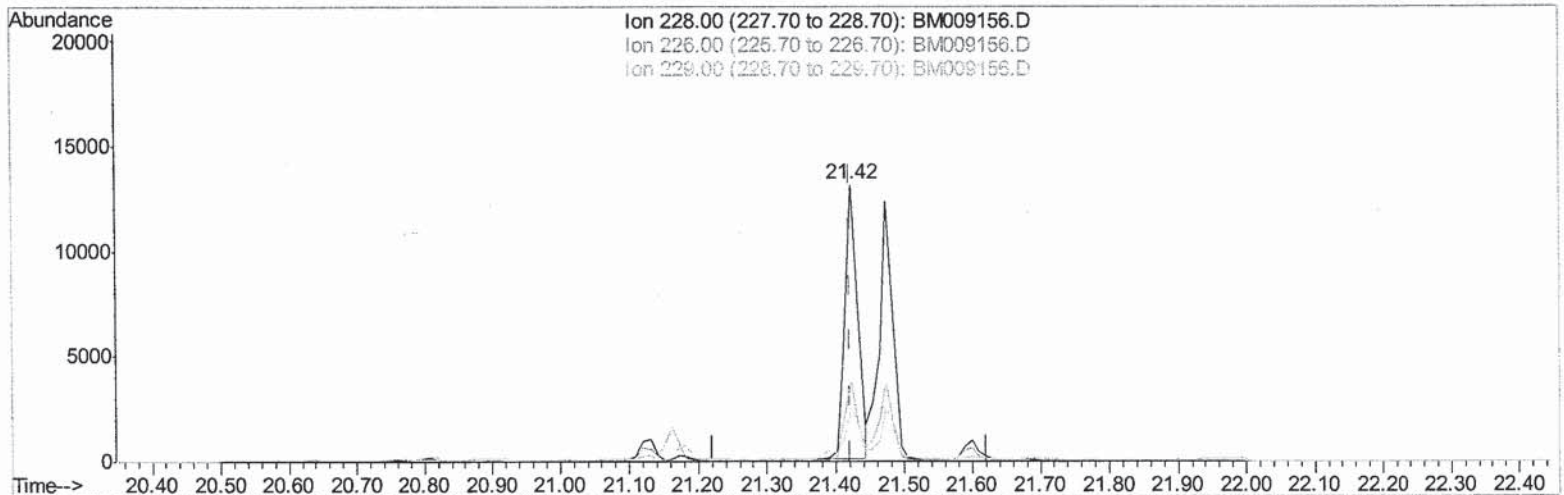
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:34:24 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: BM009156.D

(18) Benzo(a)anthracene

21.422min (+0.000) 4.00ng/ul m

SJ 3/13/17

response 16845

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	28.81
229.00	21.30	19.65
0.00	0.00	0.00

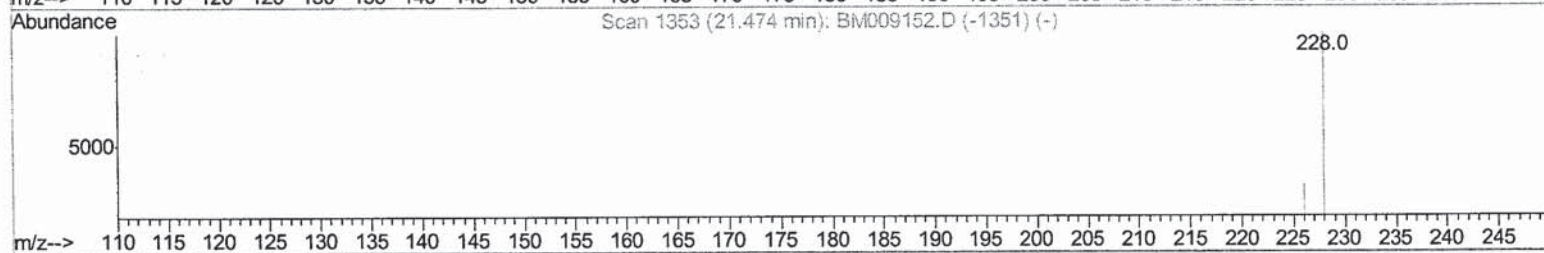
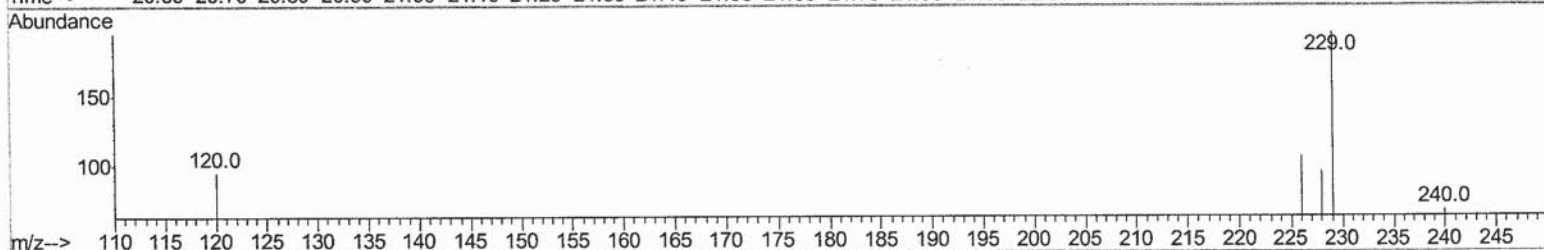
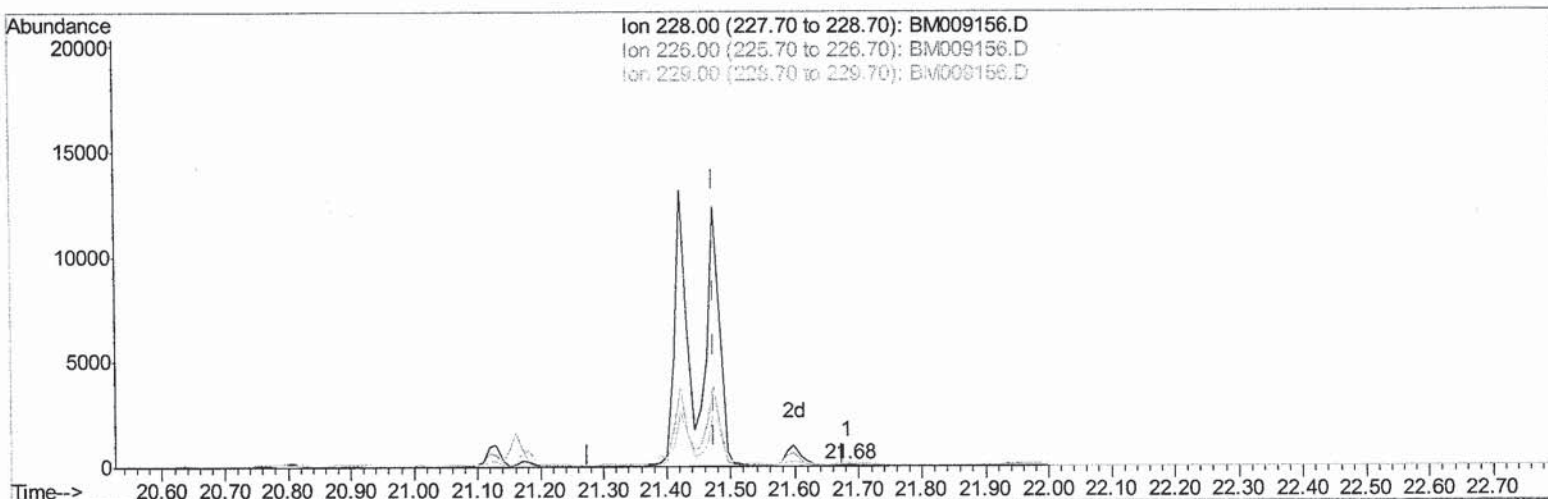
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:34:24 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: BM009156.D

(19) Chrysene

21.683min (+0.208) 0.02ng/ul

response 65

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	110.42#
229.00	22.10	203.13#
0.00	0.00	0.00

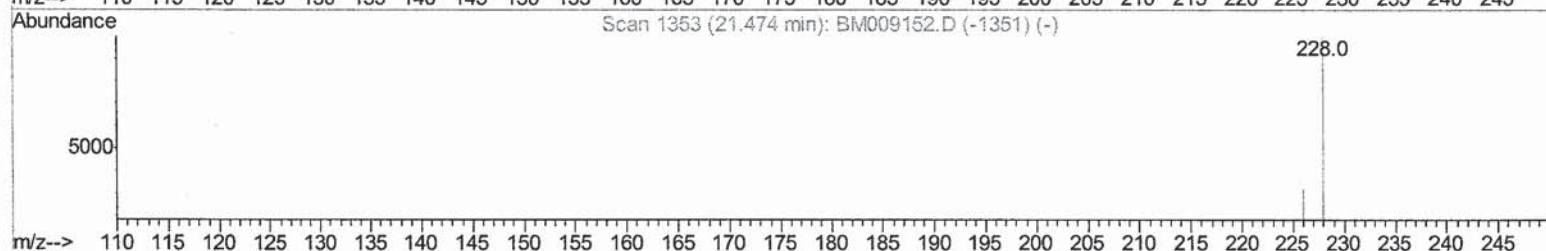
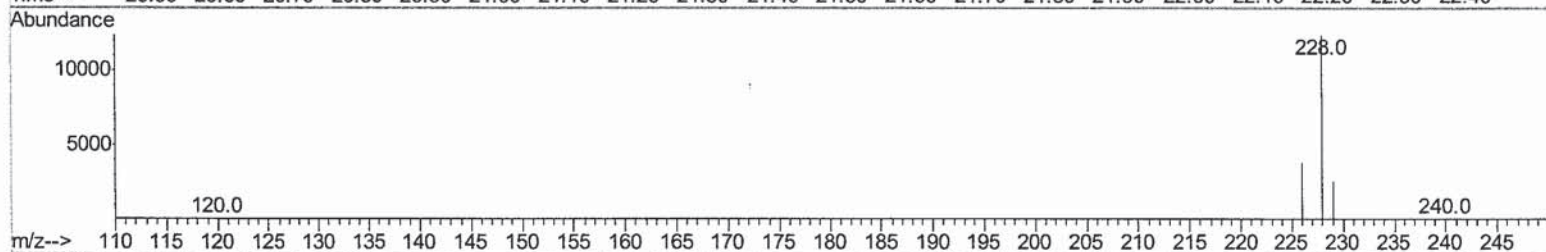
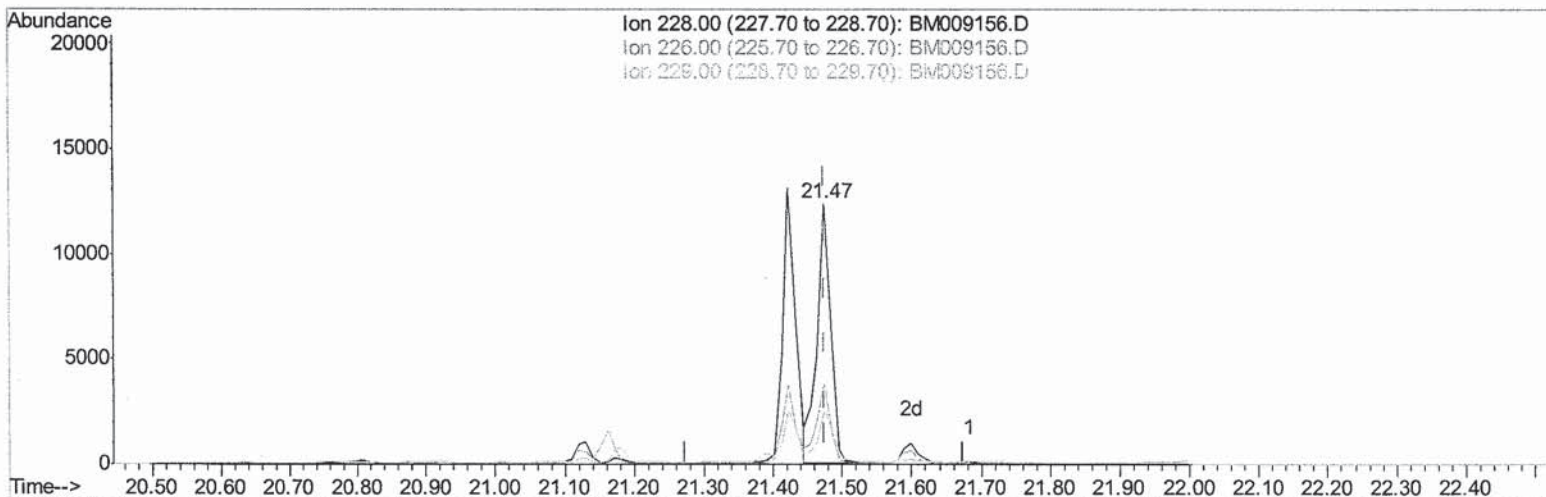
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 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: BM009156.D

(19) Chrysene

21.474min (+0.000) 4.26ng/ul m

SJ 3/13/17

response 16985

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.93
229.00	22.10	20.81
0.00	0.00	0.00

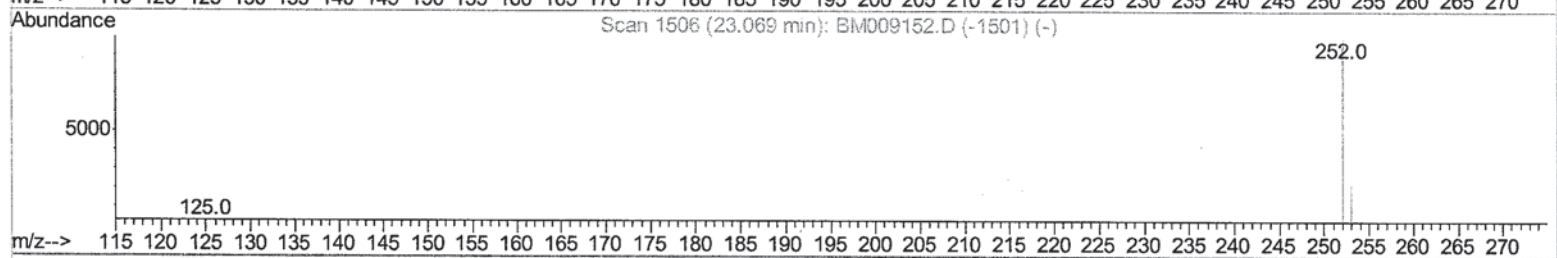
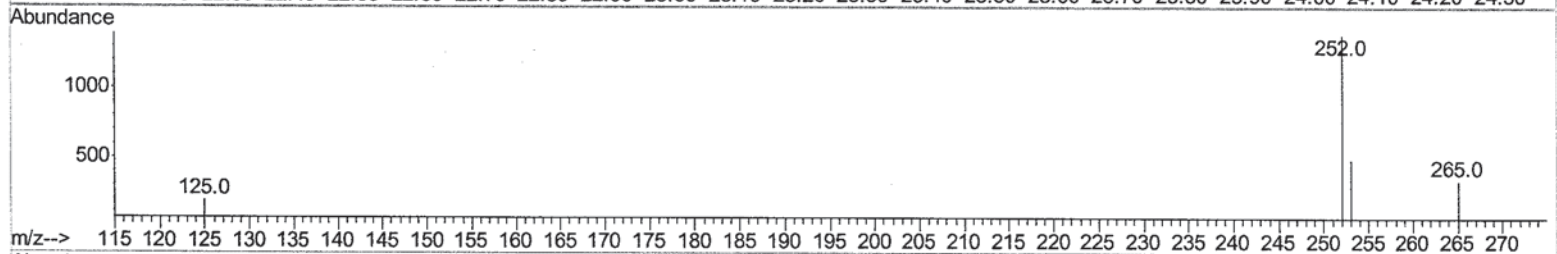
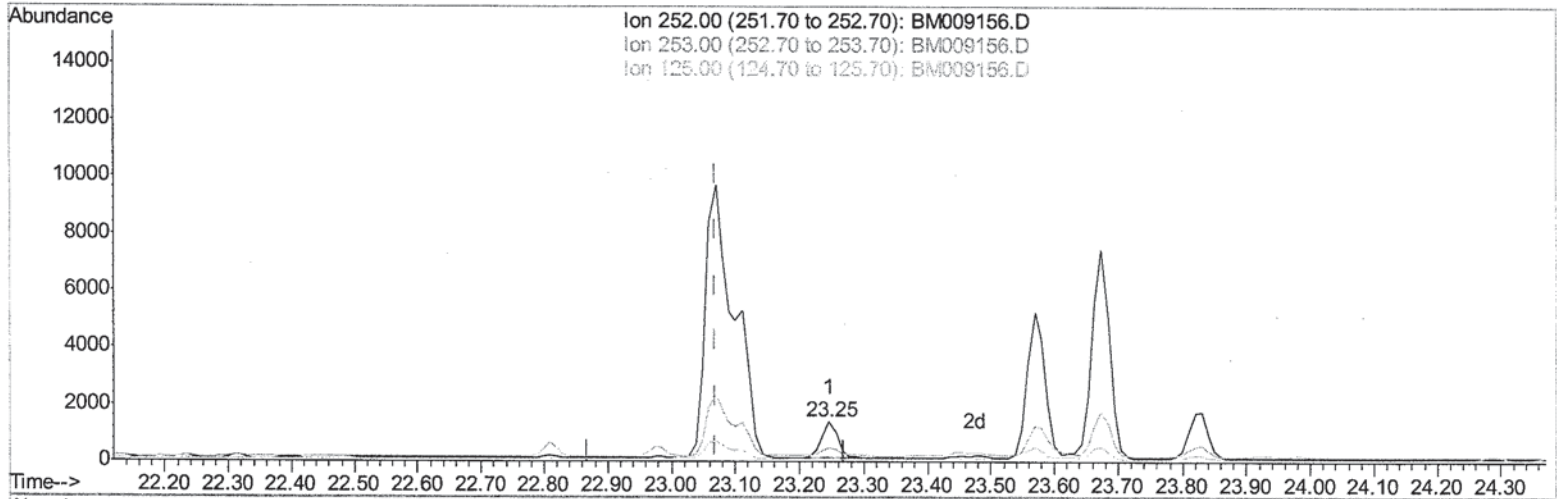
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Mar 10 03:34:24 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: BM009156.D

(21) Benzo(b)fluoranthene
23.246min (+0.177) 0.49ng/ul
response 2364

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.22
125.00	17.50	13.34
0.00	0.00	0.00

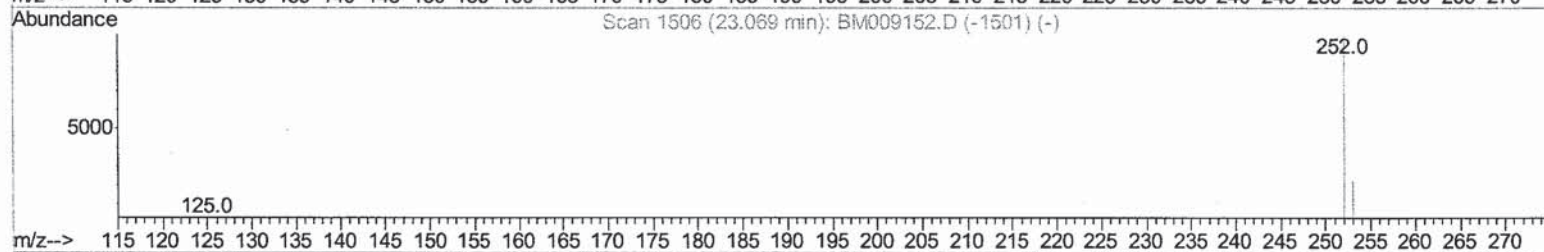
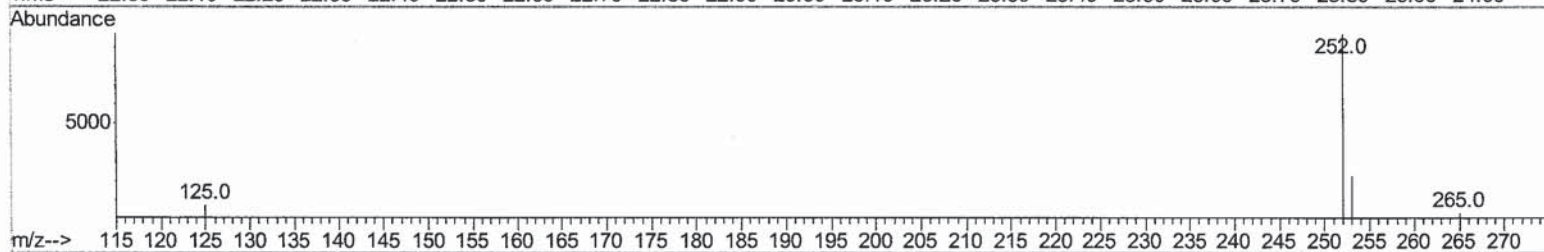
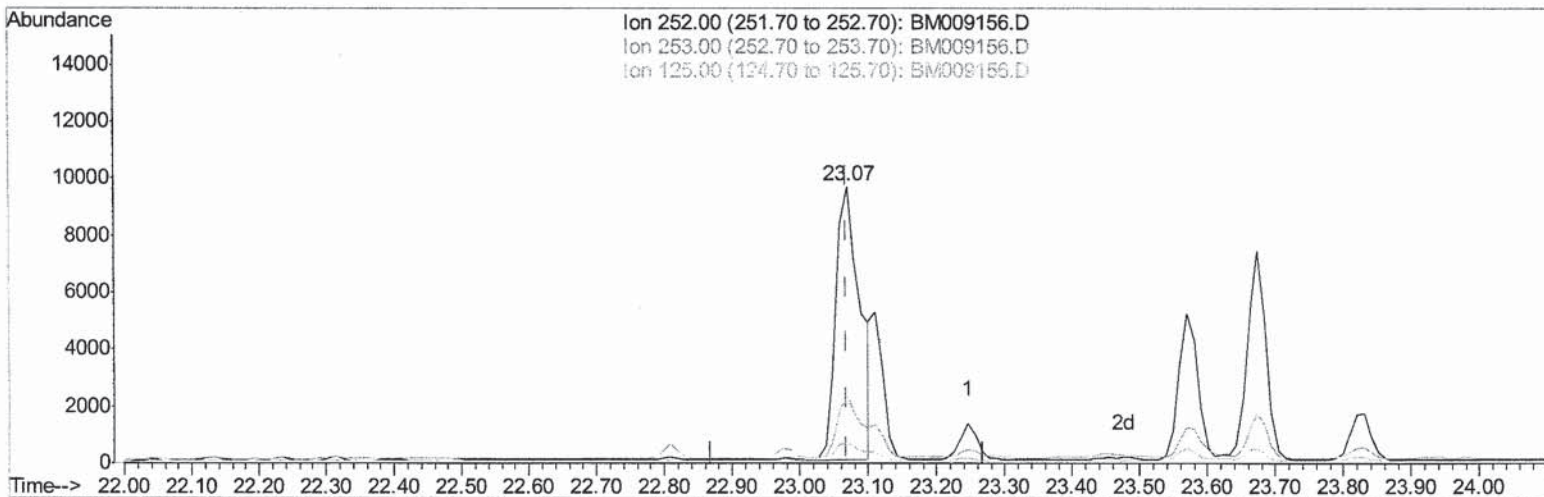
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 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: BM009156.D

(21) Benzo(b)fluoranthene

23.069min (+0.000) 4.98ng/ul m

response 24234

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.95
125.00	17.50	7.50
0.00	0.00	0.00

SJ 3/13/17

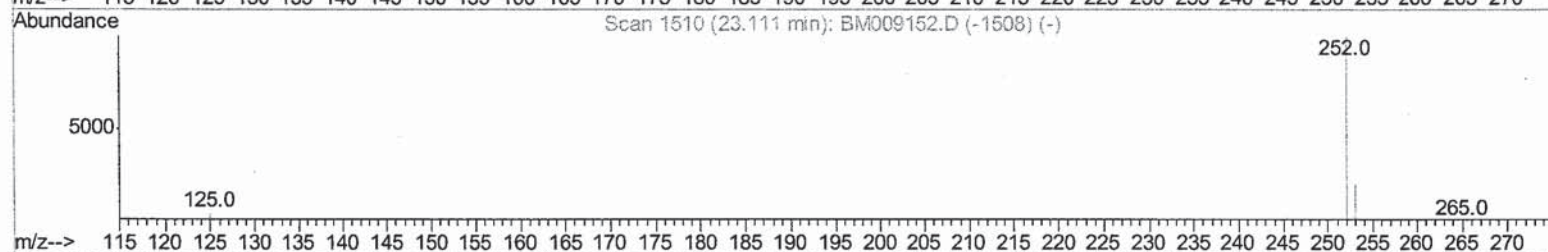
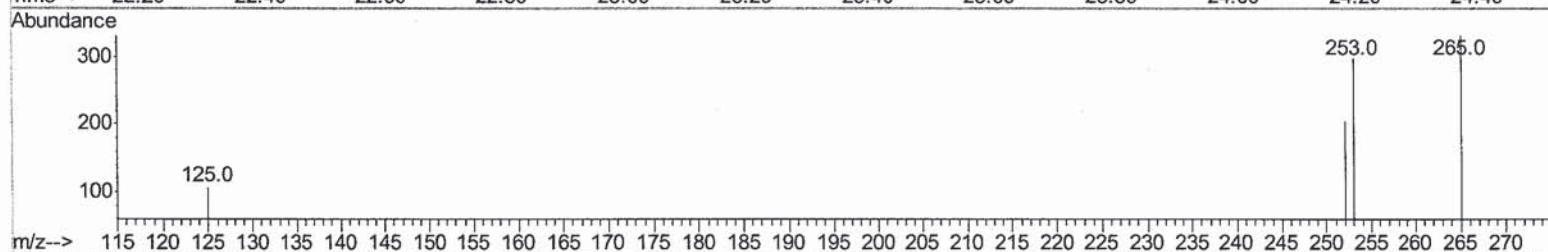
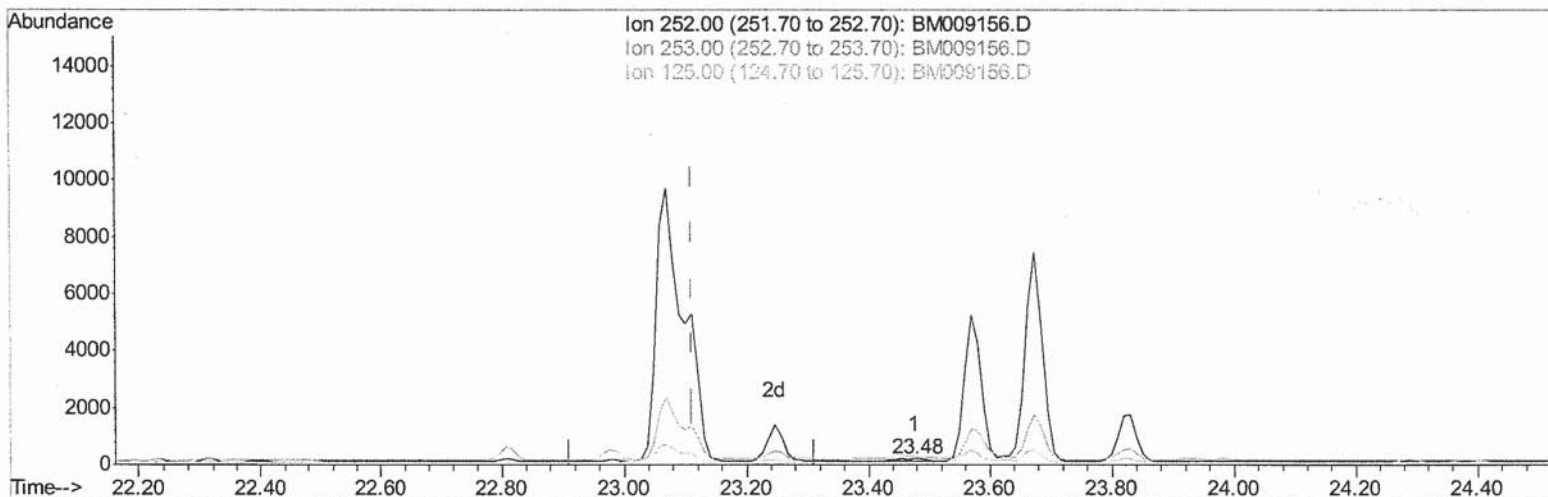
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 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: BM009156.D

(22) Benzo(k)fluoranthene

23.476min (+0.365) 0.08ng/ul

response 335

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	146.08#
125.00	17.10	51.96#
0.00	0.00	0.00

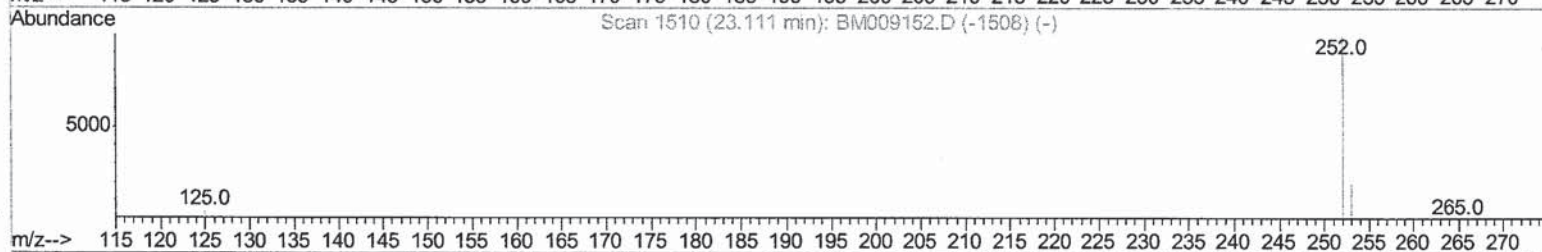
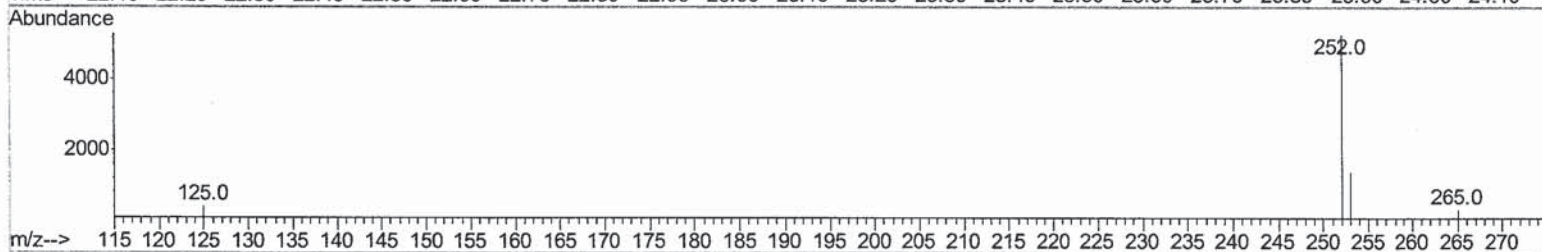
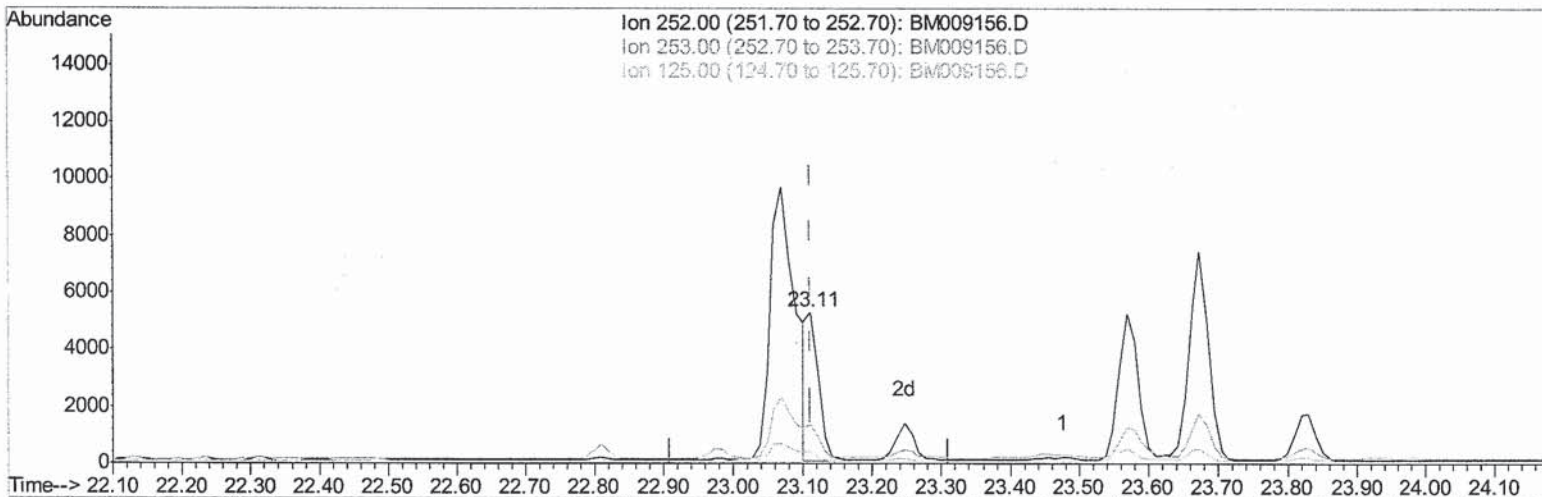
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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TIC: BM009156.D

(22) Benzo(k)fluoranthene

23.111min (+0.000) 1.38ng/ul m

SJ 3/13/17

response 5953

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.97
125.00	17.10	7.24#
0.00	0.00	0.00

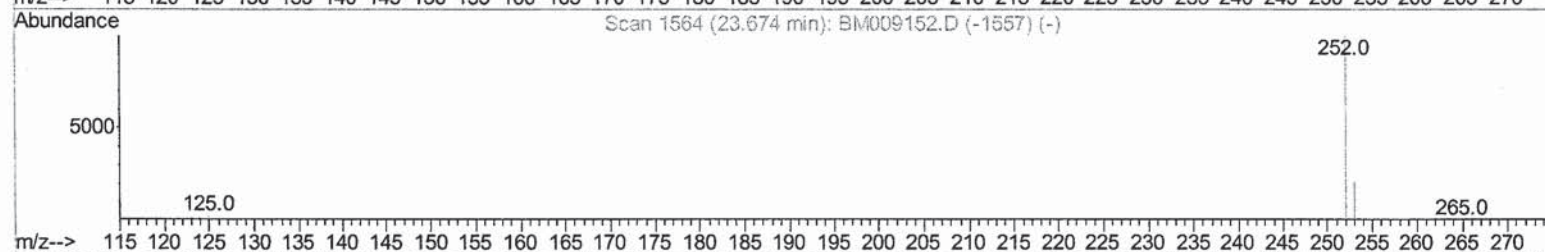
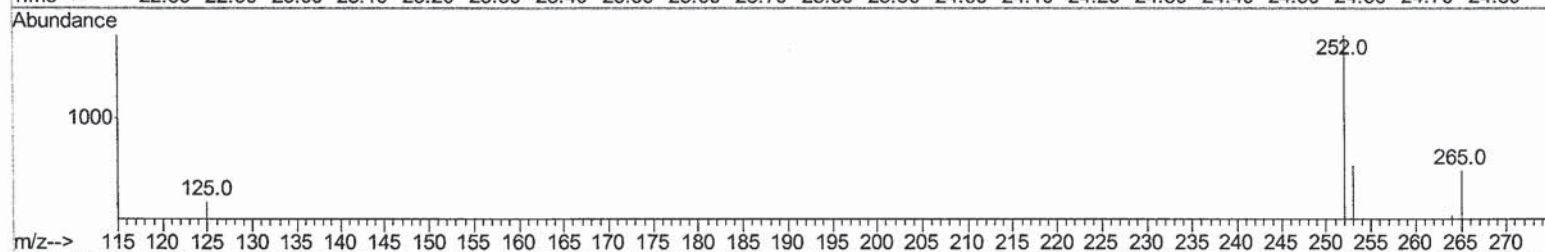
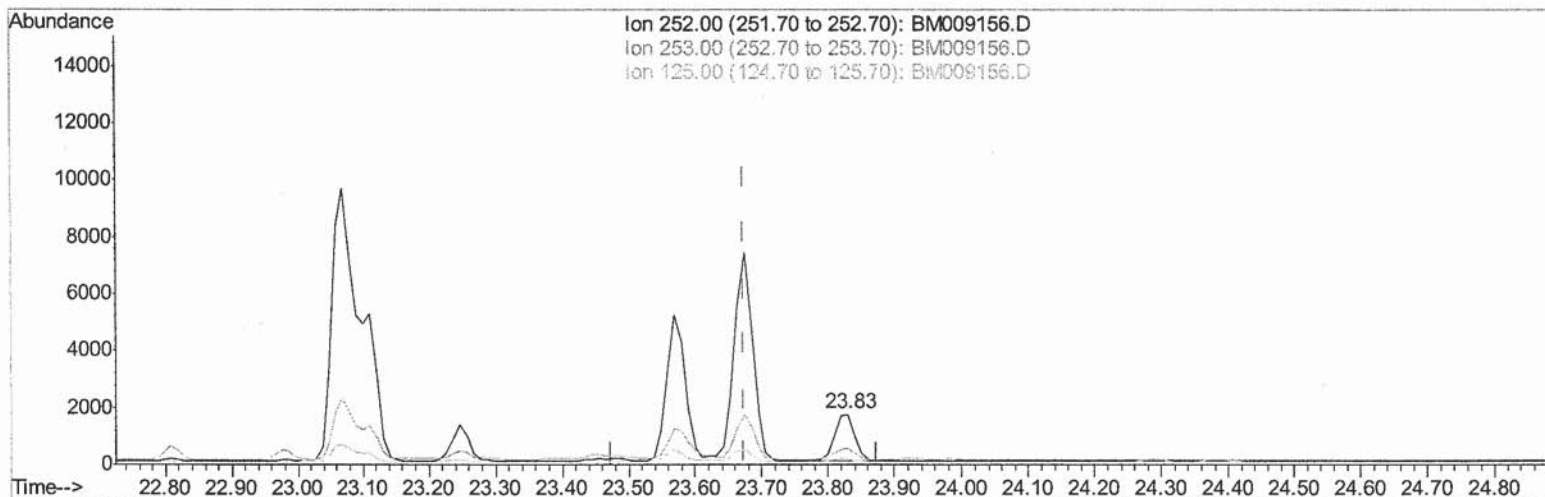
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 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: BM009156.D

(23) Benzo(a)pyrene (C)

23.830min (+0.156) 0.79ng/ul

response 3465

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	32.17
125.00	22.60	12.81#
0.00	0.00	0.00

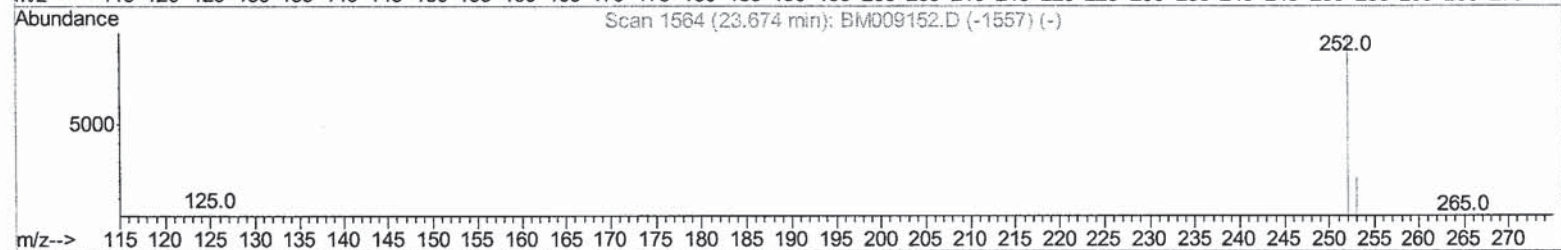
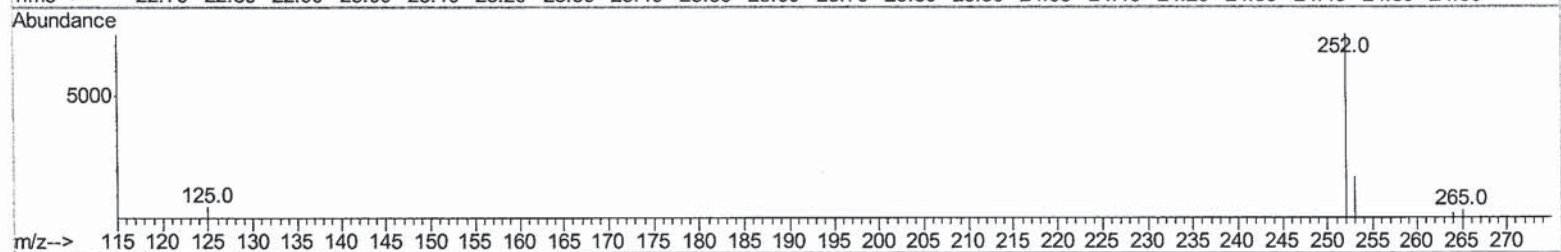
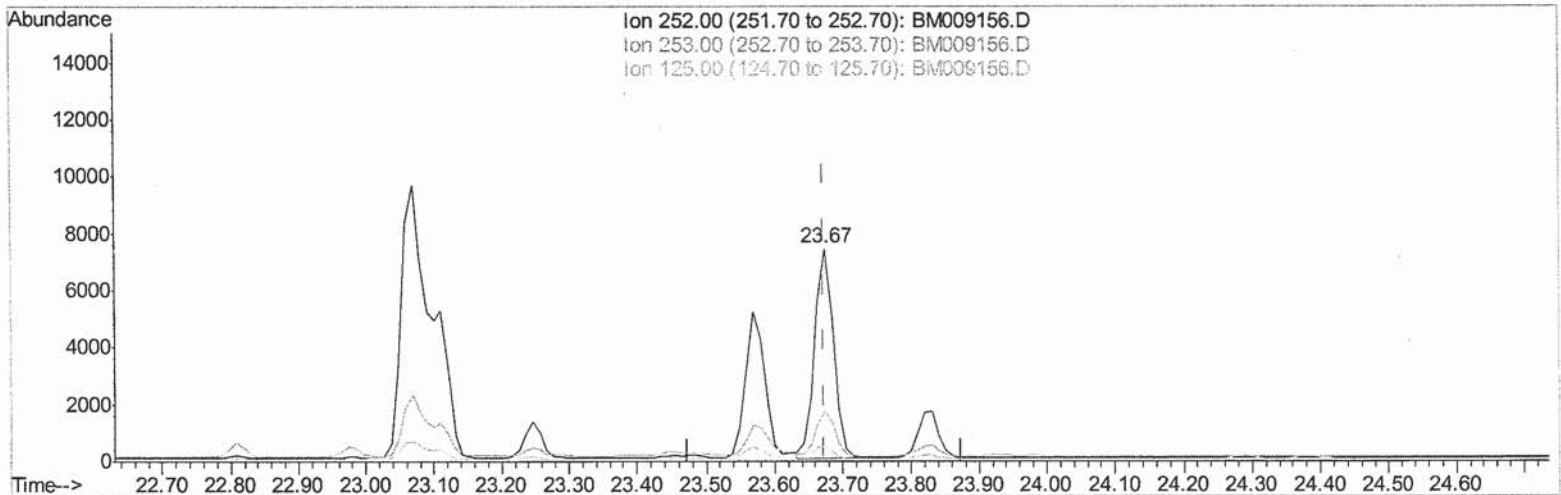
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 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: BM009156.D

(23) Benzo(a)pyrene (C)

23.674min (+0.000) 3.25ng/ul m

SJ 3/10/17

response 14227

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.96#
125.00	22.60	7.33#
0.00	0.00	0.00

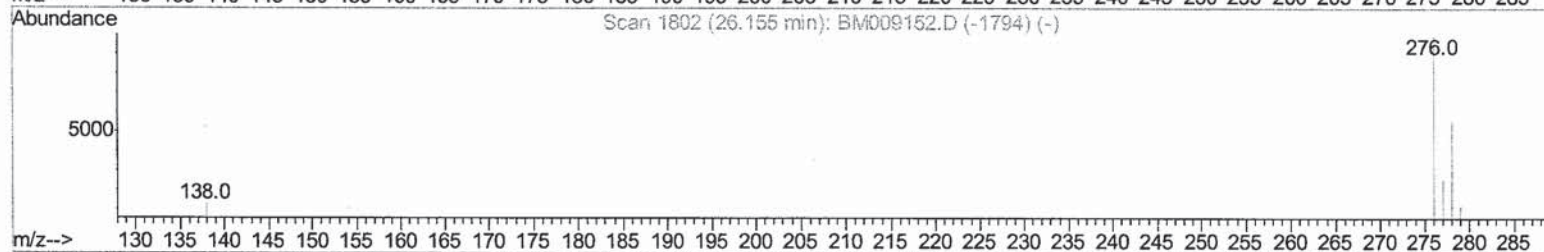
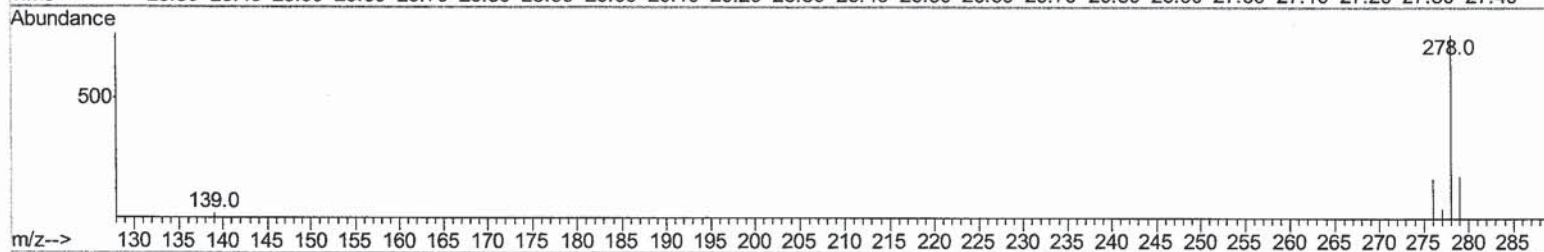
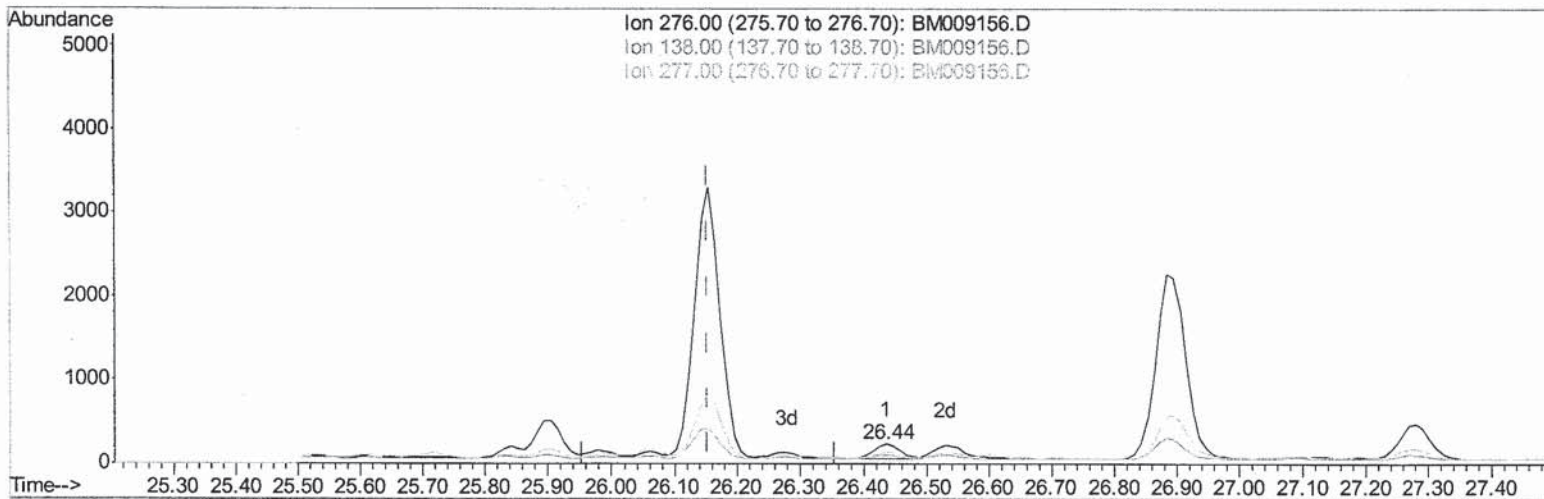
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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Response via : Initial Calibration



TIC: BM009156.D

(24) Indeno(1,2,3-cd)pyrene

26.436min (+0.281) 0.10ng/ul

response 530

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	29.06#
277.00	24.50	42.64#
0.00	0.00	0.00

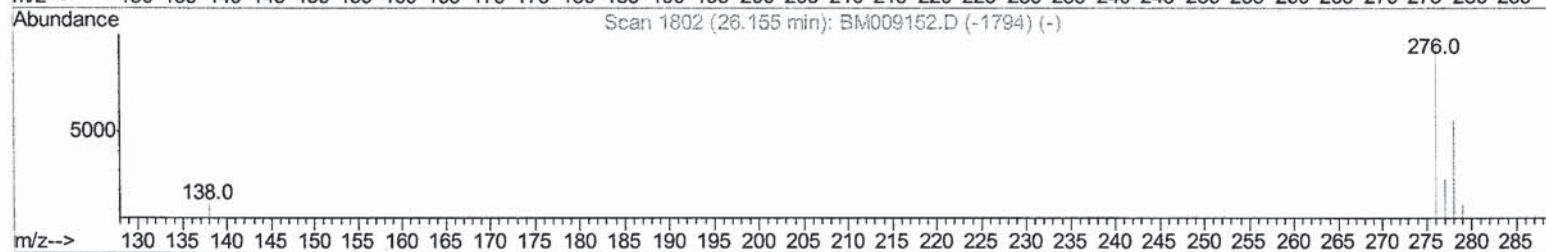
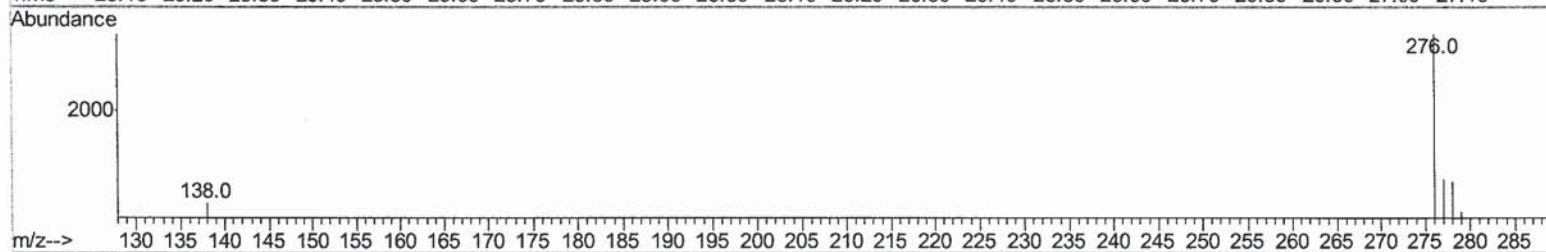
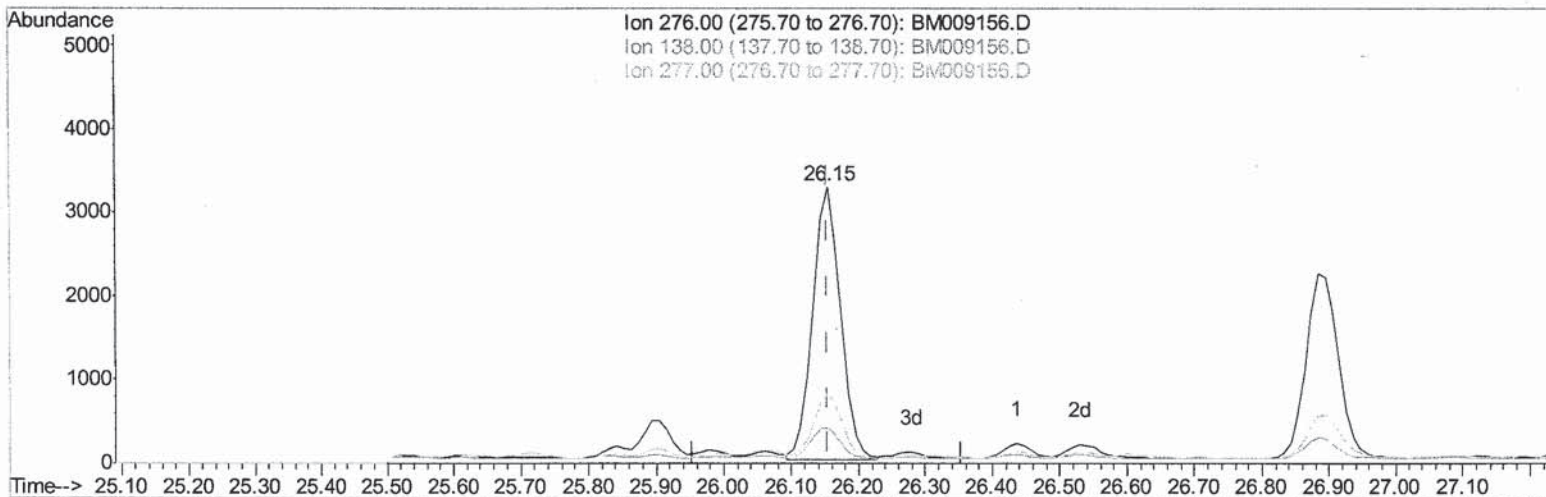
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 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: BM009156.D

(24) Indeno(1,2,3-cd)pyrene

26.155min (+0.000) 1.69ng/ul m

SJ 3/13/17

response 9416

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	1.64#
277.00	24.50	2.40#
0.00	0.00	0.00

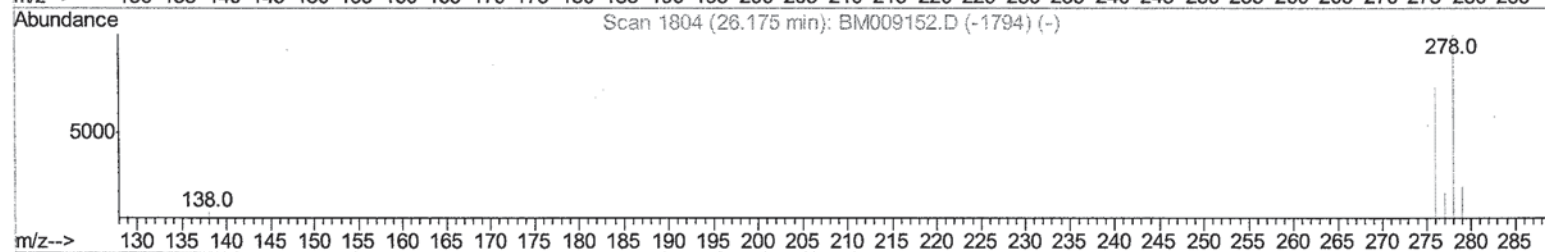
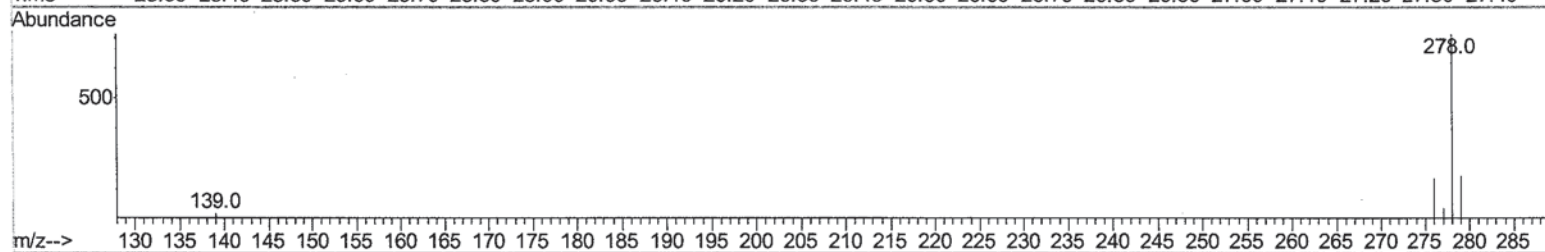
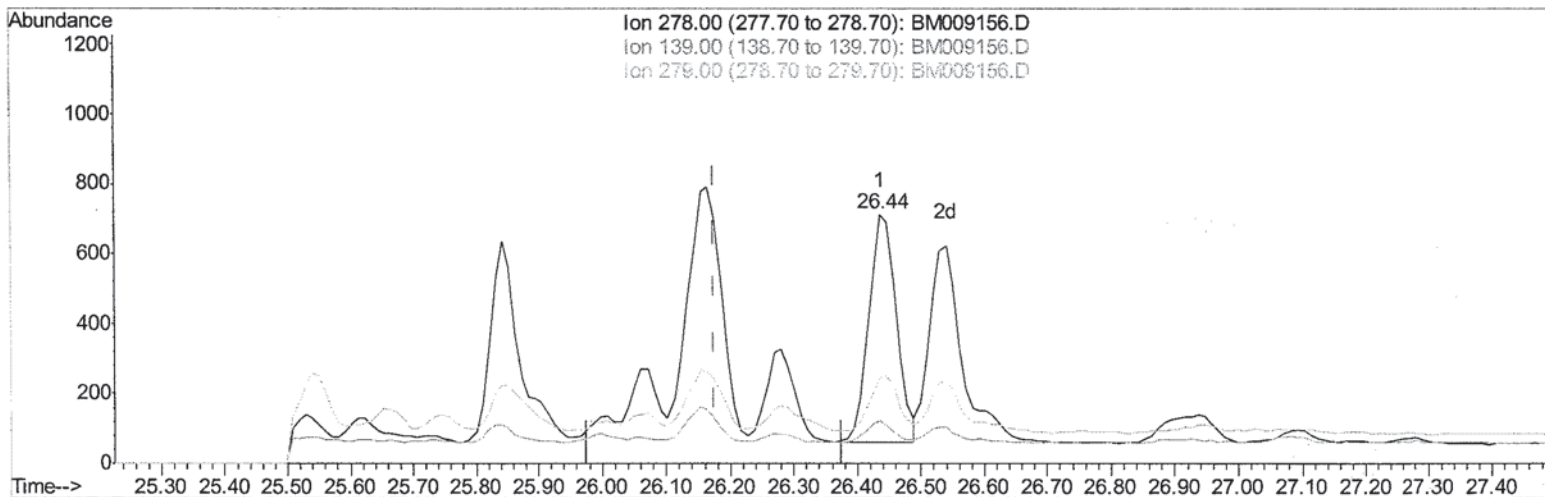
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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Response via : Initial Calibration



TIC: BM009156.D

(25) Dibenzo(a,h)anthracene

26.436min (+0.261) 0.41ng/ul

response 1930

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	16.99#
279.00	32.40	34.55
0.00	0.00	0.00

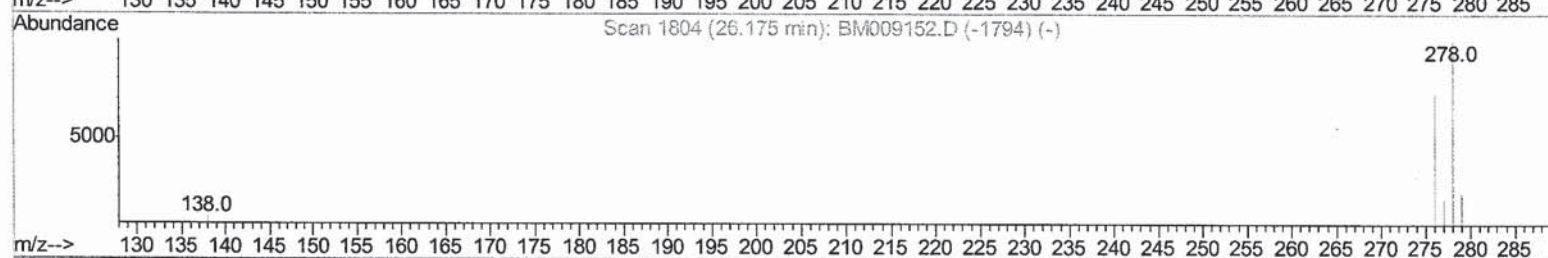
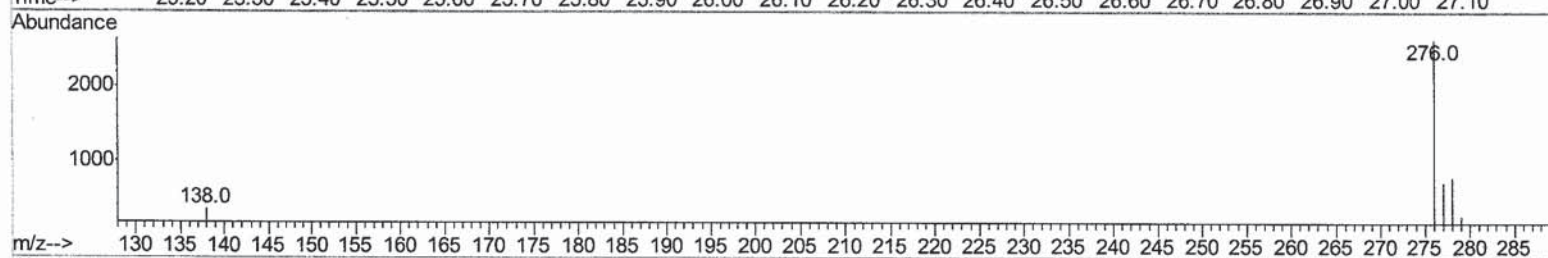
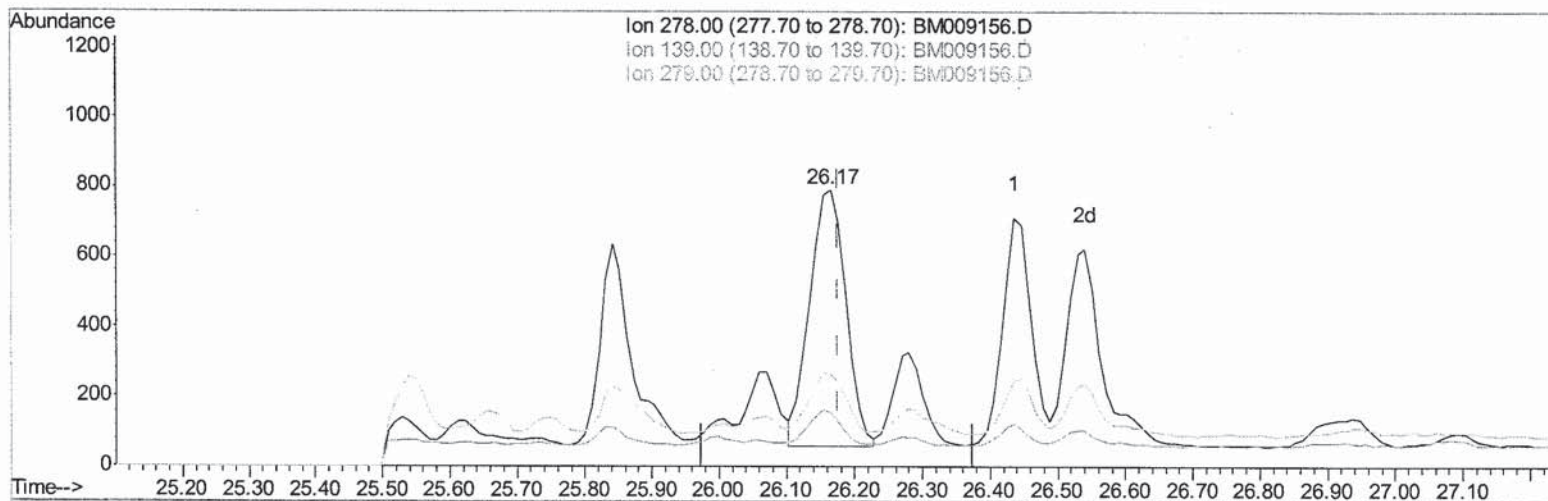
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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Response via : Initial Calibration



TIC: BM009156.D

(25) Dibenzo(a,h)anthracene

26.165min (-0.010) 0.58ng/ul m

SJ 3/13/17

response 2705

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	19.72
279.00	32.40	33.38
0.00	0.00	0.00

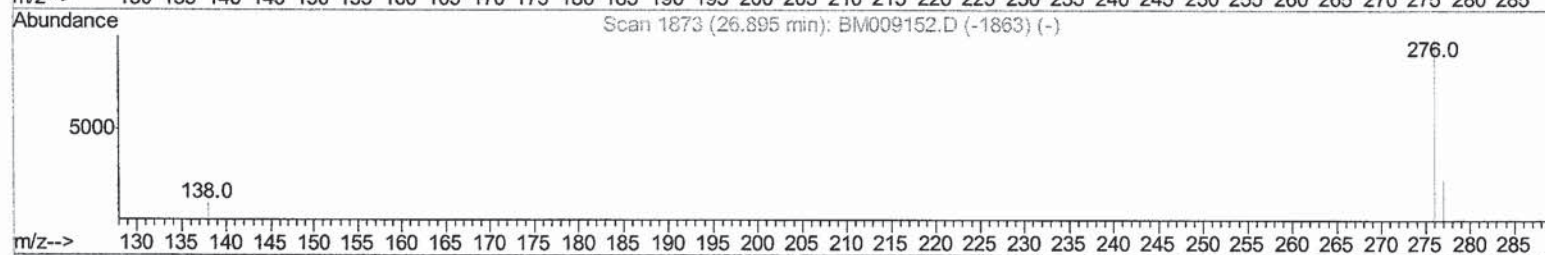
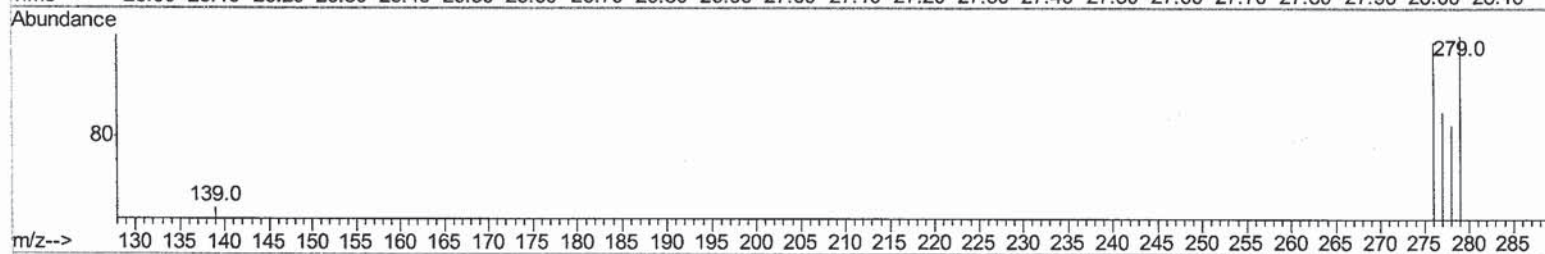
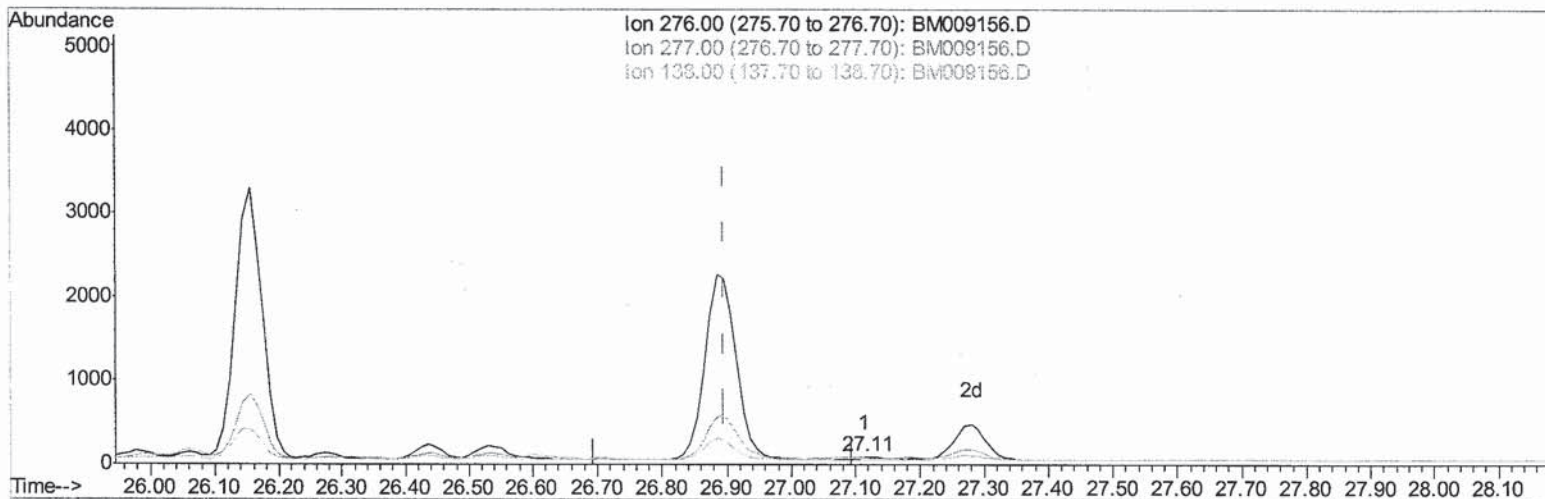
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
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Quant Time: Mar 10 03:34:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
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TIC: BM009156.D

(26) Benzo(g,h,i)perylene

27.114min (+0.219) 0.03ng/ul

response 129

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	87.50#
138.00	25.60	68.75#
0.00	0.00	0.00

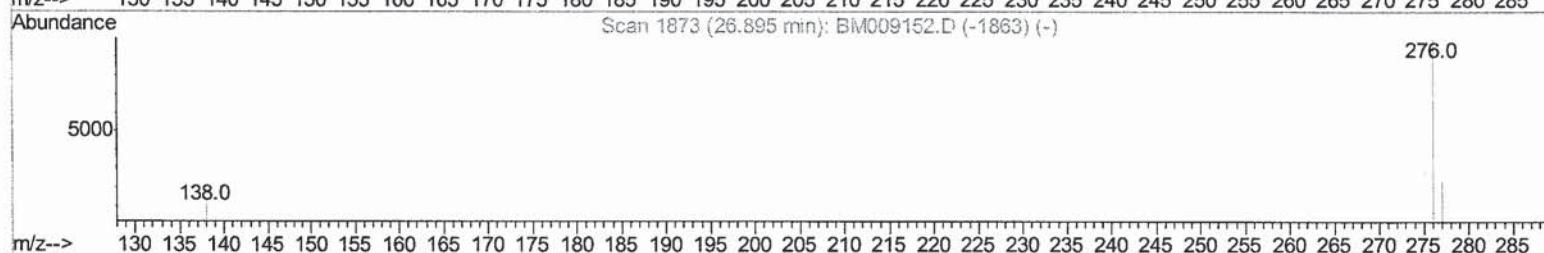
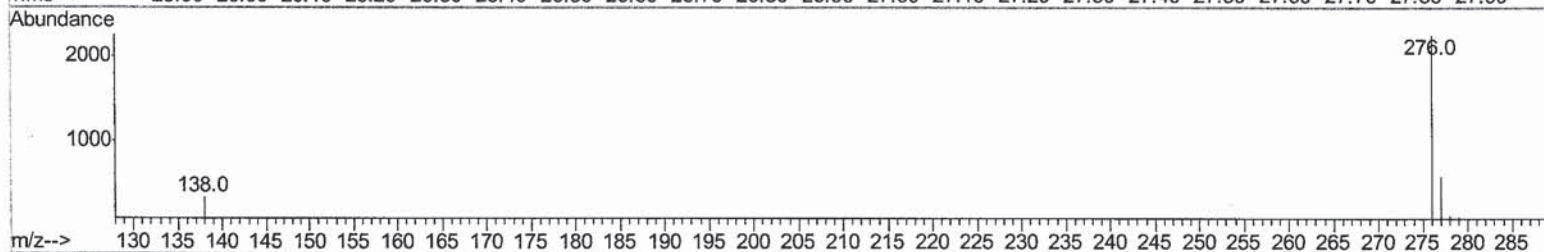
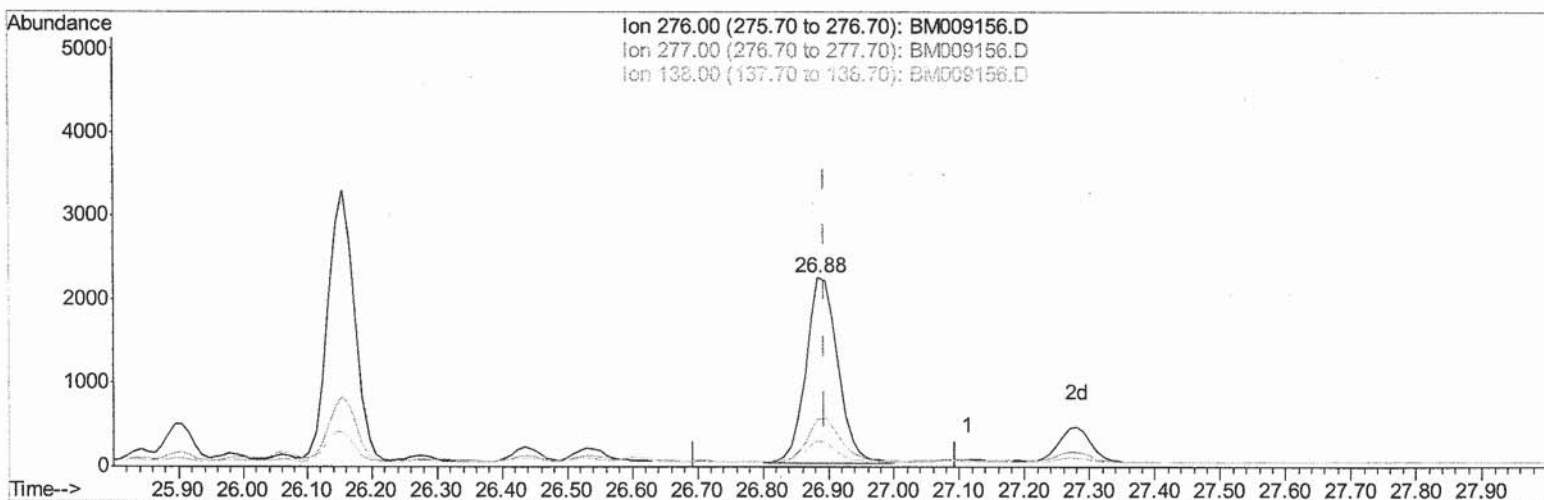
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
Data File : BM009156.D
Acq On : 09 Mar 2017 21:33
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:34:24 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: BM009156.D

(26) Benzo(g,h,i)perylene

26.884min (-0.010) 1.59ng/ul m

SJ 3/13/17

response 7532

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	25.42
138.00	25.60	14.01#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
 Data File : BM009156.D
 Acq On : 09 Mar 2017 21:33
 Operator : SJ/MA
 Sample : I2069-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ7

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:01:32 PM

Quant Time: Mar 10 03:36:40 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	242	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	750	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	458	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1139m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1266m	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1238m	0.40	ng/ul	0.00

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.27	152	231	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	686	0.19	ng/ul	0.00

Target Compounds

					Ovalue	
3) Naphthalene	10.73	128	1251	0.58	ng/ul	94
5) 2-Methylnaphthalene	12.34	142	747	0.48	ng/ul	100
7) Acenaphthylene	14.23	152	238	0.10	ng/ul#	44
8) Acenaphthene	14.57	153	597	0.33	ng/ul#	87
9) Fluorene	15.56	166	532m	0.25	ng/ul	
12) Phenanthrene	17.30	178	11830m	3.31	ng/ul	
13) Anthracene	17.40	178	2138	0.61	ng/ul	96
15) Fluoranthene	19.32	202	28989	6.21	ng/ul	92
17) Pyrene	19.68	202	25882m	5.94	ng/ul	
18) Benzo(a)anthracene	21.42	228	16845m	4.00	ng/ul	
19) Chrysene	21.47	228	16985m	4.26	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	24234m	4.98	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	5953m	1.38	ng/ul	
23) Benzo(a)pyrene	23.67	252	14227m	3.25	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	9416m	1.69	ng/ul	
25) Dibenzo(a,h)anthracene	26.17	278	2705m	0.58	ng/ul	
26) Benzo(a,h,i)perylene	26.88	276	7532m	1.59	ng/ul	

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