

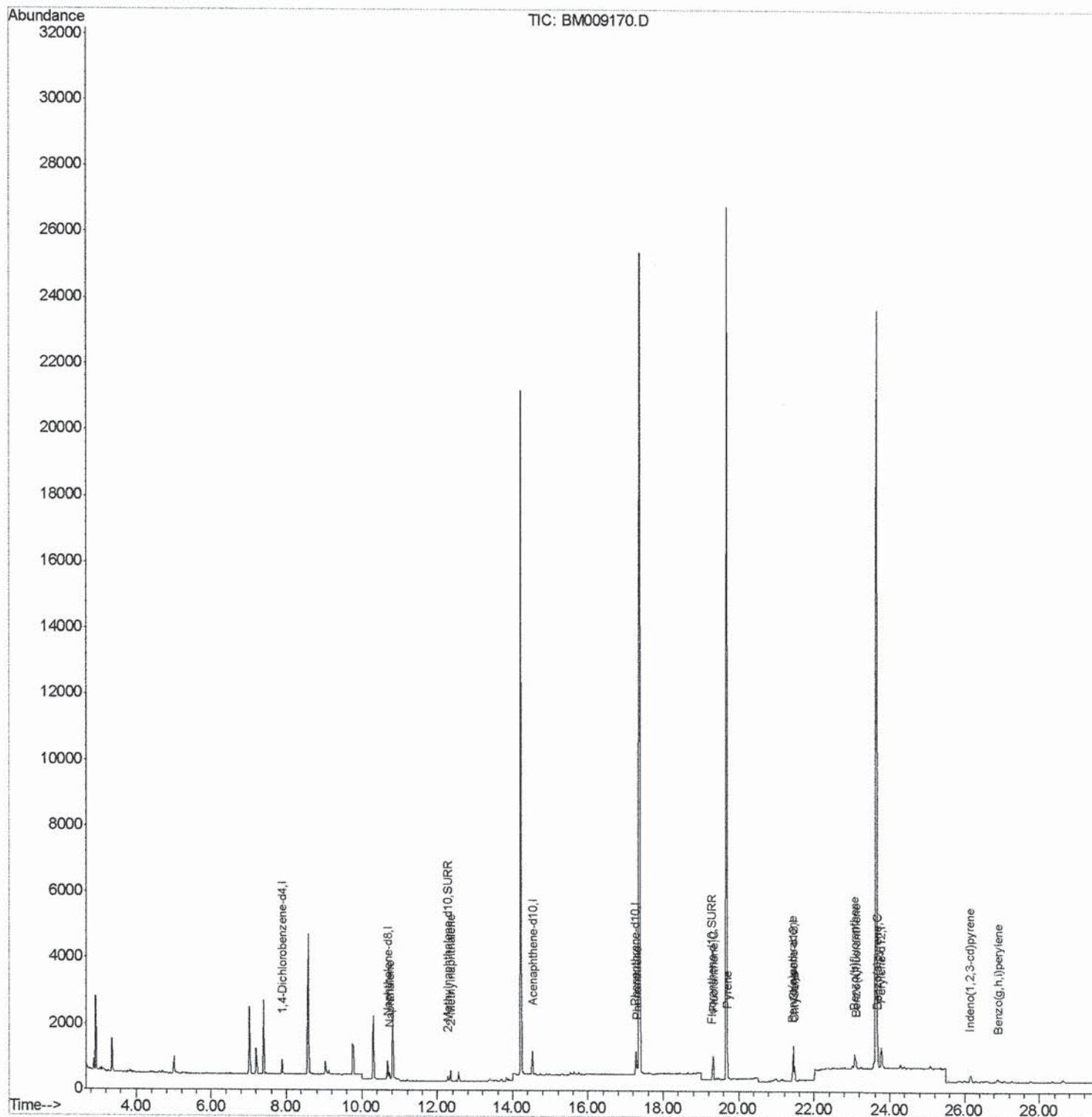
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COAL1

Manual Integrations
APPROVED

mohammad
3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:32:43 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 15:19:24 2017
Response via : Initial Calibration



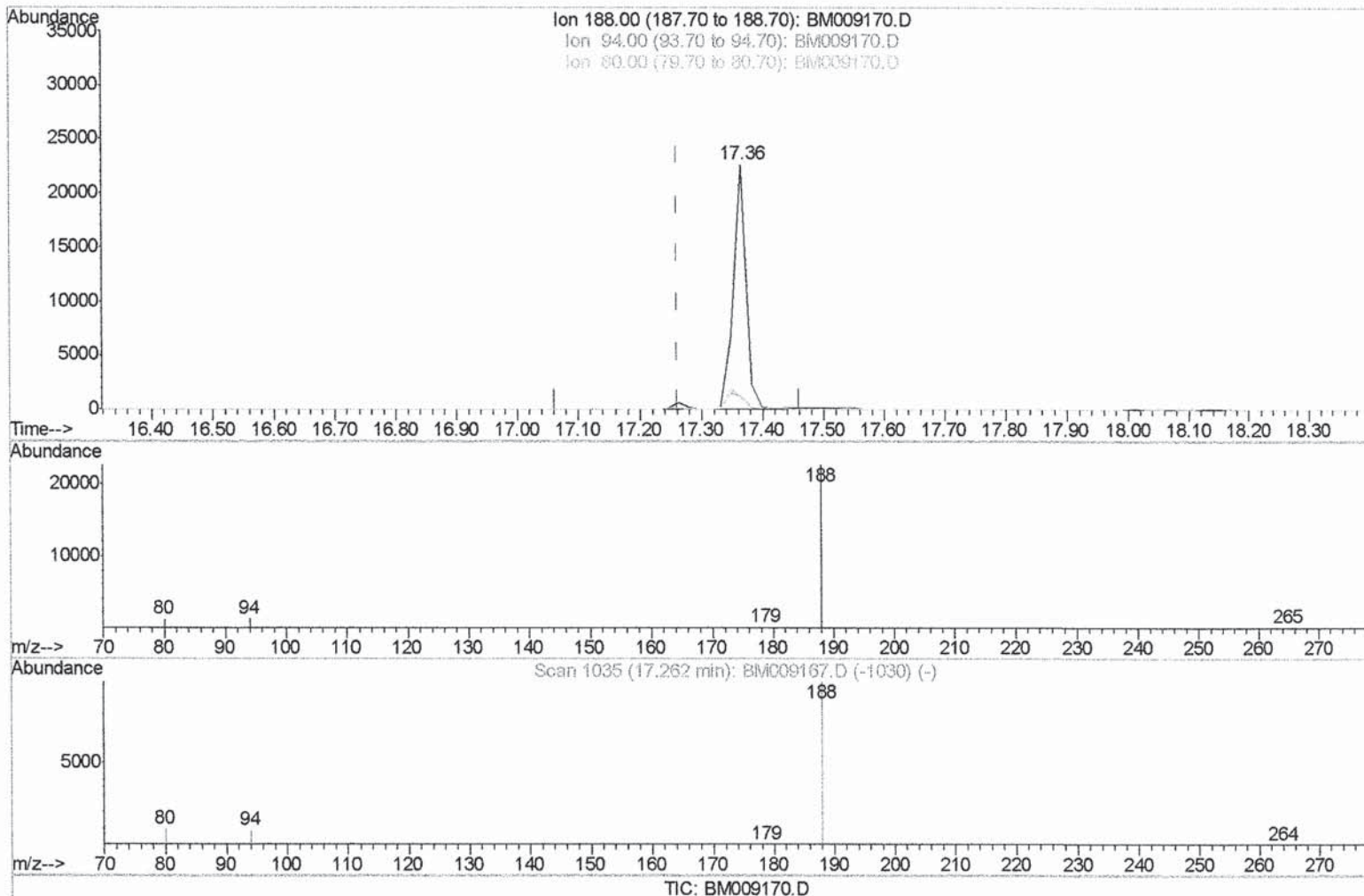
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations
APPROVED

mohammad
3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:29:58 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 15:19:24 2017
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.365min (+0.103) 0.40ng/ul

response 32498

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.53#
80.00	11.80	5.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

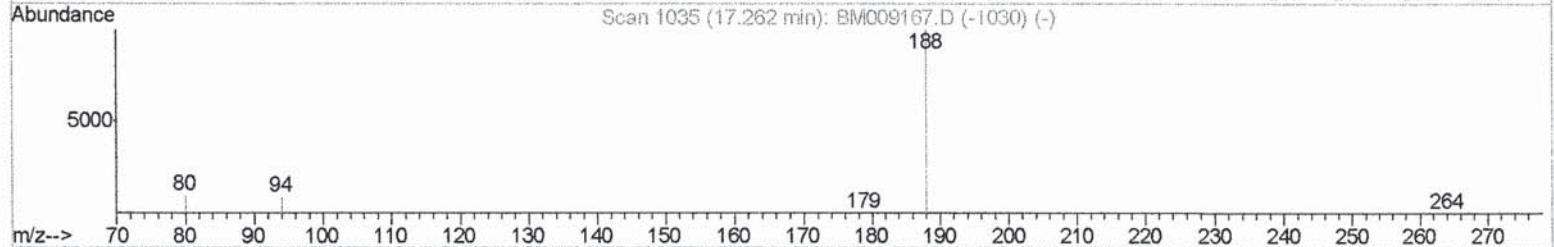
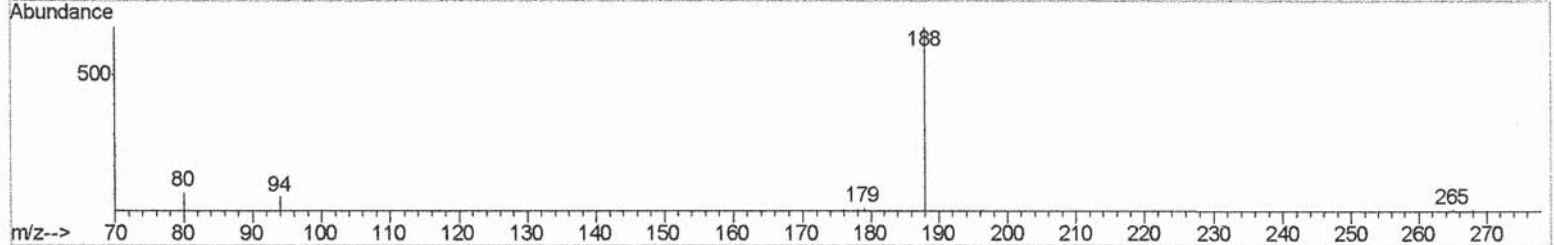
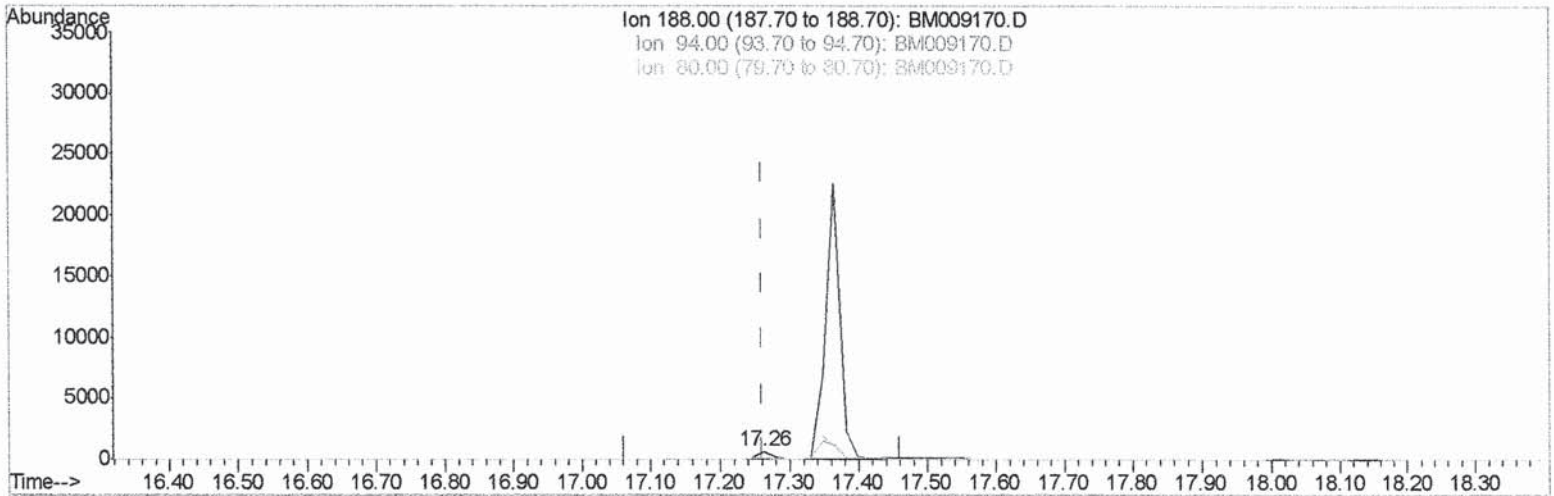
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
 Data File : BM009170.D
 Acq On : 10 Mar 2017 11:35
 Operator : SJ/MA
 Sample : I2107-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL1

Manual Integrations
 APPROVED

mohammad
 3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:29:58 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 15:19:24 2017
 Response via : Initial Calibration



TIC: BM009170.D

(10) Phenanthrene-d10 (I)

17.262min (-0.000) 0.40ng/ul m

response 896

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.09#
80.00	11.80	16.06#
0.00	0.00	0.00

SJ
 03/13/17

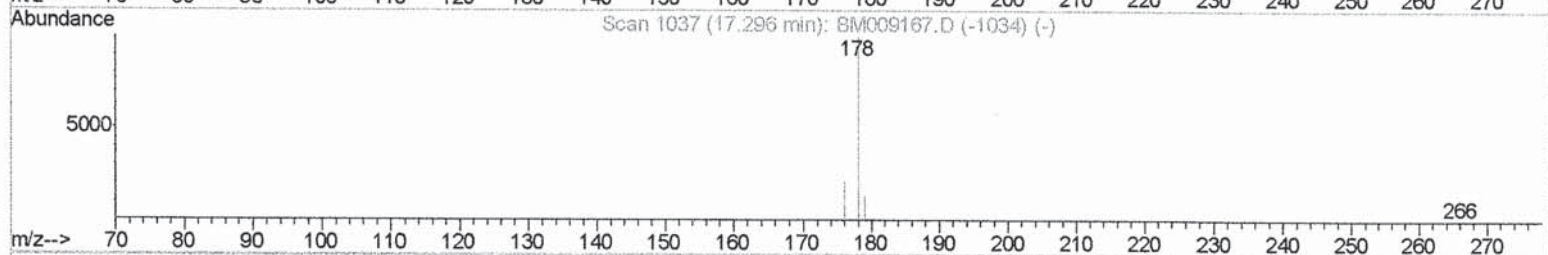
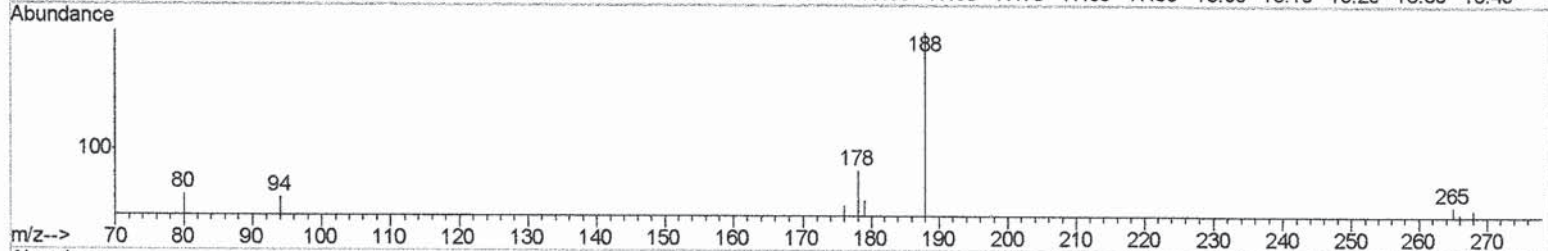
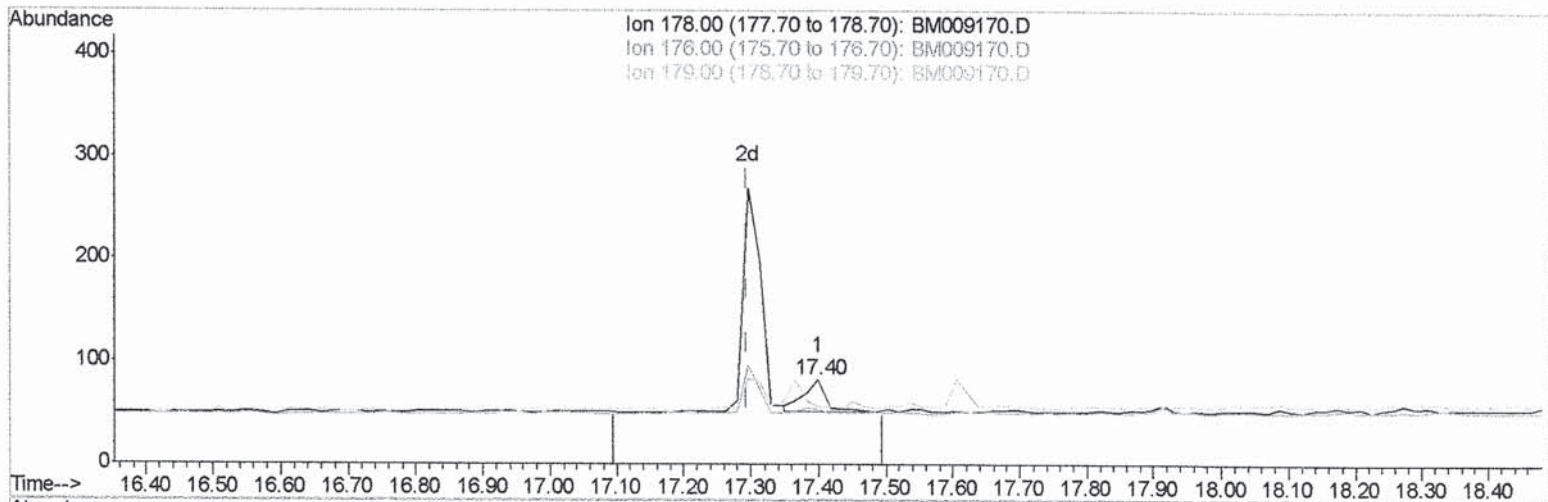
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations
APPROVED

mohammad
3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:30:55 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 15:19:24 2017
Response via : Initial Calibration



TIC: BM009170.D

(12) Phenanthrene

17.399min (+0.103) 0.03ng/ul

response 74

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	65.06#
179.00	17.00	69.88#
0.00	0.00	0.00

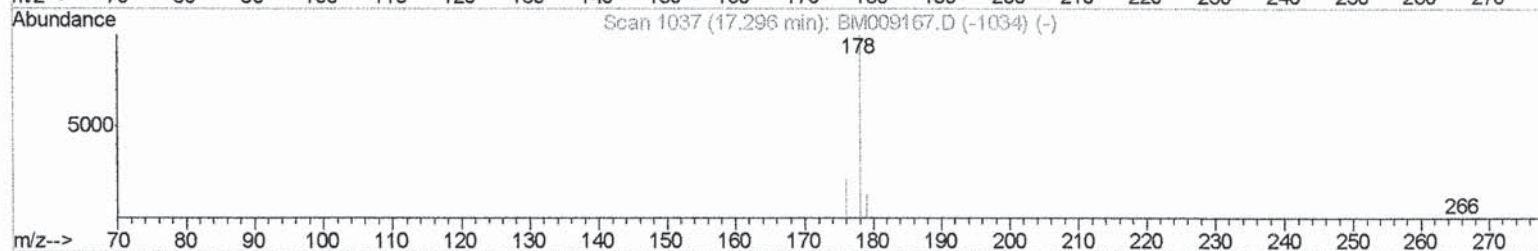
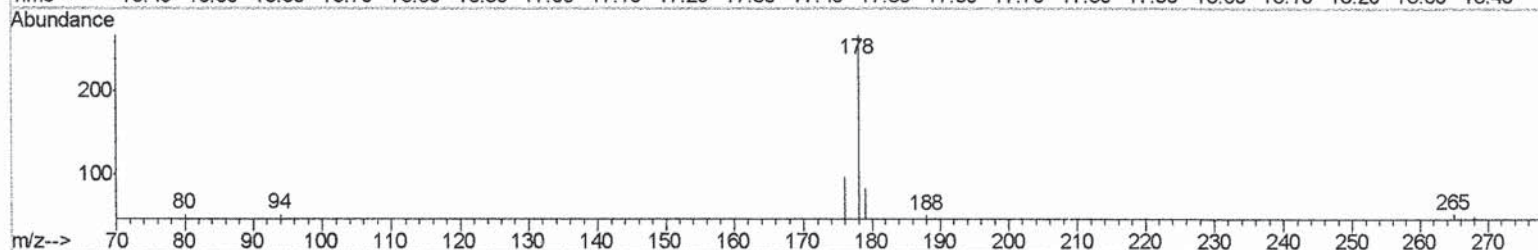
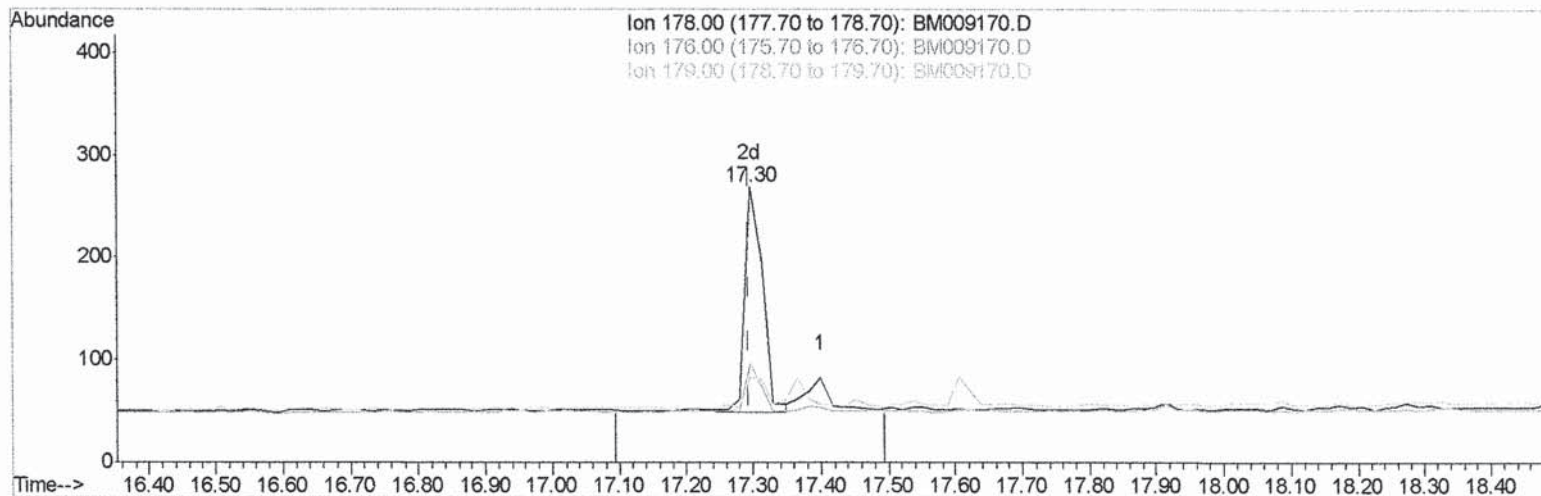
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations
APPROVED

mohammad
3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:30:55 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 15:19:24 2017
Response via : Initial Calibration



TIC: BM009170.D

(12) Phenanthrene

17.296min (-0.000) 0.15ng/ul m

response 411

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	36.06#
179.00	17.00	31.23#
0.00	0.00	0.00

SJ
03/13/17

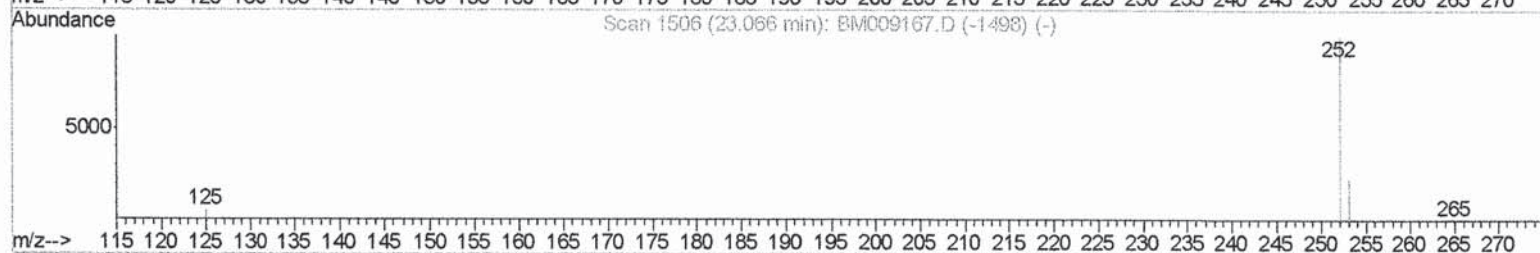
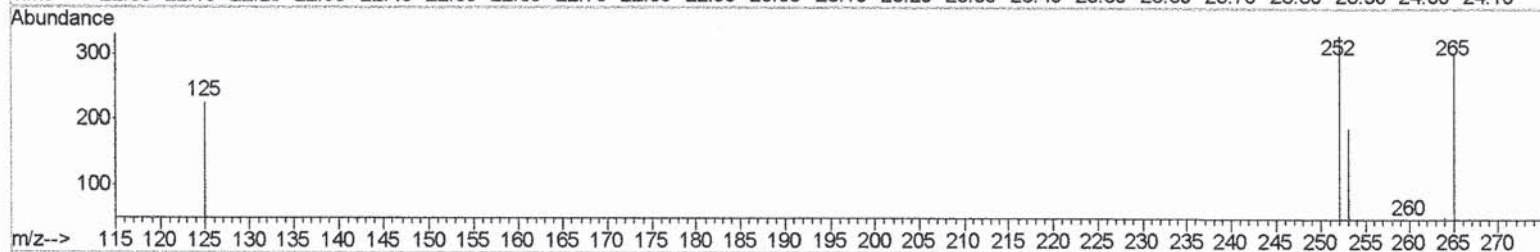
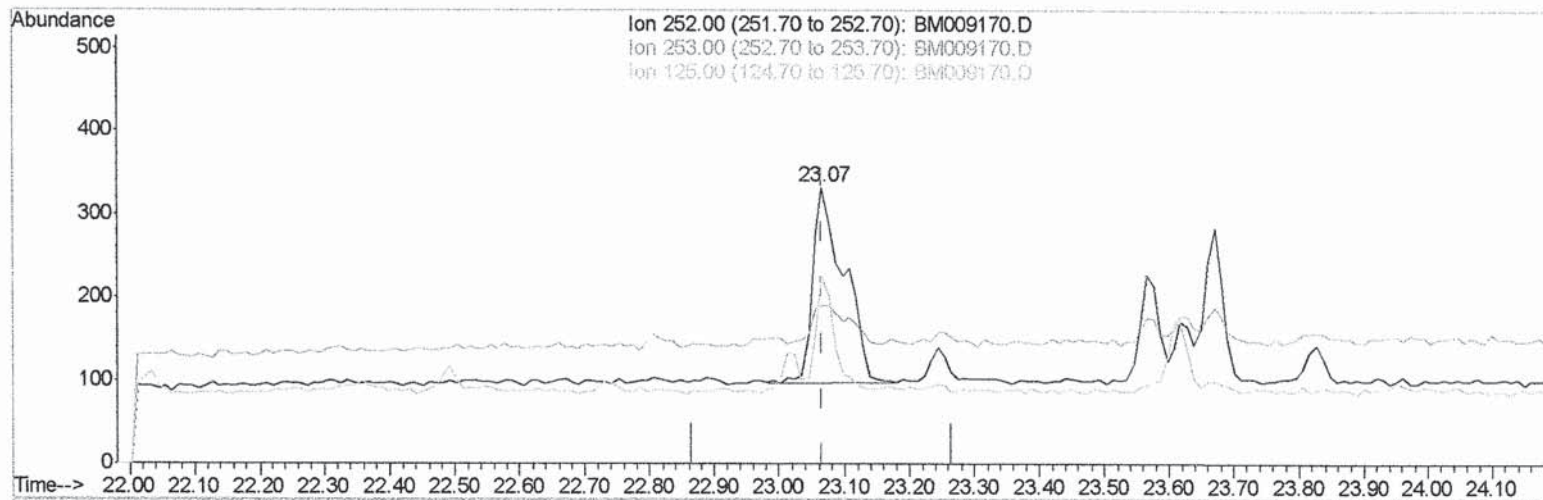
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations
APPROVED

mohammad
3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:30:55 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 15:19:24 2017
Response via : Initial Calibration



TIC: BM009170.D

(21) Benzo(b)fluoranthene

23.065min (-0.000) 0.22ng/ul

response 791

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	57.10
125.00	17.50	68.28#
0.00	0.00	0.00

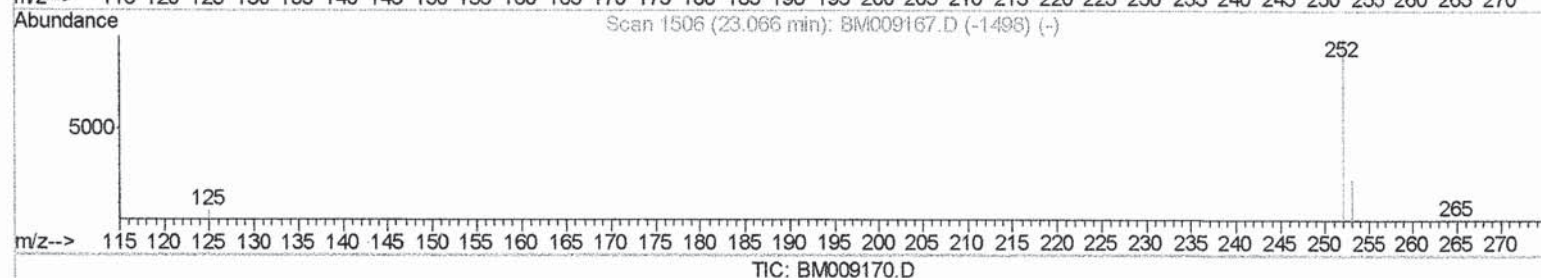
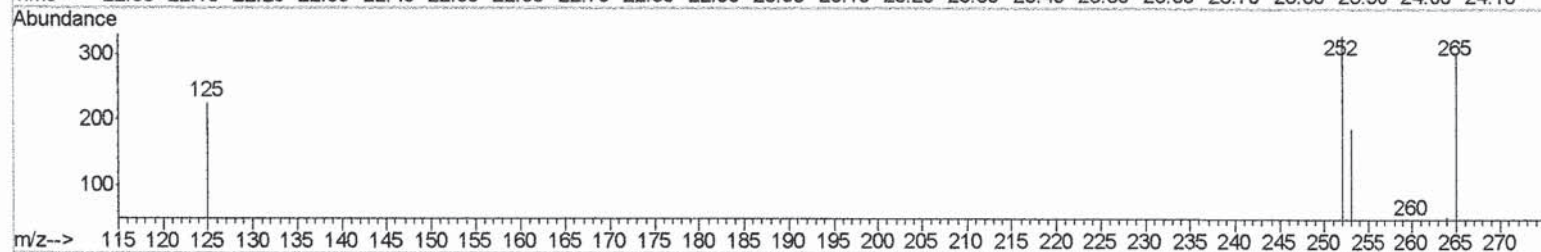
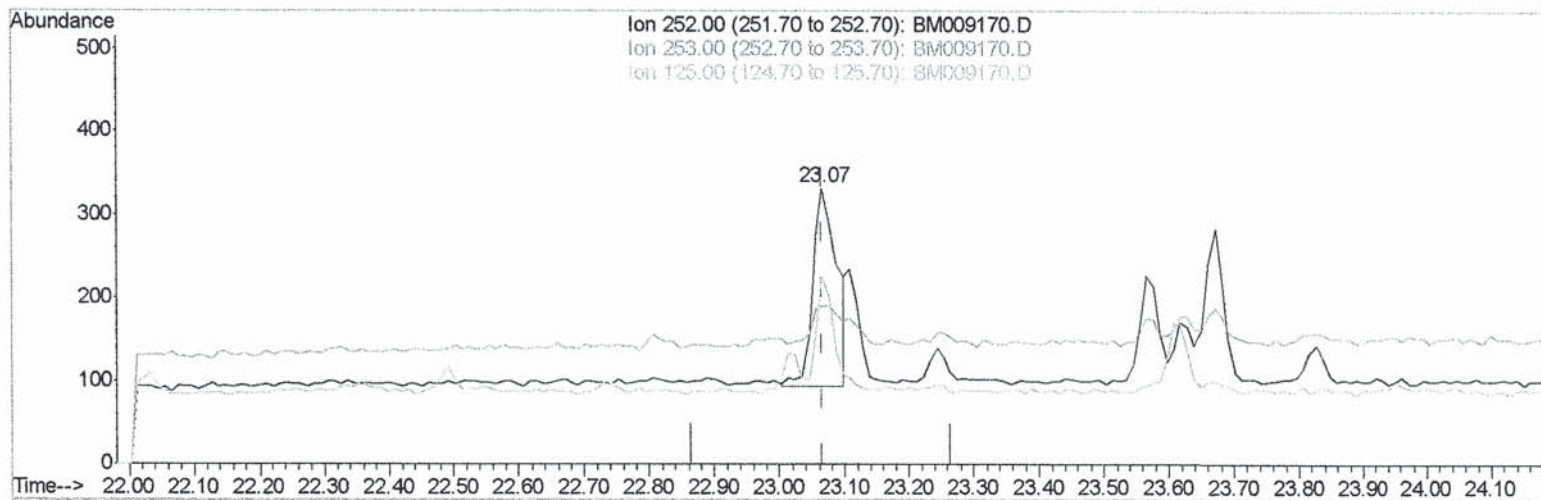
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations
APPROVED

mohammad
3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:30:55 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 15:19:24 2017
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.065min (-0.000) 0.17ng/ul m

response 614

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	57.10
125.00	17.50	68.28#
0.00	0.00	0.00

SJ
03/13/17

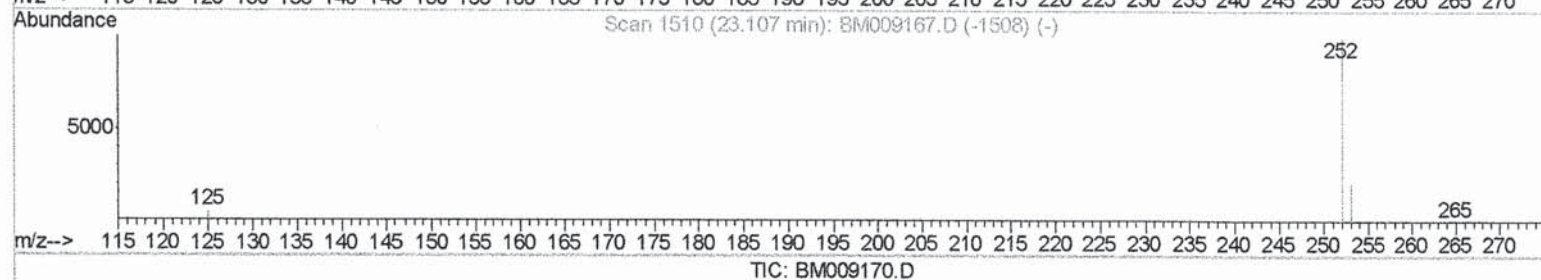
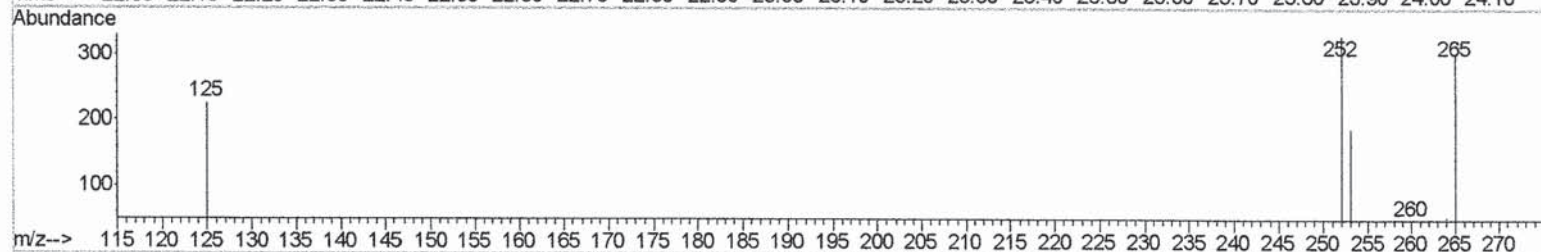
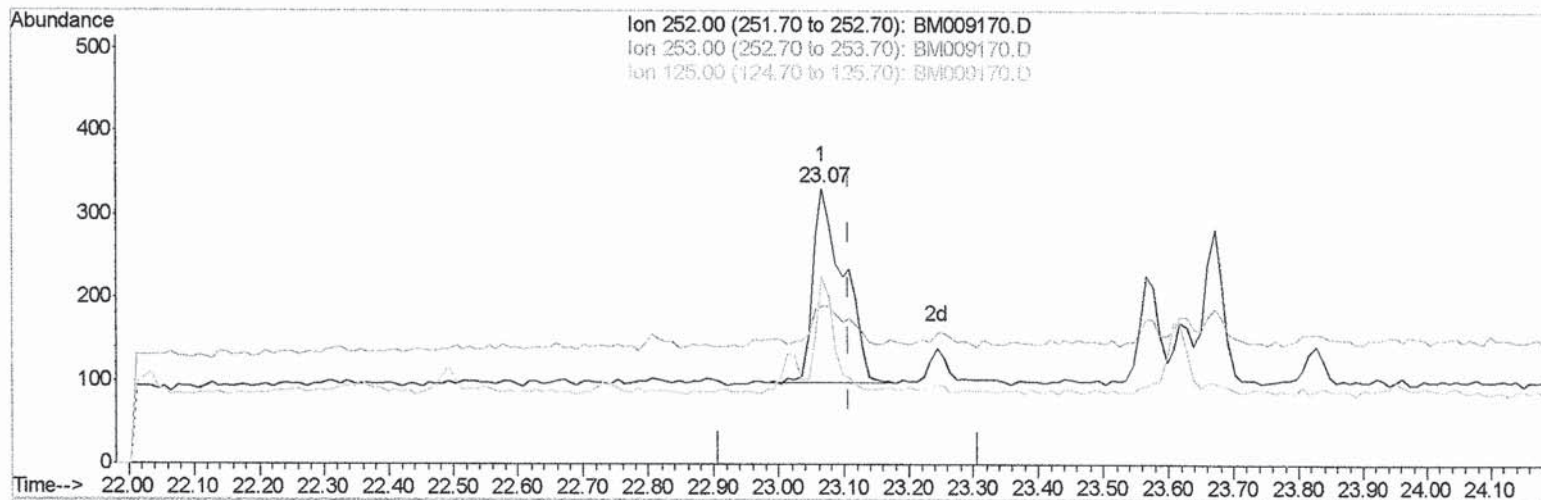
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations
APPROVED

mohammad
3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:30:55 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 15:19:24 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.065min (-0.042) 0.24ng/ul

response 779

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	57.10#
125.00	17.10	68.28#
0.00	0.00	0.00

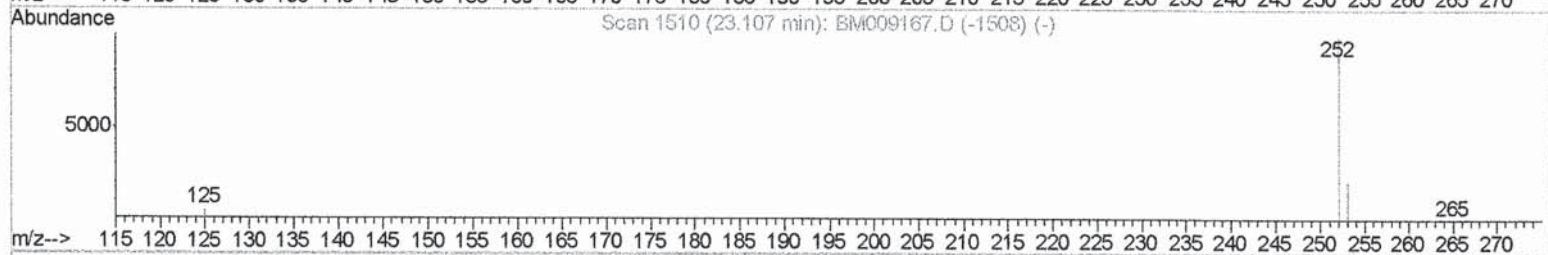
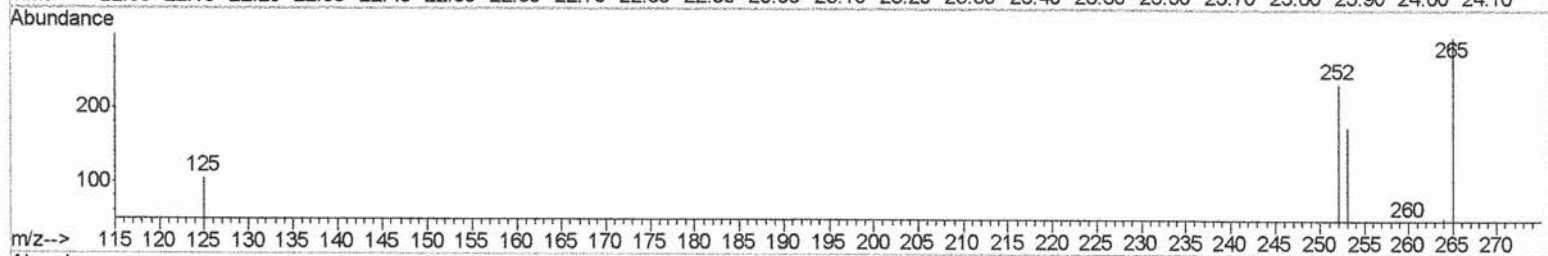
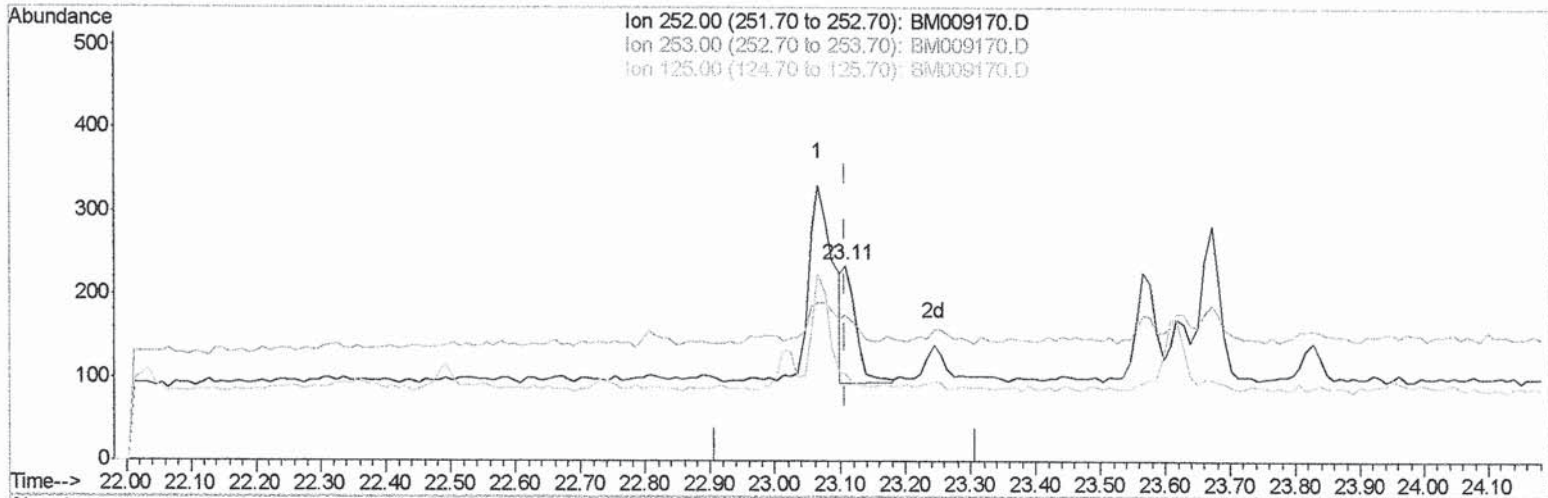
Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations
APPROVED

mohammad
3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:30:55 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 15:19:24 2017
Response via : Initial Calibration



TIC: BM009170.D

(22) Benzo(k)fluoranthene

23.107min (-0.000) 0.06ng/ul m

response 206

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	74.89#
125.00	17.10	44.68#
0.00	0.00	0.00

SJ
03/13/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031017\
 Data File : BM009170.D
 Acq On : 10 Mar 2017 11:35
 Operator : SJ/MA
 Sample : I2107-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL1

Manual Integrations
 APPROVED

mohammad
 3/13/2017 12:49:03 PM

Quant Time: Mar 10 15:32:43 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 15:19:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	238	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	713	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	410	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	896m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	933	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	922	0.40	ng/ul	0.00

SJ
 03/13/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	164	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	399	0.14	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.73	128	258	0.13	ng/ul#	56
5) 2-Methylnaphthalene	12.34	142	214	0.14	ng/ul	99
12) Phenanthrene	17.30	178	411m	0.15	ng/ul	
15) Fluoranthene	19.33	202	773	0.21	ng/ul	85
17) Pyrene	19.69	202	791	0.25	ng/ul#	87
18) Benzo(a)anthracene	21.42	228	369	0.12	ng/ul#	75
19) Chrysene	21.47	228	461	0.16	ng/ul#	76
21) Benzo(b)fluoranthene	23.07	252	614m	0.17	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	206m	0.06	ng/ul	
23) Benzo(a)pyrene	23.67	252	368	0.11	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	26.15	276	270	0.07	ng/ul	92
26) Benzo(g,h,i)perylene	26.89	276	233	0.07	ng/ul#	43

SJ
 03/13/17

SJ
 03/13/17

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