

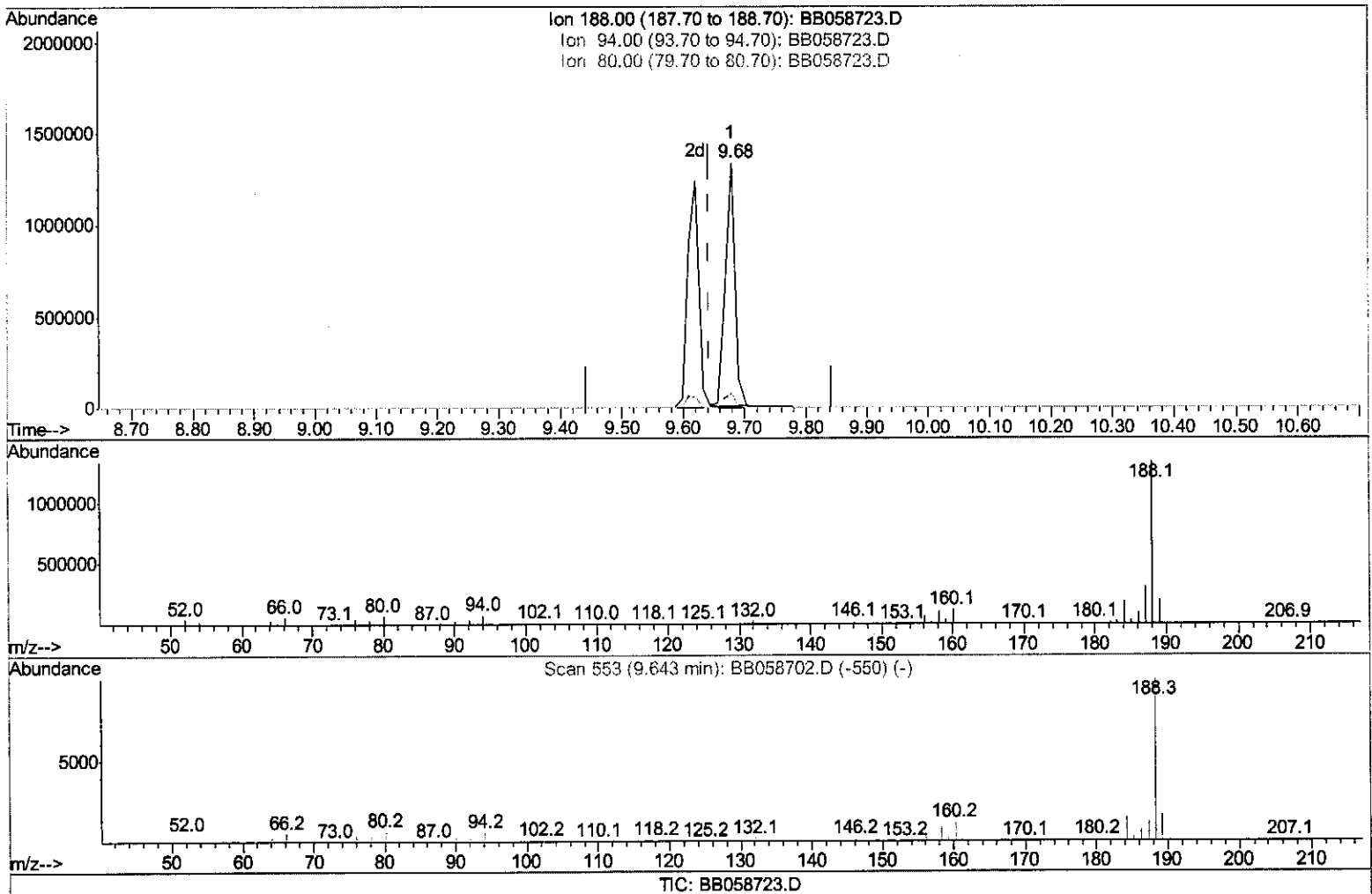
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058723.D
Acq On : 9 Mar 2017 21:02
Operator : UM/SJ
Sample : I2107-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
C0AL3

Manual Integrations
APPROVED

mohammad
3/15/2017 5:09:10 PM

Quant Time: Mar 15 15:50:43 2017
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 14:21:30 2017
Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

9.679min (+0.036) 20.00ng/ul

response 1443464

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	5.71
80.00	6.50	5.22
0.00	0.00	0.00

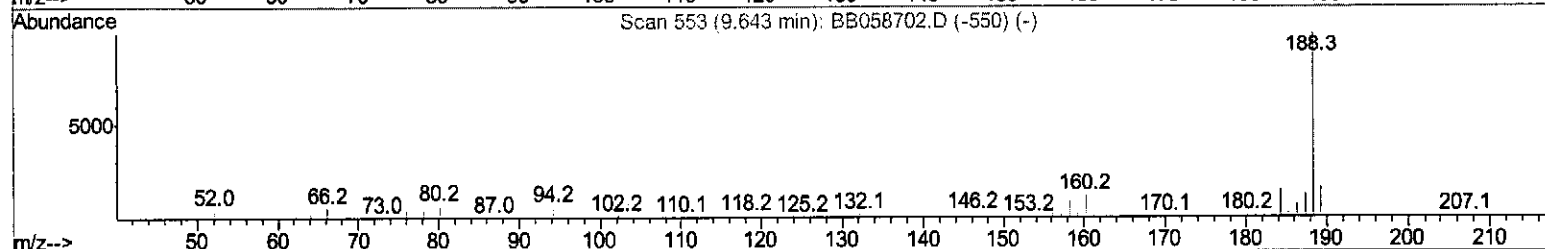
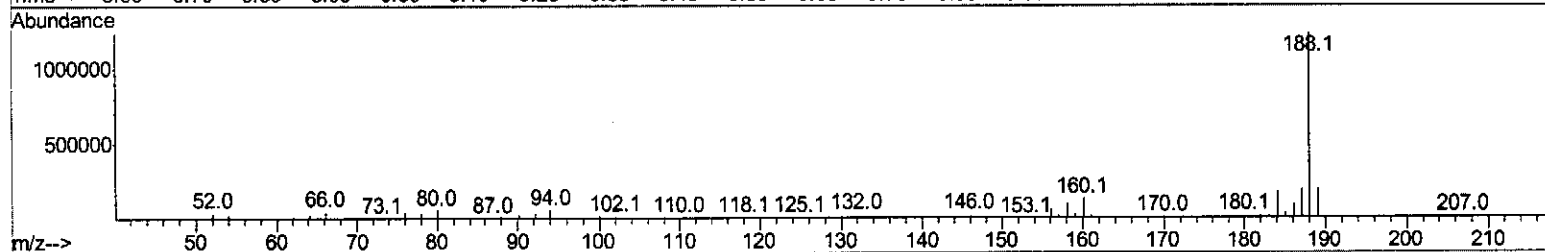
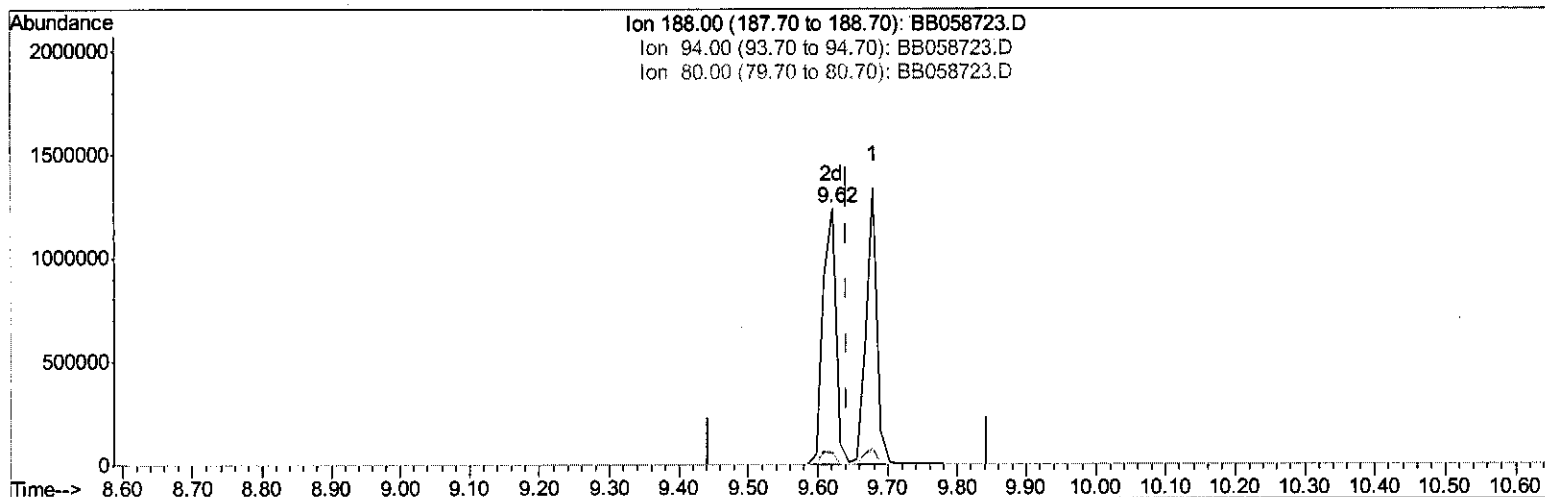
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(12) Phenanthrene-d10 (I)

9.621min (-0.022) 20.00ng/ul m SJ 3/15/17

response 1600936

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	4.66
80.00	6.50	4.77#
0.00	0.00	0.00

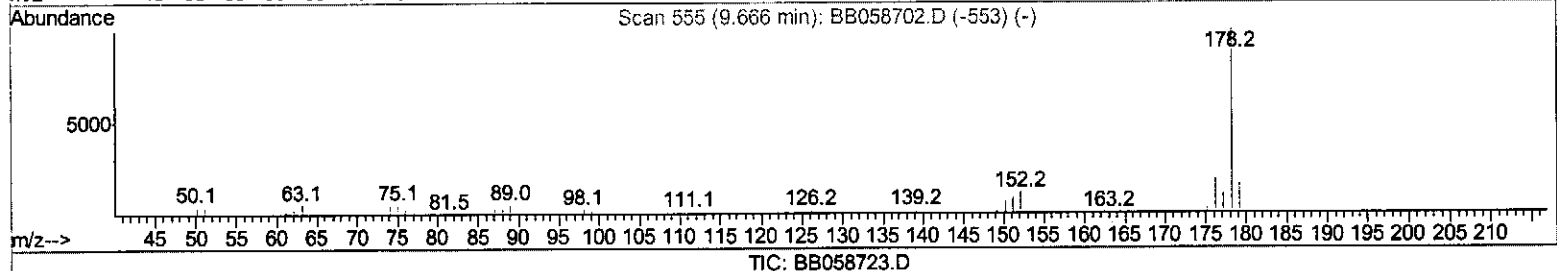
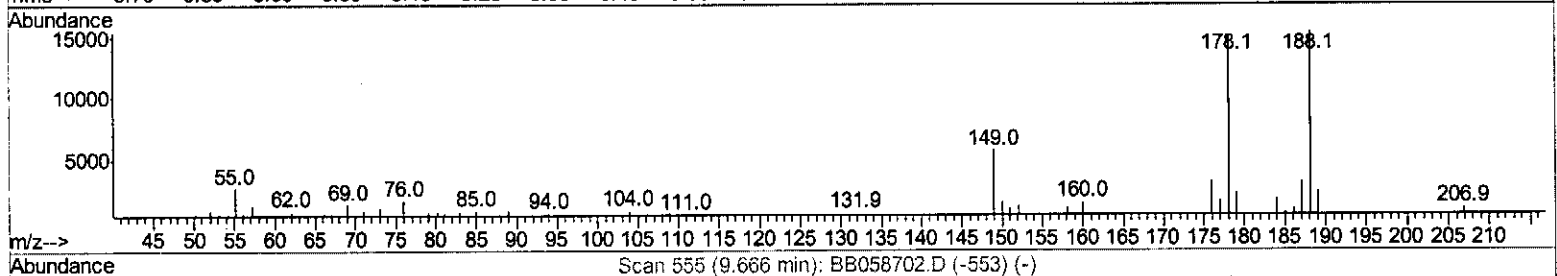
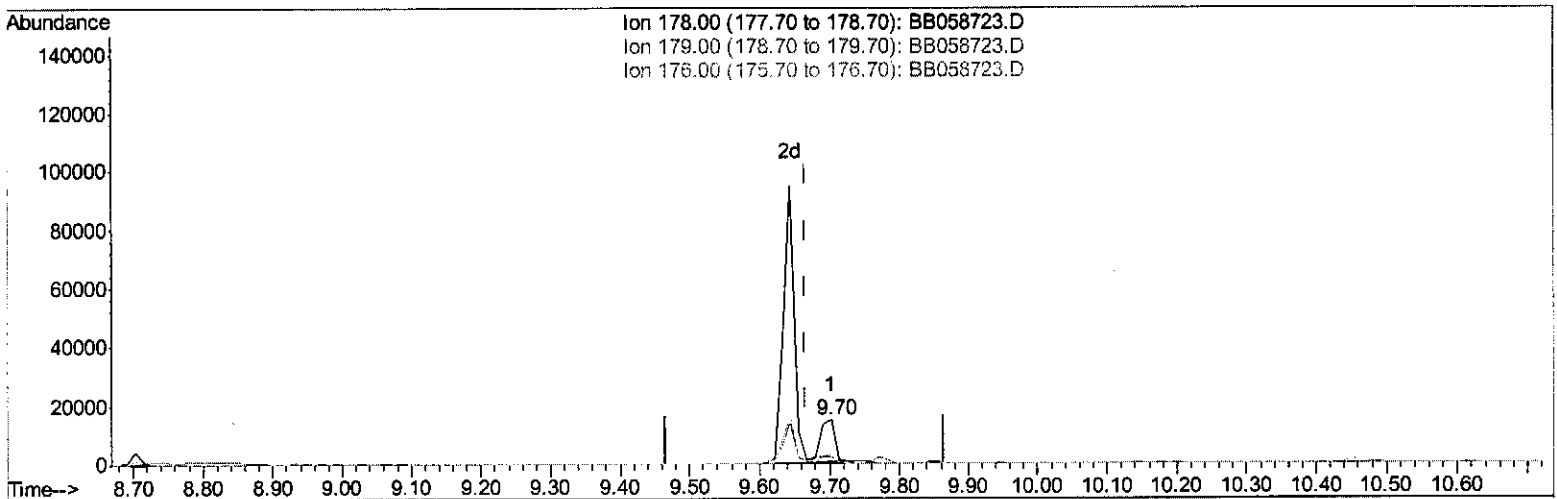
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Data File : BB058723.D
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Operator : UM/SJ
Sample : I2107-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
C0AL3

Manual Integrations
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Quant Time: Mar 15 15:51:35 2017
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 14:21:30 2017
Response via : Initial Calibration



(14) Phenanthrene

9.702min (+0.036) 0.26ng/ul

response 20672

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	14.90
176.00	19.30	21.01
0.00	0.00	0.00

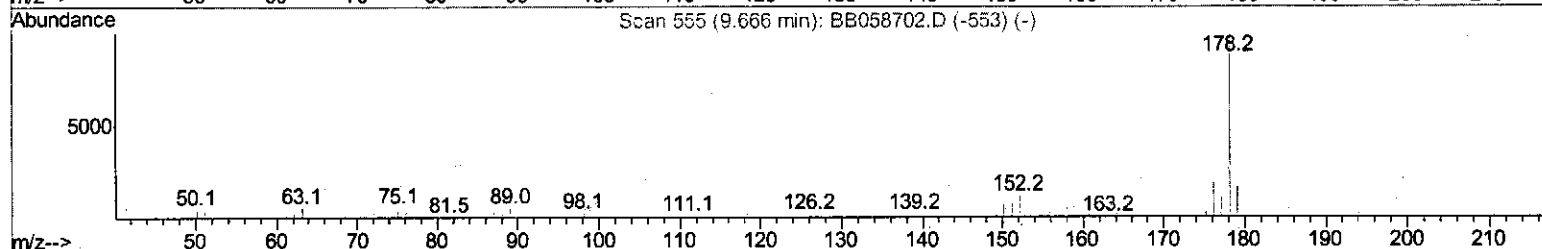
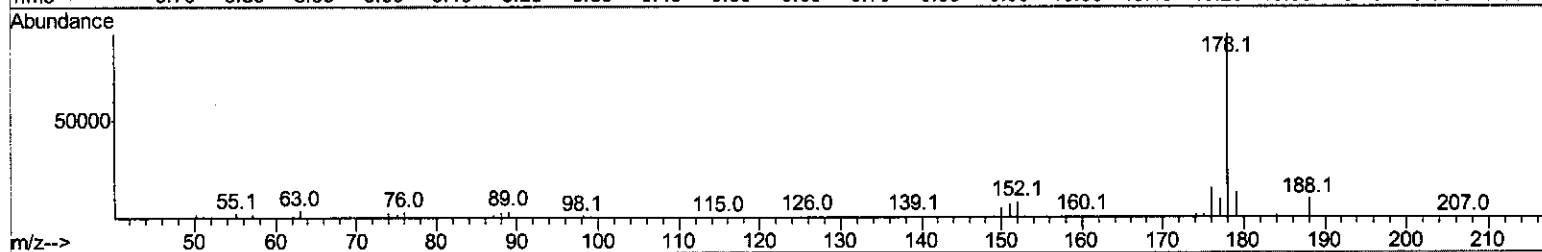
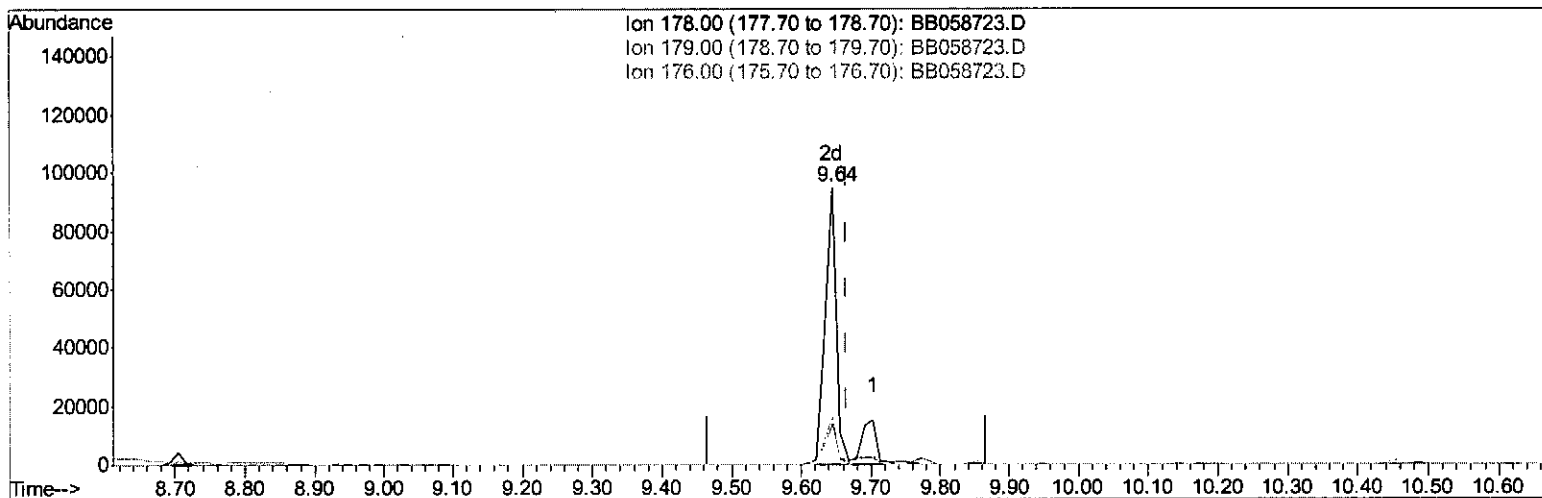
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Data File : BB058723.D
Acq On : 9 Mar 2017 21:02
Operator : UM/SJ
Sample : I2107-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
C0AL3

Manual Integrations
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Quant Time: Mar 15 15:51:35 2017
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
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QLast Update : Wed Mar 15 14:21:30 2017
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TIC: BB058723.D

(14) Phenanthrene

9.644min (-0.022) 1.31ng/ul m

SJ 3/15/17

response 104159

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	14.46
176.00	19.30	17.10
0.00	0.00	0.00

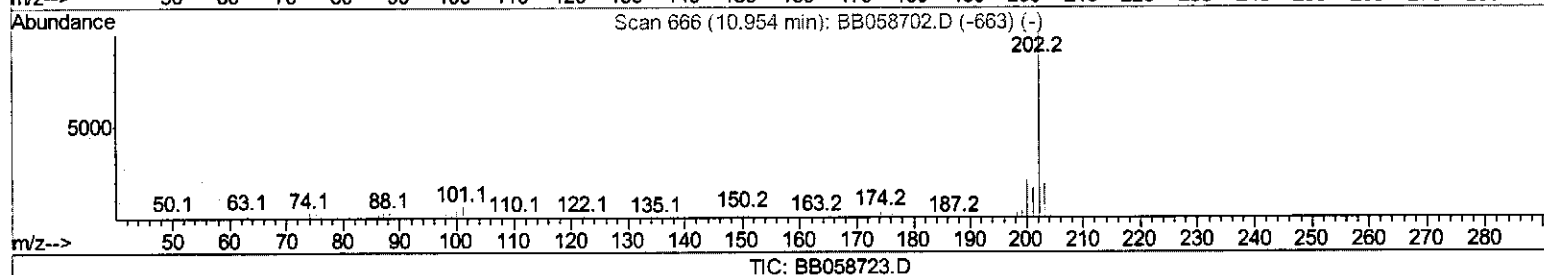
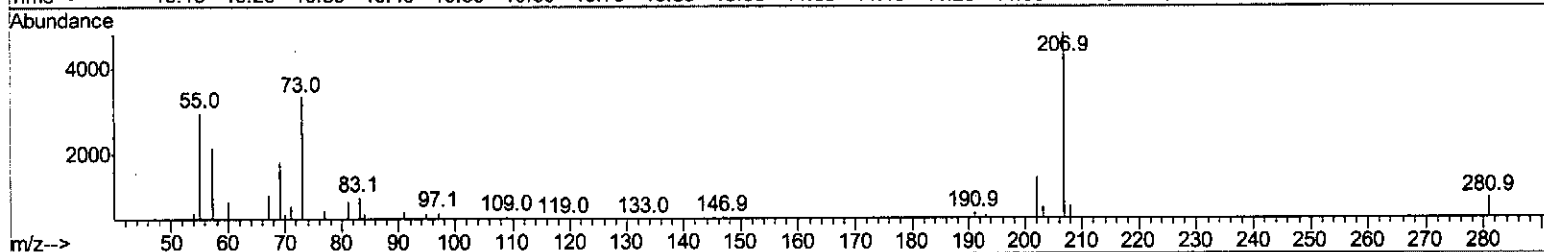
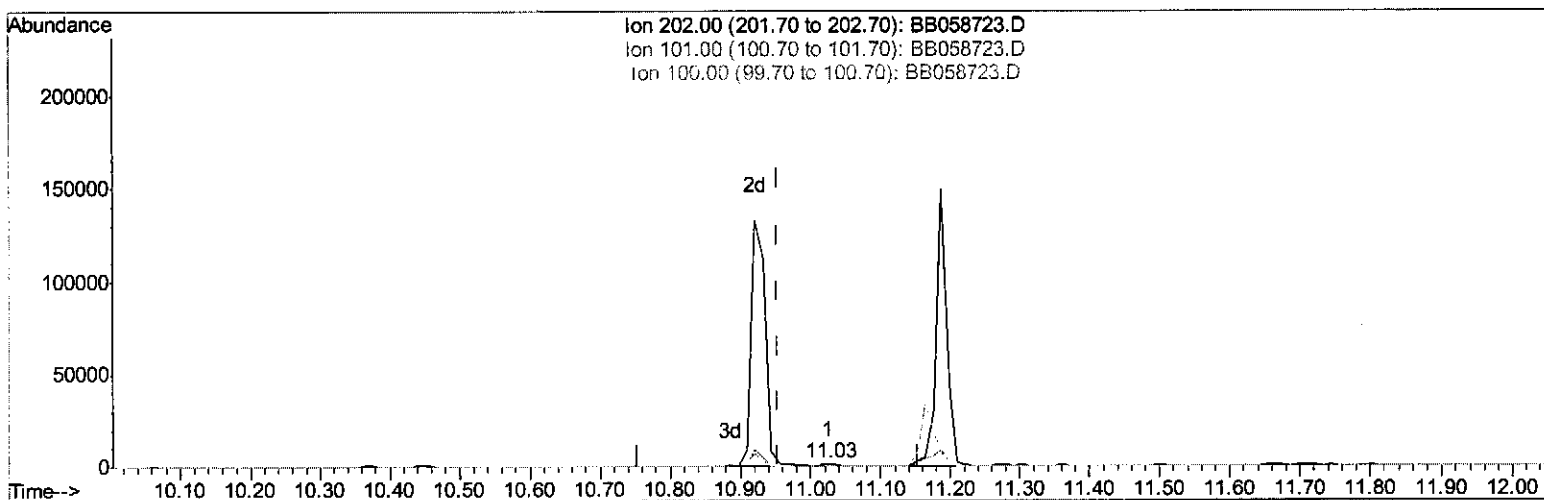
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058723.D
Acq On : 9 Mar 2017 21:02
Operator : UM/SJ
Sample : I2107-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
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Manual Integrations
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Quant Time: Mar 15 15:51:35 2017
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 14:21:30 2017
Response via : Initial Calibration



TIC: BB058723.D

(17) Fluoranthene (C)

11.025min (+0.071) 0.03ng/ul

response 2152

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	0.00#
100.00	9.40	0.00#
0.00	0.00	0.00

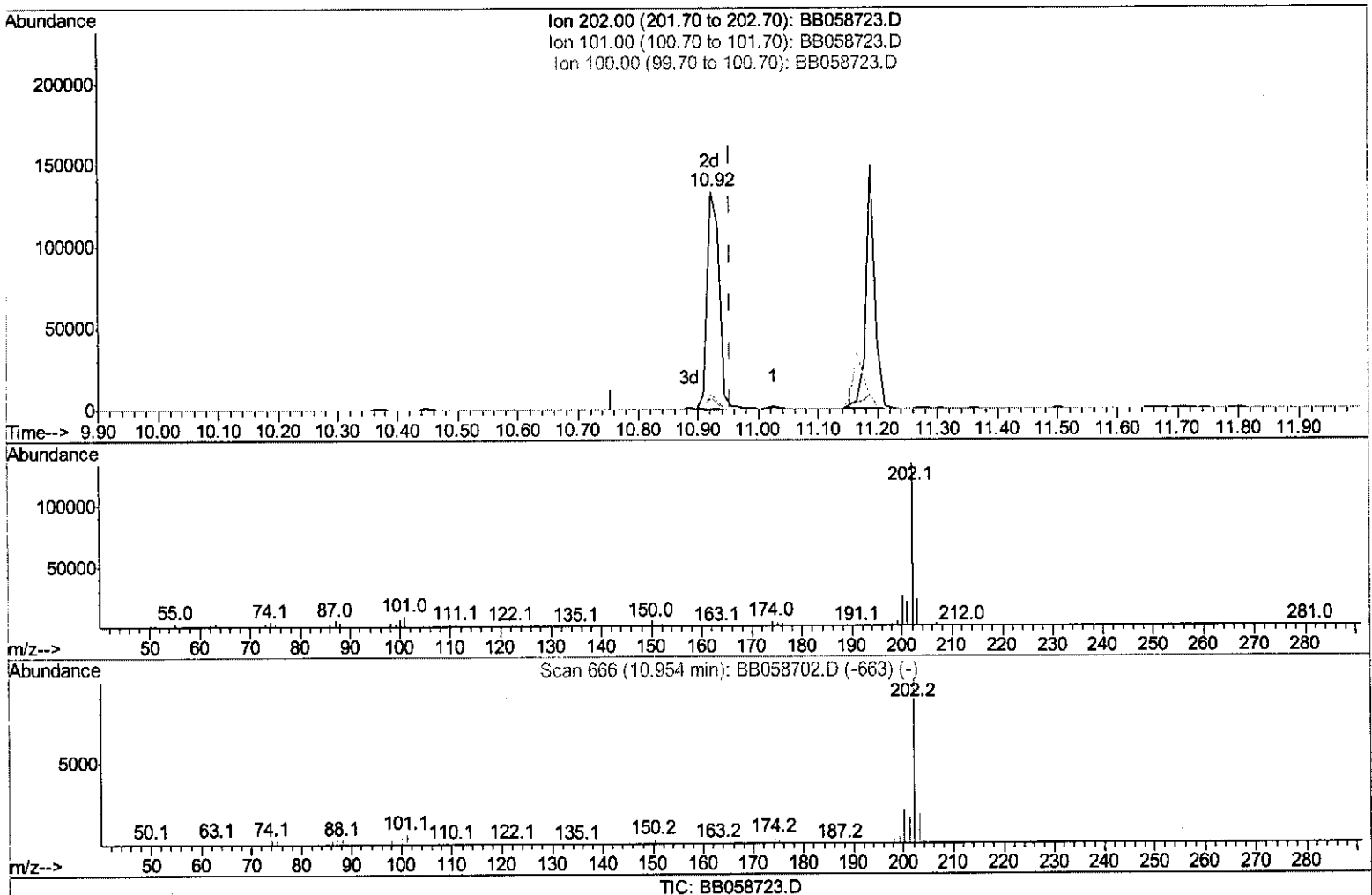
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058723.D
Acq On : 9 Mar 2017 21:02
Operator : UM/SJ
Sample : I2107-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
C0AL3

Manual Integrations
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Quant Time: Mar 15 15:51:35 2017
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 14:21:30 2017
Response via : Initial Calibration



(17) Fluoranthene (C)

10.921min (-0.033) 2.51ng/ul m

52 3/15/17

response 186104

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	6.77#
100.00	9.40	5.37#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_B\Data\BB030917\
 Data File : BB058723.D
 Acq On : 9 Mar 2017 21:02
 Operator : UM/SJ
 Sample : I2107-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AL3

Quant Time: Mar 16 04:57:23 2017
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM-EPA-BB030917-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 14:21:30 2017
 Response via : Initial Calibration

Manual Integrations
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 3/15/2017 5:09:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	303745	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1077003	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.01	164	751851	20.00	ng/ul	-0.03
12) Phenanthrene-d10	9.62	188	1600936m	20.00	ng/ul	-0.02
18) Chrysene-d12	12.73	240	1484092	20.00	ng/ul	-0.04
23) Perylene-d12	15.63	264	1095467	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	5.95	165	345735	16.85	ng/uL	-0.03
7) Acenaphthylene-d8	7.85	160	1325934	22.63	ng/ul	-0.03
10) Fluorene-d10	8.56	176	981873	20.63	ng/ul	-0.02
15) Anthracene-d10	9.68	188	1443464	20.27	ng/ul	-0.02
19) Pyrene-d10	11.16	212	1546448	22.91	ng/ul	-0.03
26) Benzo(a)pyrene-d12	15.43	264	1015818	20.73	ng/ul	-0.06
Target Compounds						
14) Phenanthrene	9.64	178	104159m	1.31	ng/ul	Qvalue 90
17) Fluoranthene	10.92	202	186104m	2.51	ng/ul	
20) Pyrene	11.19	202	160183	1.94	ng/ul#	

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

Data Path : Z:\HPCHEM1\BNA_B\Data\BB030917\
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Operator : UM/SJ
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Misc :
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Quant Time: Mar 16 04:57:23 2017
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Manual Integrations
APPROVED

mohammad
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