

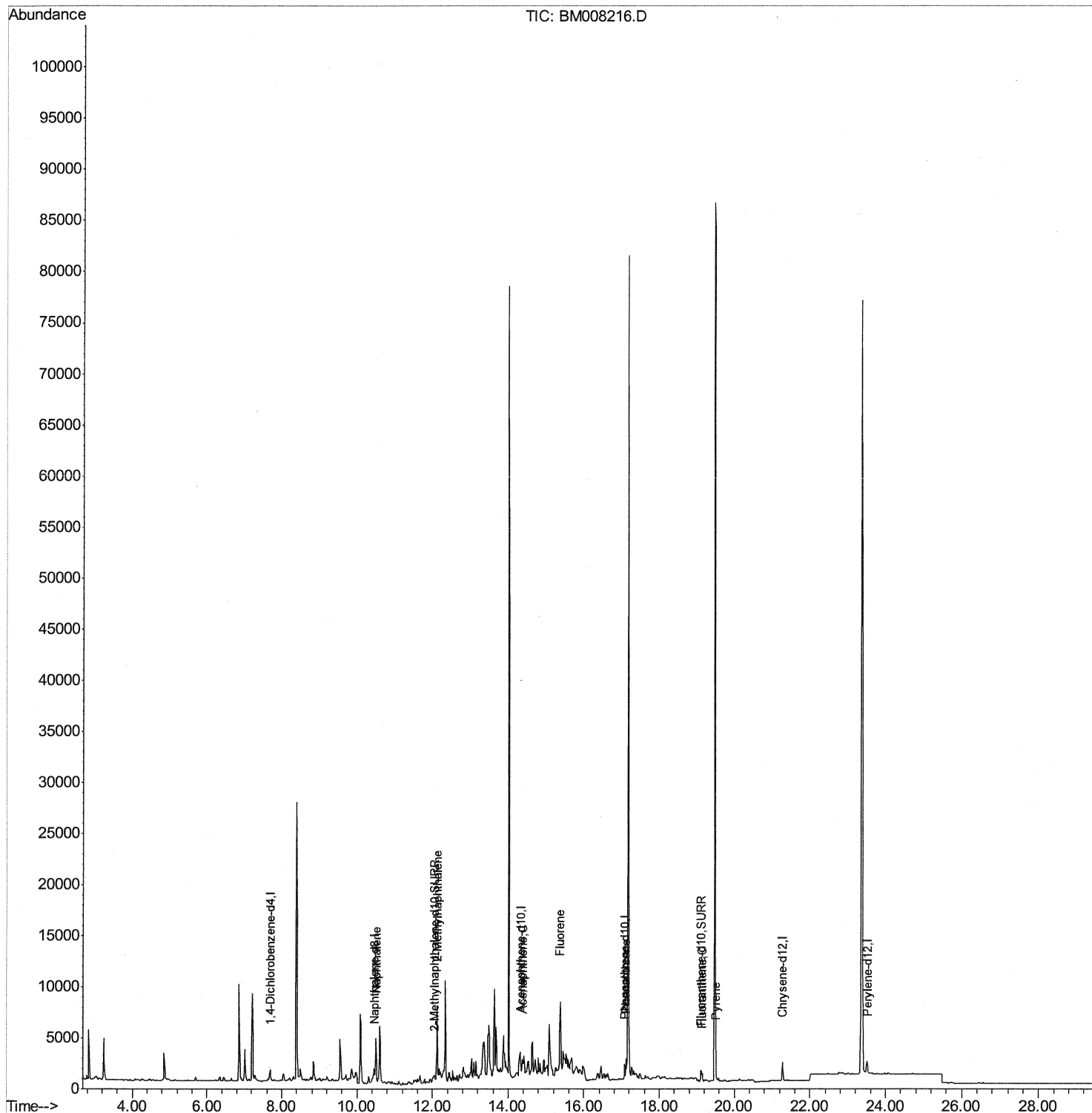
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008216.D
Acq On : 09 Dec 2016 21:40
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z0

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:29 PM

Quant Time: Dec 10 04:54:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 04:37:00 2016
Response via : Initial Calibration



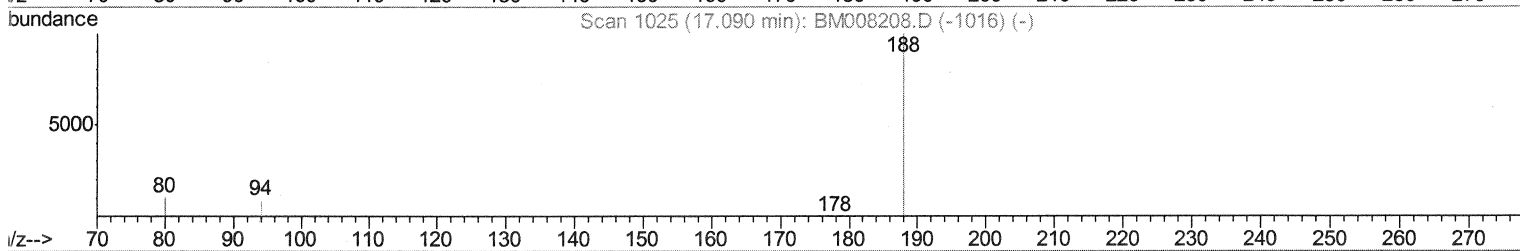
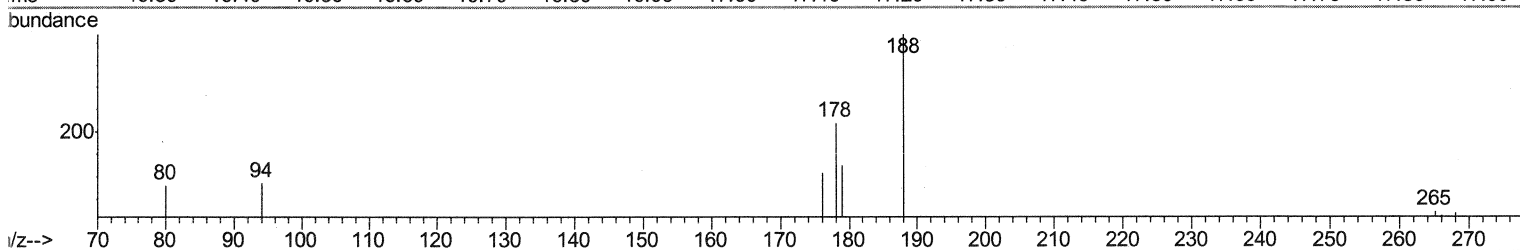
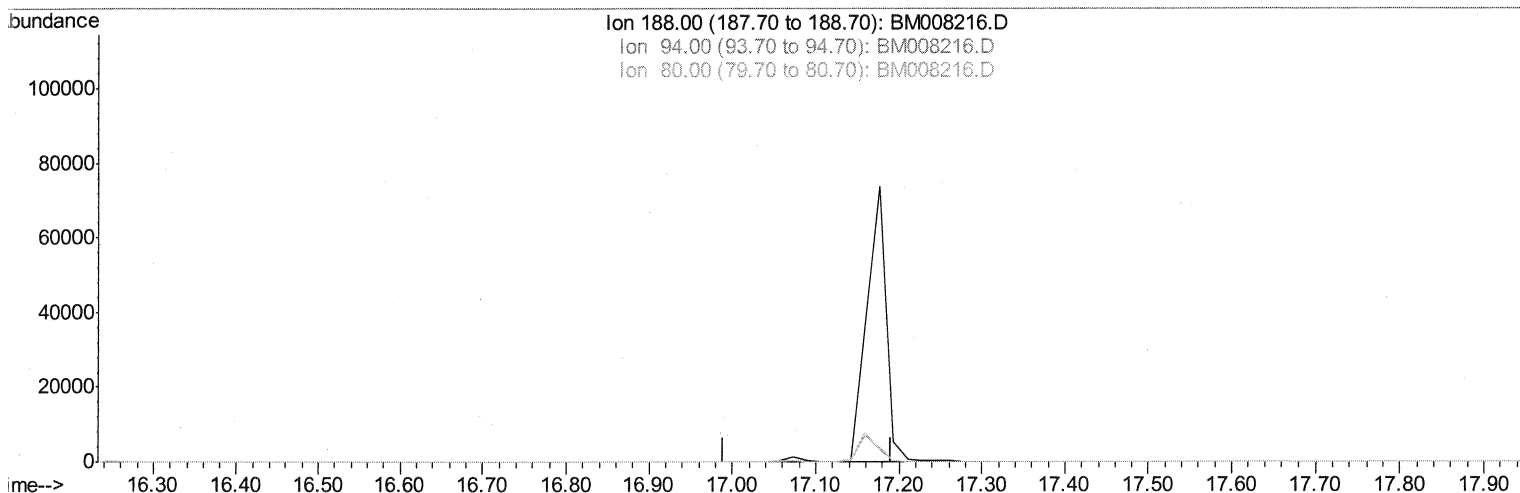
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Manual Integrations
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Quant Time: Dec 10 04:40:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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Response via : Initial Calibration



TIC: BM008216.D

(10) Phenanthrene-d10 (I)

17.090min (-17.090) 0.00ng/ul

response 0

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

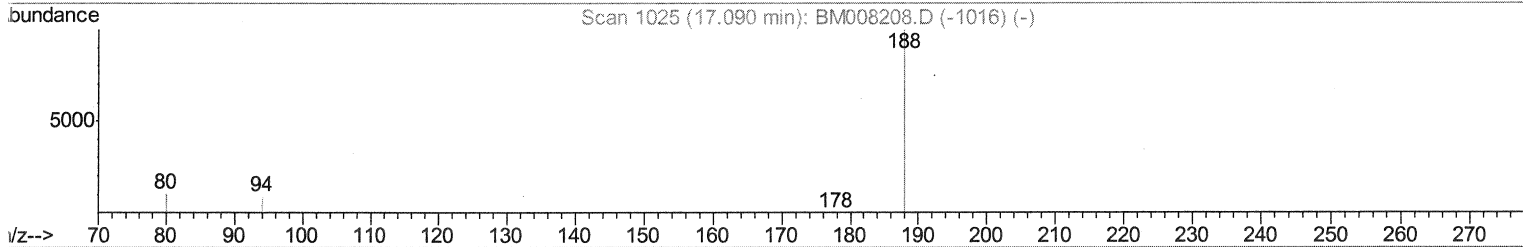
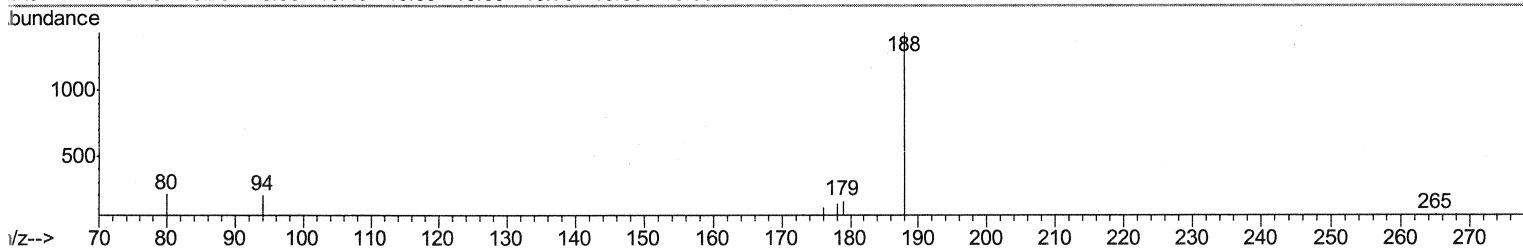
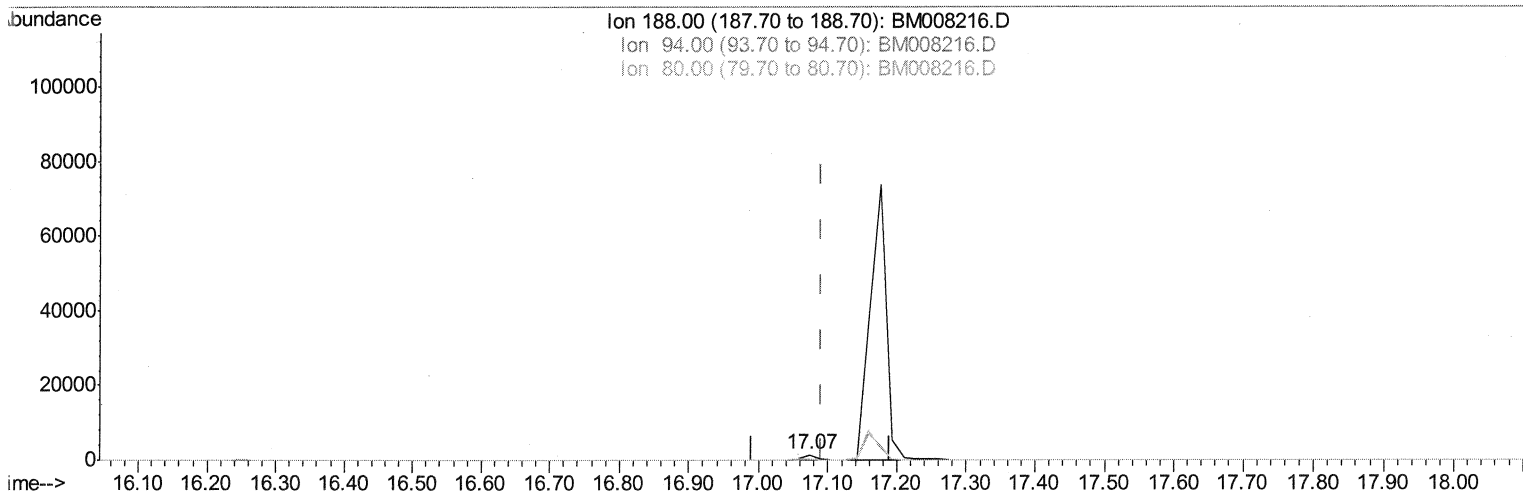
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Acq On : 09 Dec 2016 21:40
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Sample : H5863-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA7Z0

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:29 PM

Quant Time: Dec 10 04:40:53 2016
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TIC: BM008216.D

(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m

51 12/12/16

response 2302

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.63#
80.00	11.80	14.33#
0.00	0.00	0.00

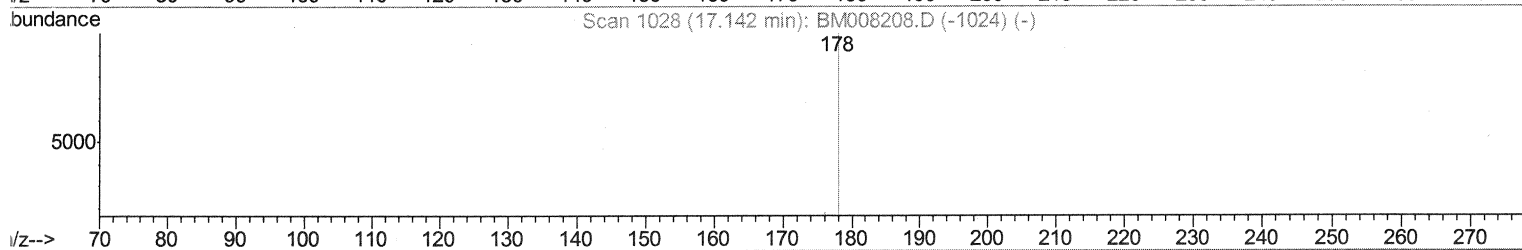
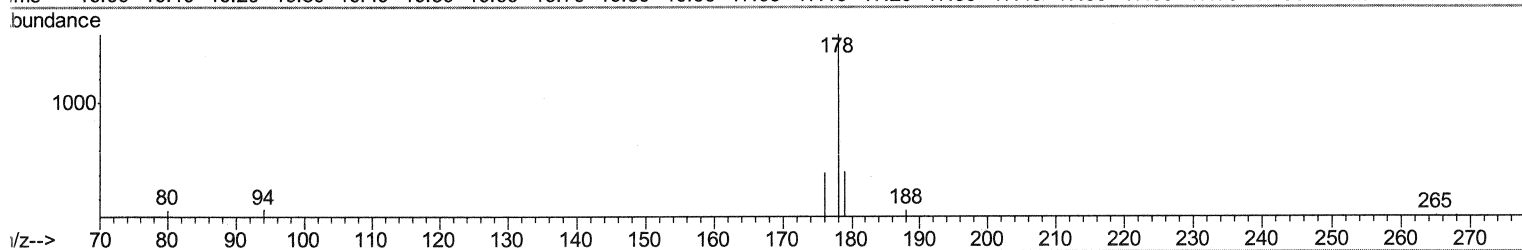
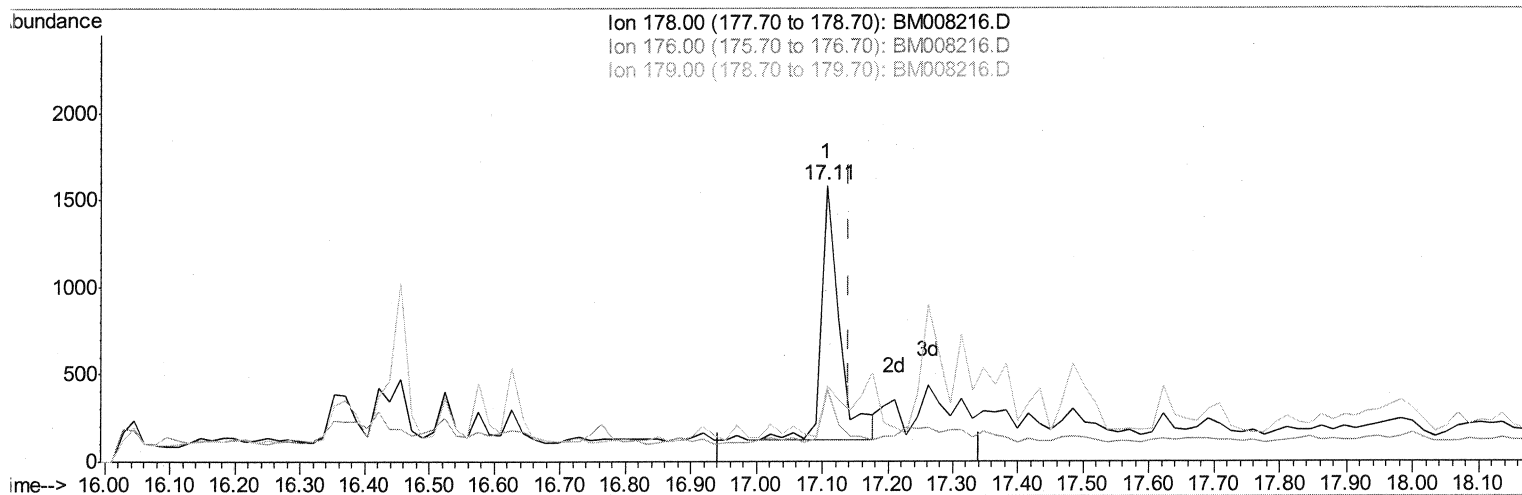
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Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z0

Manual Integrations
APPROVED

UMANGI
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Quant Time: Dec 10 04:52:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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TIC: BM008216.D

(12) Phenanthrene

17.108min (-0.034) 0.40ng/ul

response 2846

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	26.04
179.00	17.00	27.24#
0.00	0.00	0.00

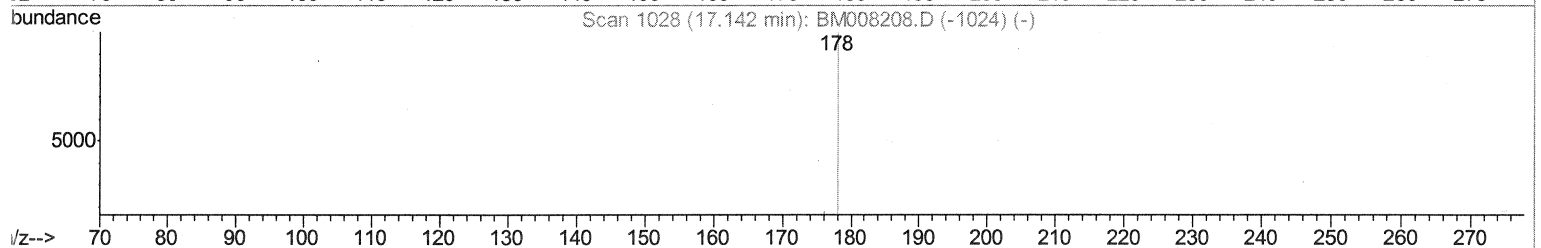
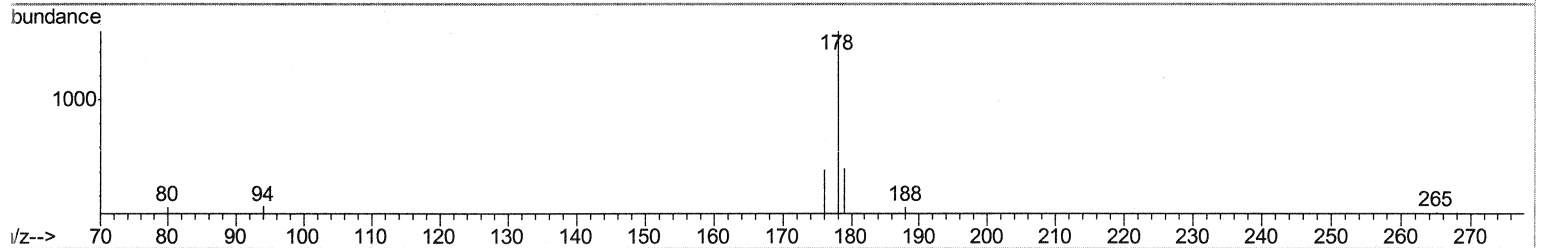
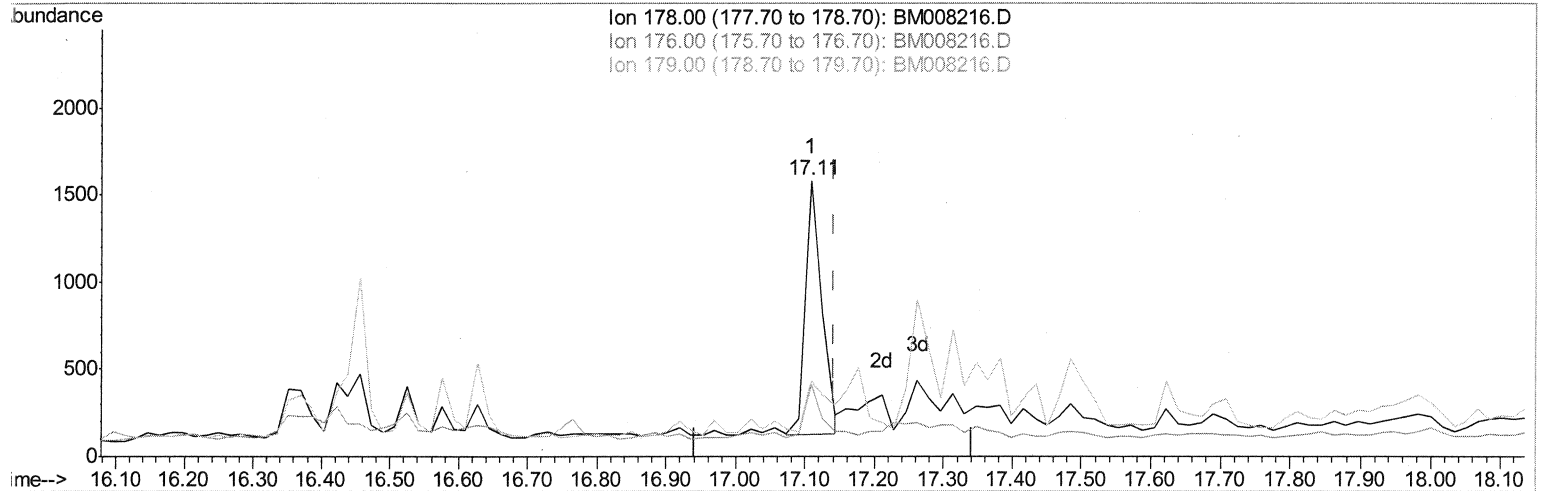
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 Data File : BM008216.D
 Acq On : 09 Dec 2016 21:40
 Operator : UM/SJ
 Sample : H5863-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z0

Manual Integrations
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UMANGI
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Quant Time: Dec 10 04:52:09 2016
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TIC: BM008216.D

(12) Phenanthrene

17.108min (-0.034) 0.34ng/ul m

SJ 12/12/16

response 2419

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	26.04
179.00	17.00	27.24#
0.00	0.00	0.00

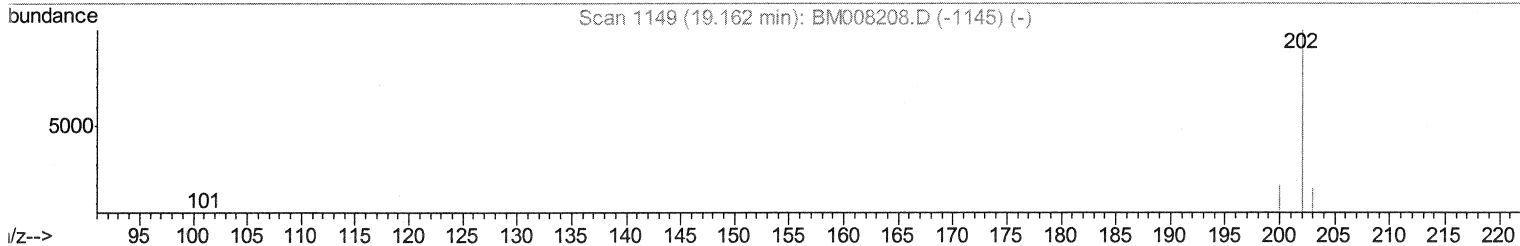
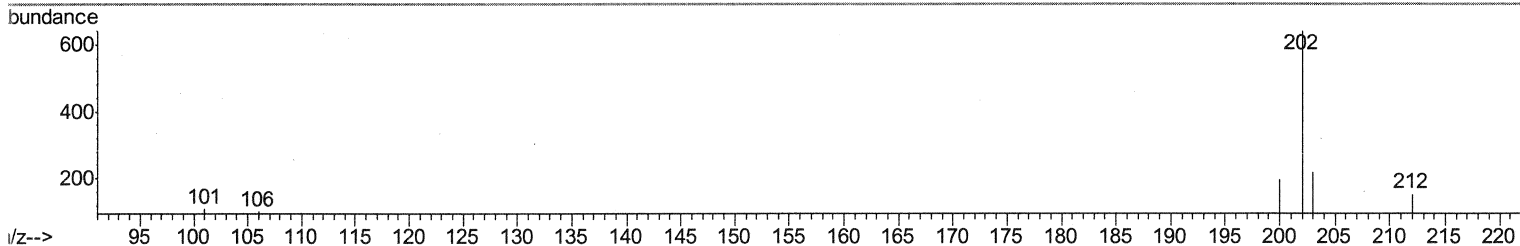
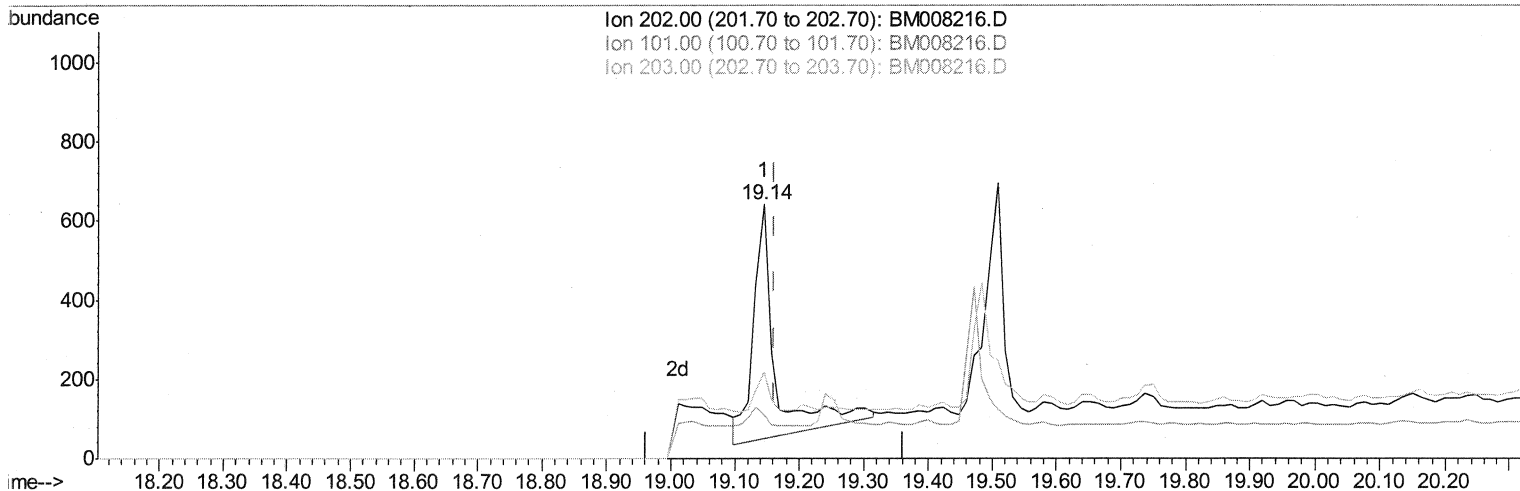
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
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 Acq On : 09 Dec 2016 21:40
 Operator : UM/SJ
 Sample : H5863-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z0

Manual Integrations
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UMANGI
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Quant Time: Dec 10 04:53:30 2016
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TIC: BM008216.D

(15) Fluoranthene (C)

19.145min (-0.017) 0.15ng/ul

response 1393

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	17.16
203.00	19.50	34.01
0.00	0.00	0.00

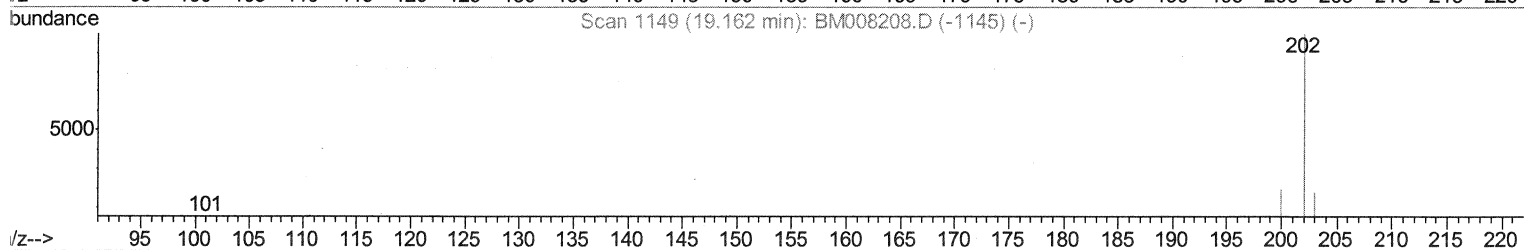
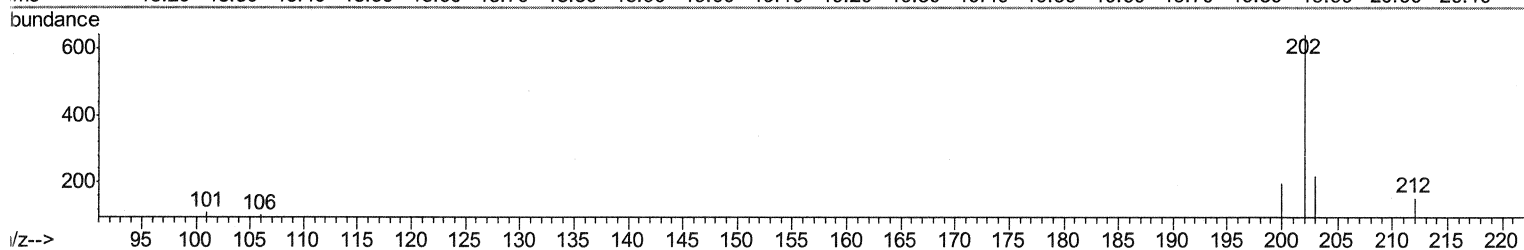
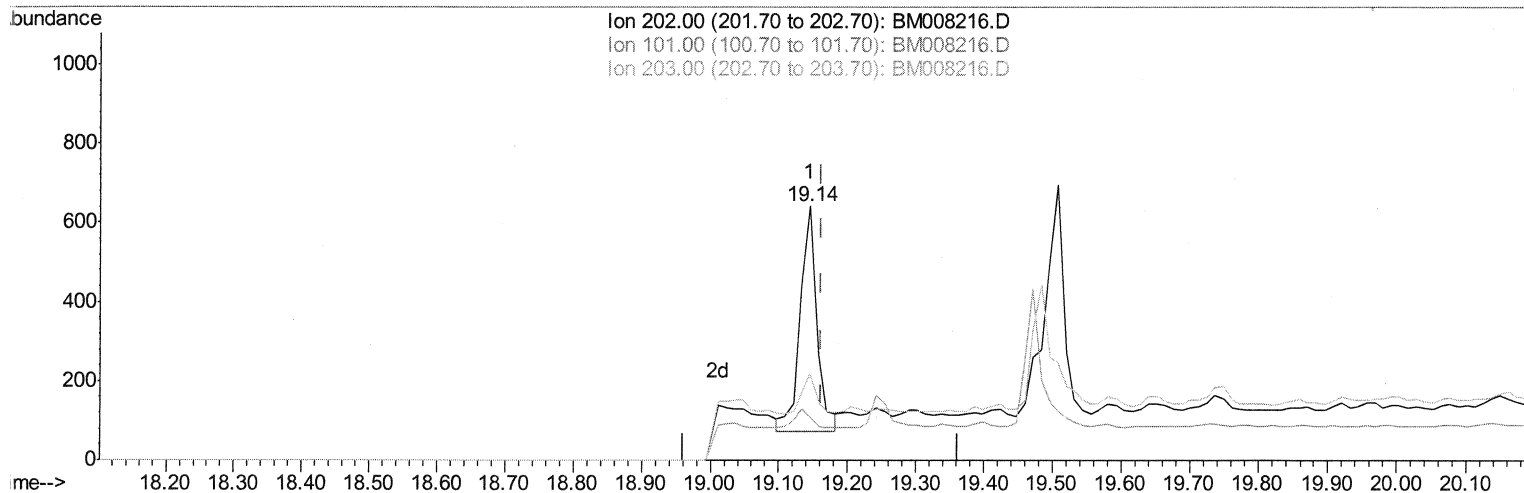
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Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z0

Manual Integrations
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UMANGI
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TIC: BM008216.D

(15) Fluoranthene (C)

19.145min (-0.017) 0.10ng/ul m 51 12/12/16

response 964

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	17.16
203.00	19.50	34.01
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
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Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	635	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2008	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2302m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1704	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1699	0.40	ng/ul	-0.01

SJ 12/12/16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	800	0.28	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	2333	0.36	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.51	128	6601	1.18	ng/ul	97
5) 2-Methylnaphthalene	12.12	142	5651	1.56	ng/ul	98
8) Acenaphthene	14.38	153	1637	0.37	ng/ul	92
9) Fluorene	15.38	166	5027	0.98	ng/ul#	83
12) Phenanthrene	17.11	178	2419m	0.34	ng/ul	
15) Fluoranthene	19.14	202	964m	0.10	ng/ul	
17) Pyrene	19.51	202	1128	0.19	ng/ul#	73

} SJ 12/12/16

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