

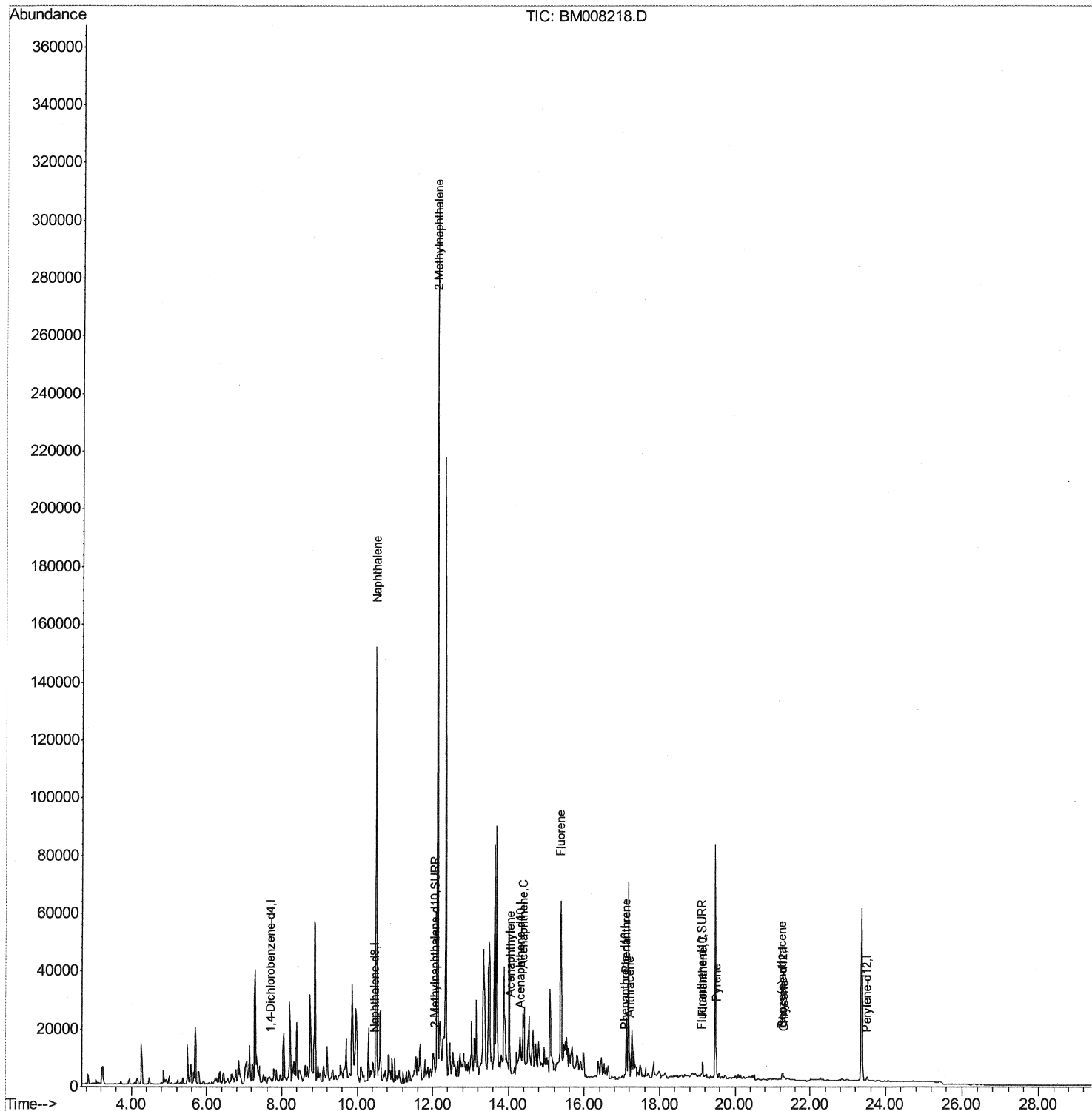
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
Data File : BM008218.D
Acq On : 09 Dec 2016 22:52
Operator : UM/SJ
Sample : H5863-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z8

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:33 PM

Quant Time: Dec 12 10:03:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration



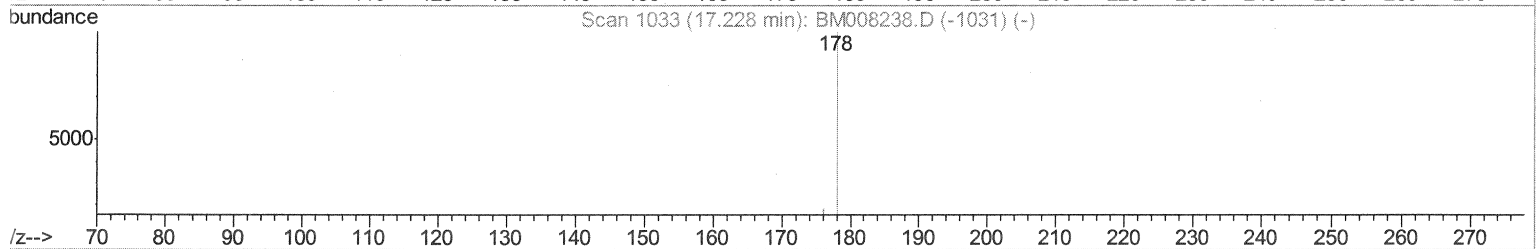
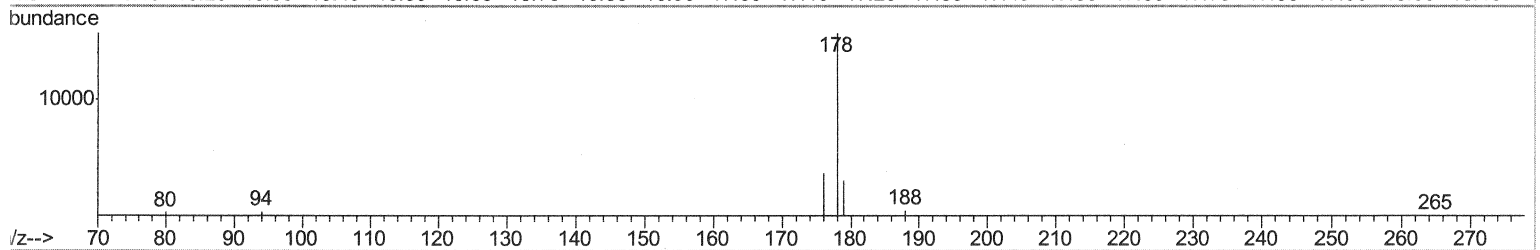
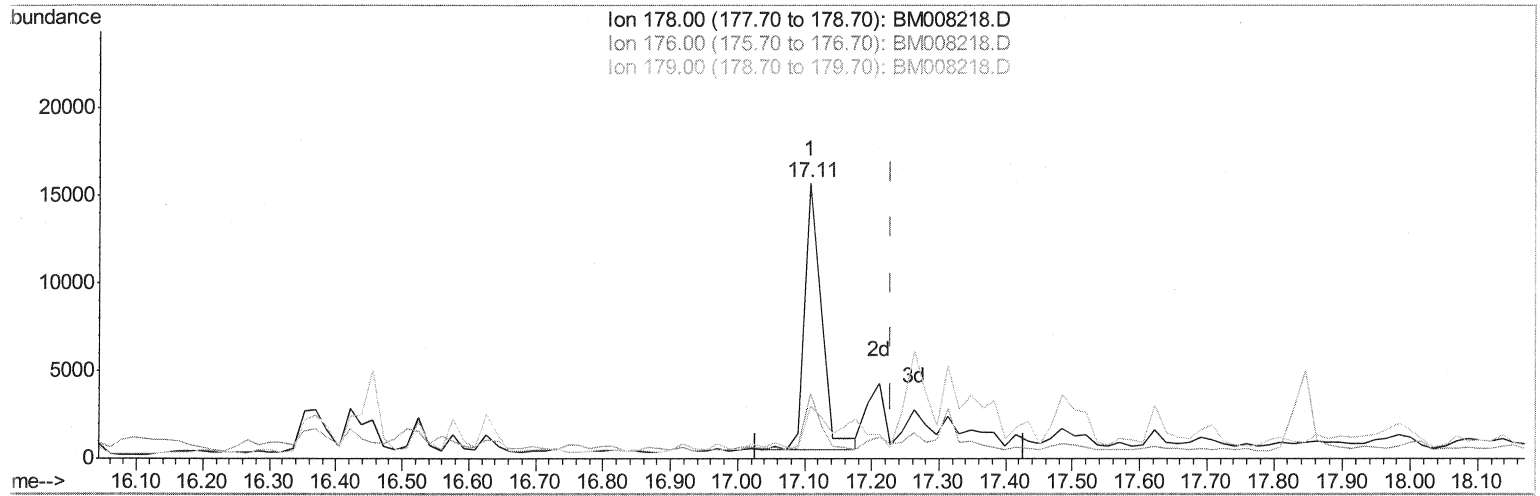
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Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:33 PM

Quant Time: Dec 12 09:58:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration



TIC: BM008218.D

(13) Anthracene

17.108min (-0.120) 4.59ng/ul

response 27008

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	23.59
179.00	18.40	19.25
0.00	0.00	0.00

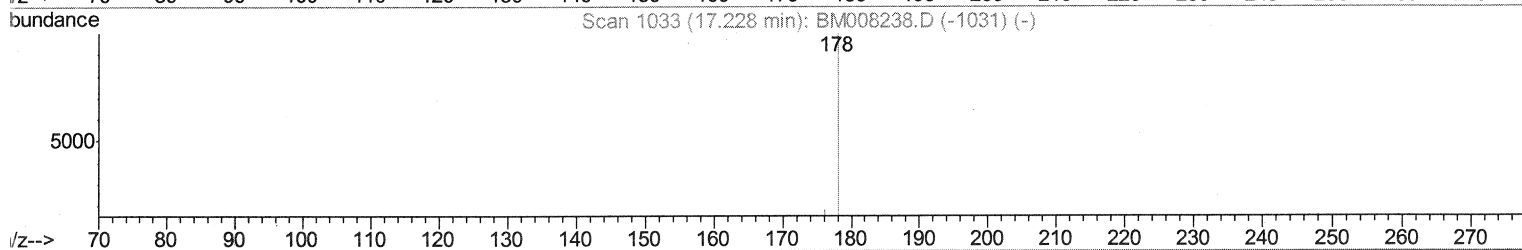
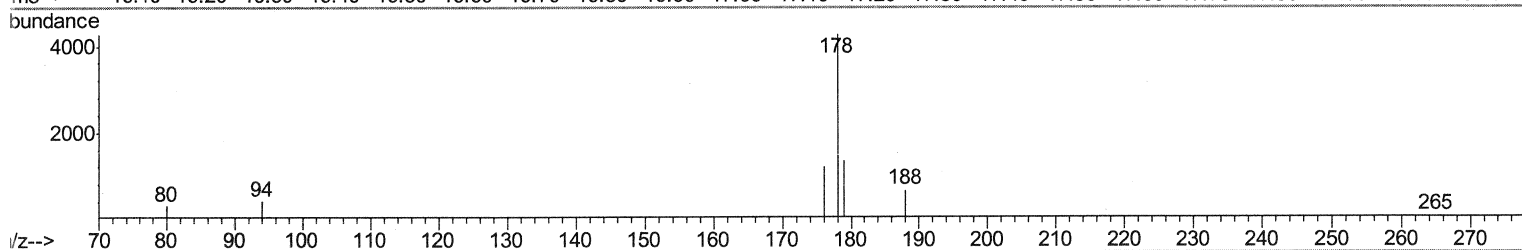
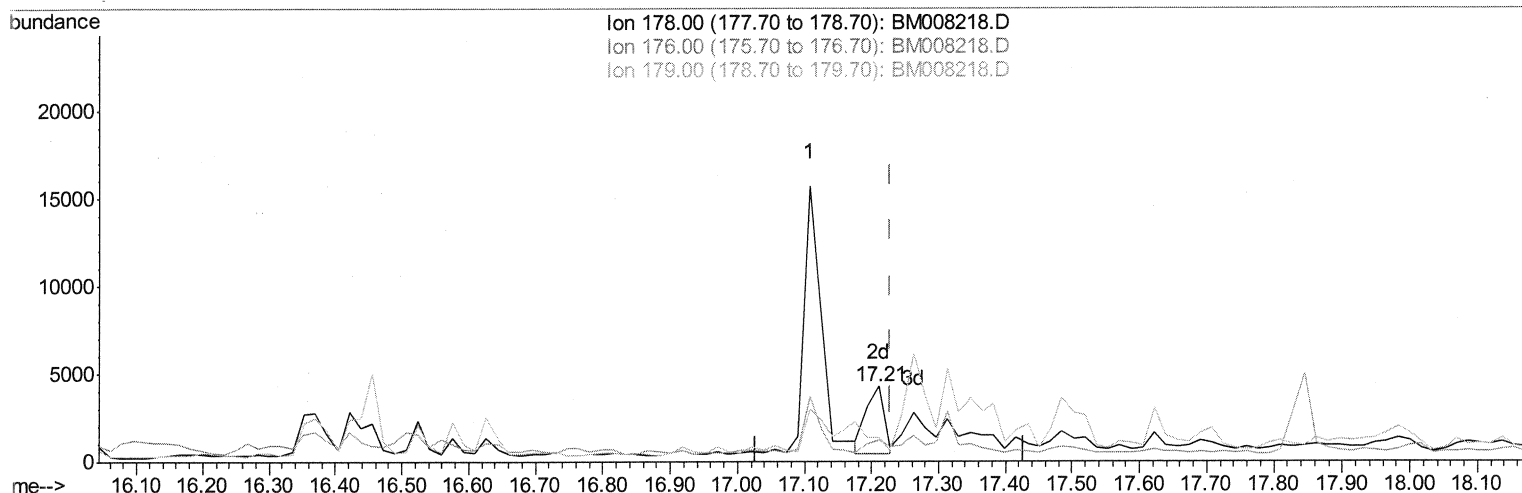
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Manual Integrations
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TIC: BM008218.D

(13) Anthracene

17.210min (-0.018) 1.19ng/ul m

SJ 12/12/16

response 7032

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	28.56#
179.00	18.40	31.44#
0.00	0.00	0.00

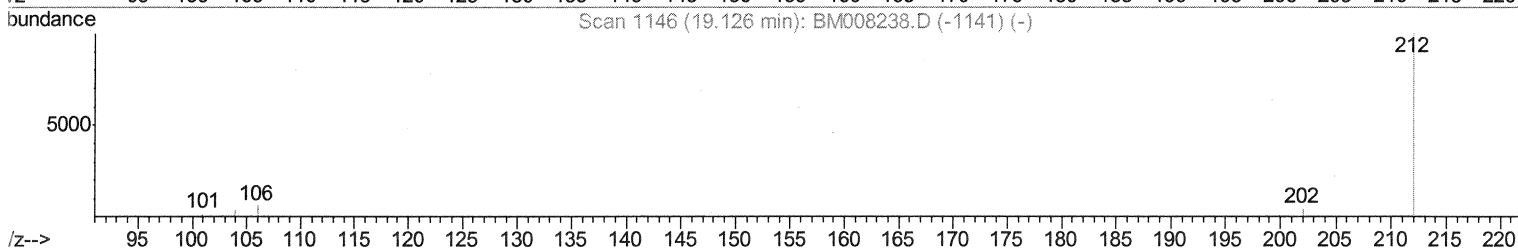
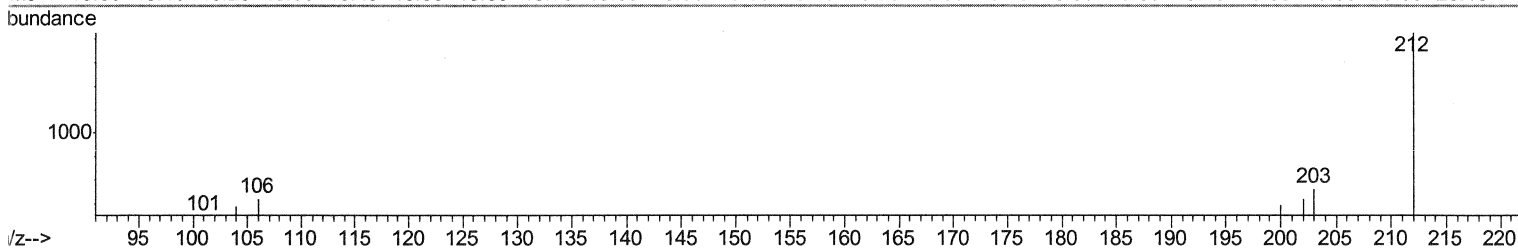
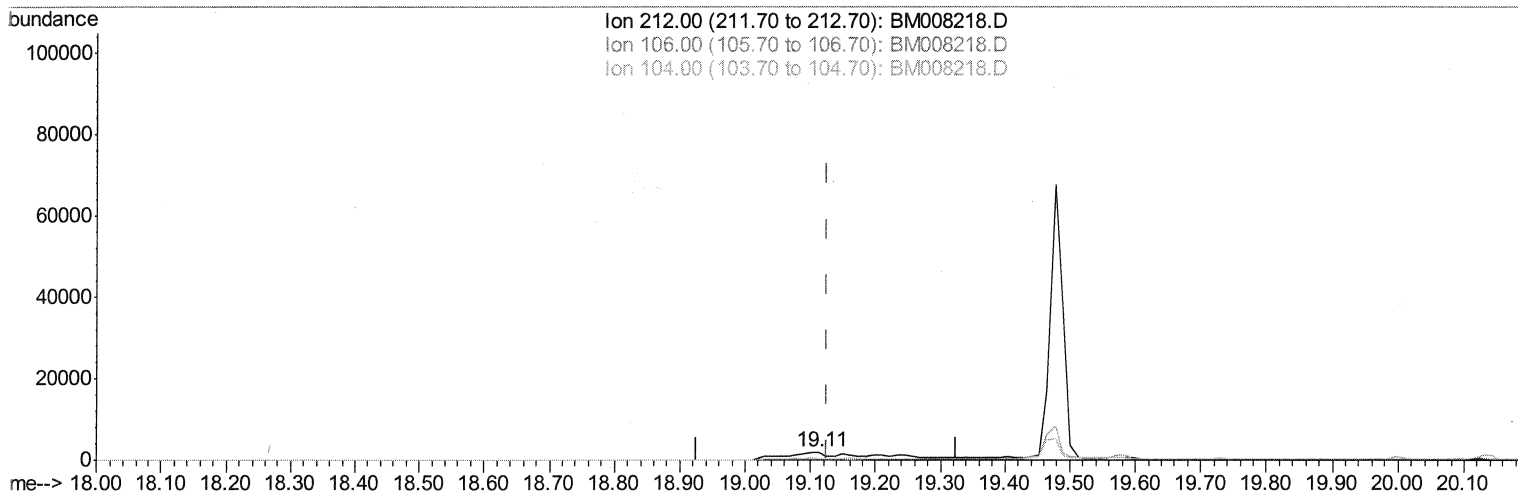
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
Data File : BM008218.D
Acq On : 09 Dec 2016 22:52
Operator : UM/SJ
Sample : H5863-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

UMANGI
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Quant Time: Dec 12 09:58:24 2016
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TIC: BM008218.D

(14) Fluoranthene-d10 (SURR)

19.113min (-0.012) 2.28ng/ul

response 13025

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	23.89#
104.00	15.60	0.00#
0.00	0.00	0.00

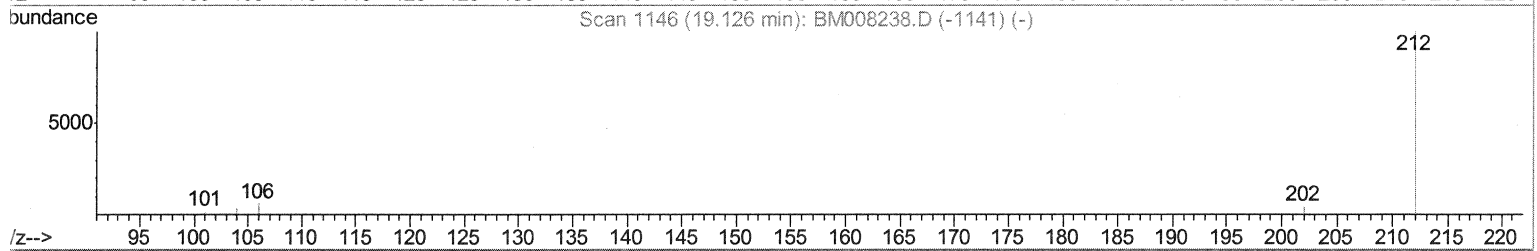
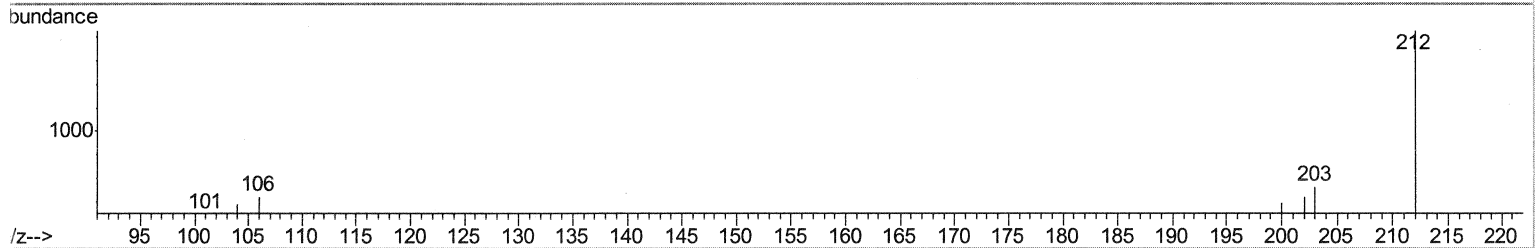
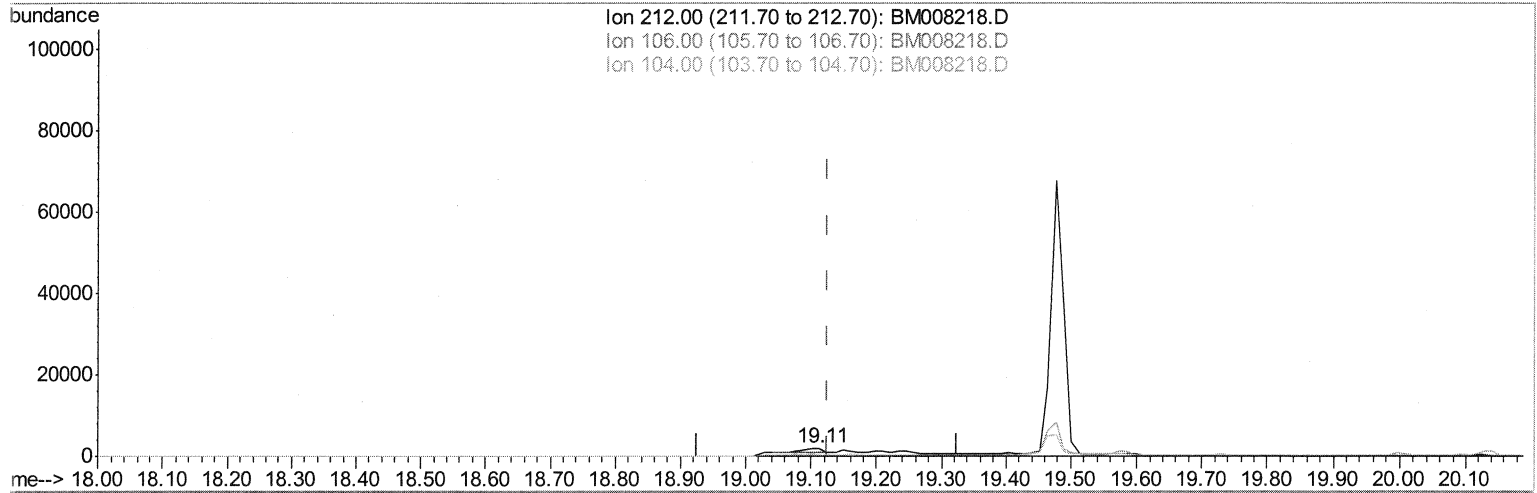
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
Data File : BM008218.D
Acq On : 09 Dec 2016 22:52
Operator : UM/SJ
Sample : H5863-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:33 PM

Quant Time: Dec 12 09:58:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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Response via : Initial Calibration



TIC: BM008218.D

(14) Fluoranthene-d10 (SURR)

19.113min (-0.012) 0.49ng/ul m

SJ 12/12/16

response 2783

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	111.82#
104.00	15.60	0.00#
0.00	0.00	0.00

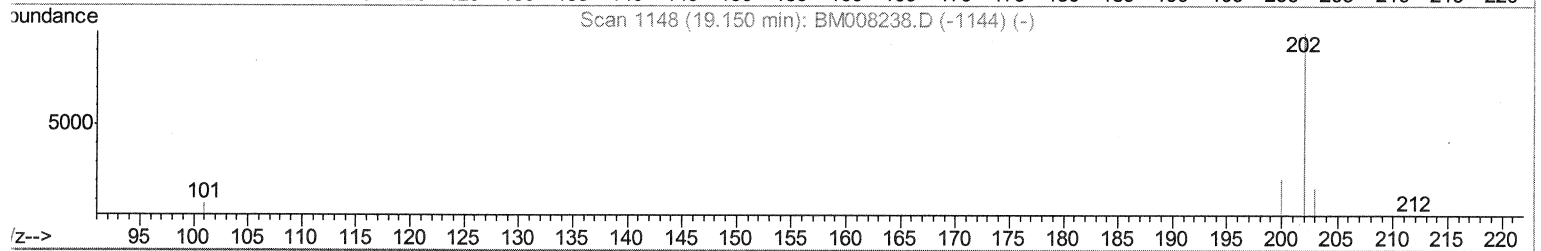
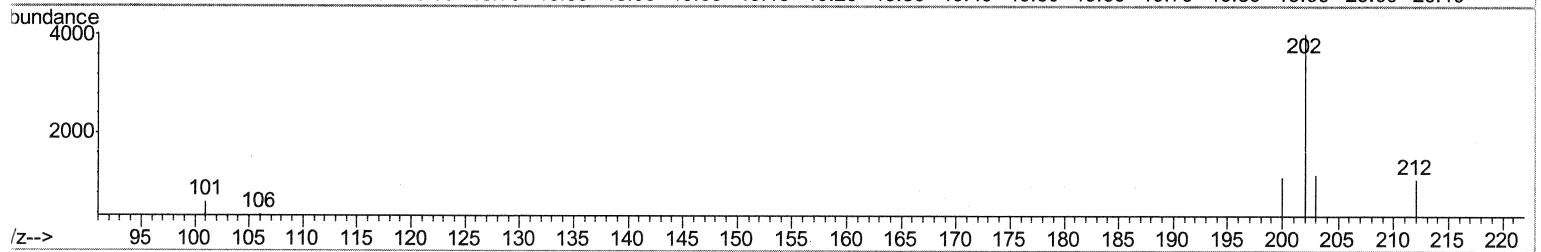
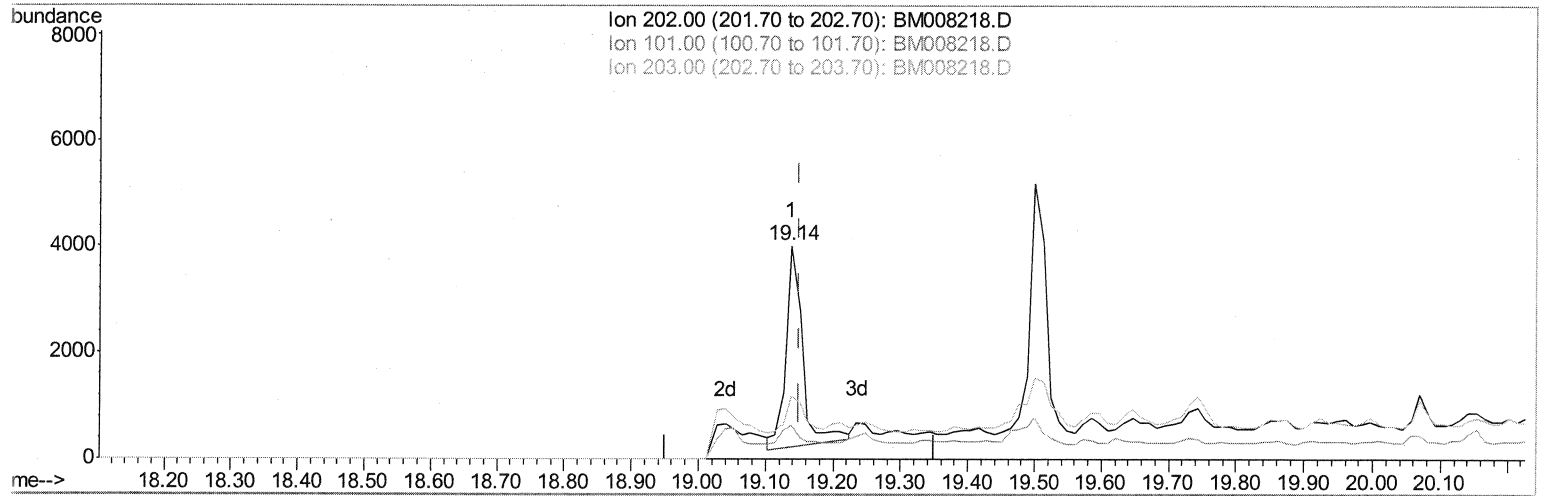
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
Data File : BM008218.D
Acq On : 09 Dec 2016 22:52
Operator : UM/SJ
Sample : H5863-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z8

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:33 PM

Quant Time: Dec 12 09:58:24 2016
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TIC: BM008218.D

(15) Fluoranthene (C)

19.138min (-0.012) 0.80ng/ul

response 6505

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	15.69
203.00	19.50	29.19
0.00	0.00	0.00

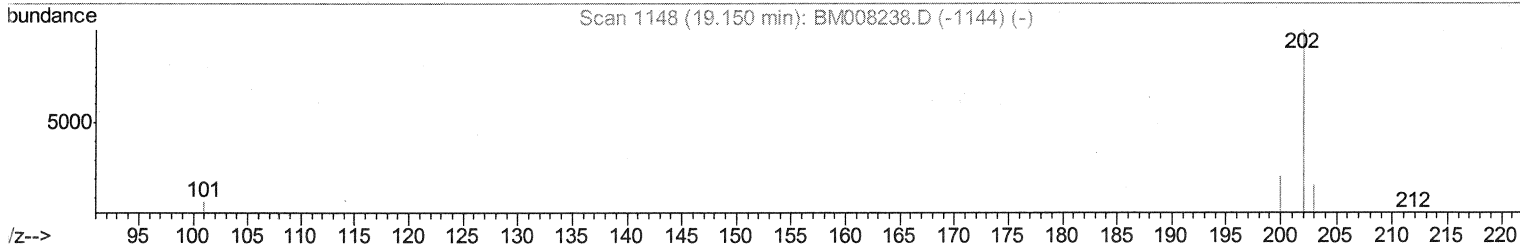
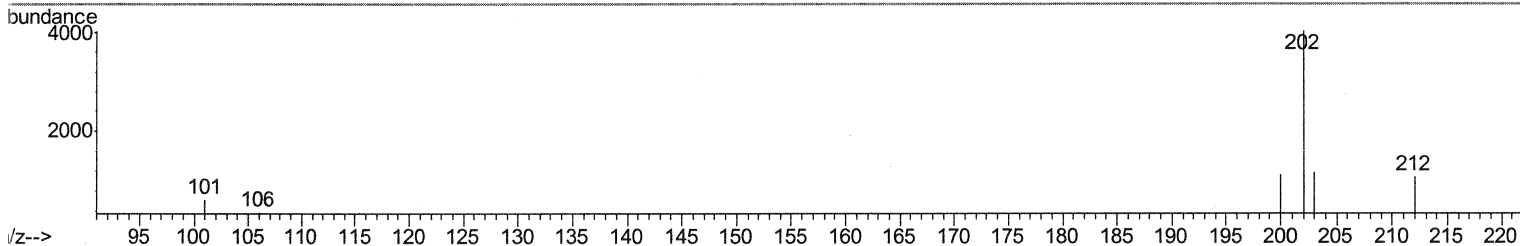
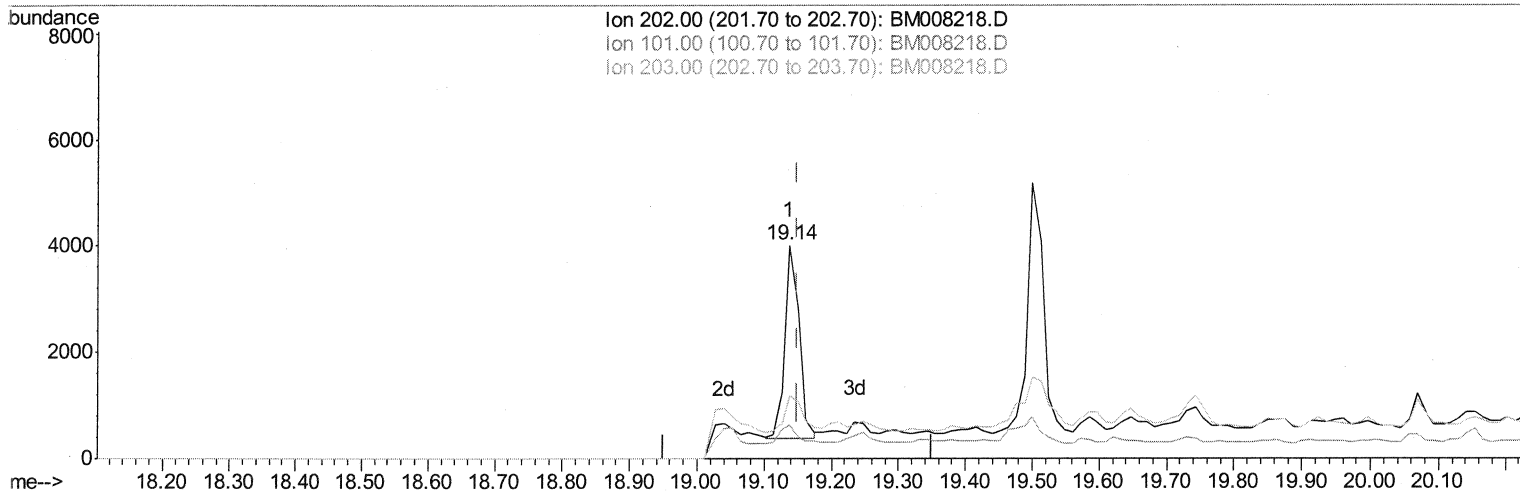
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
 Data File : BM008218.D
 Acq On : 09 Dec 2016 22:52
 Operator : UM/SJ
 Sample : H5863-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z8

Manual Integrations
 APPROVED

UMANGI
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Quant Time: Dec 12 09:58:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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TIC: BM008218.D

(15) Fluoranthene (C)

19.138min (-0.012) 0.66ng/ul m

SJ 12/12/16

response 5362

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	15.69
203.00	19.50	29.19
0.00	0.00	0.00

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 Data File : BM008218.D
 Acq On : 09 Dec 2016 22:52
 Operator : UM/SJ
 Sample : H5863-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z8

Manual Integrations
 APPROVED

UMANGI
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Quant Time: Dec 12 10:03:09 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	838	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	1583	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1636	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2014	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1724	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1634	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	1097	0.49	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	2783m	0.49	ng/ul	-0.01

SJ 12/12/16

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.51	128	202473	45.74	ng/ul	94
5) 2-Methylnaphthalene	12.13	142	226282	79.30	ng/ul	99
7) Acenaphthylene	14.04	152	5314	0.72	ng/ul#	10
8) Acenaphthene	14.38	153	13599	2.41	ng/ul	96
9) Fluorene	15.38	166	40274	6.22	ng/ul#	83
12) Phenanthrene	17.11	178	27771	4.43	ng/ul	97
13) Anthracene	17.21	178	7032m	1.19	ng/ul	
15) Fluoranthene	19.14	202	5362m	0.66	ng/ul	
17) Pyrene	19.50	202	7961	1.33	ng/ul#	84
18) Benzo(a)anthracene	21.26	228	1614	0.31	ng/ul#	20
19) Chrysene	21.31	228	1421	0.22	ng/ul#	24

} SJ 12/12/16

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