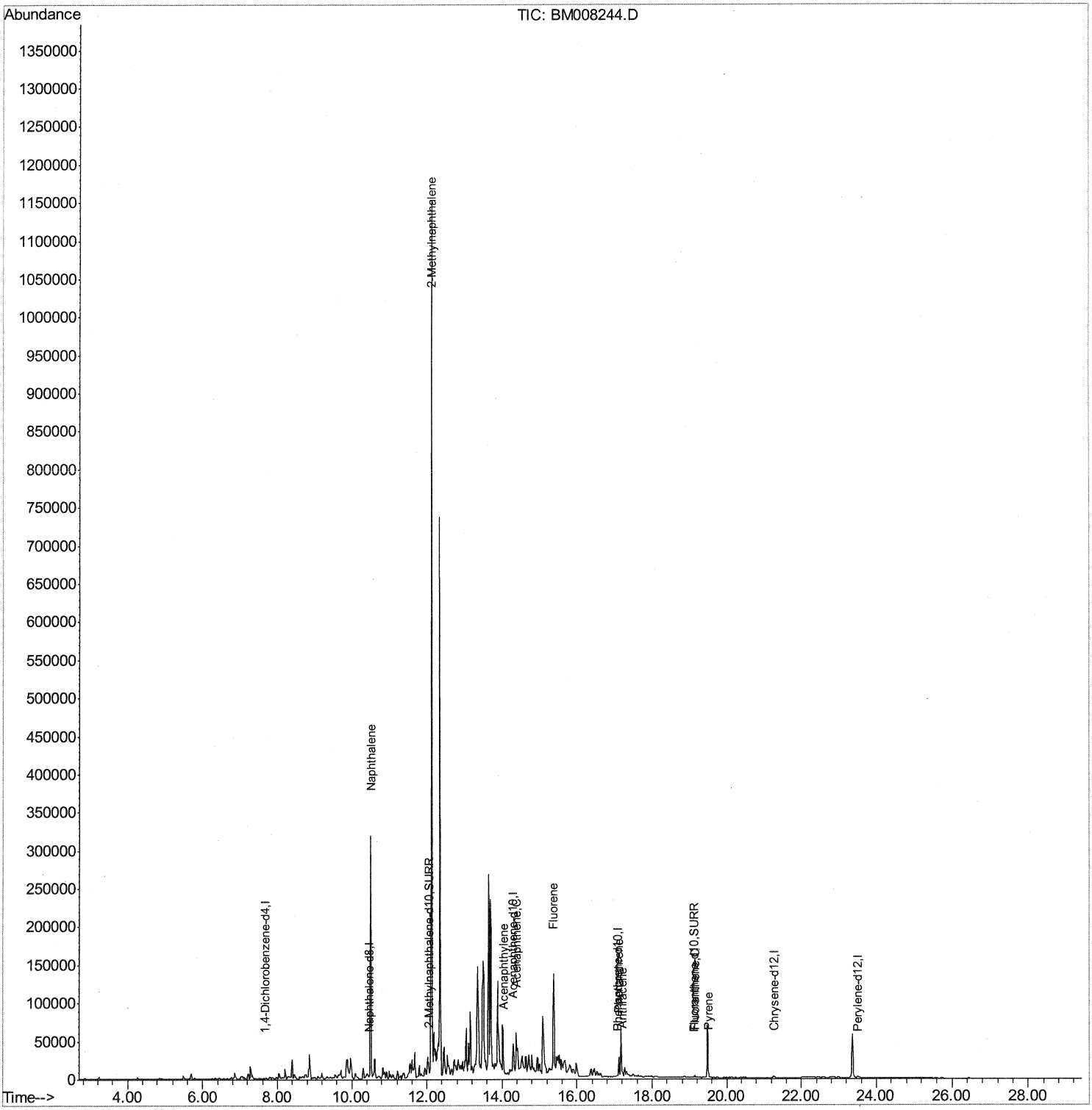
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121016\
Data File : BM008244.D
Acq On : 10 Dec 2016 22:17
Operator : UM/SJ
Sample : H5905-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 12 11:29:48 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

Instrument :
BNA_M
ClientSampleId :
DA817

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:33 PM



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Data File : BM008244.D
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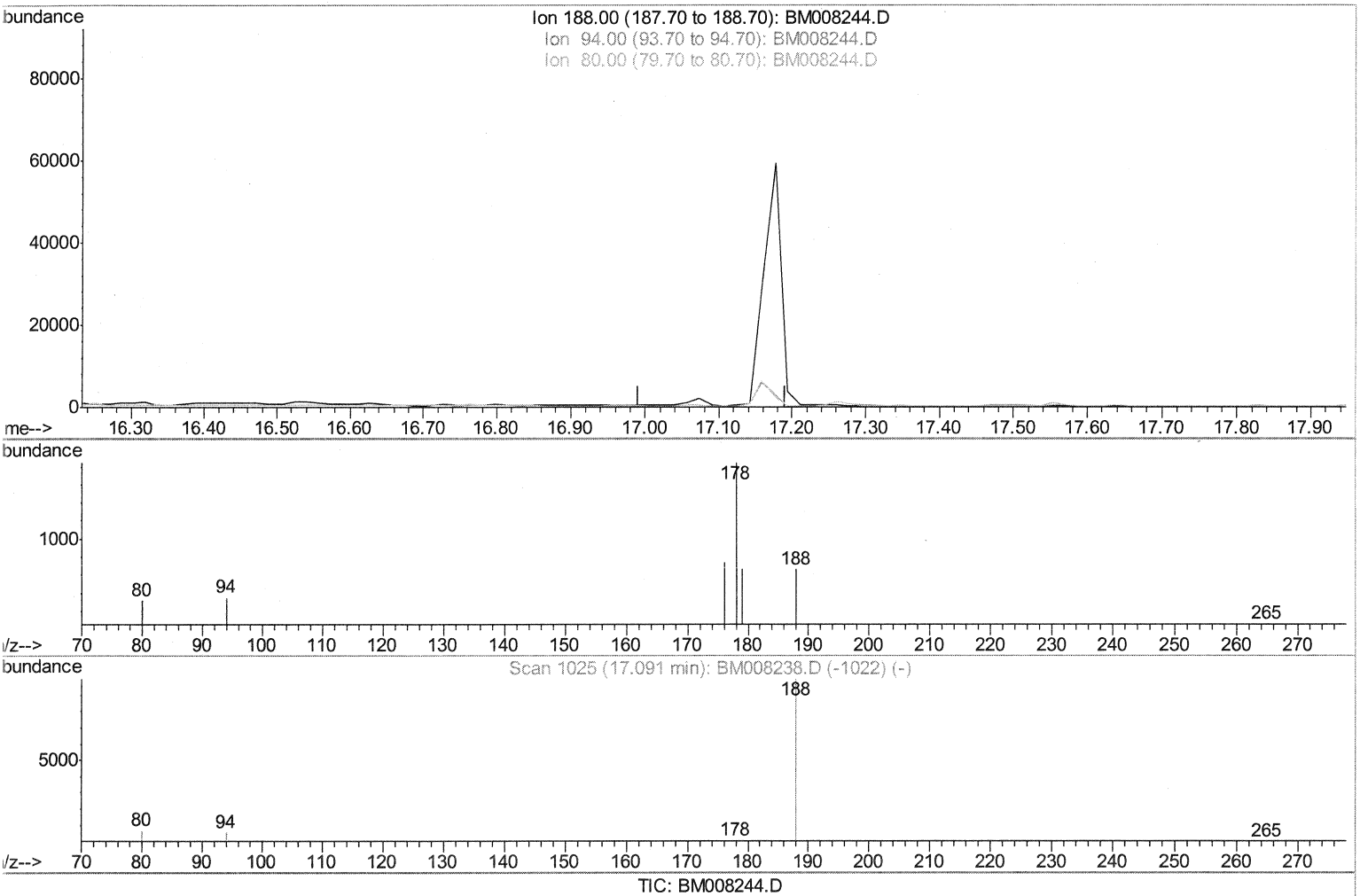

TIC: BM008244.D

(10) Phenanthrene-d10 (I)

17.091min (-17.091) 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

Quantitation Report (Qedit)

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UMANGI
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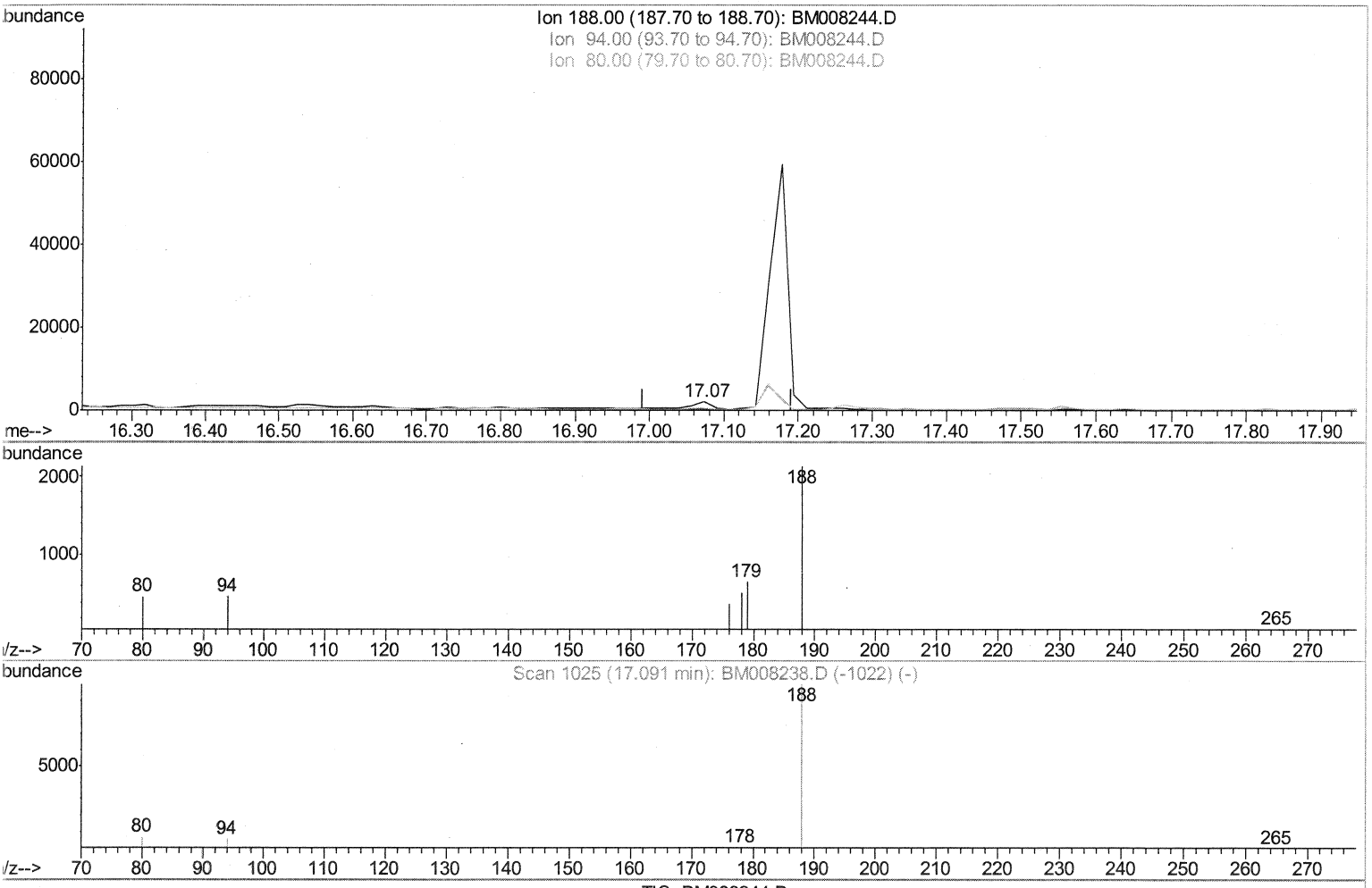

TIC: BM008244.D

(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m SJ 12/12/16

response 2788

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	22.34#
80.00	11.80	21.91#
0.00	0.00	0.00

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Data File : BM008244.D
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Sample : H5905-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
UMANGI
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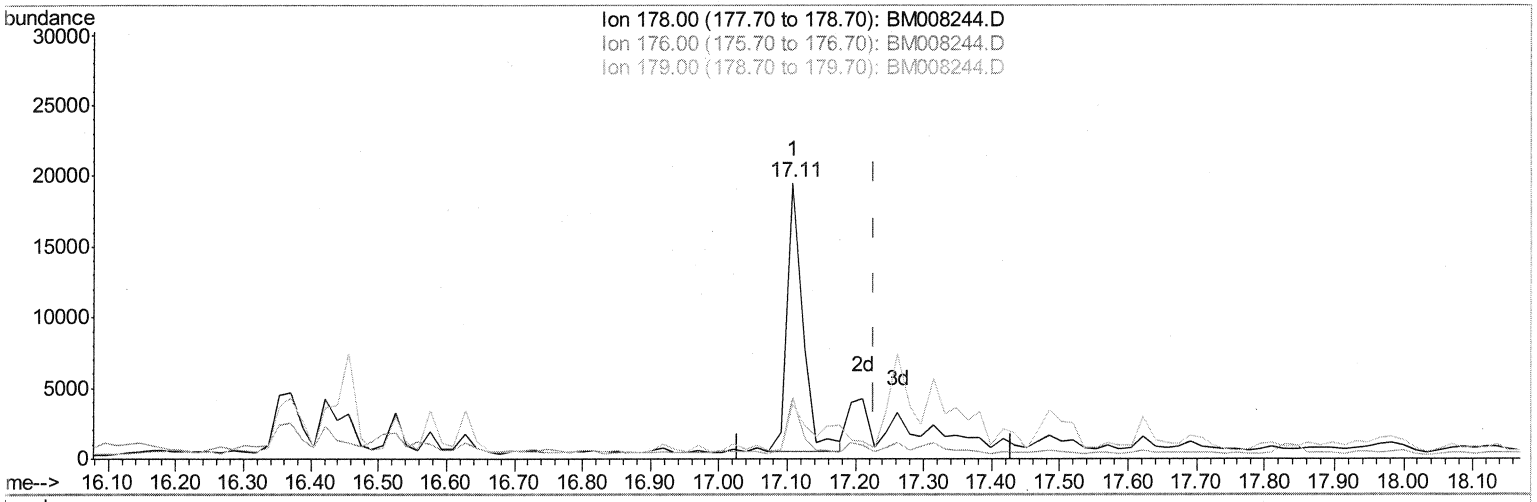

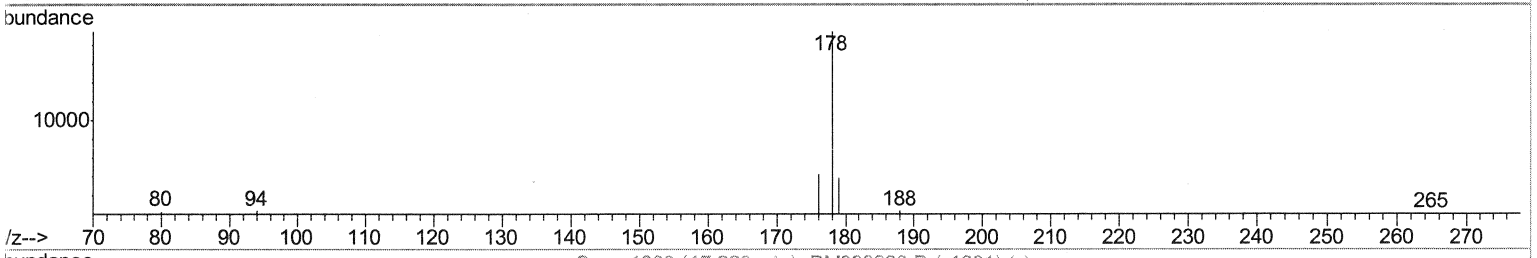

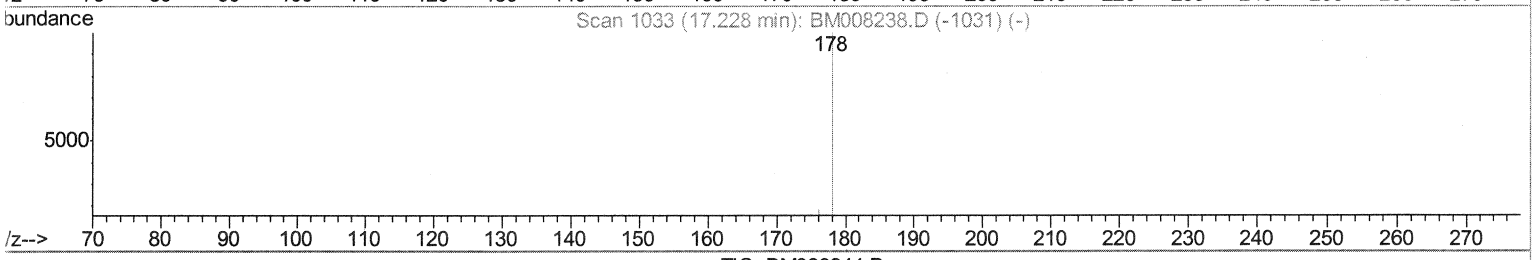

TIC: BM008244.D

(13) Anthracene

17.108min (-0.120) 3.76ng/ul

response 30643

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	22.09
179.00	18.40	19.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121016\
Data File : BM008244.D
Acq On : 10 Dec 2016 22:17
Operator : UM/SJ
Sample : H5905-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 12 11:27:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
UMANGI
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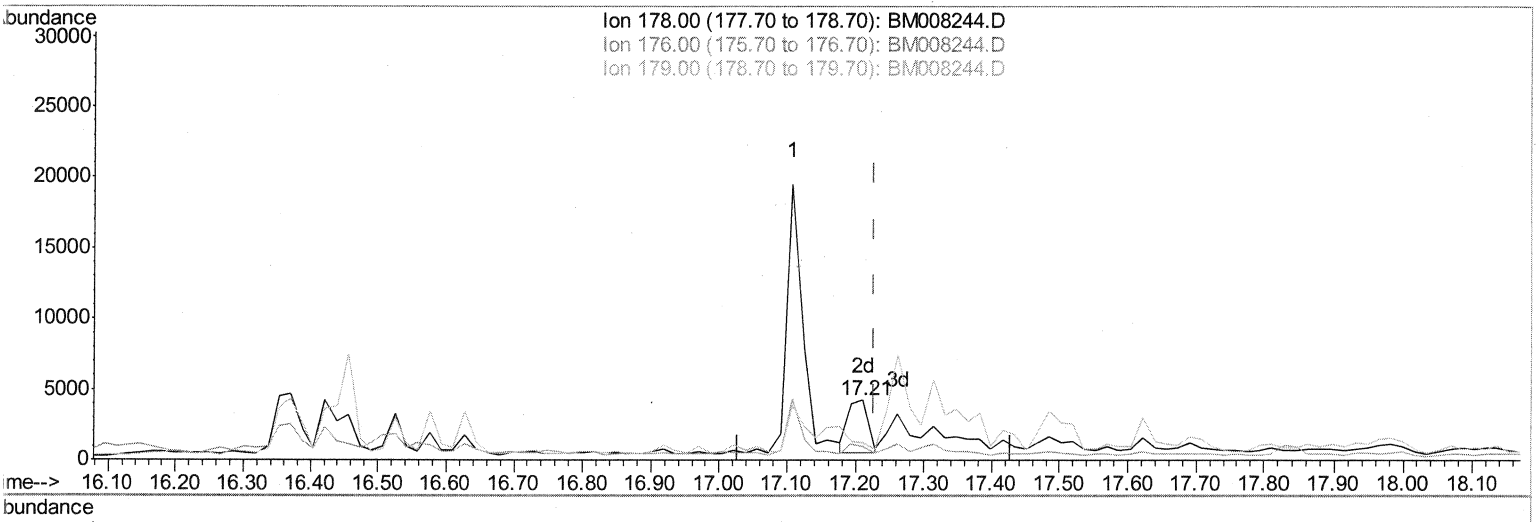

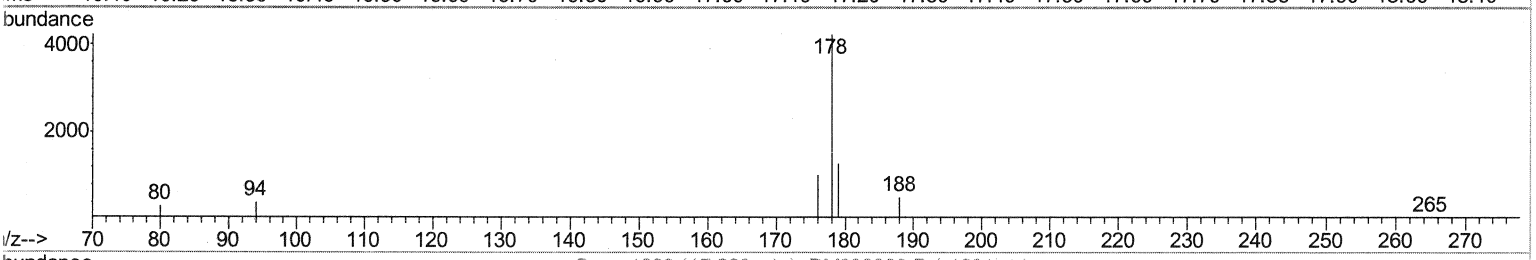

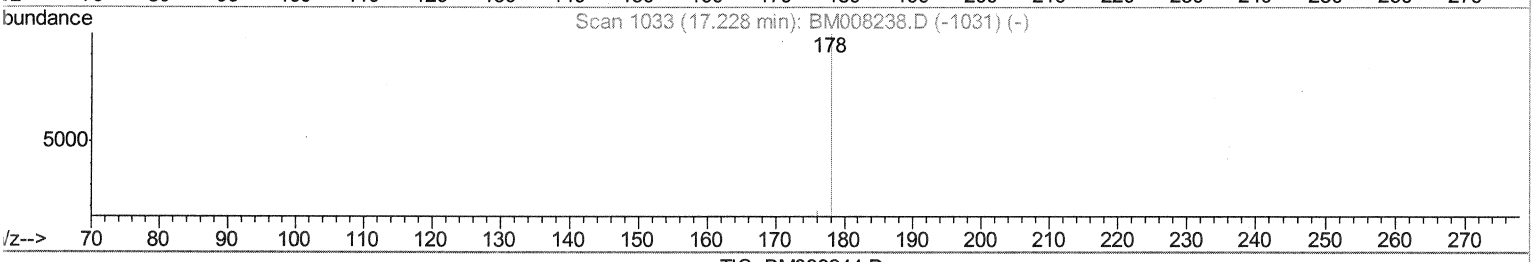

TIC: BM008244.D

(13) Anthracene

17.211min (-0.017) 0.94ng/ul m SJ 12/12/16

response 7669

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	24.10
179.00	18.40	30.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121016\
Data File : BM008244.D
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Sample : H5905-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
UMANGI
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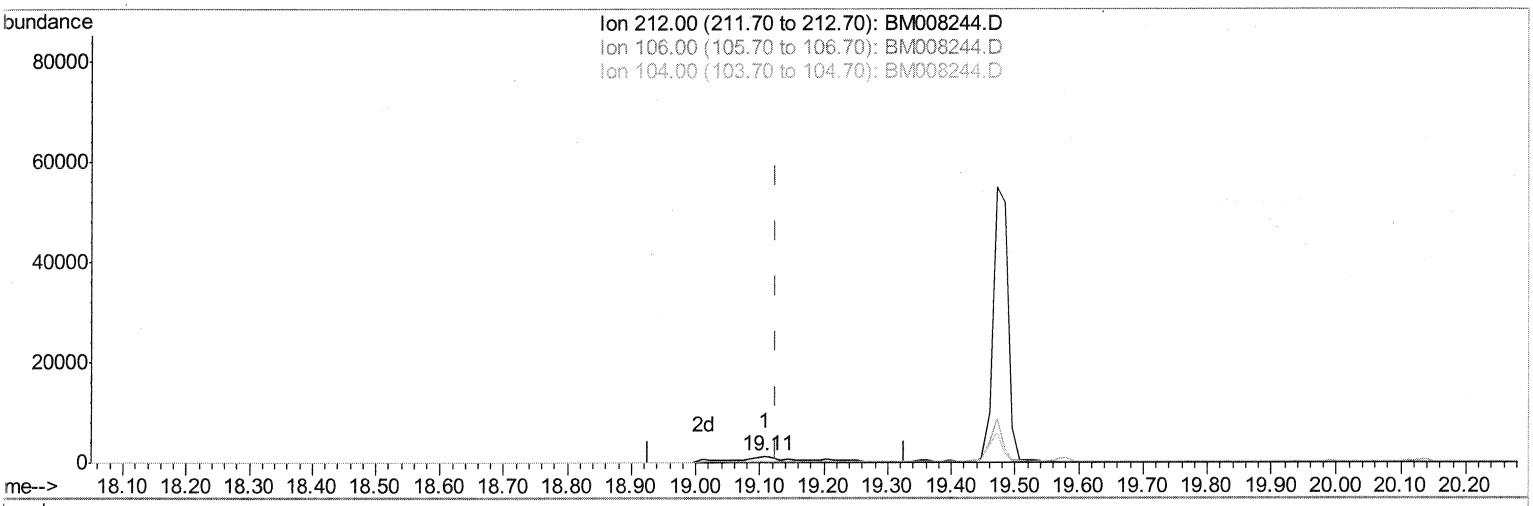

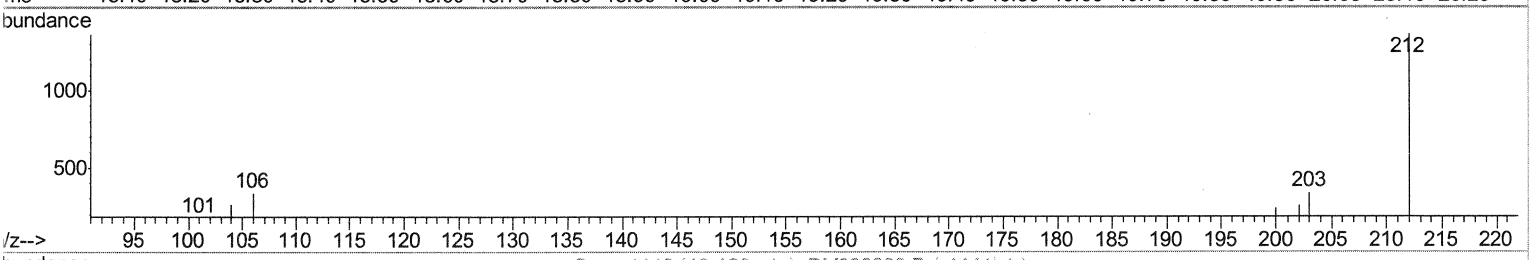

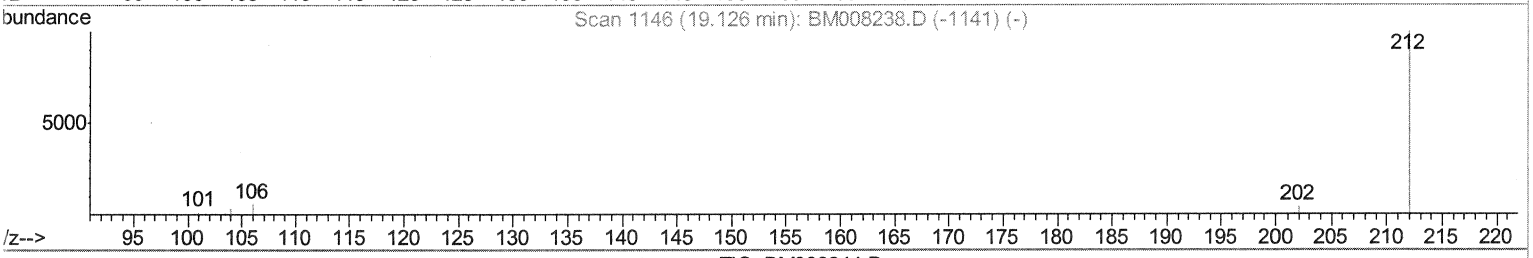

TIC: BM008244.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.017) 0.77ng/ul

response 6096

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	69.26#
104.00	15.60	0.00#
0.00	0.00	0.00

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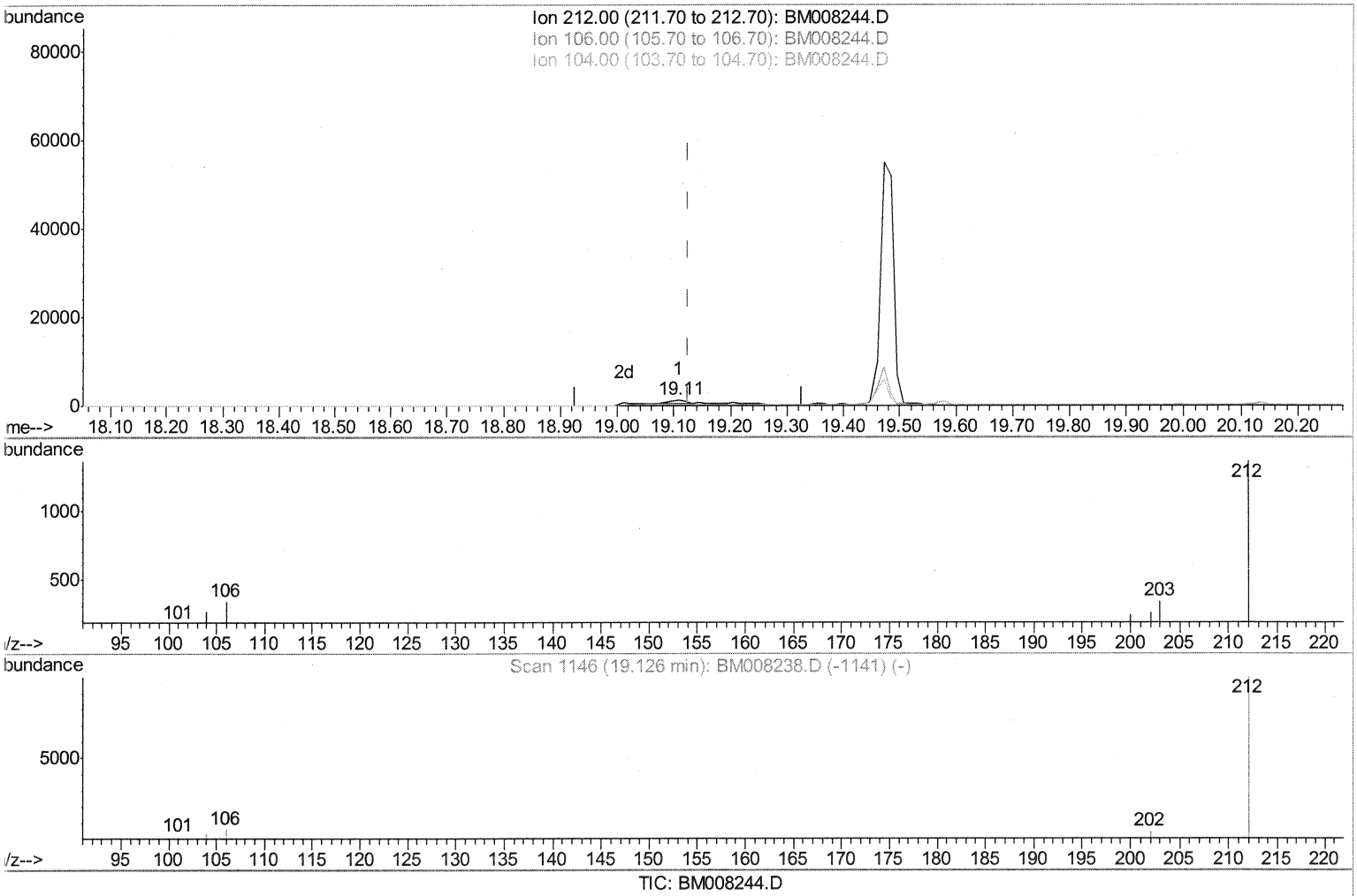
Instrument :
BNA_M
ClientSampleId :
DA817

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:33 PM



TIC: BM008244.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.017) 0.23ng/ul m SJ 12/12/16

response 1839

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	229.58#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121016\
Data File : BM008244.D
Acq On : 10 Dec 2016 22:17
Operator : UM/SJ
Sample : H5905-18
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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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12/12/2016 6:50:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	942	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2612	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	3840	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.07	188	2788m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2092	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2053	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1208	0.33	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1839m	0.23	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.51	128	439983	60.23	ng/ul#	93
5) 2-Methylnaphthalene	12.13	142	775557	164.71	ng/ul	98
7) Acenaphthylene	14.04	152	14695	0.85	ng/ul#	7
8) Acenaphthene	14.38	153	40357	3.05	ng/ul	97
9) Fluorene	15.38	166	84651	5.57	ng/ul	84
12) Phenanthrene	17.11	178	32019	3.69	ng/ul	96
13) Anthracene	17.21	178	7669m	0.94	ng/ul	
15) Fluoranthene	19.14	202	4397	0.39	ng/ul	82
17) Pyrene	19.51	202	4564	0.63	ng/ul#	87

SJ 12/12/16

SJ 12/12/16

SJ 12/12/16

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