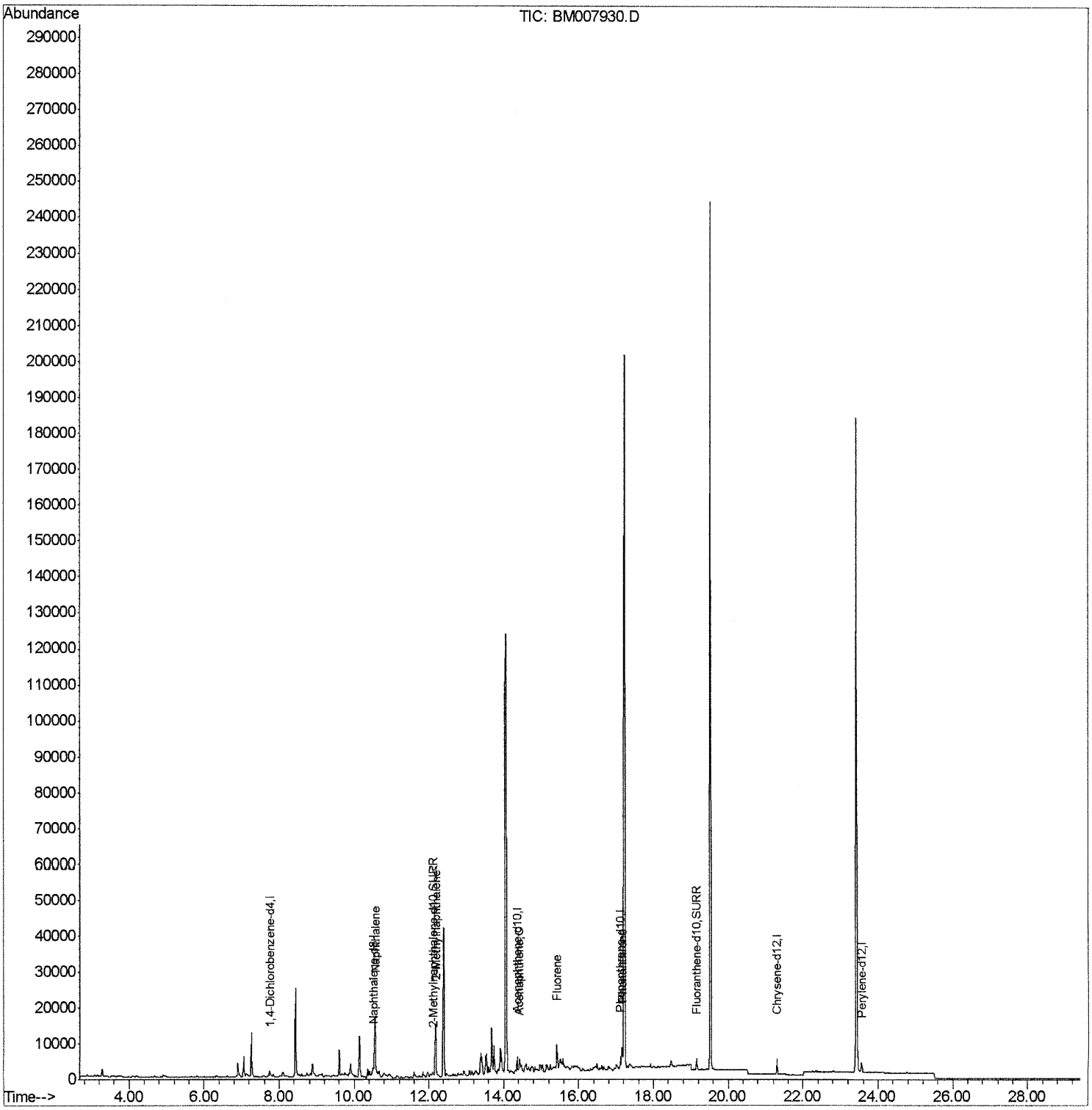
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007930.D
Acq On : 16 Nov 2016 20:25
Operator : UM/SJ
Sample : H5622-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 06:11:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 04:42:29 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WM0

Manual Integrations APPROVED
umangi
11/17/2016 5:55:48 PM



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Data File : BM007930.D
Acq On : 16 Nov 2016 20:25
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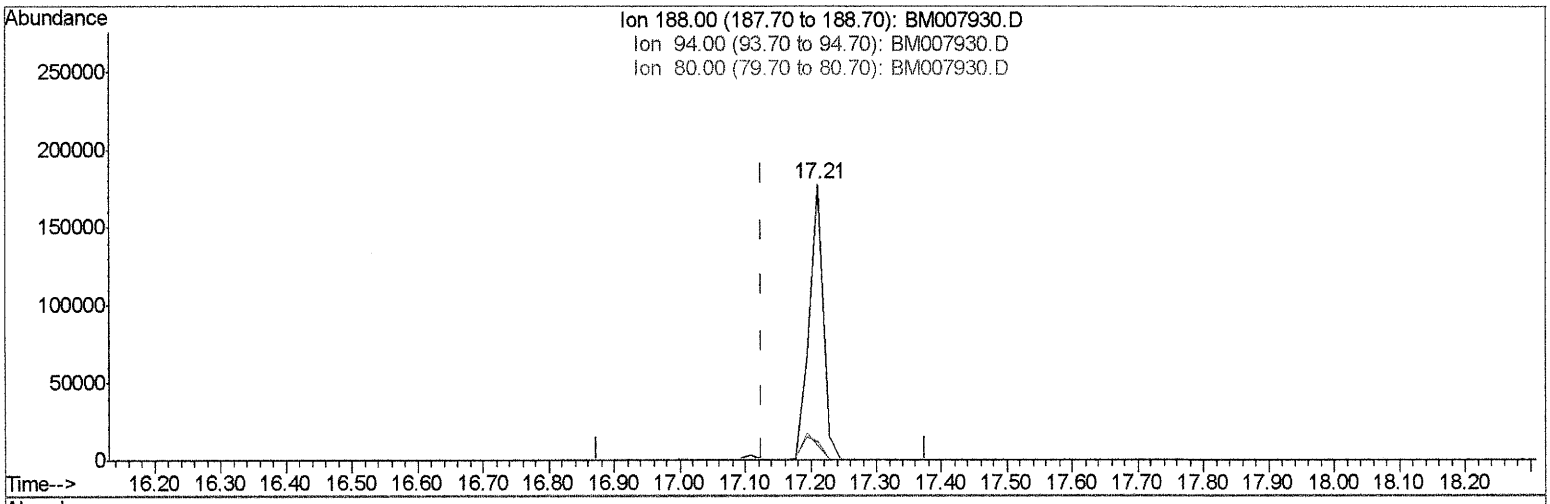
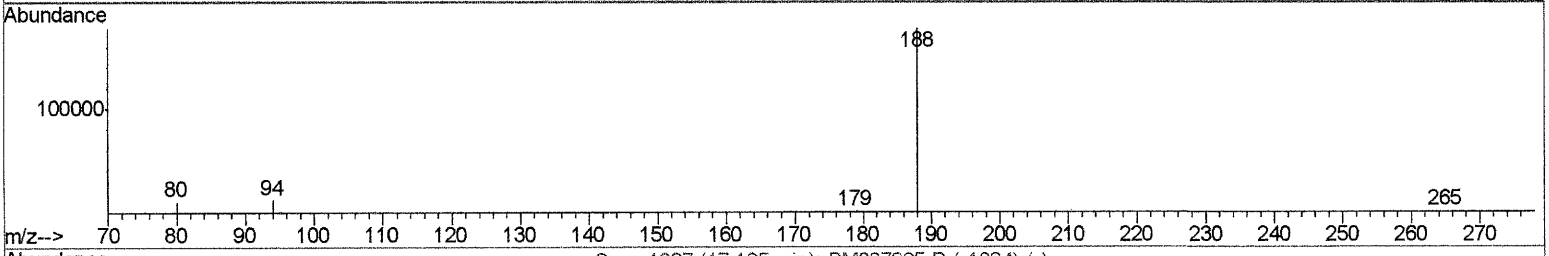
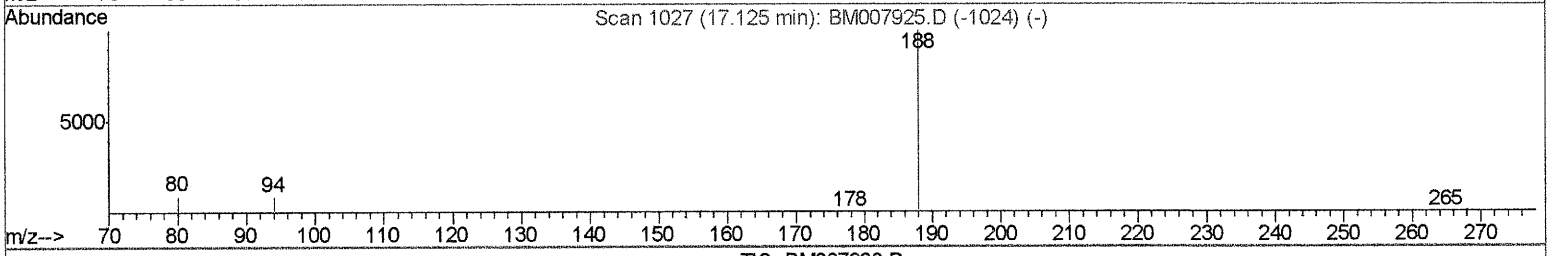
Manual Integrations APPROVED
umangi
11/17/2016 5:55:48 PM







TIC: BM007930.D

(10) Phenanthrene-d10 (I)

17.210min (+0.086) 0.40ng/ul

response 268339

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.80#
80.00	11.80	5.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007930.D
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Misc :
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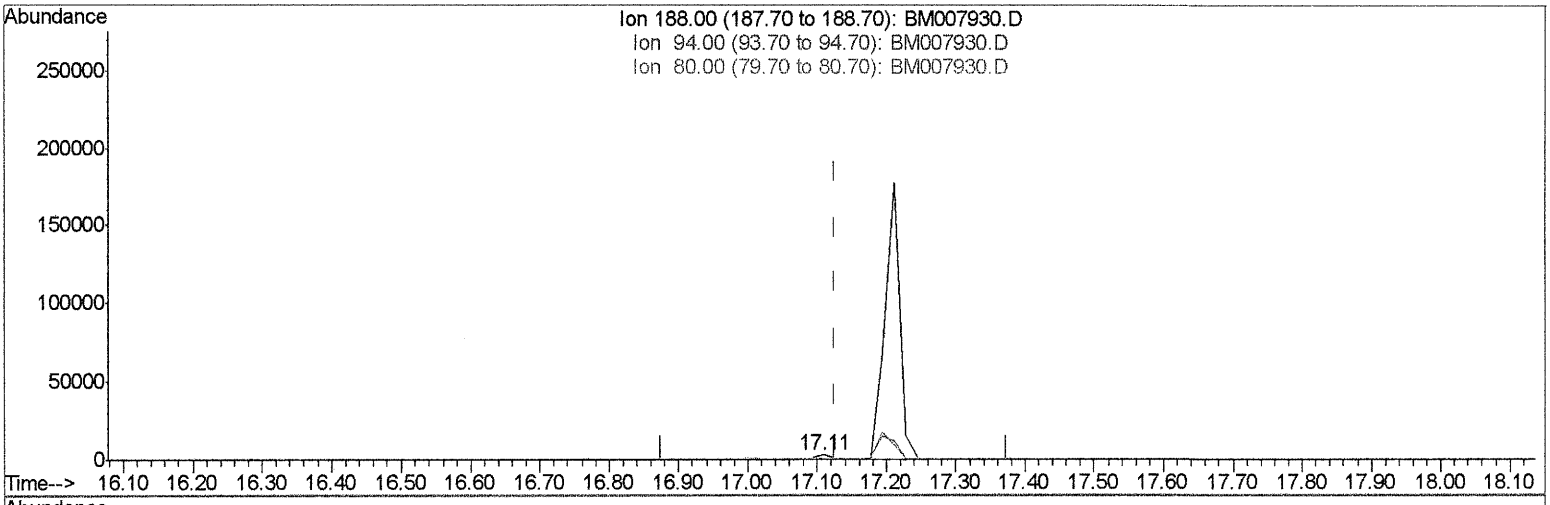
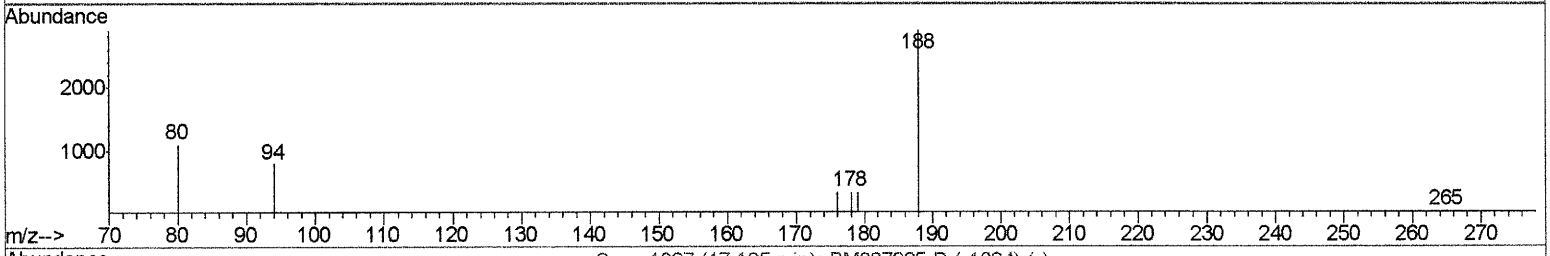
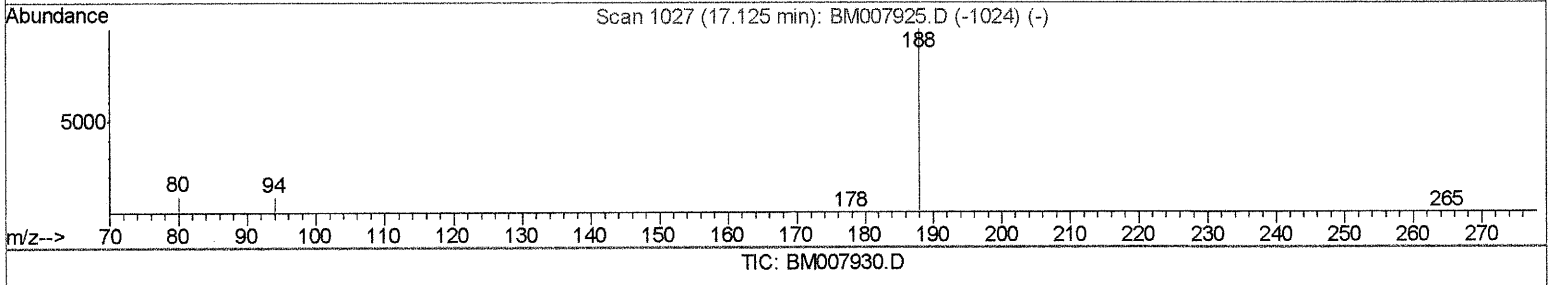
BNA_M
ClientSampleId :
A4WM0

Manual Integrations APPROVED
umangi
11/17/2016 5:55:48 PM







TIC: BM007930.D

(10) Phenanthrene-d10 (I)

17.108min (-0.017) 0.40ng/ul m UM 111716

response 4023

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	27.94#
80.00	11.80	38.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007930.D
Acq On : 16 Nov 2016 20:25
Operator : UM/SJ
Sample : H5622-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 04:44:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
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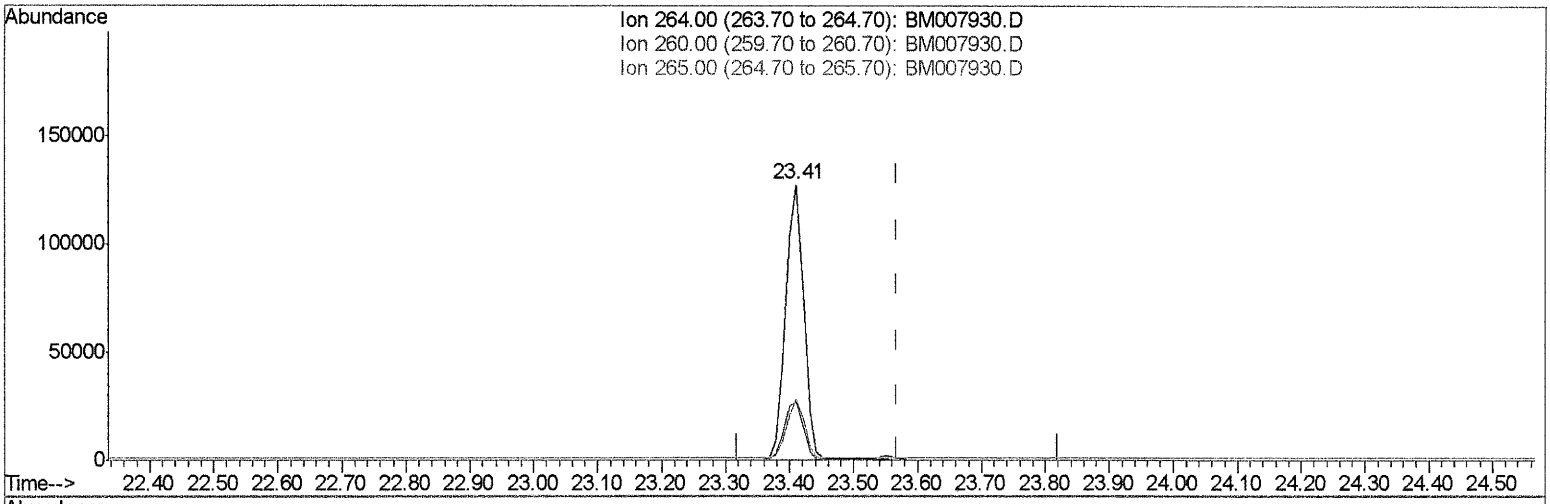
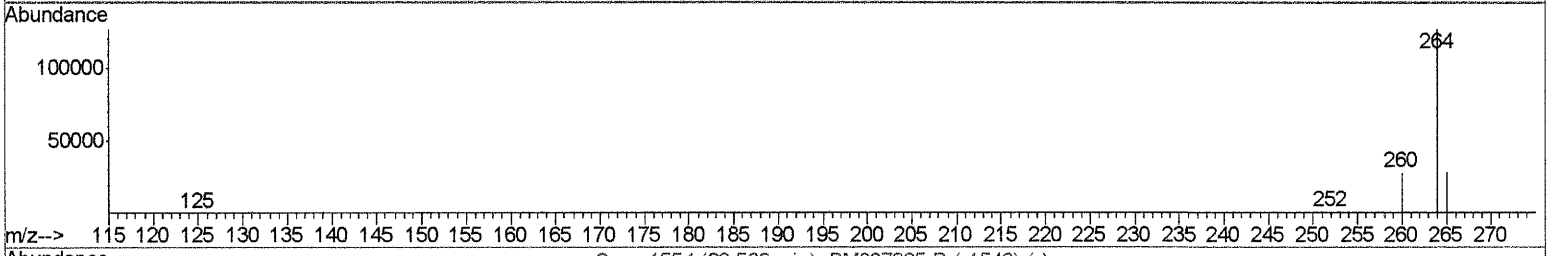
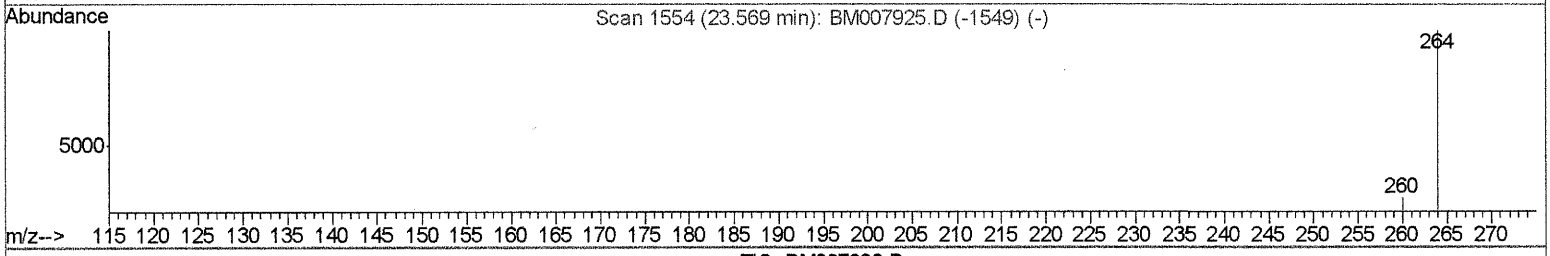
Instrument :
BNA_M
ClientSampleId :
A4WM0

Manual Integrations APPROVED
umangi
11/17/2016 5:55:48 PM







TIC: BM007930.D

(20) Perylene-d12 (I)

23.410min (-0.160) 0.40ng/ul

response 242890

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.56#
265.00	103.50	22.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007930.D
Acq On : 16 Nov 2016 20:25
Operator : UM/SJ
Sample : H5622-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 04:44:35 2016
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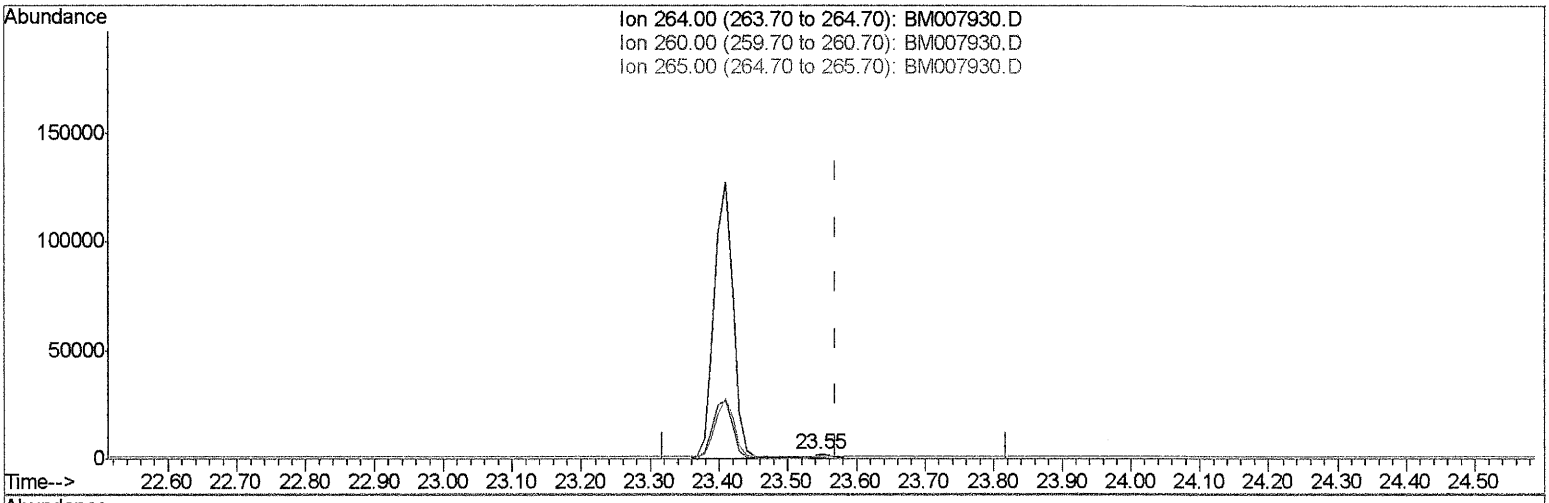
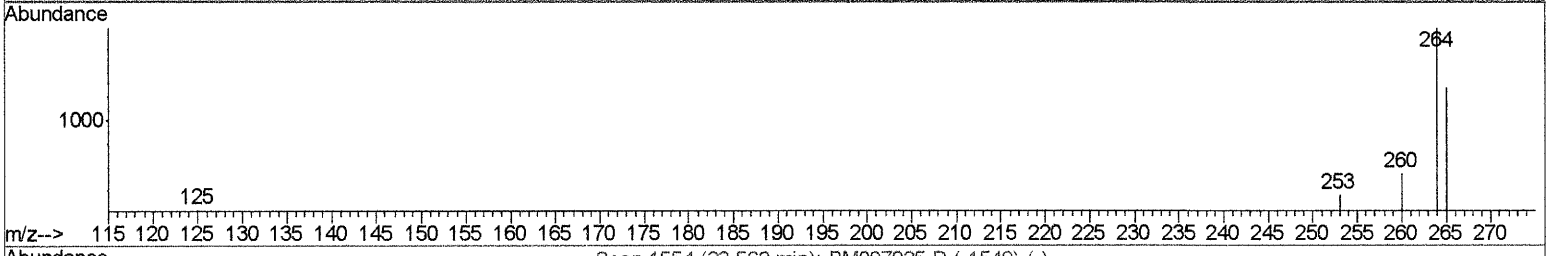
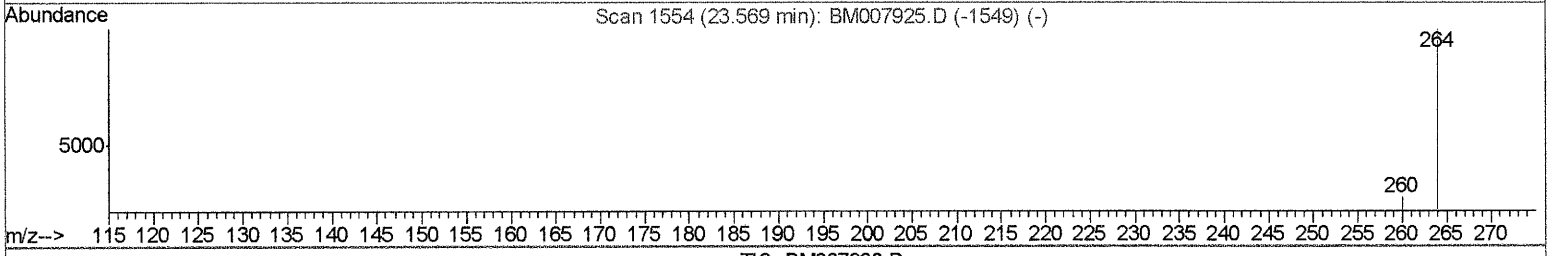
Instrument :
BNA_M
ClientSampleId :
A4WM0

Manual Integrations APPROVED
umangi
11/17/2016 5:55:48 PM







TIC: BM007930.D

(20) Perylene-d12 (I)

23.545min (-0.024) 0.40ng/ul m UM

response 3112 11/17/16

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.60
265.00	103.50	71.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007930.D
Acq On : 16 Nov 2016 20:25
Operator : UM/SJ
Sample : H5622-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 06:08:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 04:42:29 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WM0

Manual Integrations APPROVED
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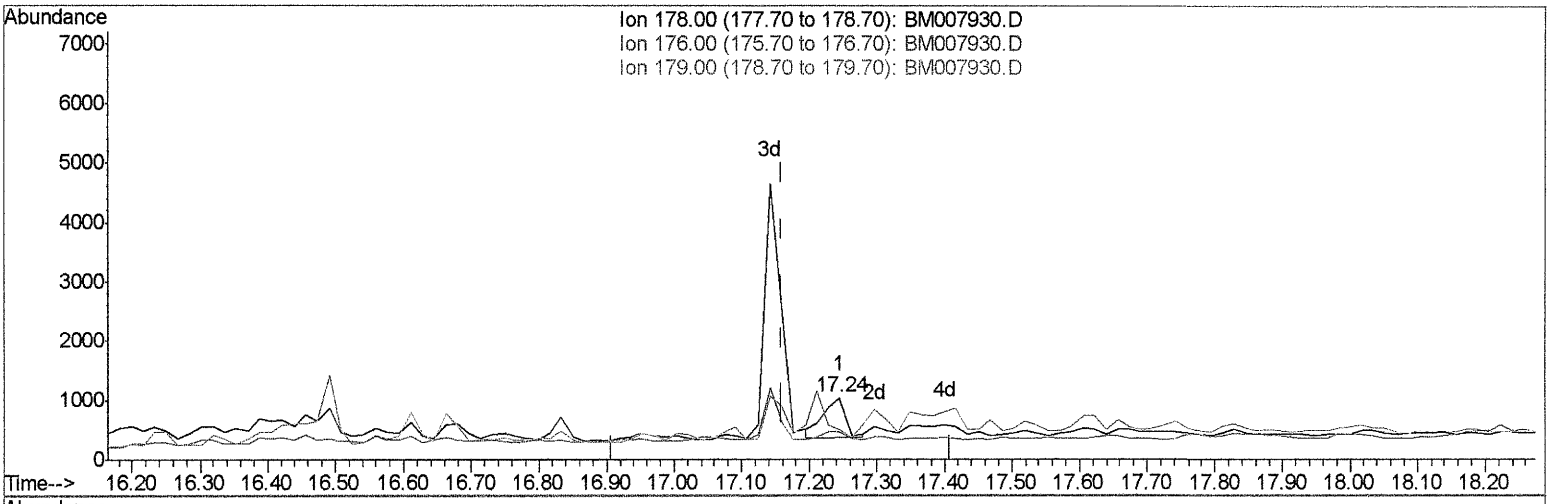

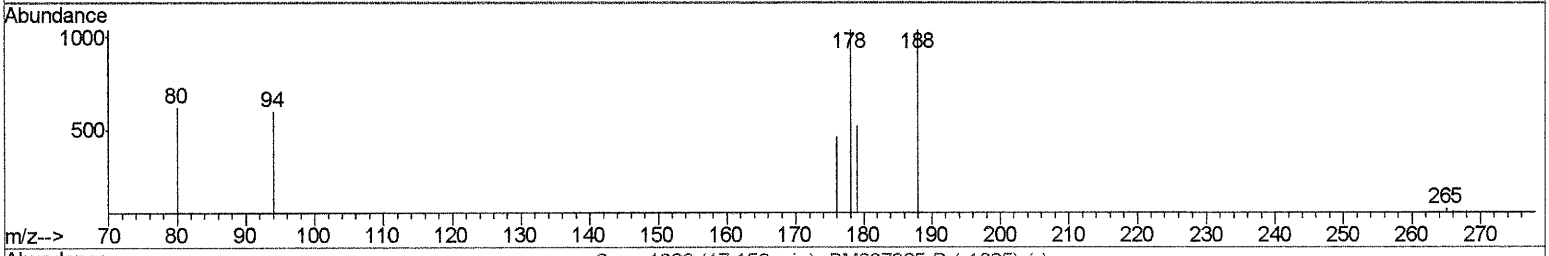

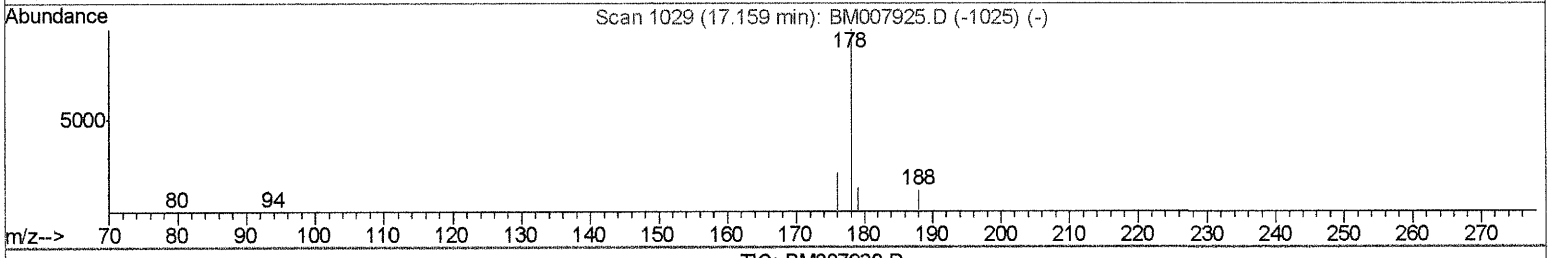

TIC: BM007930.D

(12) Phenanthrene

17.245min (+0.086) 0.13ng/ul

response 1511

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	44.37#
179.00	17.00	49.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
Sample : H5622-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 06:08:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
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QLast Update : Thu Nov 17 04:42:29 2016
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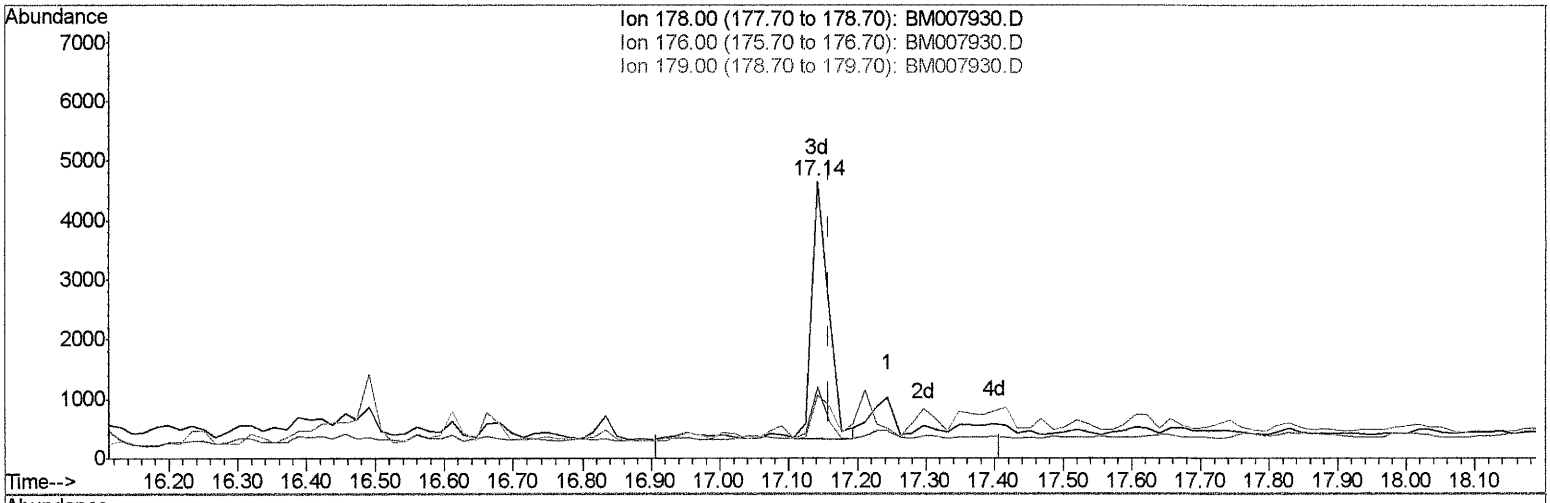
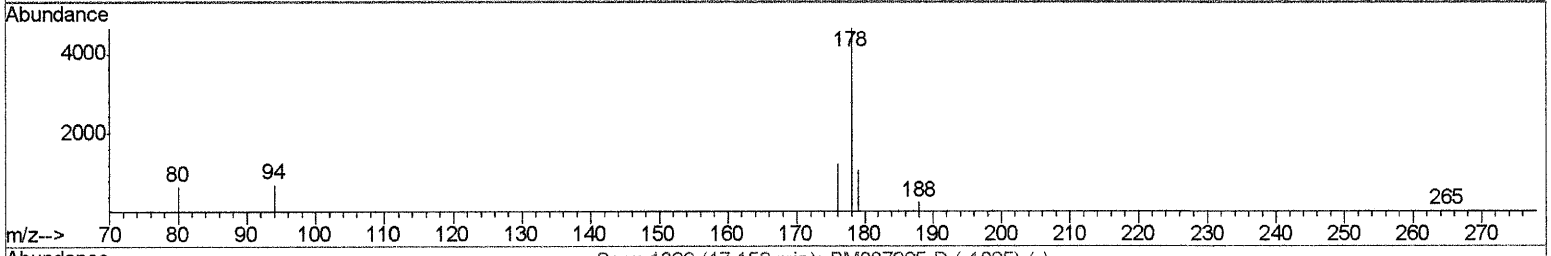
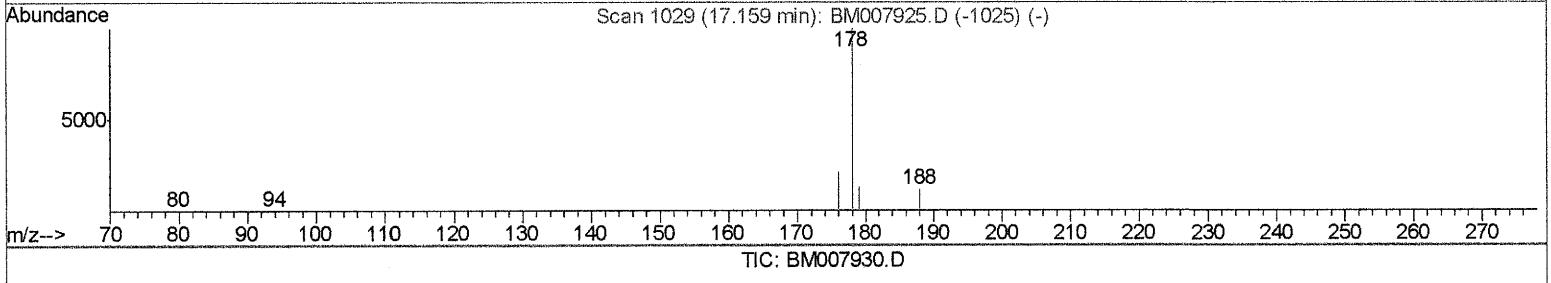
Instrument :
BNA_M
ClientSampleId :
A4WM0

Manual Integrations APPROVED
umangi
11/17/2016 5:55:48 PM







TIC: BM007930.D

(12) Phenanthrene

17.142min (-0.017) 0.65ng/ul m

response 7315

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	25.97
179.00	17.00	23.13#
0.00	0.00	0.00

UM
11/17/16

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
Data File : BM007930.D
Acq On : 16 Nov 2016 20:25
Operator : UM/SJ
Sample : H5622-23
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 17 06:09:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
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QLast Update : Thu Nov 17 04:42:29 2016
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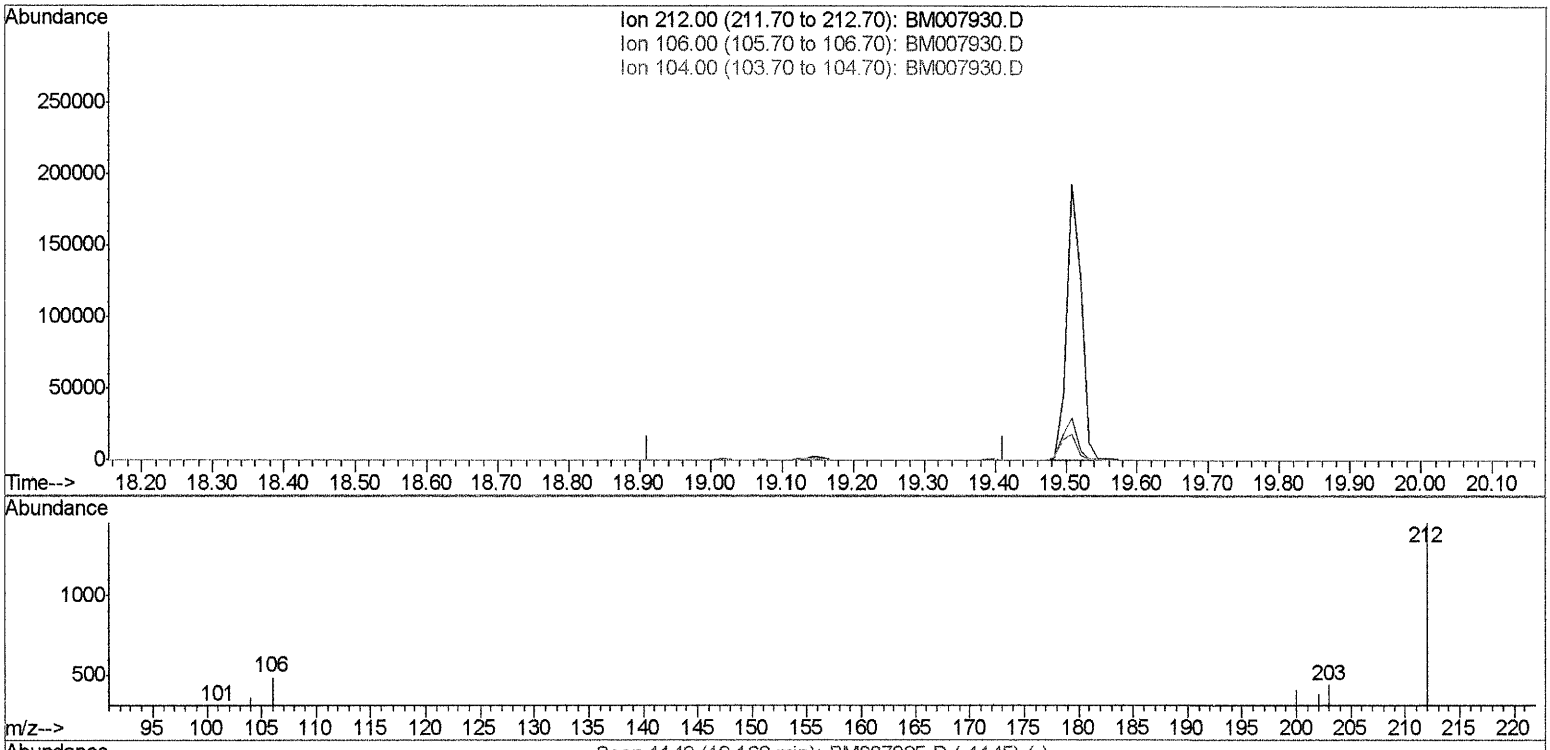
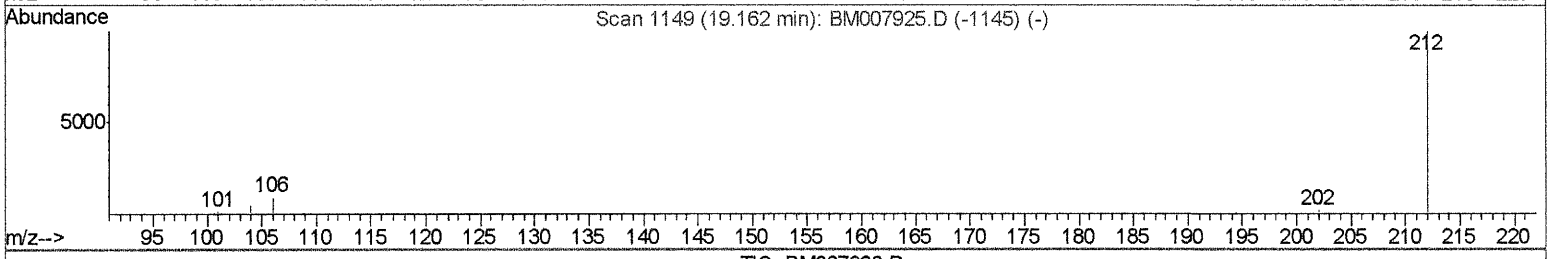
Instrument :
BNA_M
ClientSampleId :
A4WM0

Manual Integrations APPROVED
umangi
11/17/2016 5:55:48 PM





TIC: BM007930.D

(14) Fluoranthene-d10 (SURR)

19.162min (-19.162) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

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Misc :
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Instrument :
BNA_M
ClientSampleId :
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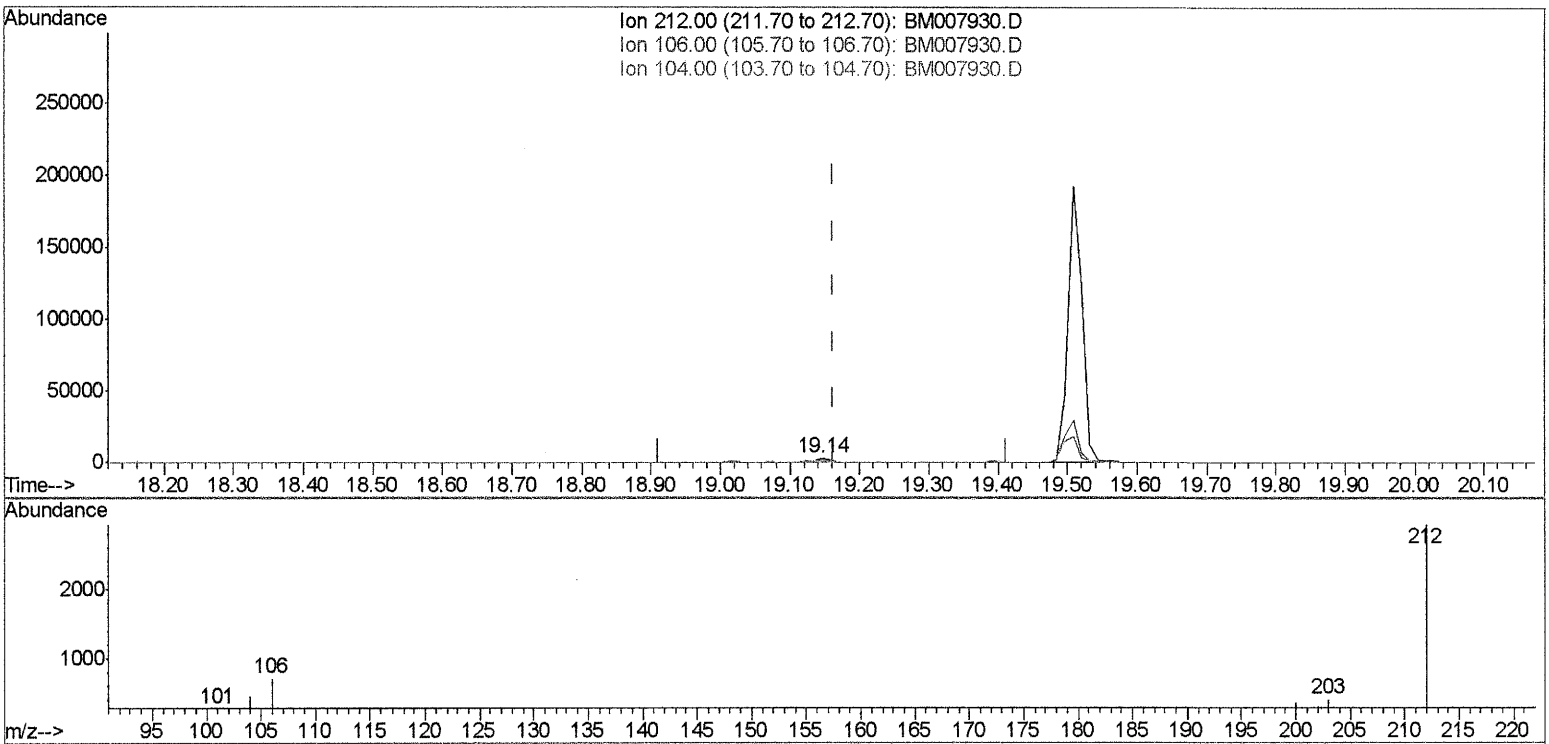
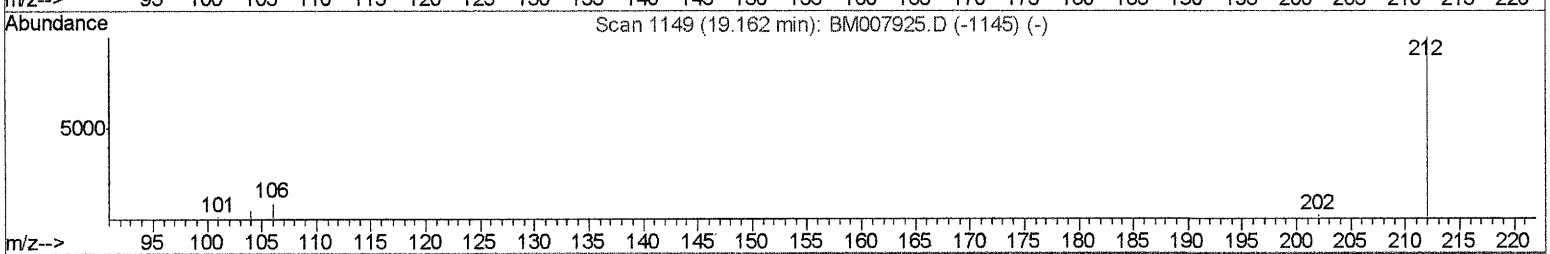
Manual Integrations APPROVED
umangi
11/17/2016 5:55:48 PM





TIC: BM007930.D

(14) Fluoranthene-d10 (SURR)

19.145min (-0.017) 0.39ng/ul m

response 3545

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

UM
11/17/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	933	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.51	136	2987	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.37	164	3781	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	4023m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	3737	0.40	ng/ul	-0.01
20) Perylene-d12	23.55	264	3112m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	1505	0.43	ng/ul	-0.03
14) Fluoranthene-d10	19.14	212	3545m	0.39	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.56	128	27197	3.54	ng/ul	98
5) 2-Methylnaphthalene	12.17	142	11437	2.36	ng/ul	99
8) Acenaphthene	14.42	153	2339	0.17	ng/ul	94
9) Fluorene	15.41	166	5026	0.33	ng/ul#	80
12) Phenanthrene	17.14	178	7315m	0.65	ng/ul	

UM 11/17/16

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