

Quantitation Report (Qedit)

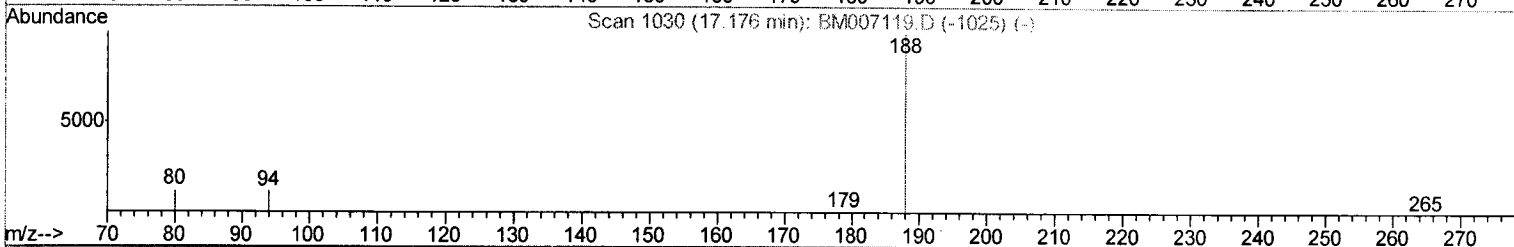
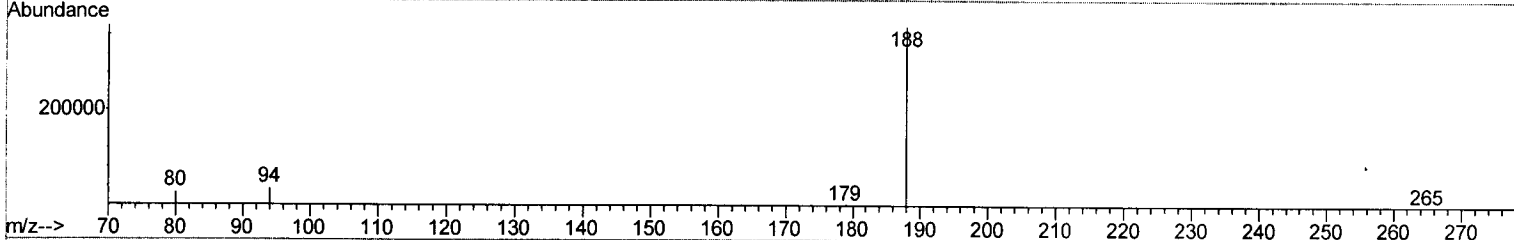
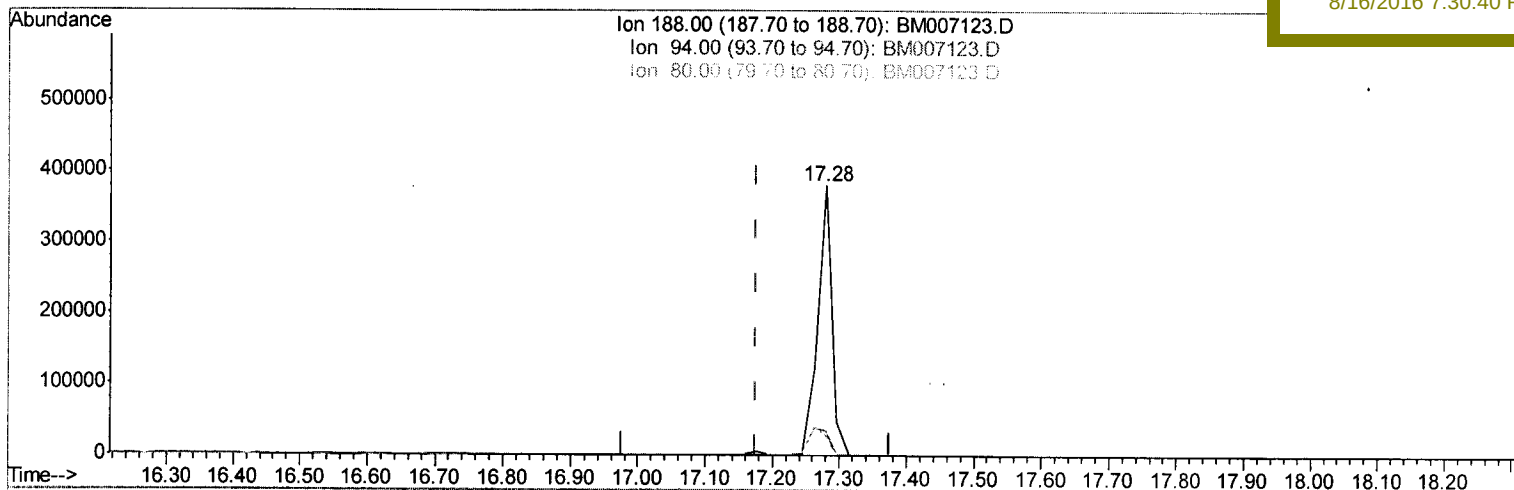
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 16 01:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM



TIC: BM007123.D

(10) Phenanthrene-d10 (I)

17.279min (+0.103) 0.40ng/ul

response 565536

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.18#
80.00	11.90	7.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

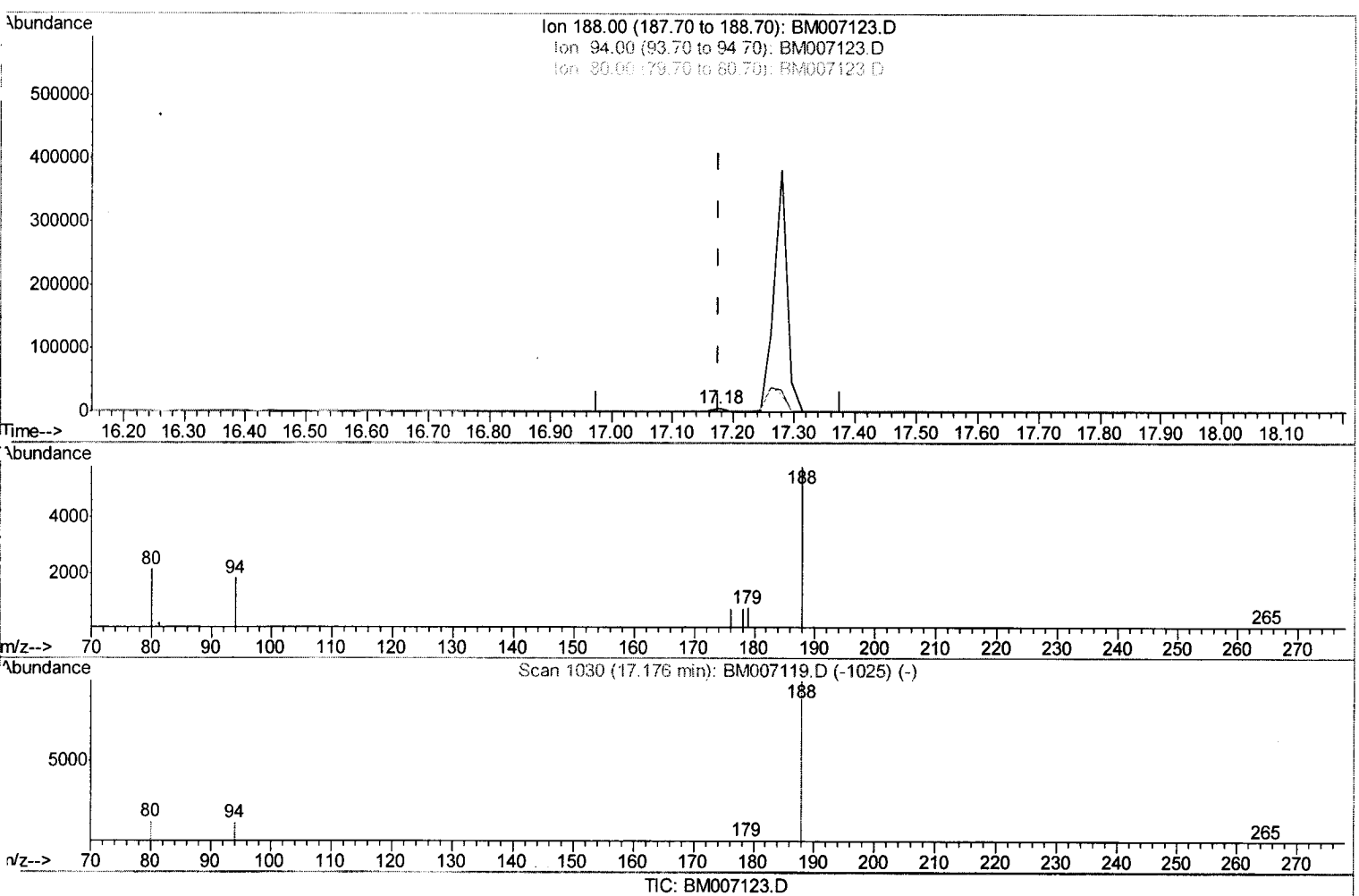
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM

Quant Time: Aug 16 01:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.176min (+0.000) 0.40ng/ul m

response 9576

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	31.39#
80.00	11.90	36.95#
0.00	0.00	0.00

U.M.
 08/16/16

Quantitation Report (Qedit)

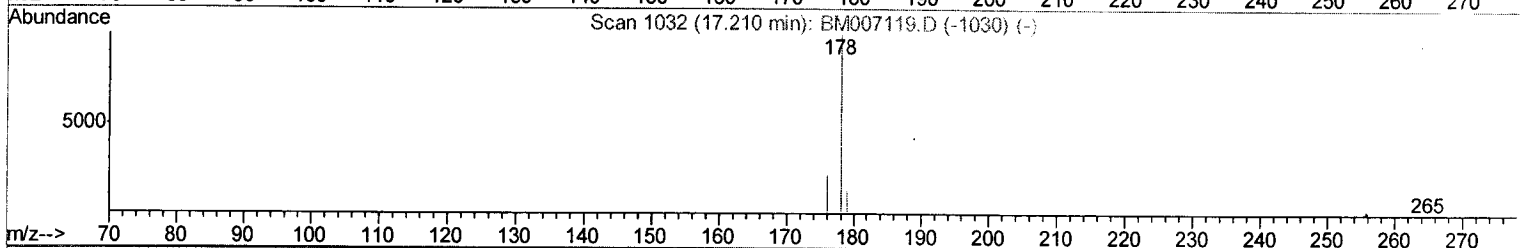
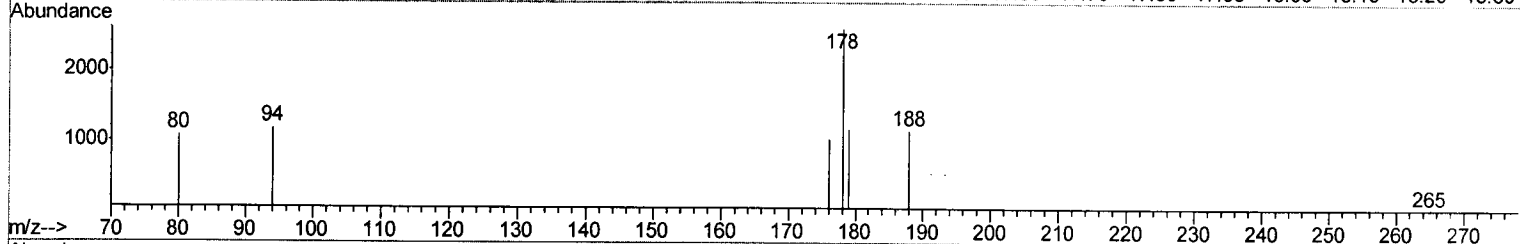
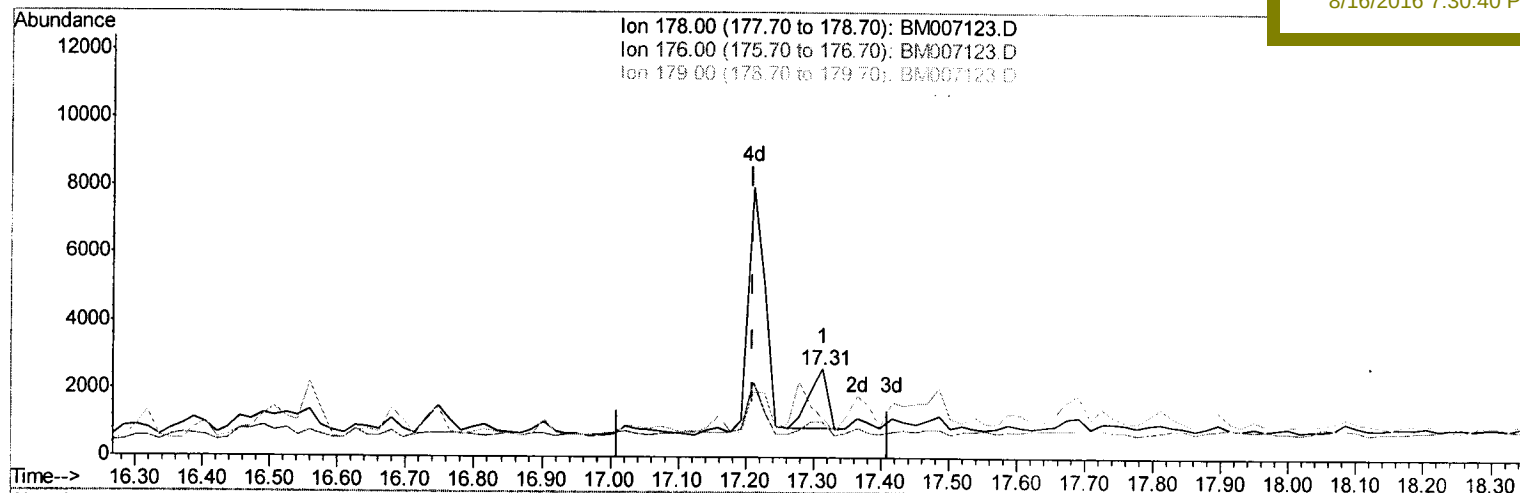
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Quant Time: Aug 16 01:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM



TIC: BM007123.D

(12) Phenanthrene

17.313min (+0.103) 0.12ng/ul

response 3218

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	40.13#
179.00	17.70	44.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

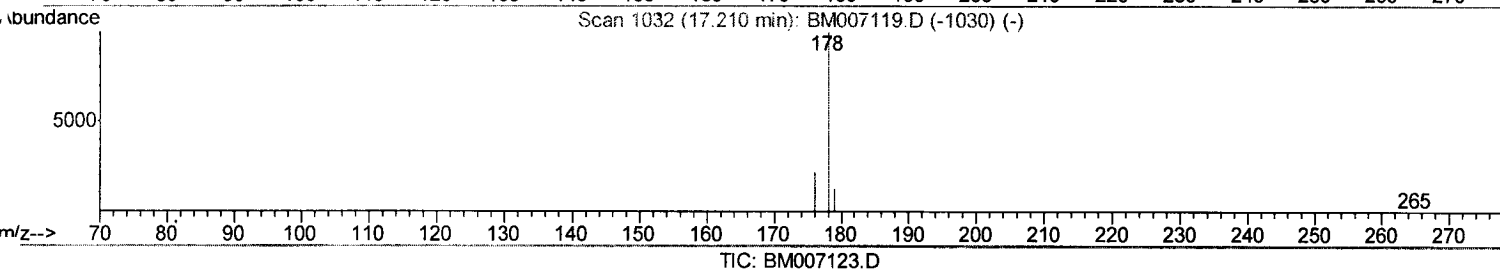
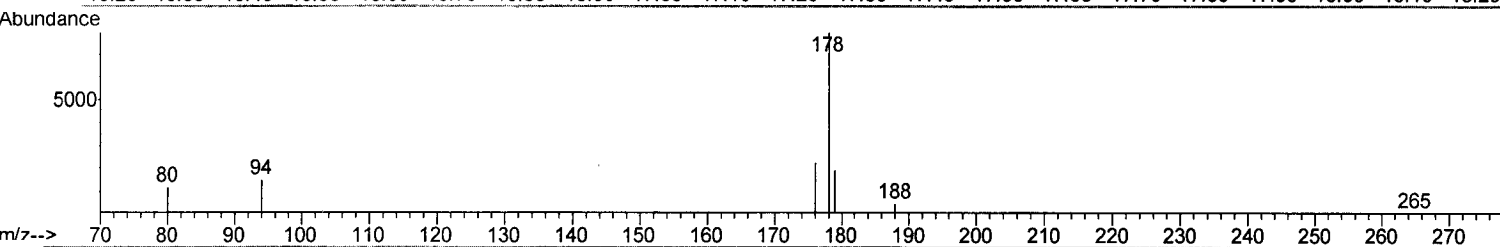
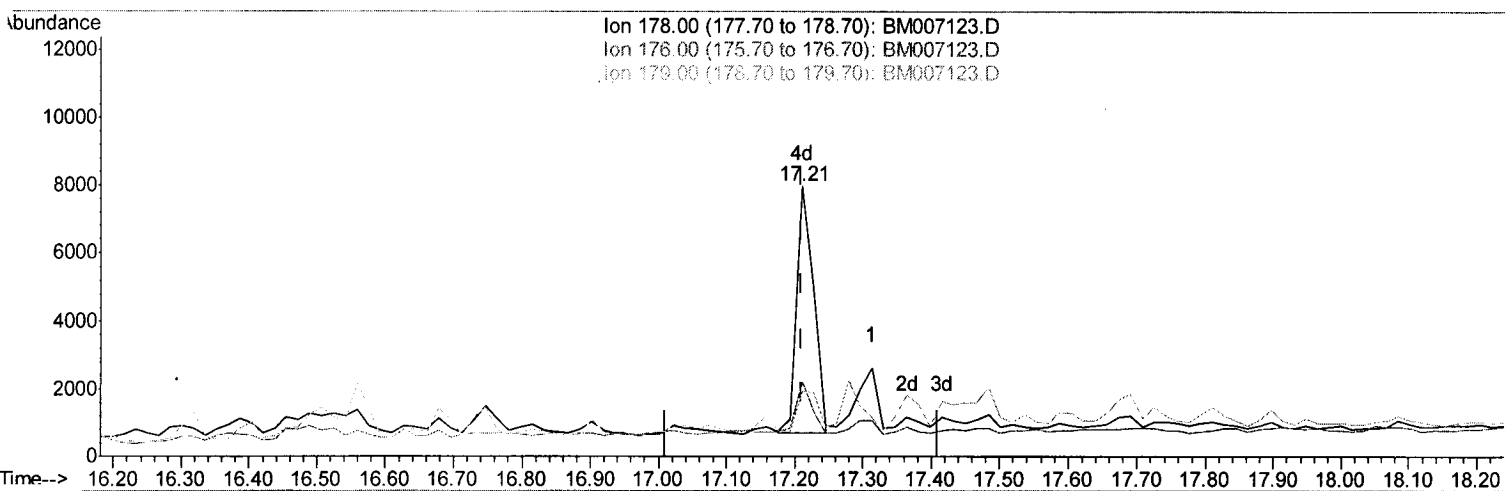
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM

Quant Time: Aug 16 01:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration



TIC: BM007123.D

(12) Phenanthrene

17.211min (+0.000) 0.46ng/ul m

response 12546

Ion Exp% Act%

178.00 100 100

176.00 16.20 27.87#

179.00 17.70 24.03#

0.00 0.00 0.00

U. M.
08/16/16

Quantitation Report (Qedit)

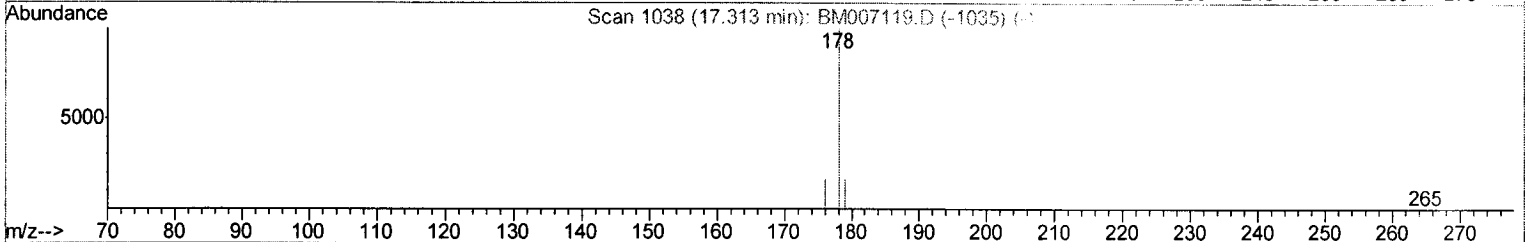
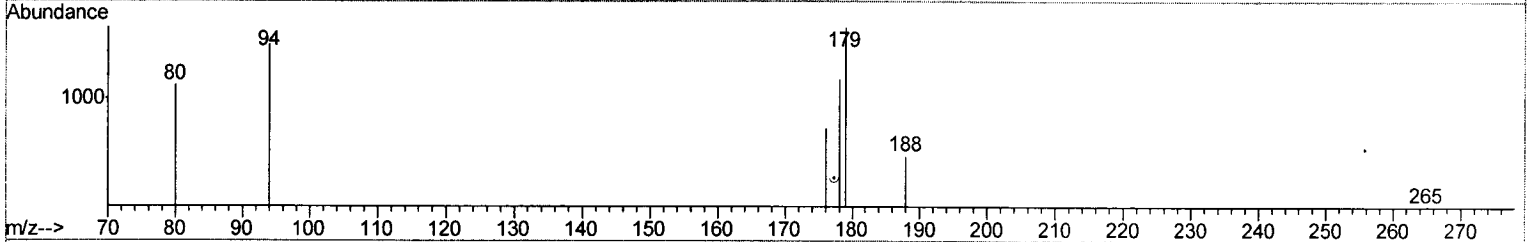
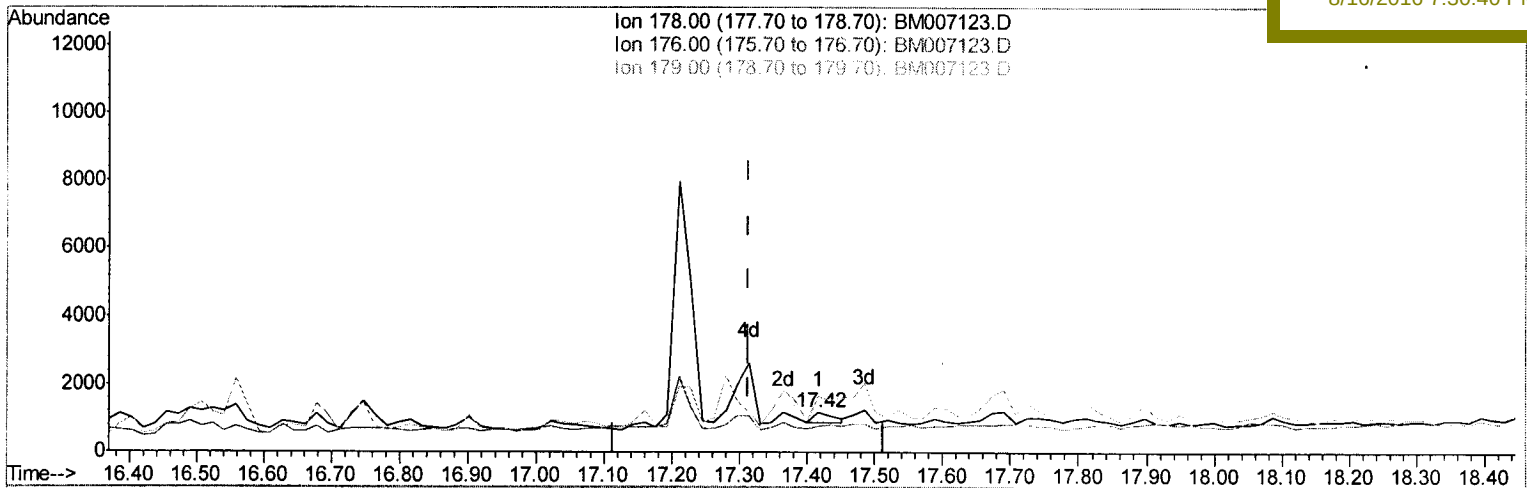
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Quant Time: Aug 16 01:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM



TIC: BM007123.D

(13) Anthracene

17.416min (+0.103) 0.03ng/ul

response 654

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	63.99#
179.00	16.10	137.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

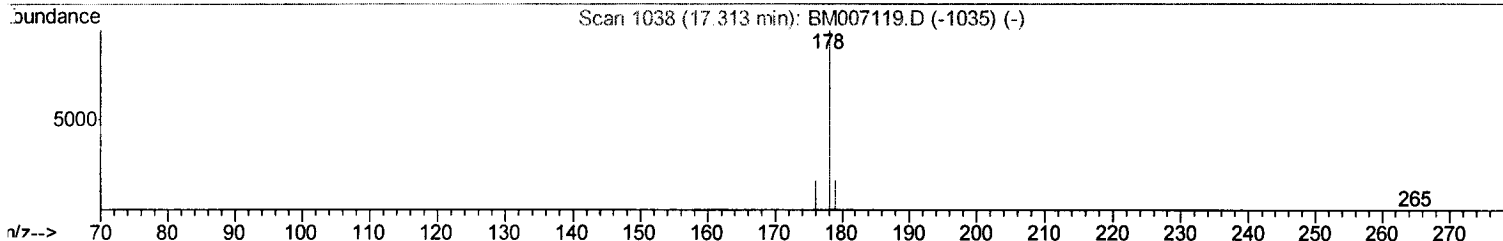
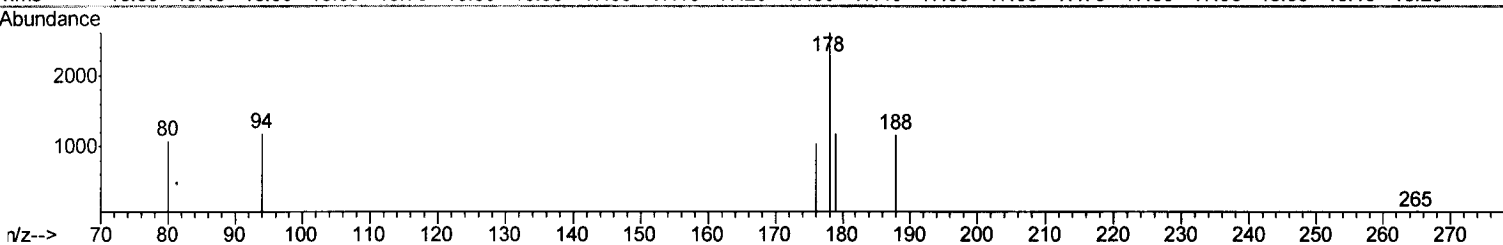
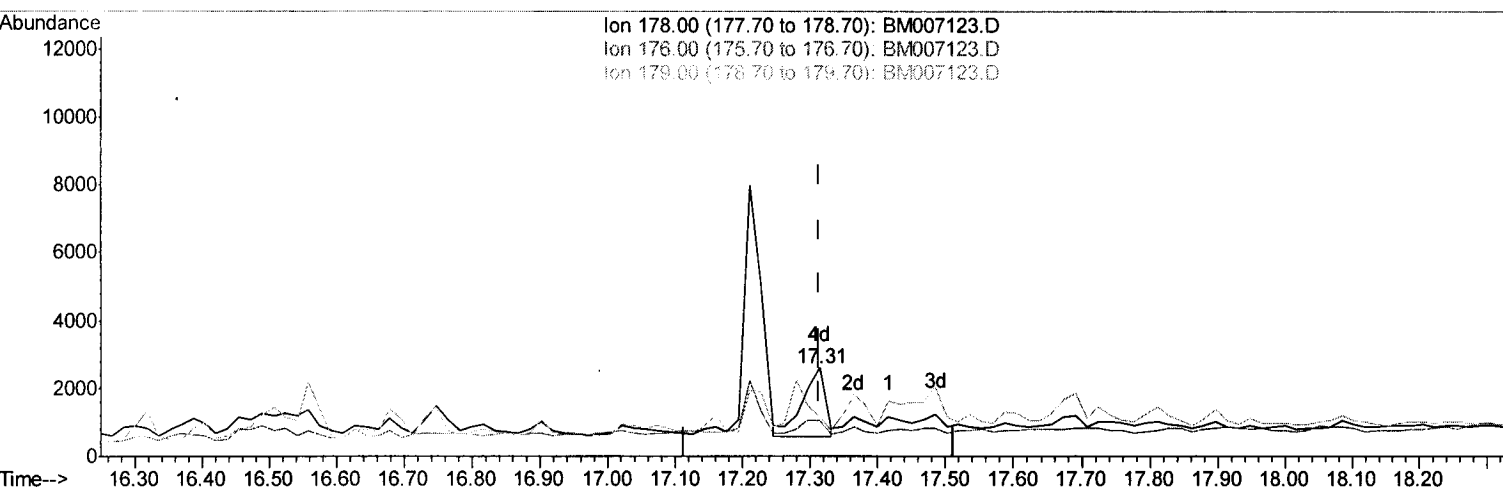
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM

Quant Time: Aug 16 01:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration



TIC: BM007123.D

(13) Anthracene

17.313min (+0.000) 0.18ng/ul m

response 4668

Ion Exp% Act%

178.00 100 100

176.00 17.50 40.13#

179.00 16.10 44.97#

0.00 0.00 0.00

Handwritten:
 08-16-16
 1611 b

Quantitation Report (Qedit)

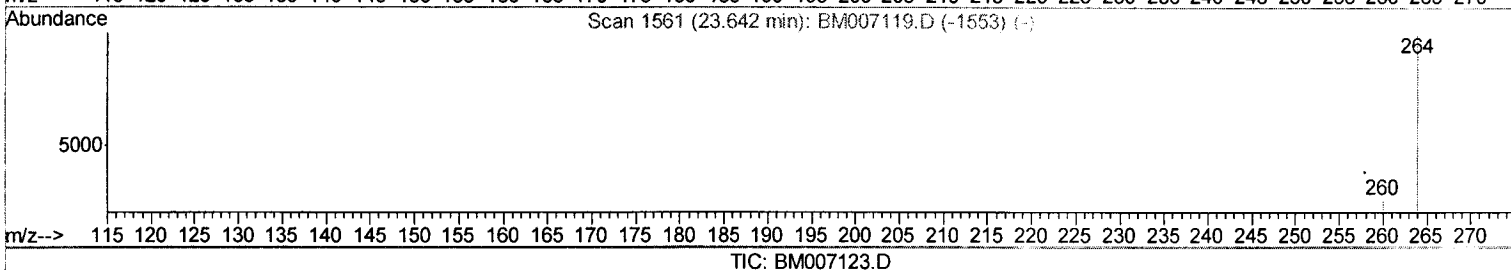
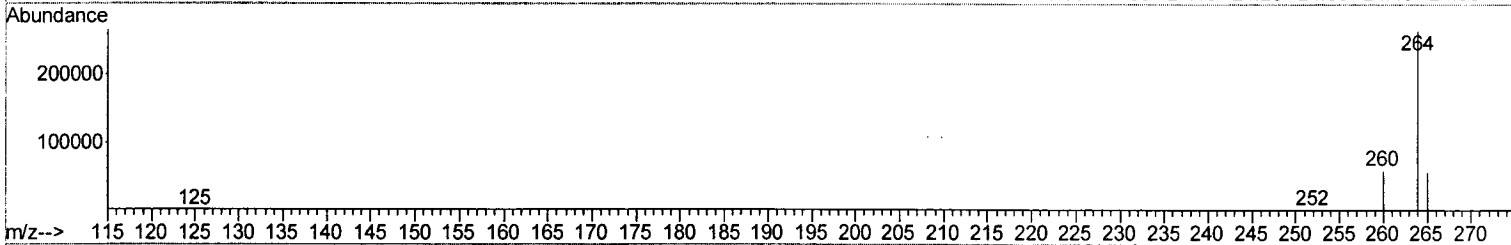
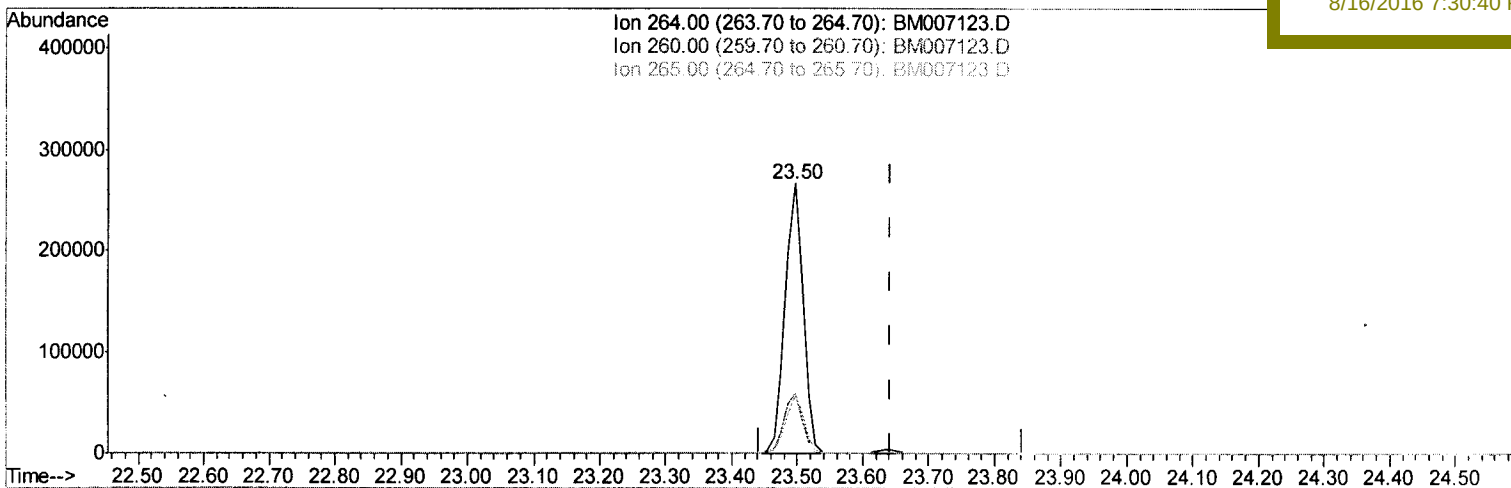
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
Data File : BM007123.D
Acq On : 15 Aug 2016 19:09
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 16 01:55:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 01:54:24 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4V17

Manual Integrations
APPROVED

umangi
8/16/2016 7:30:40 PM



TIC: BM007123.D

(20) Perylene-d12 (I)

23.496min (-0.146) 0.40ng/ul

response 500686

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.13
265.00	38.20	21.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

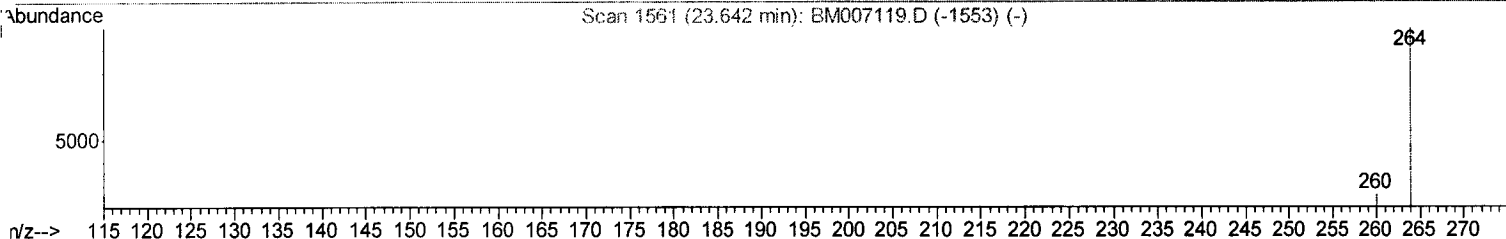
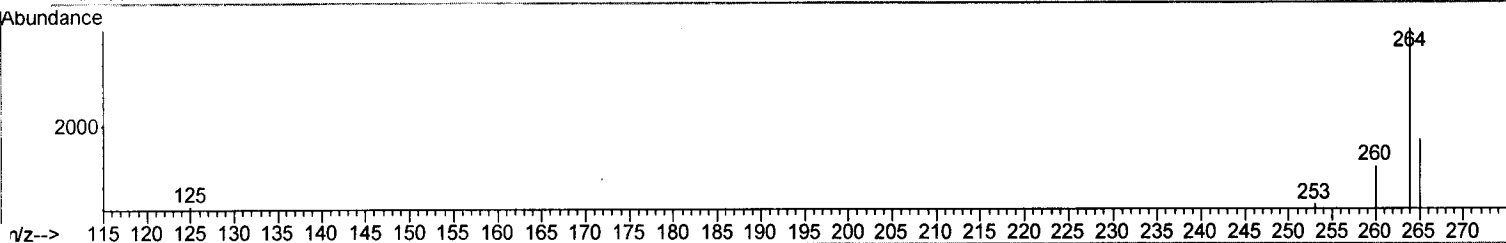
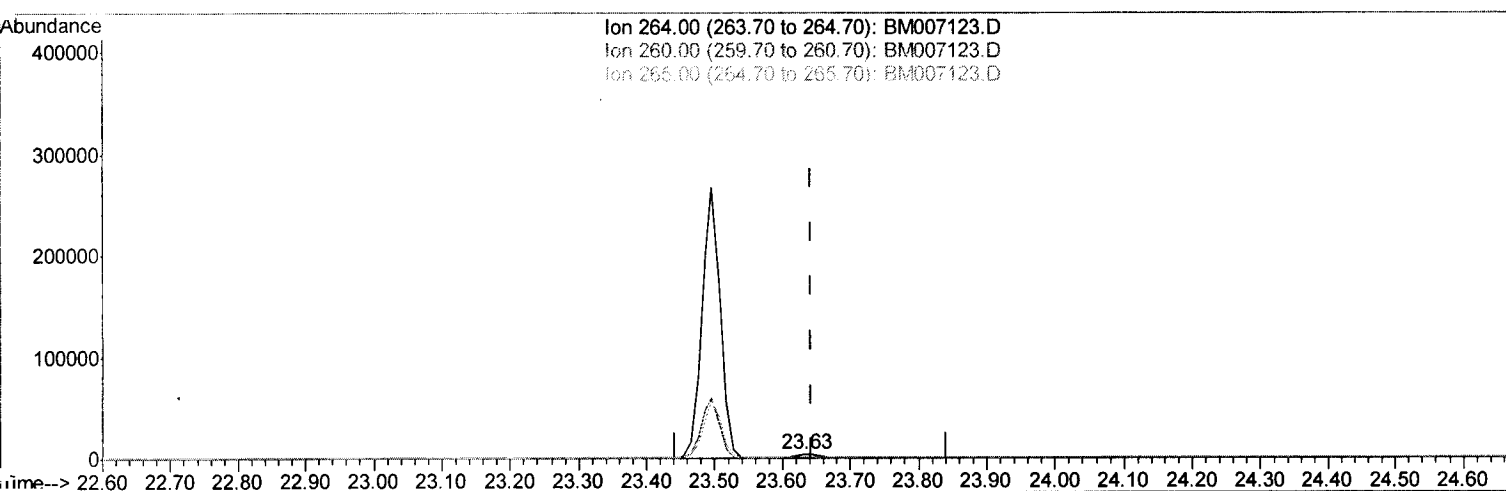
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM

Quant Time: Aug 16 01:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration



TIC: BM007123.D

(20) Perylene-d12 (I)

23.632min (-0.010) 0.40ng/ul m

response 7950

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	30.60
265.00	38.20	44.44
0.00	0.00	0.00

U.A.
08/16/16

Quantitation Report (Qedit)

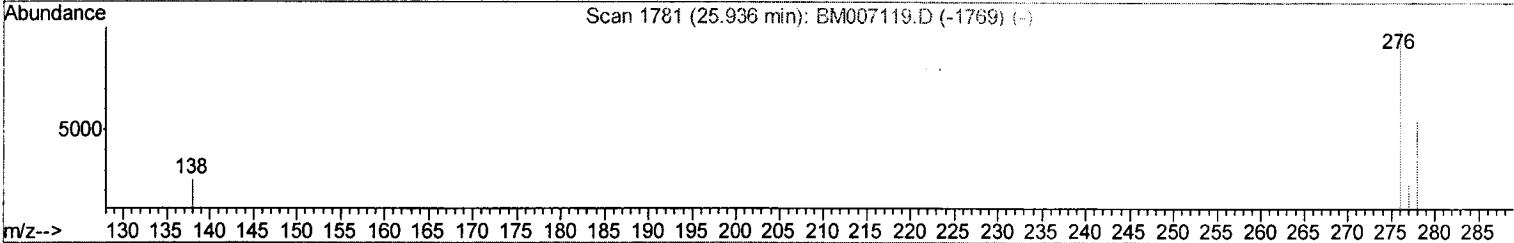
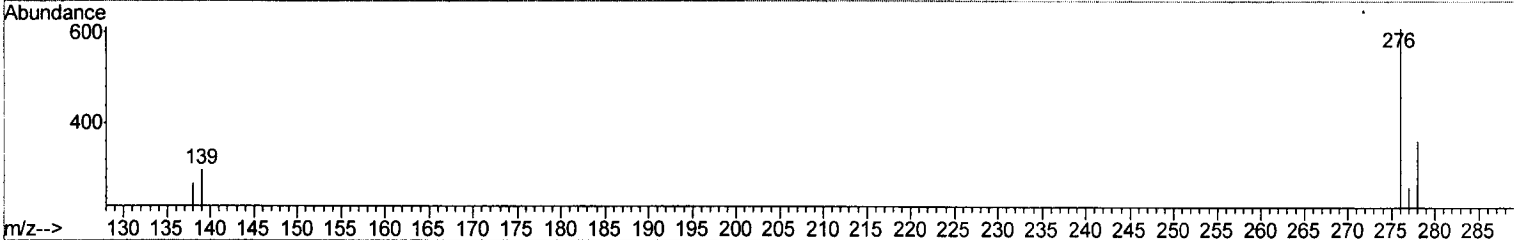
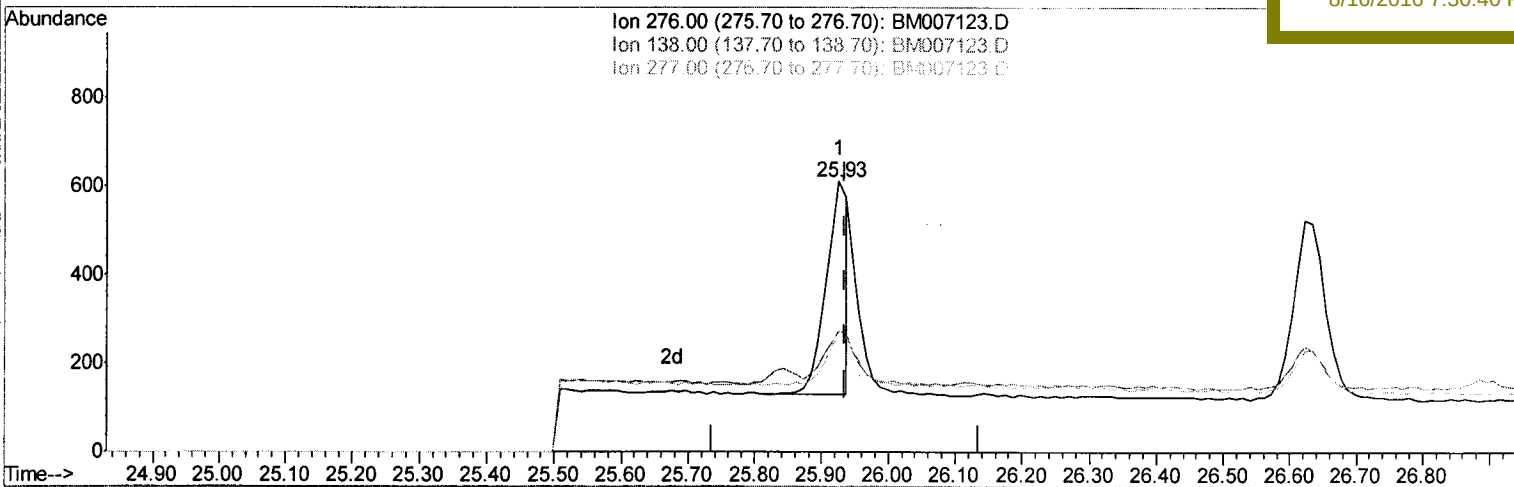
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Quant Time: Aug 16 01:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM



TIC: BM007123.D

(24) Indeno(1,2,3-cd)pyrene

25.925min (-0.010) 0.03ng/ul

response 1063

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	23.05
277.00	24.80	23.33
0.00	0.00	0.00

Quantitation Report (Qedit)

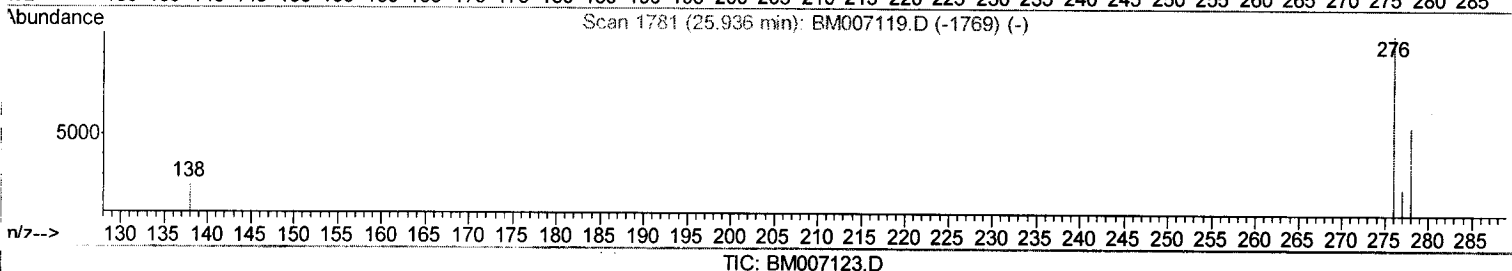
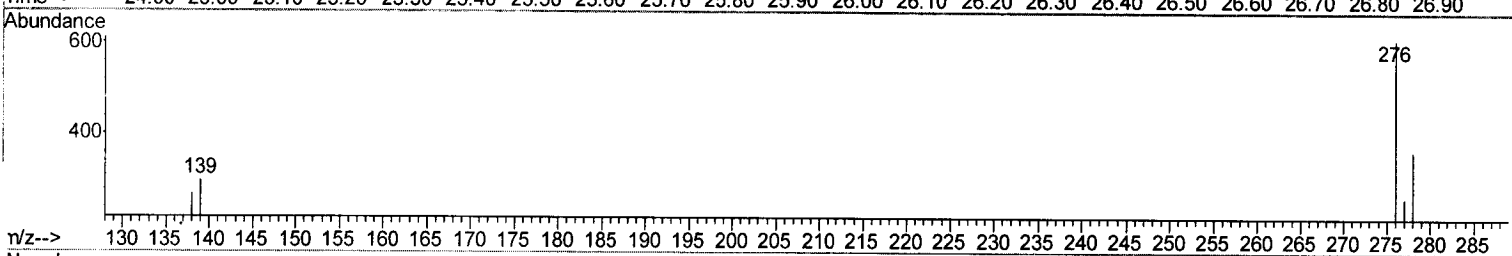
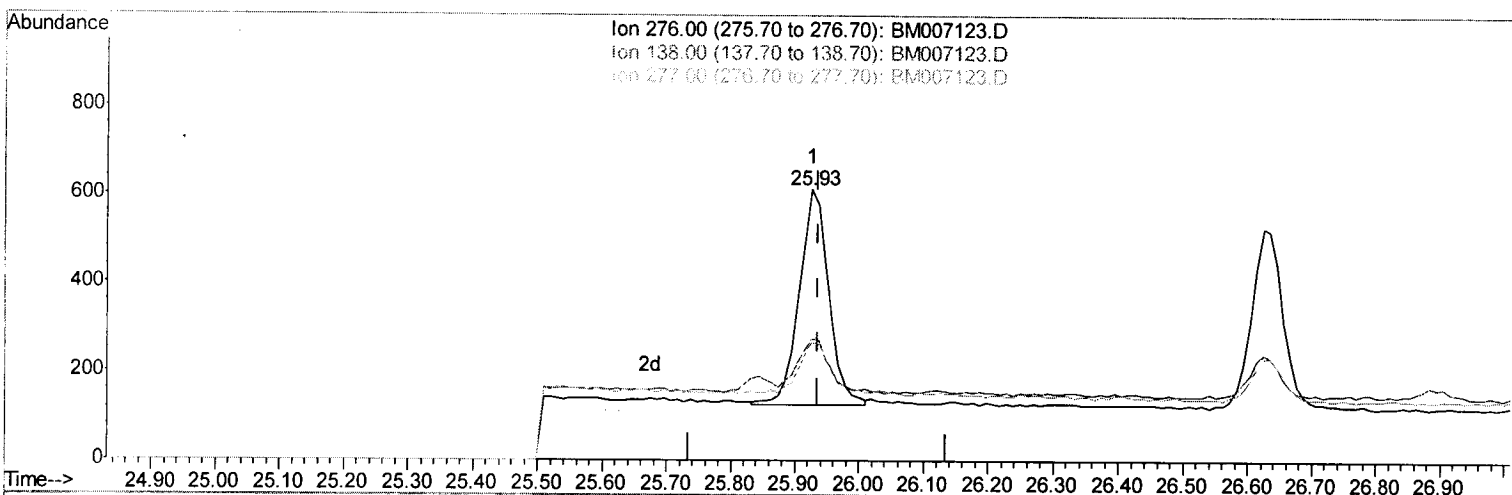
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM

Quant Time: Aug 16 01:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

25.925min (-0.010) 0.05ng/ul m

response 1522

Ion Exp% Act%

276.00 100 100

138.00 20.40 16.10#

277.00 24.80 16.29#

0.00 0.00 0.00

U.A.
 08-16-16

Quantitation Report (QT Reviewed)

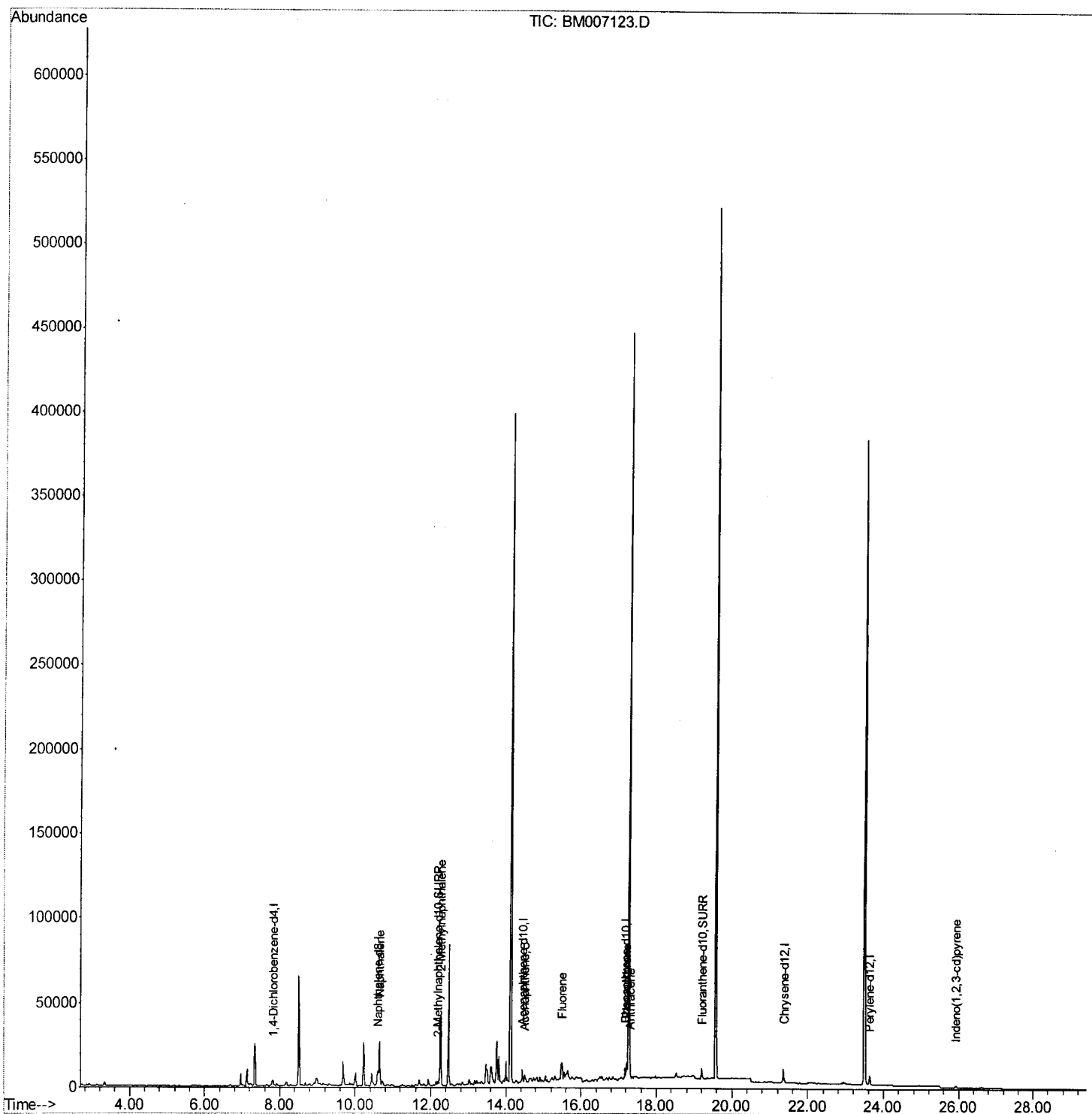
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM

Quant Time: Aug 16 03:14:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007123.D
 Acq On : 15 Aug 2016 19:09
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4V17

Quant Time: Aug 16 03:14:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 8/16/2016 7:30:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2024	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	7253	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	5658	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.18	188	9576m	0.40	ng/ul	0.00
16) Chrysene-d12	21.36	240	7962	0.40	ng/ul	-0.01
20) Perylene-d12	23.63	264	7950m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.18	152	3406	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.21	212	7097	0.33	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.65	128	35470	1.95	ng/ul	95
5) 2-Methylnaphthalene	12.26	142	33162	2.71	ng/ul	99
8) Acenaphthene	14.49	153	5160	0.26	ng/ul#	72
9) Fluorene	15.50	166	10728	0.48	ng/ul#	96
12) Phenanthrene	17.21	178	12546m	0.46	ng/ul	
13) Anthracene	17.31	178	4668m	0.18	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.93	276	1522m	0.05	ng/ul	

U.A.
 08/16/16

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