

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006293.D
 Acq On : 06 Jul 2016 21:27
 Operator : UM/SJ
 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

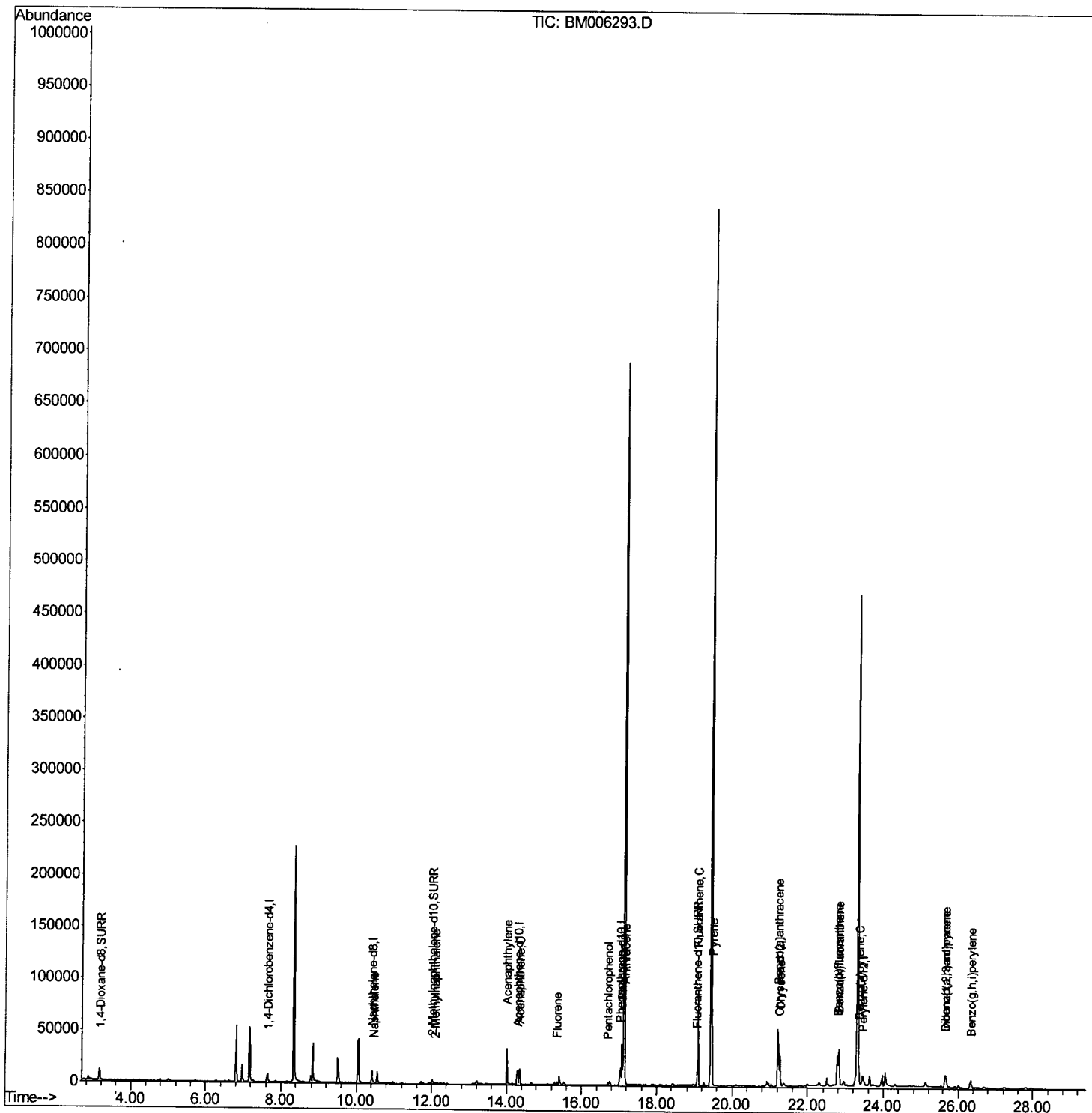
Instrument :
 BNA_M
 ClientSampleId :
 A4TV6MS

Manual Integration

Quant Time: Jul 07 11:15:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 05:51:09 2016
 Response via : Initial Calibration

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Quantitation Report (Qedit)

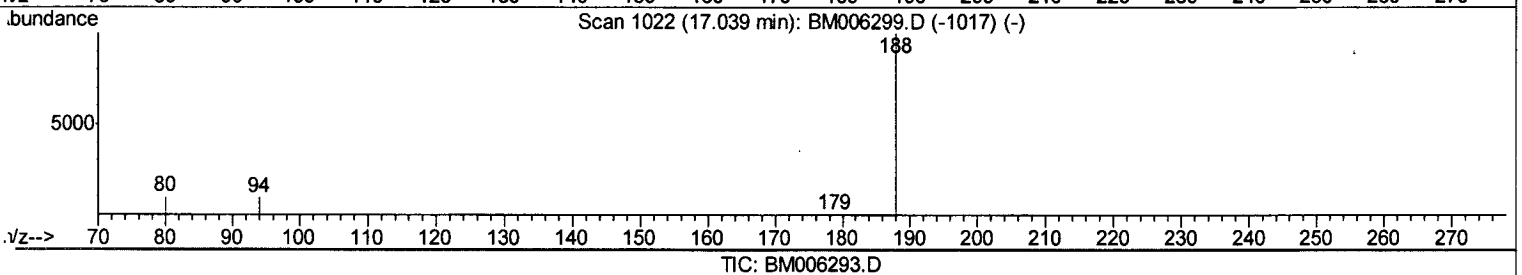
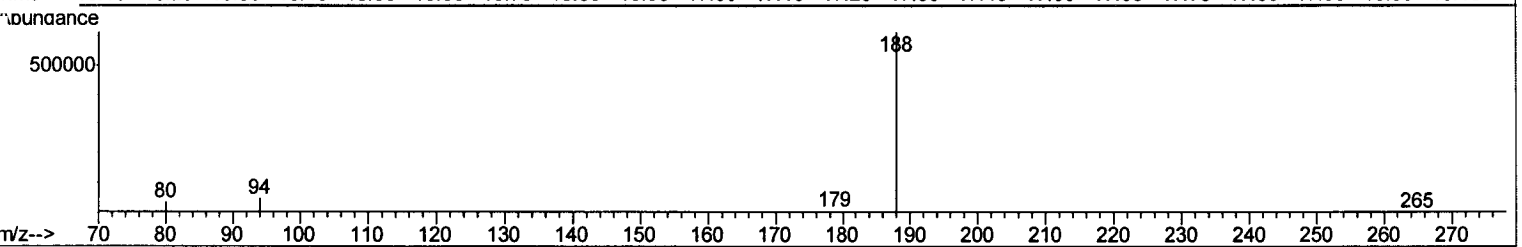
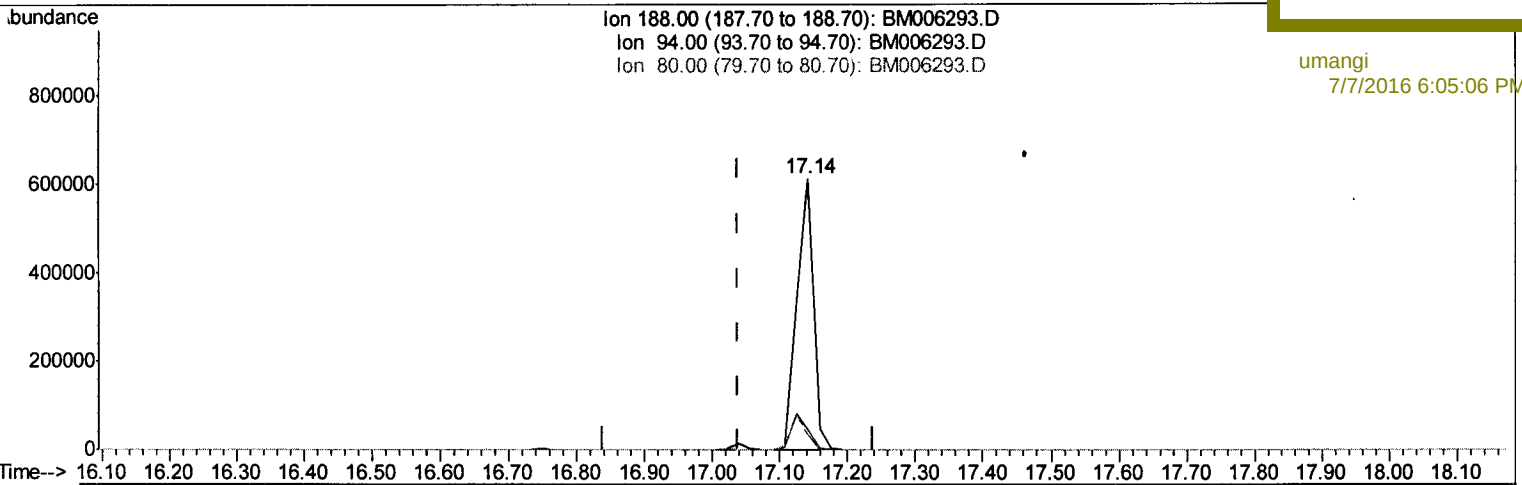
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006293.D
Acq On : 06 Jul 2016 21:27
Operator : UM/SJ
Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integration

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TIC: BM006293.D

(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 1037487

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.23#
80.00	11.90	5.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Acq On : 06 Jul 2016 21:27
 Operator : UM/SJ
 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

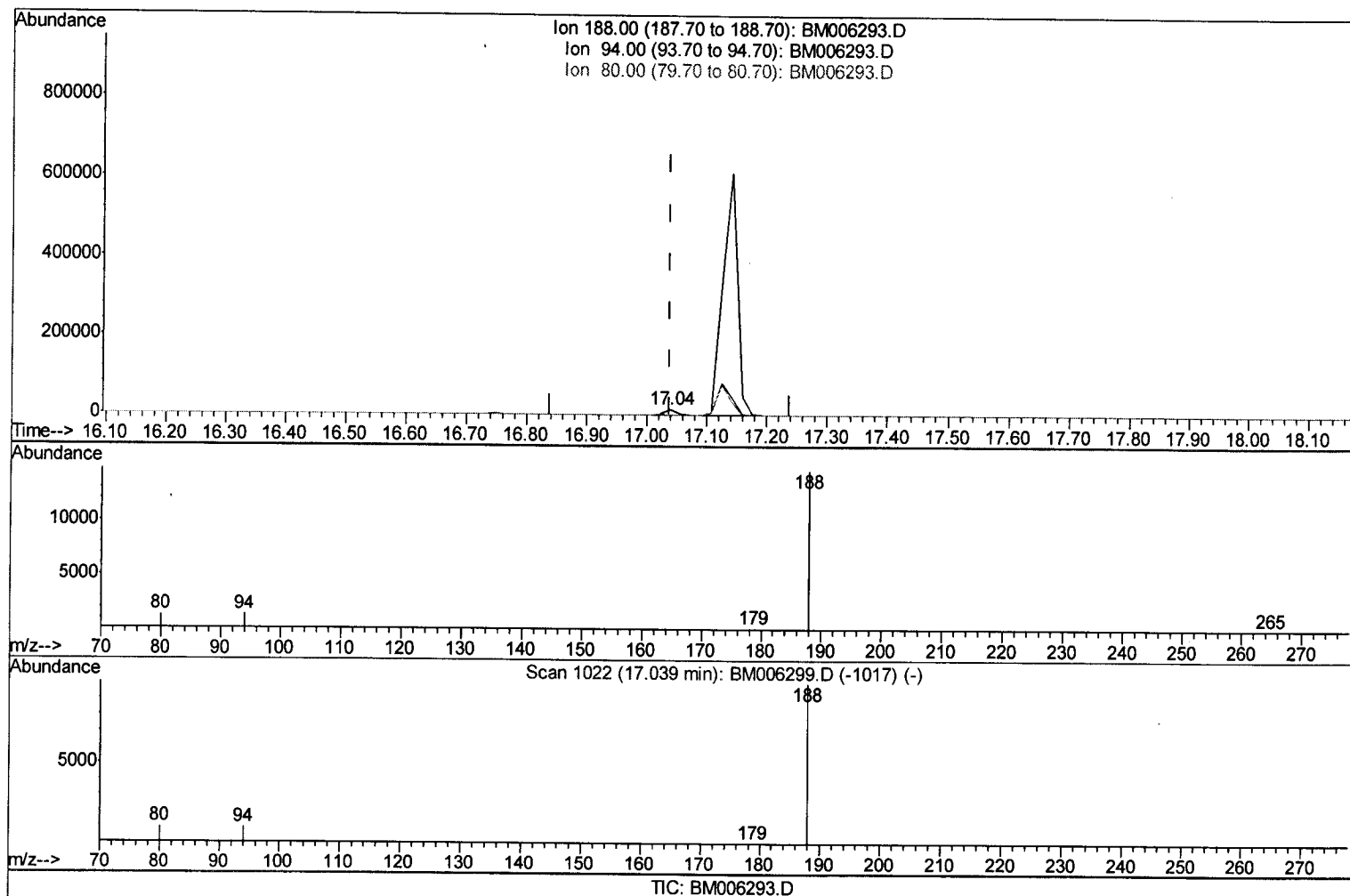
Instrument :
 BNA_M
 ClientSampleId :
 A4TV6MS

Manual Integration

Quant Time: Jul 07 11:11:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM006293.D

(12) Phenanthrene-d10 (I)

17.039min (+0.000) 0.40ng/ul m

response 21853

U.M
 07/11/16

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.23#
80.00	11.90	8.90#
0.00	0.00	0.00

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Acq On : 06 Jul 2016 21:27
Operator : UM/SJ
Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

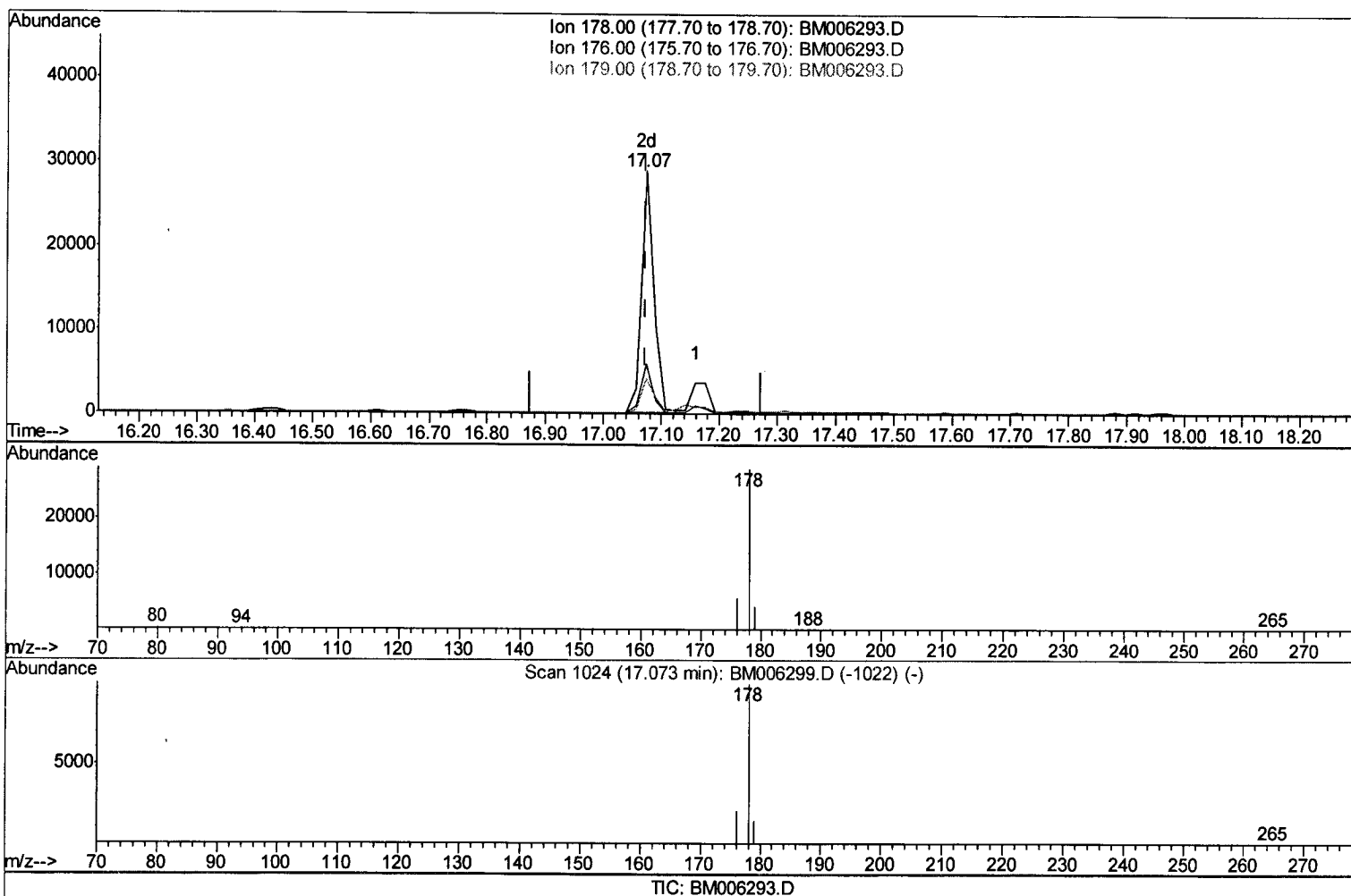
Instrument :
BNA_M
Client Sample ID :
A4TV6MS

Manual Integration

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Quant Time: Jul 07 11:12:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
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(14) Phenanthrene

17.073min (+0.000) 0.73ng/ul m

U.M
07/11/16

response 43957

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.36#
179.00	17.70	14.78
0.00	0.00	0.00

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Data File : BM006293.D
Acq On : 06 Jul 2016 21:27
Operator : UM/SJ
Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

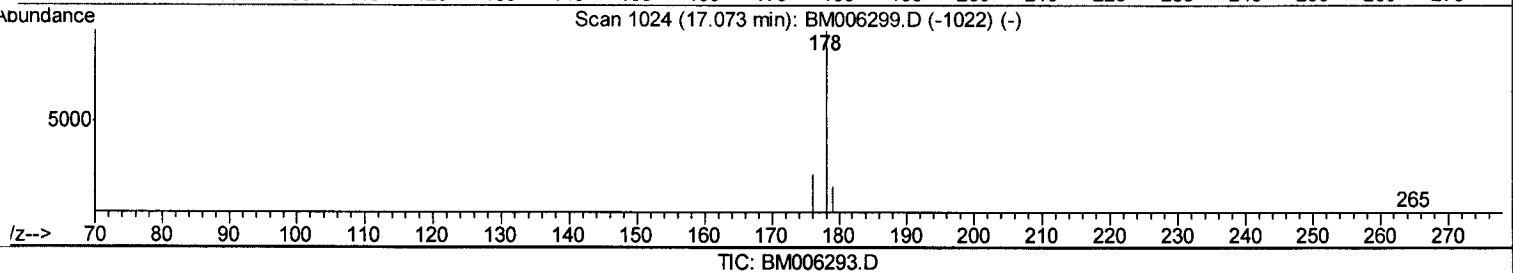
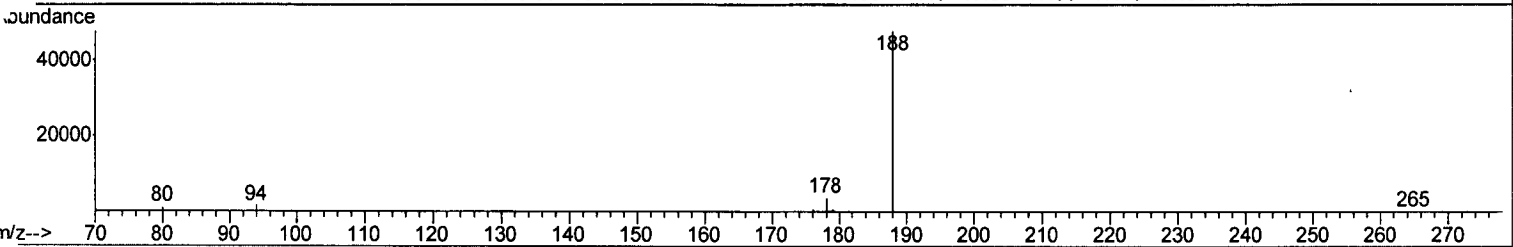
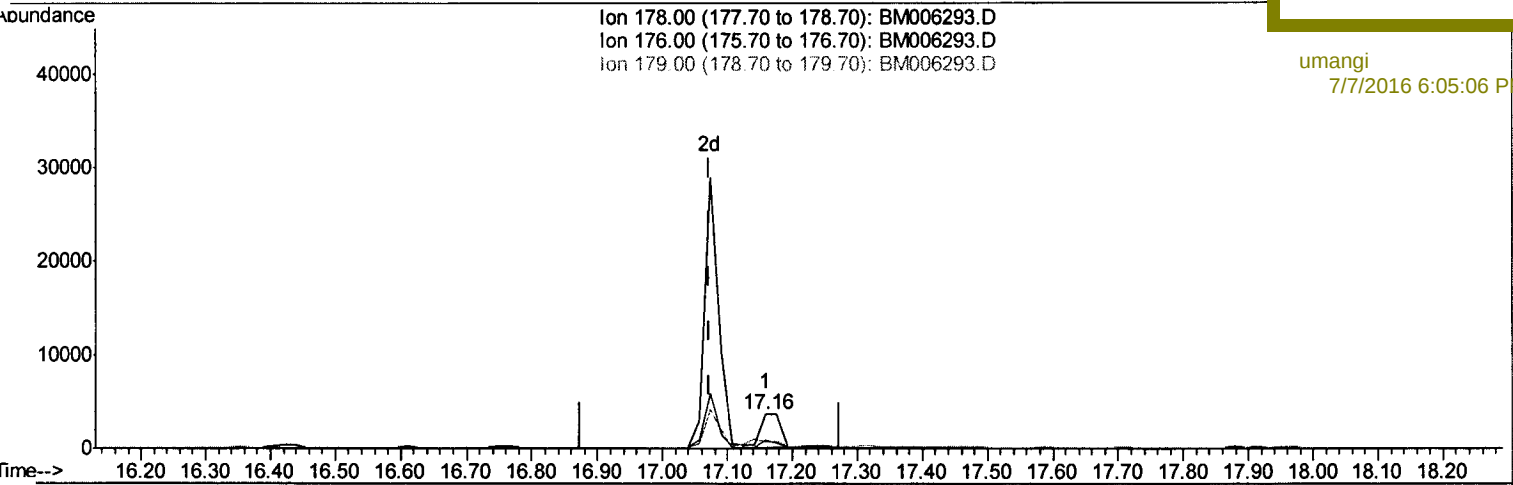
Instrument :
BNA_M
ClientSampleId :
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(14) Phenanthrene

17.159min (+0.086) 0.13ng/ul

response 8021

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	23.52#
179.00	17.70	19.69
0.00	0.00	0.00

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 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

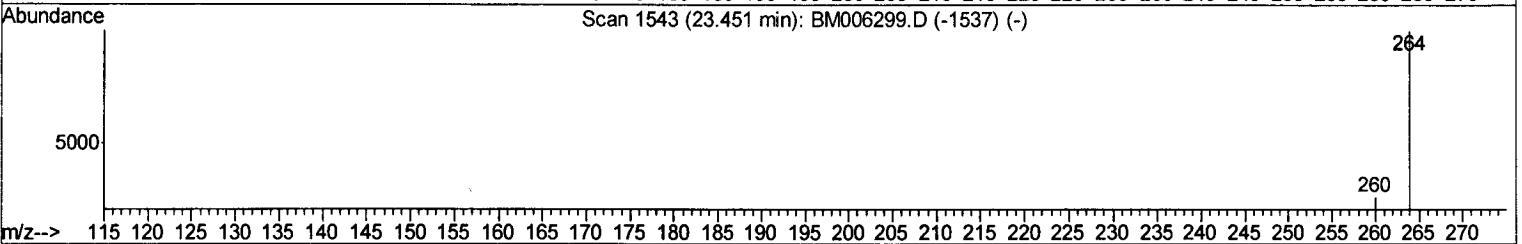
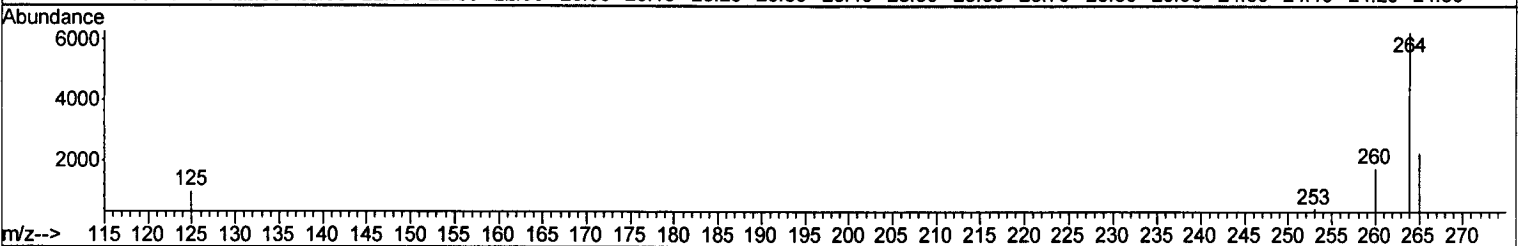
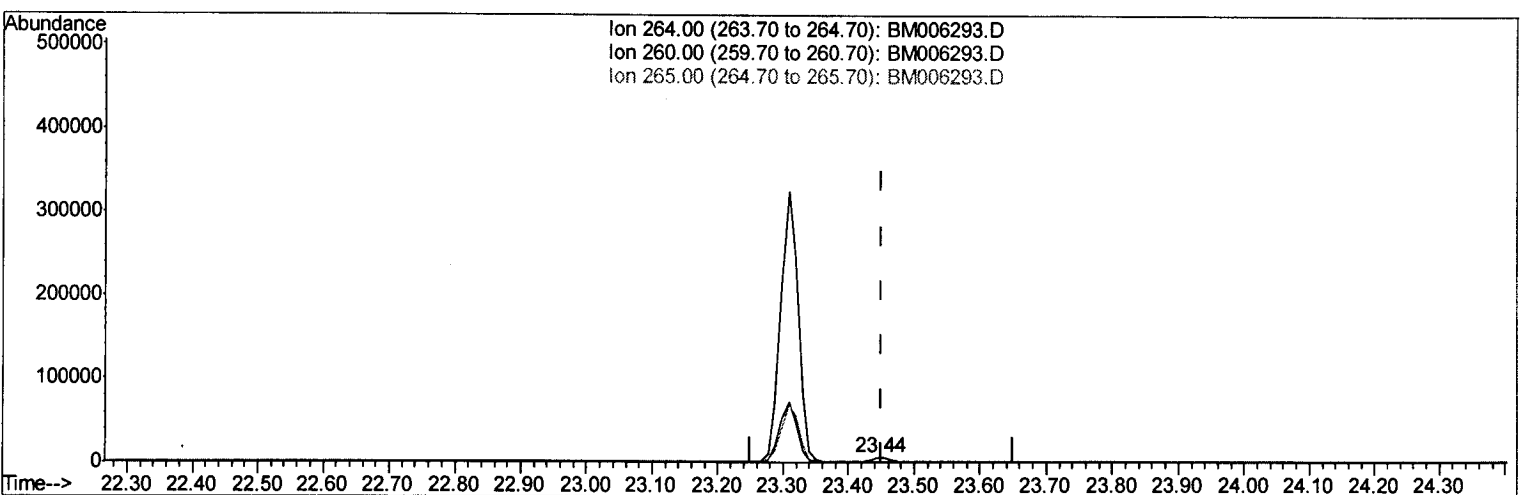
Instrument :
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TIC: BM006293.D

(22) Perylene-d12 (I)

23.444min (-0.007) 0.40ng/ul m U,M

response 10821

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	28.23
265.00	38.20	36.23
0.00	0.00	0.00

07/11/16

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 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

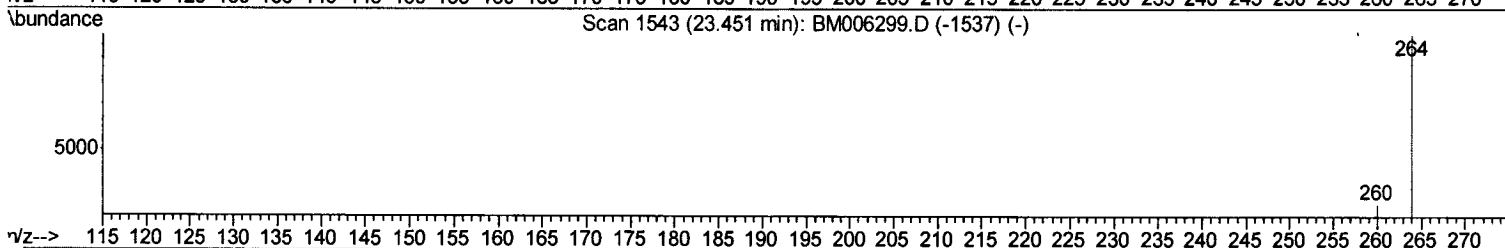
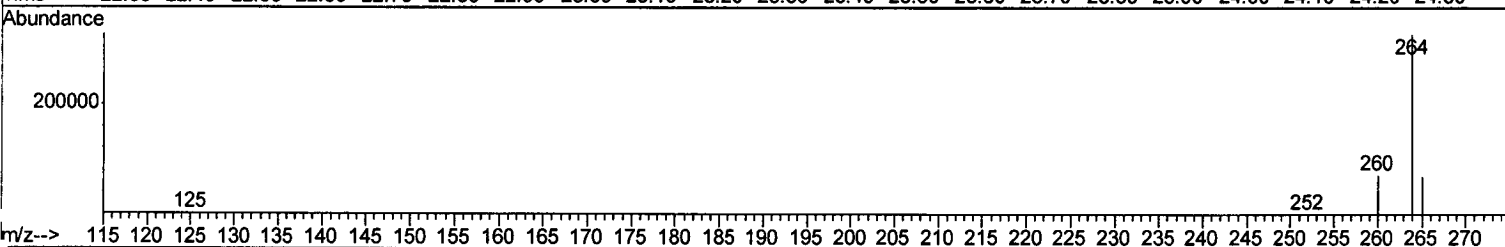
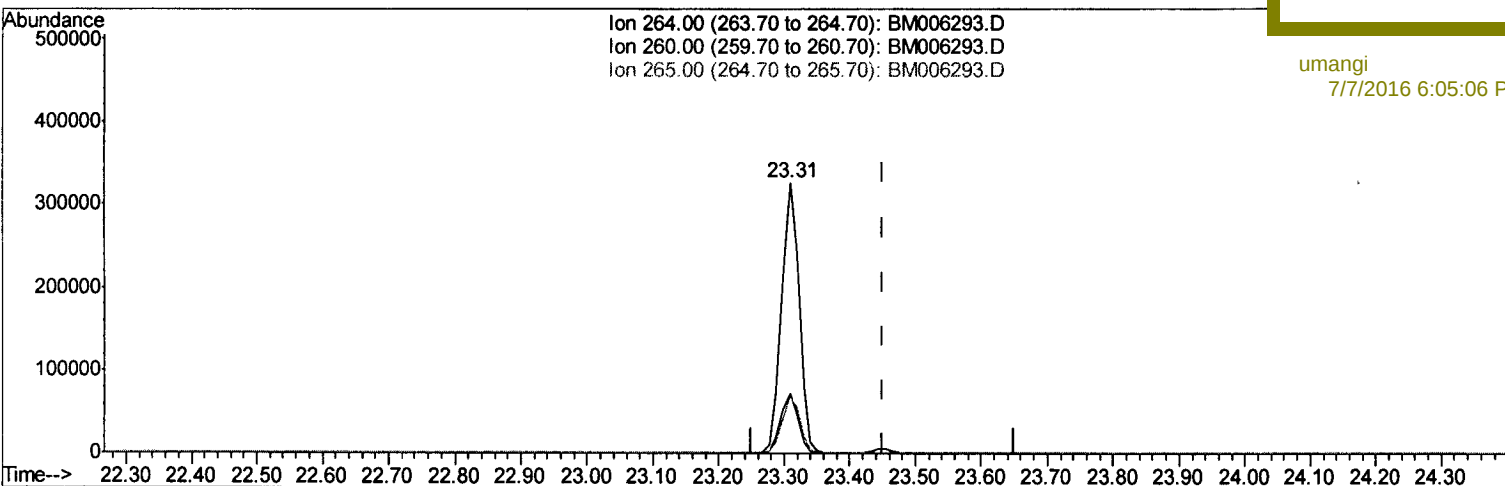
Instrument :
 BNA_M
 ClientSampleId :
 A4TV6MS

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TIC: BM006293.D

(22) Perylene-d12 (I)

23.309min (-0.143) 0.40ng/ul

response 599532

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.38
265.00	38.20	21.23#
0.00	0.00	0.00

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 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

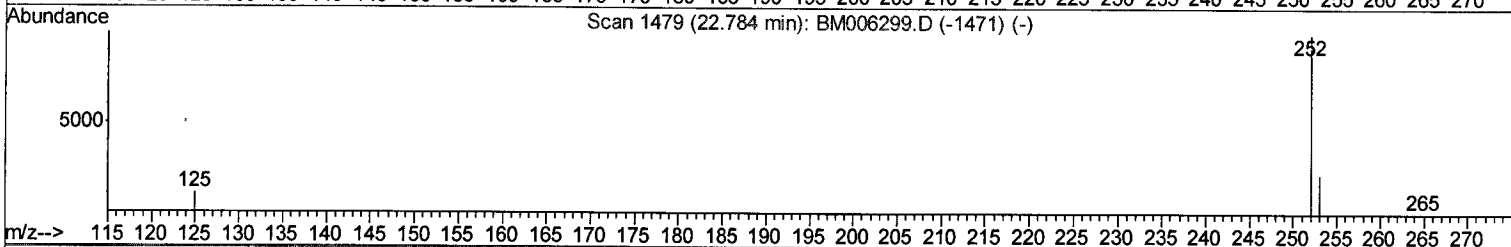
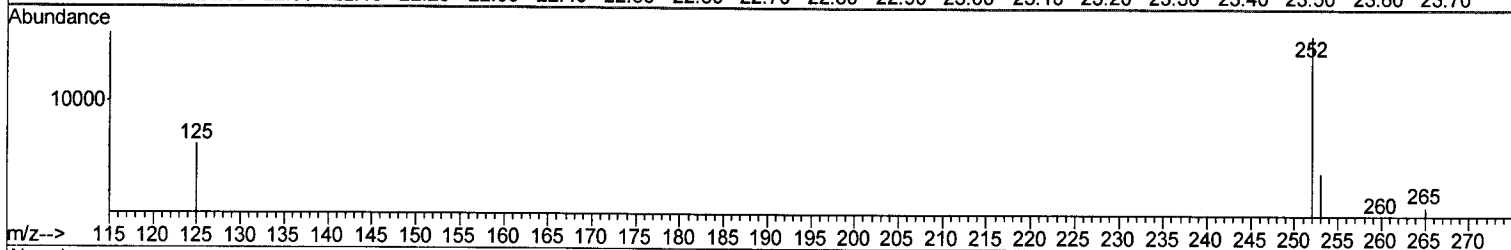
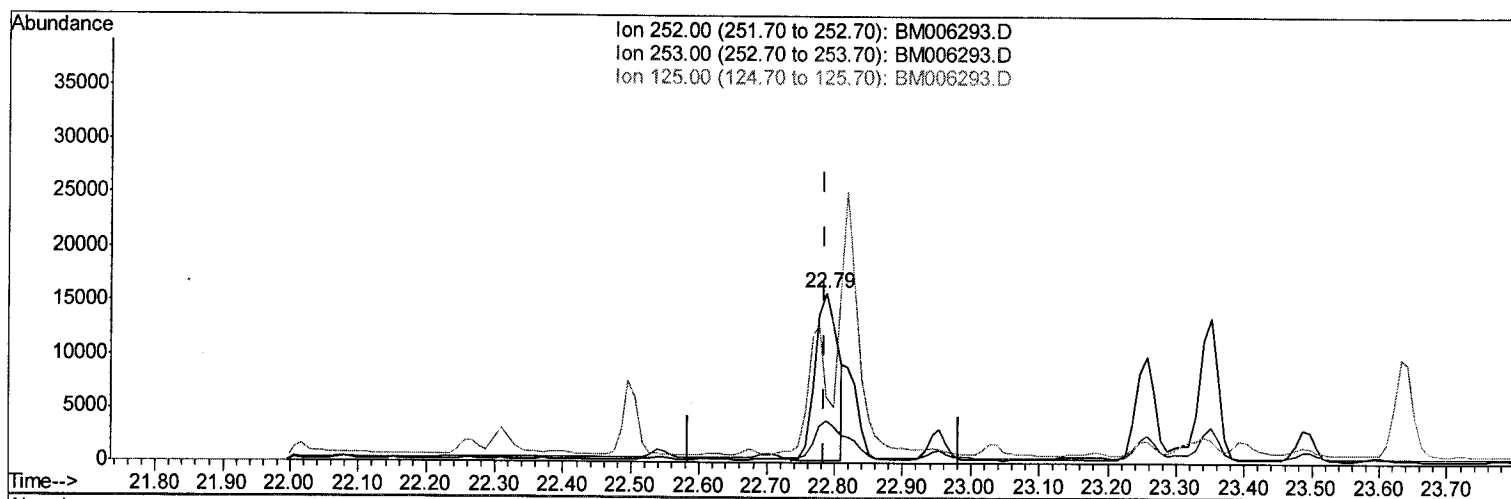
Instrument :
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(23) Benzo(b)fluoranthene

22.787min (+0.003) 0.95ng/ul m *U.M*
07/11/16

response 36628

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.72
125.00	14.40	38.63#
0.00	0.00	0.00

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Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

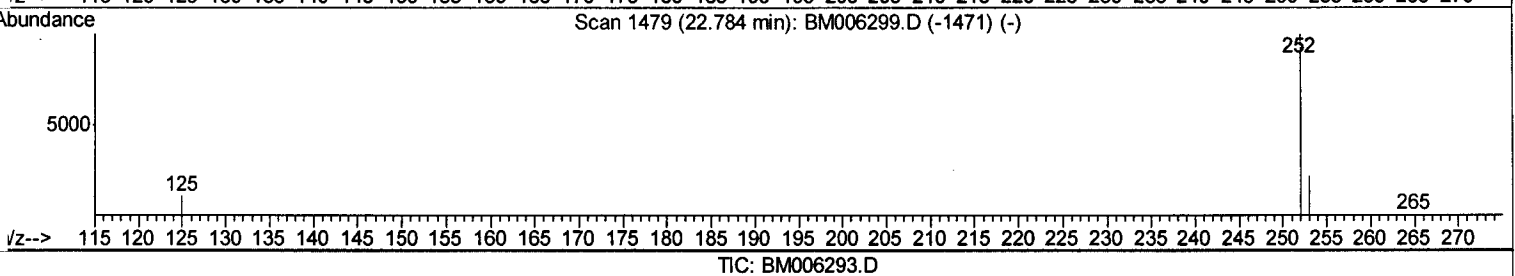
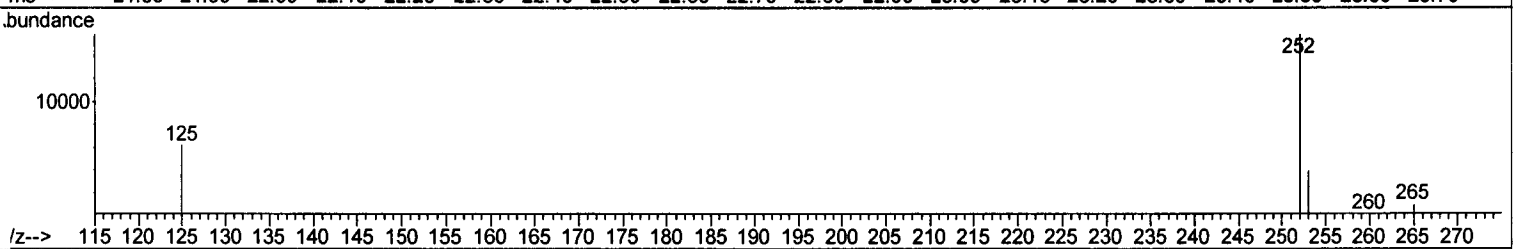
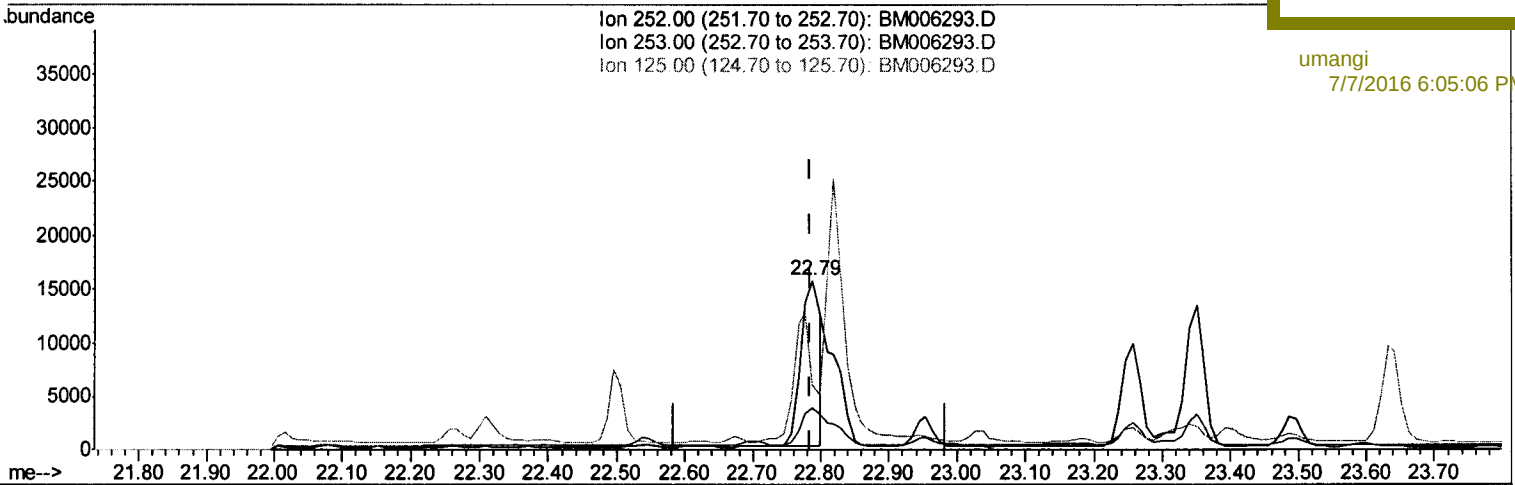
Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integration

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(23) Benzo(b)fluoranthene

22.787min (+0.003) 0.79ng/ul

response 30755

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.72
125.00	14.40	38.63#
0.00	0.00	0.00

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Operator : UM/SJ
Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

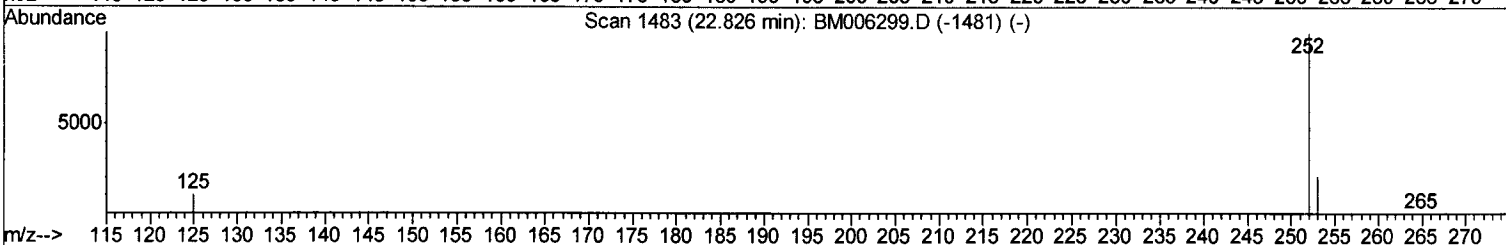
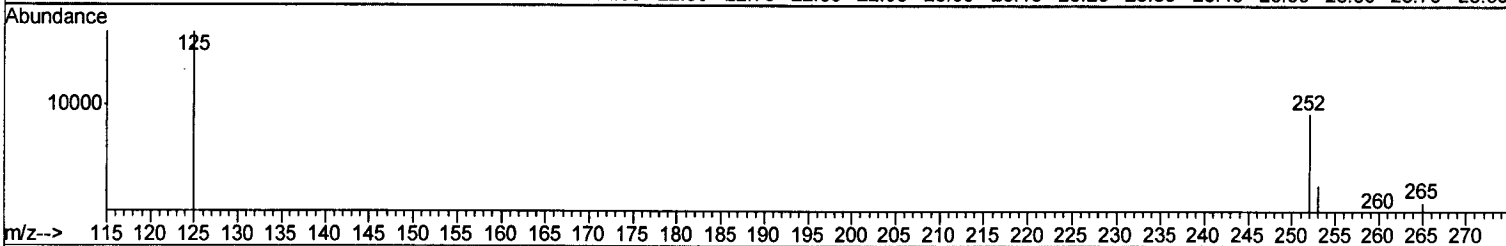
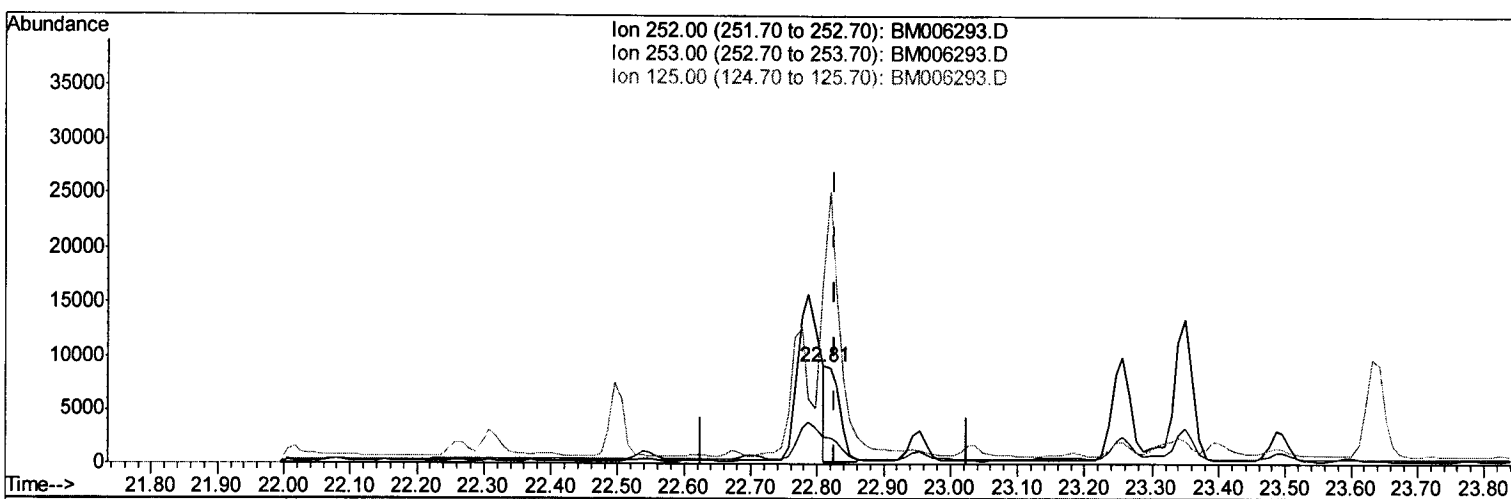
Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integration

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TIC: BM006293.D

(24) Benzo(k)fluoranthene

22.808min (-0.017) 0.34ng/ul m

response 12216

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	27.18
125.00	13.00	181.87#
0.00	0.00	0.00

U.M
07/11/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006293.D
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 Operator : UM/SJ
 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

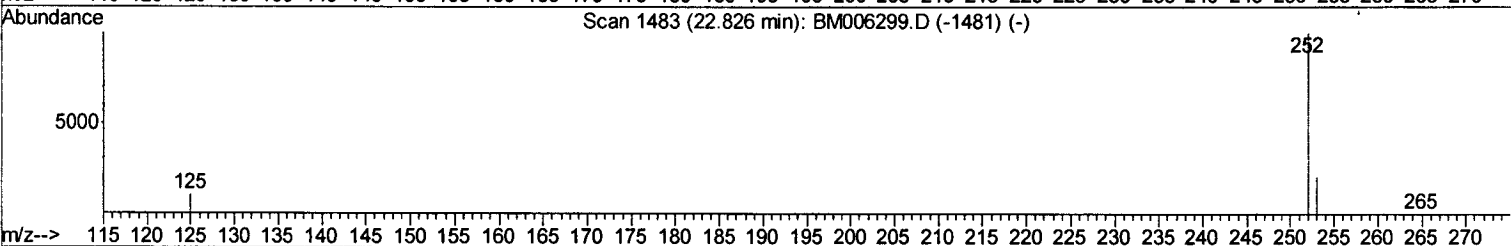
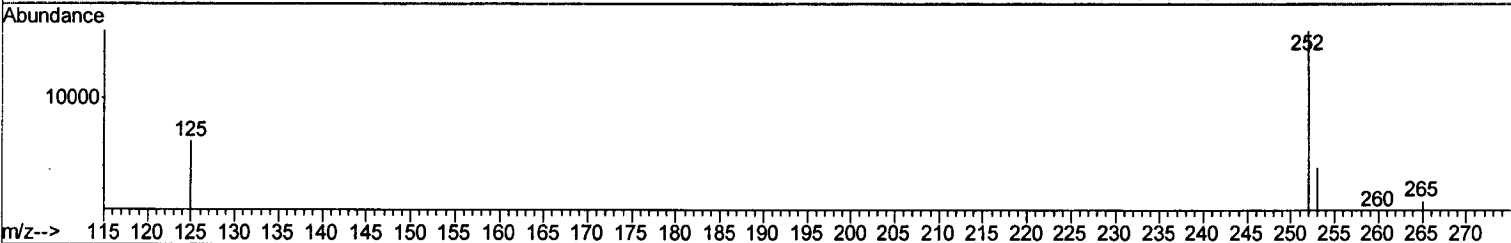
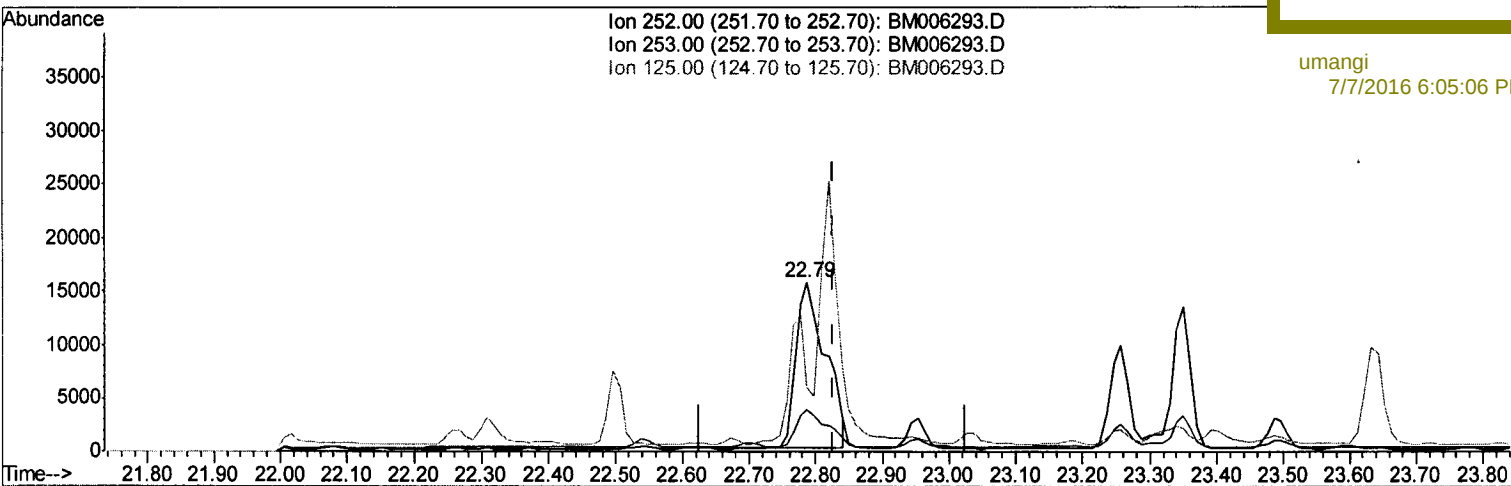
Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM006293.D

(24) Benzo(k)fluoranthene

22.787min (-0.038) 1.33ng/ul

response 47965

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.72
125.00	13.00	38.63#
0.00	0.00	0.00

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 ALS Vial : 15 Sample Multiplier: 1

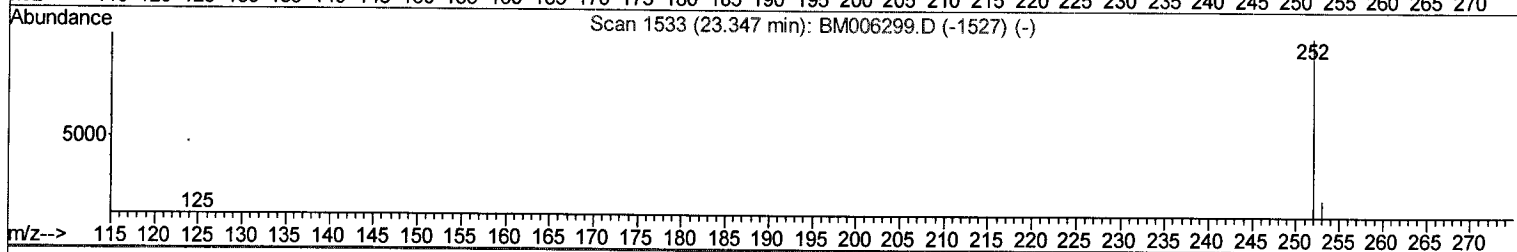
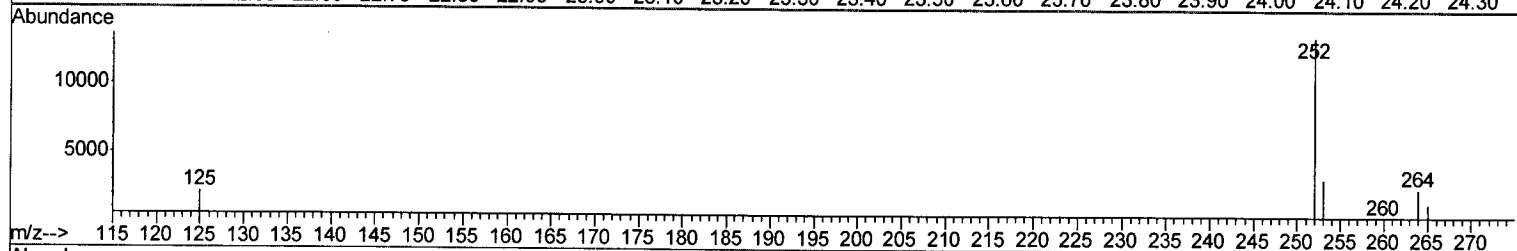
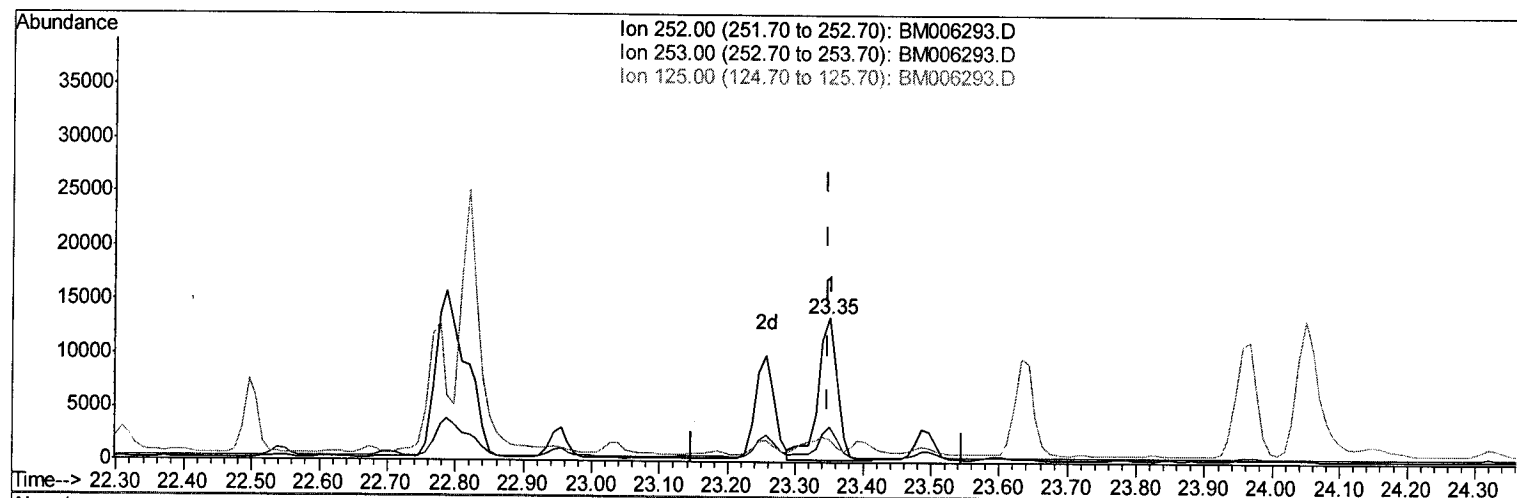
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TIC: BM006293.D

(25) Benzo(a)pyrene (C)

23.350min (+0.003) 0.74ng/ul m

response 26800

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.85
125.00	15.90	15.94
0.00	0.00	0.00

U.M
 07/11/16

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Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

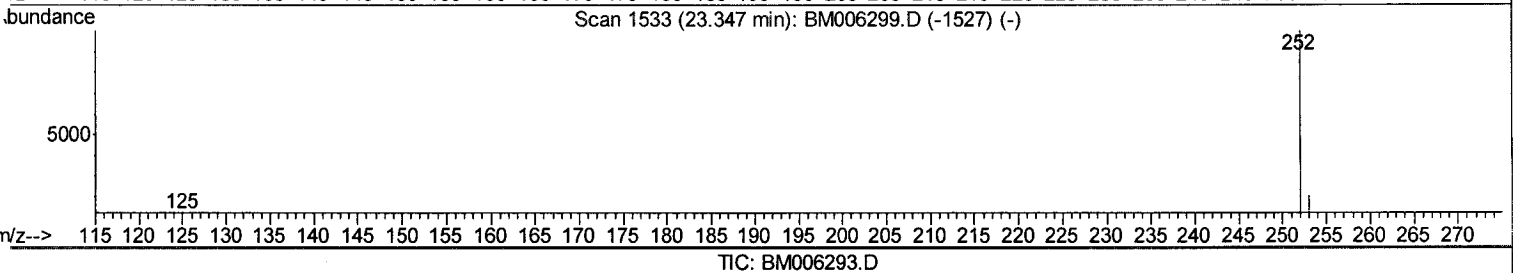
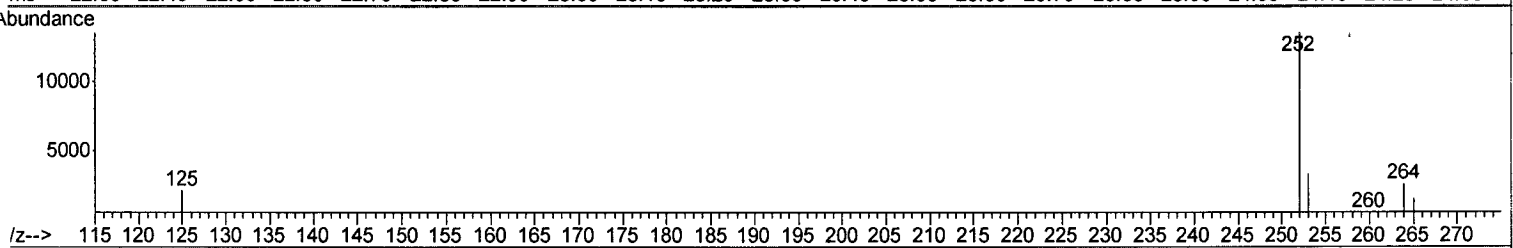
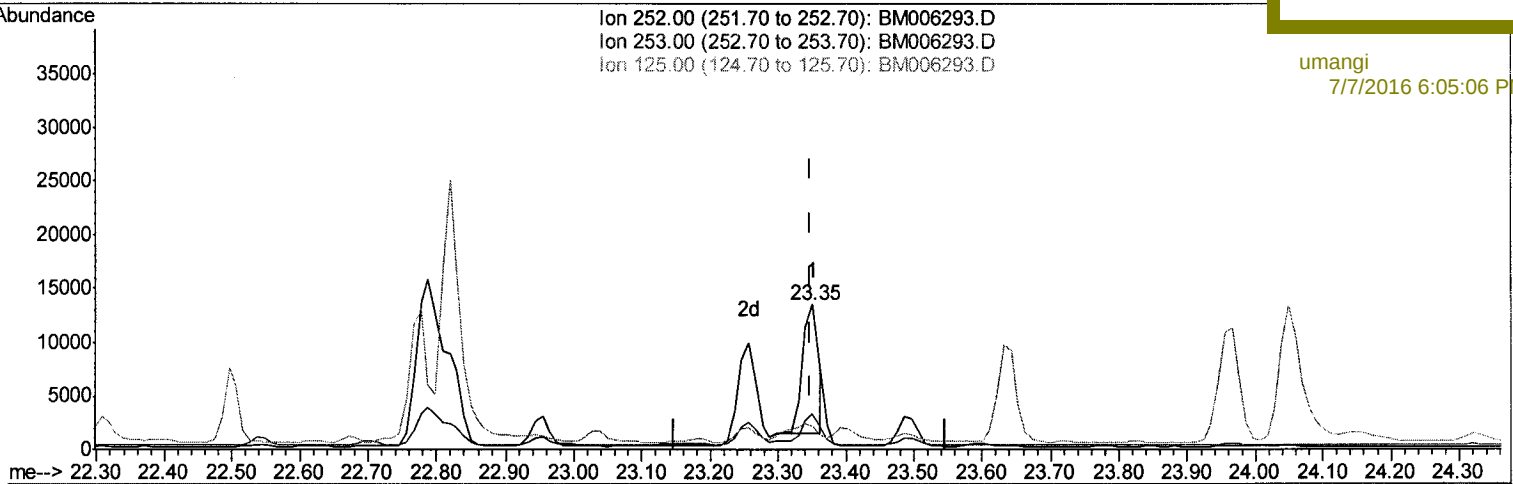
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(25) Benzo(a)pyrene (C)

23.350min (+0.003) 0.54ng/ul

response 19524

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.85
125.00	15.90	15.94
0.00	0.00	0.00

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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

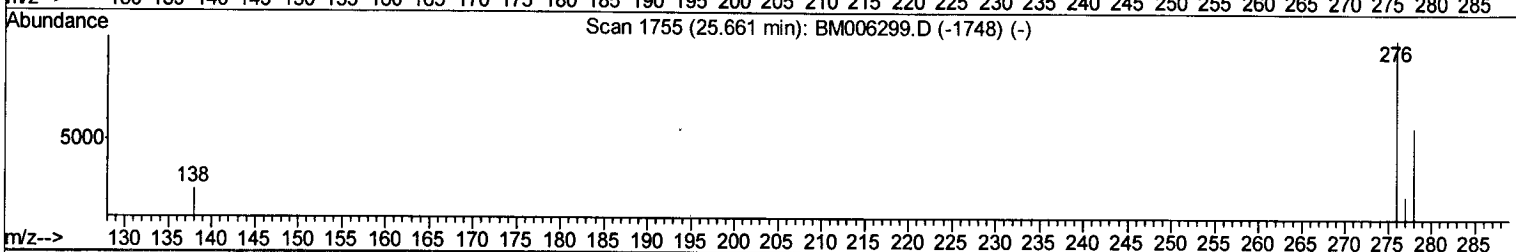
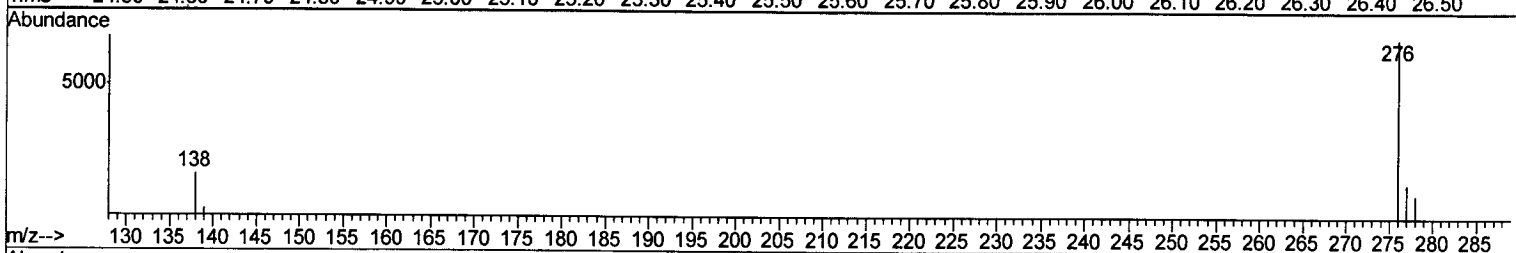
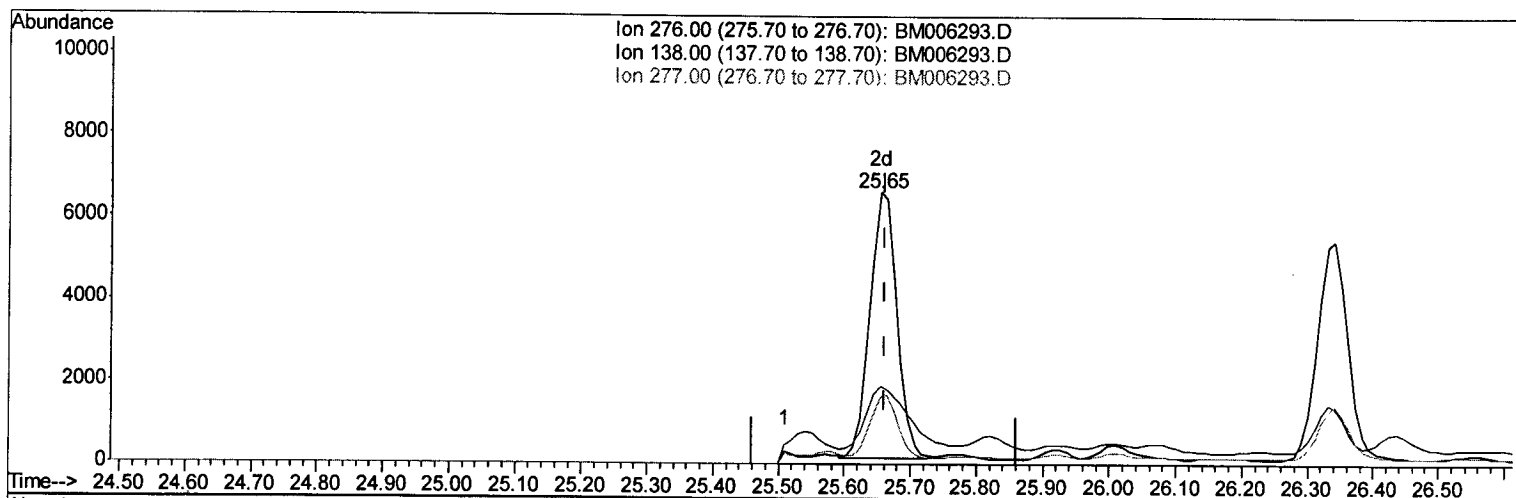
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TIC: BM006293.D

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

25.654min (-0.007) 0.46ng/ul m

response 18341

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	2.98#
0.00	0.00	0.00

U.M
 07/11/16

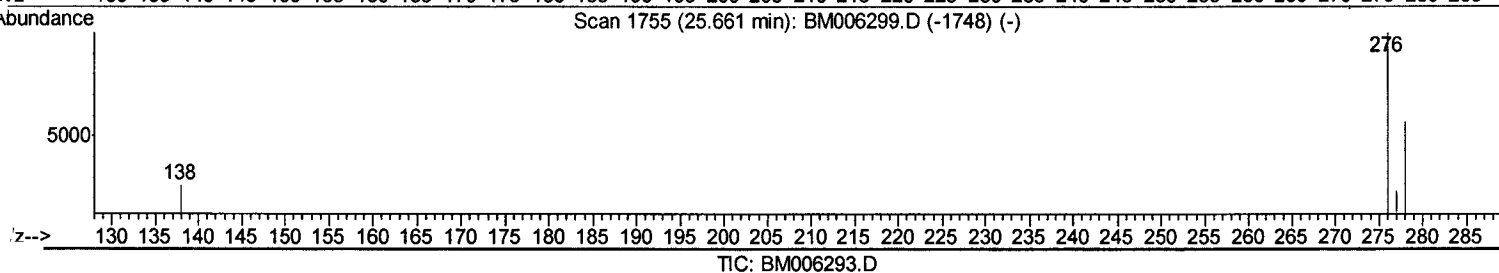
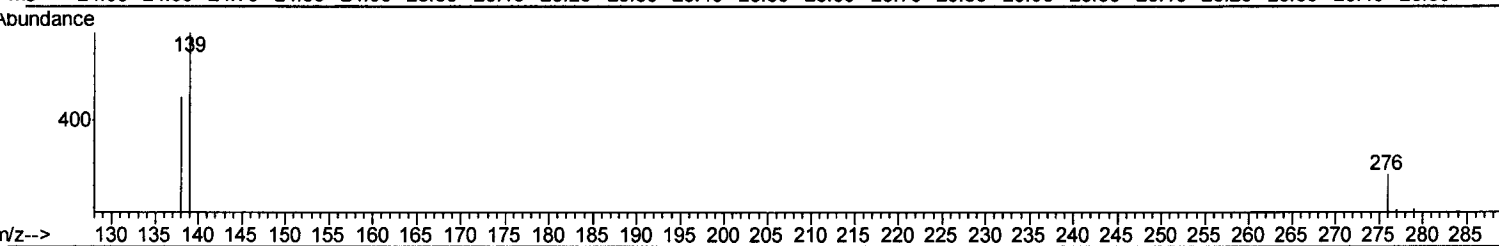
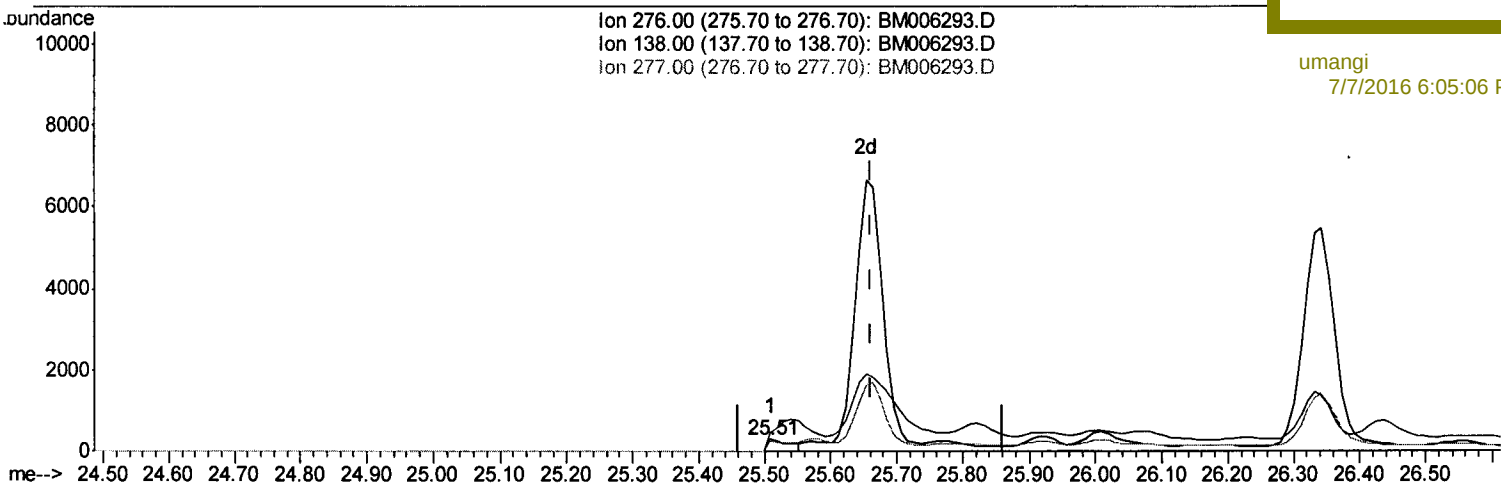
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Operator : UM/SJ
Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Manual Integration

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TIC: BM006293.D

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

25.508min (-0.153) 0.02ng/ul

response 682

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	80.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006293.D
 Acq On : 06 Jul 2016 21:27
 Operator : UM/SJ
 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

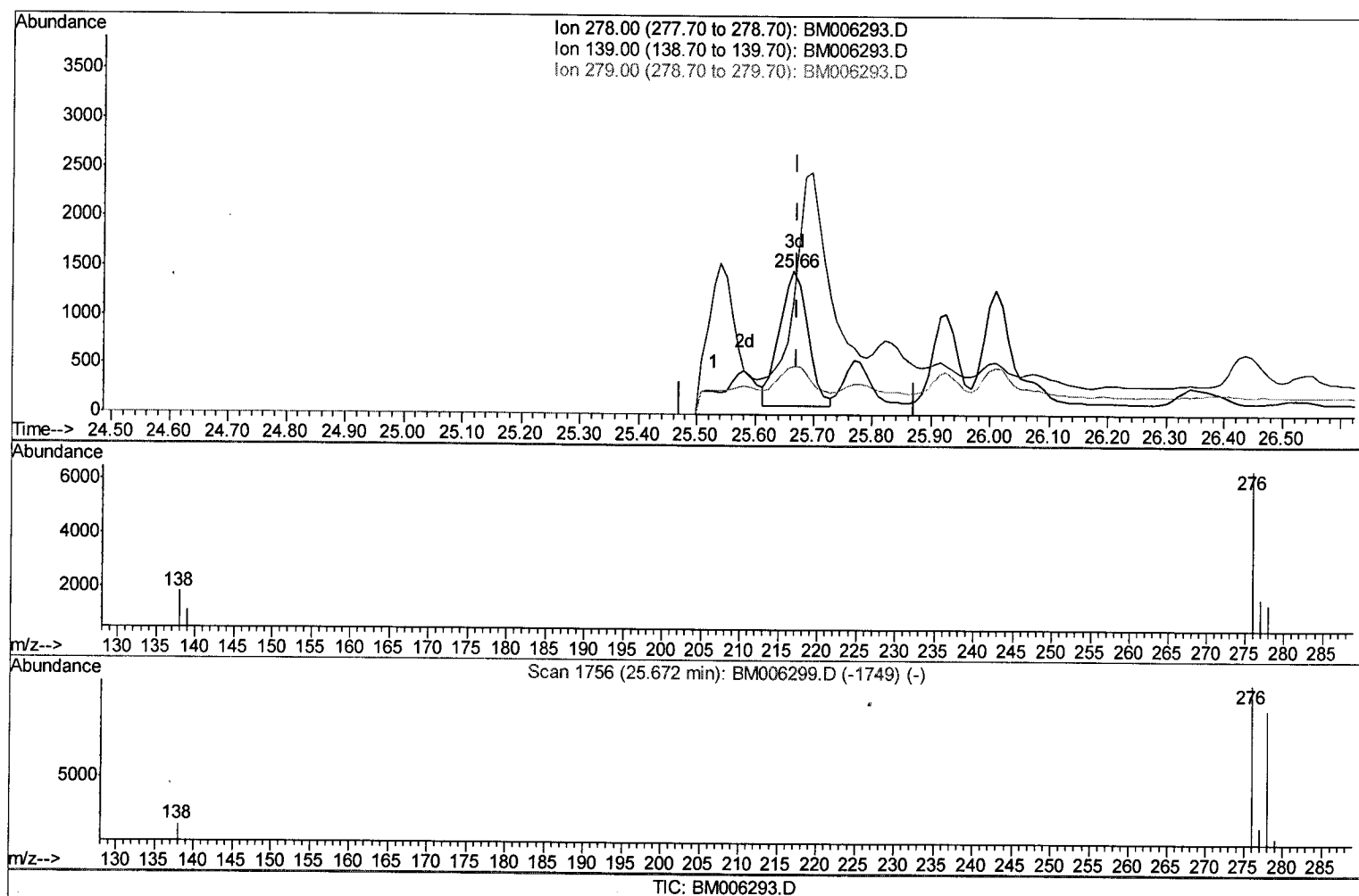
Instrument :
 BNA_M
 ClientSampleId :
 A4TV6MS

Manual Integration

Quant Time: Jul 07 11:13:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 05:51:09 2016
 Response via : Initial Calibration

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(27) Dibenzo(a,h)anthracene

25.665min (-0.007) 0.15ng/ul m

response 4650

Ion Exp% Act%

278.00 100 100

139.00 20.50 78.73#

279.00 25.20 33.99#

0.00 0.00 0.00

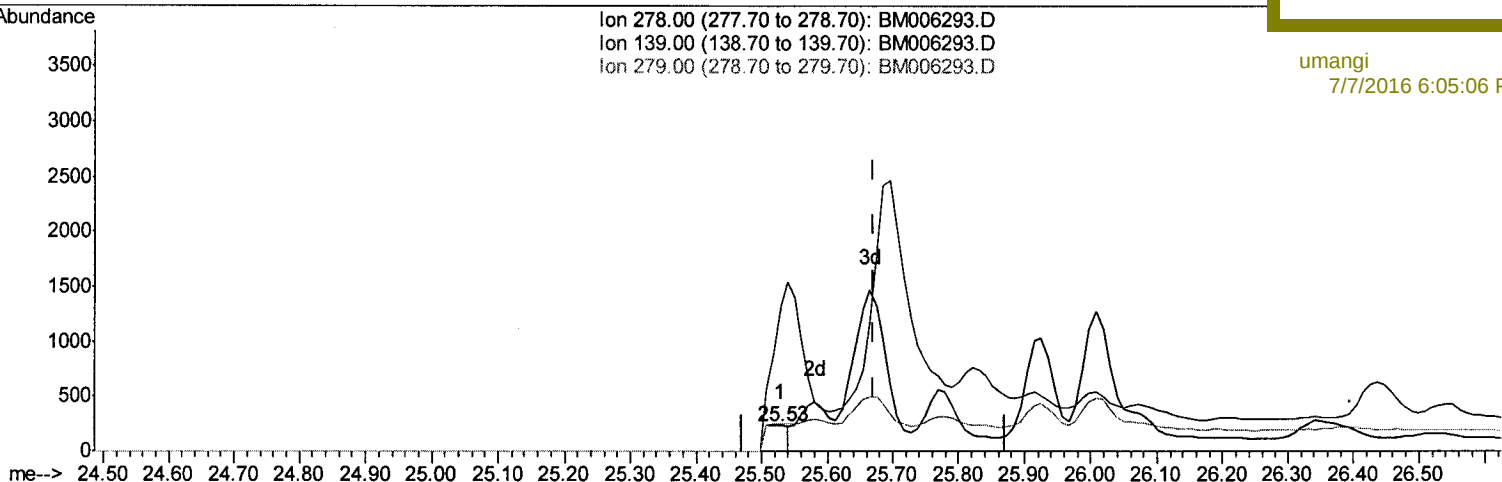
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006293.D
Acq On : 06 Jul 2016 21:27
Operator : UM/SJ
Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TV6MS

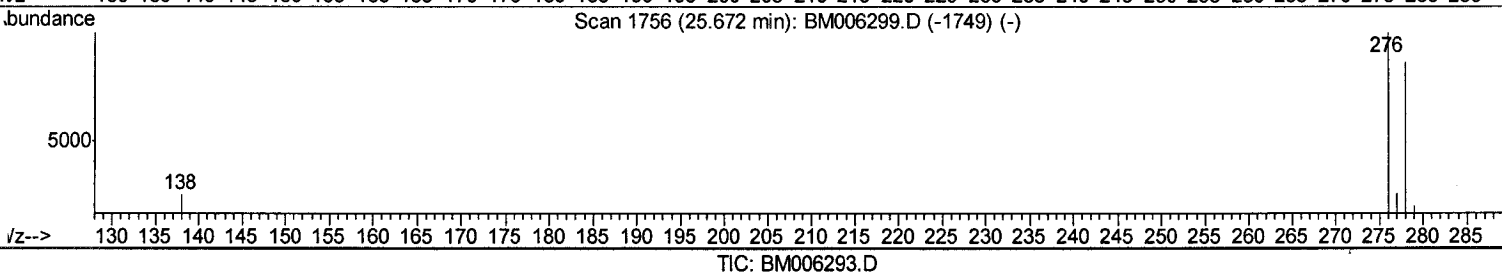
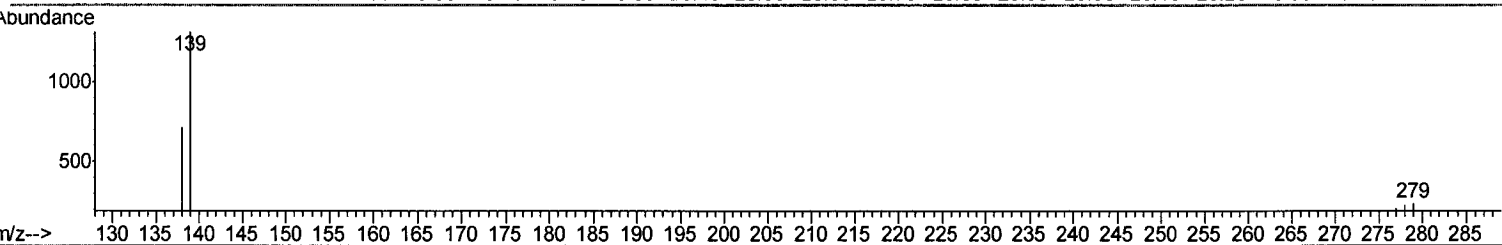
Quant Time: Jul 07 11:13:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Manual Integrati

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TIC: BM006293.D

(27) Dibenzo(a,h)anthracene

25.529min (-0.143) 0.02ng/ul

response 573

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	560.00#
279.00	25.20	103.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006293.D
 Acq On : 06 Jul 2016 21:27
 Operator : UM/SJ
 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

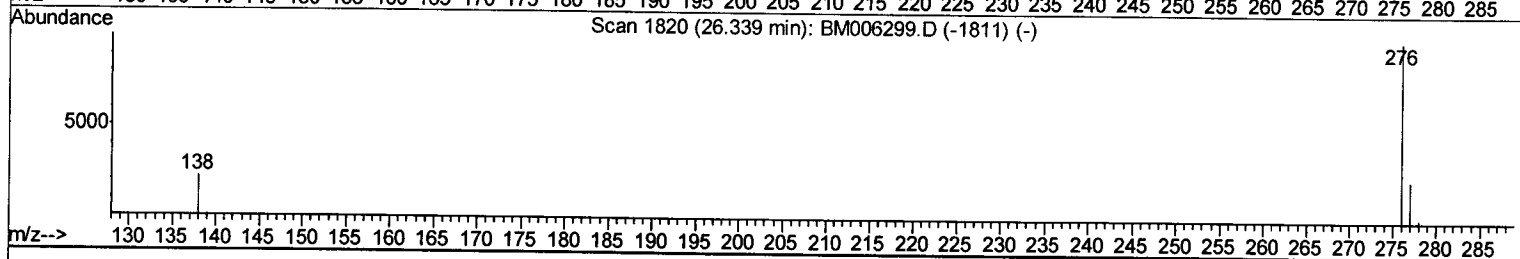
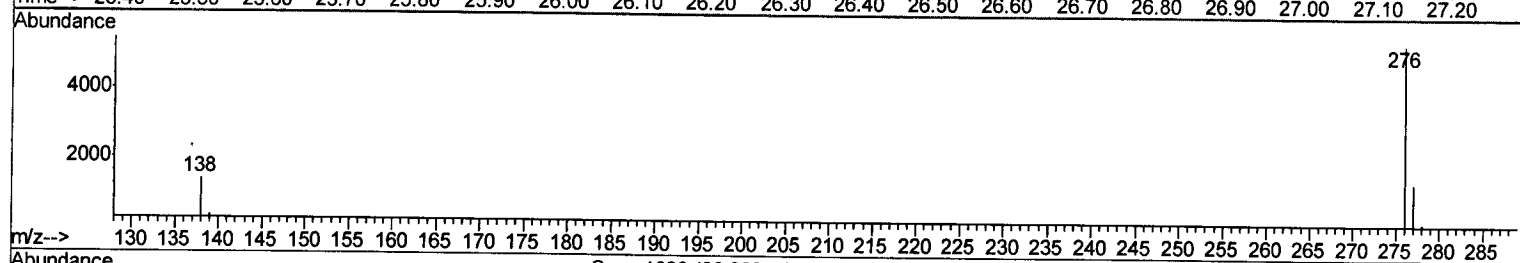
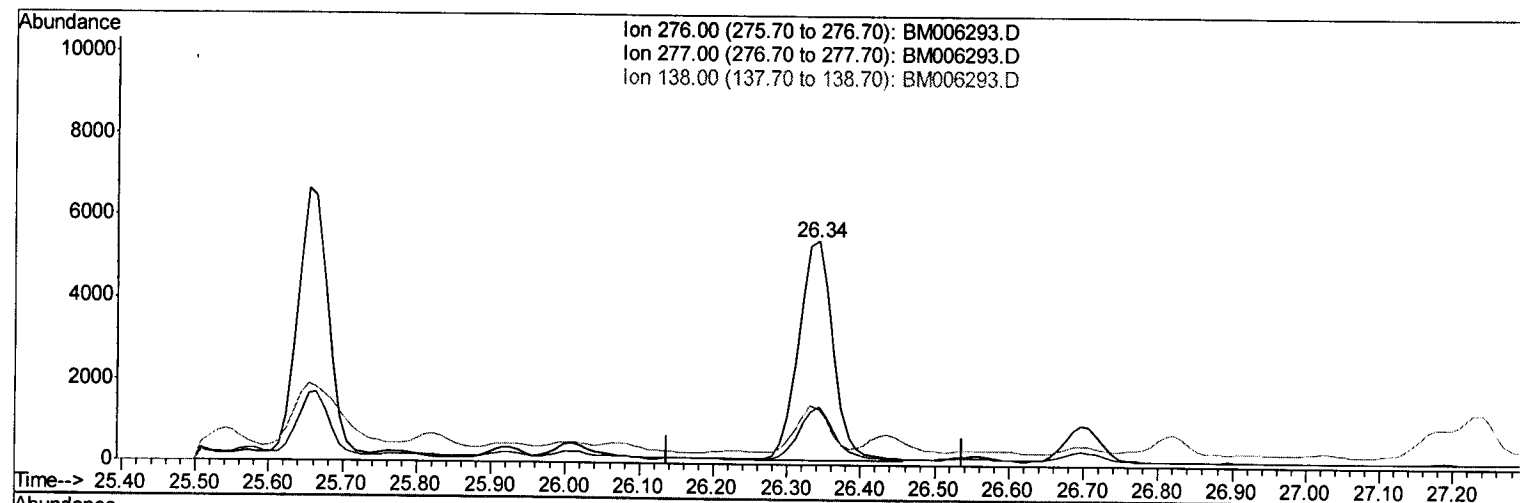
Instrument :
 BNA_M
 ClientSampleId :
 A4TV6MS

Manual Integration

Quant Time: Jul 07 11:13:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 05:51:09 2016
 Response via : Initial Calibration

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TIC: BM006293.D

(28) Benzo(g,h,i)perylene

26.342min (+0.003) 0.52ng/ul m *U.M*
07/11/16
 response 17561

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	25.81
138.00	28.10	24.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006293.D
 Acq On : 06 Jul 2016 21:27
 Operator : UM/SJ
 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

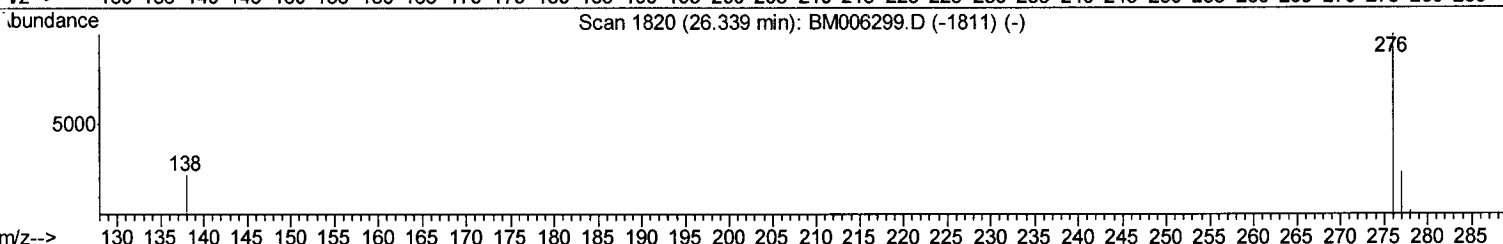
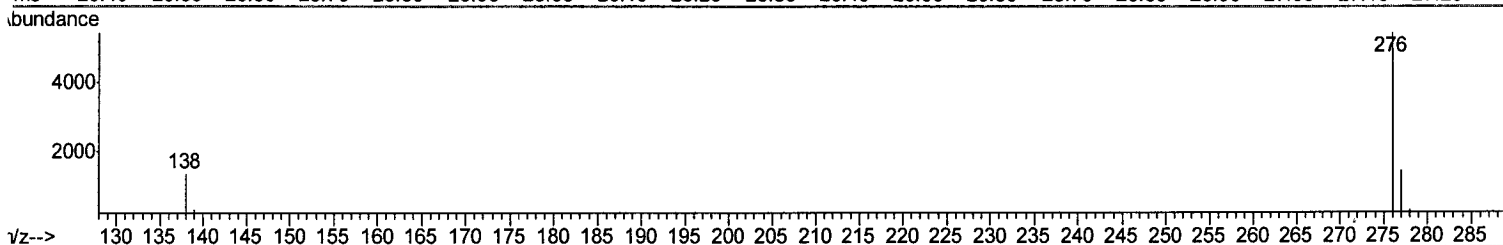
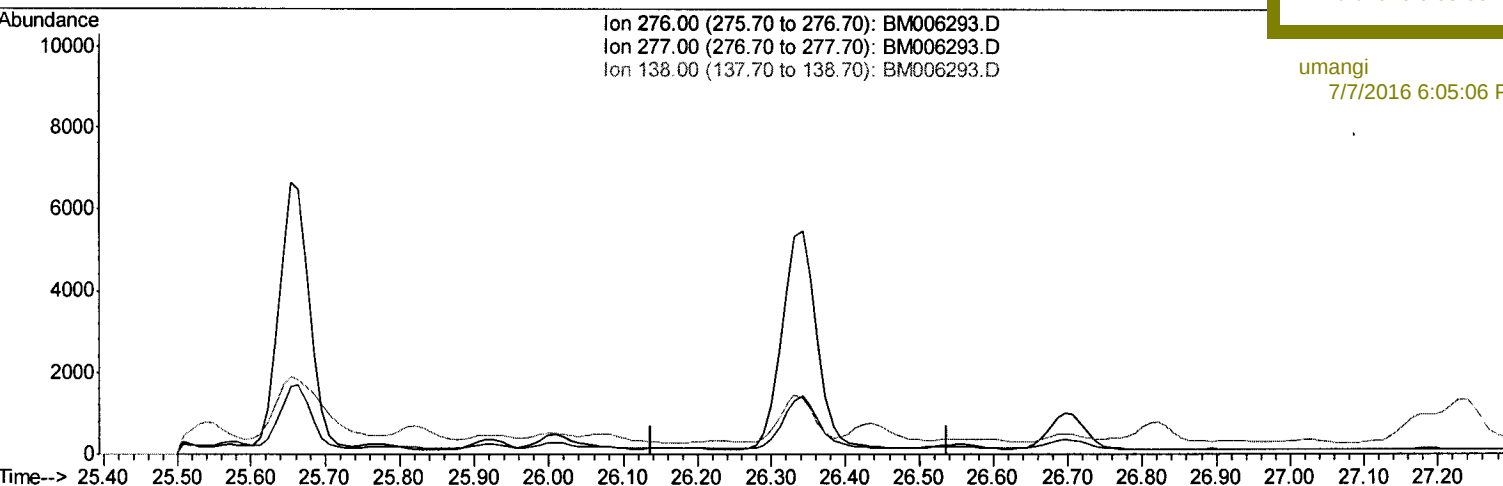
Instrument :
 BNA_M
 ClientSampleId :
 A4TV6MS

Quant Time: Jul 07 11:13:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 05:51:09 2016
 Response via : Initial Calibration

Manual Integration

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TIC: BM006293.D

(28) Benzo(g,h,i)perylene

26.339min (-26.339) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
277.00	23.60	0.00#
138.00	28.10	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006293.D
 Acq On : 06 Jul 2016 21:27
 Operator : UM/SJ
 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV6MS

Quant Time: Jul 07 11:15:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 05:51:09 2016
 Response via : Initial Calibration

Manual Integration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4624	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18175	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10386	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	21853m	0.40	ng/ul	0.00
18) Chrysene-d12	21.23	240	14374	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	10821m	0.40	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	7962	4.07	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6360	0.30	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	13273	0.29	ng/ul	0.00

Target Compounds

						Qvalue
5) Naphthalene	10.48	128	1332	0.03	ng/ul#	79
7) 2-Methylnaphthalene	12.09	142	657	0.02	ng/ul	97
9) Acenaphthylene	14.01	152	2920	0.08	ng/ul#	94
10) Acenaphthene	14.35	153	9299	0.27	ng/ul	89
11) Fluorene	15.34	166	1655	0.04	ng/ul#	79
13) Pentachlorophenol	16.70	266	1596	0.47	ng/ul	96
14) Phenanthrene	17.07	178	43957m	0.73	ng/ul	89
15) Anthracene	17.16	178	8032	0.14	ng/ul#	98
17) Fluoranthene	19.10	202	88274	1.32	ng/ul	91
19) Pyrene	19.48	202	93367	1.55	ng/ul#	88
20) Benzo(a)anthracene	21.21	228	29221	0.63	ng/ul#	91
21) Chrysene	21.27	228	30912	0.68	ng/ul#	91
23) Benzo(b)fluoranthene	22.79	252	36628m	0.95	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	12216m	0.34	ng/ul	
25) Benzo(a)pyrene	23.35	252	26800m	0.74	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.65	276	18341m	0.46	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	4650m	0.15	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	17561m	0.52	ng/ul	

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