

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008071.D
 Acq On : 24 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

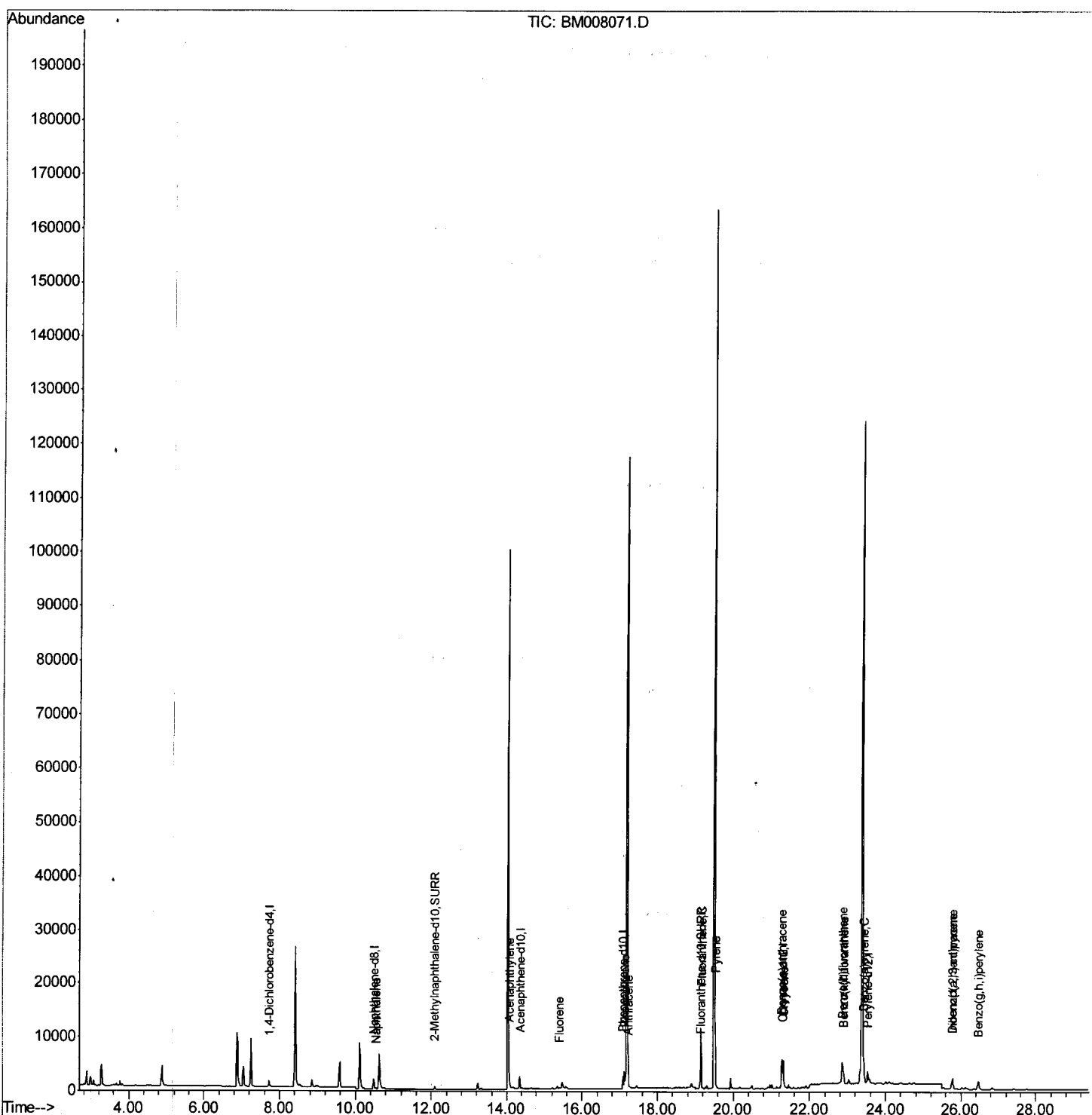
Instrument :
 BNA_M
 ClientSampleId :
 A4WC8

Manual Integrations
 APPROVED

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Quant Time: Nov 28 11:00:17 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008071.D
 Acq On : 24 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

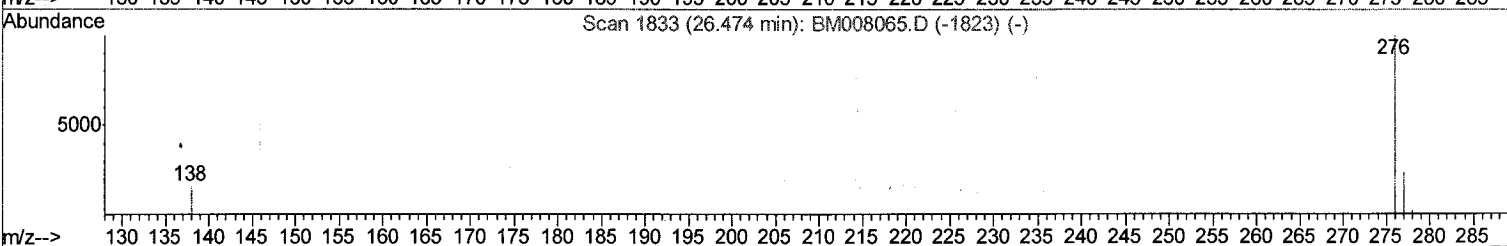
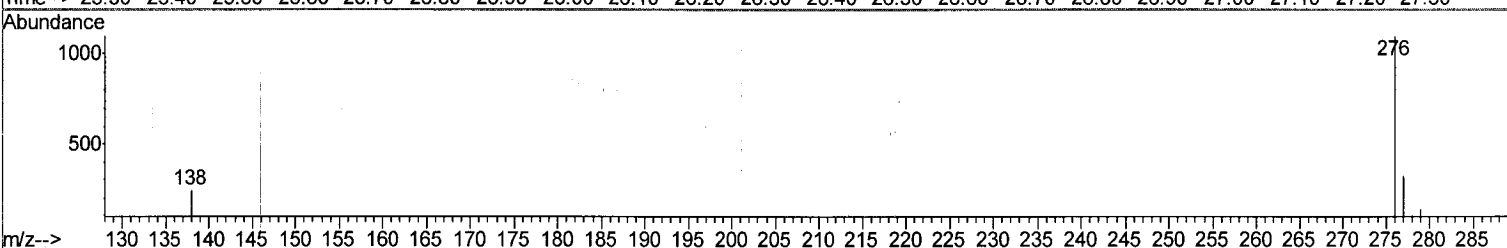
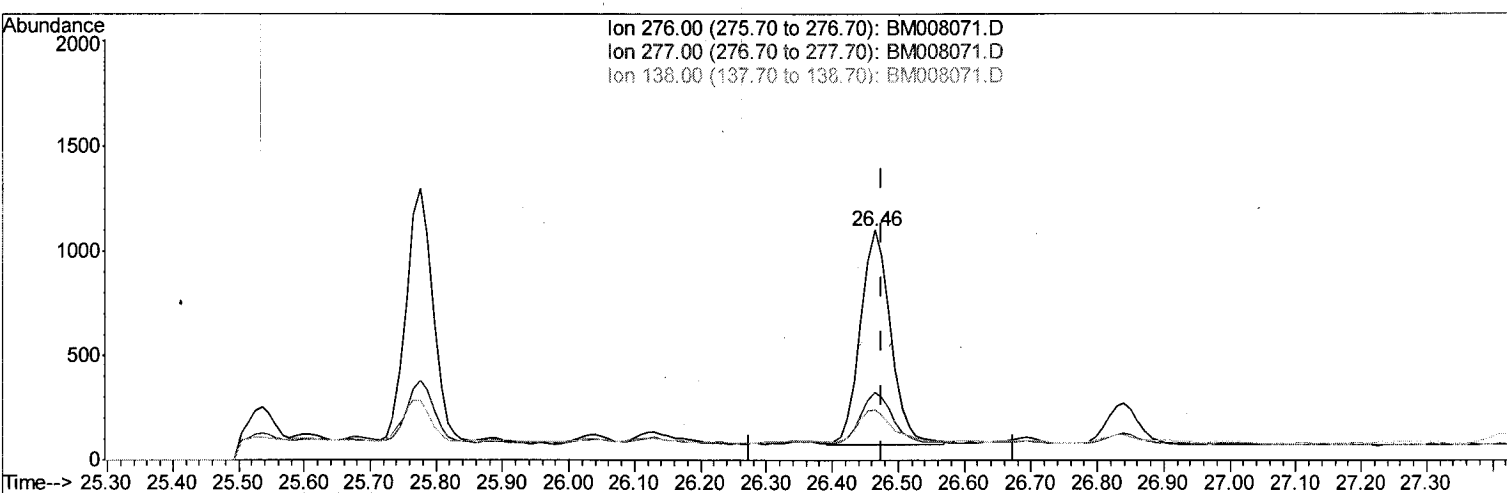
Instrument :
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 ClientSampleId :
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Quant Time: Nov 28 10:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM008071.D

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

26.464min (-0.010) 0.30ng/ul m

response 3214

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	29.23
138.00	25.60	22.04
0.00	0.00	0.00

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Quantitation Report (Qedit)

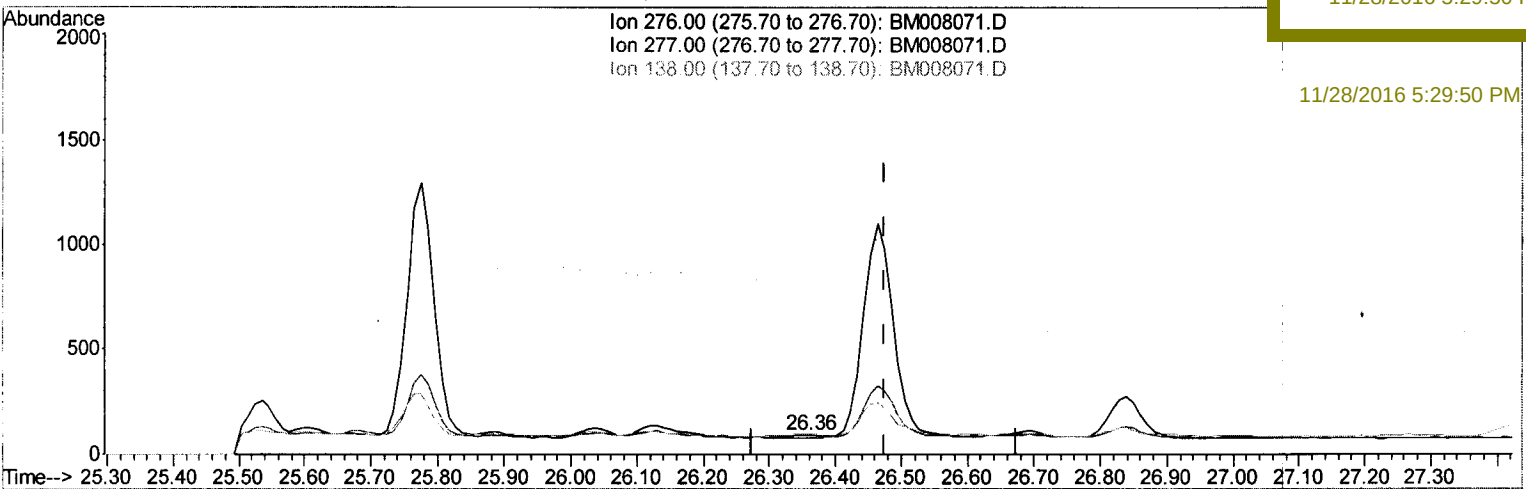
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
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 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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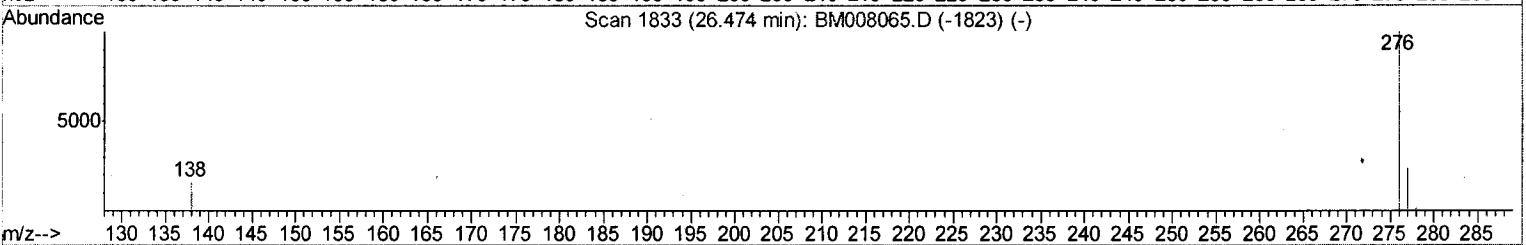
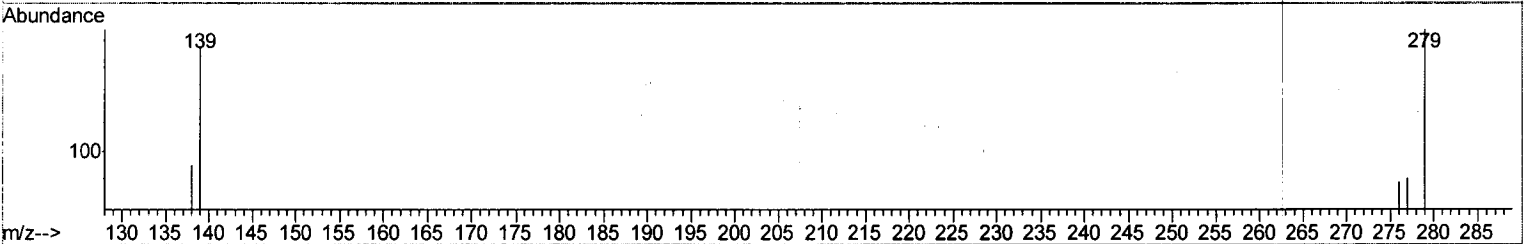
Quant Time: Nov 28 10:57:57 2016
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TIC: BM008071.D

(26) Benzo(g,h,i)perylene
 26.360min (-0.115) 0.00ng/ul
 response 34

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	101.12#
138.00	25.60	106.74#
0.00	0.00	0.00

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 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

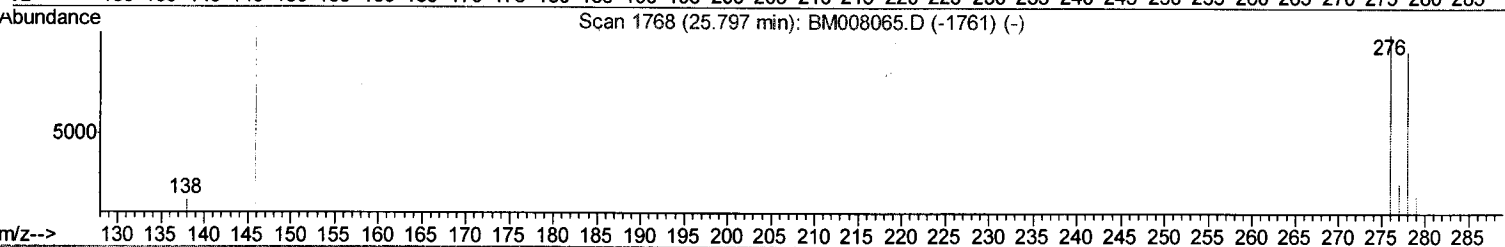
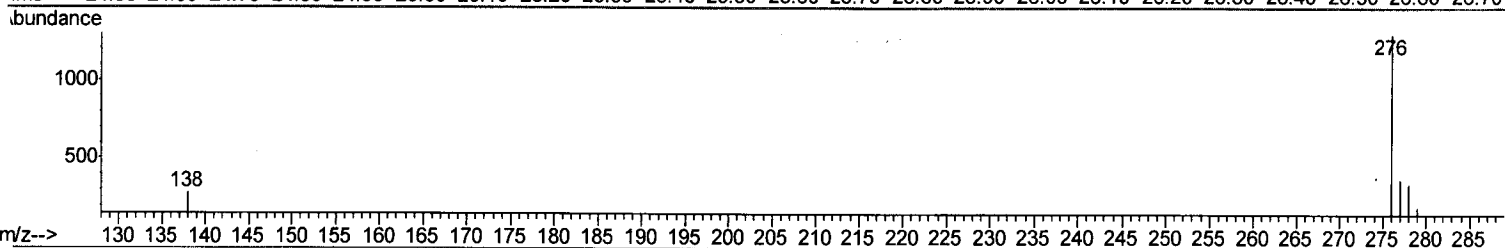
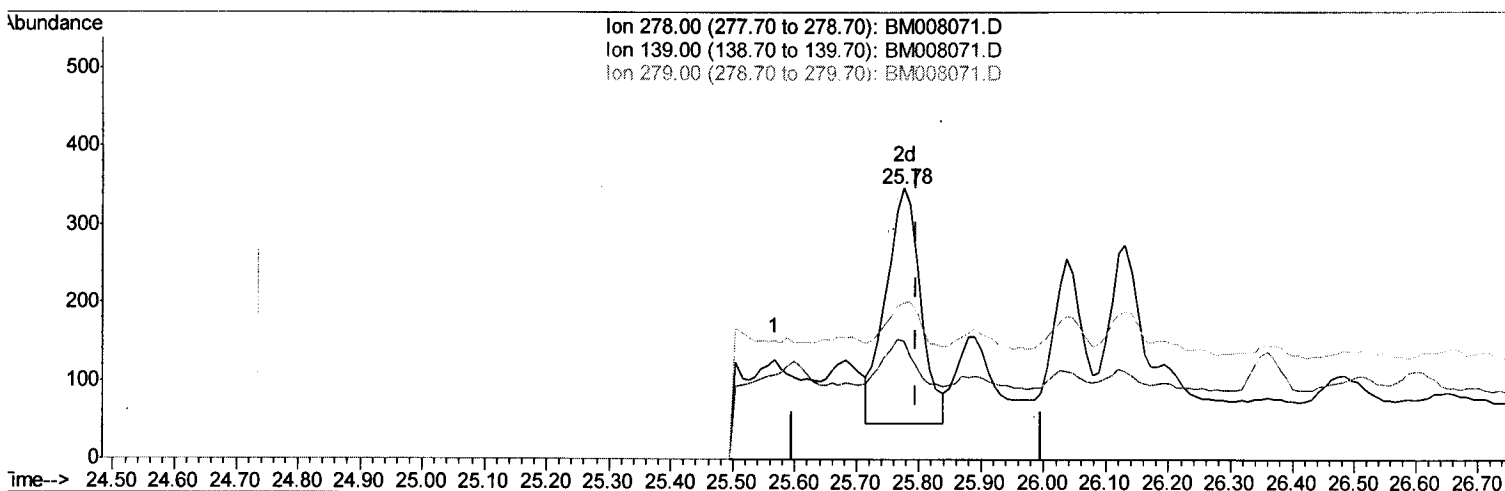
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TIC: BM008071.D

(25) Dibenzo(a,h)anthracene

25.776min (-0.021) 0.12ng/ul m

response 1171

Ion Exp% Act%

278.00 100 100

139.00 21.70 43.52#

279.00 32.40 57.64#

0.00 0.00 0.00

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Quantitation Report (Qedit)

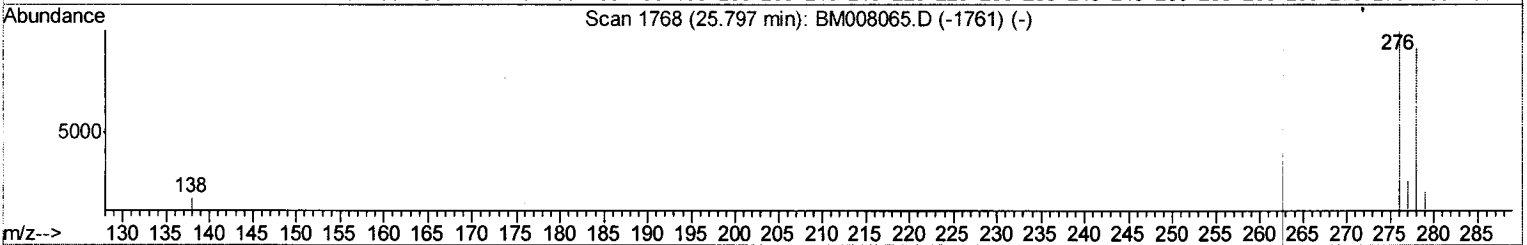
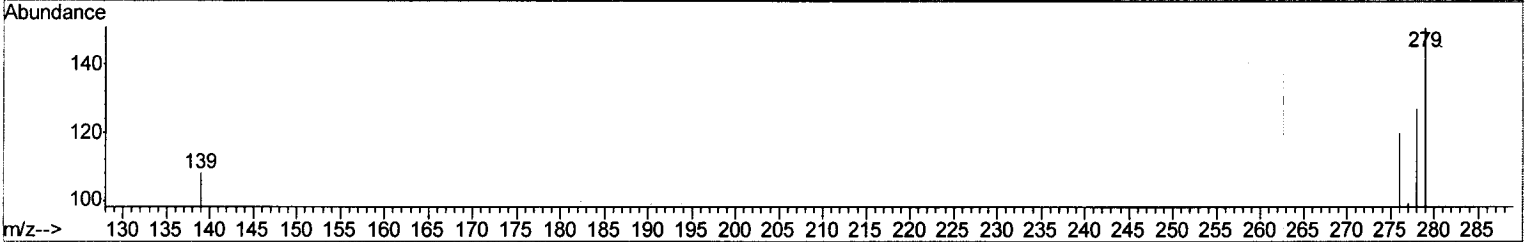
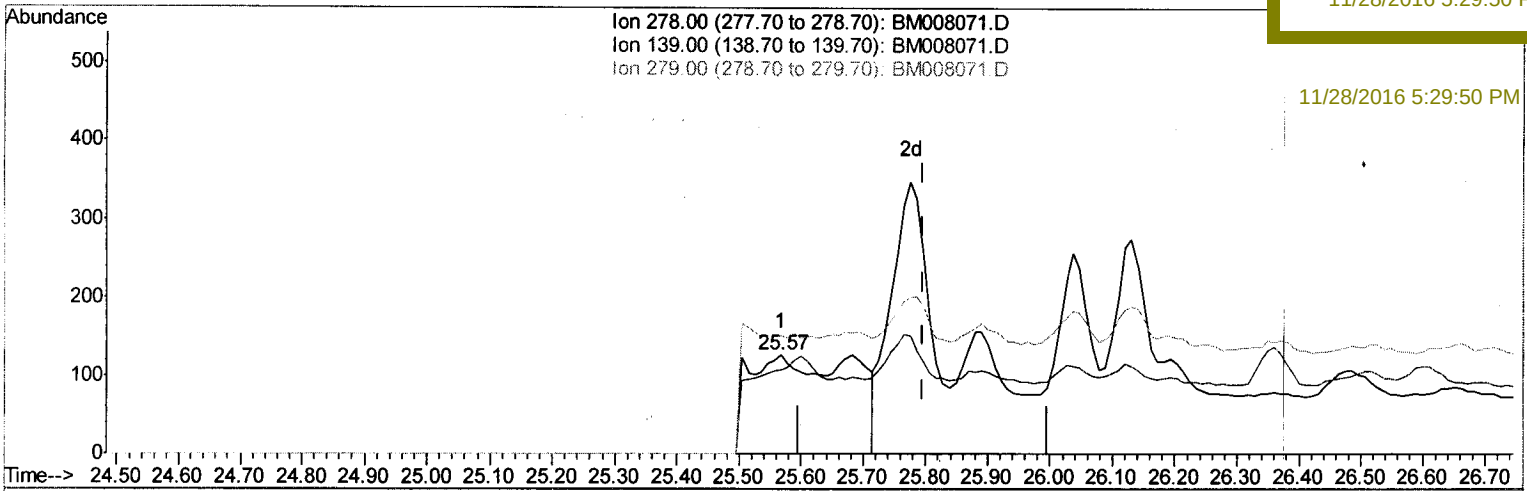
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(25) Dibenzo(a,h)anthracene

25.567min (-0.229) 0.15ng/ul

response 1454

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	85.04#
279.00	32.40	118.90#
0.00	0.00	0.00

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 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

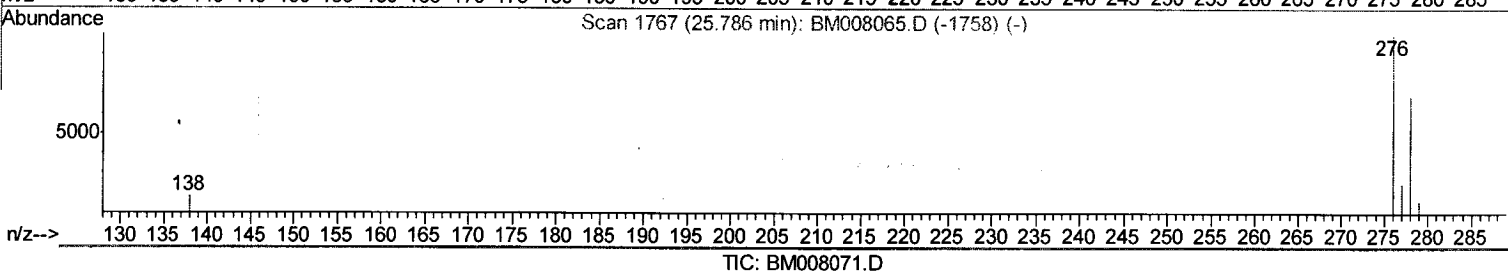
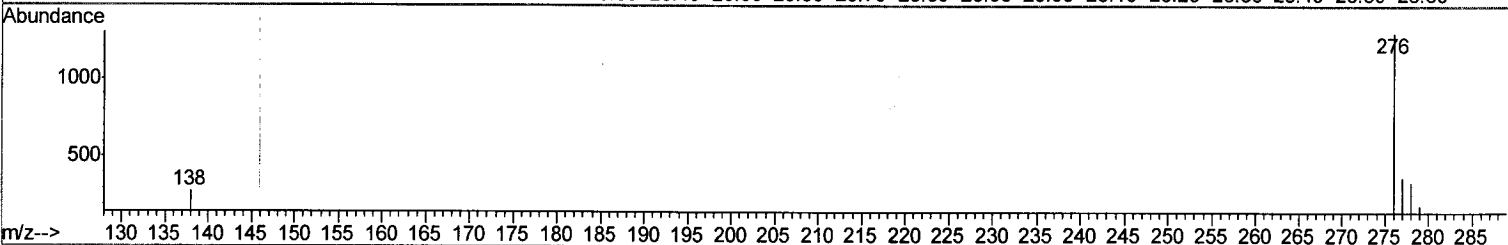
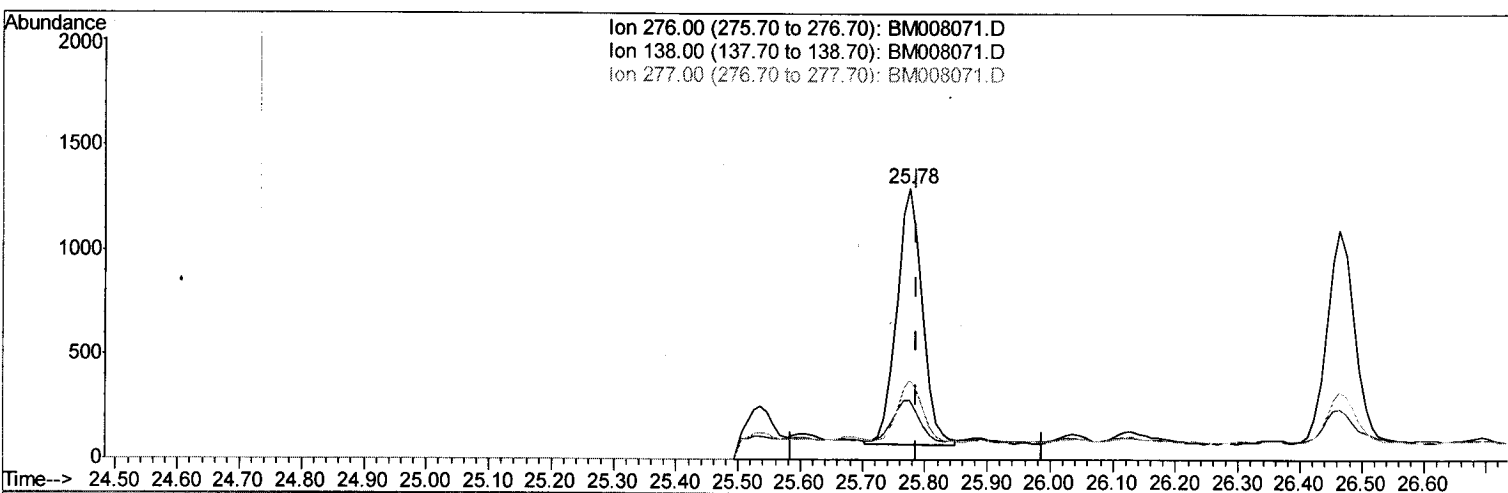
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(24) Indeno(1,2,3-cd)pyrene

25.776min (-0.010) 0.29ng/ul m

response 3515

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	37.13#
277.00	24.50	39.06#
0.00	0.00	0.00

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Quantitation Report (Qedit)

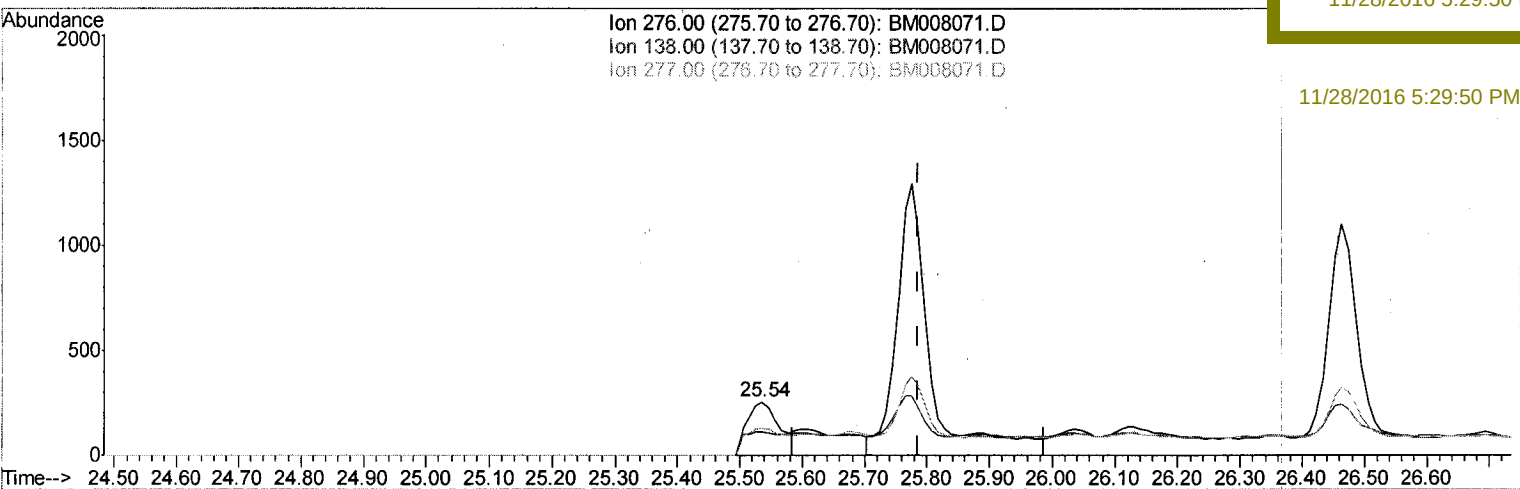
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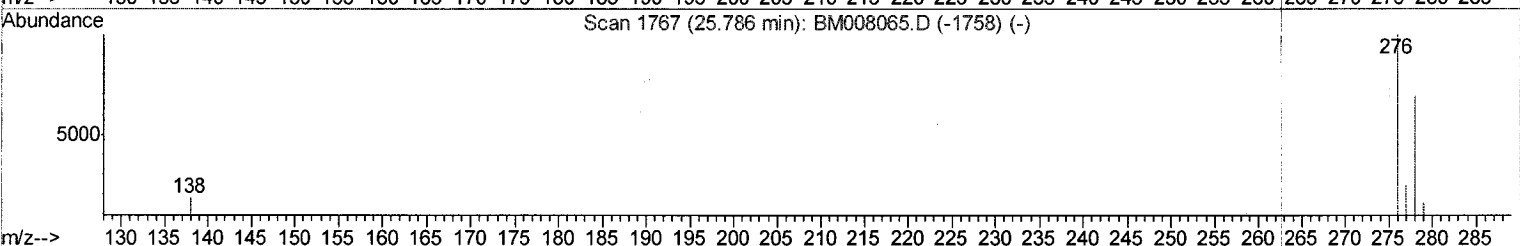
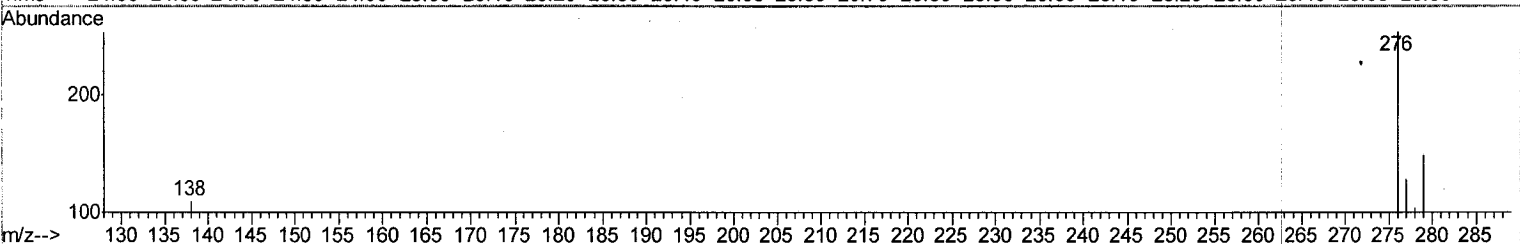
Instrument :
BNA_M
ClientSampleId :
A4WC8

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TIC: BM008071.D

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

25.536min (-0.250) 0.14ng/ul

response 1663

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	78.47#
277.00	24.50	82.56#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

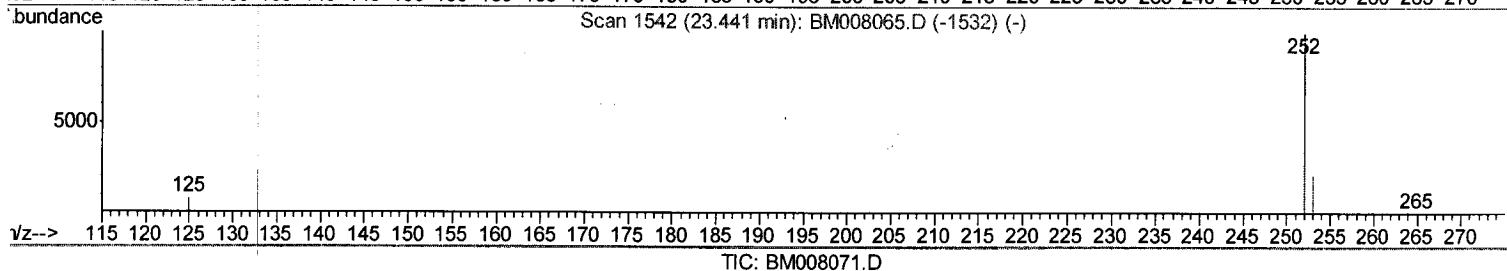
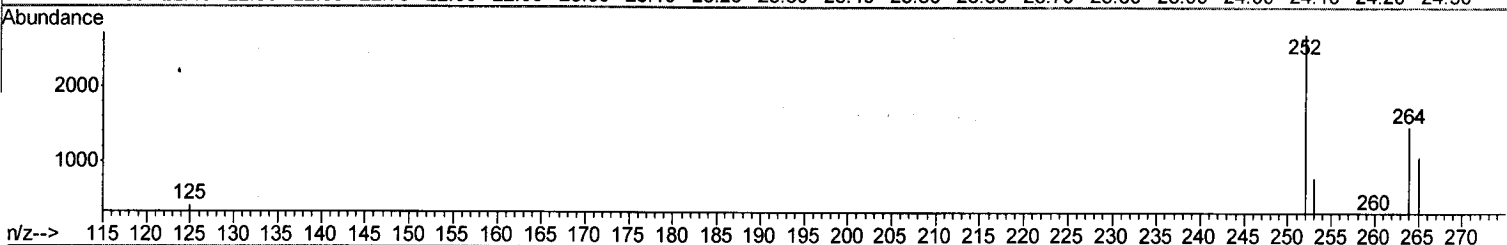
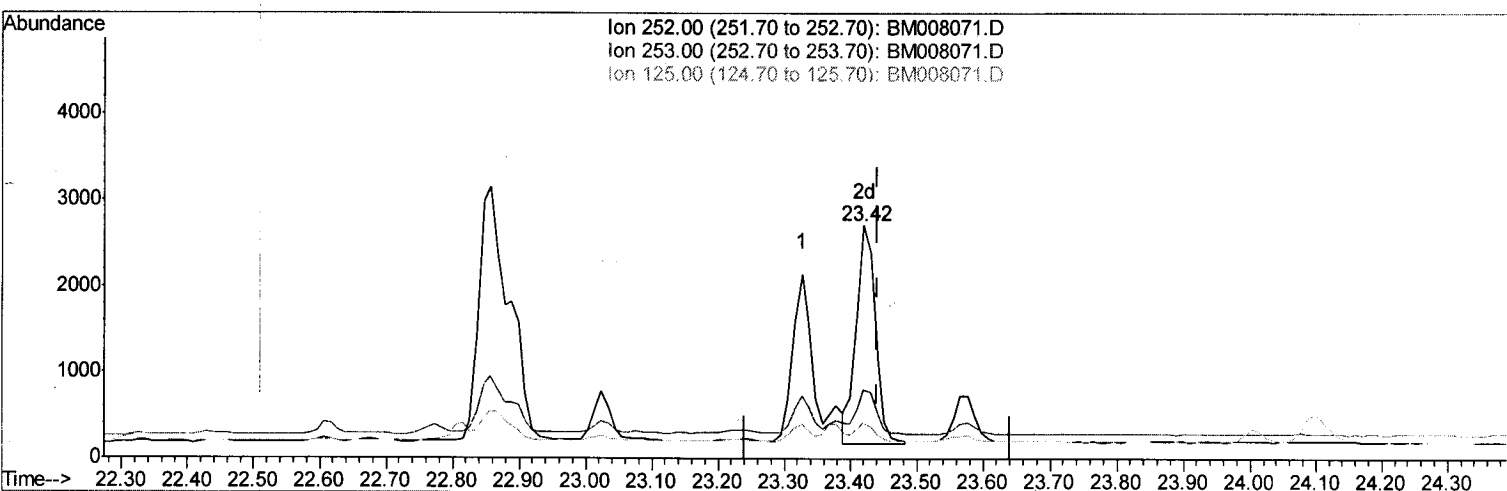
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(23) Benzo(a)pyrene (C)

23.420min (-0.021) 0.53ng/ul m

response 5167

Ion Exp% Act%

252.00 100 100

253.00 35.60 29.71

125.00 22.60 15.22#

0.00 0.00 0.00

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Quantitation Report (Qedit)

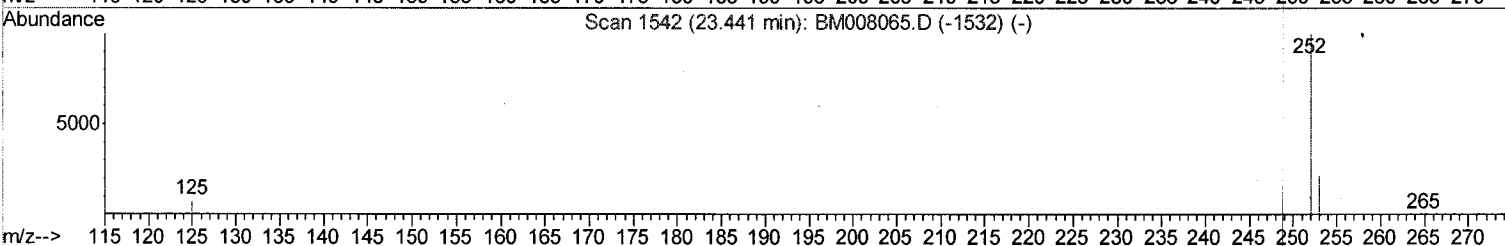
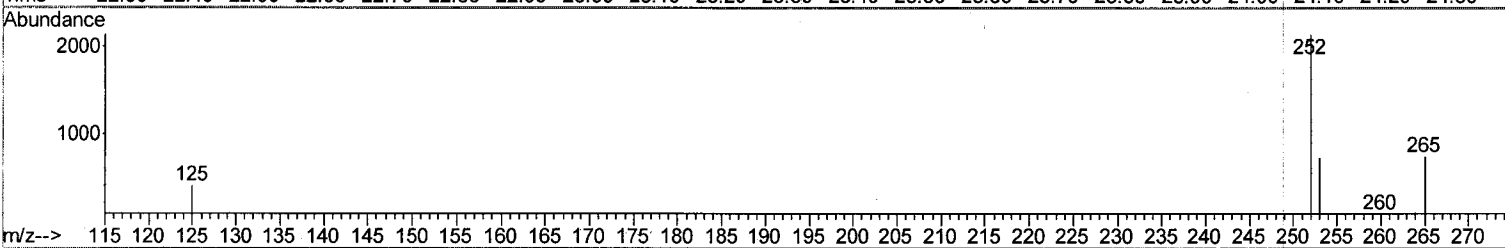
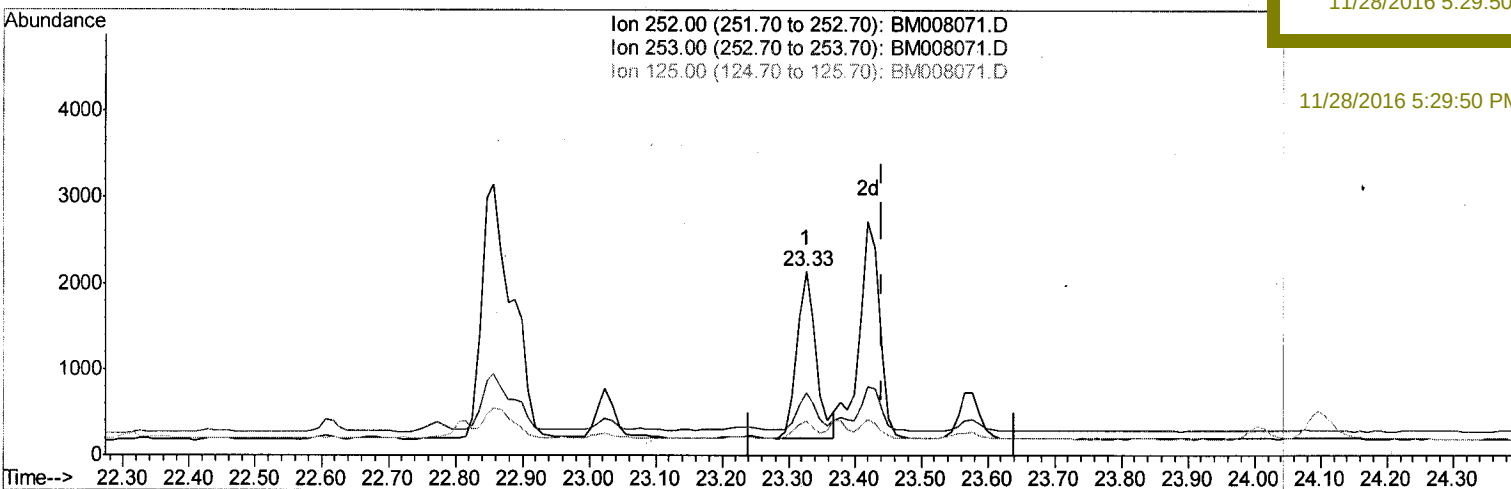
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 Misc :
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TIC: BM008071.D

(23) Benzo(a)pyrene (C)

23.326min (-0.115) 0.40ng/ul

response 3905

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	33.66
125.00	22.60	18.48
0.00	0.00	0.00

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 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

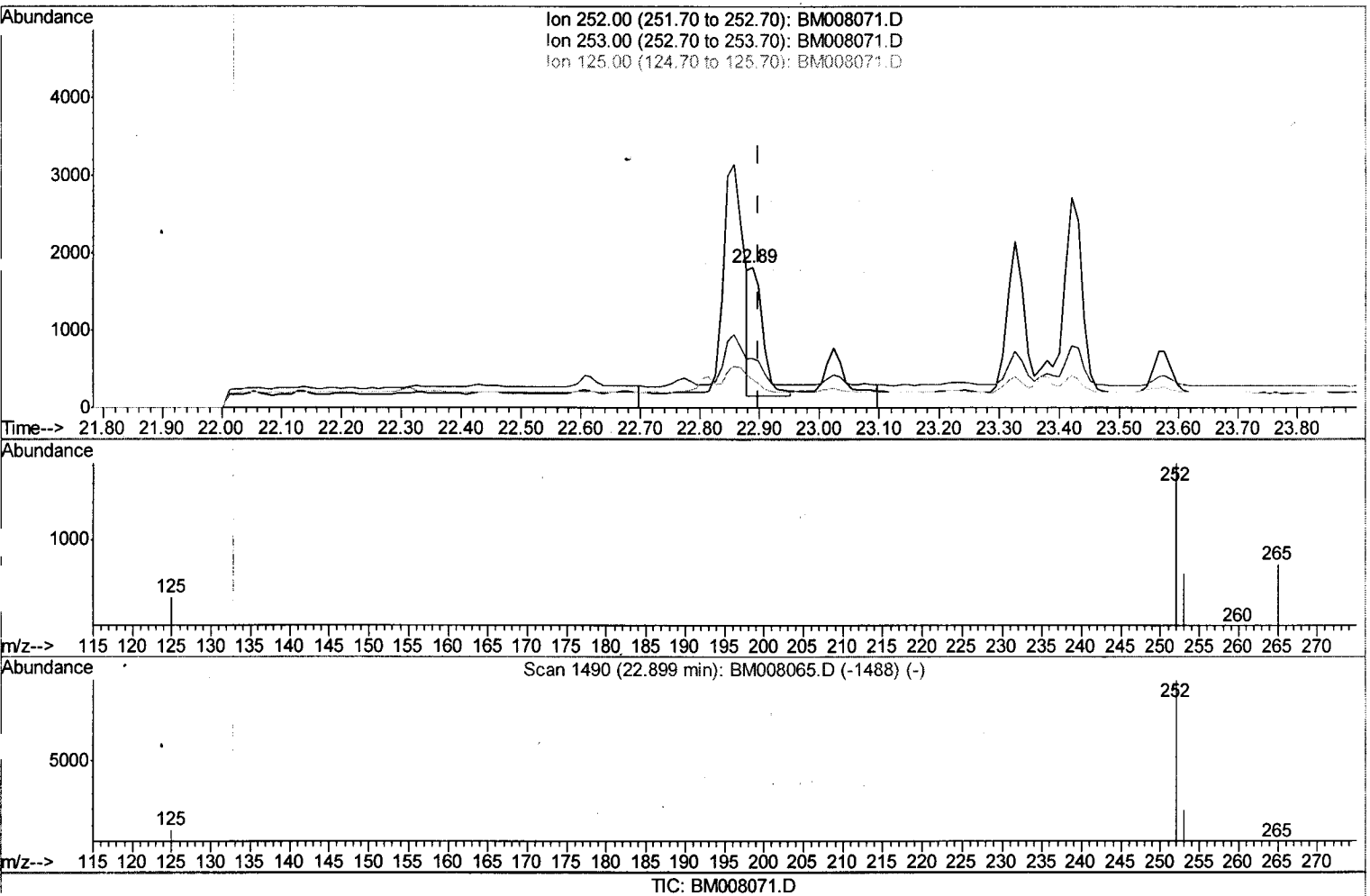
Instrument :
 BNA M
 ClientSampleId :
 A4WC8

Manual Integrations
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(22) Benzo(k)fluoranthene

22.888min (-0.010) 0.24ng/ul m

response 2534

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.09
125.00	17.10	20.70#
0.00	0.00	0.00

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Quantitation Report (Qedit)

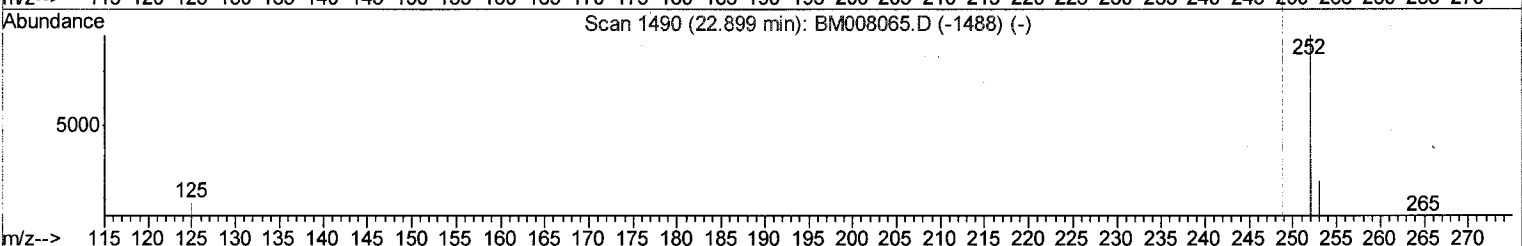
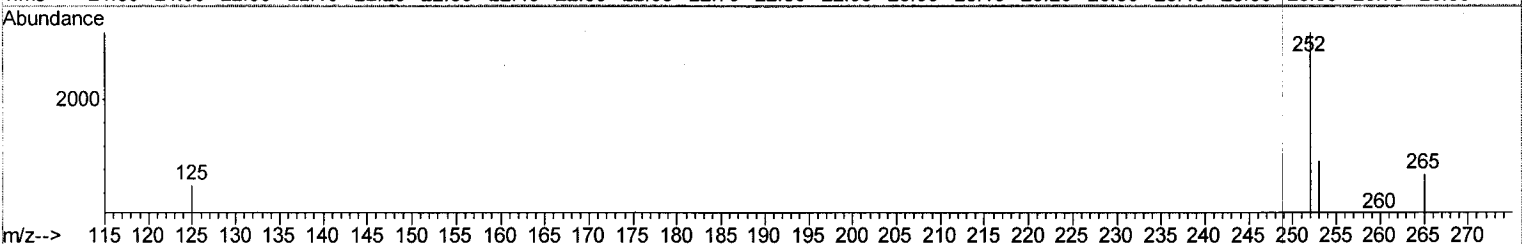
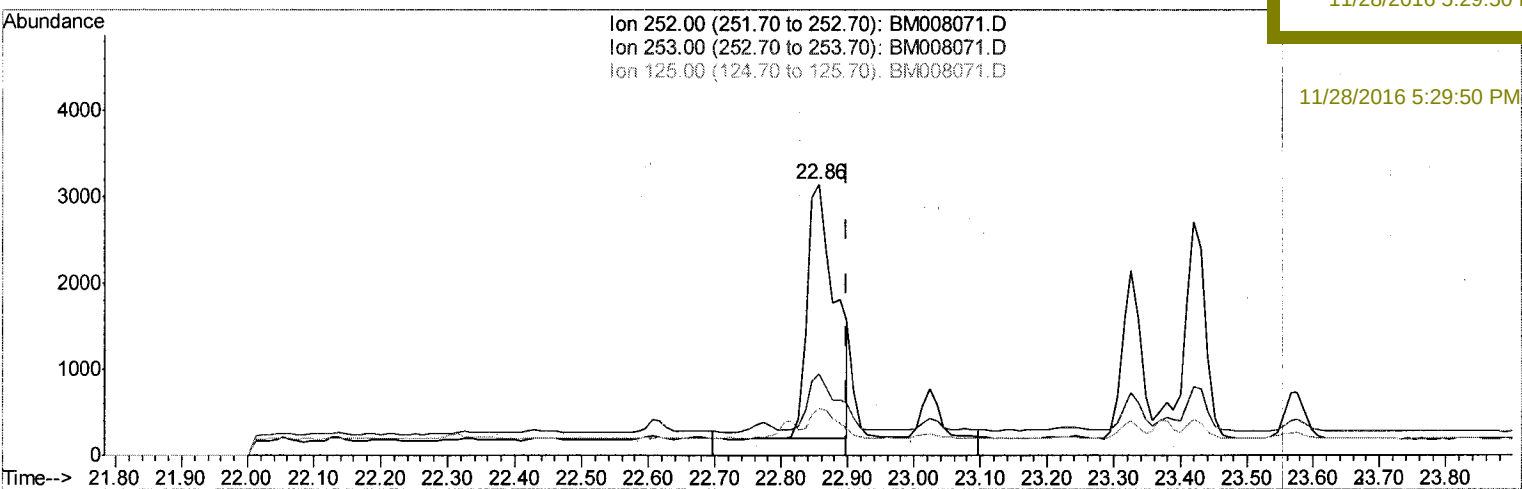
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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
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TIC: BM008071.D

(22) Benzo(k)fluoranthene
 22.857min (-0.042) 0.82ng/ul
 response 8718

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.15
125.00	17.10	17.21
0.00	0.00	0.00

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 ALS Vial : 37 Sample Multiplier: 1

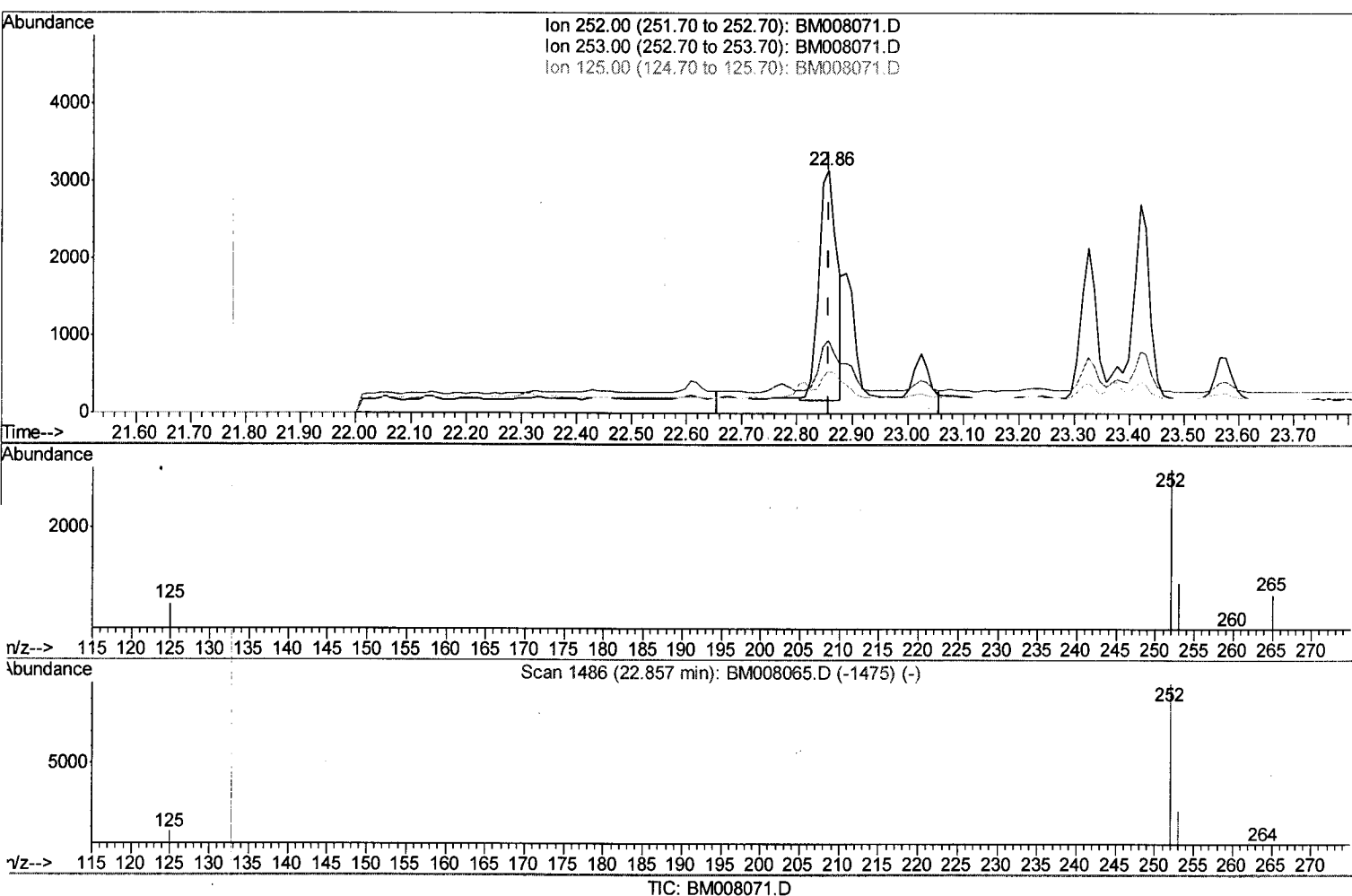
Instrument :
 BNA M
 ClientSampleId :
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(21) Benzo(b)fluoranthene

22.857min (-0.000) 0.67ng/ul m

response 6959

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	30.15
125.00	17.50	17.21
0.00	0.00	0.00

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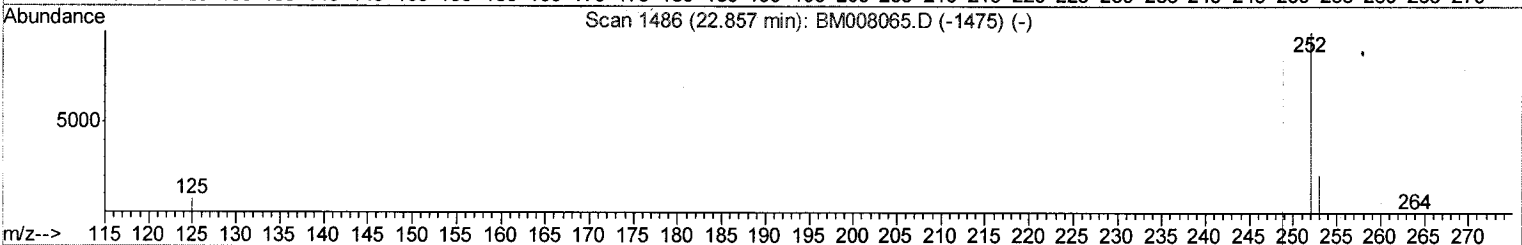
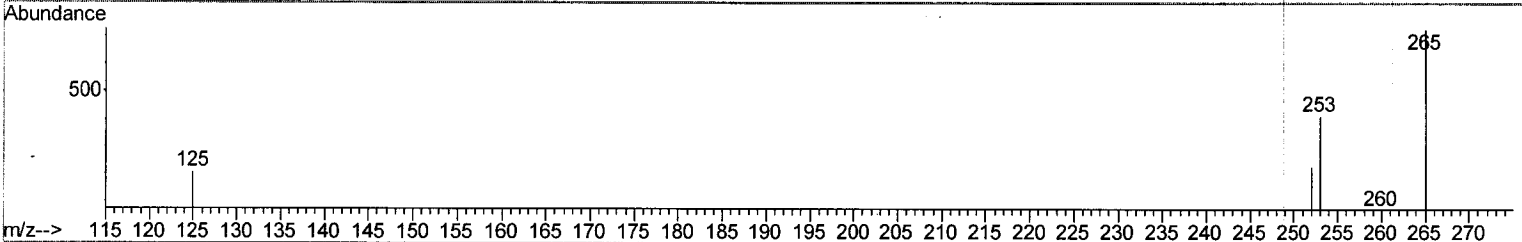
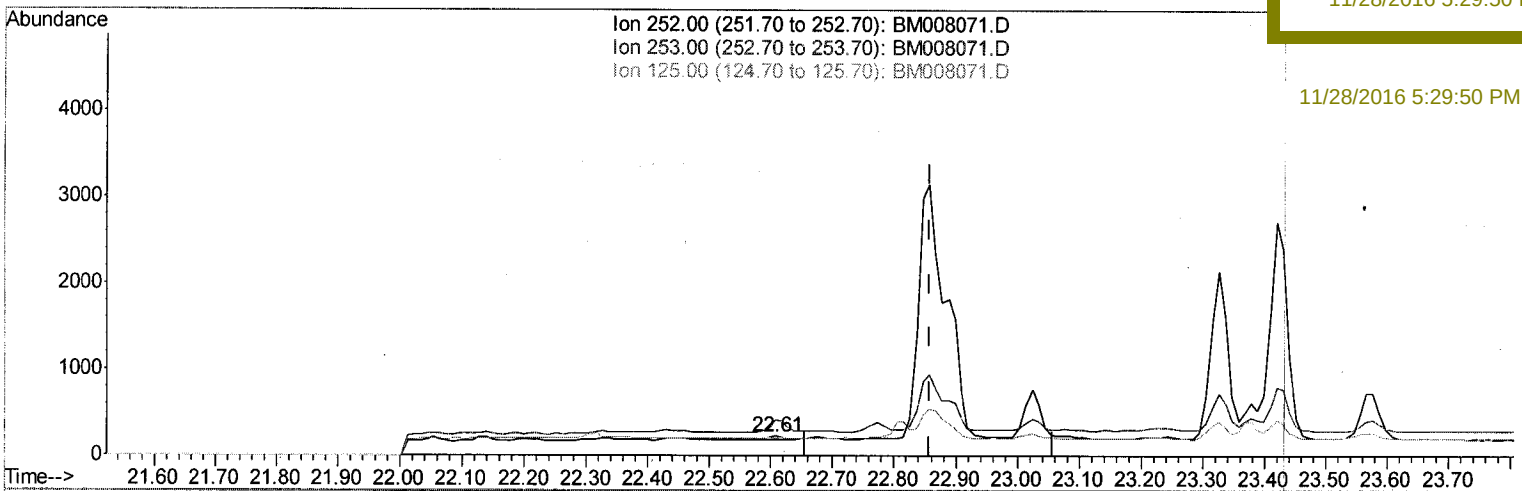
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TIC: BM008071.D

(21) Benzo(b)fluoranthene

22.607min (-0.250) 0.01ng/ul

response 87

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	181.50#
125.00	17.50	91.19#
0.00	0.00	0.00

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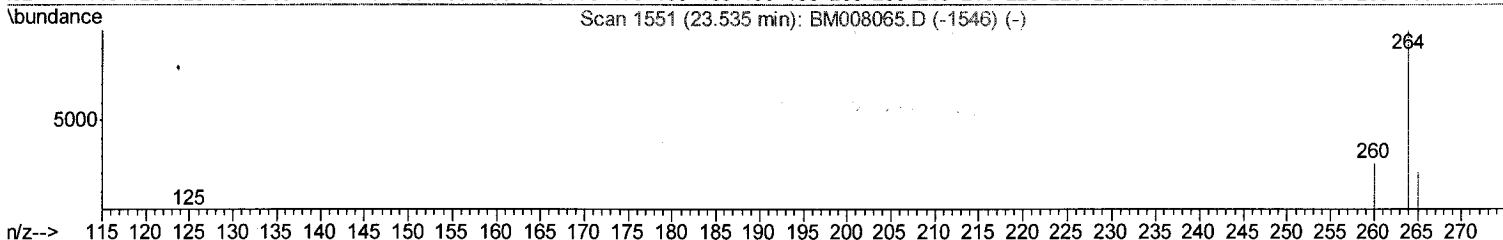
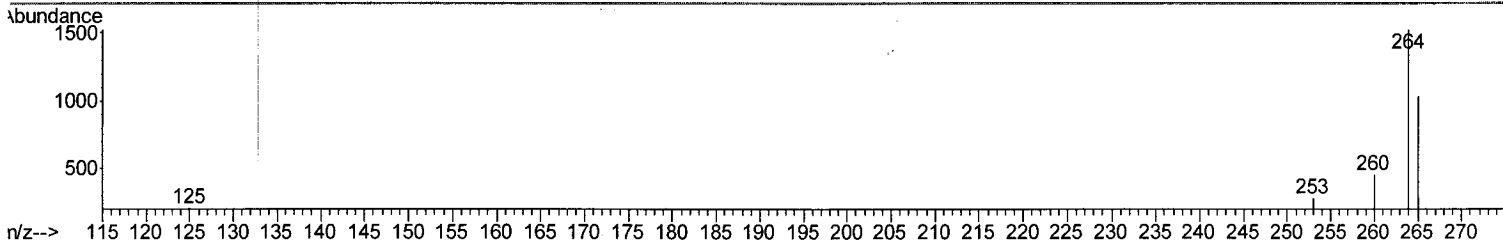
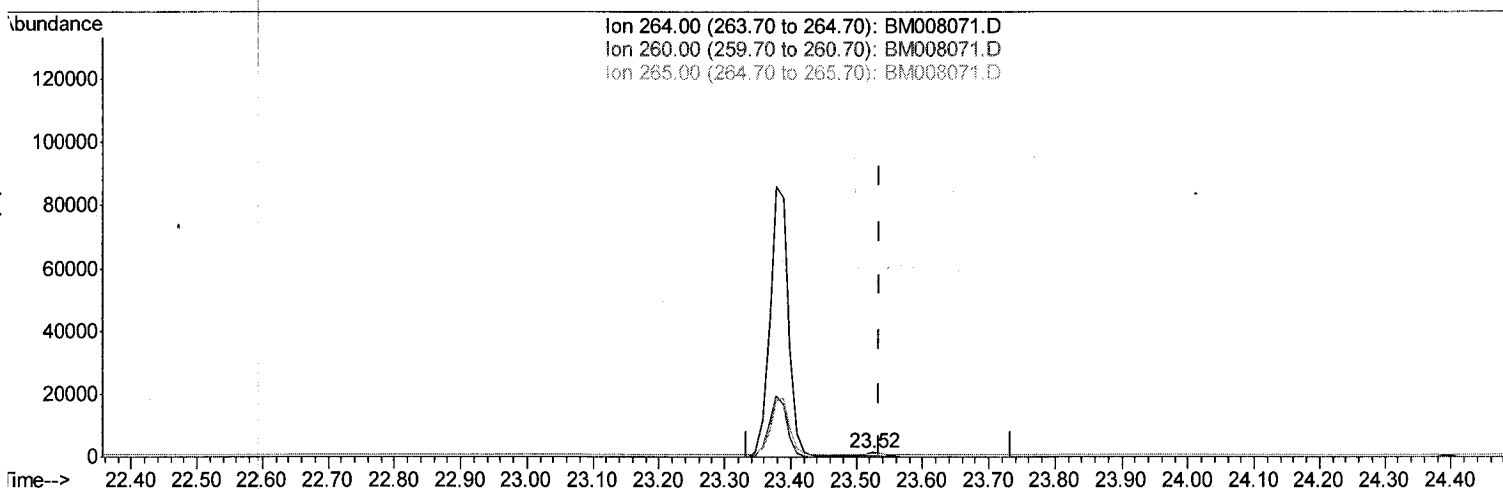
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TIC: BM008071.D

(20) Perylene-d12 (I)

23.524min (-0.010) 0.40ng/ul m

response 2586

Ion Exp% Act%

264.00 100 100

260.00 30.10 29.76

265.00 103.50 68.13#

0.00 0.00 0.00

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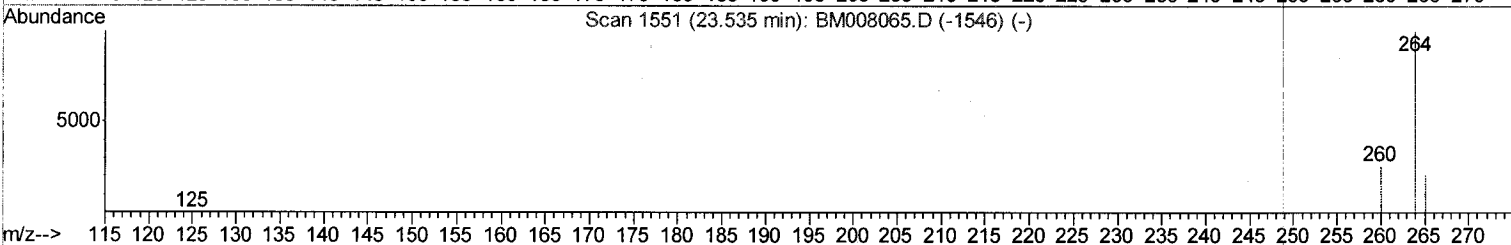
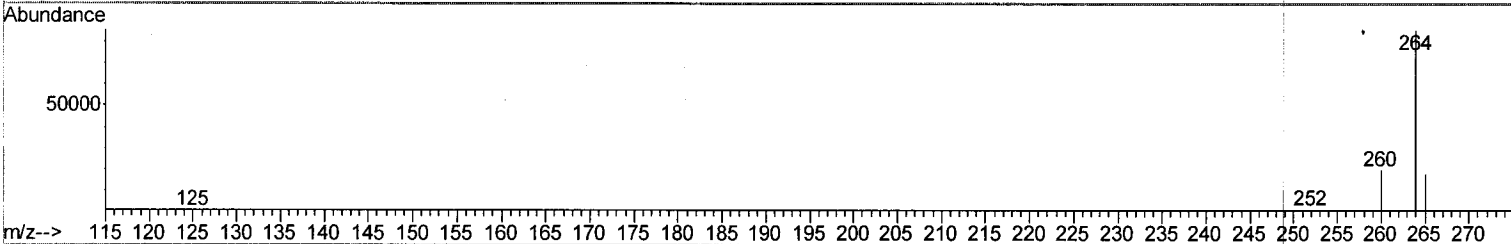
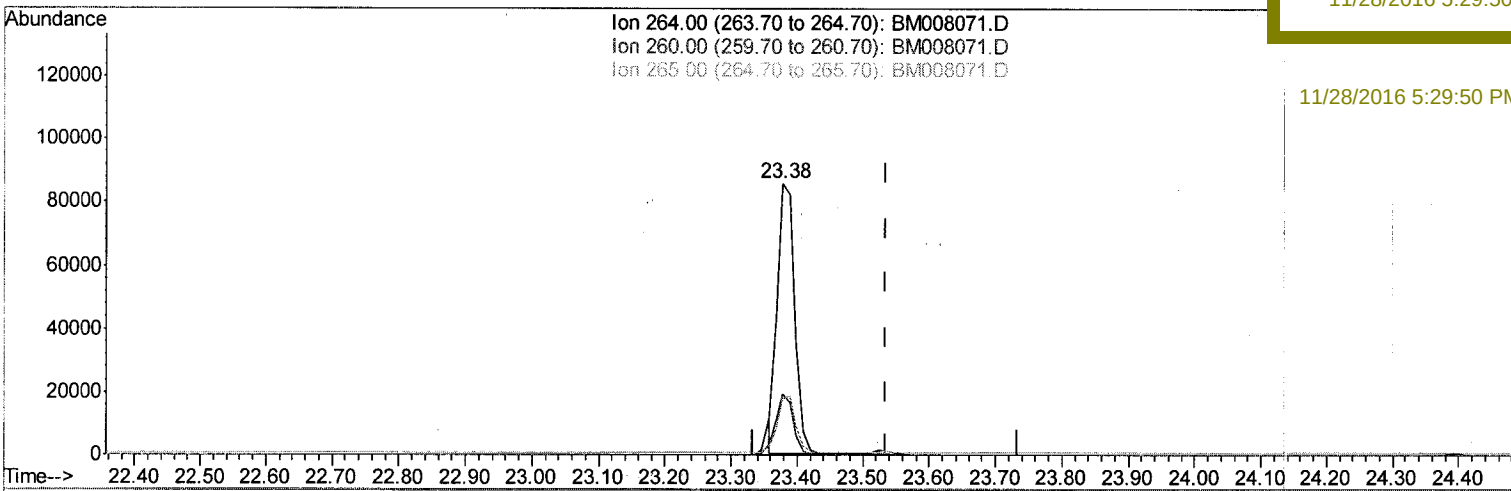
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 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 28 10:56:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 A4WC8

Manual Integrations
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TIC: BM008071.D

(20) Perylene-d12 (I)

23.378min (-0.156) 0.40ng/ul

response 160229

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.85#
265.00	103.50	20.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008071.D
 Acq On : 24 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

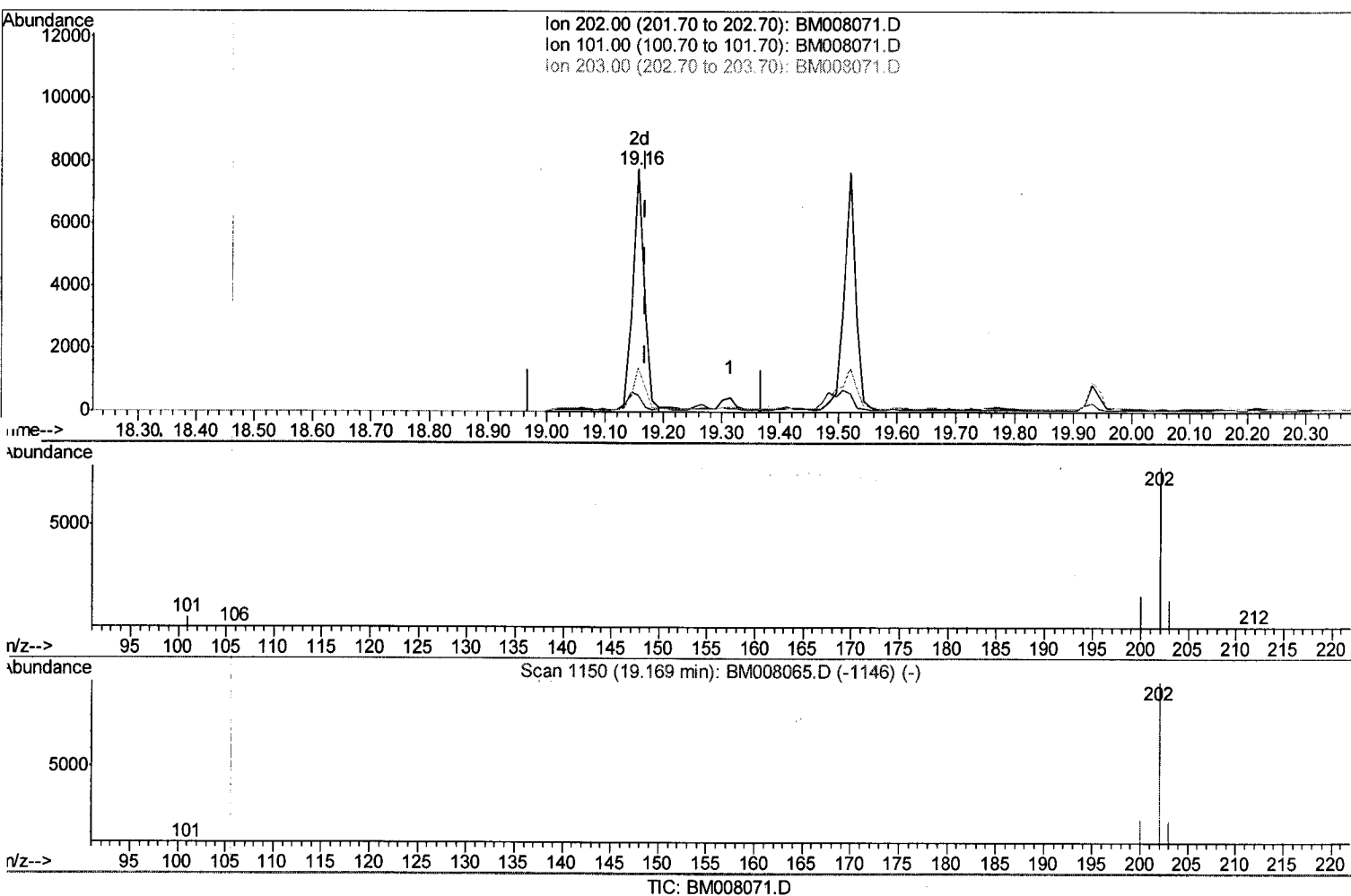
Instrument :
 BNA_M
 ClientSampleId :
 A4WC8

Manual Integrations
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Quant Time: Nov 28 10:56:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
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 QLast Update : Fri Nov 25 01:27:01 2016
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(15) Fluoranthene (C)

19.157min (-0.012) 0.84ng/ul m

response 10624

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	6.82
203.00	19.50	18.02
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008071.D
 Acq On : 24 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

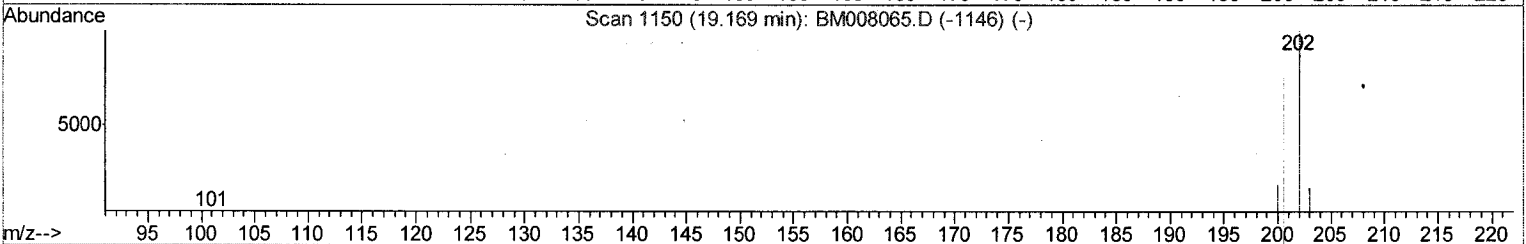
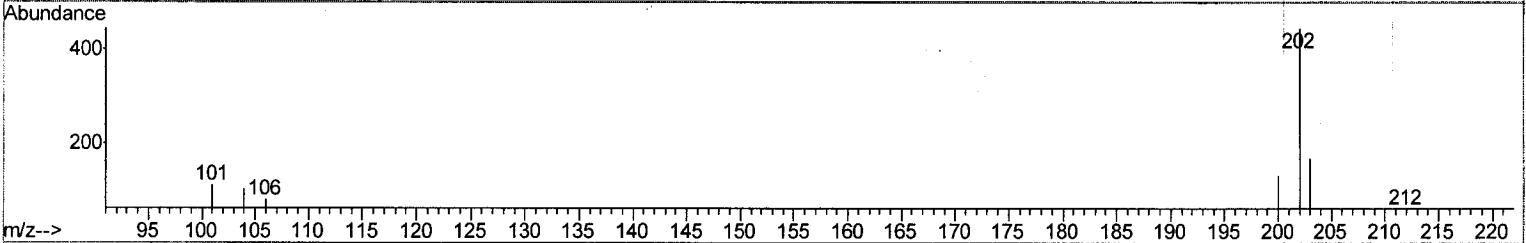
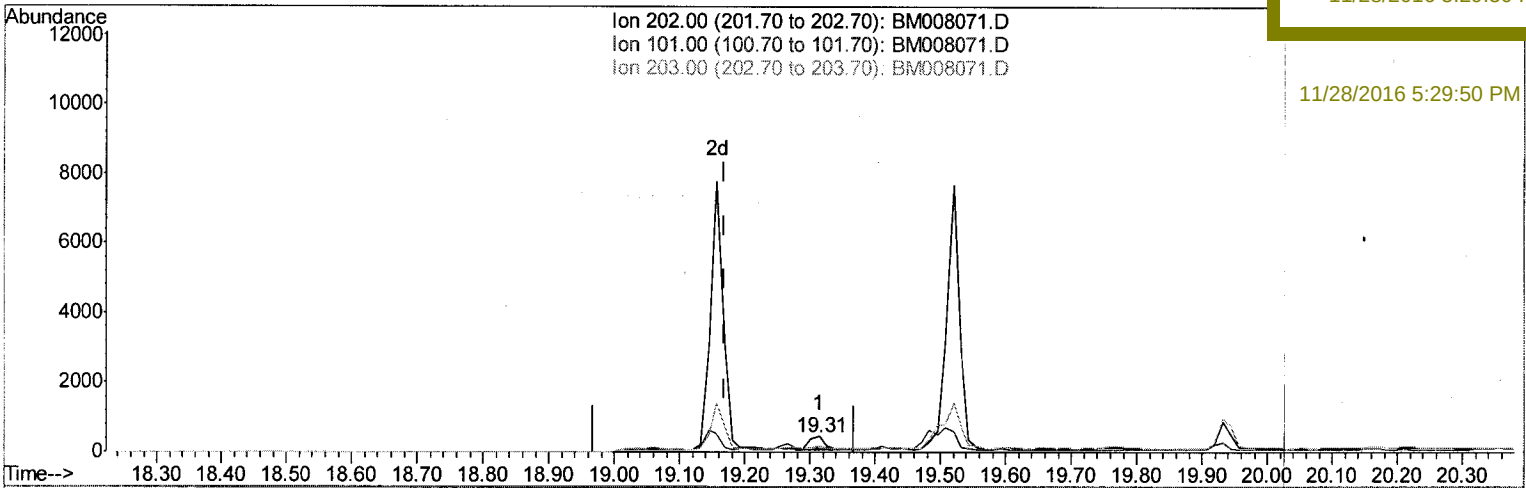
Quant Time: Nov 28 10:56:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 A4WC8

Manual Integrations
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TIC: BM008071.D

(15) Fluoranthene (C)

19.314min (+0.145) 0.05ng/ul

response 611

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	24.55
203.00	19.50	38.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008071.D
 Acq On : 24 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

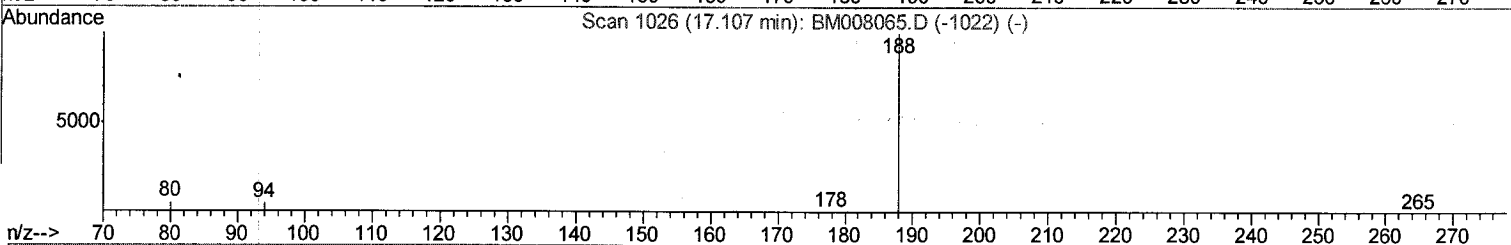
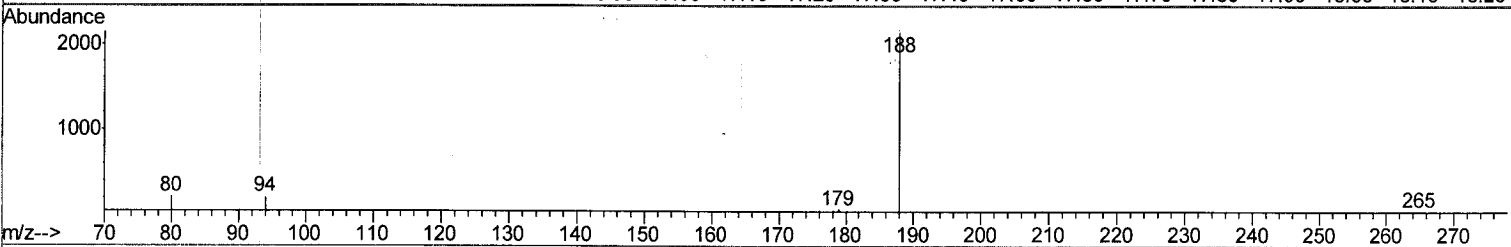
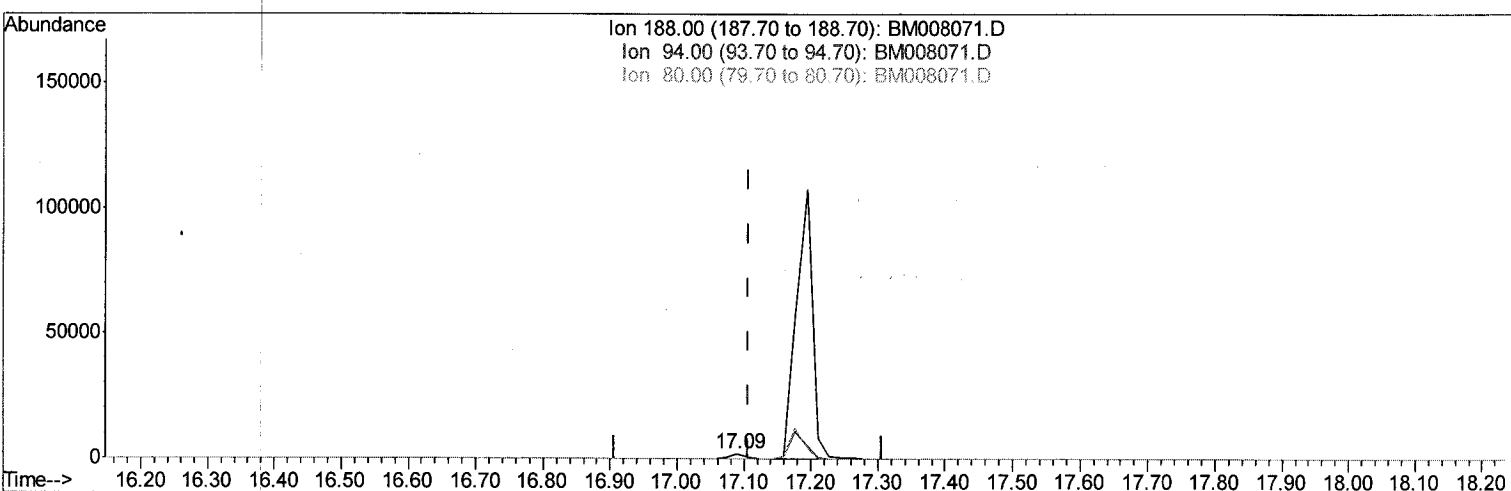
Instrument :
 BNA M
 ClientSampleId :
 A4WC8

Manual Integrations
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Quant Time: Nov 28 10:56:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

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TIC: BM008071.D

(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 3150

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.64
80.00	11.80	9.93
0.00	0.00	0.00

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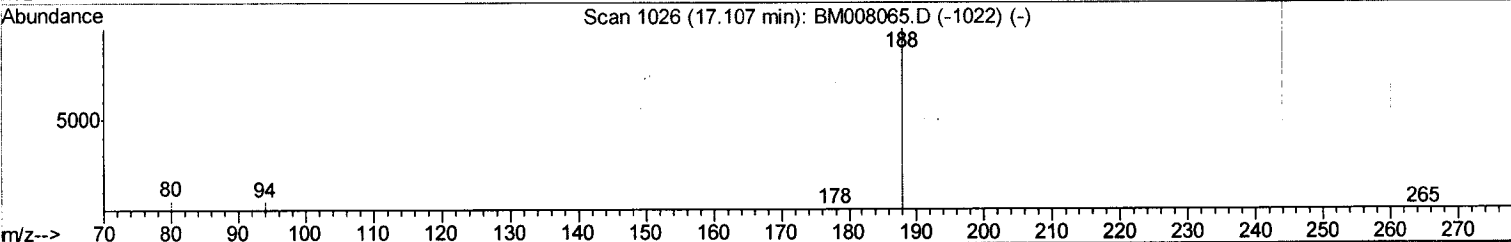
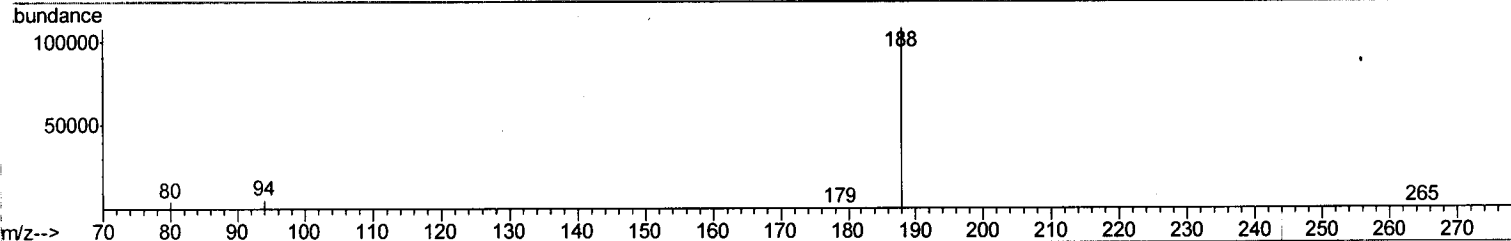
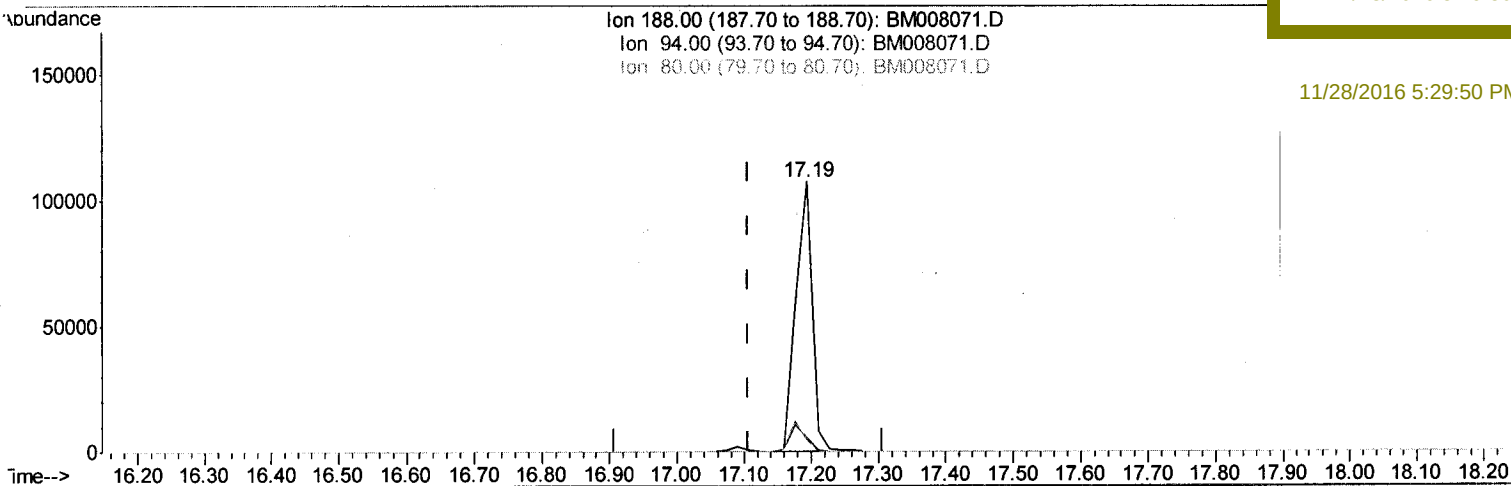
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008071.D
 Acq On : 24 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WC8

Quant Time: Nov 28 10:56:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008071.D

(10) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 179956

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.07#
80.00	11.80	4.05#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008071.D
 Acq On : 24 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WC8

Quant Time: Nov 28 11:00:17 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	718	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2524	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1571	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3150m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3047	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	2586m	0.40	ng/ul	-0.01

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	982	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	2323	0.26	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	159	0.02	ng/ul#	34
7) Acenaphthylene	14.06	152	863	0.12	ng/ul#	88
9) Fluorene	15.39	166	185	0.03	ng/ul#	75
12) Phenanthrene	17.12	178	3712	0.38	ng/ul	100
13) Anthracene	17.23	178	1123	0.12	ng/ul#	88
15) Fluoranthene	19.16	202	10624m	0.84	ng/ul	
17) Pyrene	19.52	202	10568	1.00	ng/ul	97
18) Benzo(a)anthracene	21.27	228	4939	0.53	ng/ul#	93
19) Chrysene	21.32	228	5327	0.46	ng/ul	96
21) Benzo(b)fluoranthene	22.86	252	6959m	0.67	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	2534m	0.24	ng/ul	
23) Benzo(a)pyrene	23.42	252	5167m	0.53	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	3515m	0.29	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	1171m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	3214m	0.30	ng/ul	

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