

Quantitation Report (QT Reviewed)

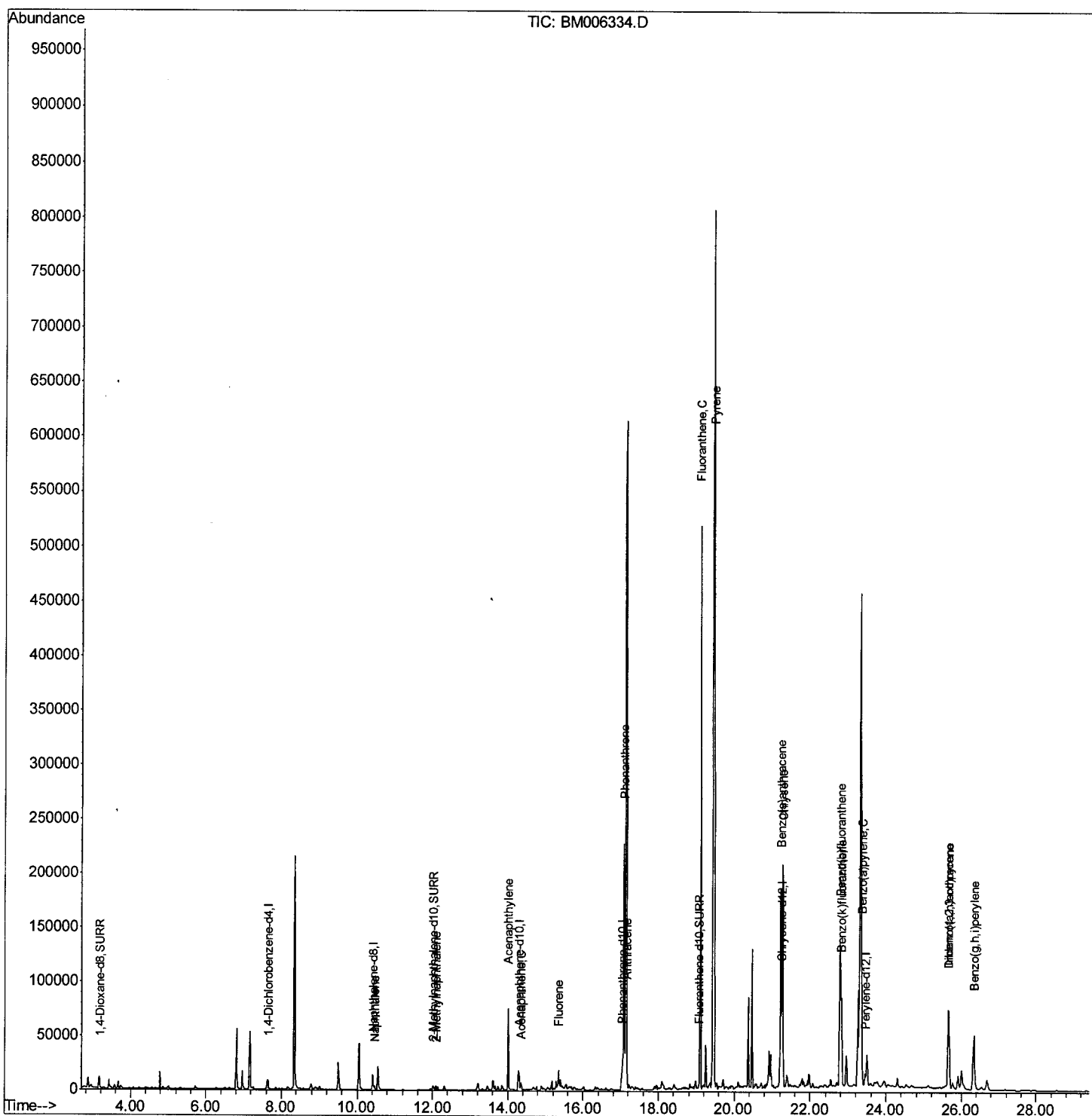
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006334.D
 Acq On : 08 Jul 2016 00:07
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW2

Manual Integration

APPROVED
 umangi
 7/8/2016 7:14:14 PM

Quant Time: Jul 08 07:42:40 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

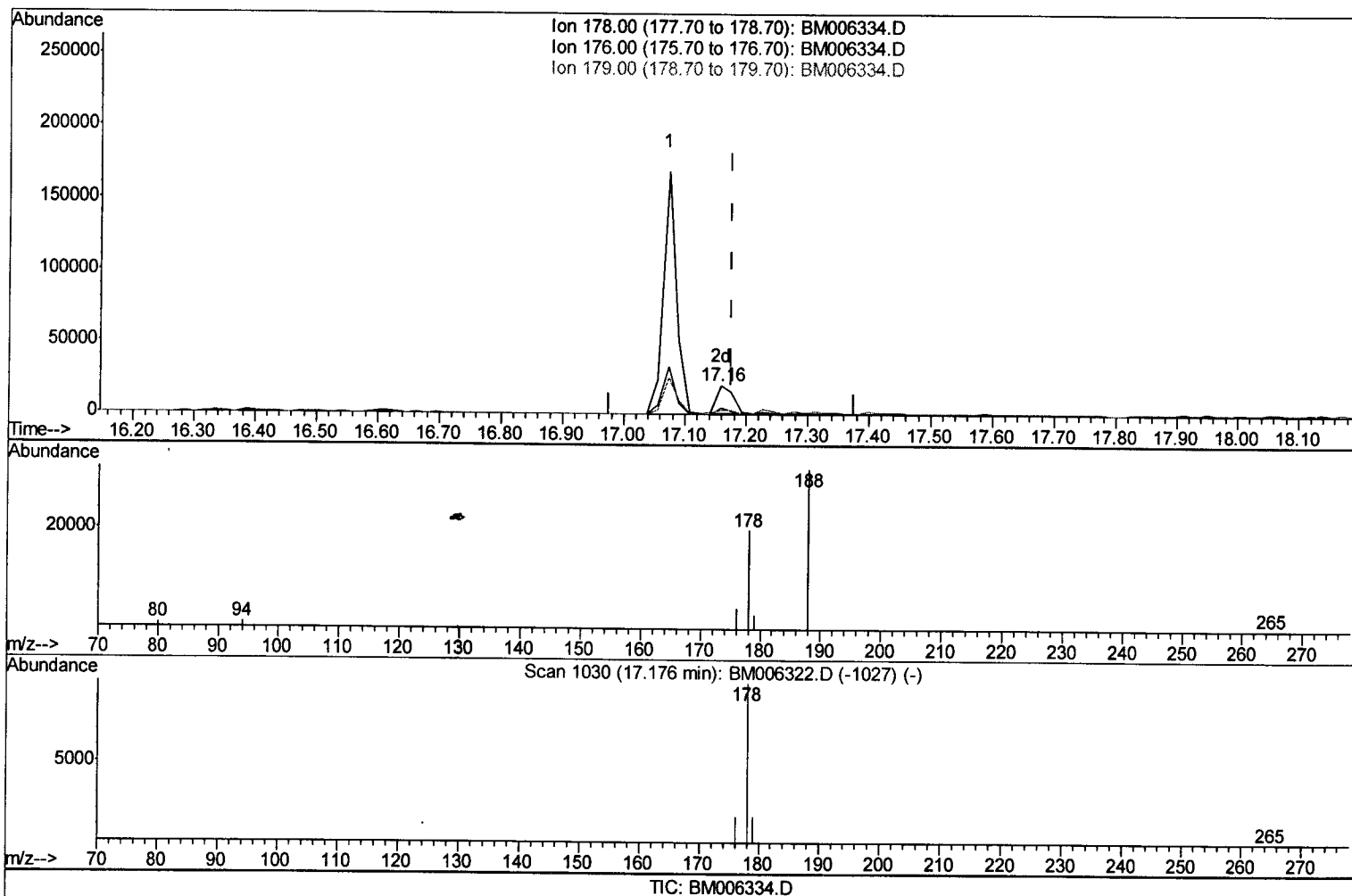
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006334.D
 Acq On : 08 Jul 2016 00:07
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW2

Manual Integration

Quant Time: Jul 08 03:47:52 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

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(15) Anthracene

17.159min (-0.017) 0.50ng/ul m U.M

response 35103

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	21.53#
179.00	16.10	15.25
0.00	0.00	0.00

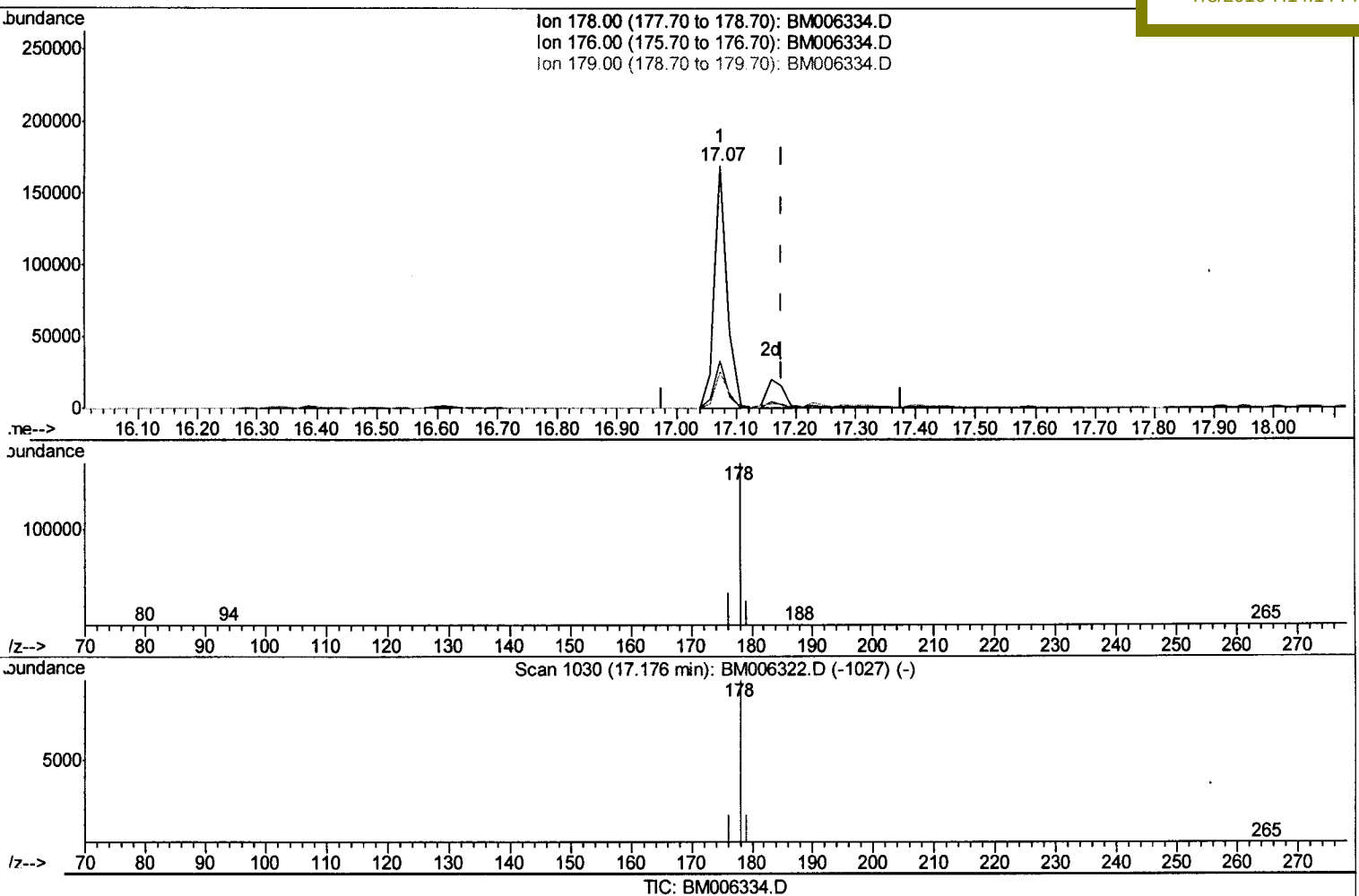
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
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(15) Anthracene

17.073min (-0.103) 3.60ng/ul

response 252654

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	19.66
179.00	16.10	14.97
0.00	0.00	0.00

Quantitation Report (Qedit)

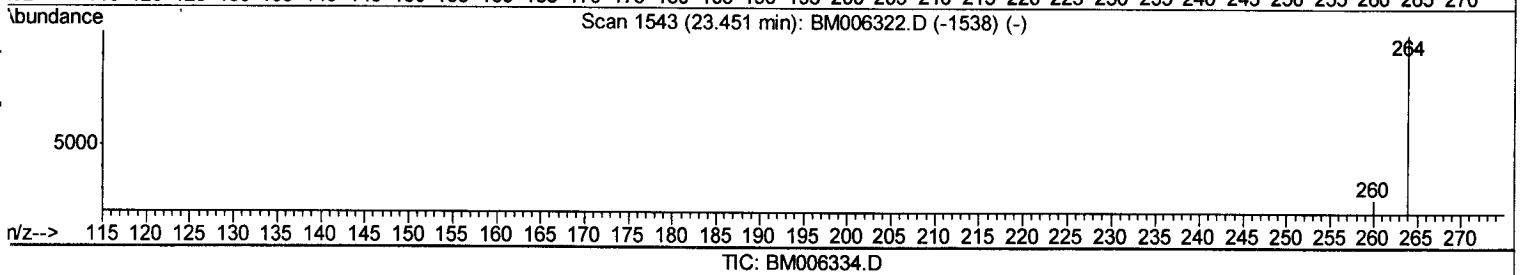
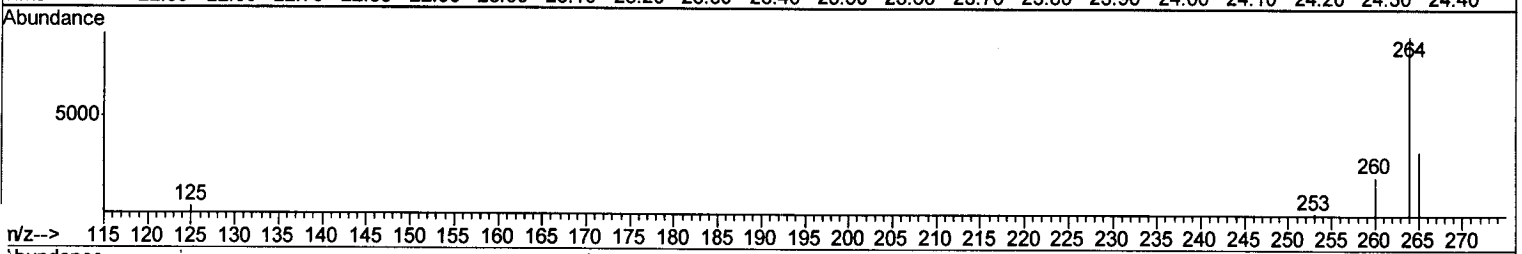
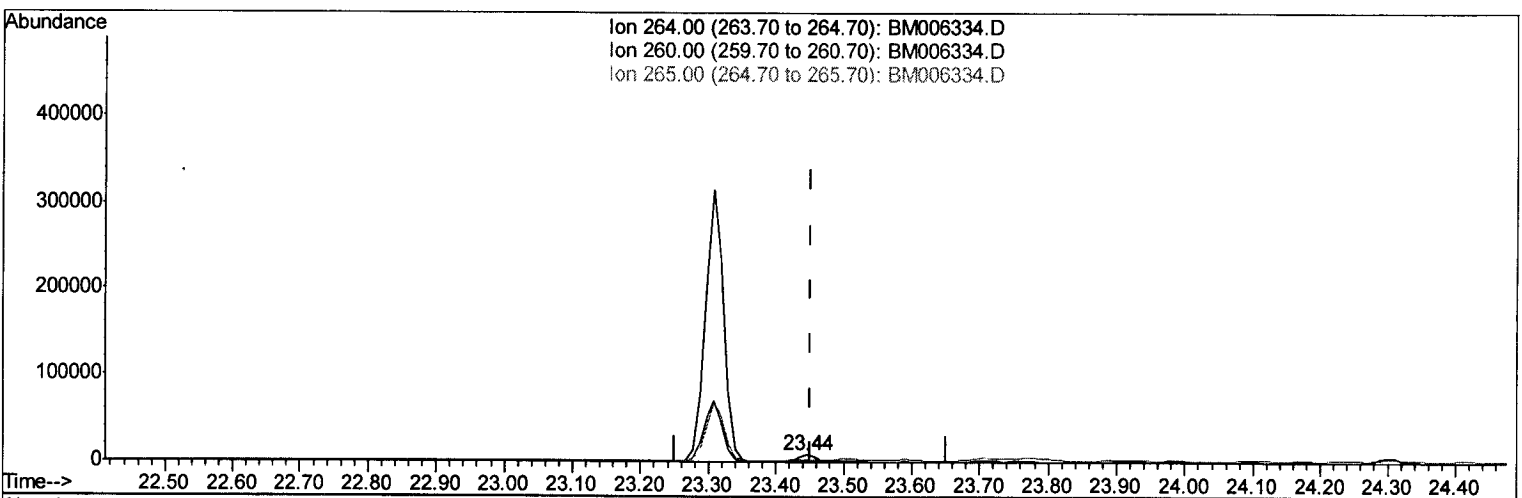
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TIC: BM006334.D

(22) Perylene-d12 (I)

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

response 14072

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	29.68
265.00	38.20	42.40
0.00	0.00	0.00

07/12/16

Quantitation Report (Qedit)

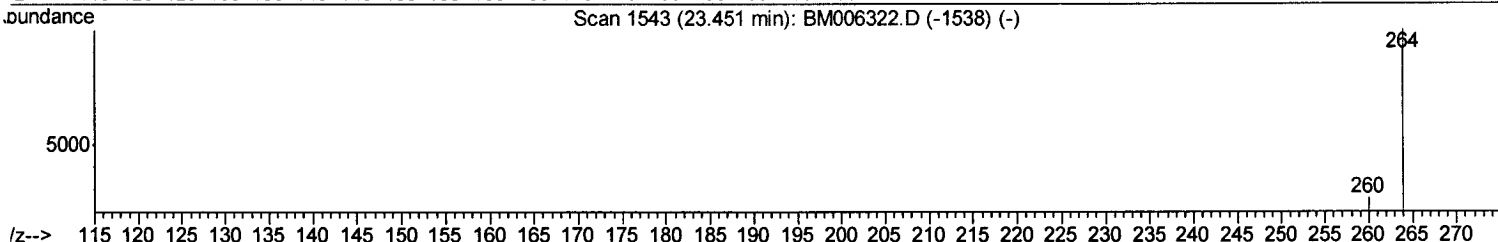
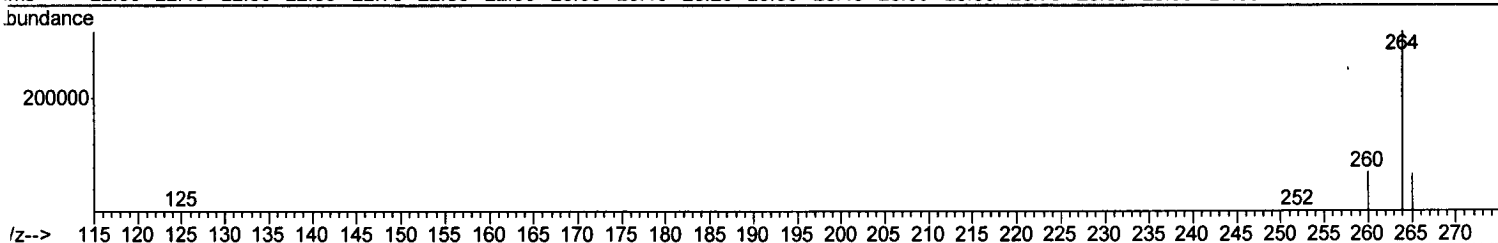
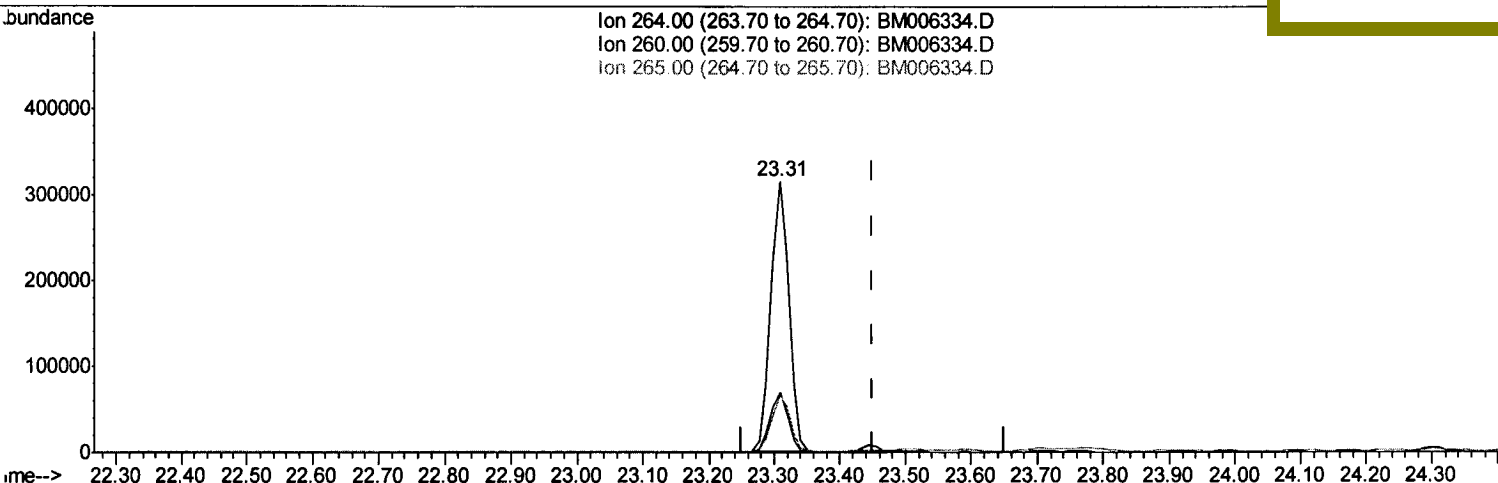
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TIC: BM006334.D

(22) Perylene-d12 (I)

23.309min (-0.143) 0.40ng/ul

response 594164

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.28
265.00	38.20	21.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

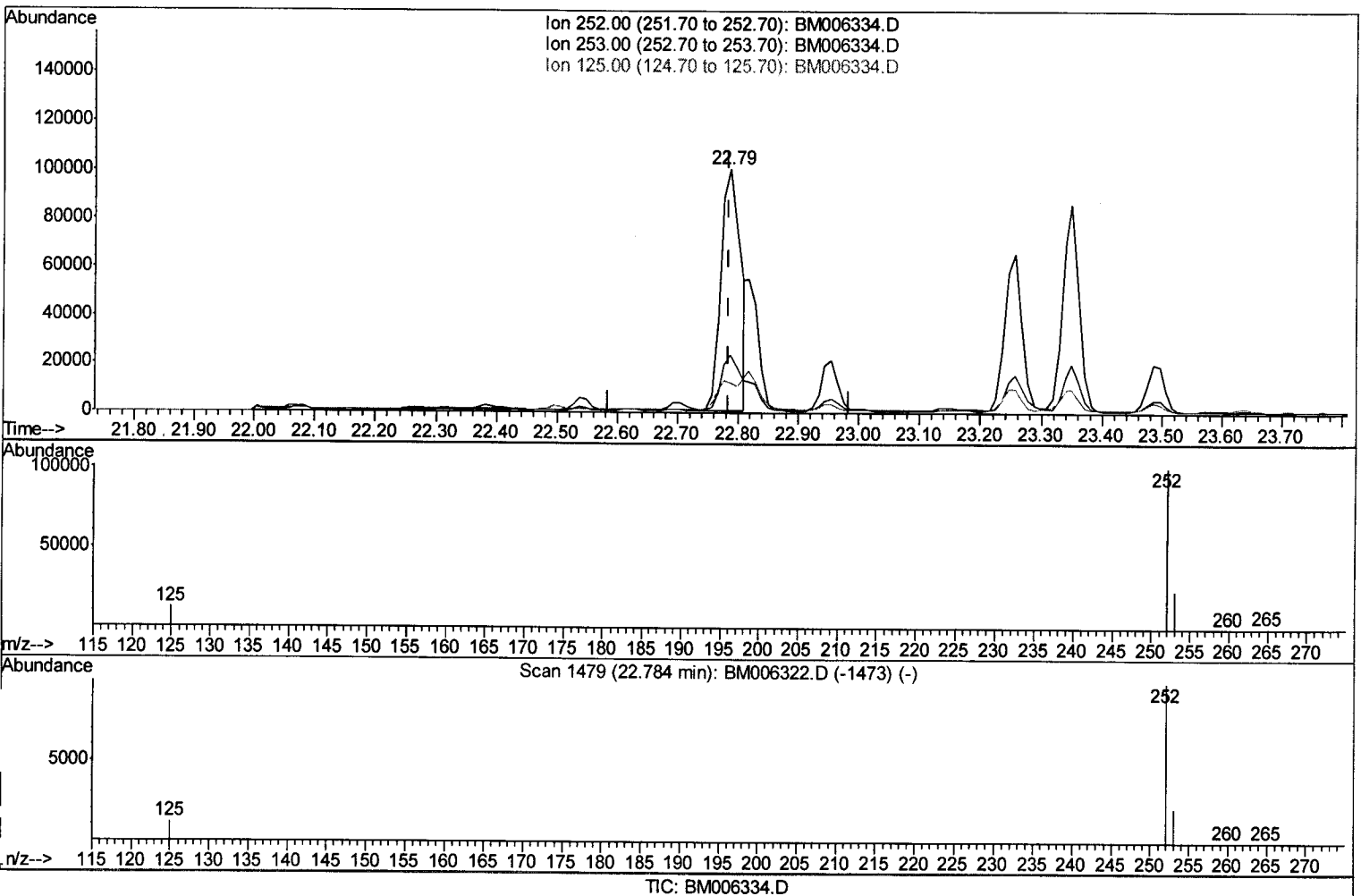
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006334.D
 Acq On : 08 Jul 2016 00:07
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integration

Quant Time: Jul 08 07:38:49 2016
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(23) Benzo(b)fluoranthene

22.787min (+0.003) 4.50ng/ul m

response 226587

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.71
125.00	14.40	12.32
0.00	0.00	0.00

U.M
 07/12/16

Quantitation Report (Qedit)

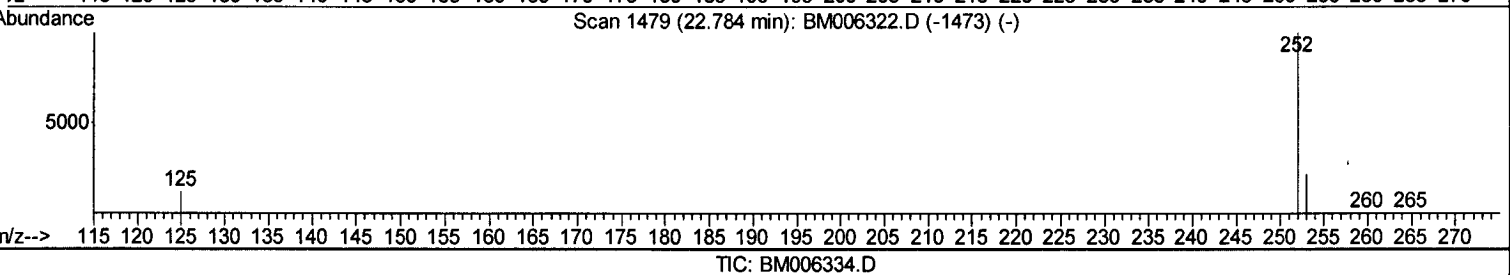
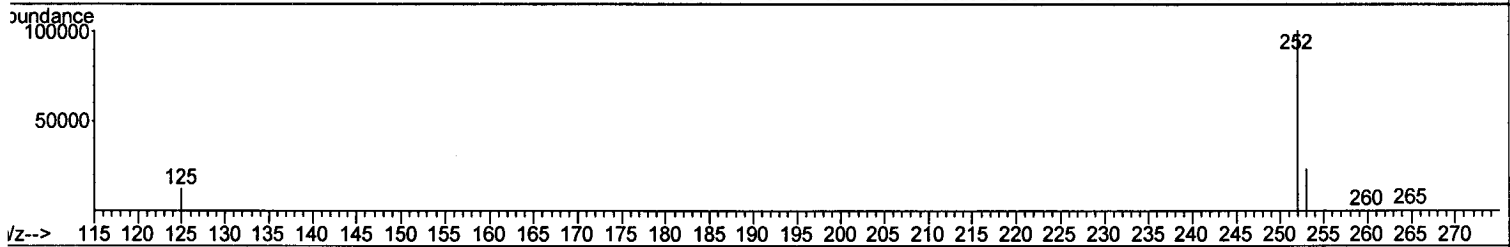
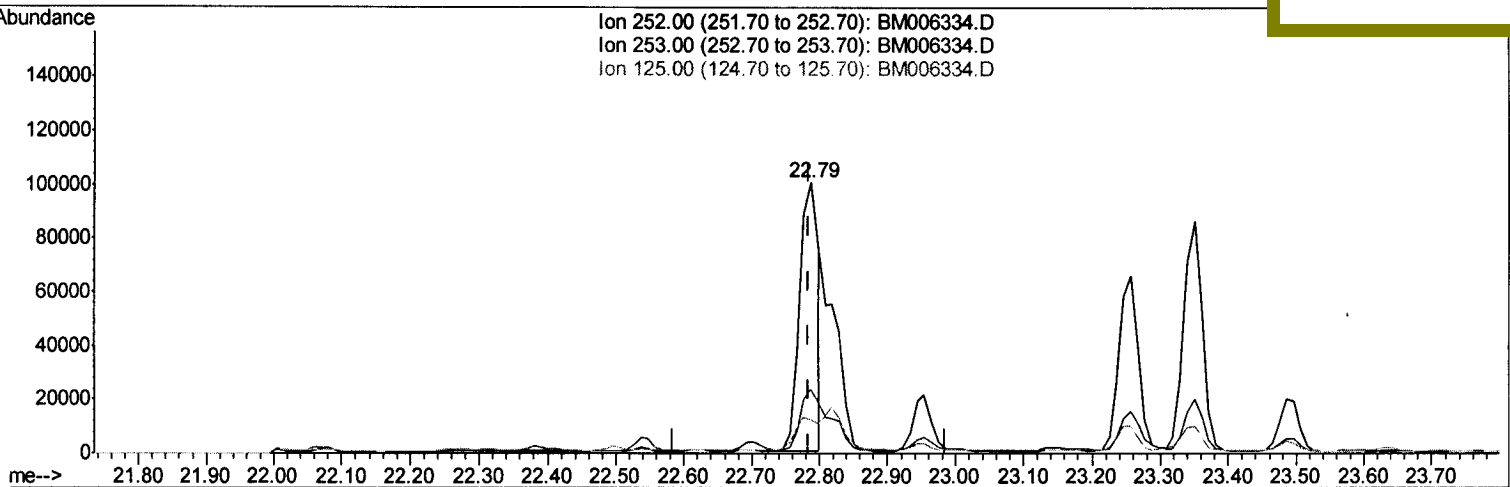
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Data File : BM006334.D
Acq On : 08 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TW2

Manual Integration

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(23) Benzo(b)fluoranthene

22.787min (+0.003) 3.82ng/ul

response 192267

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.71
125.00	14.40	12.32
0.00	0.00	0.00

Quantitation Report (Qedit)

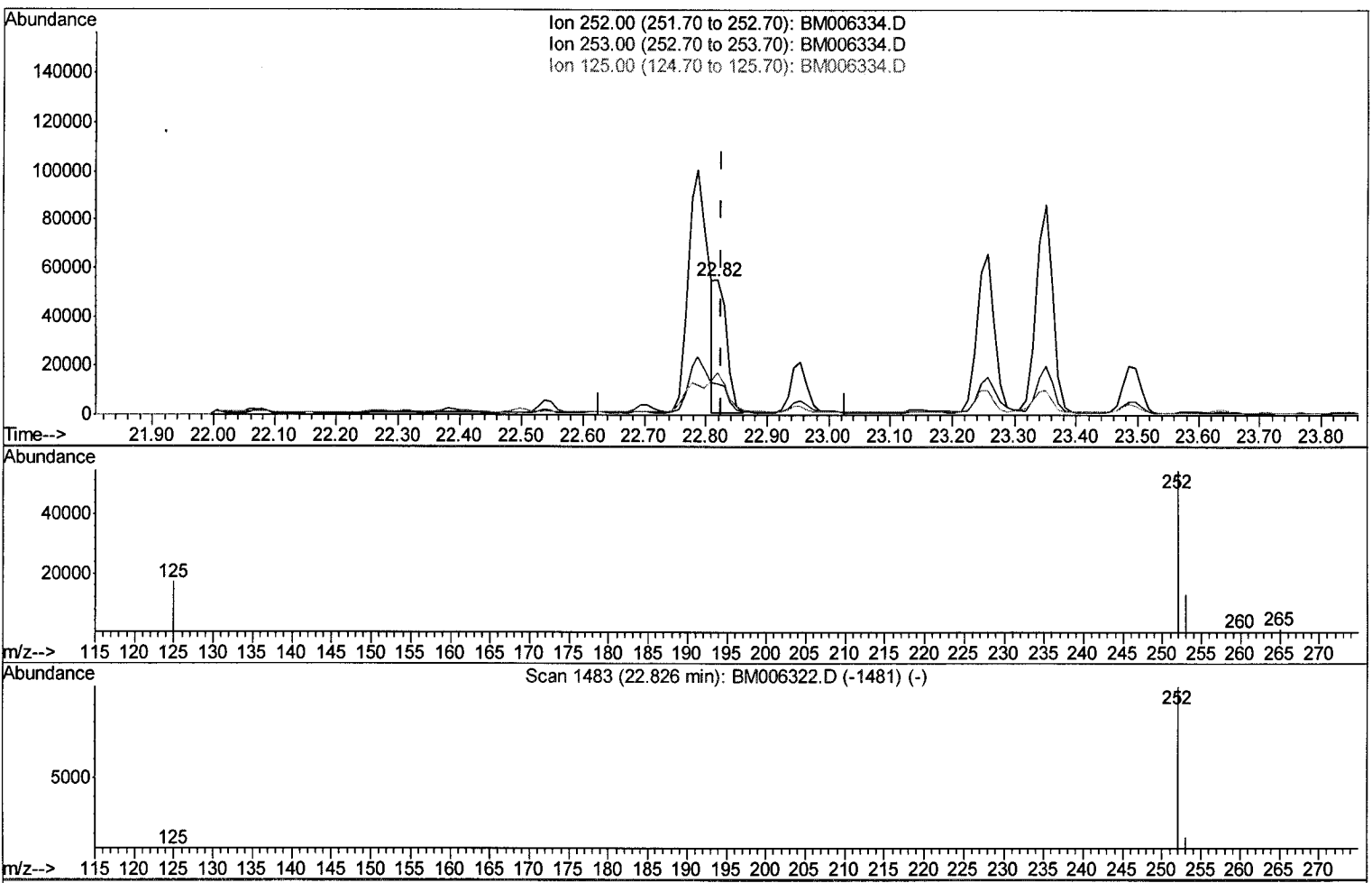
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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Manual Integration

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TIC: BM006334.D

(24) Benzo(k)fluoranthene

22.819min (-0.007) 1.56ng/ul m

response 73181

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.49
125.00	13.00	31.14#
0.00	0.00	0.00

U.M
 07/12/16

Quantitation Report (Qedit)

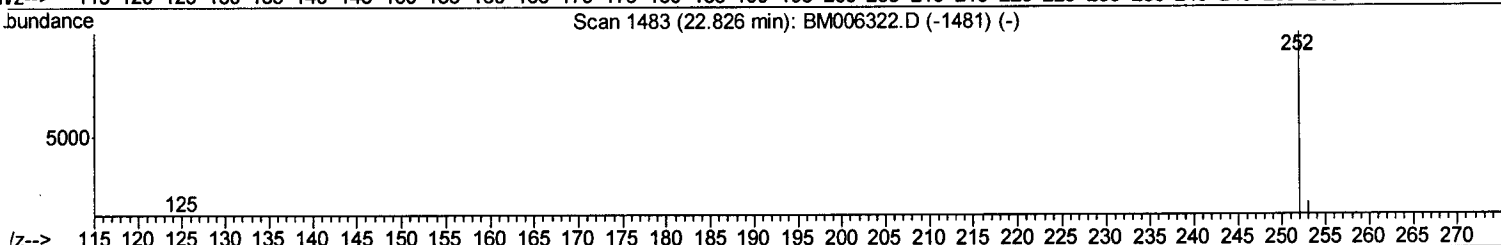
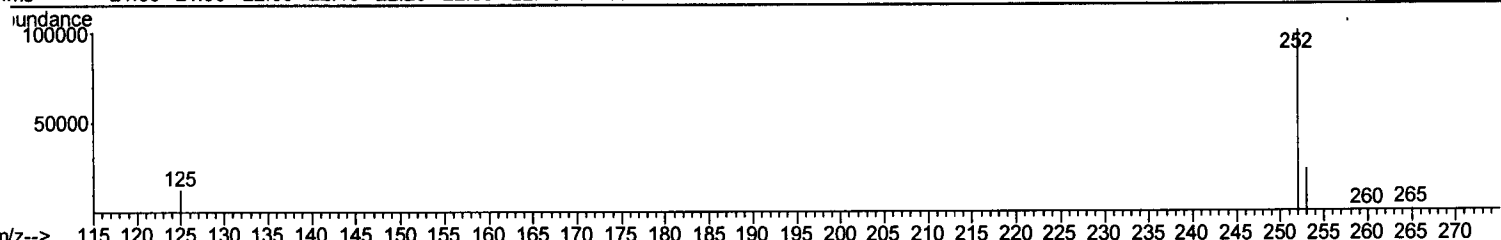
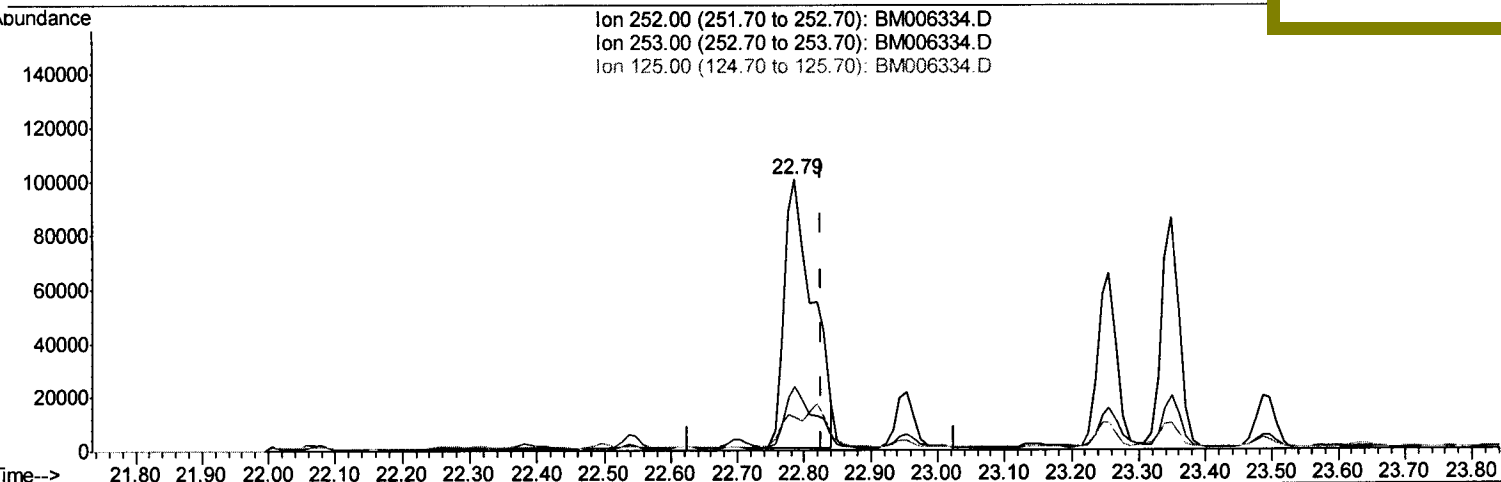
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 Data File : BM006334.D
 Acq On : 08 Jul 2016 00:07
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW2

Manual Integration

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TIC: BM006334.D

(24) Benzo(k)fluoranthene

22.787min (-0.039) 6.35ng/ul

response 297774

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.71
125.00	13.00	12.32
0.00	0.00	0.00

Quantitation Report (Qedit)

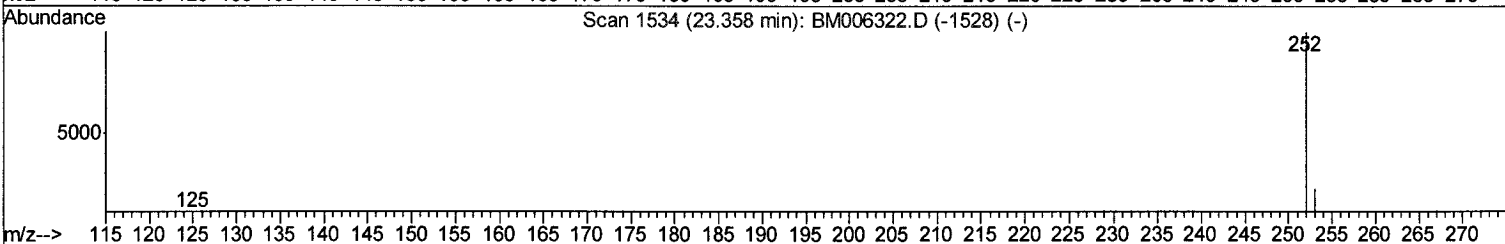
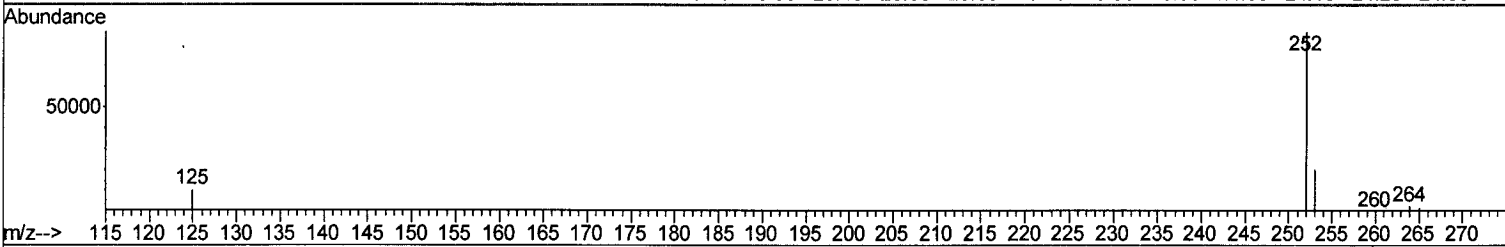
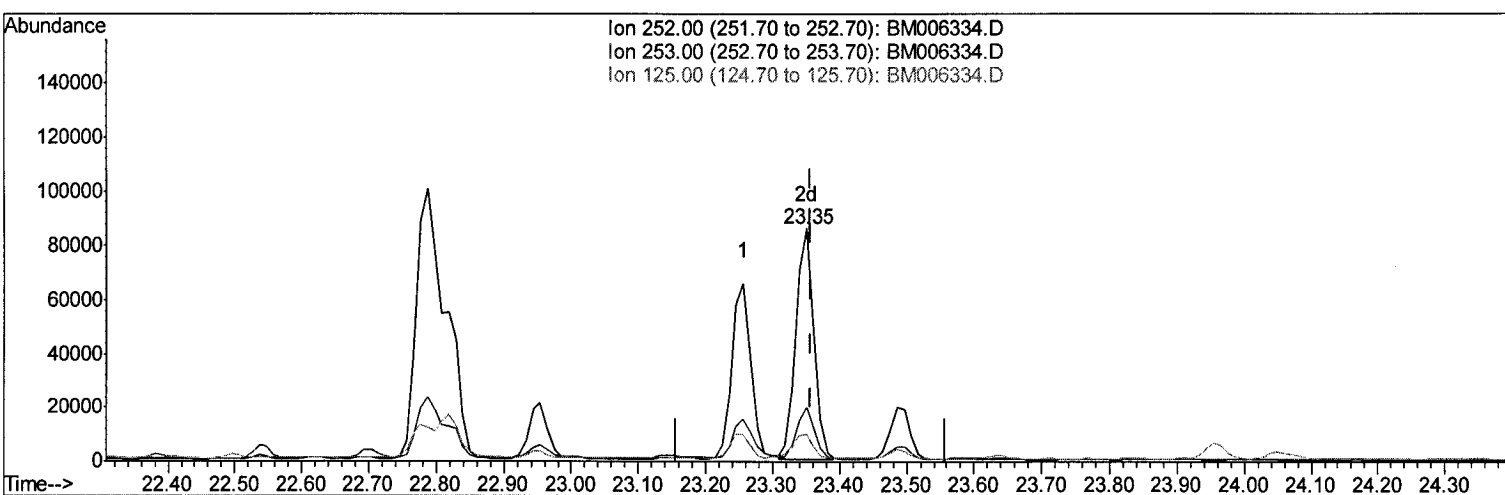
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 Sample : H3811-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW2

Manual Integration

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(25) Benzo(a)pyrene (C)

23.350min (-0.007) 3.38ng/ul m

response 158561

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	23.30
125.00	15.90	11.86#
0.00	0.00	0.00

U.M
 07/12/16

Quantitation Report (Qedit)

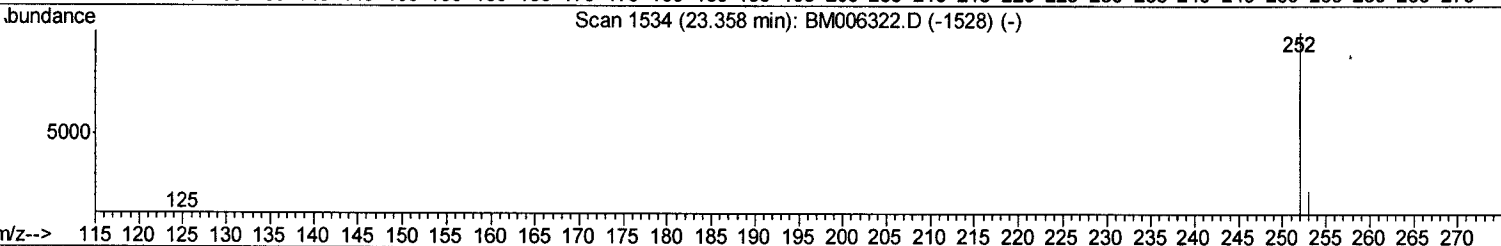
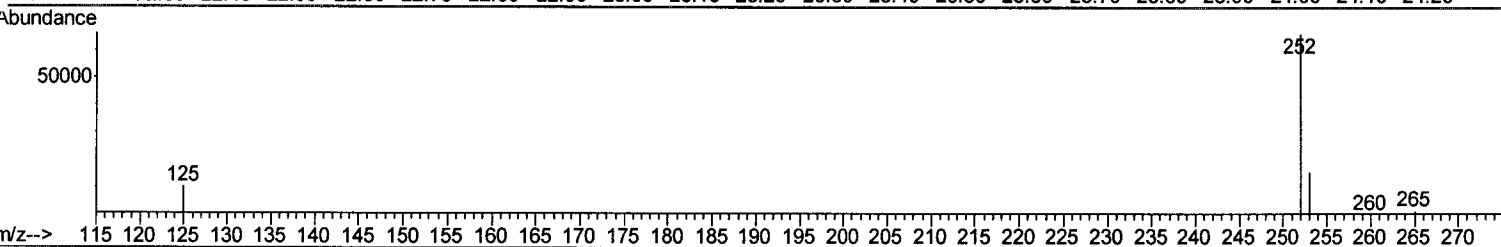
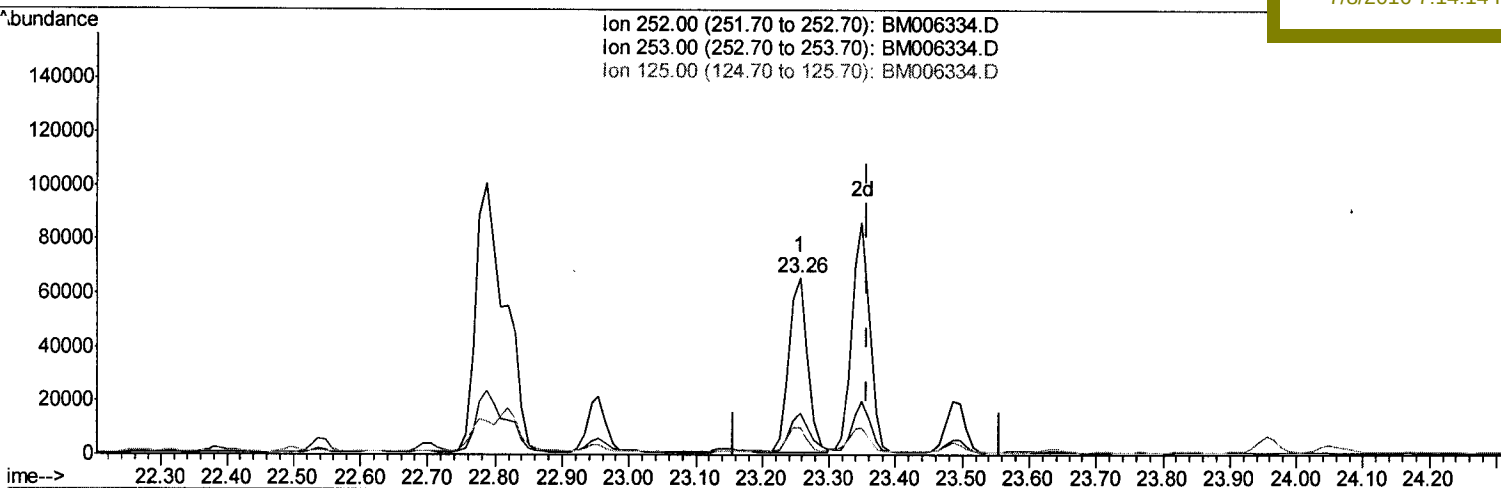
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 Data File : BM006334.D
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrati

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TIC: BM006334.D

(25) Benzo(a)pyrene (C)

23.256min (-0.101) 2.73ng/ul

response 128134

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	23.85
125.00	15.90	15.27
0.00	0.00	0.00

Quantitation Report (Qedit)

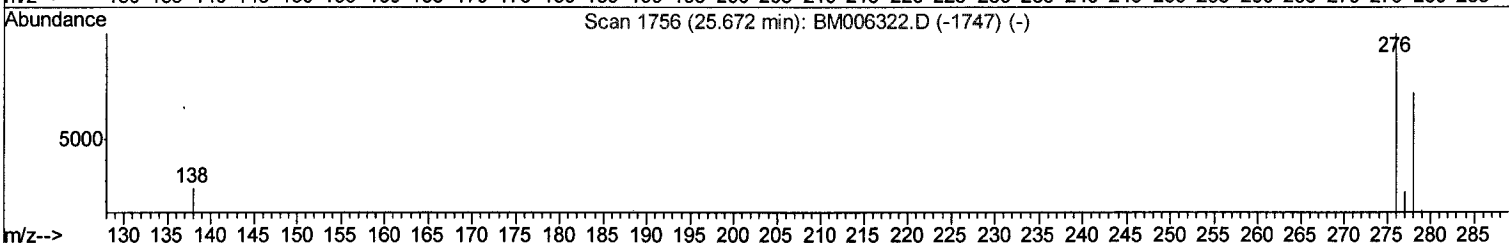
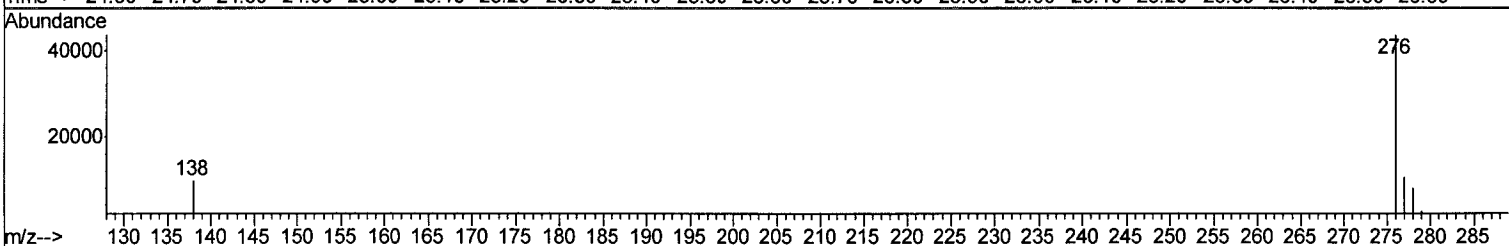
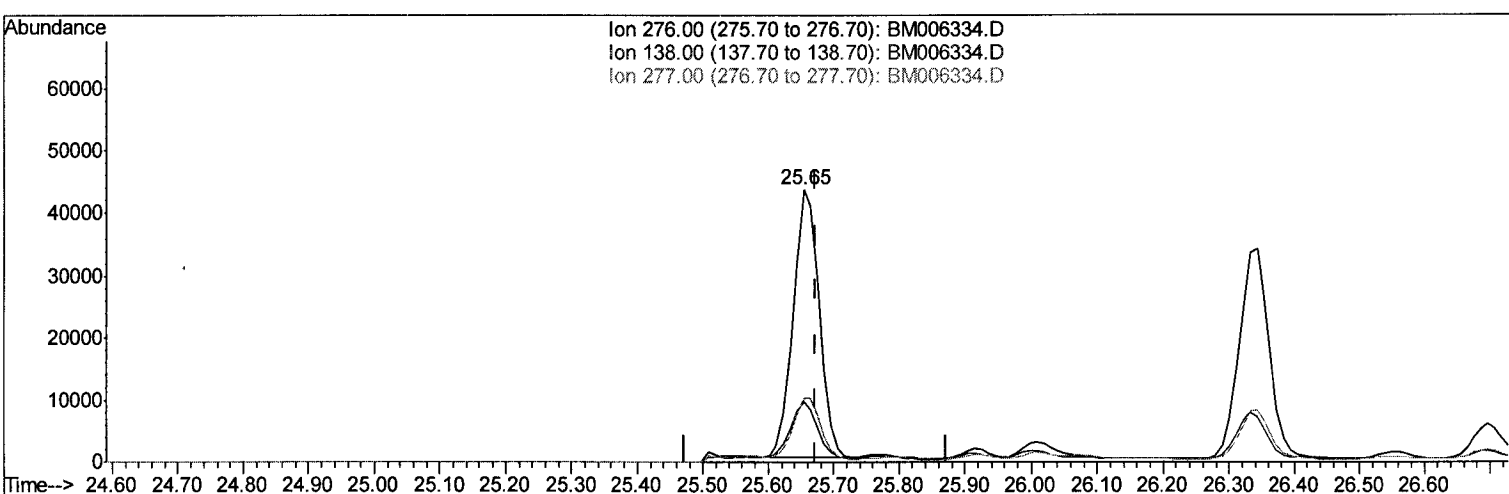
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Manual Integration

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TIC: BM006334.D

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

25.654min (-0.018) 2.30ng/ul m

response 119518

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	19.03
277.00	24.80	19.90
0.00	0.00	0.00

U.M
 07/12/16

Quantitation Report (Qedit)

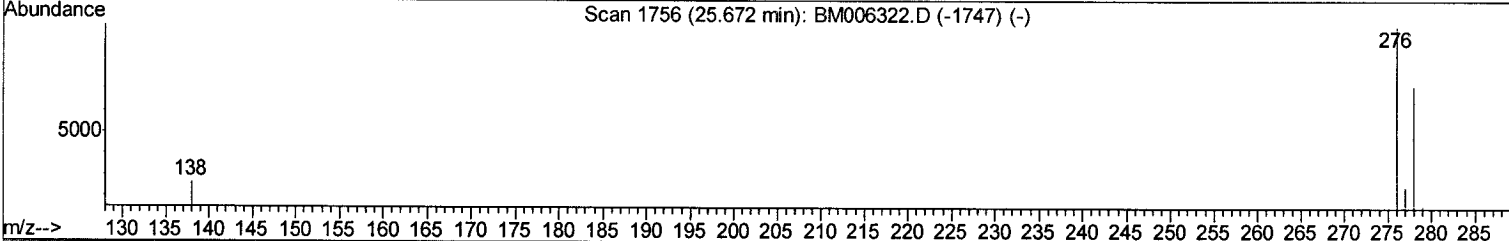
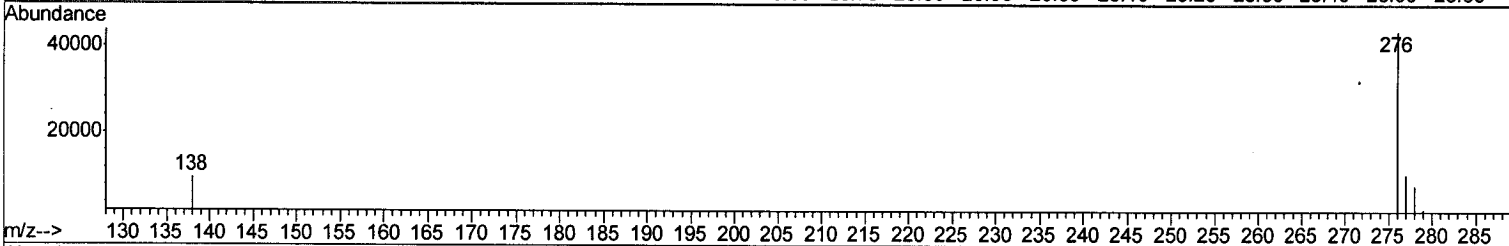
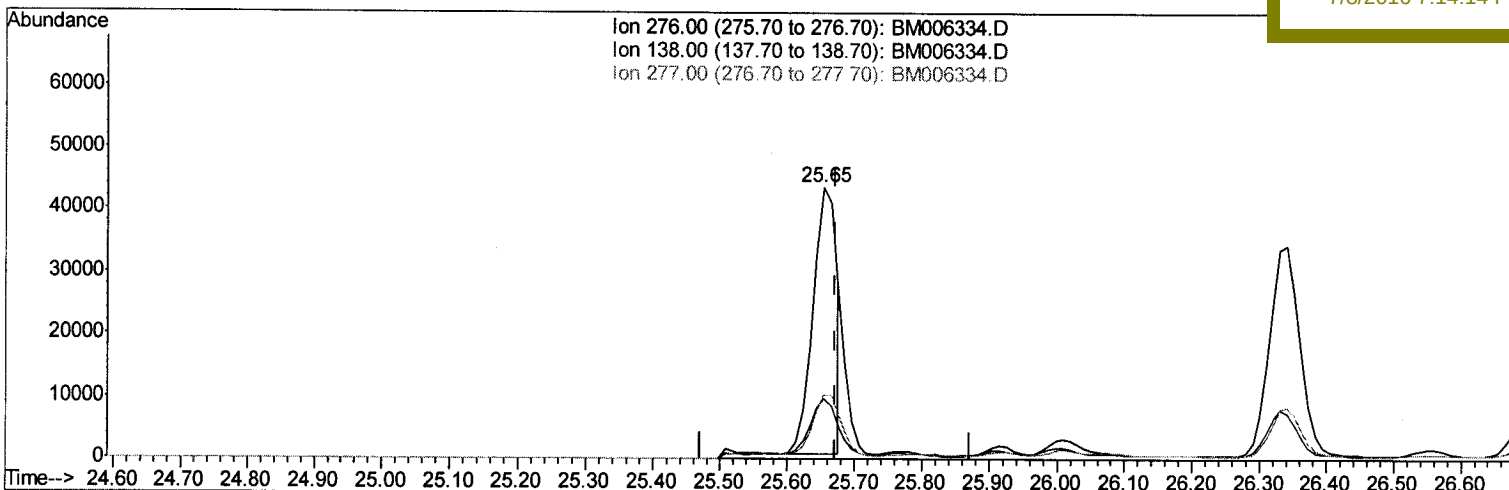
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(26) Indeno(1,2,3-cd)pyrene

25.654min (-0.018) 2.04ng/ul

response 105917

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	21.48
277.00	24.80	22.45
0.00	0.00	0.00

Quantitation Report (Qedit)

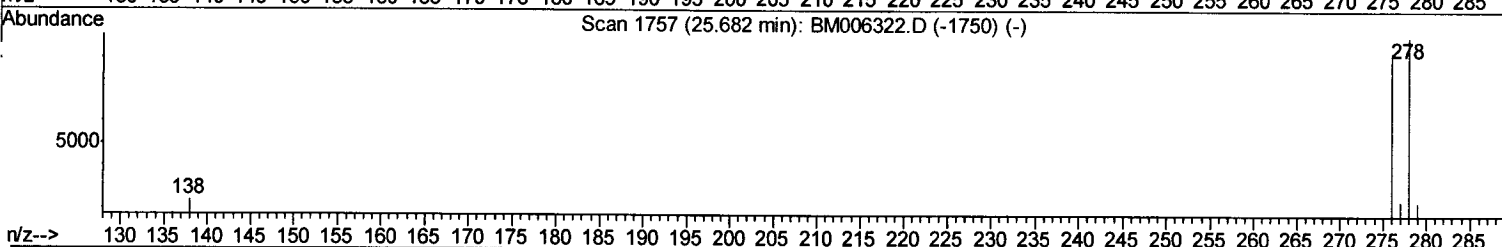
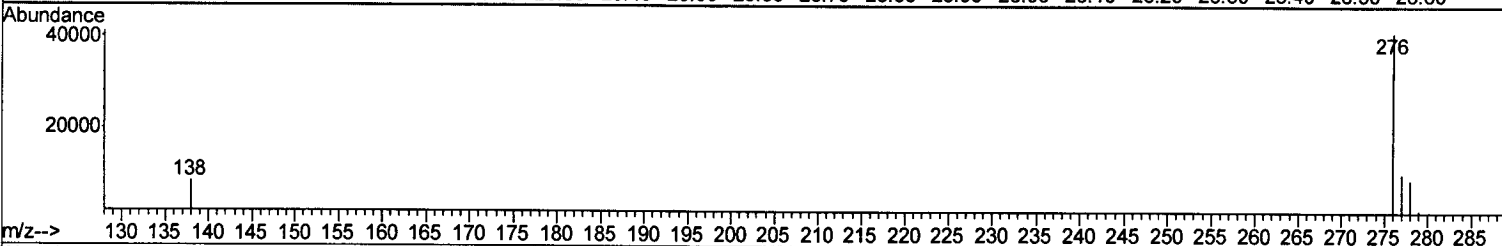
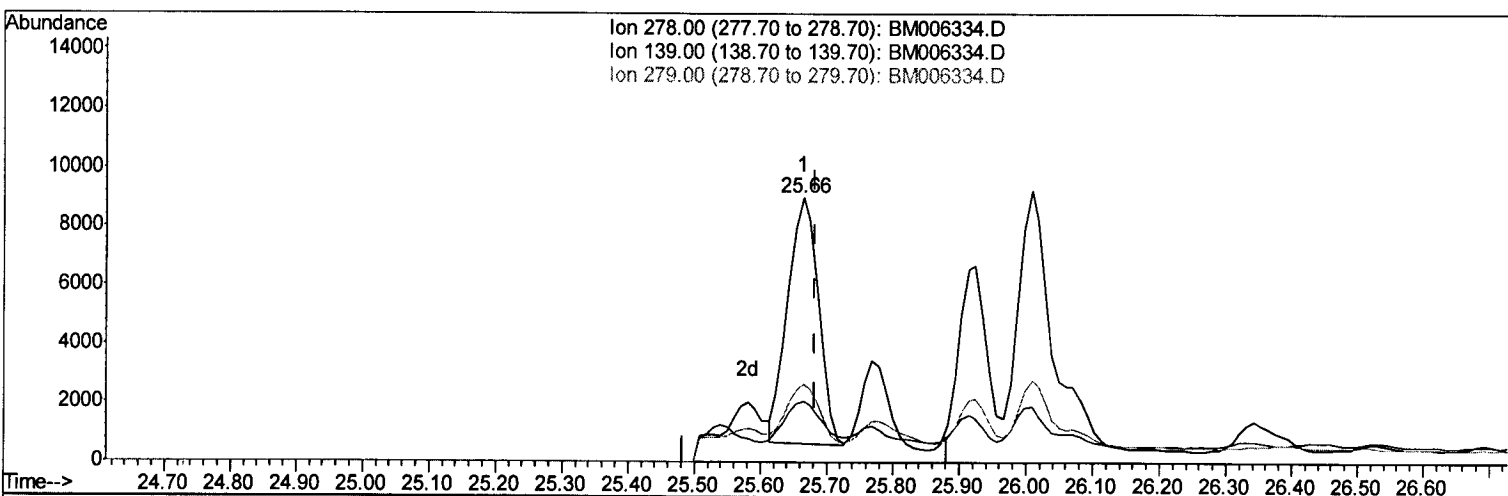
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TIC: BM006334.D

(27) Dibenzo(a,h)anthracene

25.665min (-0.018) 0.66ng/ul m

response 26886

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	23.06
279.00	25.20	29.38
0.00	0.00	0.00

U.M
 07/12/16

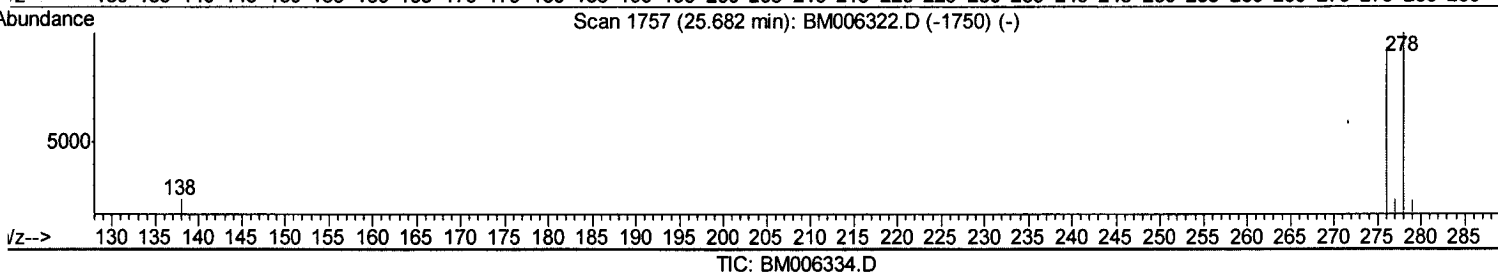
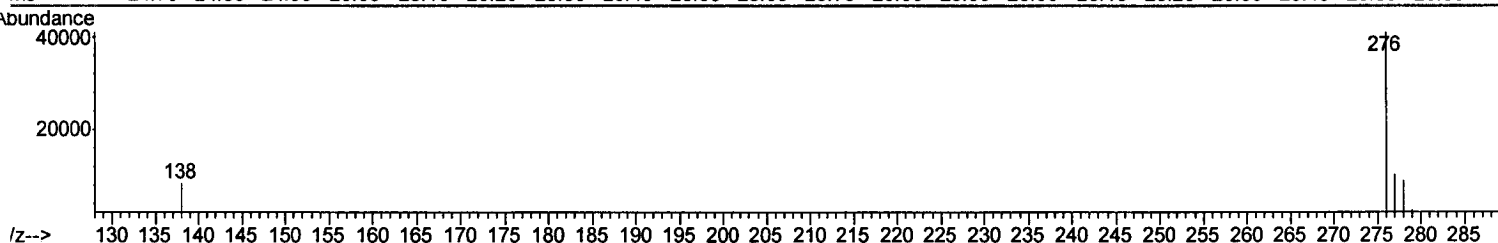
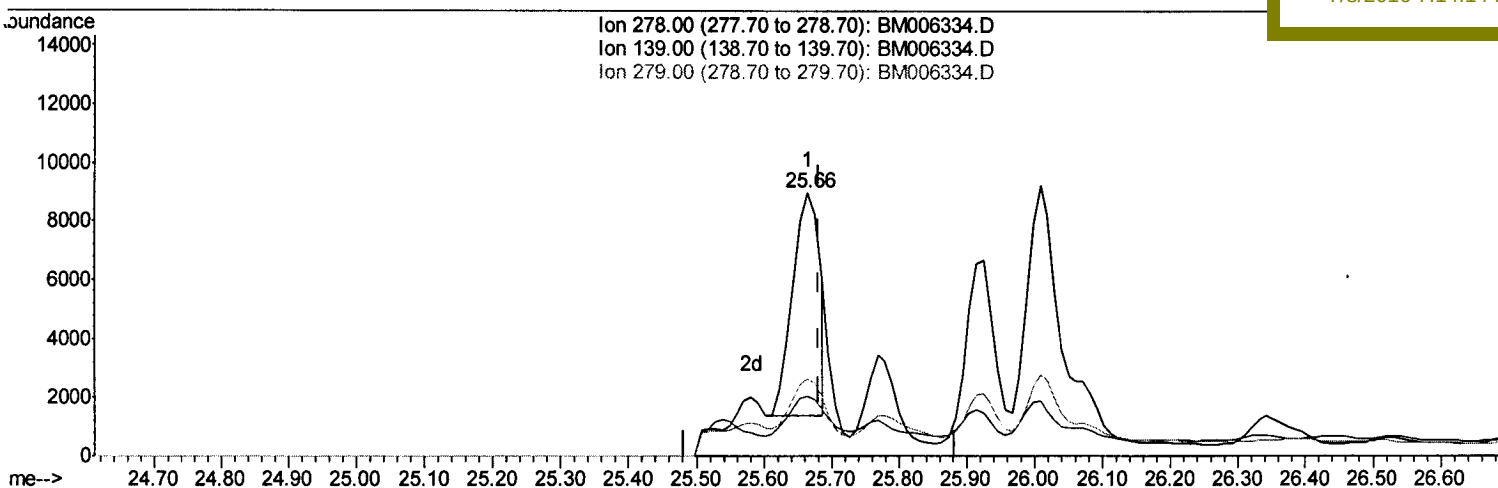
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TIC: BM006334.D

(27) Dibenzo(a,h)anthracene

25.665min (-0.018) 0.52ng/ul

response 21071

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	23.06
279.00	25.20	29.38
0.00	0.00	0.00

Quantitation Report (Qedit)

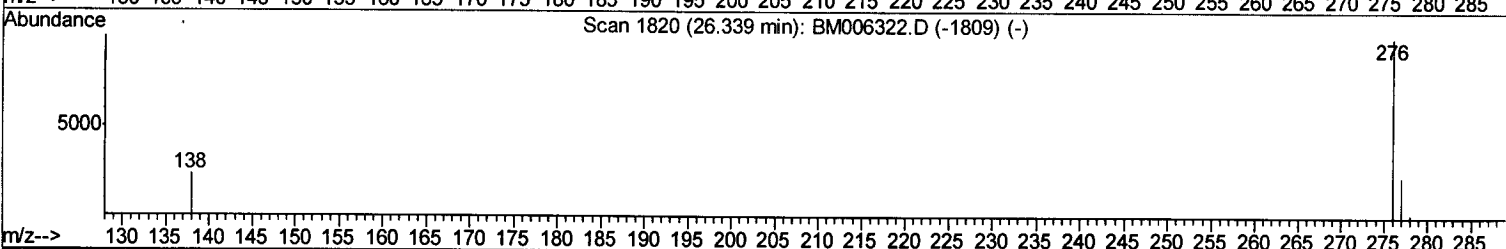
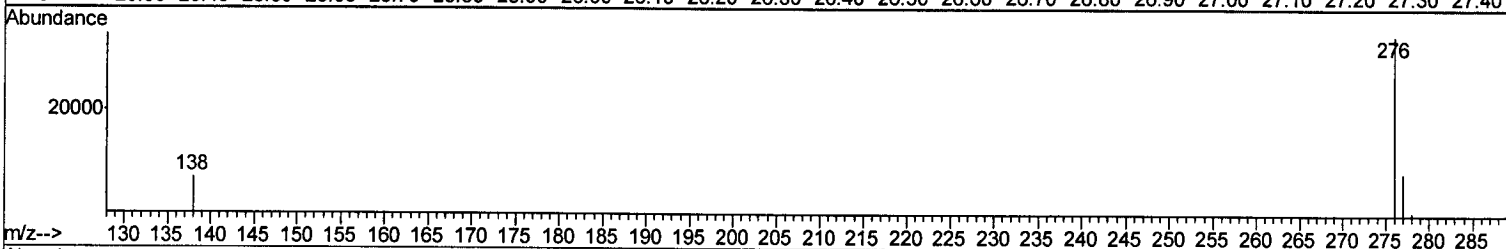
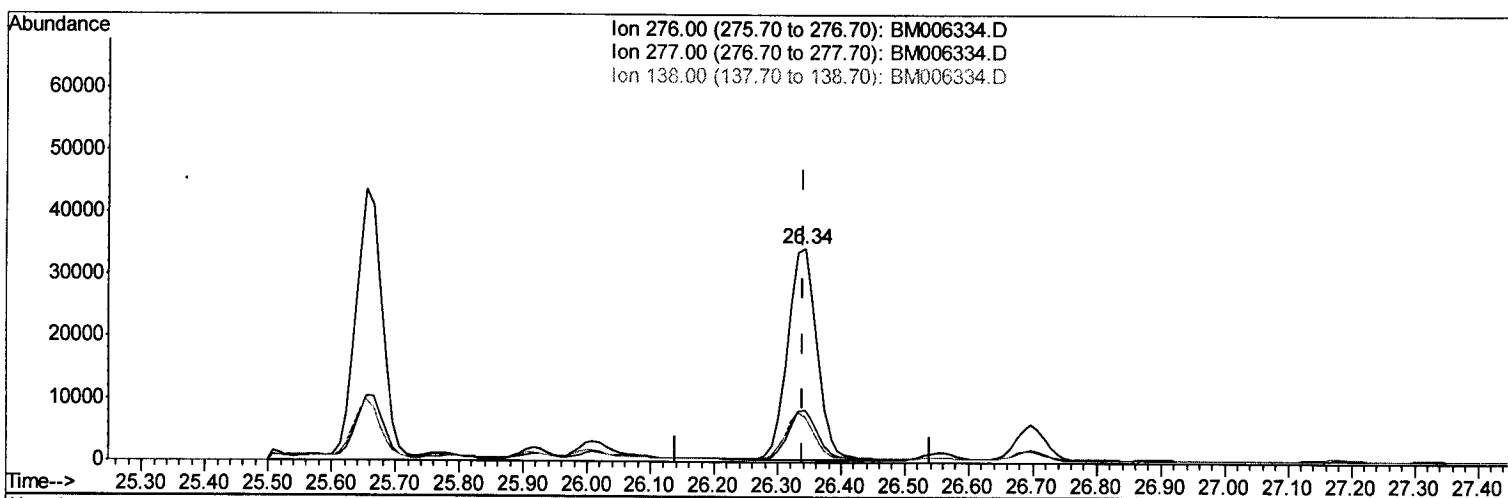
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integration

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 7/8/2016 7:14:14 PM

Quant Time: Jul 08 07:38:49 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration



TIC: BM006334.D

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

26.342min (+0.003) 2.47ng/ul m

response 108766

Ion Exp% Act%

276.00 100 100

277.00 23.60 24.49

138.00 28.10 21.33#

0.00 0.00 0.00

U.M
 07/12/16

Quantitation Report (Qedit)

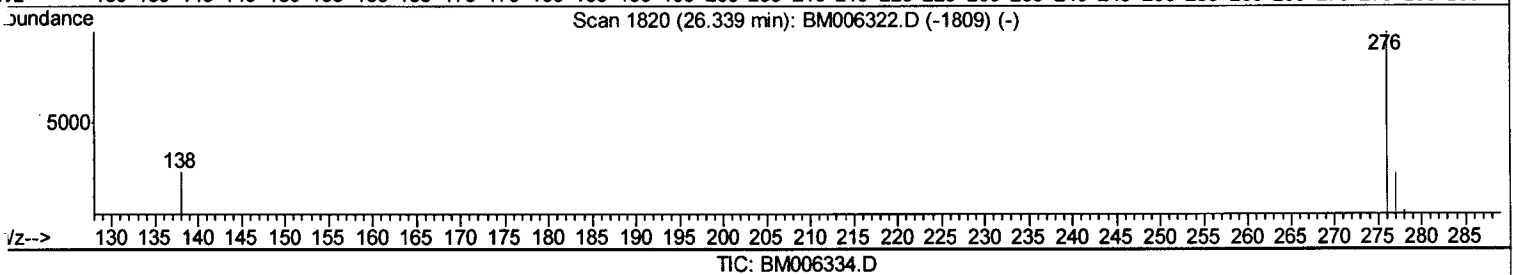
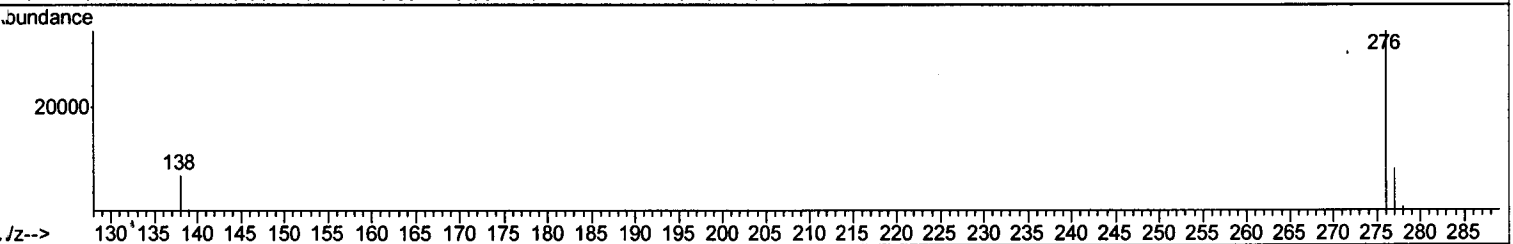
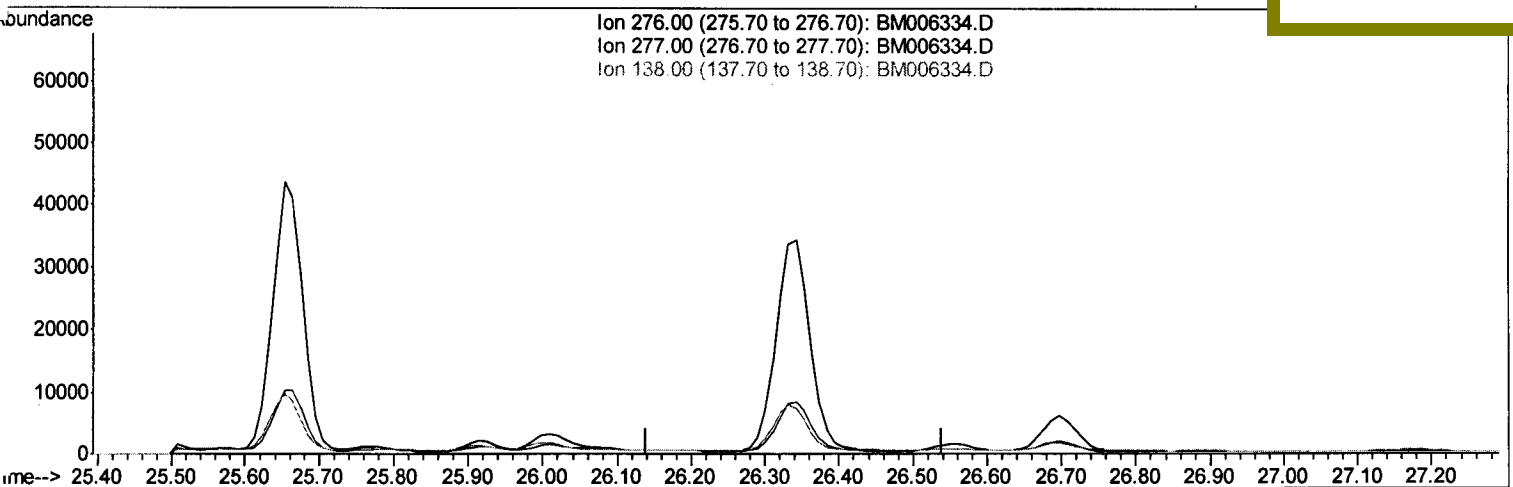
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006334.D
Acq On : 08 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TW2

Manual Integration

umangi
7/8/2016 7:14:14 PM

Quant Time: Jul 08 07:38:49 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 03:28:13 2016
Response via : Initial Calibration



(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\BM070816\
 Data File : BM006334.D
 Acq On : 08 Jul 2016 00:07
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW2

Quant Time: Jul 08 07:42:40 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 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	5283	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	21274	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.28	164	12634	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.04	188	27392	0.40	ng/ul	0.00
18) Chrysene-d12	21.23	240	18147	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	14072m	0.40	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	8047	3.60	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6134	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	16792	0.29	ng/ul	0.00

Target Compounds

						Ovalue
5) Naphthalene	10.46	128	5564	0.11	ng/ul#	93
7) 2-Methylnaphthalene	12.09	142	2788	0.08	ng/ul	97
9) Acenaphthylene	14.01	152	48061	1.13	ng/ul#	92
10) Acenaphthene	14.35	153	4270	0.10	ng/ul	90
11) Fluorene	15.34	166	13608	0.29	ng/ul	85
14) Phenanthrene	17.07	178	252927	3.34	ng/ul#	93
15) Anthracene	17.16	178	35103m	0.50	ng/ul	98
17) Fluoranthene	19.10	202	548693	6.57	ng/ul	98
19) Pyrene	19.46	202	522227	6.87	ng/ul	98
20) Benzo(a)anthracene	21.21	228	201354	3.43	ng/ul#	87
21) Chrysene	21.27	228	210206	3.65	ng/ul#	91
23) Benzo(b)fluoranthene	22.79	252	226587m	4.50	ng/ul	
24) Benzo(k)fluoranthene	22.82	252	73181m	1.56	ng/ul	
25) Benzo(a)pyrene	23.35	252	158561m	3.38	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.65	276	119518m	2.30	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	26886m	0.66	ng/ul	
28) Benzo(a,h,i)perylene	26.34	276	108766m	2.47	ng/ul	

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