

Quantitation Report (QT Reviewed)

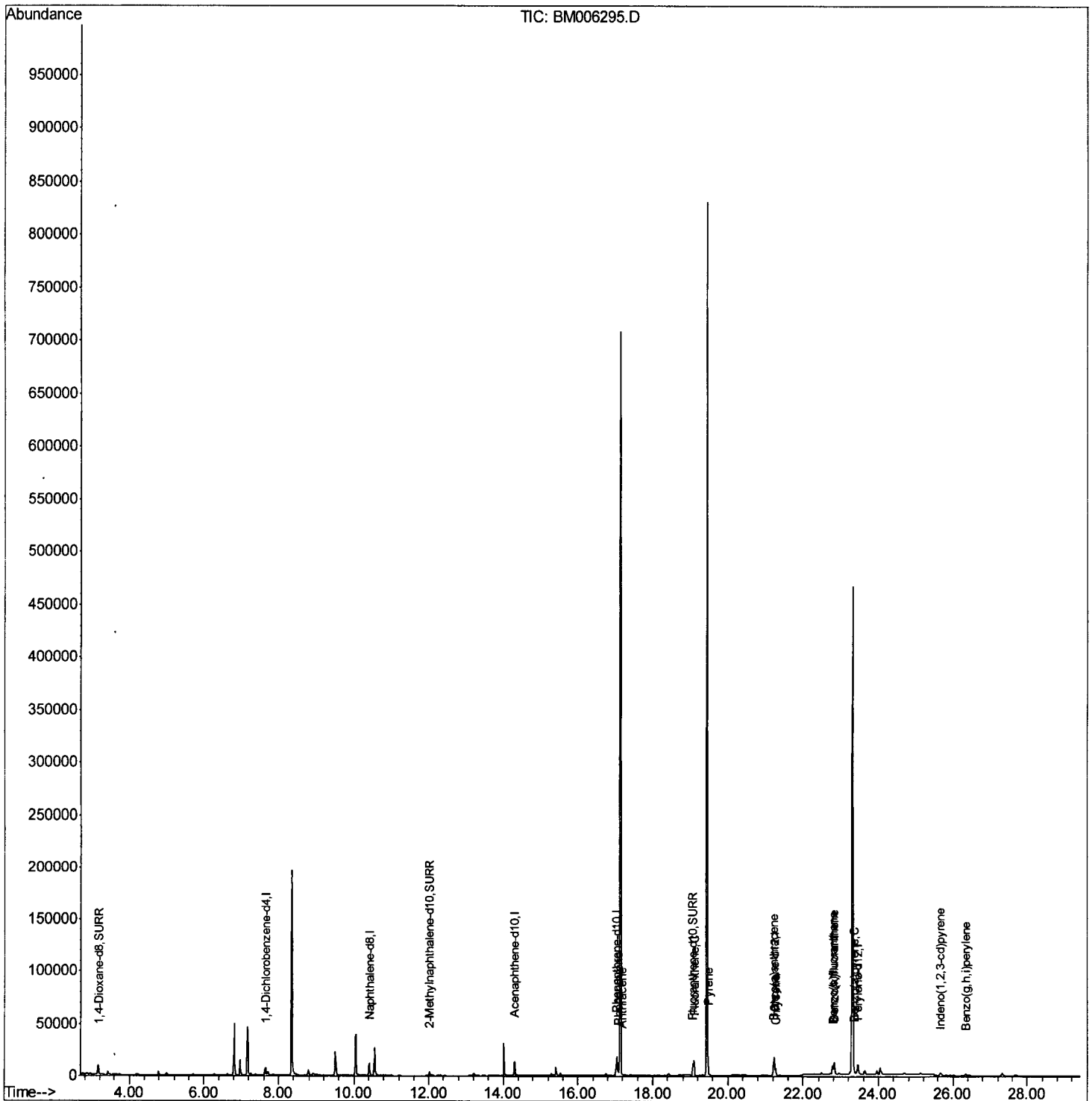
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006295.D
 Acq On : 06 Jul 2016 22:40
 Operator : UM/SJ
 Sample : H3811-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV7

Manual Integration

umangi
 7/7/2016 6:04:59 PM

Quant Time: Jul 07 11:24:41 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



Quantitation Report (Qedit)

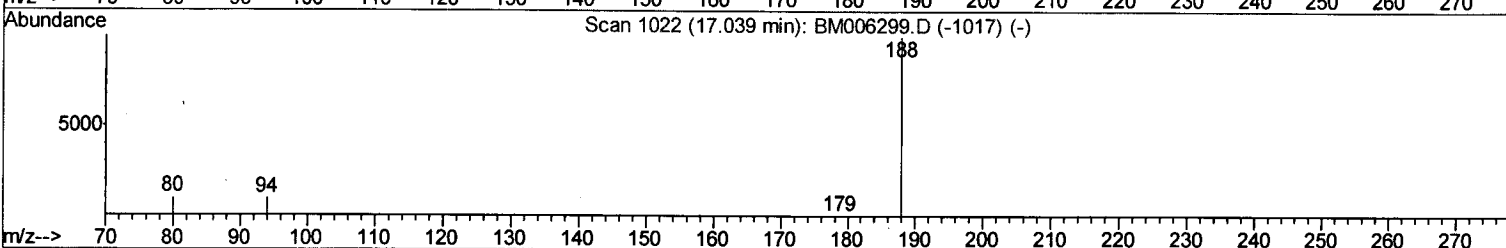
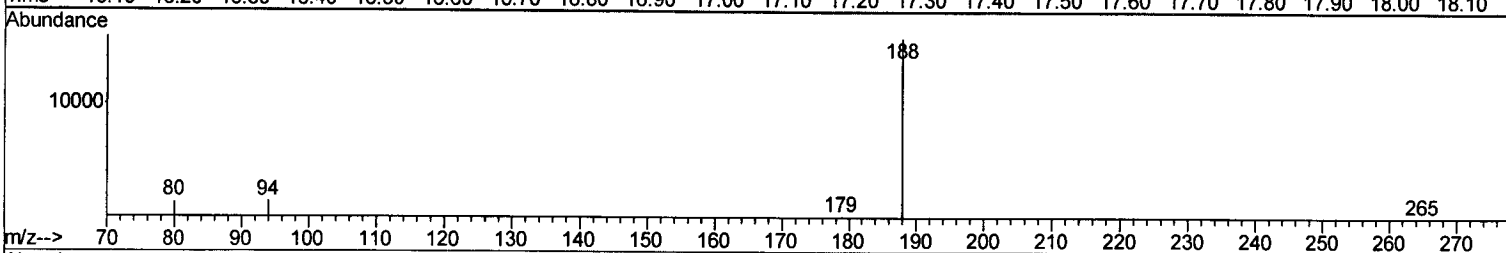
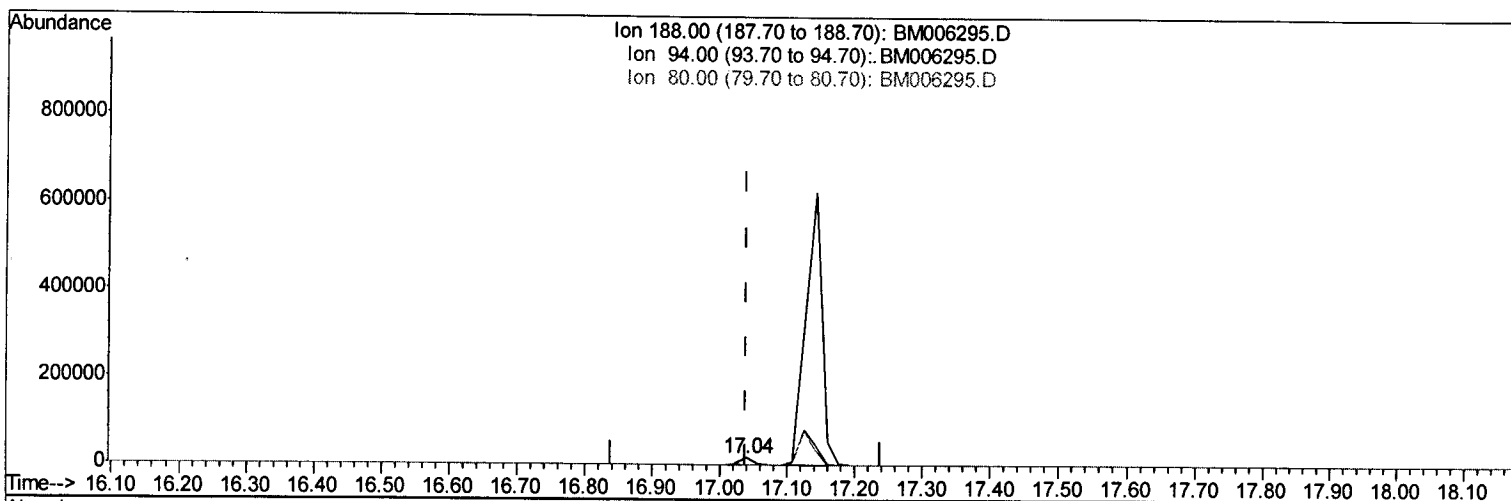
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006295.D
Acq On : 06 Jul 2016 22:40
Operator : UM/SJ
Sample : H3811-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
Client Sample ID :
A4TV7

Manual Integration

Quant Time: Jul 07 11:20:47 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: BM006295.D

(12) Phenanthrene-d10 (I)

17.039min (+0.000) 0.40ng/ul m

response 23102

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.17#
80.00	11.90	8.83#
0.00	0.00	0.00

U.M
07/11/16

Quantitation Report (Qedit)

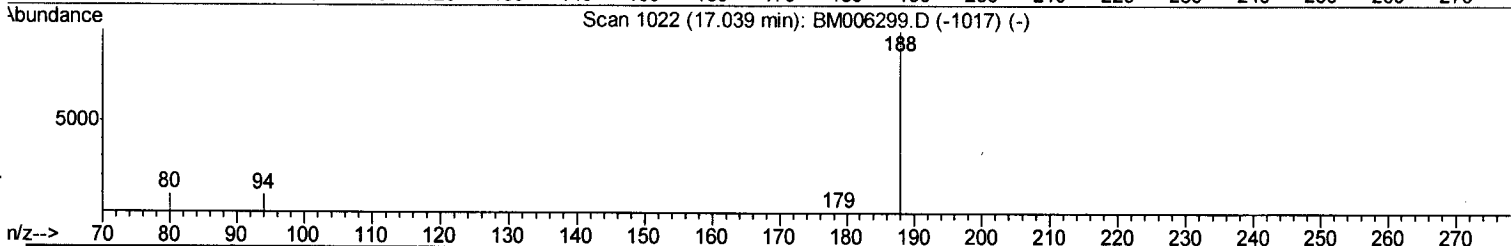
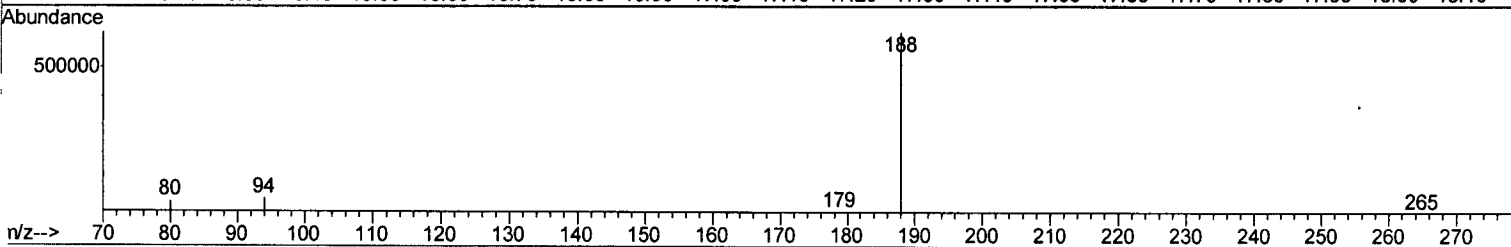
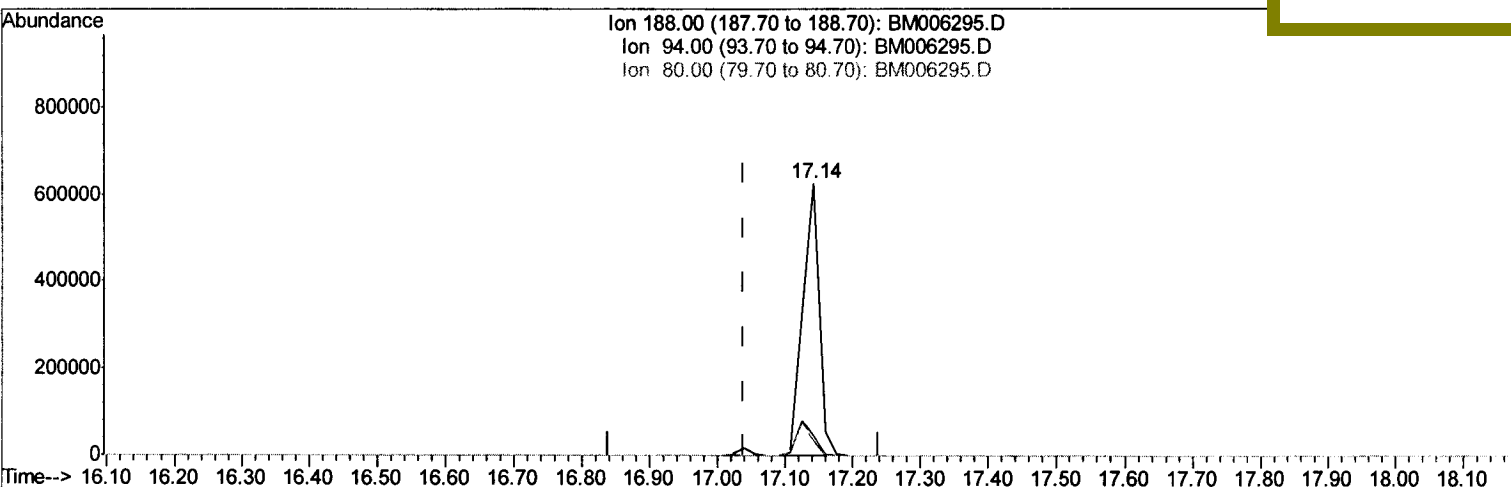
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 Operator : UM/SJ
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Quant Time: Jul 07 11:20:47 2016
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TIC: BM006295.D

(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 1045354

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.49#
80.00	11.90	5.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

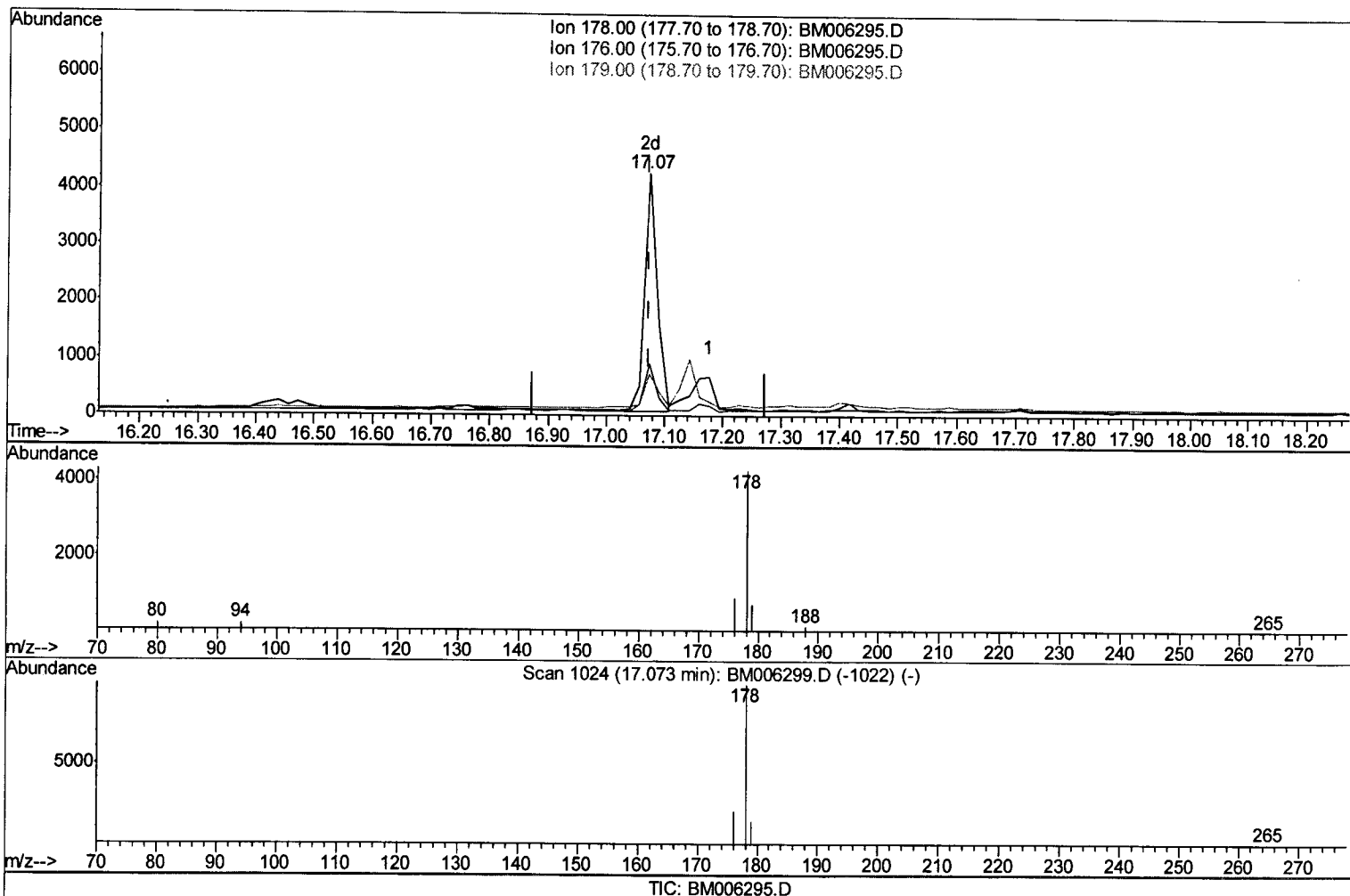
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006295.D
 Acq On : 06 Jul 2016 22:40
 Operator : UM/SJ
 Sample : H3811-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integration

Quant Time: Jul 07 11:21:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
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(14) Phenanthrene

17.073min (+0.000) 0.10ng/ul m U.M

response 6491

07/11/16

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.57#
179.00	17.70	17.21
0.00	0.00	0.00

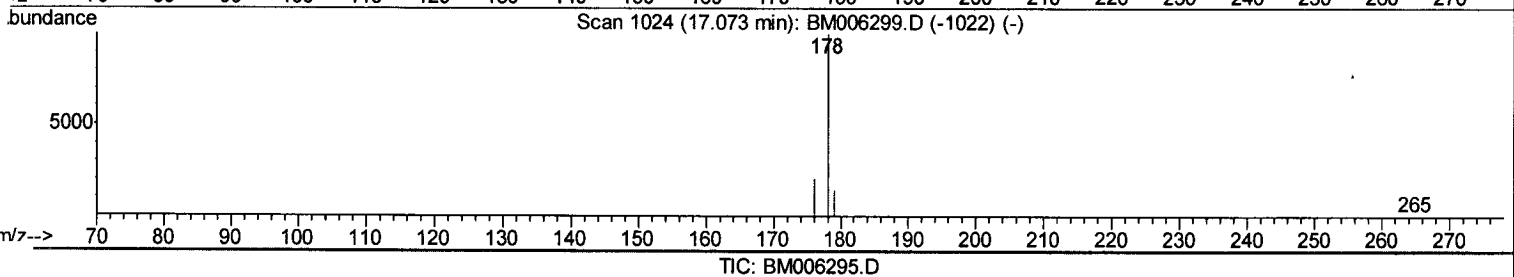
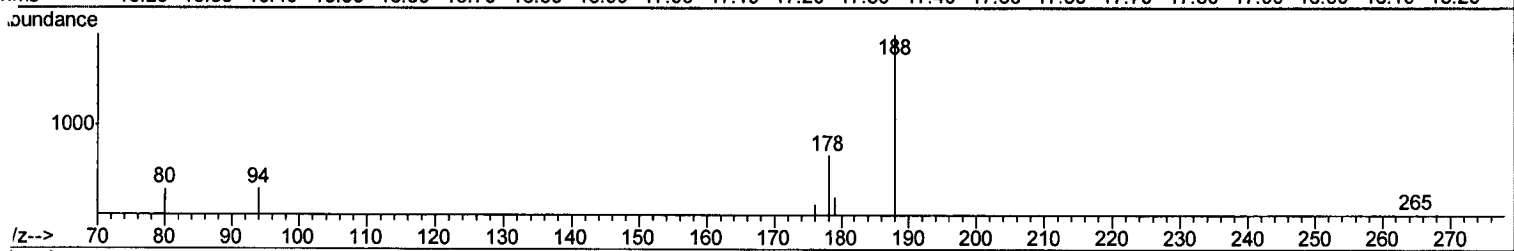
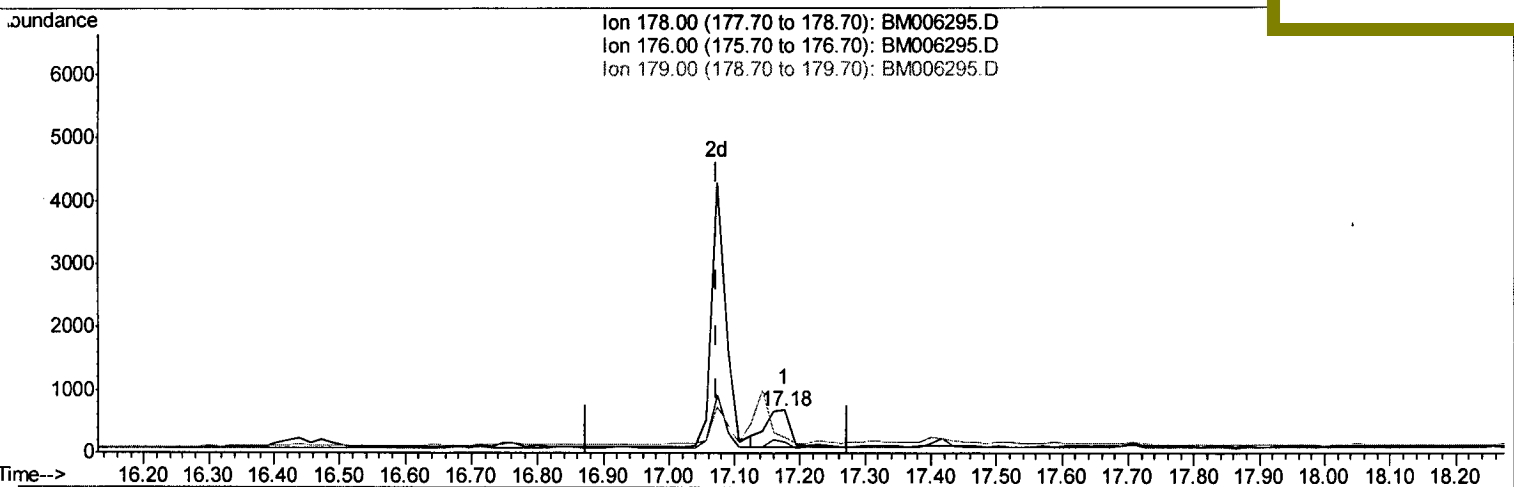
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006295.D
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Operator : UM/SJ
Sample : H3811-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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(14) Phenanthrene

17.176min (+0.103) 0.02ng/ul

response 1528

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	25.11#
179.00	17.70	36.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

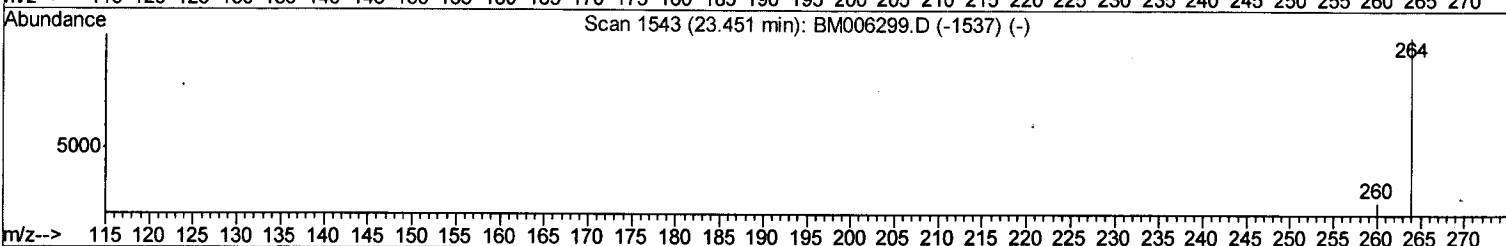
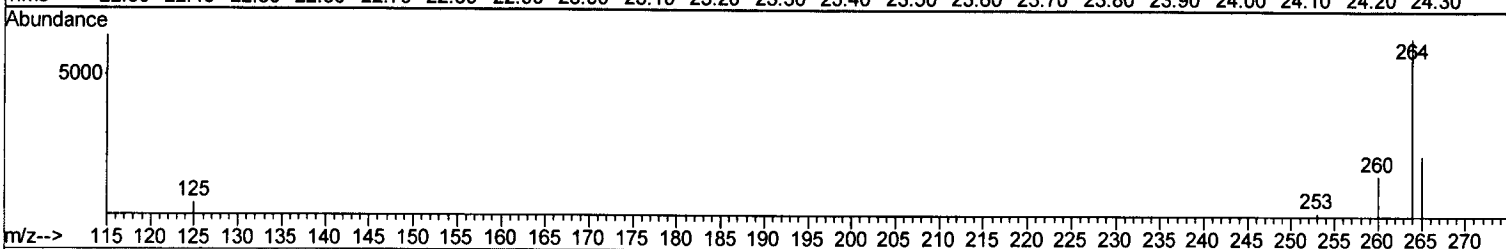
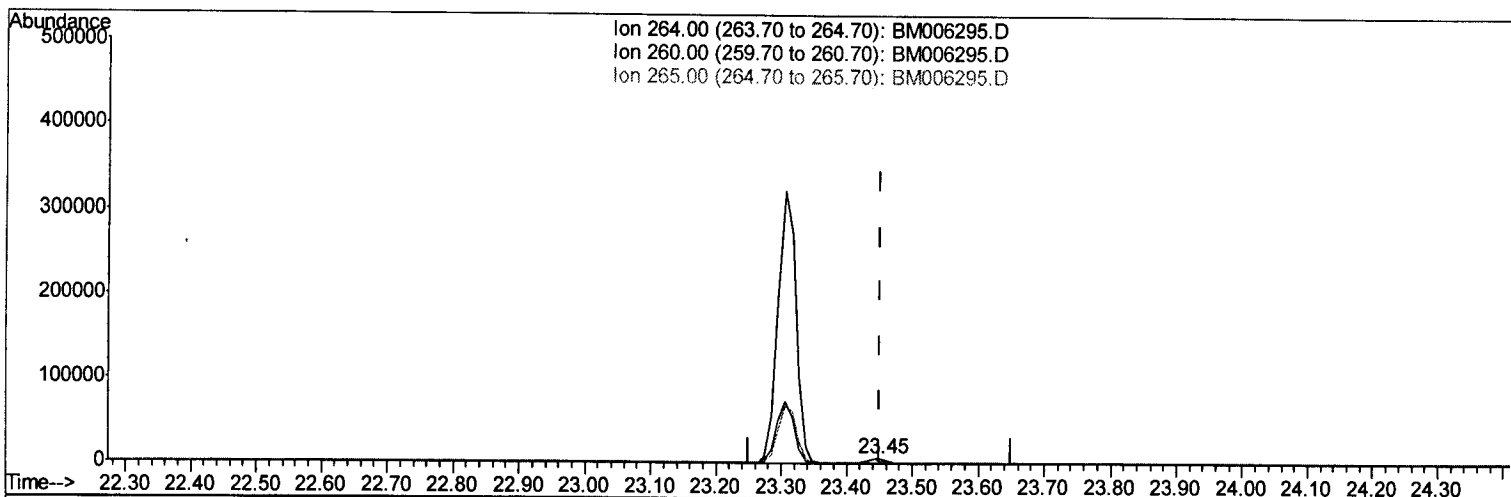
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TIC: BM006295.D

(22) Perylene-d12 (I)

23.451min (+0.000) 0.40ng/ul m U.M

response 11677

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.16
265.00	38.20	37.02
0.00	0.00	0.00

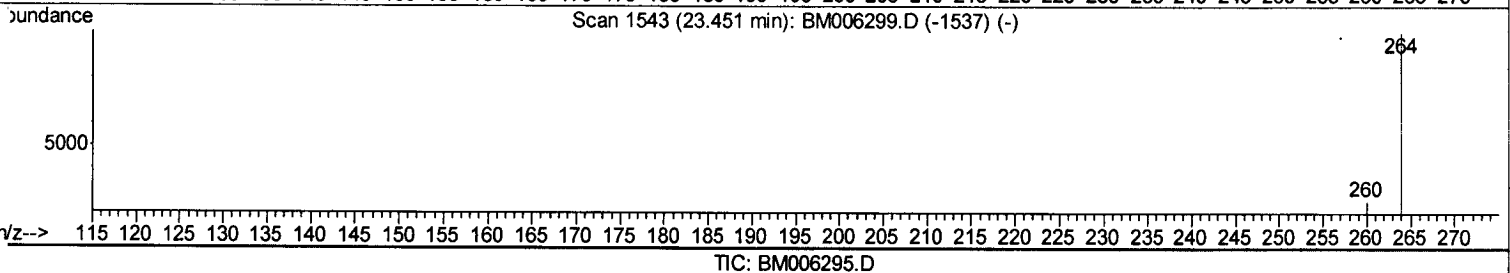
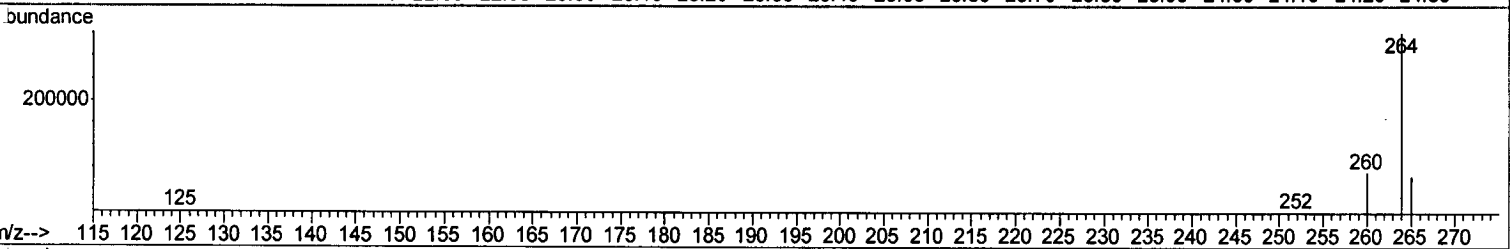
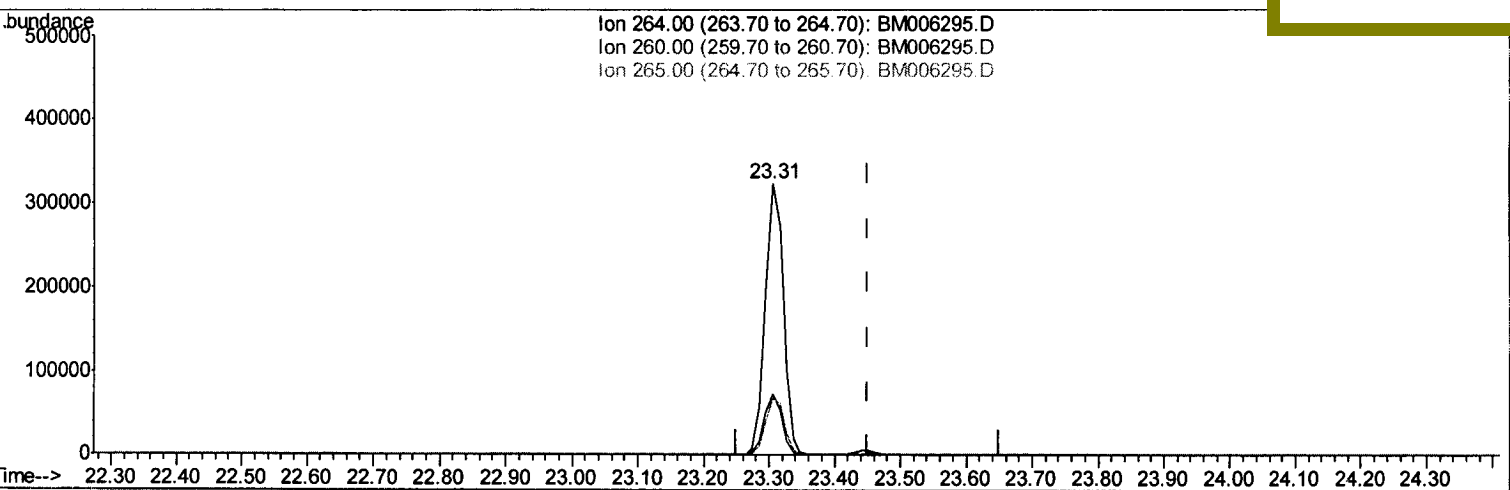
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Data File : BM006295.D
Acq On : 06 Jul 2016 22:40
Operator : UM/SJ
Sample : H3811-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrati

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TIC: BM006295.D

(22) Perylene-d12 (I)

23.305min (-0.146) 0.40ng/ul

response 607364

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.74
265.00	38.20	20.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

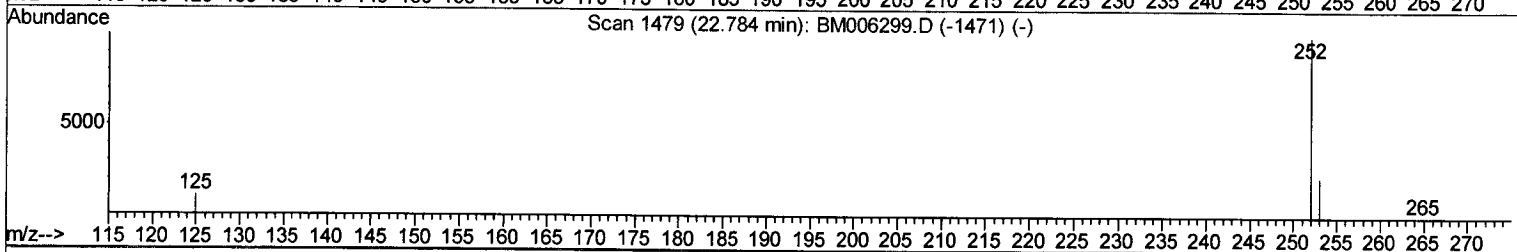
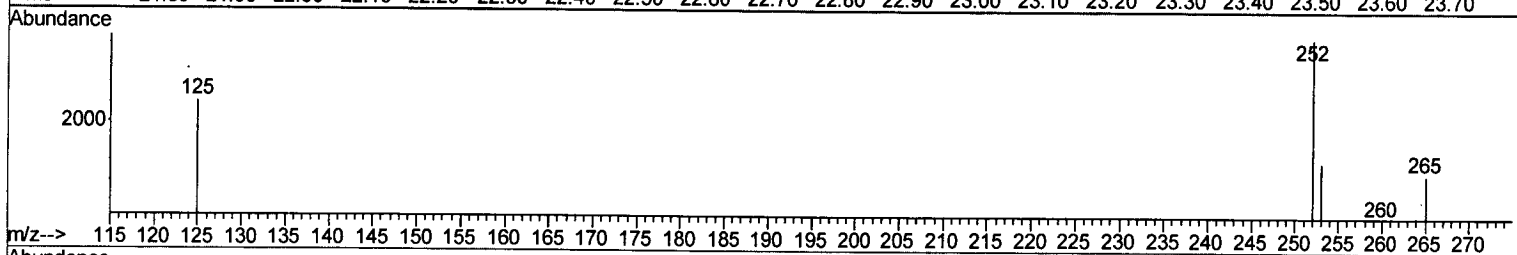
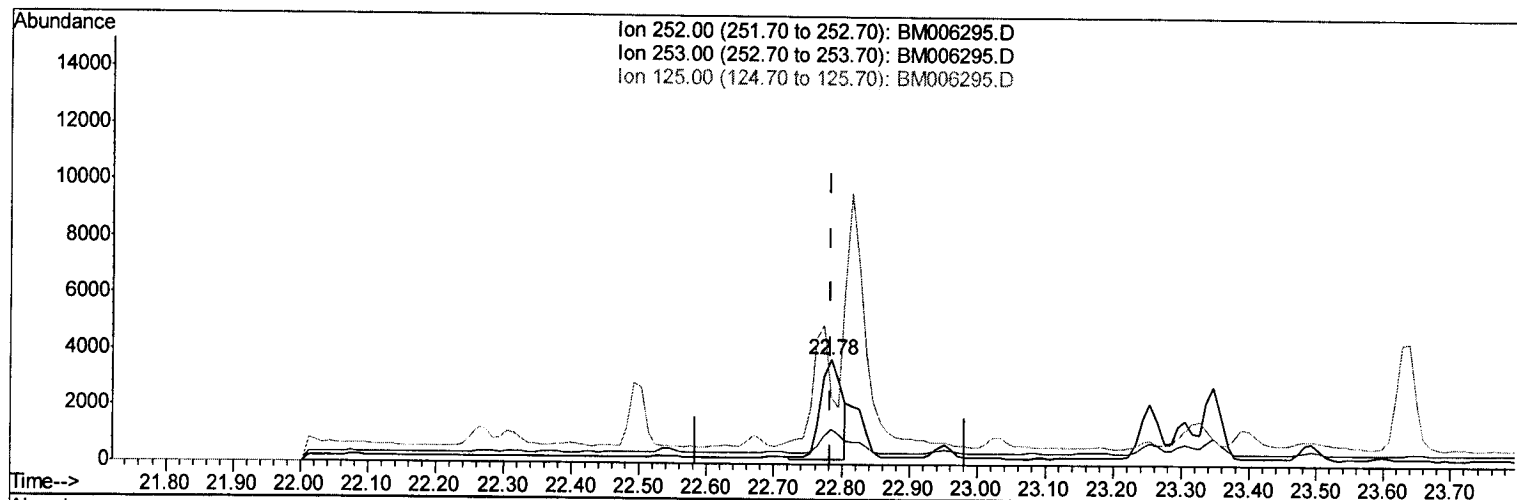
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 ALS Vial : 17 Sample Multiplier: 1

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 ClientSampleId :
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Manual Integration

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TIC: BM006295.D

(23) Benzo(b)fluoranthene

22.784min (+0.000) 0.19ng/ul m

response 8151

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	32.34
125.00	14.40	64.89#
0.00	0.00	0.00

U.M
 07/11/16

Quantitation Report (Qedit)

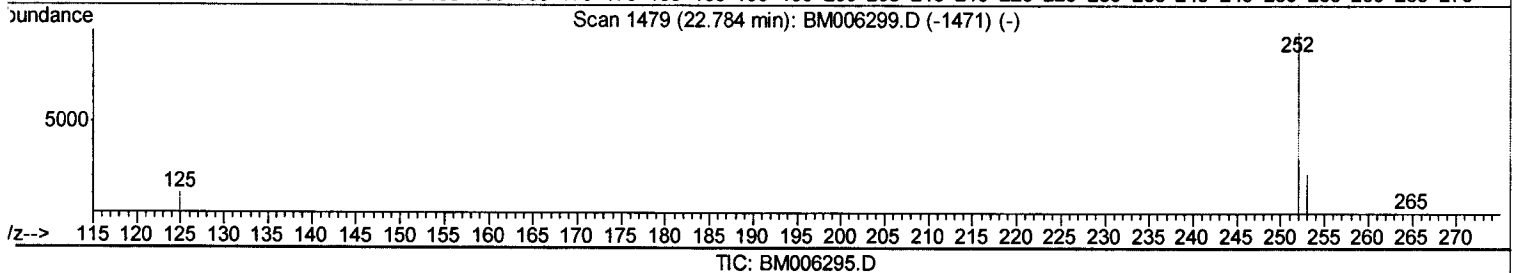
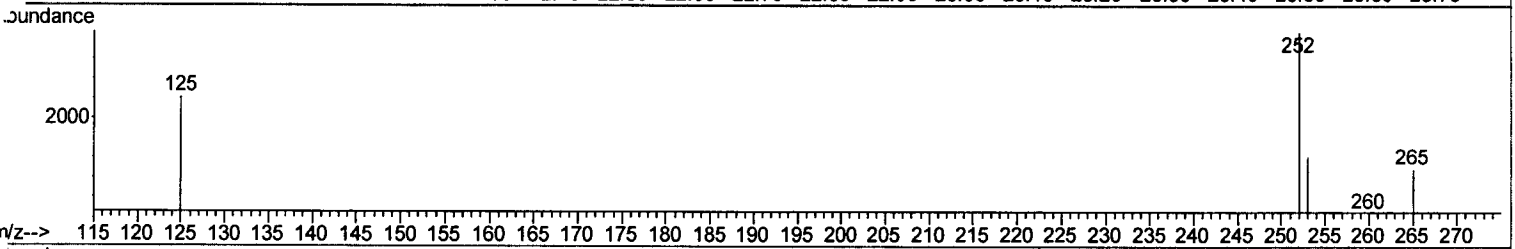
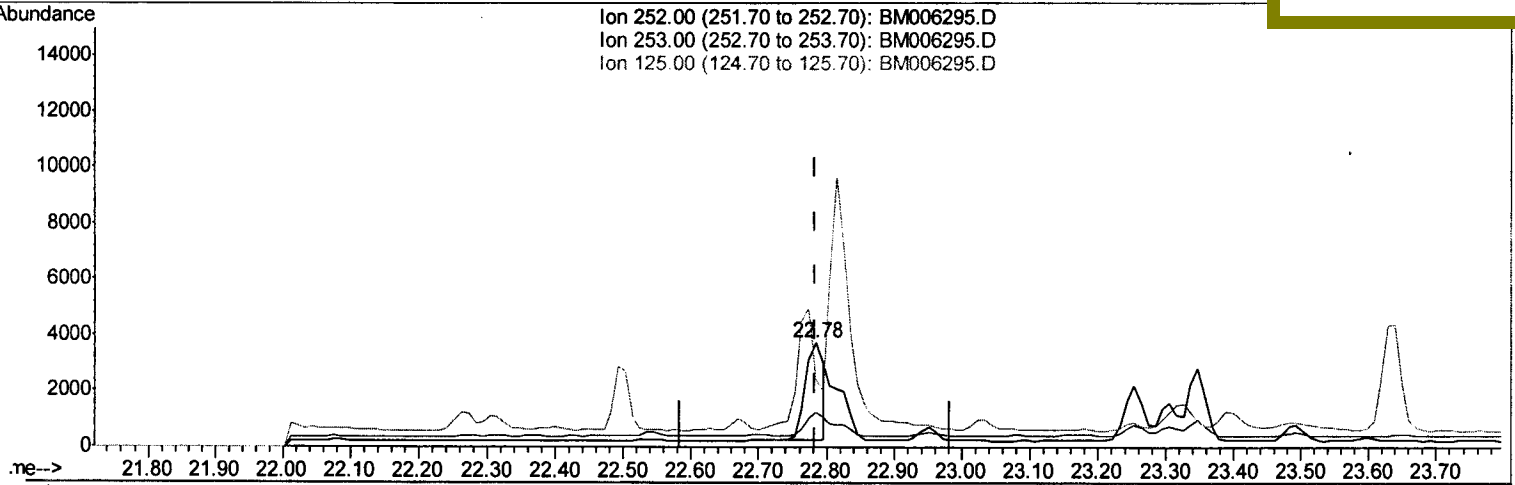
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 Data File : BM006295.D
 Acq On : 06 Jul 2016 22:40
 Operator : UM/SJ
 Sample : H3811-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV7

Manual Integrati

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(23) Benzo(b)fluoranthene

22.784min (+0.000) 0.16ng/ul

response 6497

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	32.34
125.00	14.40	64.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

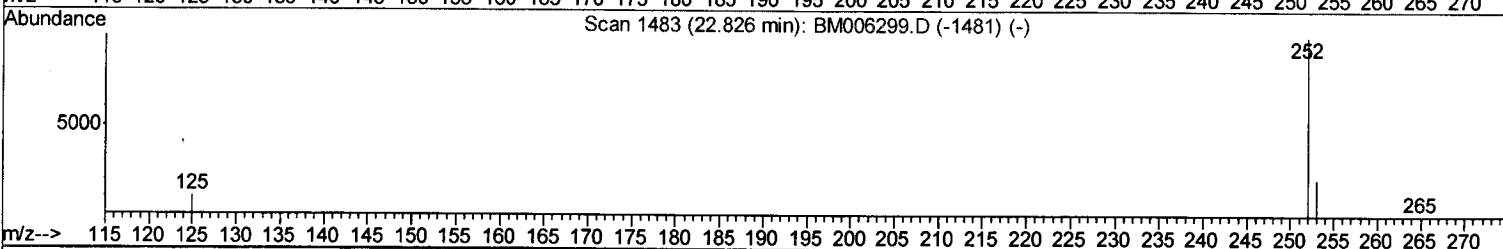
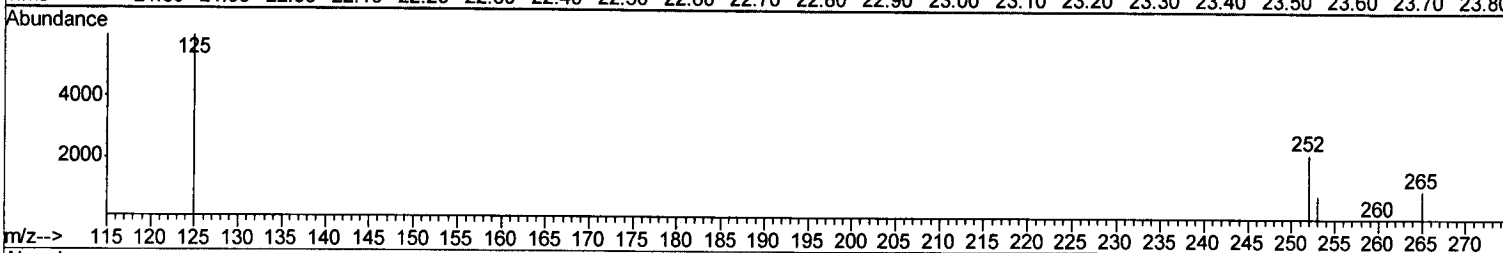
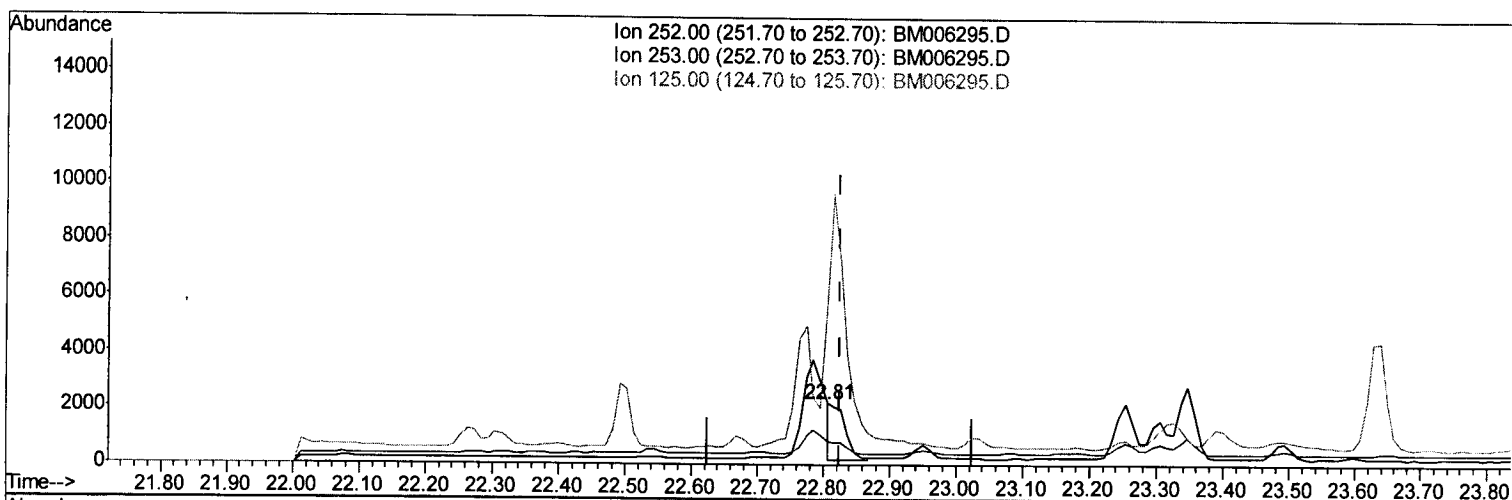
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 Sample : H3811-09
 Misc :
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 ClientSampleId :
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Manual Integration

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TIC: BM006295.D

(24) Benzo(k)fluoranthene

22.805min (-0.021) 0.08ng/ul m

response 3222

V.M
 07/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	38.40#
125.00	13.00	271.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

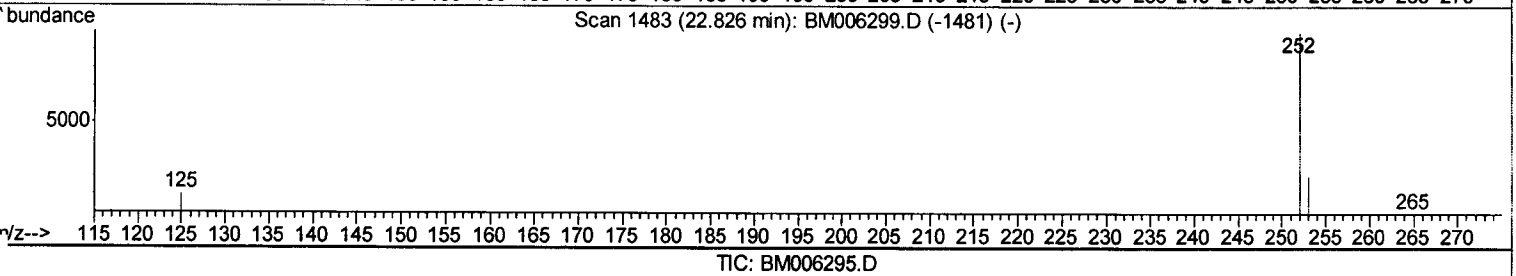
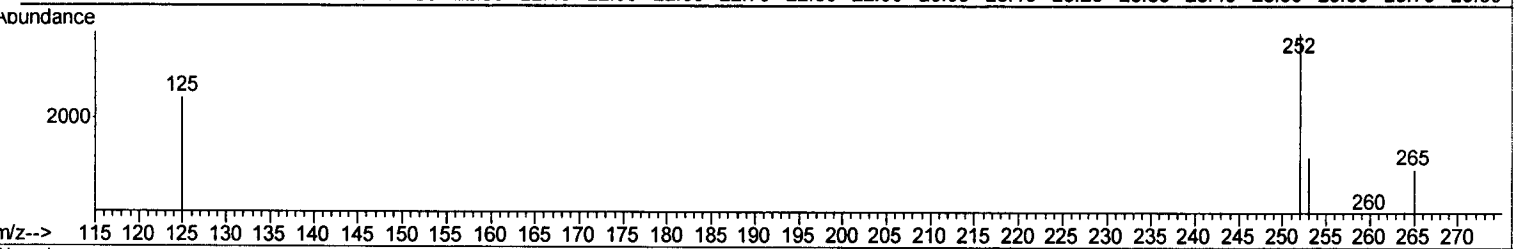
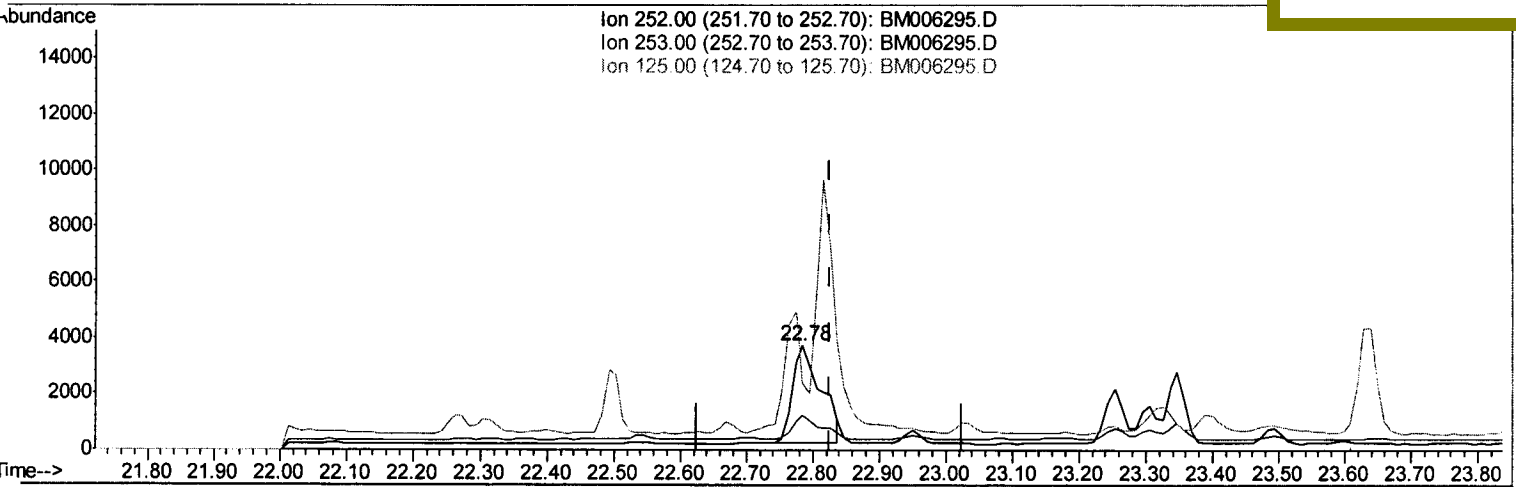
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ALS Vial : 17 Sample Multiplier: 1

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BNA_M
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Manual Integrati

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(24) Benzo(k)fluoranthene

22.784min (-0.041) 0.27ng/ul

response 10479

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	32.34#
125.00	13.00	64.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

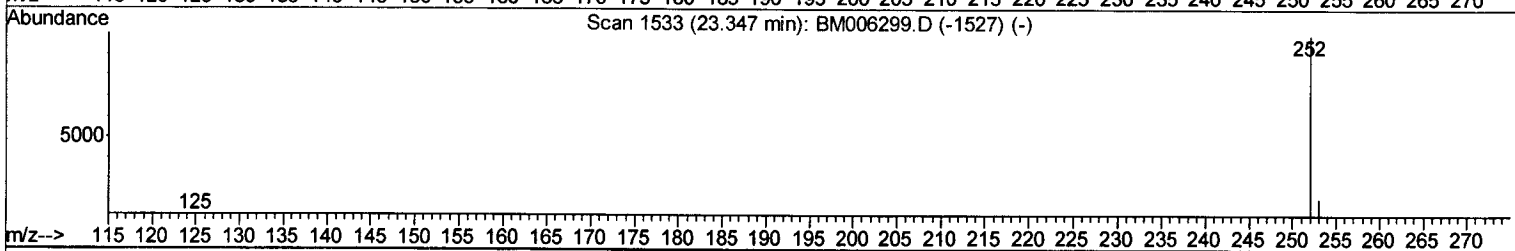
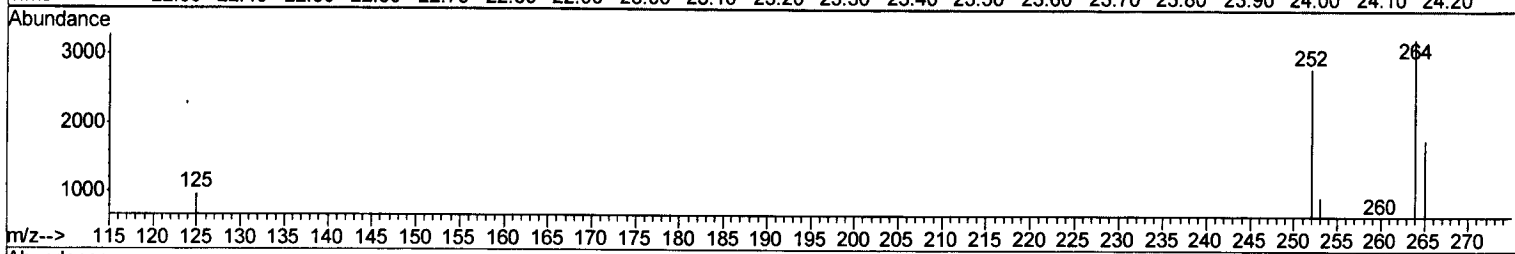
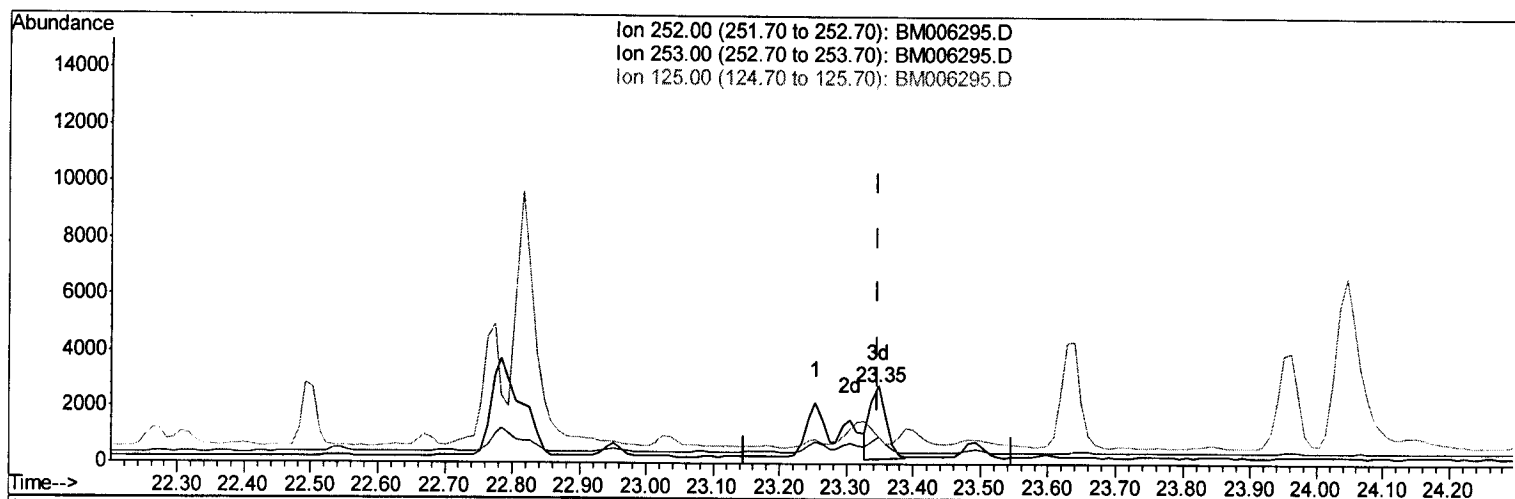
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TIC: BM006295.D

(25) Benzo(a)pyrene (C)

23.347min (+0.000) 0.11ng/ul m U.M

response 4376

07/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	33.91#
125.00	15.90	34.80#
0.00	0.00	0.00

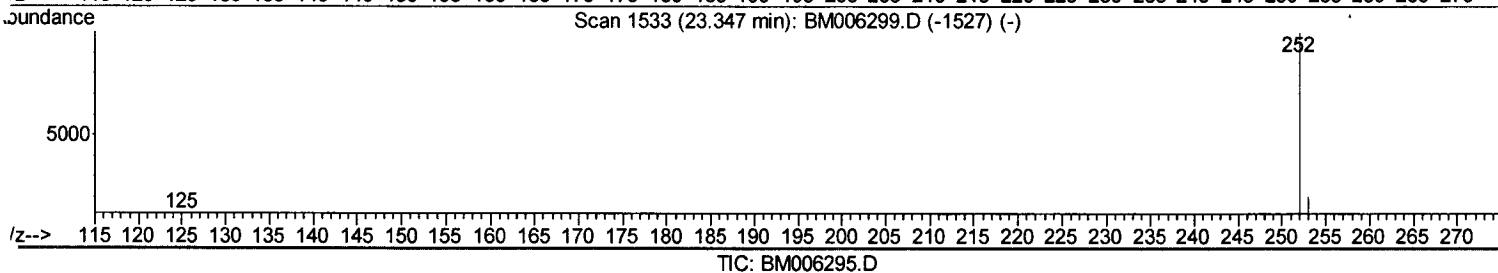
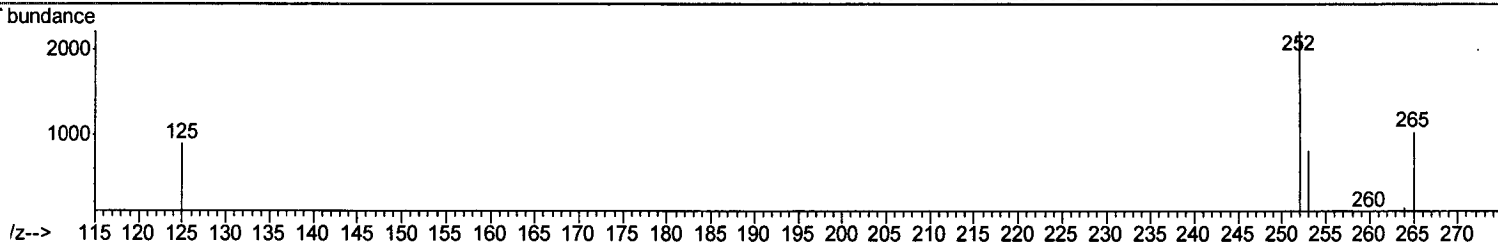
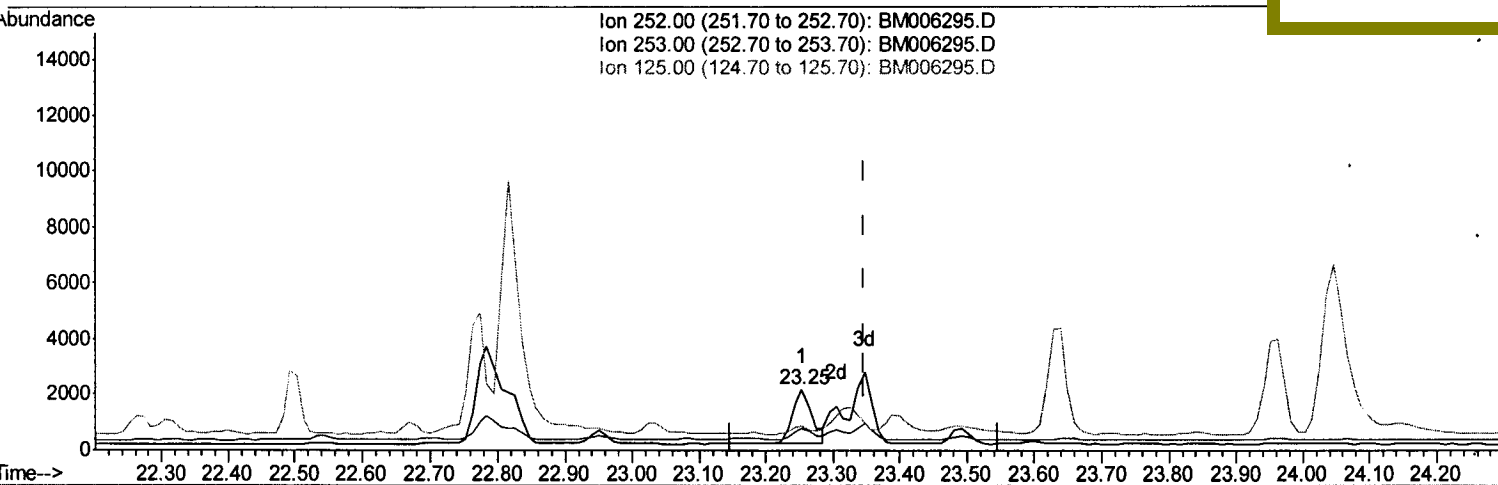
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(25) Benzo(a)pyrene (C)

23.253min (-0.094) 0.10ng/ul

response 3964

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	36.56#
125.00	15.90	40.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

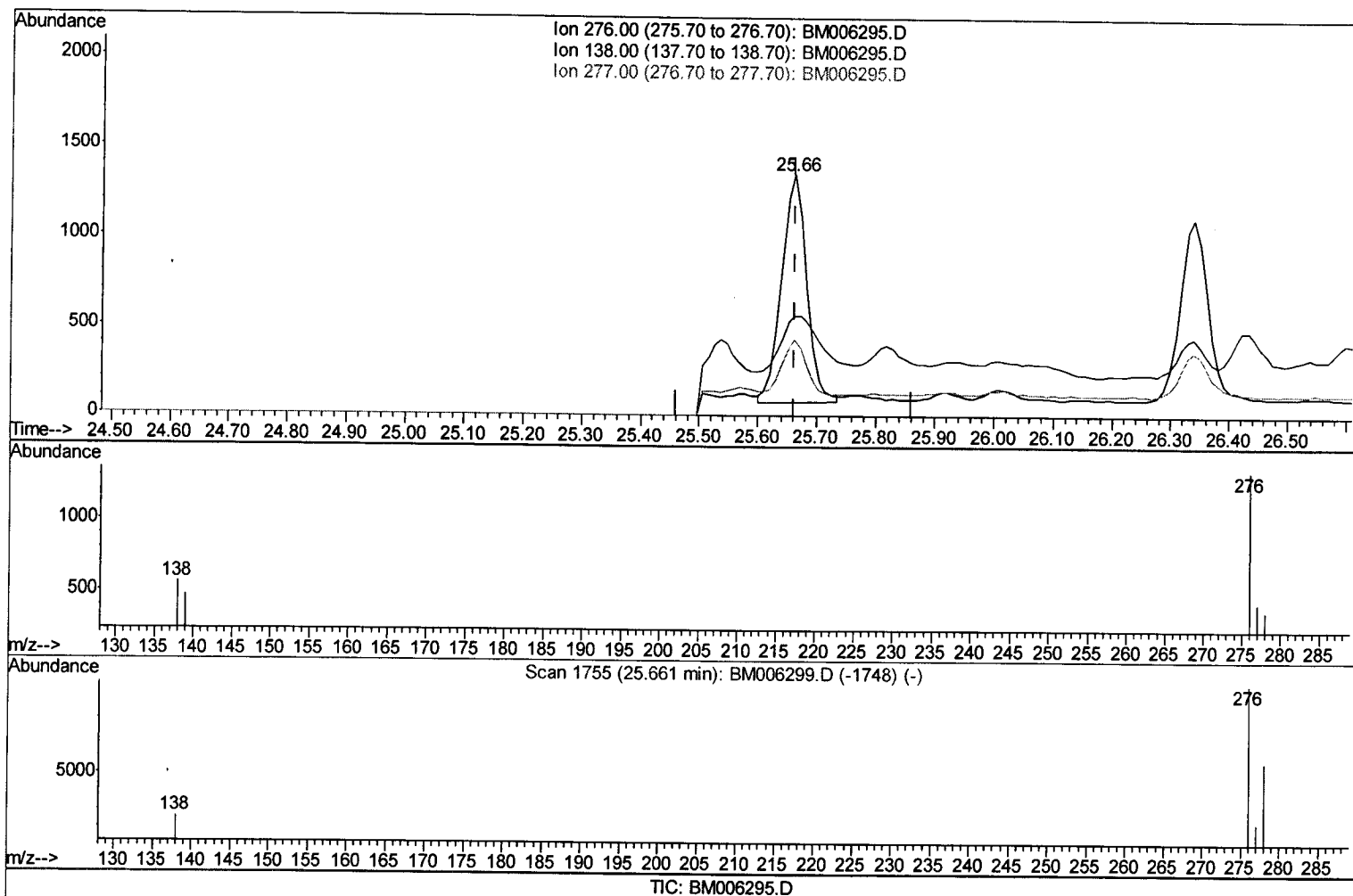
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(26) Indeno(1,2,3-cd)pyrene

25.661min (+0.000) 0.09ng/ul m

response 3760

U.M
07/11/16

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

Quantitation Report (Qedit)

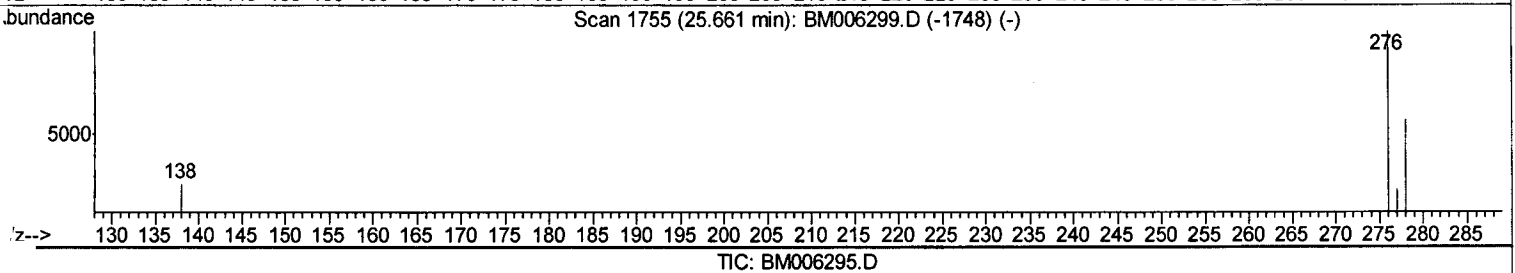
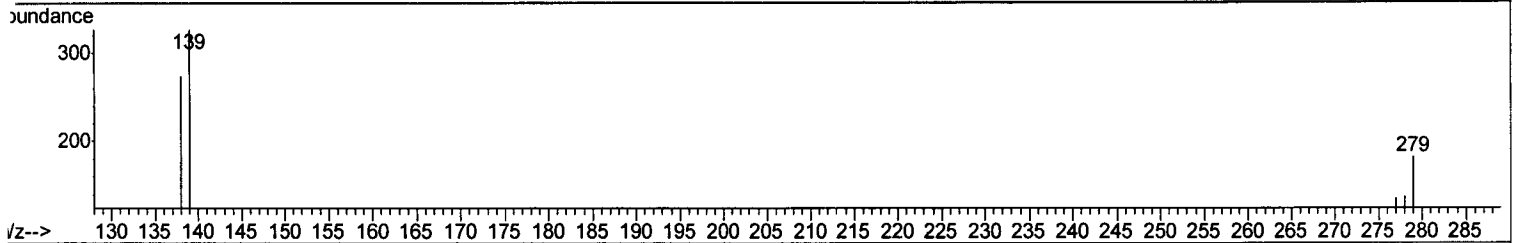
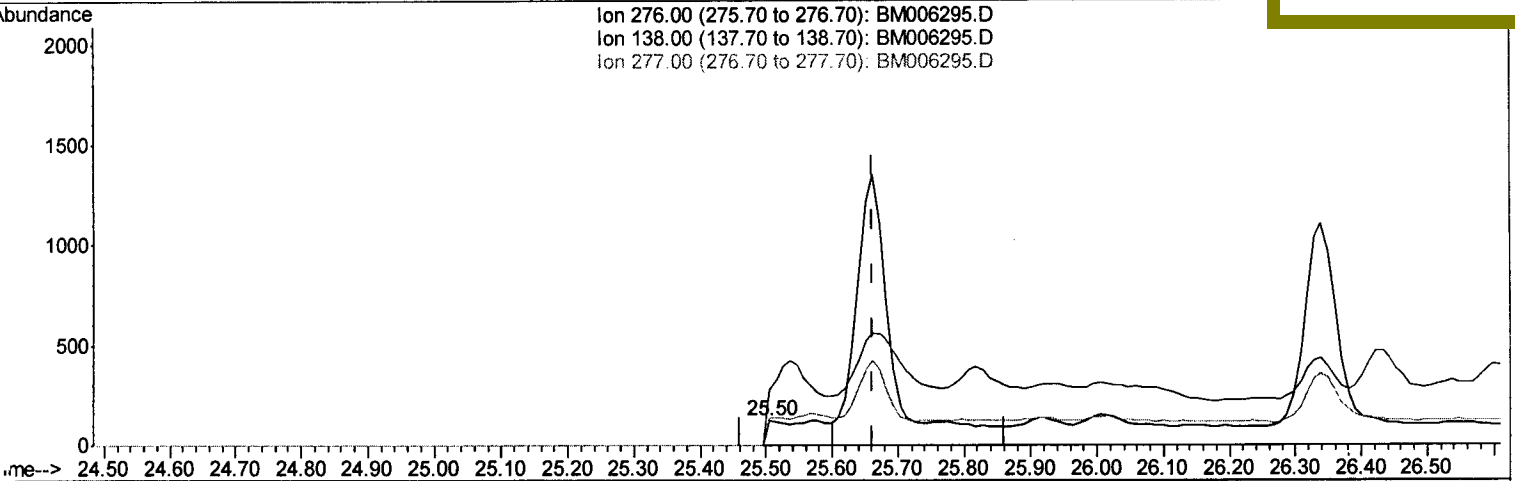
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(26) Indeno(1,2,3-cd)pyrene

25.505min (-0.156) 0.02ng/ul

response 713

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

Quantitation Report (Qedit)

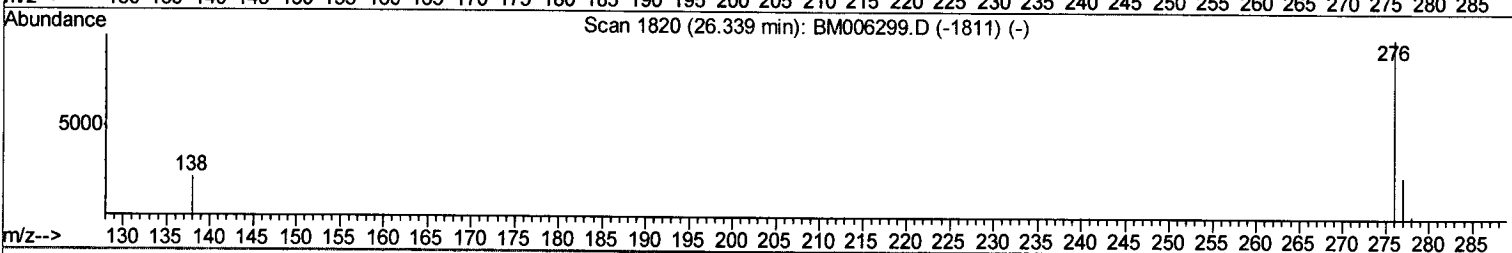
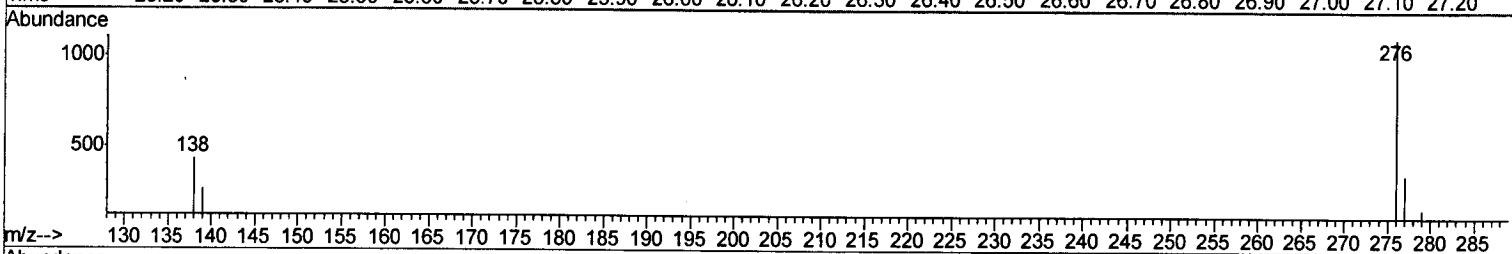
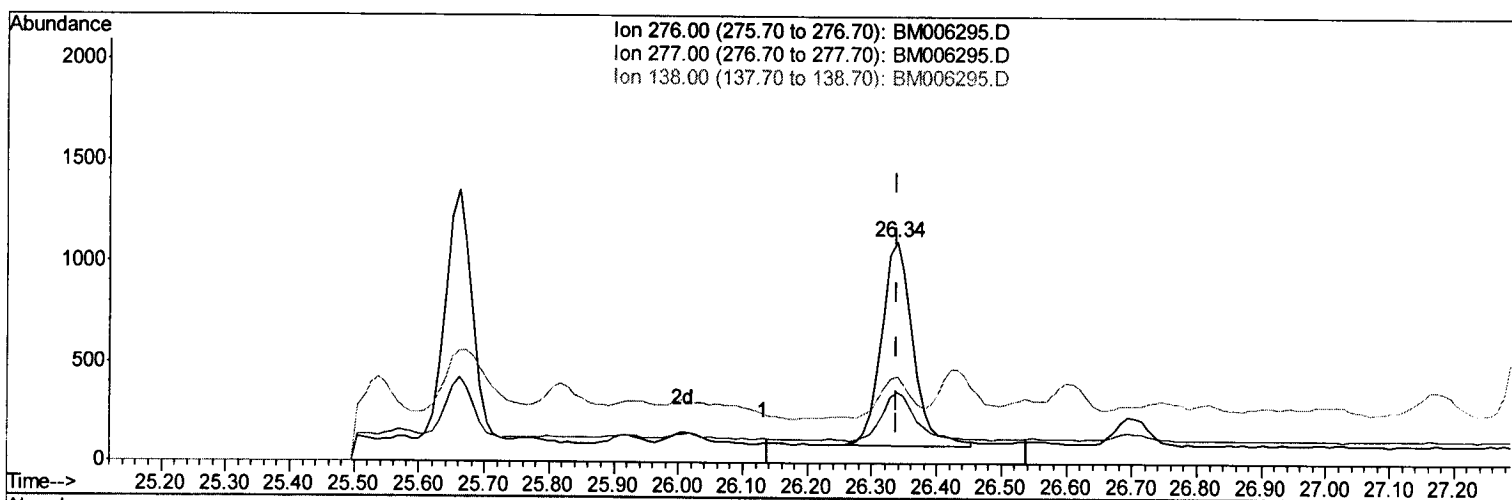
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006295.D
 Acq On : 06 Jul 2016 22:40
 Operator : UM/SJ
 Sample : H3811-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV7

Manual Integration

umangi
 7/7/2016 6:04:59 PM

Quant Time: Jul 07 11:22:35 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



TIC: BM006295.D

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

26.339min (+0.000) 0.10ng/ul m

response 3477

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	32.31#
138.00	28.10	39.19#
0.00	0.00	0.00

U.M
 07/11/16

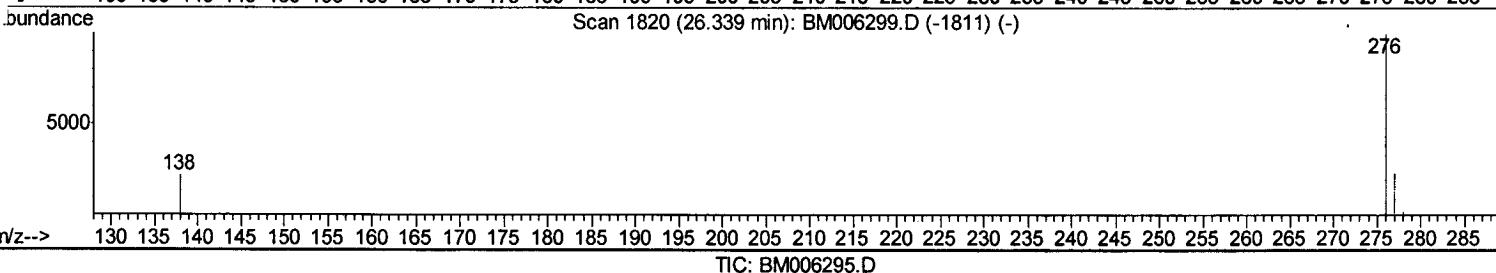
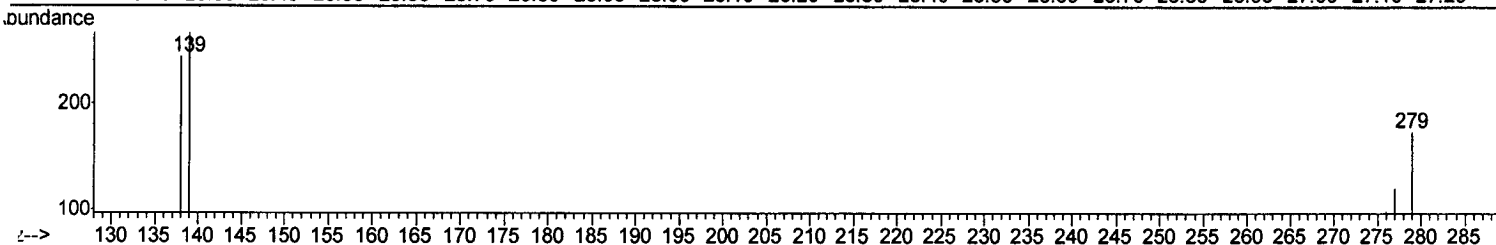
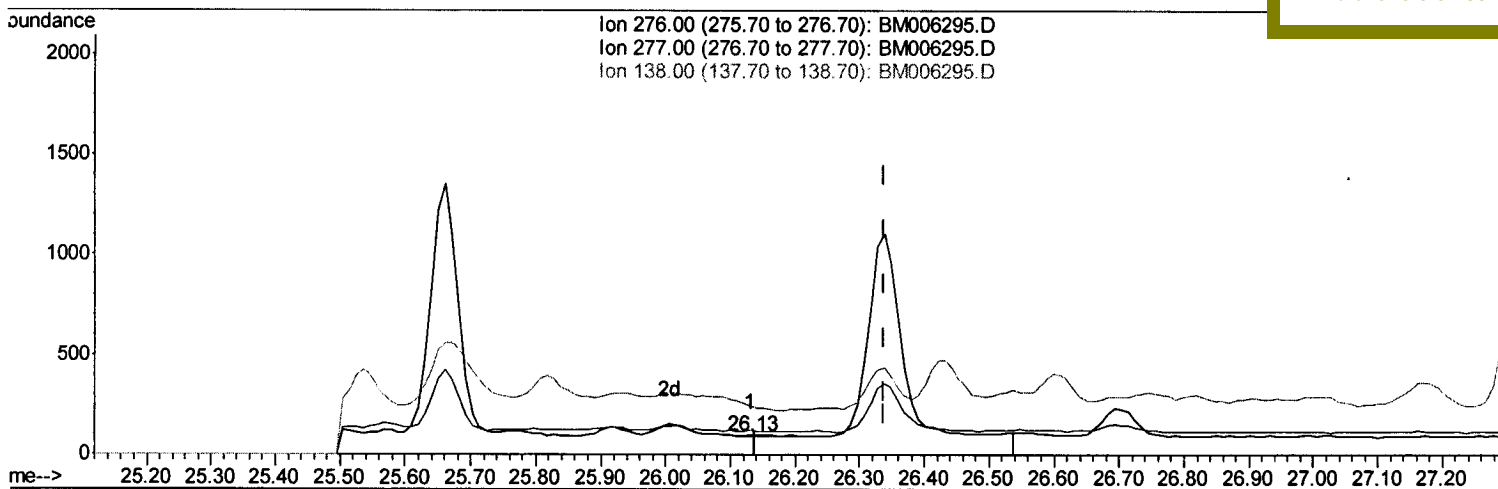
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006295.D
Acq On : 06 Jul 2016 22:40
Operator : UM/SJ
Sample : H3811-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TV7

Quant Time: Jul 07 11:22:35 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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(28) Benzo(g,h,i)perylene

26.130min (-0.208) 0.00ng/ul

response 31

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	122.45#
138.00	28.10	248.98#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006295.D
 Acq On : 06 Jul 2016 22:40
 Operator : UM/SJ
 Sample : H3811-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV7

Quant Time: Jul 07 11:24:41 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	4439	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17863	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10317	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	23102m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	16478	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	11677m	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	6894	3.67	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	5805	0.28	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	13231	0.27	ng/ul	-0.01

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.07	178	6491m	0.10	ng/ul	68
15) Anthracene	17.18	178	1495	0.03	ng/ul#	93
17) Fluoranthene	19.11	202	15420	0.22	ng/ul	93
19) Pyrene	19.47	202	14204	0.21	ng/ul#	91
20) Benzo(a)anthracene	21.22	228	5547	0.10	ng/ul#	93
21) Chrysene	21.27	228	6541	0.13	ng/ul	93
23) Benzo(b)fluoranthene	22.78	252	8151m	0.19	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	3222m	0.08	ng/ul	
25) Benzo(a)pyrene	23.35	252	4376m	0.11	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	3760m	0.09	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	3477m	0.10	ng/ul	

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