

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006290.D
 Acq On : 06 Jul 2016 19:38
 Operator : UM/SJ
 Sample : H3811-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

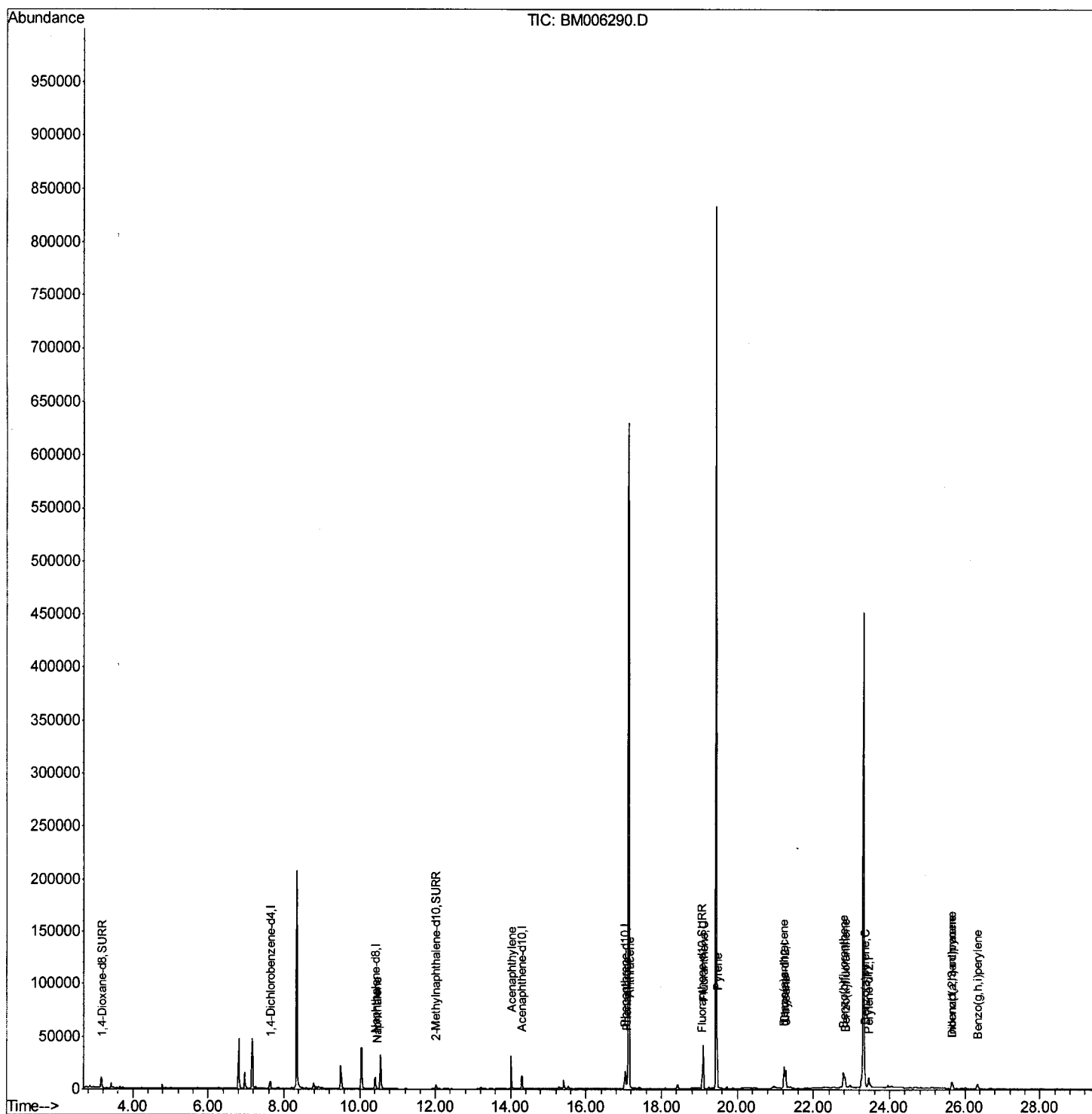
Instrument :
 BNA_M
 ClientSampleId :
 A4TV4

Manual Integration

umangi
 7/7/2016 6:04:21 PM

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Quant Time: Jul 07 11:01:31 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 : BM006290.D
 Acq On : 06 Jul 2016 19:38
 Operator : UM/SJ
 Sample : H3811-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

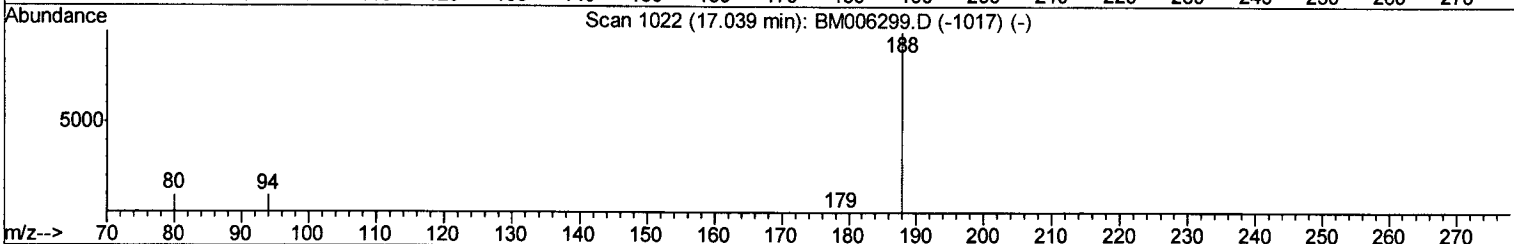
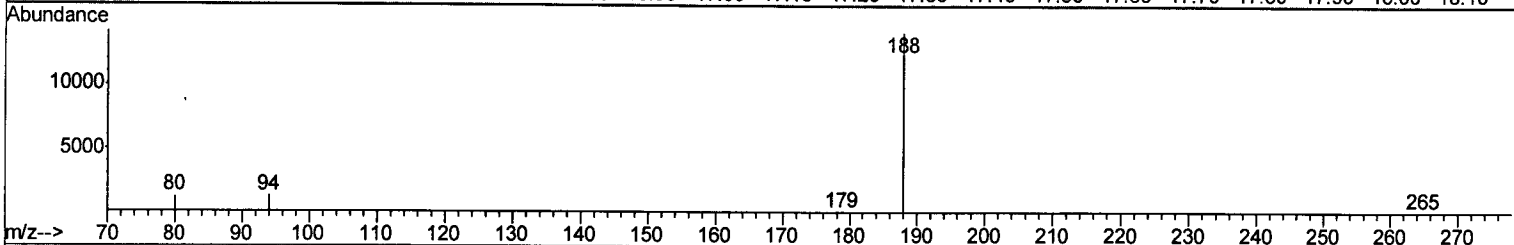
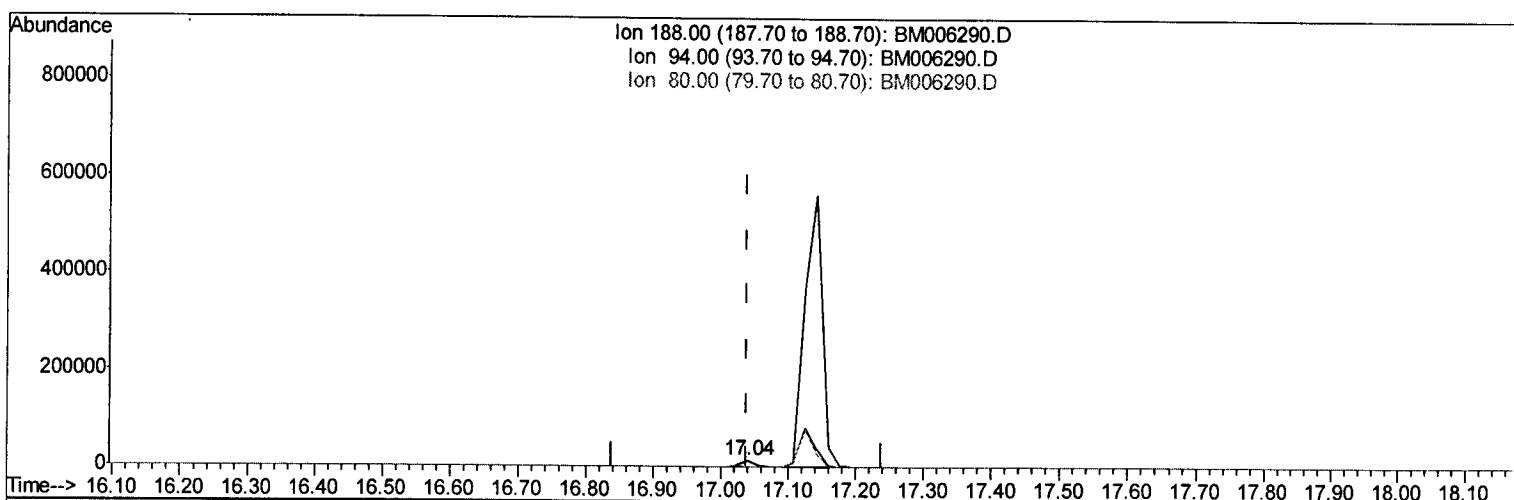
Instrument :
 BNA_M
 ClientSampled :
 A4TV4

Manual Integration

Quant Time: Jul 07 10:57:08 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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 umangi
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TIC: BM006290.D

(12) Phenanthrene-d10 (I)

17.039min (+0.000) 0.40ng/ul m

response 20895

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.12#
80.00	11.90	8.84#
0.00	0.00	0.00

U.M
 07/11/16

Quantitation Report (Qedit)

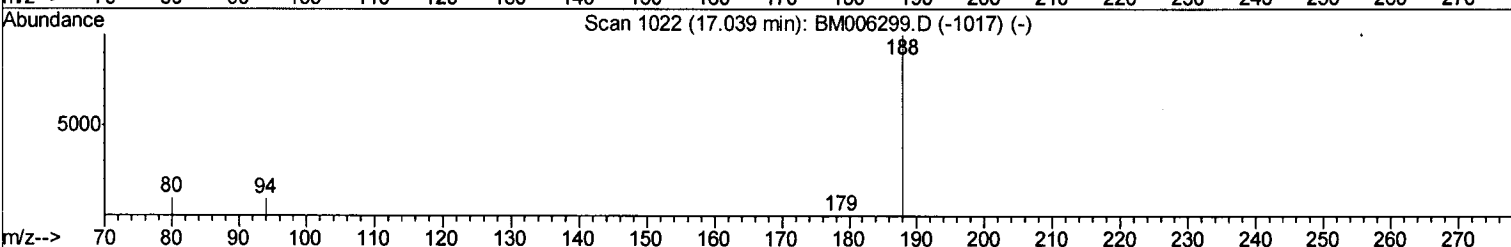
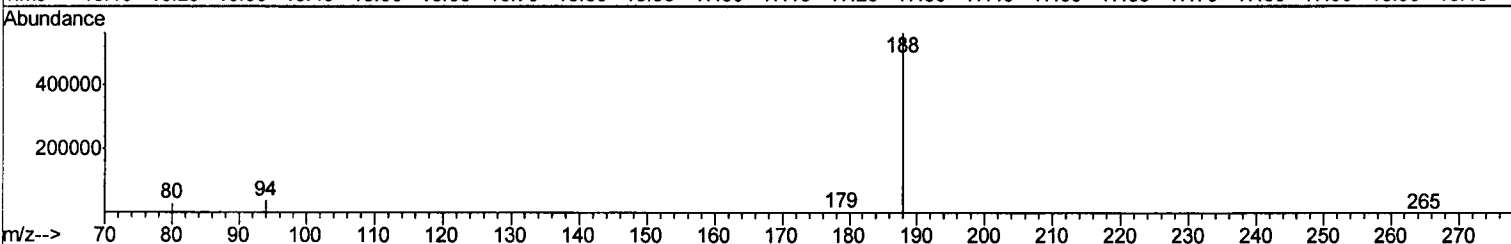
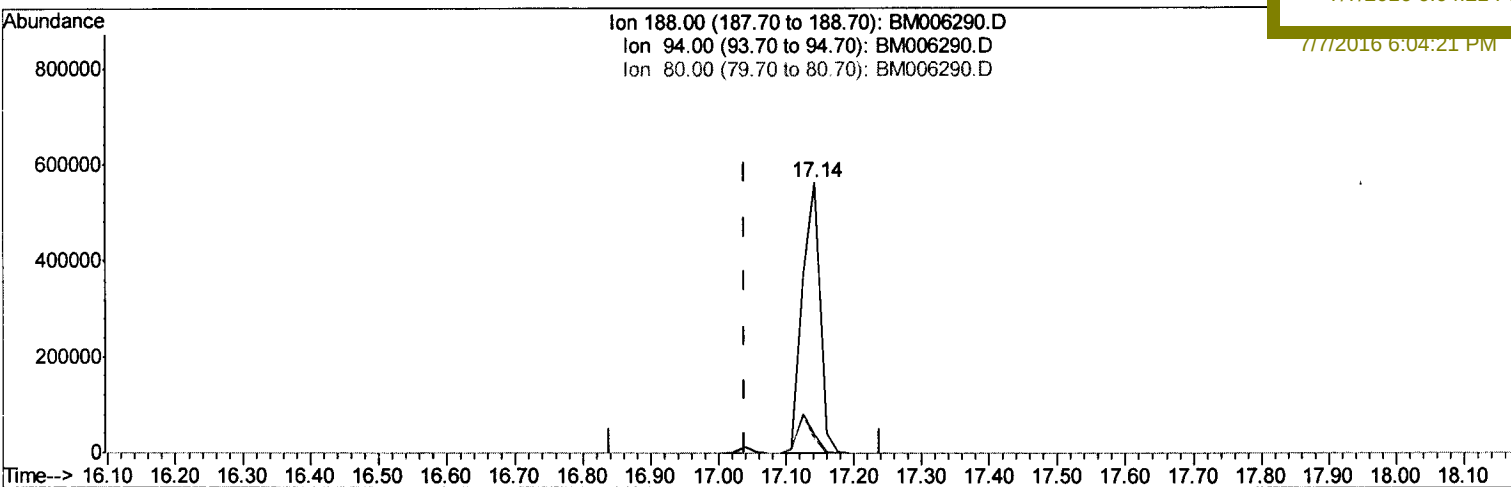
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
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Instrument :
 BNA_M
 ClientSampleId :
 A4TV4

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Manual Integration

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TIC: BM006290.D

(12) Phenanthrene-d10 (I)

17.142min (+0.103) 0.40ng/ul

response 1013993

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	6.80#
80.00	11.90	5.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

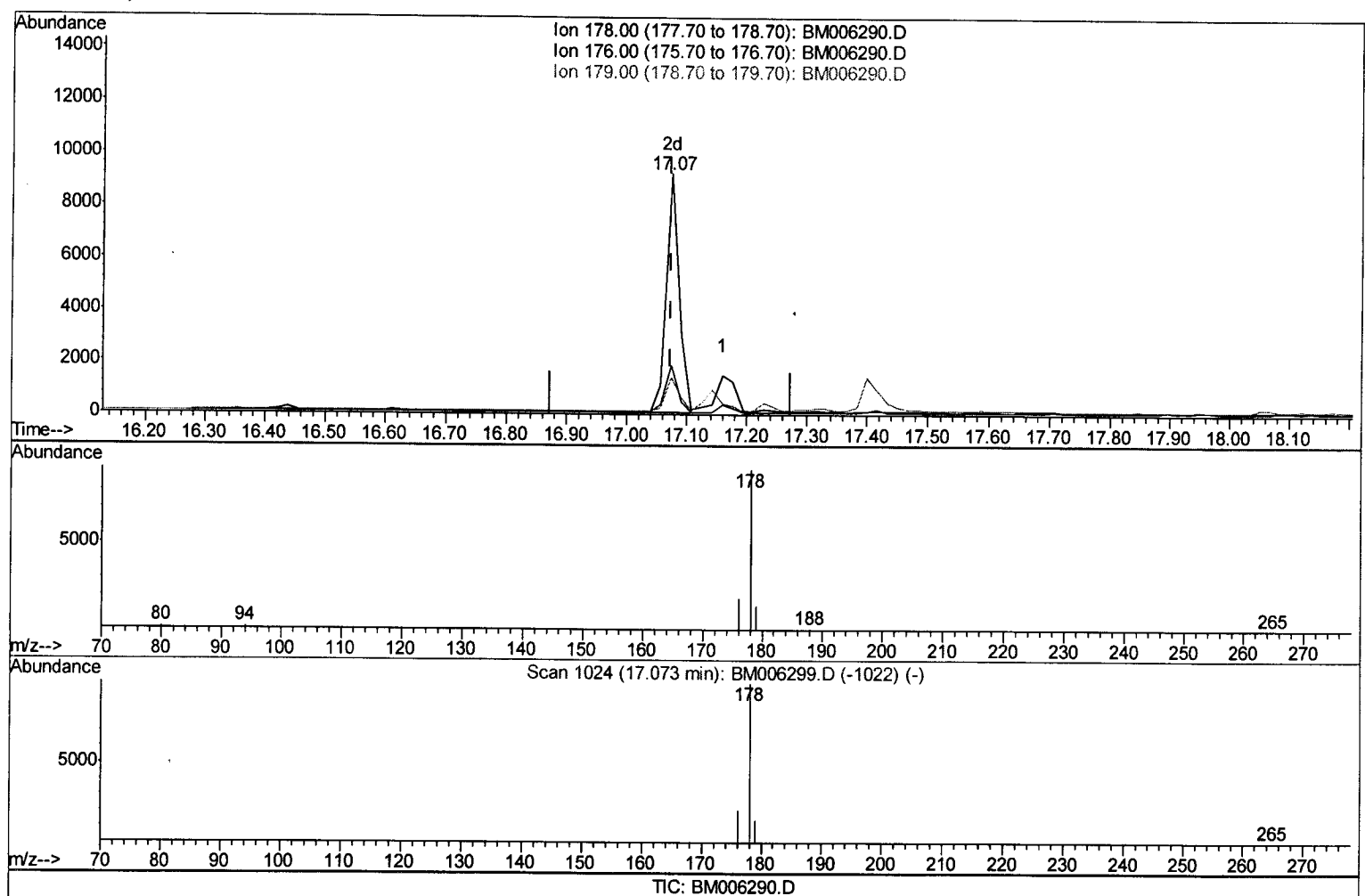
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006290.D
 Acq On : 06 Jul 2016 19:38
 Operator : UM/SJ
 Sample : H3811-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV4

Manual Integration

Quant Time: Jul 07 10:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
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(14) Phenanthrene

17.073min (+0.000) 0.24ng/ul m U.M
 response 13716 07/11/16

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.49#
179.00	17.70	15.62
0.00	0.00	0.00

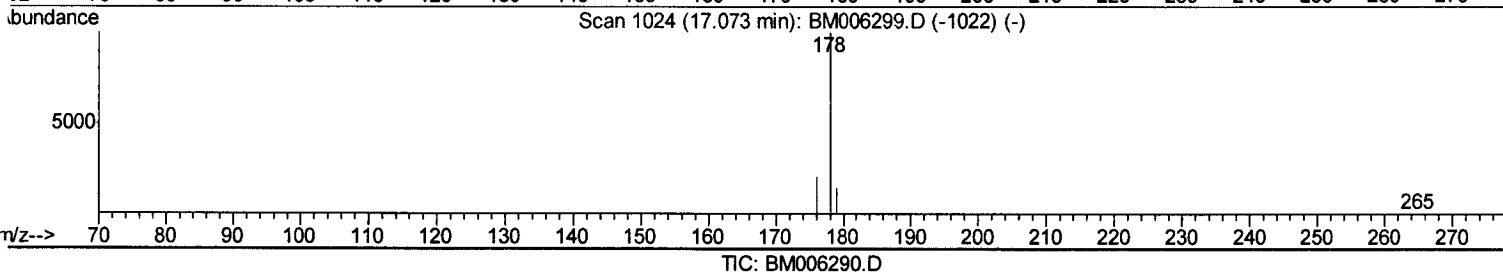
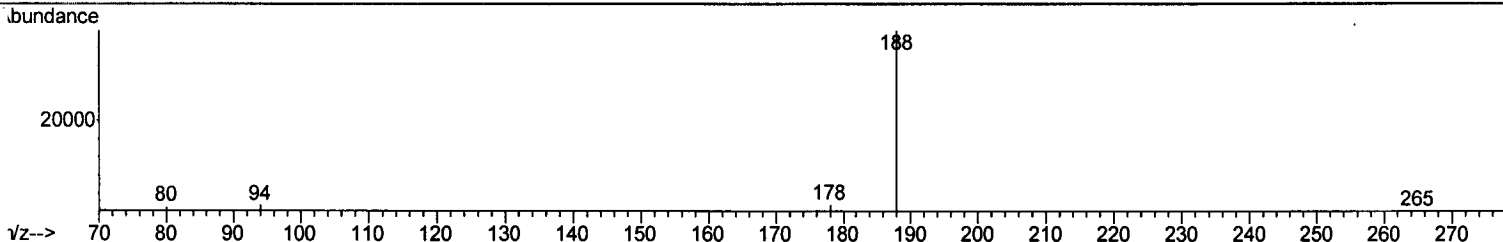
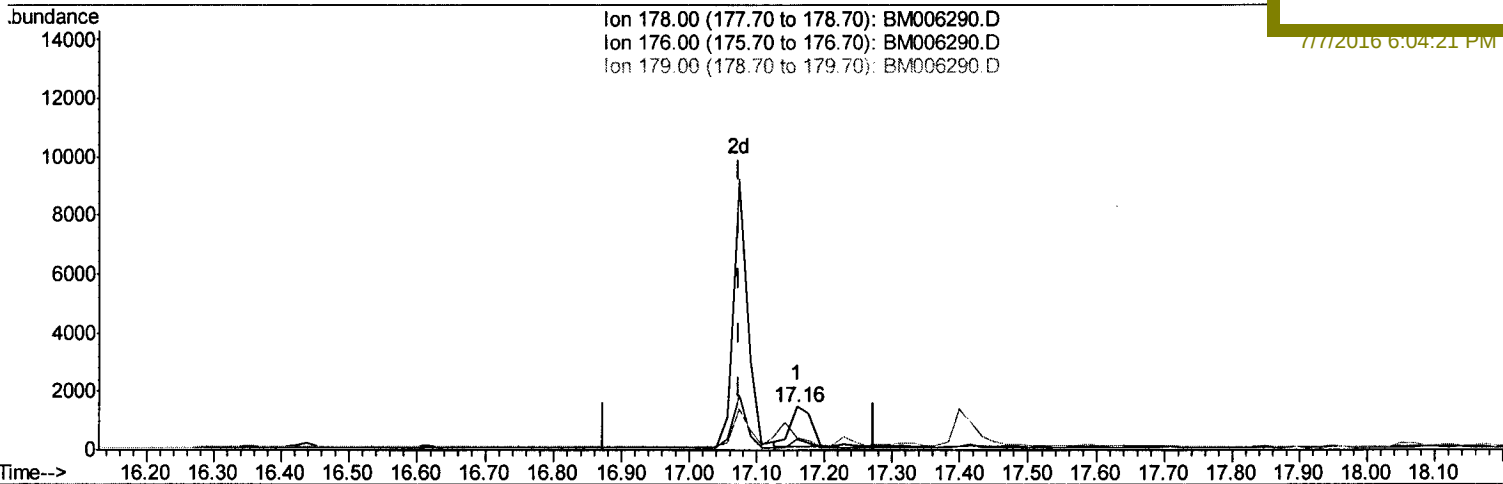
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TV4

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Manual Integration

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TIC: BM006290.D

(14) Phenanthrene

17.159min (+0.086) 0.05ng/ul

response 2874

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	25.34#
179.00	17.70	27.35#
0.00	0.00	0.00

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 Sample : H3811-04
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 ALS Vial : 12 Sample Multiplier: 1

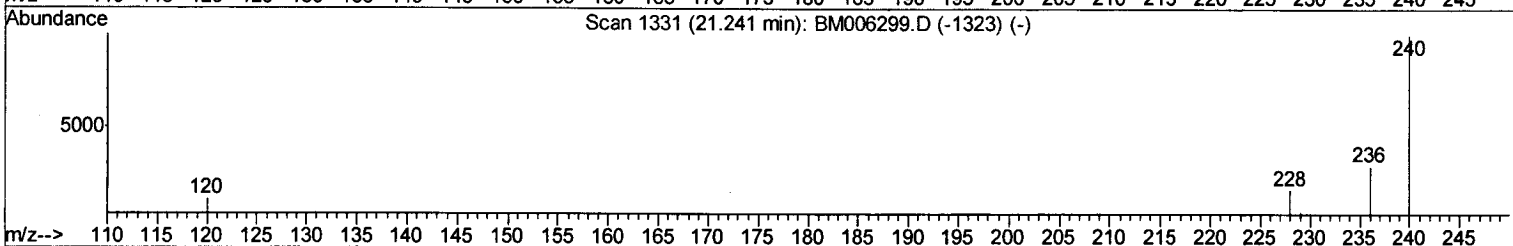
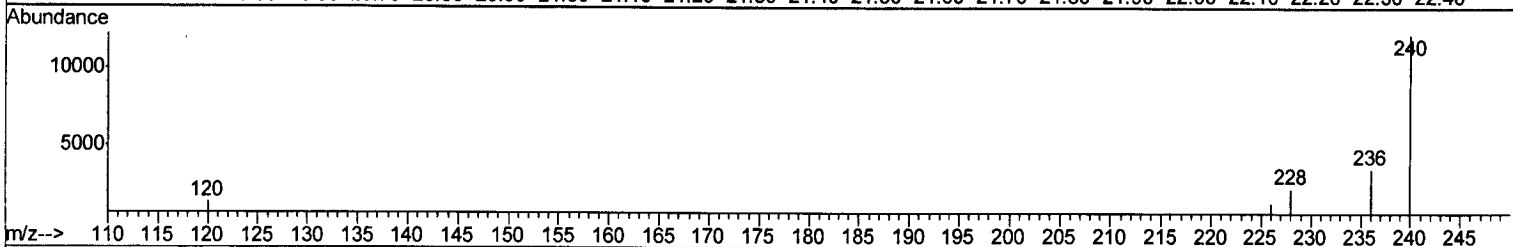
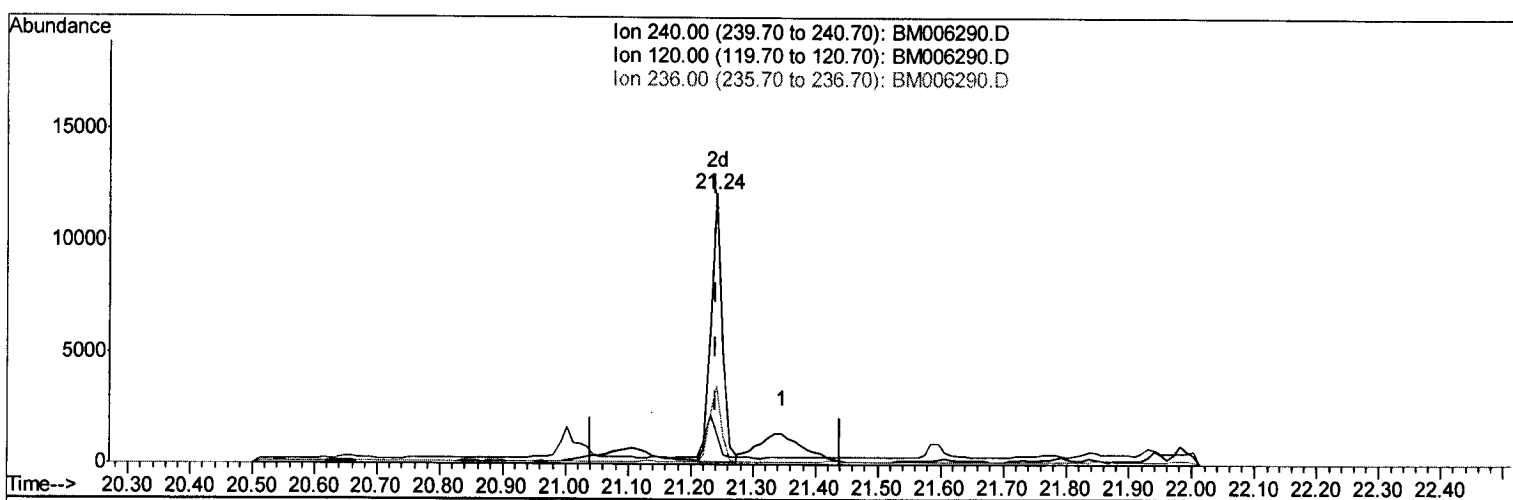
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 BNA_M
 ClientSampleId :
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(18) Chrysene-d12 (I)

21.242min (+0.000) 0.40ng/ul m *U.M*
07/11/16
 response 15312

Ion	Exp%	Act%
240.00	100	100
120.00	17.20	11.18#
236.00	30.80	29.01
0.00	0.00	0.00

Quantitation Report (Qedit)

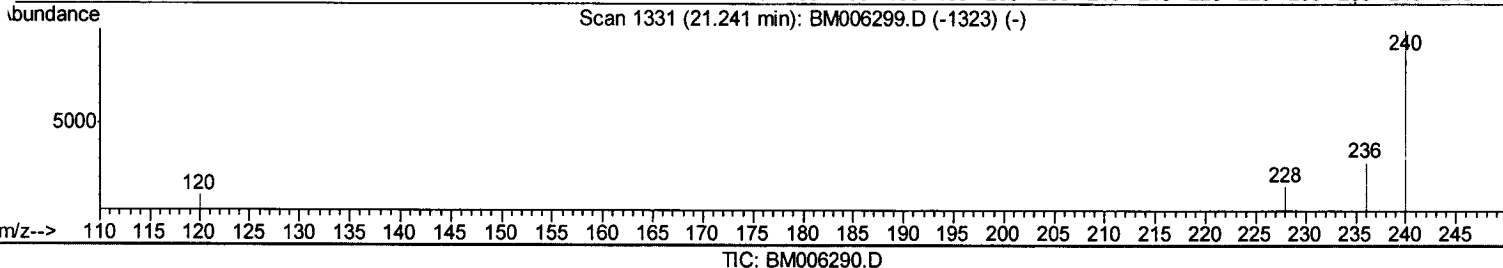
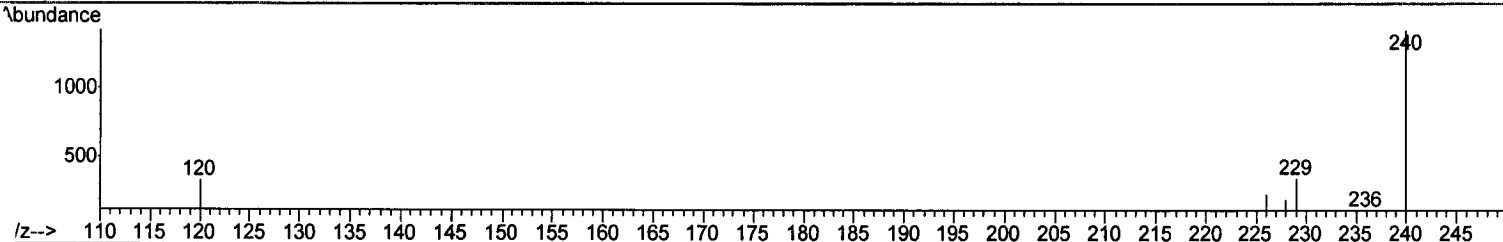
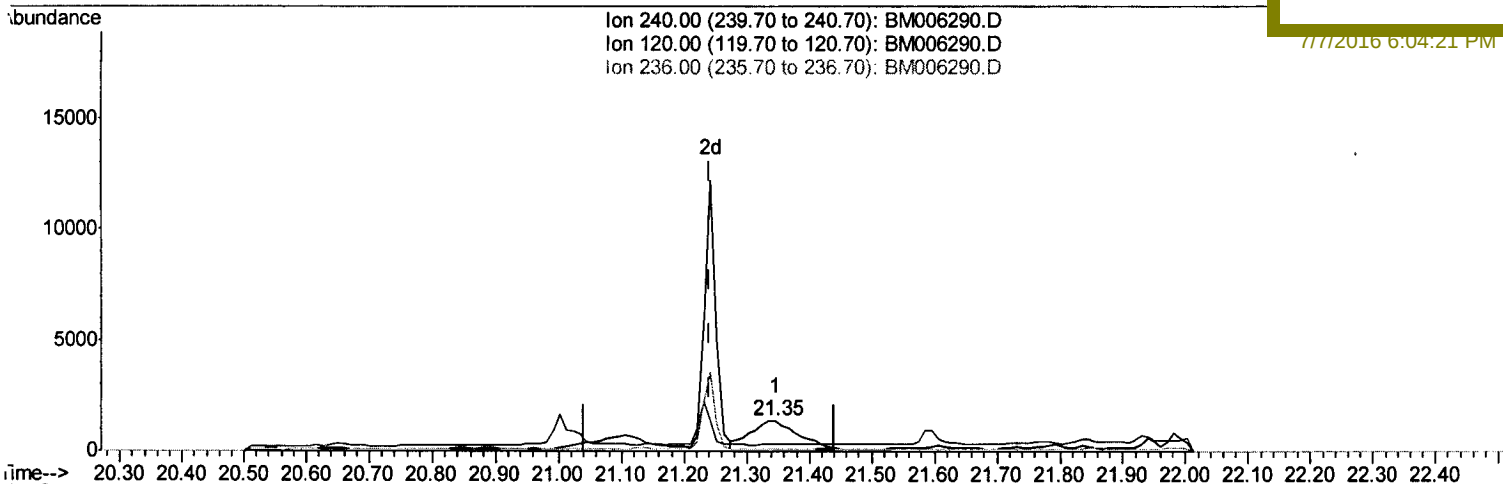
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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV4

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Manual Integration

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(18) Chrysene-d12 (I)

21.346min (+0.104) 0.40ng/ul

response 6583

Ion	Exp%	Act%
240.00	100	100
120.00	17.20	23.65#
236.00	30.80	8.85#
0.00	0.00	0.00

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 Operator : UM/SJ
 Sample : H3811-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

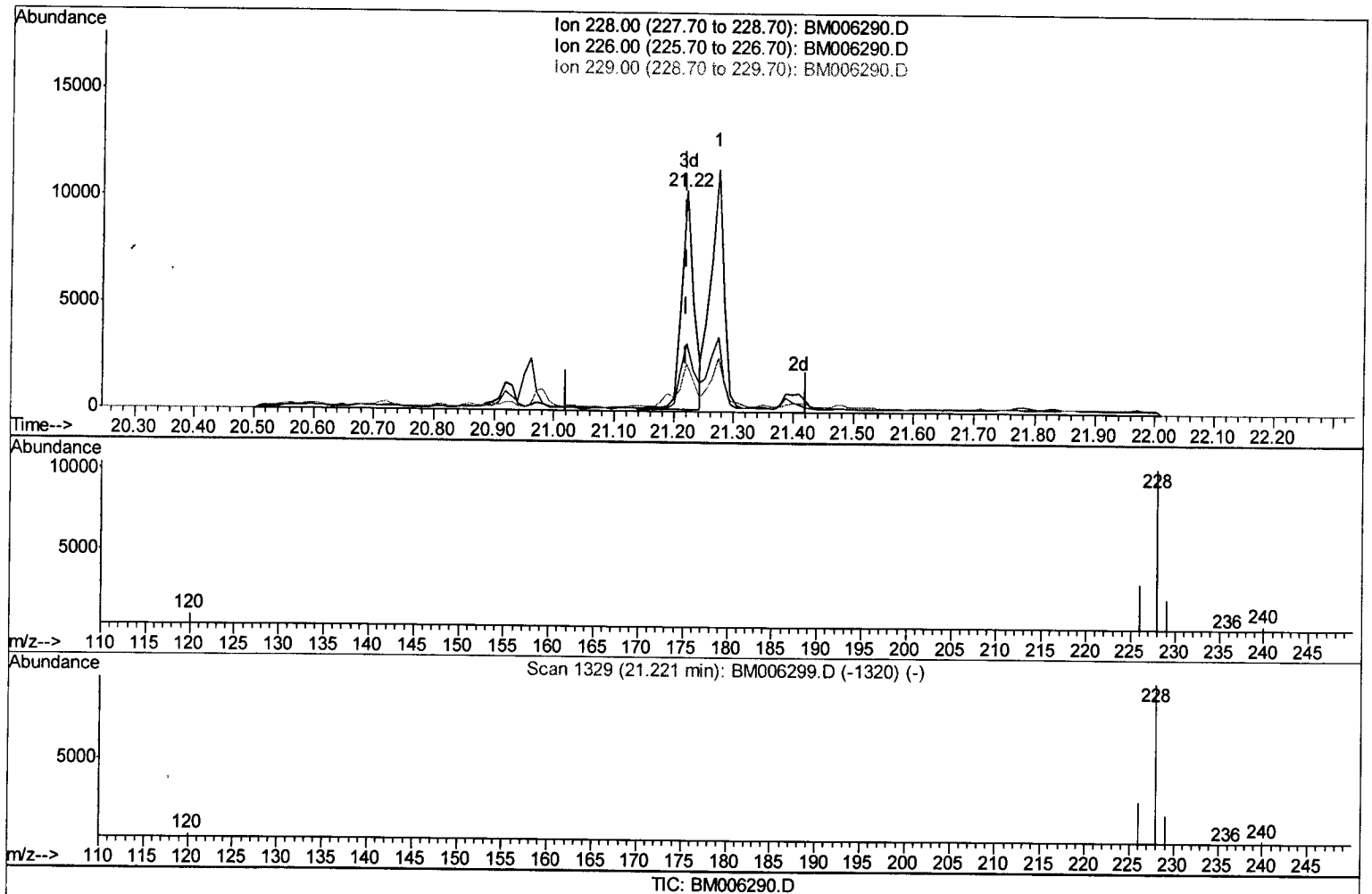
Instrument :
 BNA_M
 ClientSampleId :
 A4TV4

Manual Integration

Quant Time: Jul 07 10:59:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
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(20) Benzo(a)anthracene

21.221min (+0.000) 0.29ng/ul m U.M

response 14276

07/18/16

Ion	Exp%	Act%
228.00	100	100
226.00	23.50	31.09#
229.00	21.40	21.92
0.00	0.00	0.00

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Sample : H3811-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

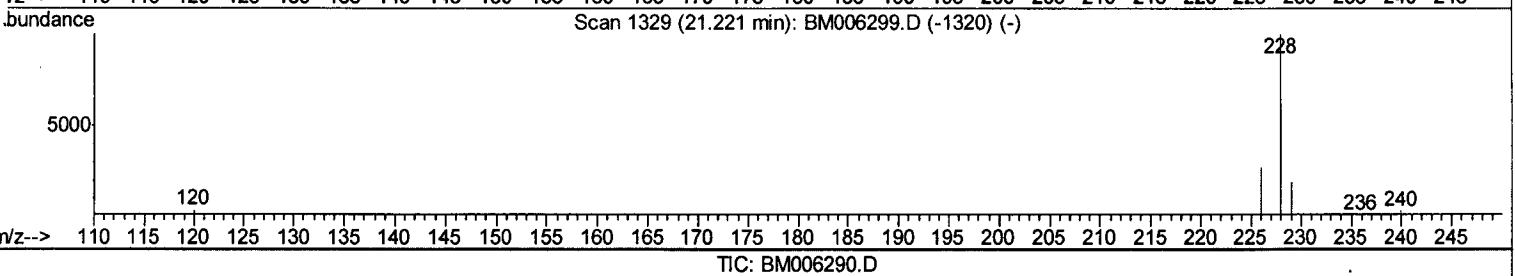
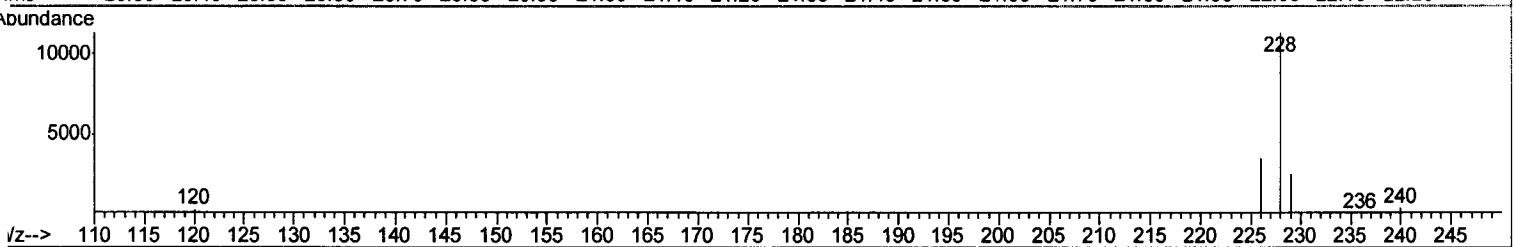
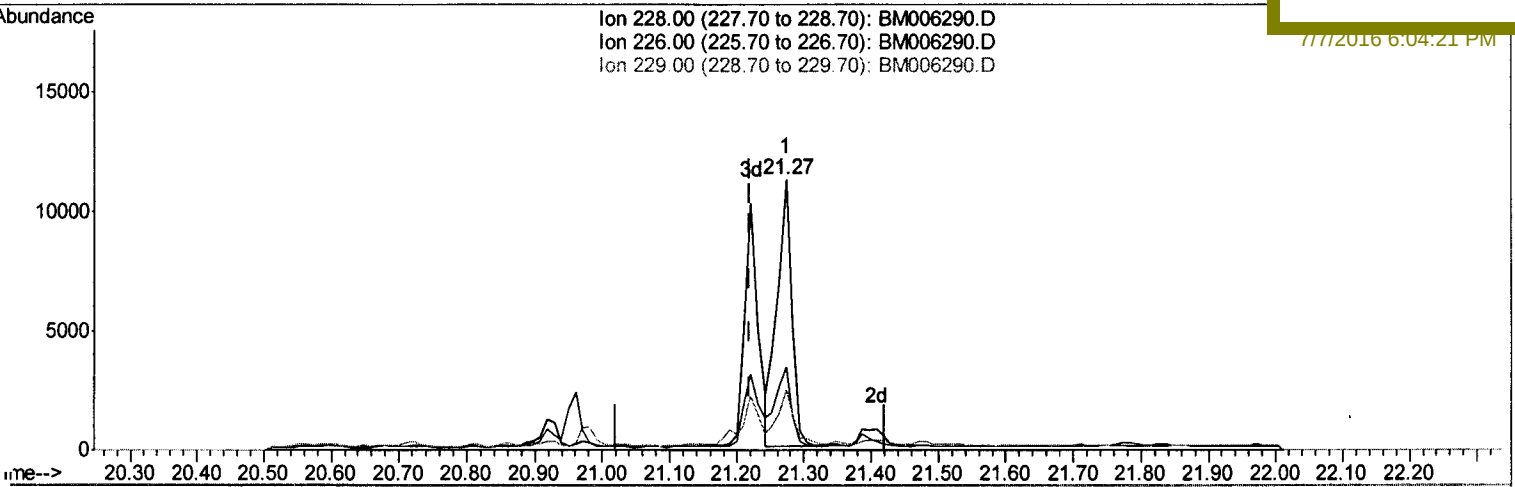
Instrument :
BNA_M
ClientSampleId :
A4TV4

Manual Integration

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7/7/2016 6:04:21 PM

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(20) Benzo(a)anthracene

21.273min (+0.052) 0.35ng/ul

response 17428

Ion	Exp%	Act%
228.00	100	100
226.00	23.50	31.05#
229.00	21.40	22.15
0.00	0.00	0.00

Quantitation Report (Qedit)

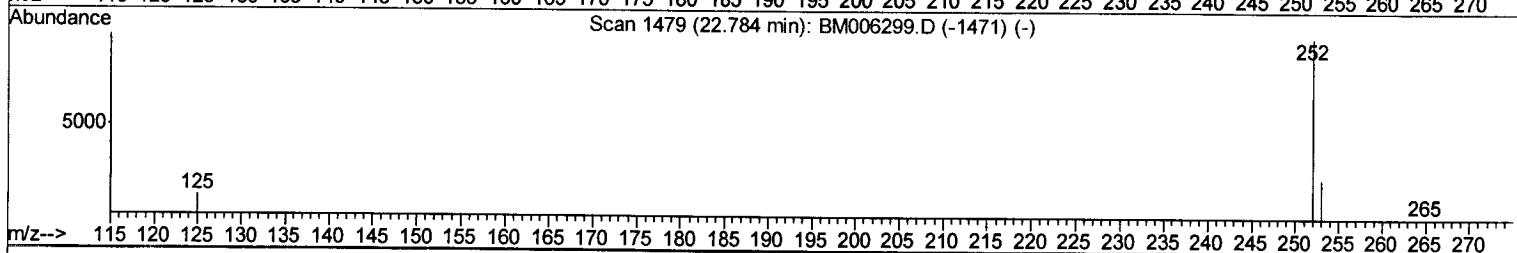
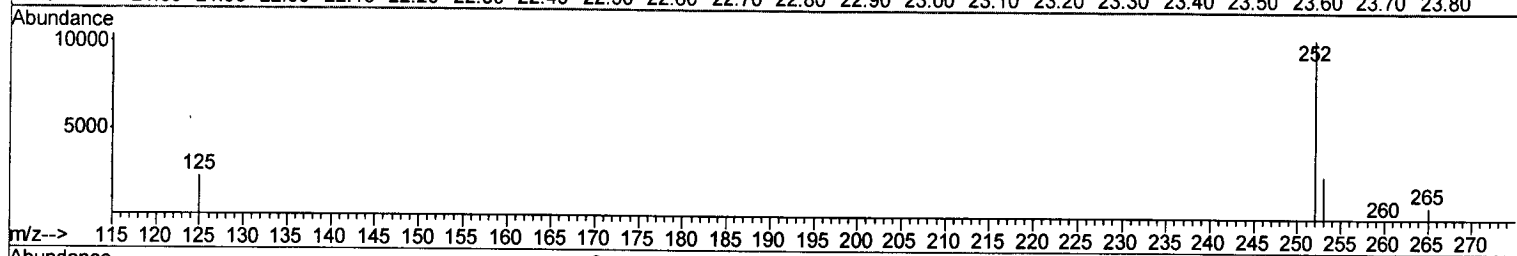
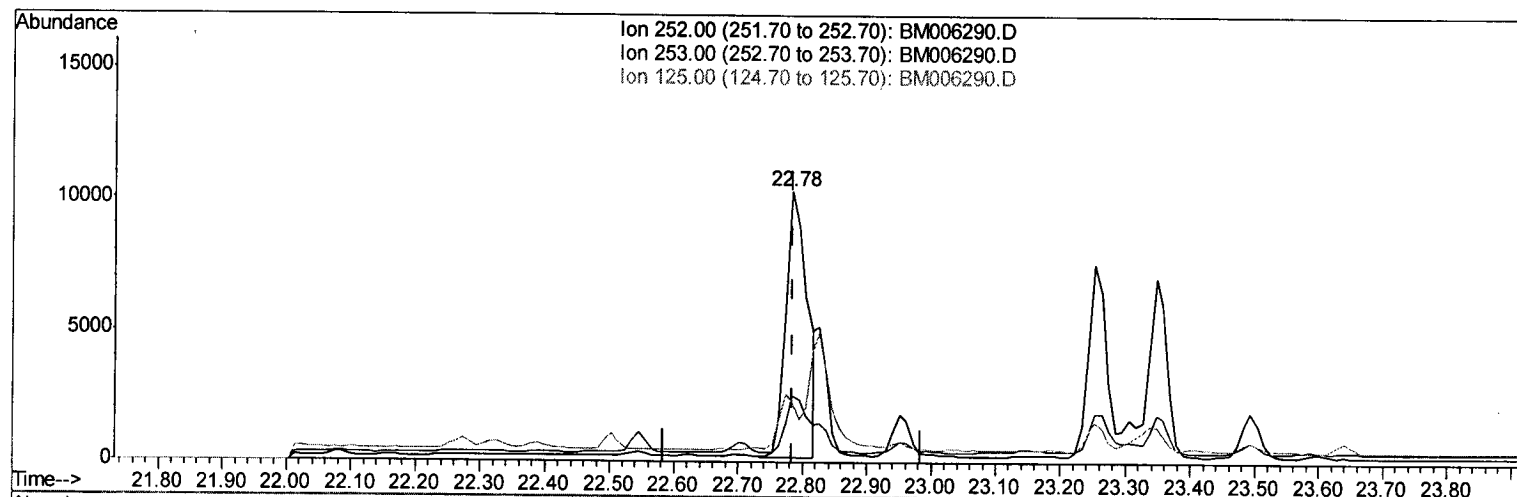
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
 Data File : BM006290.D
 Acq On : 06 Jul 2016 19:38
 Operator : UM/SJ
 Sample : H3811-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV4

Manual Integration

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 7/7/2016 6:04:21 PM



TIC: BM006290.D

(23) Benzo(b)fluoranthene

22.784min (+0.000) 0.51ng/ul m

response 23370

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.71
125.00	14.40	22.41
0.00	0.00	0.00

U.M
 07/11/16

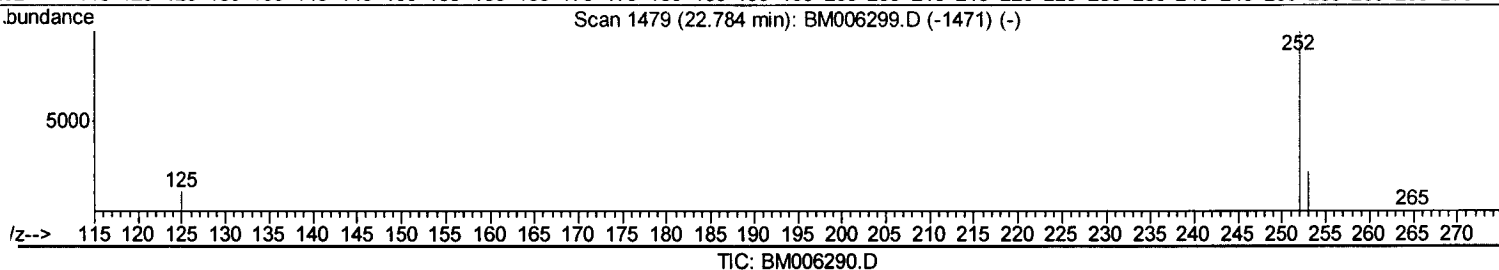
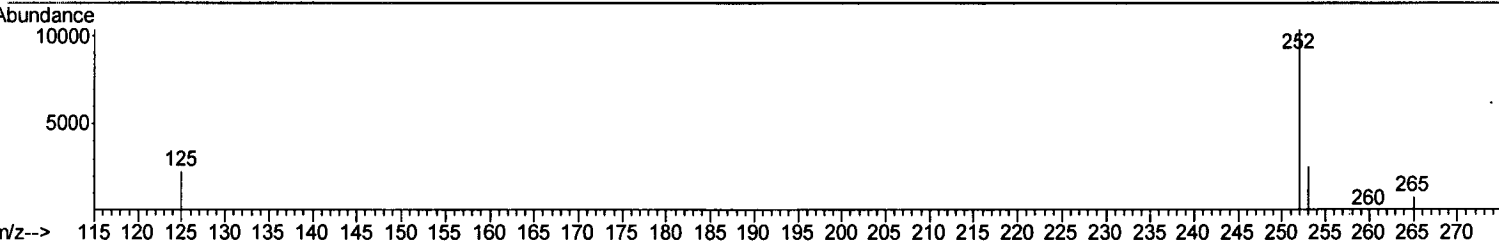
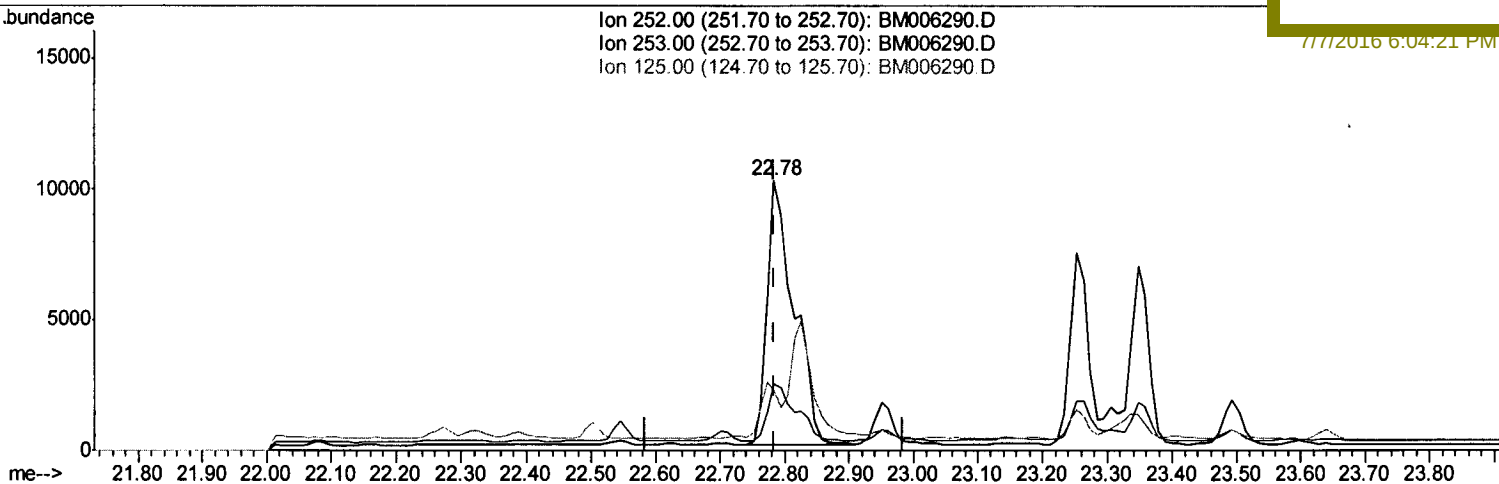
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
Data File : BM006290.D
Acq On : 06 Jul 2016 19:38
Operator : UM/SJ
Sample : H3811-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TV4

Manual Integration

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(23) Benzo(b)fluoranthene

22.784min (+0.000) 0.63ng/ul

response 28811

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.71
125.00	14.40	22.41
0.00	0.00	0.00

Quantitation Report (Qedit)

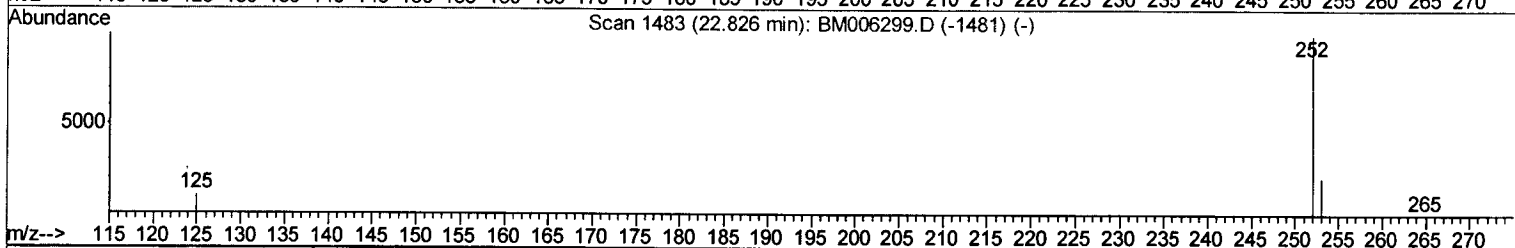
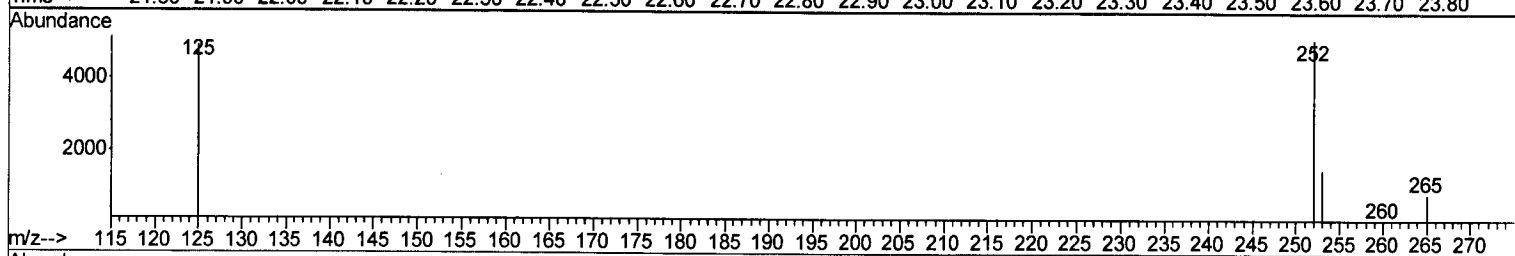
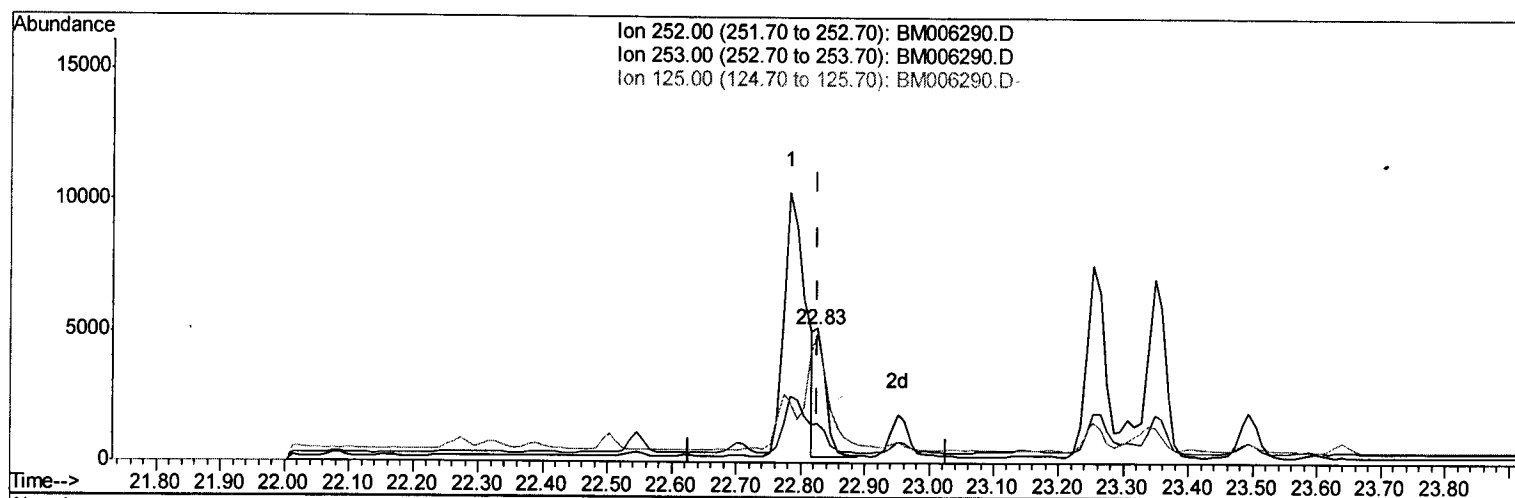
Data Path : Z:\HPCHEM1\BNA_M\Data\BM070716\
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 Sample : H3811-04
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Instrument :
 BNA_M
 ClientSampleId :
 A4TV4

Manual Integration

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 7/7/2016 6:04:21 PM



(24) Benzo(k)fluoranthene

22.826min (+0.000) 0.14ng/ul m

response 5877

UM
 07/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	29.53
125.00	13.00	95.71#
0.00	0.00	0.00

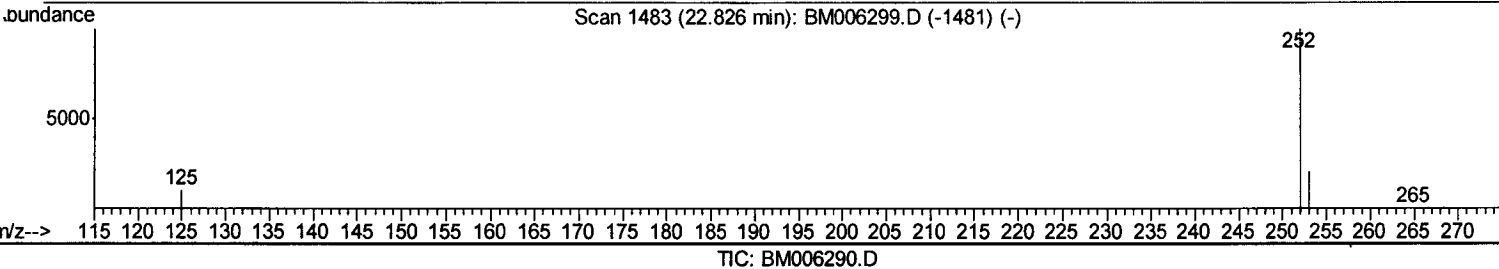
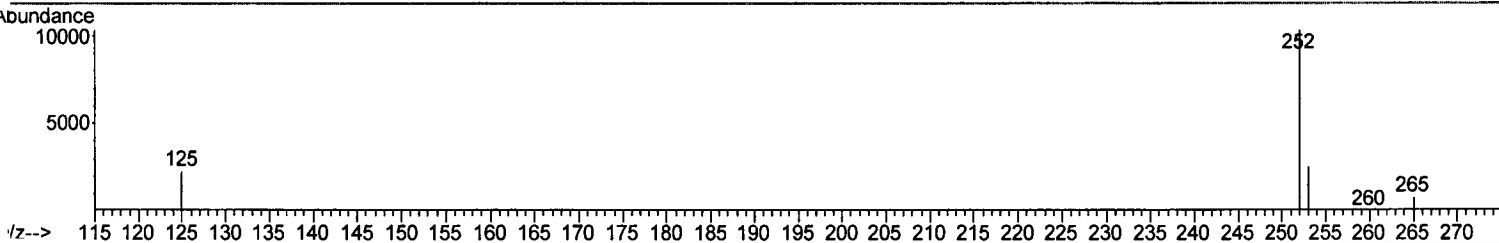
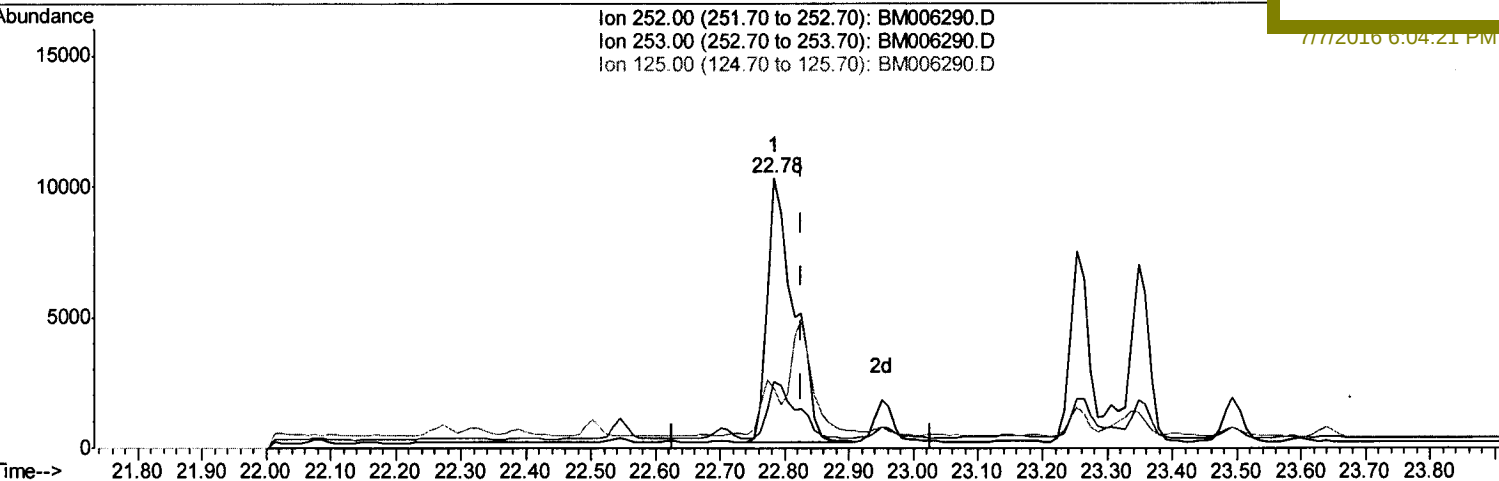
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
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A4TV4

Manual Integration

umangi
7/7/2016 6:04:21 PM

7/7/2016 6:04:21 PM



(24) Benzo(k)fluoranthene

22.784min (-0.041) 0.68ng/ul

response 28811

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.71
125.00	13.00	22.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

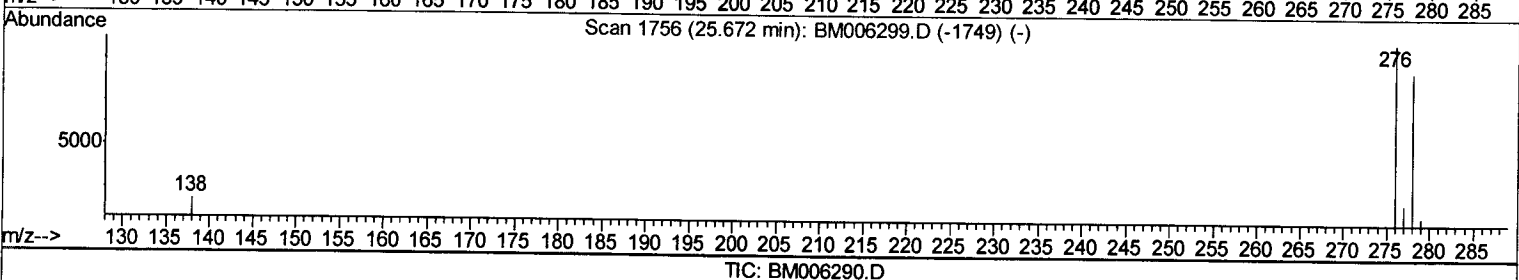
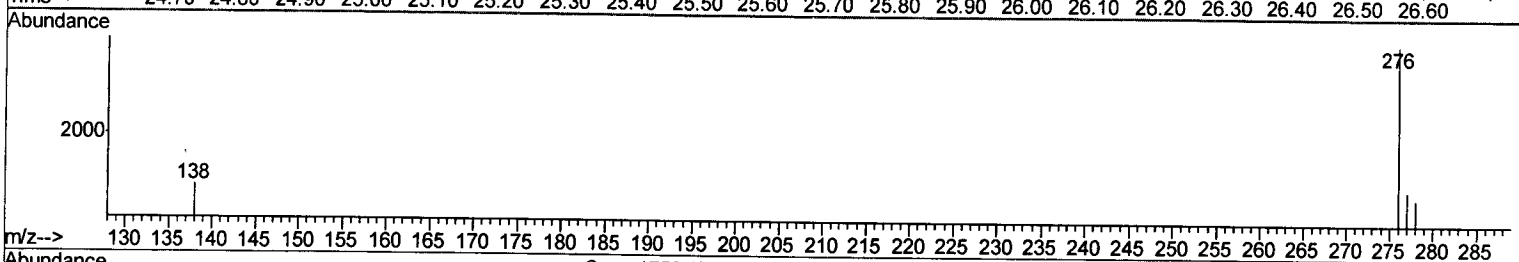
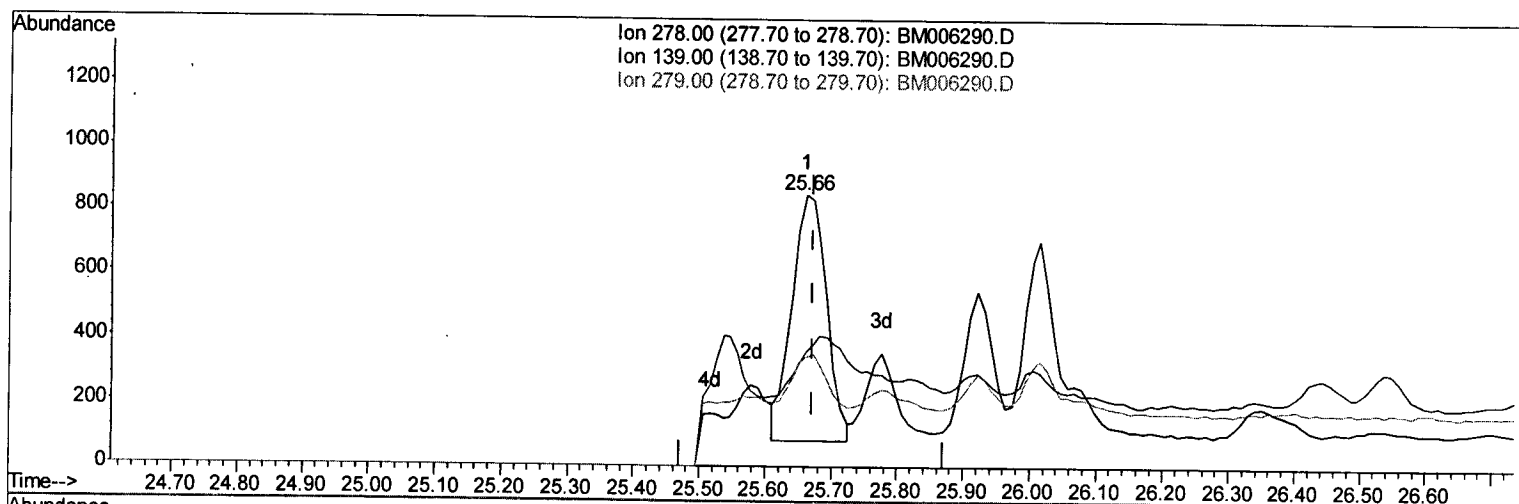
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(27) Dibenzo(a,h)anthracene

25.661min (-0.010) 0.08ng/ul m U.M
 response 2802 07/11/16

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	42.45#
279.00	25.20	40.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

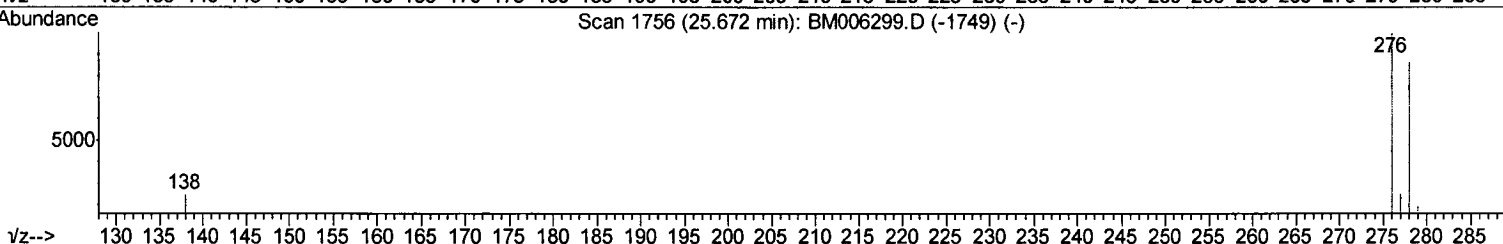
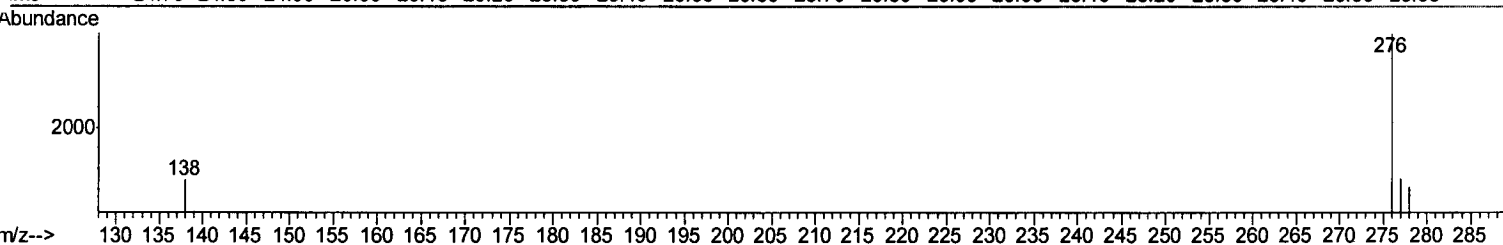
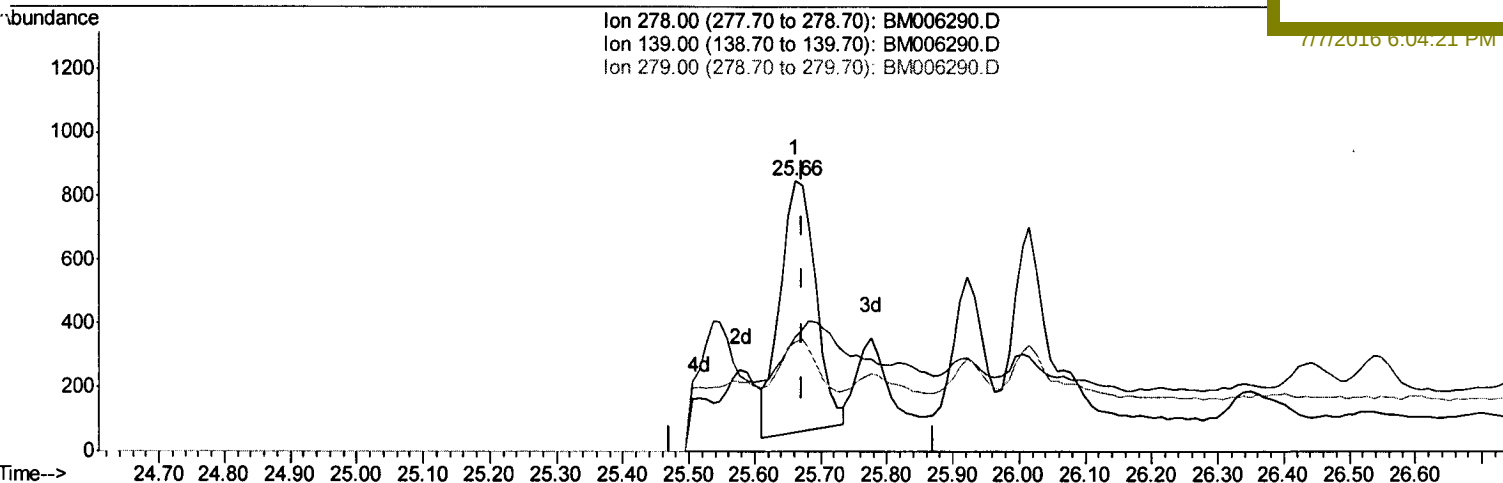
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TIC: BM006290.D

(27) Dibenzo(a,h)anthracene

25.661min (-0.010) 0.08ng/ul

response 2975

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	42.45#
279.00	25.20	40.45#
0.00	0.00	0.00

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 Acq On : 06 Jul 2016 19:38
 Operator : UM/SJ
 Sample : H3811-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV4

Quant Time: Jul 07 11:01:31 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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 7/7/2016 6:04:21 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4051	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	15998	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9341	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	20895m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15312m	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12792	0.40	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	7394	4.32	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	5773	0.31	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	13197	0.30	ng/ul	-0.01

Target Compounds

						Qvalue
5) Naphthalene	10.48	128	810	0.02	ng/ul#	67
9) Acenaphthylene	14.01	152	2293	0.07	ng/ul#	94
14) Phenanthrene	17.07	178	13716m	0.24	ng/ul	78
15) Anthracene	17.16	178	2817	0.05	ng/ul#	94
17) Fluoranthene	19.11	202	40457	0.63	ng/ul	94
19) Pyrene	19.47	202	36577	0.57	ng/ul	95
20) Benzo(a)anthracene	21.22	228	14276m	0.29	ng/ul	94
21) Chrysene	21.27	228	17349	0.36	ng/ul	94
23) Benzo(b)fluoranthene	22.78	252	23370m	0.51	ng/ul	94
24) Benzo(k)fluoranthene	22.83	252	5877m	0.14	ng/ul	94
25) Benzo(a)pyrene	23.35	252	14379	0.34	ng/ul#	94
26) Indeno(1,2,3-cd)pyrene	25.66	276	11435	0.24	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.66	278	2802m	0.08	ng/ul	96
28) Benzo(g,h,i)perylene	26.34	276	9795	0.24	ng/ul	96

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