

Quantitation Report (QT Reviewed)

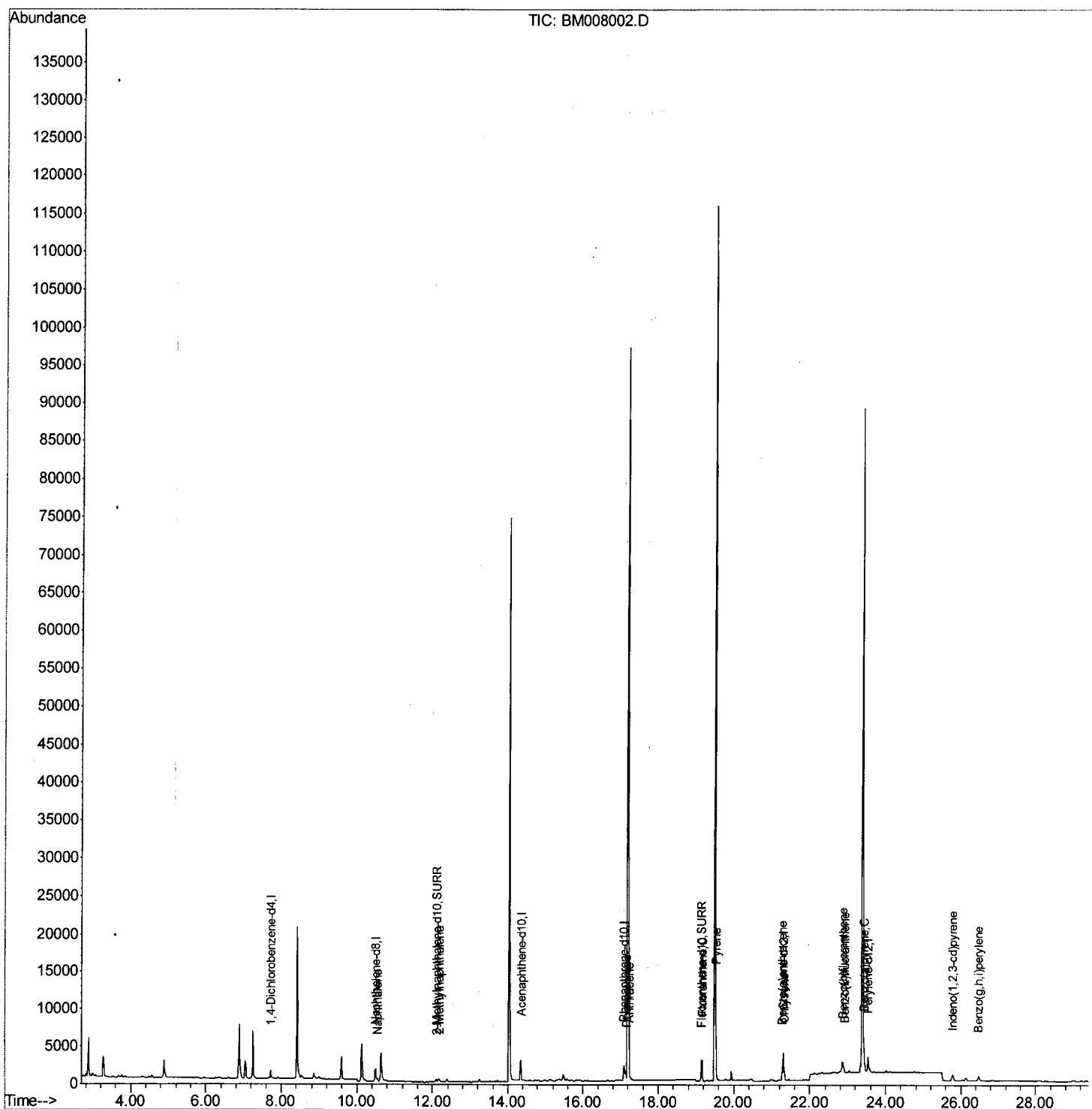
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008002.D
 Acq On : 22 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5695-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST9

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:06:50 PM

Quant Time: Nov 23 10:02:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:26:48 2016
 Response via : Initial Calibration



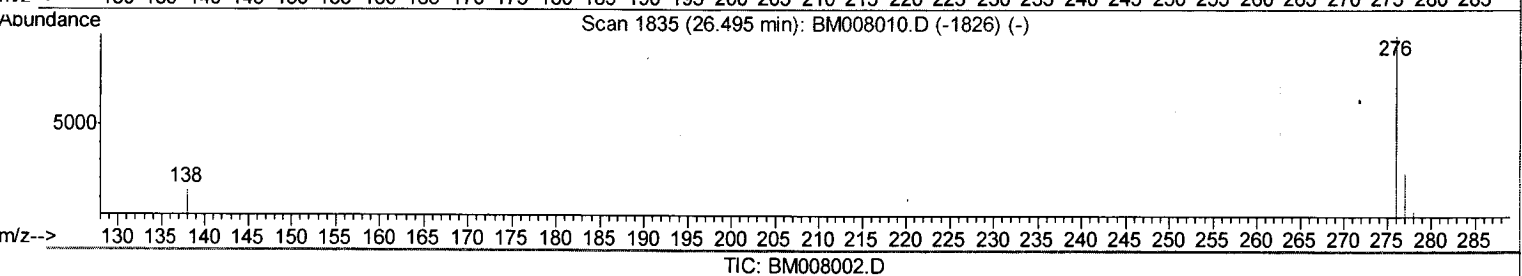
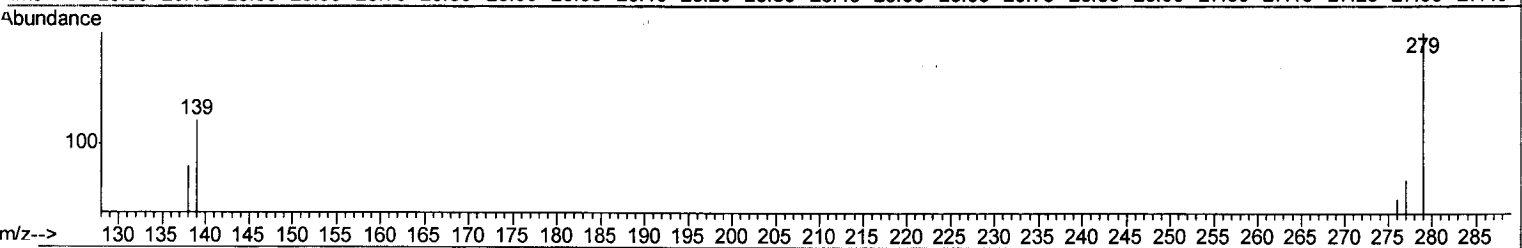
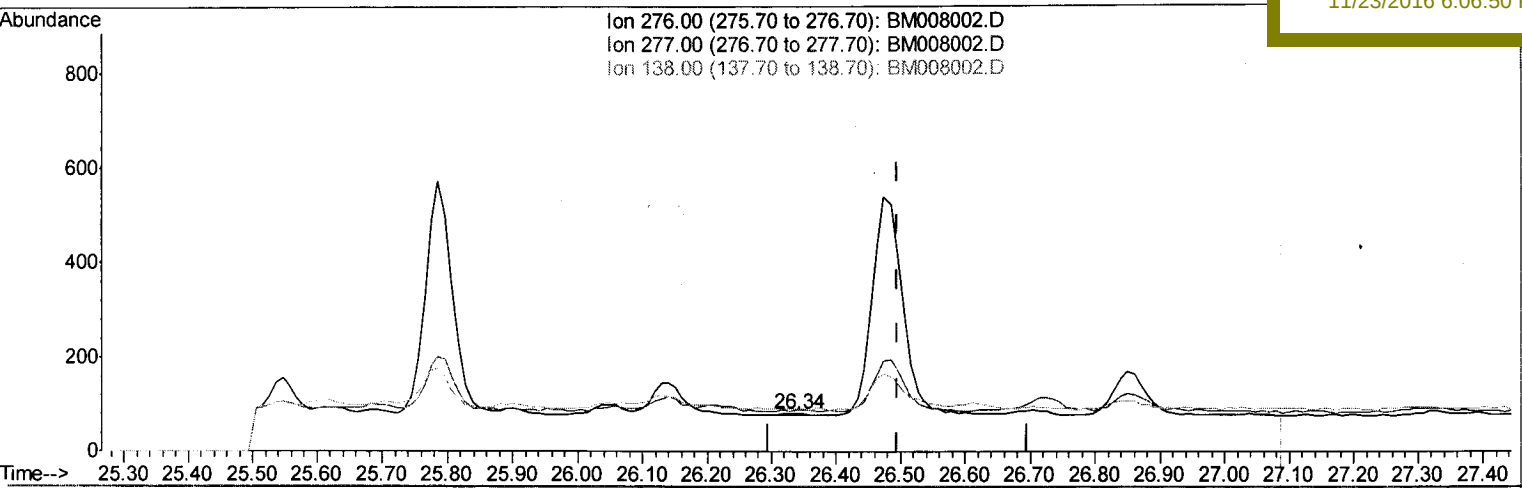
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Quant Time: Nov 23 10:00:19 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:26:48 2016
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(26) Benzo(g,h,i)perylene

26.339min (-0.156) 0.00ng/ul

response 14

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	108.64#
138.00	25.60	113.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

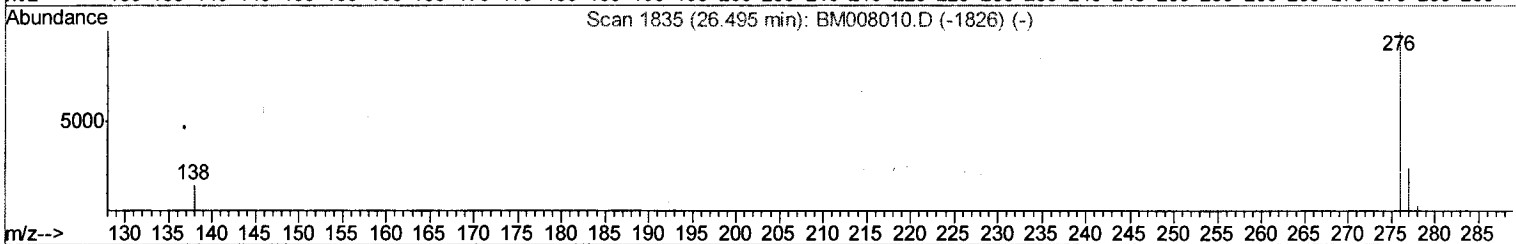
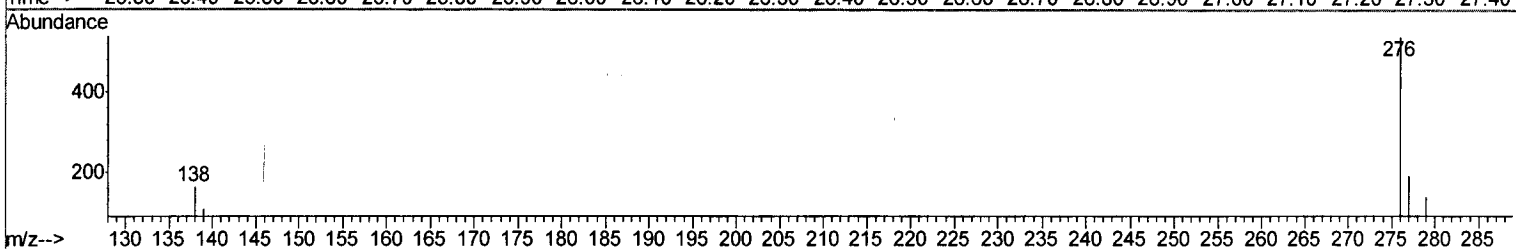
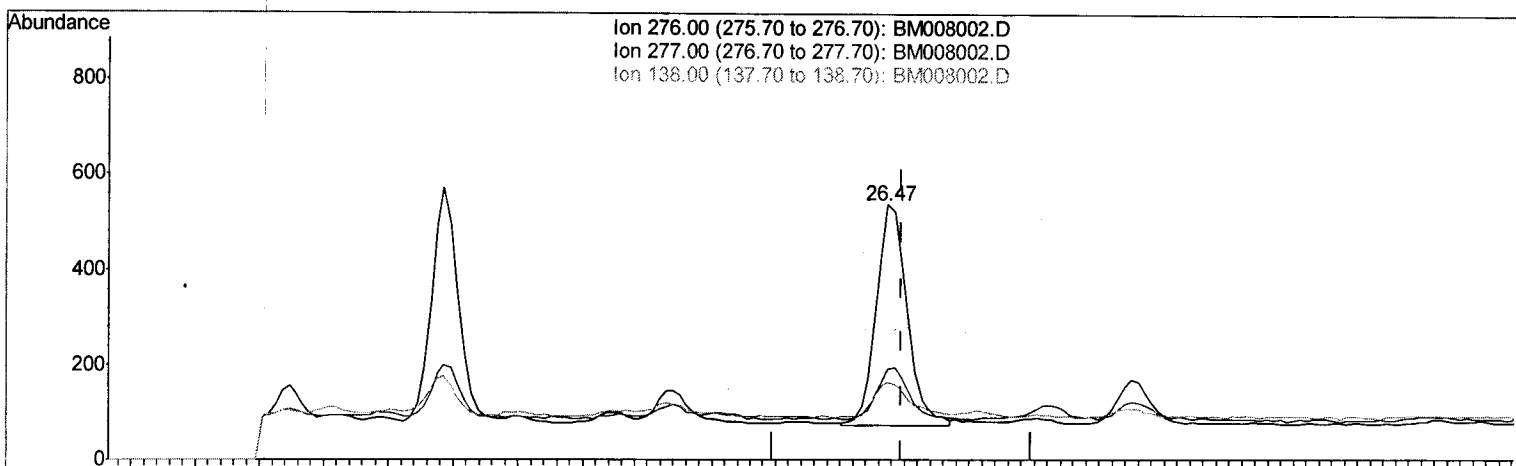
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TIC: BM008002.D

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

26.474min (-0.021) 0.15ng/ul m

response 1548

3.5
 11/25/2016

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	35.69#
138.00	25.60	30.30
0.00	0.00	0.00

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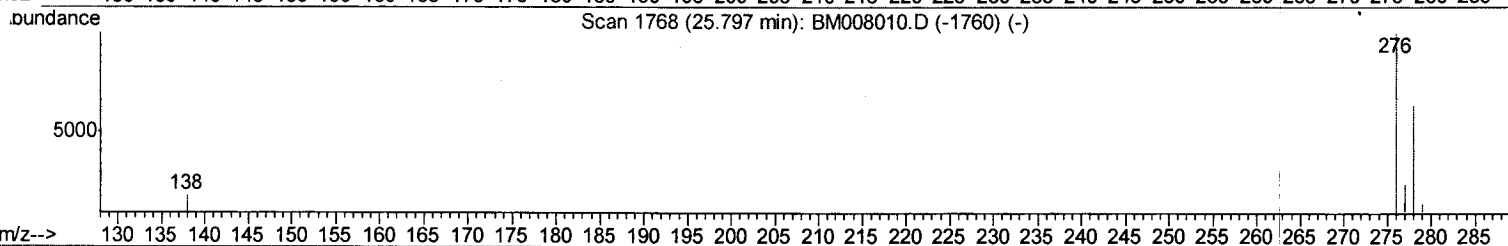
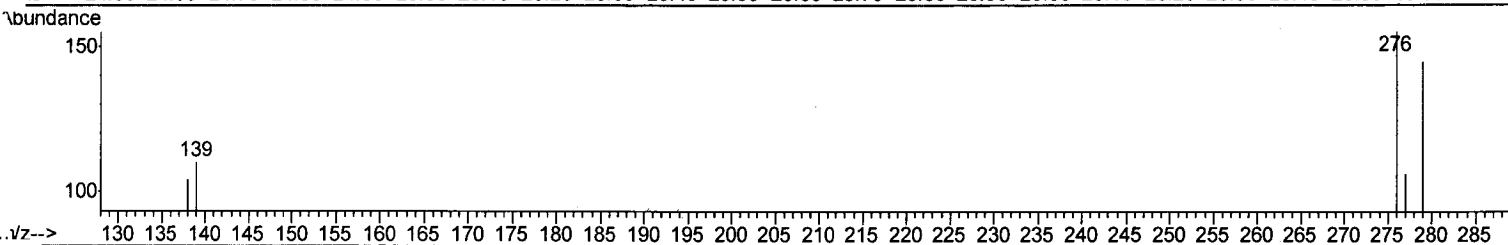
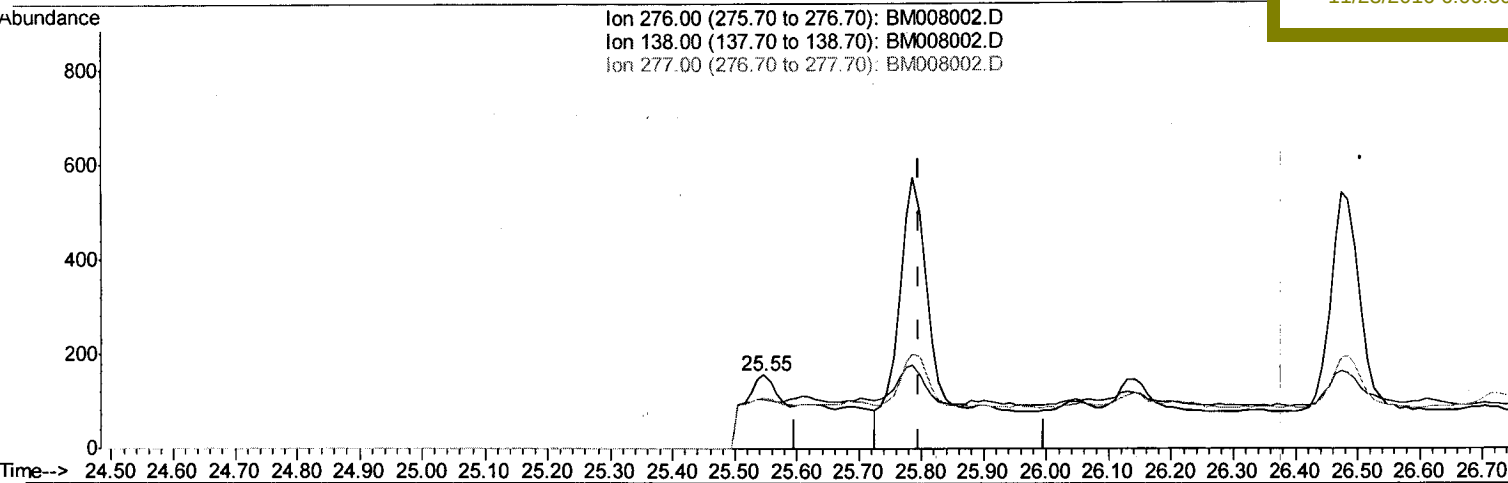
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(24) Indeno(1,2,3-cd)pyrene

25.547min (-0.250) 0.11ng/ul

response 1372

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	101.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

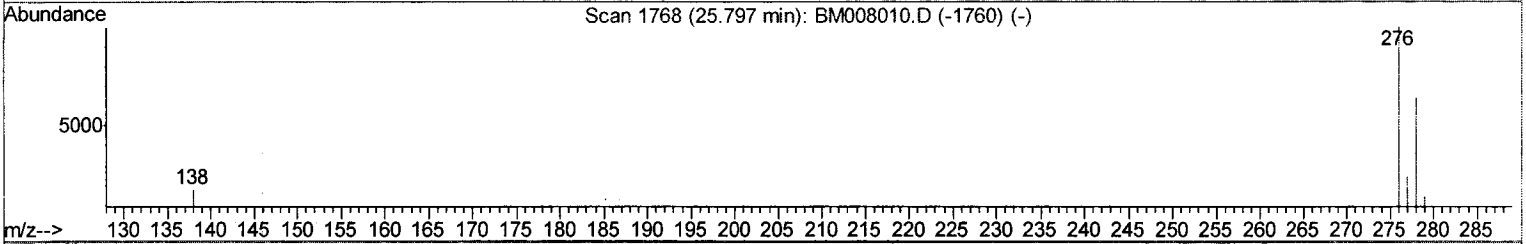
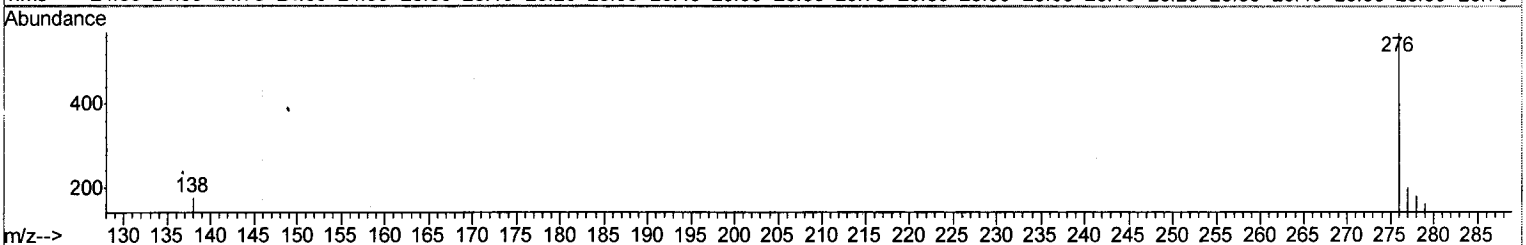
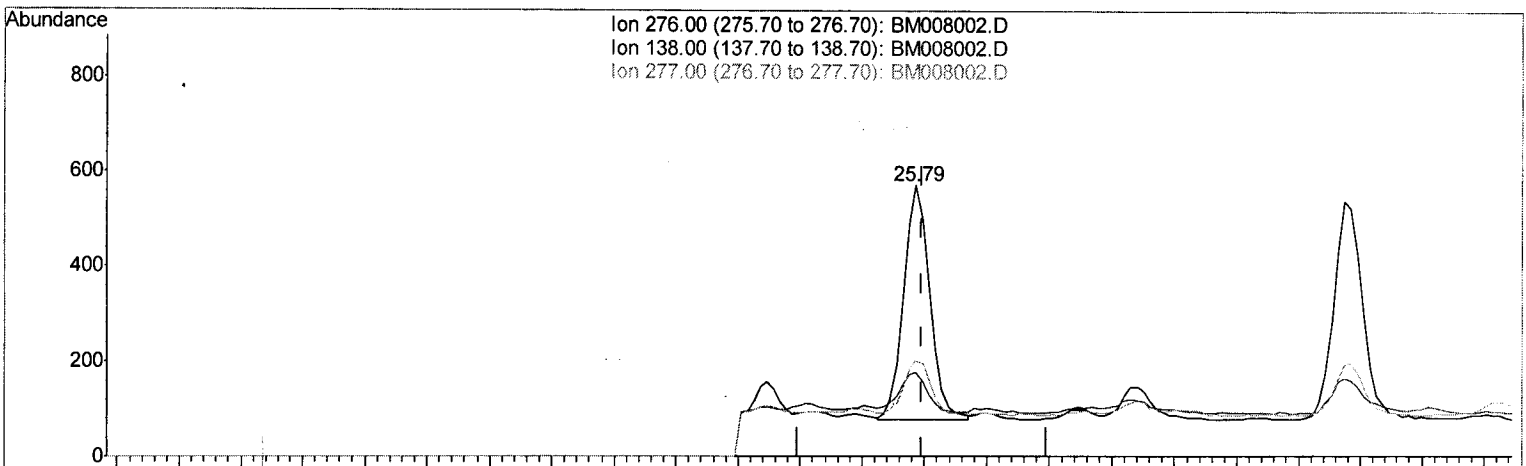
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TIC: BM008002.D

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

25.786min (-0.011) 0.12ng/ul m

response 1420

Ion Exp% Act%

276.00 100 100

138.00 23.90 0.00#

277.00 24.50 97.61#

0.00 0.00 0.00

SD
 11/25/2016

Quantitation Report (Qedit)

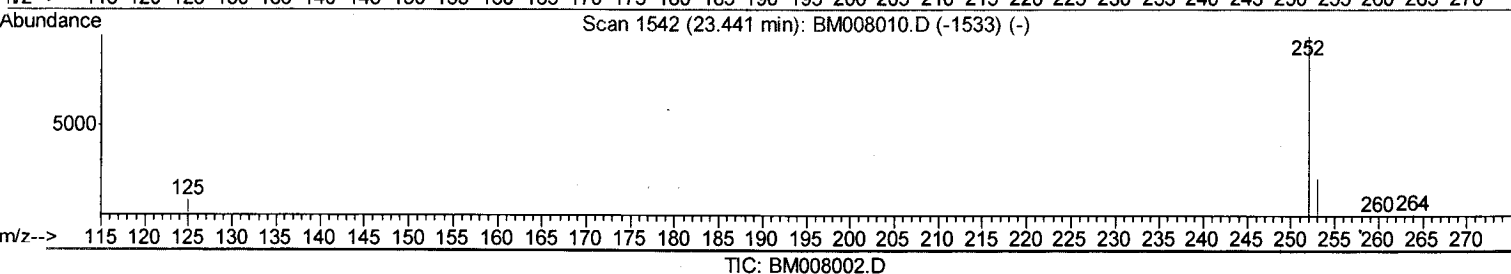
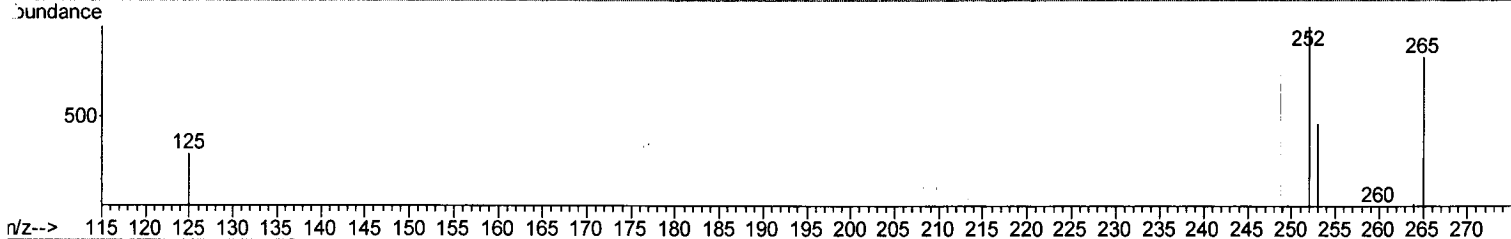
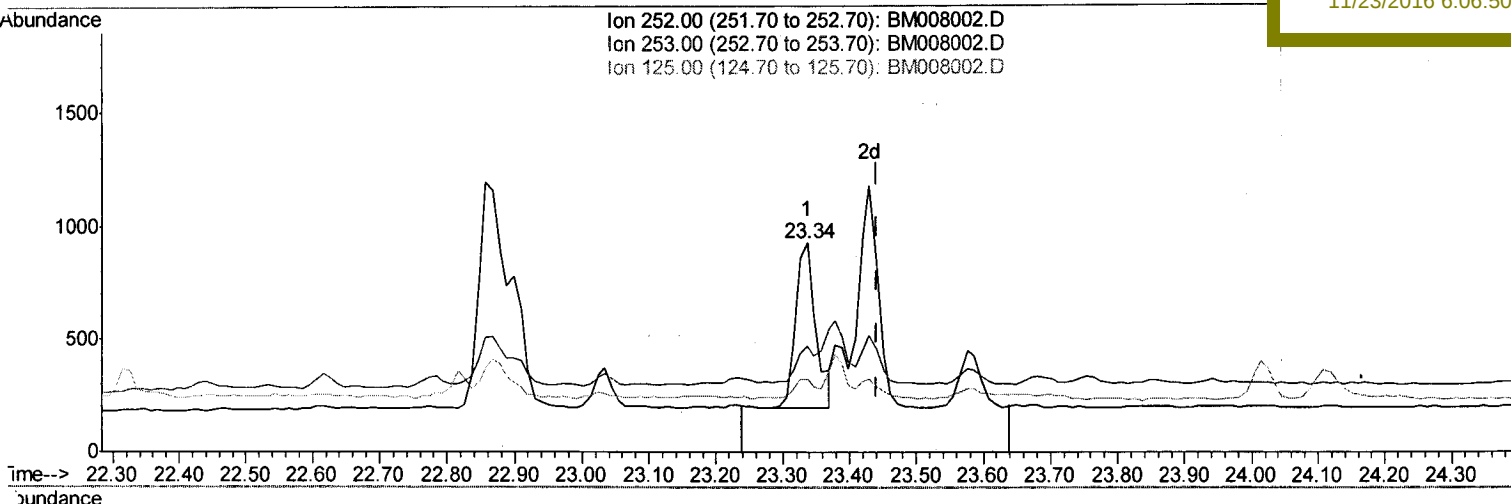
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(23) Benzo(a)pyrene (C)

23.337min (-0.104) 0.16ng/ul

response 1525

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	50.32#
125.00	22.60	34.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

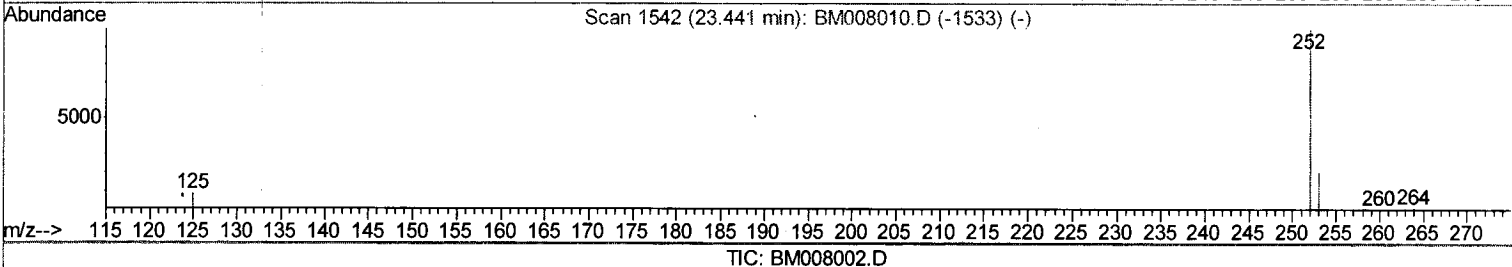
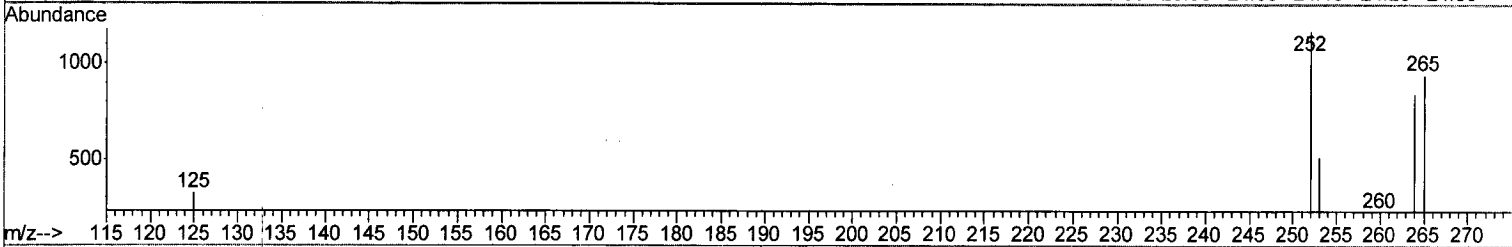
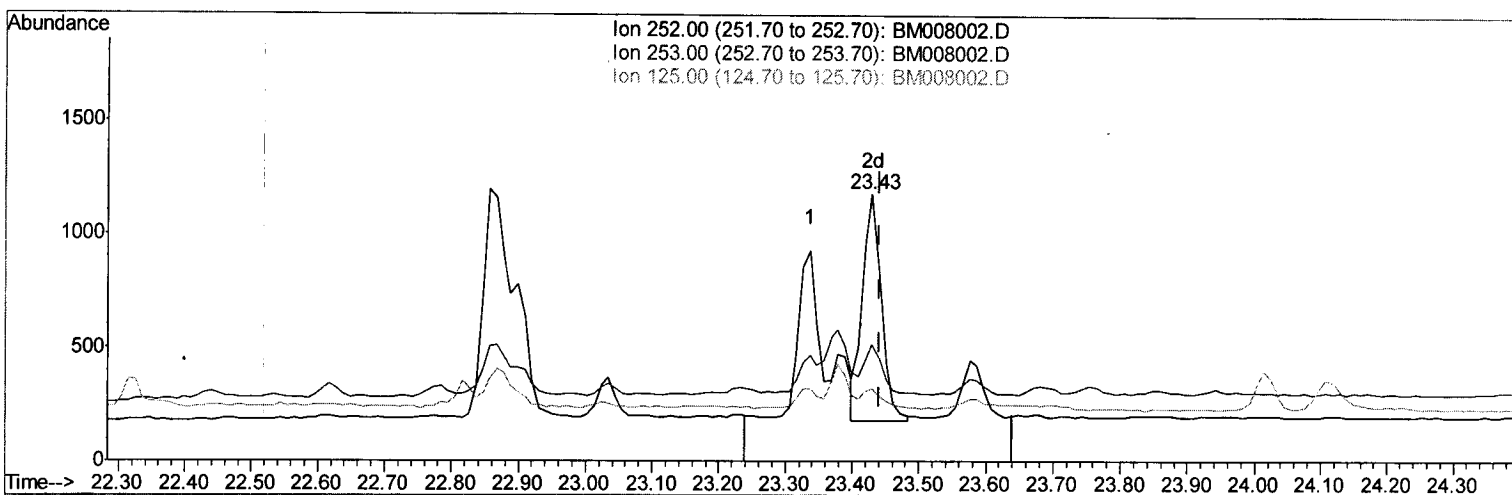
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(23) Benzo(a)pyrene (C)

23.430min (-0.011) 0.20ng/ul m

response 1973

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	43.89#
125.00	22.60	27.42#
0.00	0.00	0.00

5.5
 11/25/2016

Quantitation Report (Qedit)

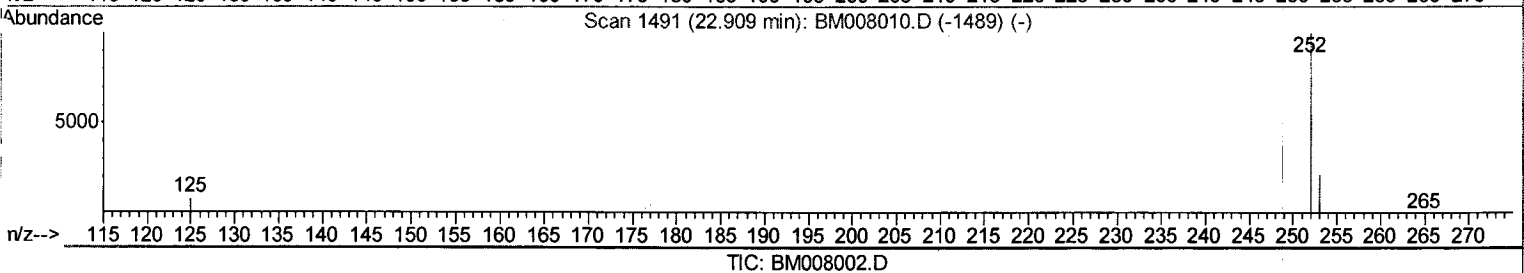
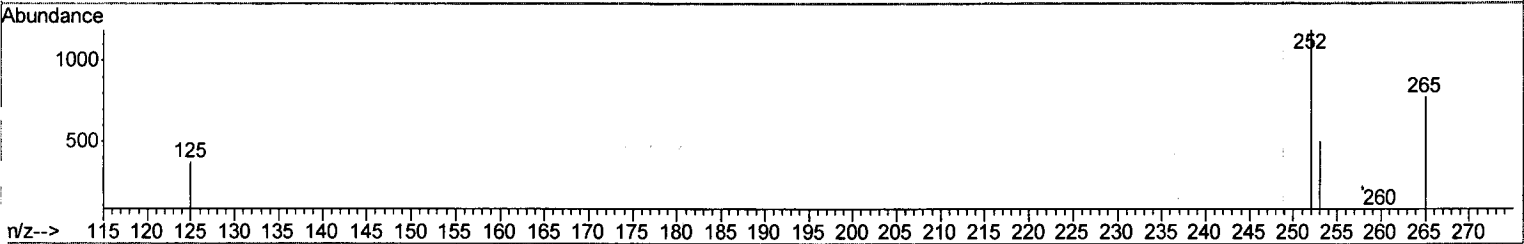
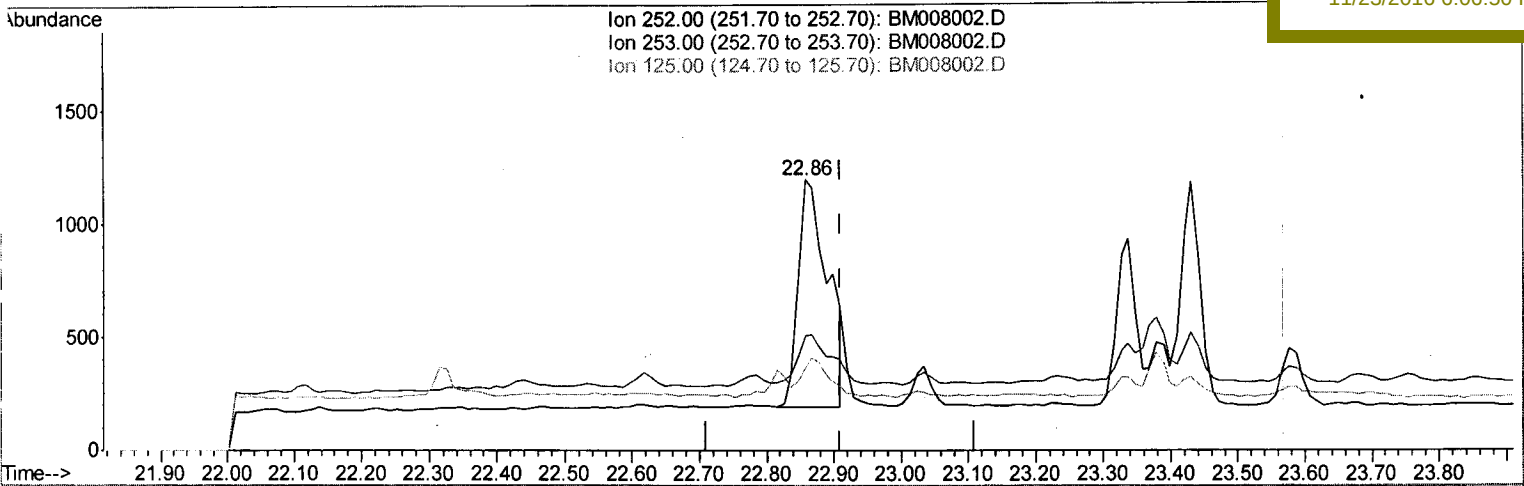
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(22) Benzo(k)fluoranthene
 22.857min (-0.052) 0.29ng/ul
 response 3103

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	42.13#
125.00	17.10	30.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

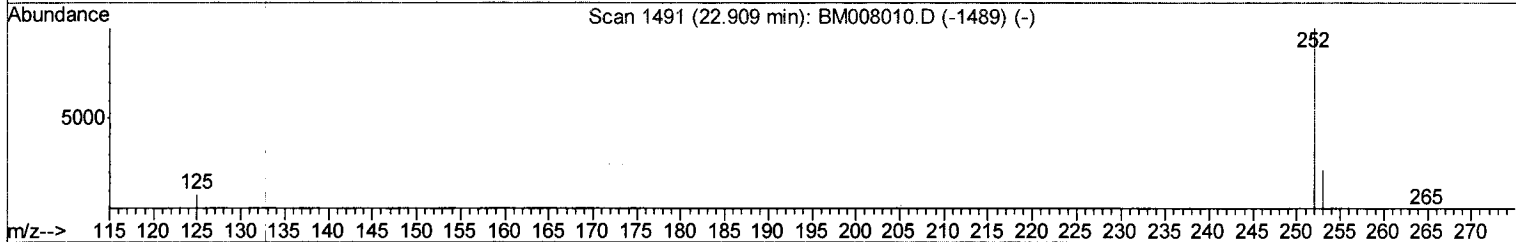
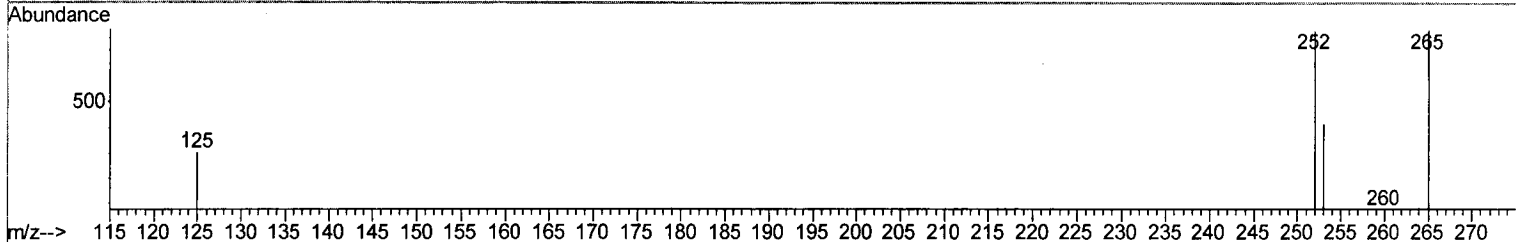
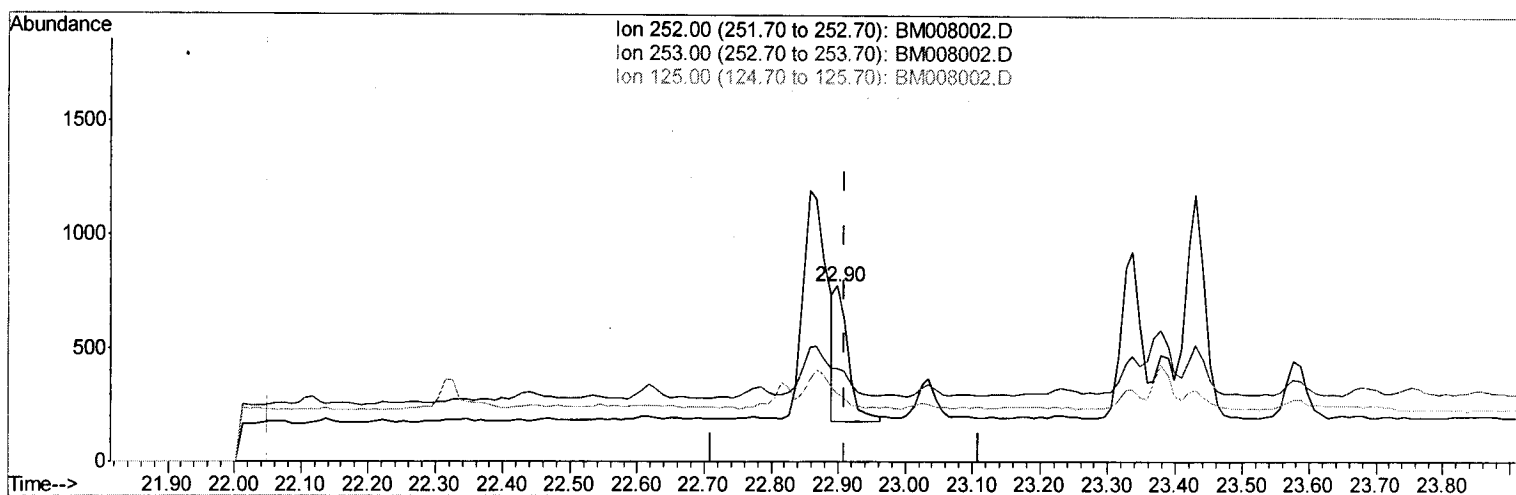
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008002.D
 Acq On : 22 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5695-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST9

Manual Integrations
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TIC: BM008002.D

(22) Benzo(k)fluoranthene

22.899min (-0.011) 0.08ng/ul m

response 844

Ion . Exp% Act%

252.00 100 100

253.00 30.60 53.42#

125.00 17.10 38.97#

0.00 0.00 0.00

SJ
 11/25/2016

Quantitation Report (Qedit)

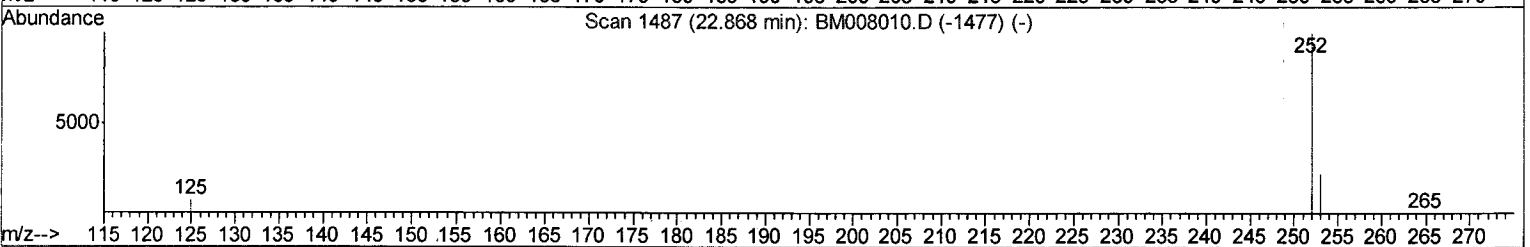
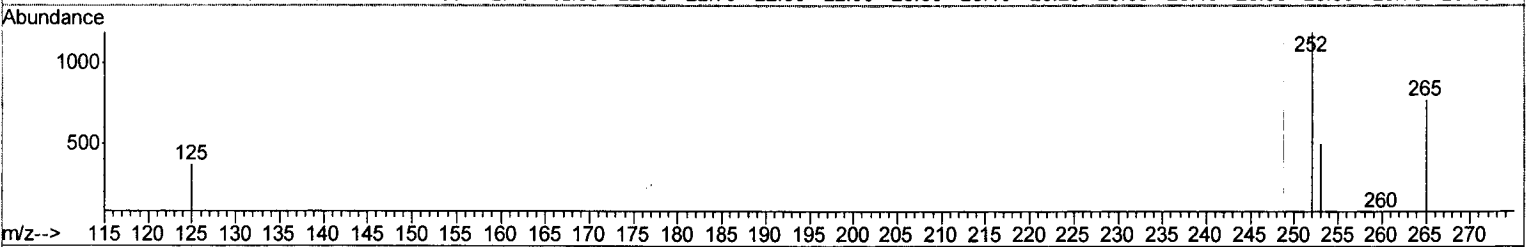
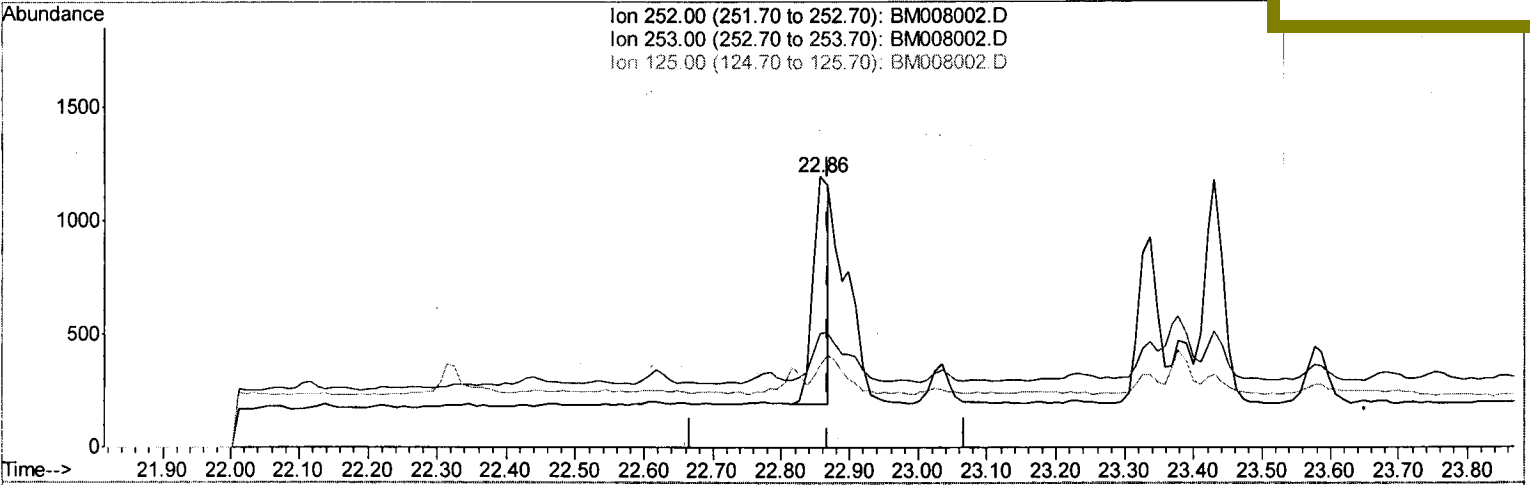
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TIC: BM008002.D

(21) Benzo(b)fluoranthene
 22.857min (-0.011) 0.16ng/ul
 response 1686

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	42.13
125.00	17.50	30.65
0.00	0.00	0.00

Quantitation Report (Qedit)

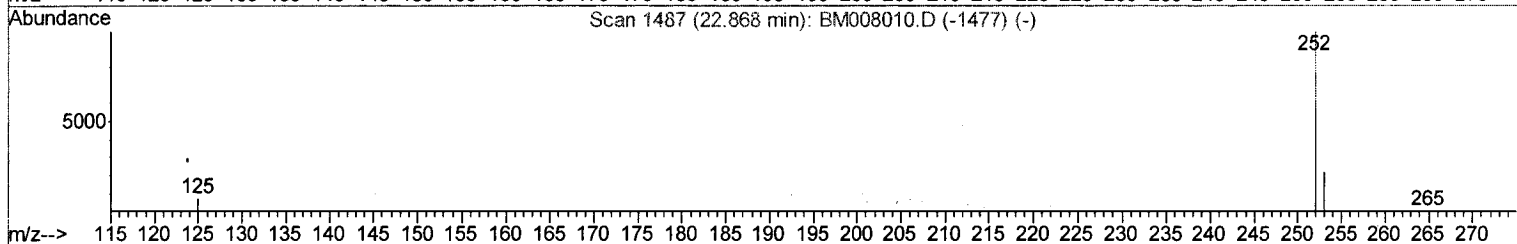
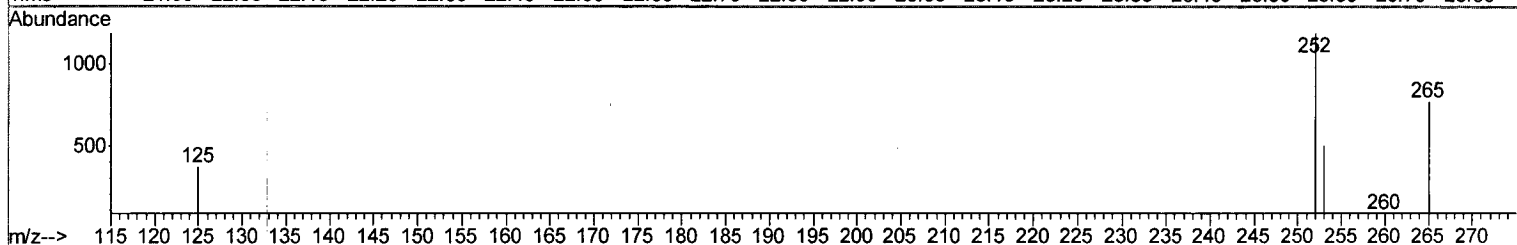
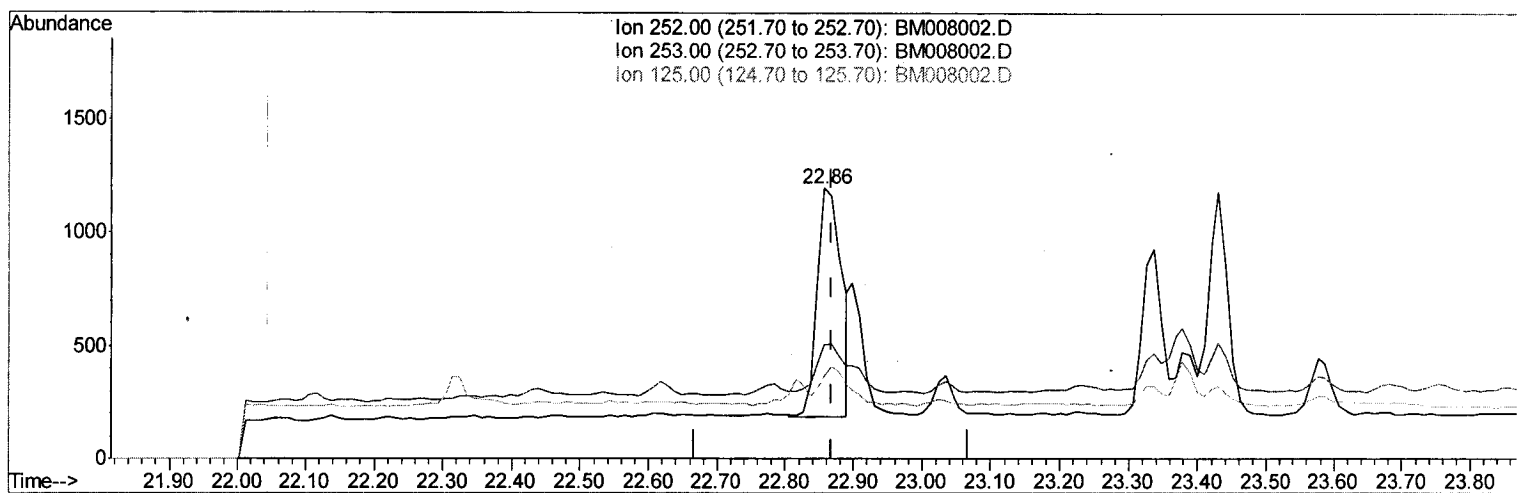
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(21) Benzo(b)fluoranthene

22.857min (-0.011) 0.24ng/ul m

response 2484

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	42.13
125.00	17.50	30.65
0.00	0.00	0.00

5.5
 11/25/2016

Quantitation Report (Qedit)

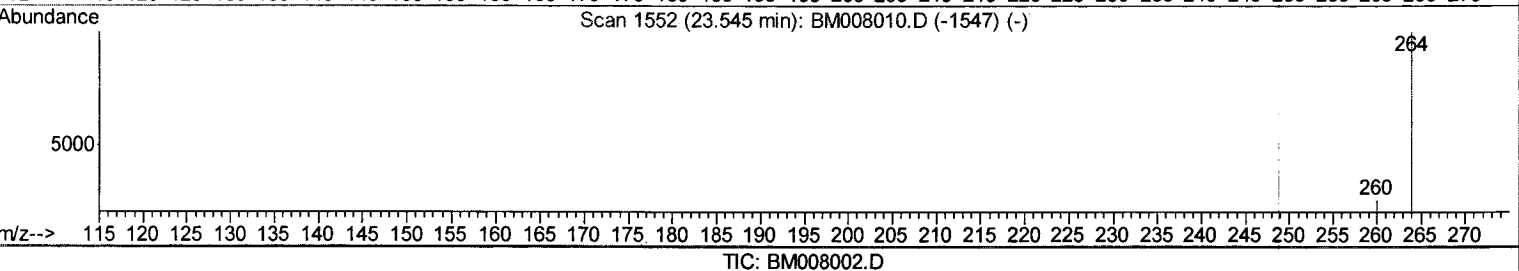
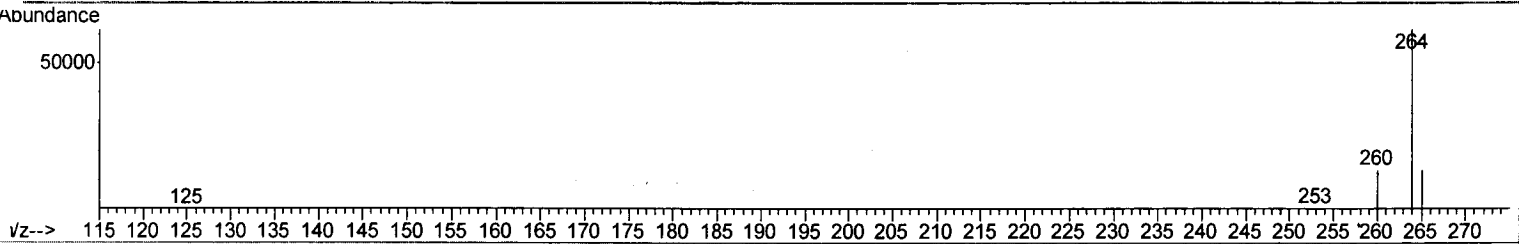
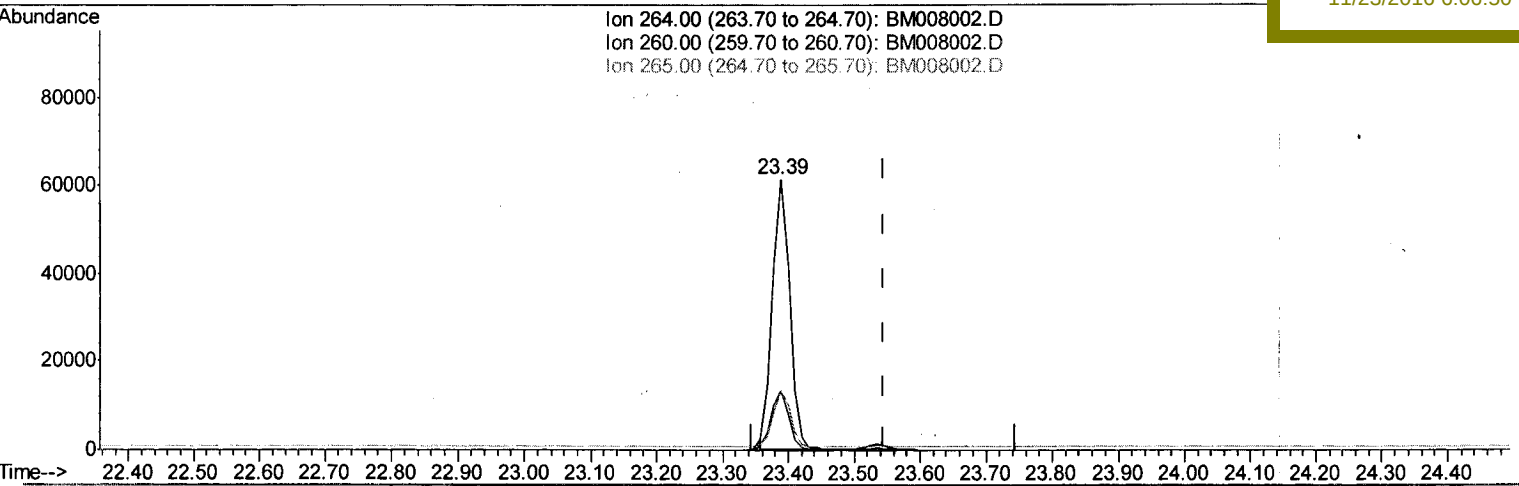
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(20) Perylene-d12 (I)

23.389min (-0.157) 0.40ng/ul

response 110198

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.02#
265.00	103.50	21.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

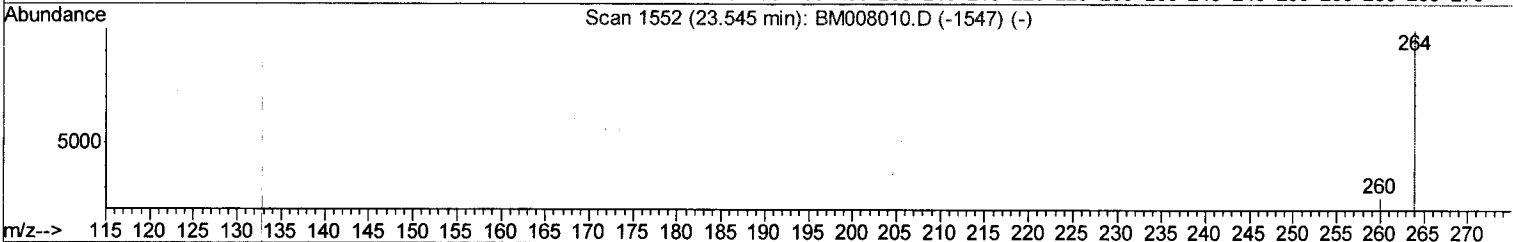
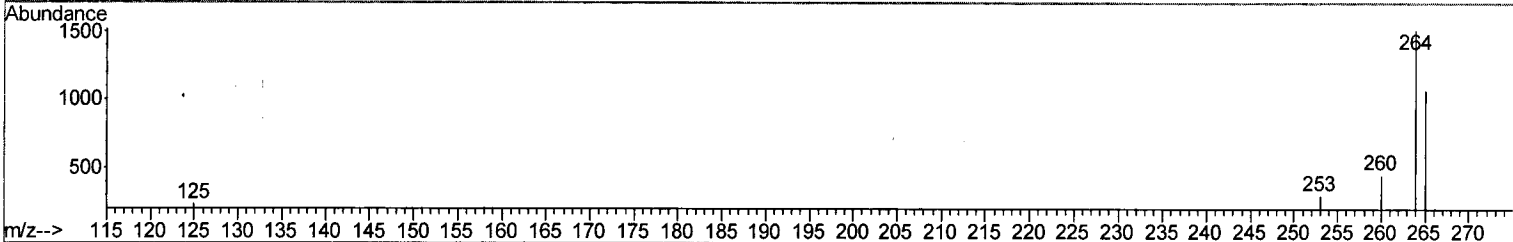
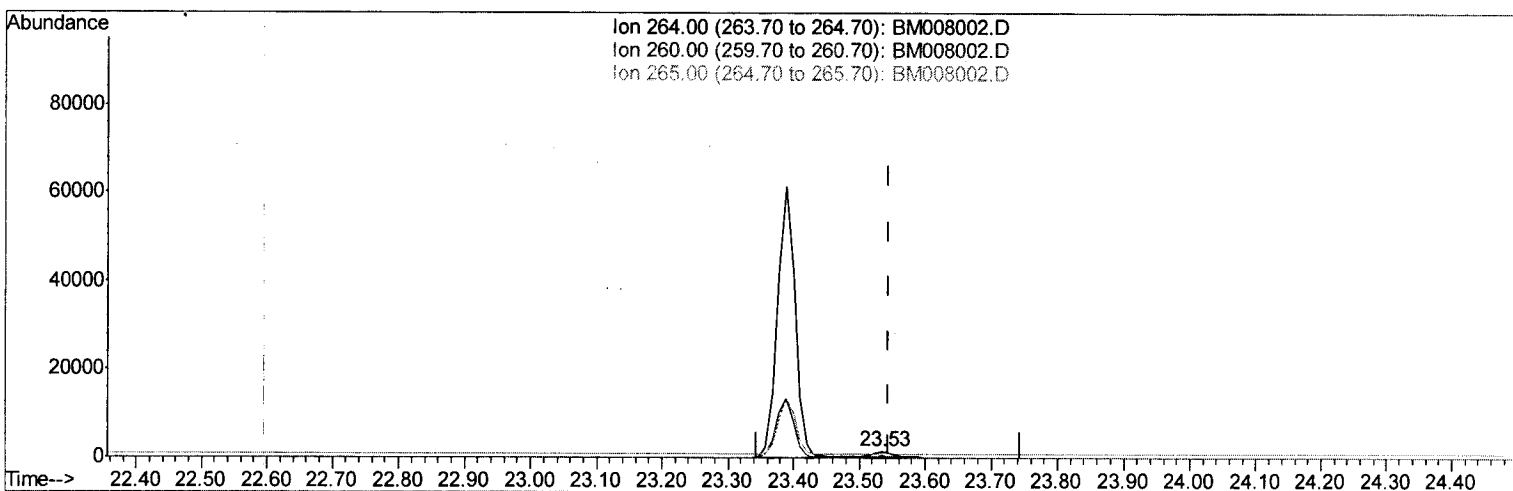
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(20) Perylene-d12 (I)

23.535min (-0.011) 0.40ng/ul m

response 2601

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.19
265.00	103.50	71.06#
0.00	0.00	0.00

S.S.
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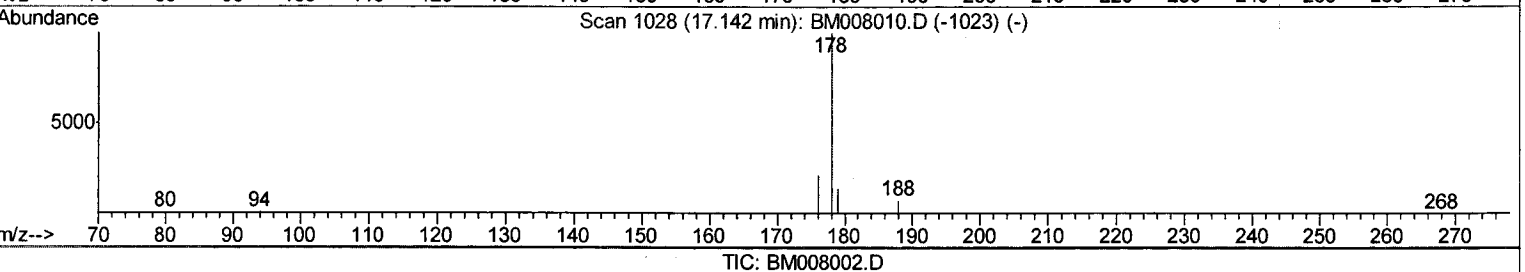
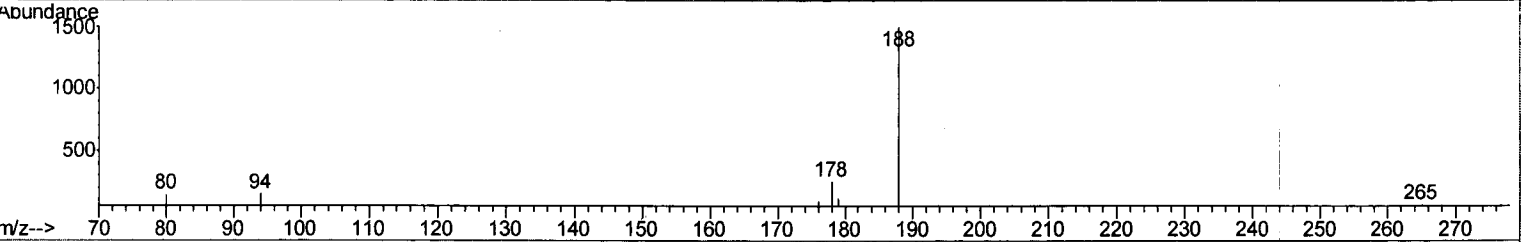
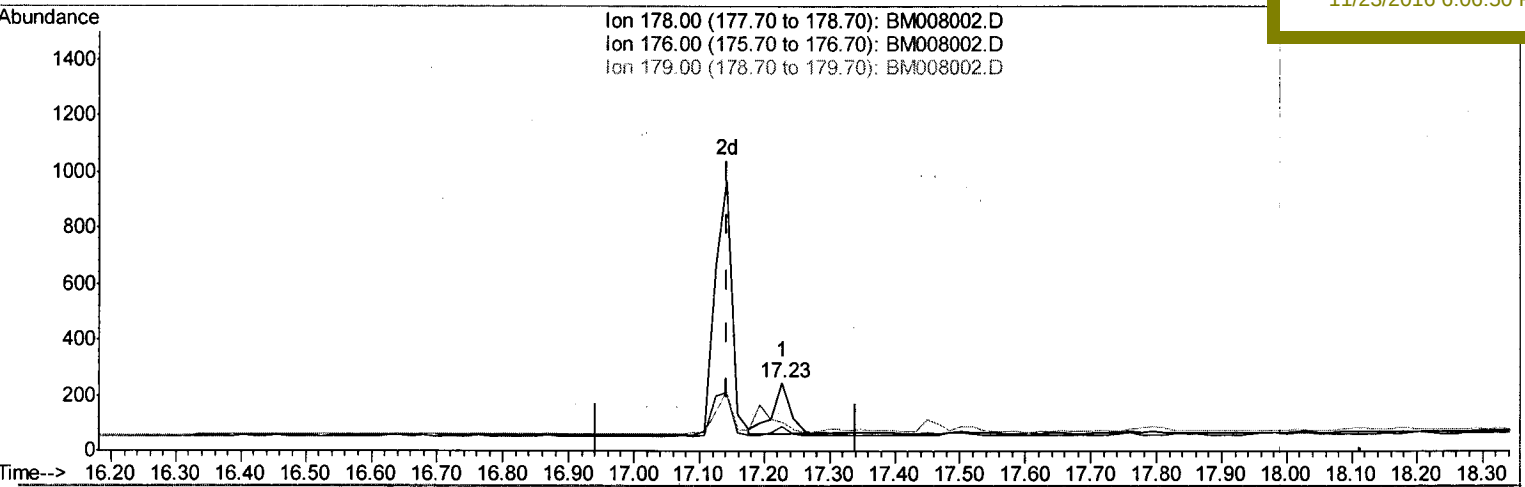
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(12) Phenanthrene

17.228min (+0.086) 0.04ng/ul

response 375

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	35.48#
179.00	17.00	41.94#
0.00	0.00	0.00

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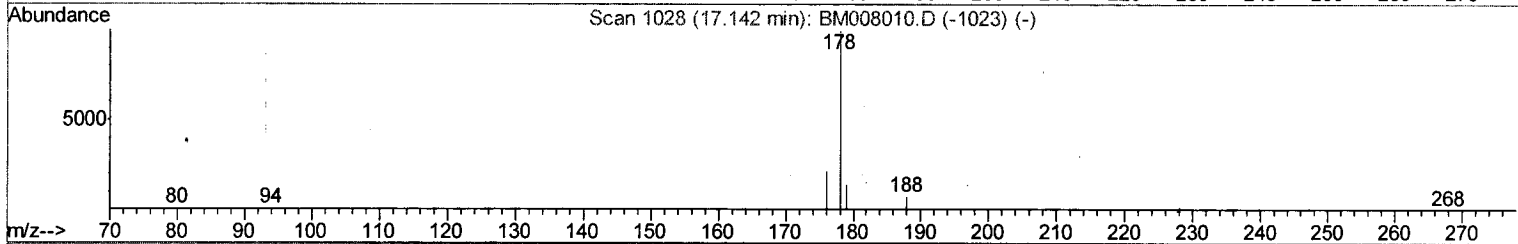
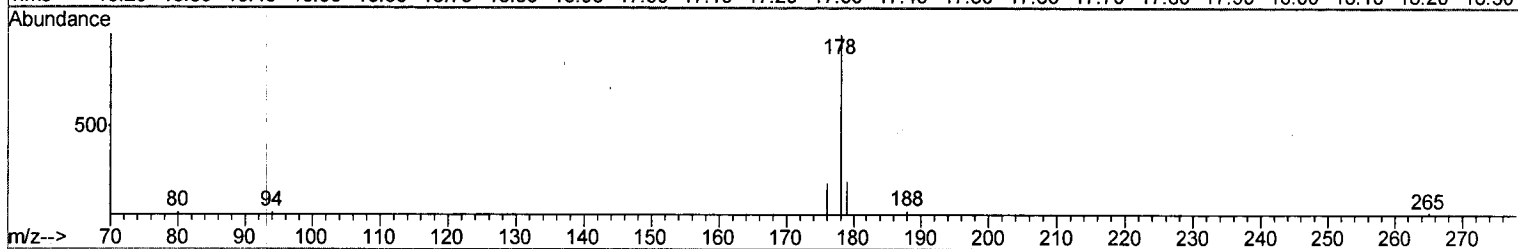
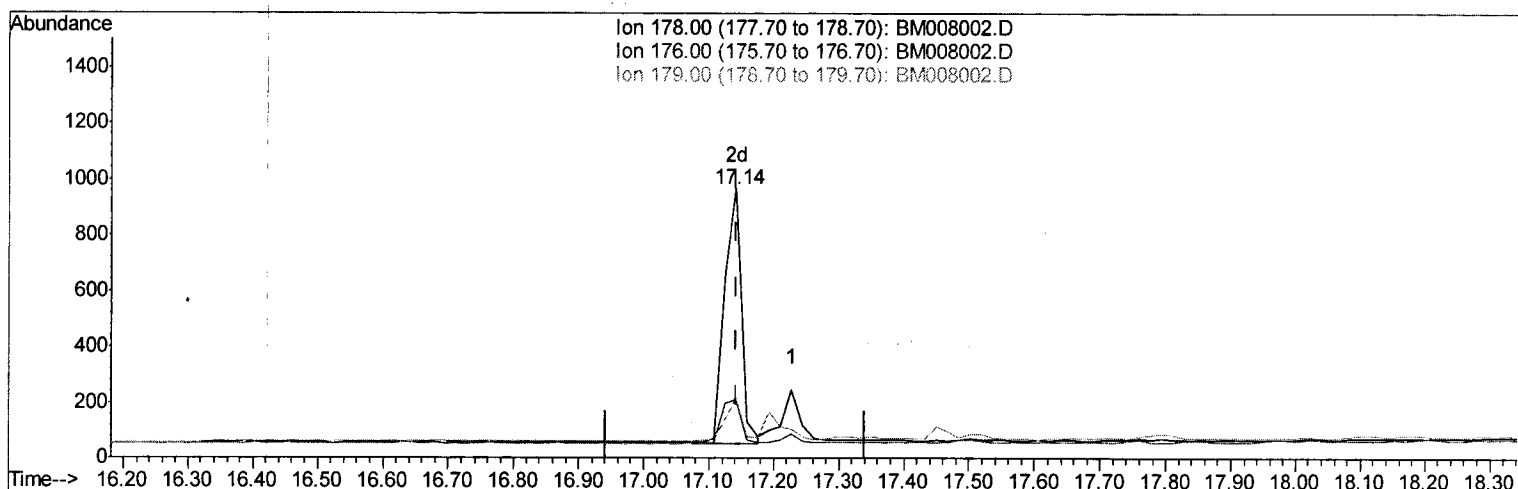
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008002.D
 Acq On : 22 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5695-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST9

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:06:50 PM

Quant Time: Nov 23 09:59:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:26:48 2016
 Response via : Initial Calibration



TIC: BM008002.D

(12) Phenanthrene

17.142min (-0.000) 0.17ng/ul m

SJ

response 1693

11/25/2016

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	21.61
179.00	17.00	22.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

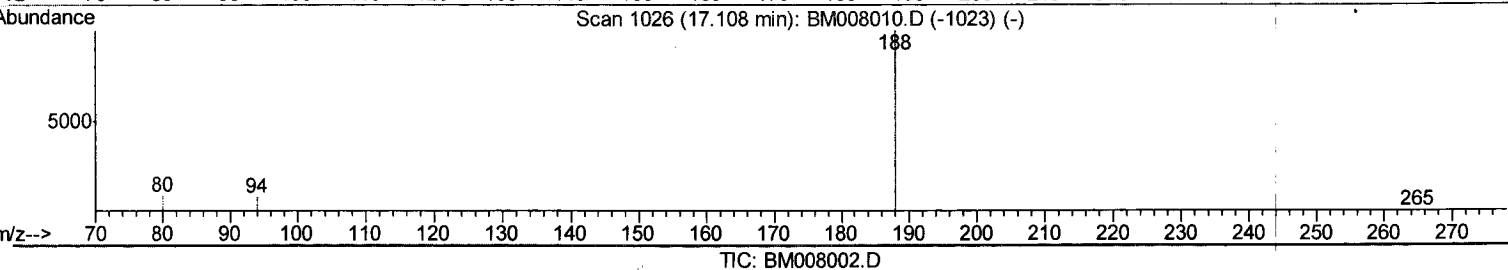
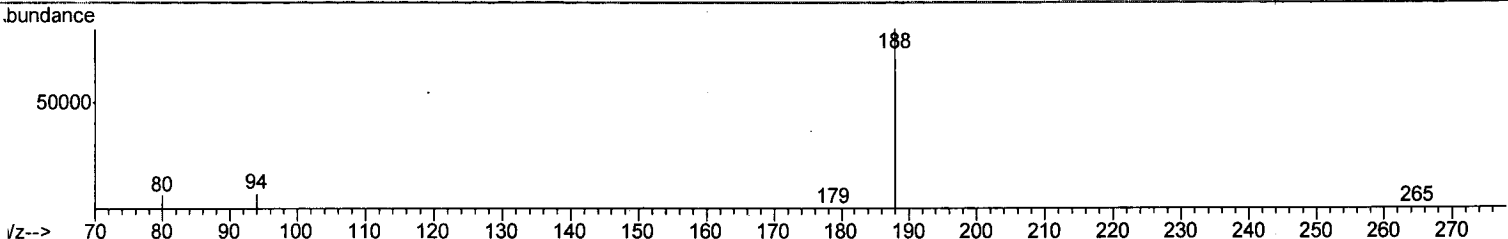
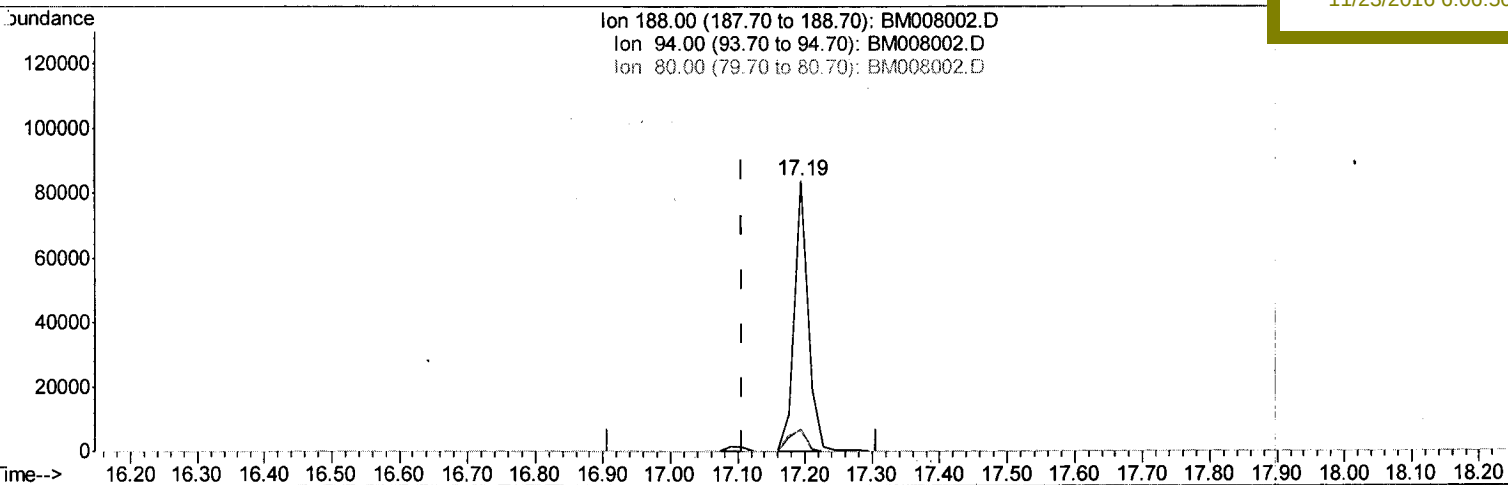
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008002.D
 Acq On : 22 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5695-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST9

Quant Time: Nov 23 09:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:26:48 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:06:50 PM



(10) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 119725

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.34#
80.00	11.80	7.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

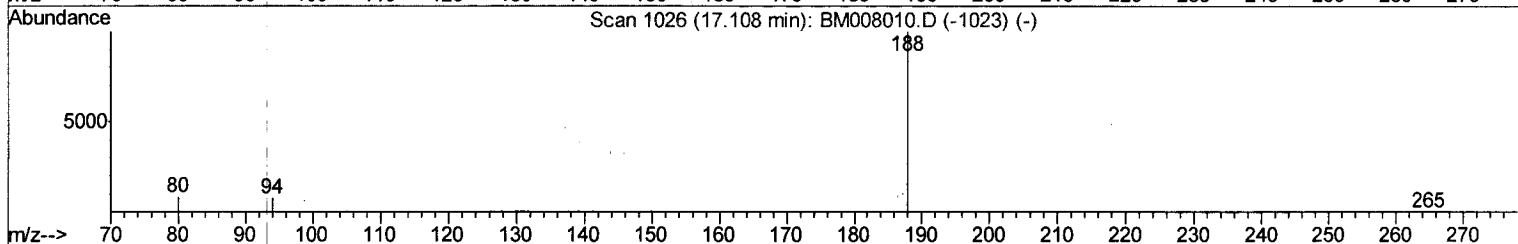
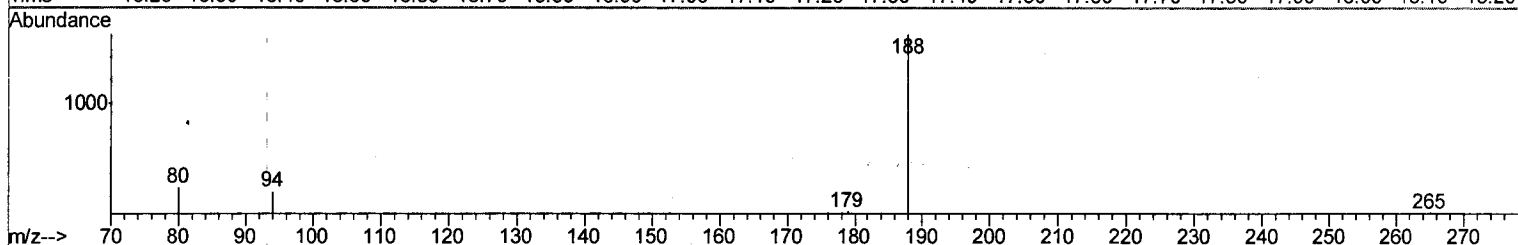
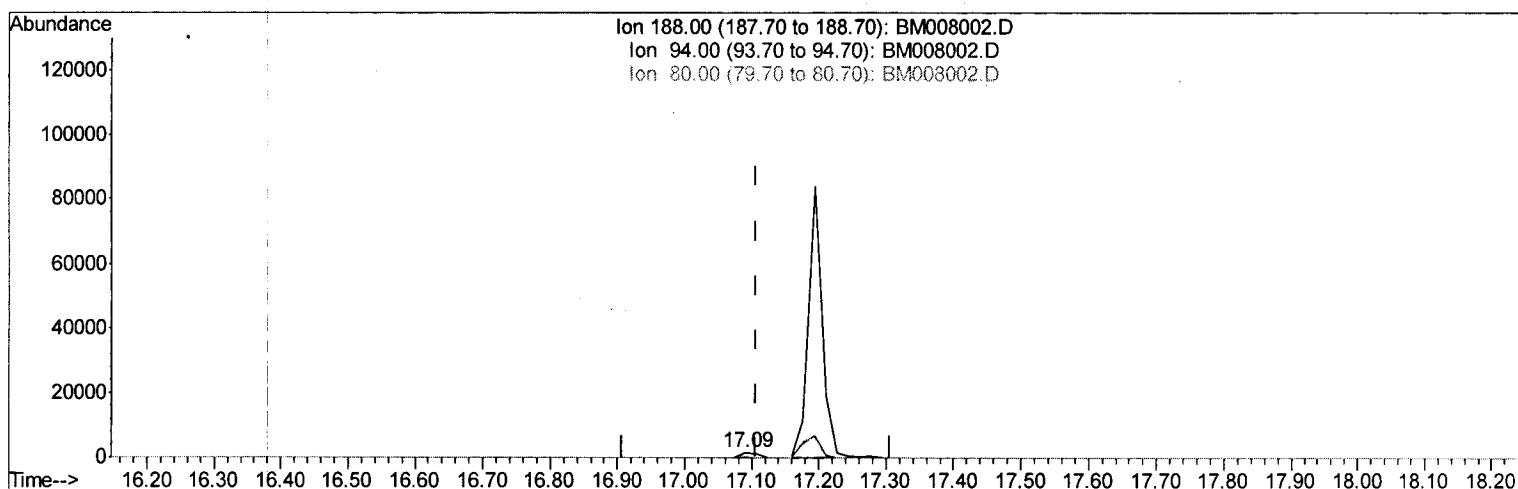
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008002.D
 Acq On : 22 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5695-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST9

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:06:50 PM

Quant Time: Nov 23 09:57:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:26:48 2016
 Response via : Initial Calibration



TIC: BM008002.D

(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 3203

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.97#
80.00	11.80	17.42#
0.00	0.00	0.00

S.S.
 11/25/2016

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008002.D
 Acq On : 22 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5695-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST9

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:06:50 PM

Quant Time: Nov 23 10:02:09 2016

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 23 01:26:48 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	736	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	2578	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1568	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3203m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3021	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2601m	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.10	152	631	0.17	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	1570	0.17	ng/ul	-0.01

Target Compounds

						Qvalue
3) Naphthalene	10.55	128	506	0.07	ng/ul#	73
5) 2-Methylnaphthalene	12.17	142	435	0.09	ng/ul	97
12) Phenanthrene	17.14	178	1693m	0.17	ng/ul	
13) Anthracene	17.23	178	354	0.04	ng/ul#	62
15) Fluoranthene	19.17	202	3349	0.26	ng/ul	93
17) Pyrene	19.52	202	3994	0.38	ng/ul	95
18) Benzo(a)anthracene	21.27	228	1767	0.19	ng/ul#	86
19) Chrysene	21.32	228	1836	0.16	ng/ul#	89
21) Benzo(b)fluoranthene	22.86	252	2484m	0.24	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	844m	0.08	ng/ul	
23) Benzo(a)pyrene	23.43	252	1973m	0.20	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	1420m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	1548m	0.15	ng/ul	

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