

Quantitation Report (QT Reviewed)

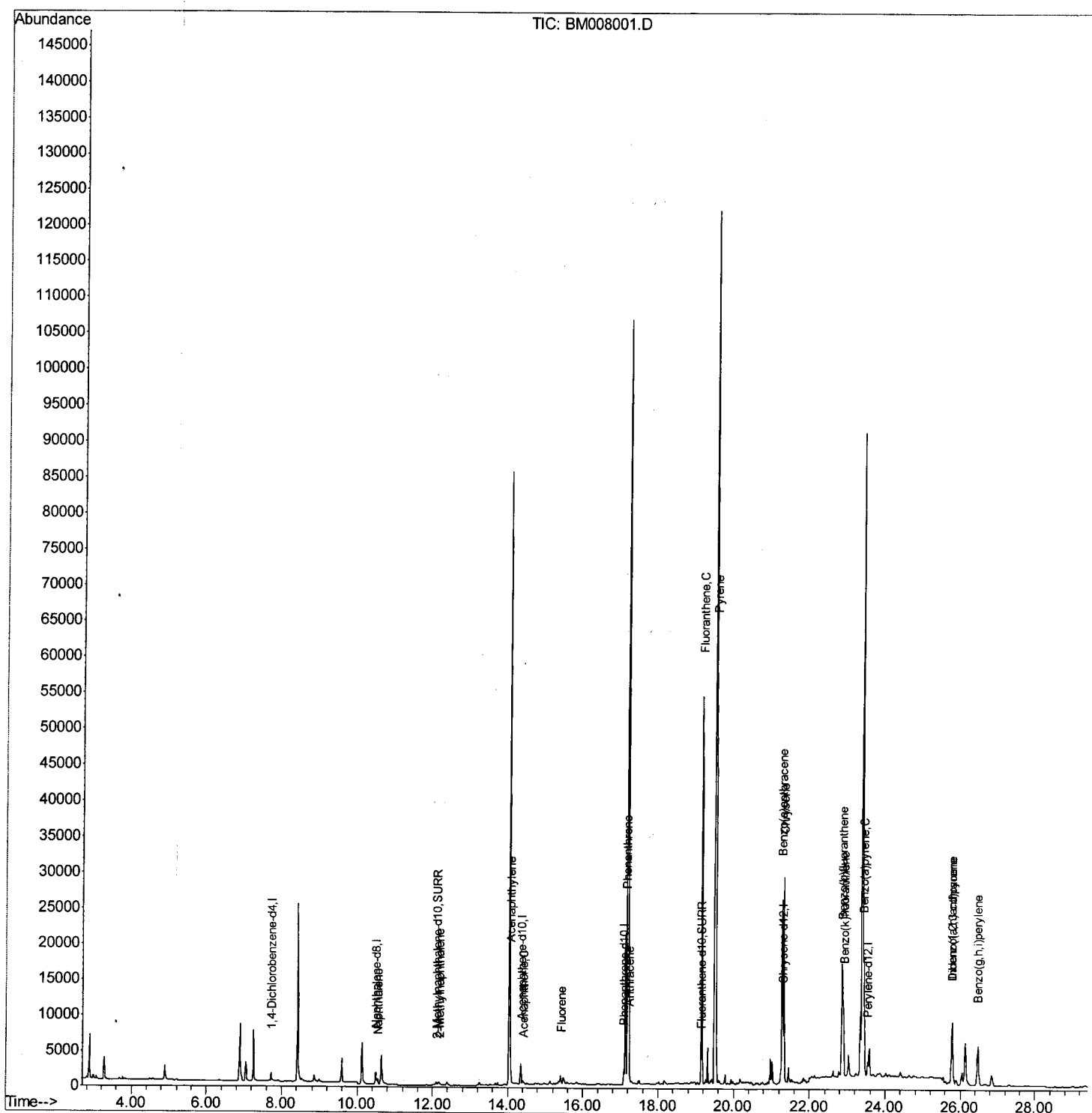
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM008001.D
 Acq On : 22 Nov 2016 19:11
 Operator : UM/SJ
 Sample : H5695-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST6

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:06:52 PM

Quant Time: Nov 23 01:02:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 16:05:09 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

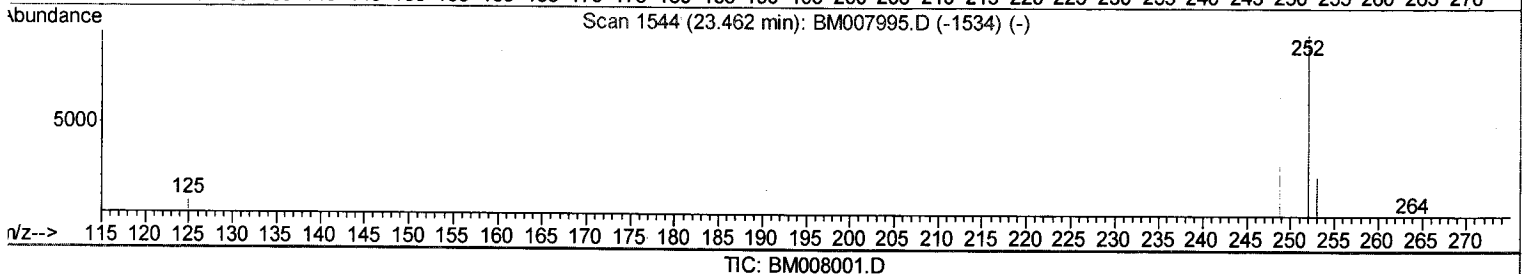
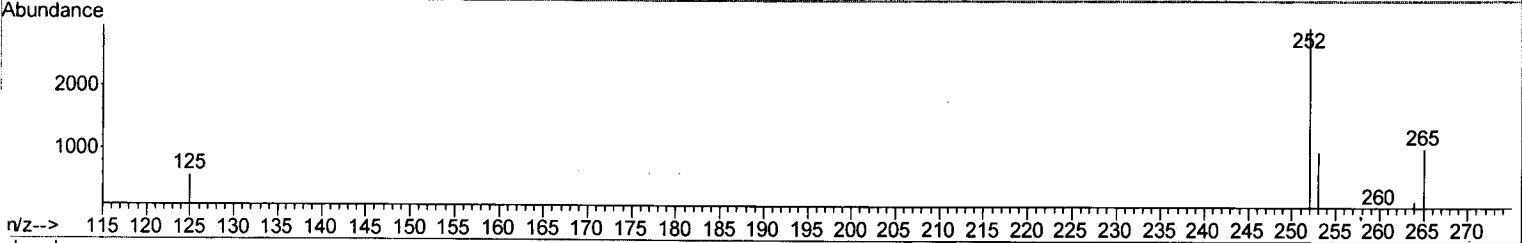
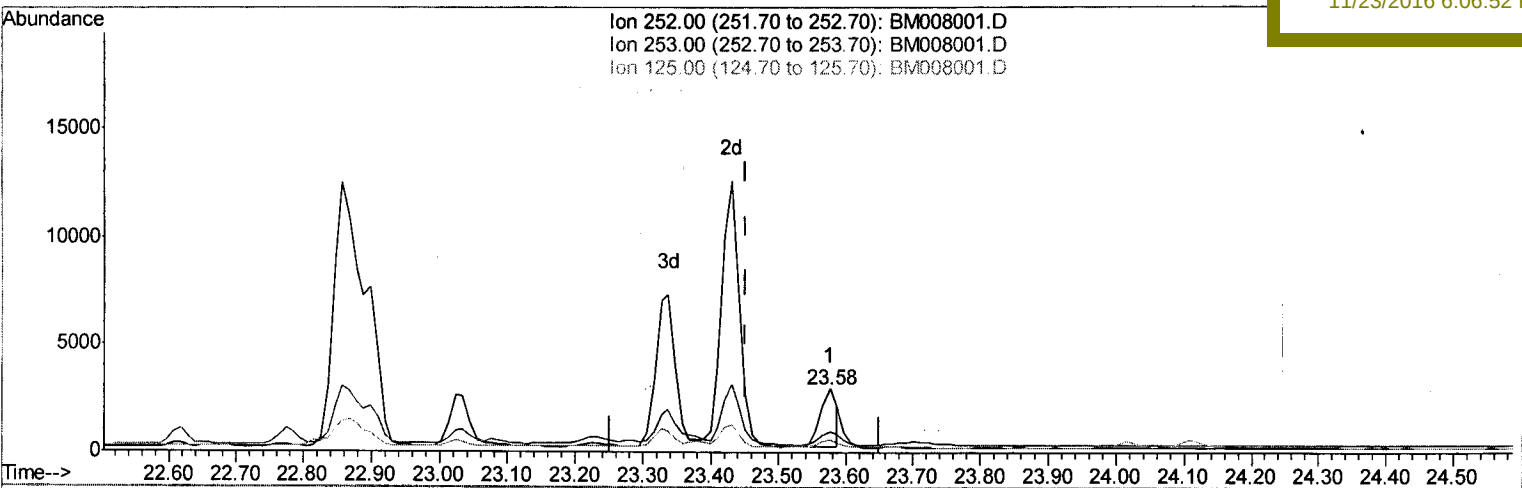
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
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Acq On : 22 Nov 2016 19:11
Operator : UM/SJ
Sample : H5695-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Nov 23 01:00:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 16:05:09 2016
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(23) Benzo(a)pyrene (C)

23.576min (+0.125) 0.37ng/ul

response 4601

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	33.39
125.00	22.60	19.62
0.00	0.00	0.00

Quantitation Report (Qedit)

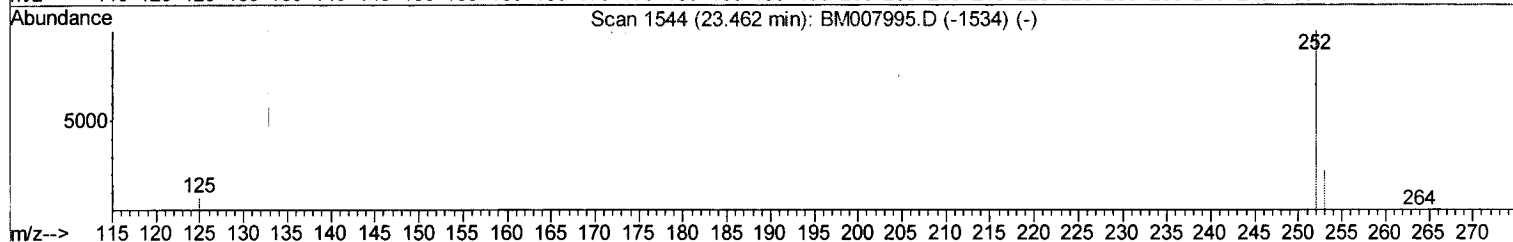
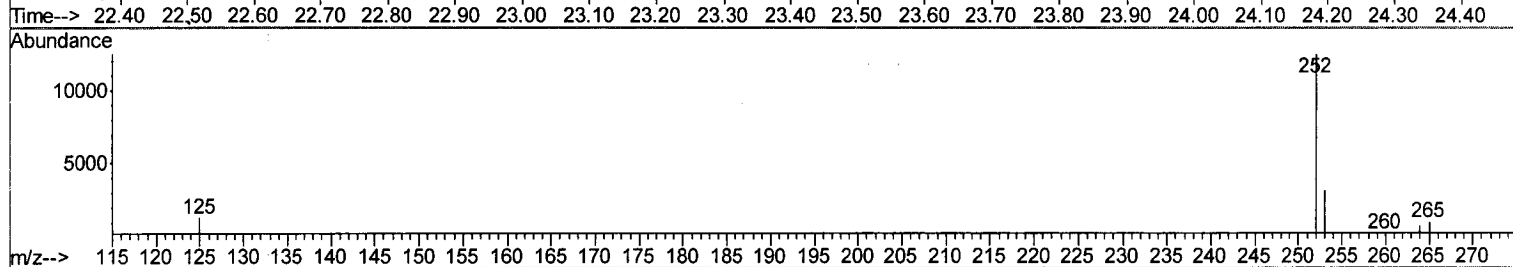
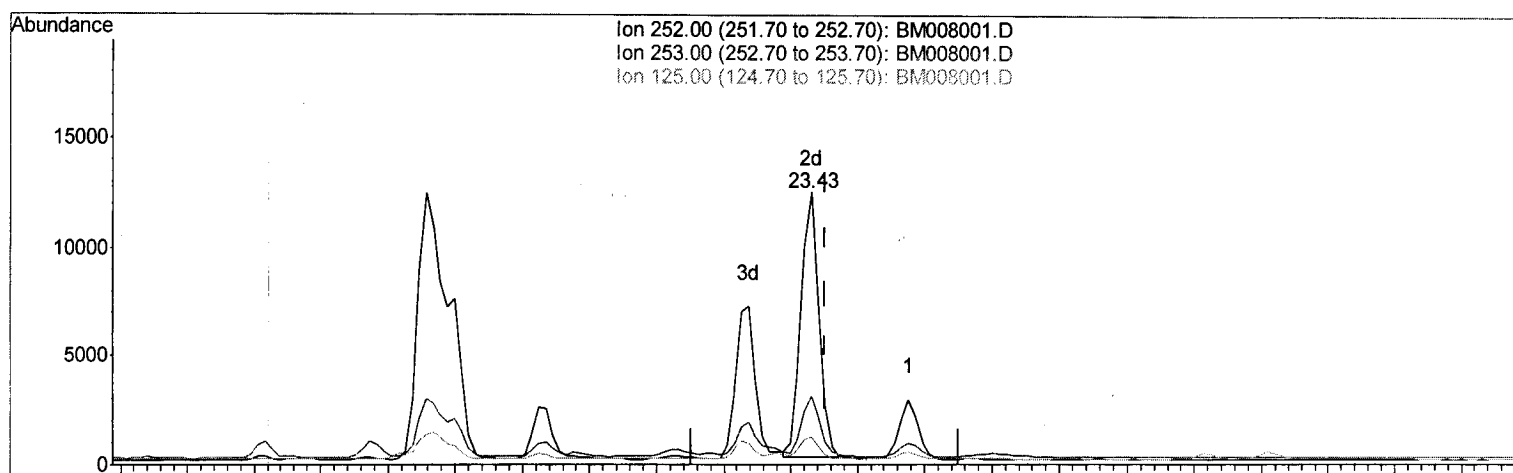
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TIC: BM008001.D

(23) Benzo(a)pyrene (C)

23.430min (-0.021) 1.87ng/ul m

response 22927

Ion Exp% Act%

252.00 100 100

253.00 35.60 25.03#

125.00 22.60 10.17#

0.00 0.00 0.00

S.J.
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Quantitation Report (Qedit)

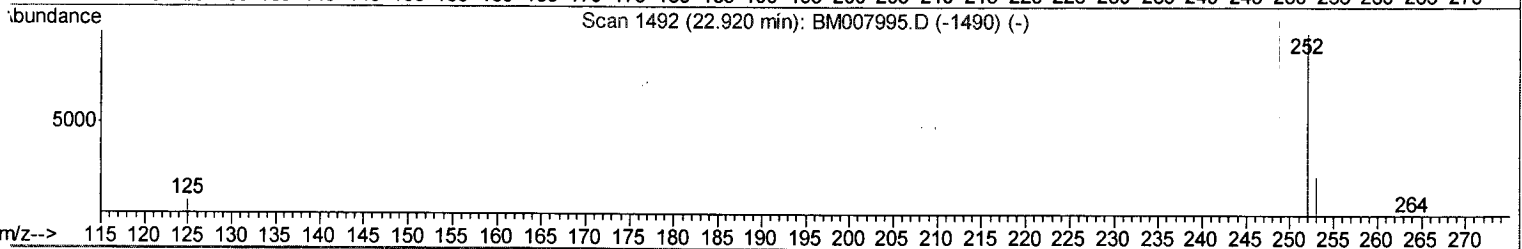
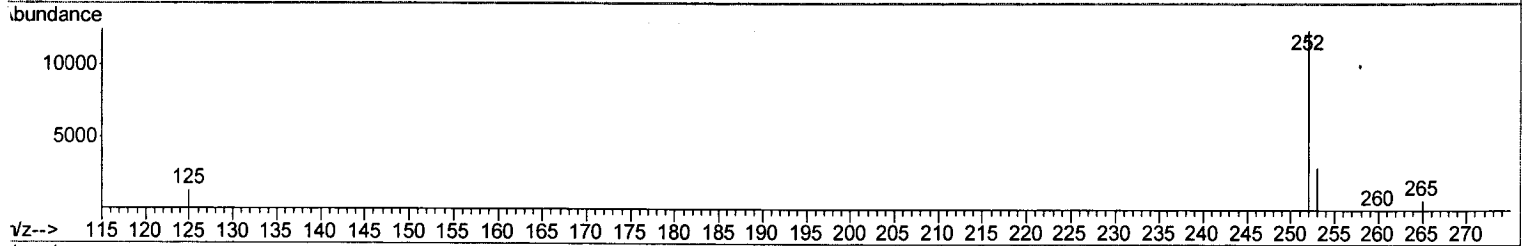
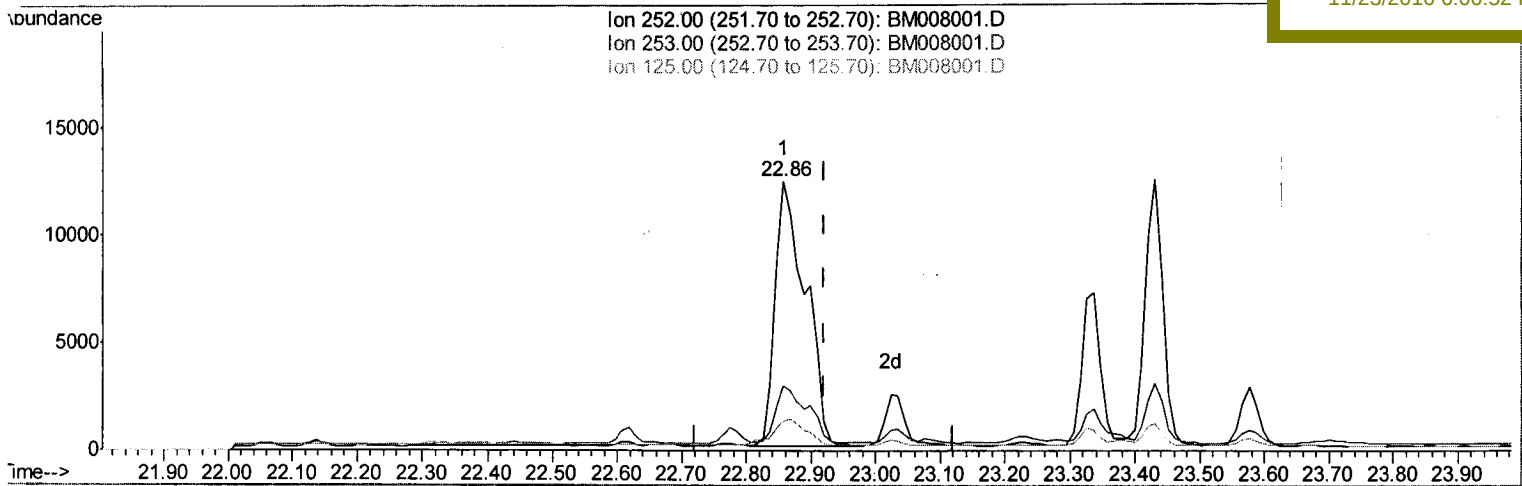
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TIC: BM008001.D

(22) Benzo(k)fluoranthene

22.857min (-0.063) 2.93ng/ul

response 39542

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.31#
125.00	17.10	11.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

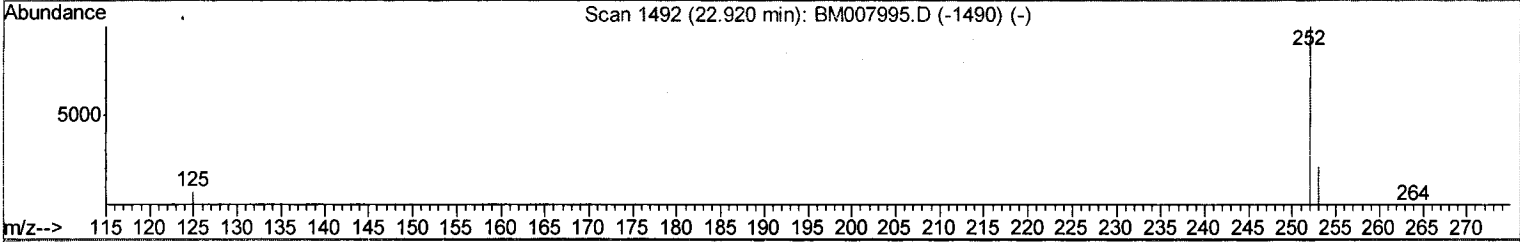
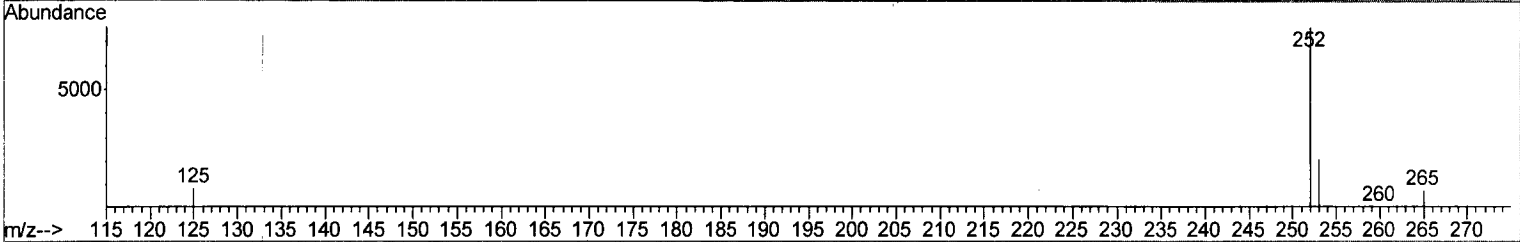
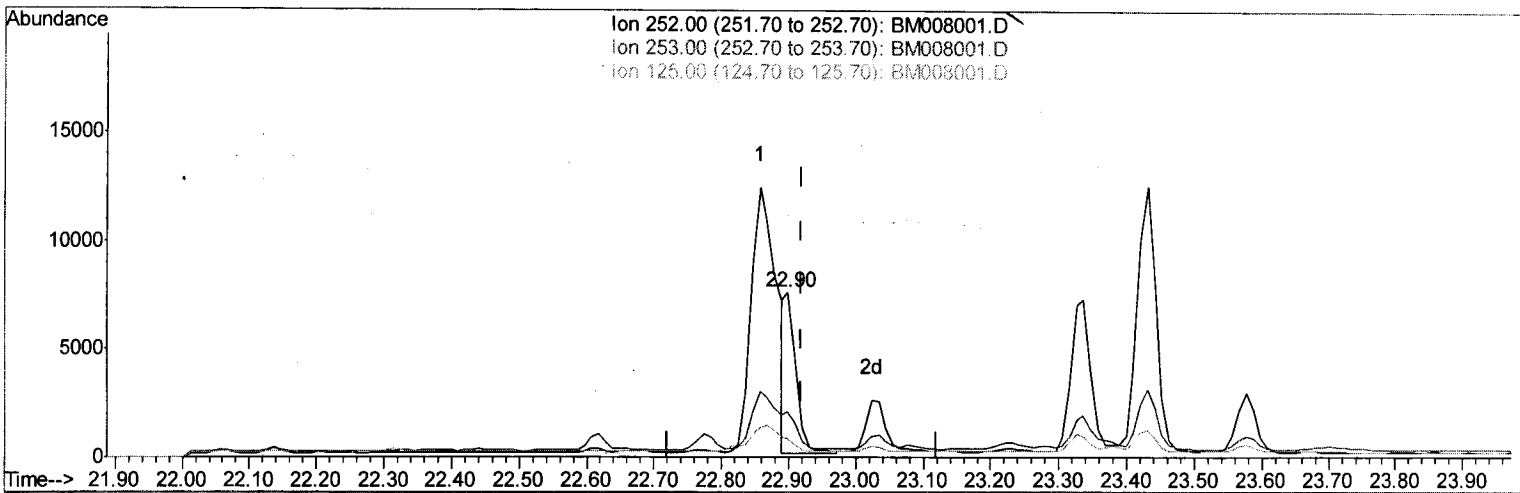
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TIC: BM008001.D

(22) Benzo(k)fluoranthene

22.899min (-0.021) 0.64ng/ul m

response 8691

Ion Exp% Act%

252.00 100 100

253.00 30.60 27.31

125.00 17.10 11.55#

0.00 0.00 0.00

3.5.
 11/25/2016

Quantitation Report (Qedit)

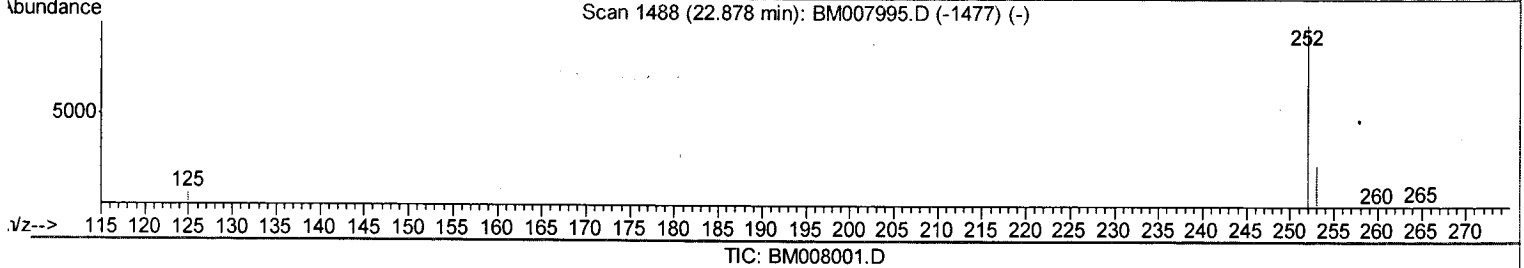
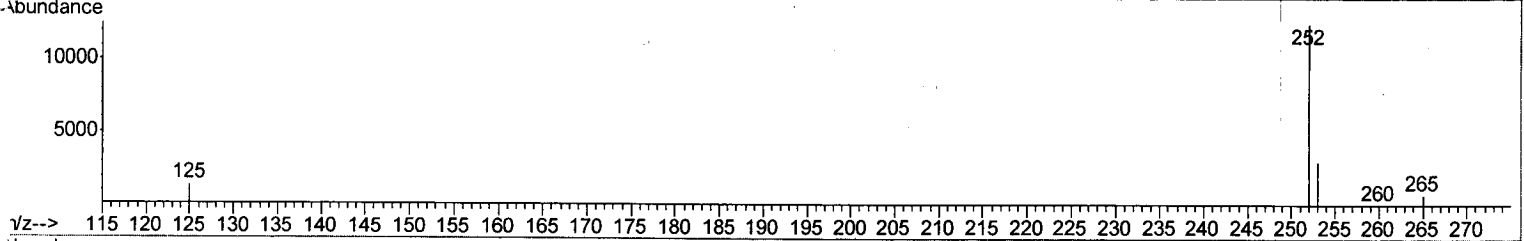
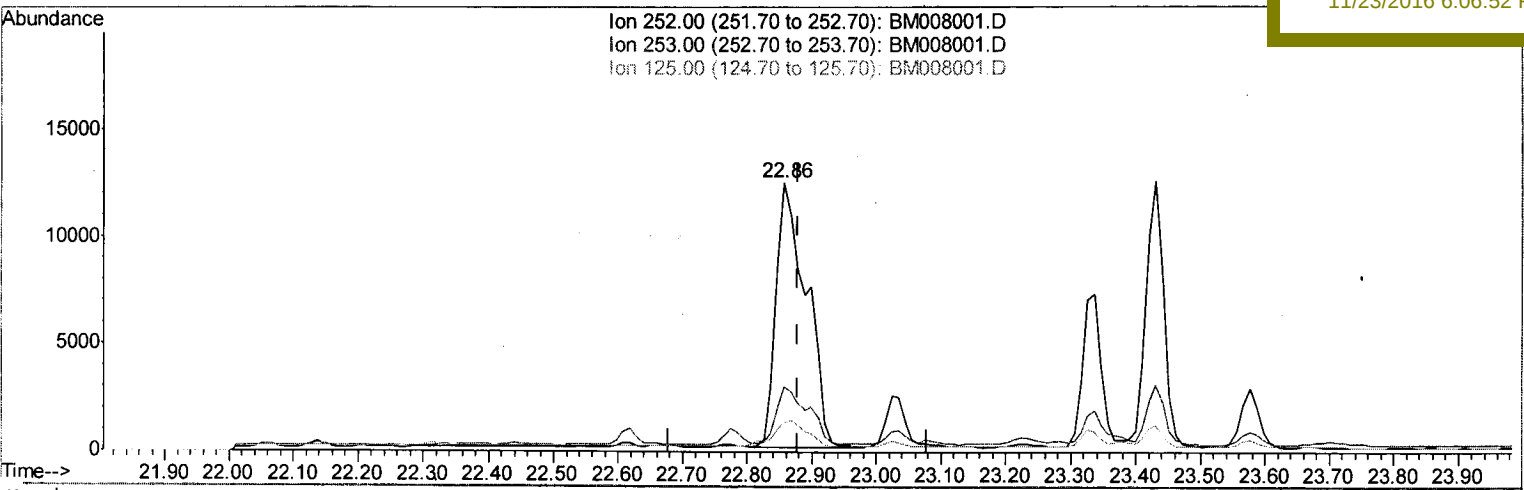
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(21) Benzo(b)fluoranthene

22.857min (-0.021) 3.02ng/ul

response 39542

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.31
125.00	17.50	11.15
0.00	0.00	0.00

Quantitation Report (Qedit)

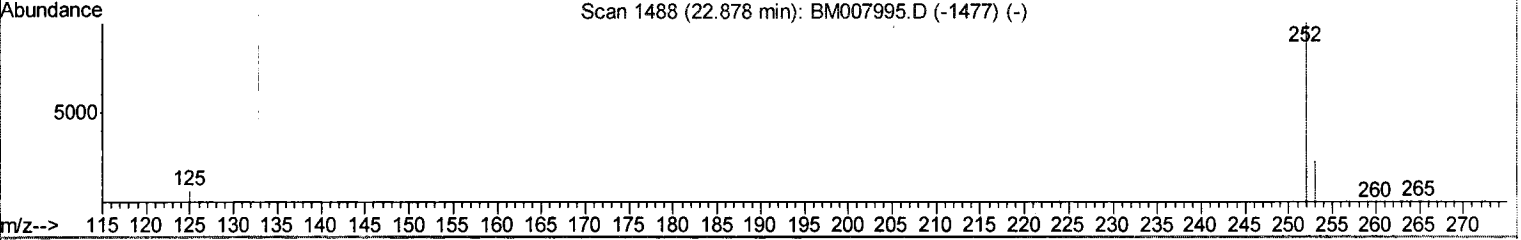
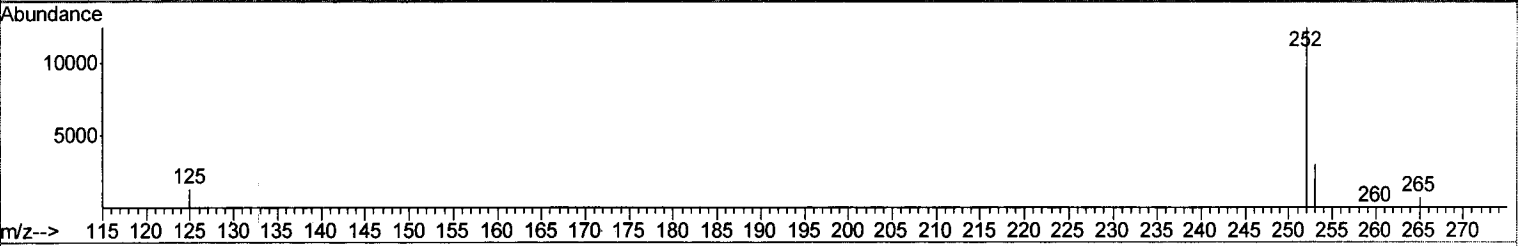
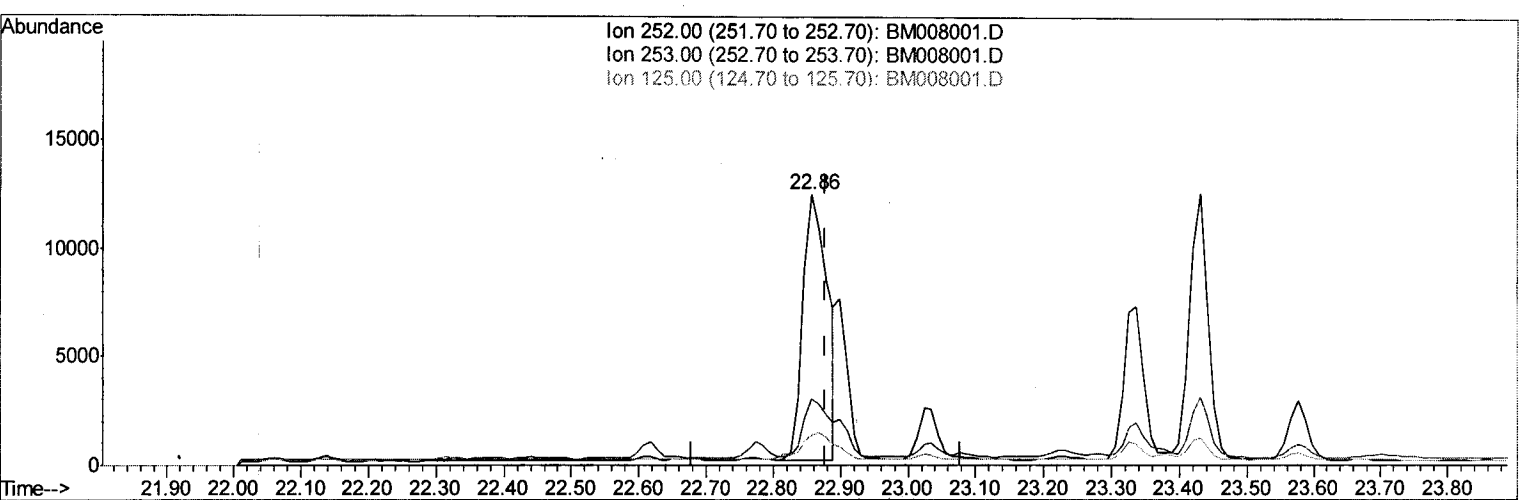
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TIC: BM008001.D

(21) Benzo(b)fluoranthene

22.857min (-0.021) 2.39ng/ul m

S.S.
 11/25/2016

response 31295

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.31
125.00	17.50	11.15
0.00	0.00	0.00

Quantitation Report (Qedit)

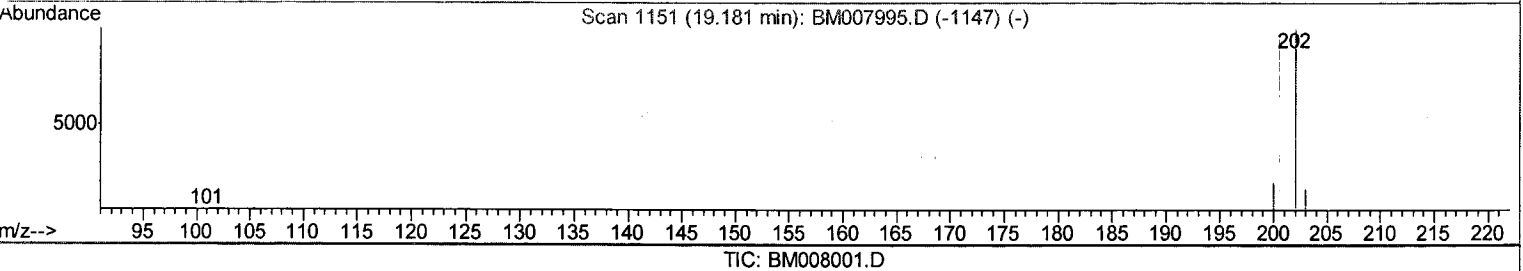
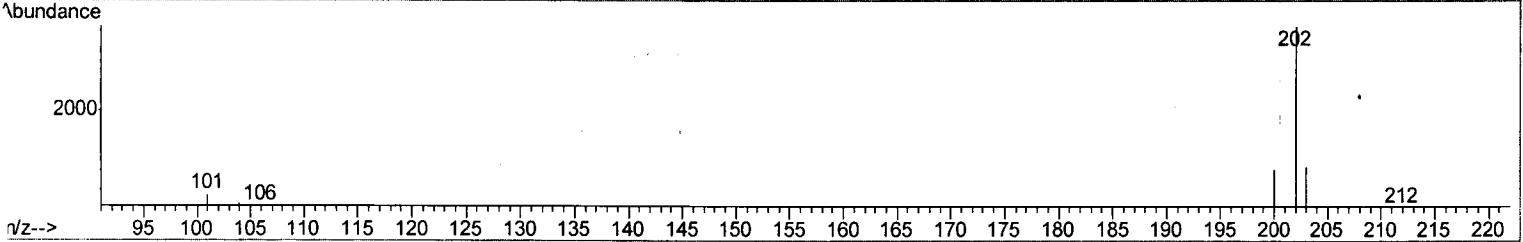
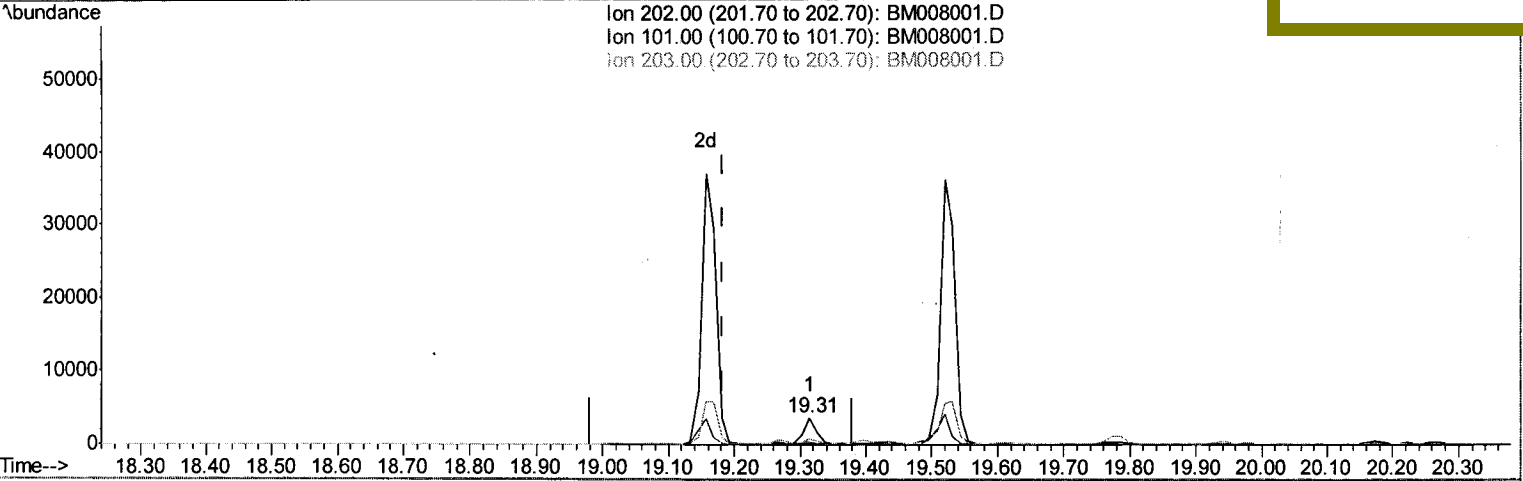
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(15) Fluoranthene (C)

19.314min (+0.133) 0.37ng/ul

response 4746

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	8.03
203.00	19.50	23.13
0.00	0.00	0.00

Quantitation Report (Qedit)

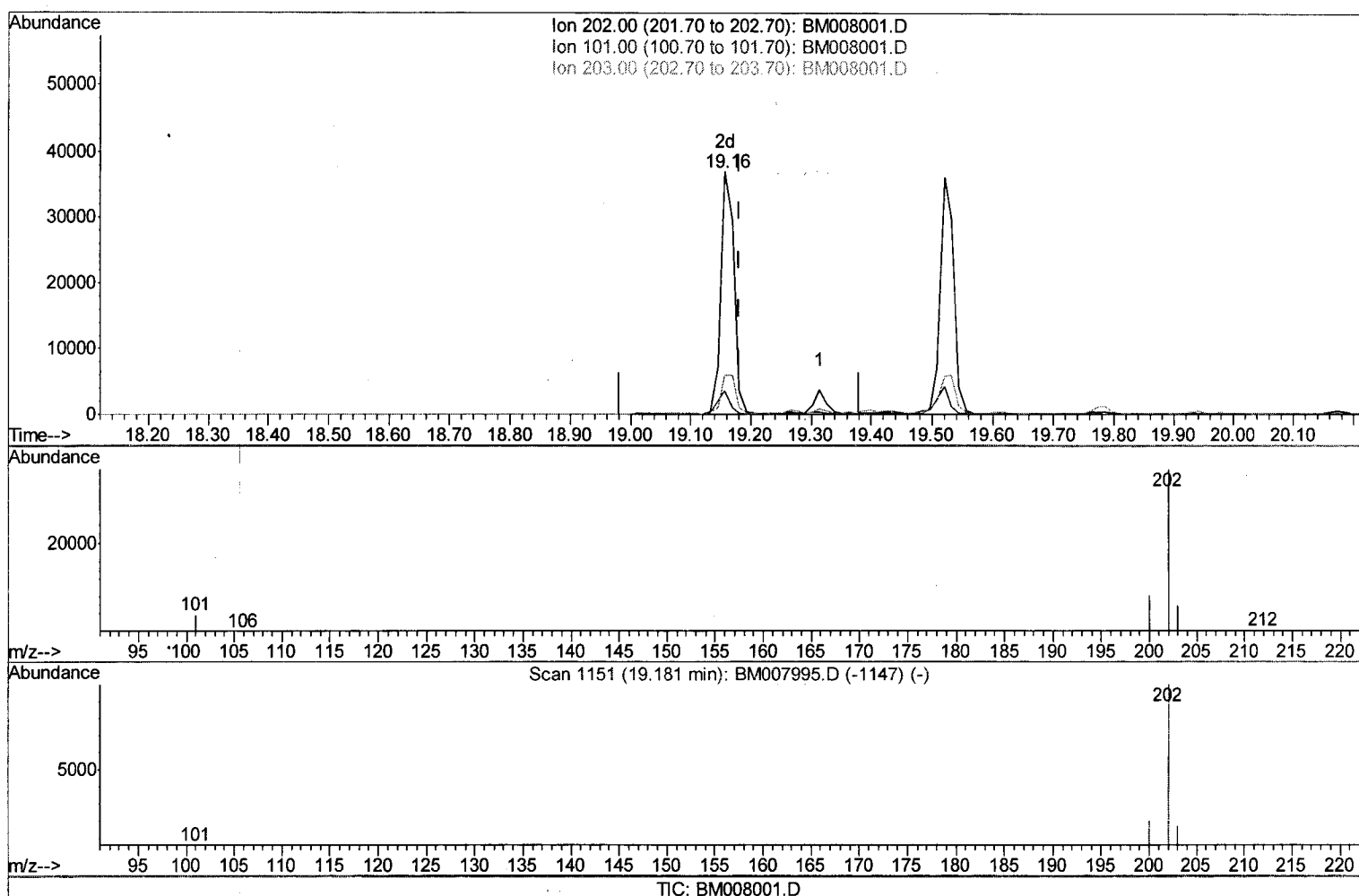
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Manual Integrations
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(15) Fluoranthene (C)

19.157min (-0.024) 4.38ng/ul m

response 56836

Ion Exp% Act%

202.00 100 100

101.00 10.30 9.79

203.00 19.50 16.07

0.00 0.00 0.00

SJ
 11/25/2016

Quantitation Report (Qedit)

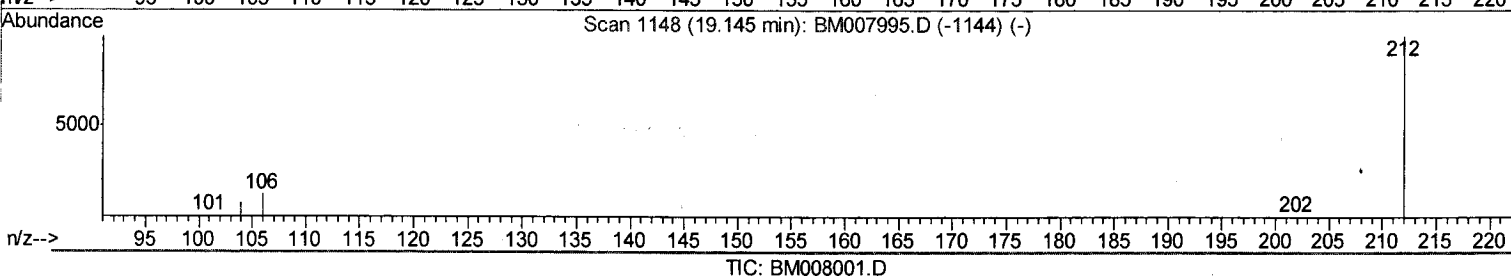
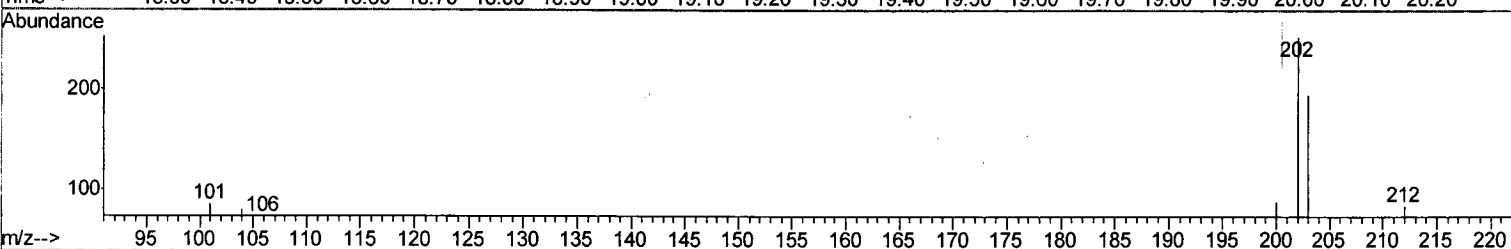
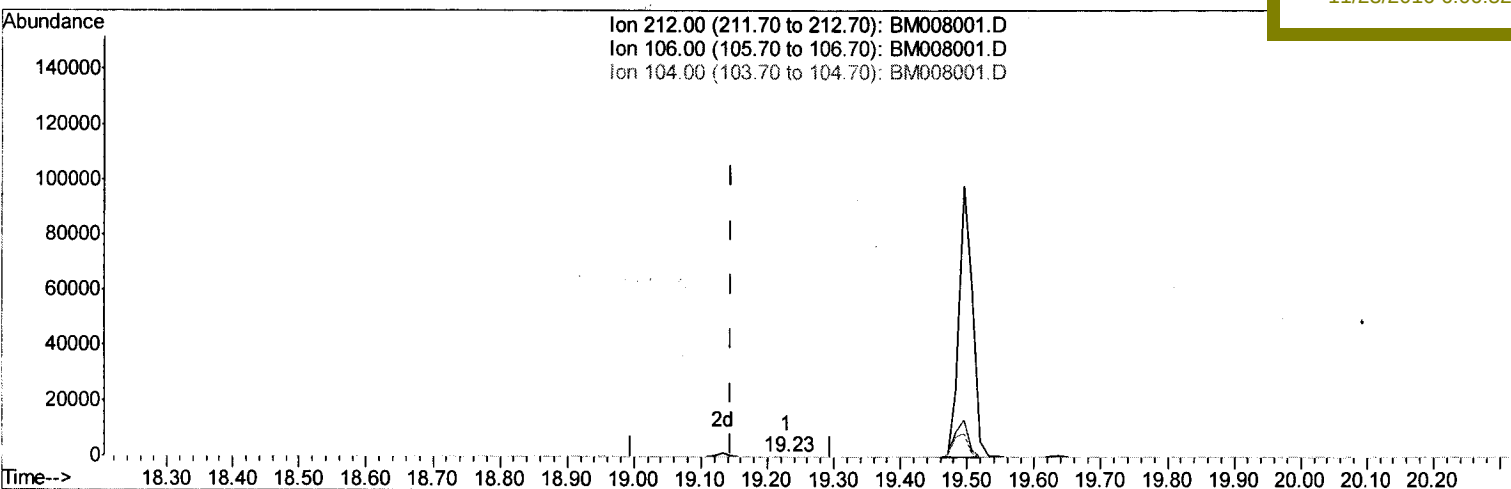
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(14) Fluoranthene-d10 (SURR)

19.229min (+0.084) 0.01ng/ul

response 60

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

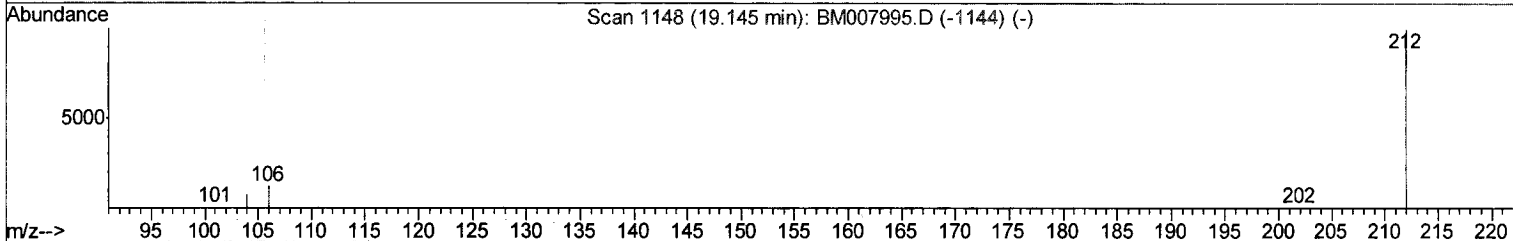
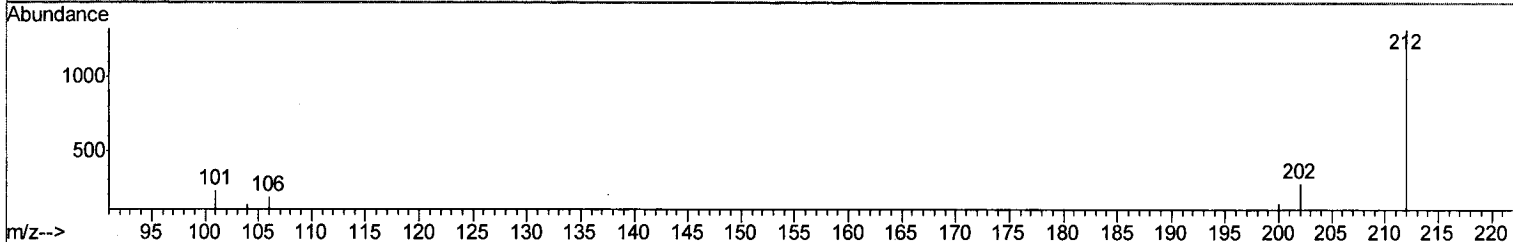
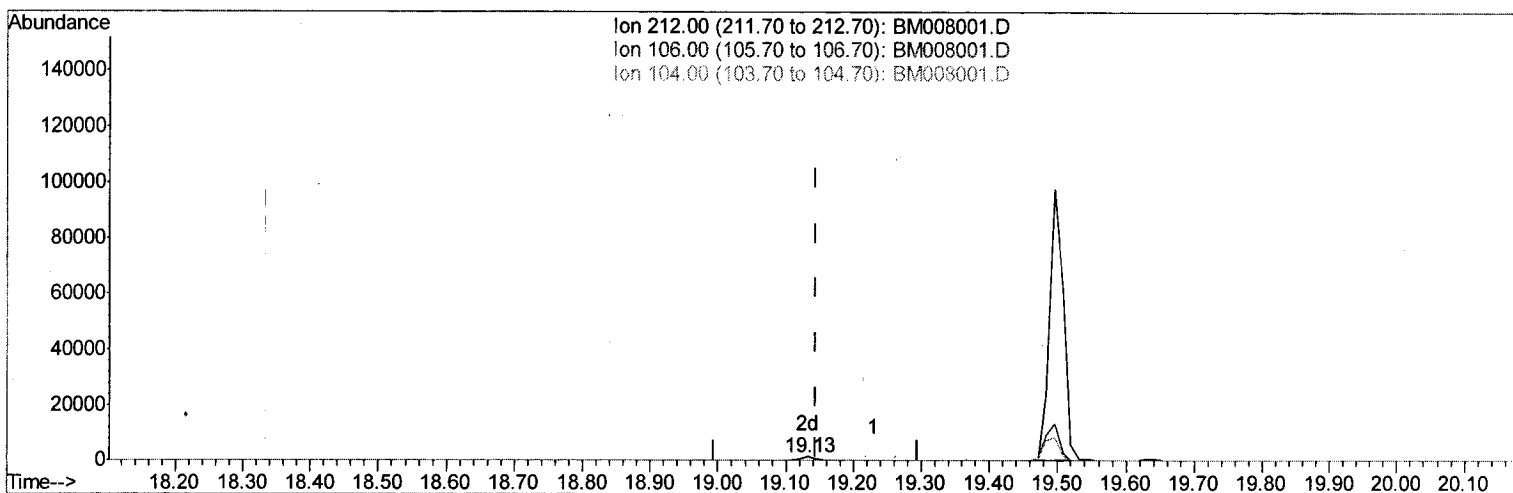
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Manual Integrations
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TIC: BM008001.D

(14) Fluoranthene-d10 (SURR)

19.133min (-0.012) 0.22ng/ul m

response 2015

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

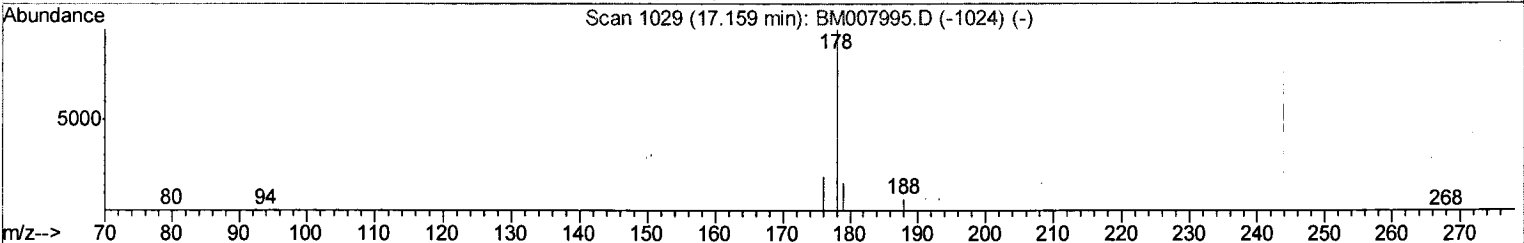
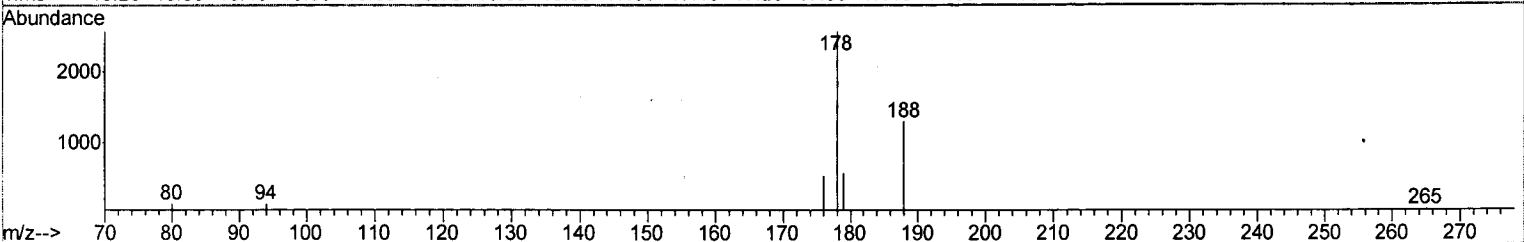
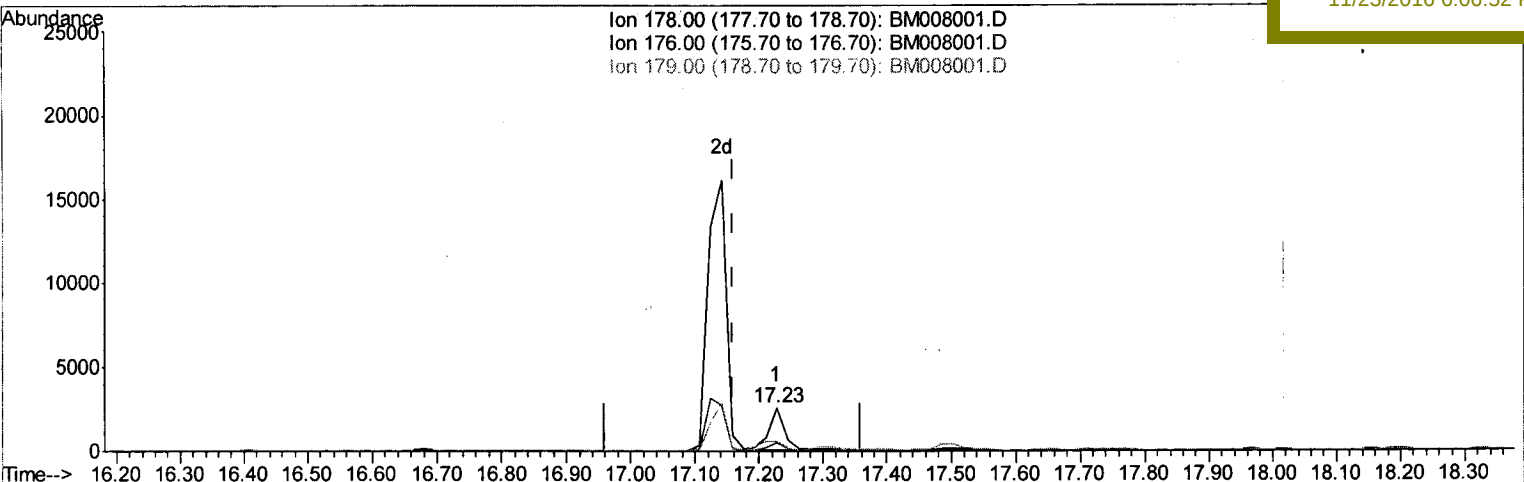
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TIC: BM008001.D

(12) Phenanthrene

17.228min (+0.068) 0.43ng/ul

response 4305

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	20.43
179.00	17.00	21.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

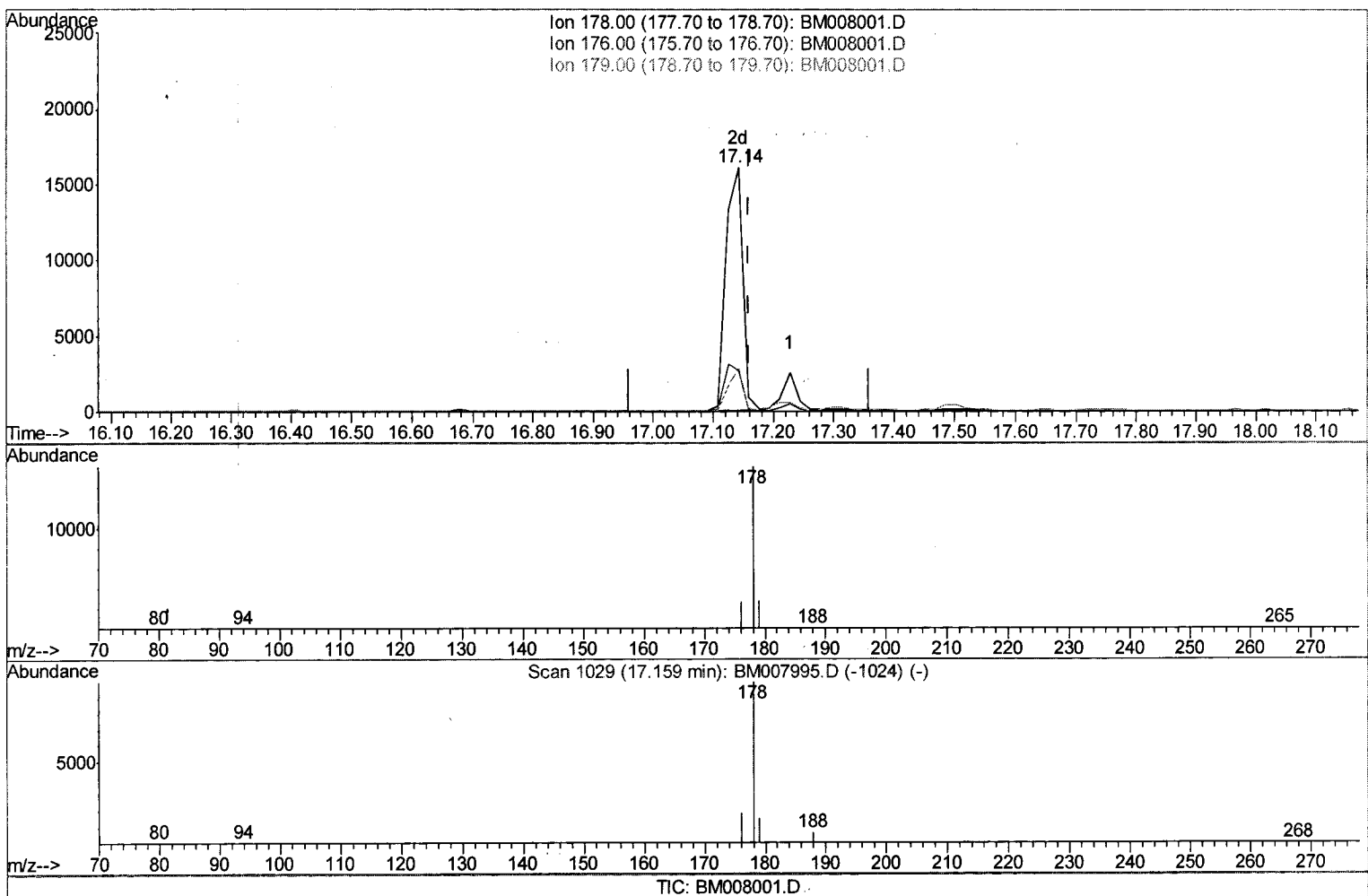
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(12) Phenanthrene

17.142min (-0.017) 3.14ng/ul m

response 31586

Ion Exp% Act%

178.00 100 100

176.00 23.00 16.62#

179.00 17.00 17.60

0.00 0.00 0.00

3.5
 11/25/2016

Quantitation Report (Qedit)

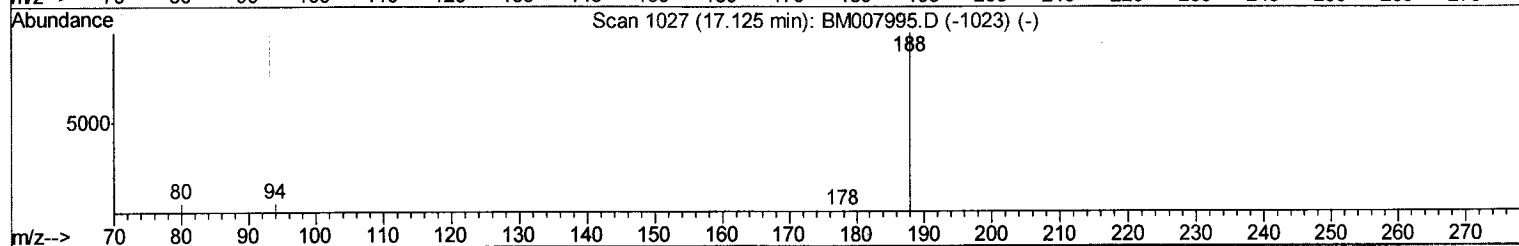
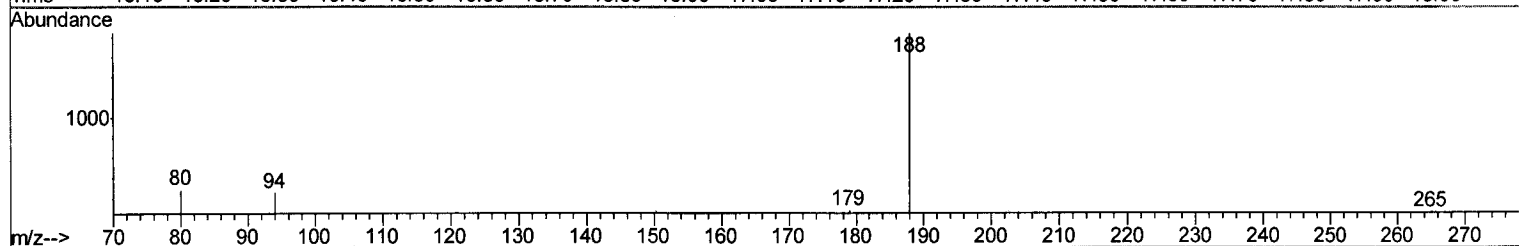
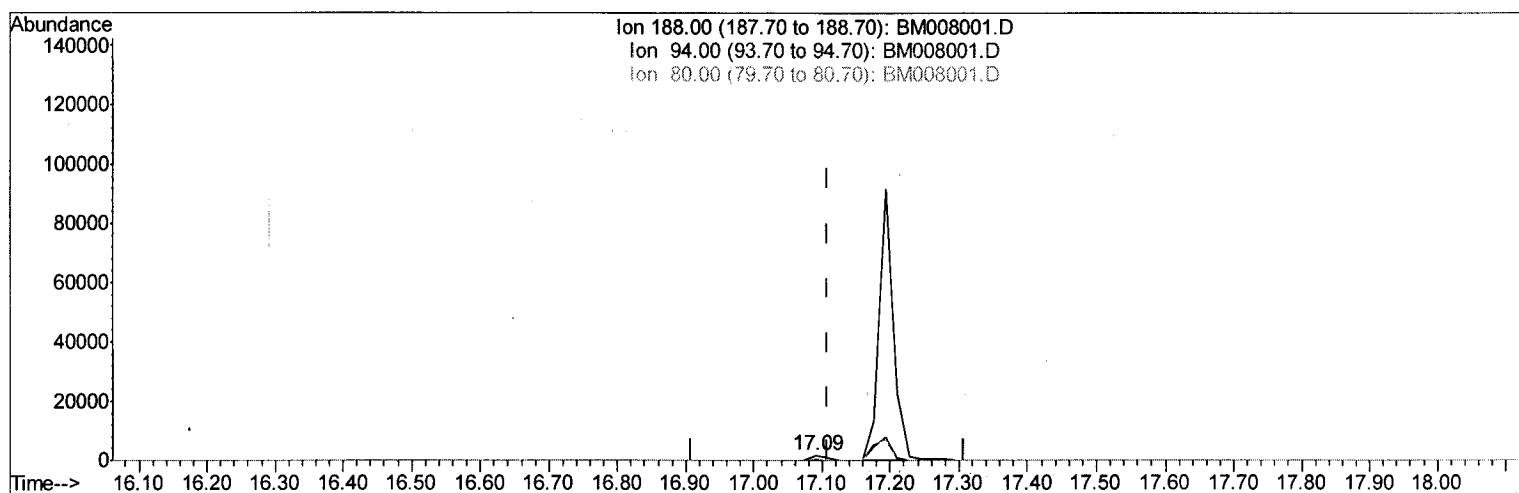
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Manual Integrations
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Quant Time: Nov 23 00:49:04 2016
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TIC: BM008001.D

(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 3226

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.64#
80.00	11.80	15.54#
0.00	0.00	0.00

SJ
 11/25/2016

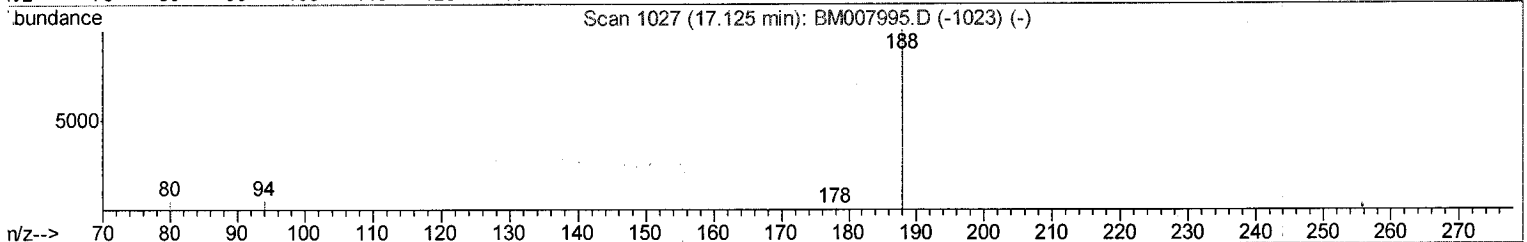
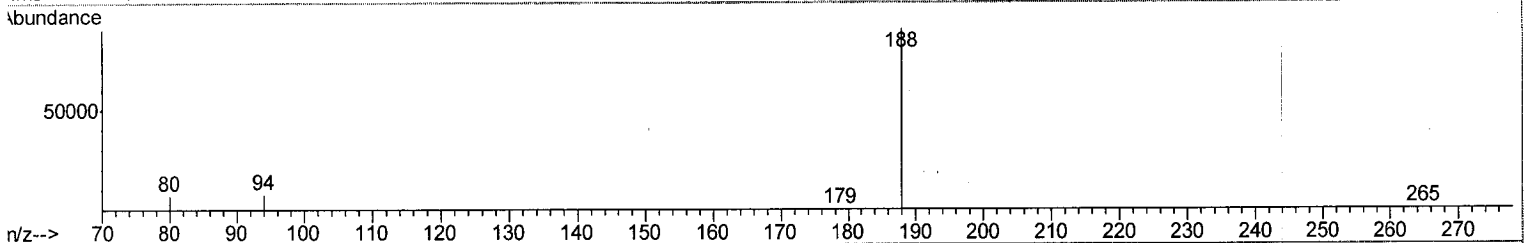
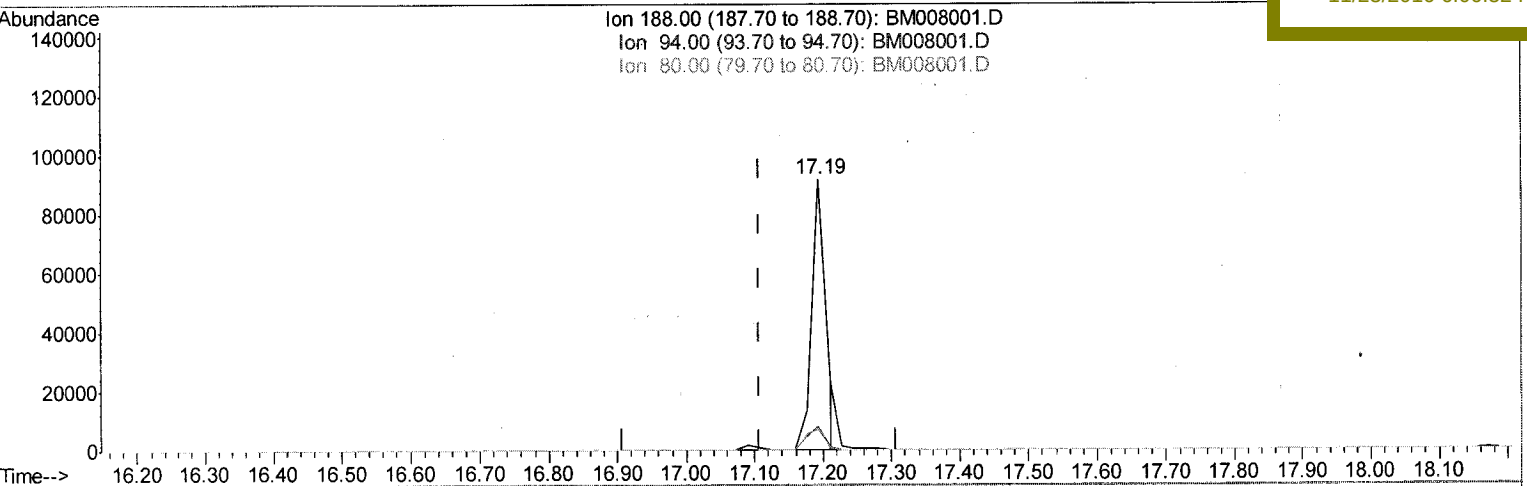
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampled :
UHST6

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TIC: BM008001.D

(10) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 131097

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.51#
80.00	11.80	7.72#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM008001.D
 Acq On : 22 Nov 2016 19:11
 Operator : UM/SJ
 Sample : H5695-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST6

Quant Time: Nov 23 01:02:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 16:05:09 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:06:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	753	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2603	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1605	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	3226m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3165	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	3282	0.40	ng/ul	-0.02

S.D.
 11/25/2016

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	736	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	2015m	0.22	ng/ul	-0.01

S.D.
 11/25/2016

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	1308	0.18	ng/ul#	93
5) 2-Methylnaphthalene	12.17	142	469	0.10	ng/ul	98
7) Acenaphthylene	14.06	152	3194	0.44	ng/ul	97
8) Acenaphthene	14.40	153	341	0.06	ng/ul#	86
9) Fluorene	15.41	166	987	0.16	ng/ul#	96
12) Phenanthrene	17.14	178	31586m	3.14	ng/ul	
13) Anthracene	17.23	178	4471	0.47	ng/ul	94
15) Fluoranthene	19.16	202	56836m	4.38	ng/ul	
17) Pyrene	19.52	202	56433	5.14	ng/ul	96
18) Benzo(a)anthracene	21.27	228	22914	2.36	ng/ul	98
19) Chrysene	21.32	228	26625	2.20	ng/ul	98
21) Benzo(b)fluoranthene	22.86	252	31295m	2.39	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	8691m	0.64	ng/ul	
23) Benzo(a)pyrene	23.43	252	22927m	1.87	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	14895	0.98	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.79	278	3572	0.29	ng/ul#	88
26) Benzo(g,h,i)perylene	26.47	276	12324	0.92	ng/ul#	91

S.D.
 11/25/2016

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 11/25/2016

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