

Quantitation Report (QT Reviewed)

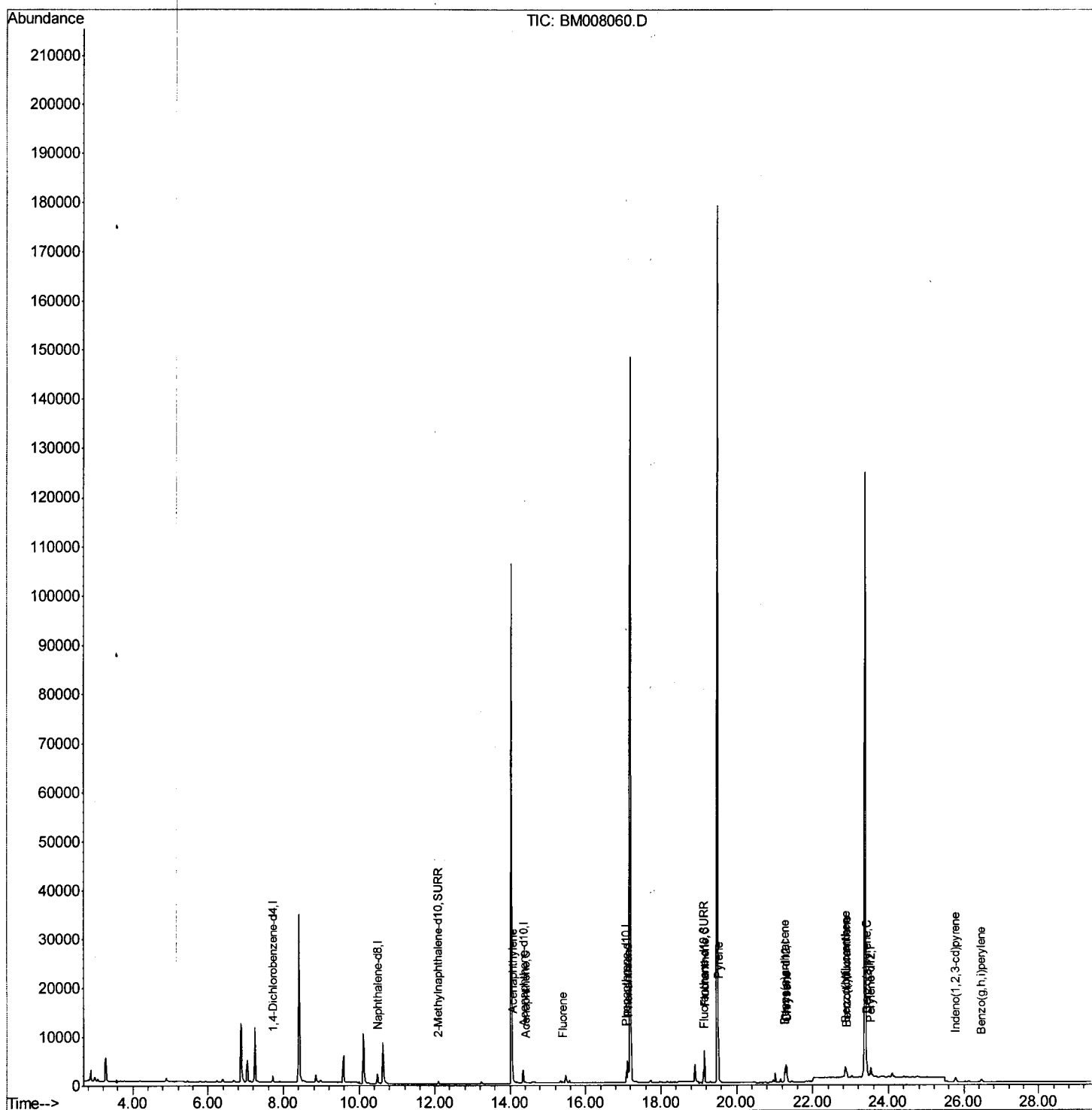
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008060.D
 Acq On : 24 Nov 2016 06:45
 Operator : UM/SJ
 Sample : H5701-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WF4

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:29:13 PM

Quant Time: Nov 28 02:05:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

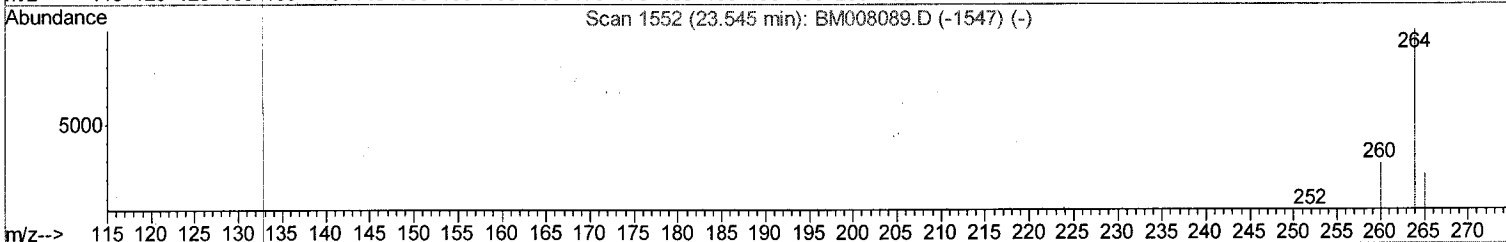
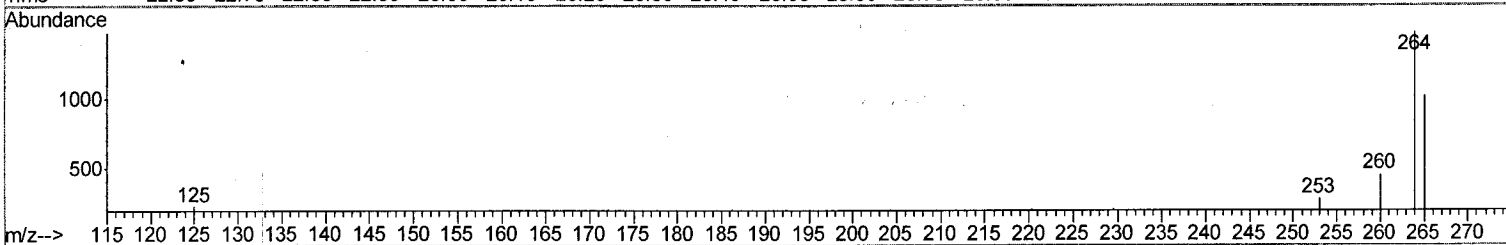
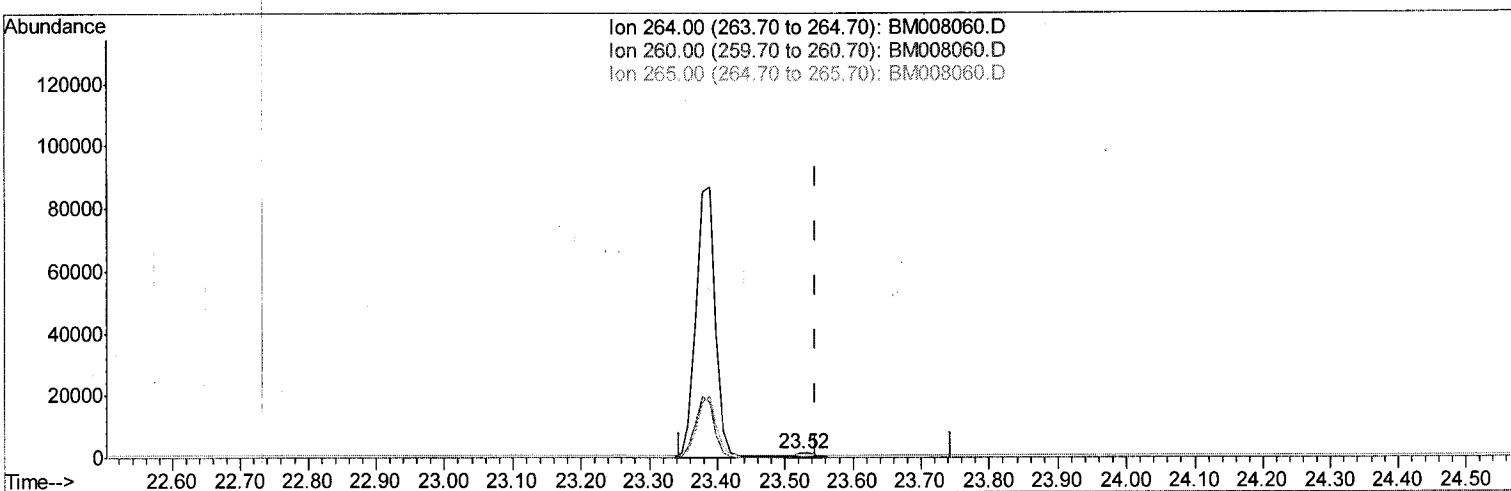
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
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TIC: BM008060.D

(20) Perylene-d12 (I)

23.524min (-0.021) 0.40ng/ul m

response 2470

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.39
265.00	103.50	68.72#
0.00	0.00	0.00

S. J.
 11/29/16

Quantitation Report (Qedit)

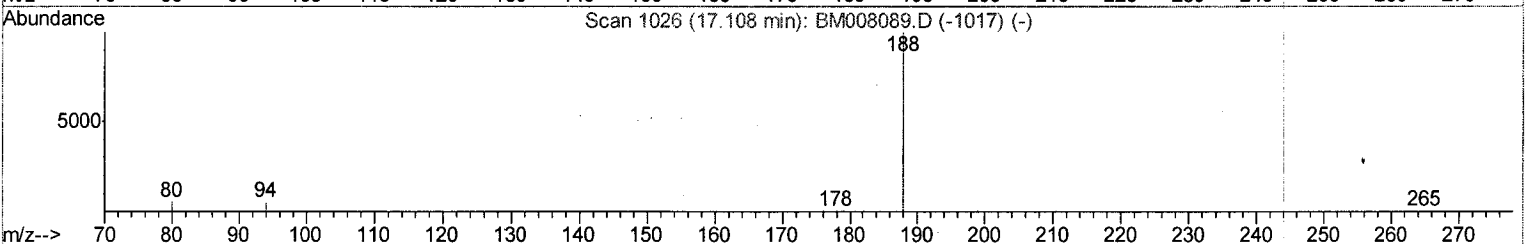
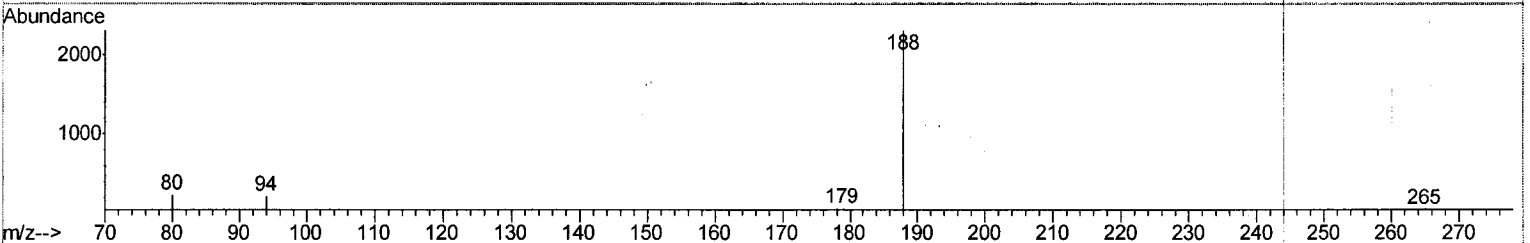
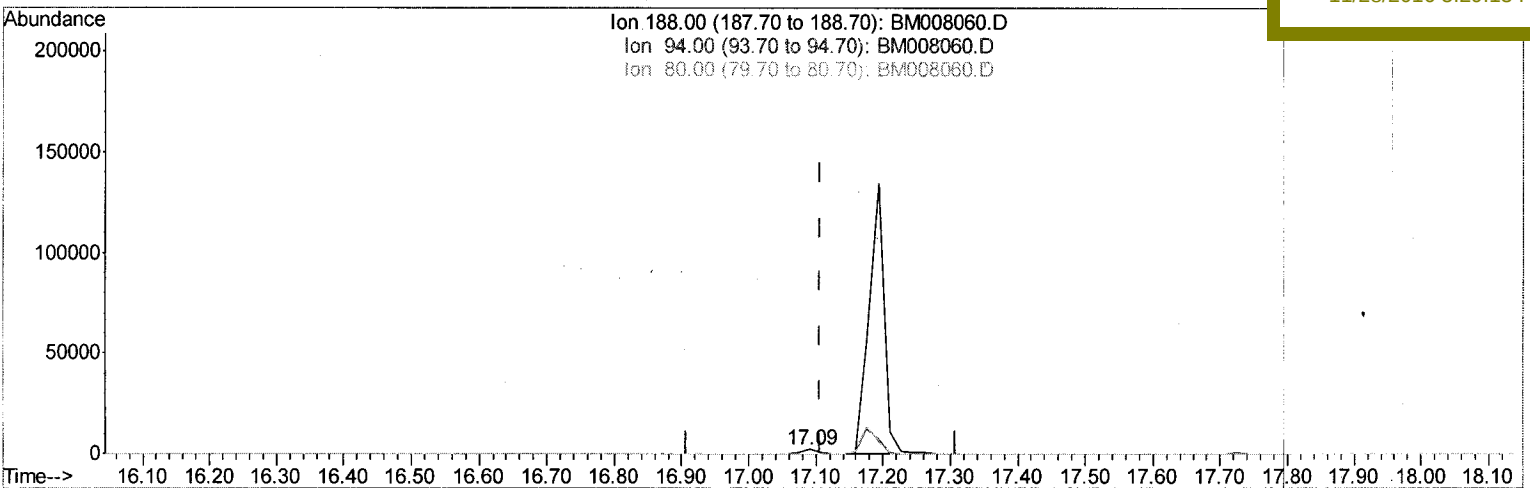
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TIC: BM008060.D

(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 3448

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.75
80.00	11.80	10.44
0.00	0.00	0.00

S. J.
 11/29/16

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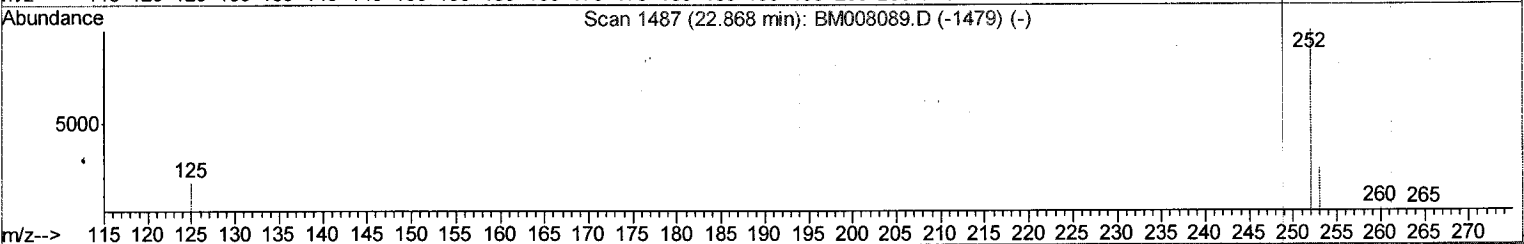
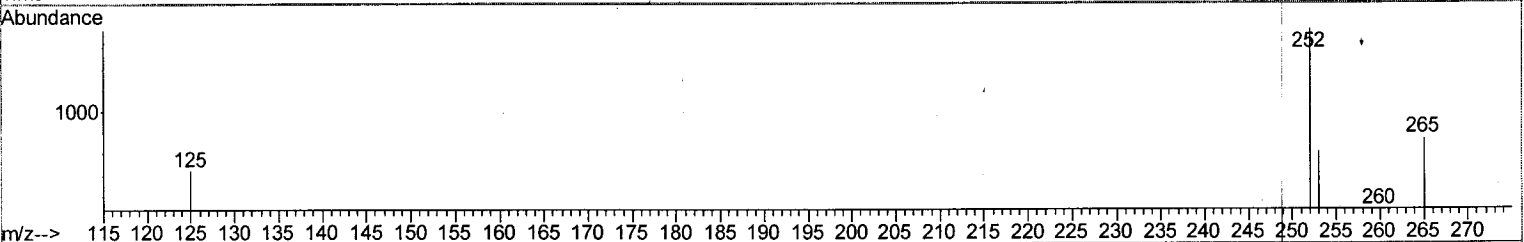
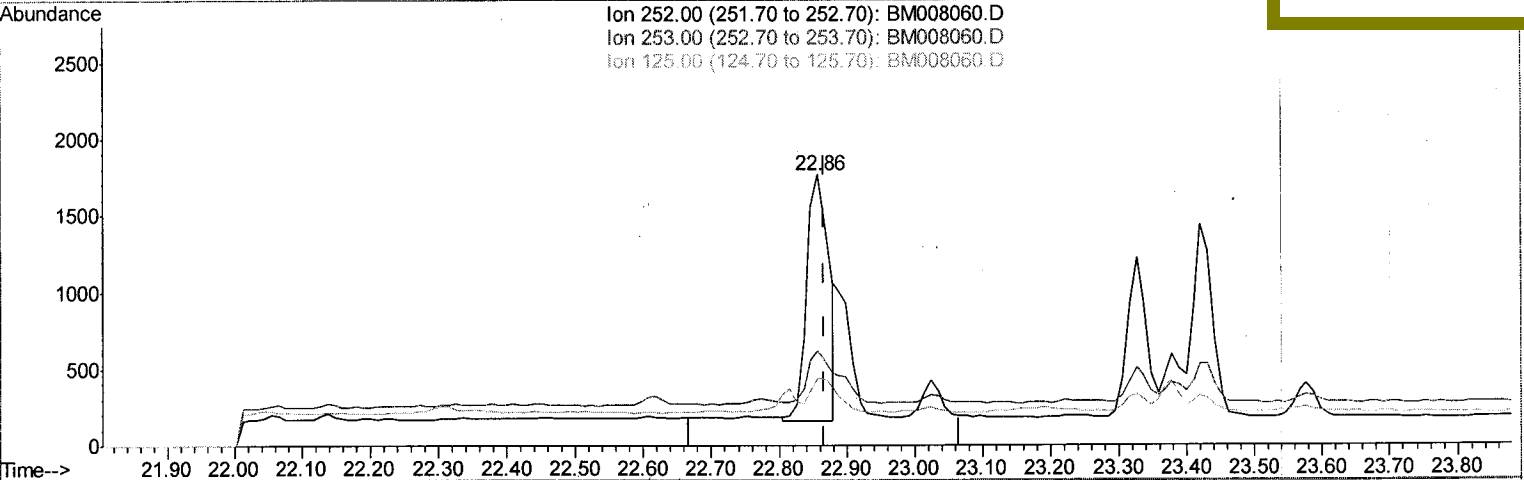
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TIC: BM008060.D

(21) Benzo(b)fluoranthene

22.857min (-0.010) 0.37ng/ul m

response 3642

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.03
125.00	17.50	24.96
0.00	0.00	0.00

S. J.
 11/29/16

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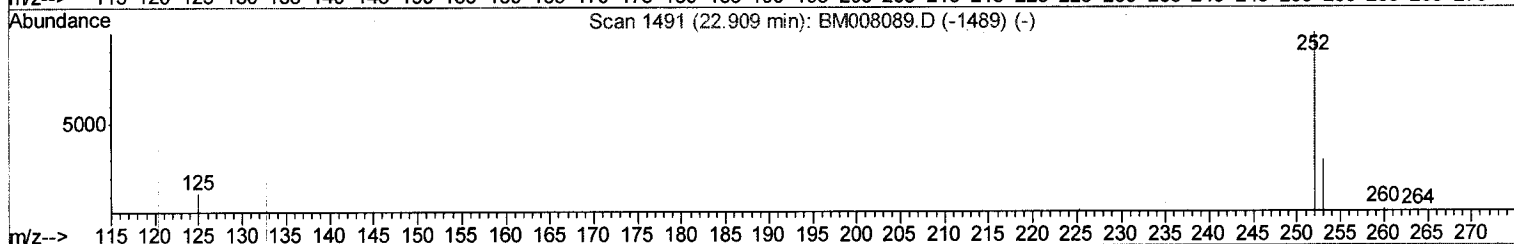
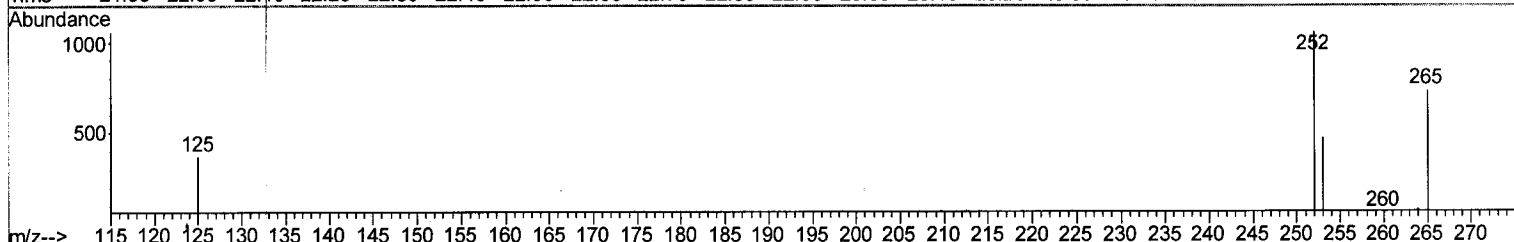
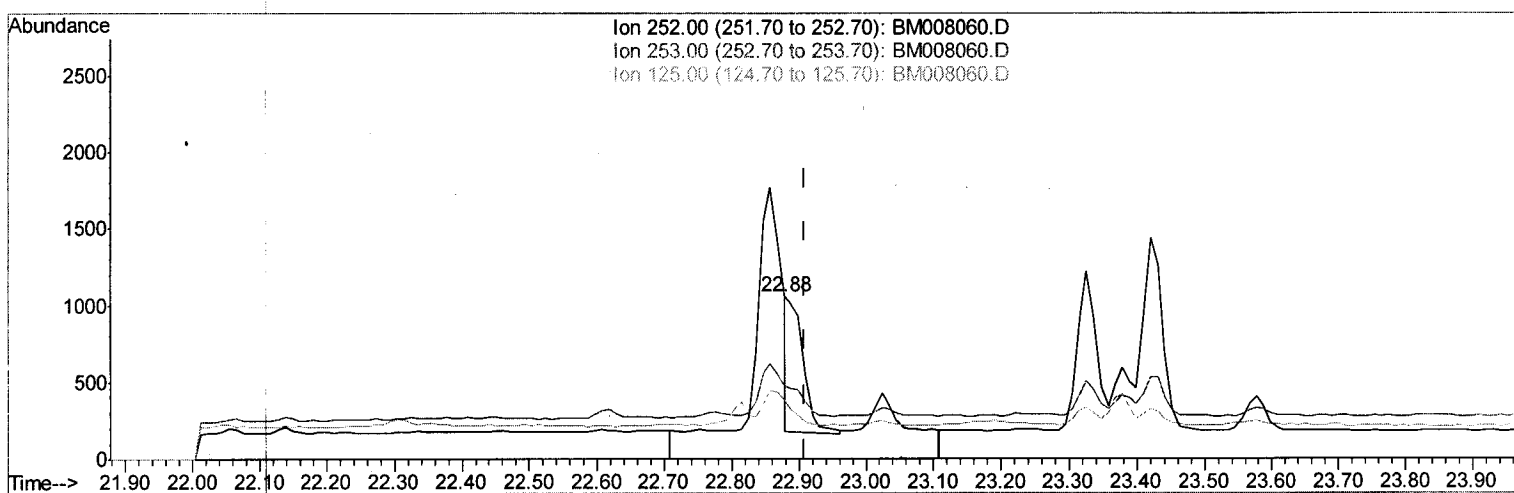
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TIC: BM008060.D

(22) Benzo(k)fluoranthene

22.878min (-0.031) 0.14ng/ul m

response 1374

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	45.04#
125.00	17.10	35.51#
0.00	0.00	0.00

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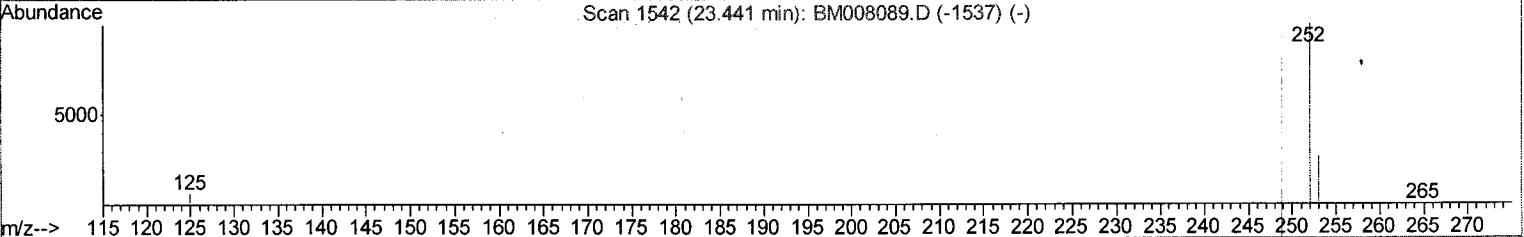
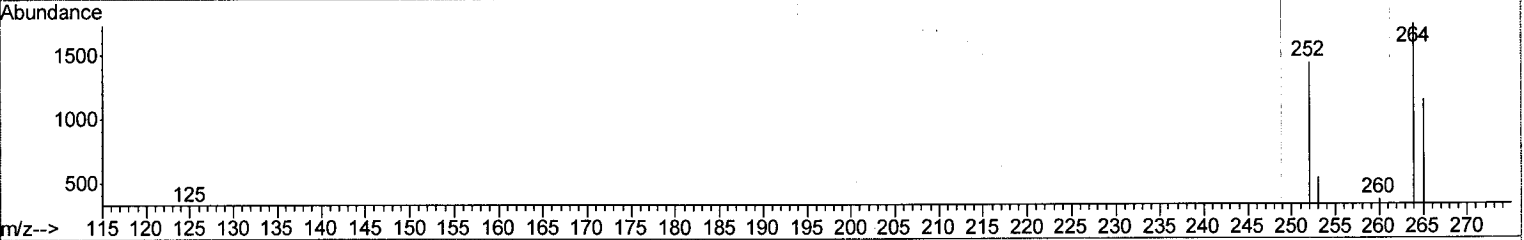
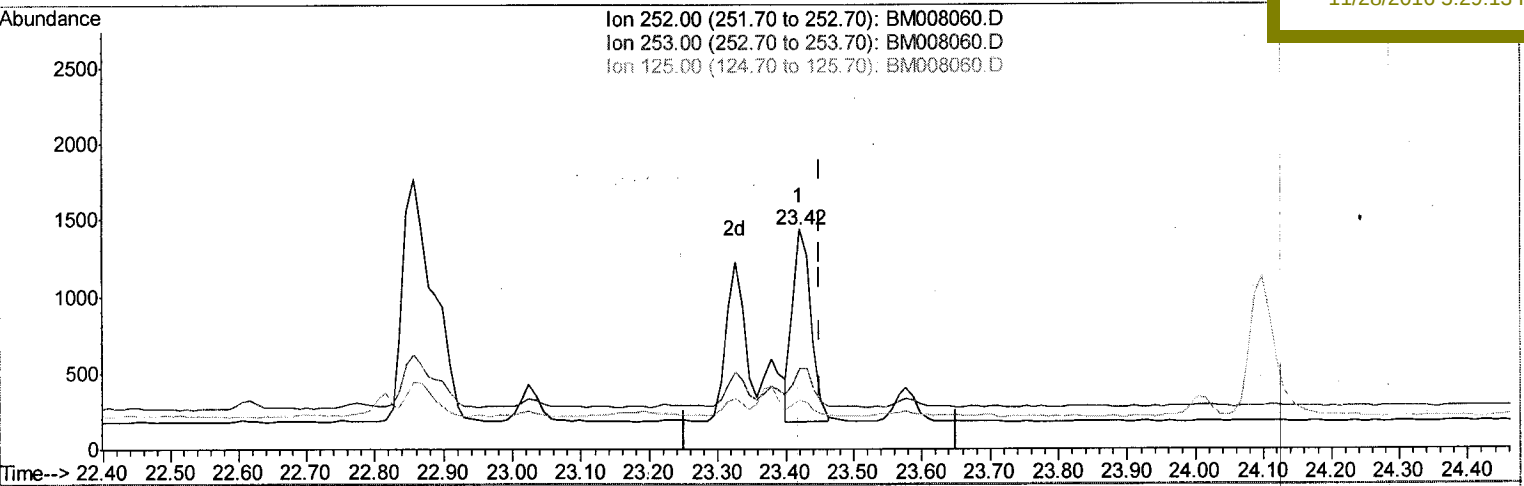
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TIC: BM008060.D

(23) Benzo(a)pyrene (C)

23.420min (-0.031) 0.25ng/ul m

response 2350

Ion Exp% Act%

252.00 100 100

253.00 35.60 37.09

125.00 22.60 22.55

0.00 0.00 0.00

S. J.
 11/29/16

Quantitation Report (Qedit)

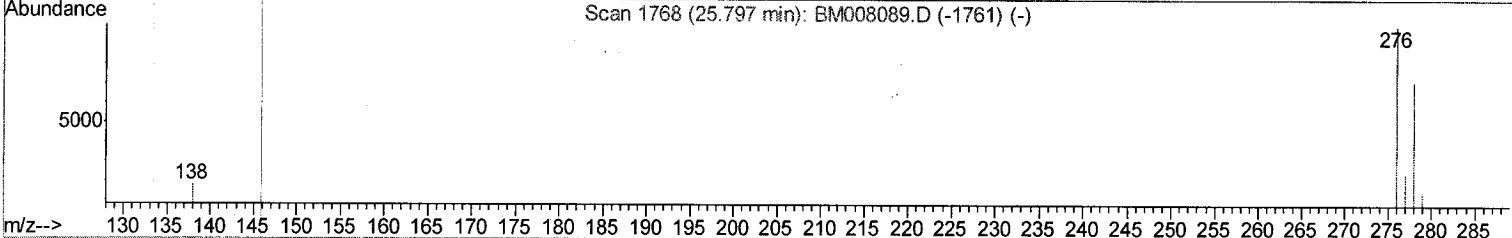
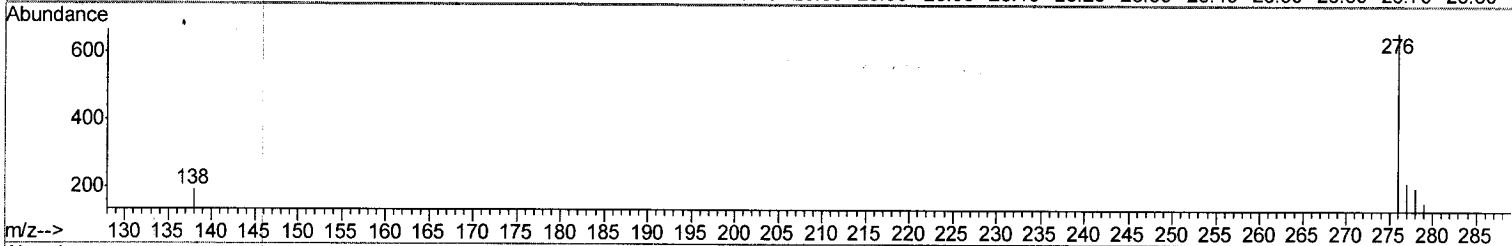
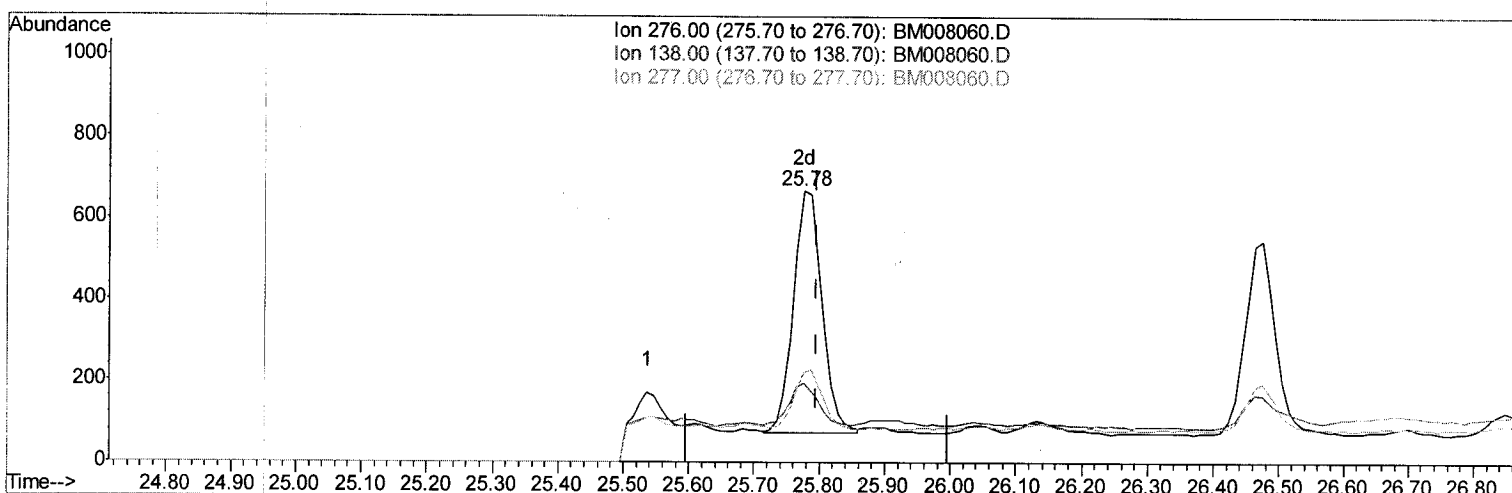
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TIC: BM008060.D

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

25.776min (-0.021) 0.16ng/ul m

response 1780

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	76.24#
277.00	24.50	70.90#
0.00	0.00	0.00

S. J.
11/29/16

Quantitation Report (Qedit)

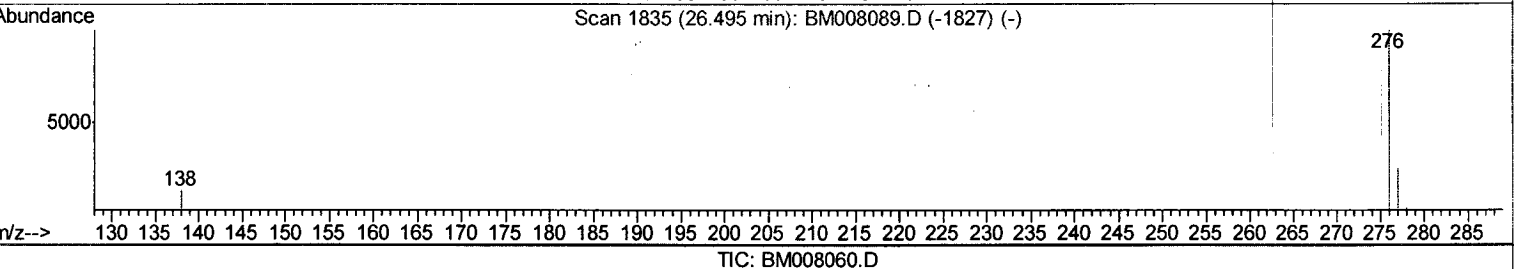
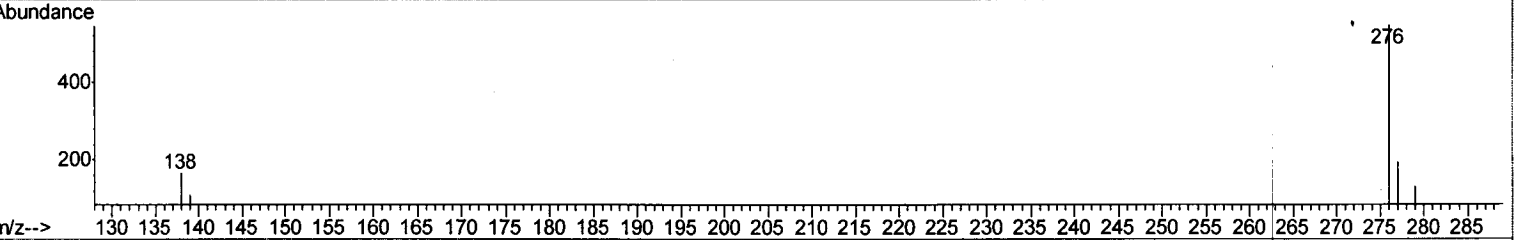
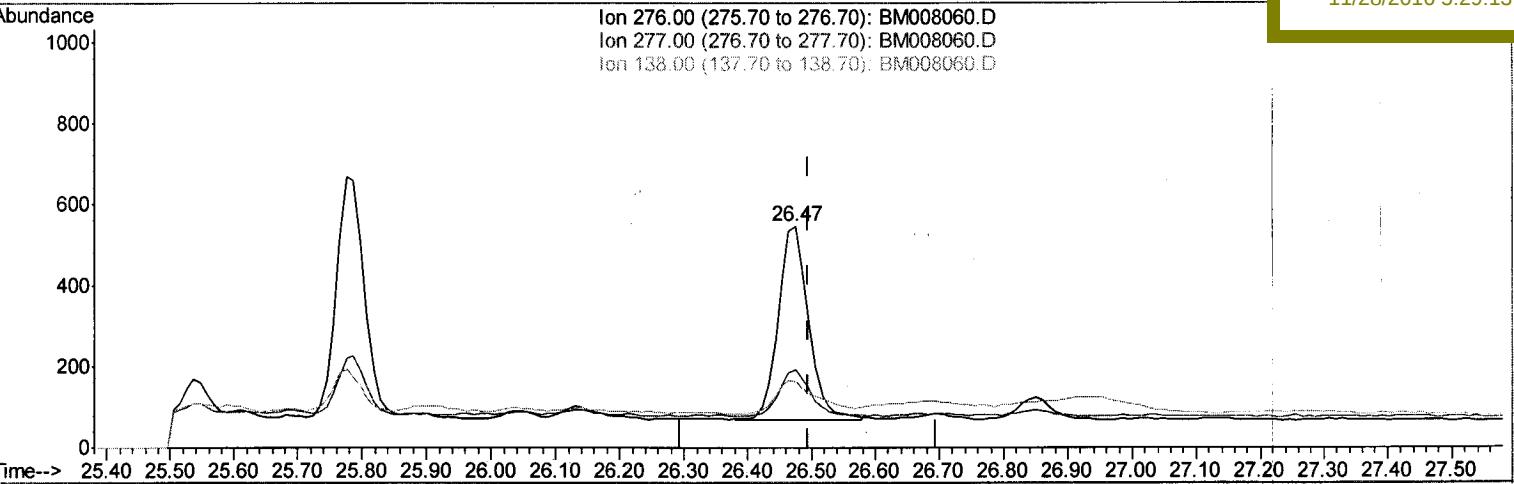
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 Sample : H5701-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(26) Benzo(g,h,i)perylene

26.474min (-0.021) 0.15ng/ul m

response 1549

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	35.60#
138.00	25.60	30.28
0.00	0.00	0.00

S-J.
 11/29/16

Quantitation Report (Qedit)

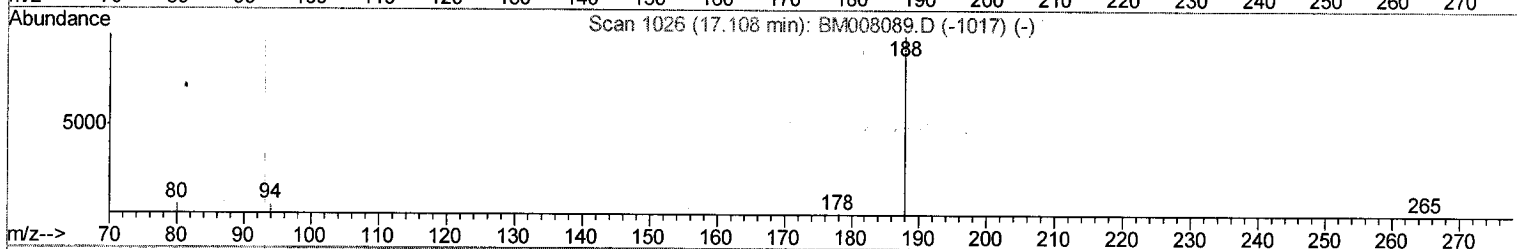
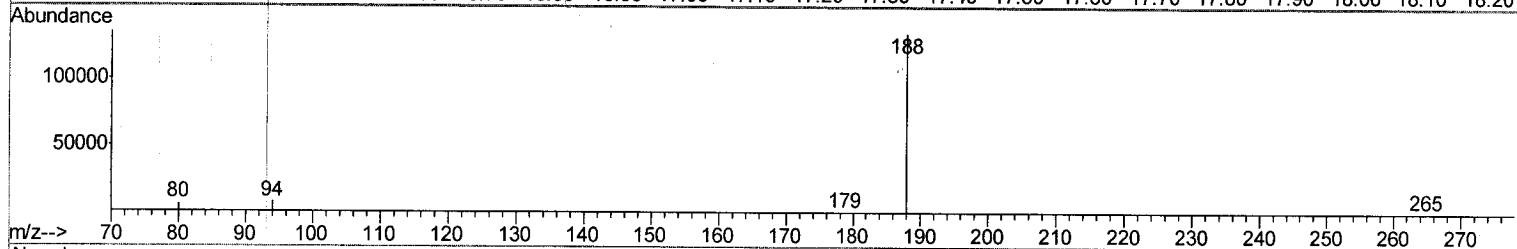
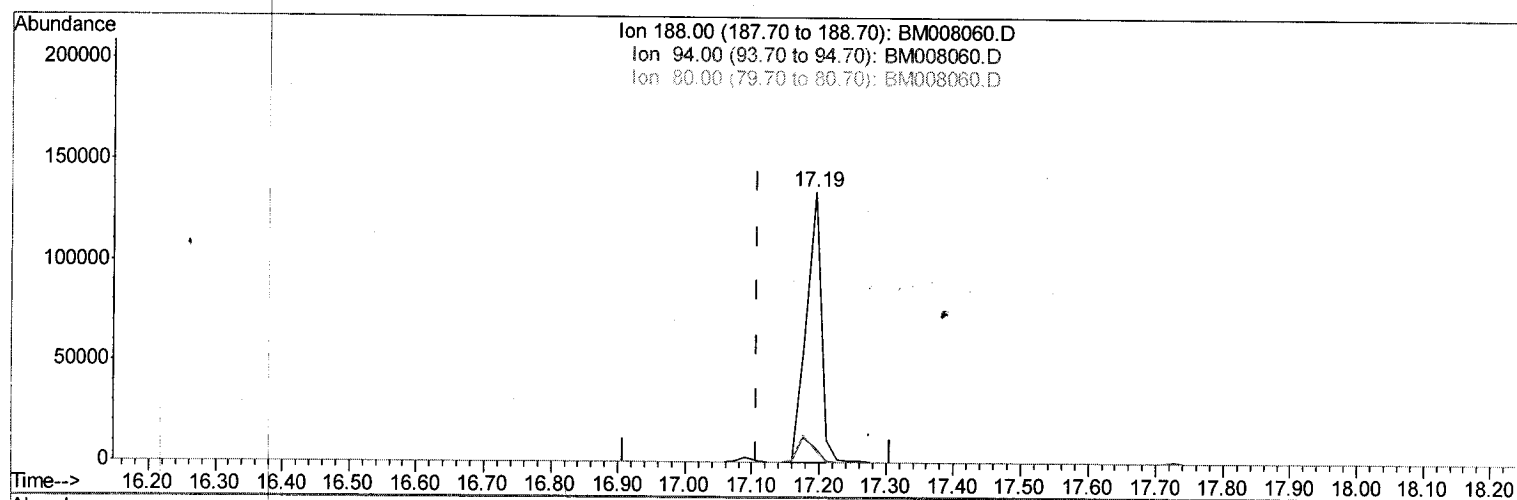
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA M
ClientSampleId :
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Manual Integrations
APPROVED

Umangi
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TIC: BM008060.D

(10) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 208734

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.43#
80.00	11.80	4.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

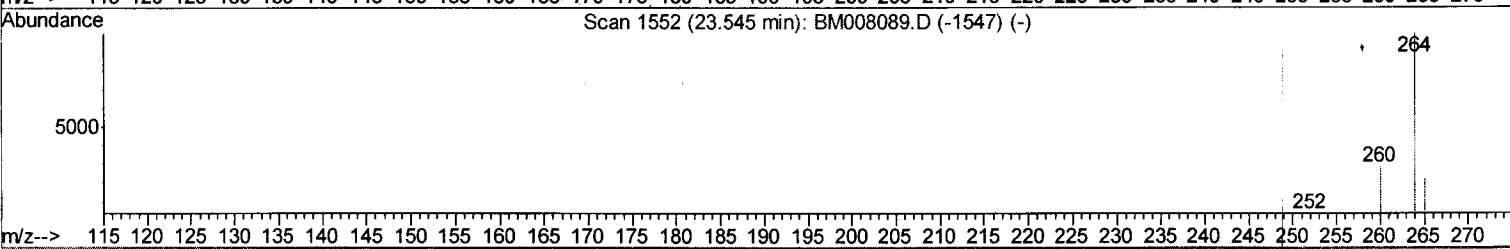
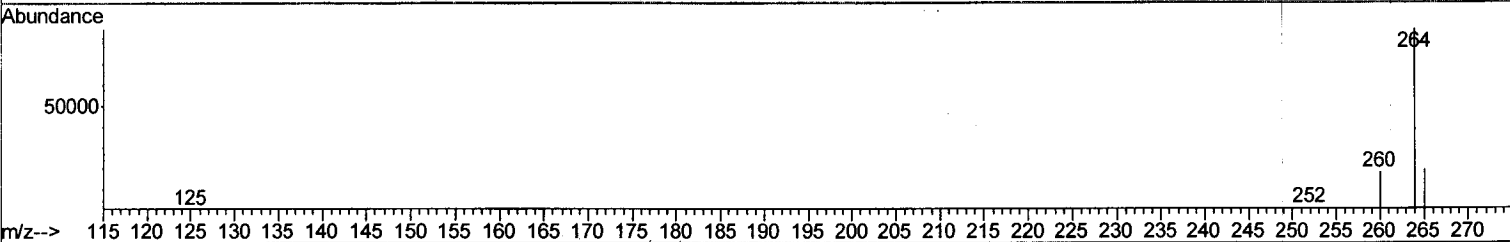
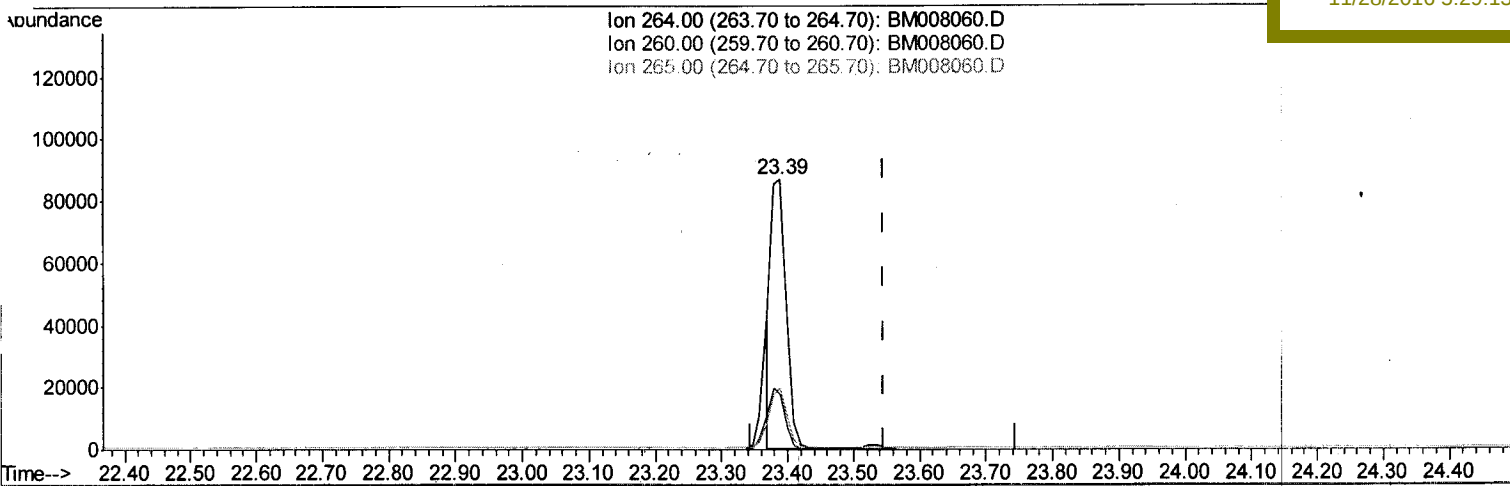
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(20) Perylene-d12 (I)

23.389min (-0.156) 0.40ng/ul

response 138768

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.62#
265.00	103.50	22.54#
0.00	0.00	0.00

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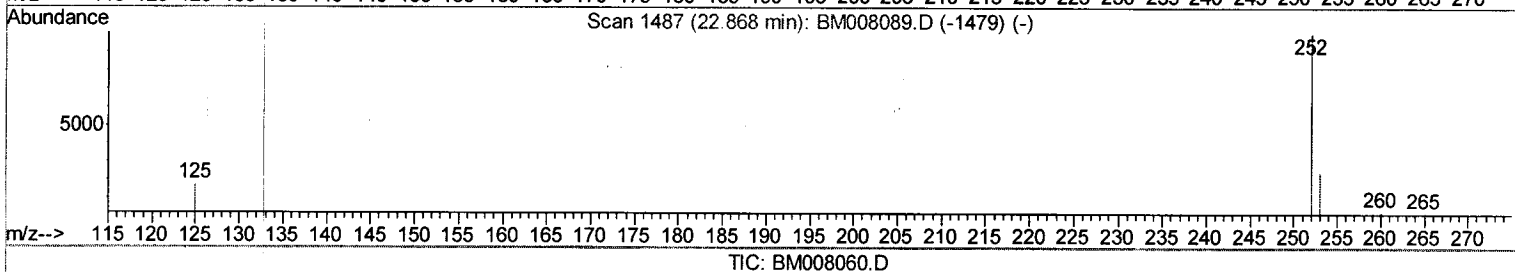
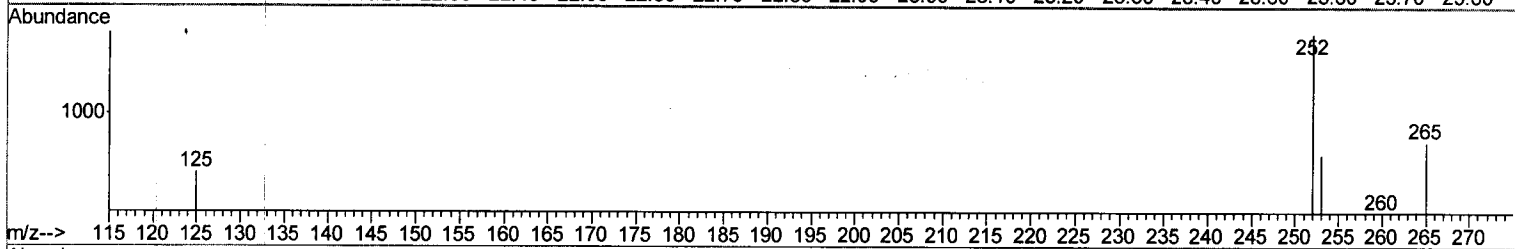
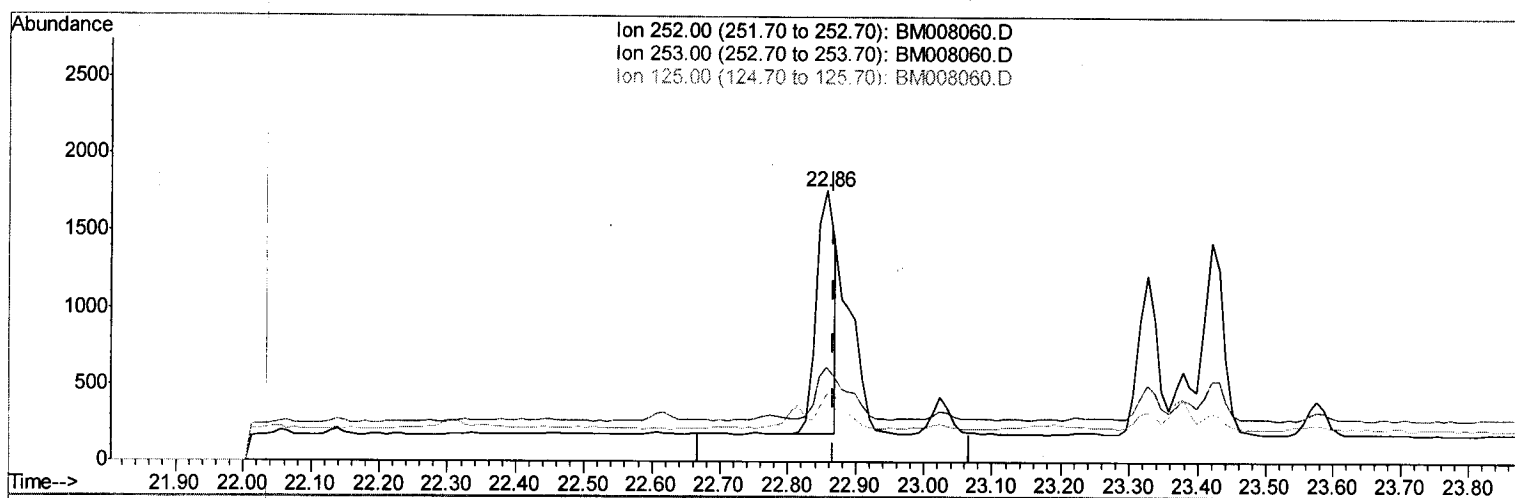
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(21) Benzo(b)fluoranthene
 22.857min (-0.010) 0.01ng/ul
 response 3008

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.03
125.00	17.50	24.96
0.00	0.00	0.00

Quantitation Report (Qedit)

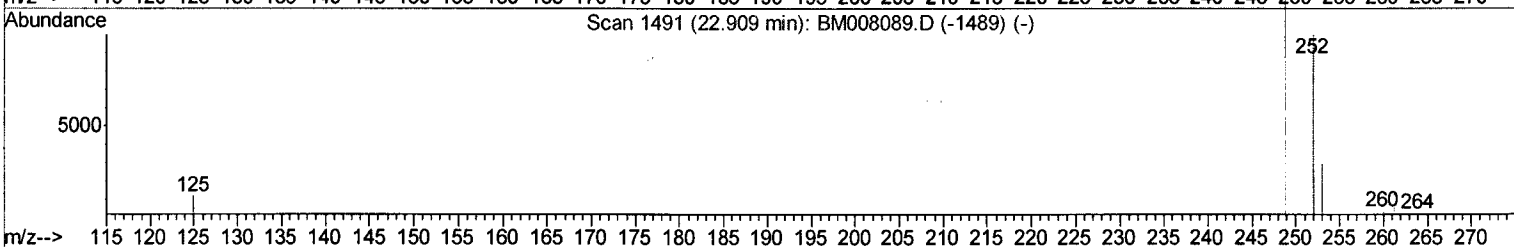
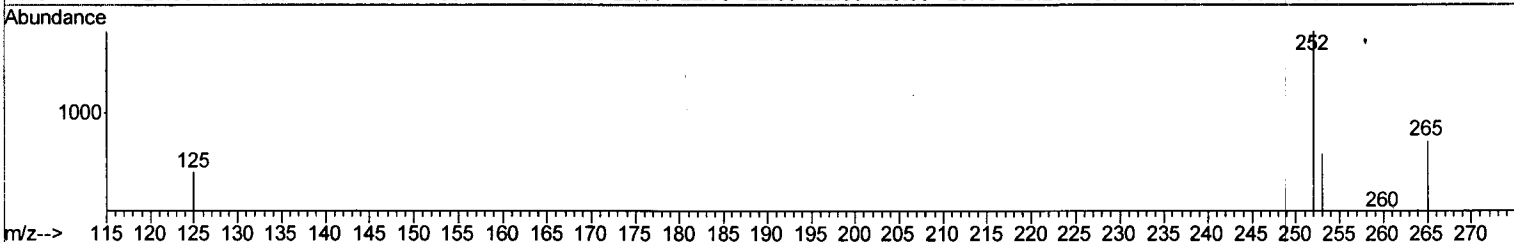
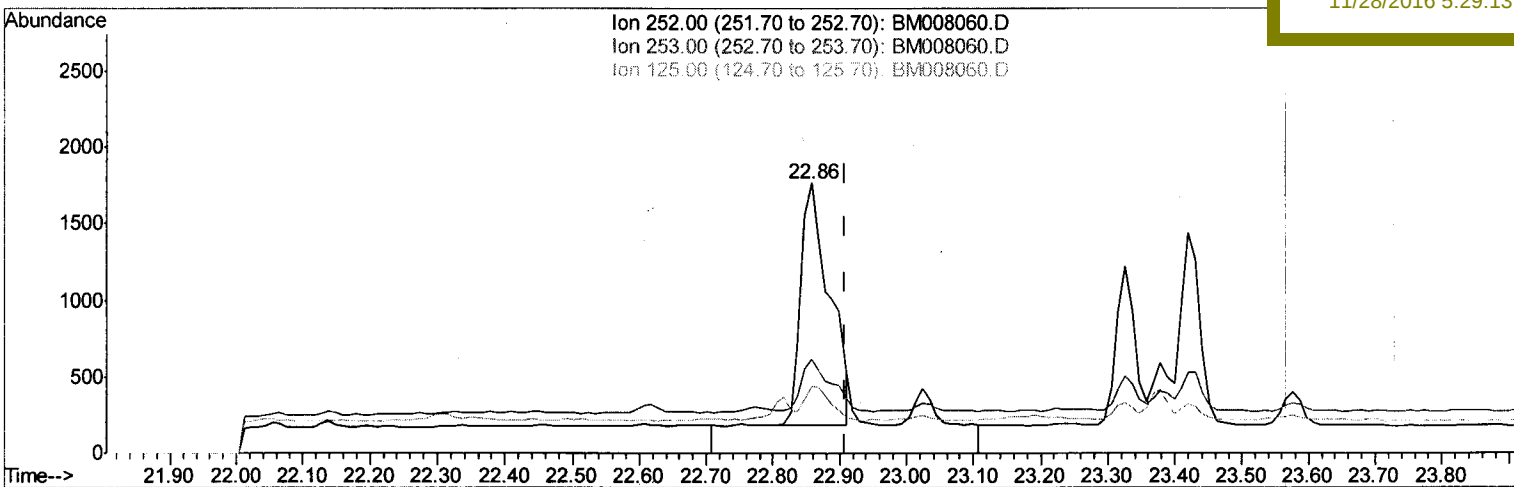
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TIC: BM008060.D

(22) Benzo(k)fluoranthene
 22.857min (-0.052) 0.01ng/ul
 response 4763

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.03
125.00	17.10	24.96#
0.00	0.00	0.00

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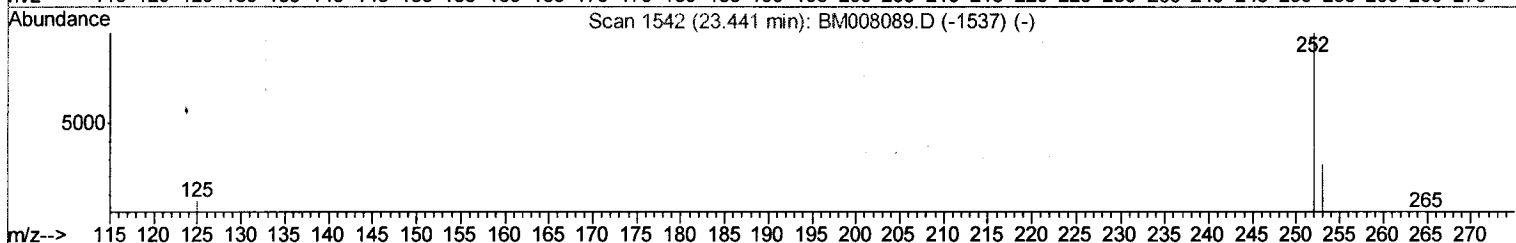
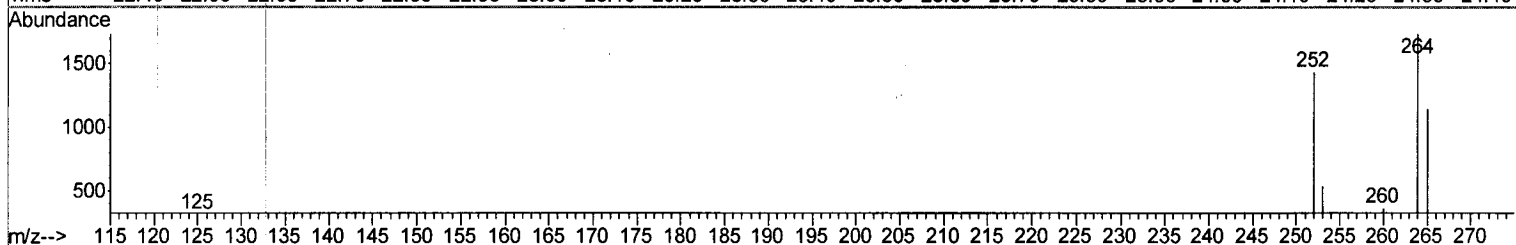
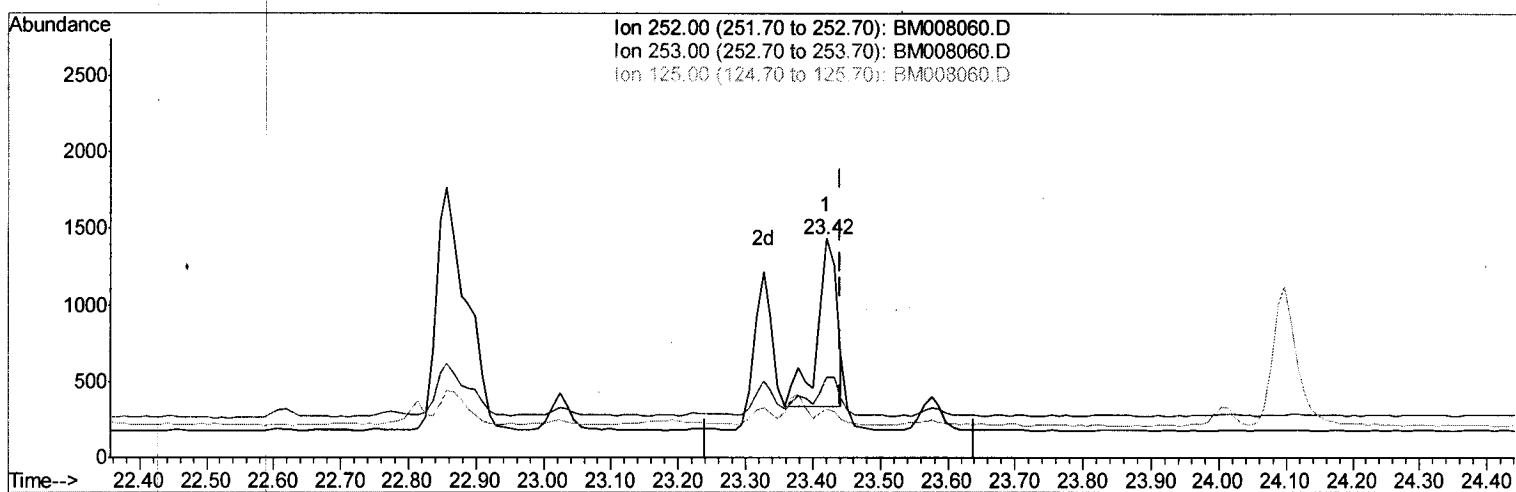
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(23) Benzo(a)pyrene (C)

23.420min (-0.021) 0.00ng/ul

response 2266

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	37.09
125.00	22.60	22.55
0.00	0.00	0.00

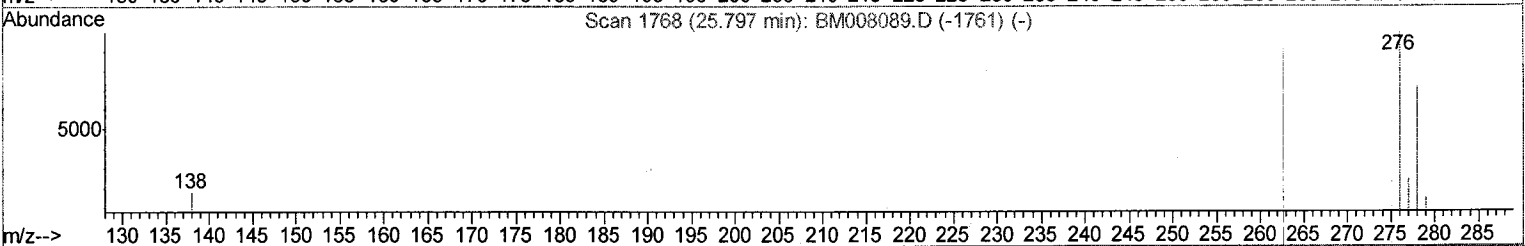
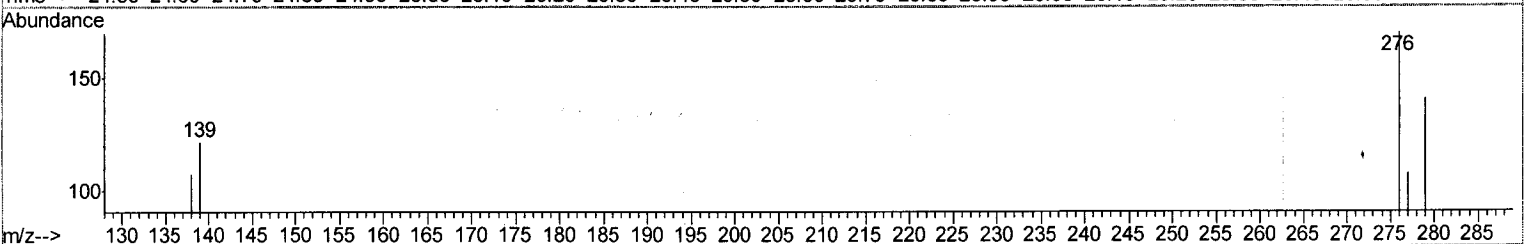
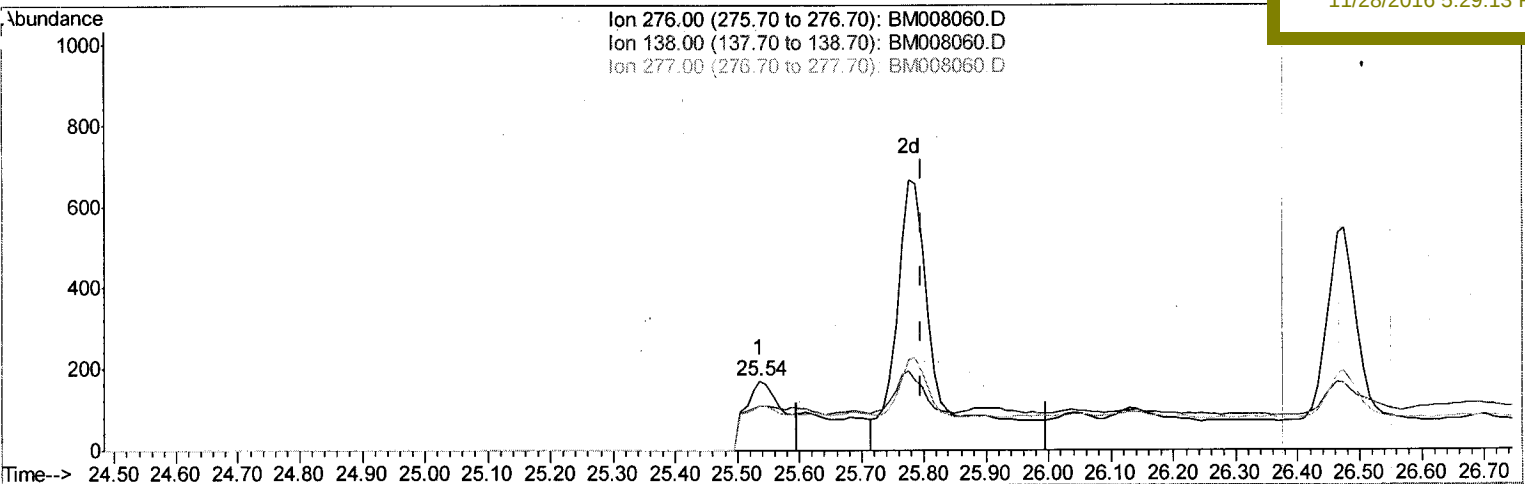
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TIC: BM008060.D

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

25.536min (-0.261) 0.00ng/ul

response 1305

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	103.98#
277.00	24.50	96.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

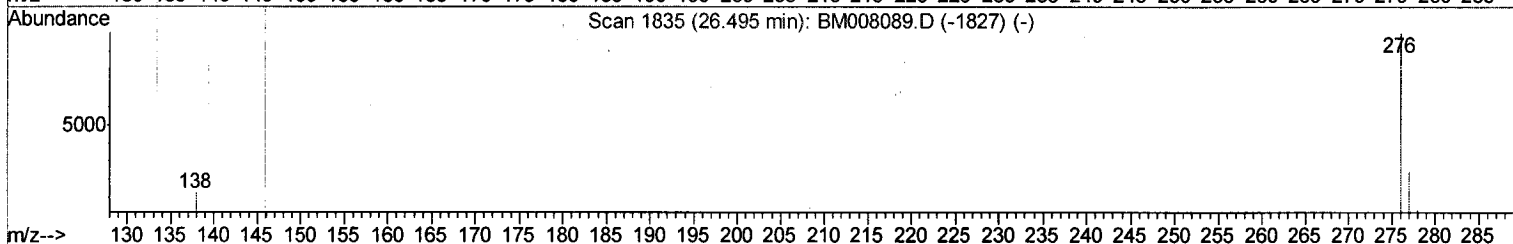
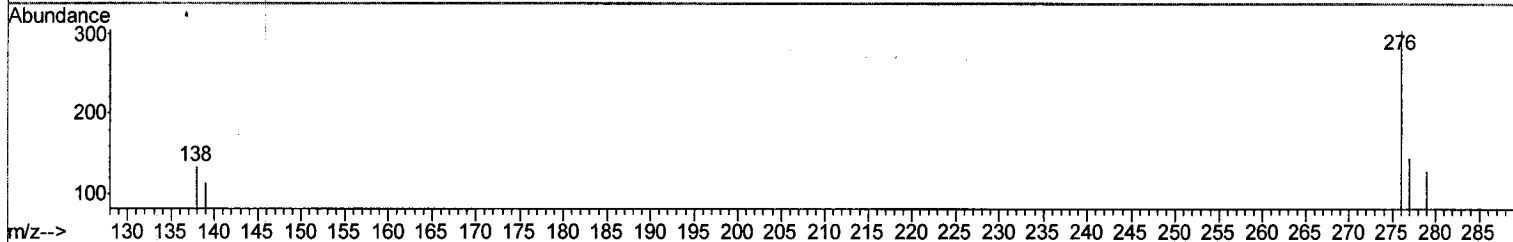
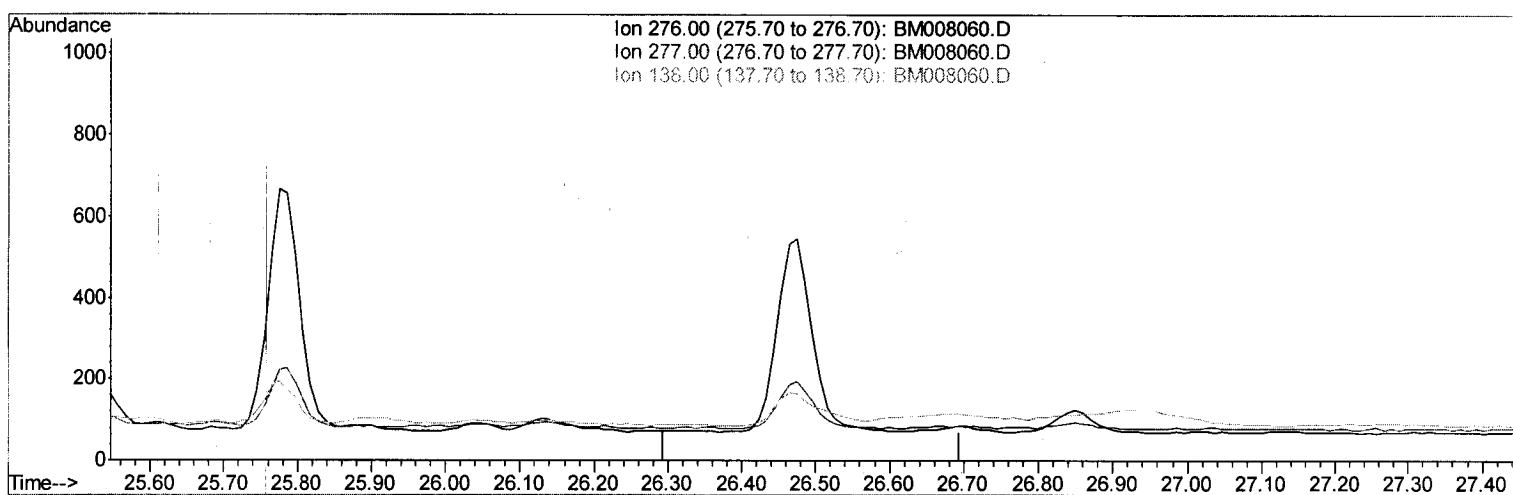
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008060.D
 Acq On : 24 Nov 2016 06:45
 Operator : UM/SJ
 Sample : H5701-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WF4

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:29:13 PM

Quant Time: Nov 29 06:33:31 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 29 00:11:14 2016
 Response via : Initial Calibration



TIC: BM008060.D

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

26.495min (-26.495) 0.00ng/ul

response 0

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008060.D
 Acq On : 24 Nov 2016 06:45
 Operator : UM/SJ
 Sample : H5701-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 A4WF4

Manual Integrations
 APPROVED

Umangi
 11/28/2016 5:29:13 PM

Quant Time: Nov 28 02:05:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	814	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.49	136	2872	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1724	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	3448m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3196	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	2470m	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	1145	0.28	ng/ul	-0.03
14) Fluoranthene-d10	19.13	212	2554	0.26	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.06	152	458	0.06	ng/ul#	76
8) Acenaphthene	14.40	153	151	0.03	ng/ul#	89
9) Fluorene	15.39	166	191	0.03	ng/ul#	72
12) Phenanthrene	17.12	178	5248	0.49	ng/ul	97
15) Fluoranthene	19.16	202	6427	0.46	ng/ul	96
17) Pyrene	19.52	202	9105	0.82	ng/ul	98
18) Benzo(a)anthracene	21.27	228	2244	0.23	ng/ul	92
19) Chrysene	21.33	228	3304	0.27	ng/ul	94
21) Benzo(b)fluoranthene	22.86	252	3642m	0.37	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	1374m	0.14	ng/ul	
23) Benzo(a)pyrene	23.42	252	2350m	0.25	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	1780m	0.16	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	1549m	0.15	ng/ul	

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