

Quantitation Report (QT Reviewed)

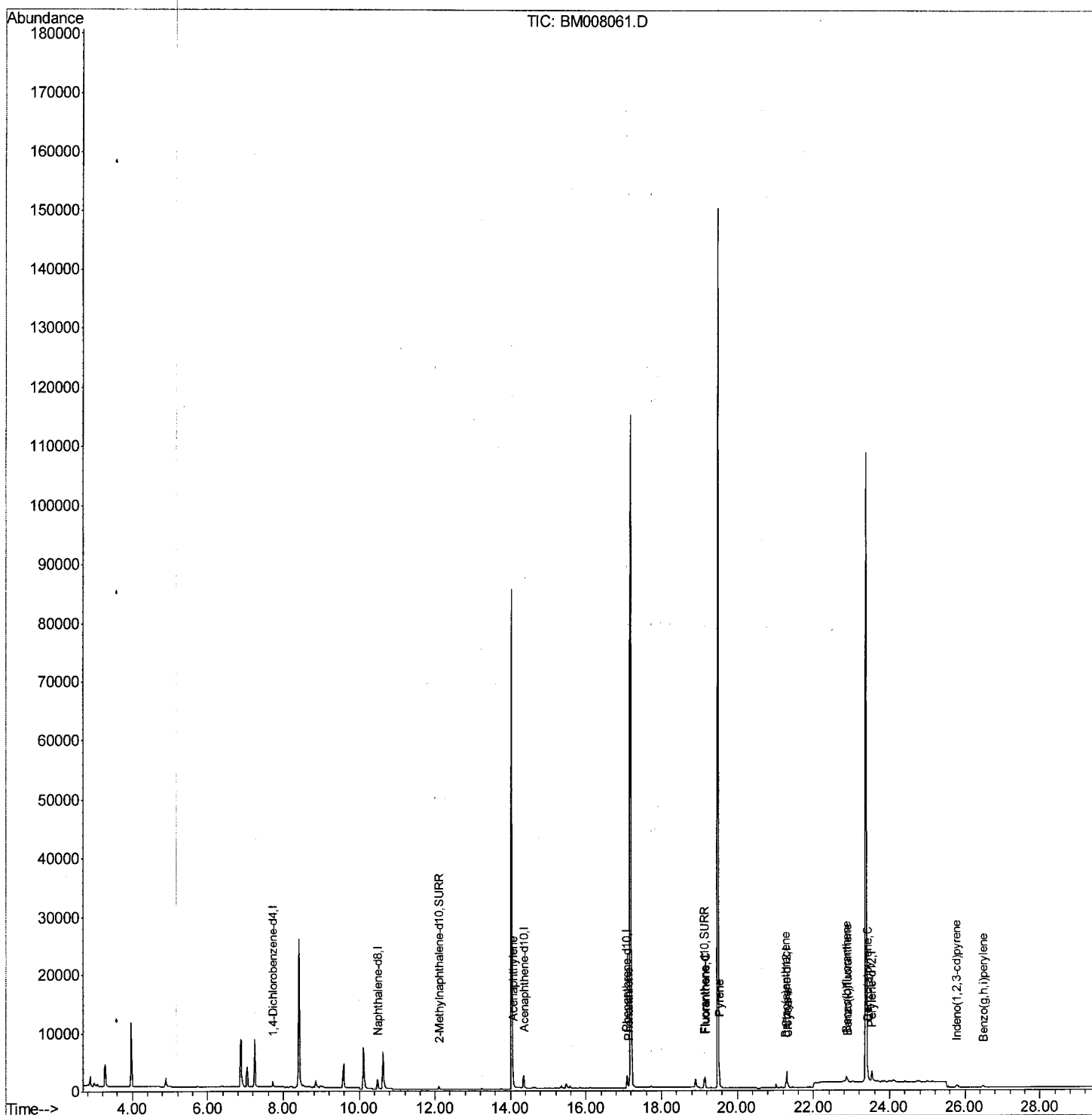
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008061.D
 Acq On : 24 Nov 2016 07:21
 Operator : UM/SJ
 Sample : H5701-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WF6

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 01:16:27 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)

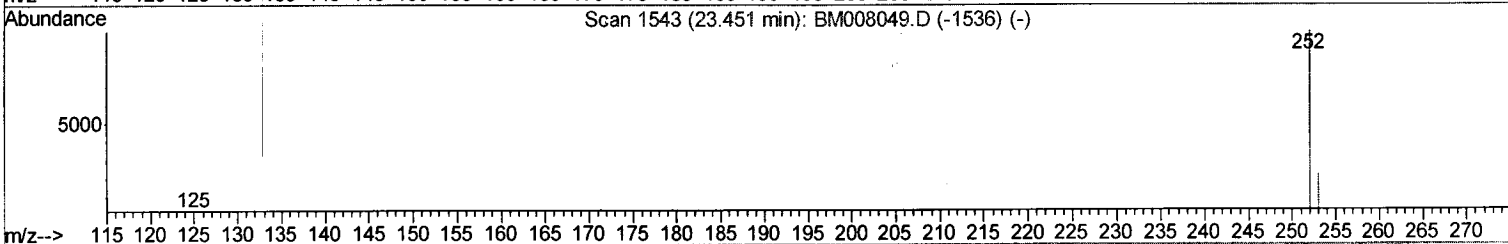
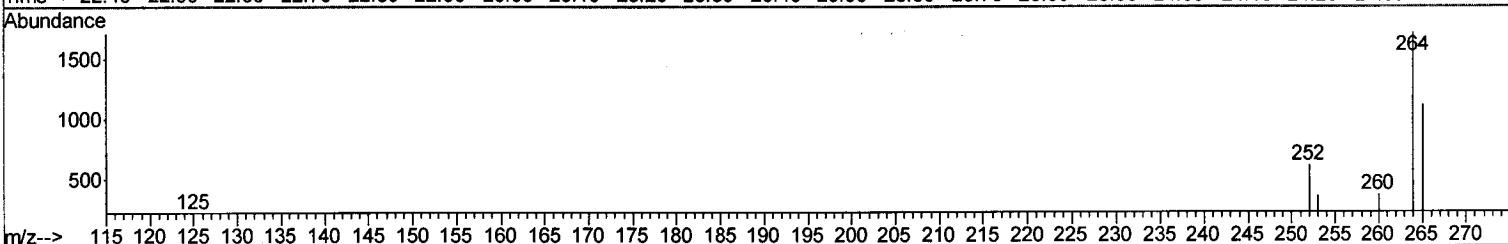
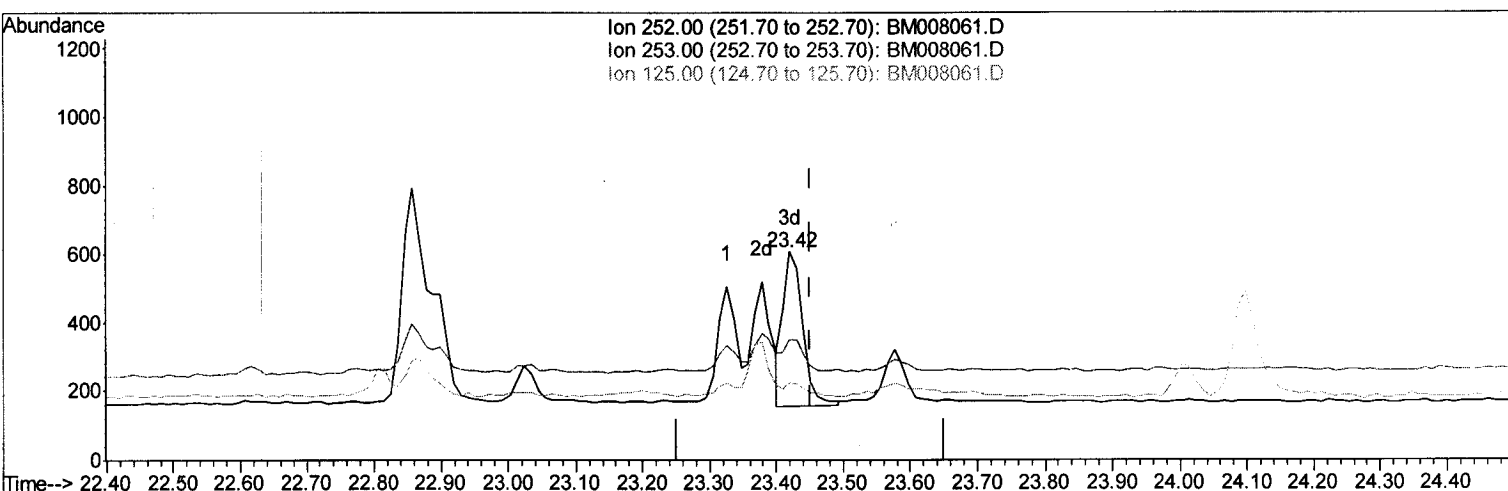
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Umangi
 11/28/2016 5:29:11 PM

Quant Time: Nov 25 01:14:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM008061.D

(23) Benzo(a)pyrene (C)

23.420min (-0.031) 0.12ng/ul m

response 926

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	57.73#
125.00	22.60	36.68#
0.00	0.00	0.00

5.7
 11/29/16

Quantitation Report (Qedit)

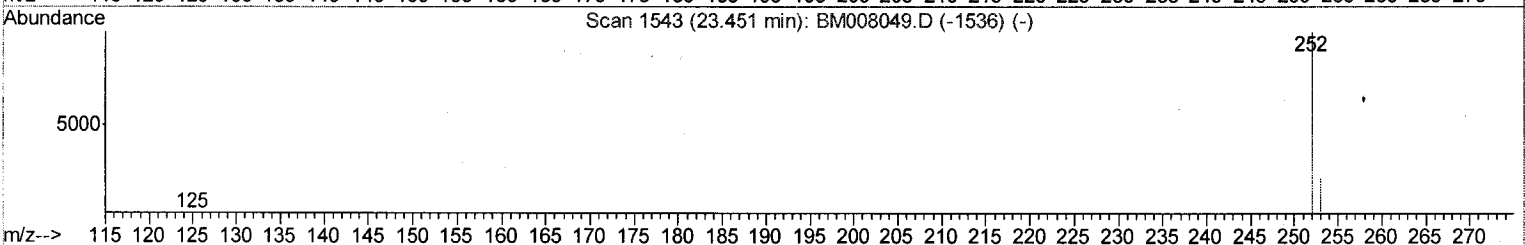
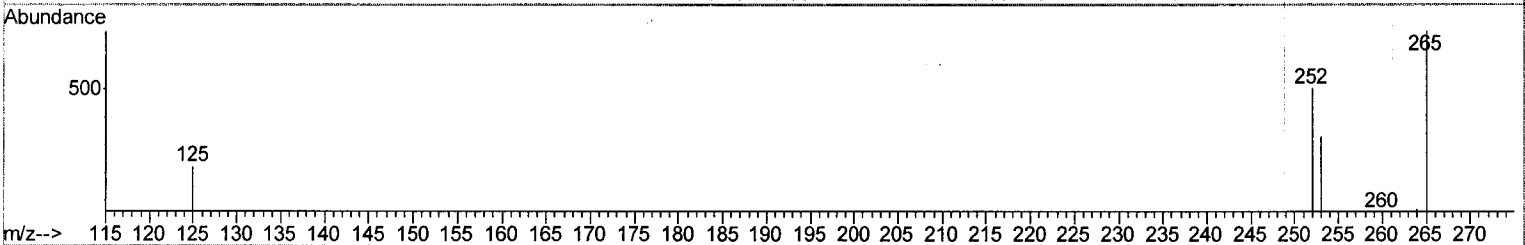
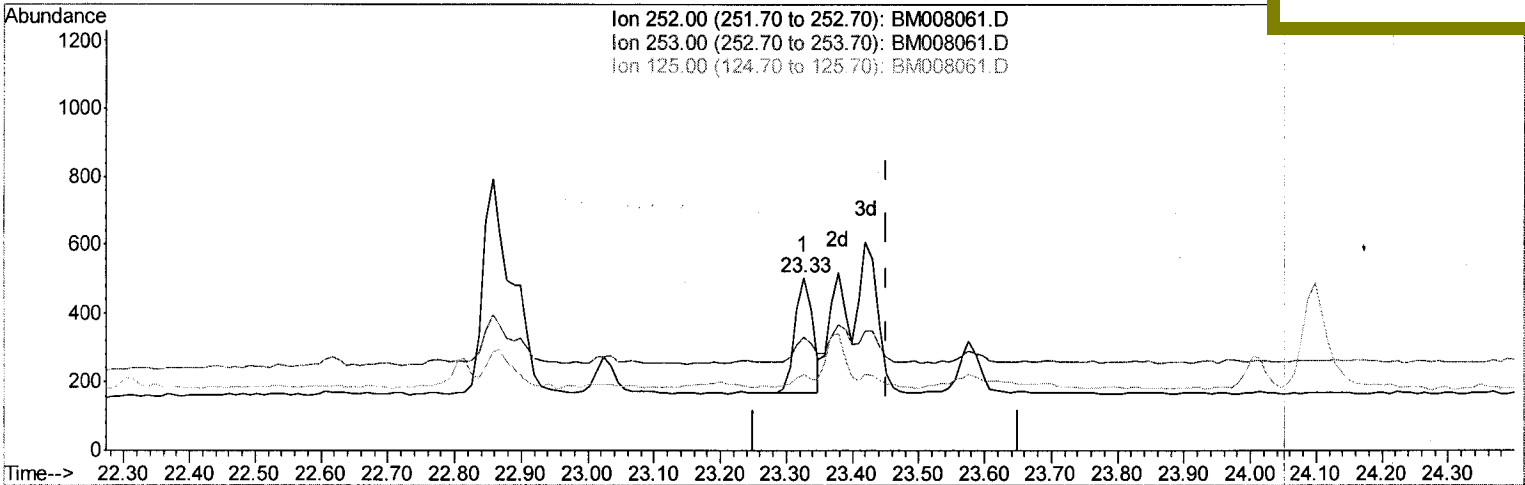
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TIC: BM008061.D

(23) Benzo(a)pyrene (C)
 23.326min (-0.125) 0.08ng/ul
 response 633

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	65.74#
125.00	22.60	44.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

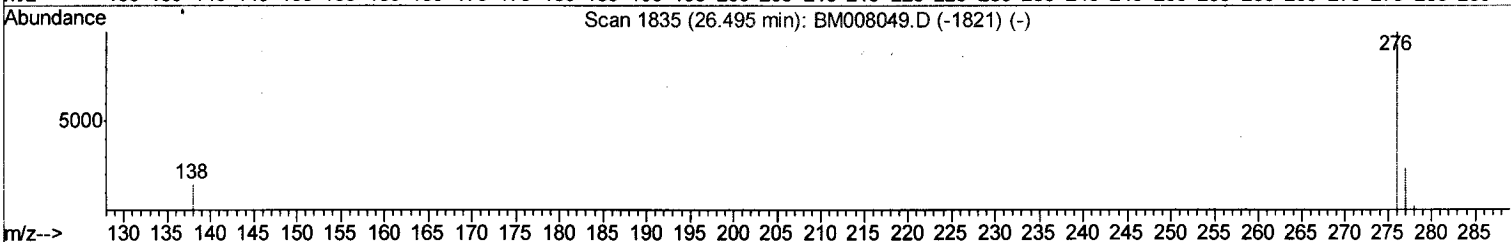
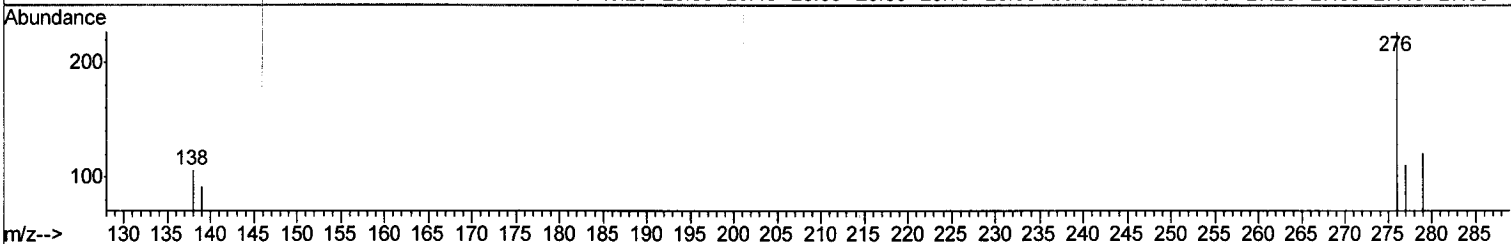
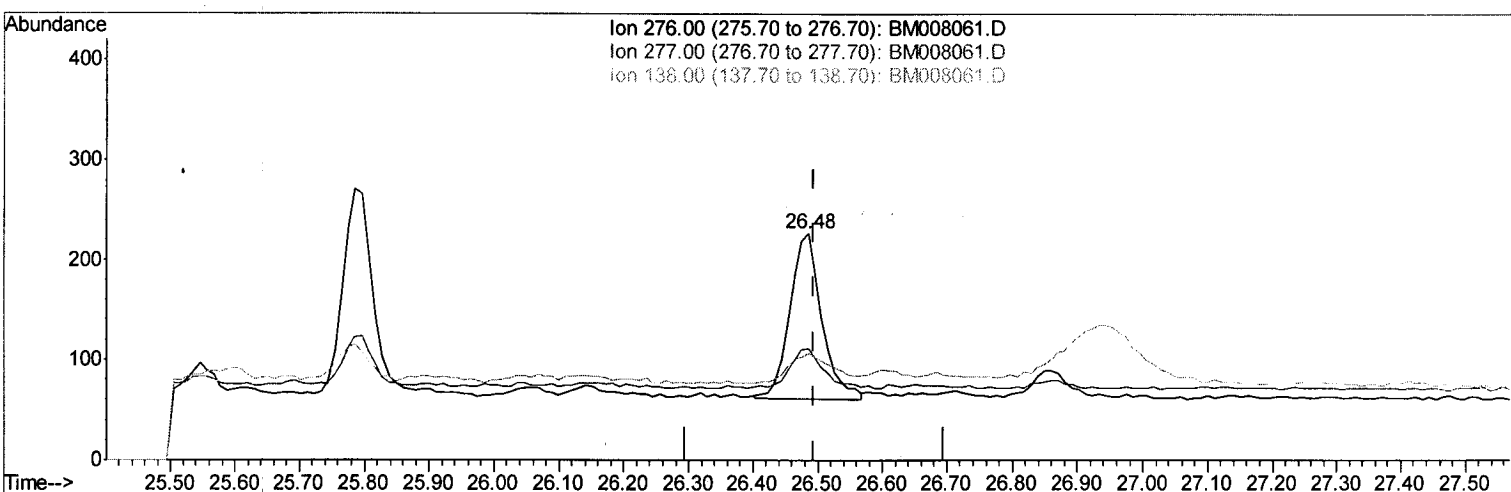
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TIC: BM008061.D

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

26.485min (-0.010) 0.07ng/ul m

response 571

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	48.90#
138.00	25.60	46.70#
0.00	0.00	0.00

S.J.
 11/29/16

Quantitation Report (Qedit)

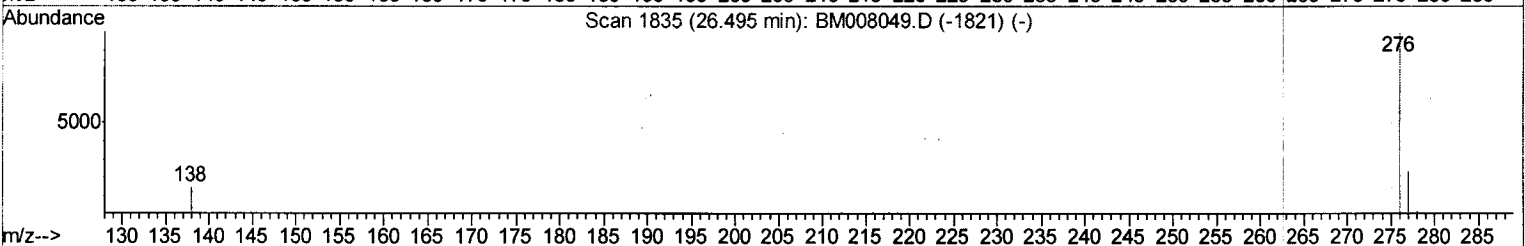
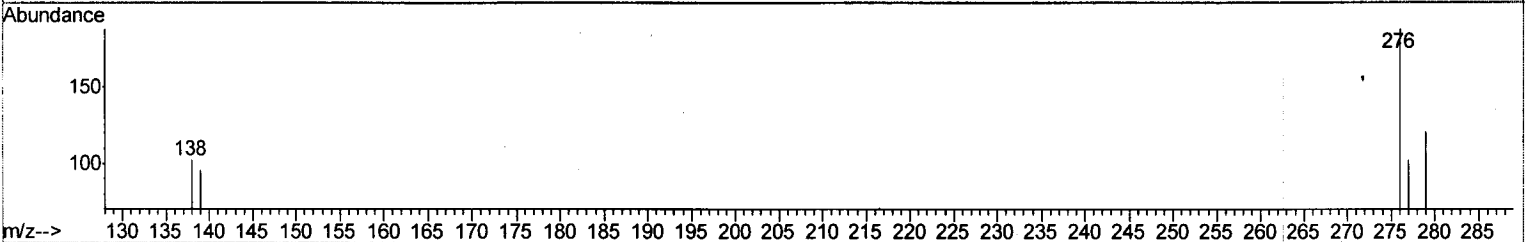
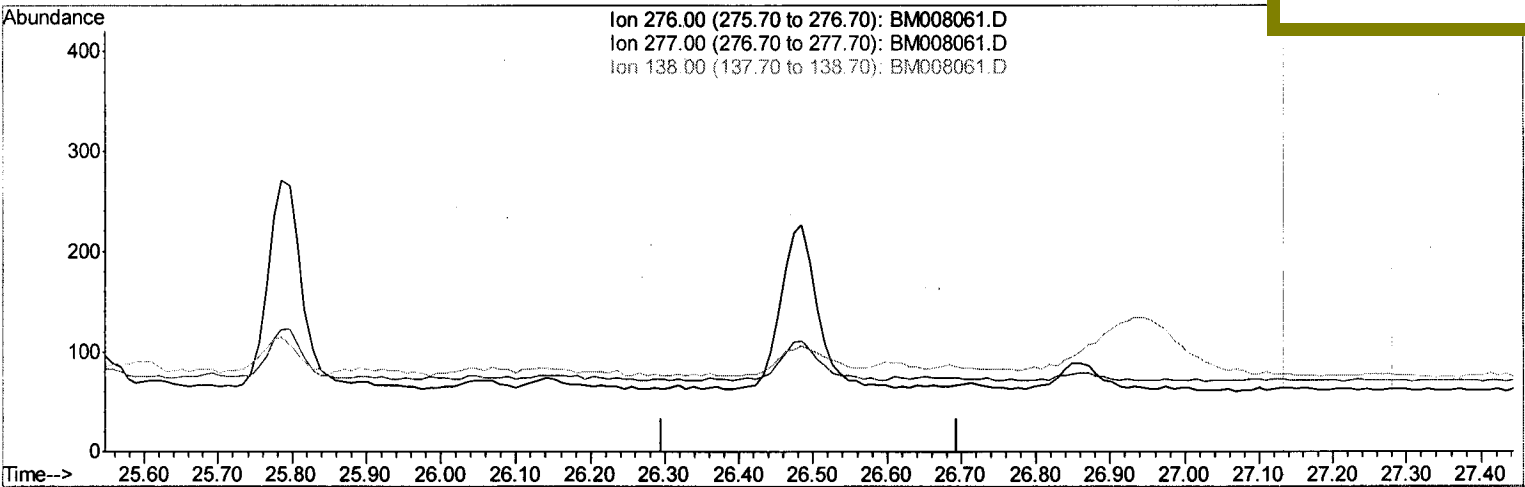
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TIC: BM008061.D

(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

Quantitation Report (Qedit)

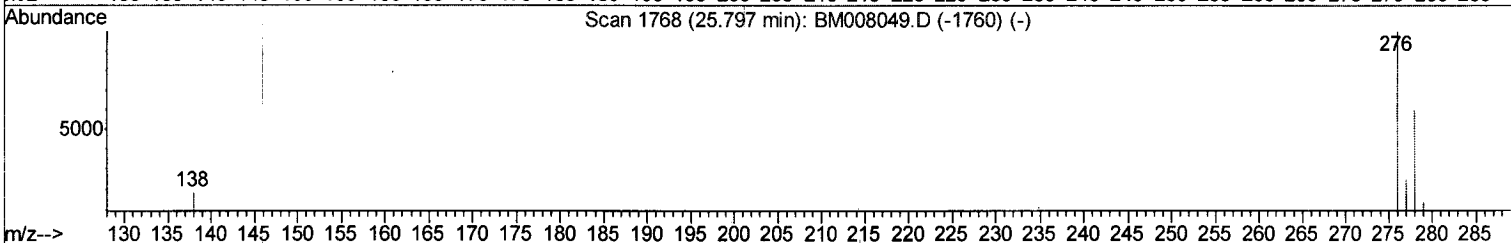
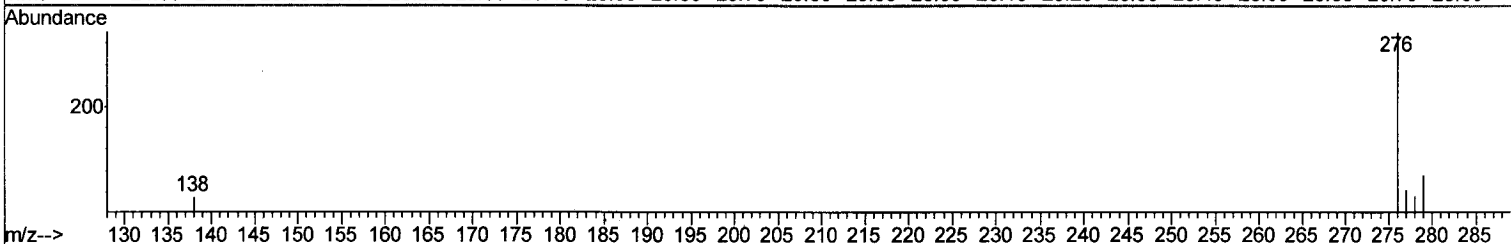
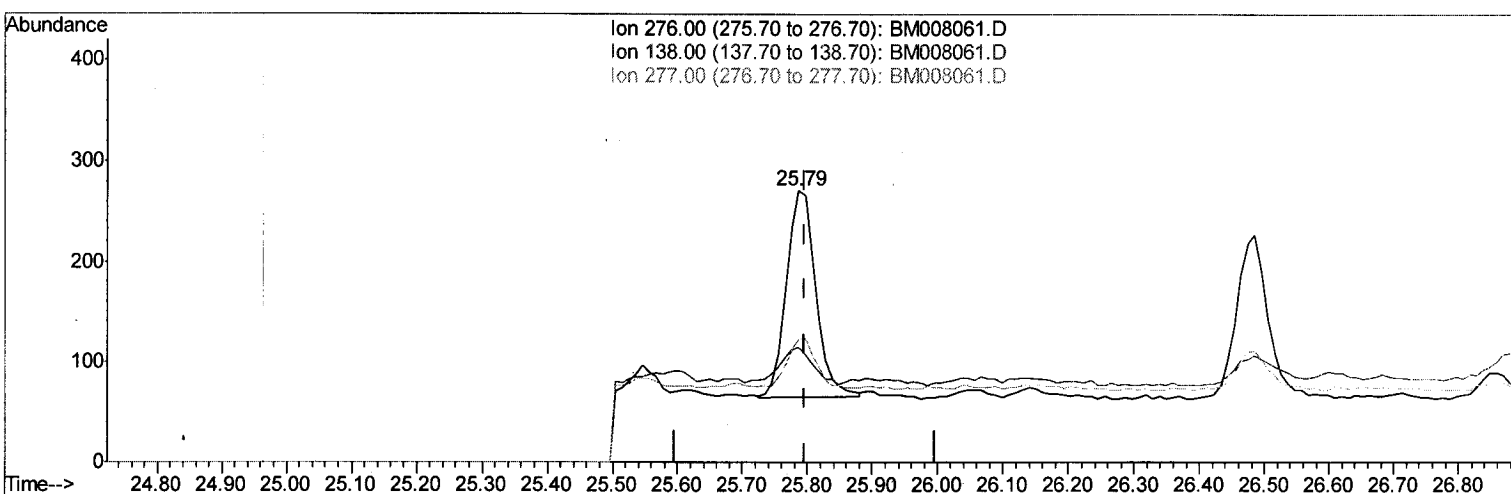
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Instrument :
 BNA M
 ClientSampleId :
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TIC: BM008061.D

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

25.786min (-0.010) 0.07ng/ul m

response 658

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	175.23#
0.00	0.00	0.00

S. J.
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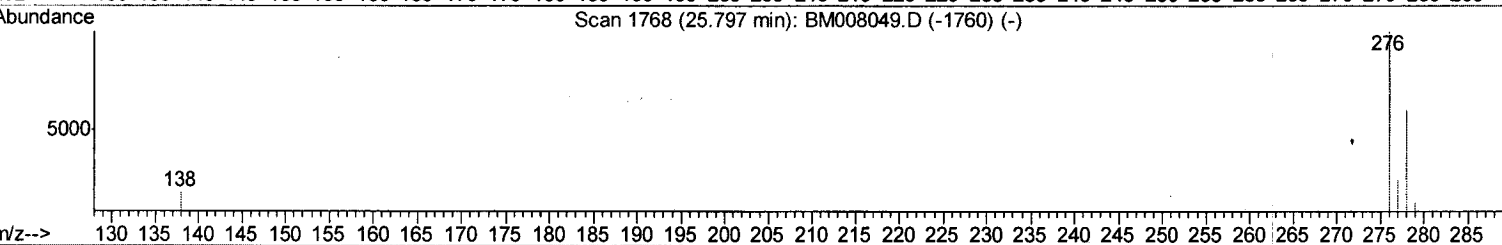
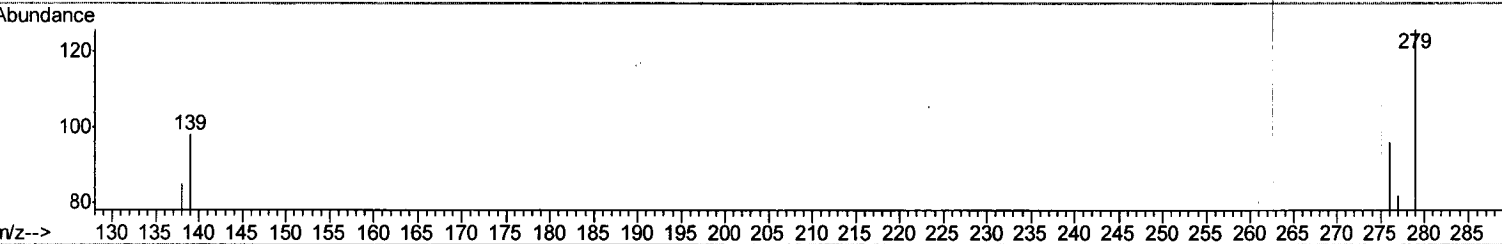
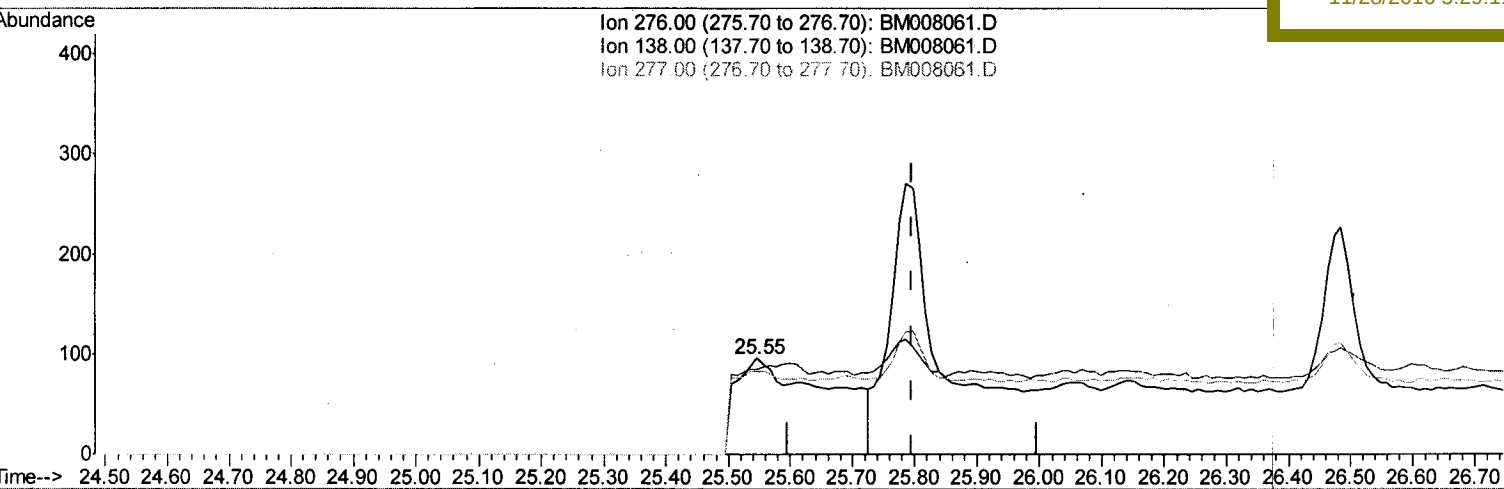
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Operator : UM/SJ
Sample : H5701-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WF6

Manual Integrations
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TIC: BM008061.D

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

25.547min (-0.250) 0.10ng/ul

response 1003

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	114.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

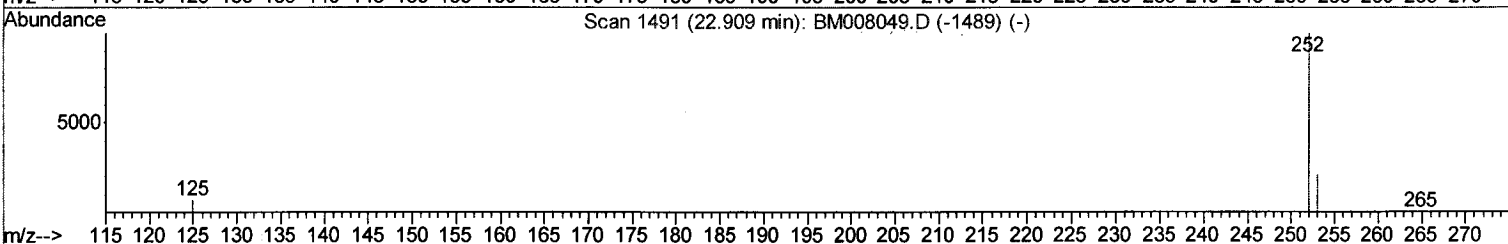
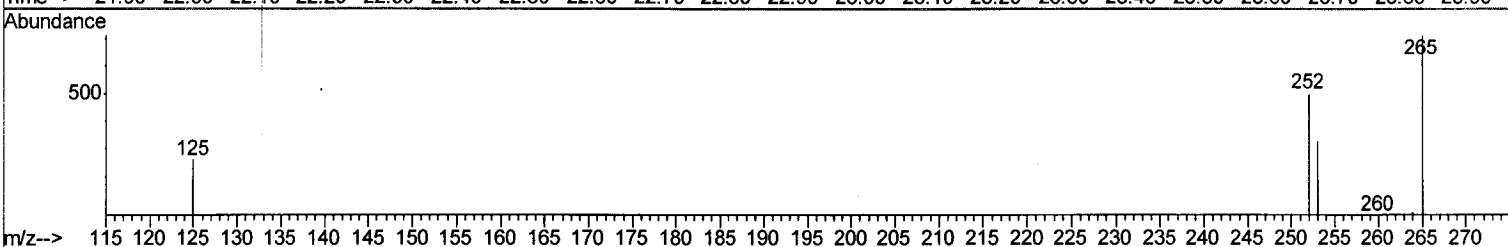
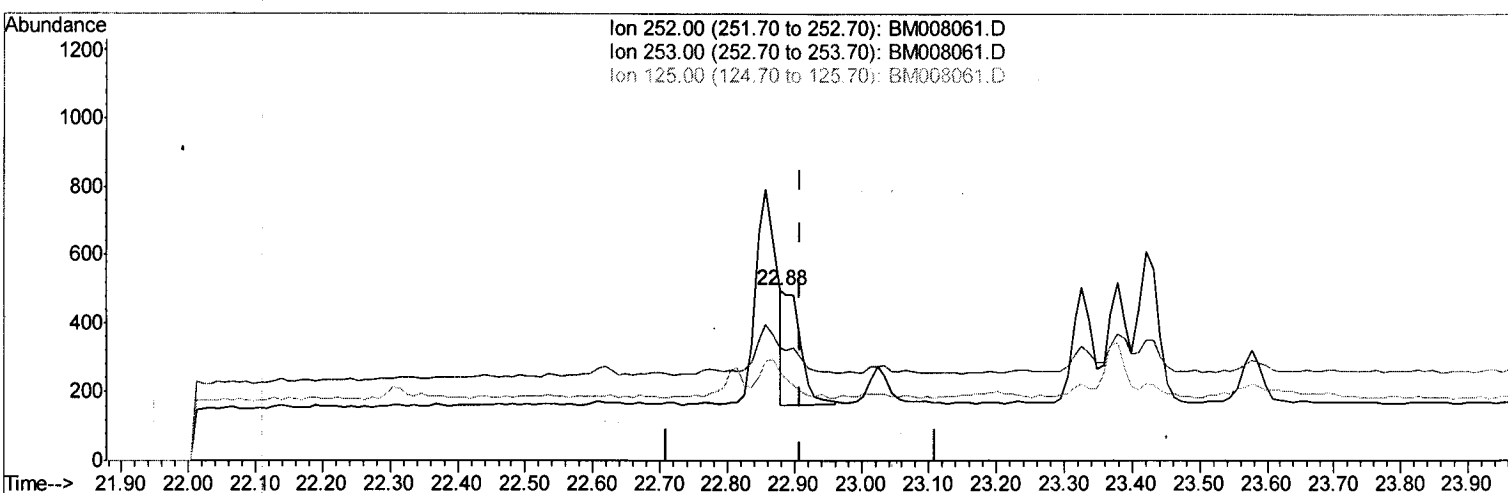
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 Sample : H5701-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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TIC: BM008061.D

(22) Benzo(k)fluoranthene

22.878min (-0.031) 0.07ng/ul m

response 575

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	65.86#
125.00	17.10	52.21#
0.00	0.00	0.00

S.J.
 11/29/16

Quantitation Report (Qedit)

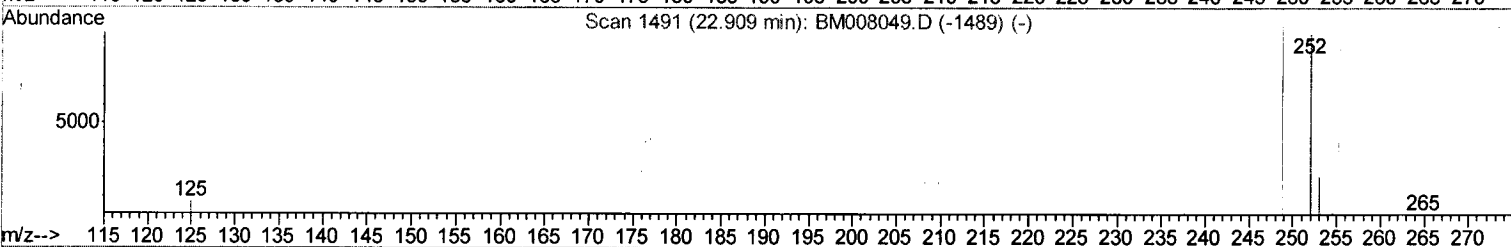
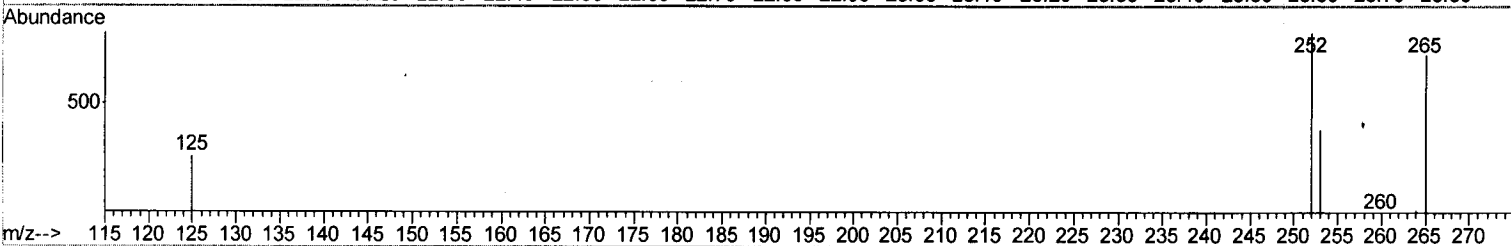
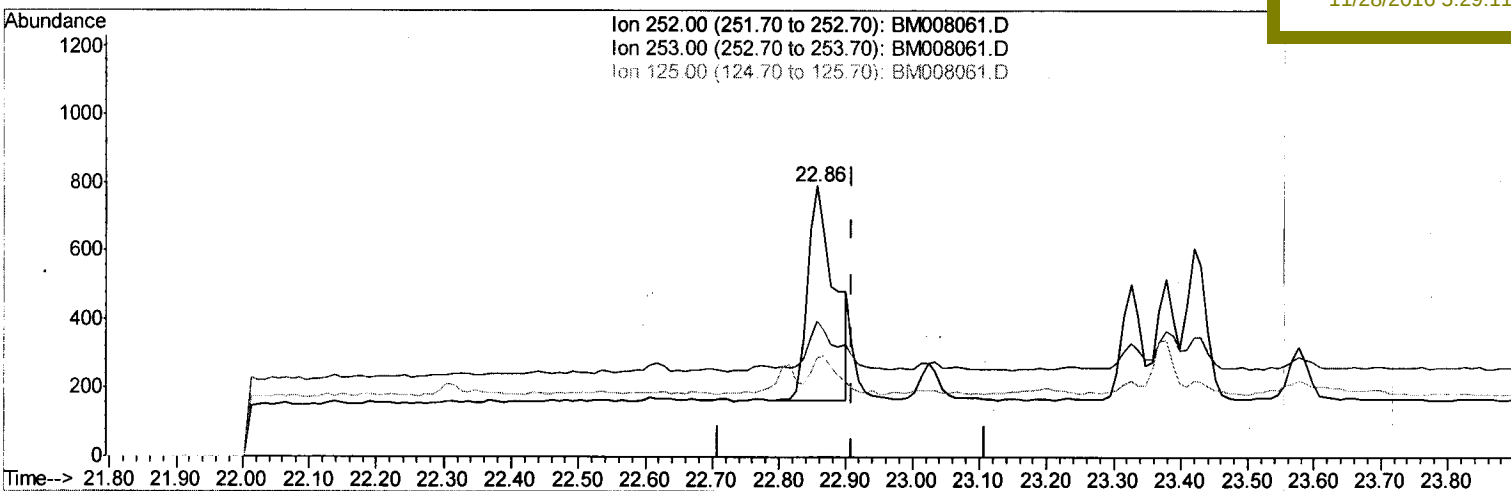
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008061.D
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 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
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Manual Integrations
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TIC: BM008061.D

(22) Benzo(k)fluoranthene

22.857min (-0.052) 0.20ng/ul

response 1733

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	50.13#
125.00	17.10	36.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

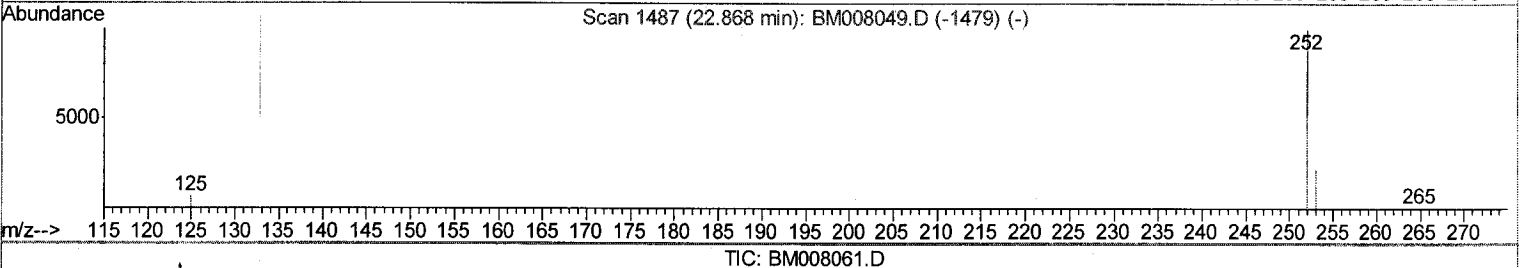
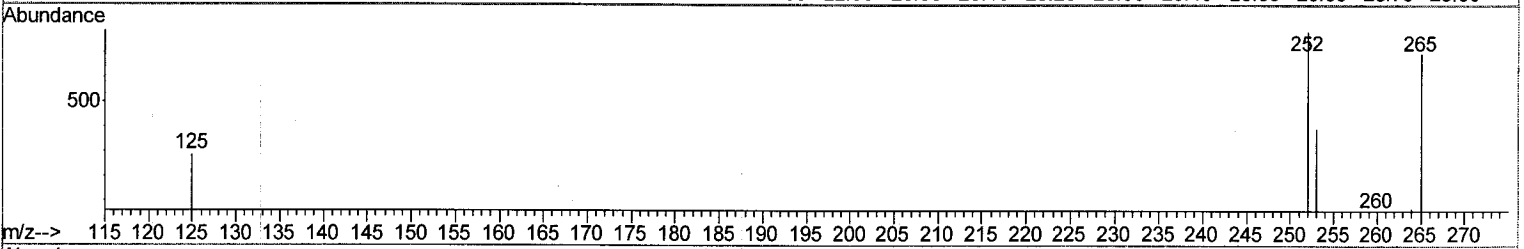
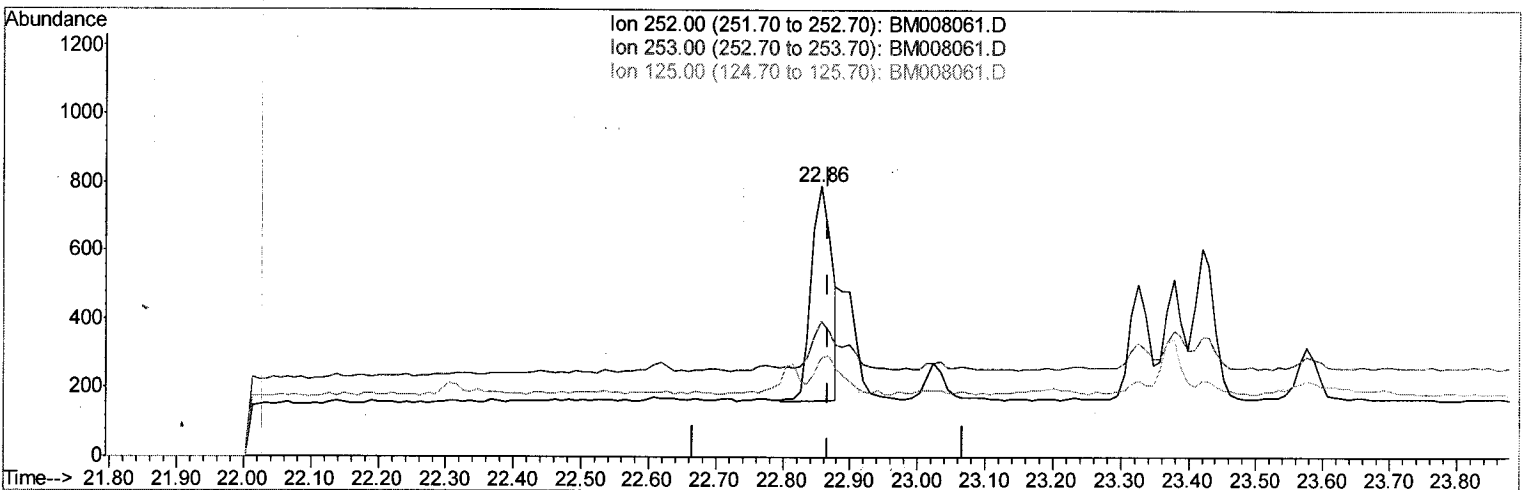
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 Operator : UM/SJ
 Sample : H5701-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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 11/28/2016 5:29:11 PM

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(21) Benzo(b)fluoranthene

22.857min (-0.010) 0.16ng/ul m

response 1352

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	50.13
125.00	17.50	36.49#
0.00	0.00	0.00

S. J.
 11/29/16

Quantitation Report (Qedit)

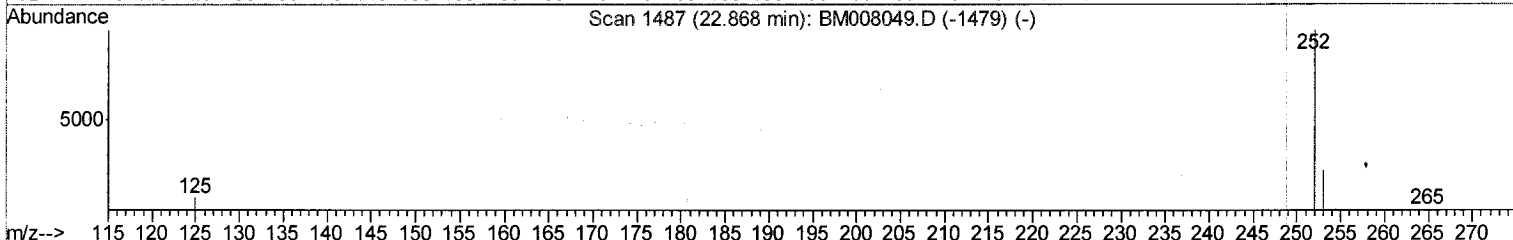
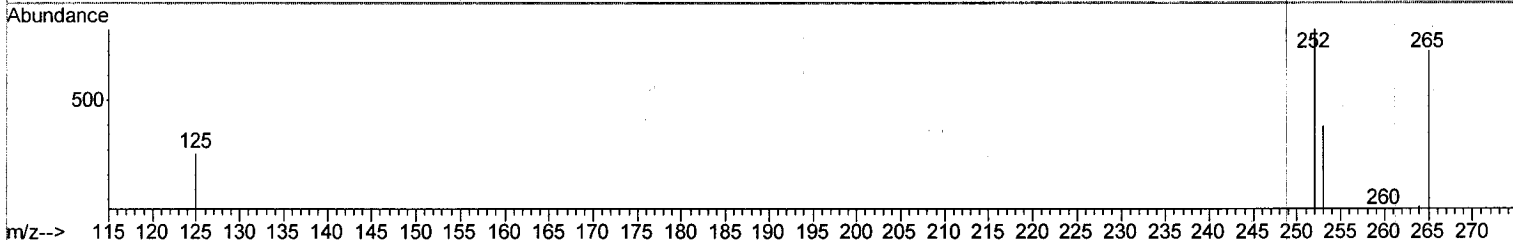
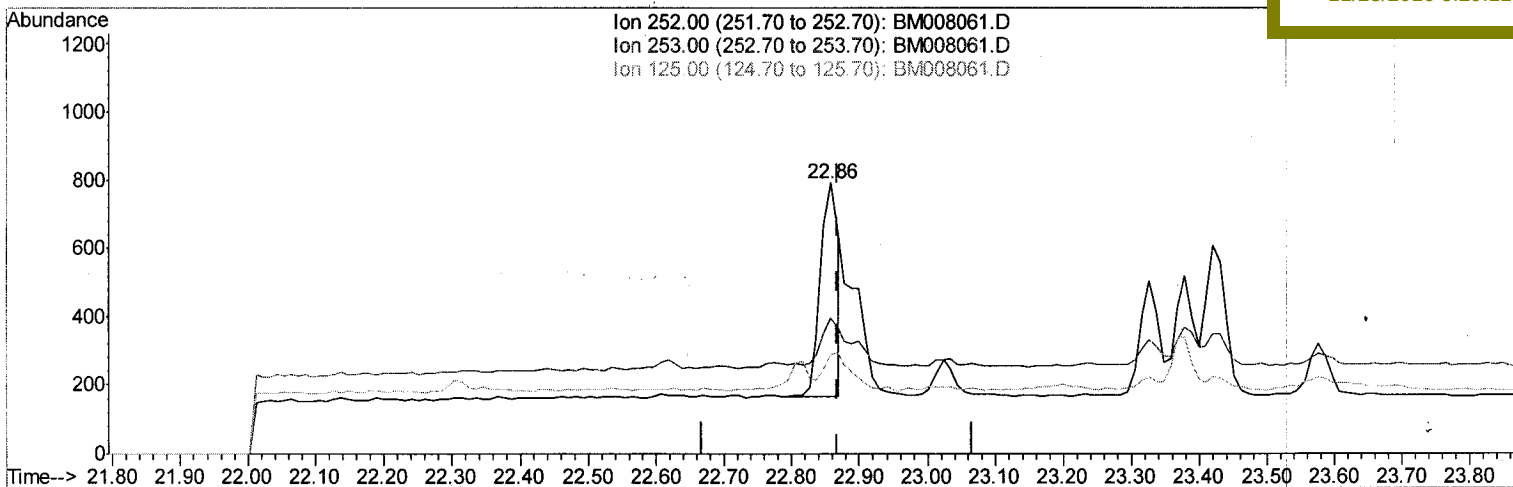
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 Sample : H5701-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
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 11/28/2016 5:29:11 PM



TIC: BM008061.D

(21) Benzo(b)fluoranthene
 22.857min (-0.010) 0.14ng/ul
 response 1129

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	50.13
125.00	17.50	36.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

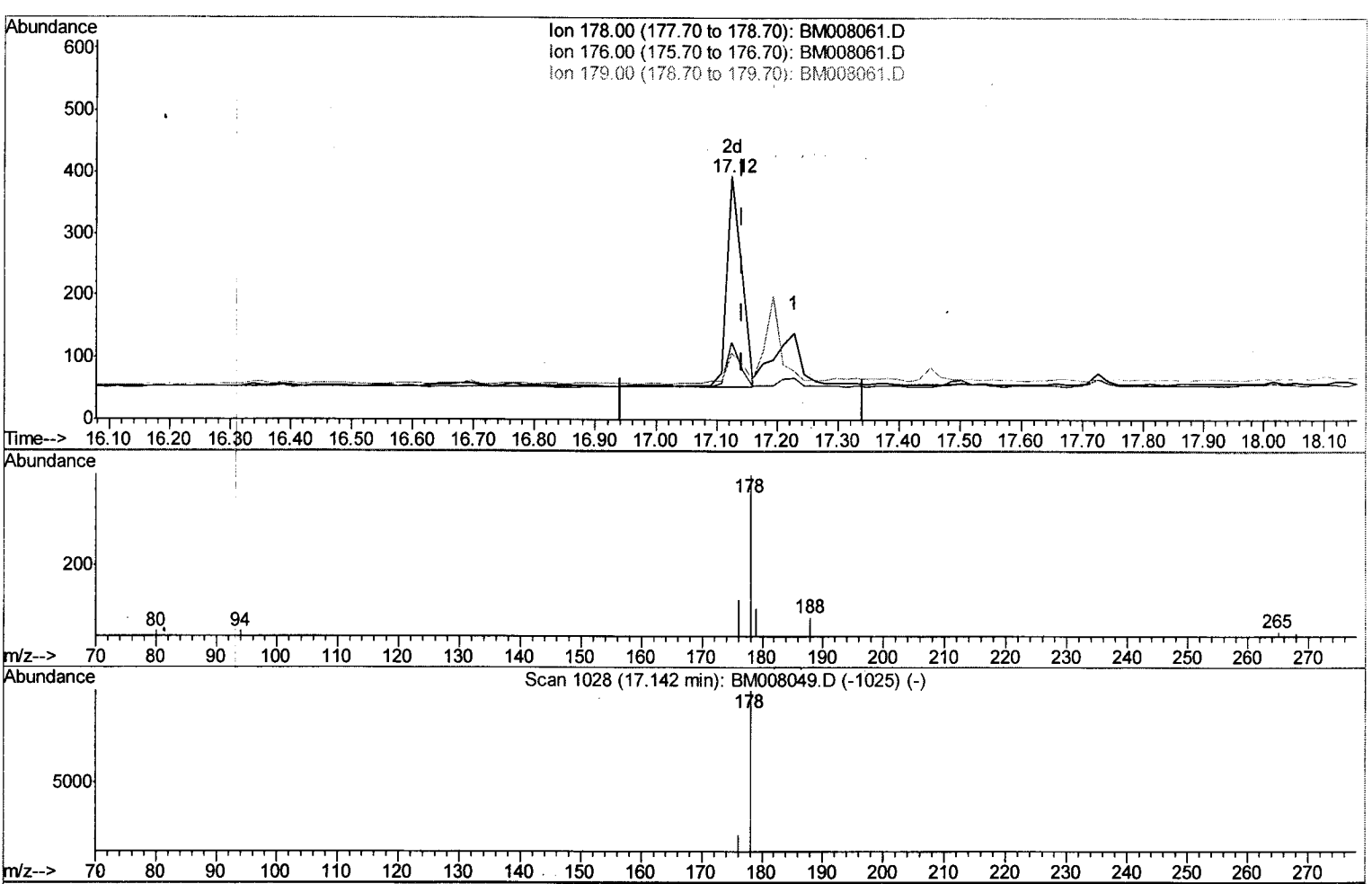
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(12) Phenanthrene

17.125min (-0.017) 0.06ng/ul m

response 567

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	31.73#
179.00	17.00	27.16#
0.00	0.00	0.00

S. J.
 11/29/16

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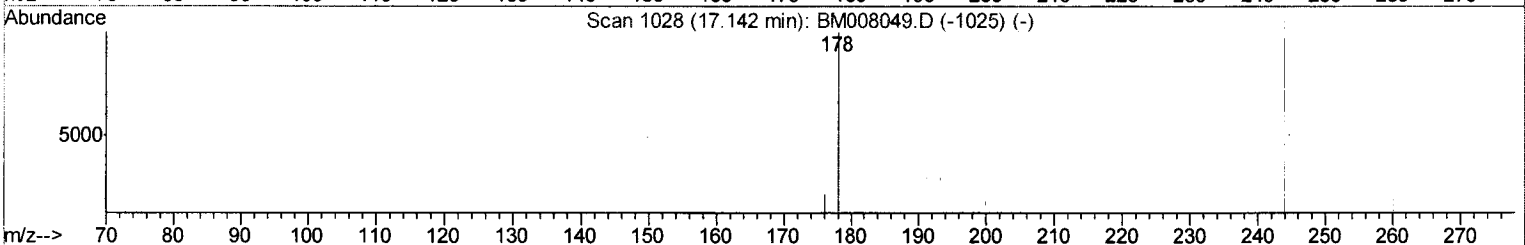
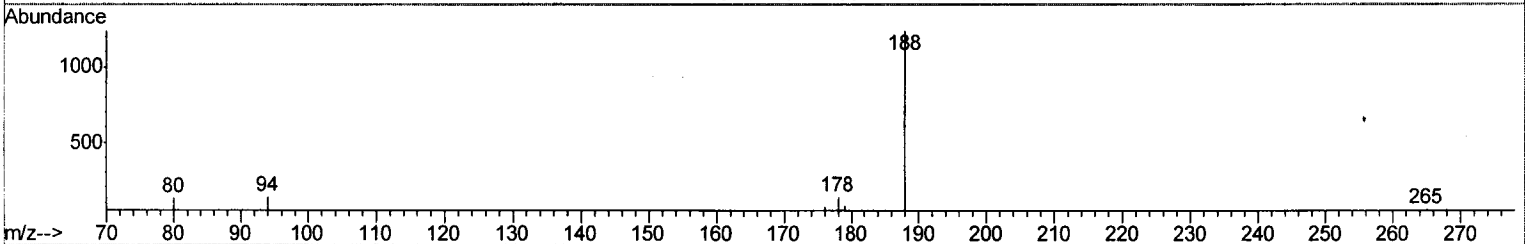
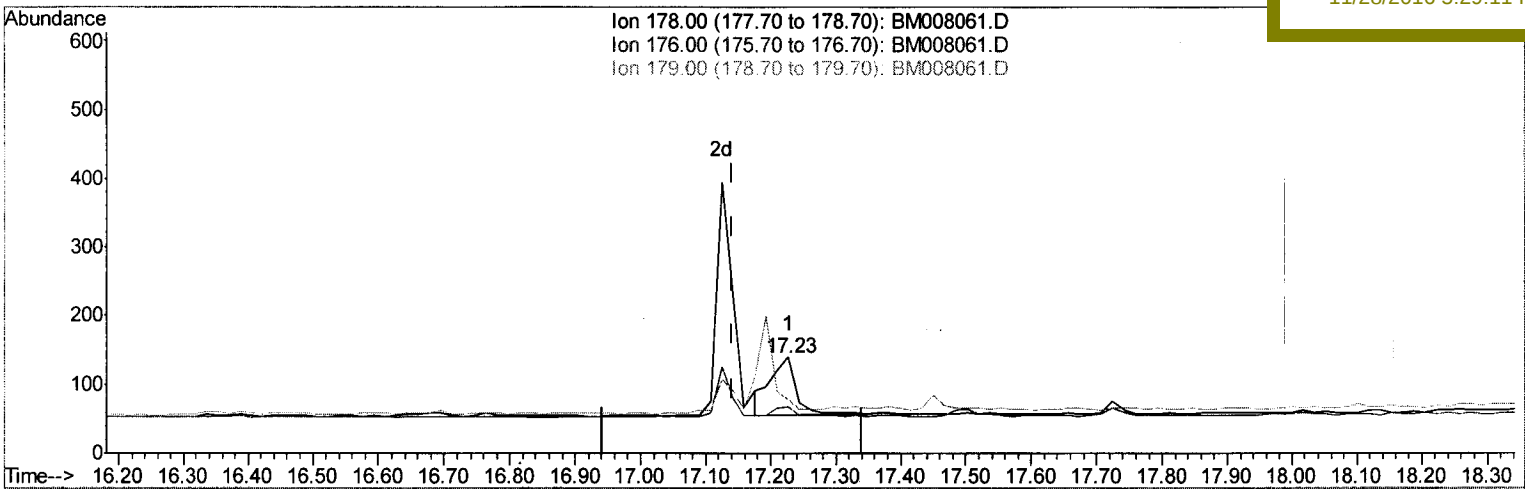
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TIC: BM008061.D

(12) Phenanthrene

17.228min (+0.086) 0.03ng/ul

response 224

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	49.64#
179.00	17.00	56.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

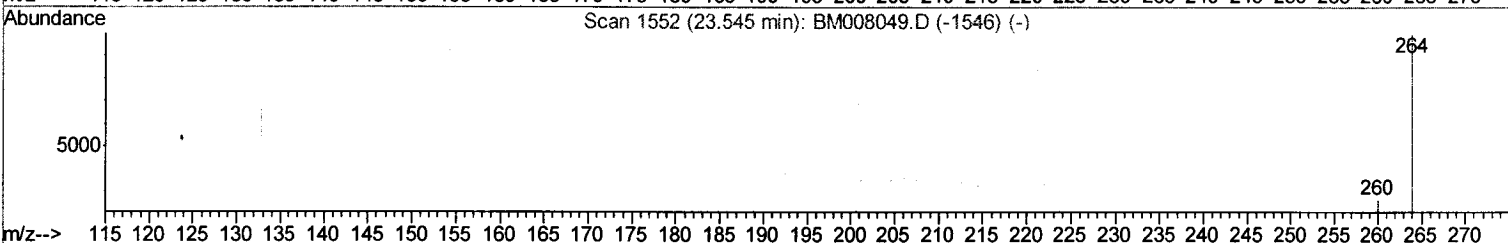
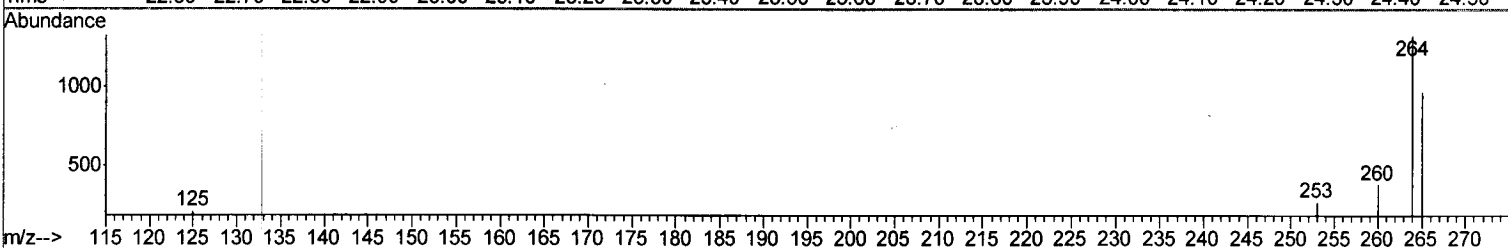
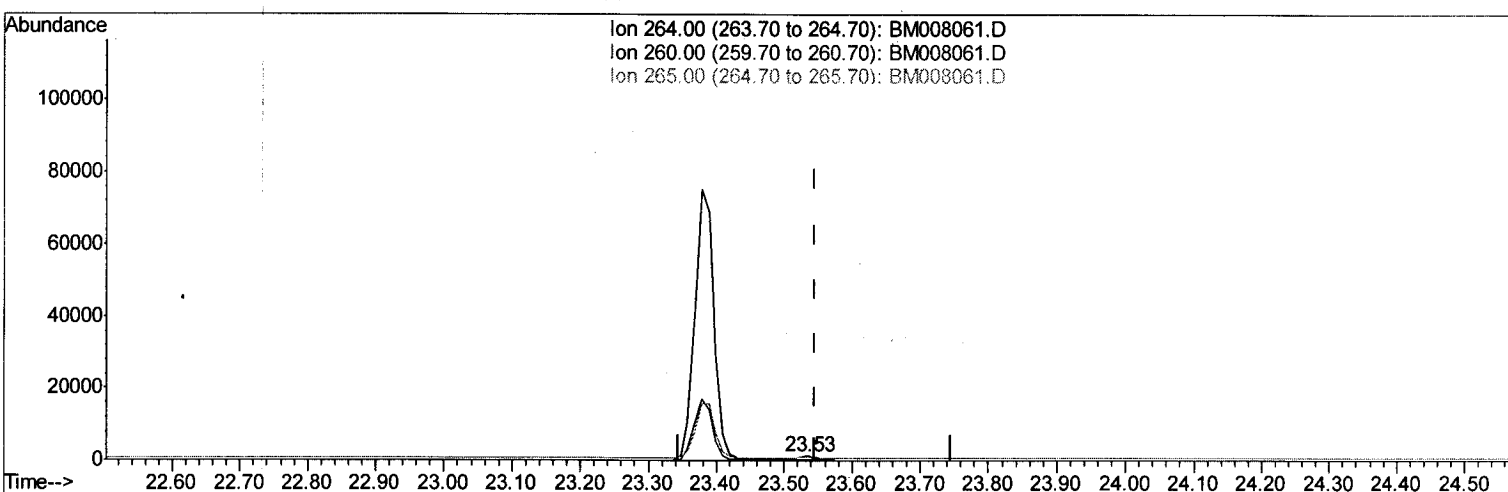
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TIC: BM008061.D

(20) Perylene-d12 (I)

23.535min (-0.010) 0.40ng/ul m

response 2095

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.41
265.00	103.50	73.40#
0.00	0.00	0.00

S.J.
 11/29/16

Quantitation Report (Qedit)

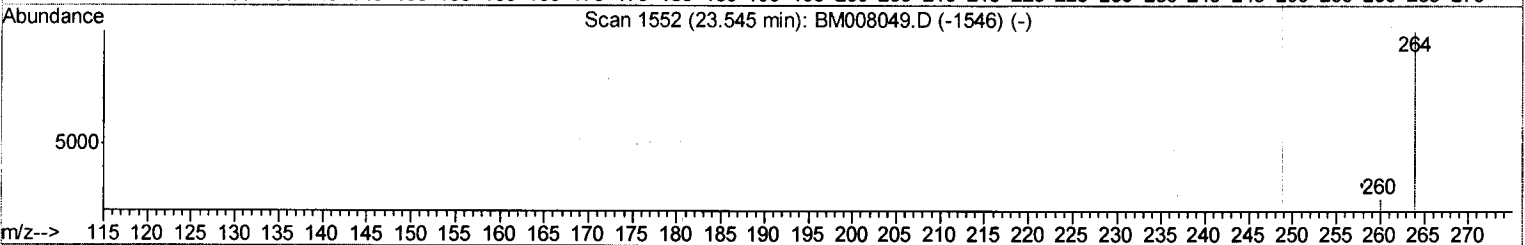
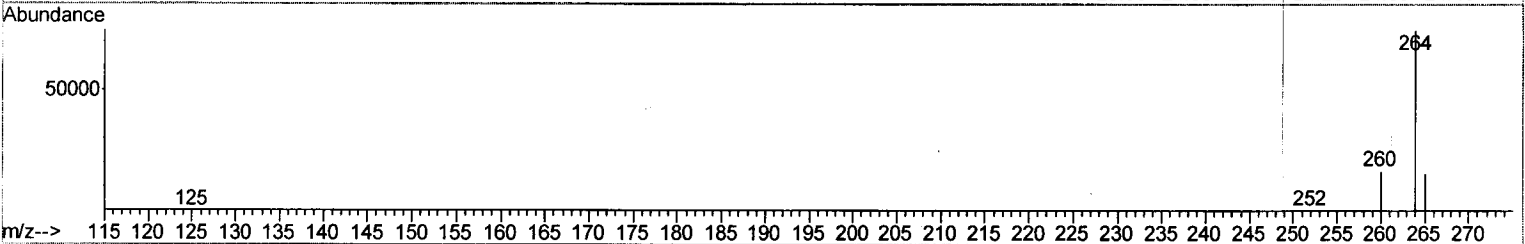
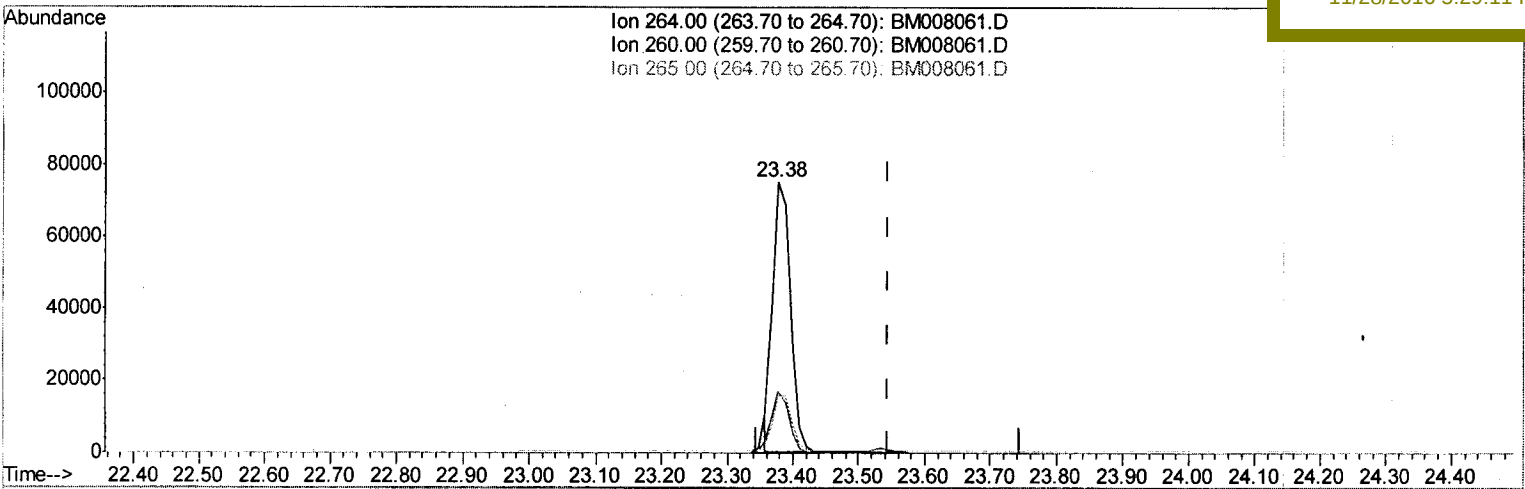
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008061.D
 Acq On : 24 Nov 2016 07:21
 Operator : UM/SJ
 Sample : H5701-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 25 00:23:26 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

Instrument :
 BNA_M
 ClientSampleId :
 A4WF6

Manual Integrations
 APPROVED

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



TIC: BM008061.D

(20) Perylene-d12 (I)
 23.378min (-0.167) 0.40ng/ul
 response 139053

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.59#
265.00	103.50	20.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

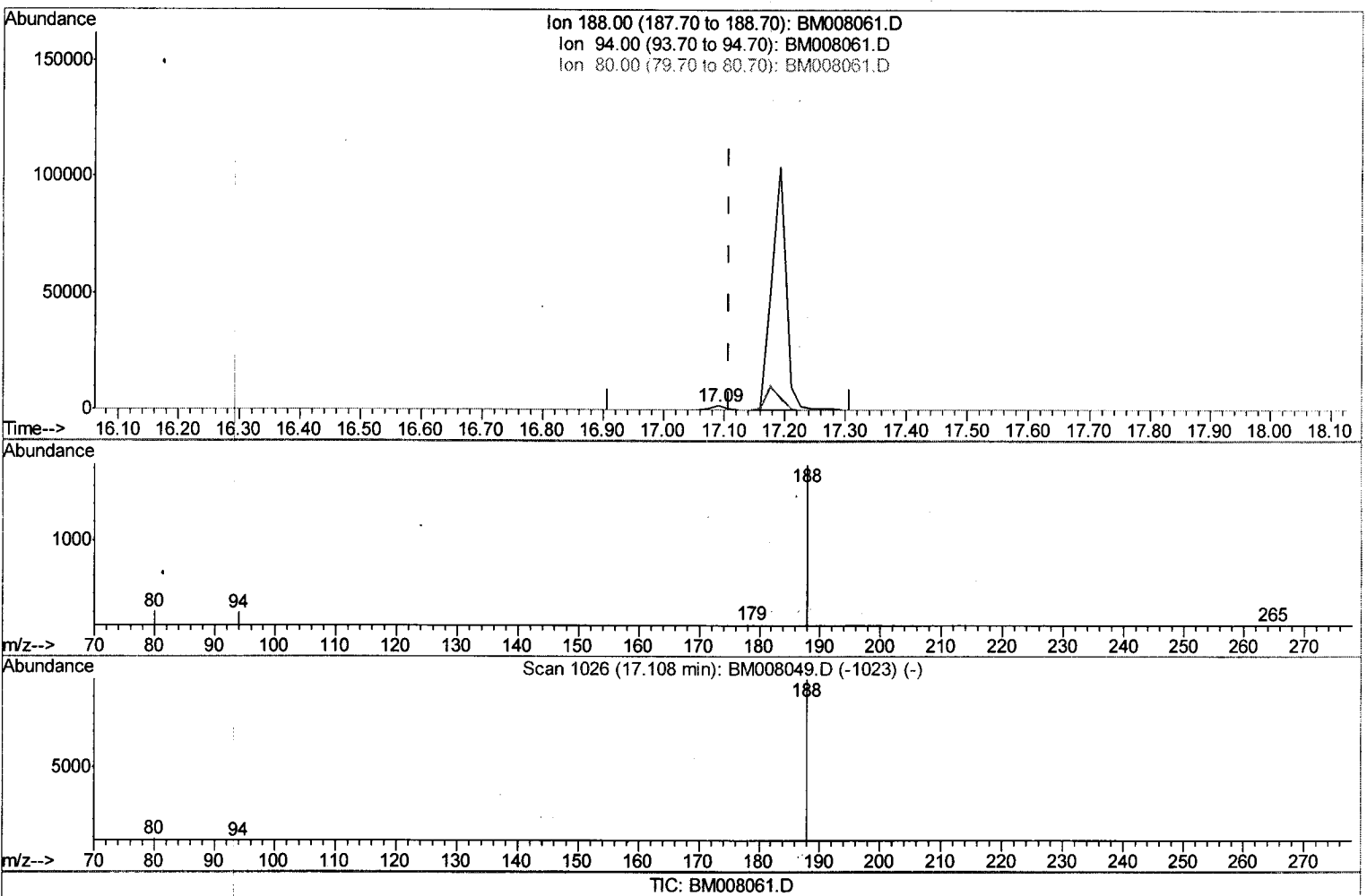
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008061.D
 Acq On : 24 Nov 2016 07:21
 Operator : UM/SJ
 Sample : H5701-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WF6

Manual Integrations
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Umangi
 11/28/2016 5:29:11 PM

Quant Time: Nov 25 00:23:26 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



(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 2875

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.29
80.00	11.80	11.00
0.00	0.00	0.00

S. J.
 11/29/16

Quantitation Report (Qedit)

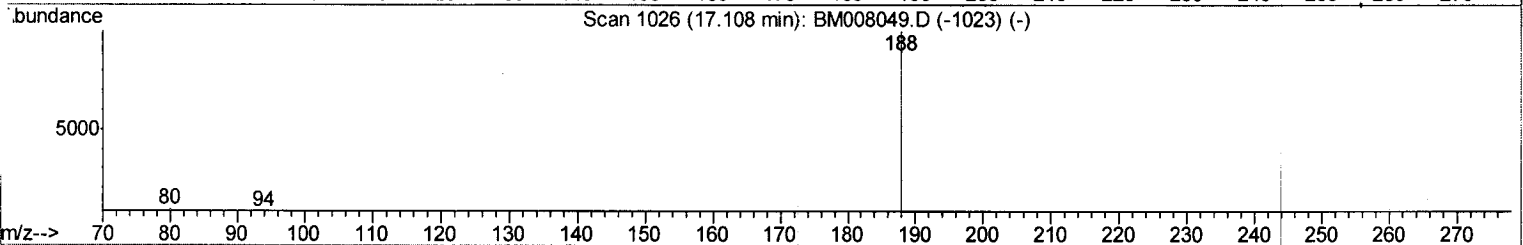
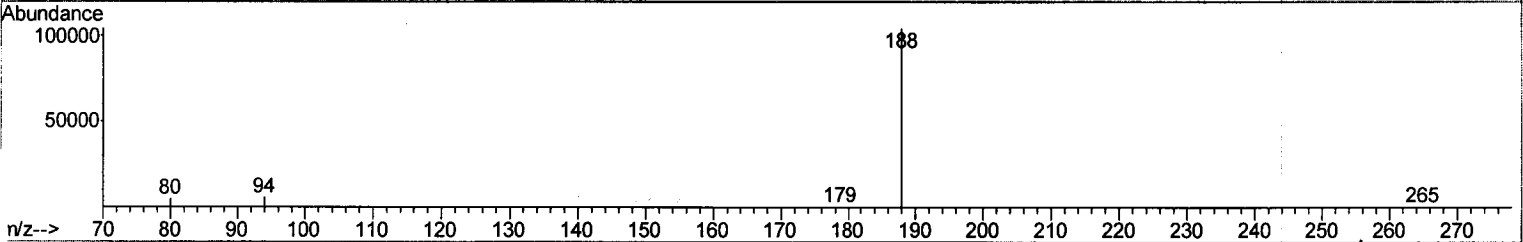
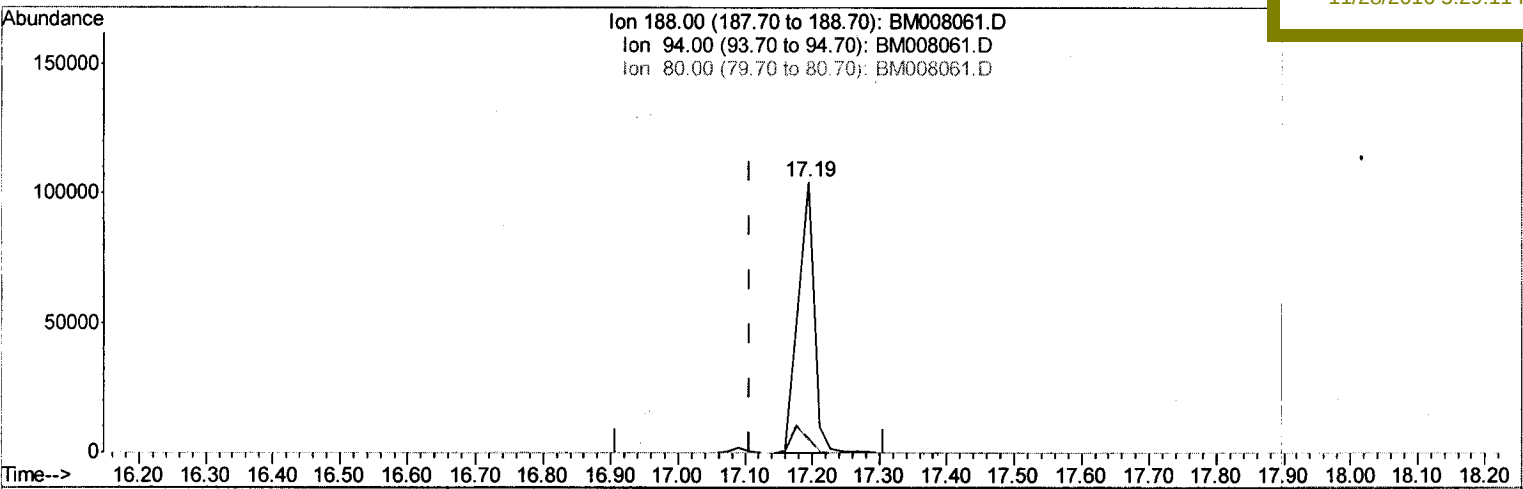
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008061.D
 Acq On : 24 Nov 2016 07:21
 Operator : UM/SJ
 Sample : H5701-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4WF6

Manual Integrations
APPROVED

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

Quant Time: Nov 25 00:23:26 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



TIC: BM008061.D

(10) Phenanthrene-d10 (I)
 17.193min (+0.086) 0.40ng/ul
 response 171900

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.52#
80.00	11.80	4.56#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008061.D
 Acq On : 24 Nov 2016 07:21
 Operator : UM/SJ
 Sample : H5701-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WF6

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 01:16:27 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	689	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.49	136	2400	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1457	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2875m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2683	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2095m	0.40	ng/ul	-0.01

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	906	0.27	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	2105	0.26	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.06	152	229	0.03	ng/ul#	53
12) Phenanthrene	17.12	178	567m	0.06	ng/ul	
15) Fluoranthene	19.16	202	1887	0.16	ng/ul	97
17) Pyrene	19.52	202	2081	0.22	ng/ul	95
18) Benzo(a)anthracene	21.27	228	847	0.10	ng/ul#	81
19) Chrysene	21.32	228	1064	0.10	ng/ul#	84
21) Benzo(b)fluoranthene	22.86	252	1352m	0.16	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	575m	0.07	ng/ul	
23) Benzo(a)pyrene	23.42	252	926m	0.12	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	658m	0.07	ng/ul	
26) Benzo(g,h,i)perylene	26.48	276	571m	0.07	ng/ul	

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