

Quantitation Report (QT Reviewed)

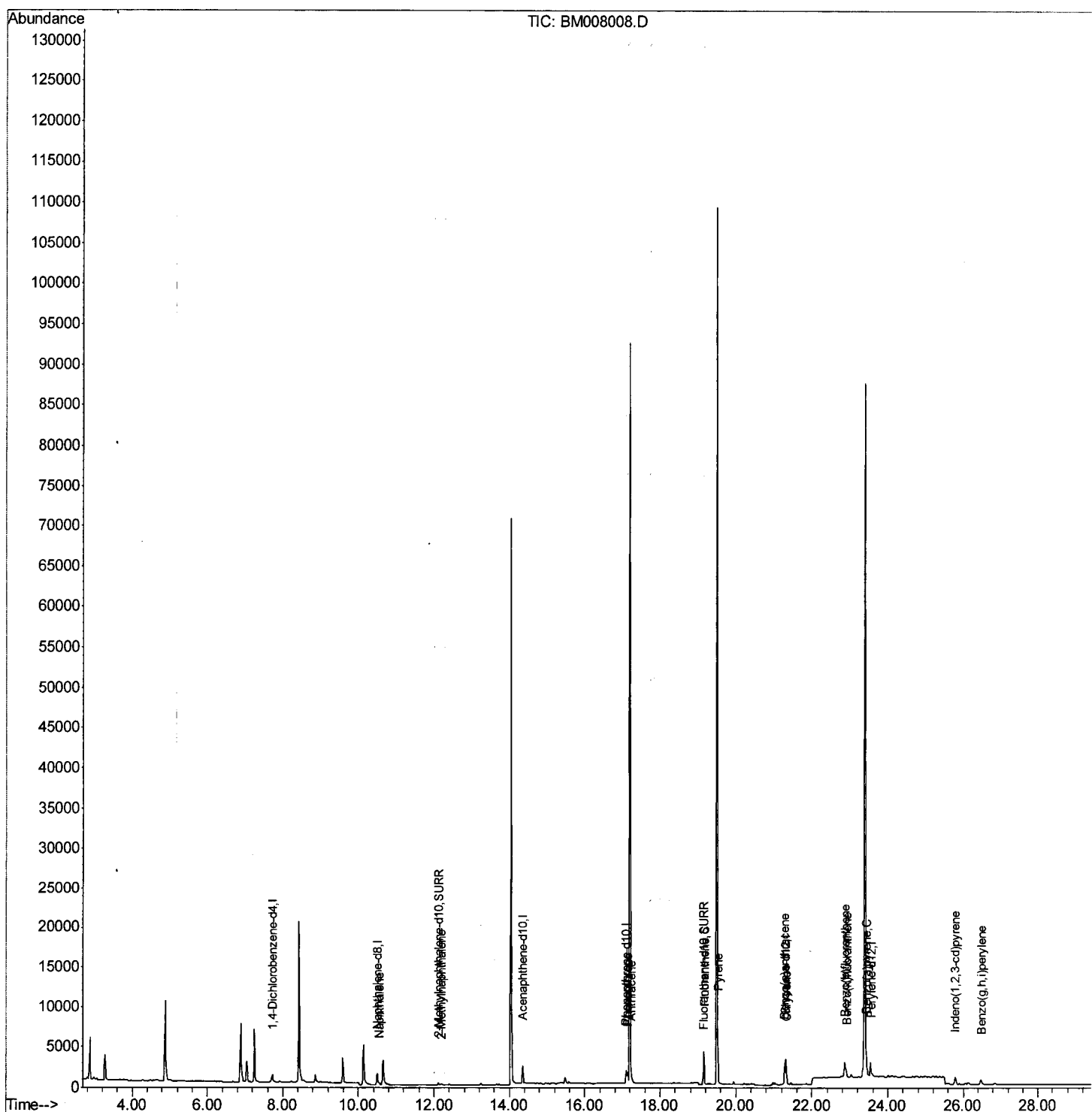
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008008.D
 Acq On : 22 Nov 2016 23:23
 Operator : UM/SJ
 Sample : H5694-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR0

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:07:24 PM

Quant Time: Nov 23 10:24:41 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



Quantitation Report (Qedit)

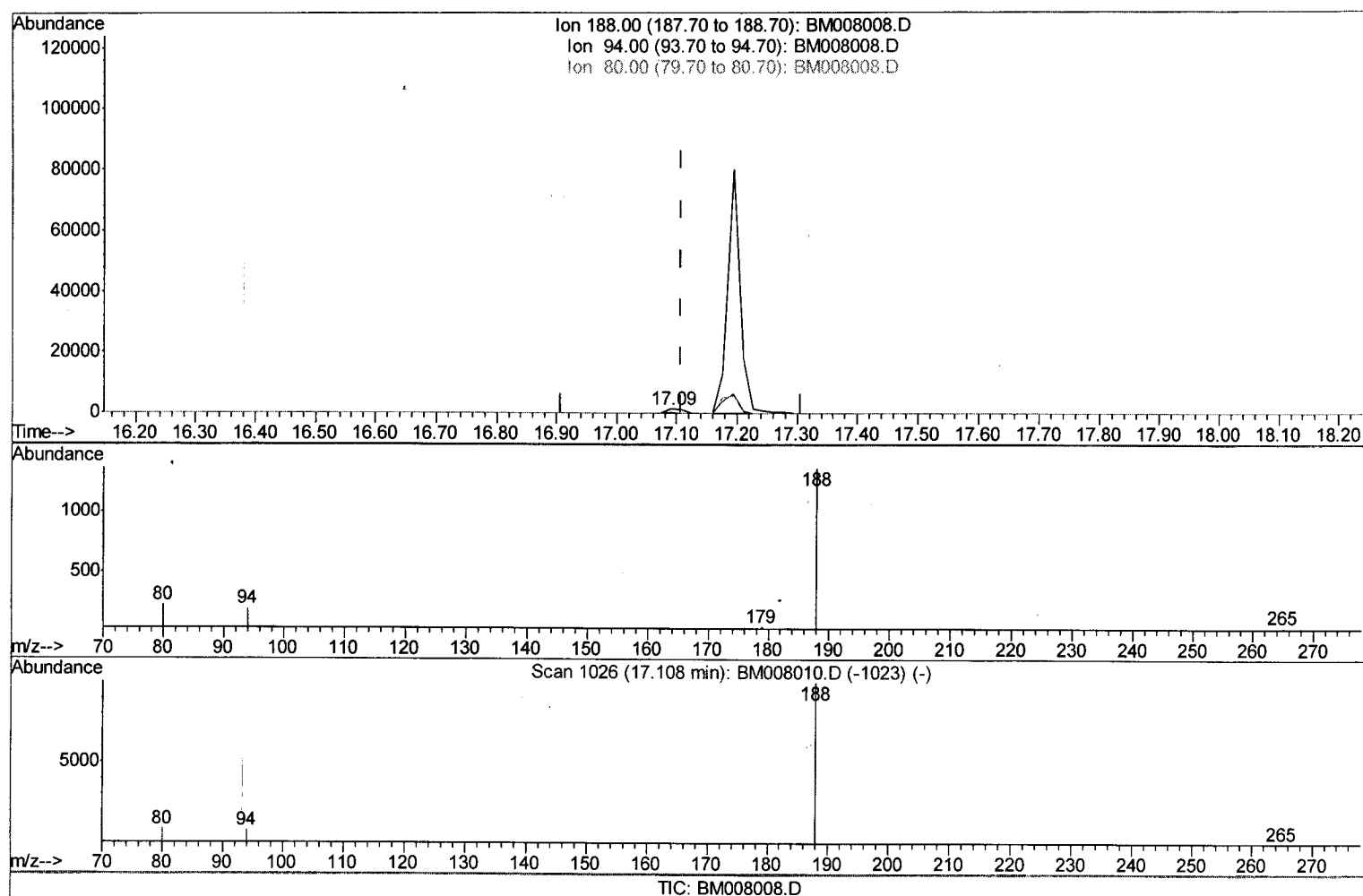
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
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 Client Sampled :
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Manual Integrations
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Quant Time: Nov 23 10:20:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(10) Phenanthrene-d10 (I)

17.091min (-0.017) 0.40ng/ul m

response 2658

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.84#
80.00	11.80	17.13#
0.00	0.00	0.00

SJ.
 11/25/2016

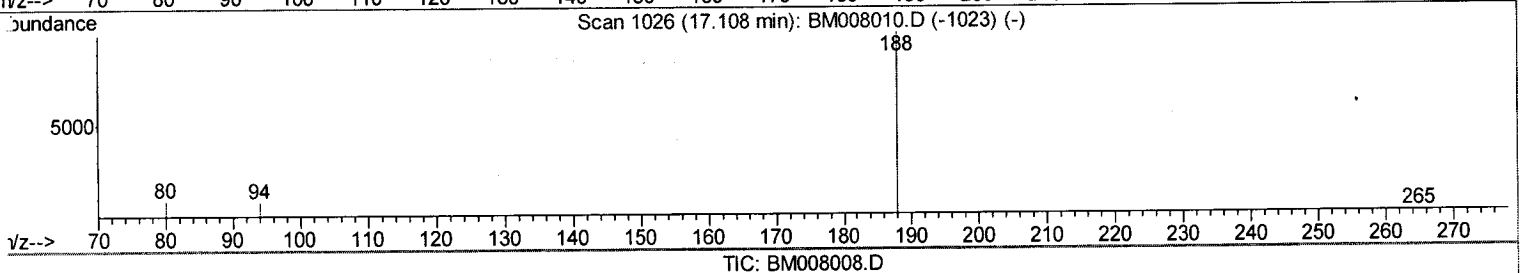
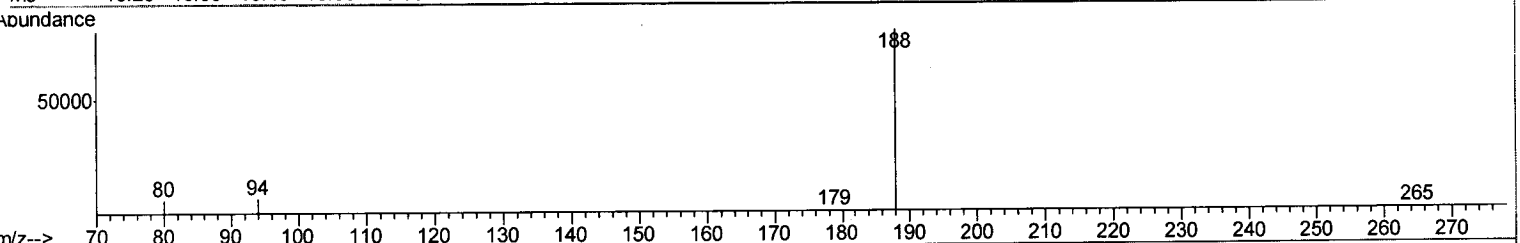
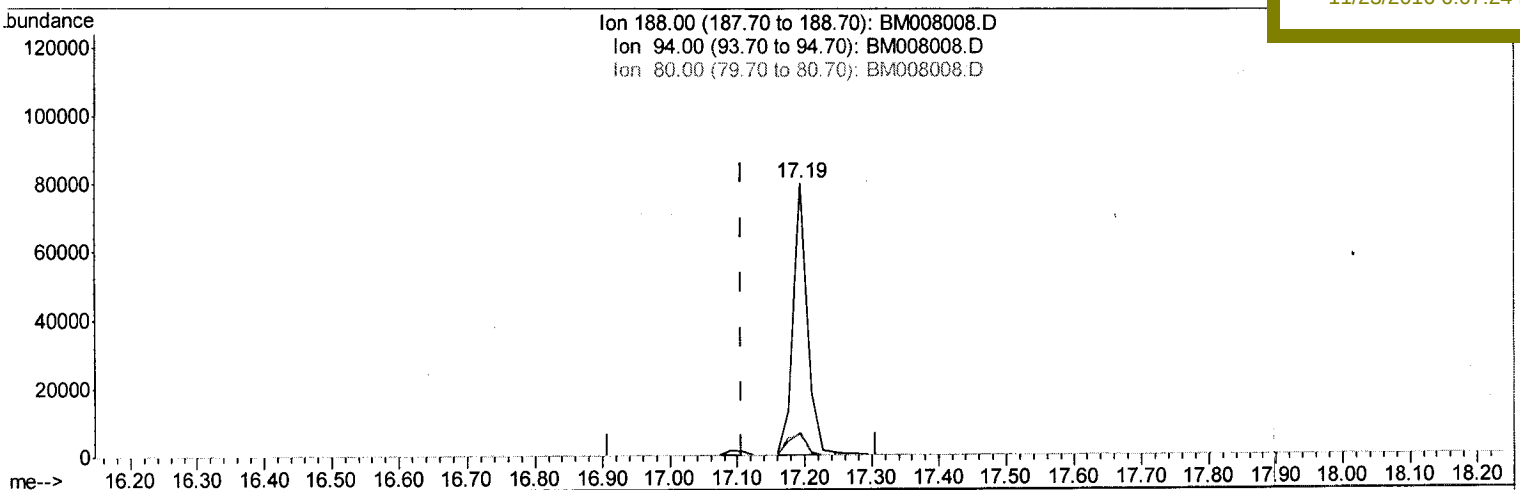
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(10) Phenanthrene-d10 (I)

17.194min (+0.086) 0.40ng/ul

response 116693

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.03#
80.00	11.80	7.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

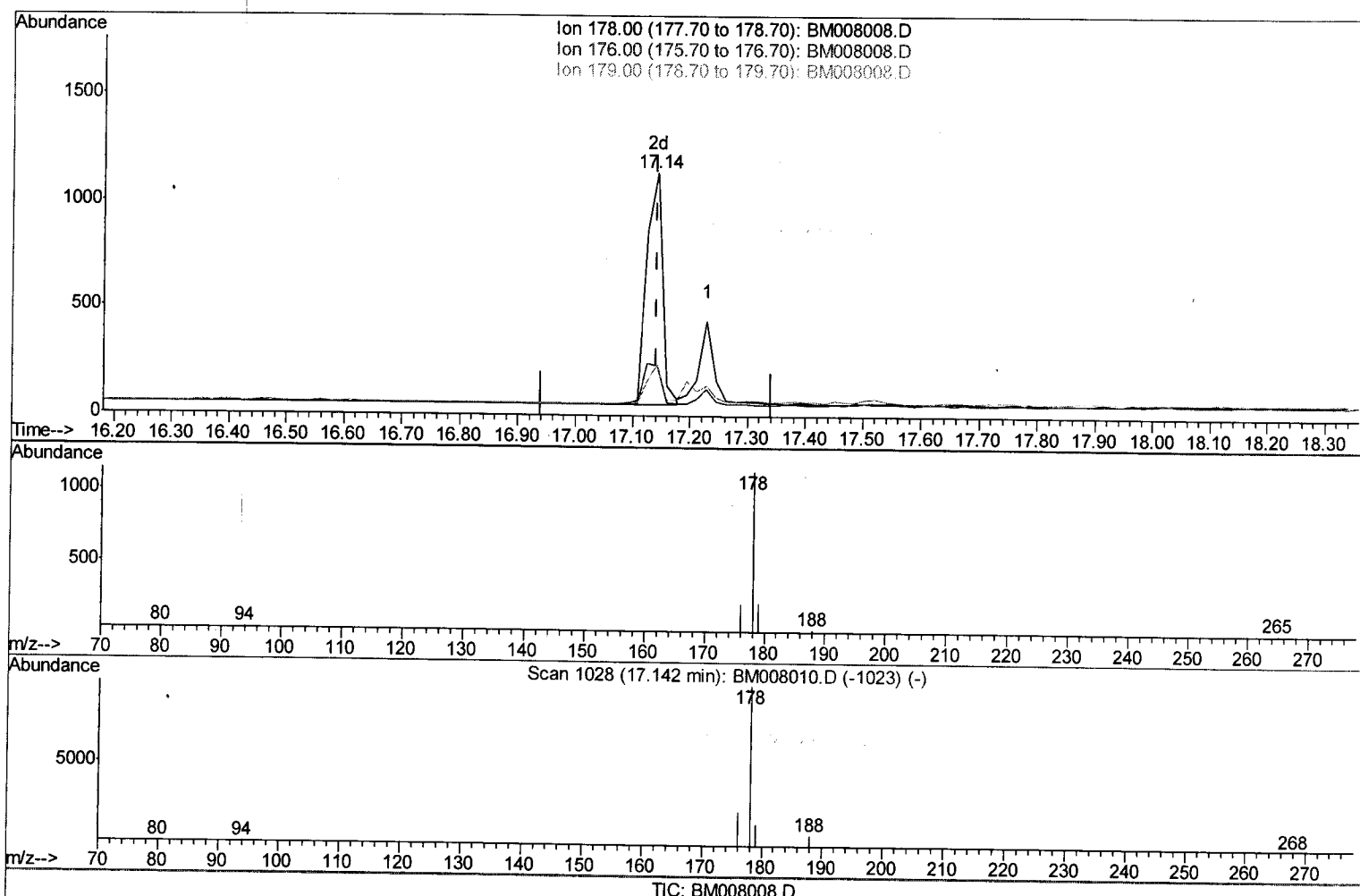
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
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Quant Time: Nov 23 10:21:22 2016
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(12) Phenanthrene

17.142min (+0.000) 0.25ng/ul m

response 2100

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	20.54
179.00	17.00	20.98#
0.00	0.00	0.00

S.J.
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Quantitation Report (Qedit)

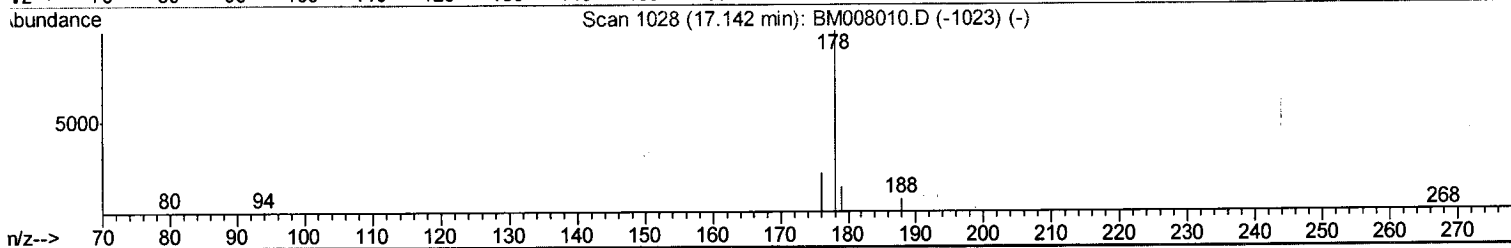
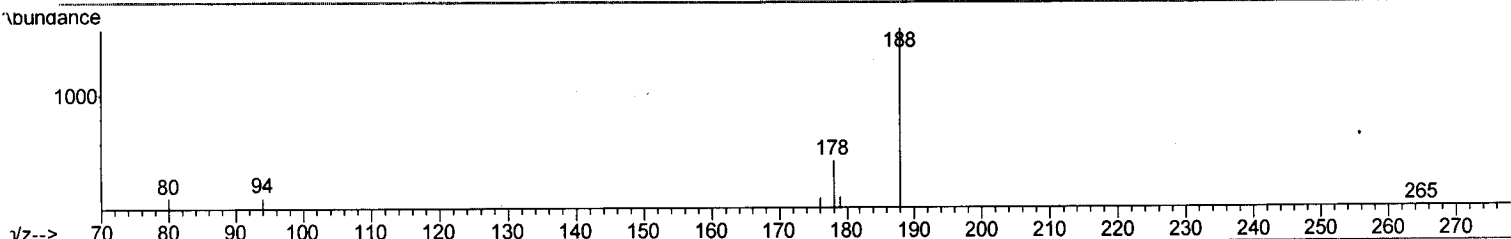
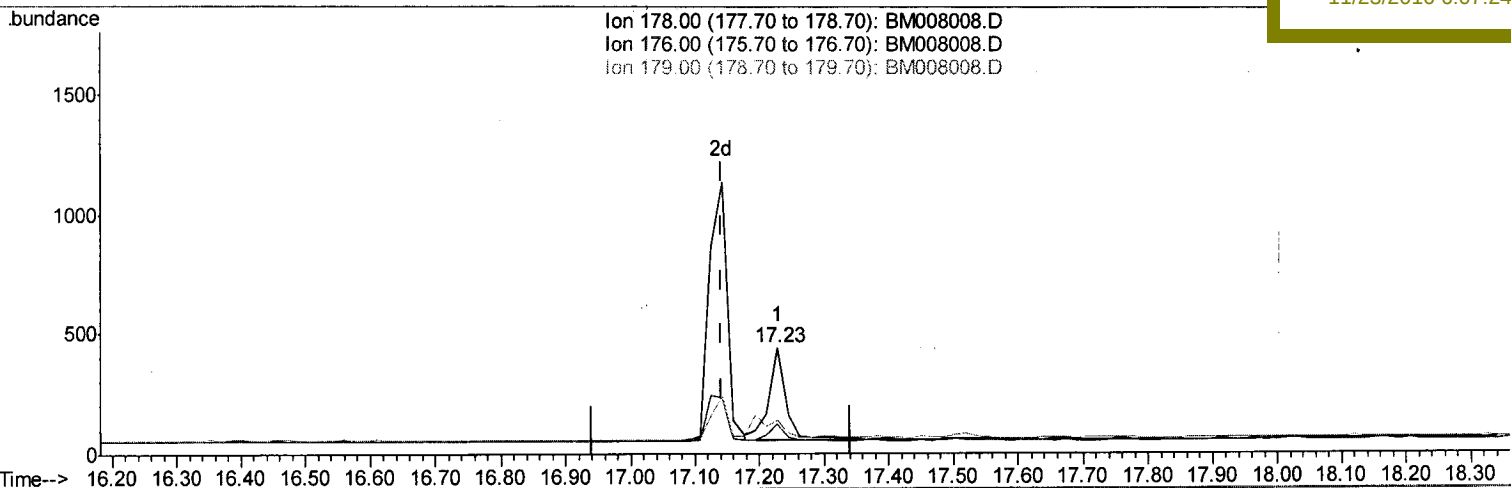
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TIC: BM008008.D

(12) Phenanthrene

17.228min (+0.086) 0.09ng/ul

response 721

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	28.51#
179.00	17.00	31.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

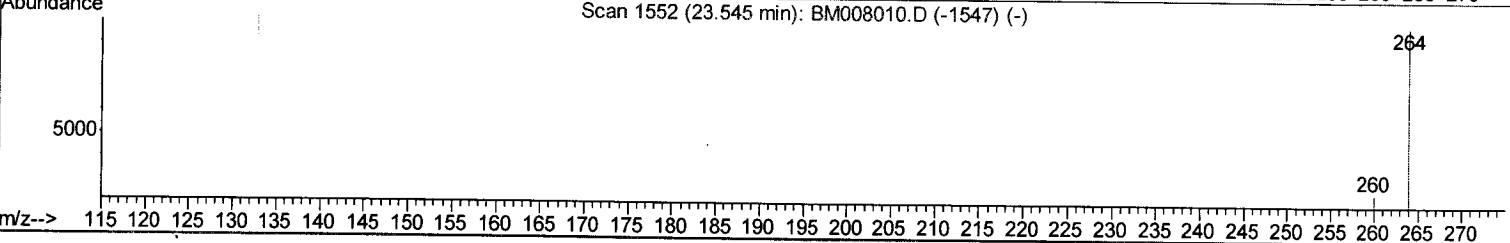
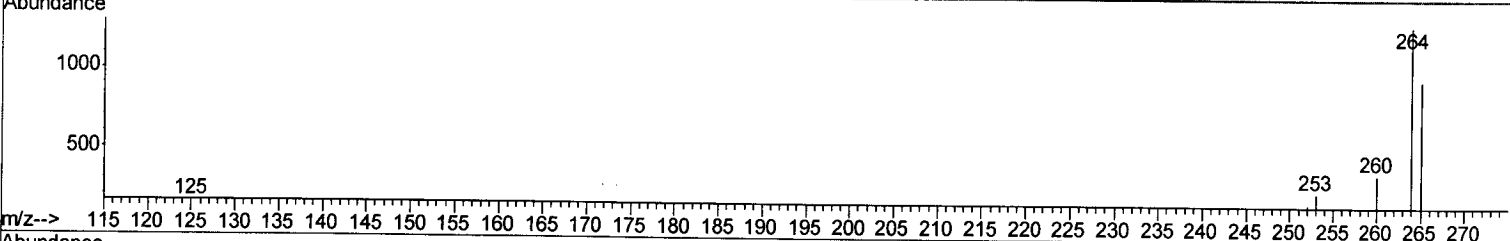
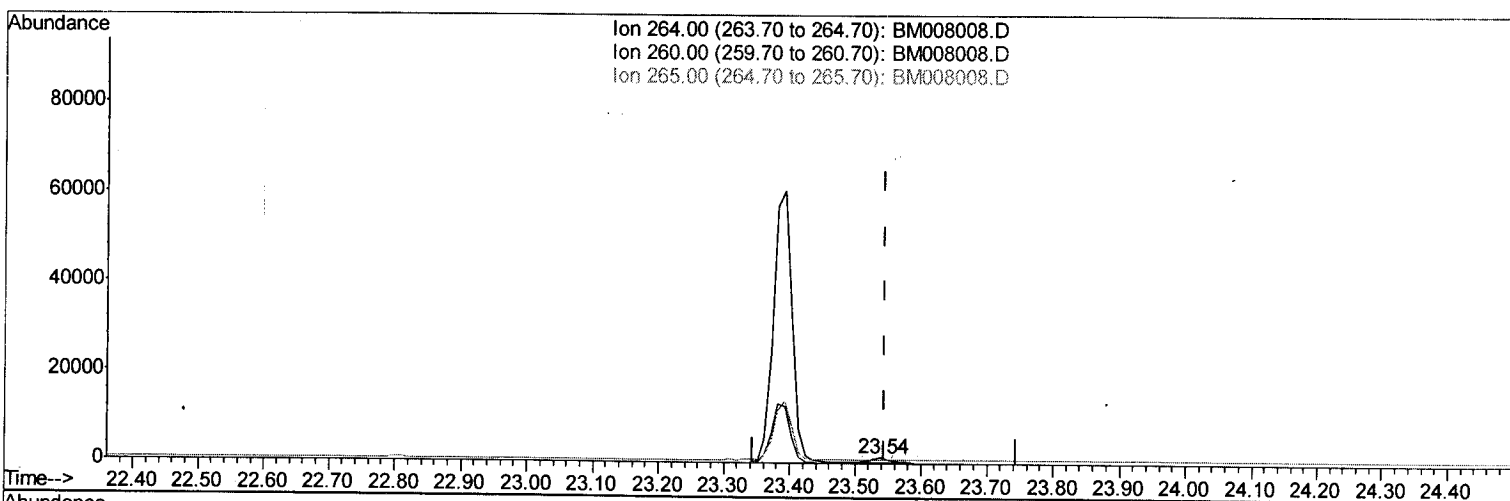
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TIC: BM008008.D

(20) Perylene-d12 (I)

23.538min (-0.007) 0.40ng/ul m

response 2212

S.S.
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Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.31
265.00	103.50	73.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

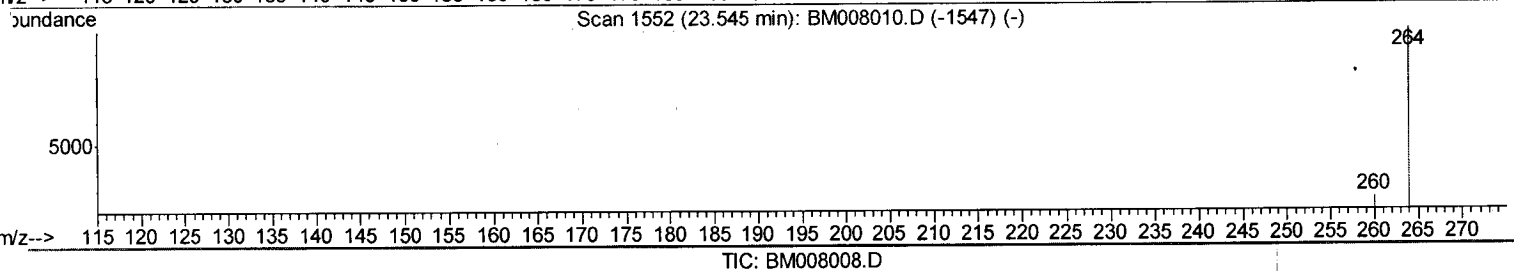
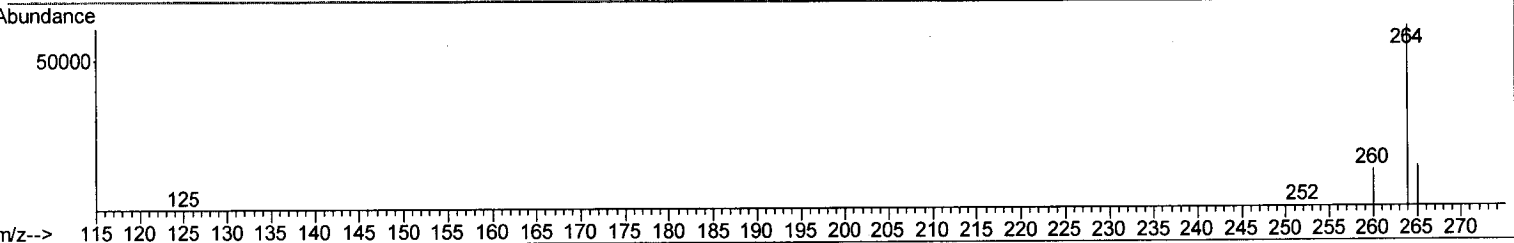
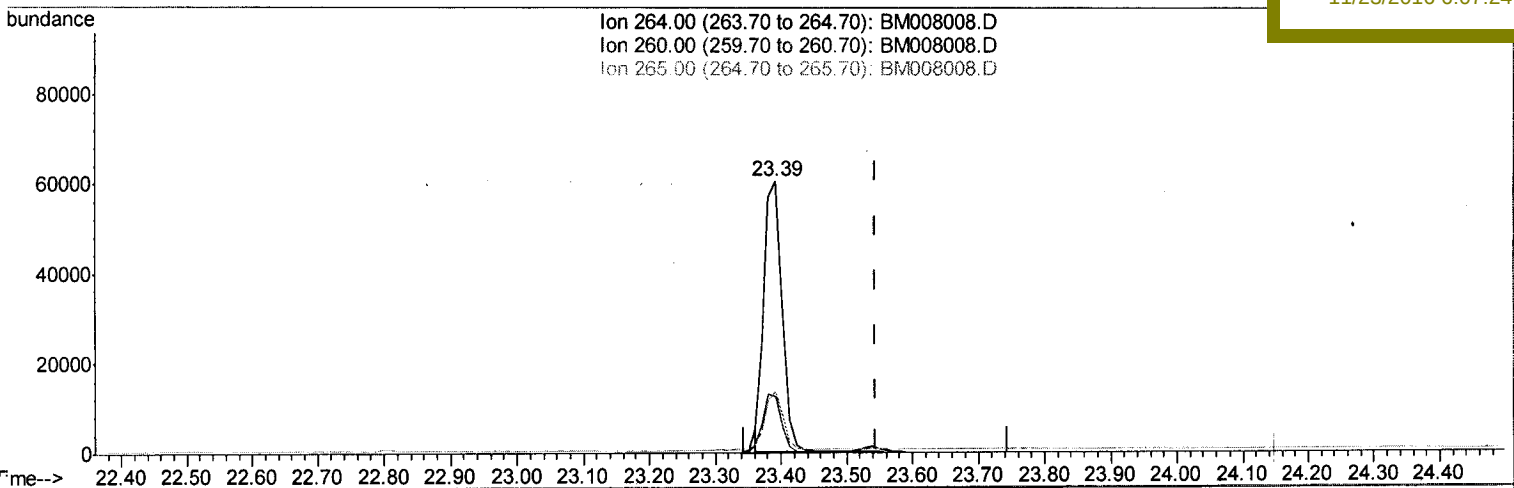
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Data File : BM008008.D
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Operator : UM/SJ
Sample : H5694-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSR0

Manual Integrations
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(20) Perylene-d12 (I)

23.392min (-0.153) 0.40ng/ul

response 113907

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.71#
265.00	103.50	22.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

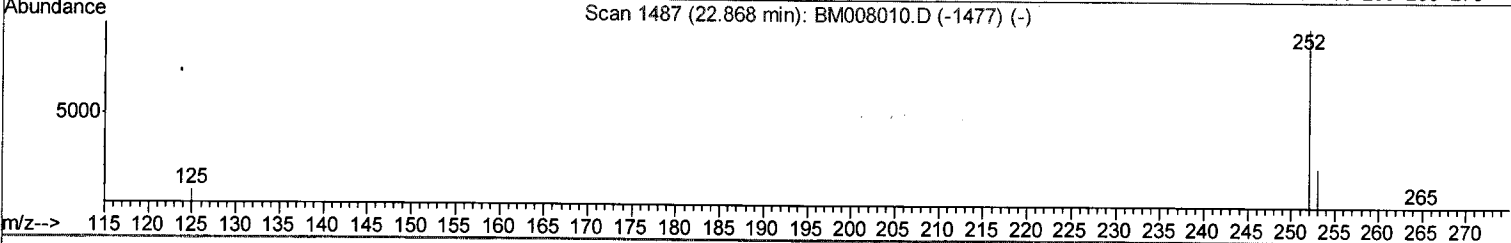
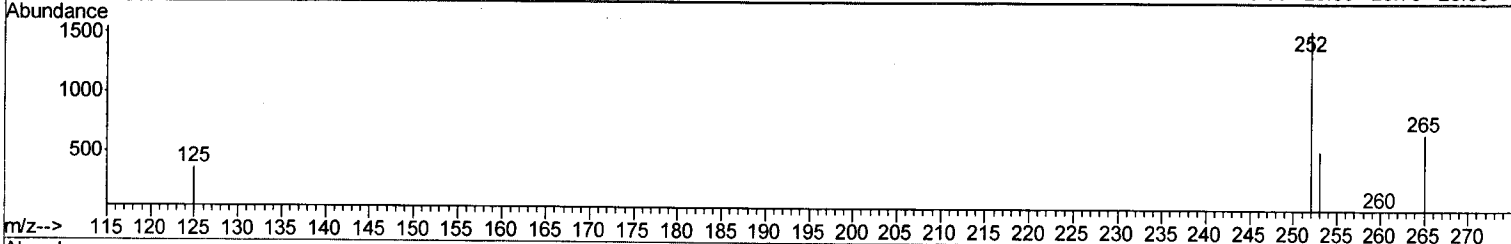
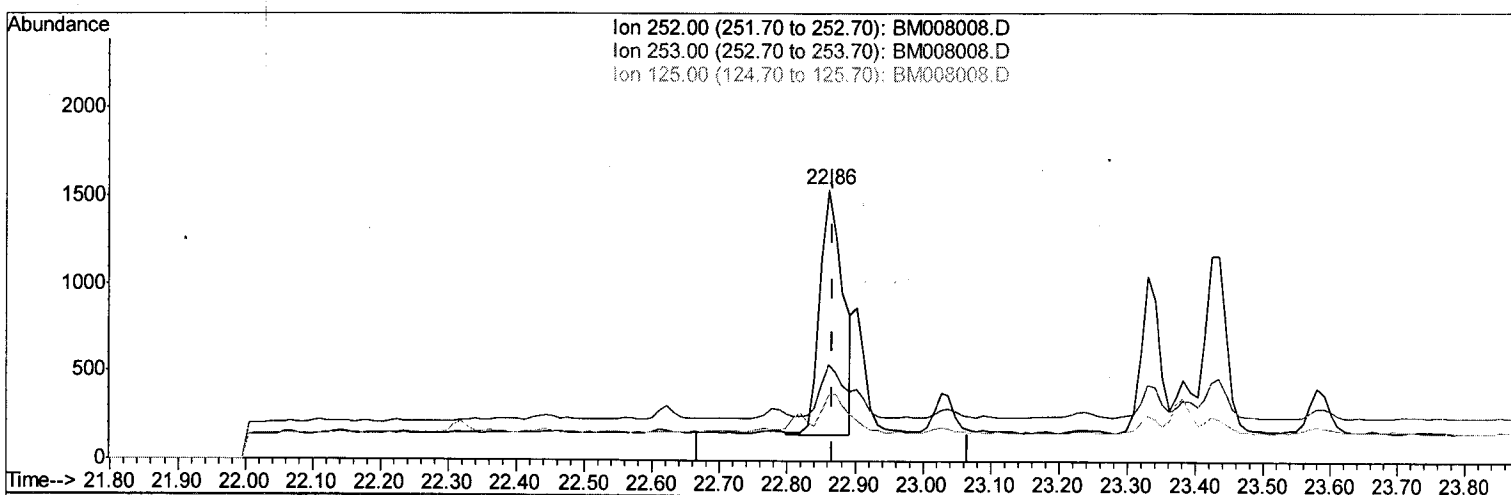
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Instrument :
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Manual Integrations
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TIC: BM008008.D

(21) Benzo(b)fluoranthene

22.861min (-0.007) 0.38ng/ul m

response 3352

Ion Exp% Act%

252.00 100 100

253.00 32.10 35.33

125.00 17.50 23.94

0.00 . 0.00 0.00

S.J.
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Quantitation Report (Qedit)

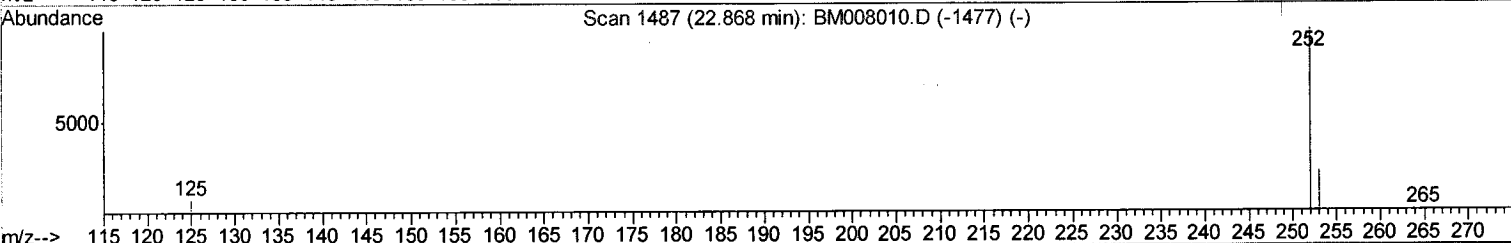
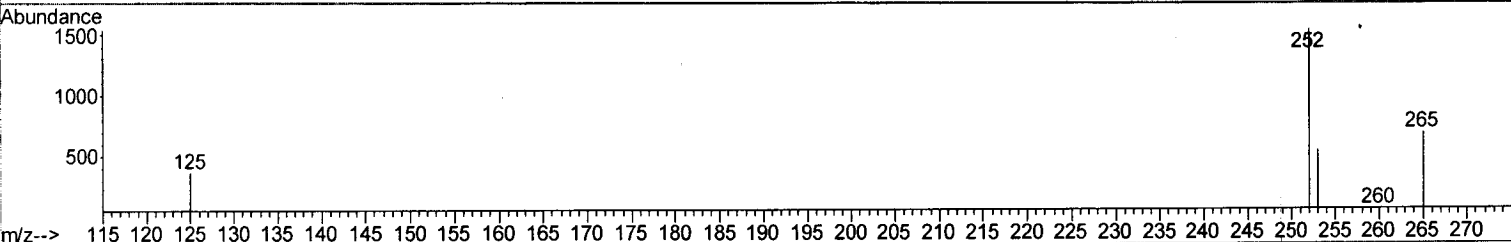
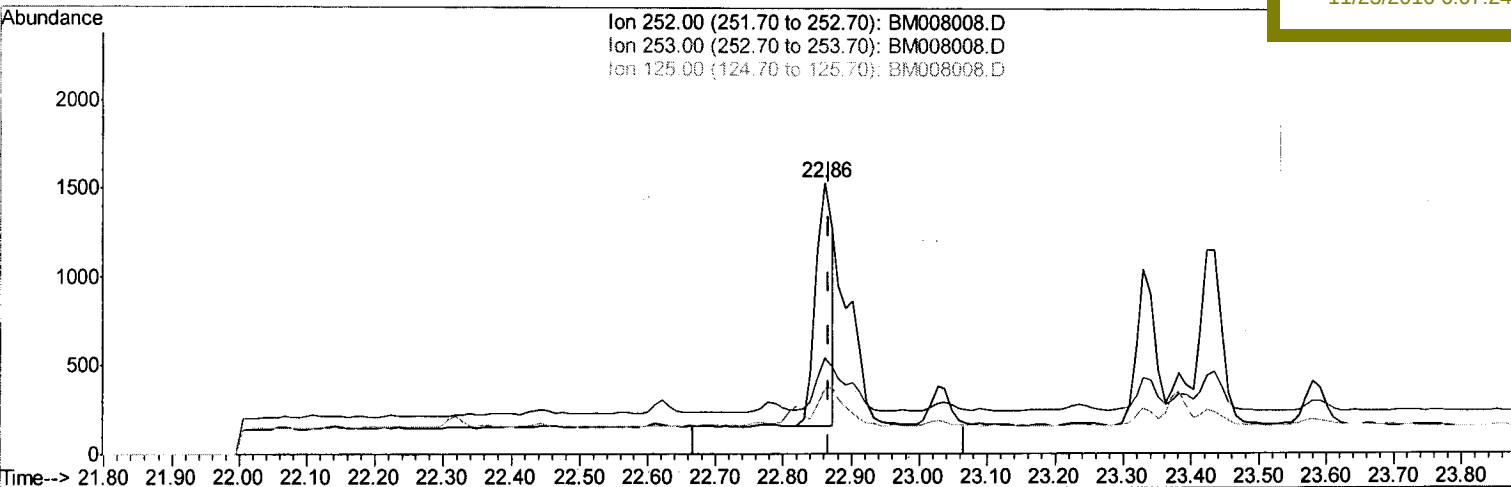
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008008.D
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 Sample : H5694-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 JHSR0

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Manual Integrations
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TIC: BM008008.D

(21) Benzo(b)fluoranthene

22.861min (-0.007) 0.27ng/ul

response 2382

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.33
125.00	17.50	23.94
0.00	0.00	0.00

Quantitation Report (Qedit)

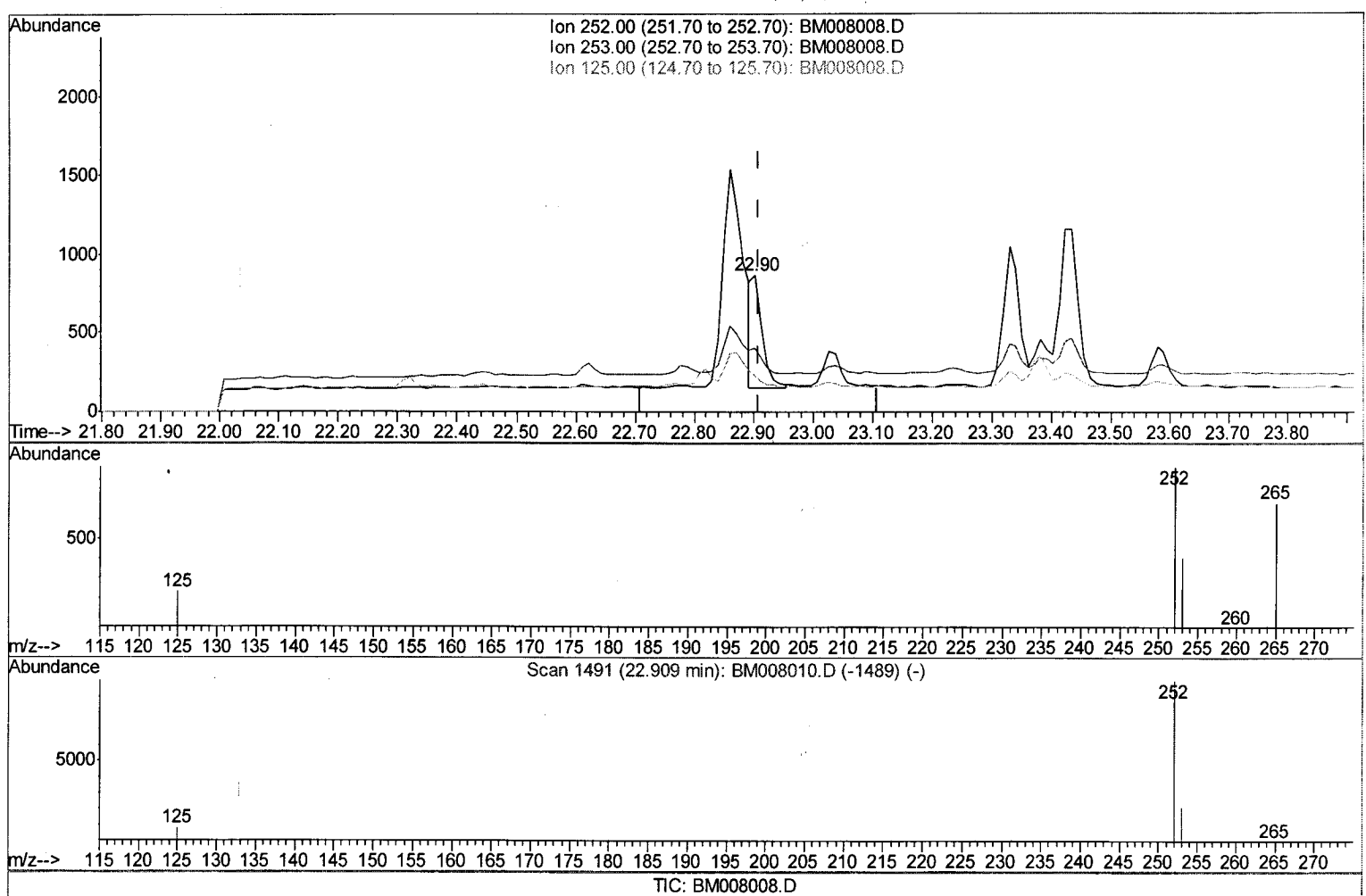
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008008.D
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 Sample : H5694-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 JHSR0

Manual Integrations
 APPROVED

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(22) Benzo(k)fluoranthene

22.902min (-0.007) 0.09ng/ul m

response 854

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	46.83#
125.00	17.10	26.87#
0.00	0.00	0.00

SJ.
 11/25/2016

Quantitation Report (Qedit)

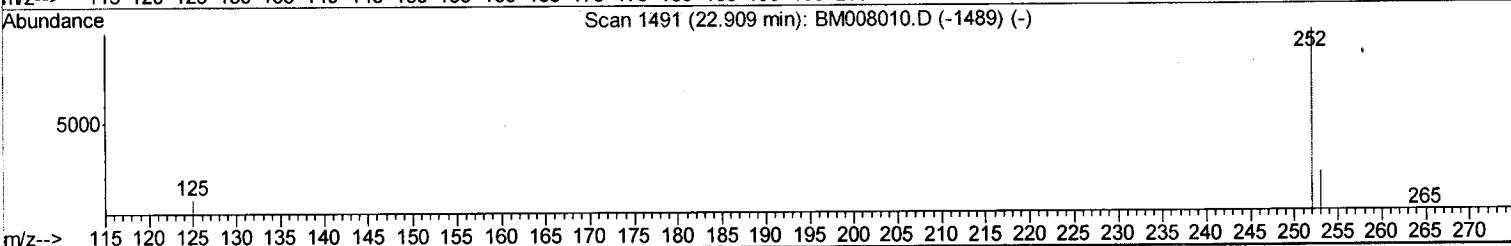
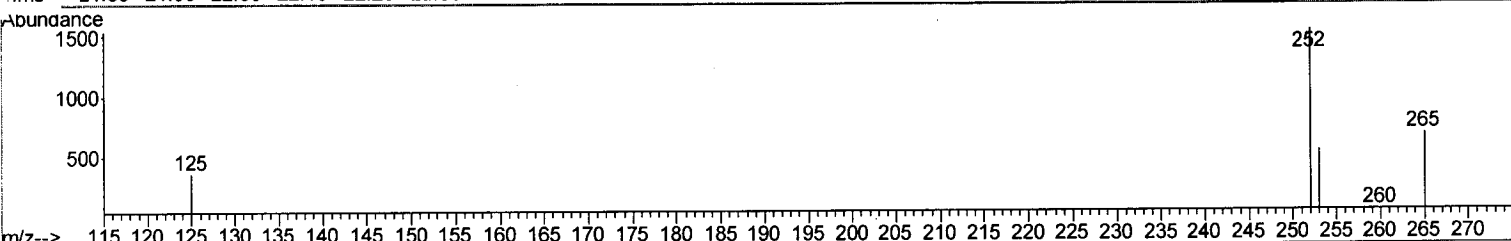
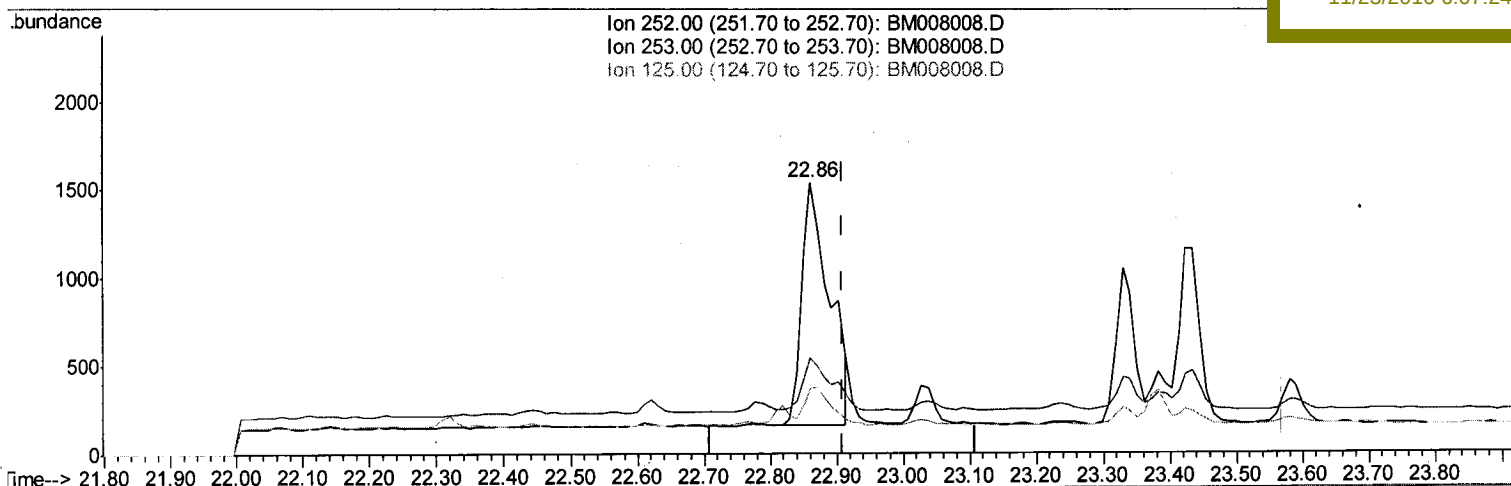
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TIC: BM008008.D

(22) Benzo(k)fluoranthene

22.861min (-0.049) 0.44ng/ul

response 3988

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.33
125.00	17.10	23.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

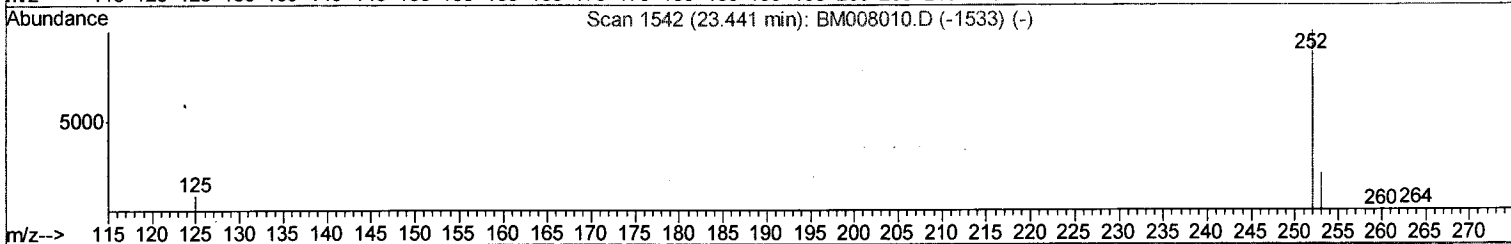
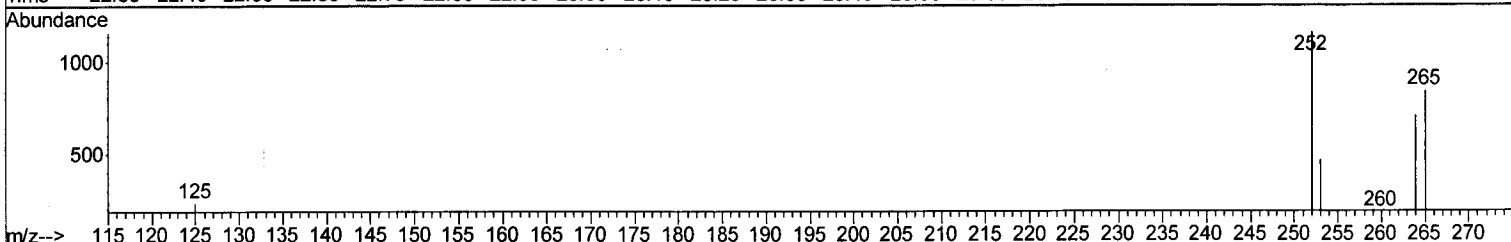
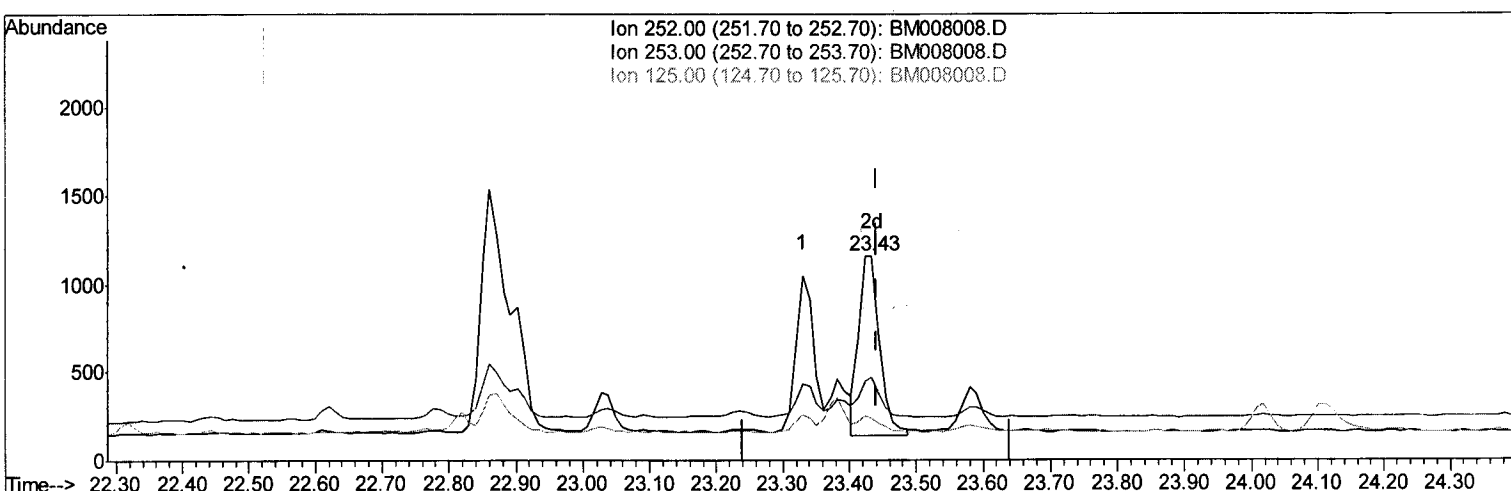
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TIC: BM008008.D

(23) Benzo(a)pyrene (C)

23.434min (-0.007) 0.26ng/ul m

response 2185

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	40.15
125.00	22.60	20.29
0.00	0.00	0.00

S.D.
 11/25/2016

Quantitation Report (Qedit)

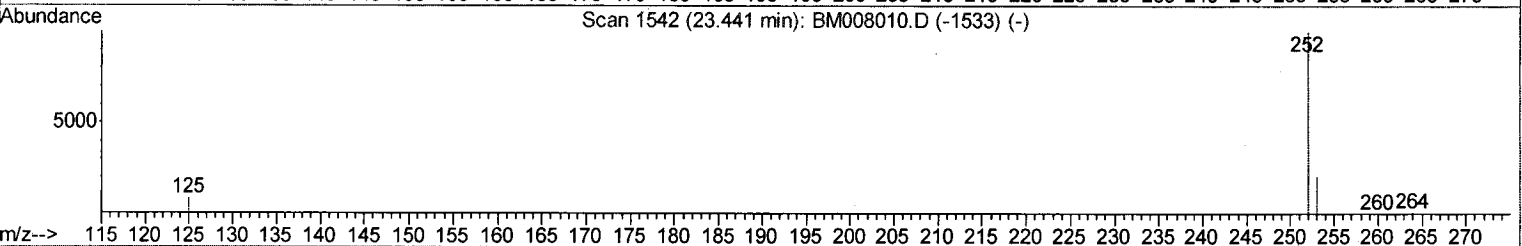
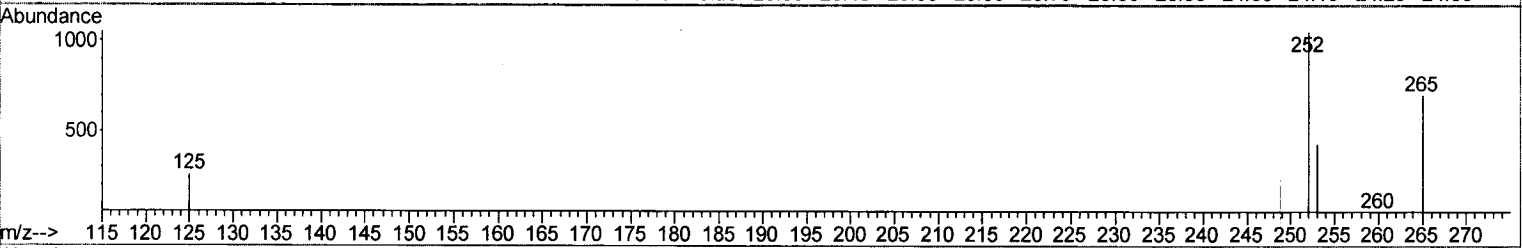
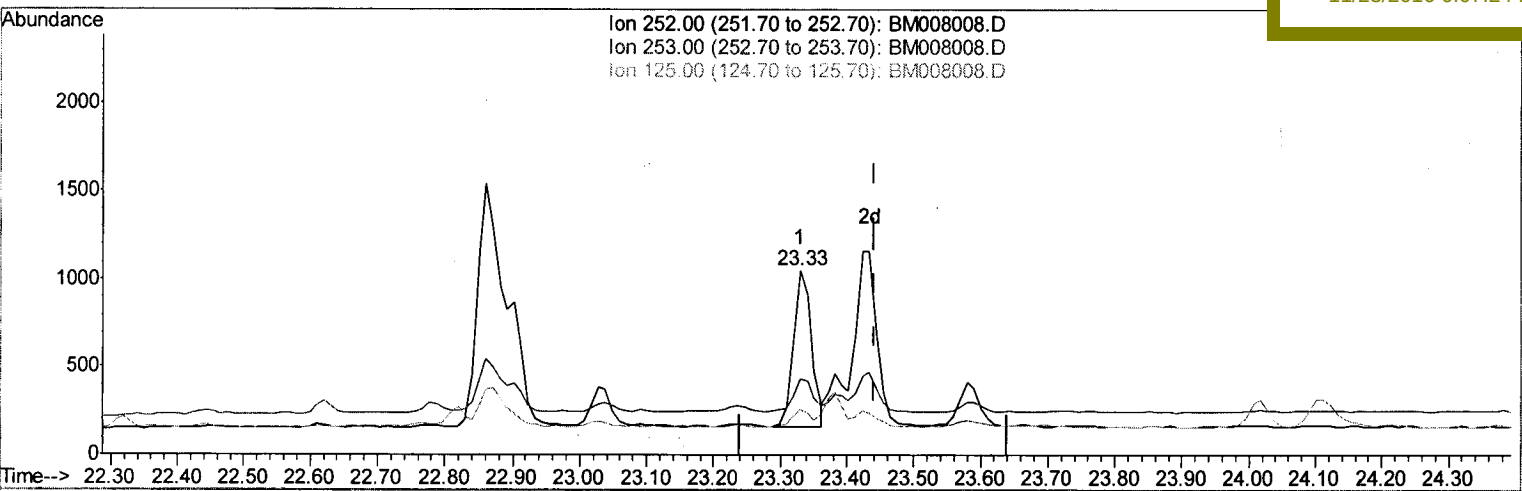
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TIC: BM008008.D

(23) Benzo(a)pyrene (C)

23.330min (-0.111) 0.20ng/ul

response 1662

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	40.95
125.00	22.60	24.86
0.00	0.00	0.00

Quantitation Report (Qedit)

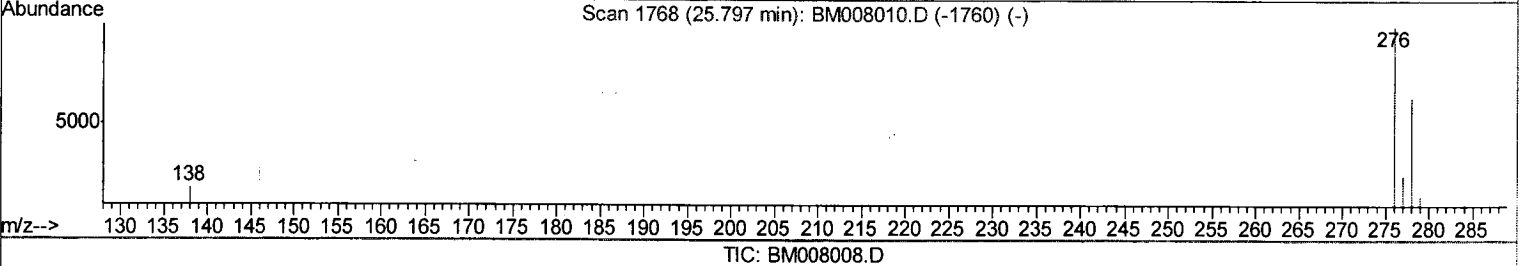
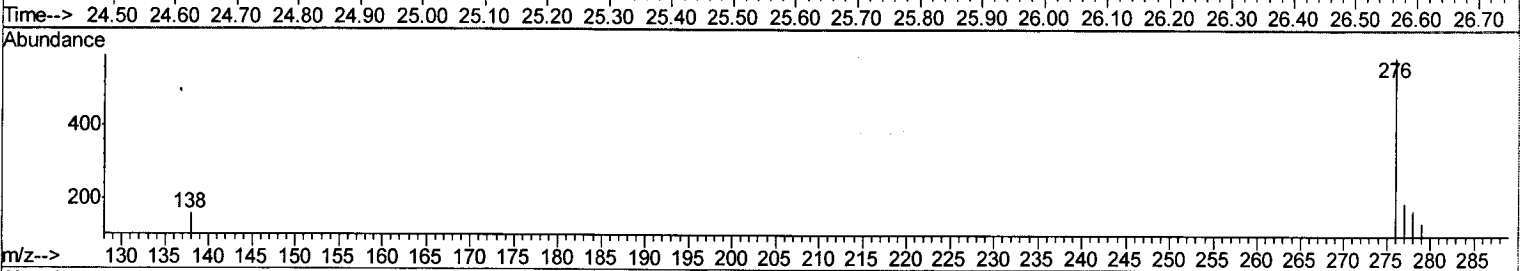
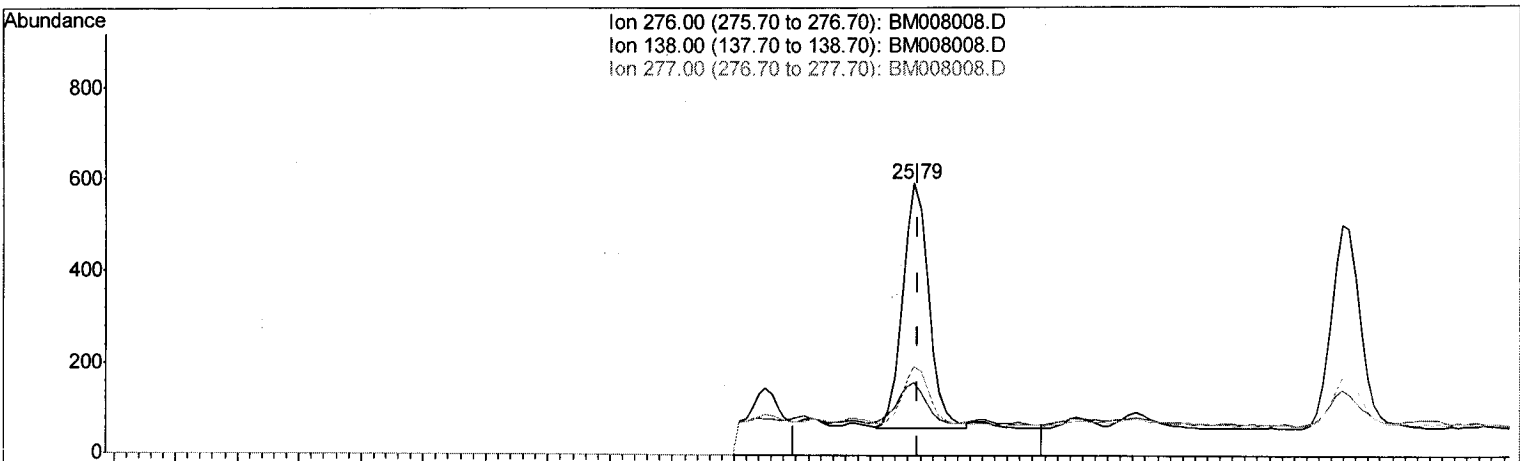
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(24) Indeno(1,2,3-cd)pyrene

25.790min (-0.007) 0.15ng/ul m

response 1557

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	70.46#
0.00	0.00	0.00

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Quantitation Report (Qedit)

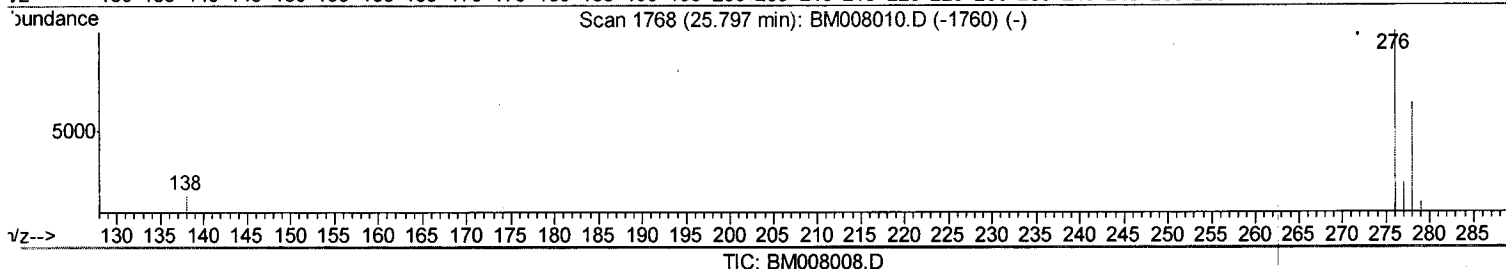
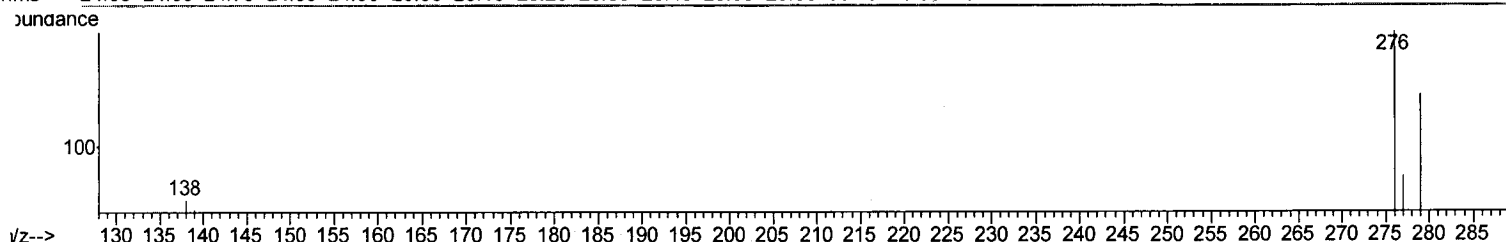
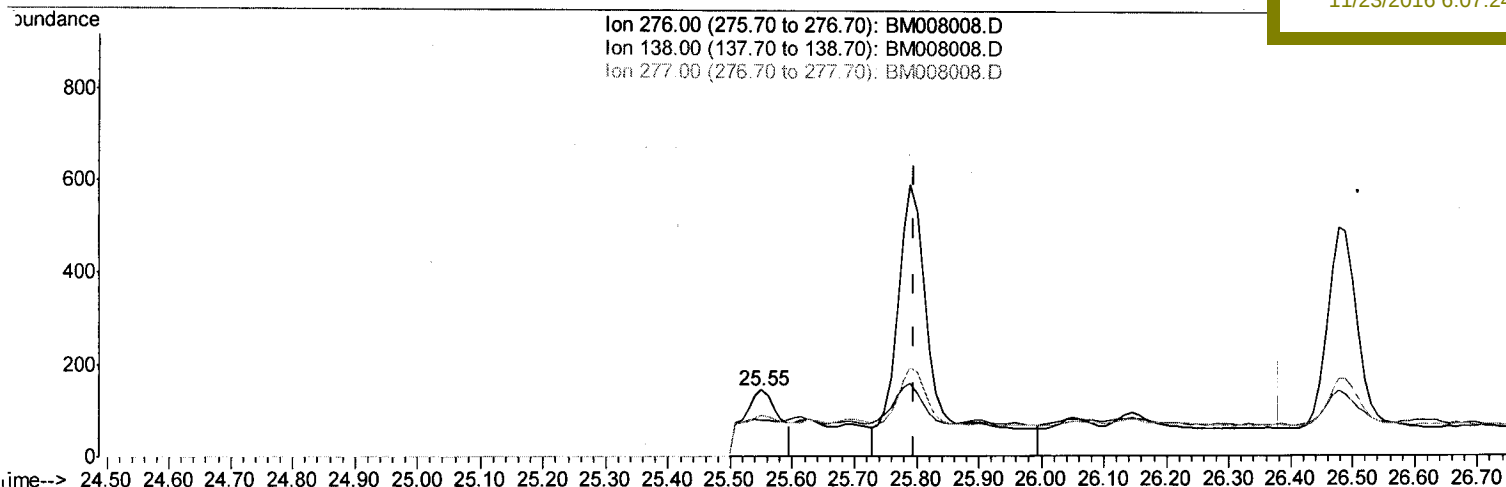
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TIC: BM008008.D

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

25.550min (-0.247) 0.11ng/ul

response 1142

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	96.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

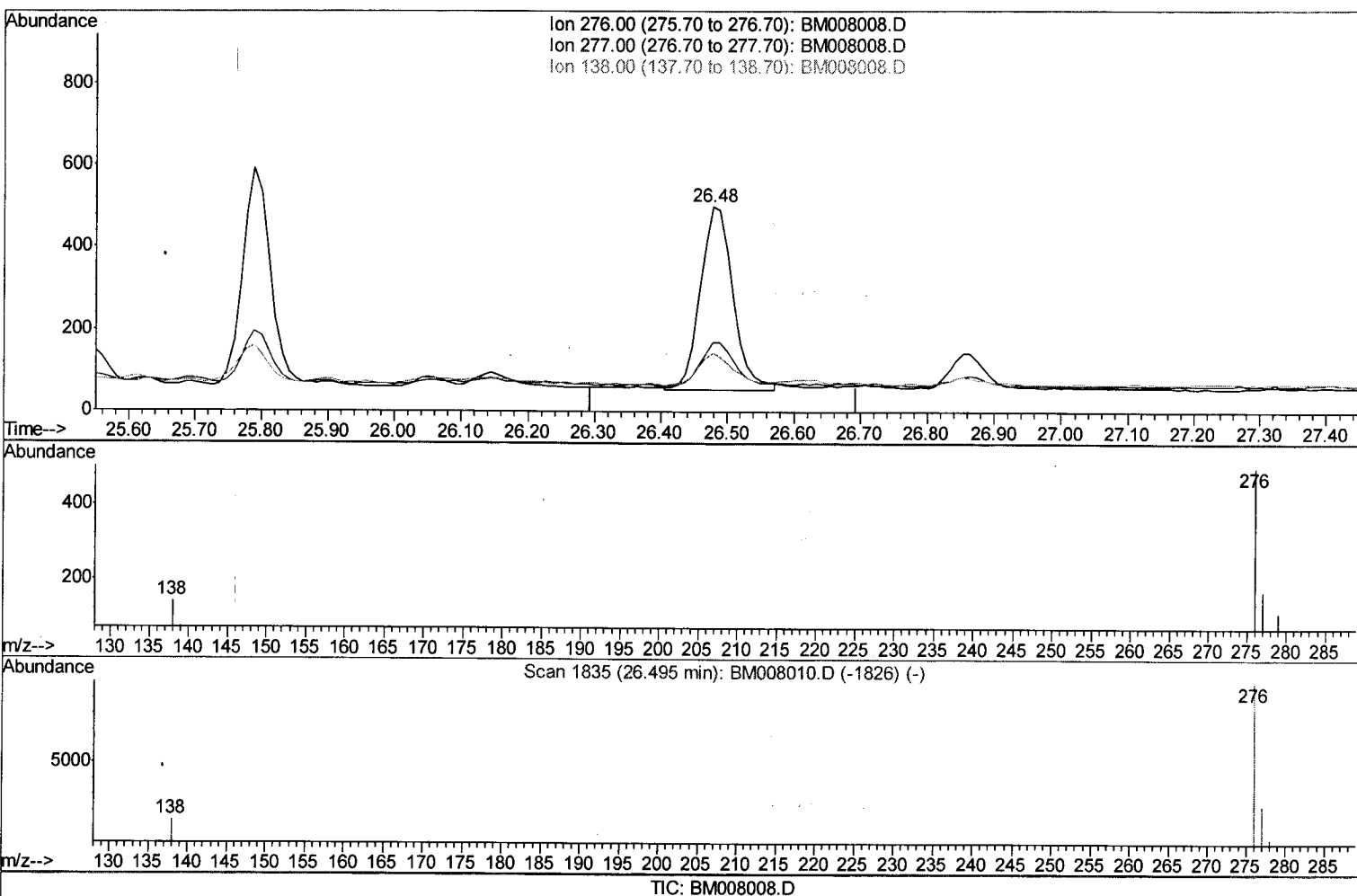
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008008.D
 Acq On : 22 Nov 2016 23:23
 Operator : UM/SJ
 Sample : H5694-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 JHSR0

Manual Integrations
 APPROVED

sohil
 11/23/2016 6:07:24 PM

Quant Time: Nov 23 10:22:32 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



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

26.478min (-0.017) 0.17ng/ul m

response 1522

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	33.93#
138.00	25.60	28.34
0.00	0.00	0.00

S.D.
 11/25/2016

Quantitation Report (Qedit)

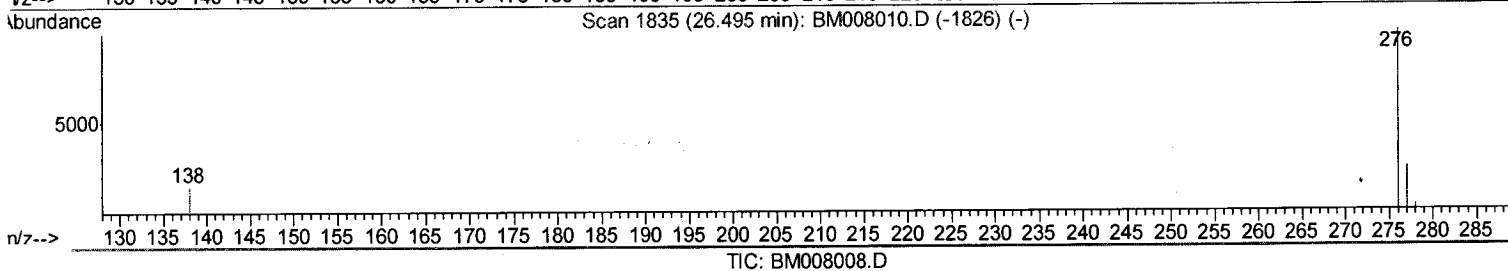
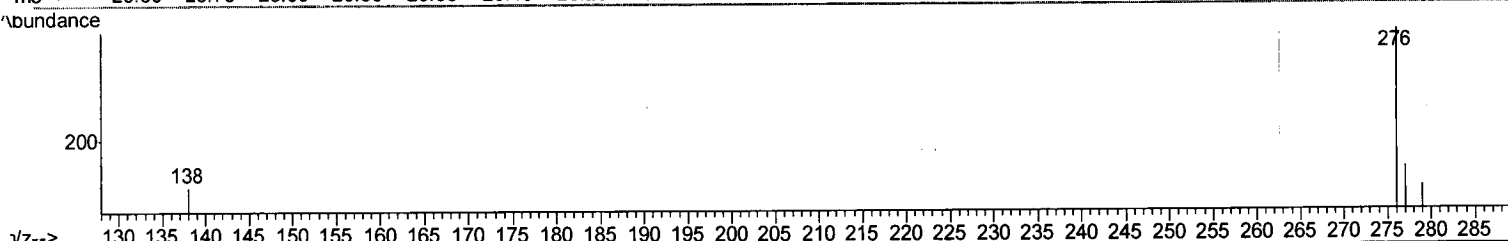
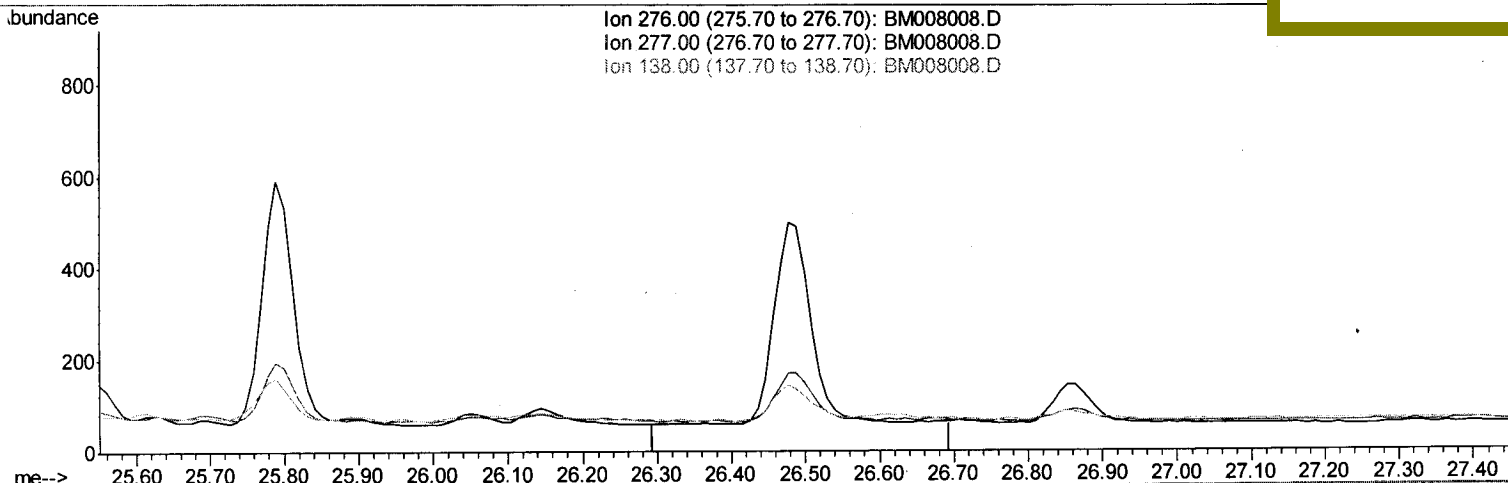
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112216\
 Data File : BM008008.D
 Acq On : 22 Nov 2016 23:23
 Operator : UM/SJ
 Sample : H5694-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR0

Quant Time: Nov 23 10:22:32 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

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 11/23/2016 6:07:24 PM



(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\BM112216\
Data File : BM008008.D
Acq On : 22 Nov 2016 23:23
Operator : UM/SJ
Sample : H5694-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSR0

Manual Integrations
APPROVED

sohil
11/23/2016 6:07:24 PM

Quant Time: Nov 23 10:24:41 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	614	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	2097	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1278	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2658m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	2549	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	2212m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	596	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	1468	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	239	0.04	ng/ul#	45
5) 2-Methylnaphthalene	12.18	142	159	0.04	ng/ul	97
12) Phenanthrene	17.14	178	2100m	0.25	ng/ul	
13) Anthracene	17.23	178	710	0.09	ng/ul#	80
15) Fluoranthene	19.16	202	4016	0.38	ng/ul	98
17) Pyrene	19.53	202	4178	0.47	ng/ul	99
18) Benzo(a)anthracene	21.28	228	2223	0.28	ng/ul	95
19) Chrysene	21.33	228	2465	0.25	ng/ul	94
21) Benzo(b)fluoranthene	22.86	252	3352m	0.38	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	854m	0.09	ng/ul	
23) Benzo(a)pyrene	23.43	252	2185m	0.26	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	1557m	0.15	ng/ul	
26) Benzo(g,h,i)perylene	26.48	276	1522m	0.17	ng/ul	

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