

Quantitation Report (QT Reviewed)

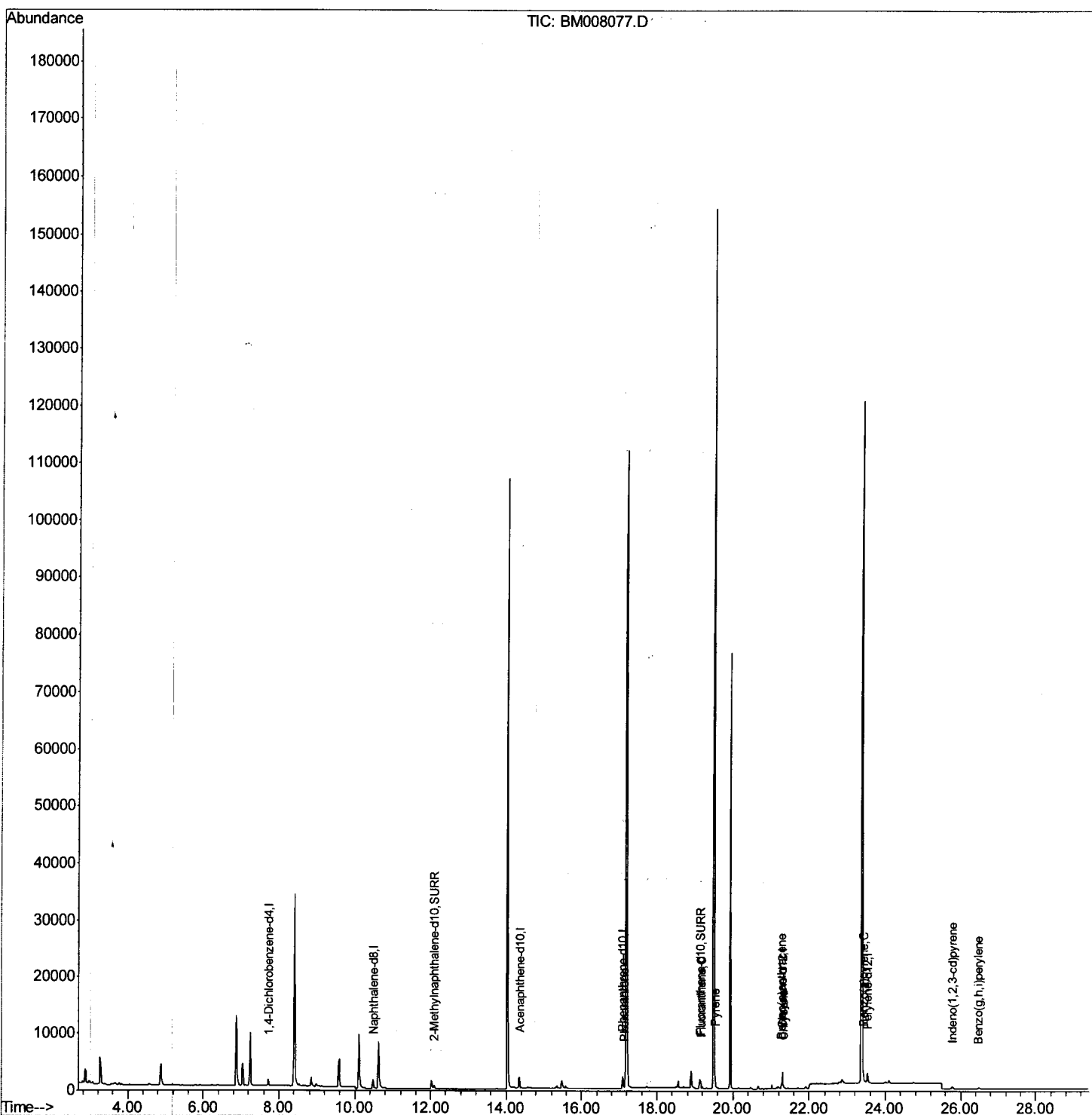
Data Path : Z:\HPCHEM1\BNA_M\Data\BM112316\
 Data File : BM008077.D
 Acq On : 24 Nov 2016 16:52
 Operator : UM/SJ
 Sample : H5701-15
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WE5

Manual Integrations
 APPROVED

Umangi
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Quant Time: Nov 25 03:45:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

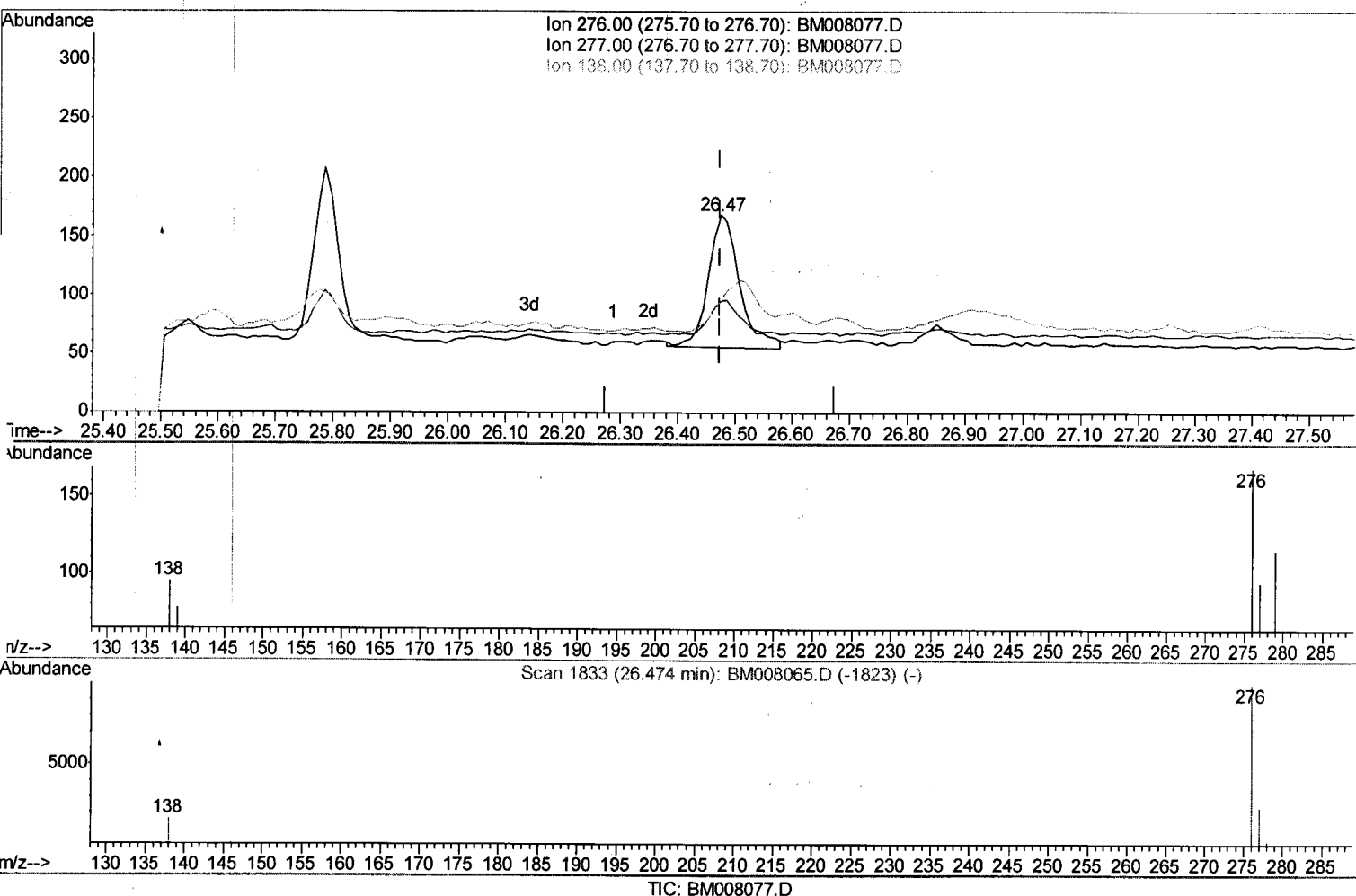
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(26) Benzo(g,h,i)perylene

26.474min (+0.000) 0.05ng/ul m

response 426

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	56.21#
138.00	25.60	56.21#
0.00	0.00	0.00

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Quantitation Report (Qedit)

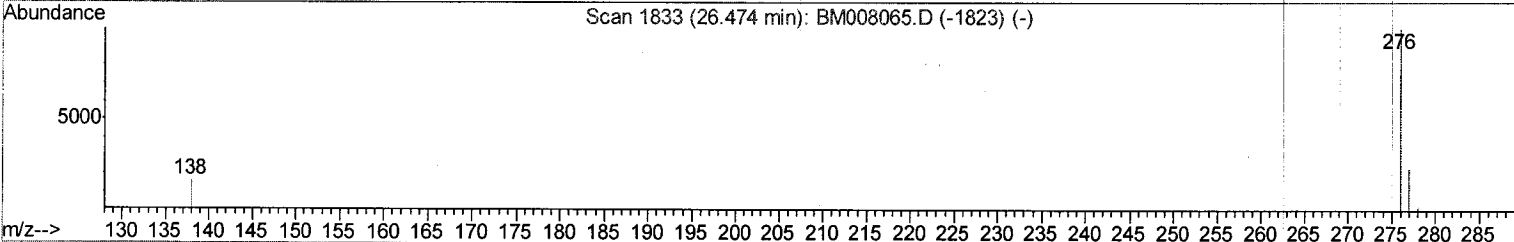
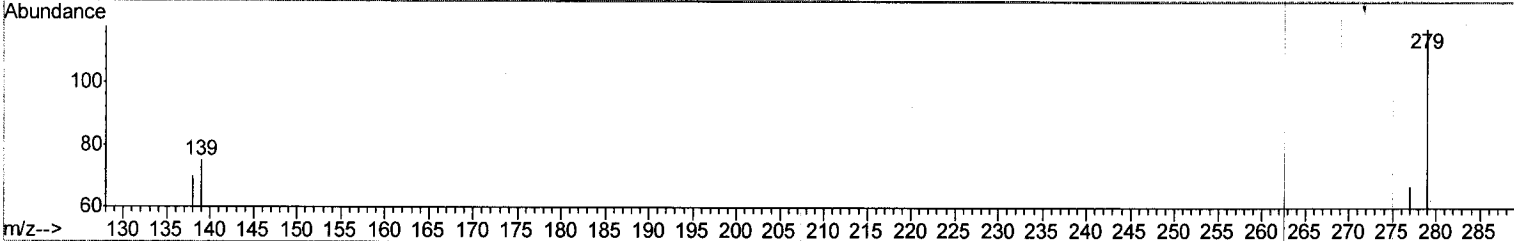
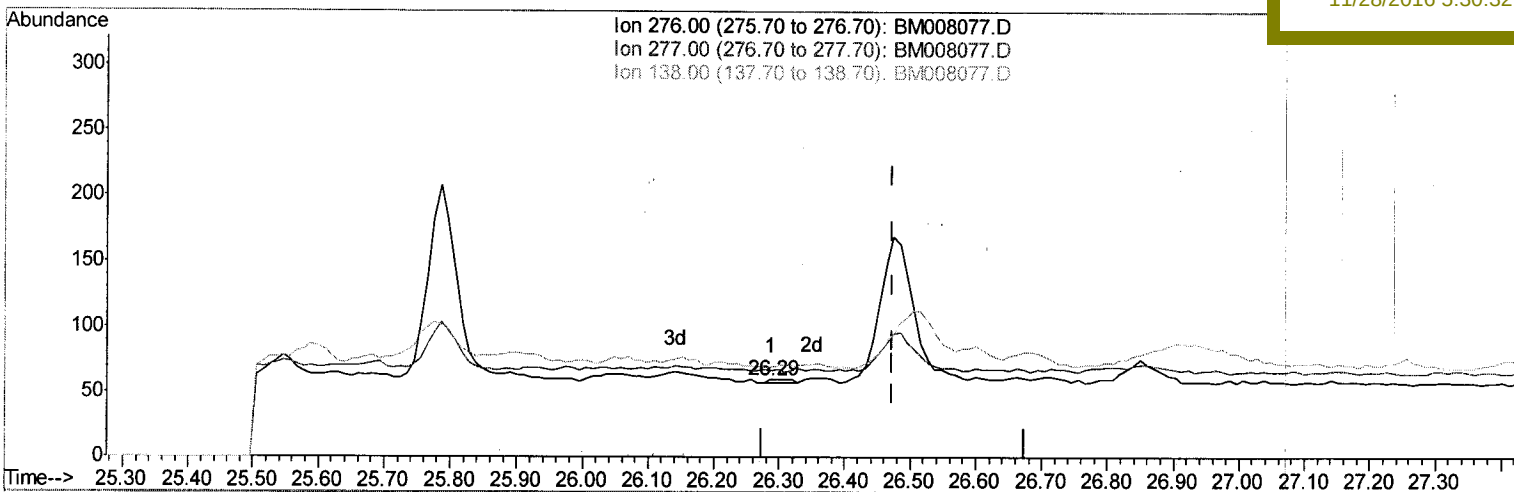
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TIC: BM008077.D

(26) Benzo(g,h,i)perylene
 26.287min (-0.187) 0.00ng/ul
 response 5

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	111.67#
138.00	25.60	116.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

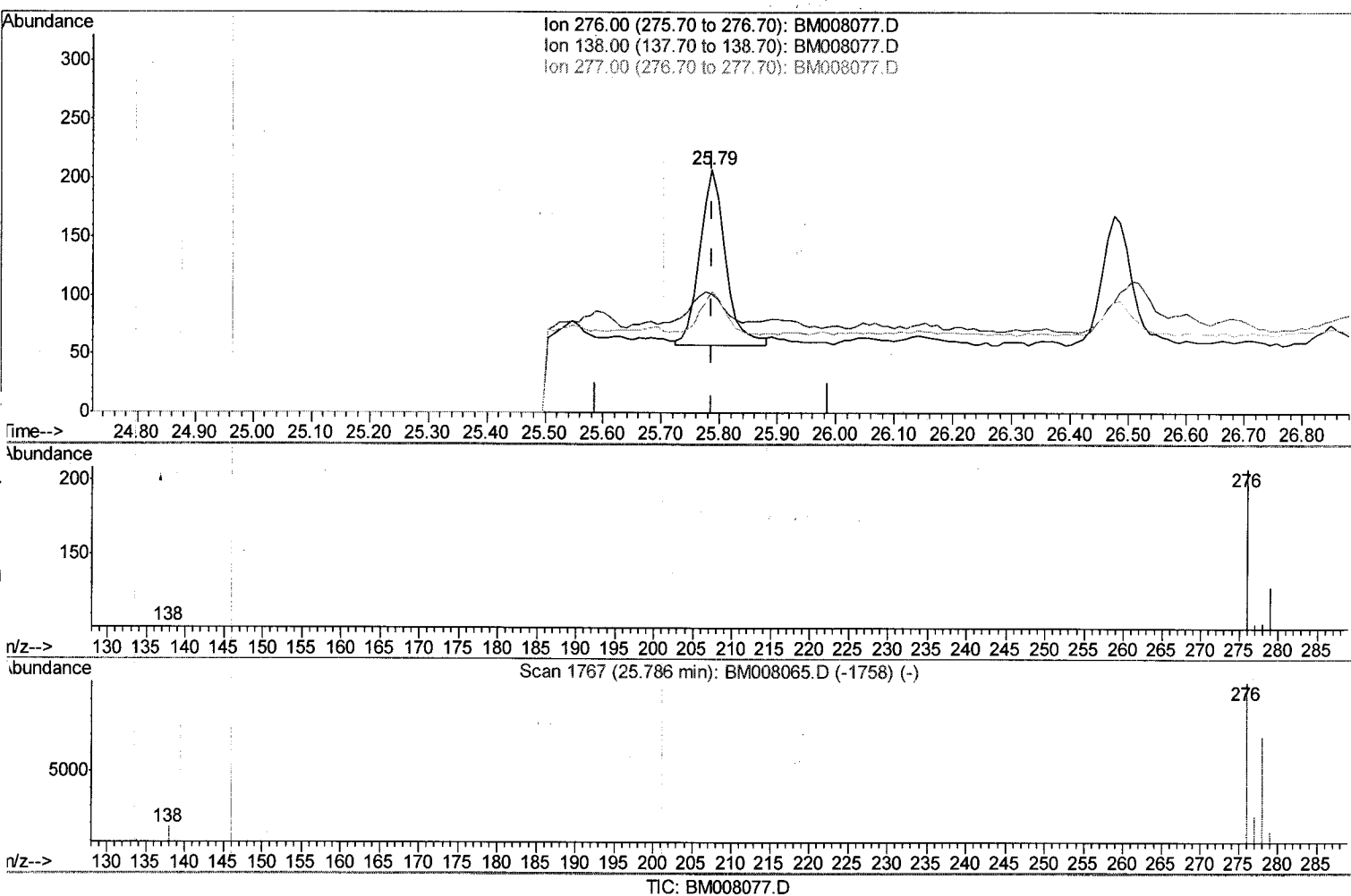
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(24) Indeno(1,2,3-cd)pyrene

25.786min (+0.000) 0.04ng/ul m

response 462

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	231.82#
0.00	0.00	0.00

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Quantitation Report (Qedit)

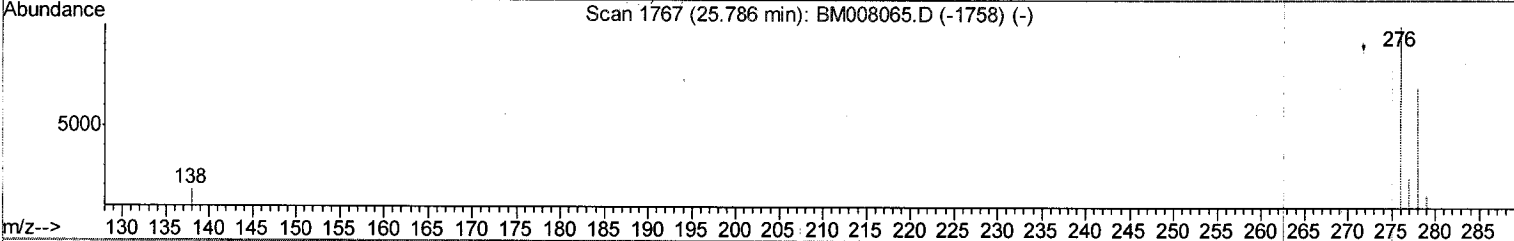
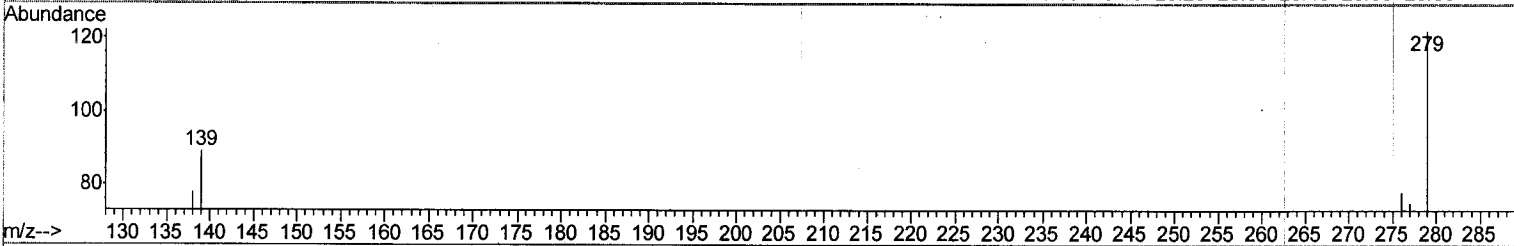
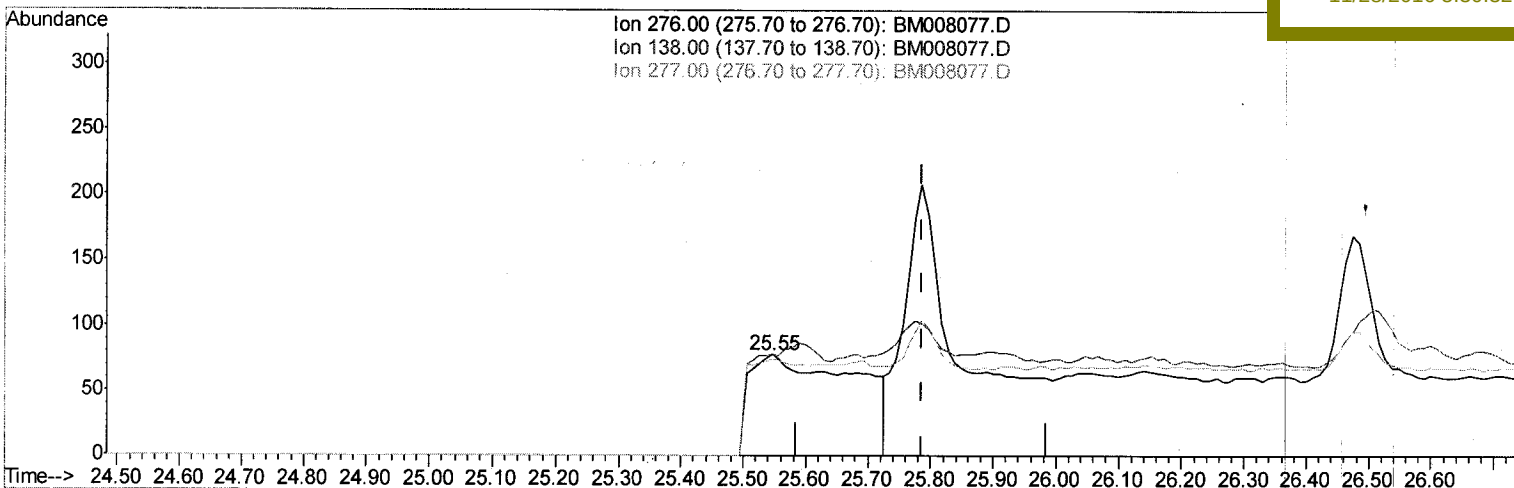
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TIC: BM008077.D

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

25.547min (-0.240) 0.09ng/ul

response 907

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	118.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

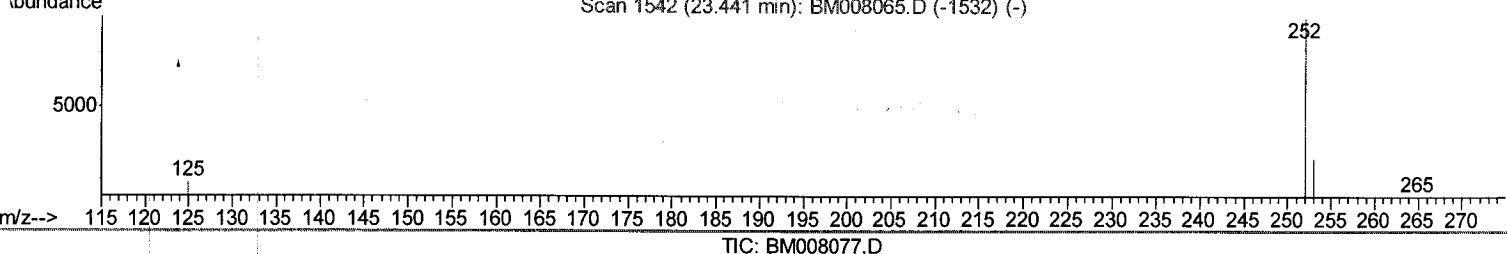
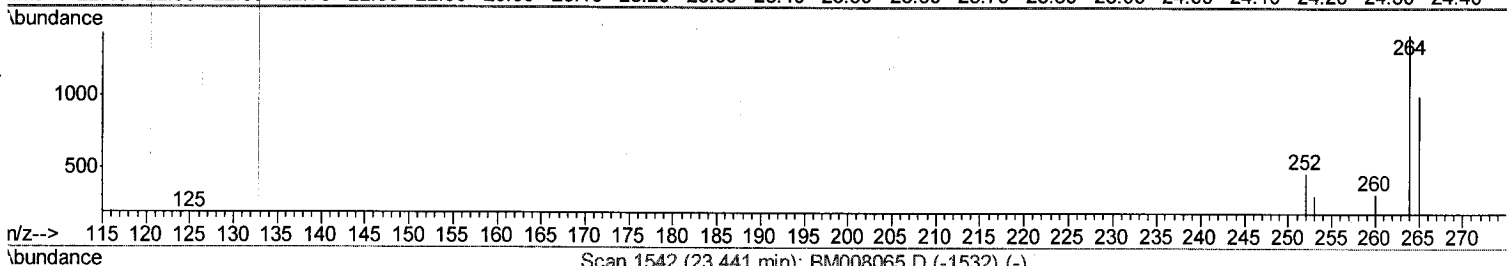
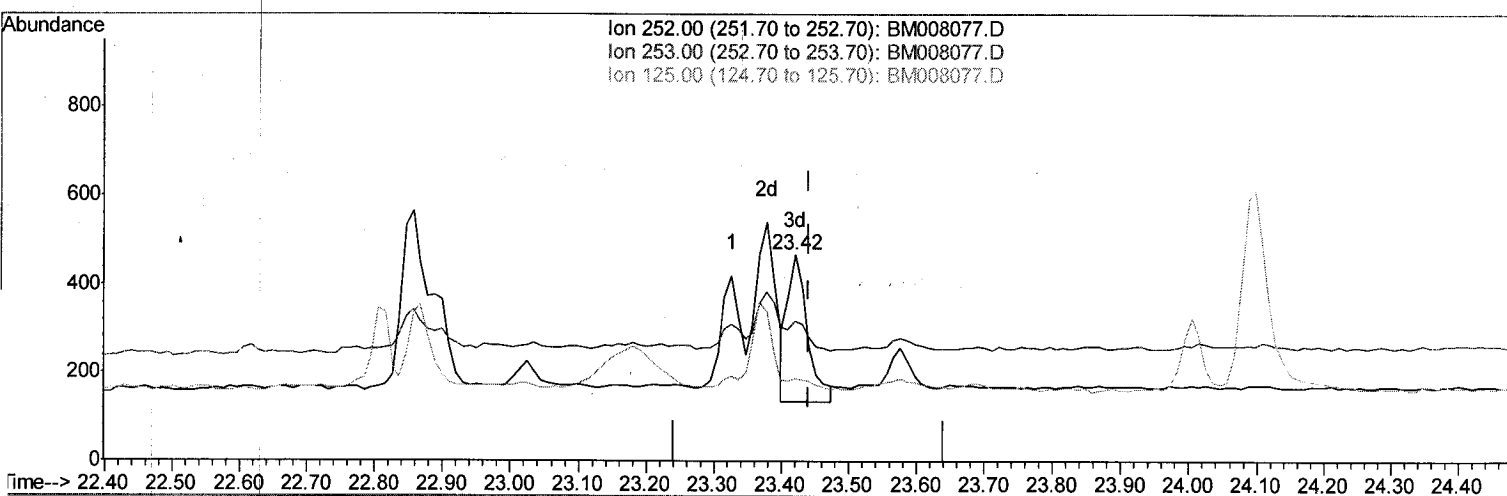
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(23) Benzo(a)pyrene (C)

23.420min (-0.021) 0.08ng/ul m

response 679

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	67.80#
125.00	22.60	39.87#
0.00	0.00	0.00

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Quantitation Report (Qedit)

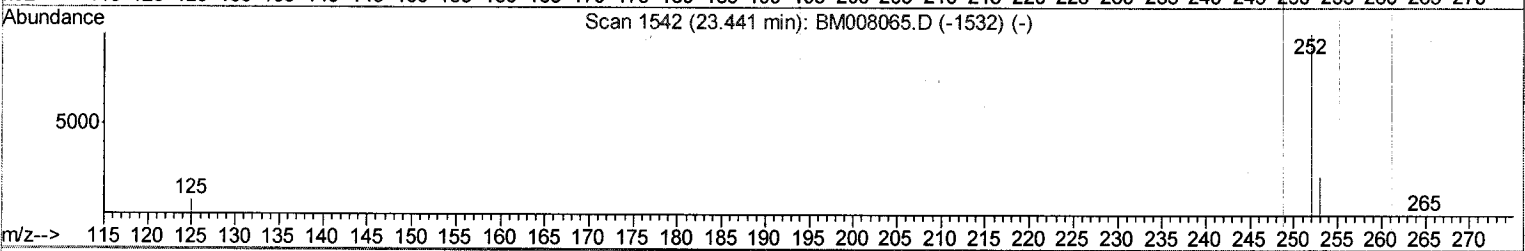
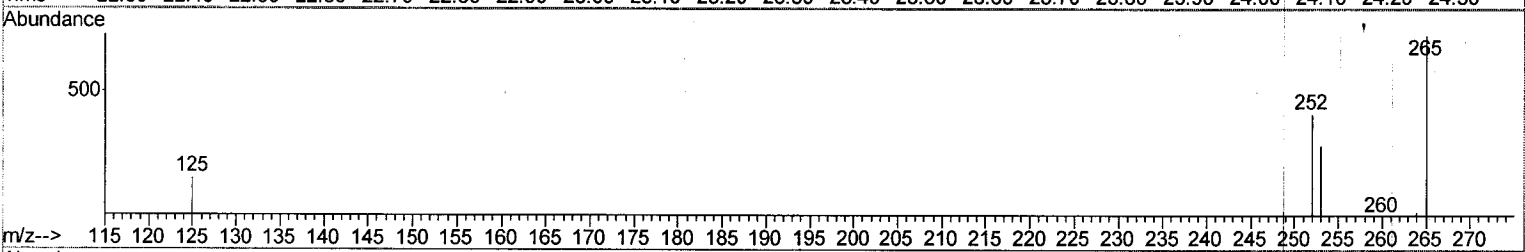
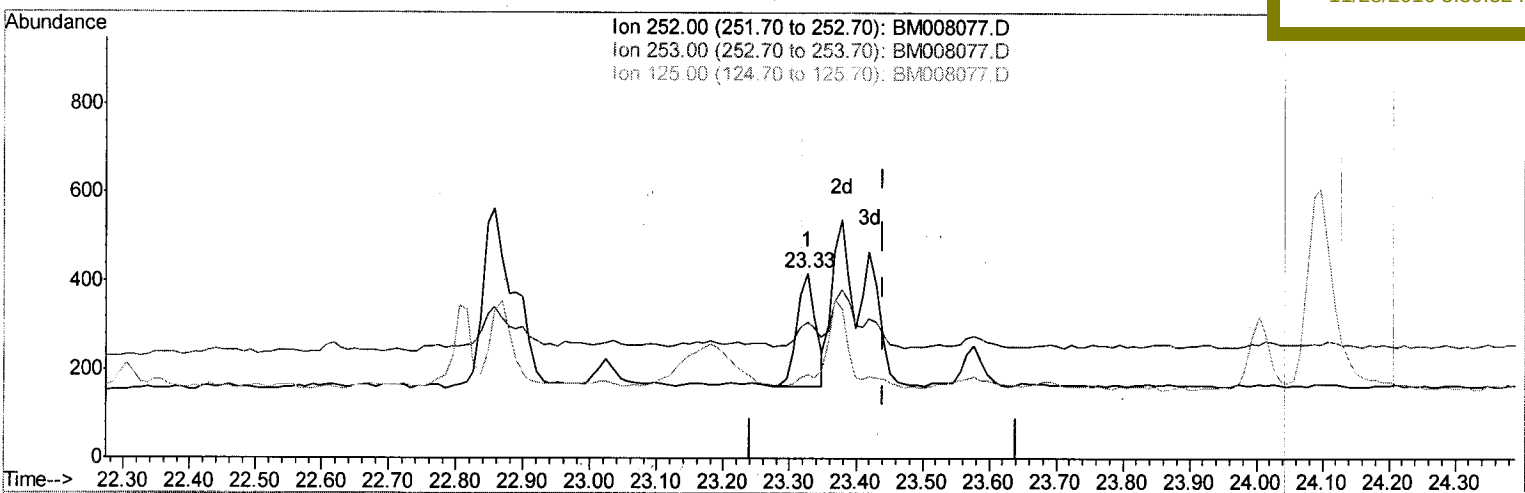
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 Operator : UM/SJ
 Sample : H5701-15
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM008077.D

(23) Benzo(a)pyrene (C)

23.326min (-0.114) 0.06ng/ul

response 493

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	73.40#
125.00	22.60	45.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

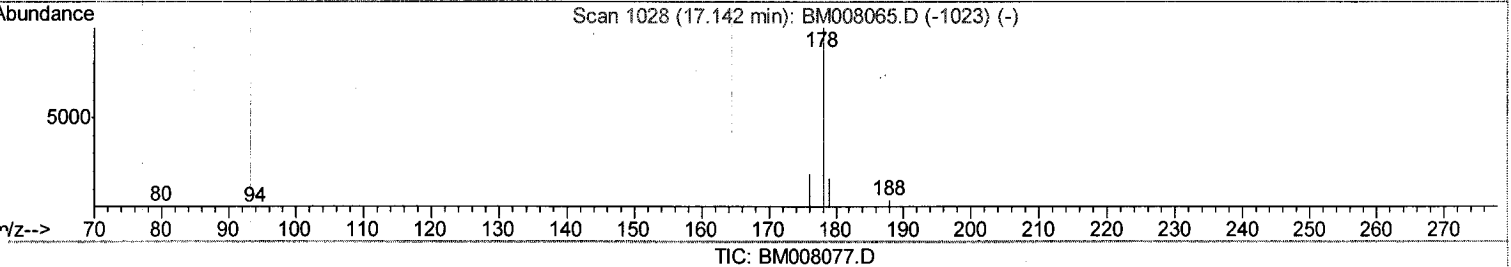
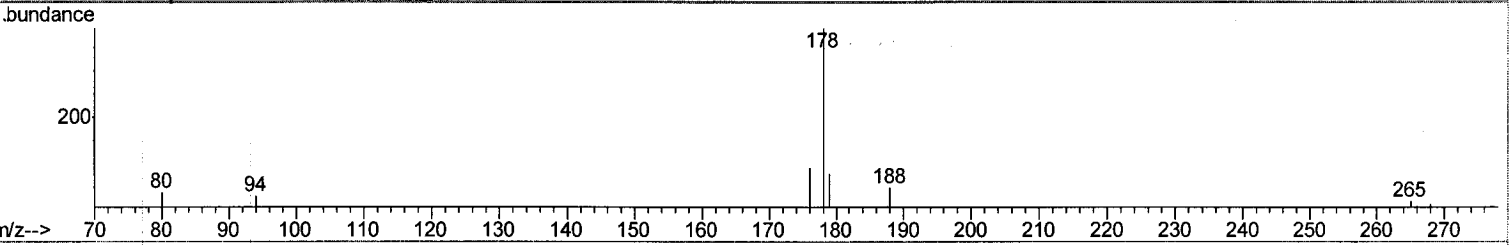
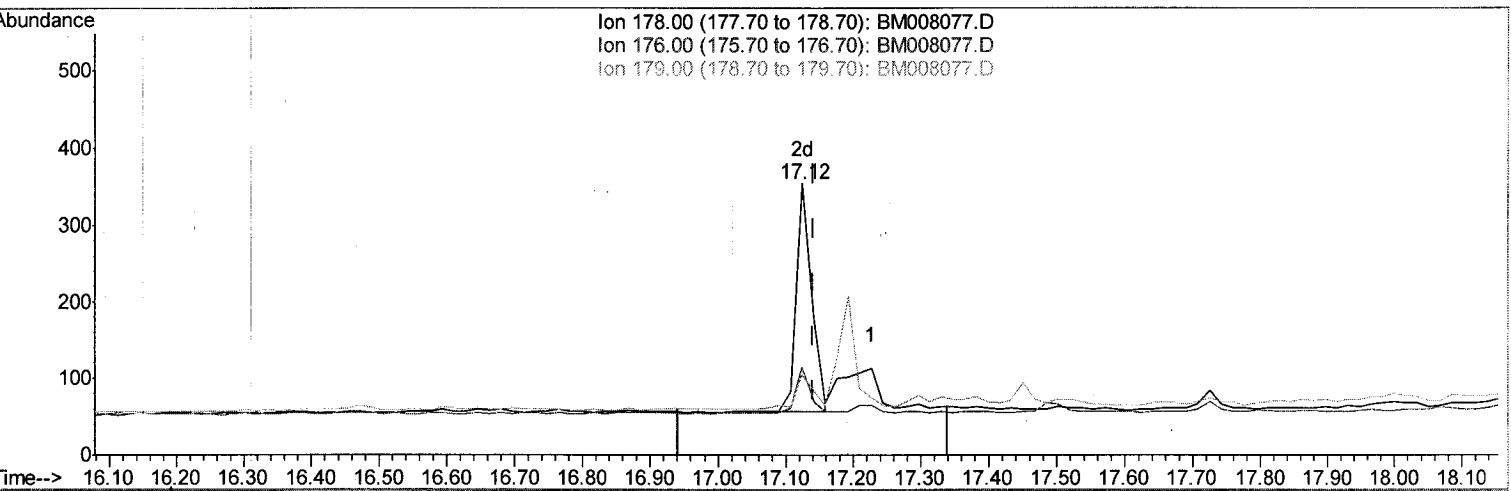
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 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM008077.D

(12) Phenanthrene

17.125min (-0.017) 0.05ng/ul m > S. J.
 11/29/16

response 467

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	32.49#
179.00	17.00	29.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

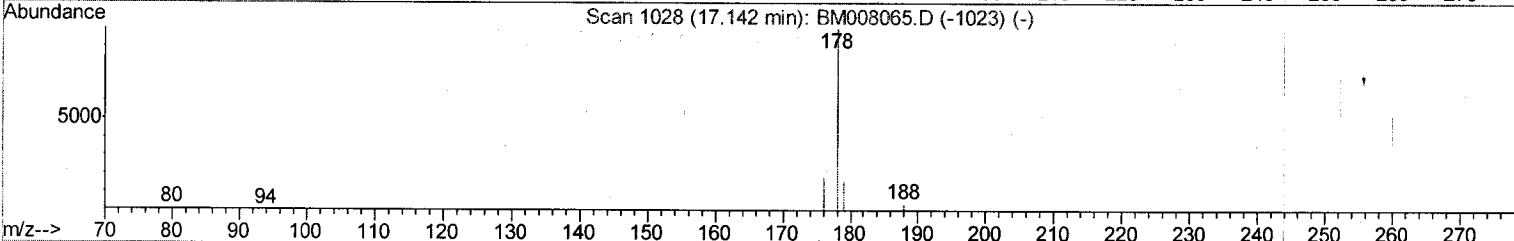
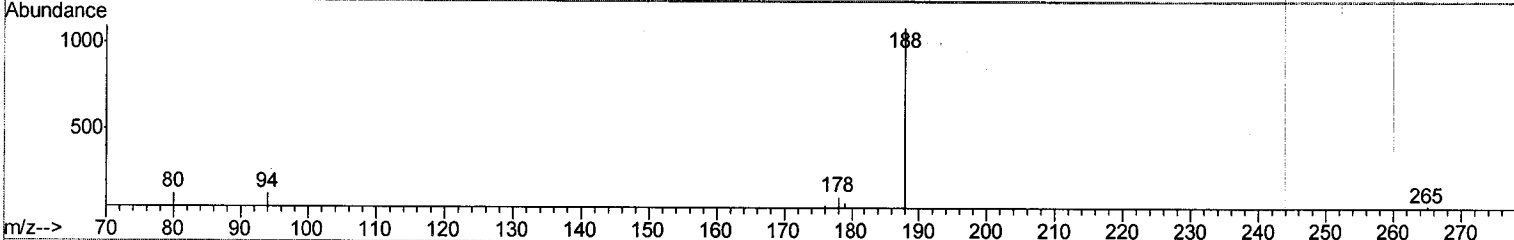
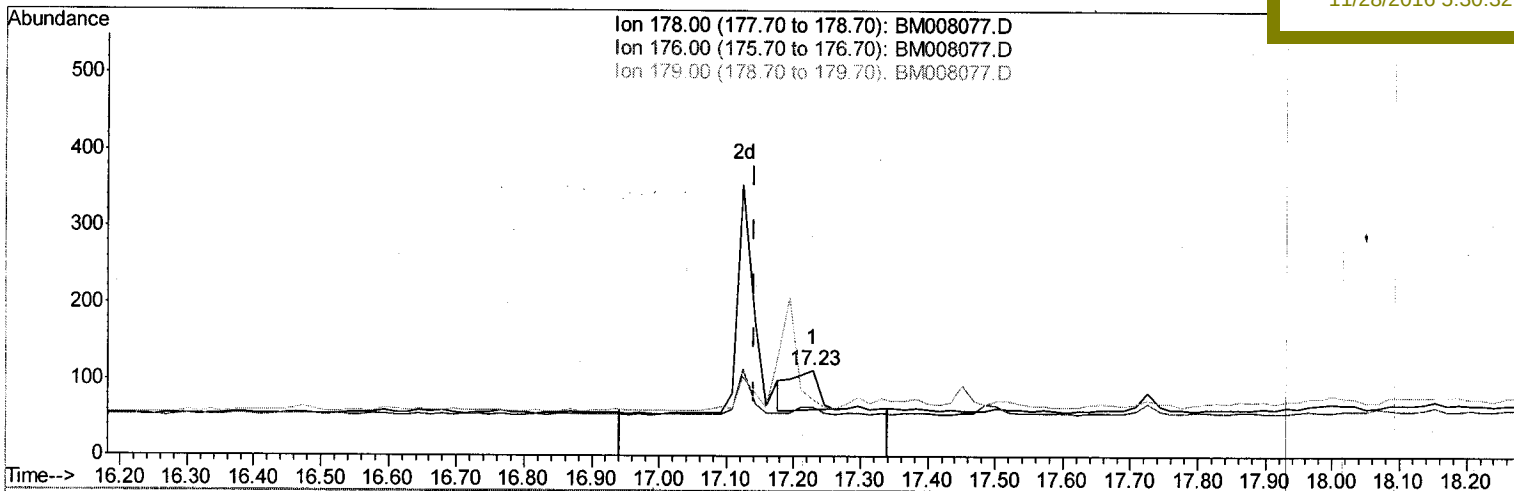
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 Misc :
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 BNA_M
 ClientSampleId :
 A4WE5

Manual Integrations
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 11/28/2016 5:30:32 PM



TIC: BM008077.D

(12) Phenanthrene

17.228min (+0.086) 0.02ng/ul

response 147

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	56.64#
179.00	17.00	65.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

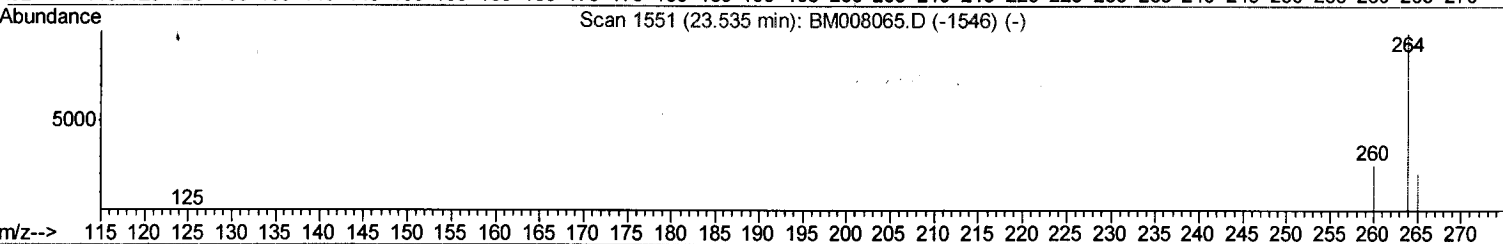
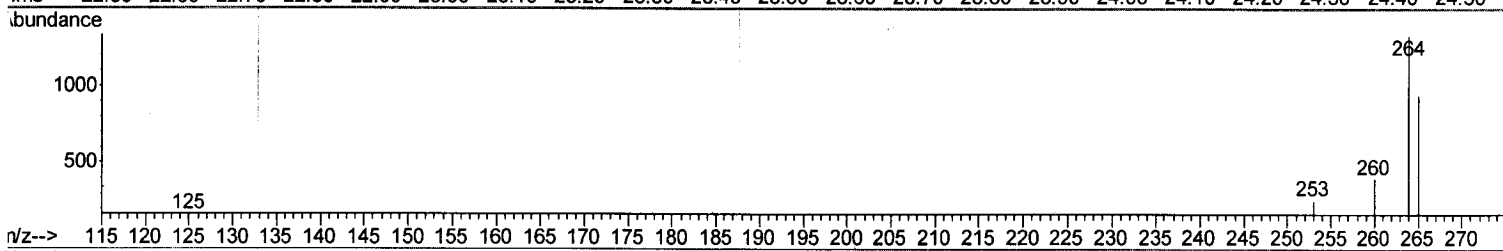
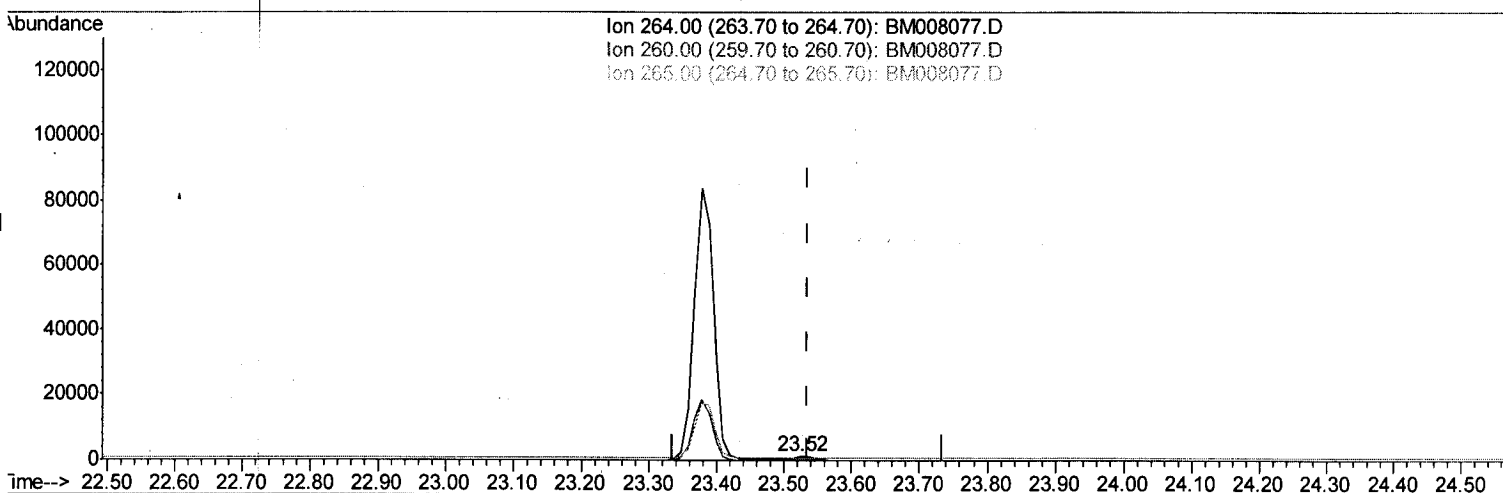
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 Sample: H5701-15
 Misc:
 ALS Vial: 43 Sample Multiplier: 1

Instrument:
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 Client Sampled:
 A4WE5

Manual Integrations
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TIC: BM008077.D

(20) Perylene-d12 (I)

23.524min (-0.010) 0.40ng/ul m

response 2223

Ion Exp% Act%

264.00 100 100

260.00 30.10 29.92

265.00 103.50 70.68#

0.00 0.00 0.00

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Quantitation Report (Qedit)

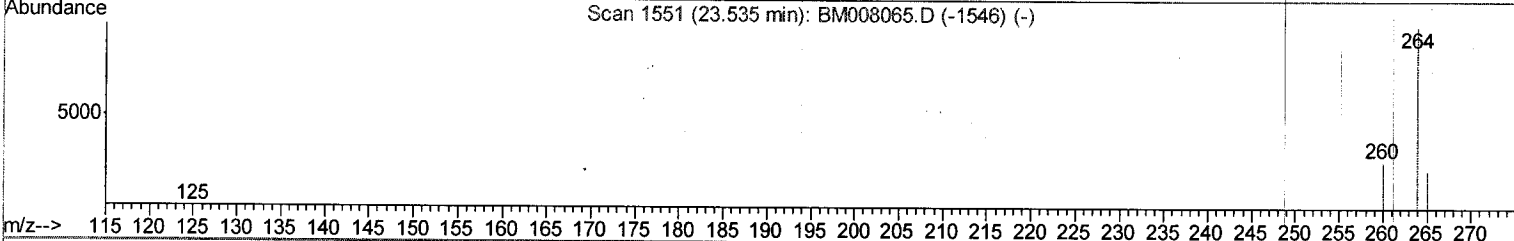
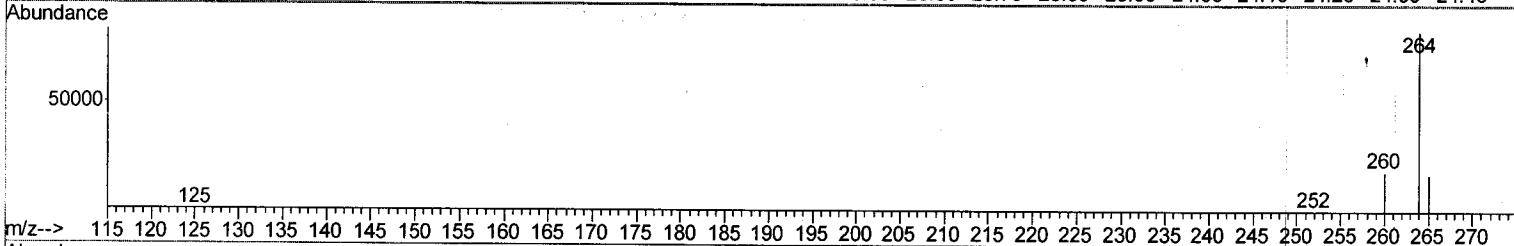
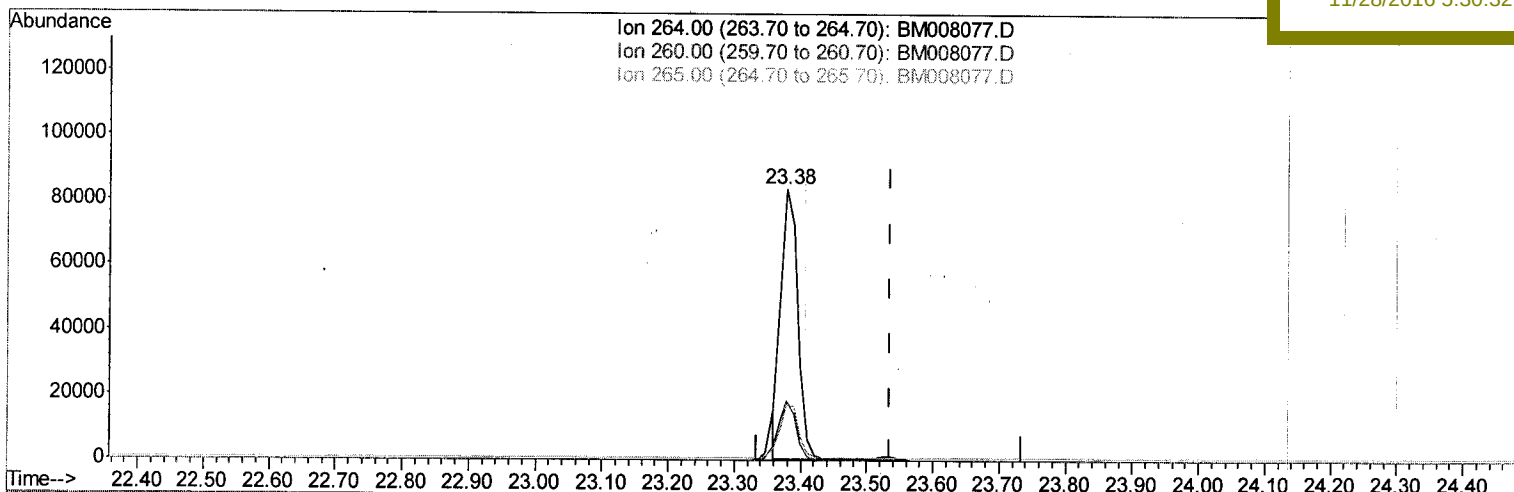
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TIC: BM008077.D

(20) Perylene-d12 (I)

23.378min (-0.156) 0.40ng/ul

response 152149

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.36#
265.00	103.50	21.10#
0.00	0.00	0.00

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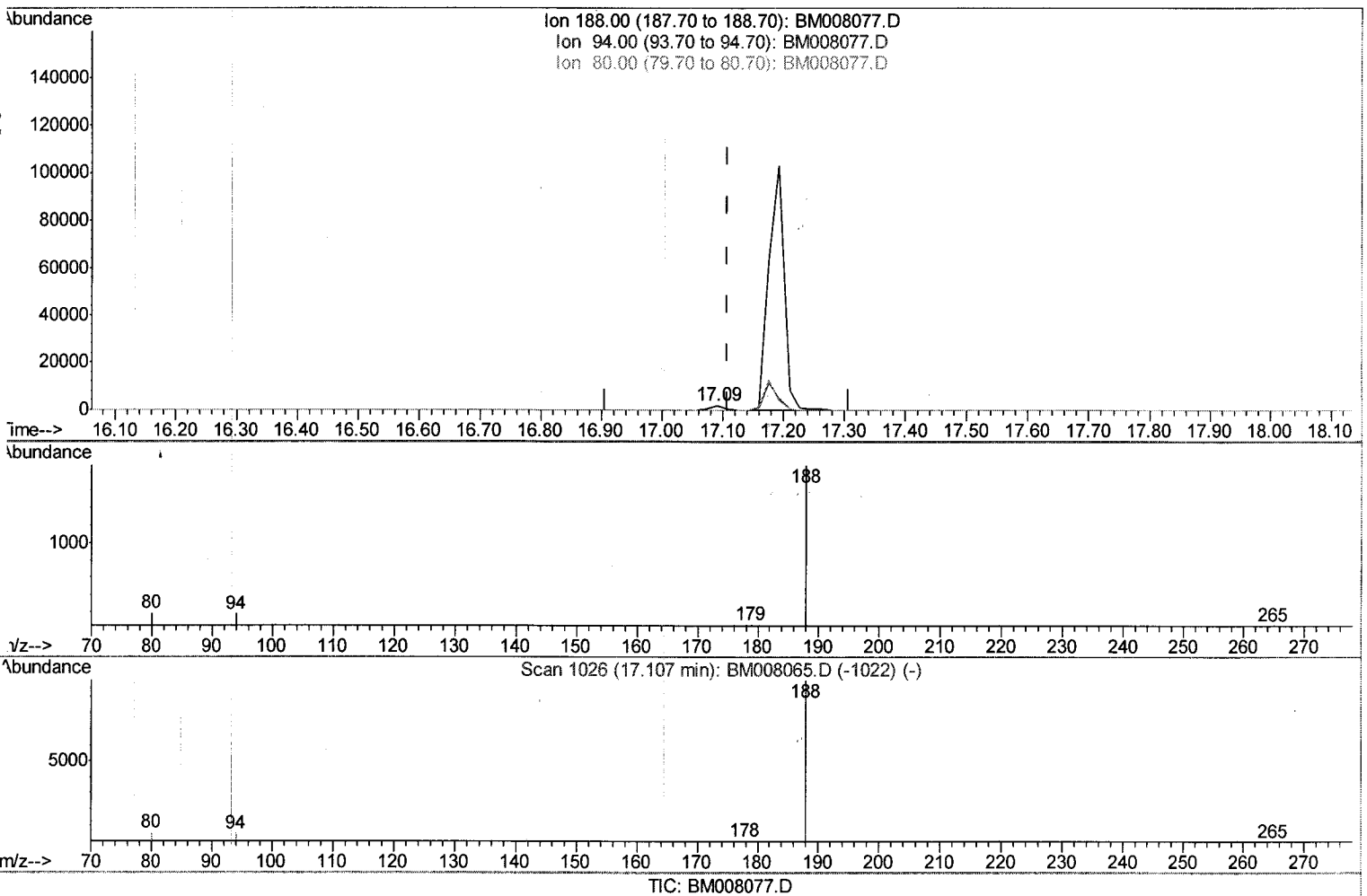
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(10) Phenanthrene-d10 (I)

17.090min (-0.017) 0.40ng/ul m

response 2867

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.82
80.00	11.80	10.14
0.00	0.00	0.00

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Quantitation Report (Qedit)

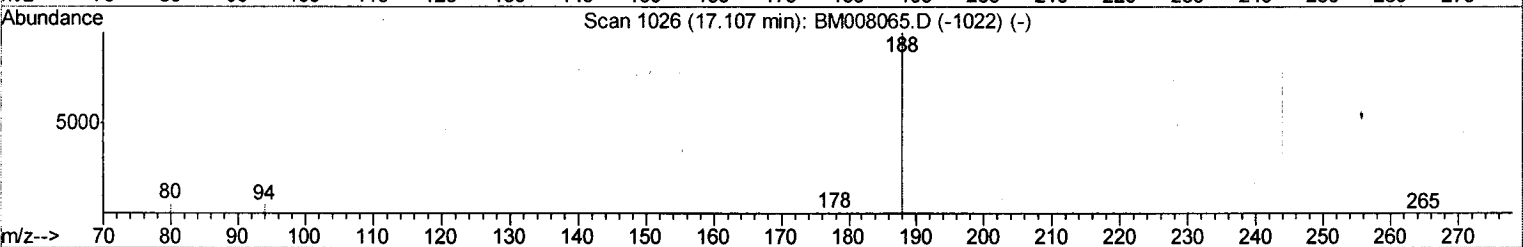
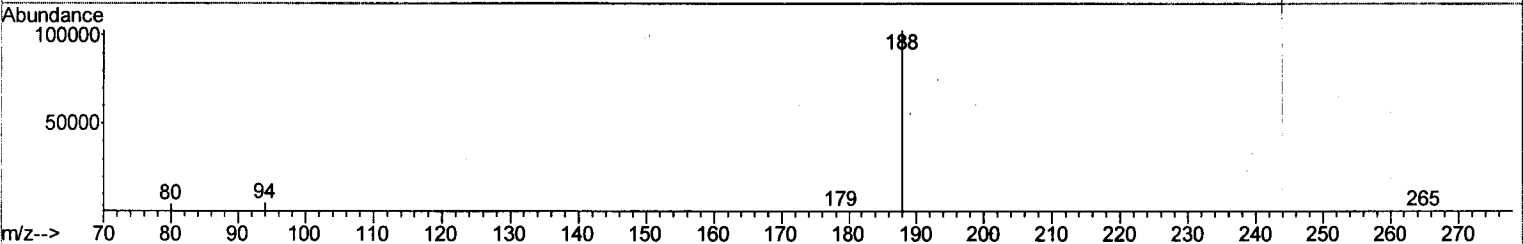
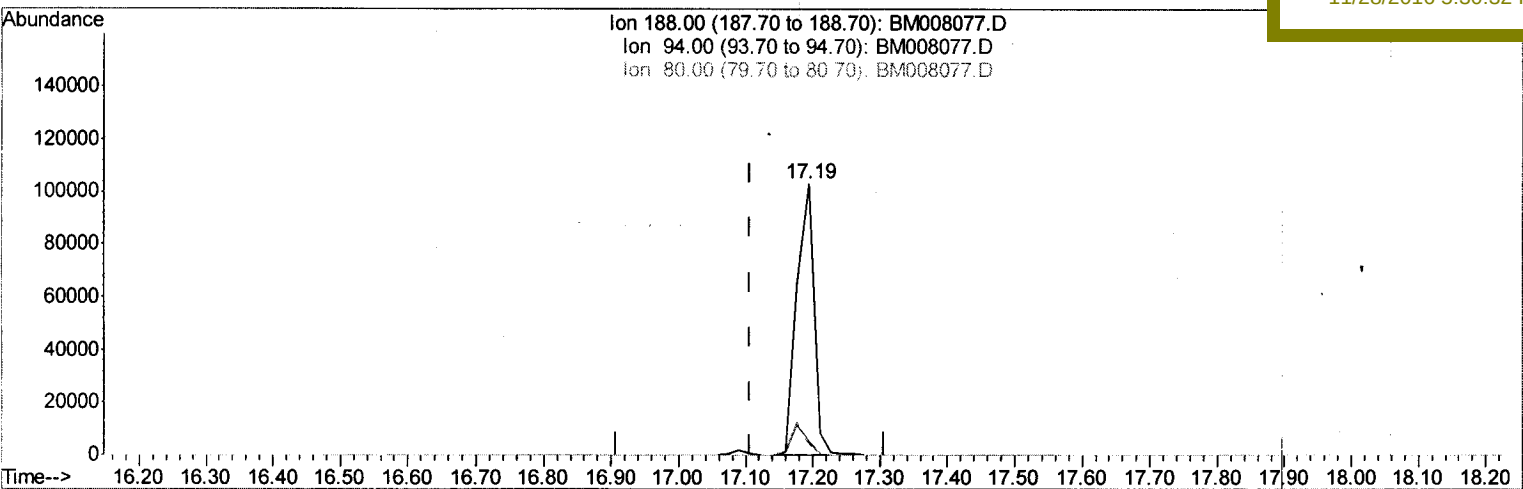
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TIC: BM008077.D

(10) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 183298

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	4.82#
80.00	11.80	3.93#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	684	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2339	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1448	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2867m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2807	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	2223m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	1049	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	2283	0.28	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.12	178	467m	0.05	ng/ul	
15) Fluoranthene	19.16	202	1450	0.13	ng/ul	92
17) Pyrene	19.52	202	1632	0.17	ng/ul#	93
18) Benzo(a)anthracene	21.27	228	557	0.06	ng/ul#	71
19) Chrysene	21.32	228	707	0.07	ng/ul#	76
23) Benzo(a)pyrene	23.42	252	679m	0.08	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	462m	0.04	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	426m	0.05	ng/ul	

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