

Quantitation Report (QT Reviewed)

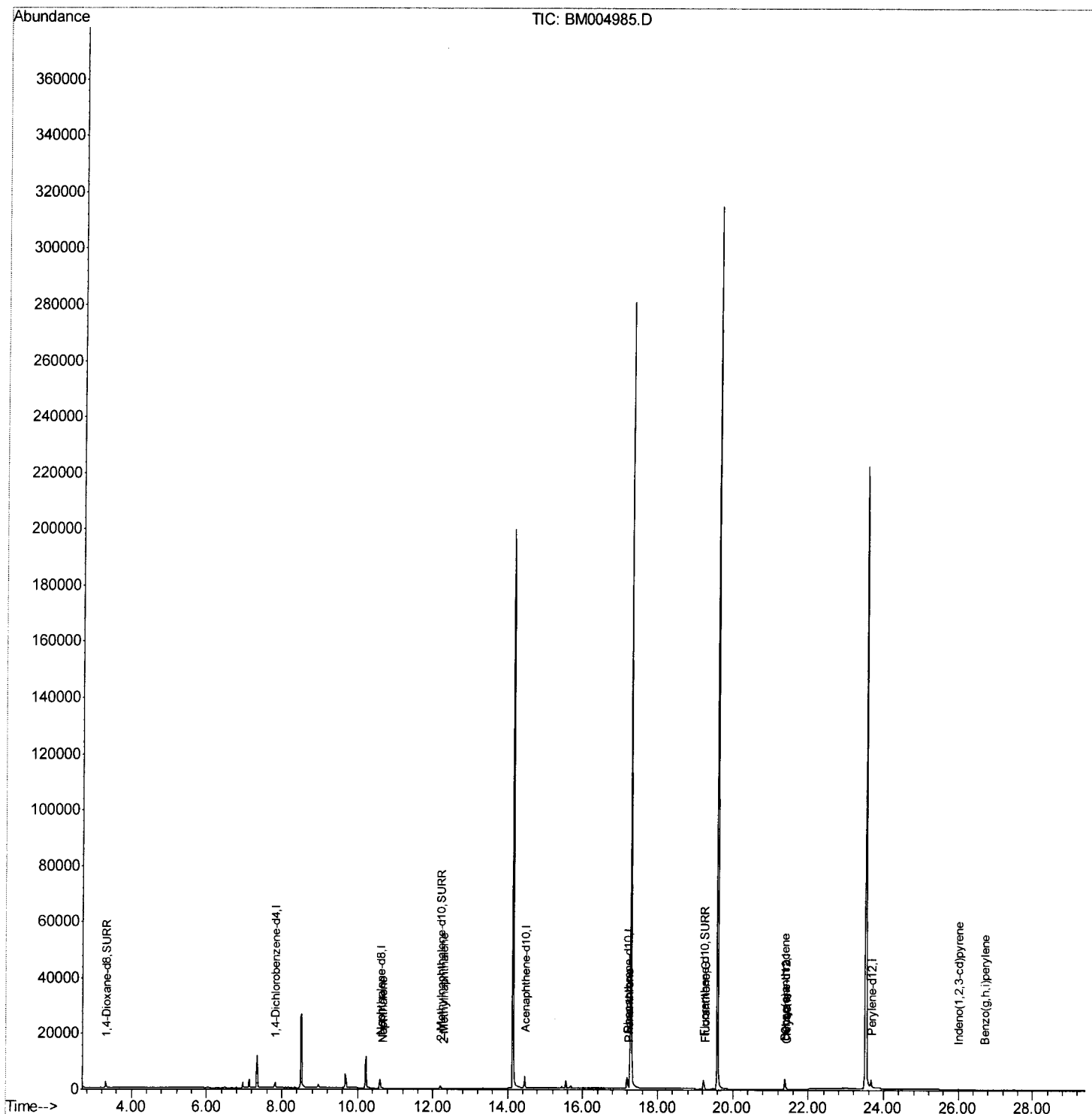
Data Path : Z:\HPCHEM1\BNA_M\Data\BM041816\
 Data File : BM004985.D
 Acq On : 18 Apr 2016 22:34
 Operator : UM/SJ
 Sample : H2298-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9TA2

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:29:55 PM

Quant Time: Apr 19 09:23:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 08:25:48 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

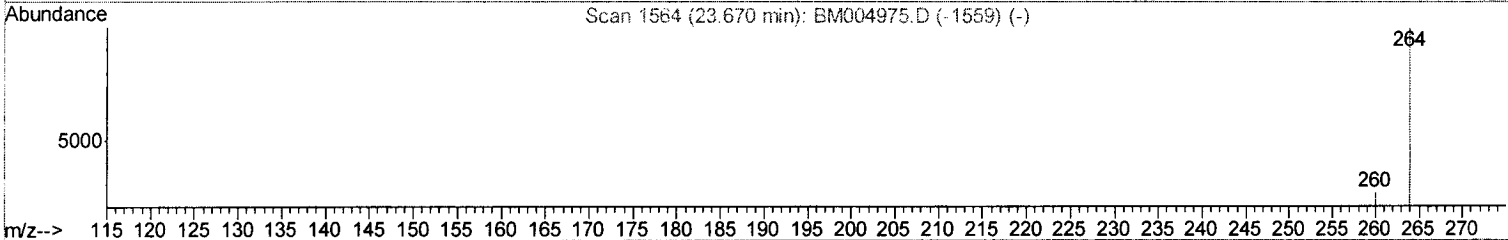
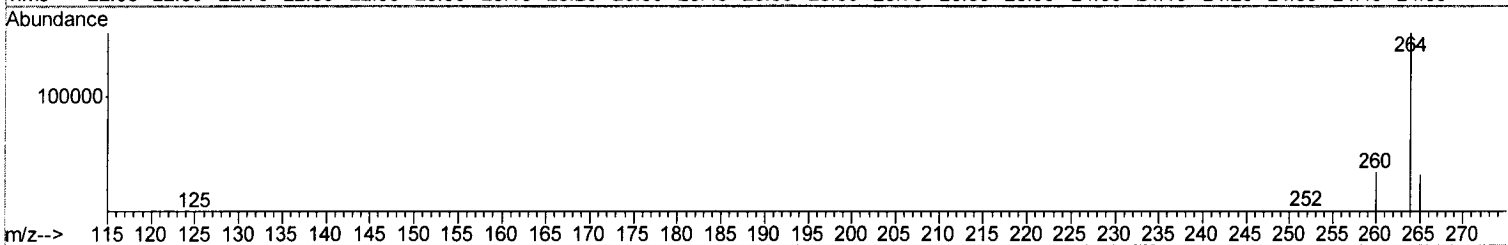
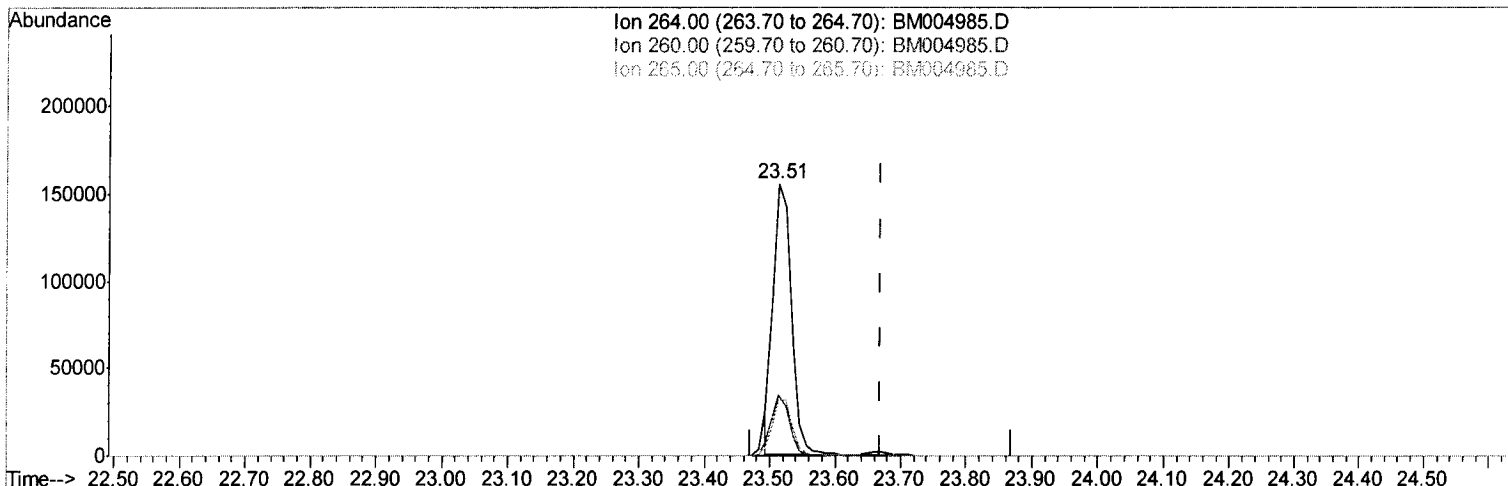
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Quant Time: Apr 25 01:40:46 2016
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TIC: BM004985.D

(22) Perylene-d12 (I)

23.514min (-0.156) 0.40ng/ul

response 296397

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.06
265.00	38.20	20.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

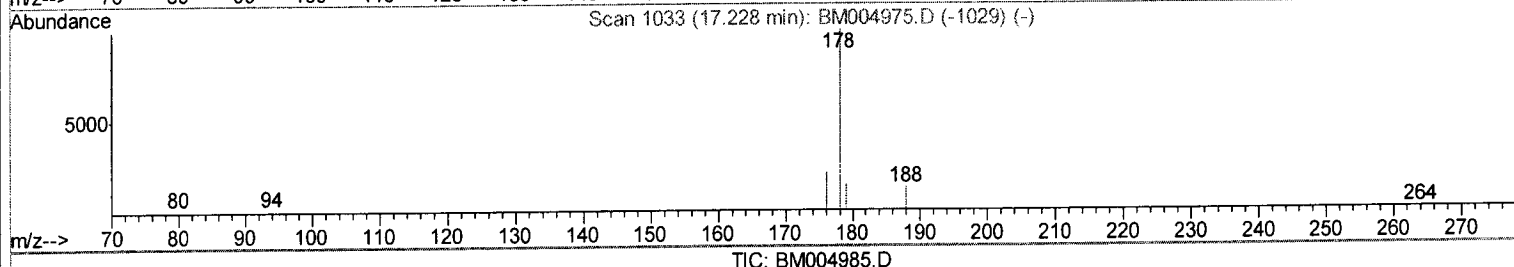
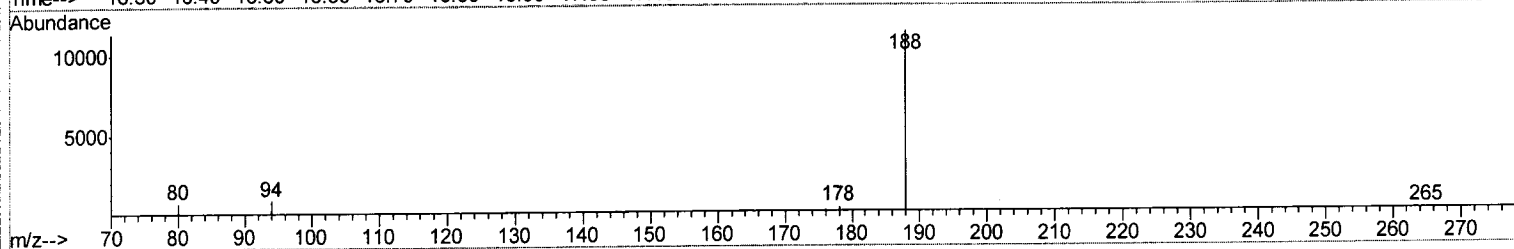
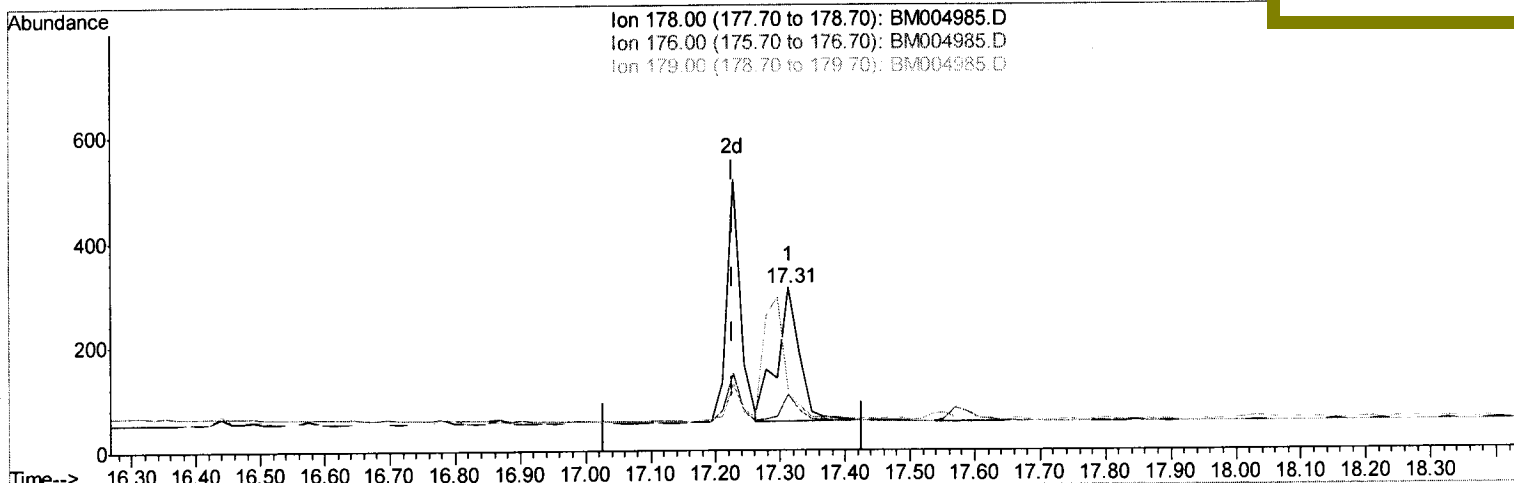
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(14) Phenanthrene

17.313min (+0.086) 0.00ng/ul

response 613

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	33.98#
179.00	17.70	36.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

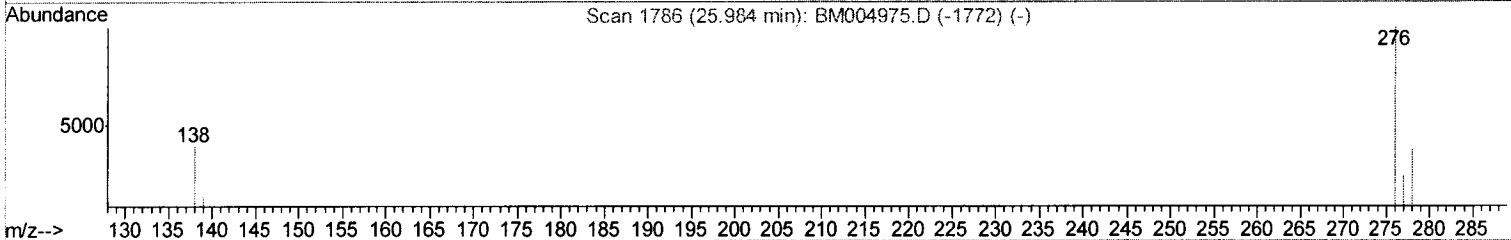
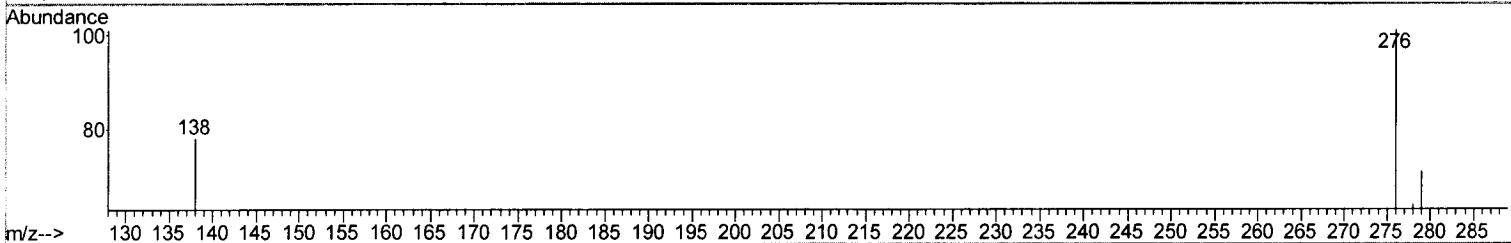
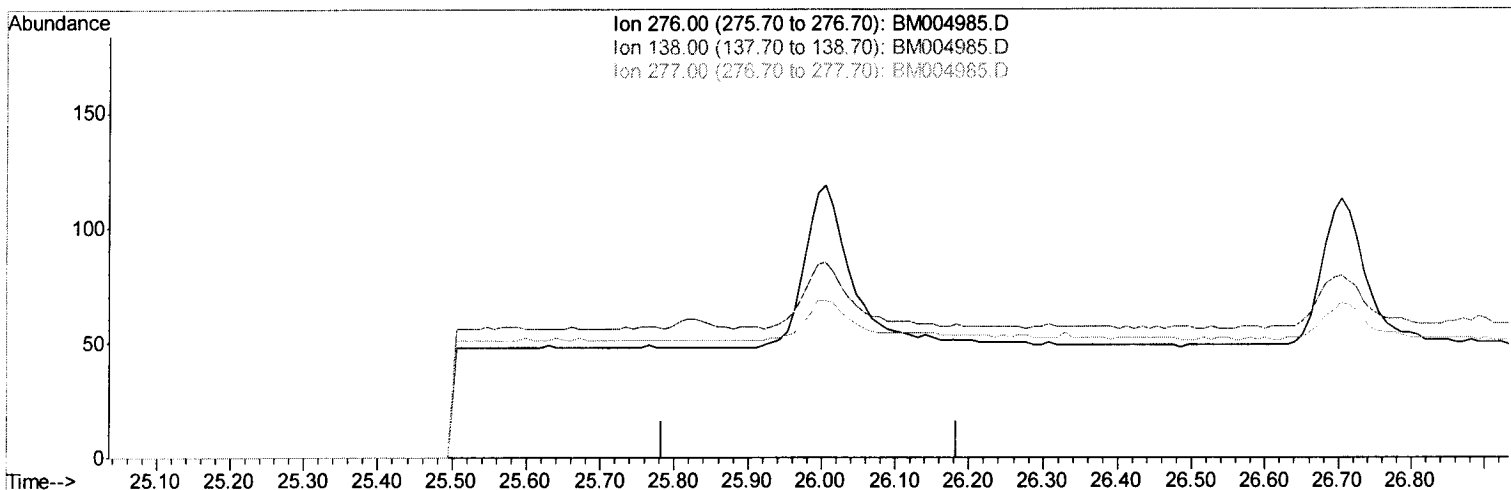
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(26) Indeno(1,2,3-cd)pyrene

25.984min (-25.984) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	20.40	0.00#
277.00	24.80	0.00#
0.00	0.00	0.00

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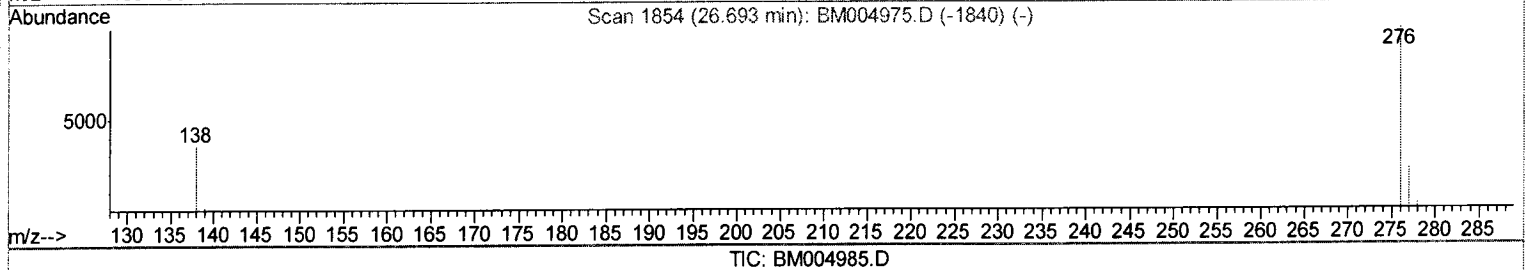
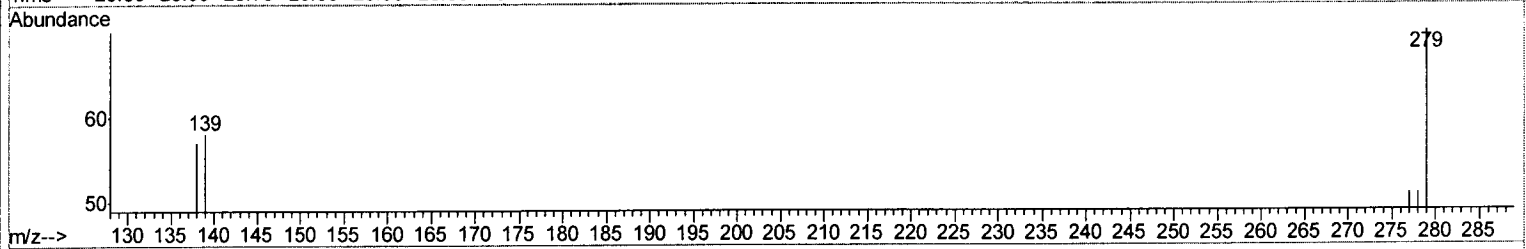
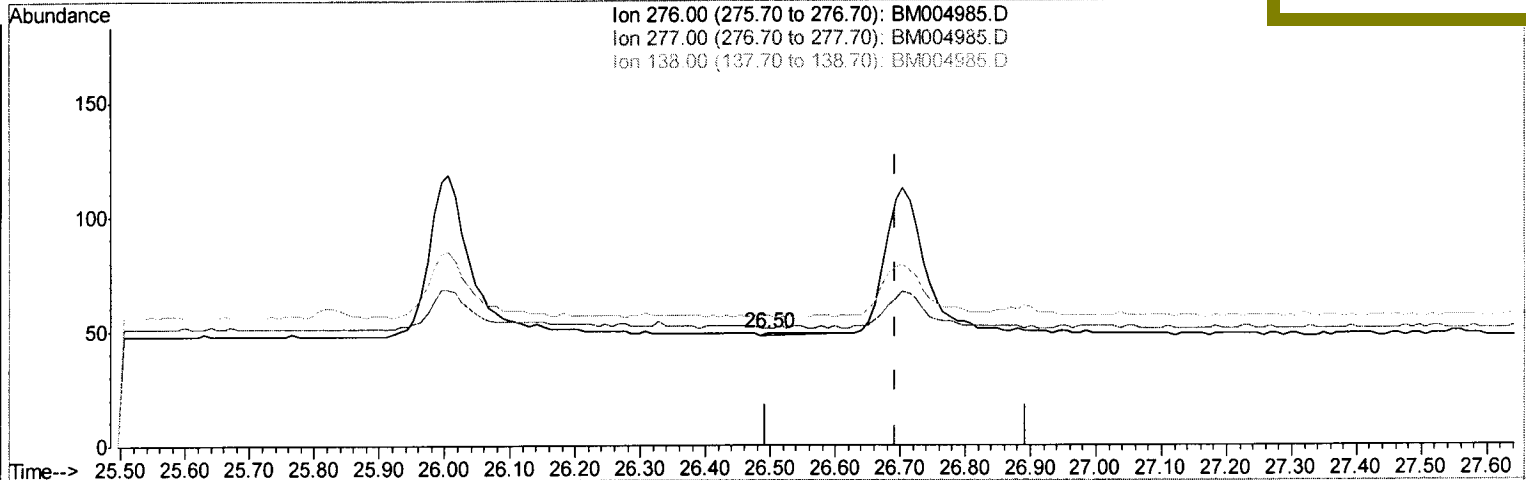
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 4/19/2016 6:29:55 PM



(28) Benzo(g,h,i)perylene
 26.495min (-0.198) 0.00ng/ul
 response 4

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	104.08#
138.00	28.10	116.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

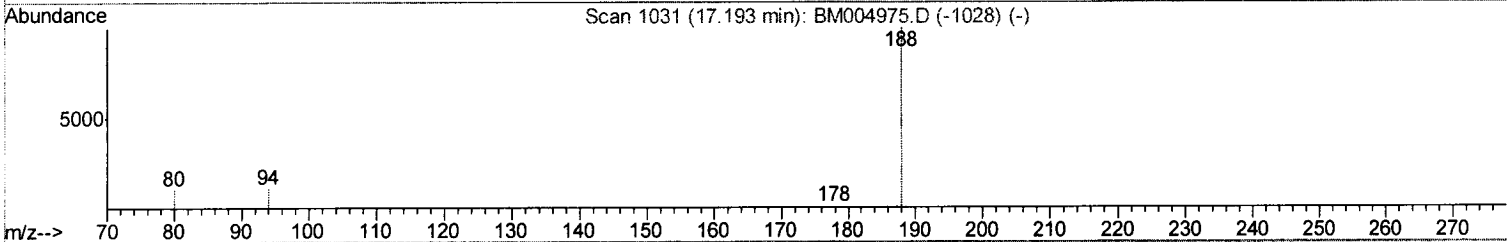
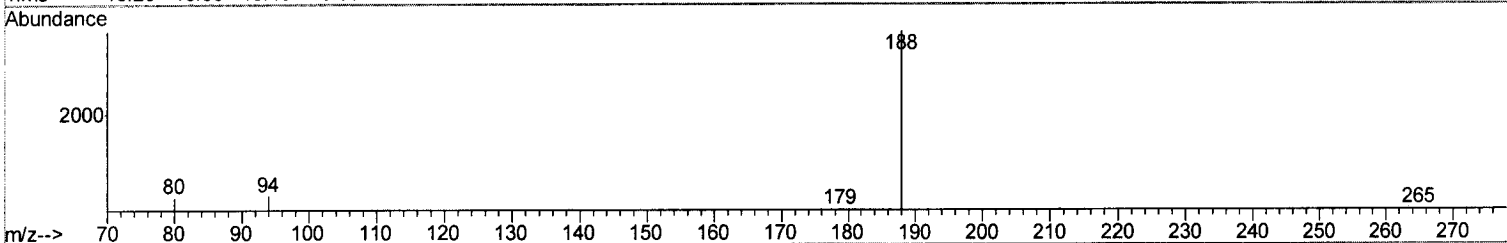
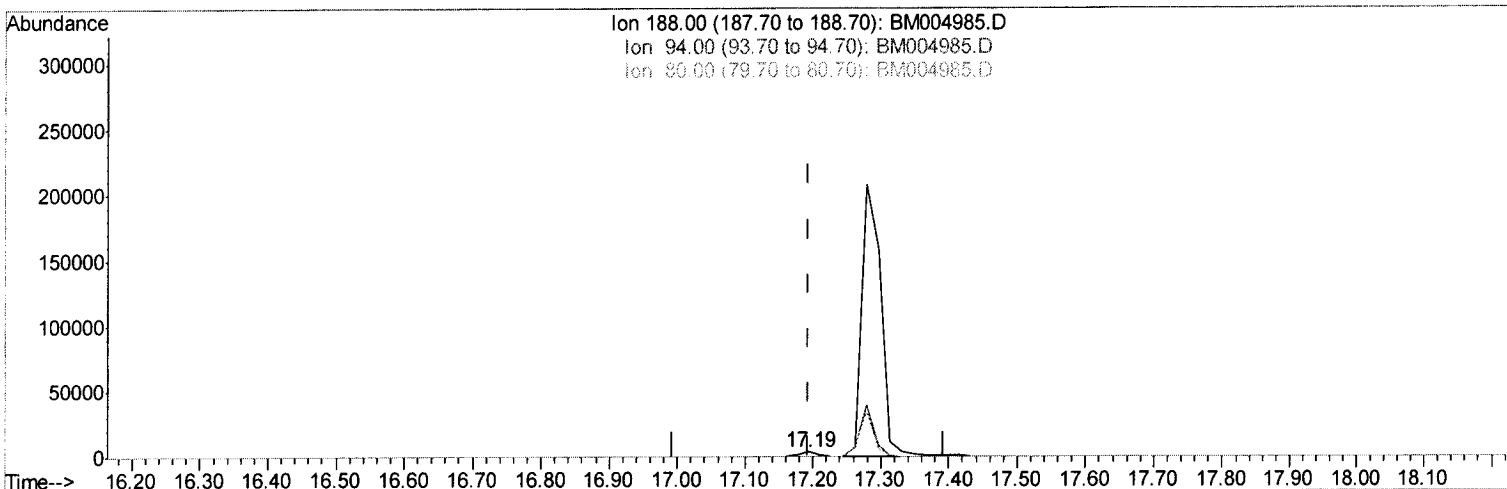
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 Operator : UM/SJ
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM004985.D

(12) Phenanthrene-d10 (I)

17.193min (+0.000) 0.40ng/ul m

response 5700

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.11#
80.00	11.90	8.20#
0.00	0.00	0.00

> U.M.
 04/25/16

Quantitation Report (Qedit)

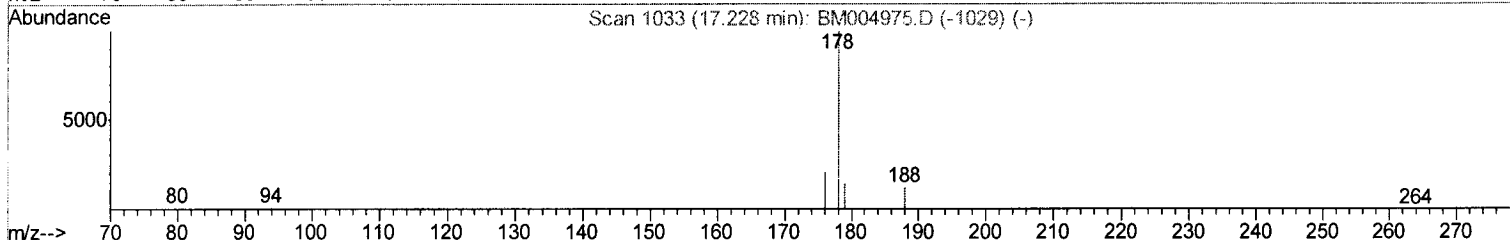
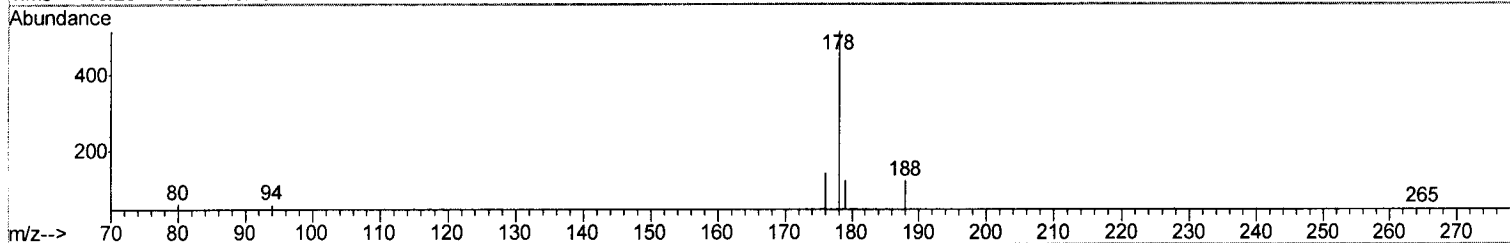
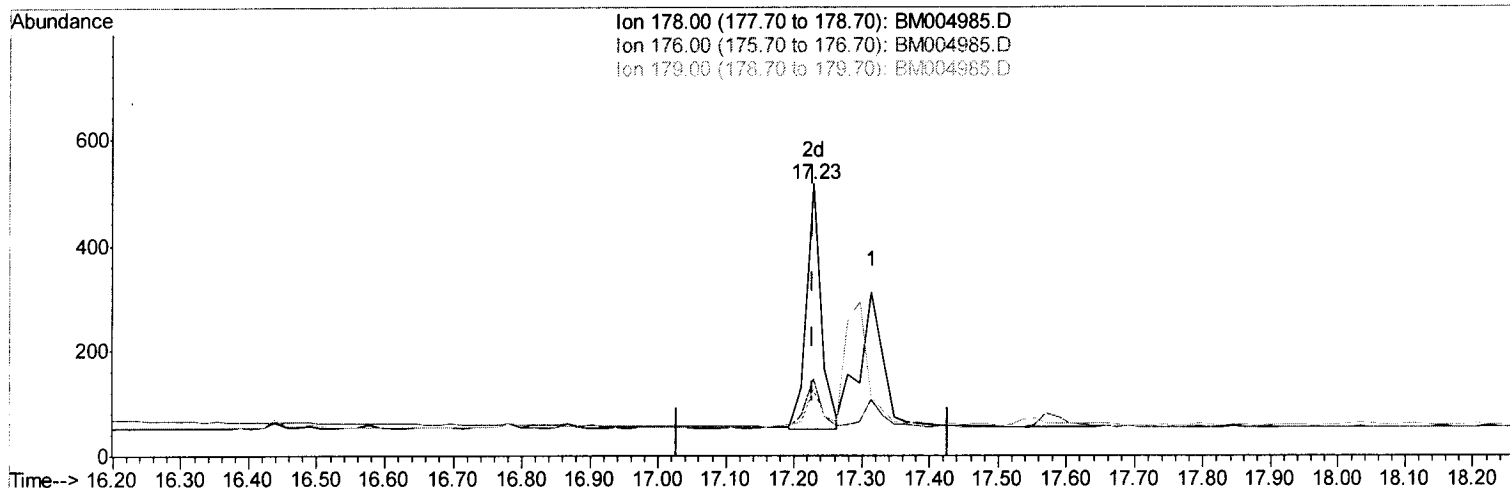
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:29:55 PM

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TIC: BM004985.D

(14) Phenanthrene

17.228min (+0.000) 0.04ng/ul m

response 696

Ion Exp% Act%

178.00 100 100

176.00 16.20 28.10#

179.00 17.70 24.03#

0.00 0.00 0.00

u.m.
 04/25/16

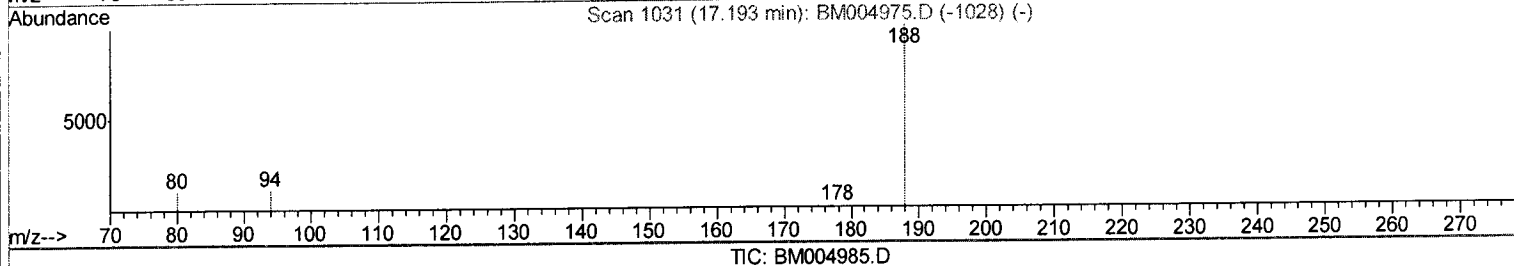
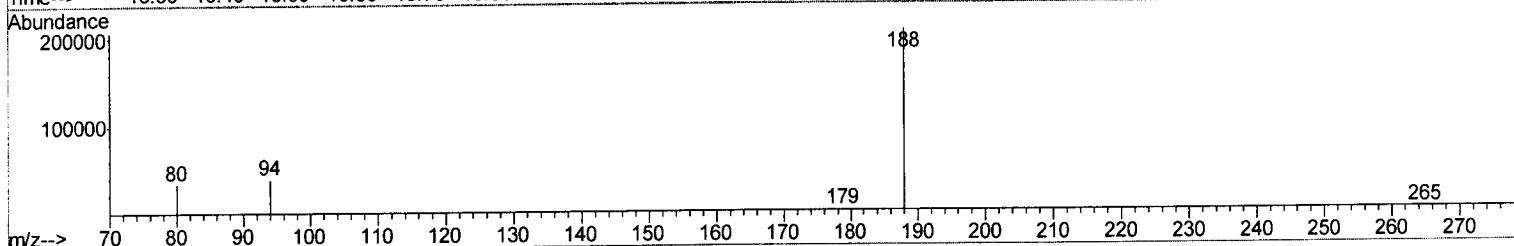
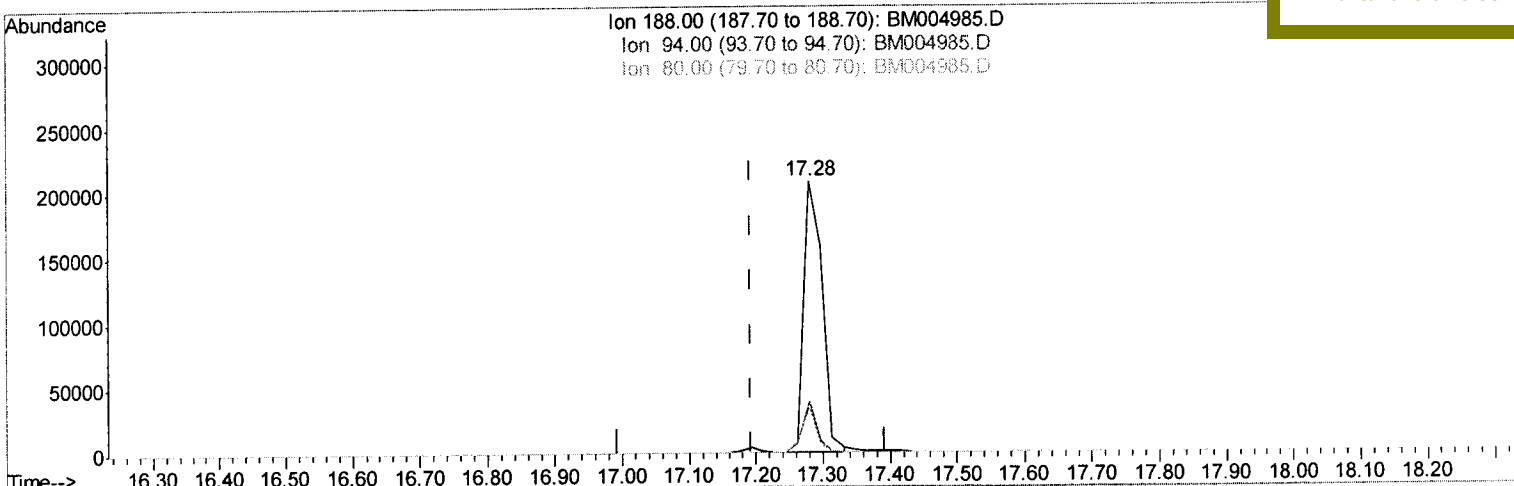
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Sohil
4/19/2016 6:29:55 PM



TIC: BM004985.D

(12) Phenanthrene-d10 (I)

17.279min (+0.086) 0.40ng/ul

response 398946

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	18.82#
80.00	11.90	16.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

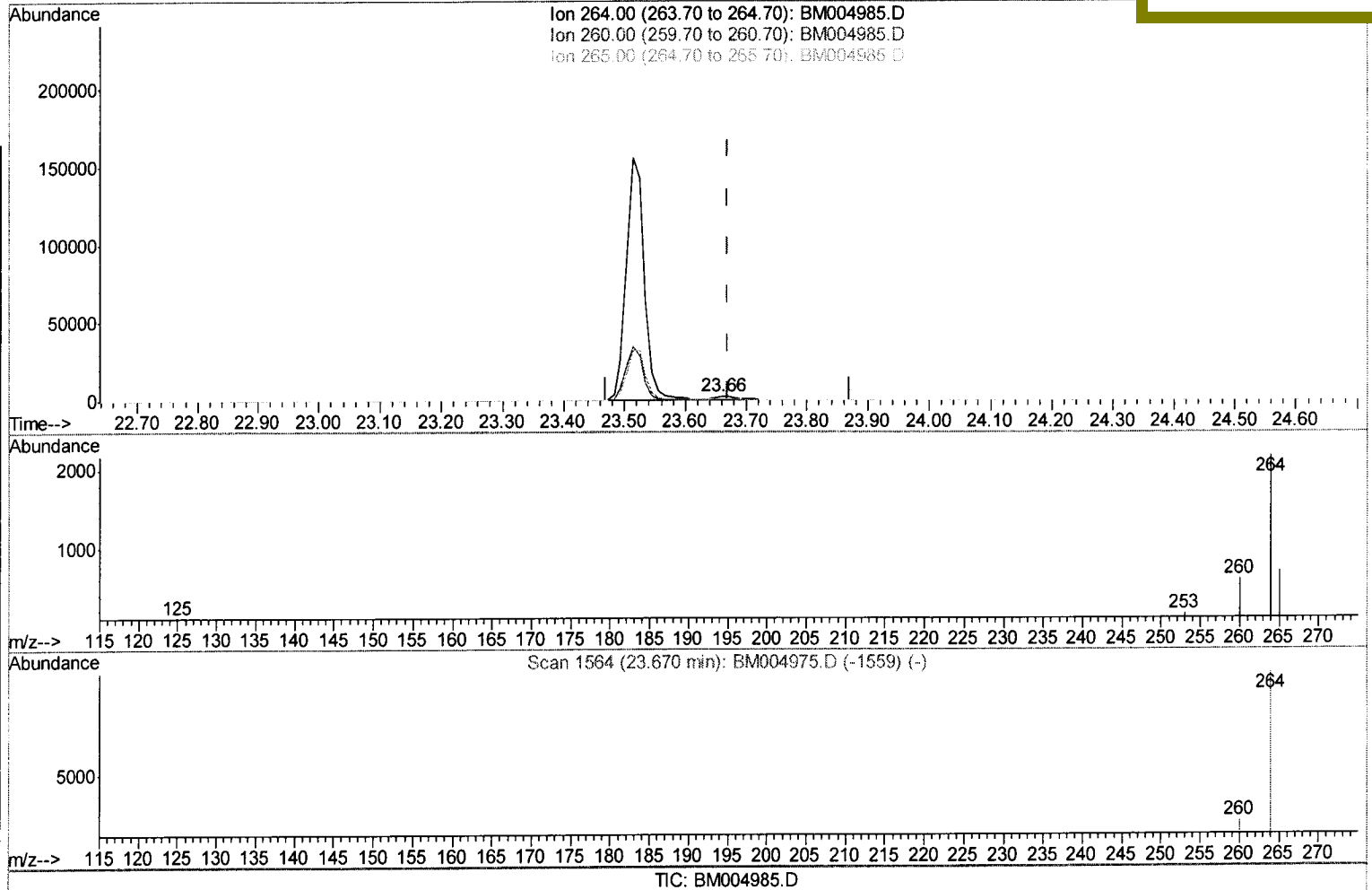
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 ALS Vial : 20 Sample Multiplier: 1

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TIC: BM004985.D

(22) Perylene-d12 (I)

23.660min (-0.010) 0.40ng/ul m $\times \frac{U.M.}{04/25/16}$

response 2883

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	27.23
265.00	38.20	31.91
0.00	0.00	0.00

Quantitation Report (Qedit)

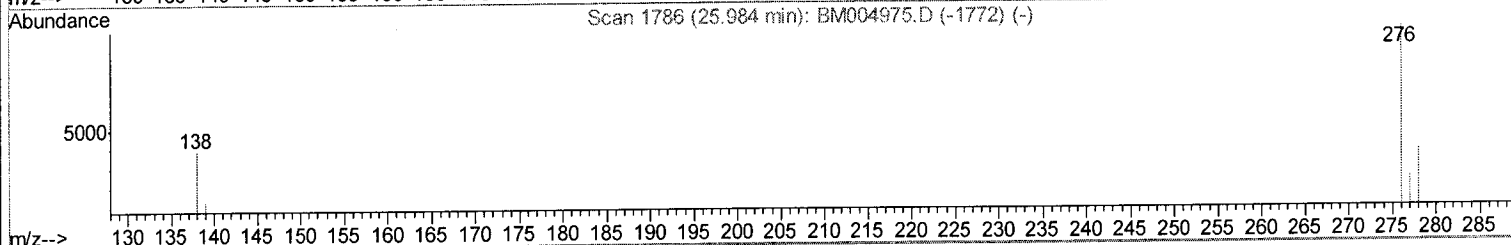
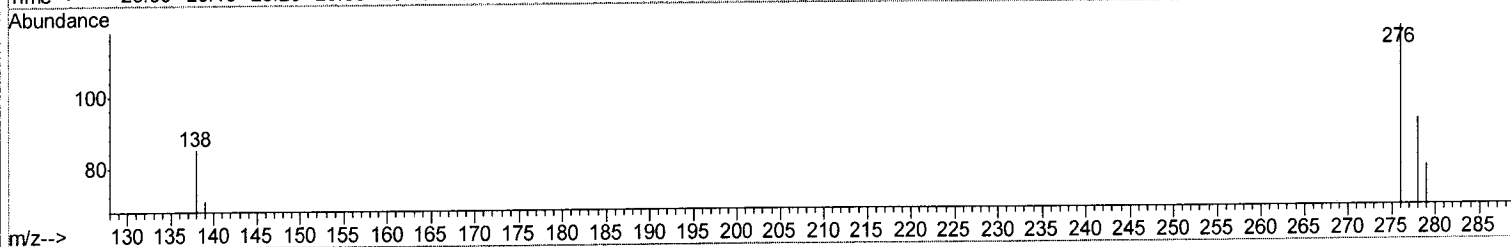
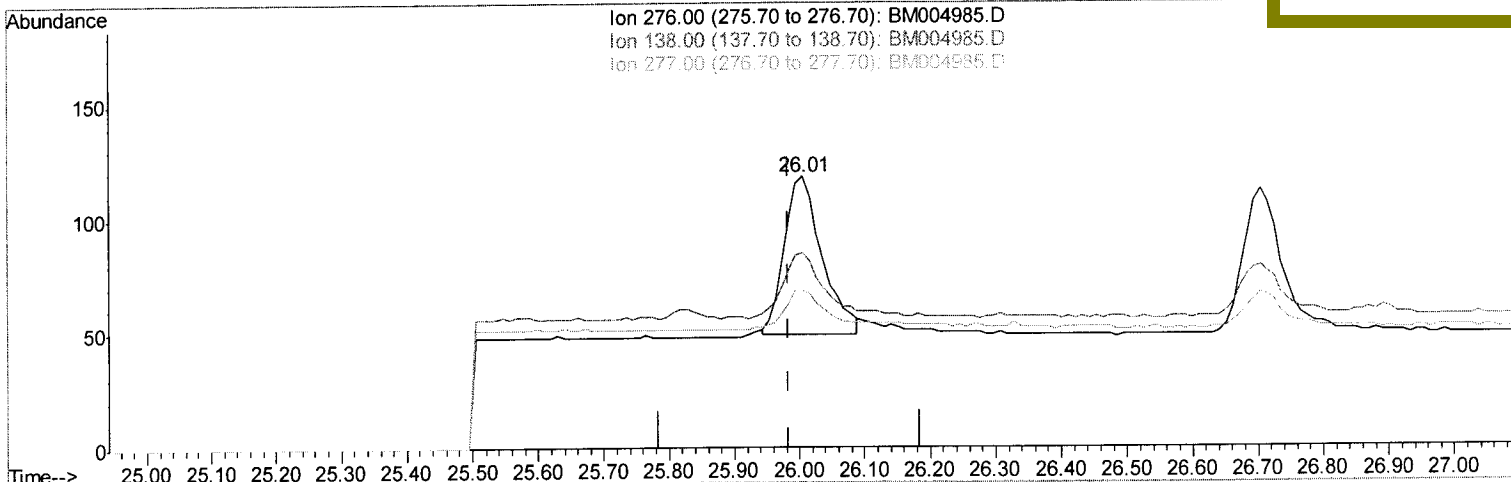
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TIC: BM004985.D

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

26.005min (+0.021) 0.03ng/ul m

response 277

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.00#
277.00	24.80	0.00#
0.00	0.00	0.00

> $\frac{0.03}{0.04125/16}$

Quantitation Report (Qedit)

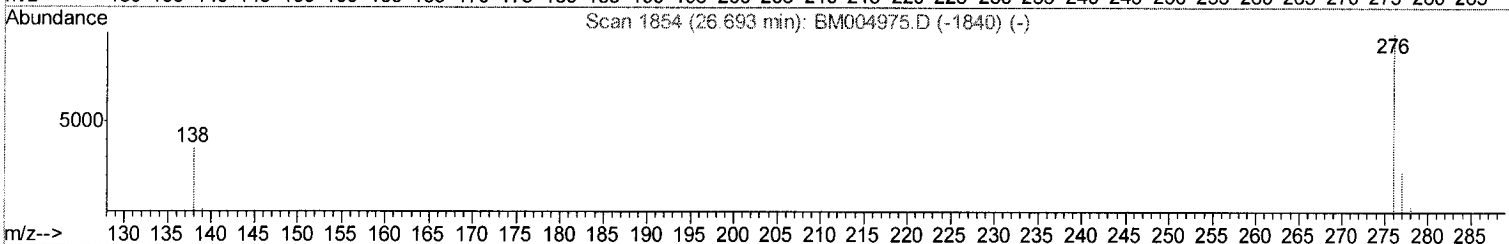
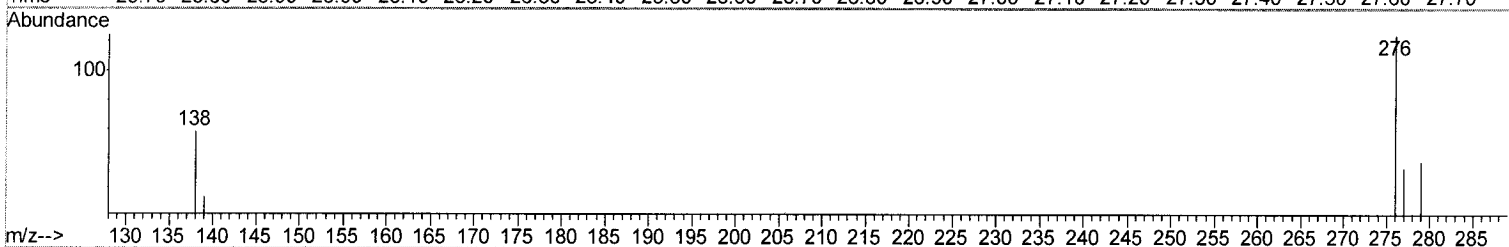
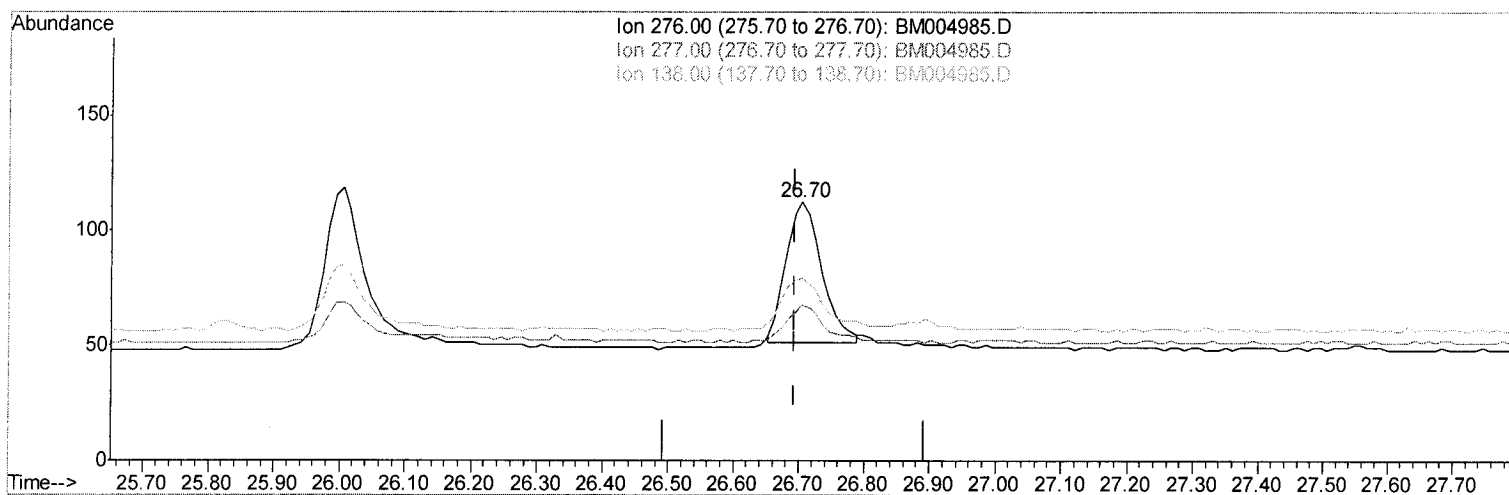
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(28) Benzo(g,h,i)perylene

26.704min (+0.011) 0.03ng/ul m > $\frac{0.03}{0.4/25/16}$

response 233

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	59.82#
138.00	28.10	70.54#
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	7.82	152	1307	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	5430	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	3014	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	5700m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	4920	0.40	ng/ul	0.00
22) Perylene-d12	23.66	264	2883m	0.40	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.31	96	1710	2.71	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.19	152	2205	0.34	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	4584	0.39	ng/ul	0.00

Target Compounds

						Qvalue
5) Naphthalene	10.66	128	596	0.05	ng/ul#	62
14) Phenanthrene	17.23	178	696m	0.04	ng/ul	
17) Fluoranthene	19.25	202	731	0.05	ng/ul	76
20) Benzo(a)anthracene	21.37	228	378	0.03	ng/ul#	69
21) Chrysene	21.42	228	499	0.03	ng/ul#	75
26) Indeno(1,2,3-cd)pyrene	26.01	276	277m	0.03	ng/ul	
28) Benzo(g,h,i)perylene	26.70	276	233m	0.03	ng/ul	

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