

Quantitation Report (QT Reviewed)

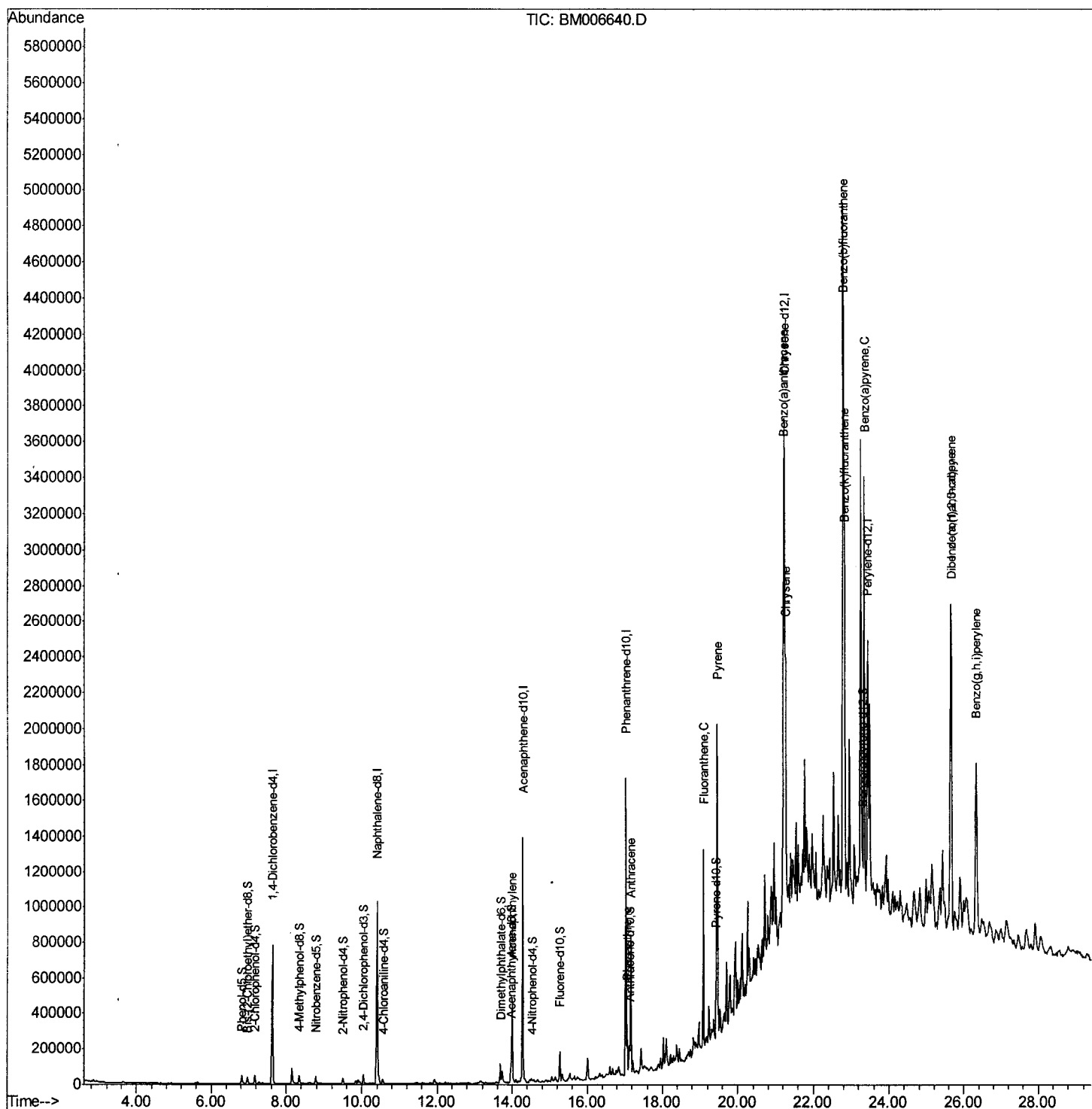
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006640.D
 Acq On : 23 Jul 2016 00:54
 Operator : UM/SJ
 Sample : H4077-18DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YT2DL

Manual Integration

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Quant Time: Jul 23 03:20:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 23 00:16:38 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

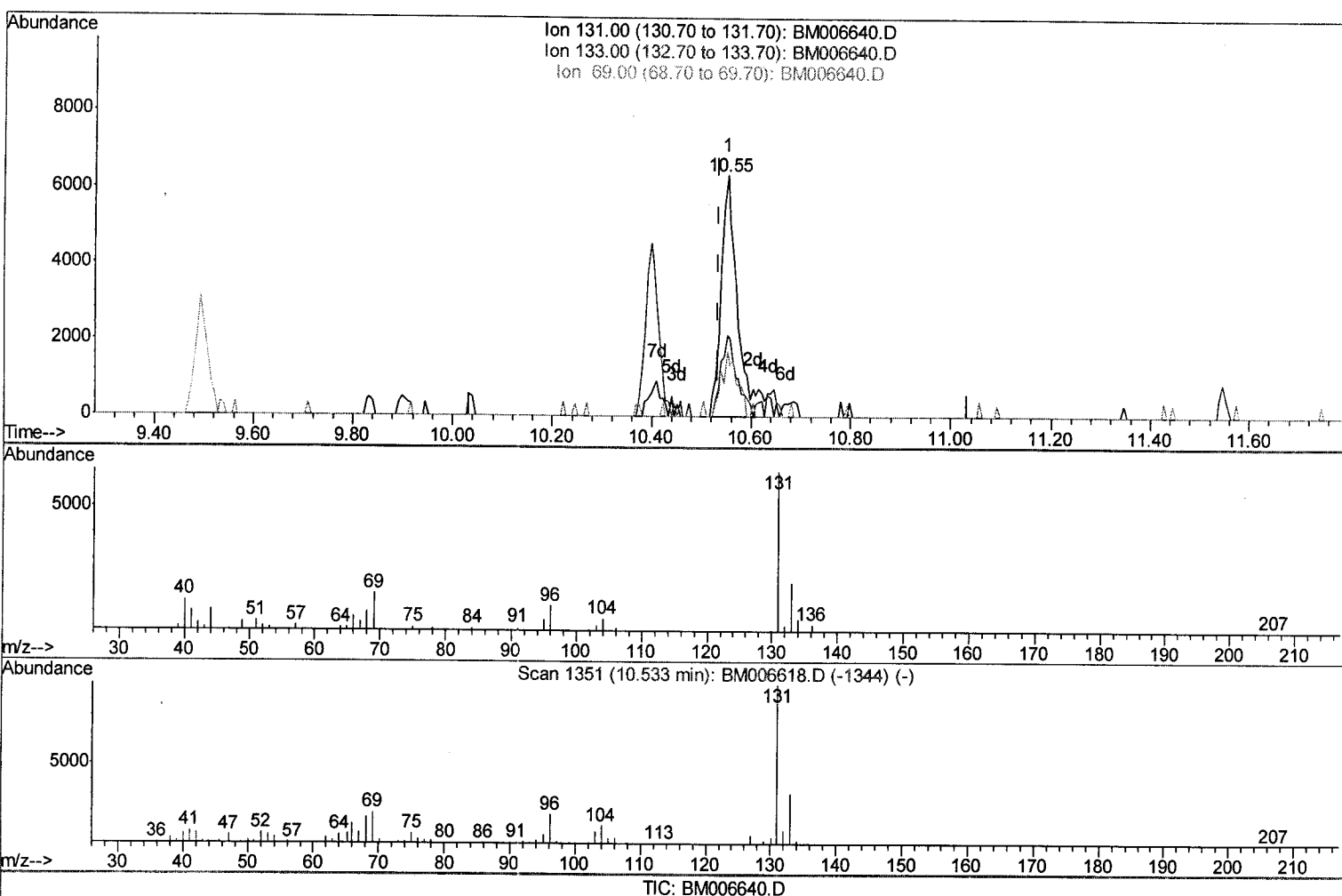
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(12) 4-Chloroaniline-d4 (S)

10.551min (+0.018) 1.07ng/ul m

response 15171

Ion Exp% Act%

131.00 100 100

133.00 34.60 33.76

69.00 23.00 26.80

0.00 0.00 0.00

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Quantitation Report (Qedit)

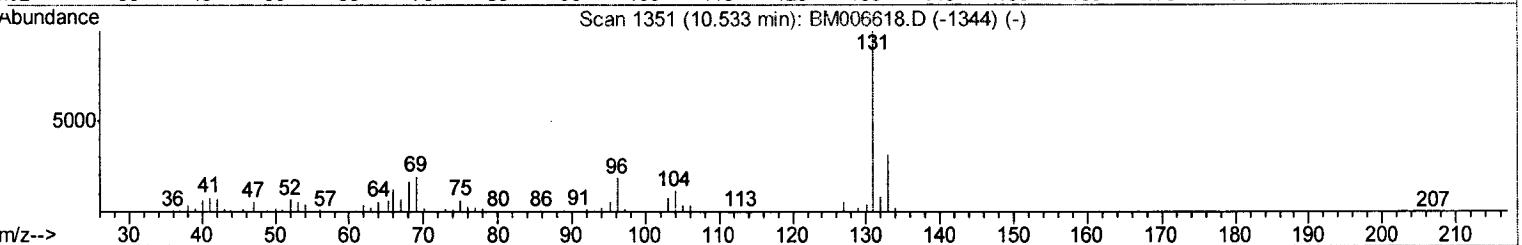
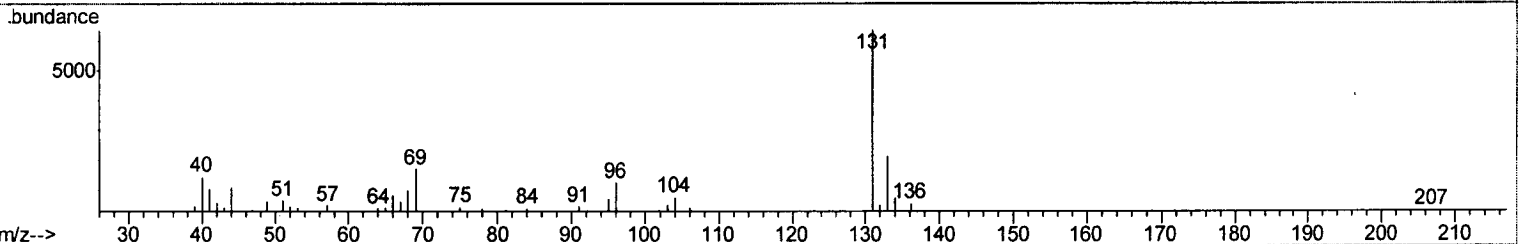
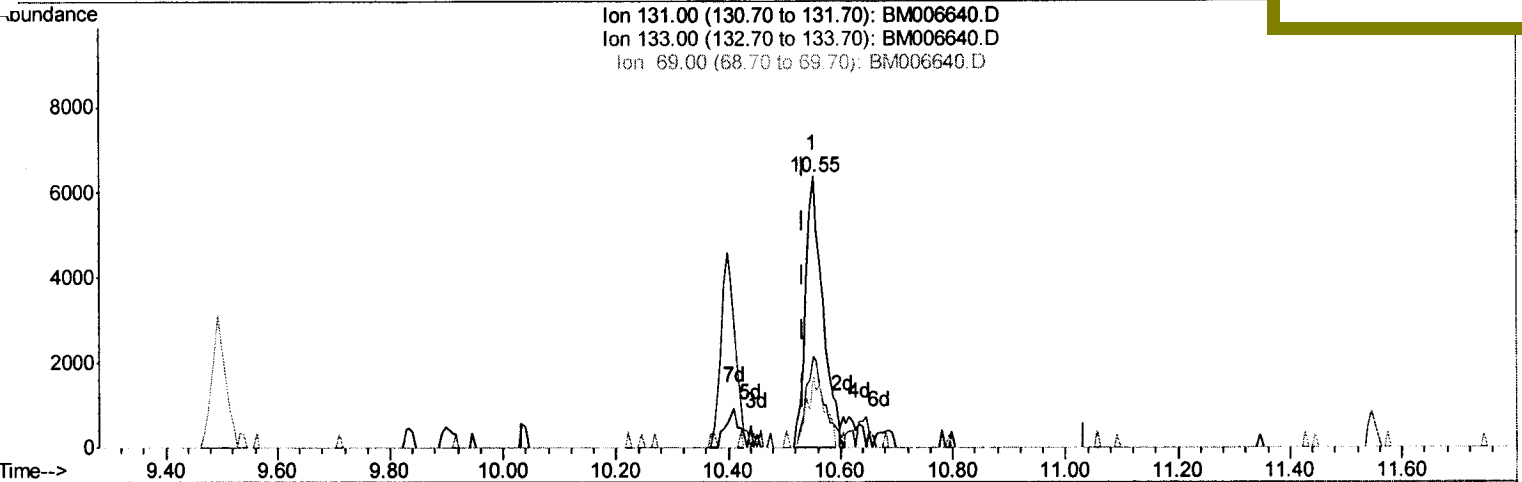
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TIC: BM006640.D

(12) 4-Chloroaniline-d4 (S)

10.551min (+0.018) 0.97ng/ul

response 13740

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	33.76
69.00	23.00	26.80
0.00	0.00	0.00

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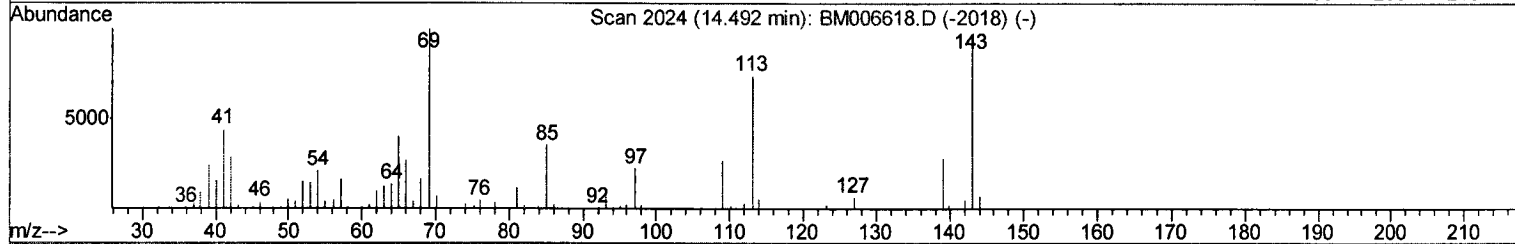
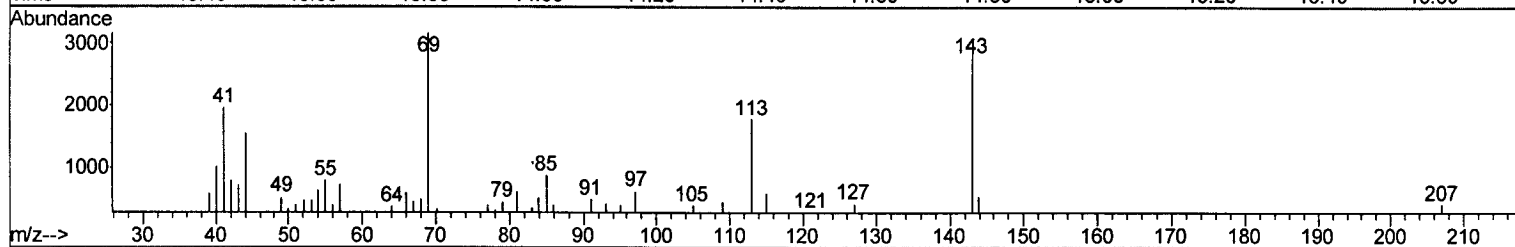
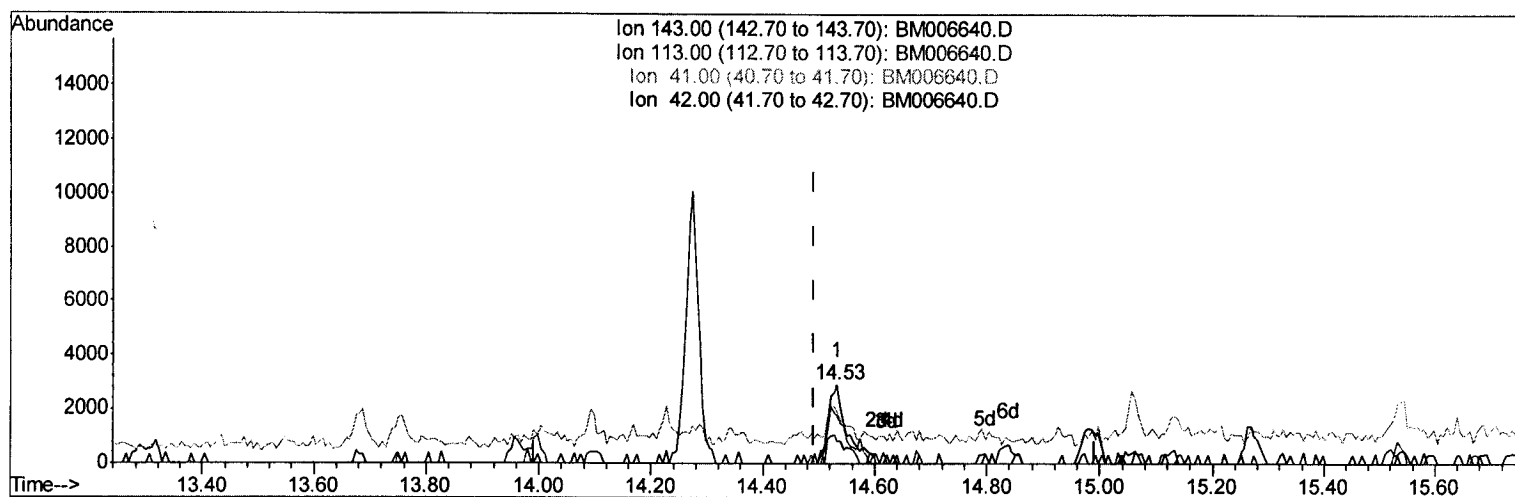
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TIC: BM006640.D

(20) 4-Nitrophenol-d4 (S)

14.533min (+0.041) 1.13ng/ul m

response 7084

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	61.17#
41.00	49.70	66.96#
42.00	33.70	27.72

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Quantitation Report (Qedit)

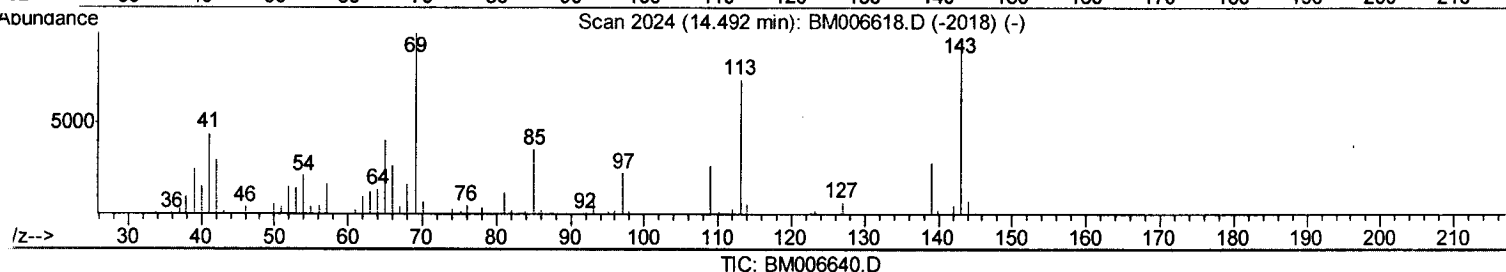
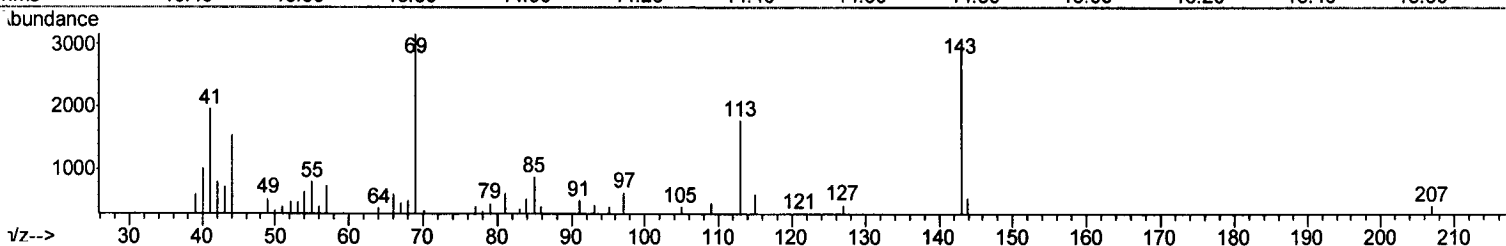
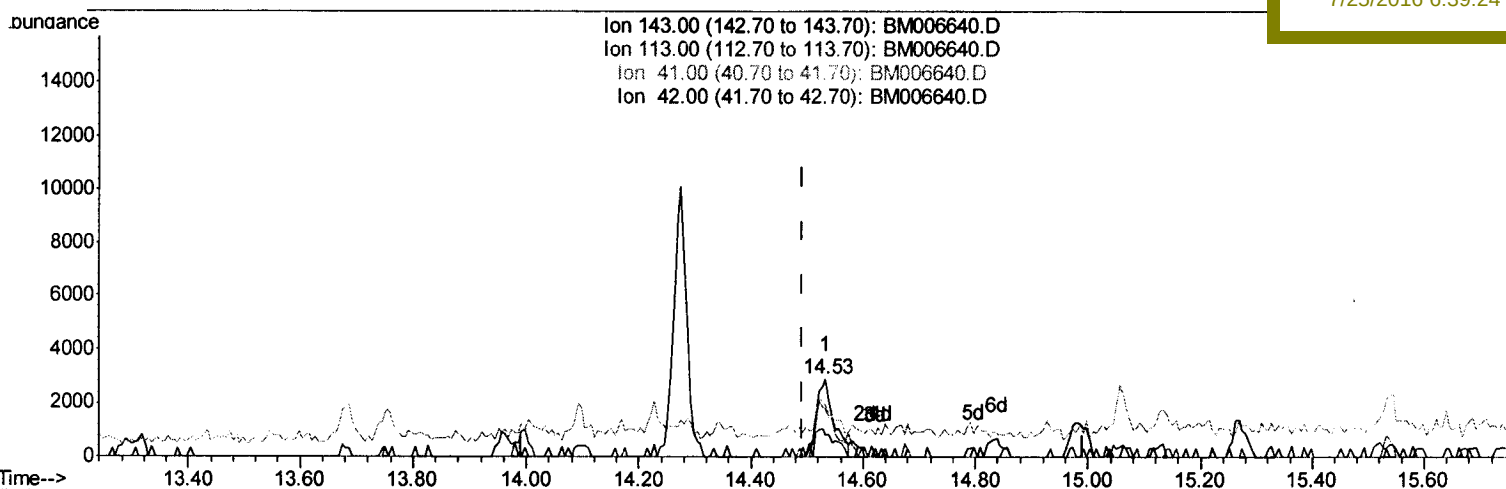
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(20) 4-Nitrophenol-d4 (S)

14.533min (+0.041) 1.01ng/ul

response 6317

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	61.17#
41.00	49.70	66.96#
42.00	33.70	27.72

Quantitation Report (Qedit)

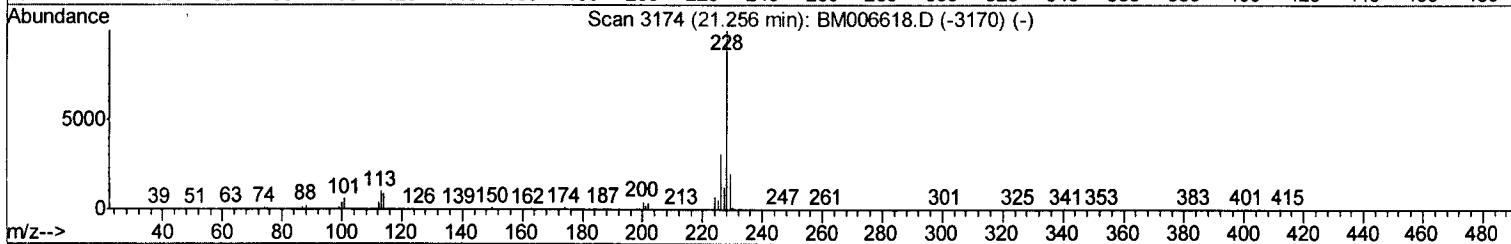
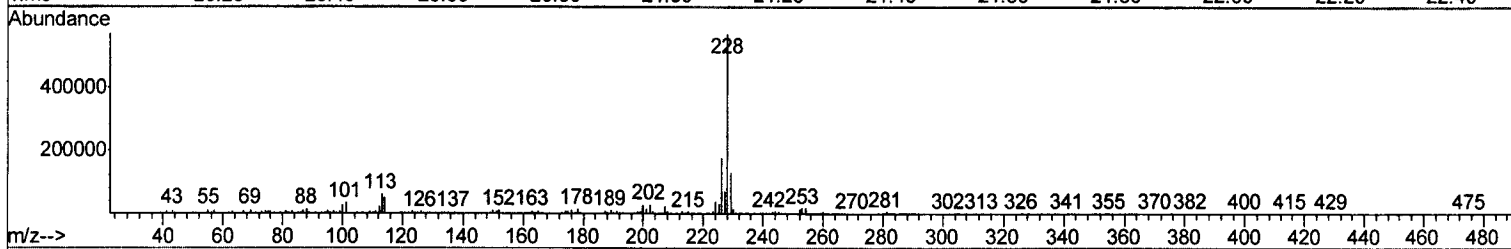
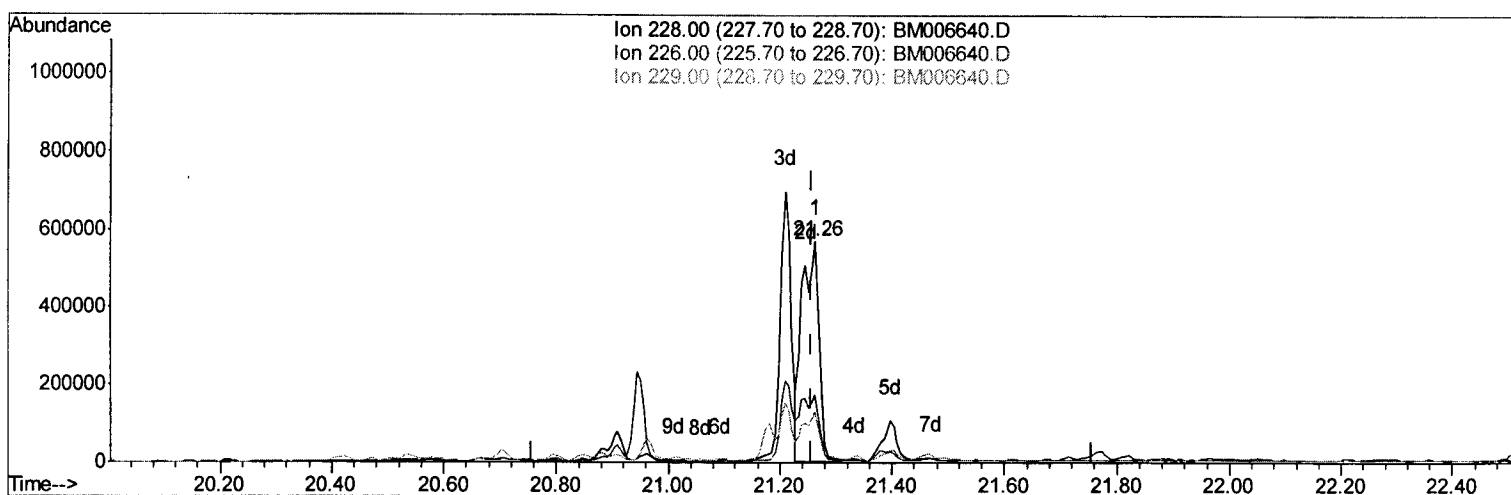
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TIC: BM006640.D

(33) Chrysene

21.262min (+0.006) 21.05ng/ul m U.M
 response 1174234 07/26/16

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.64
229.00	20.20	22.52
0.00	0.00	0.00

Quantitation Report (Qedit)

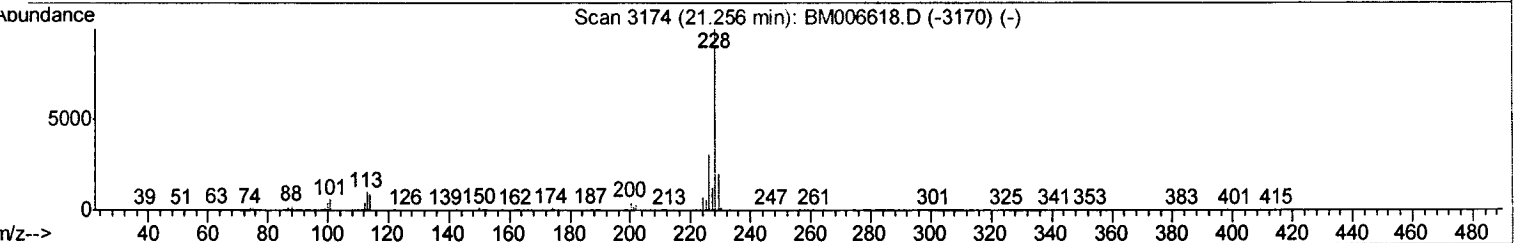
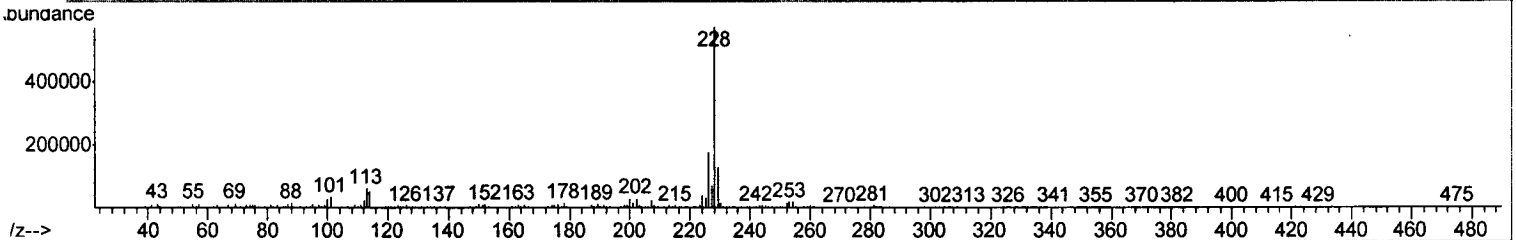
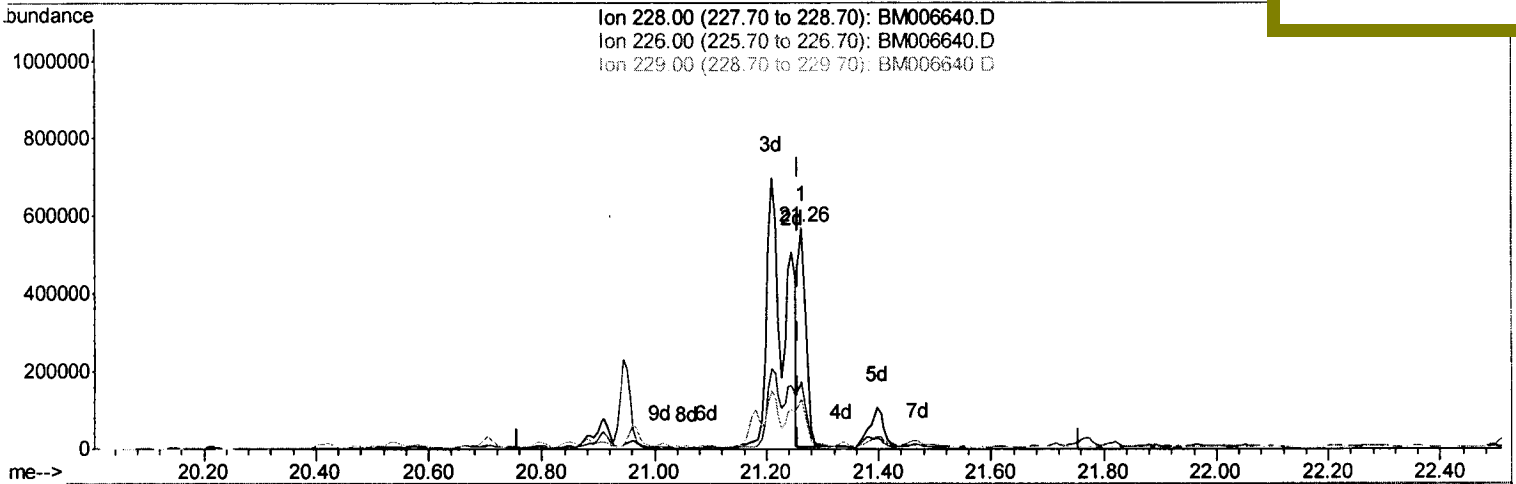
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 Sample : H4077-18DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrati

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TIC: BM006640.D

(33) Chrysene

21.262min (+0.006) 10.55ng/ul

response 588722

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.64
229.00	20.20	22.52
0.00	0.00	0.00

Quantitation Report (Qedit)

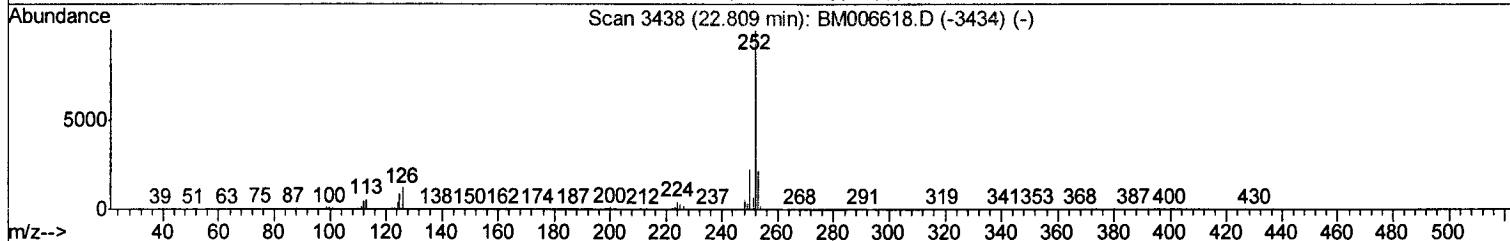
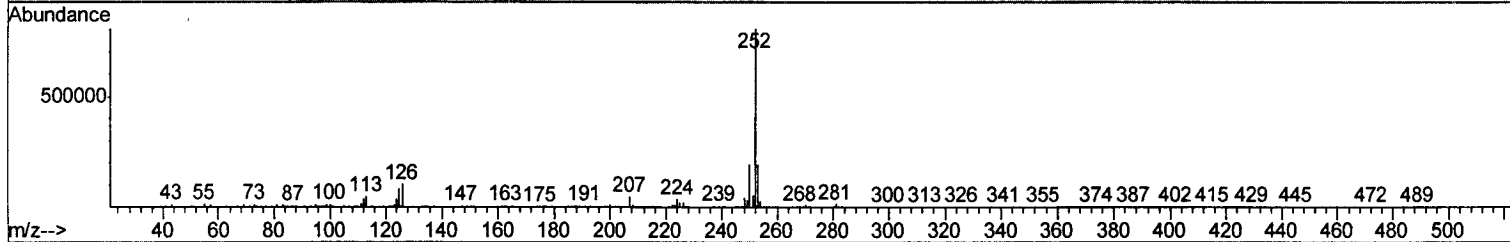
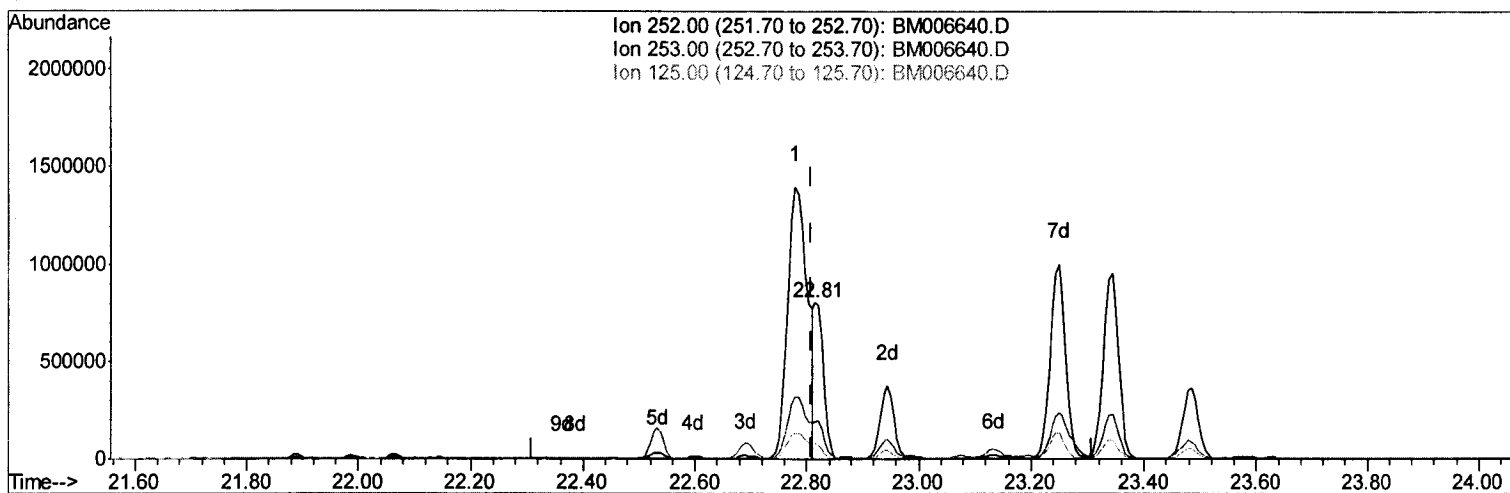
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 Misc :
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Instrument :
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Manual Integration

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TIC: BM006640.D

(36) Benzo(k)fluoranthene

22.815min (+0.006) 15.12ng/ul m

response 973653

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.72
125.00	9.60	10.08
0.00	0.00	0.00

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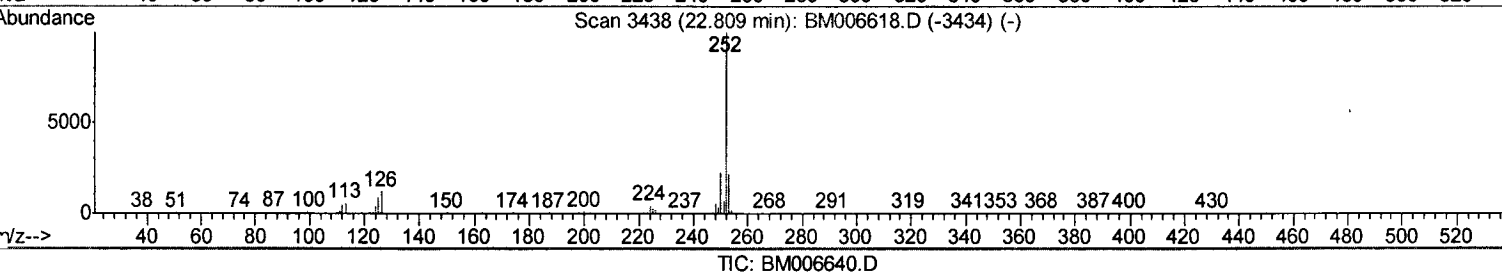
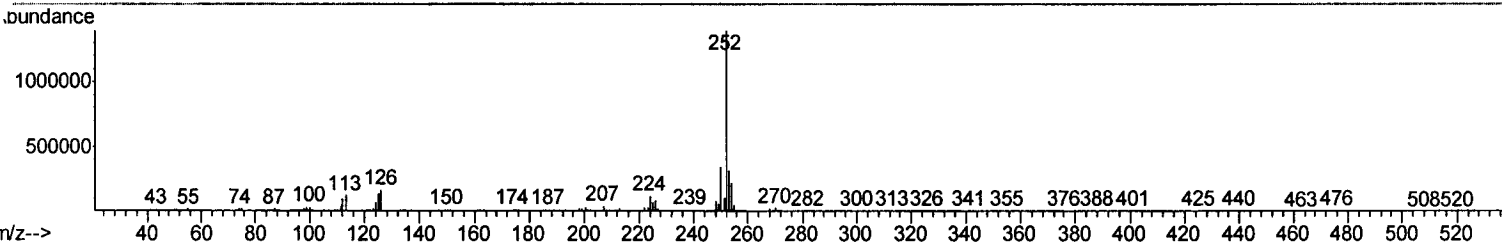
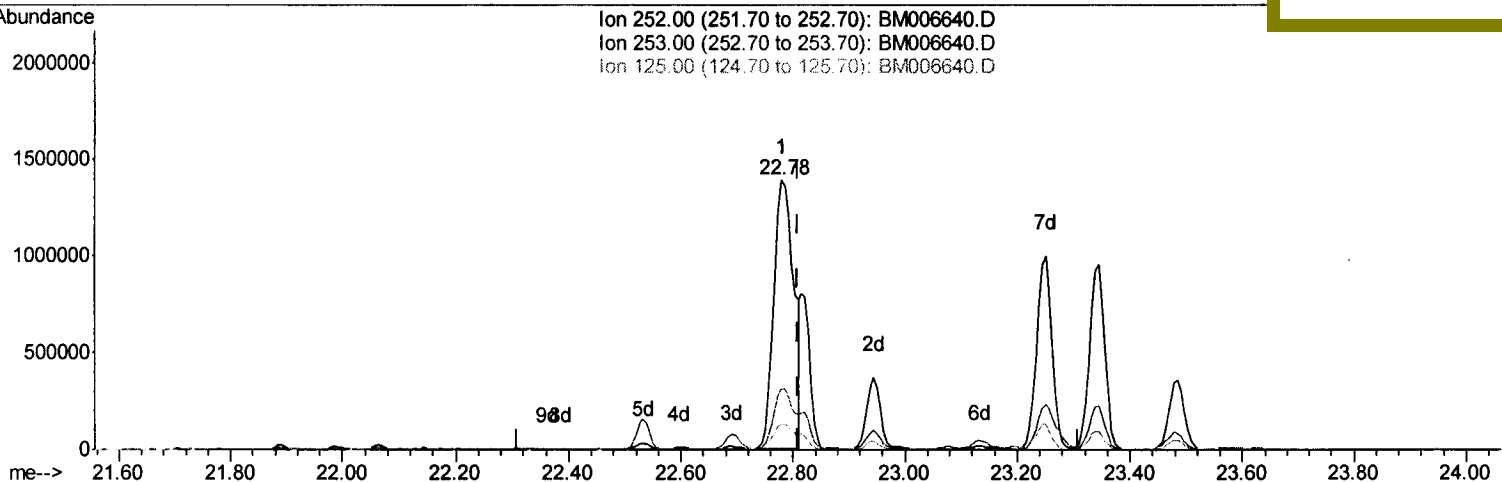
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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Manual Integration

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(36) Benzo(k)fluoranthene

22.780min (-0.029) 52.15ng/ul

response 3358942

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.77
125.00	9.60	9.69
0.00	0.00	0.00

Quantitation Report (Qedit)

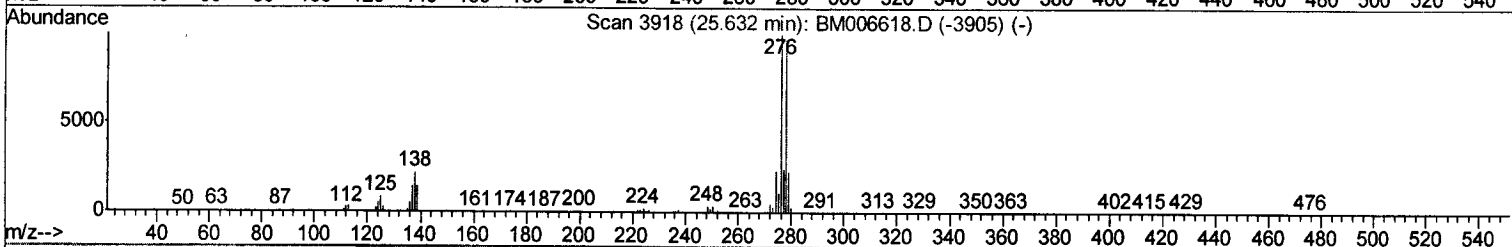
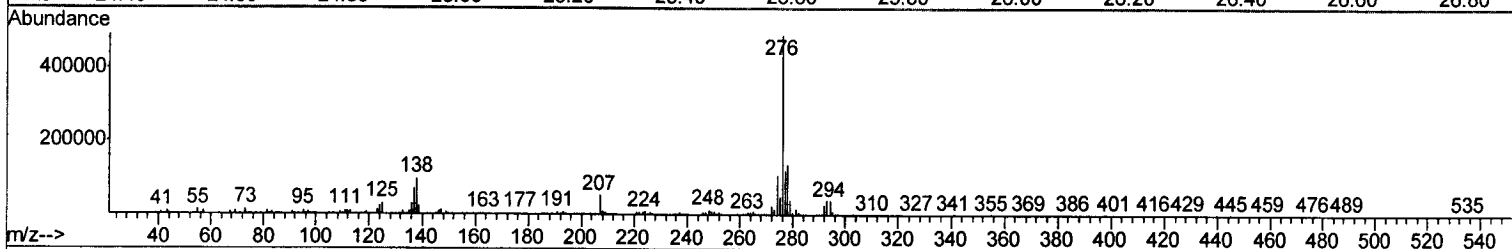
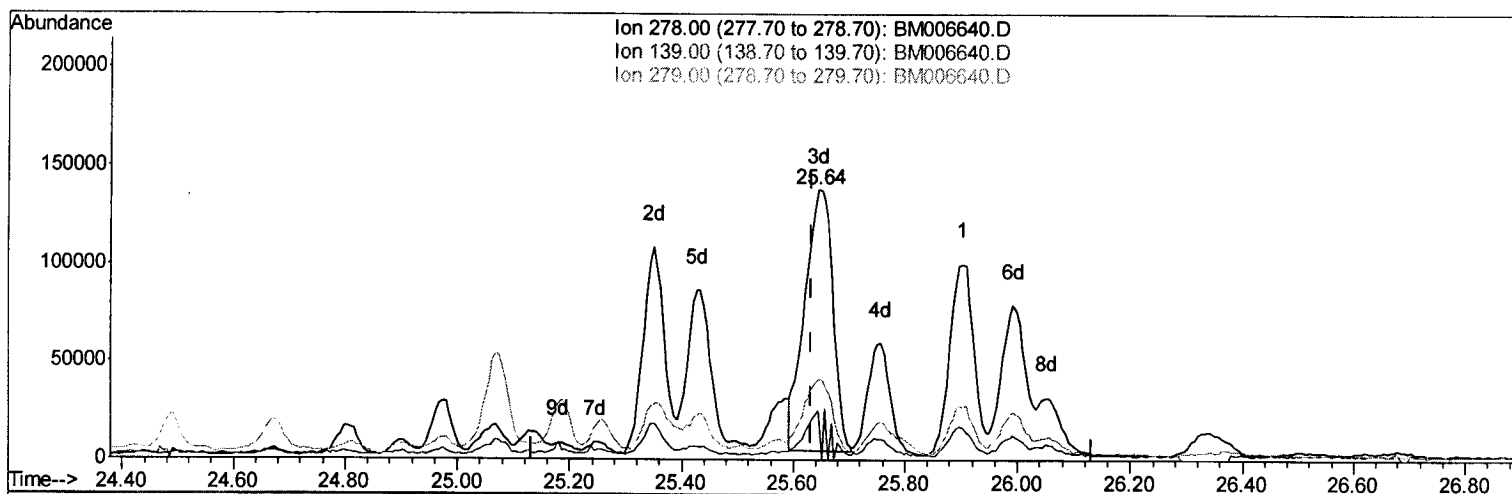
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TIC: BM006640.D

(40) Dibenzo(a,h)anthracene

25.644min (+0.012) 7.55ng/ul m

response 469802

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	18.18#
279.00	24.80	29.43
0.00	0.00	0.00

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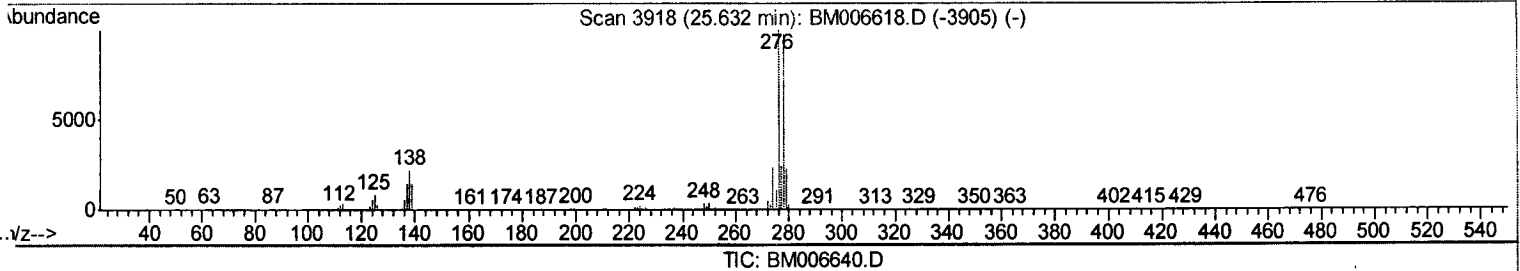
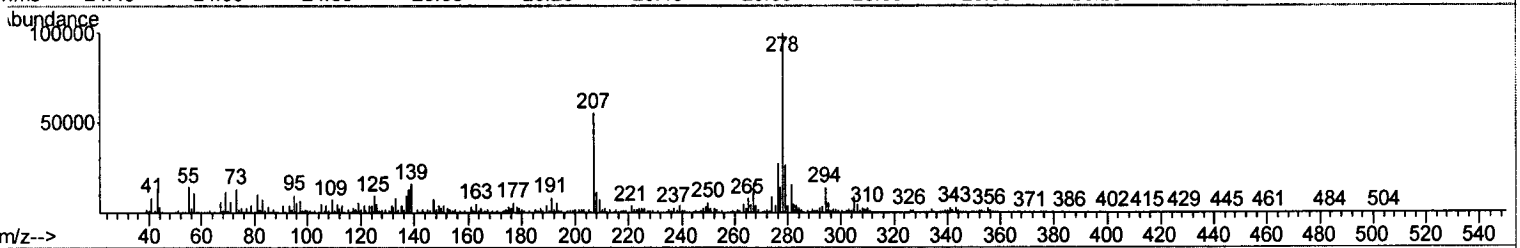
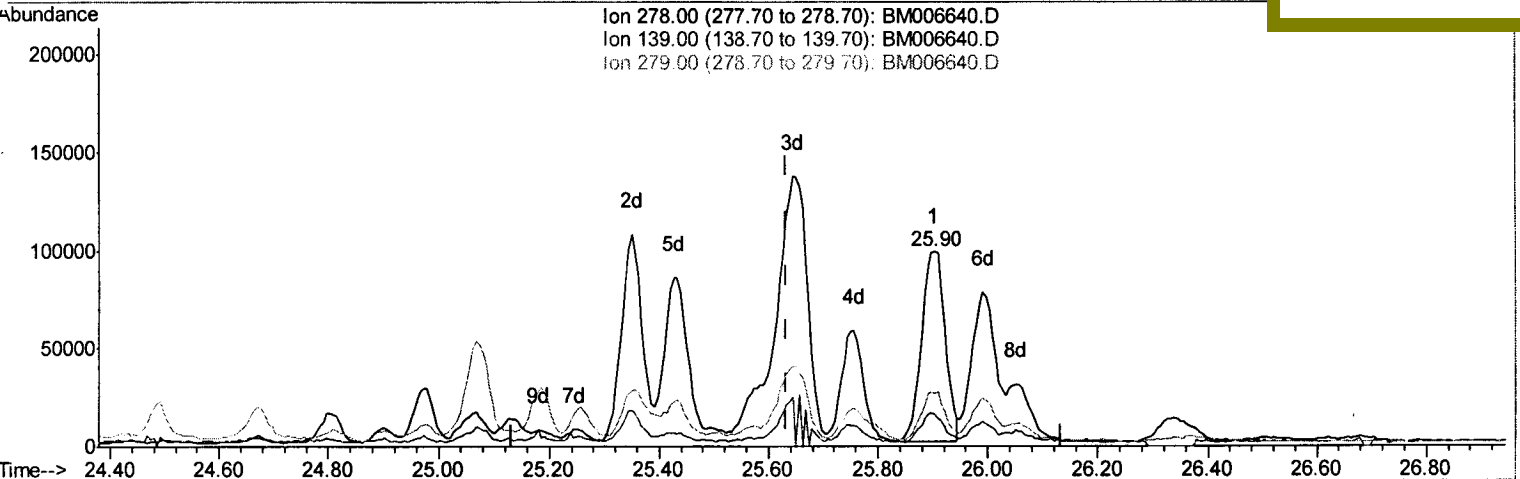
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(40) Dibenzo(a,h)anthracene

25.903min (+0.271) 4.67ng/ul

response 290548

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	16.52
279.00	24.80	27.13
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	7.62	152	199236	20.00	ng/ul	0.01
7) Naphthalene-d8	10.40	136	846701	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	460691	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	993945	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	998486	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1111171	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	497	0.10	ng/uL	0.00
3) Phenol-d5	6.81	99	26468	1.56	ng/ul	0.01
4) Bis- (2-Chloroethyl) ether-d	6.96	67	17949	1.71	ng/ul	0.01
5) 2-Chlorophenol-d4	7.16	132	20064	1.48	ng/ul	0.00
6) 4-Methylphenol-d8	8.34	113	19008	1.45	ng/ul	0.01
8) Nitrobenzene-d5	8.78	128	10564	1.65	ng/ul	0.01
9) 2-Nitrophenol-d4	9.49	143	9080	1.33	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.04	165	19372	1.50	ng/ul	0.02
12) 4-Chloroaniline-d4	10.55	131	15171m	1.07	ng/ul	0.02
16) Dimethylphthalate-d6	13.69	166	60003	1.66	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	79194	1.72	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	7084m	1.13	ng/ul	0.04
21) Fluorene-d10	15.27	176	57415	1.78	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
26) Anthracene-d10	17.12	188	86494	1.83	ng/ul	0.00
30) Pyrene-d10	19.43	212	93864	2.06	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	88799	1.74	ng/ul	0.02

Target Compounds

						Qvalue
18) Acenaphthylene	13.99	152	337567	6.84	ng/ul	96
25) Phenanthrene	17.07	178	160491	2.87	ng/ul	97
27) Anthracene	17.16	178	443772	7.71	ng/ul	98
28) Fluoranthene	19.09	202	654324	9.96	ng/ul	99
31) Pyrene	19.46	202	1074574	17.77	ng/ul	97
32) Benzo(a)anthracene	21.21	228	881284	14.56	ng/ul	95
33) Chrysene	21.26	228	1174234m	21.05	ng/ul	
35) Benzo(b)fluoranthene	22.78	252	3358942	50.43	ng/ul	100
36) Benzo(k)fluoranthene	22.81	252	973653m	15.12	ng/ul	
38) Benzo(a)pyrene	23.34	252	1786586	27.56	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.66	276	1551208	20.66	ng/ul	99
40) Dibenzo(a,h)anthracene	25.64	278	469802m	7.55	ng/ul	
41) Benzo(g,h,i)perylene	26.33	276	1265793	19.67	ng/ul	97

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