

Quantitation Report (Qedit)

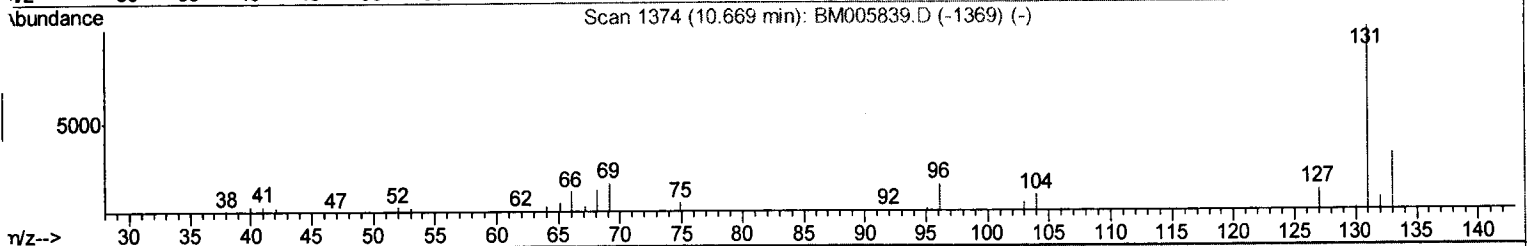
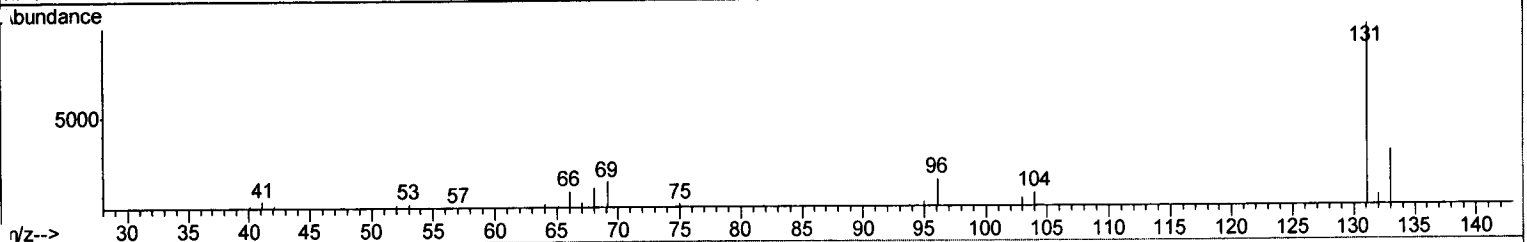
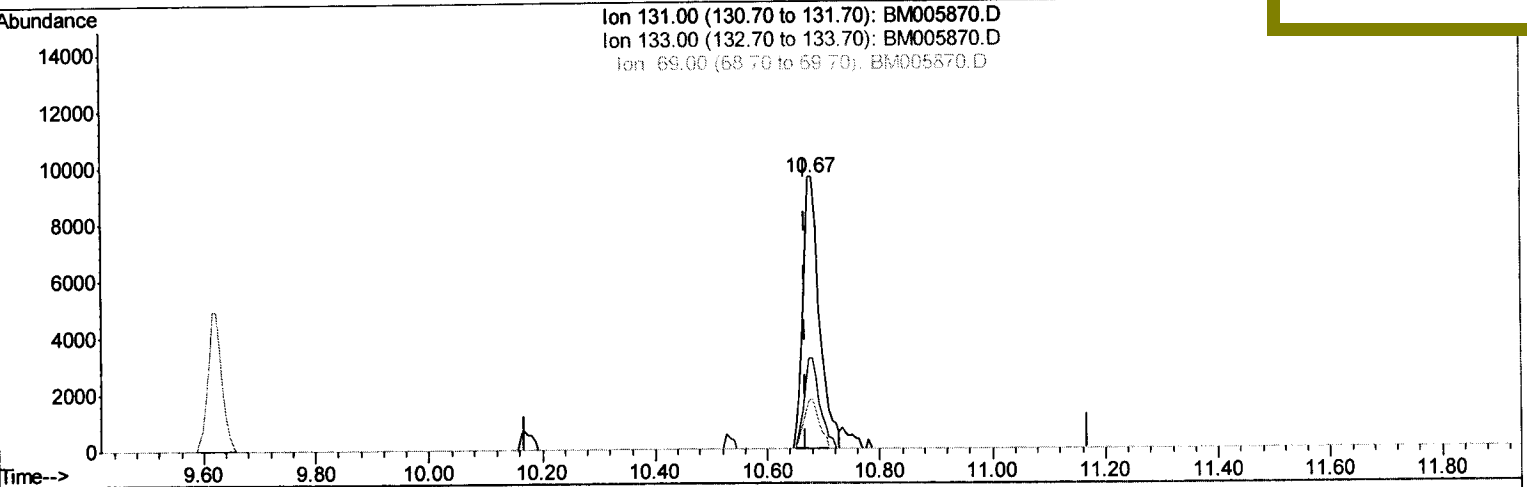
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
 Data File : BM005870.D
 Acq On : 17 Jun 2016 20:35
 Operator : UM/SJ
 Sample : H3537-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y43

Manual Integrations
 APPROVED

umangi
 6/19/2016 12:14:53 AM

Quant Time: Jun 17 23:18:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 10:48:37 2016
 Response via : Initial Calibration



TIC: BM005870.D

(12) 4-Chloroaniline-d4 (S)

10.675min (+0.006) 21.25ng/ul

response 19585

Ion	Exp%	Act%
131.00	100	100
133.00	30.80	33.16
69.00	17.50	17.58
0.00	0.00	0.00

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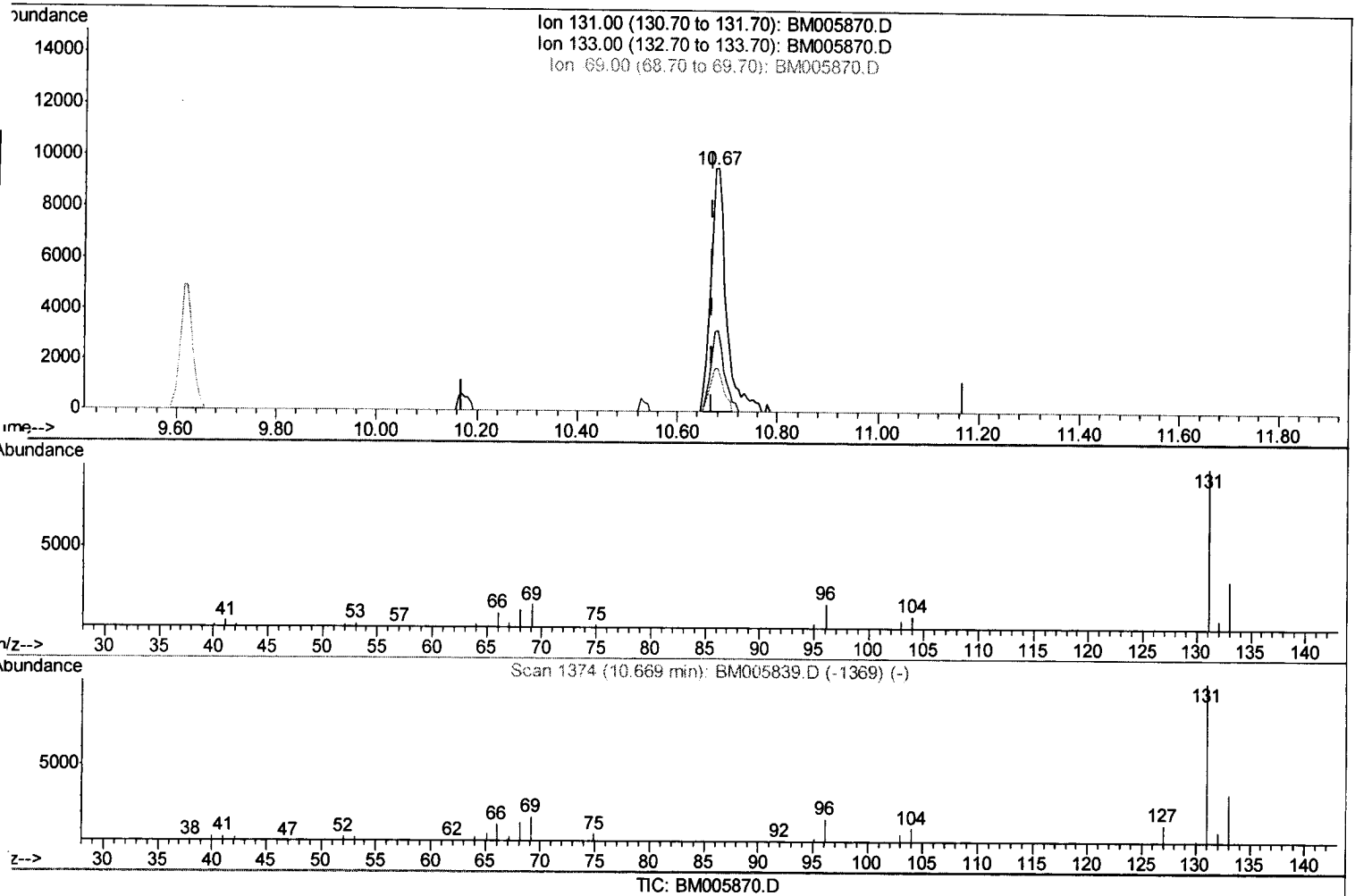
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(12) 4-Chloroaniline-d4 (S)

10.675min (+0.006) 22.48ng/ul m

response 20721

Ion	Exp%	Act%
131.00	100	100
133.00	30.80	33.16
69.00	17.50	17.58
0.00	0.00	0.00

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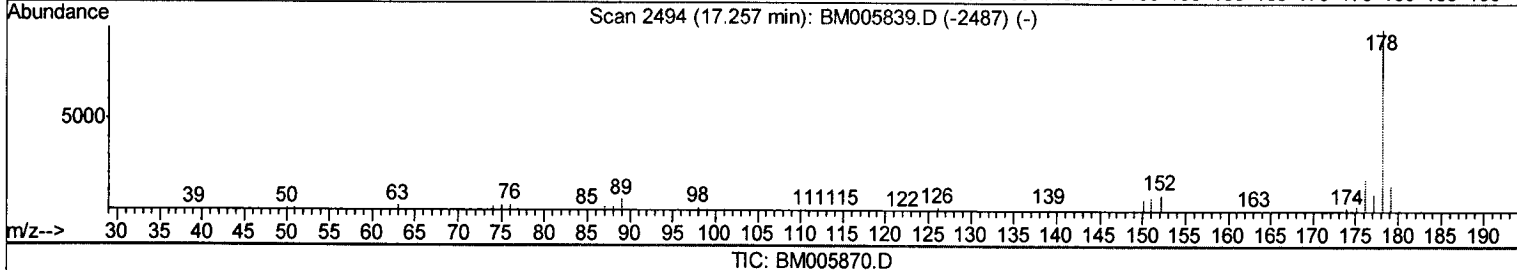
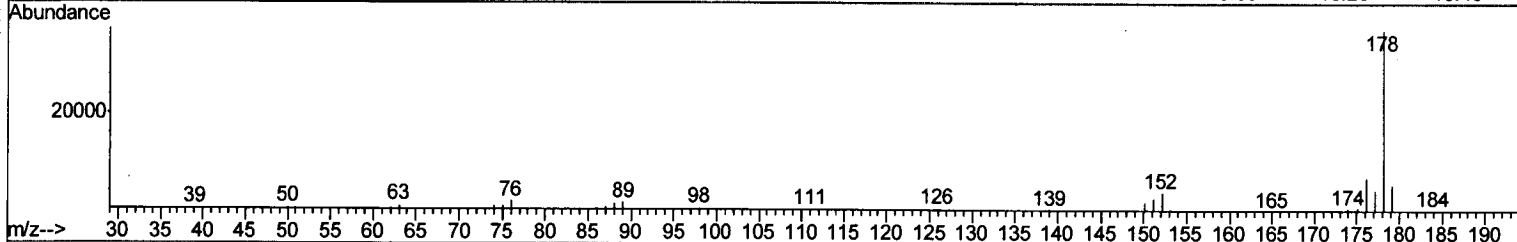
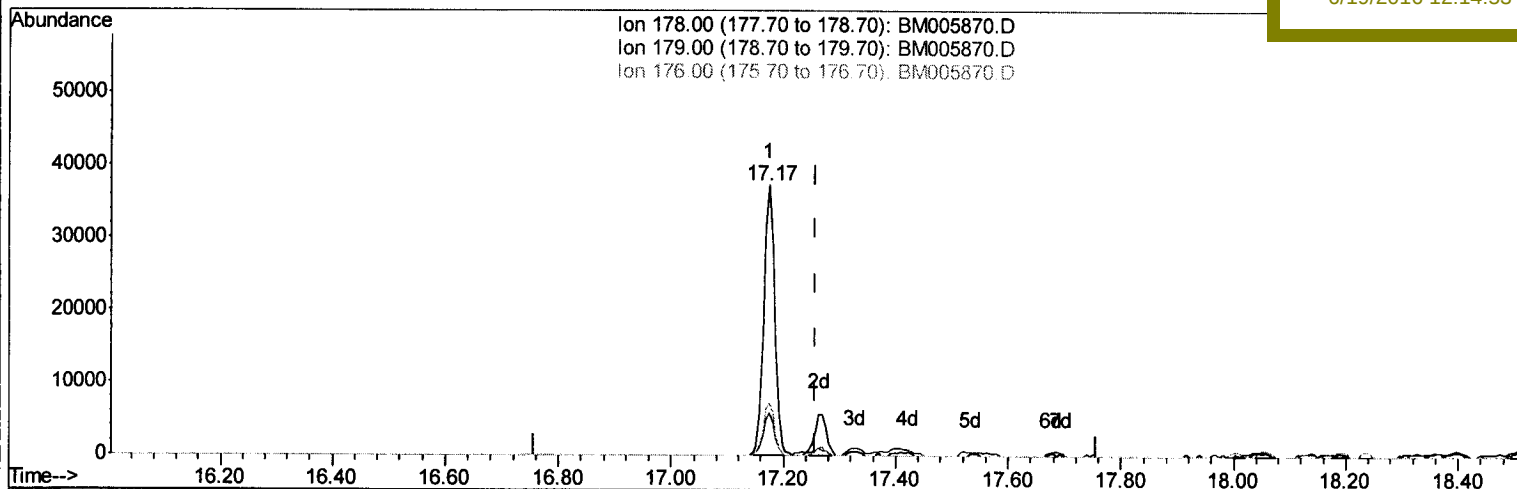
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(27) Anthracene

17.174min (-0.082) 7.05ng/ul

response 50999

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	15.32
176.00	18.50	19.10
0.00	0.00	0.00

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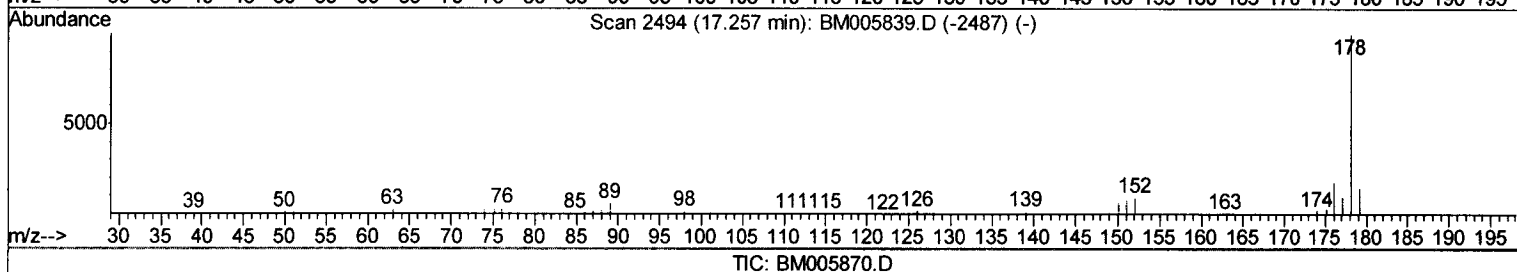
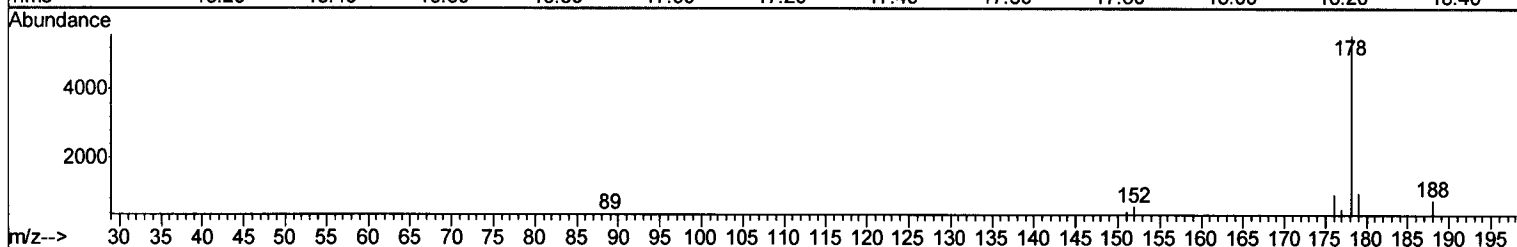
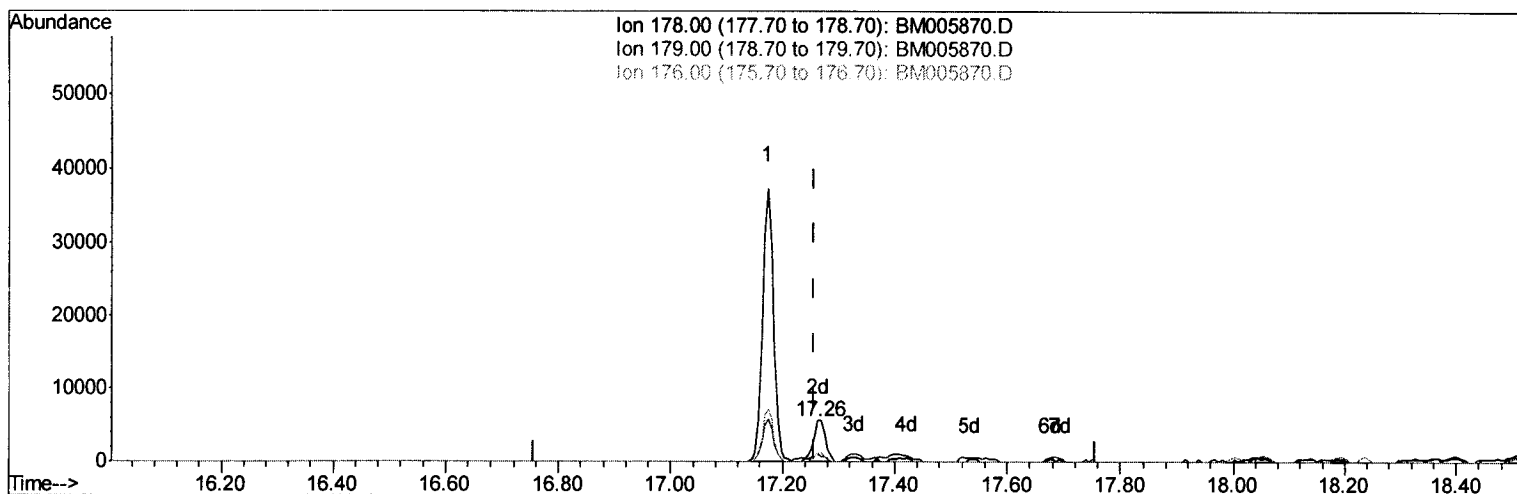
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(27) Anthracene

17.262min (+0.006) 1.16ng/ul m

response 8411

Ion	Exp%	Act%
178.00	100	100
179.00	14.90	18.00#
176.00	18.50	17.37
0.00	0.00	0.00

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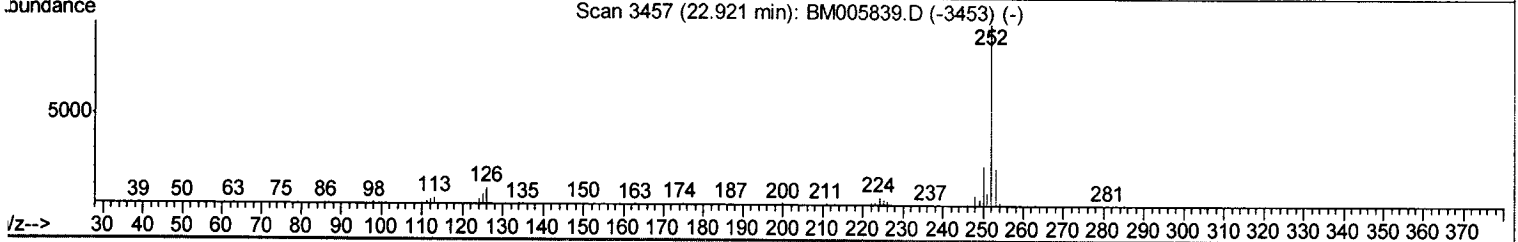
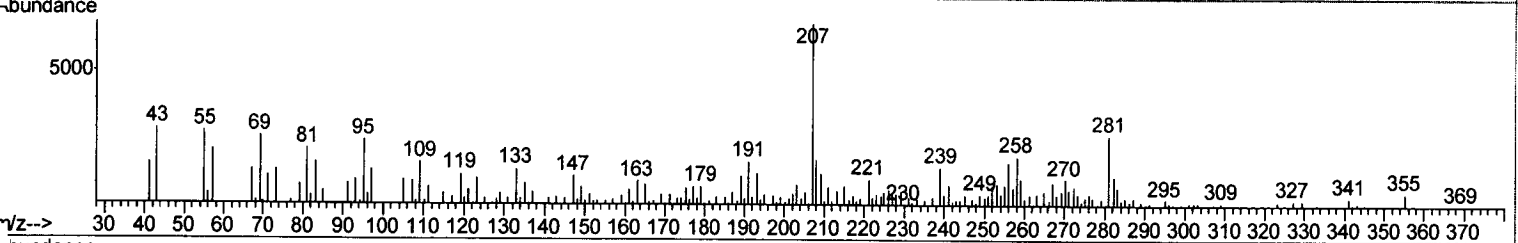
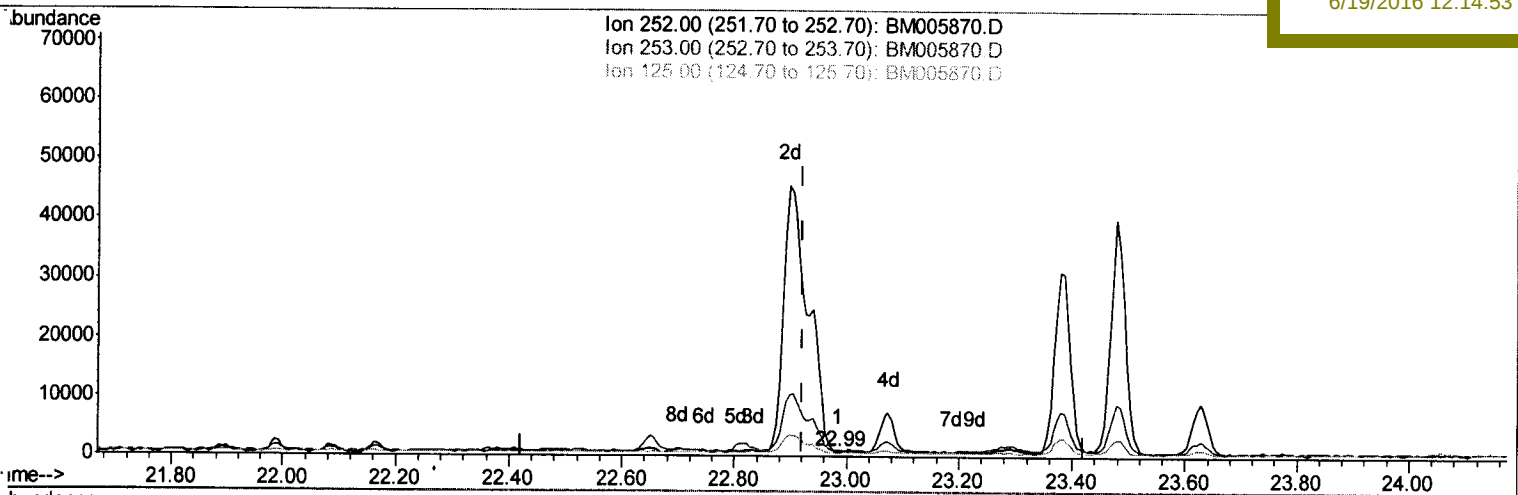
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TIC: BM005870.D

(36) Benzo(k)fluoranthene

22.986min (+0.065) 0.03ng/ul

response 193

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	107.11#
125.00	6.00	52.61#
0.00	0.00	0.00

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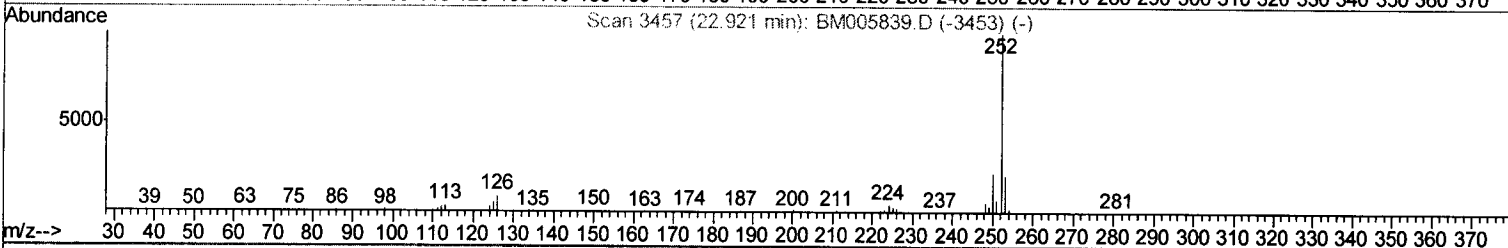
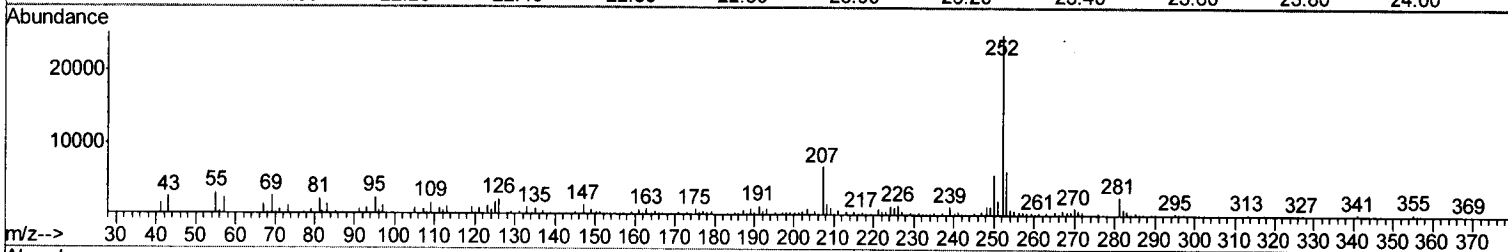
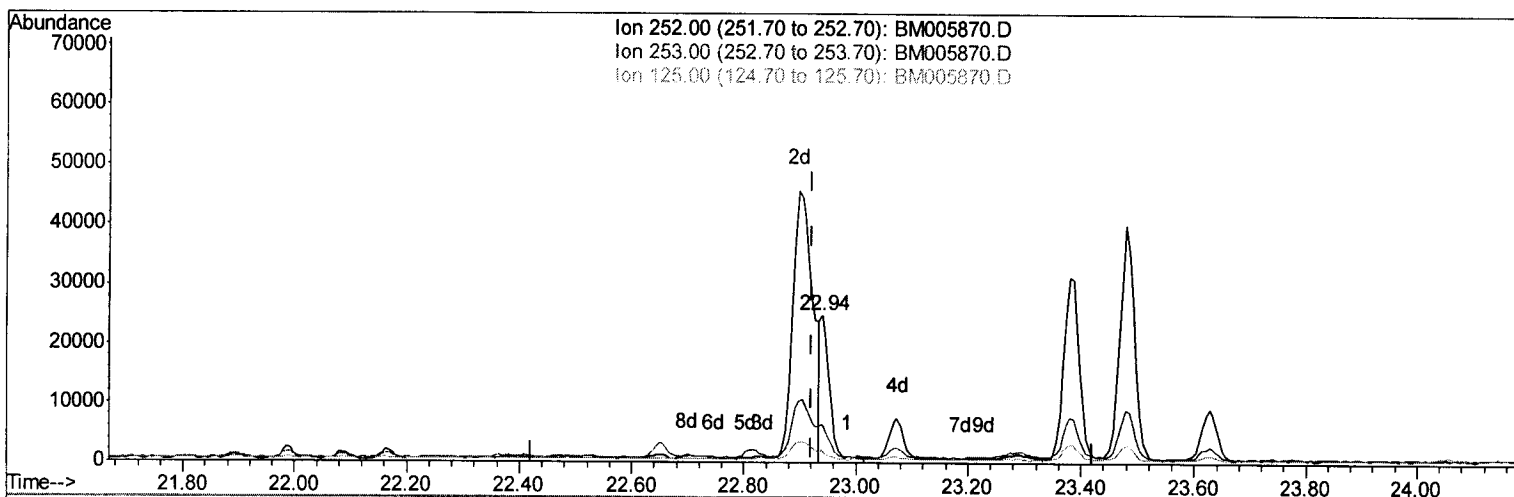
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 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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TIC: BM005870.D

(36) Benzo(k)fluoranthene

22.939min (+0.018) 4.63ng/ul m

response 29548

Ion Exp% Act%

252.00 100 100

253.00 21.90 25.44

125.00 6.00 8.26#

0.00 0.00 0.00

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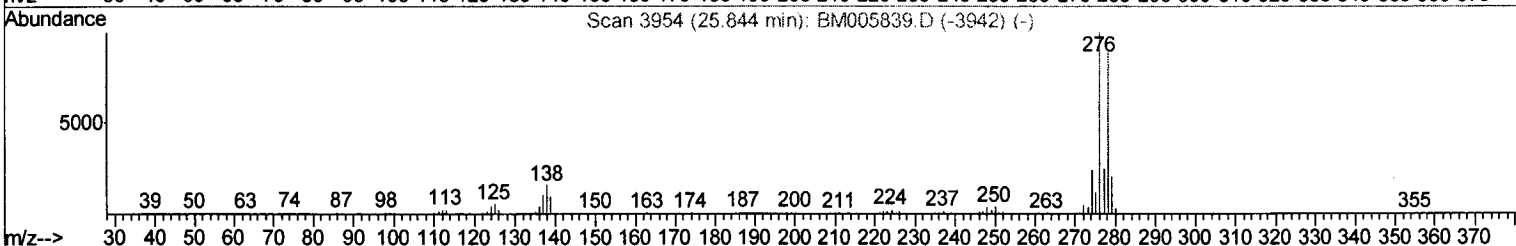
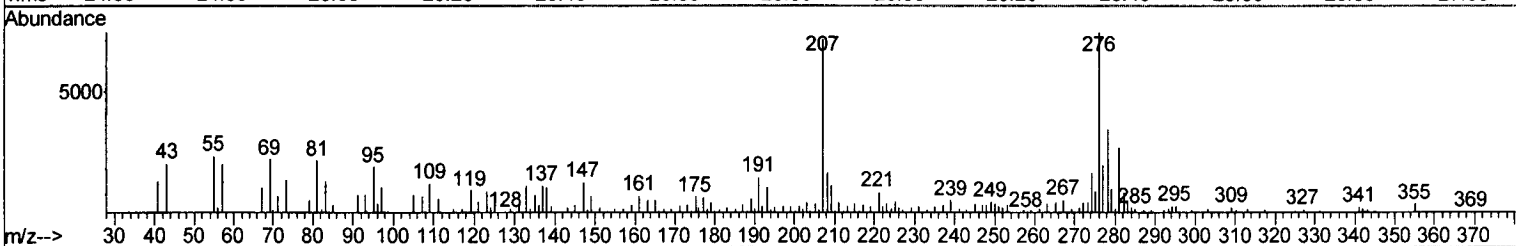
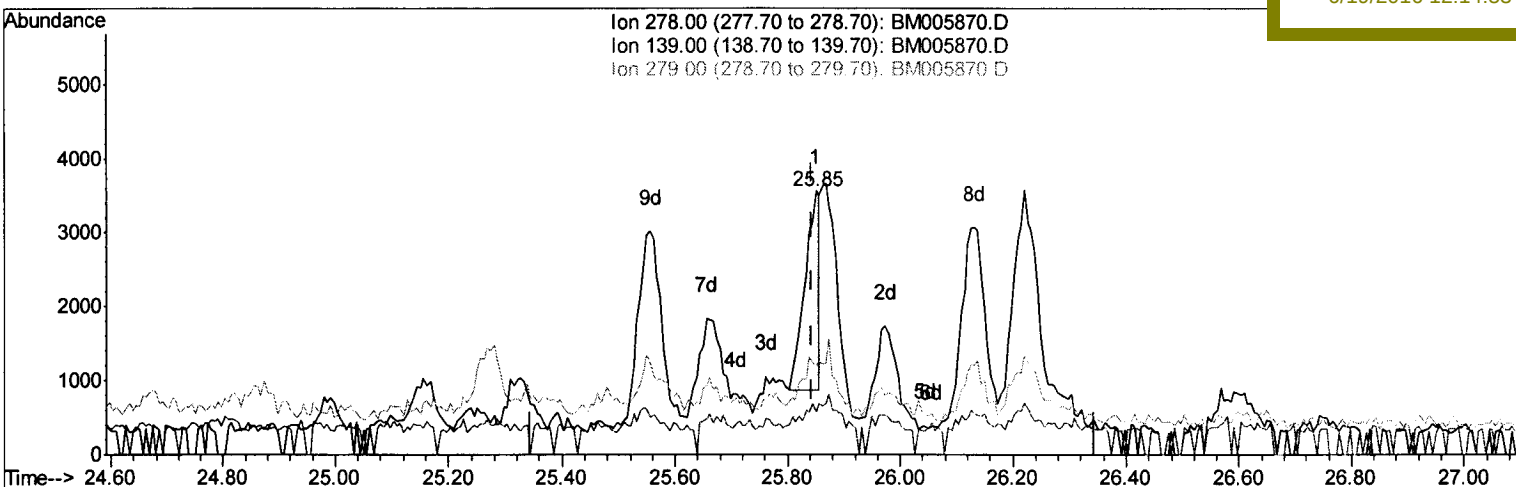
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TIC: BM005870.D

(40) Dibenzo(a,h)anthracene

25.850min (+0.006) 0.76ng/ul

response 4950

Ion	Exp%	Act%
278.00	100	100
139.00	10.30	15.83#
279.00	23.20	33.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

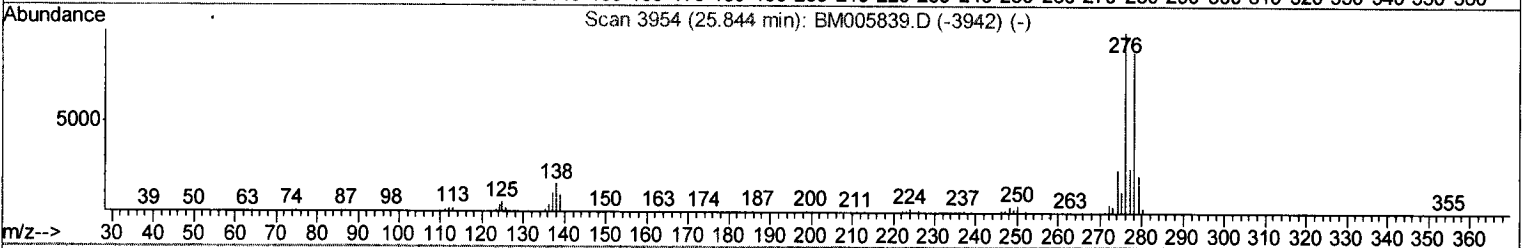
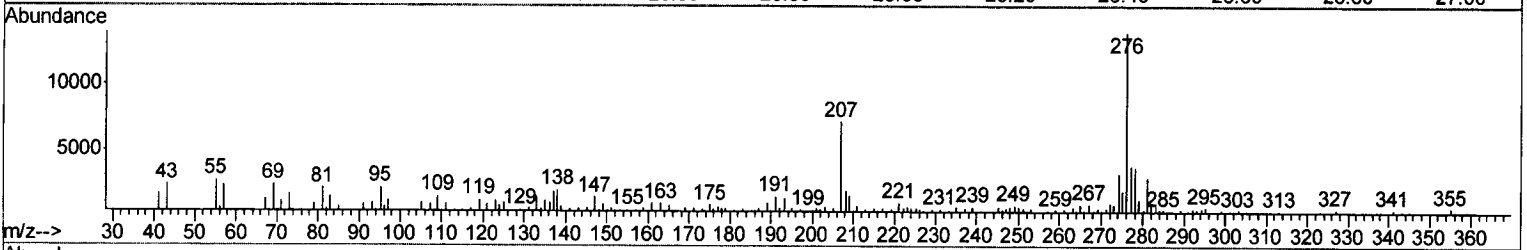
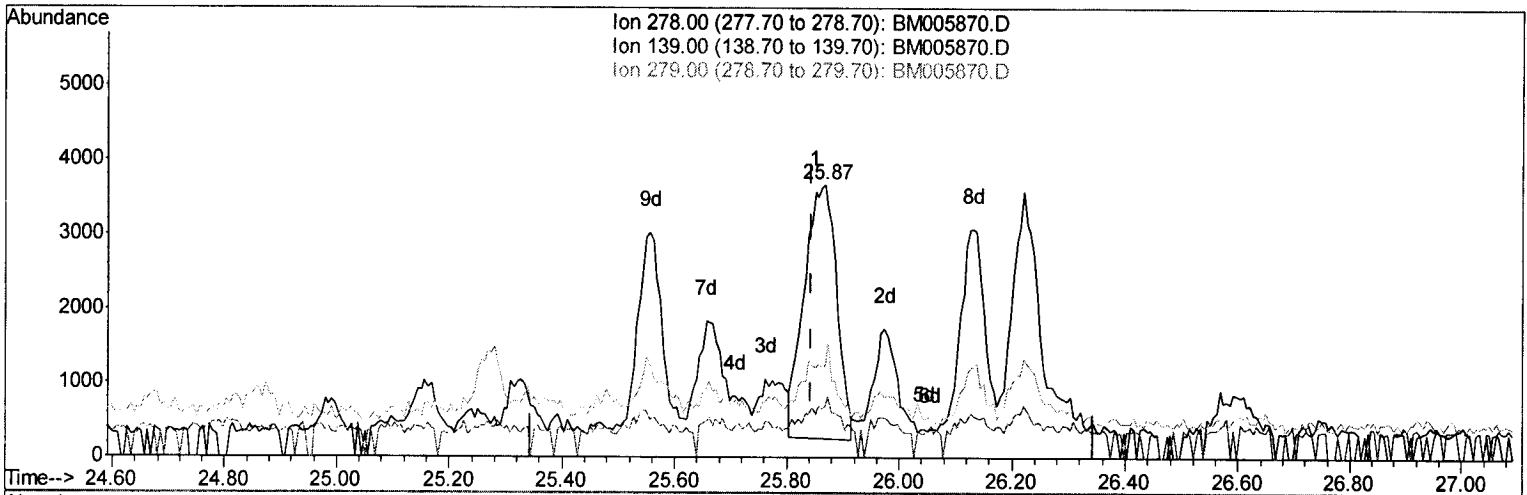
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TIC: BM005870.D

(40) Dibenzo(a,h)anthracene

25.868min (+0.024) 2.12ng/ul m

response 13803

Ion Exp% Act%

278.00 100 100

139.00 10.30 18.59#

279.00 23.20 33.72#

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	7.73	152	17722	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	79945	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.39	164	50626	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.13	188	118810	20.00	ng/ul	0.01
29) Chrysene-d12	21.32	240	120520	20.00	ng/ul	0.01
34) Perylene-d12	23.58	264	106126	20.00	ng/ul	0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	449	3.28	ng/uL	0.00
3) Phenol-d5	6.93	99	29822	20.10	ng/ul	0.02
4) Bis-(2-Chloroethyl) ether-d	7.07	67	16333	21.24	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	28063	22.68	ng/ul	0.01
6) 4-Methylphenol-d8	8.46	113	23513	17.73	ng/ul	0.01
8) Nitrobenzene-d5	8.90	128	13944	24.71	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	16611	24.09	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	32506	23.87	ng/ul	0.01
12) 4-Chloroaniline-d4	10.67	131	20721m	22.48	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	117043	24.44	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	140606	25.48	ng/ul	0.00
20) 4-Nitrophenol-d4	14.66	143	6416	11.12	ng/ul	0.04
21) Fluorene-d10	15.38	176	101662	24.91	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.54	200	6926	8.64	ng/ul	0.02
26) Anthracene-d10	17.23	188	156407	25.21	ng/ul	0.01
30) Pyrene-d10	19.53	212	171801	30.07	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.43	264	138556	26.11	ng/ul	0.02

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Target Compounds

					Qvalue
25) Phenanthrene	17.17	178	50999	7.21 ng/ul	99
27) Anthracene	17.26	178	8411m	1.16 ng/ul	
28) Fluoranthene	19.19	202	166311	18.71 ng/ul	99
31) Pyrene	19.56	202	239132	33.57 ng/ul	99
32) Benzo(a)anthracene	21.30	228	107516	14.28 ng/ul	97
33) Chrysene	21.36	228	135049	18.63 ng/ul	95
35) Benzo(b)fluoranthene	22.90	252	109726	16.61 ng/ul#	97
36) Benzo(k)fluoranthene	22.94	252	29548m	4.63 ng/ul	
38) Benzo(a)pyrene	23.48	252	70603	10.89 ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.87	276	39834	5.02 ng/ul	99
40) Dibenzo(a,h)anthracene	25.87	278	13803m	2.12 ng/ul	
41) Benzo(g,h,i)perylene	26.58	276	38266	5.67 ng/ul	97

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

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