

Quantitation Report (QT Reviewed)

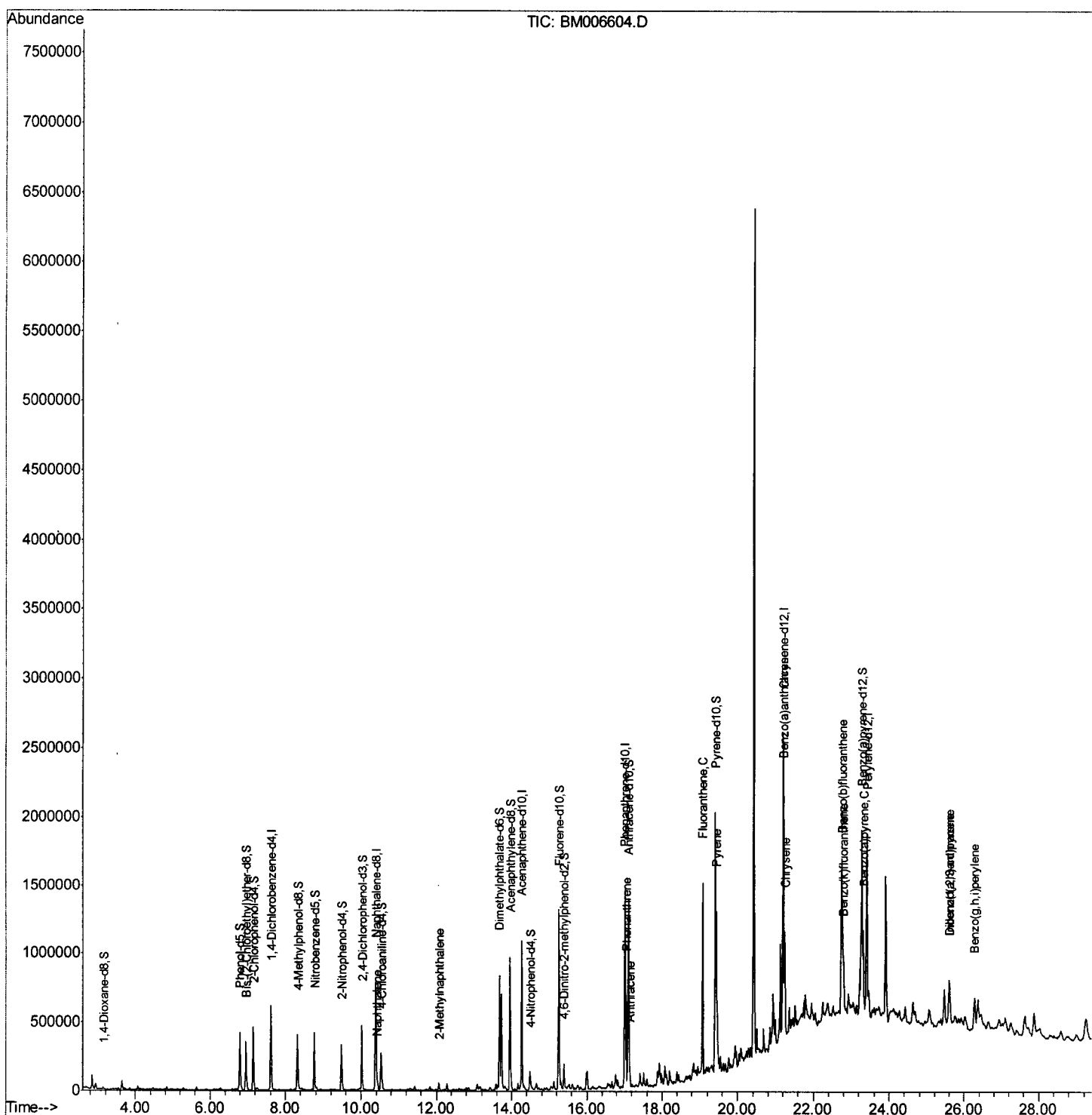
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
 Data File : BM006604.D
 Acq On : 22 Jul 2016 01:52
 Operator : UM/SJ
 Sample : H4078-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YR9

Manual Integration

Quant Time: Jul 22 08:26:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 22 01:56:00 2016
 Response via : Initial Calibration

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Quantitation Report (Qedit)

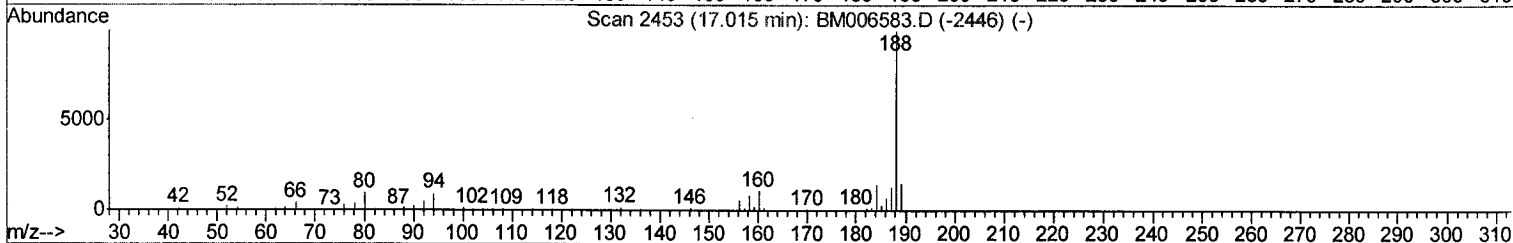
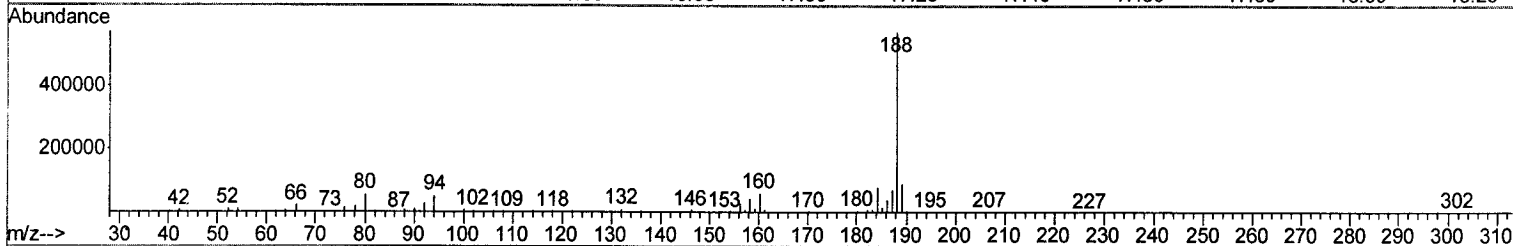
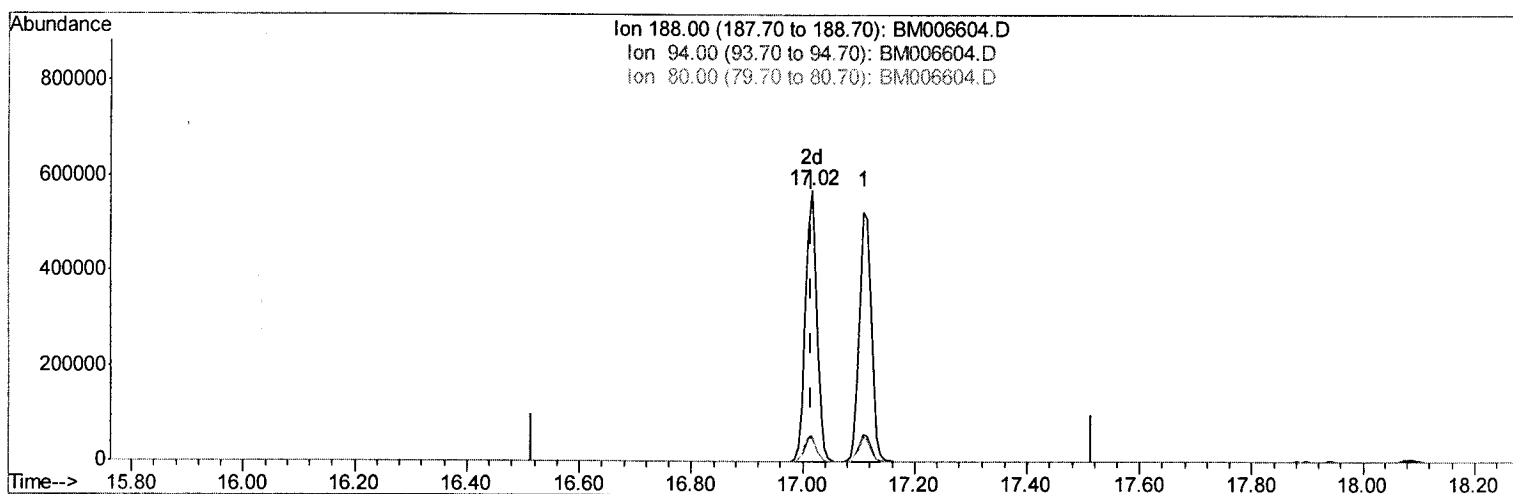
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TIC: BM006604.D

(23) Phenanthrene-d10 (I)

17.015min (+0.000) 20.00ng/ul m U.M
 response 815315 07/26/16

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	9.11
80.00	12.20	9.71#
0.00	0.00	0.00

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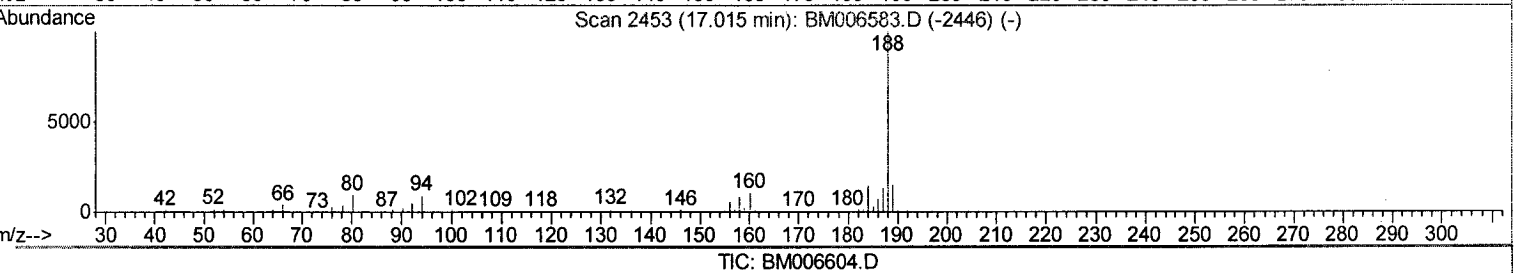
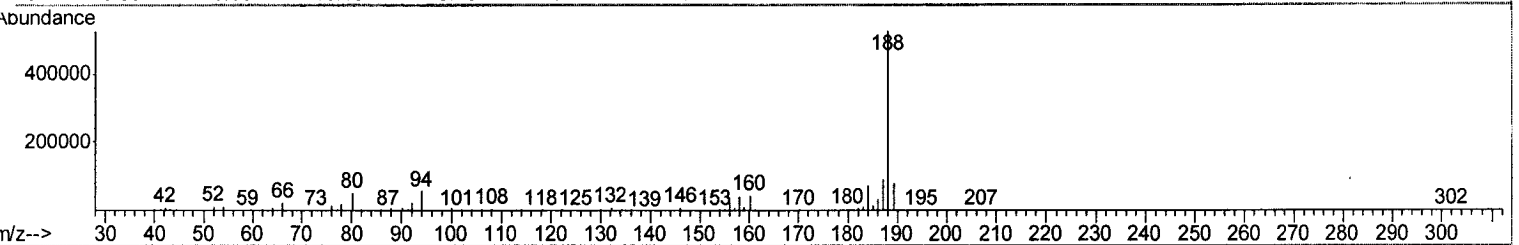
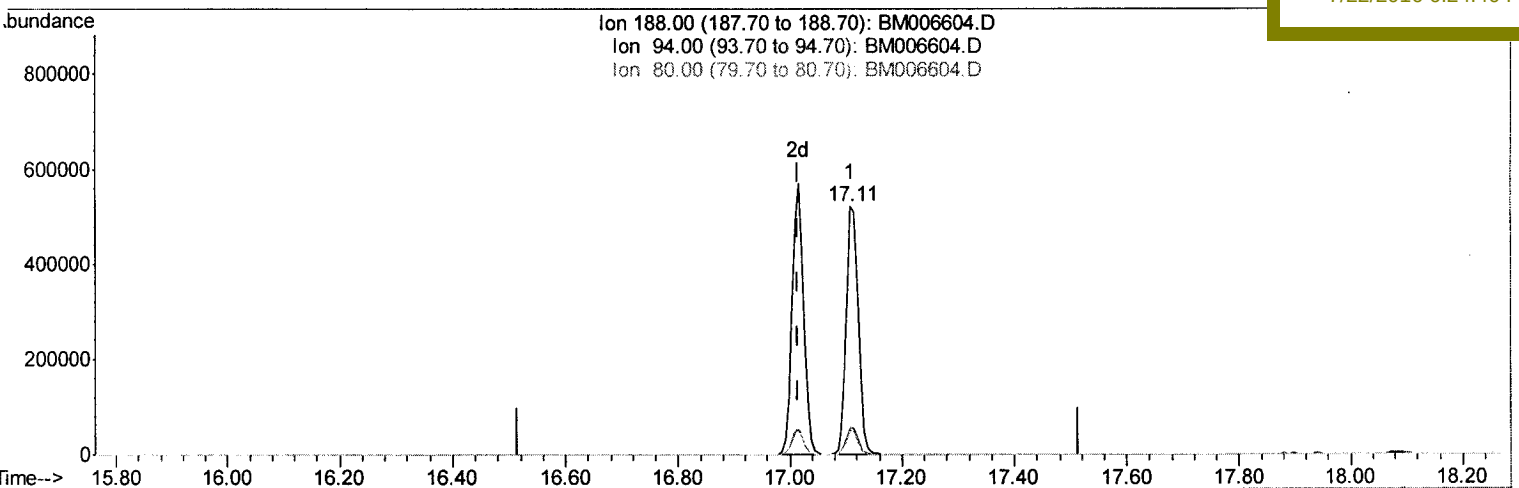
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(23) Phenanthrene-d10 (I)

17.109min (+0.094) 20.00ng/ul

response 771050

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	10.80
80.00	12.20	9.86
0.00	0.00	0.00

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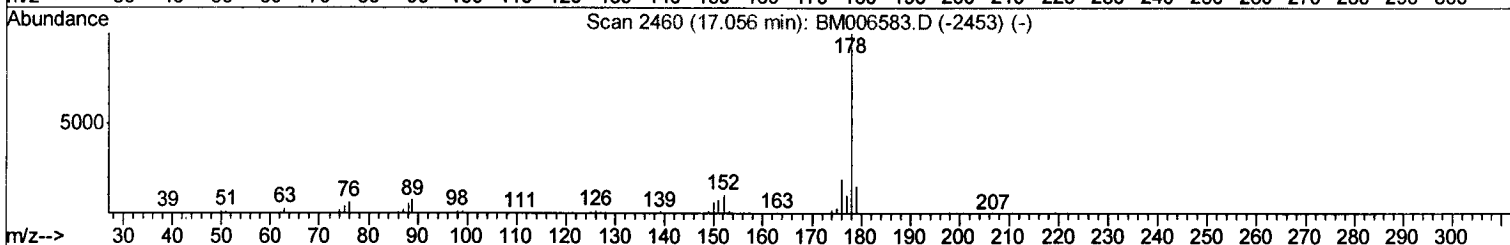
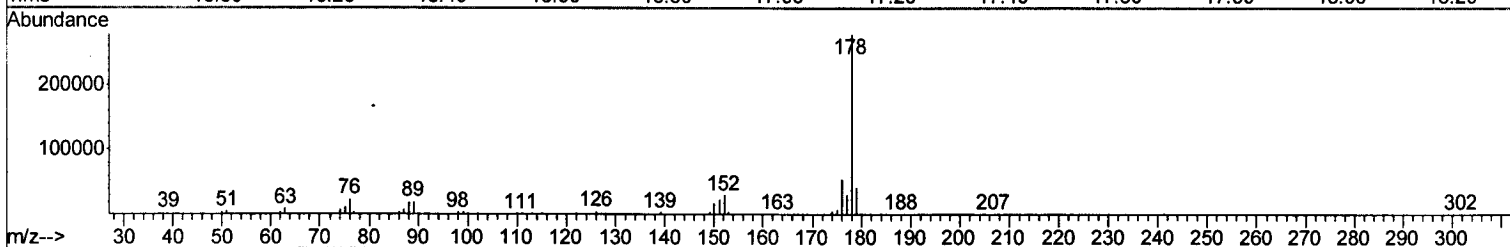
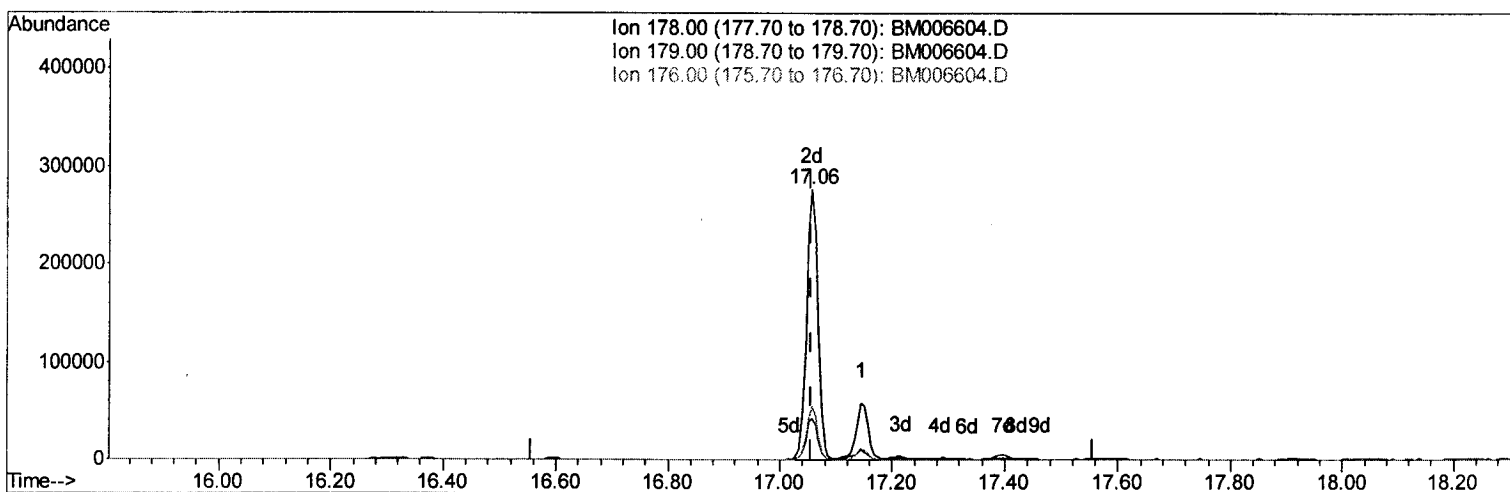
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(25) Phenanthrene

17.057min (+0.000) 8.57ng/ul m

response 392915

U.M
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Ion	Exp%	Act%
178.00	100	100
179.00	14.80	15.47
176.00	18.50	19.89
0.00	0.00	0.00

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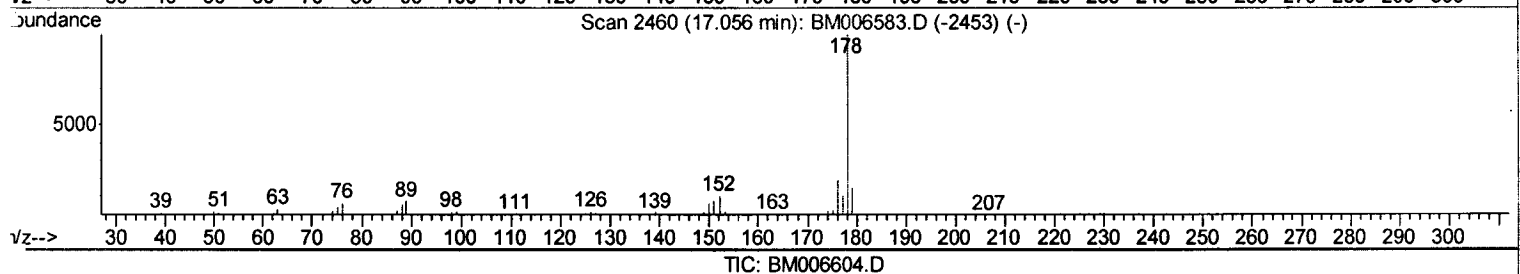
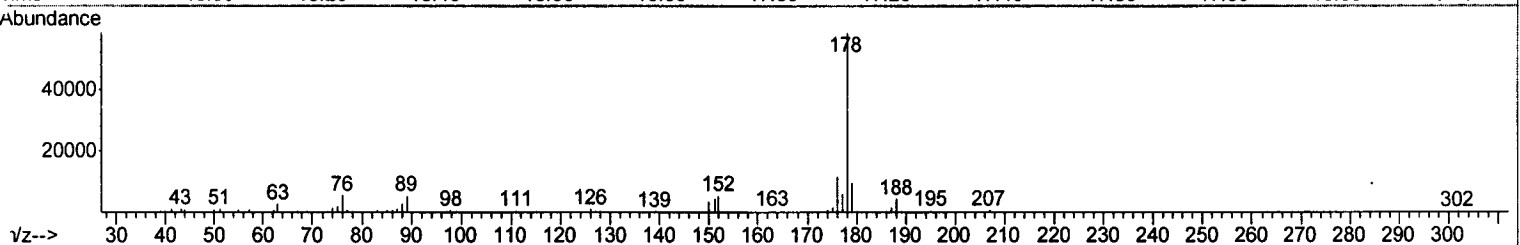
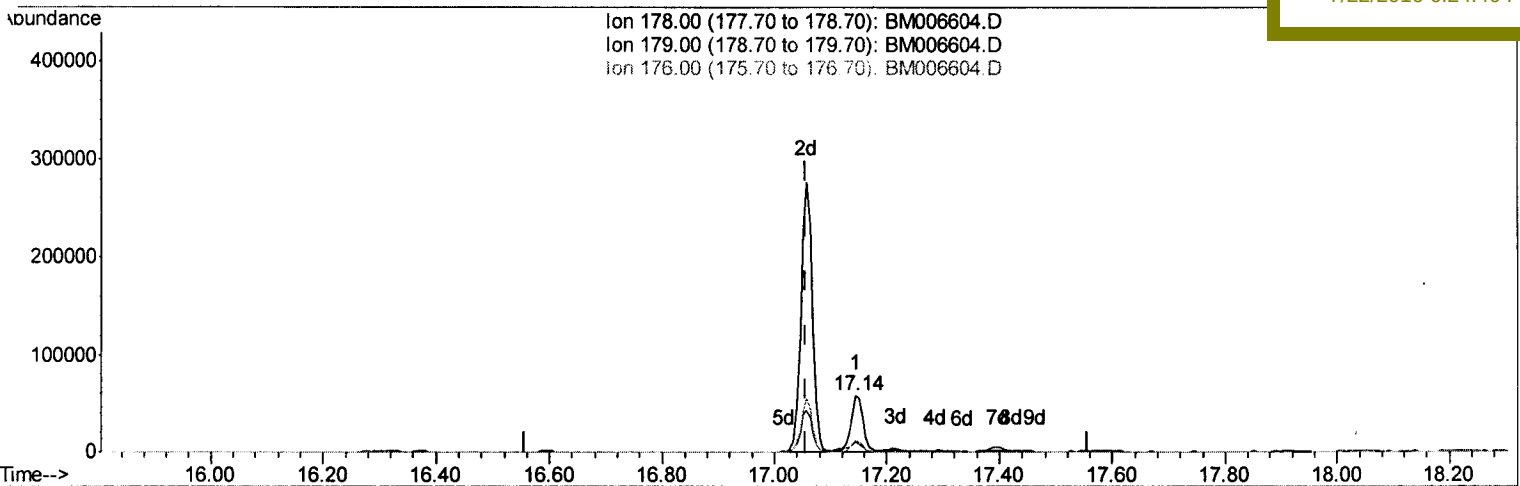
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 ClientSampled :
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(25) Phenanthrene

17.145min (+0.088) 1.86ng/ul

response 85186

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	17.07
176.00	18.50	20.00
0.00	0.00	0.00

Quantitation Report (Qedit)

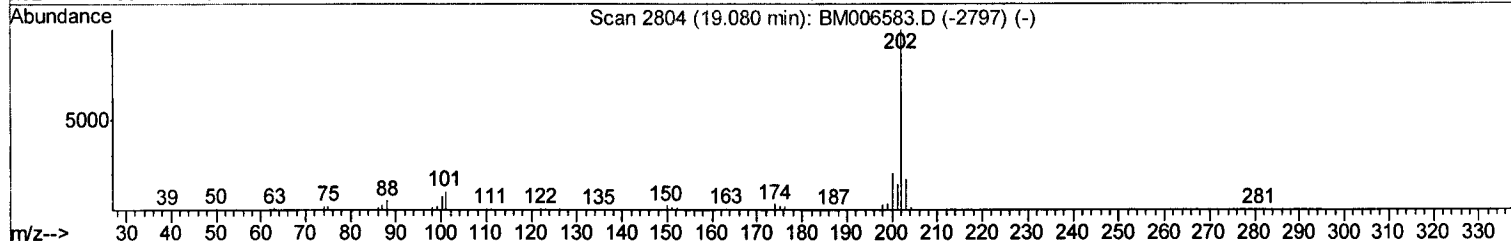
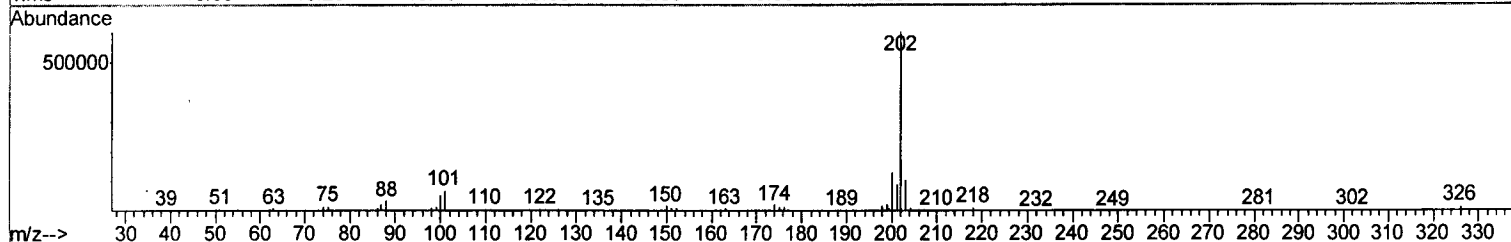
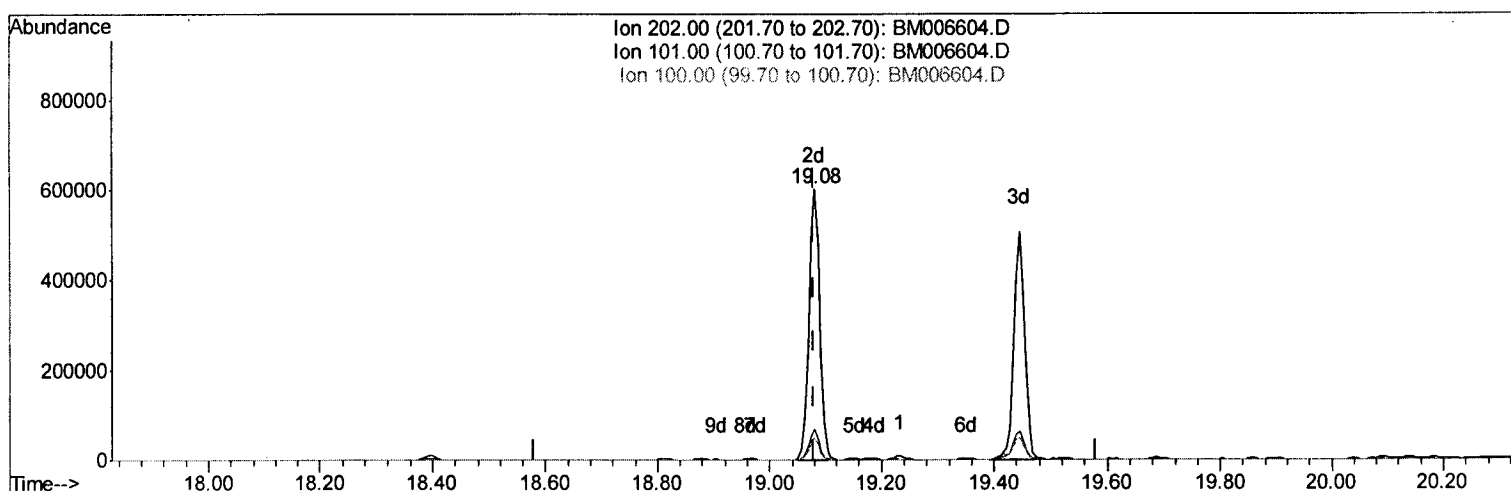
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TIC: BM006604.D

(28) Fluoranthene (C)

19.080min (+0.000) 14.95ng/ul m U.M
 response 805281 07/26/16

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	11.20
100.00	8.70	7.99
0.00	0.00	0.00

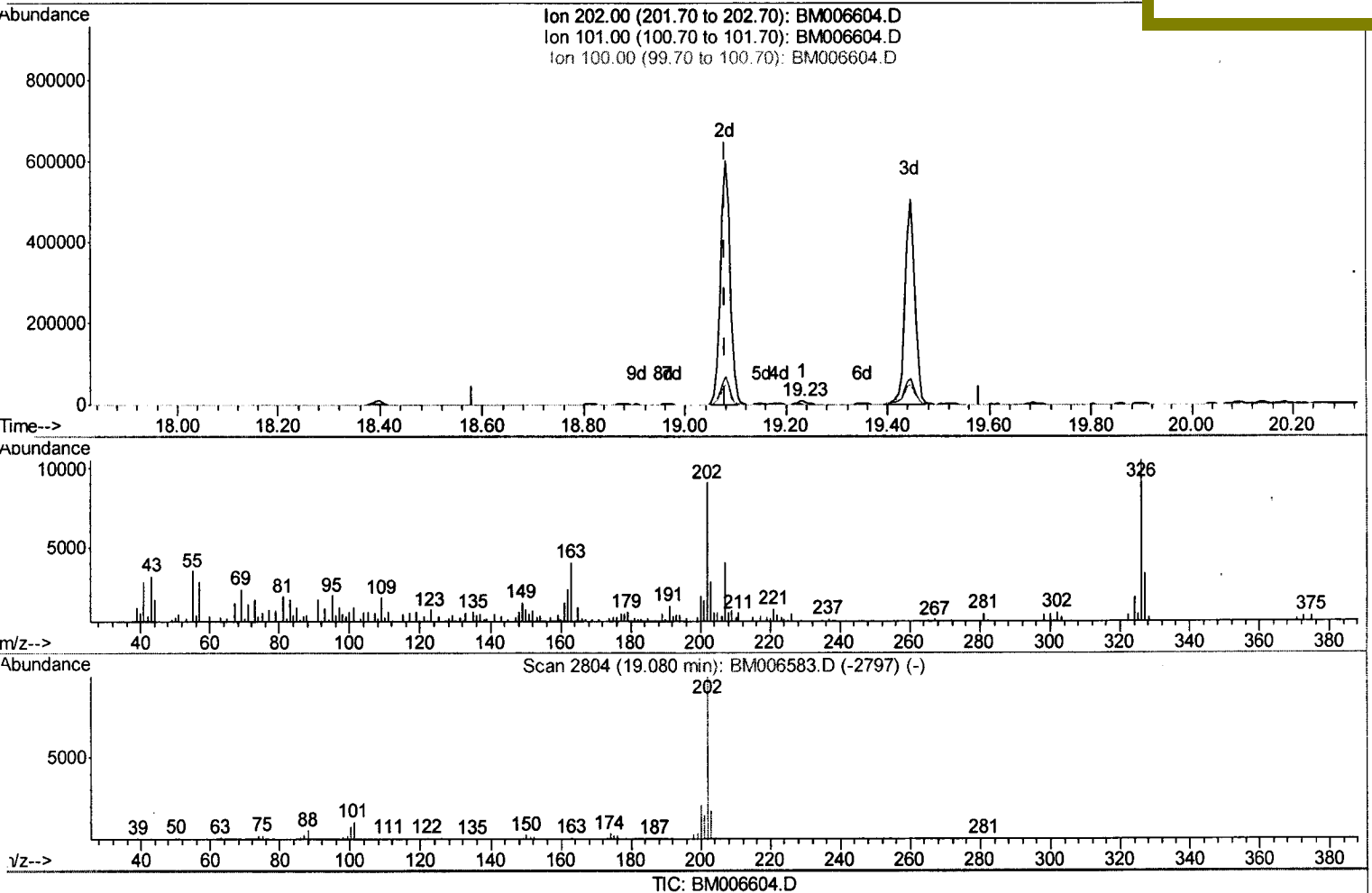
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Sample : H4078-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integration

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(28) Fluoranthene (C)

19.233min (+0.153) 0.18ng/ul

response 9943

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	12.97
100.00	8.70	9.91
0.00	0.00	0.00

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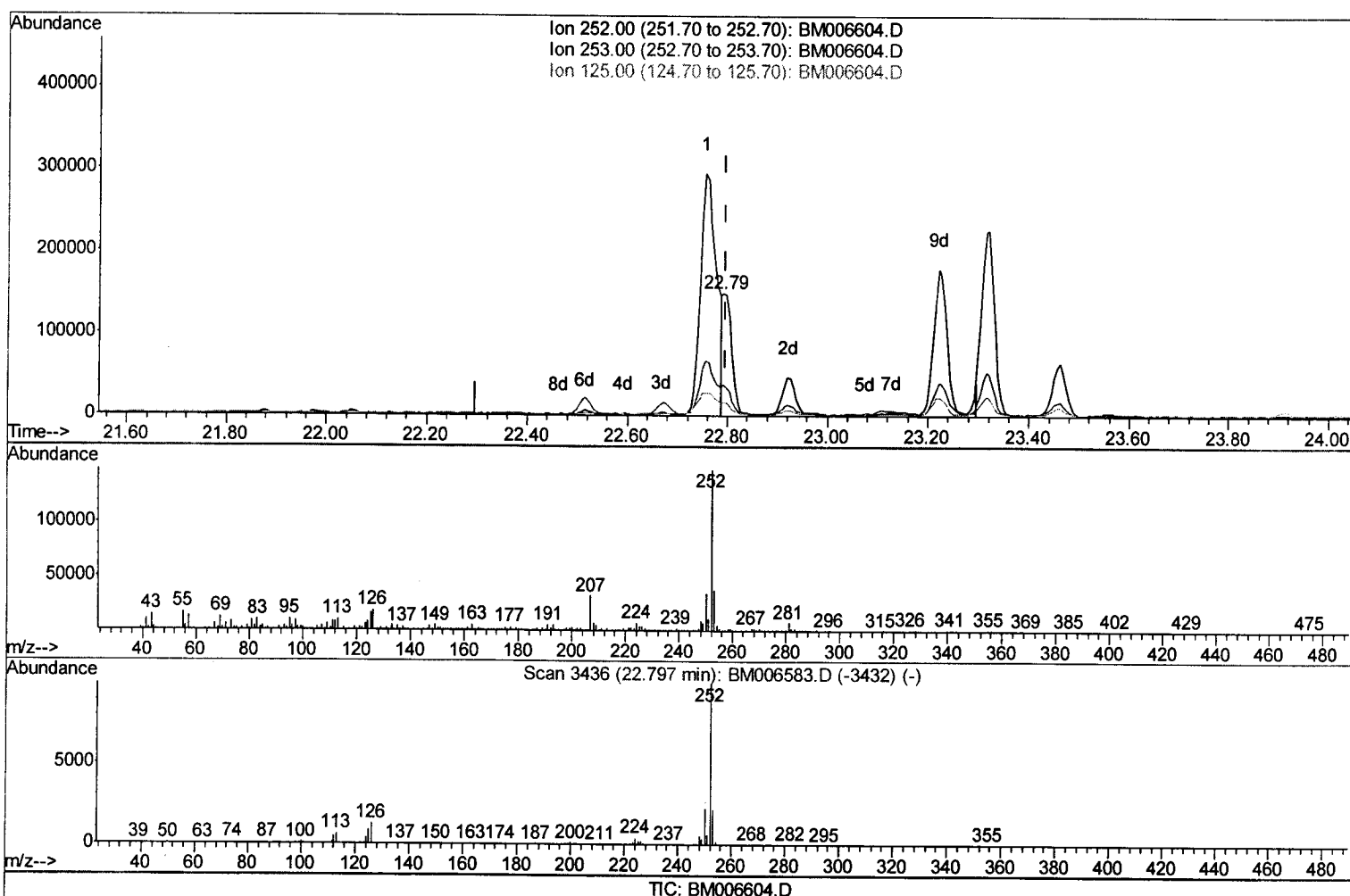
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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(36) Benzo(k)fluoranthene

22.791min (-0.006) 3.41ng/ul m

U.M
07/26/16

response 196349

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.49
125.00	9.60	10.86
0.00	0.00	0.00

Quantitation Report (Qedit)

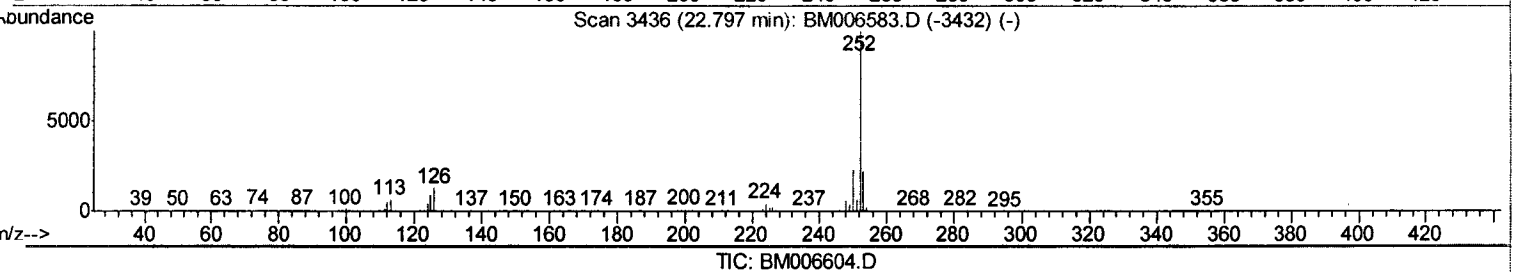
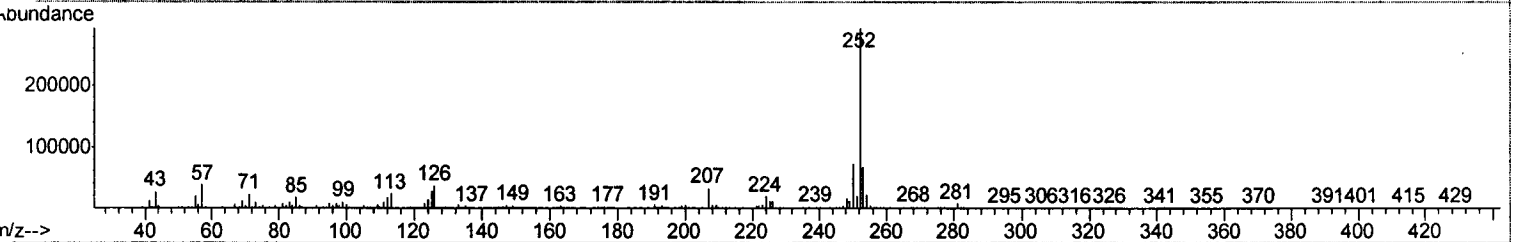
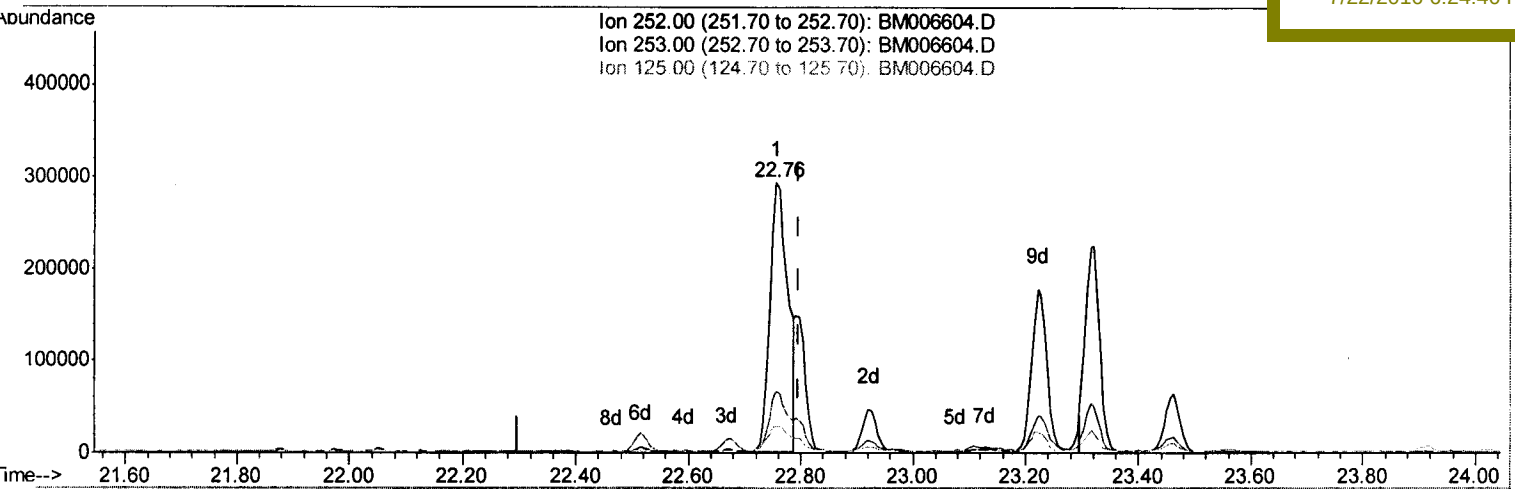
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 Misc :
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Instrument :
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Manual Integration

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(36) Benzo(k)fluoranthene

22.756min (-0.041) 11.13ng/ul

response 641349

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.70
125.00	9.60	9.73
0.00	0.00	0.00

Quantitation Report (Qedit)

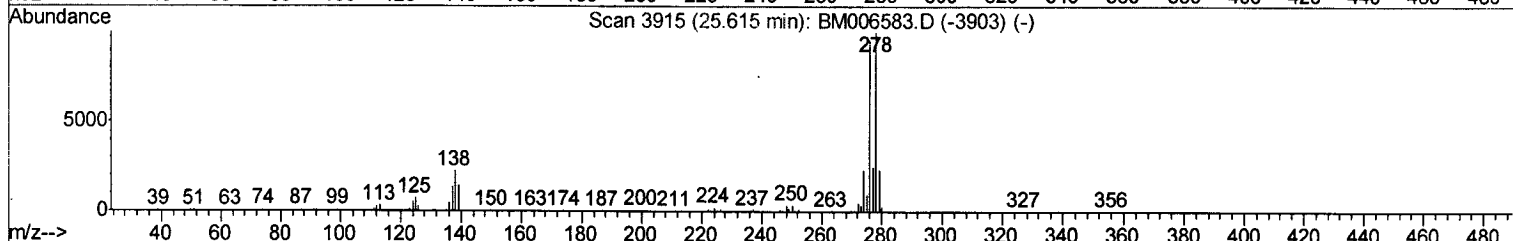
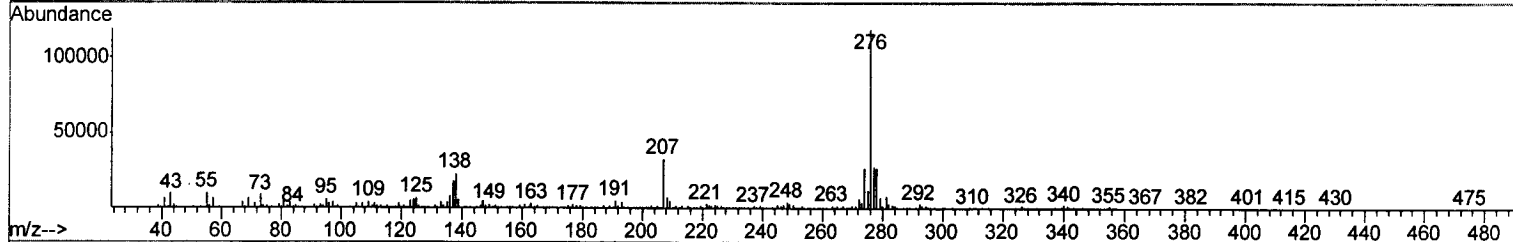
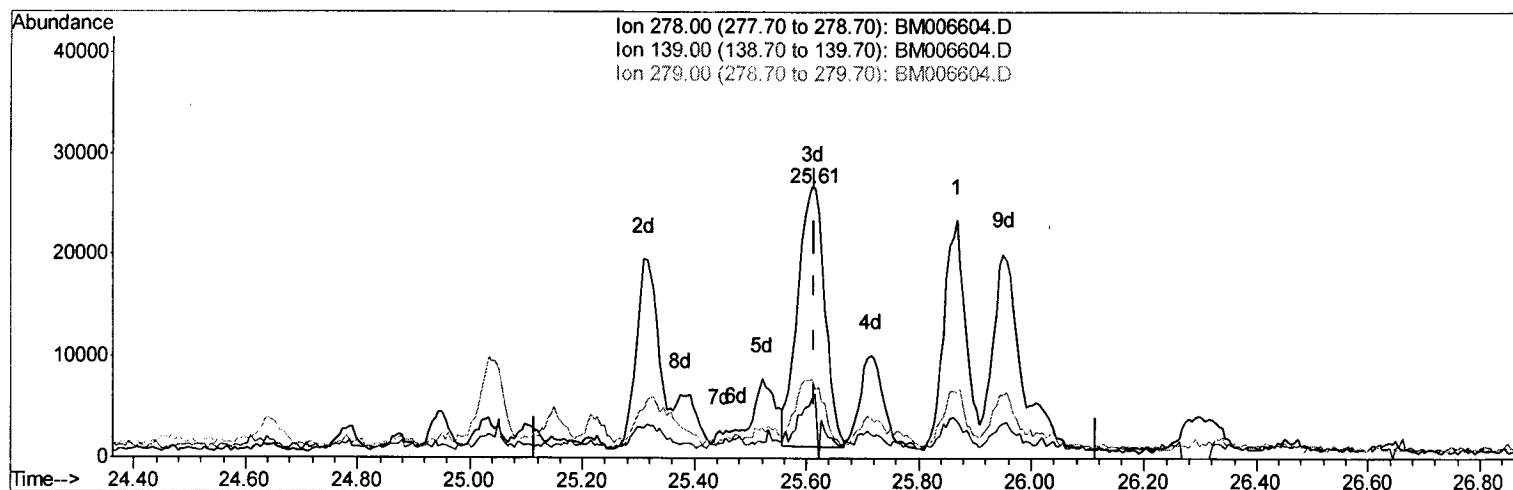
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TIC: BM006604.D

(40) Dibenzo(a,h)anthracene

25.609min (-0.006) 1.54ng/ul m

response 85485

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	21.56#
279.00	24.80	29.05
0.00	0.00	0.00

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Quantitation Report (Qedit)

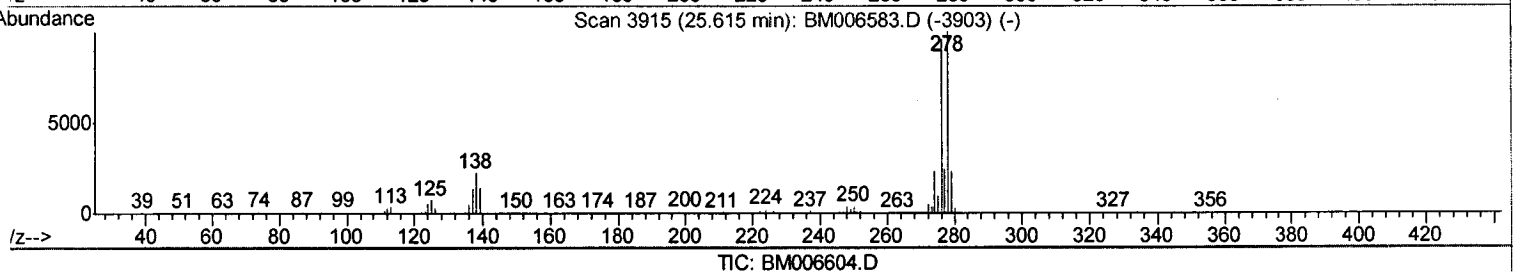
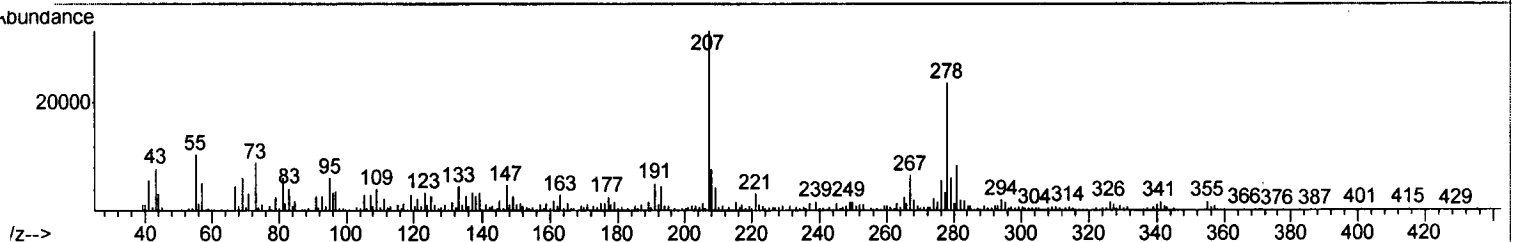
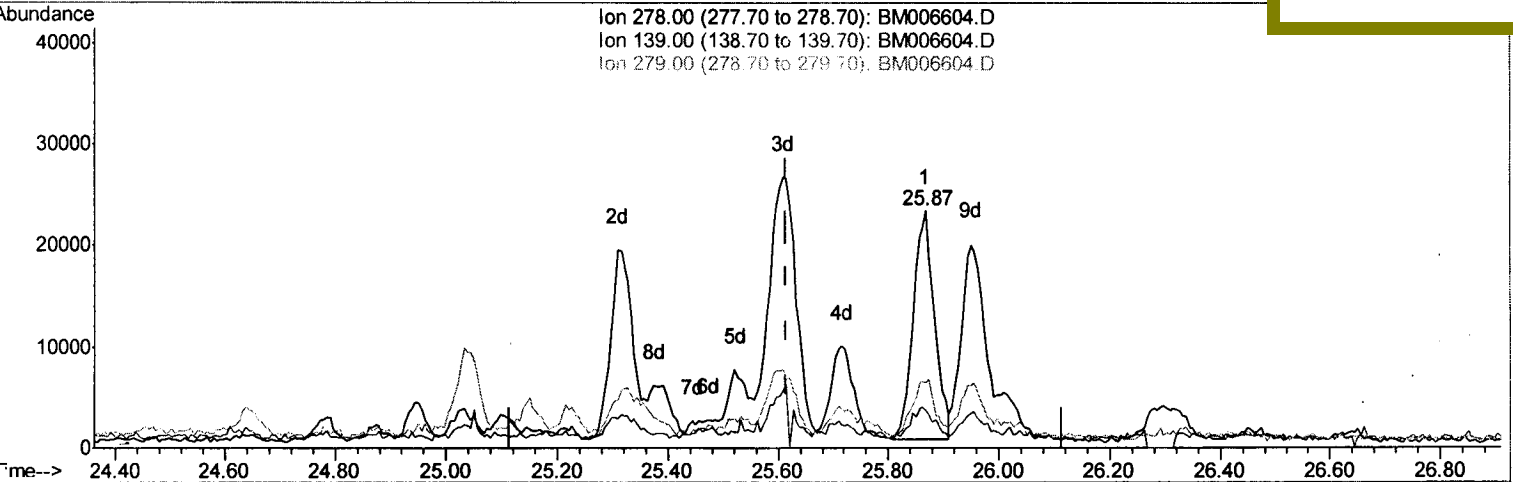
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(40) Dibenzo(a,h)anthracene

25.868min (+0.253) 1.08ng/ul

response 60211

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	15.28
279.00	24.80	27.35
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	7.61	152	159065	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	668614	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	365729	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	815315m	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	923032	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	994361	20.00	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	6098	1.55	ng/uL	0.00
3) Phenol-d5	6.79	99	230674	17.05	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	160960	19.20	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	195258	18.06	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	151112	14.40	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	95105	18.79	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	100595	18.69	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	180293	17.73	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	156728	13.99	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	553354	19.30	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	719172	19.65	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	35769	7.18	ng/ul	0.01
21) Fluorene-d10	15.26	176	503741	19.64	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	39141	9.25	ng/ul	0.00
26) Anthracene-d10	17.11	188	771048	19.92	ng/ul	0.00
30) Pyrene-d10	19.42	212	877023	20.85	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	909397	19.88	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	10.44	128	37350	1.08	ng/ul#	94
13) 2-Methylnaphthalene	12.06	142	27375	1.08	ng/ul	96
25) Phenanthrene	17.06	178	392915m	8.57	ng/ul	98
27) Anthracene	17.14	178	85186	1.80	ng/ul	98
28) Fluoranthene	19.08	202	805281m	14.95	ng/ul	98
31) Pyrene	19.44	202	679430	12.16	ng/ul	98
32) Benzo(a)anthracene	21.20	228	426021	7.62	ng/ul	98
33) Chrysene	21.25	228	418779	8.12	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	641349	10.76	ng/ul	100
36) Benzo(k)fluoranthene	22.79	252	196349m	3.41	ng/ul	98
38) Benzo(a)pyrene	23.32	252	410196	7.07	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.61	276	314184	4.68	ng/ul	100
40) Dibenzo(a,h)anthracene	25.61	278	85485m	1.54	ng/ul	99
41) Benzo(g,h,i)perylene	26.28	276	309962	5.38	ng/ul	99

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