

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042016\
 Data File : BM005017.D
 Acq On : 21 Apr 2016 07:45
 Operator : UM/SJ
 Sample : H2567-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M3

Manual Integrations
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Quant Time: Apr 21 17:35:37 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	61025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	138304	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.45	164	133803	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	248158	20.00	ng/ul	0.01
75) Chrysene-d12	21.39	240	218033	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	264967	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.30	96	3536	3.10	ng/uL	0.00
5) Phenol-d5	6.97	99	55669	12.78	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.15	67	101014	40.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	129273	35.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	87343	24.27	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	77352	84.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	77458	75.13	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	126894	67.78	ng/ul	0.04
29) 4-Chloroaniline-d4	10.82	131	70050m	33.21	ng/ul	0.08
43) Dimethylphthalate-d6	13.86	166	360538	39.61	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	445474	39.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	22122	14.24	ng/ul	0.02
57) Fluorene-d10	15.44	176	306553	38.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	40961	38.16	ng/ul	0.03
70) Anthracene-d10	17.32	188	391327	39.69	ng/ul	0.02
76) Pyrene-d10	19.60	212	383214	42.18	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.53	264	446573	43.77	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
2) 1,4-Dioxane	3.34	88	6624	3.19	ng/uL	99	
28) Naphthalene	10.79	128	26049614m	4227.43	ng/ul	97	
34) 2-Methylnaphthalene	12.32	142	5539788	1233.73	ng/ul	97	
40) 1,1'-Biophenyl	13.29	154	1651111	172.02	ng/ul	97	
44) Dimethylphthalate	13.91	163	27236	3.01	ng/ul	98	
47) Acenaphthylene	14.17	152	273788	23.10	ng/ul#	91	
49) Acenaphthene	14.54	153	3218094	417.09	ng/ul	98	
53) Dibenzofuran	14.87	168	3587365	321.26	ng/ul	91	
58) Fluorene	15.52	166	2699454	314.33	ng/ul	99	
69) Phenanthrene	17.29	178	7723594	666.95	ng/ul	98	
71) Anthracene	17.35	178	1468327	125.35	ng/ul	99	
72) Carbazole	17.62	167	1760673	178.53	ng/ul	97	
74) Fluoranthene	19.29	202	5254029	440.42	ng/ul	96	
77) Pyrene	19.64	202	4204173	364.73	ng/ul#	94	
80) Benzo(a)anthracene	21.37	228	1742311	162.19	ng/ul	97	
81) Bis(2-ethylhexyl)phthalate	21.29	149	43274	7.10	ng/ul	96	
82) Chrysene	21.43	228	1262853	124.09	ng/ul	97	
85) Benzo(b)fluoranthene	22.99	252	1265684	96.29	ng/ul	99	
86) Benzo(k)fluoranthene	23.03	252	496139m	39.14	ng/ul	99	
88) Benzo(a)pyrene	23.58	252	832616	66.15	ng/ul	99	
89) Indeno(1,2,3-cd)pyrene	25.98	276	324607	23.18	ng/ul#	94	
90) Dibenzo(a,h)anthracene	25.99	278	90940	7.75	ng/ul#	83	
91) Benzo(g,h,i)perylene	26.69	276	261830	22.20	ng/ul	98	

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Quantitation Report (Qedit)

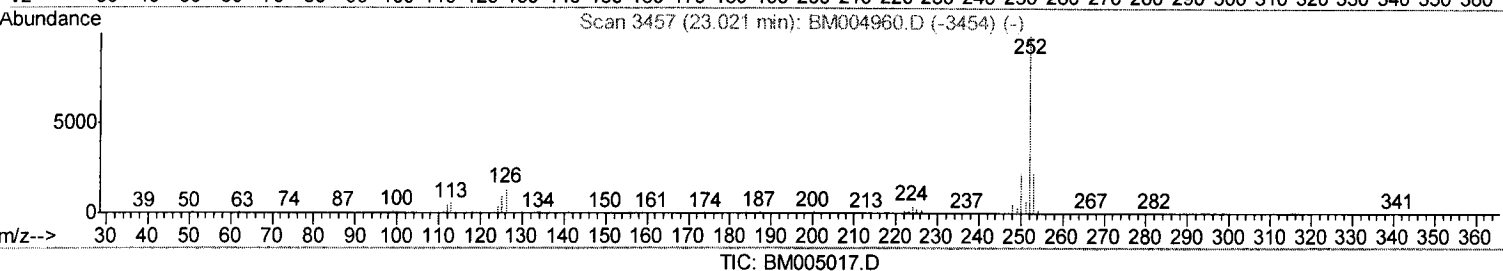
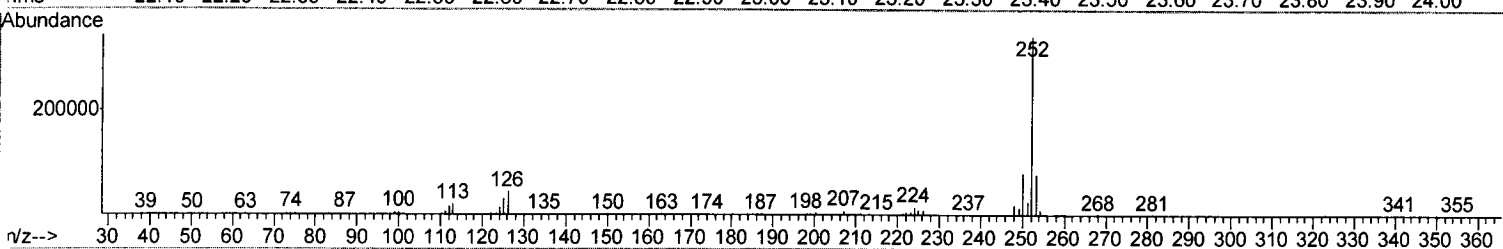
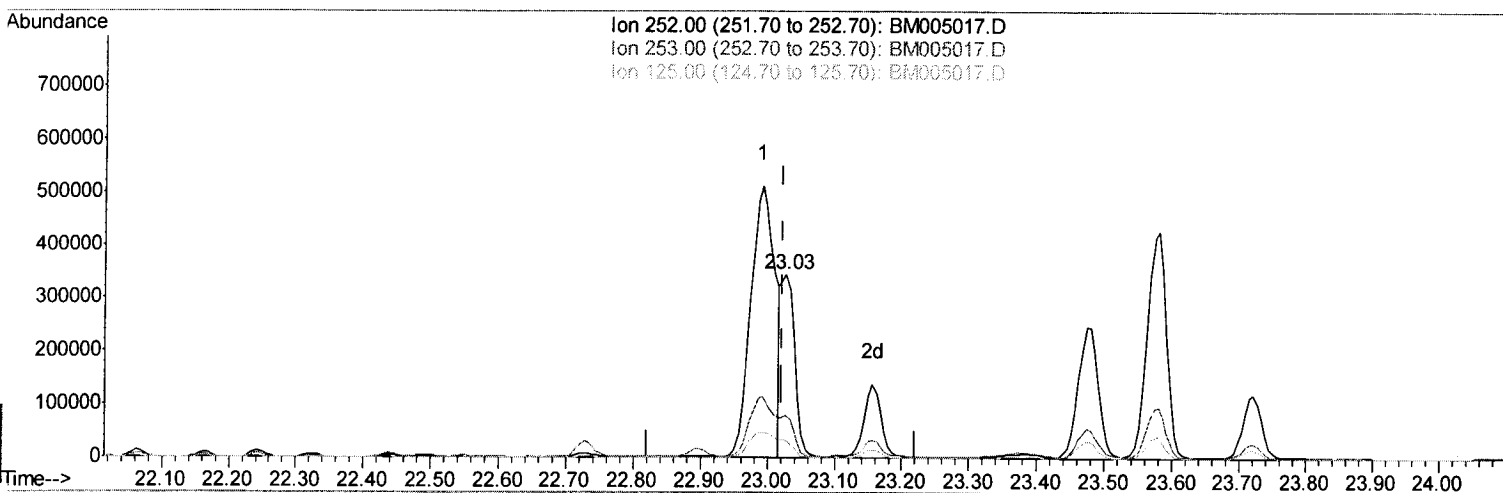
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(86) Benzo(k)fluoranthene

23.027min (+0.006) 39.14ng/ul m

response 496139

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.73
125.00	9.90	9.21
0.00	0.00	0.00

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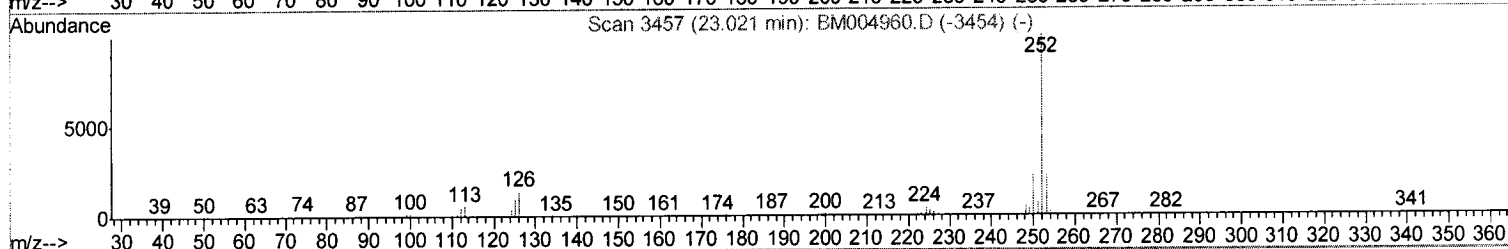
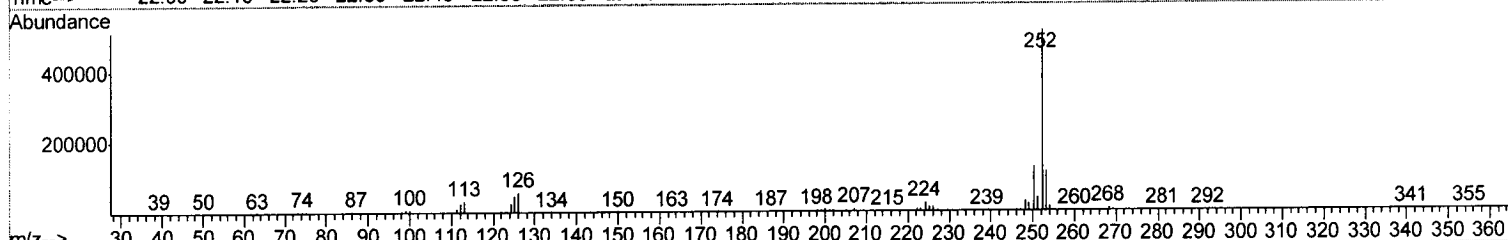
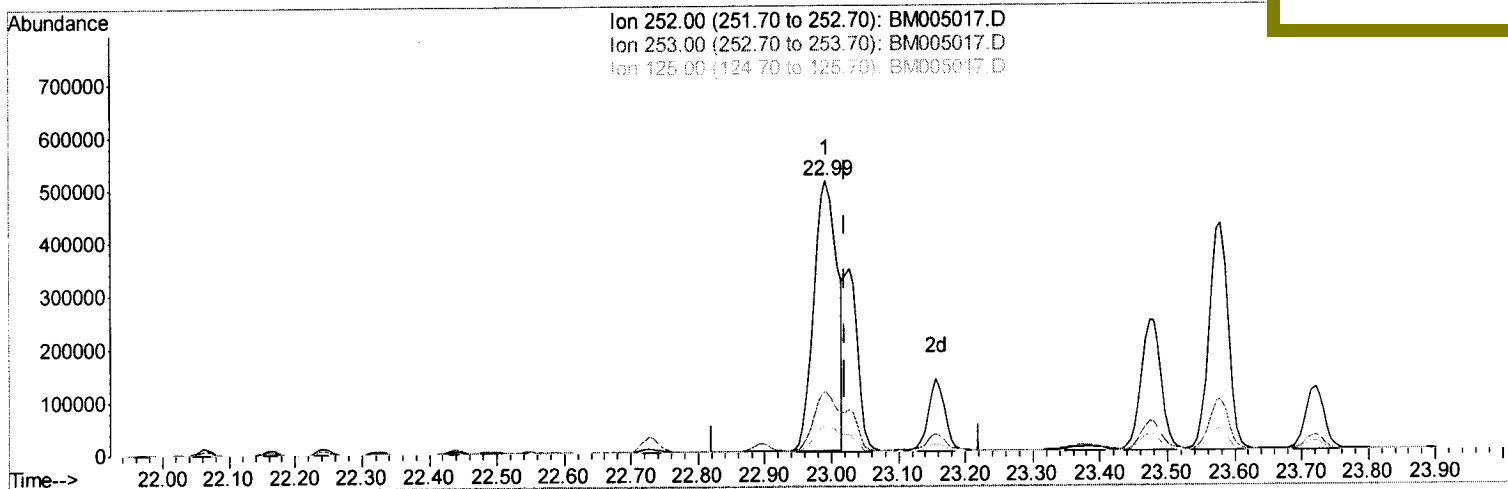
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TIC: BM005017.D

(86) Benzo(k)fluoranthene
22.991min (-0.029) 99.85ng/ul
response 1265684

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.22
125.00	9.90	9.27
0.00	0.00	0.00

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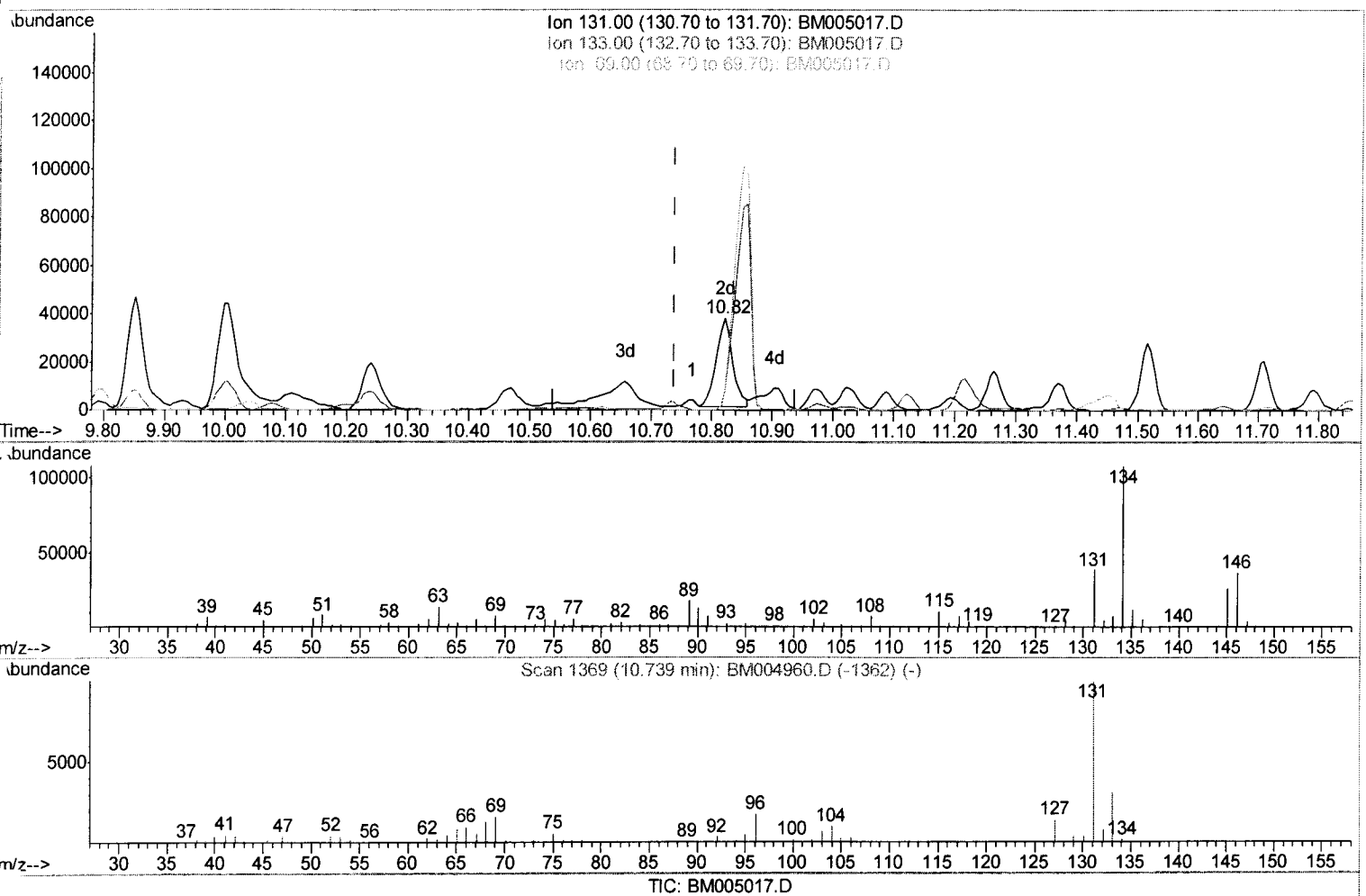
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(29) 4-Chloroaniline-d4 (S)

10.822min (+0.082) 33.21ng/ul m

response 70050

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	20.53#
69.00	16.70	20.27#
0.00	0.00	0.00

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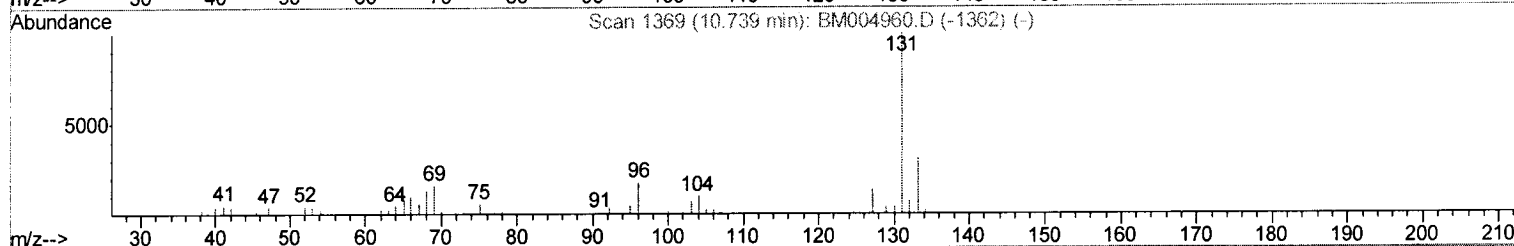
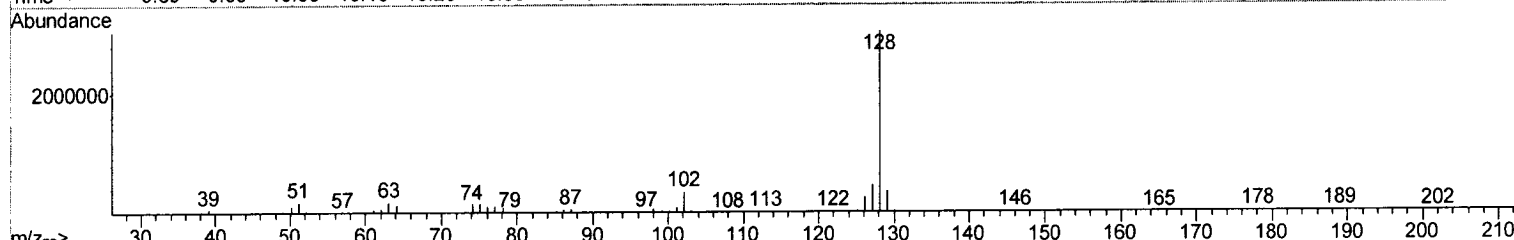
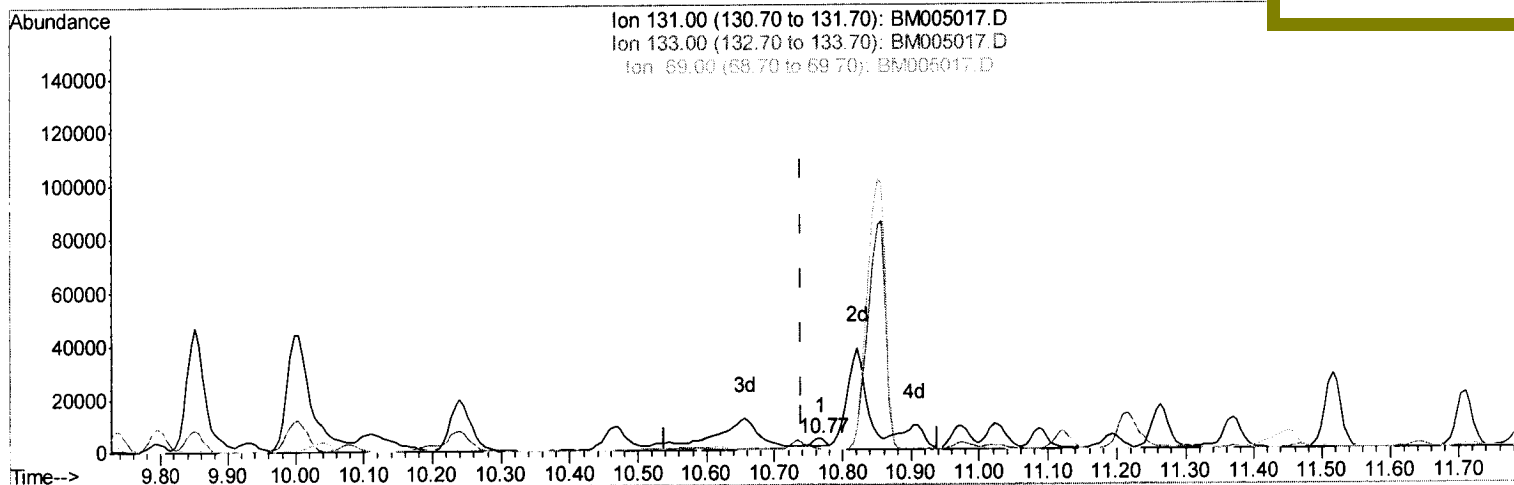
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(29) 4-Chloroaniline-d4 (S)

10.769min (+0.029) 2.01ng/ul

response 4247

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	0.00#
69.00	16.70	0.00#
0.00	0.00	0.00

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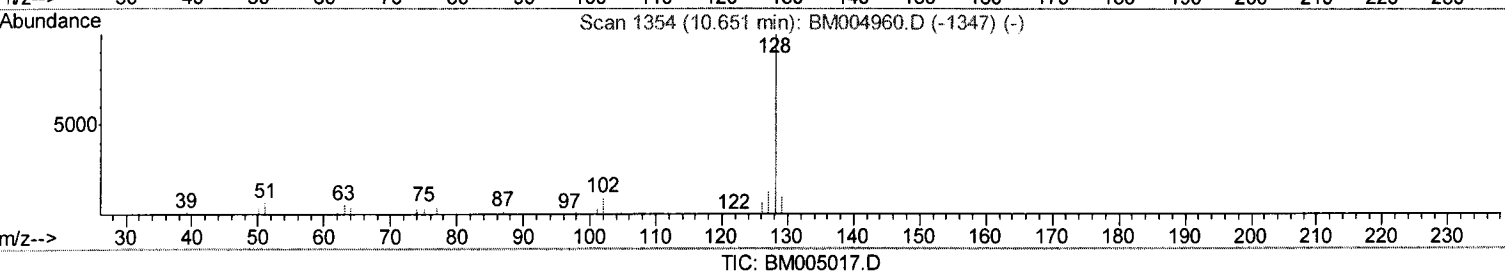
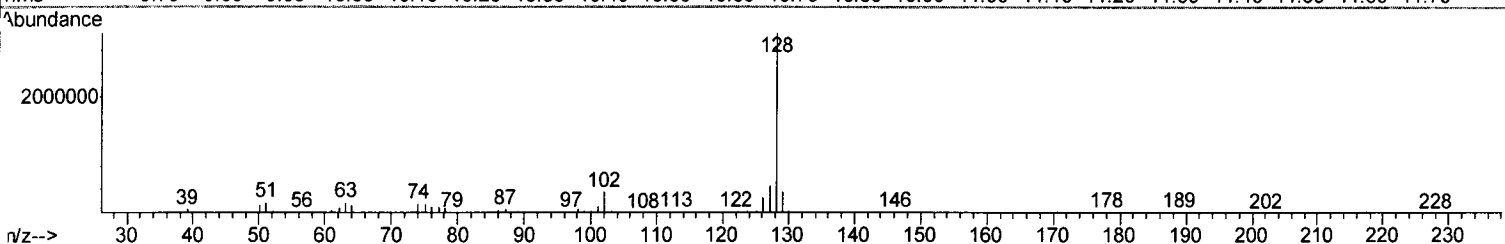
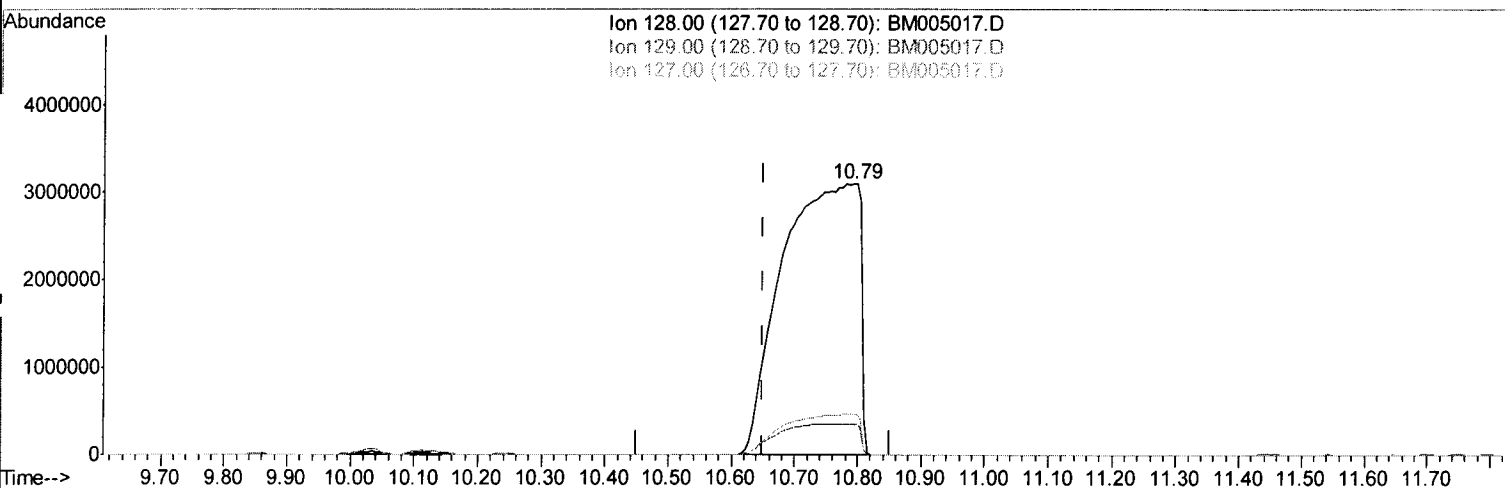
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(28) Naphthalene

10.792min (+0.141) 4227.43ng/ul m

response 26049614

Ion	Exp%	Act%
128.00	100	100
129.00	10.90	11.48
127.00	13.20	15.06
0.00	0.00	0.00

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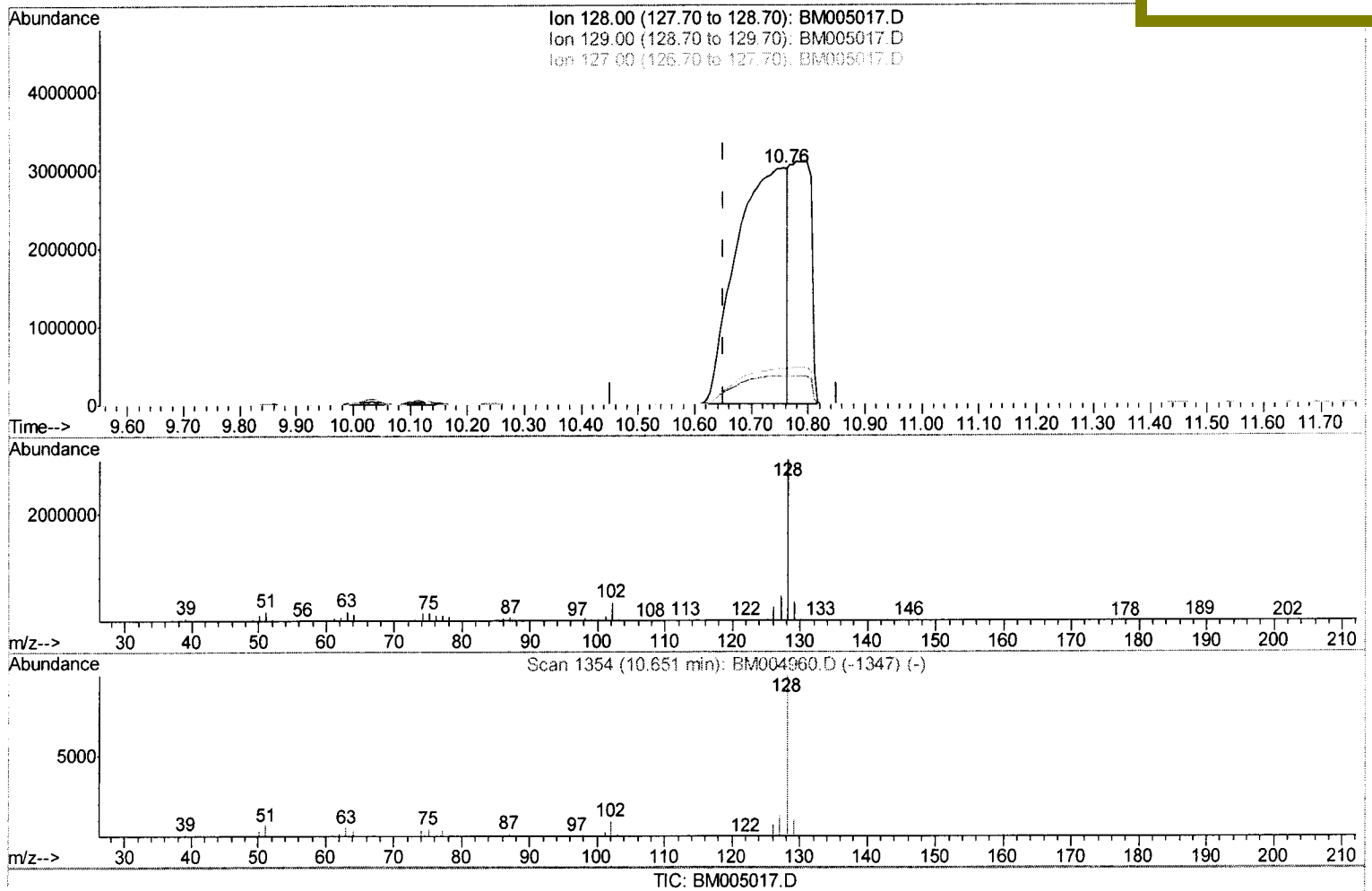
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(28) Naphthalene

10.757min (+0.106) 2979.50ng/ul

response 18359787

Ion	Exp%	Act%
128.00	100	100
129.00	10.90	11.72
127.00	13.20	14.85
0.00	0.00	0.00

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