

Quantitation Report (QT Reviewed)

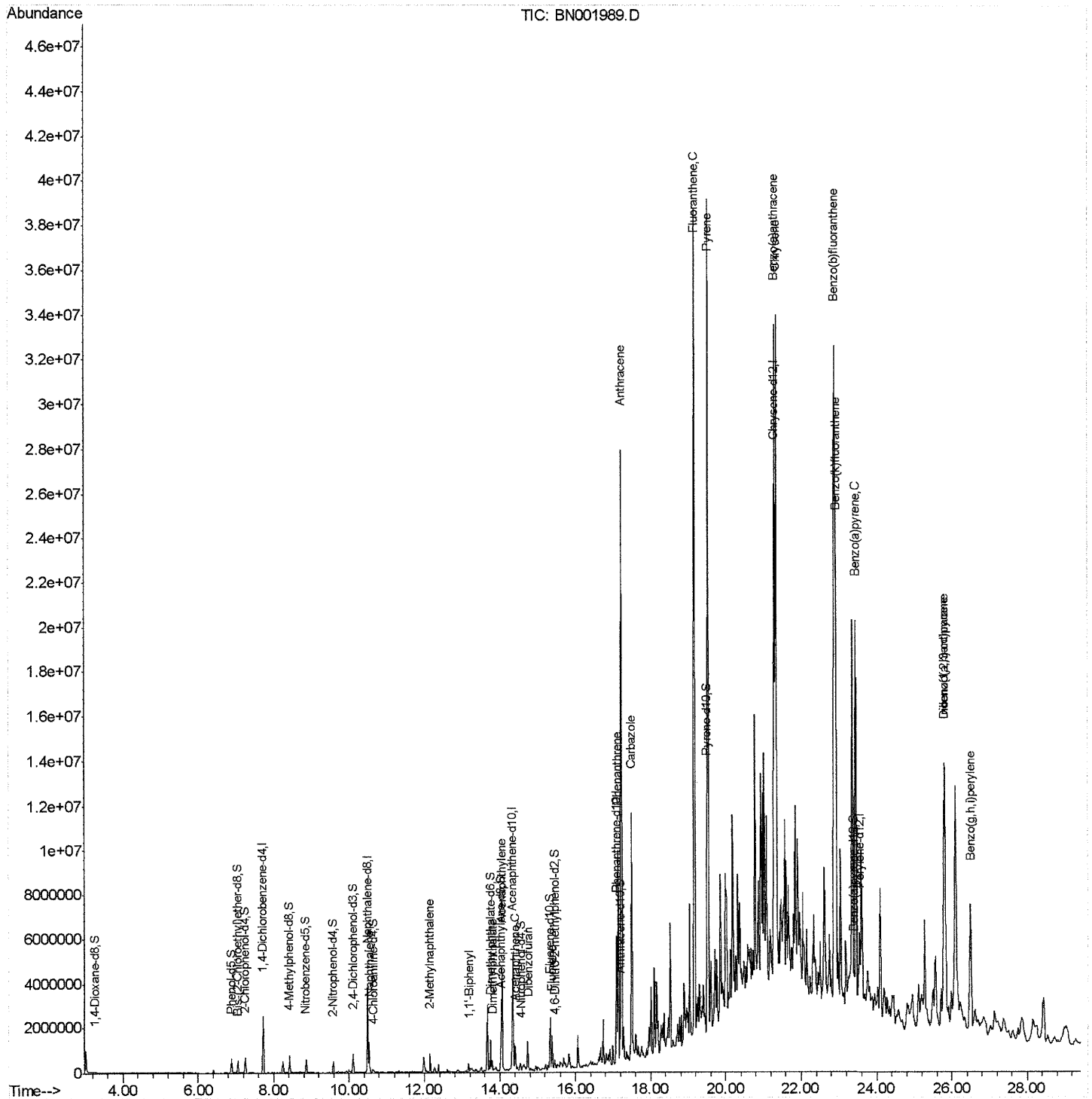
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070618\
 Data File : BN001989.D
 Acq On : 06 Jul 2018 14:39
 Operator : JU/SJ
 Sample : J3765-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 F1H09

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:09:24 PM

Quant Time: Jul 07 01:46:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
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Quantitation Report (Qedit)

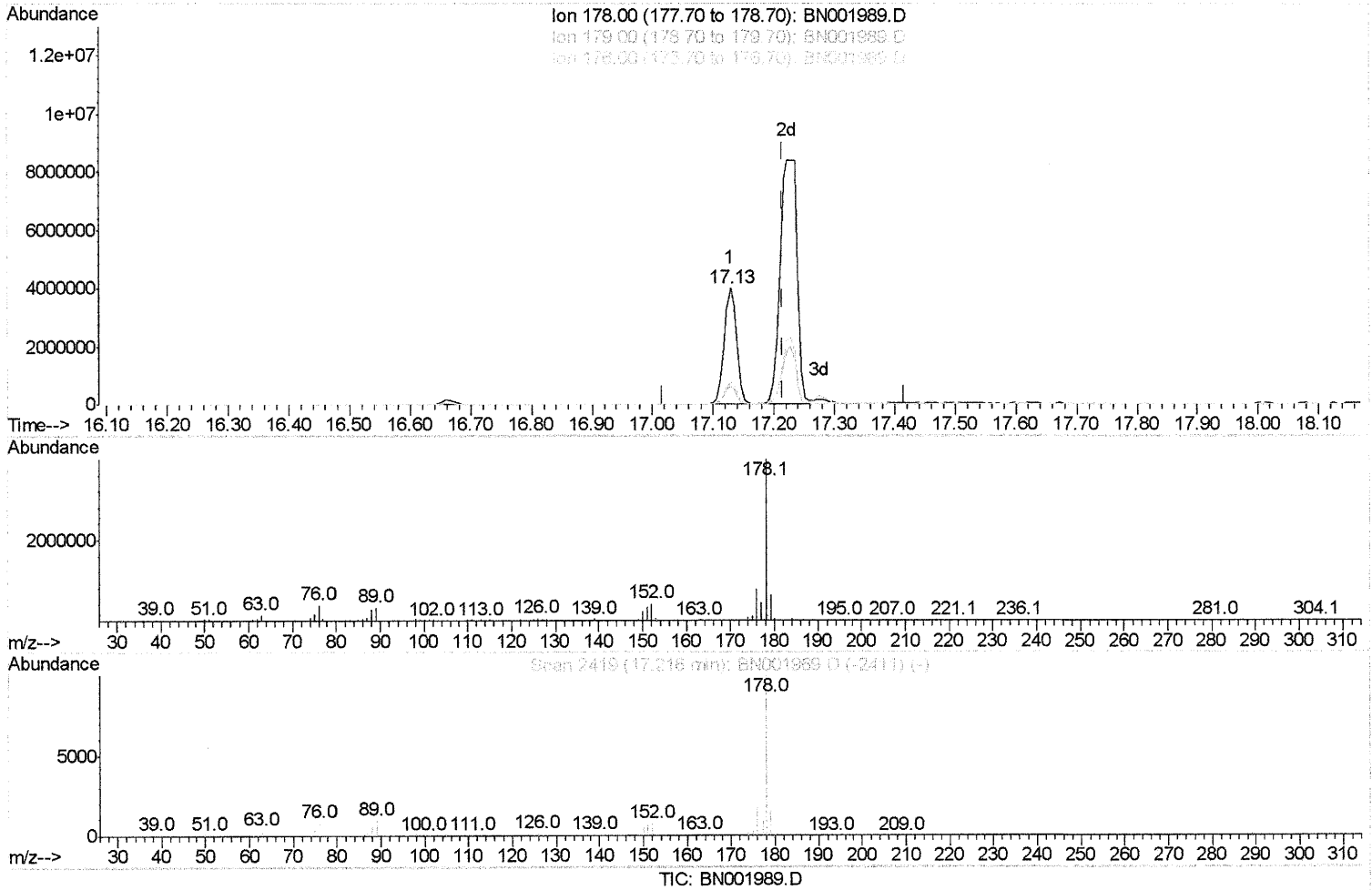
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(71) Anthracene

17.128min (-0.088) 30.60ng/ul

response 5780467

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	16.01
176.00	19.20	19.52
0.00	0.00	0.00

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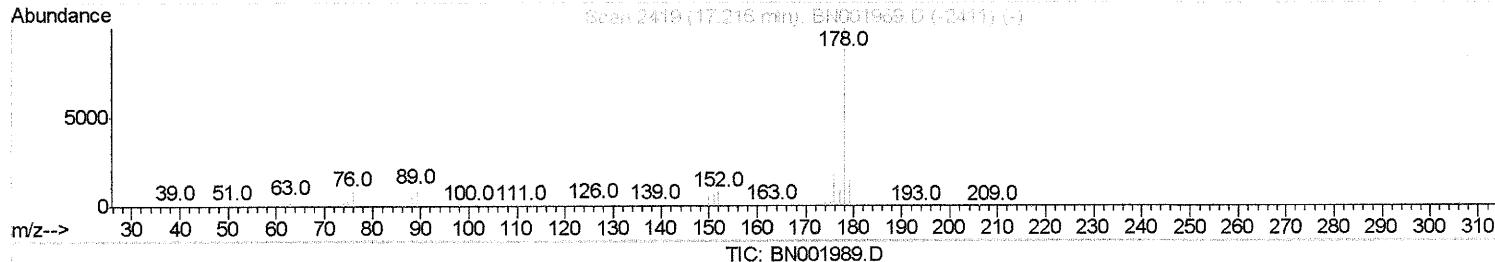
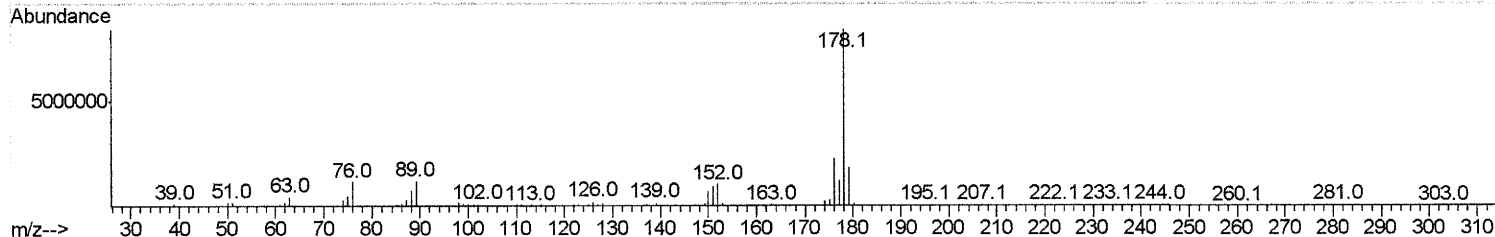
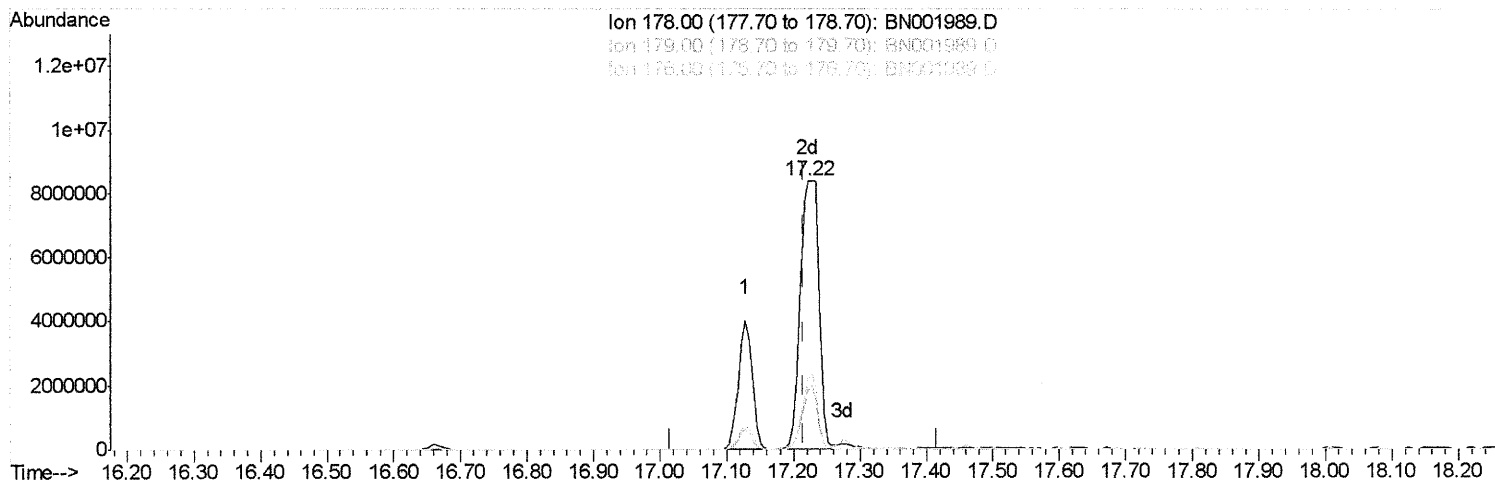
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TIC: BN001989.D

(71) Anthracene

17.222min (+0.006) 86.95ng/ul m

SJ 7/9/18

response 16426521

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	22.23#
176.00	19.20	26.44#
0.00	0.00	0.00

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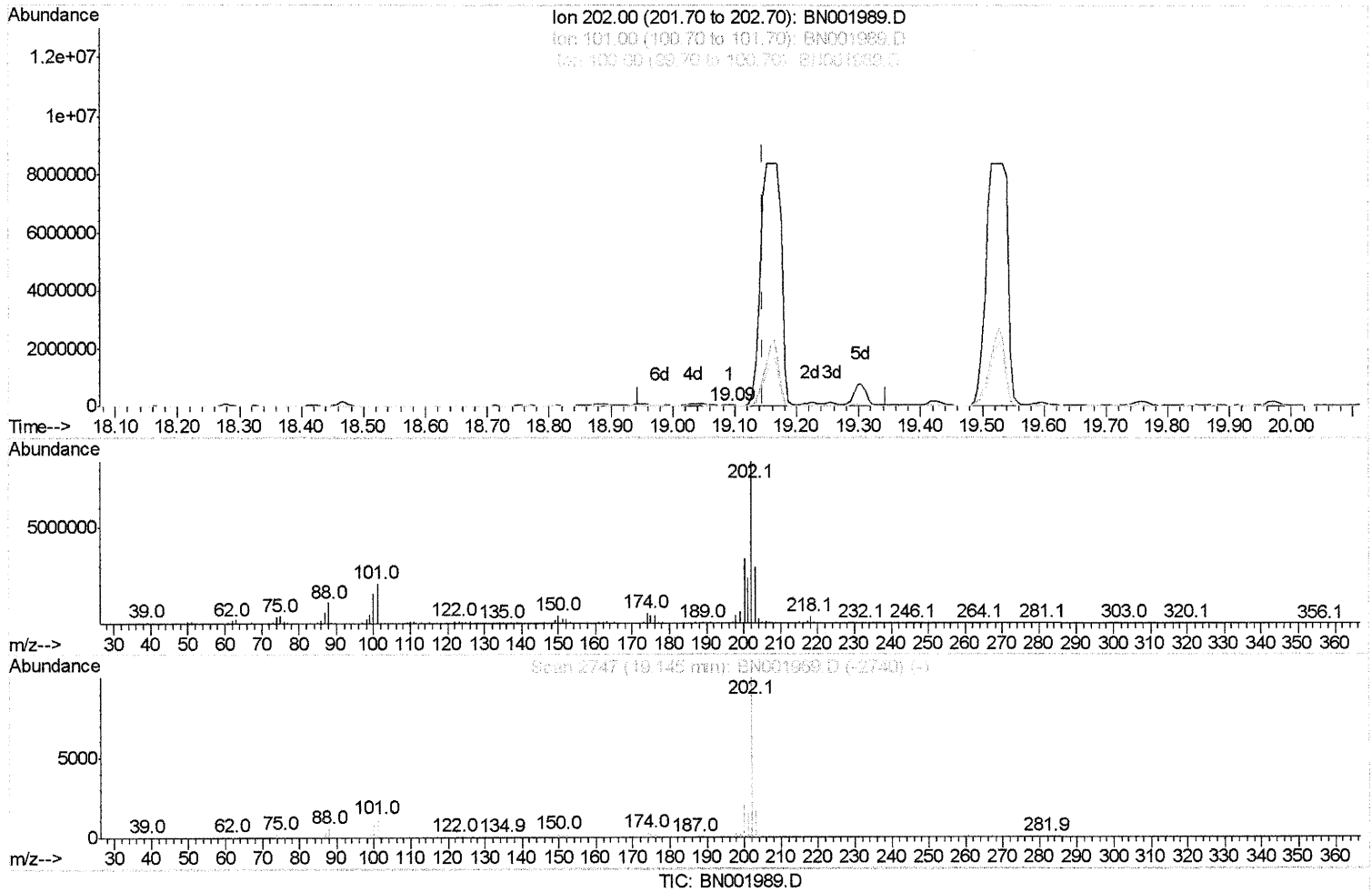
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(74) Fluoranthene (C)

19.092min (-0.053) 0.12ng/ul

response 22727

Ion	Exp%	Act%
202.00	100	100
101.00	7.60	47.34#
100.00	5.80	21.33#
0.00	0.00	0.00

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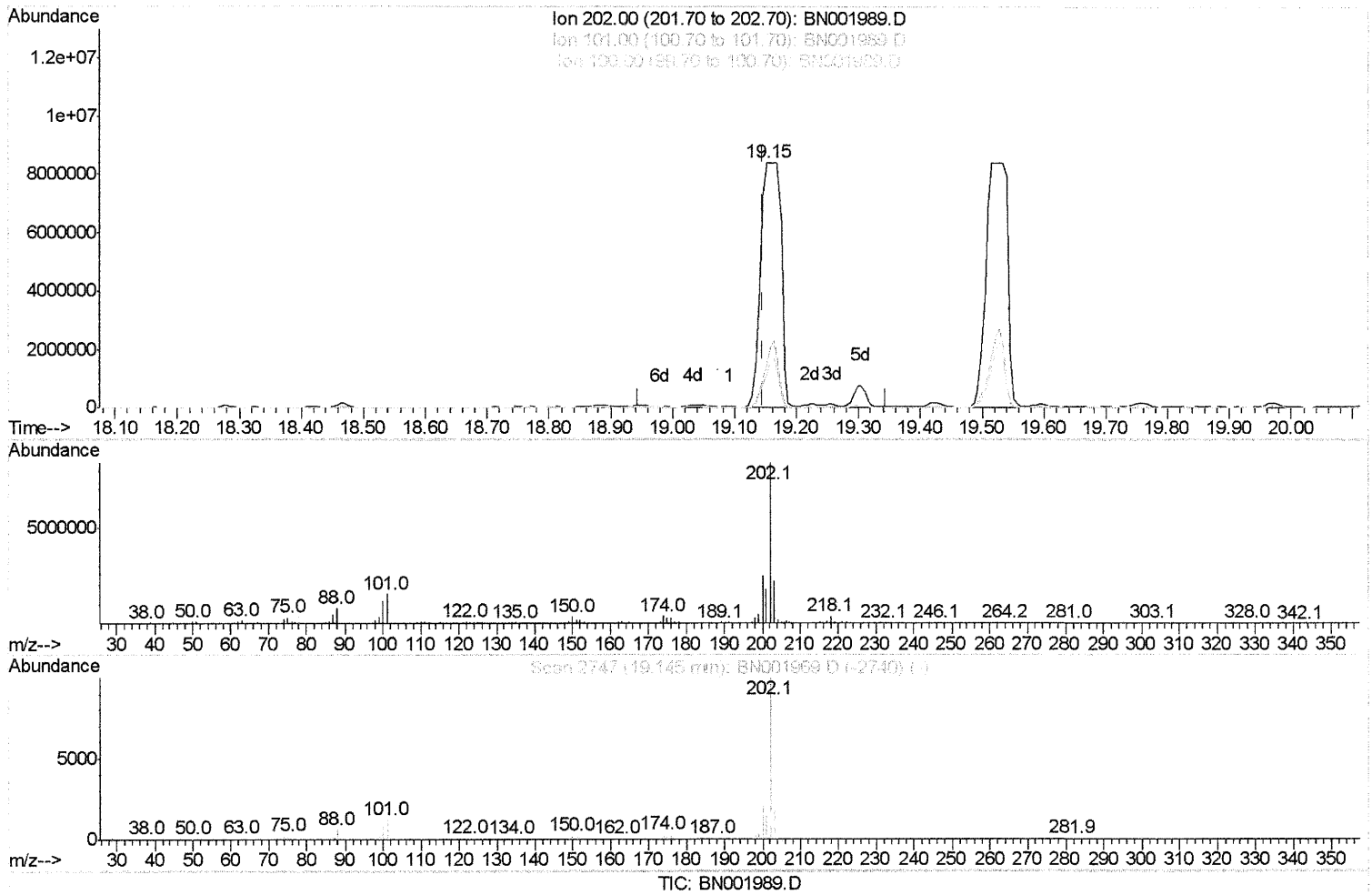
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(74) Fluoranthene (C)

19.151min (+0.006) 98.03ng/ul m

SJ 7/9/18

response 19231496

Ion	Exp%	Act%
202.00	100	100
101.00	7.60	18.36#
100.00	5.80	13.94#
0.00	0.00	0.00

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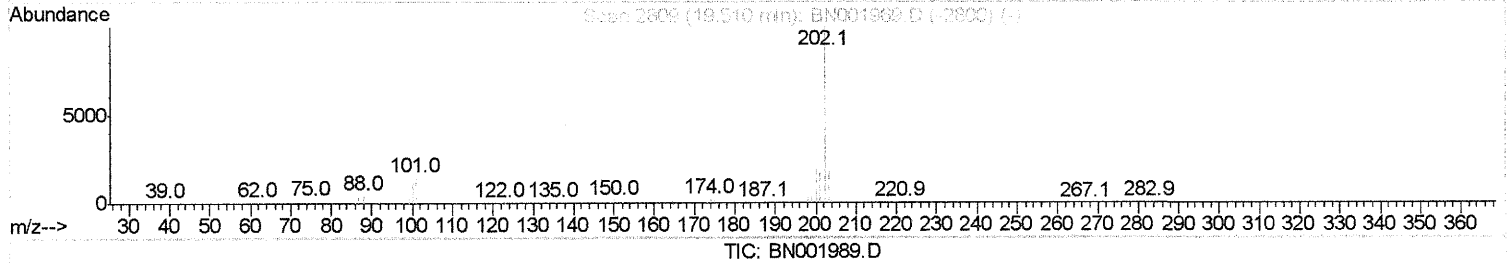
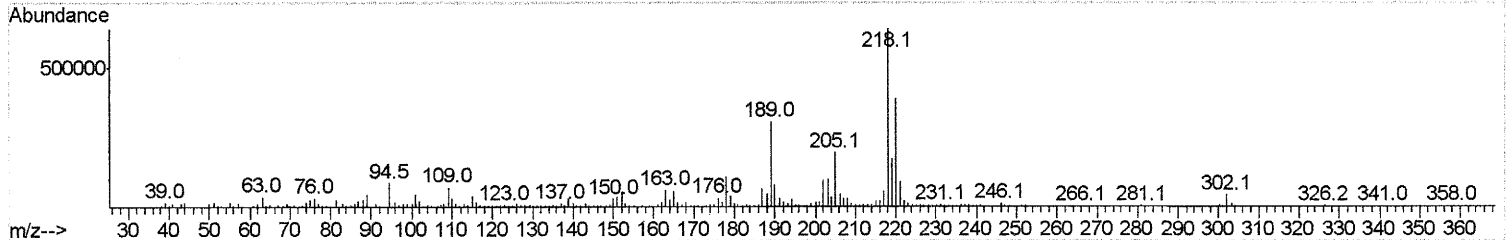
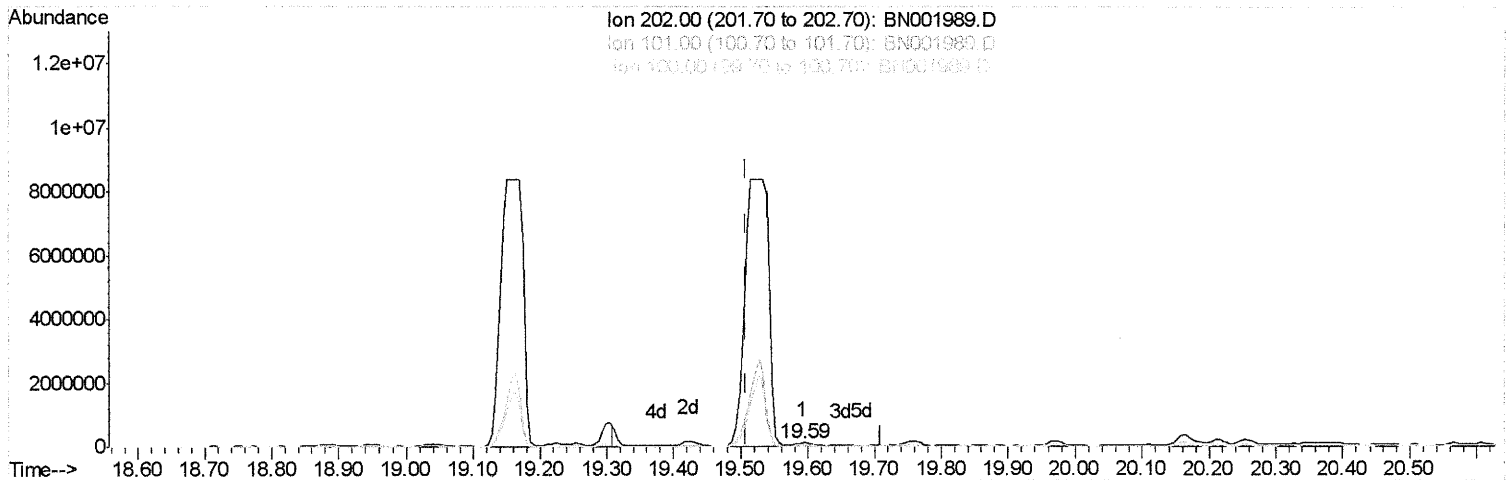
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(77) Pyrene

19.592min (+0.083) 1.15ng/ul

response 141398

Ion	Exp%	Act%
202.00	100	100
101.00	8.60	42.95#
100.00	7.00	13.28#
0.00	0.00	0.00

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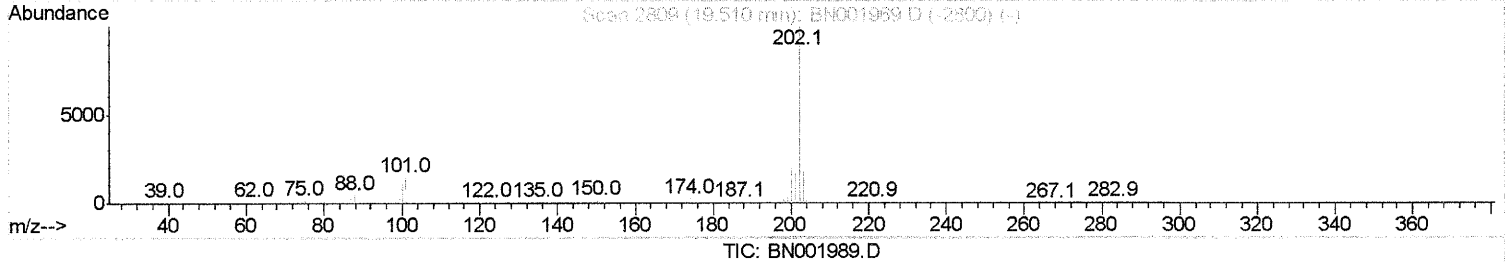
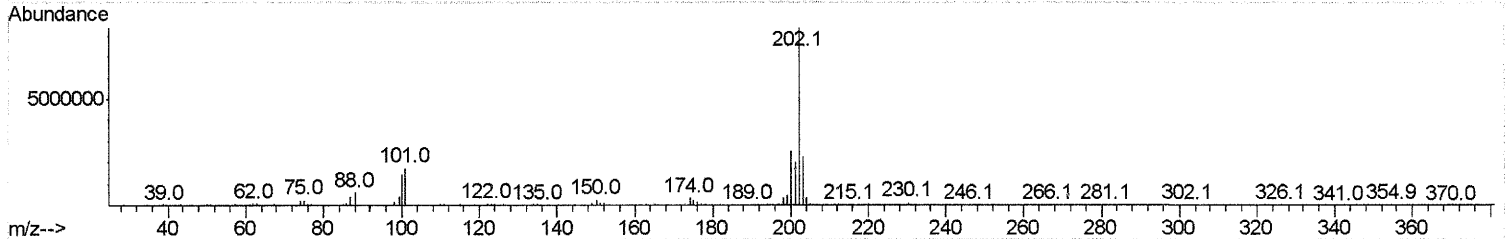
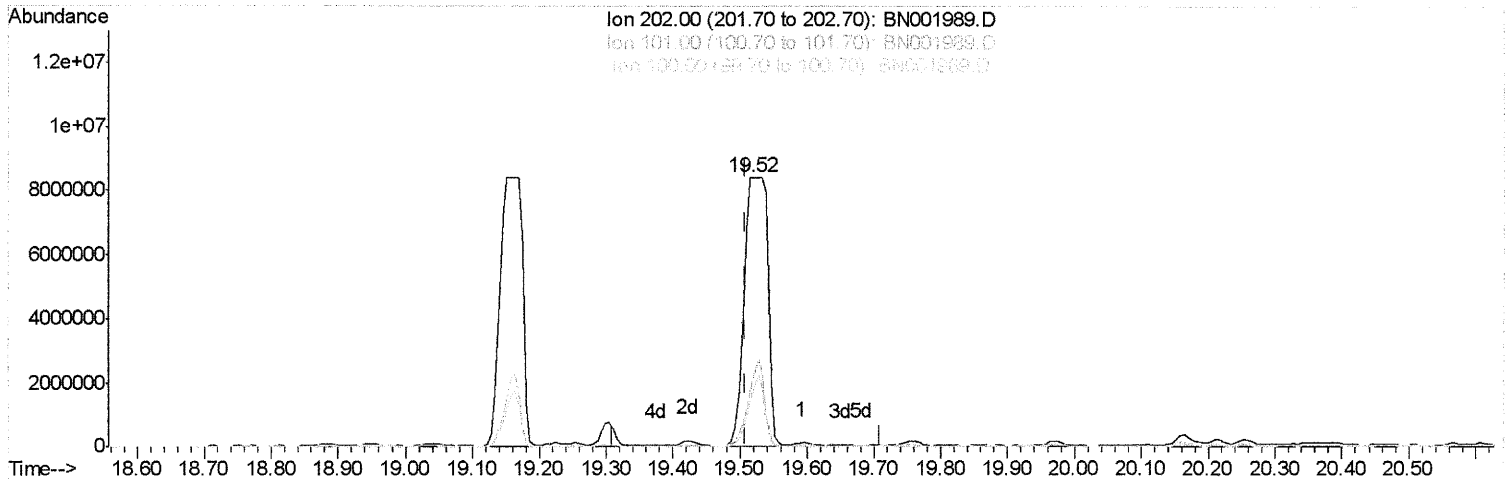
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(77) Pyrene

19.516min (+0.006) 163.26ng/ul m

SJ 7/9/18

response 20096387

Ion	Exp%	Act%
202.00	100	100
101.00	8.60	20.86#
100.00	7.00	17.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

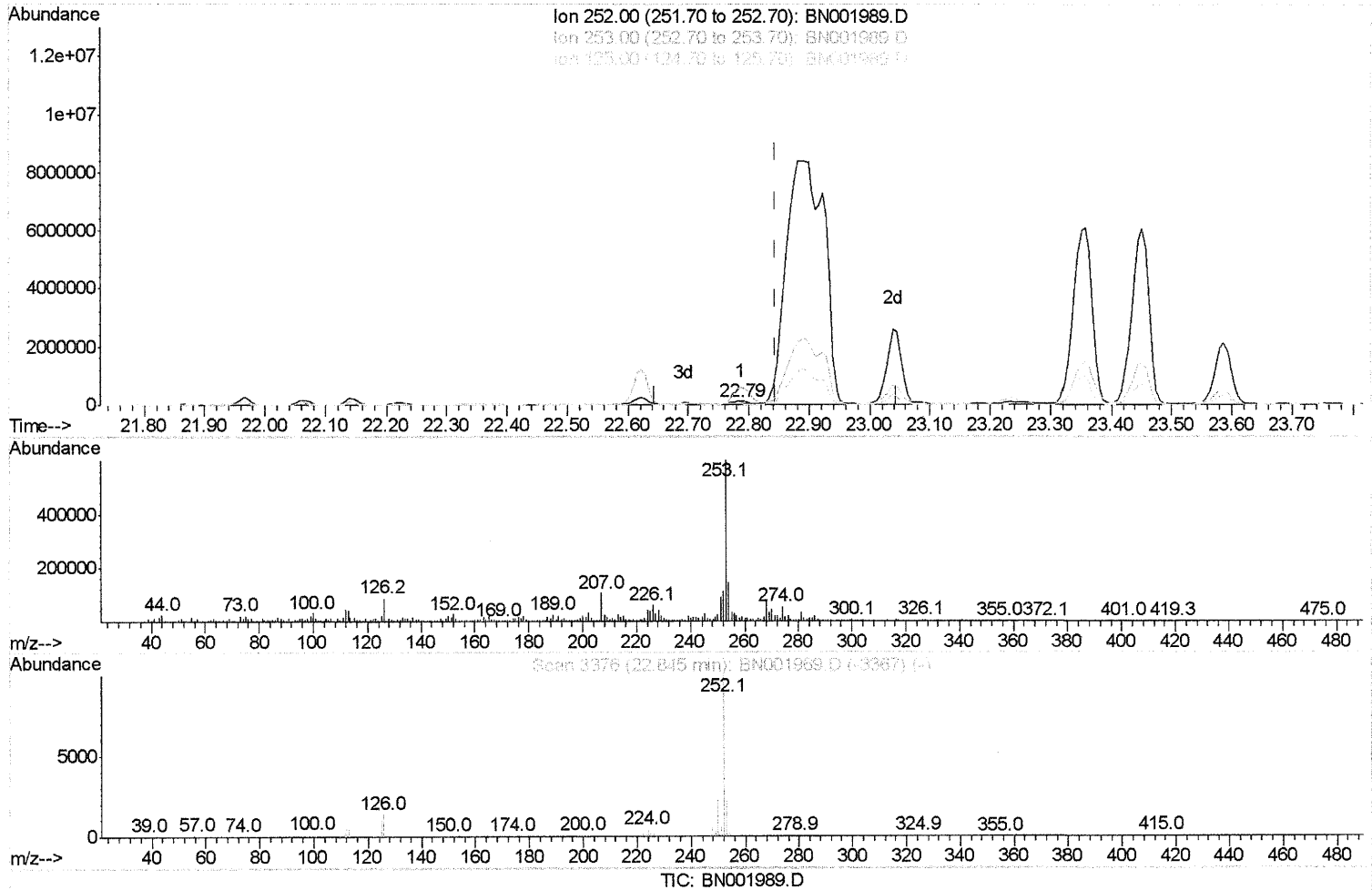
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(85) Benzo(b)fluoranthene

22.786min (-0.059) 1.04ng/ul

response 153639

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	543.24#
125.00	6.10	19.01#
0.00	0.00	0.00

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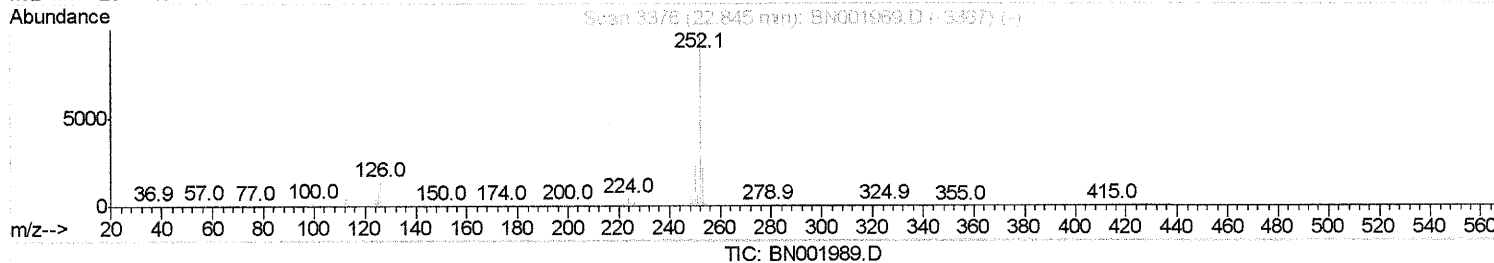
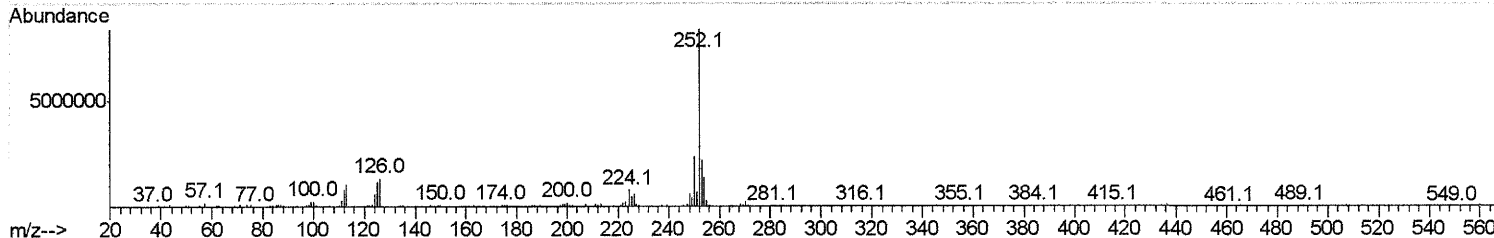
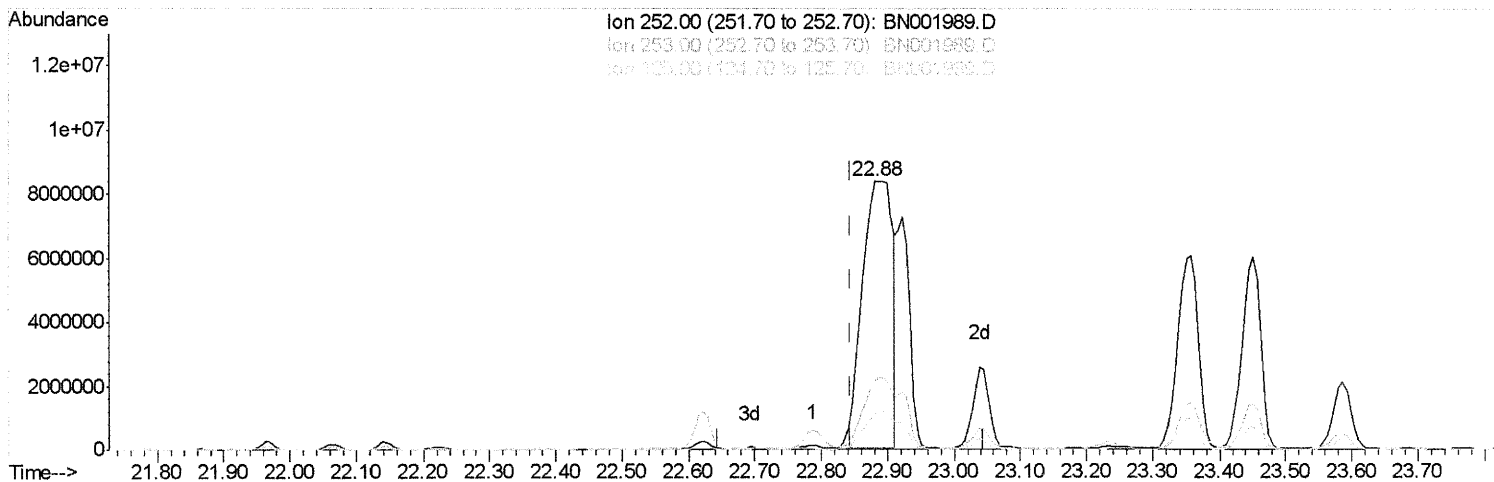
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(85) Benzo(b)fluoranthene

22.880min (+0.035) 182.36ng/ul m

SJ 7/9/18

response 26851827

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.74
125.00	6.10	13.58#
0.00	0.00	0.00

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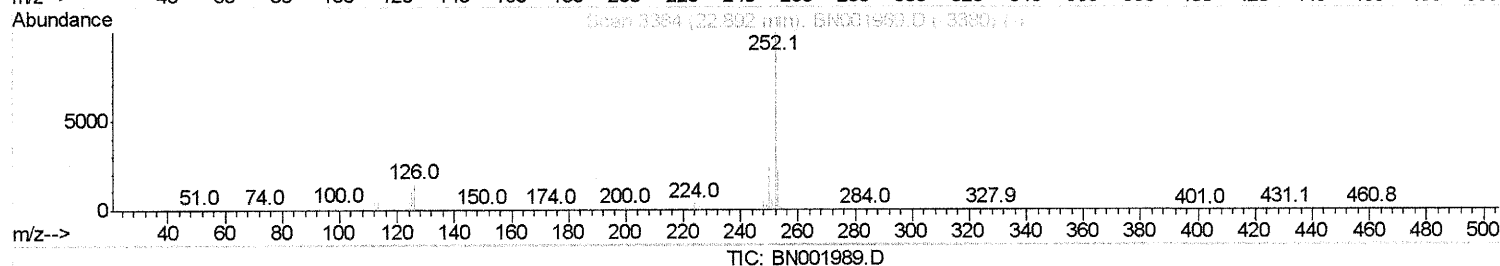
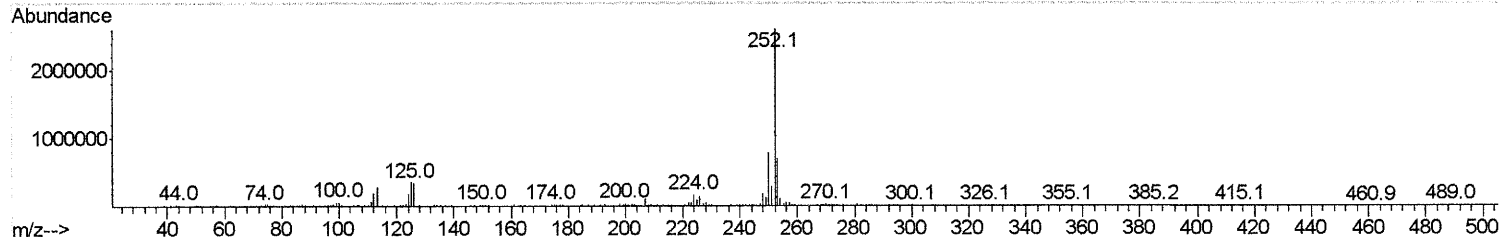
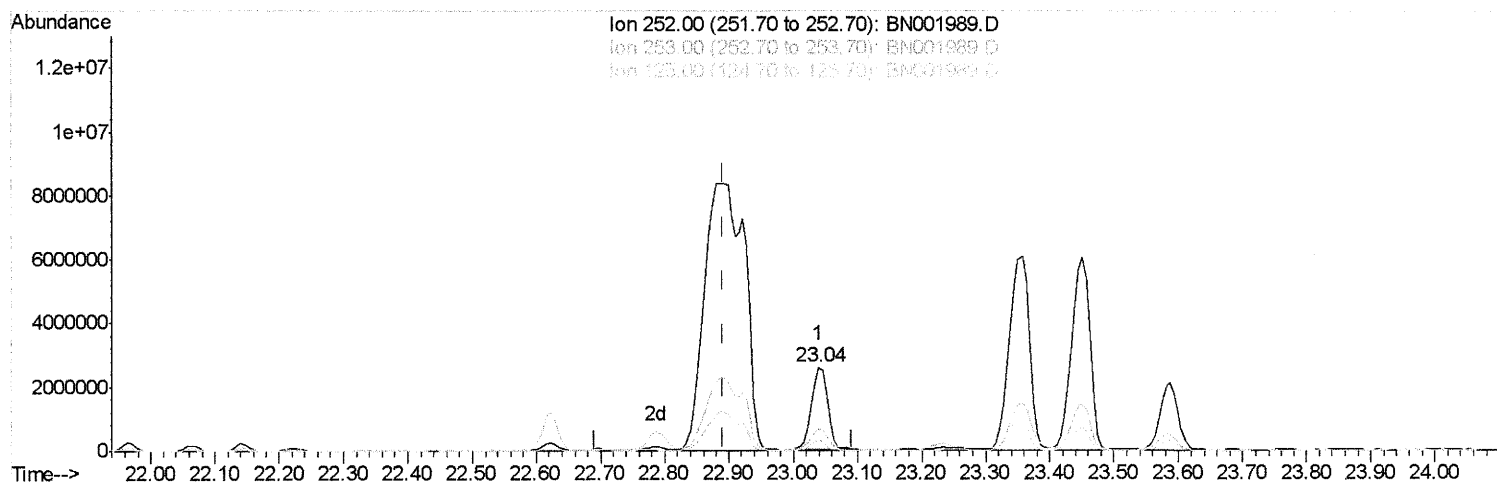
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(86) Benzo(k)fluoranthene

23.039min (+0.147) 30.70ng/ul

response 4383892

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	26.96#
125.00	6.70	13.57#
0.00	0.00	0.00

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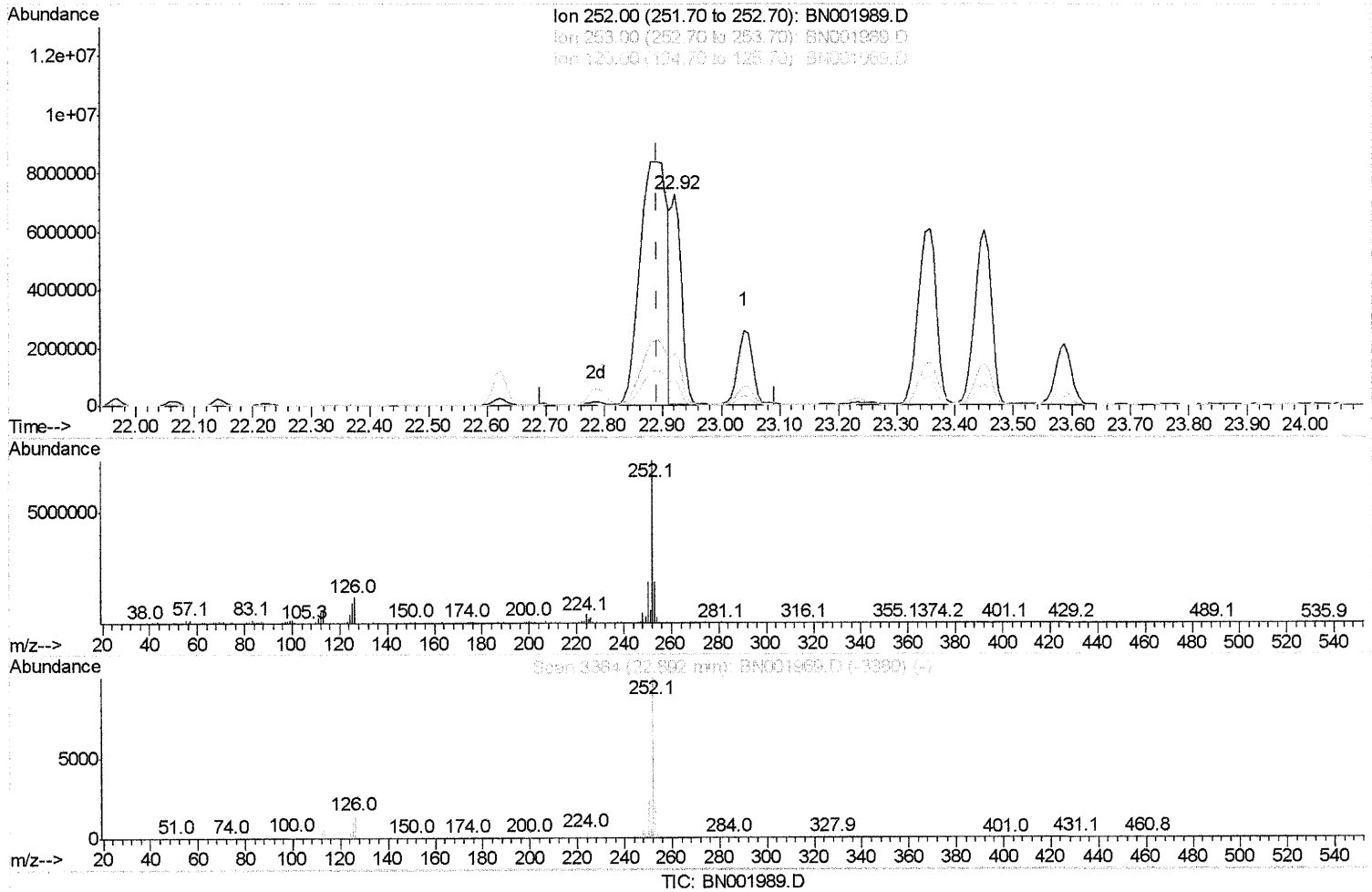
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(86) Benzo(k)fluoranthene

22.922min (+0.030) 66.29ng/ul m

SJ 7/9/18

response 9464935

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.20
125.00	6.70	12.02#
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	7.71	152	693176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3048601	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1688039	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3313200	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	1967051	20.00	ng/ul	0.02
83) Perylene-d12	23.54	264	2331361	20.00	ng/ul	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.27	96	16527	1.04	ng/uL	0.00
5) Phenol-d5	6.89	99	363024	5.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	242372	6.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	310944	6.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	284976	5.67	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	153698	6.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	166265	7.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	295635	5.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	69512	1.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	901509	6.32	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1159386	6.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	68568	2.61	ng/ul	0.00
57) Fluorene-d10	15.33	176	786336	6.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	85939	4.76	ng/ul	0.00
70) Anthracene-d10	17.19	188	1062941	6.64	ng/ul	0.00
76) Pyrene-d10	19.49	212	863190	8.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	787521	6.21	ng/ul	0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.53	128	1126443	6.963	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	387488	3.302	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	160012	1.141	ng/ul#	94
44) Dimethylphthalate	13.80	163	209850	1.498	ng/ul	99
47) Acenaphthylene	14.06	152	3433041	20.211	ng/ul	99
49) Acenaphthene	14.40	153	411513	3.492	ng/ul	99
53) Dibenzofuran	14.73	168	802725	4.749	ng/ul	96
58) Fluorene	15.39	166	676021	5.012	ng/ul	100
69) Phenanthrene	17.13	178	5780467	30.971	ng/ul	99
71) Anthracene	17.22	178	16426521m	86.948	ng/ul	
72) Carbazole	17.49	167	7138948	45.110	ng/ul	97
74) Fluoranthene	19.15	202	19231496m	98.027	ng/ul	
77) Pyrene	19.52	202	20096387m	163.257	ng/ul	
80) Benzo(a)anthracene	21.28	228	14948353	120.243	ng/ul#	79
82) Chrysene	21.33	228	18328500	158.454	ng/ul#	86
85) Benzo(b)fluoranthene	22.88	252	26851827m	182.358	ng/ul	
86) Benzo(k)fluoranthene	22.92	252	9464935m	66.287	ng/ul	
88) Benzo(a)pyrene	23.45	252	11890096	86.410	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.80	276	10541939	71.999	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.80	278	2972923	24.397	ng/ul#	86
91) Benzo(a,h,i)perylene	26.49	276	6997505	57.936	ng/ul#	91

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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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