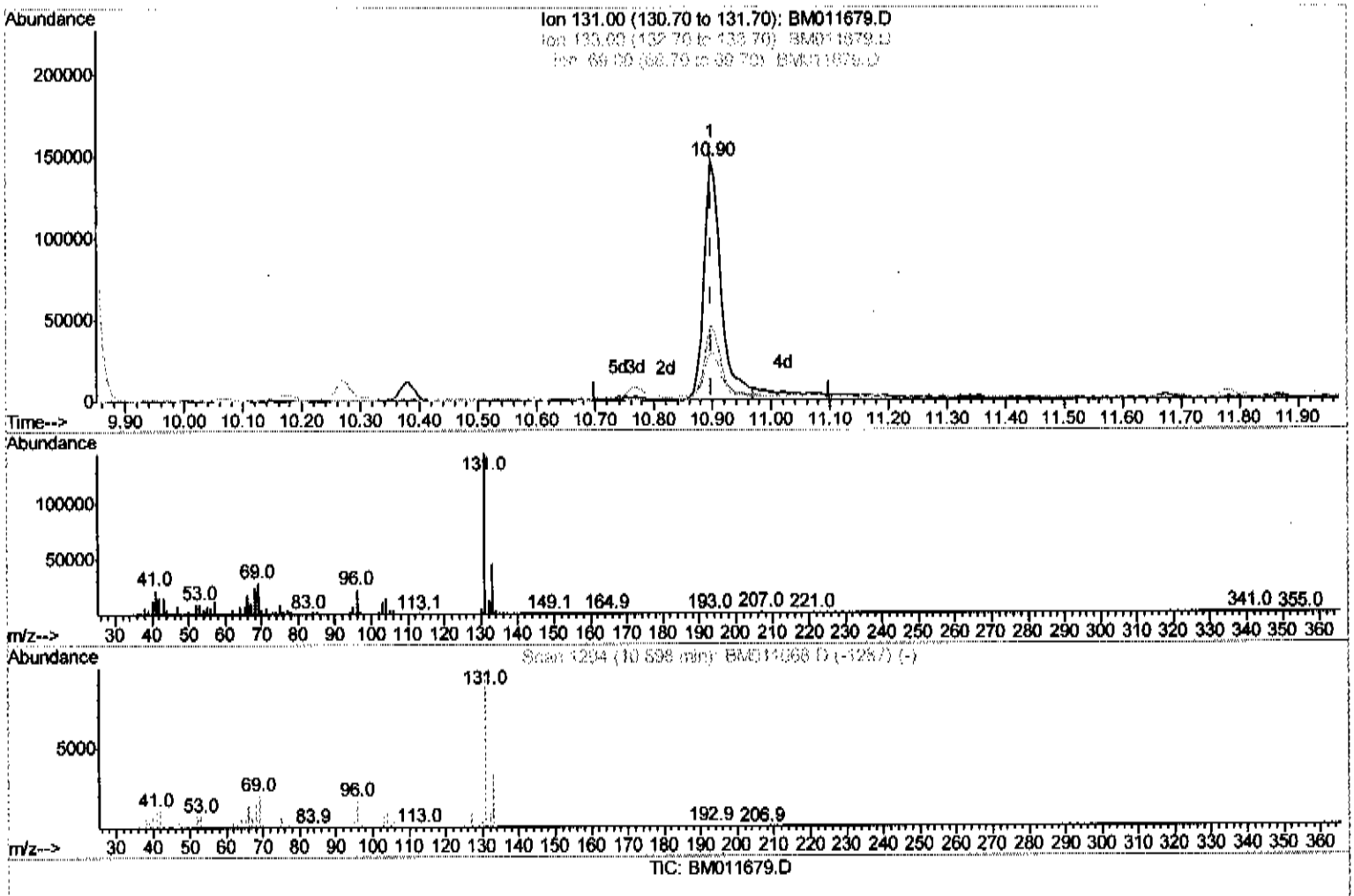
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011679.D
Acq On : 22 Sep 2017 06:32
Operator : SJ/JU
Sample : I5284-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 22 08:46:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 08:34:40 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3C7

Manual Integrations APPROVED
Sohil
9/22/2017 4:06:42 PM



TIC: BM011679.D

(29) 4-Chloroaniline-d4 (S)

10.898min (+0.000) 8.85ng/ul

response 297867

Ion	Exp%	Act%
131.00	100	100
133.00	33.90	30.98
69.00	18.60	19.78
0.00	0.00	0.00

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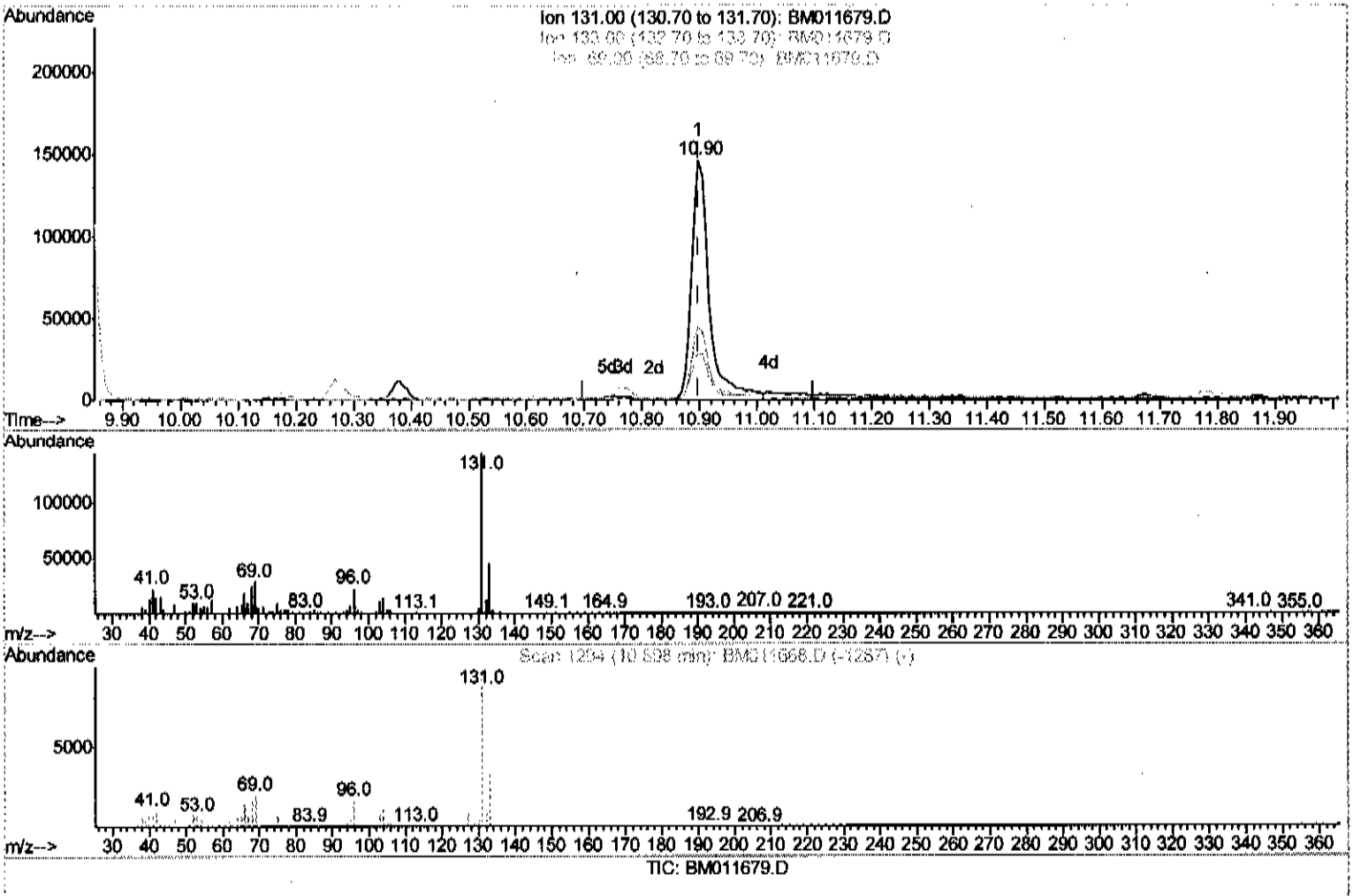

TIC: BM011679.D

(29) 4-Chloroaniline-d4 (S)

10.898min (+0.000) 9.23ng/ul m JU 9/28/17

response 310878

Ion	Exp%	Act%
131.00	100	100
133.00	33.90	30.98
69.00	18.60	19.78
0.00	0.00	0.00

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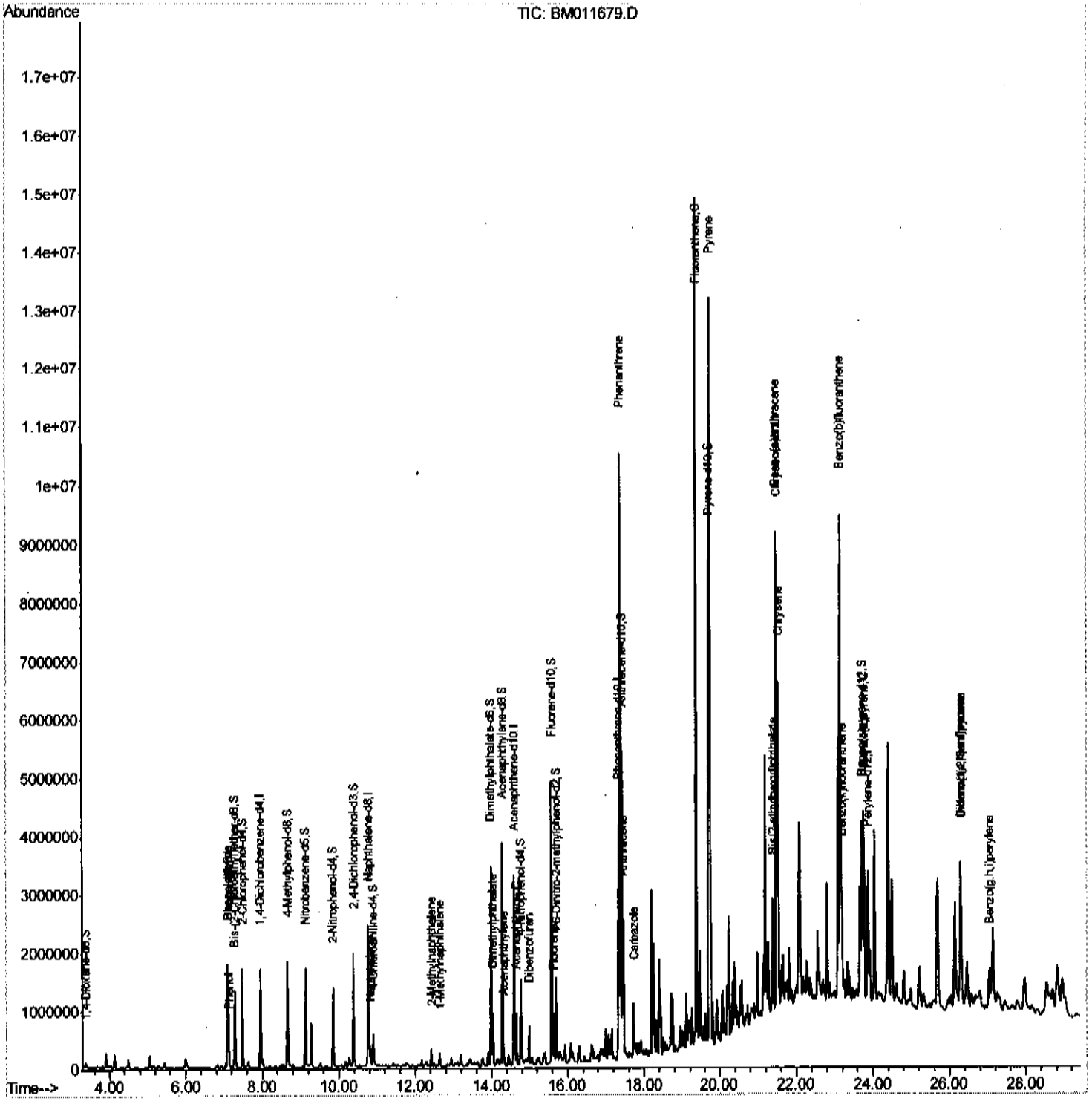

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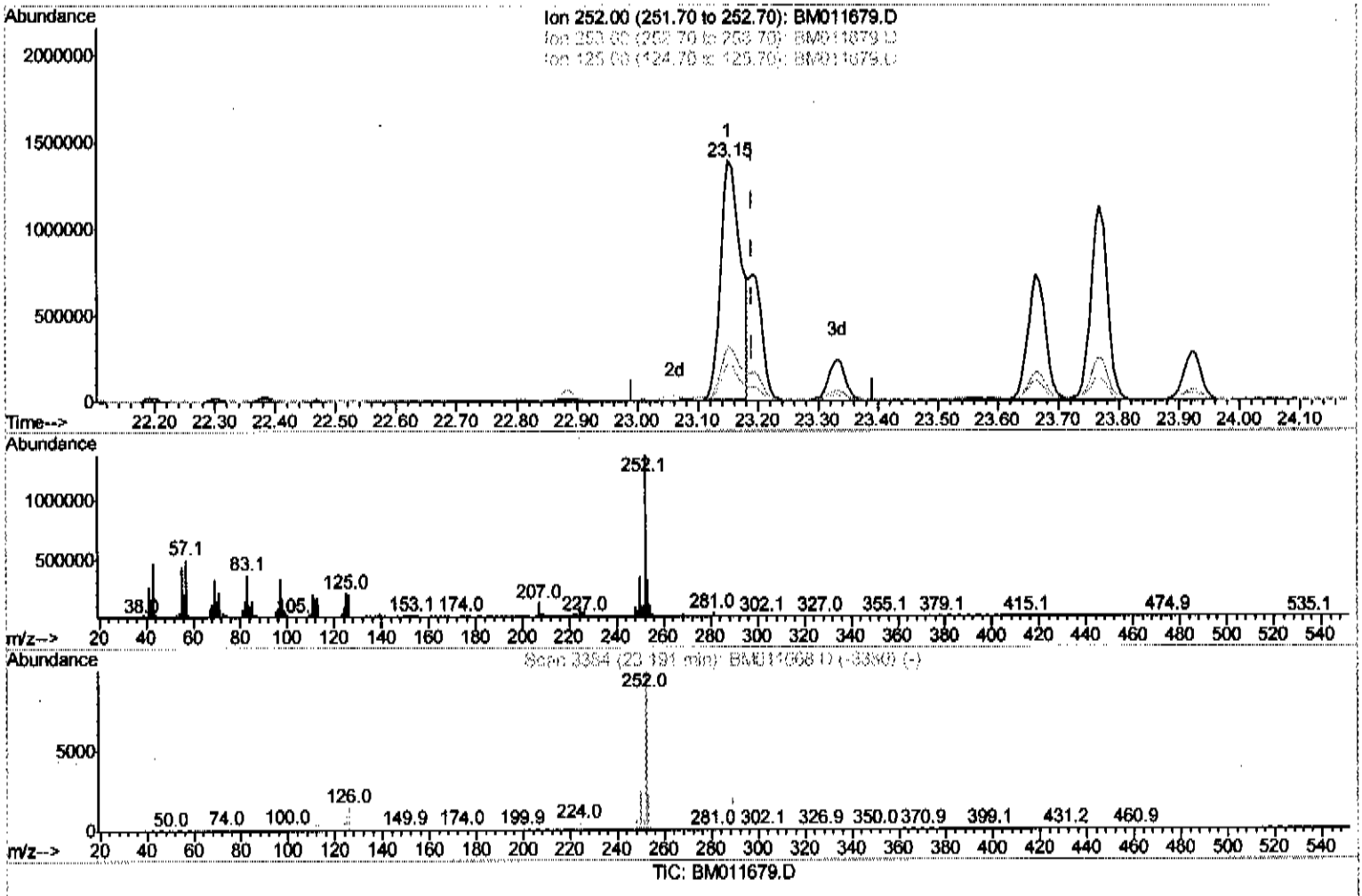

(89) Benzo(k)fluoranthene

23.150min (-0.041) 33.14ng/ul

response 3157251

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.60
125.00	6.70	15.03#
0.00	0.00	0.00

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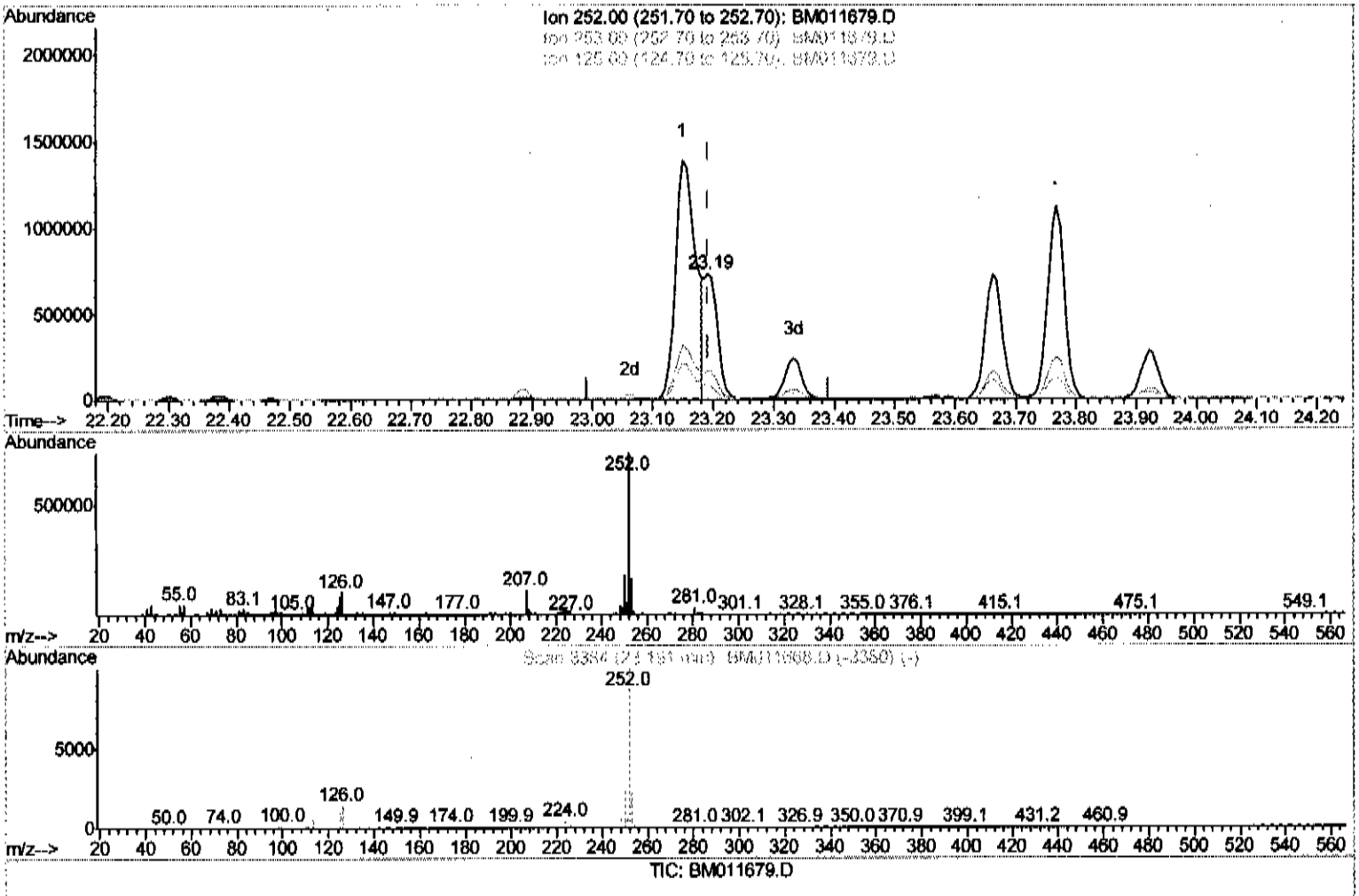

(89) Benzo(k)fluoranthene

23.192min (+0.000) 12.26ng/ul m JU 9/22/17

response 1167565

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.67
125.00	6.70	11.50#
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	7.96	152	421684	20.00 ng/ul	0.00
18) Naphthalene-d8	10.76	136	1920750	20.00 ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1061388	20.00 ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2288267	20.00 ng/ul	0.00
78) Chrysene-d12	21.50	240	2081762	20.00 ng/ul	0.00
86) Perylene-d12	23.87	264	1648894	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.39	96	32379	3.45 ng/uL	0.00
5) Phenol-d5	7.11	99	874924	21.61 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	641845	23.52 ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	695592	22.80 ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	639550	20.23 ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	343728	23.57 ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	376091	24.82 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	674457	22.11 ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	310878m	9.23 ng/ul	>0.00
44) Dimethylphthalate-d6	13.99	166	2117901	23.60 ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2586272	23.83 ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	335038	19.87 ng/ul	0.00
58) Fluorene-d10	15.58	176	1811405	23.31 ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	251958	18.92 ng/ul	0.00
71) Anthracene-d10	17.43	188	2766344	24.55 ng/ul	0.00
79) Pyrene-d10	19.72	212	3201901	32.85 ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2032739	25.87 ng/ul	0.00
Target Compounds					Qvalue
4) Benzaldehyde	7.10	77	24242	1.048 ng/ul	89
6) Phenol	7.14	94	53854	1.340 ng/ul#	85
28) Naphthalene	10.82	128	271329	2.724 ng/ul	99
34) 2-Methylnaphthalene	12.42	142	143105	1.935 ng/ul	96
35) 1-Methylnaphthalene	12.64	142	102067	1.449 ng/ul	100
45) Dimethylphthalate	14.04	163	513346	5.975 ng/ul#	98
48) Acenaphthylene	14.32	152	126220	1.156 ng/ul	96
50) Acenaphthene	14.66	153	359547	4.872 ng/ul	99
54) Dibenzofuran	14.99	168	320833	3.108 ng/ul	100
59) Fluorene	15.64	166	346049	4.000 ng/ul	99
70) Phenanthrene	17.38	178	5983296	46.911 ng/ul	98
72) Anthracene	17.47	178	1412620	10.793 ng/ul	98
75) Carbazole	17.73	167	521665	4.672 ng/ul	96
77) Fluoranthene	19.39	202	8383970	63.908 ng/ul#	92
80) Pyrene	19.75	202	7319892	60.266 ng/ul#	90
83) Benzo(a)anthracene	21.49	228	3312510	28.899 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.39	149	501248	5.843 ng/ul#	95
85) Chrysene	21.54	228	3043703	29.291 ng/ul	99
88) Benzo(b)fluoranthene	23.15	252	3157251	31.828 ng/ul#	93
89) Benzo(k)fluoranthene	23.19	252	1167565m	12.256 ng/ul	>
91) Benzo(a)pyrene	23.77	252	2142231	22.880 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.30	276	1366262	13.265 ng/ul#	92
93) Dibenzo(a,h)anthracene	26.30	278	372834	4.269 ng/ul#	87

JU 9/23/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	27.05	276	1013534	12.151	ng/ul#	91

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