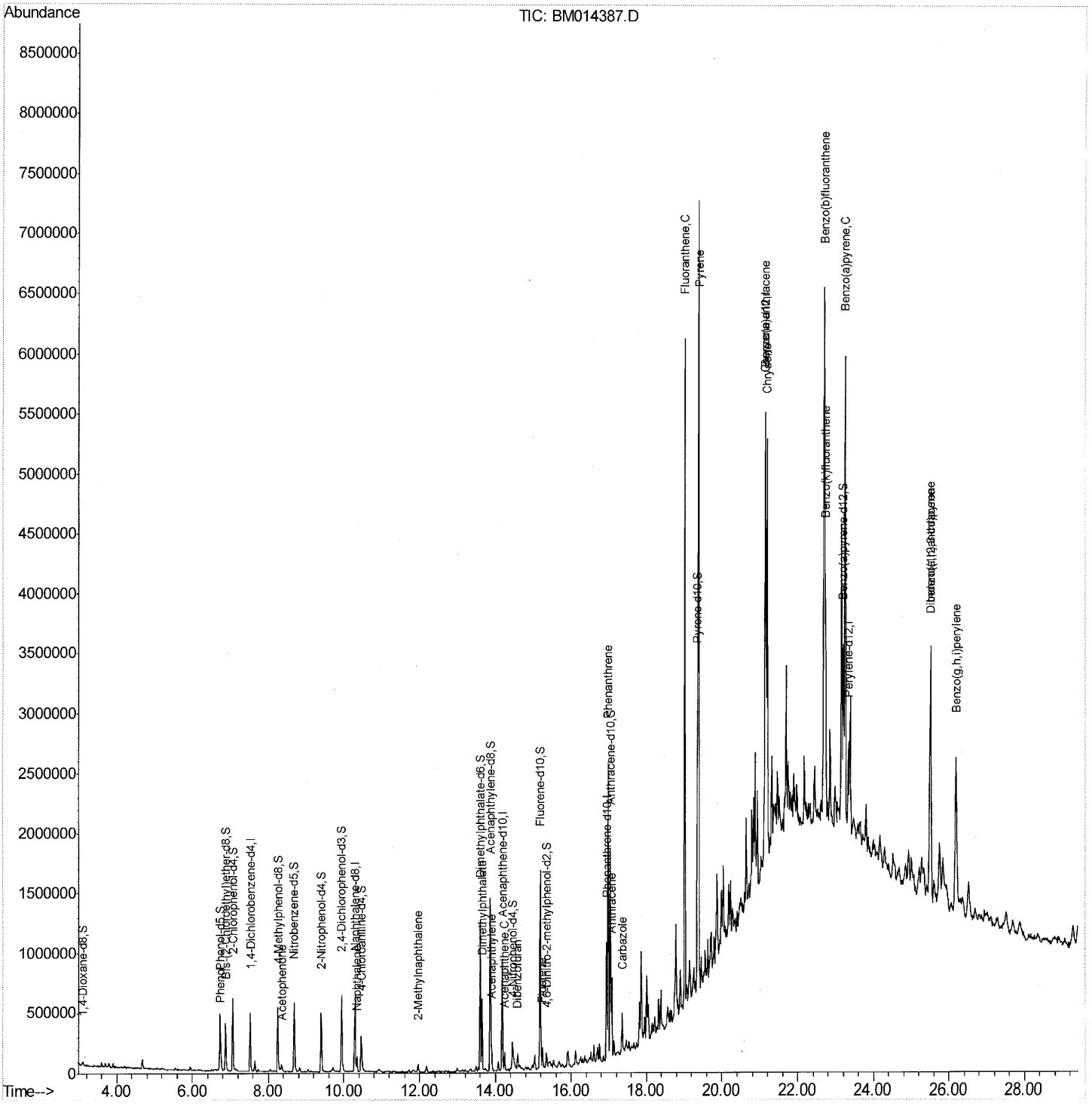
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014387.D
Acq On : 27 Feb 2018 17:49
Operator : SJ/JU
Sample : J1631-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 28 01:21:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z0

Manual Integrations APPROVED
Sohil
2/28/2018 1:59:16 PM



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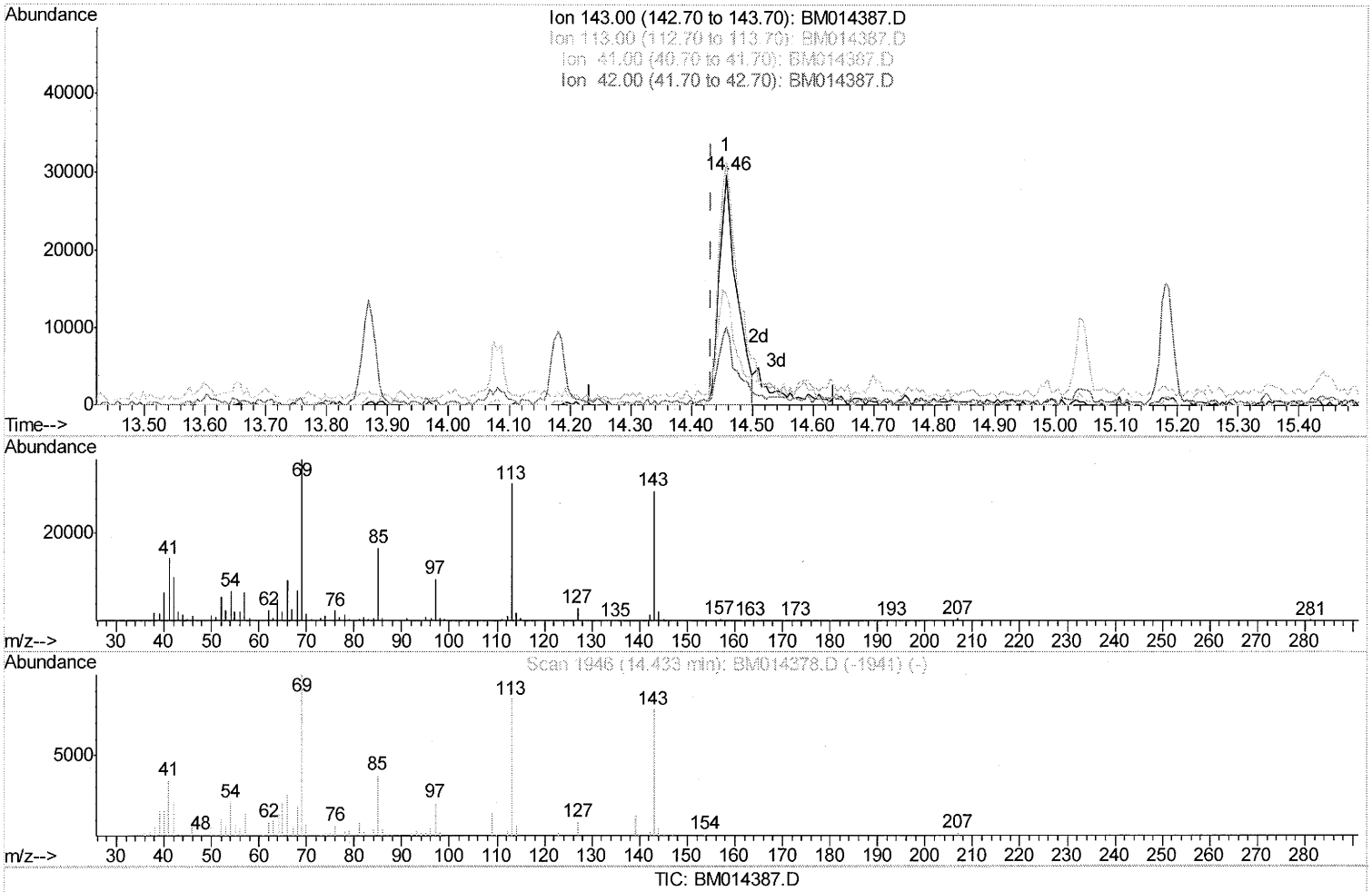

TIC: BM014387.D

(51) 4-Nitrophenol-d4 (S)

14.457min (+0.023) 20.11ng/ul

response 59484

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	105.60
41.00	34.80	48.01#
42.00	20.50	33.92#

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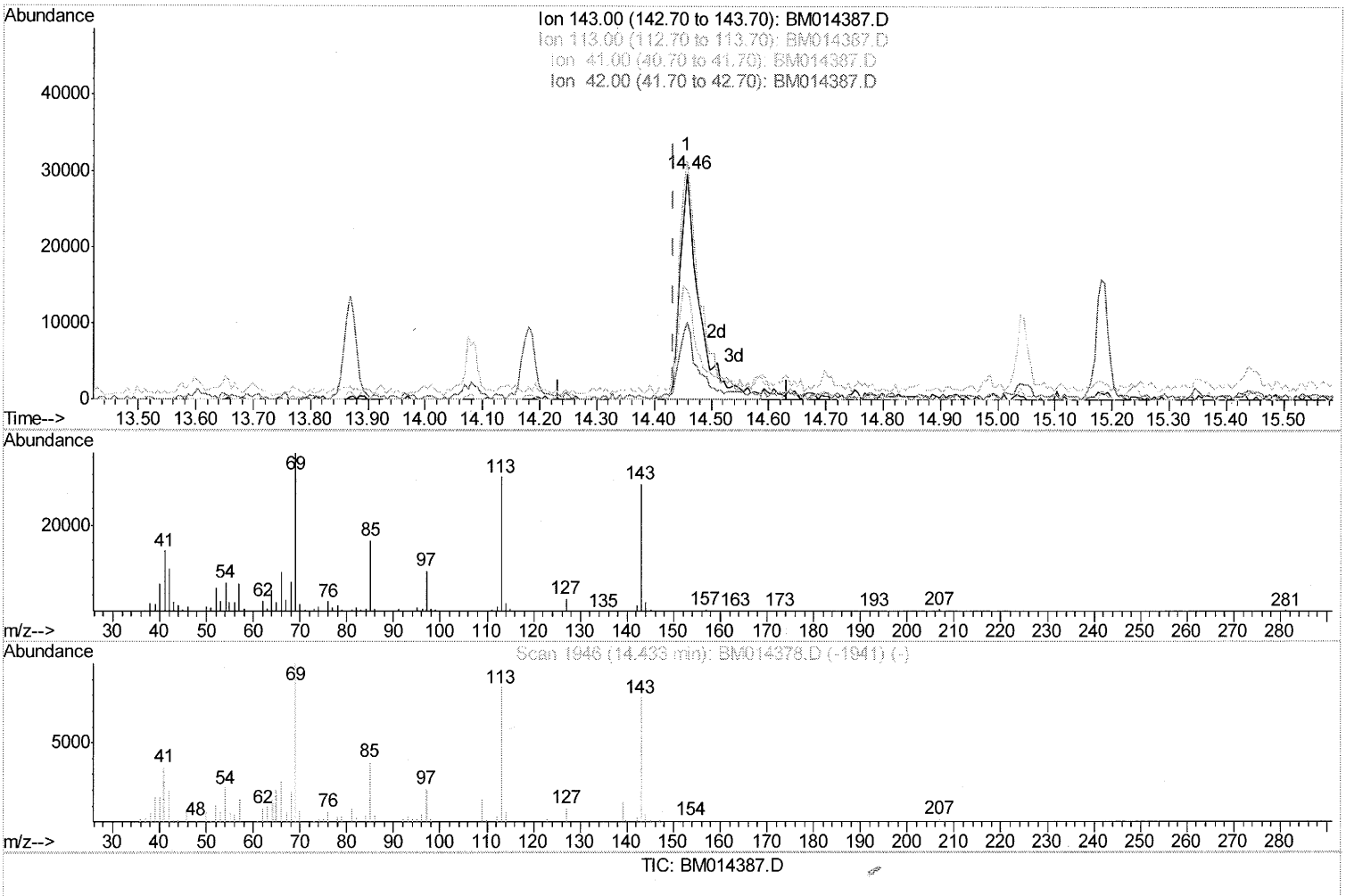

TIC: BM014387.D

(51) 4-Nitrophenol-d4 (S)

14.457min (+0.023) 23.49ng/ul m JU 02/28/18

response 69462

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	105.60
41.00	34.80	48.01#
42.00	20.50	33.92#

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Misc :
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Quant Time: Feb 28 01:18:55 2018
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ClientSampleId :
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Sohil
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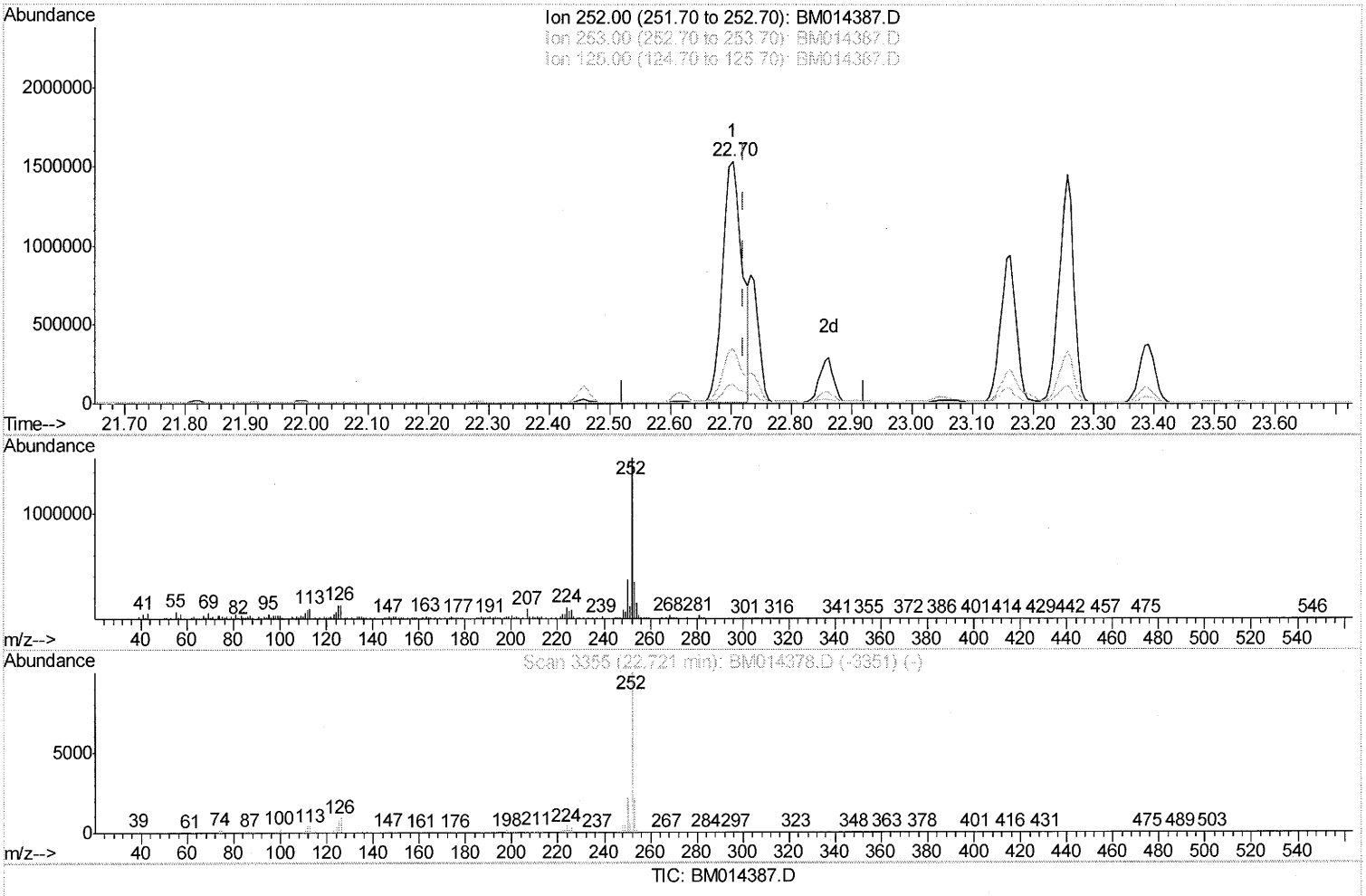

TIC: BM014387.D

(86) Benzo(k)fluoranthene

22.703min (-0.018) 104.32ng/ul

response 3412642

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.69
125.00	4.30	8.10#
0.00	0.00	0.00

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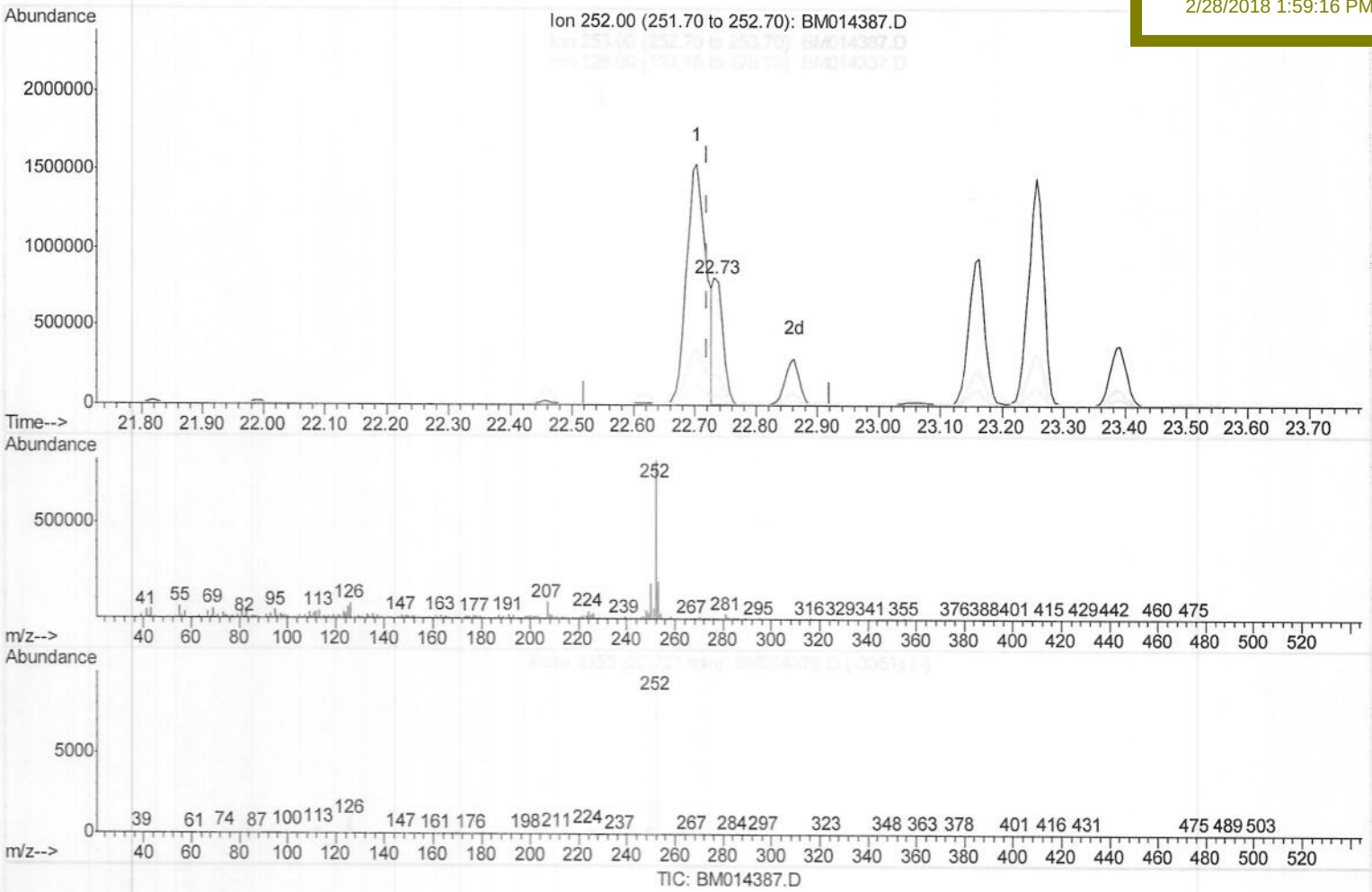

(86) Benzo(k)fluoranthene

22.733min (+0.012) 26.91ng/ul m SJ 02/28/18

response 880231

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.23
125.00	4.30	7.26#
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	7.52	152	110991	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	465608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	259367	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	533208	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	524211	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	513872	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	15043	5.80	ng/uL	0.00
5) Phenol-d5	6.73	99	256475	27.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	163818	28.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	221577	30.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	184740	22.51	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	112061	32.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	124153	34.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	215456	29.21	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	167495	23.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	699392	32.65	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	885897	33.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	69462m	23.49	ng/ul	>0.02 JU 02/28/18
57) Fluorene-d10	15.19	176	596259	31.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	19605	6.13	ng/ul	0.01
70) Anthracene-d10	17.04	188	873701	33.96	ng/ul	0.00
76) Pyrene-d10	19.35	212	874262	32.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	808644	32.33	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	33554	3.409	ng/ul	95
14) Acetophenone	8.35	105	24459	1.727	ng/ul	85
28) Naphthalene	10.34	128	93688	3.918	ng/ul	98
34) 2-Methylnaphthalene	11.97	142	28530	1.567	ng/ul	96
44) Dimethylphthalate	13.65	163	323203	15.302	ng/ul	97
47) Acenaphthylene	13.90	152	126768	5.078	ng/ul	99
49) Acenaphthene	14.24	153	50388	2.866	ng/ul	93
53) Dibenzofuran	14.59	168	51834	1.967	ng/ul#	84
58) Fluorene	15.24	166	64513	2.835	ng/ul#	94
69) Phenanthrene	16.99	178	1316848	42.864	ng/ul	100
71) Anthracene	17.07	178	368997	11.943	ng/ul	98
72) Carbazole	17.36	167	186788	7.190	ng/ul	97
74) Fluoranthene	19.02	202	2987952	81.407	ng/ul#	91
77) Pyrene	19.39	202	3426993	98.370	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	1715757	52.444	ng/ul	96
82) Chrysene	21.20	228	1785394	58.499	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	3412642	99.182	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	880231m	26.907	ng/ul	> JU 02/28/18
88) Benzo(a)pyrene	23.26	252	2482549	80.741	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.53	276	1757618	58.909	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.51	278	455711	18.382	ng/ul#	83
91) Benzo(g,h,i)perylene	26.19	276	1313542	54.346	ng/ul#	94

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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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