Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012302.D
Acq On : 19 Oct 2017 05:01
Operator : SJ/JU
Sample : I5693-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 19 15:20:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-32(1-2)-100417

Manual Integrations APPROVED
Sohil
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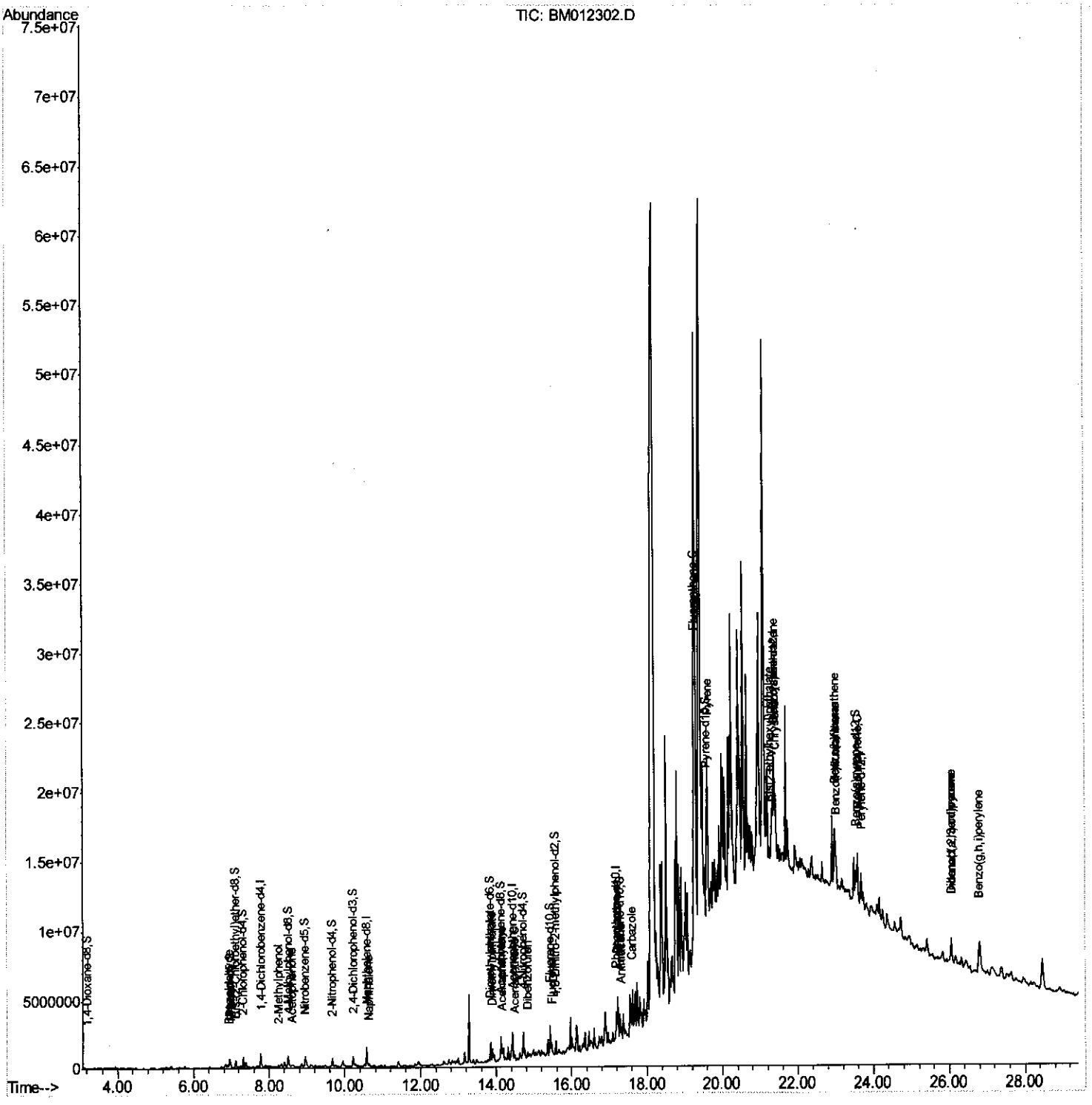

Quantitation Report (Qedit)

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Quant Time: Oct 19 15:18:09 2017
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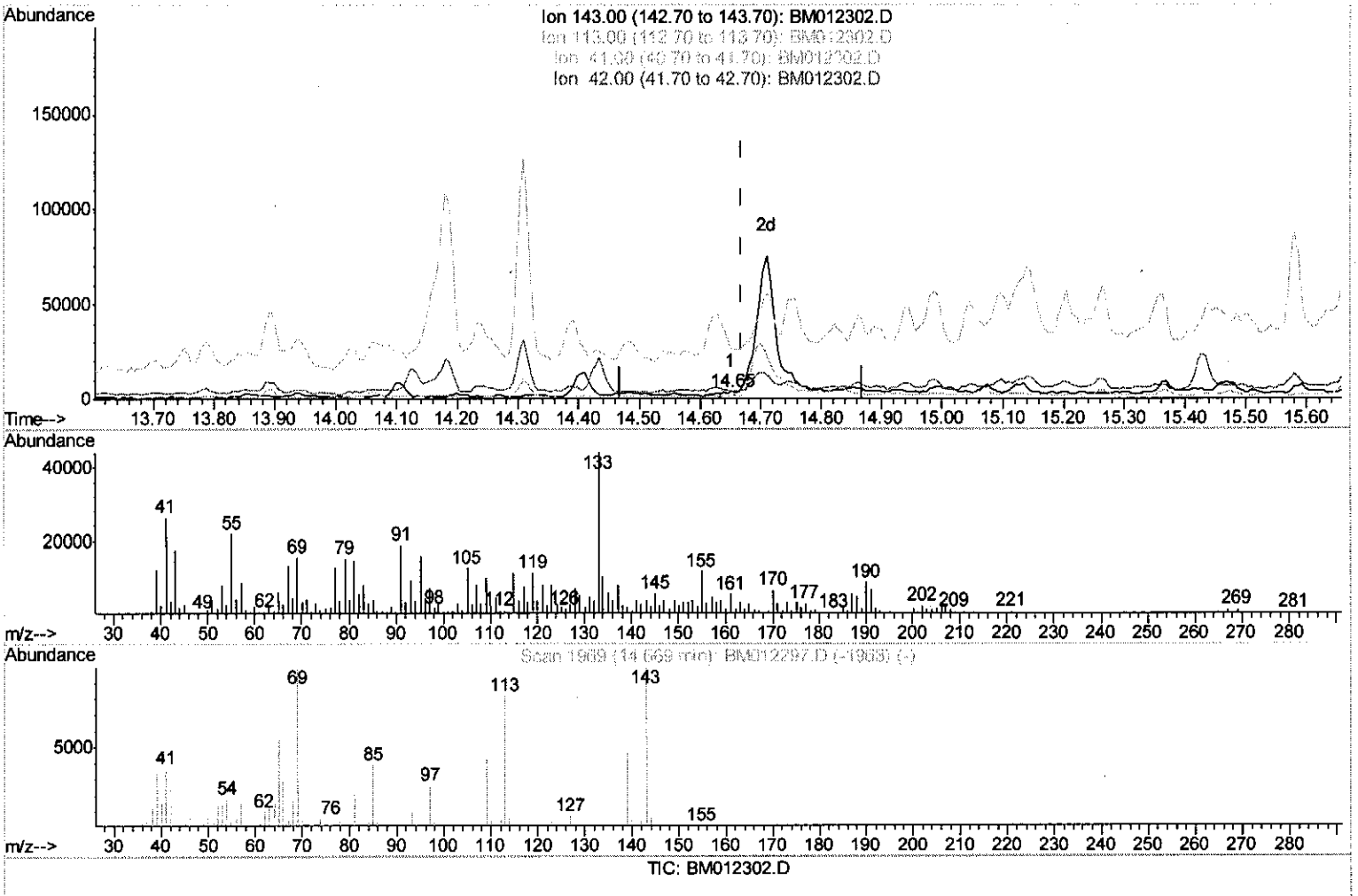

TIC: BM012302.D

(51) 4-Nitrophenol-d4 (S)

14.651min (-0.018) 0.54ng/ul

response 4609

Ion	Exp%	Act%
143.00	100	100
113.00	81.80	24.59#
41.00	40.00	688.62#
42.00	25.70	98.16#

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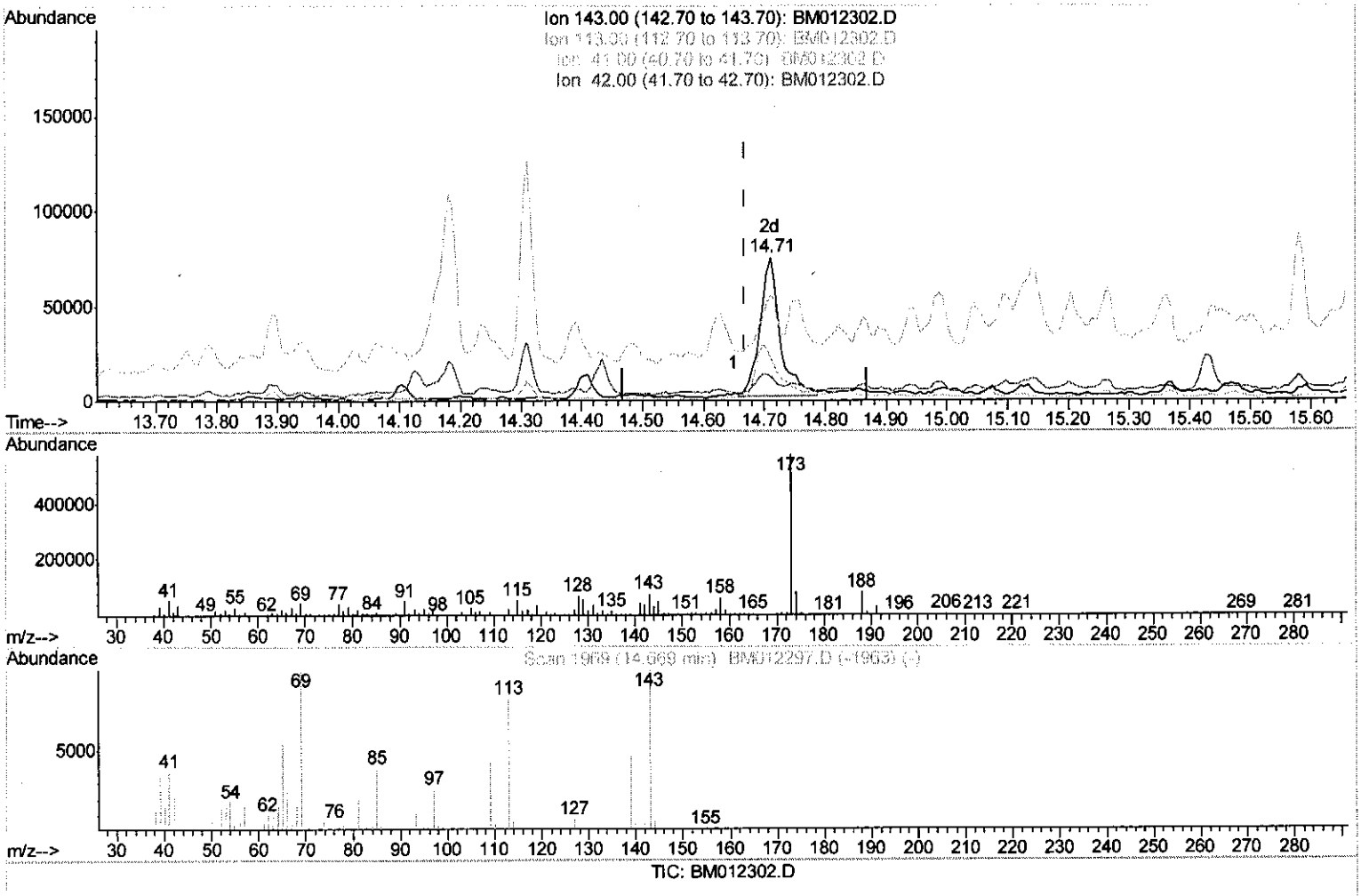

(51) 4-Nitrophenol-d4 (S)

14.710min (+0.041) 19.45ng/ul m JU 10/24/17

response 167557

Ion	Exp%	Act%
143.00	100	100
113.00	81.80	29.53#
41.00	40.00	73.40#
42.00	25.70	16.71#

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Sohil
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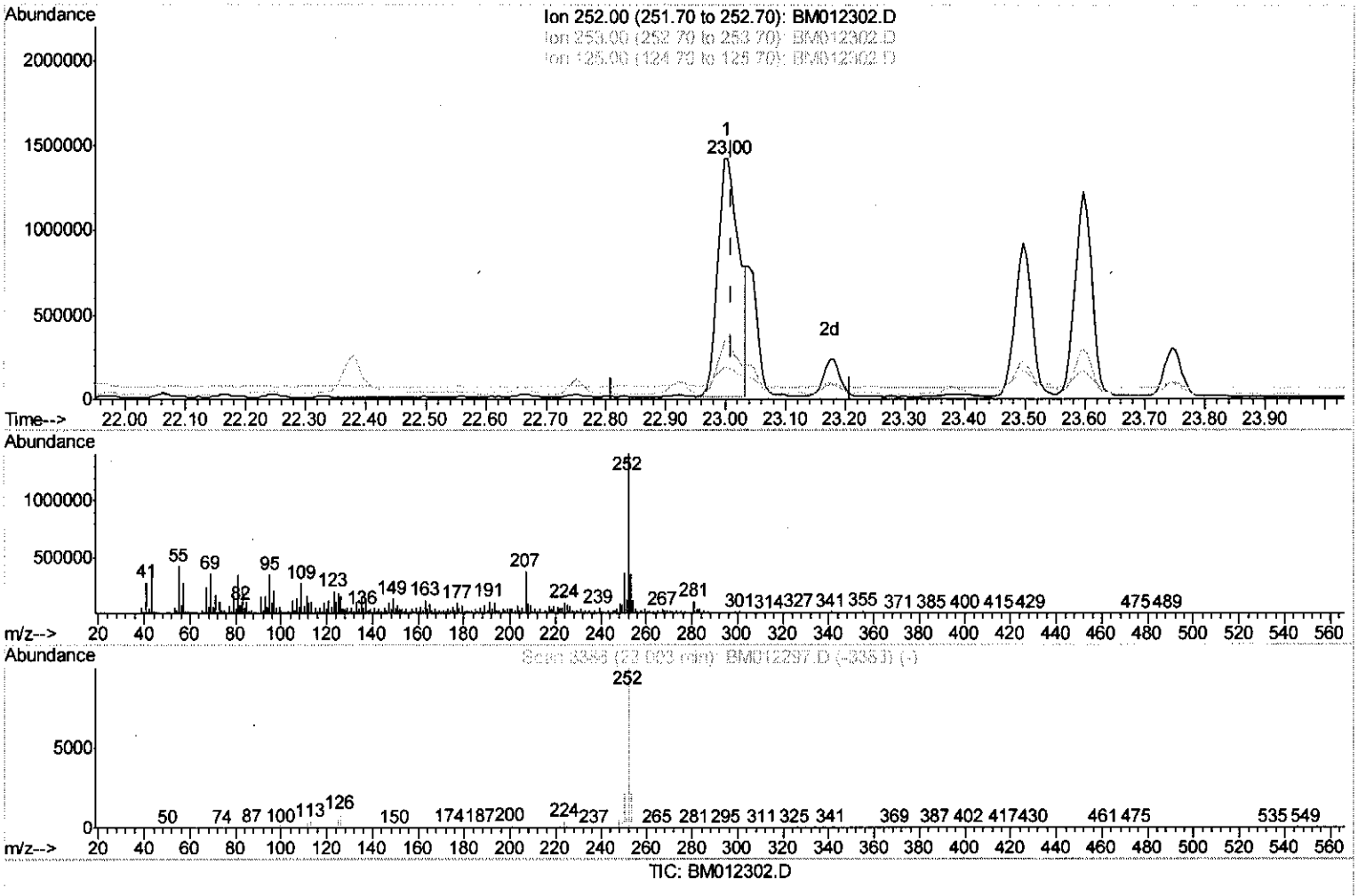

TIC: BM012302.D

(86) Benzo(k)fluoranthene

23.003min (-0.006) 36.07ng/ul

response 3528452

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.70
125.00	6.10	13.32#
0.00	0.00	0.00

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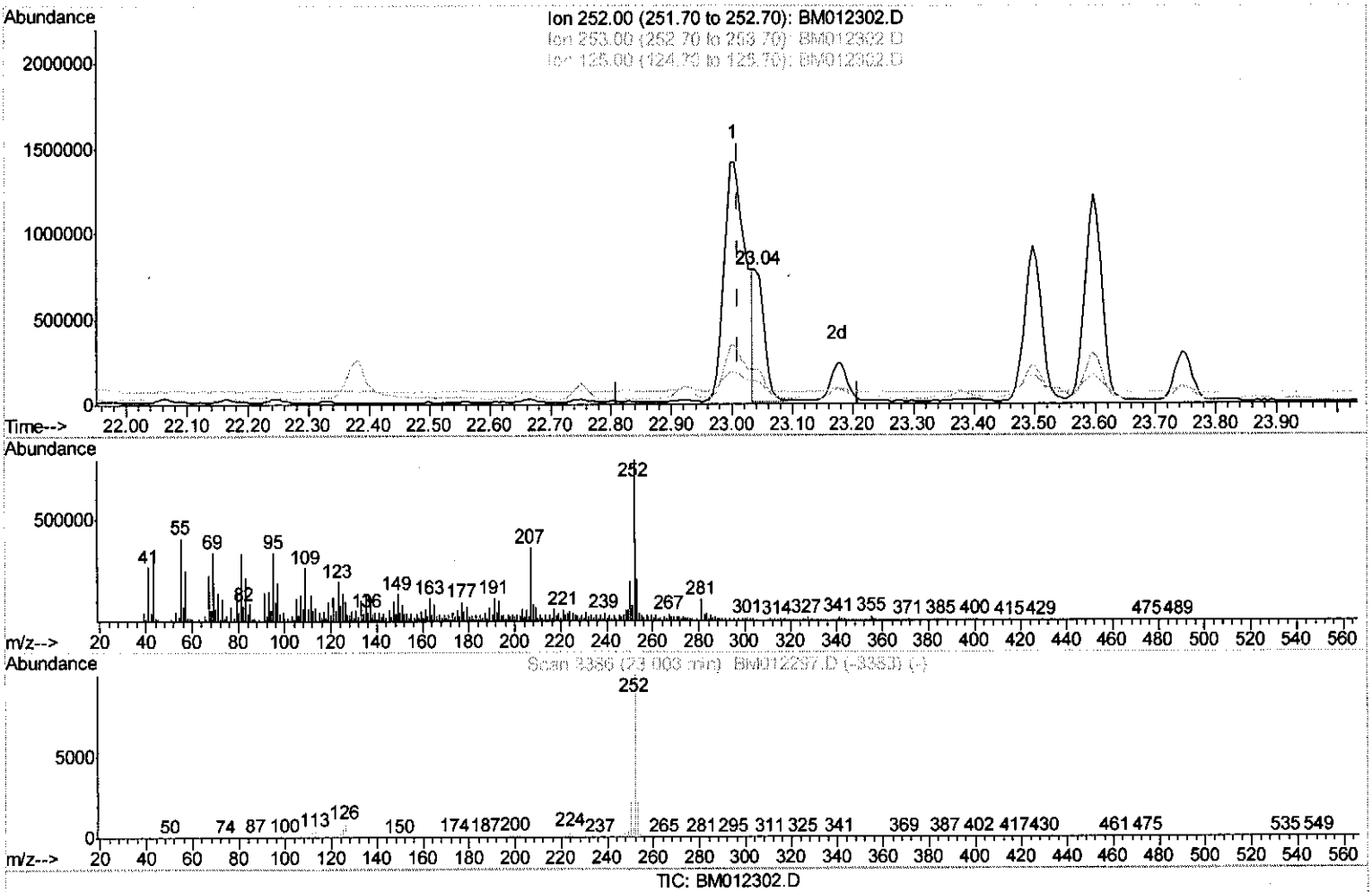

TIC: BM012302.D

(86) Benzo(k)fluoranthene

23.039min (+0.029) 9.46ng/ul m JU 10/24/17

response 925826

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	26.39
125.00	6.10	17.51#
0.00	0.00	0.00

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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	292893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1193881	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	648318	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1244695	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1558324	20.00	ng/ul	0.02
83) Perylene-d12	23.70	264	1555538	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	16591	2.69	ng/uL	0.00
5) Phenol-d5	6.96	99	367335	15.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	230776	16.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	330402	16.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	308692	15.09	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	156116	17.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	180272	16.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	326121	16.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	1302	0.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	1004523	17.53	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1204614	17.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	167557m	19.45	ng/ul	0.04
57) Fluorene-d10	15.43	176	796157	16.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	46604	5.46	ng/ul	0.01
70) Anthracene-d10	17.29	188	1071090	17.40	ng/ul	0.00
76) Pyrene-d10	19.59	212	1290863	16.32	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.55	264	1269938	16.93	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	6.93	77	20725	1.305	ng/ul#	76
6) Phenol	6.99	94	101179	4.119	ng/ul	92
11) 2-Methylphenol	8.24	108	38110	2.063	ng/ul	100
14) Acetophenone	8.61	105	37218	1.197	ng/ul#	84
28) Naphthalene	10.63	128	157400	2.548	ng/ul	97
44) Dimethylphthalate	13.89	163	403139	7.022	ng/ul	99
47) Acenaphthylene	14.16	152	138563	2.034	ng/ul	94
49) Acenaphthene	14.50	153	70769	1.543	ng/ul	98
53) Dibenzofuran	14.83	168	82702	1.252	ng/ul	91
58) Fluorene	15.49	166	76956	1.403	ng/ul#	91
69) Phenanthrene	17.23	178	1721121	24.307	ng/ul	98
71) Anthracene	17.32	178	321270	4.383	ng/ul	95
72) Carbazole	17.60	167	164091	2.645	ng/ul#	83
74) Fluoranthene	19.26	202	4147632	48.538	ng/ul#	92
77) Pyrene	19.62	202	4152458	40.349	ng/ul#	93
80) Benzo(a)anthracene	21.37	228	2082190	20.535	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.27	149	301522	4.386	ng/ul	91
82) Chrysene	21.42	228	2195543	23.063	ng/ul#	95
85) Benzo(b)fluoranthene	23.00	252	3528452	34.759	ng/ul#	91
86) Benzo(k)fluoranthene	23.04	252	925826m	9.464	ng/ul	
88) Benzo(a)pyrene	23.60	252	2376055	24.834	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.06	276	1700318	16.735	ng/ul	98
90) Dibenzo(a,h)anthracene	26.06	278	394370	4.617	ng/ul#	71

→ JU 10/24/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.80	276	1367720	16.436 ng/ul#	92

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

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