Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061017\
Data File : BM010518.D
Acq On : 11 Jun 2017 10:46
Operator : SJ/MA
Sample : I3522-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 12 09:53:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C33

Manual Integrations APPROVED
mohammad
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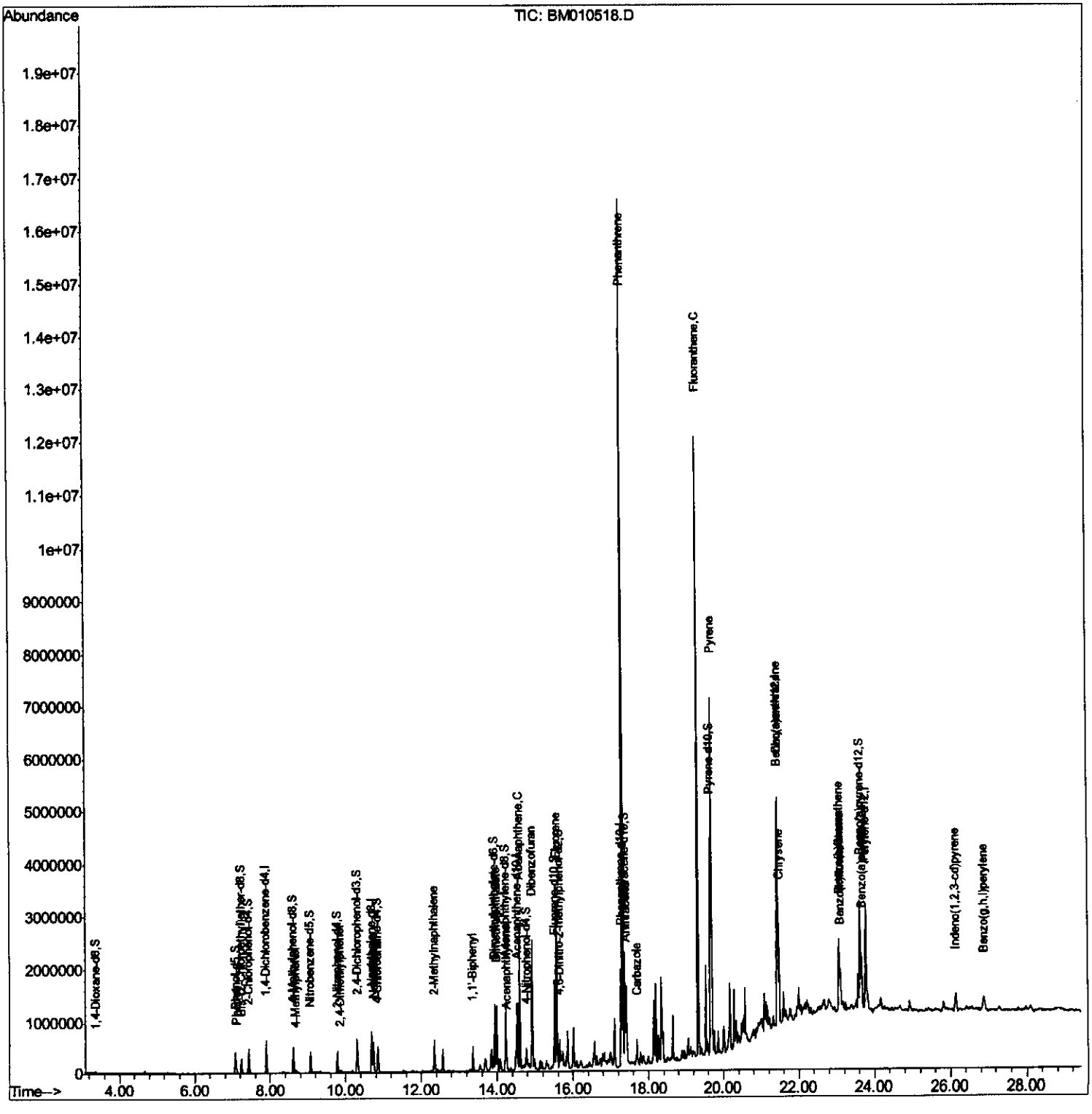

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
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Acq On : 11 Jun 2017 10:46
Operator : SJ/MA
Sample : I3522-12
Misc :
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Quant Time: Jun 12 09:08:59 2017
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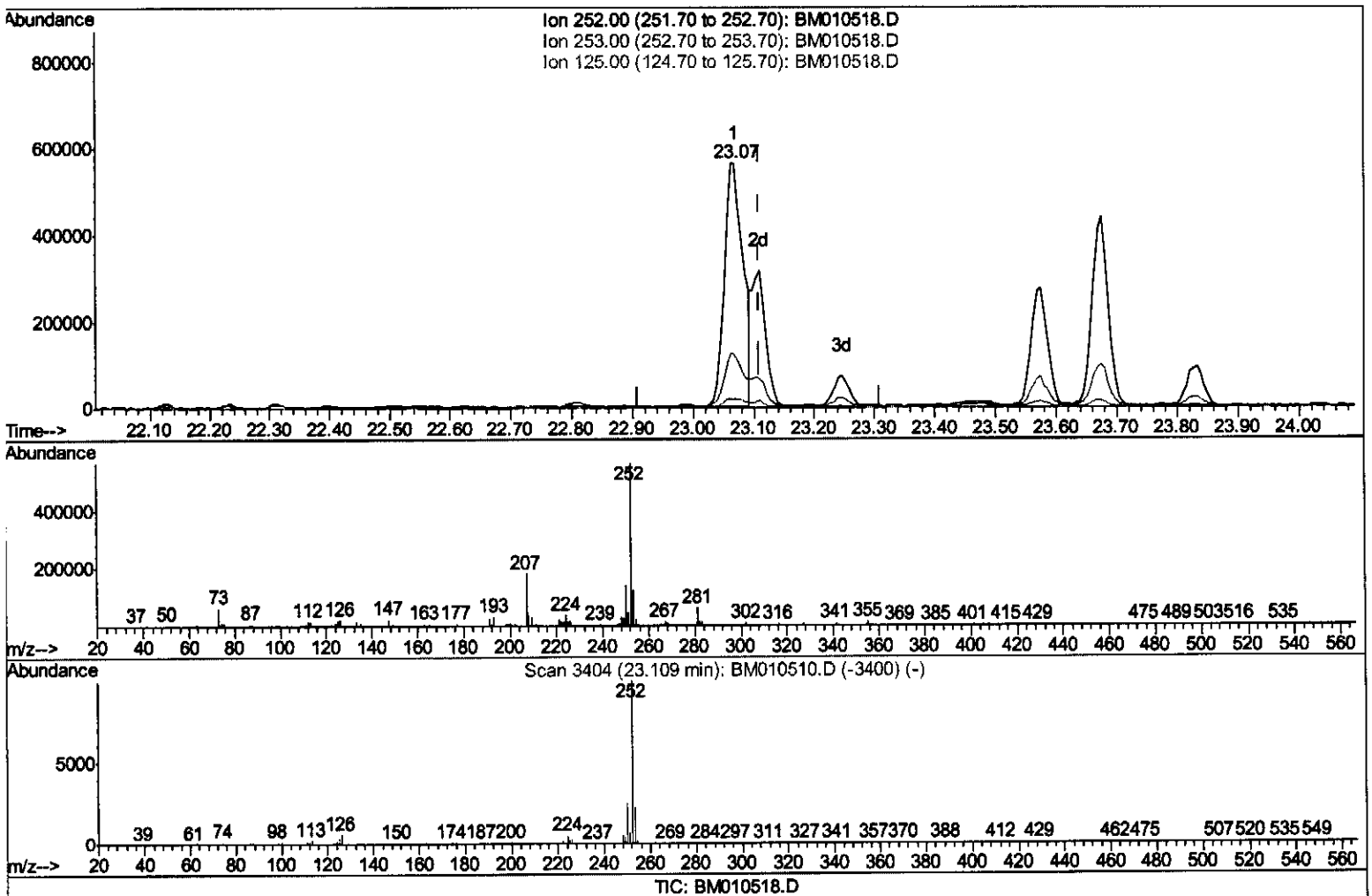

TIC: BM010518.D

(86) Benzo(k)fluoranthene

23.068min (-0.041) 15.09ng/ul

response 1217473

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.89
125.00	4.30	3.73
0.00	0.00	0.00

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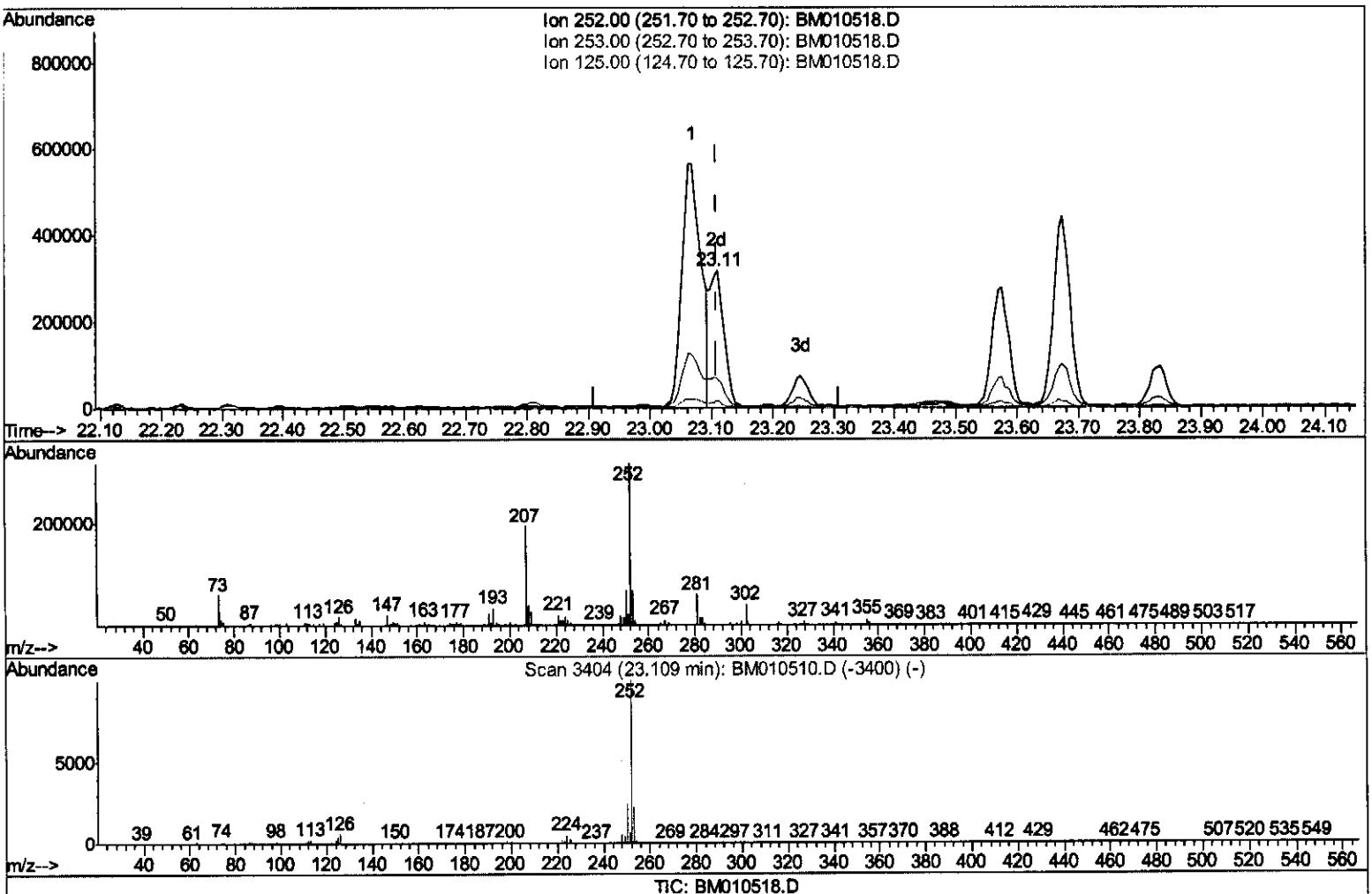

TIC: BM010518.D

(86) Benzo(k)fluoranthene

23.110min (+0.001) 6.28ng/ul m SS 06/19/17

response 506327

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.05
125.00	4.30	3.06#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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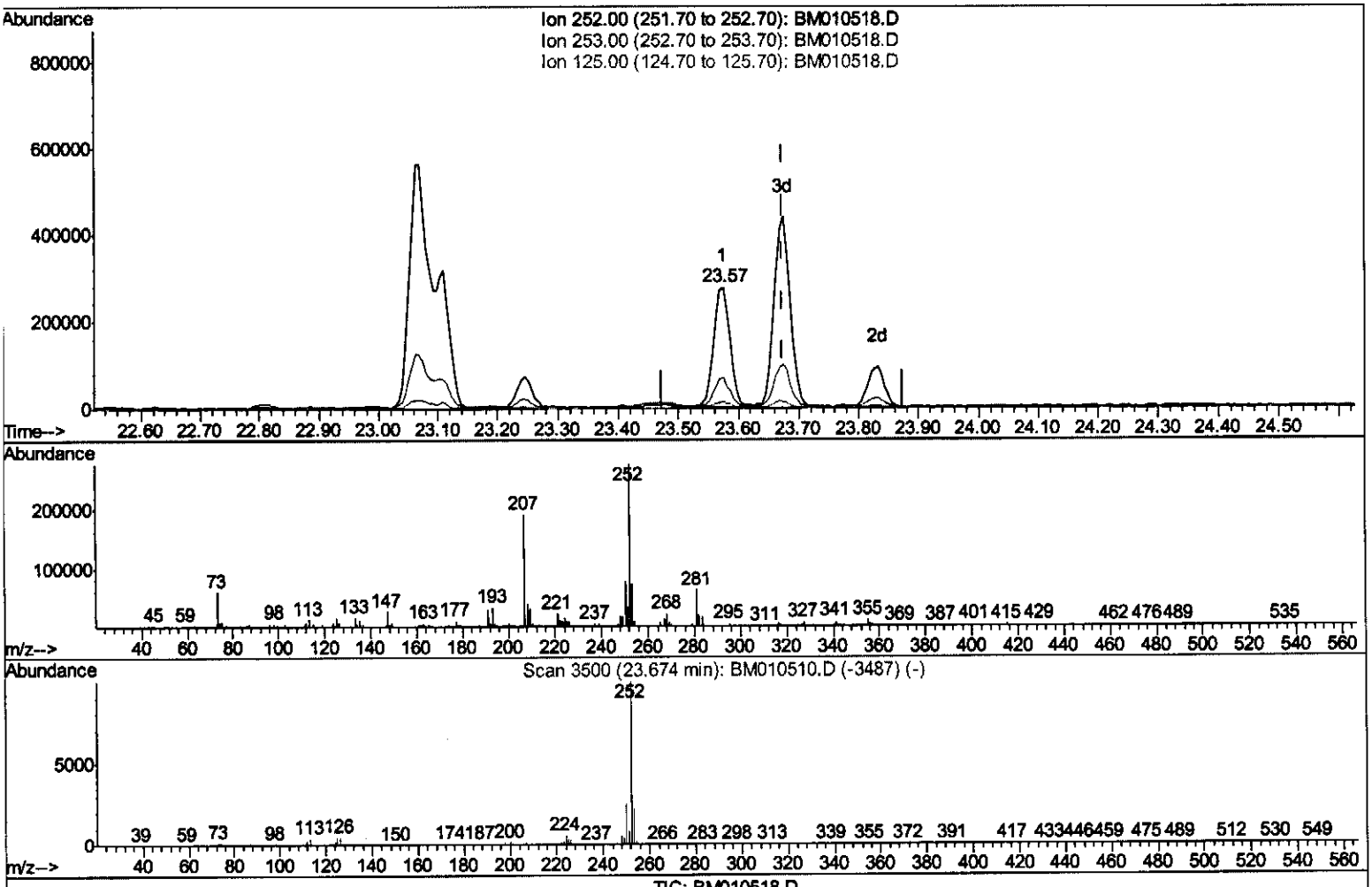

TIC: BM010518.D

(88) Benzo(a)pyrene (C)

23.574min (-0.099) 6.29ng/ul

response 526560

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	26.05
125.00	5.00	5.84
0.00	0.00	0.00

Quantitation Report (Qedit)

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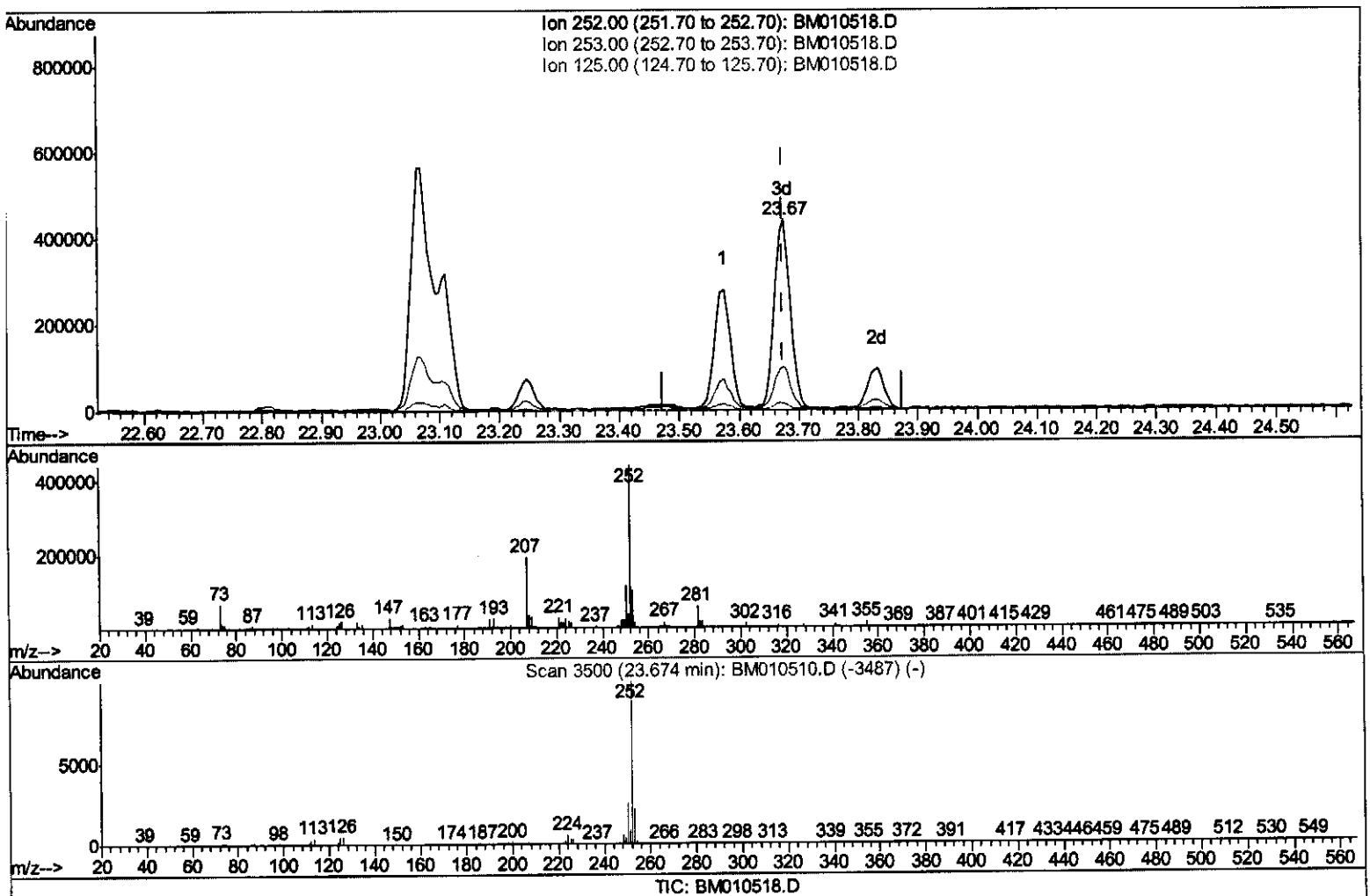

TIC: BM010518.D

(88) Benzo(a)pyrene (C)

23.674min (+0.001) 9.92ng/ul m

response 830448

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.02
125.00	5.00	3.69#
0.00	0.00	0.00

JS 6/19/17

Quantitation Report (LSC Reviewed)

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	142318	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	531745	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	385371	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1000016	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1469407	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1450931	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	11857	3.42	ng/uL	0.00
5) Phenol-d5	7.08	99	177875	16.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	107574	17.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	162834	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	155499	17.87	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	81175	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	99147	21.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	199173	21.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	197906	22.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	713931	22.30	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	763713	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	78271	16.34	ng/ul	0.00
57) Fluorene-d10	15.52	176	613021	21.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	119802	16.91	ng/ul	0.00
70) Anthracene-d10	17.37	188	1050091	21.58	ng/ul	0.00
76) Pyrene-d10	19.66	212	1392074	22.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1440057	21.32	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.10	94	27402	2.478	ng/ul	99
16) 4-Methylphenol	8.68	108	16957	1.916	ng/ul	90
24) 2,4-Dimethylphenol	9.87	107	20602	1.852	ng/ul#	82
28) Naphthalene	10.75	128	382779	14.352	ng/ul	97
34) 2-Methylnaphthalene	12.35	142	245263	12.129	ng/ul	100
40) 1,1'-Biphenyl	13.36	154	222921	7.131	ng/ul	99
44) Dimethylphthalate	13.99	163	651827	20.700	ng/ul	98
47) Acenaphthylene	14.25	152	38539	1.056	ng/ul#	89
49) Acenaphthene	14.59	153	983302	38.411	ng/ul	99
53) Dibenzofuran	14.93	168	1297042	34.265	ng/ul	97
58) Fluorene	15.57	166	1244512	40.080	ng/ul	98
69) Phenanthrene	17.33	178	8871756	166.181	ng/ul	98
71) Anthracene	17.41	178	832737	14.942	ng/ul	96
72) Carbazole	17.69	167	195829	4.151	ng/ul#	95
74) Fluoranthene	19.33	202	6631330	101.011	ng/ul#	96
77) Pyrene	19.70	202	4256448	56.213	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	1757691	21.212	ng/ul	98
82) Chrysene	21.48	228	1038461	13.864	ng/ul	99
85) Benzo(b)fluoranthene	23.07	252	1217473	14.420	ng/ul	99
86) Benzo(k)fluoranthene	23.11	252	506327m	6.278	ng/ul	
88) Benzo(a)pyrene	23.67	252	830448m	9.923	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.15	276	338984	3.206	ng/ul	97
91) Benzo(g,h,i)perylene	26.90	276	256408	2.944	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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