Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030552.D
Acq On : 23 Jun 2021 14:25
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jun 23 15:05:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Manual Integrations APPROVED
mohammad
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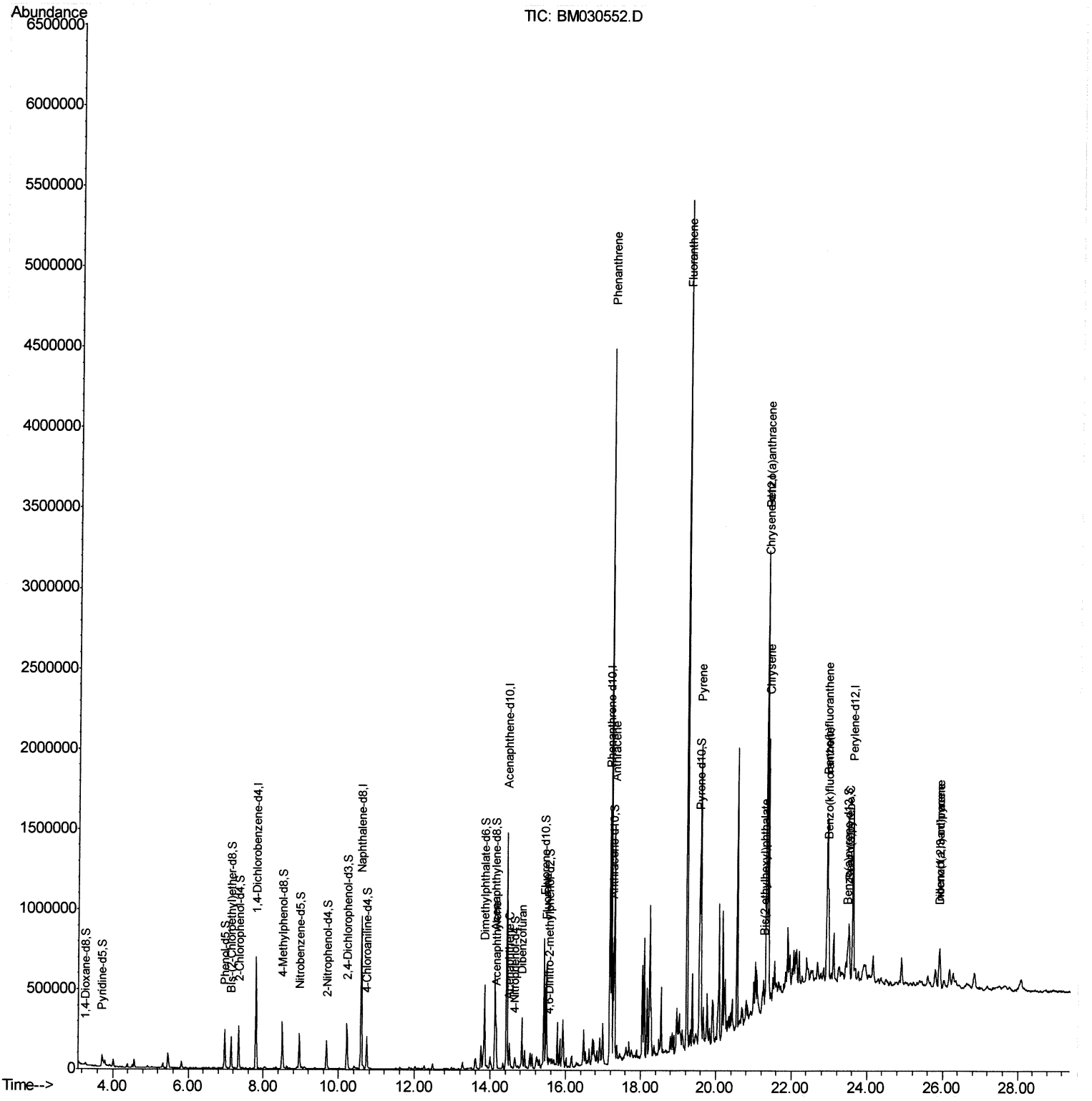

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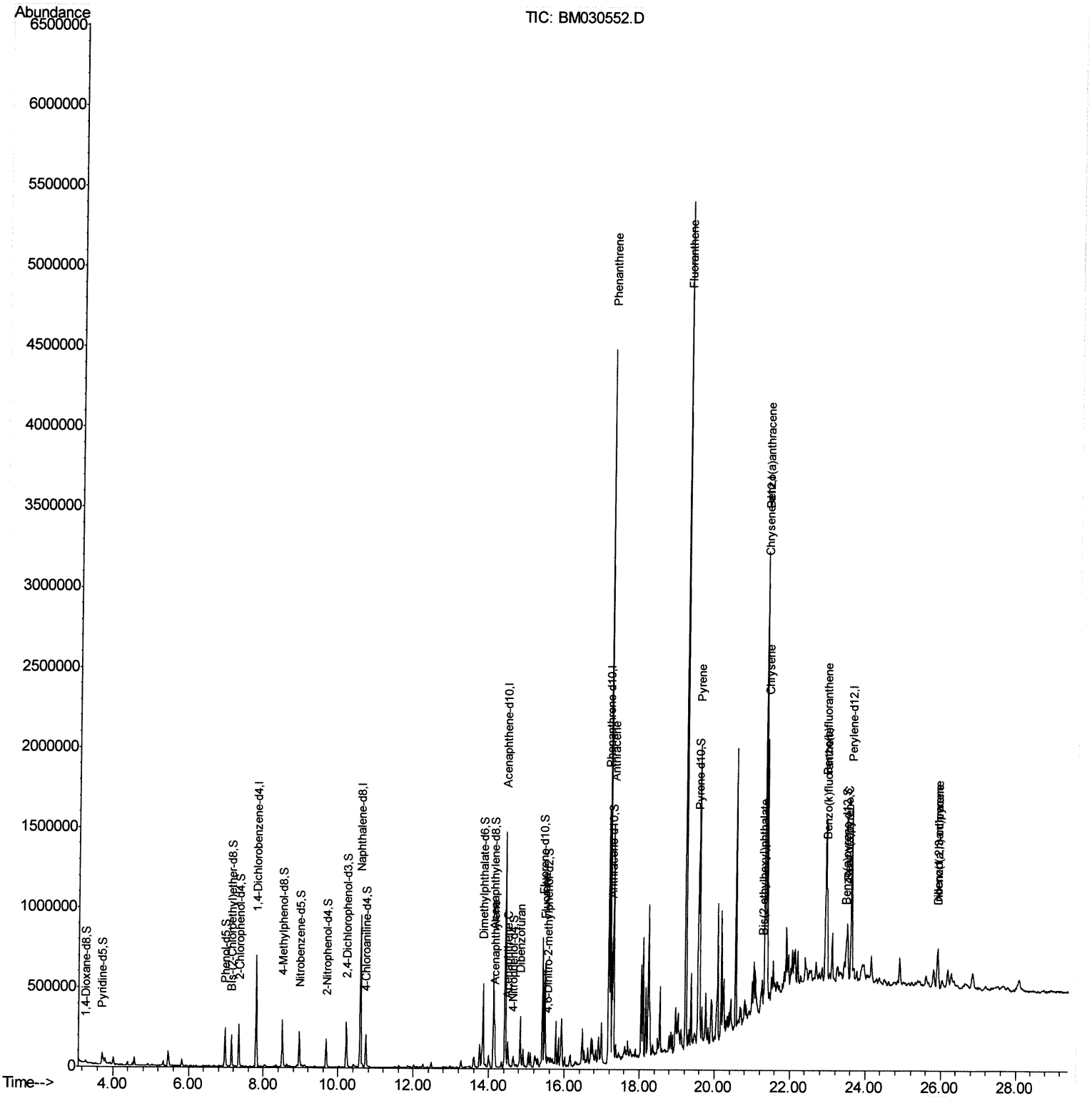

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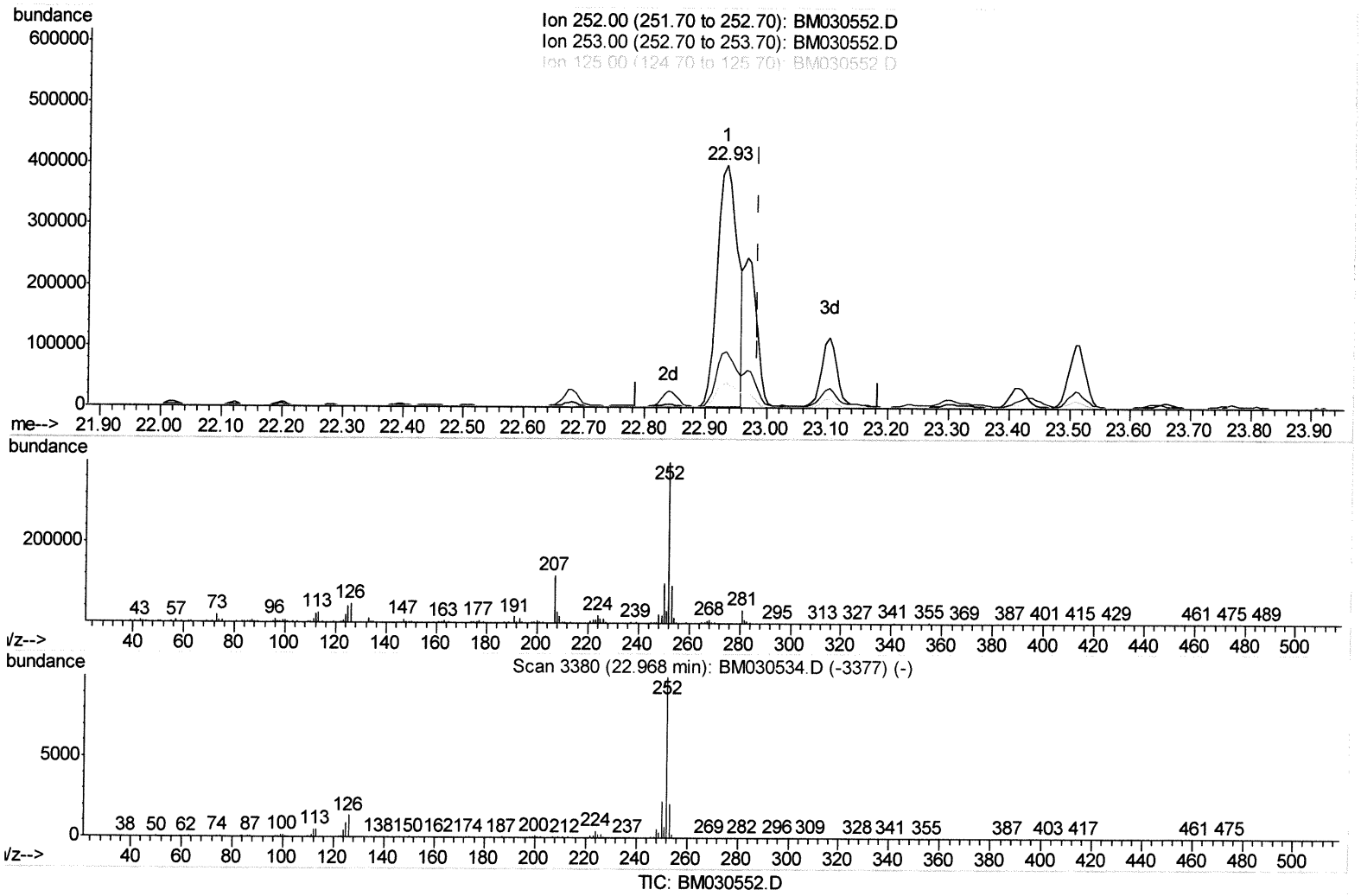

(91) Benzo(k)fluoranthene

22.933min (-0.053) 20.03ng/ul

response 906008

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.42
125.00	9.90	10.30
0.00	0.00	0.00

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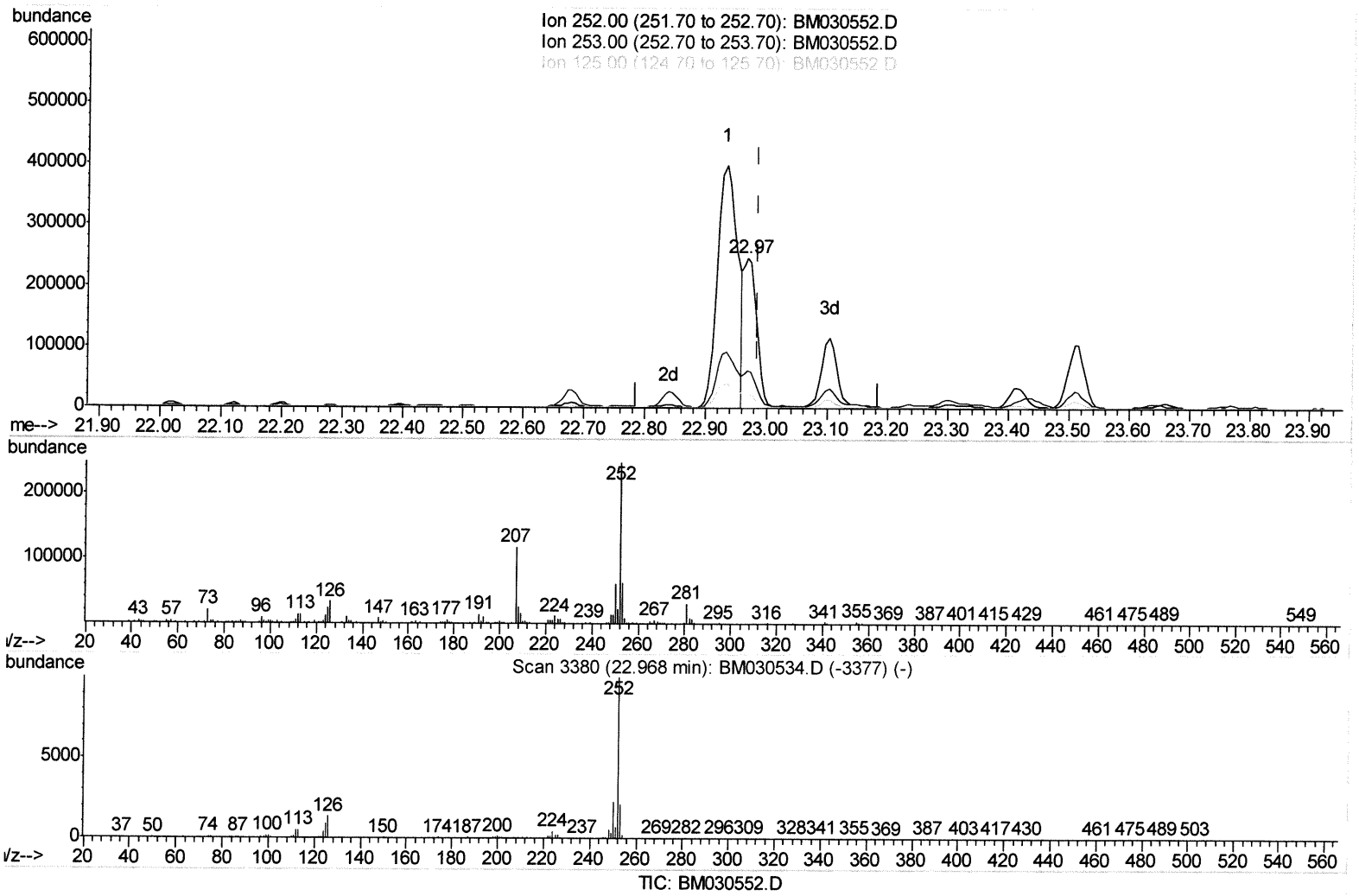

(91) Benzo(k)fluoranthene

22.968min (-0.017) 8.63ng/ul m JU 6/26/21

response 390632

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	25.24
125.00	9.90	9.66
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	7.80	152	184021	20.00	ng/ul	0.00
20) Naphthalene-d8	10.59	136	769784	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.43	164	488188	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.17	188	928767	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	717815	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	741485	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	7989	1.76	ng/uL	0.00
4) Pyridine-d5	3.72	84	59672	4.89	ng/ul	0.02
7) Phenol-d5	6.98	99	137611	8.67	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	91136	9.14	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	115444	9.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	113033	9.15	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	51216	8.92	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	54376	8.52	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	108667	8.89	ng/ul	0.00
31) 4-Chloroaniline-d4	10.73	131	114942	6.74	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	339321	10.07	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	405523	9.27	ng/ul	0.00
54) 4-Nitrophenol-d4	14.65	143	16643	2.61	ng/ul	0.00
60) Fluorene-d10	15.43	176	297143	9.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	15231	2.51	ng/ul	0.00
73) Anthracene-d10	17.27	188	422538	9.75	ng/ul	0.00
81) Pyrene-d10	19.56	212	235365	6.26	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.46	264	116735	3.03	ng/ul	-0.02
Target Compounds						Qvalue
50) Acenaphthylene	14.16	152	141391	3.484	ng/ul	98
52) Acenaphthene	14.50	153	62620	2.126	ng/ul	98
56) Dibenzofuran	14.83	168	144146	3.510	ng/ul	98
61) Fluorene	15.48	166	269645	7.968	ng/ul	99
72) Phenanthrene	17.22	178	2593004	51.989	ng/ul	99
74) Anthracene	17.30	178	900525	17.659	ng/ul	99
80) Fluoranthene	19.23	202	2959352	64.423	ng/ul	100
82) Pyrene	19.59	202	1158685	24.006	ng/ul	99
85) Benzo(a)anthracene	21.33	228	1141447	25.624	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.26	149	51492	2.253	ng/ul#	98
87) Chrysene	21.38	228	825686	19.013	ng/ul	97
90) Benzo(b)fluoranthene	22.93	252	906008	19.246	ng/ul	98
91) Benzo(k)fluoranthene	22.97	252	390632m>	8.634	ng/ul>	>JU 6/28/21
93) Benzo(a)pyrene	23.52	252	200246	4.731	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.91	276	183375	3.441	ng/ul	93
95) Dibenzo(a,h)anthracene	25.91	278	117442	2.659	ng/ul#	89

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

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11) 2-Chlorophenol-d4	7.34	132	115444	9.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	113033	9.15	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	51216	8.92	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	54376	8.52	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	108667	8.89	ng/ul	0.00
31) 4-Chloroaniline-d4	10.73	131	114942	6.74	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	339321	10.07	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	405523	9.27	ng/ul	0.00
54) 4-Nitrophenol-d4	14.65	143	16643	2.61	ng/ul	0.00
60) Fluorene-d10	15.43	176	297143	9.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	15231	2.51	ng/ul	0.00
73) Anthracene-d10	17.27	188	422538	9.75	ng/ul	0.00
81) Pyrene-d10	19.56	212	235365	6.26	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.46	264	116735	3.03	ng/ul	-0.02
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74) Anthracene	17.30	178	900525	17.659	ng/ul	99
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91) Benzo(k)fluoranthene	22.97	252	390632m	8.634	ng/ul	98
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JU 6/25/21

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