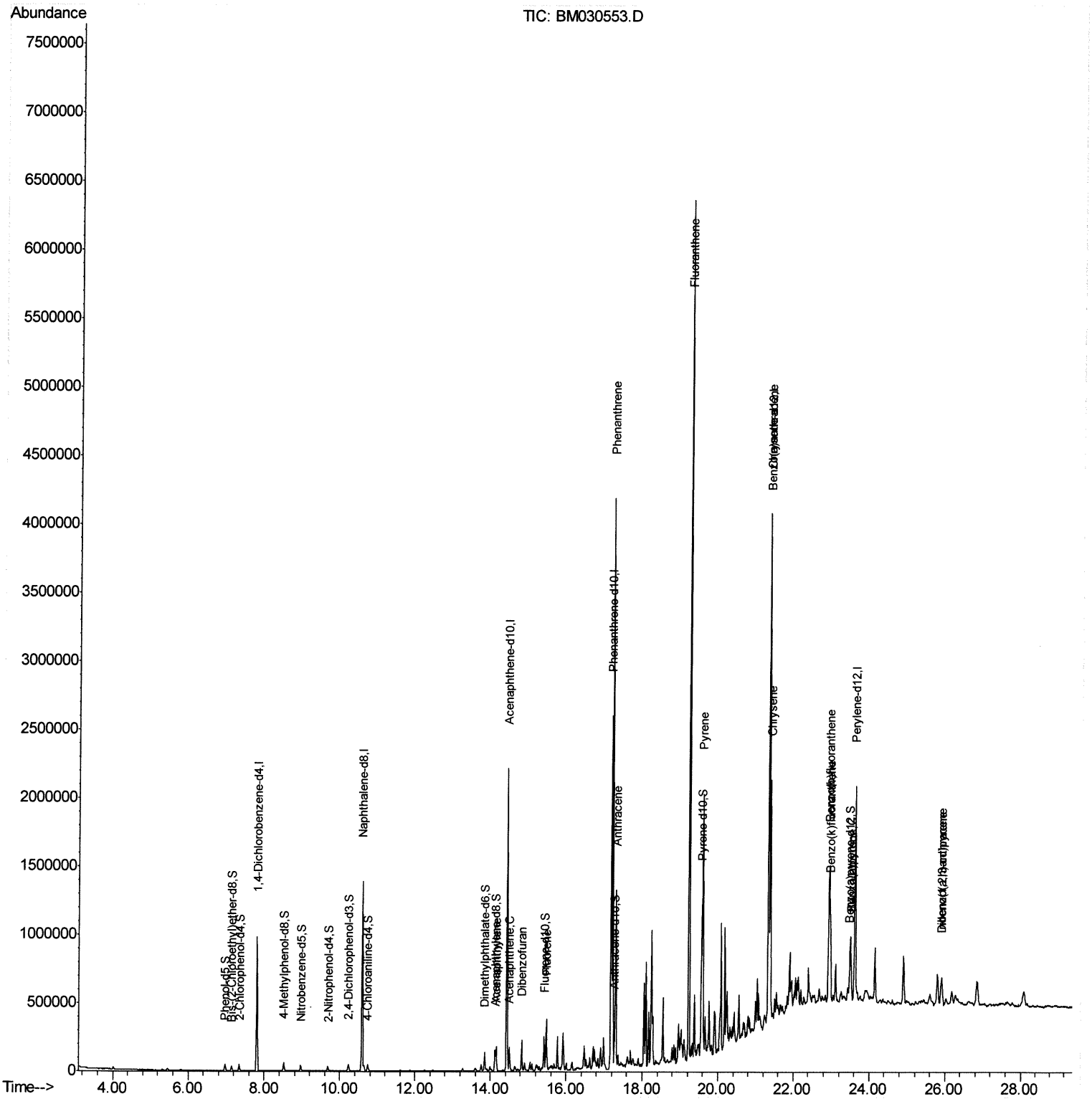
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030553.D
Acq On : 23 Jun 2021 15:02
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jun 23 15:40:31 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 :
BGDF4DL2

Manual Integrations APPROVED
mohammad
6/23/2021 4:49:33 PM



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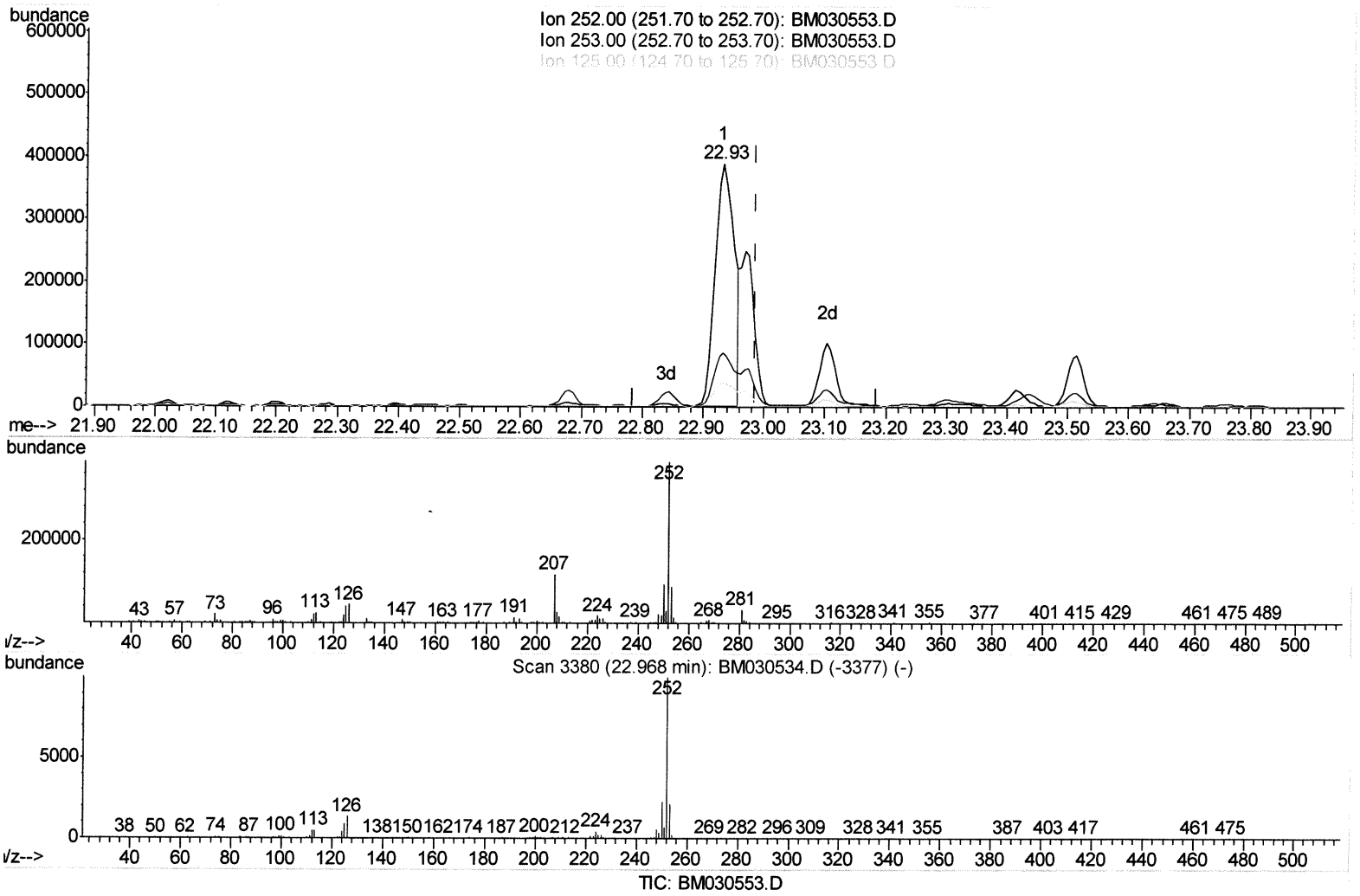

(91) Benzo(k)fluoranthene

22.933min (-0.053) 12.72ng/ul

response 850411

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.46
125.00	9.90	10.07
0.00	0.00	0.00

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Quant Time: Jun 23 15:59:14 2021
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mohammad
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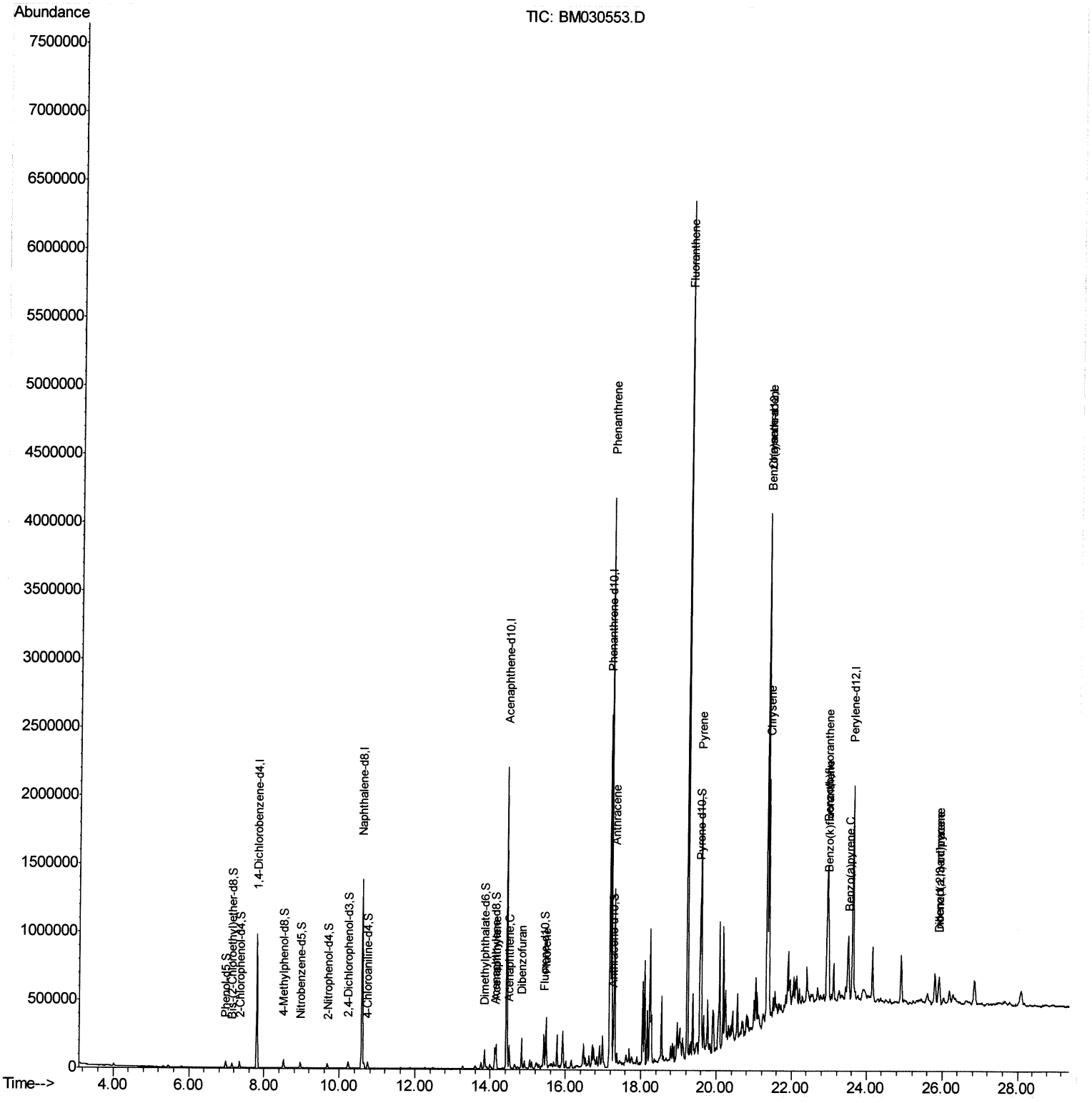

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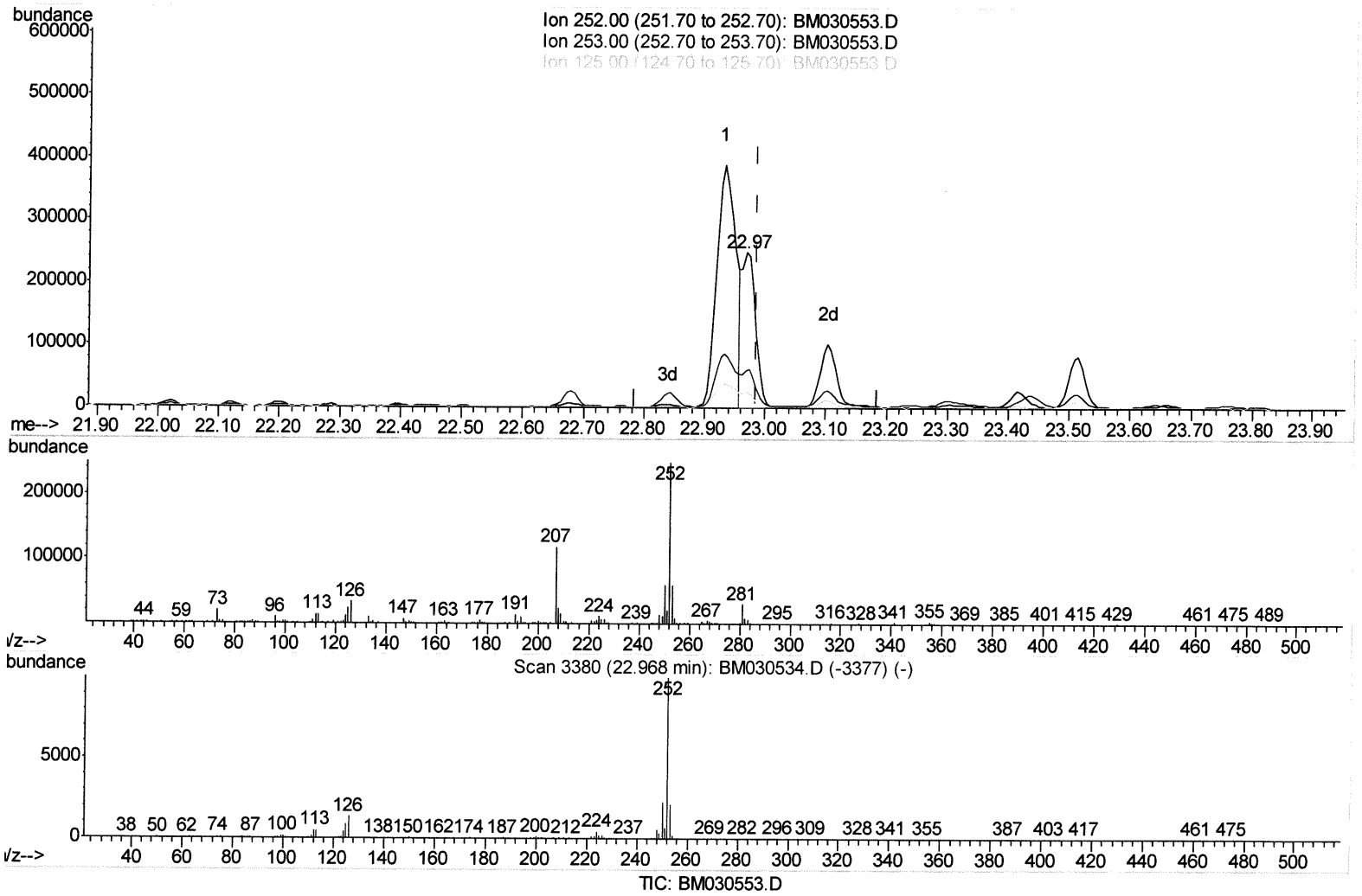

(91) Benzo(k)fluoranthene

22.968min (-0.018) 5.86ng/ul m JU 6/28/21

response 391963

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.32
125.00	9.90	9.78
0.00	0.00	0.00

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ALS Vial : 45 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
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Quant Time: Jun 23 15:40:31 2021
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	258938	20.00	ng/ul	0.00
20) Naphthalene-d8	10.59	136	1126950	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.43	164	746139	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.17	188	1552394	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	1277035	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	1095459	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	694	0.11	ng/uL	0.00
4) Pyridine-d5	3.69	84	246	0.01	ng/ul	0.00
7) Phenol-d5	6.97	99	26725	1.20	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	16737	1.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	19192	1.11	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	24547	1.41	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	9789	1.16	ng/ul	0.00
24) 2-Nitrophenol-d4	9.69	143	10955	1.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	23082	1.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	29649	1.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	91933	1.78	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	102274	1.53	ng/ul	0.00
54) 4-Nitrophenol-d4	14.65	143	6254	0.64	ng/ul	0.01
60) Fluorene-d10	15.43	176	83896	1.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	3799	0.37	ng/ul	0.00
73) Anthracene-d10	17.27	188	132445	1.83	ng/ul	0.00
81) Pyrene-d10	19.56	212	101349	1.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	60694	1.07	ng/ul	-0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.16	152	114419	1.845	ng/ul	97
52) Acenaphthene	14.50	153	67680	1.503	ng/ul	98
56) Dibenzofuran	14.83	168	107005	1.705	ng/ul	99
61) Fluorene	15.48	166	159459	3.083	ng/ul	98
72) Phenanthrene	17.22	178	2427636	29.120	ng/ul	99
74) Anthracene	17.31	178	811669	9.522	ng/ul	99
80) Fluoranthene	19.23	202	3649128	44.652	ng/ul	100
82) Pyrene	19.59	202	1234218	14.373	ng/ul	98
85) Benzo(a)anthracene	21.33	228	1312174	16.557	ng/ul	98
87) Chrysene	21.38	228	912878	11.816	ng/ul	96
90) Benzo(b)fluoranthene	22.93	252	850411	12.228	ng/ul	99
91) Benzo(k)fluoranthene	22.97	252	391963m	5.864	ng/ul	99
93) Benzo(a)pyrene	23.52	252	155060	2.480	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	25.91	276	143367	1.821	ng/ul	96
95) Dibenzo(a,h)anthracene	25.91	278	100666	1.542	ng/ul#	90

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

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38) Acenaphthene-d10	14.43	164	746139	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.17	188	1552394	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	1277035	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	1095459	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	694	0.11	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.97	99	26725	1.20	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	16737	1.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	19192	1.11	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	24547	1.41	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	9789	1.16	ng/ul	0.00
24) 2-Nitrophenol-d4	9.69	143	10955	1.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	23082	1.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	29649	1.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	91933	1.78	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	102274	1.53	ng/ul	0.00
54) 4-Nitrophenol-d4	14.65	143	6254	0.64	ng/ul	0.01
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65) 4,6-Dinitro-2-methylphenol	15.55	200	3799	0.37	ng/ul	0.00
73) Anthracene-d10	17.27	188	132445	1.83	ng/ul	0.00
81) Pyrene-d10	19.56	212	101349	1.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
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52) Acenaphthene	14.50	153	67680	1.503	ng/ul	98
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