

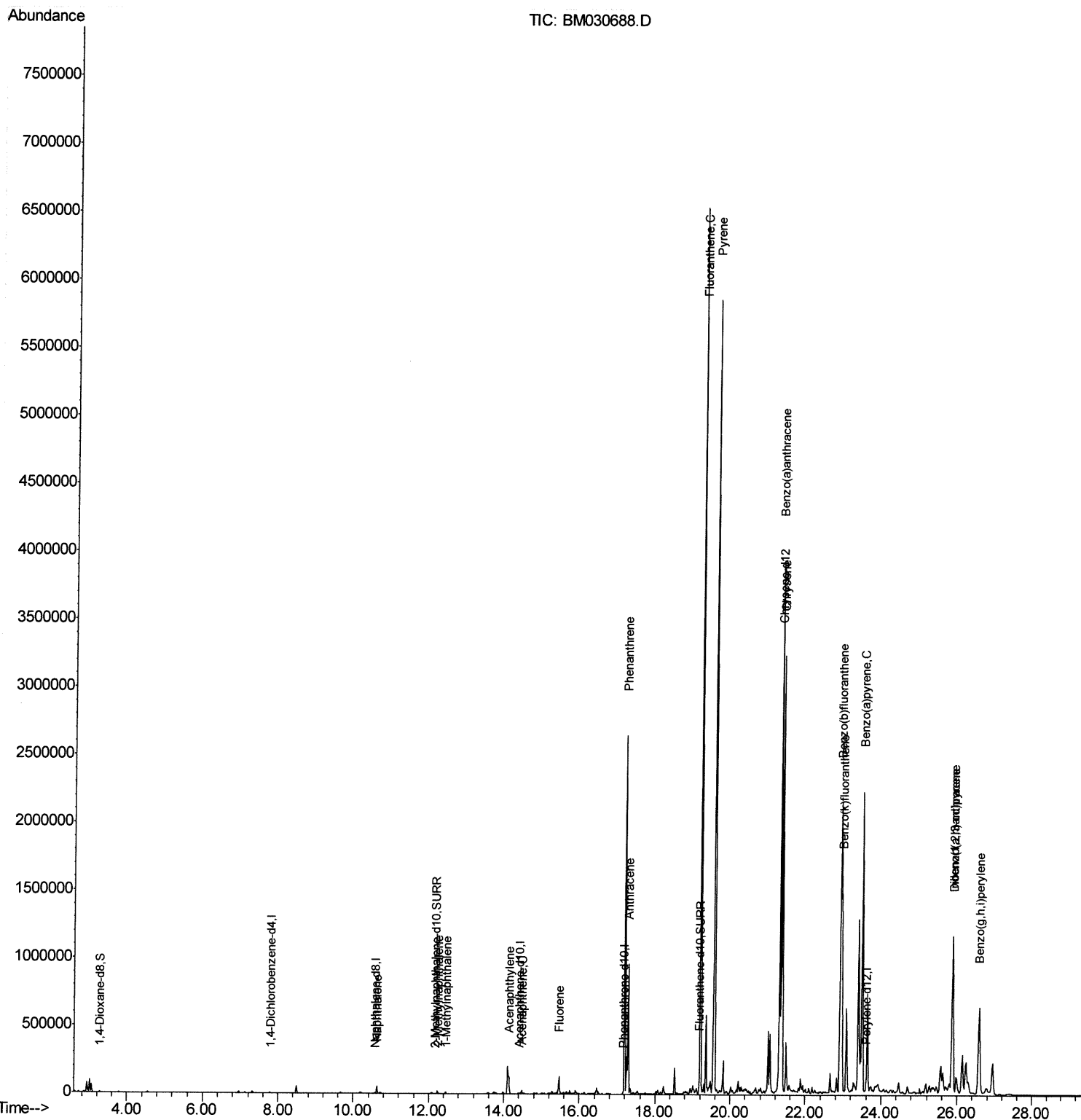
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062821\
Data File : BM030688.D
Acq On : 29 Jun 2021 13:07
Operator : CG/JU
Sample : M2680-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD73

Quant Time: Jun 29 13:47:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
6/30/2021 10:24:56 AM



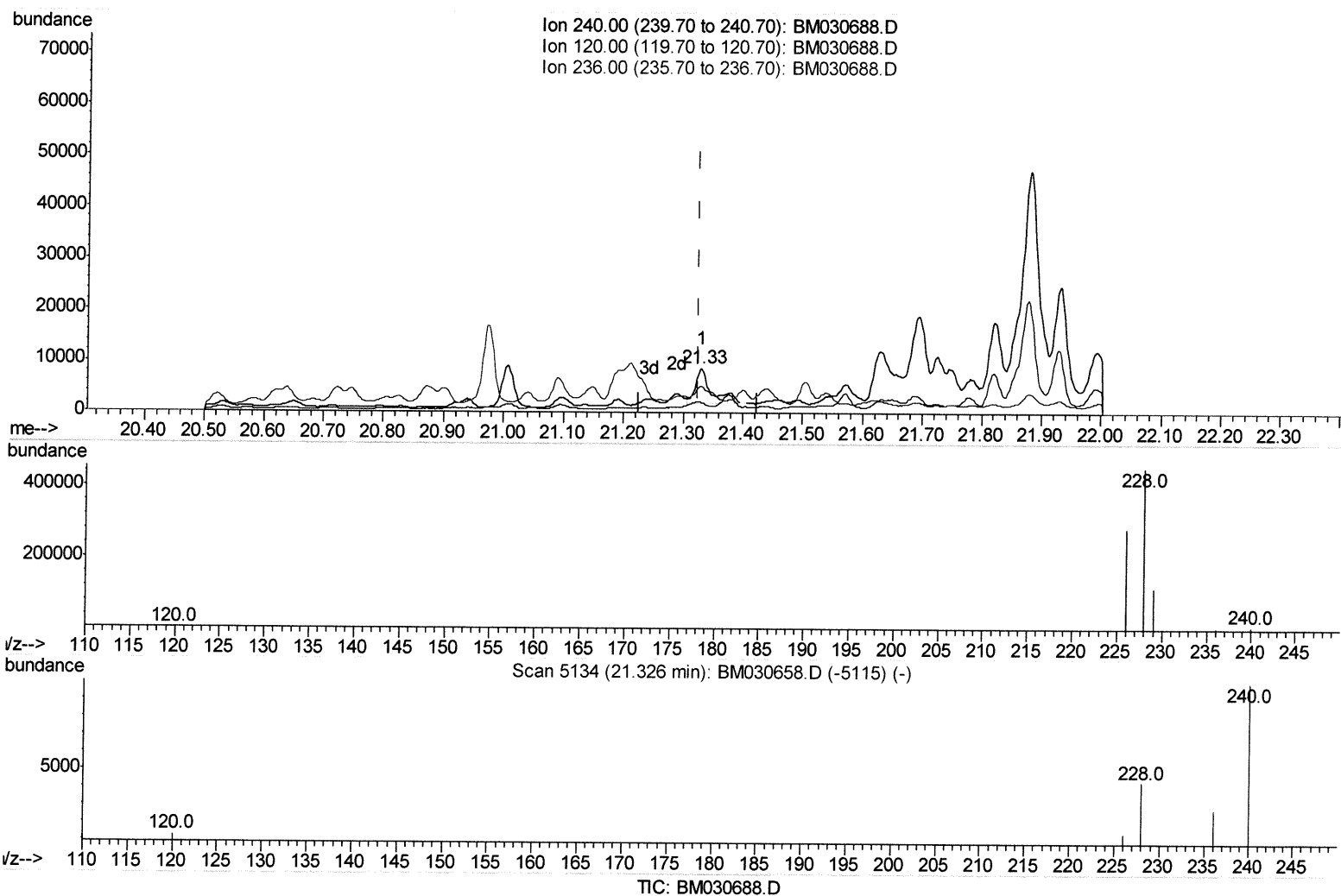
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(17) Chrysene-d12

21.331min (+0.005) 0.40ng/ul

response 13237

Ion	Exp%	Act%
240.00	100	100
120.00	16.80	22.24#
236.00	29.50	58.71#
0.00	0.00	0.00

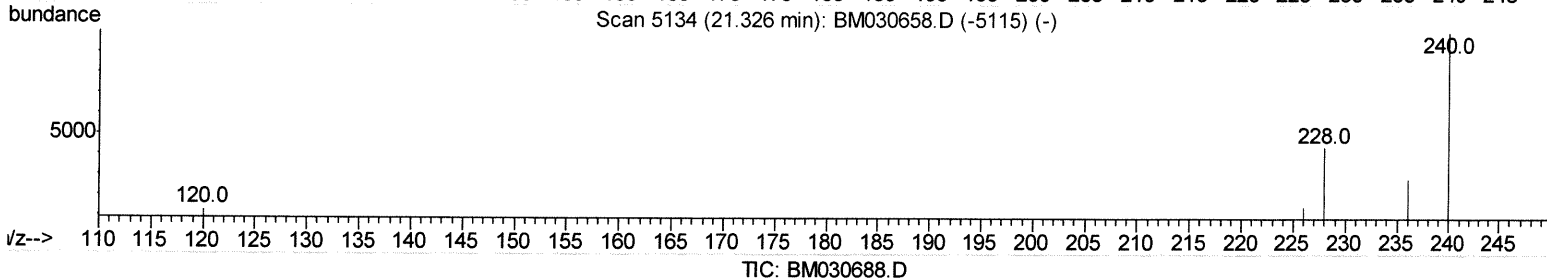
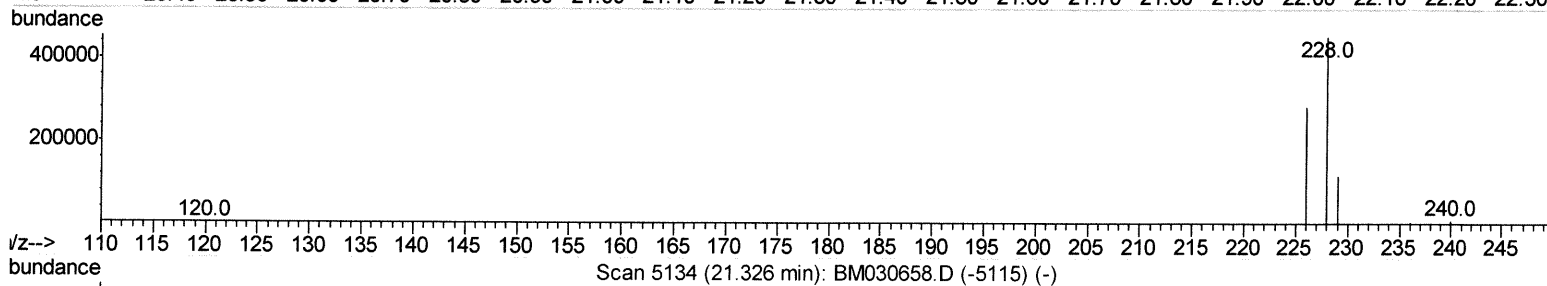
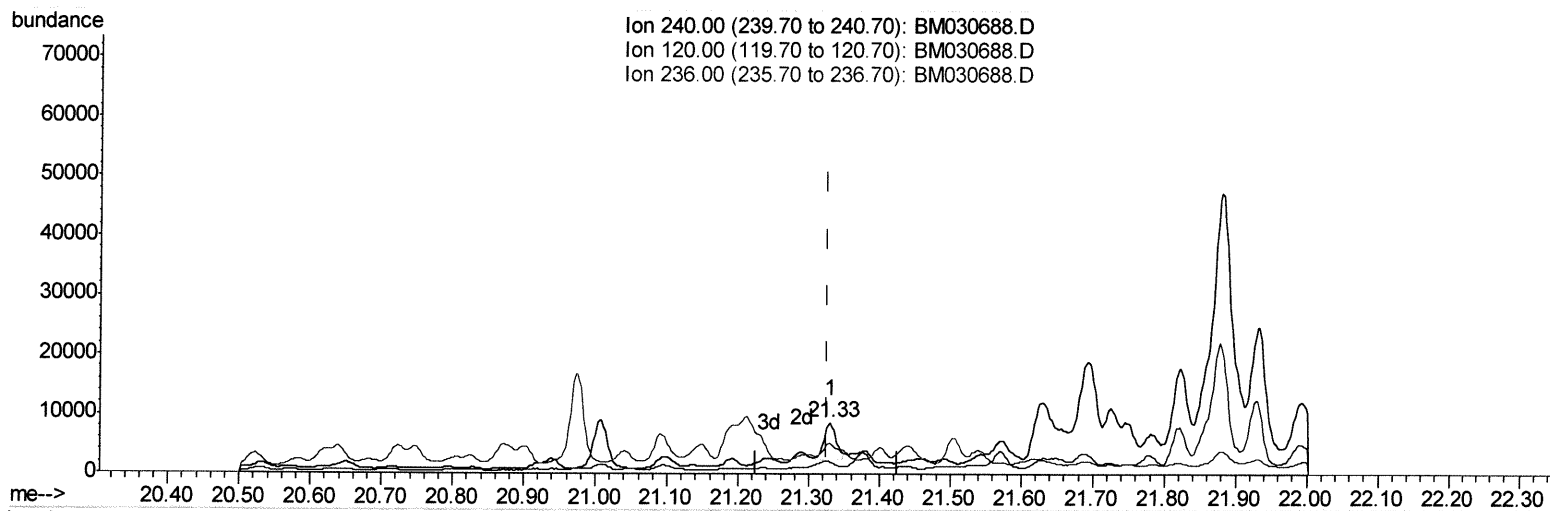
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(17) Chrysene-d12

21.331min (+0.005) 0.40ng/ul m

response 7493

Ion	Exp%	Act%
240.00	100	100
120.00	16.80	22.24#
236.00	29.50	58.71#
0.00	0.00	0.00

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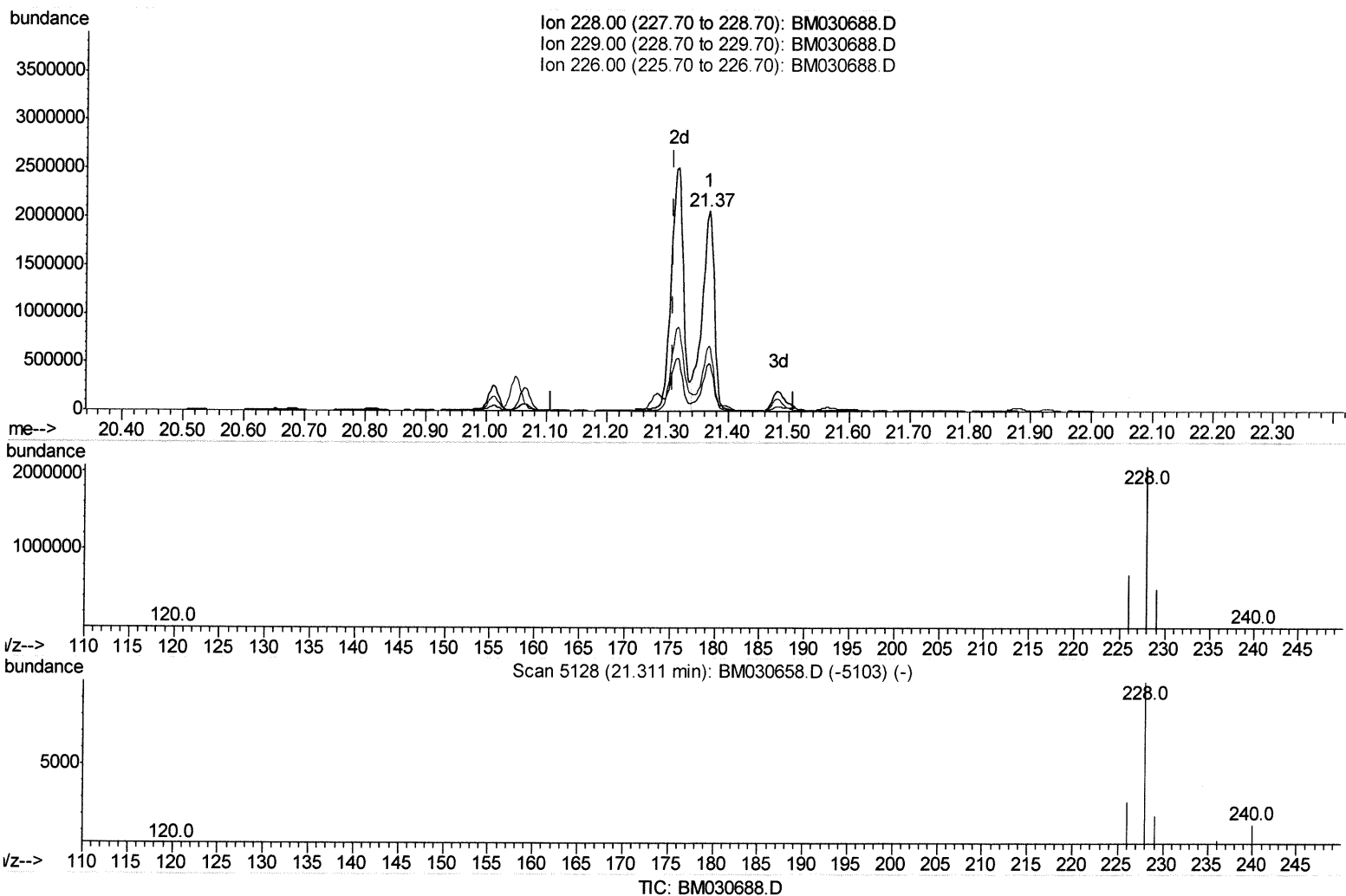
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(21) Benzo(a)anthracene

21.367min (+0.058) 97.49ng/ul

response 2911898

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	23.80
226.00	27.80	32.91
0.00	0.00	0.00

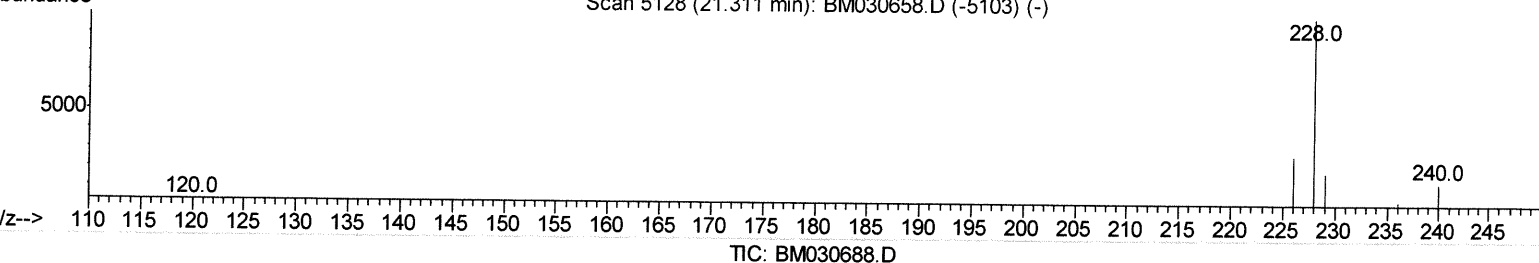
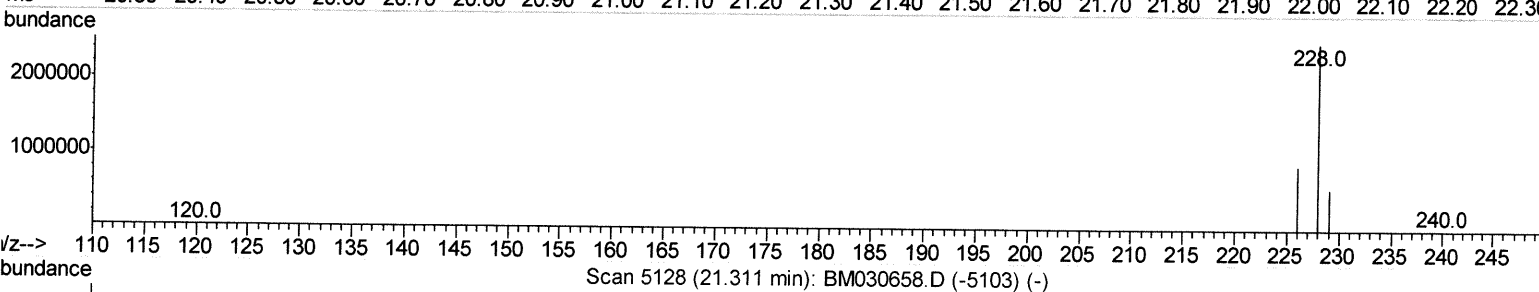
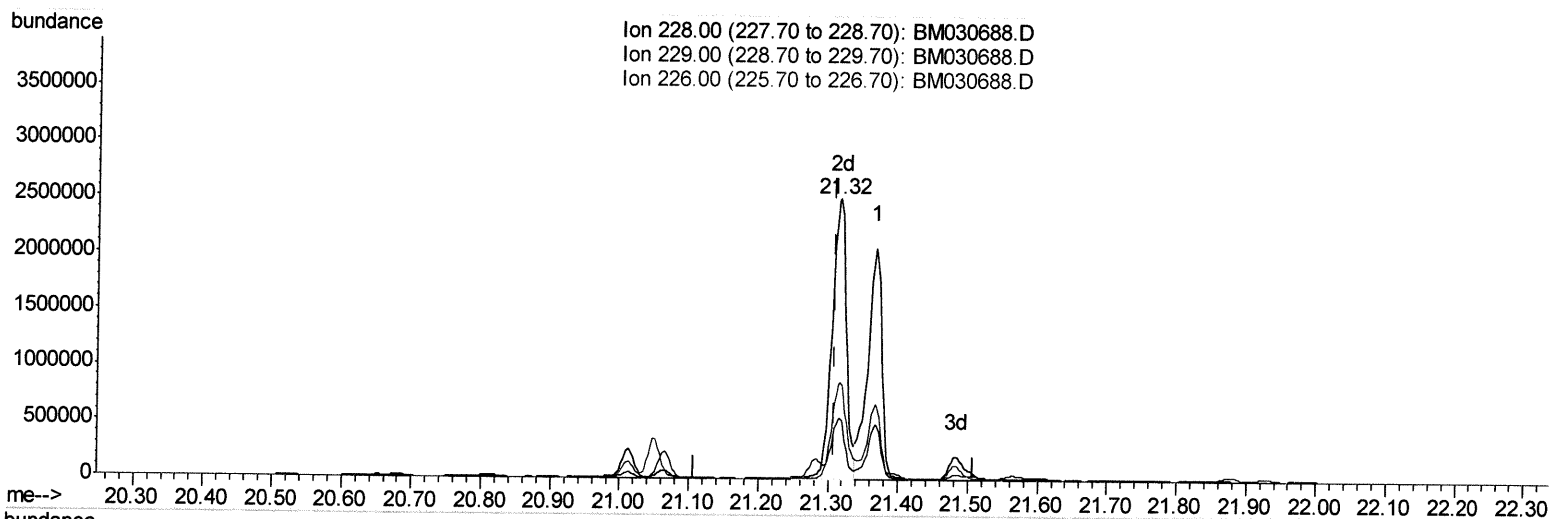
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(21) Benzo(a)anthracene

21.316min (+0.007) 120.16ng/ul m

response 3589075

JU 6/30/21

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.85
226.00	27.80	34.64#
0.00	0.00	0.00

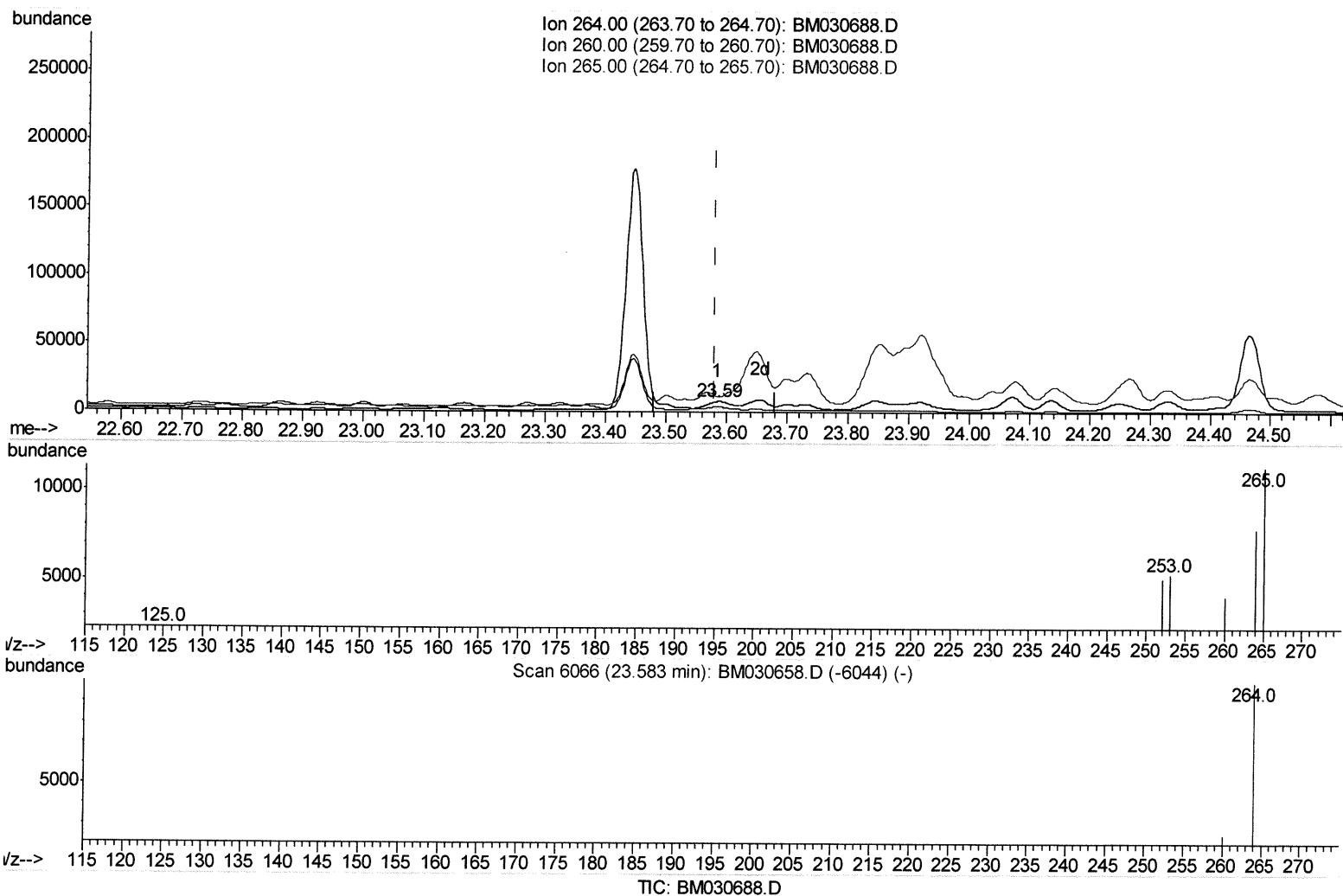
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(23) Perylene-d12 (I)

23.585min (+0.005) 0.40ng/ul

response 13018

Ion	Exp%	Act%
264.00	100	100
260.00	26.60	52.00#
265.00	86.70	143.70#
0.00	0.00	0.00

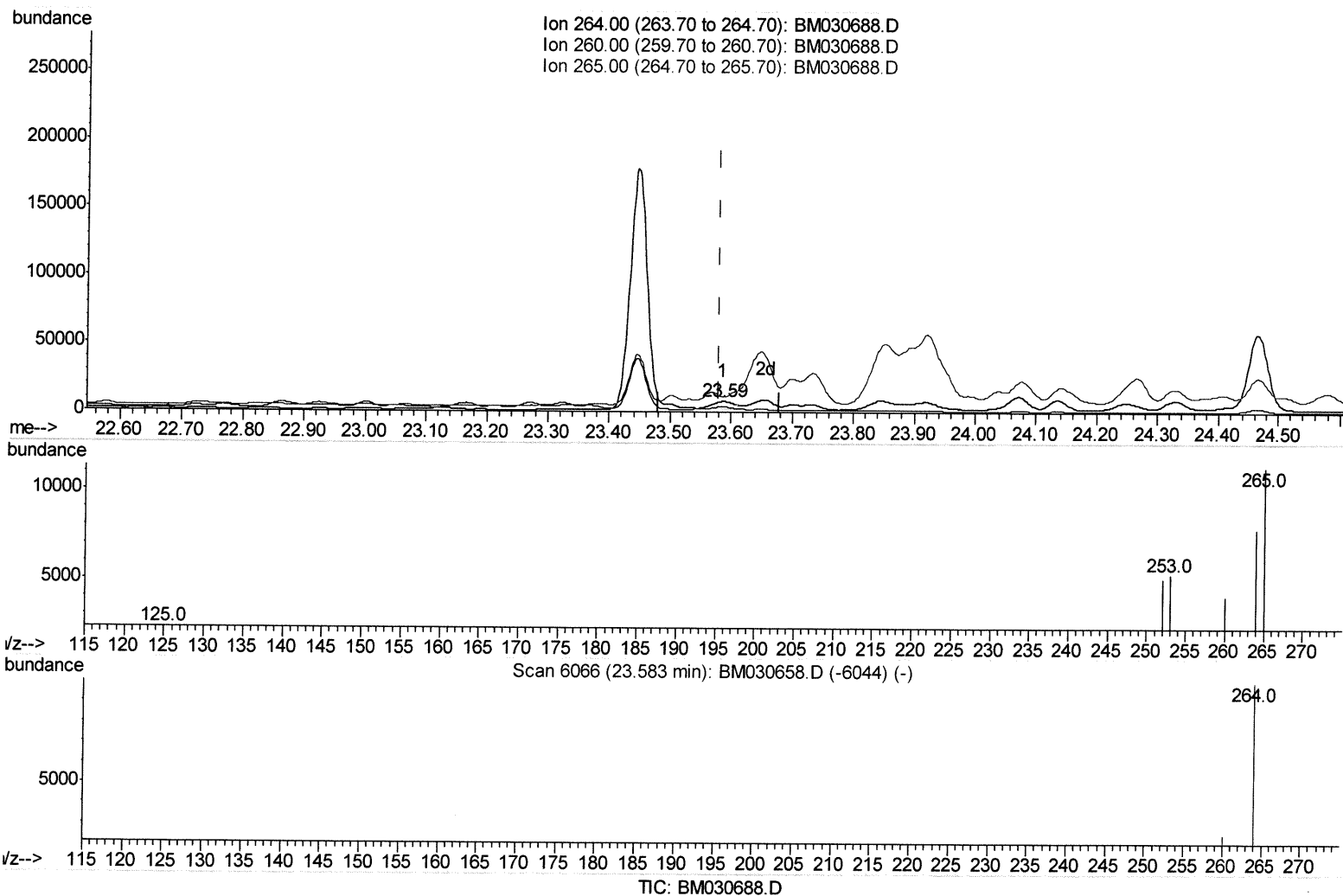
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 Sample : M2680-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(23) Perylene-d12 (I)

23.585min (+0.005) 0.40ng/ul m

response 11563

Ion	Exp%	Act%
264.00	100	100
260.00	26.60	52.00#
265.00	86.70	143.70#
0.00	0.00	0.00

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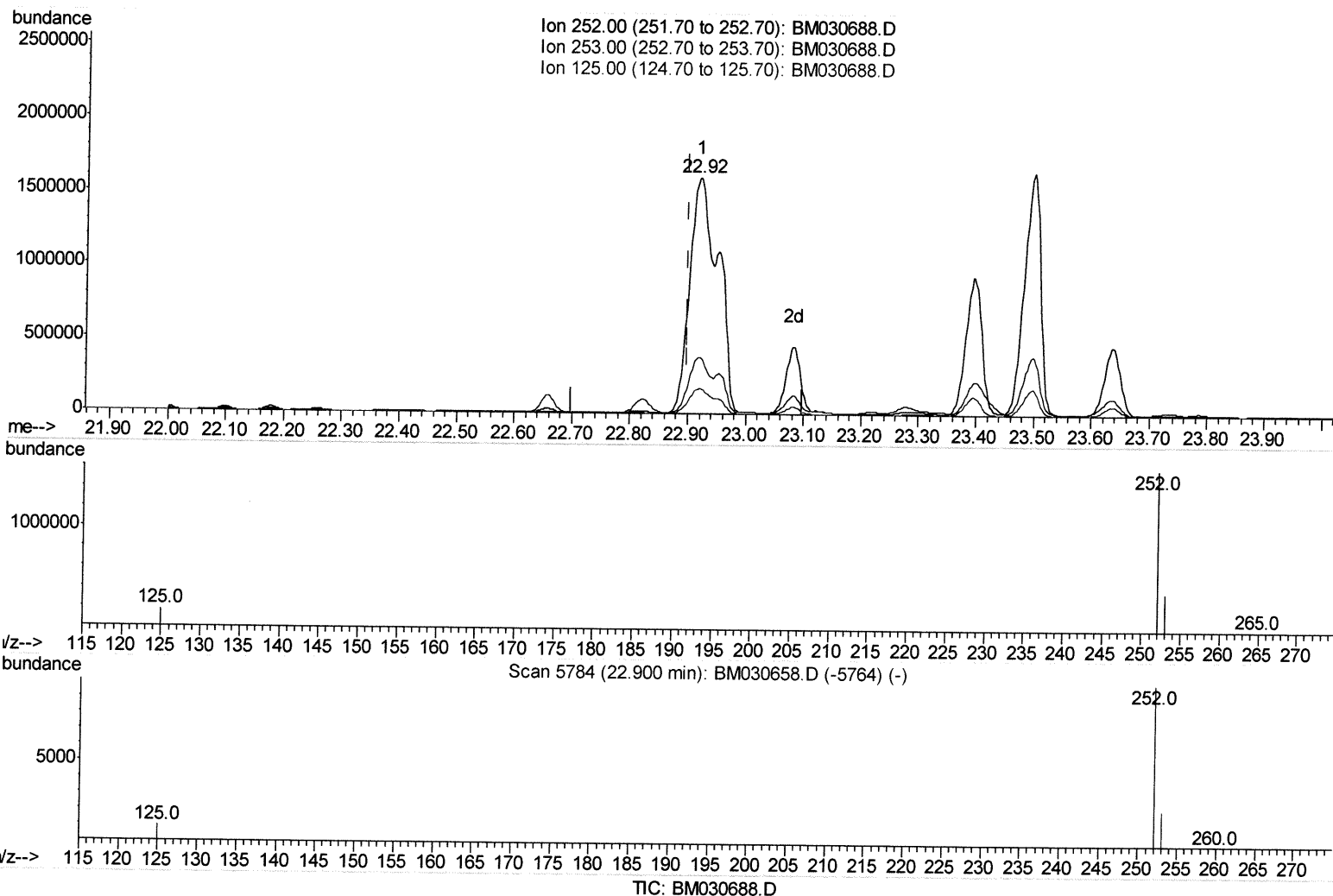
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Data File : BM030688.D
Acq On : 29 Jun 2021 13:07
Operator : CG/JU
Sample : M2680-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Quant Time: Jun 29 13:46:26 2021
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Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.919min (+0.020) 105.97ng/ul

response 5427422

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	23.64
125.00	16.60	10.67
0.00	0.00	0.00

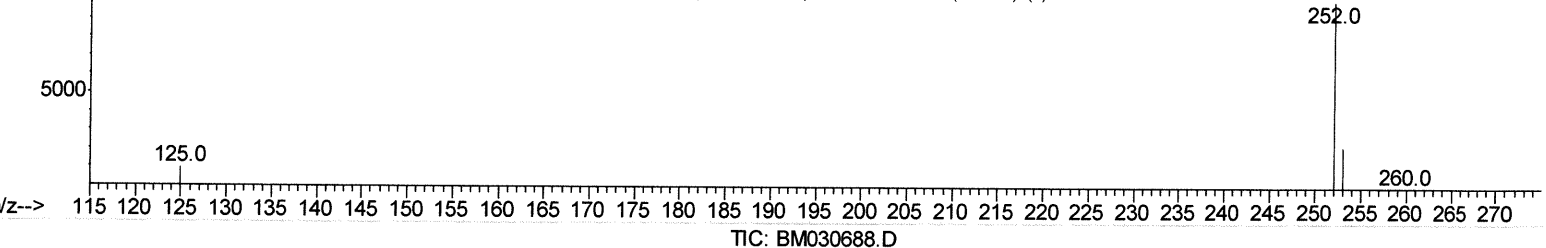
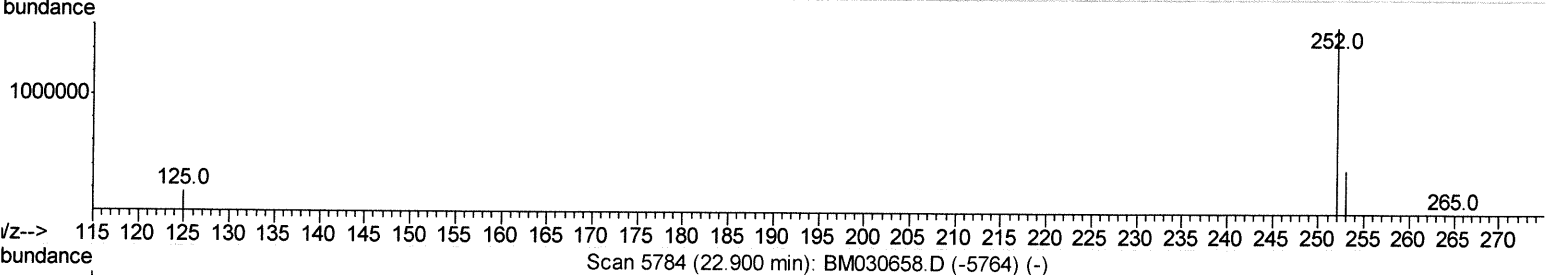
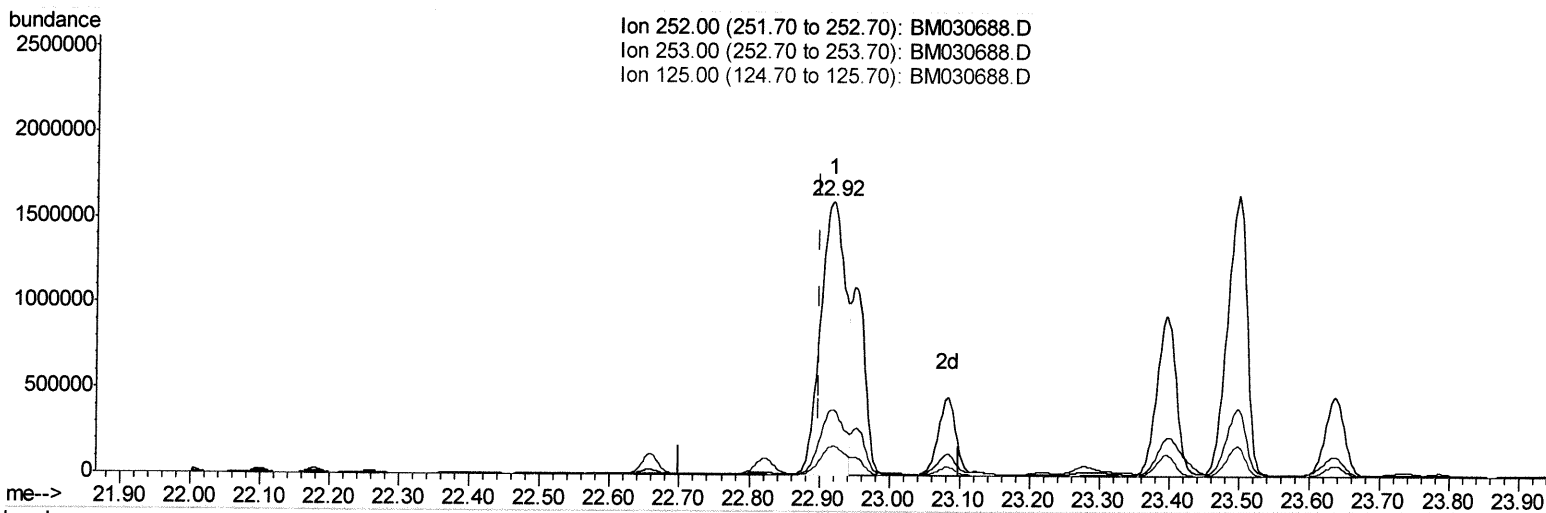
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Instrument :
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(24) Benzo(b)fluoranthene

22.919min (+0.020) 77.76ng/ul m

response 3982511

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	23.64
125.00	16.60	10.67
0.00	0.00	0.00

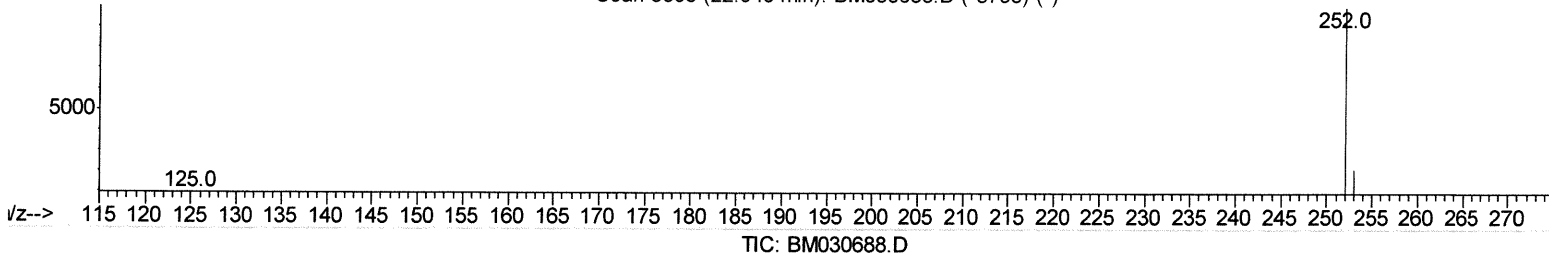
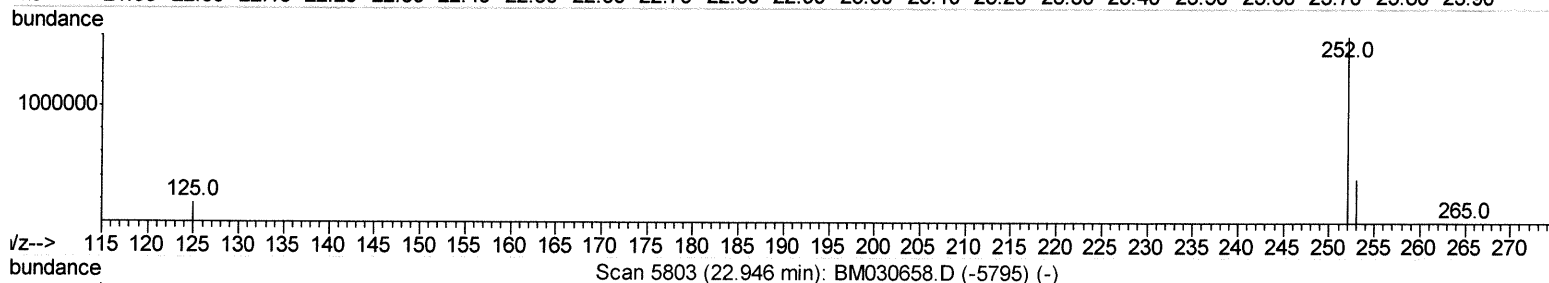
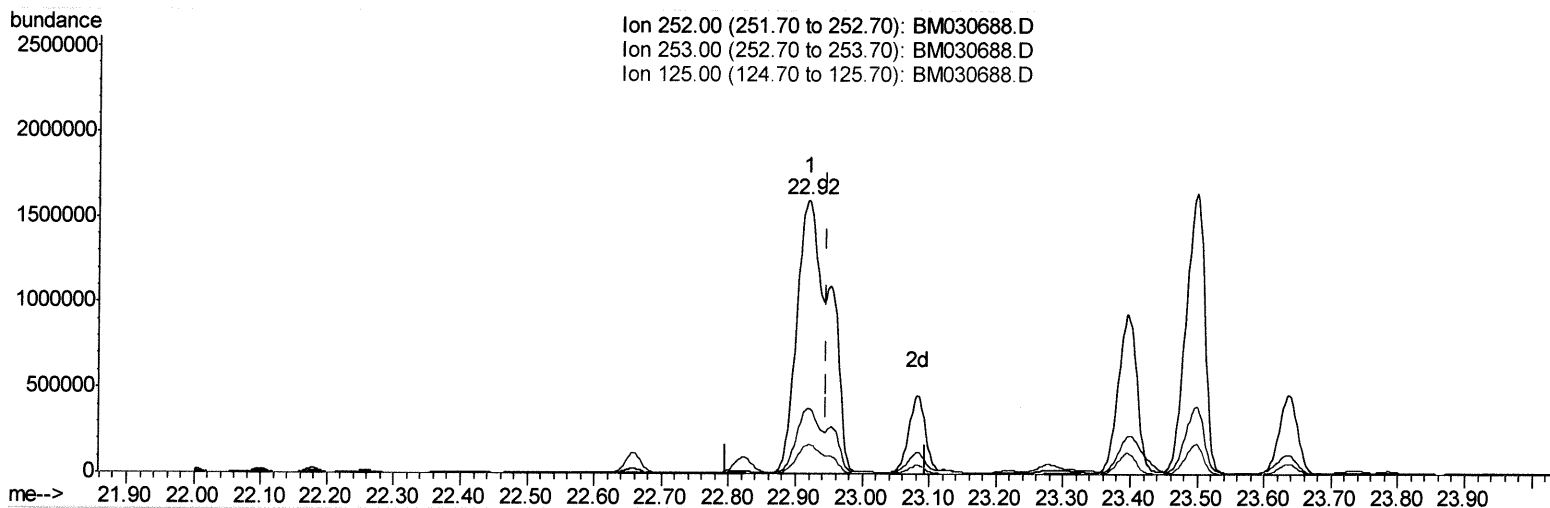
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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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(25) Benzo(k)fluoranthene

22.919min (-0.027) 102.79ng/ul

response 5427422

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	23.64
125.00	15.80	10.67#
0.00	0.00	0.00

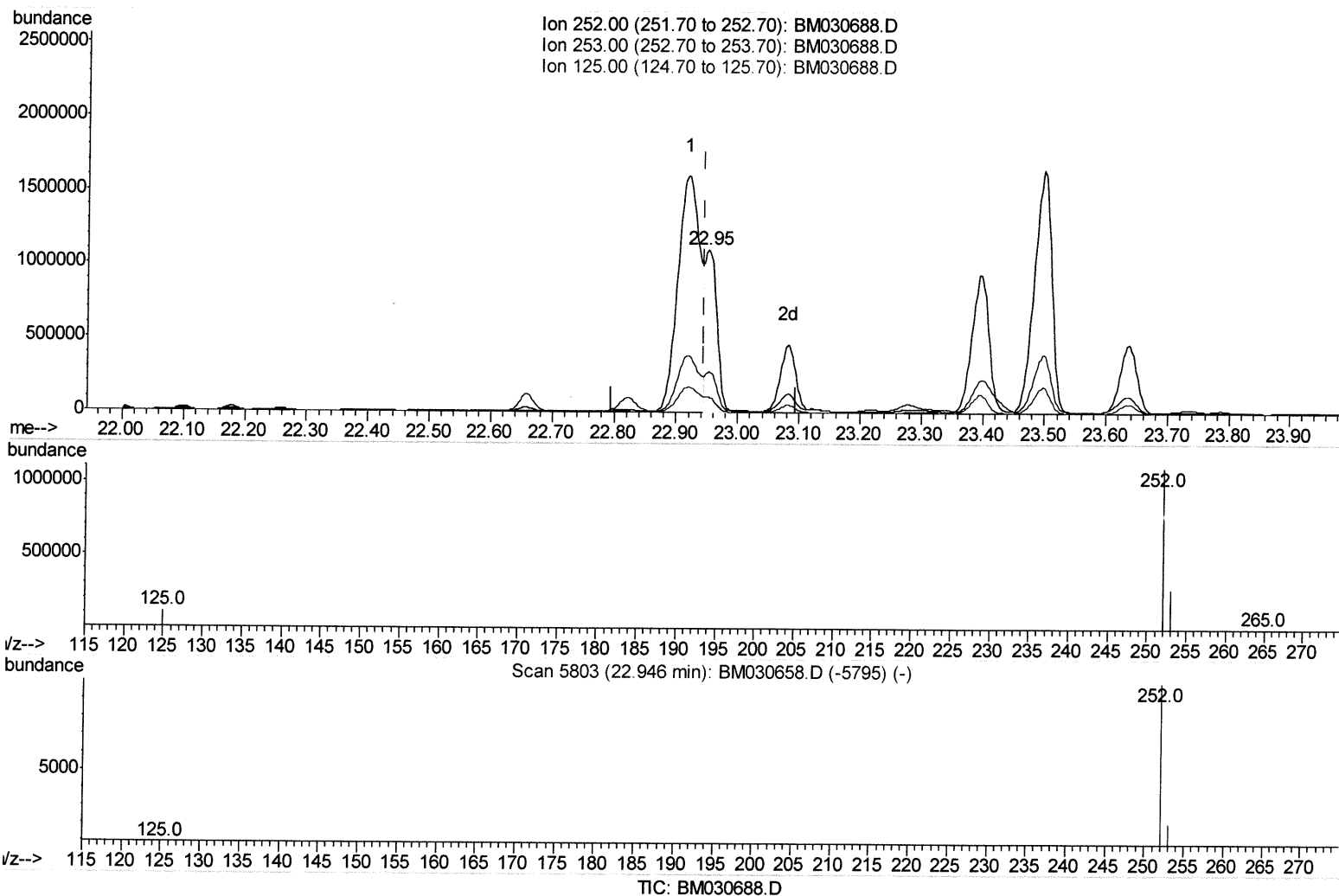
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 6/30/2021 10:24:56 AM



(25) Benzo(k)fluoranthene

22.951min (+0.005) 27.90ng/ul m

response 1473197

ju 6/30/21

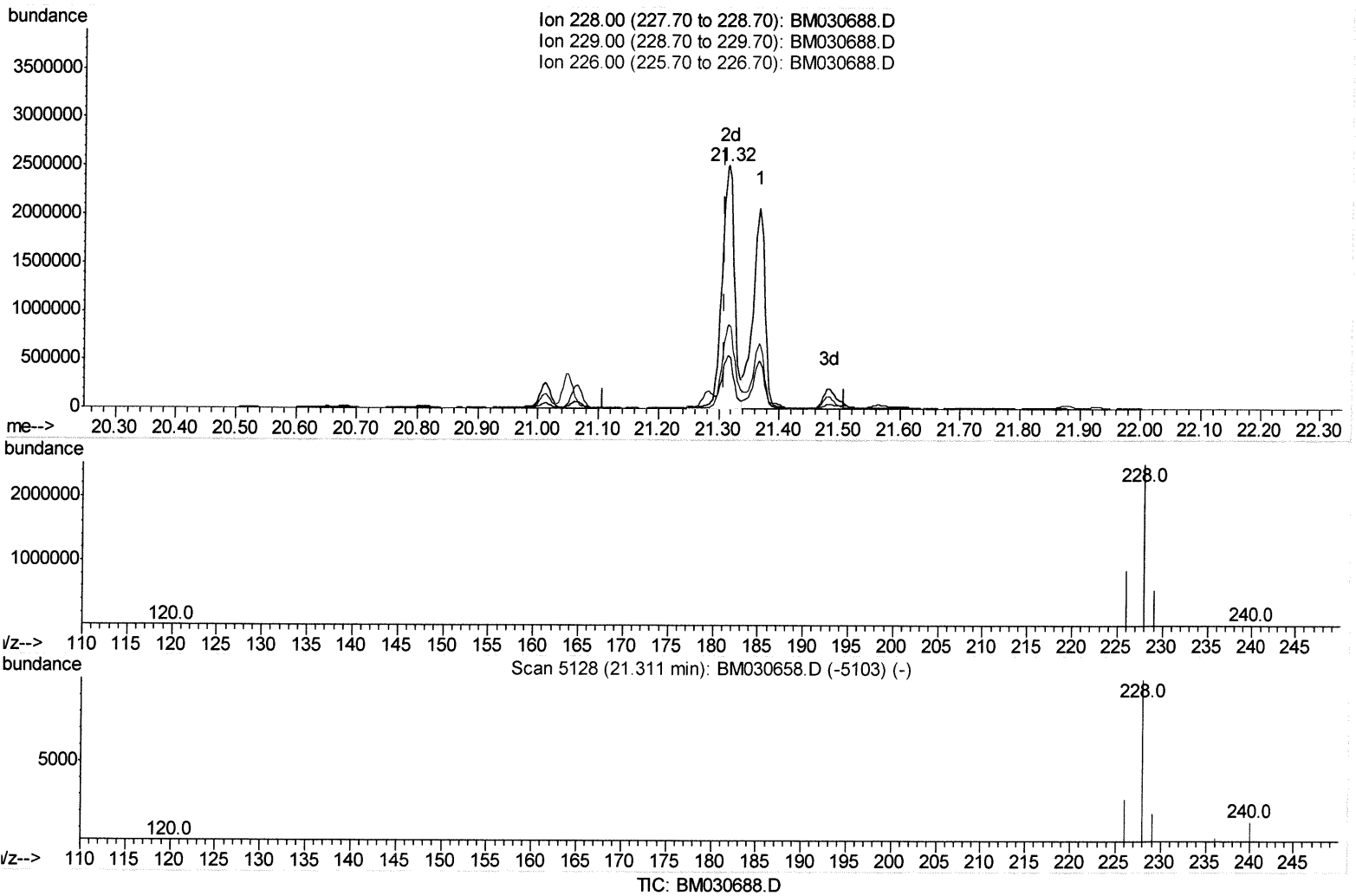
Ion	Exp%	Act%
252.00	100	100
253.00	29.00	24.73
125.00	15.80	9.73#
0.00	0.00	0.00

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(21) Benzo(a)anthracene

21.316min (+0.007) 120.16ng/ul m
 response 3589075

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.85
226.00	27.80	34.64#
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	7.79	152	2019	0.40	ng/ul	0.00
4) Naphthalene-d8	10.57	136	7456	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.41	164	4562	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.15	188	8366	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	7493m	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	11563m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	5442	2.47	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.16	152	1871	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	3339	0.16	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.62	128	72821	3.427	ng/ul	98
7) 2-Methylnaphthalene	12.24	142	13206	0.923	ng/ul	99
8) 1-Methylnaphthalene	12.46	142	8344	0.600	ng/ul	99
10) Acenaphthylene	14.14	152	141358	6.941	ng/ul	98
11) Acenaphthene	14.48	153	16868	1.022	ng/ul	98
12) Fluorene	15.46	166	87815	4.824	ng/ul	99
15) Phenanthrene	17.20	178	2831918	100.692	ng/ul	99
16) Anthracene	17.28	178	970491	39.403	ng/ul	97
19) Fluoranthene	19.21	202	5845214	176.740	ng/ul	98
20) Pyrene	19.58	202	5174211	155.585	ng/ul	99
21) Benzo(a)anthracene	21.32	228	3589075m	120.161	ng/ul	
22) Chrysene	21.37	228	2912762	87.054	ng/ul	95
24) Benzo(b)fluoranthene	22.92	252	3982511m	77.760	ng/ul	
25) Benzo(k)fluoranthene	22.95	252	1473197m	27.900	ng/ul	
26) Benzo(a)pyrene	23.50	252	3199895	73.457	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.88	276	1858599	32.753	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.88	278	479733	10.535	ng/ul	94
29) Benzo(a,h,i)perylene	26.58	276	1380918	28.009	ng/ul	95

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