

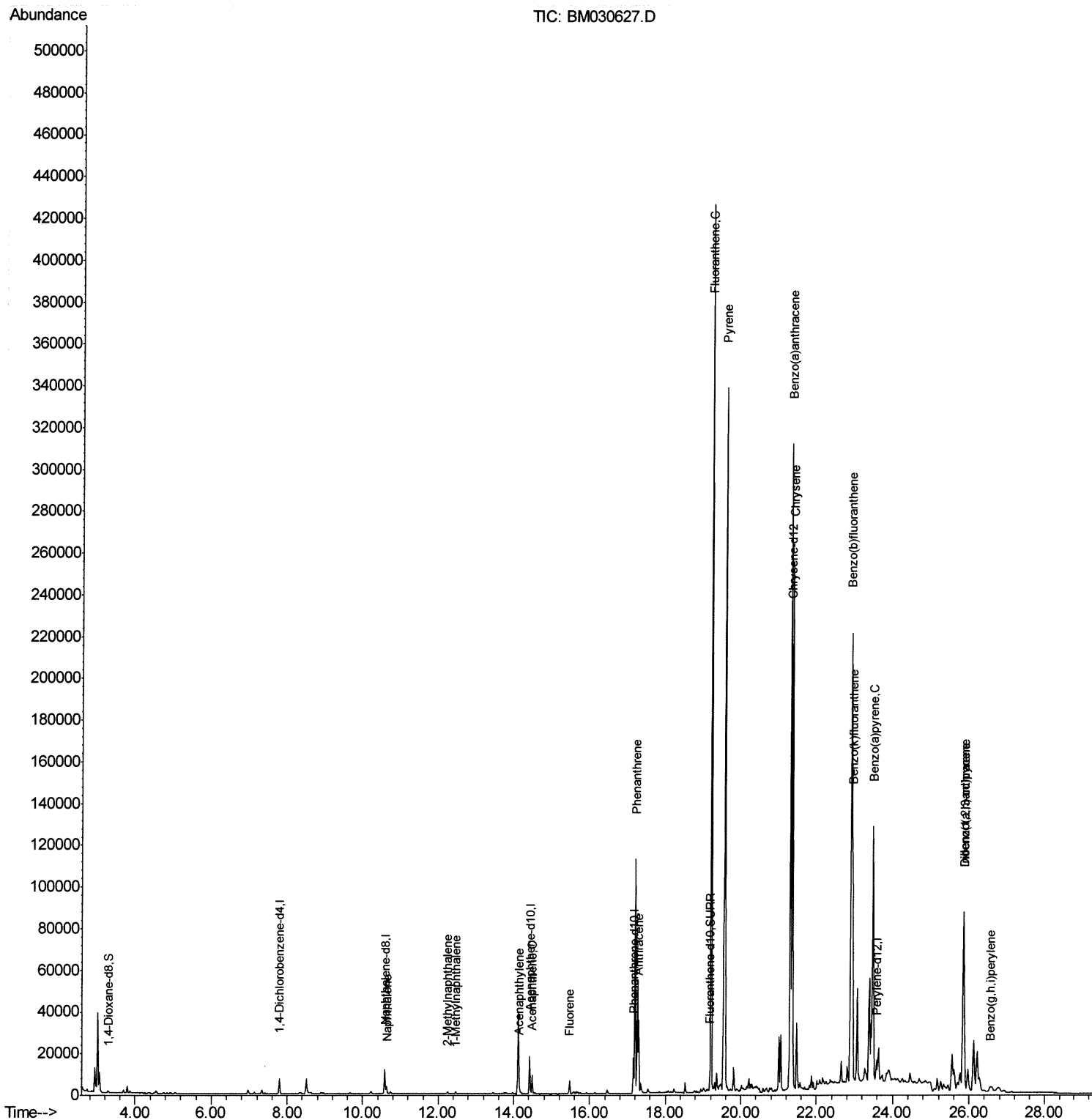
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030627.D
Acq On : 26 Jun 2021 07:53
Operator : CG/JU
Sample : M2682-12DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDD0DL

Manual Integrations
APPROVED

mohammad
6/28/2021 1:22:20 PM

Quant Time: Jun 27 02:15:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration



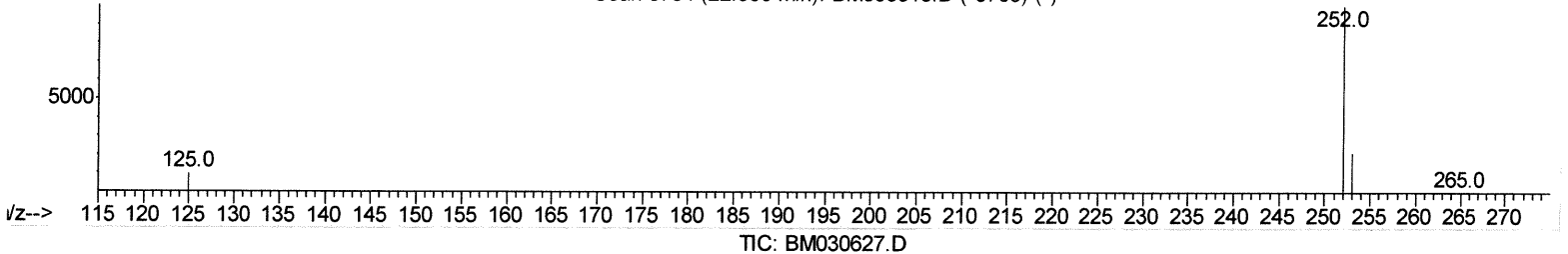
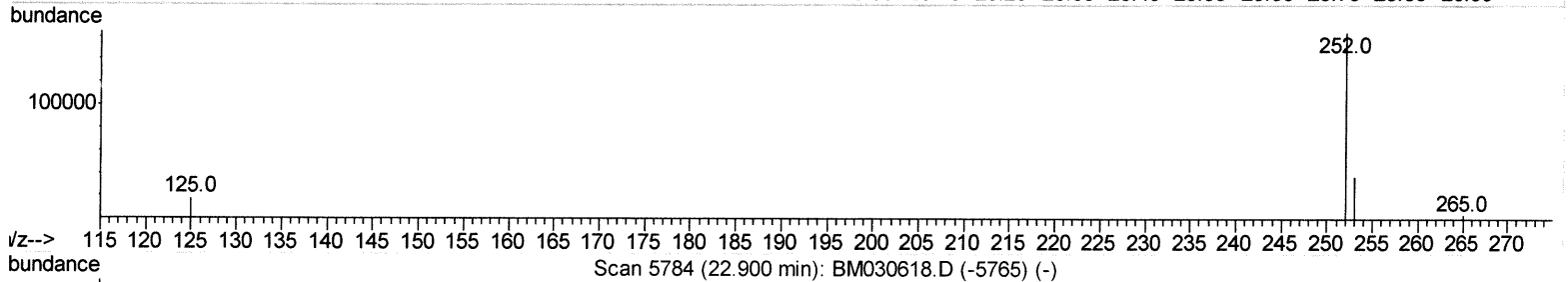
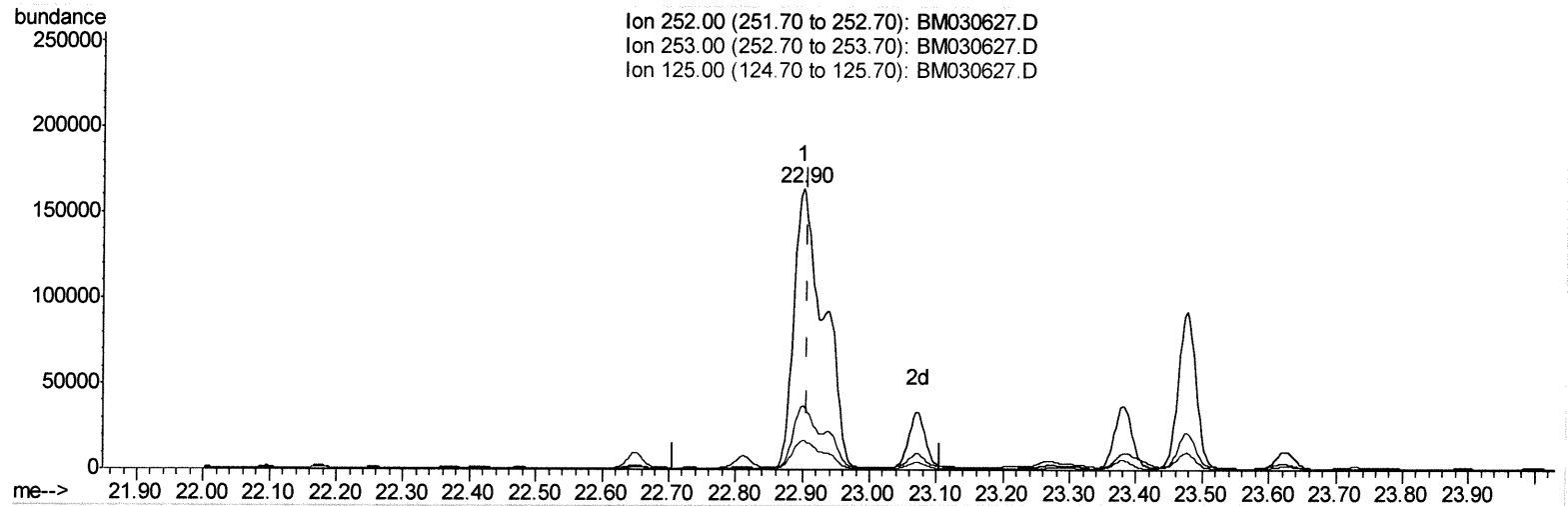
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(24) Benzo(b)fluoranthene

22.900min (-0.007) 8.55ng/ul

response 504890

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.71
125.00	13.90	10.39
0.00	0.00	0.00

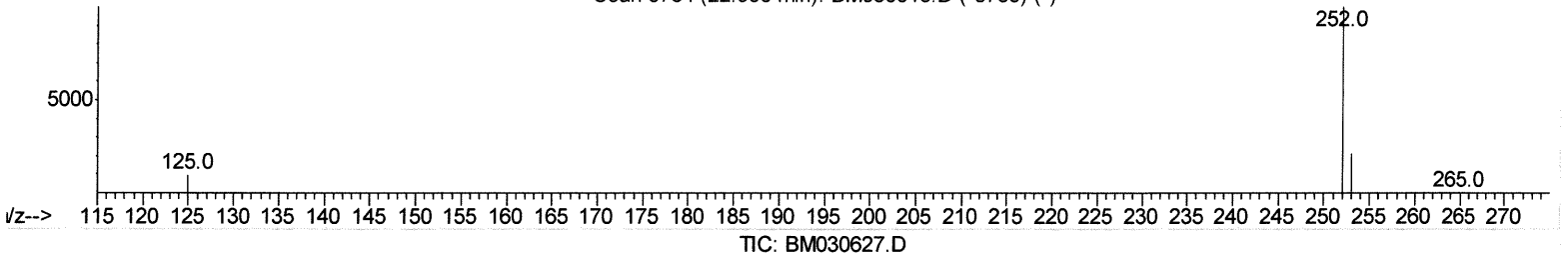
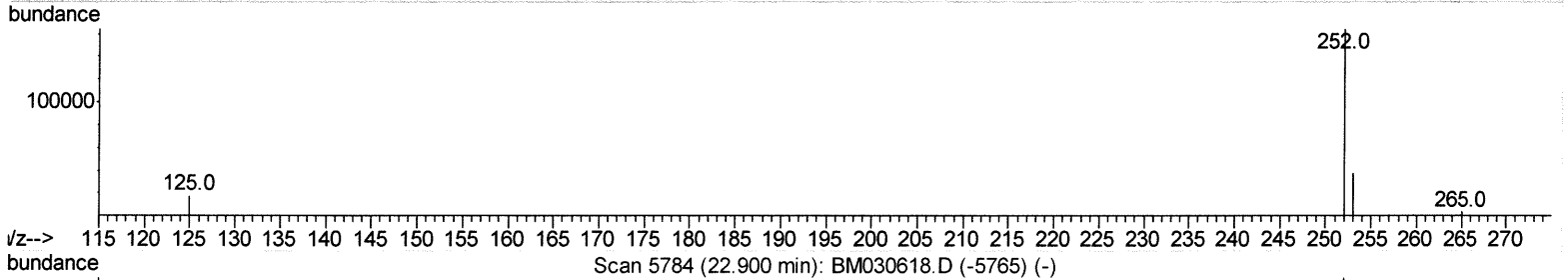
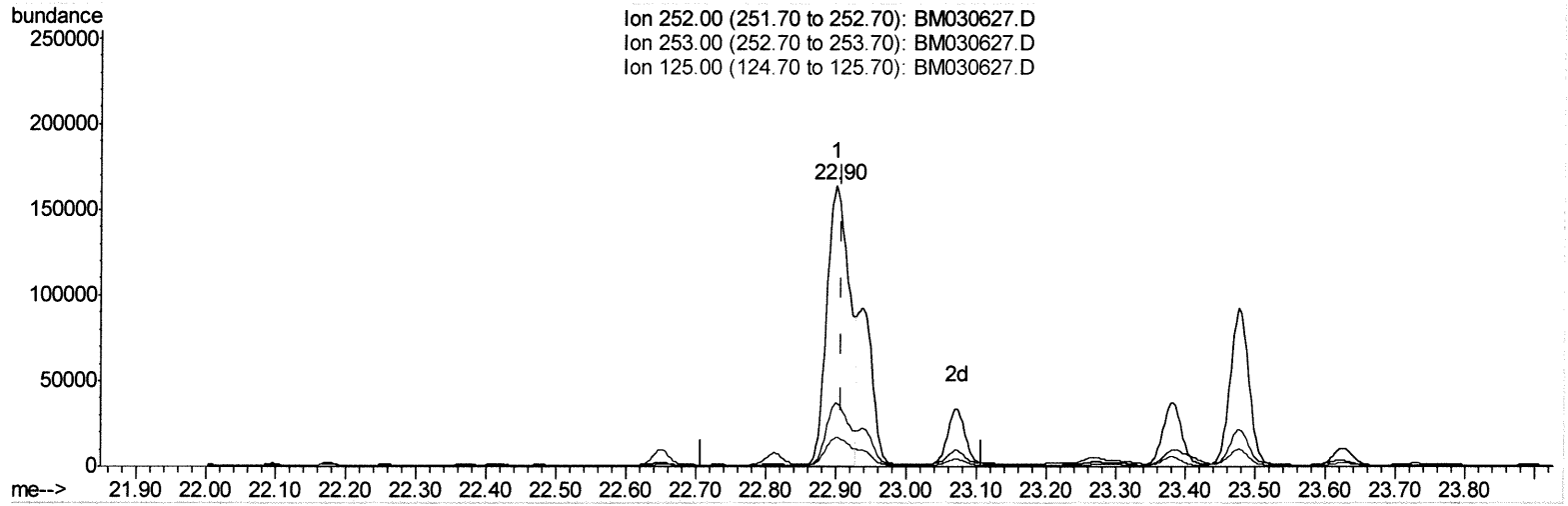
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(24) Benzo(b)fluoranthene

22.900min (-0.007) 6.08ng/ul m

response 358904

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.71
125.00	13.90	10.39
0.00	0.00	0.00

Handwritten signature and date: JU 6/28/21

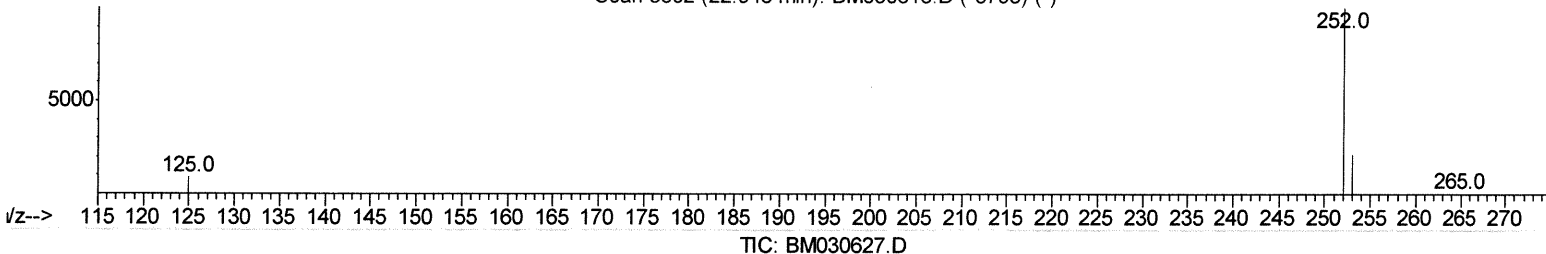
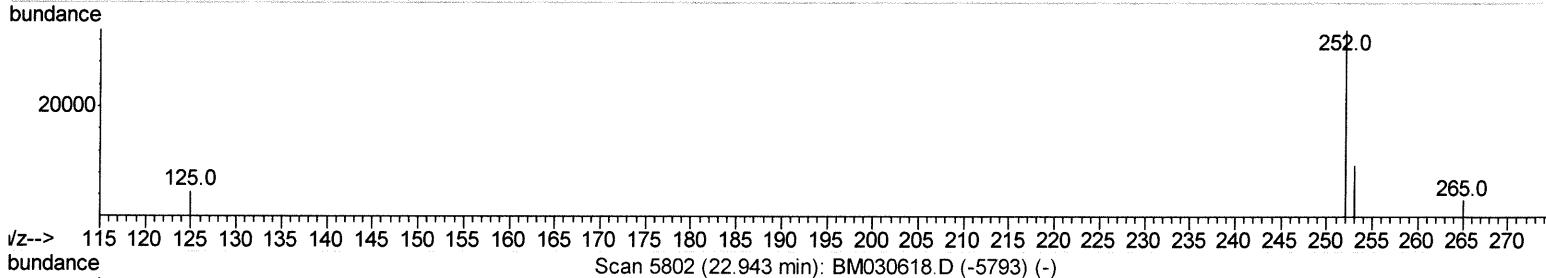
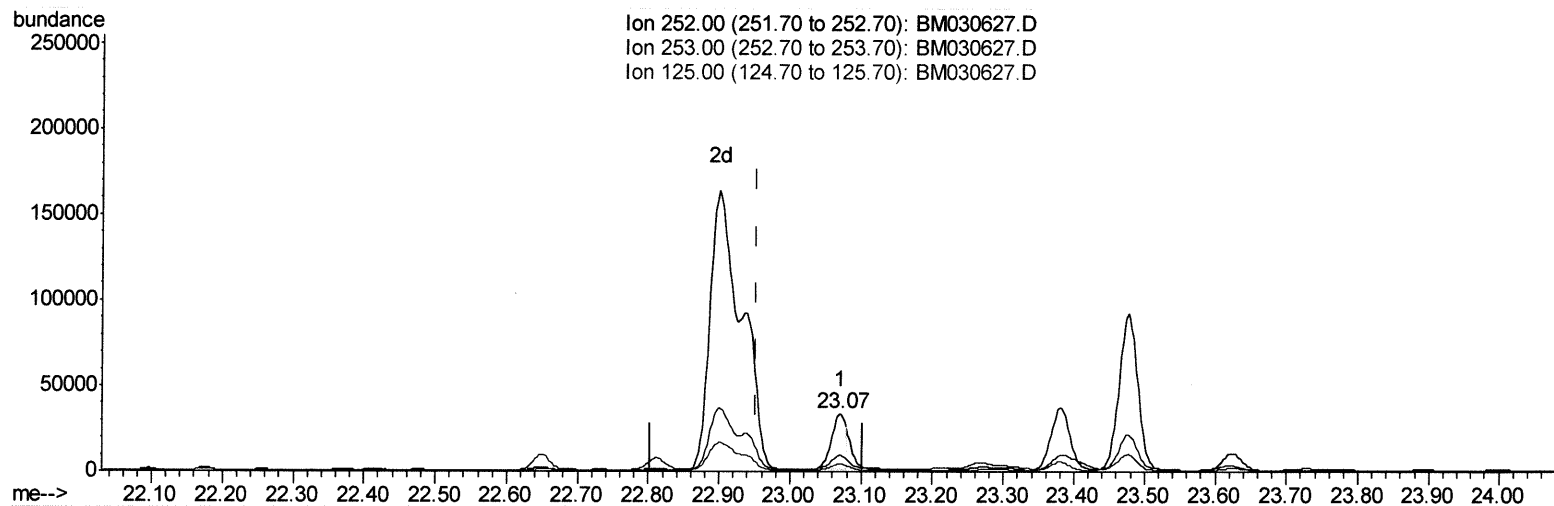
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Quant Time: Jun 27 02:14:43 2021
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(25) Benzo(k)fluoranthene

23.072min (+0.119) 0.70ng/ul

response 43463

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	28.04
125.00	13.70	13.62
0.00	0.00	0.00

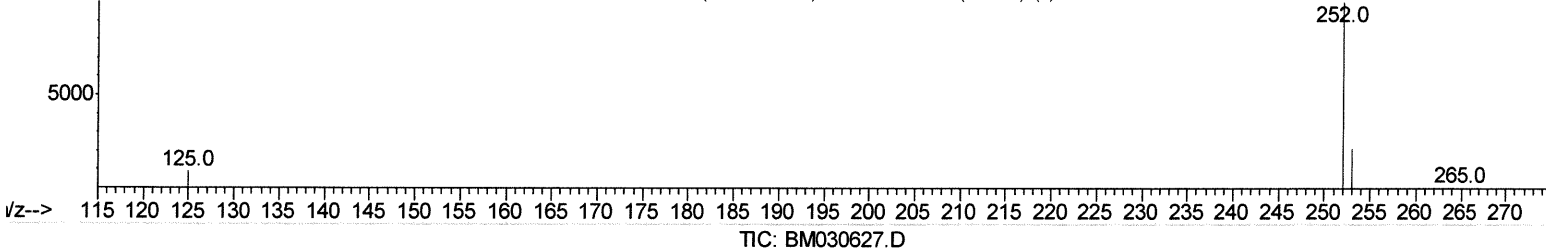
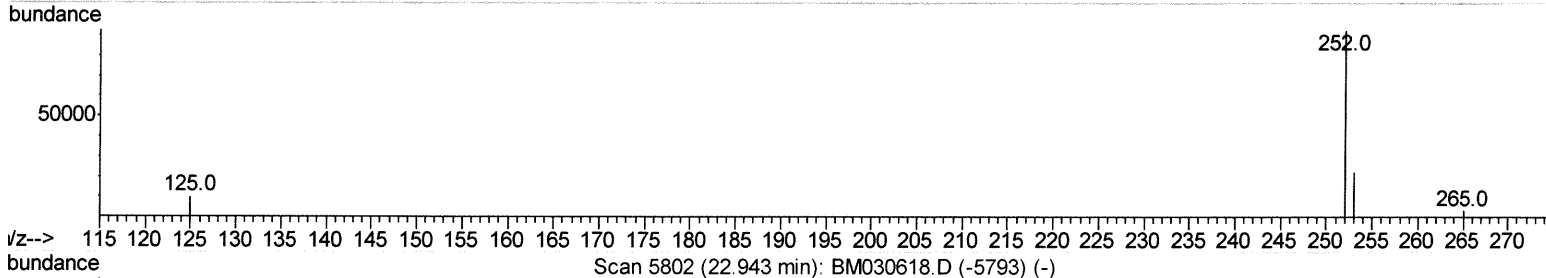
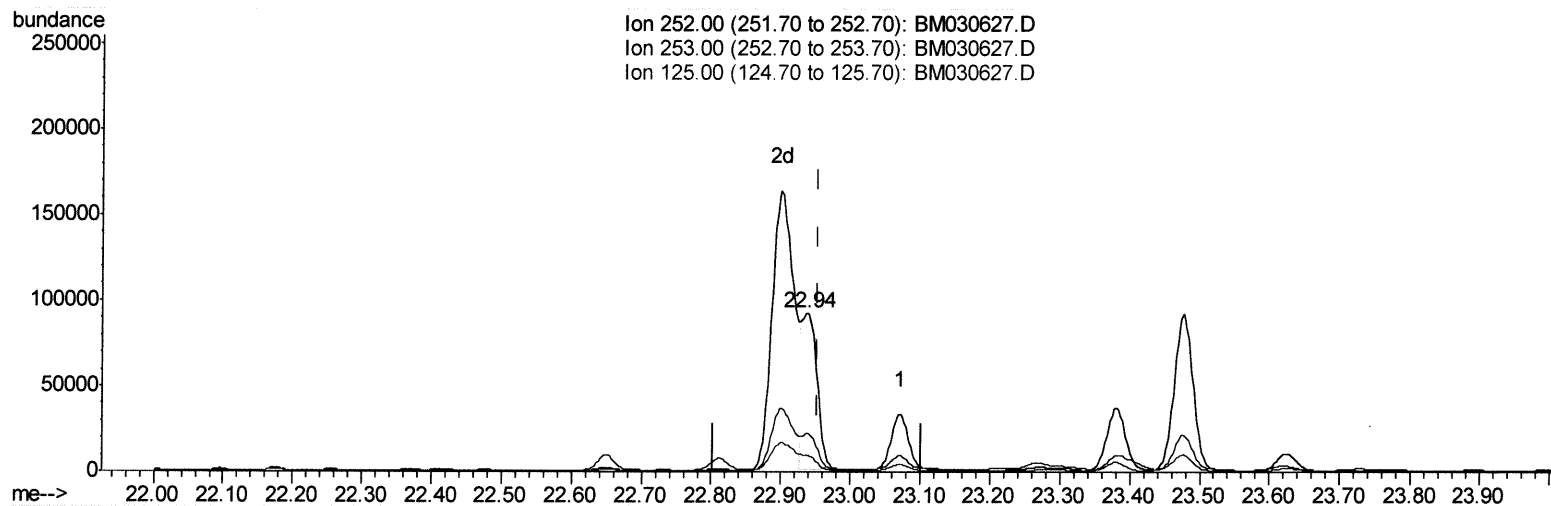
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(25) Benzo(k)fluoranthene

22.936min (-0.017) 2.30ng/ul m *JU 6/28/21*
 response 142521

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.87
125.00	13.70	10.54#
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	4031	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	16982	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	10261	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	20581	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	15610	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	13576	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	826	0.19	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	410	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	969	0.02	ng/ul	0.00
Target Compounds					Ovalue	
5) Naphthalene	10.63	128	5242	0.104	ng/ul	97
7) 2-Methylnaphthalene	12.25	142	1000	0.029	ng/ul	99
8) 1-Methylnaphthalene	12.47	142	672	0.020	ng/ul	98
10) Acenaphthylene	14.14	152	4197	0.087	ng/ul#	94
11) Acenaphthene	14.49	153	5473	0.140	ng/ul	100
12) Fluorene	15.47	166	4429	0.102	ng/ul	99
15) Phenanthrene	17.20	178	119301	1.628	ng/ul	99
16) Anthracene	17.29	178	35393	0.551	ng/ul	99
19) Fluoranthene	19.21	202	367748	5.124	ng/ul	98
20) Pyrene	19.57	202	283319	3.854	ng/ul	98
21) Benzo(a)anthracene	21.31	228	267381	4.312	ng/ul	99
22) Chrysene	21.36	228	226751	3.294	ng/ul	97
24) Benzo(b)fluoranthene	22.90	252	358904m	6.077	ng/ul	97
25) Benzo(k)fluoranthene	22.94	252	142521m	2.301	ng/ul	97
26) Benzo(a)pyrene	23.48	252	170424	3.252	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.85	276	133281	2.000	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.86	278	40182	0.756	ng/ul	98
29) Benzo(a,h,i)perylene	26.56	276	6822	0.118	ng/ul#	81

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

→ m 6/30/21