

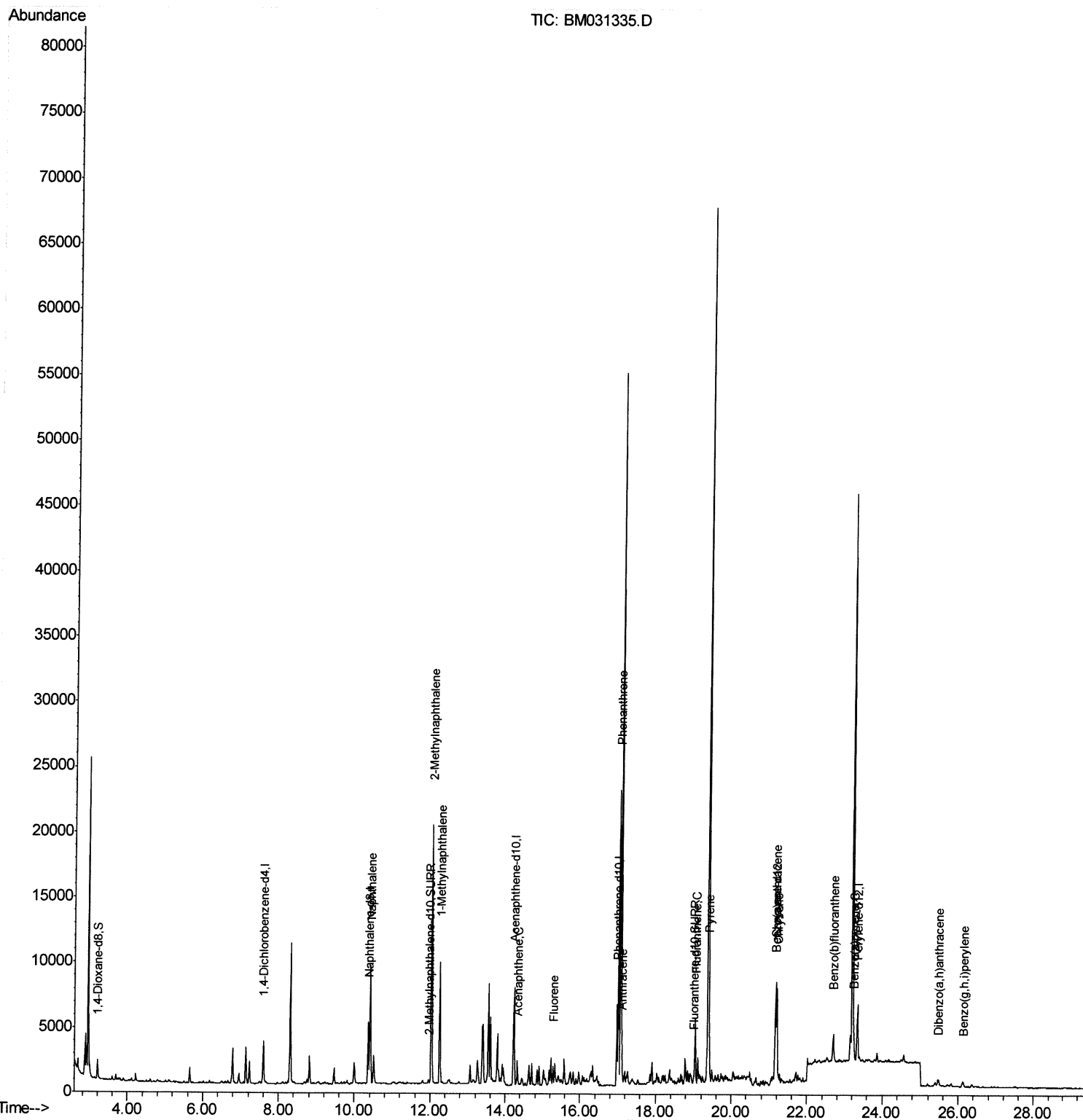
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031335.D
Acq On : 01 Aug 2021 05:52
Operator : CG/JU
Sample : M3091-09DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0047DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:44 PM

Quant Time: Aug 02 04:33:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration



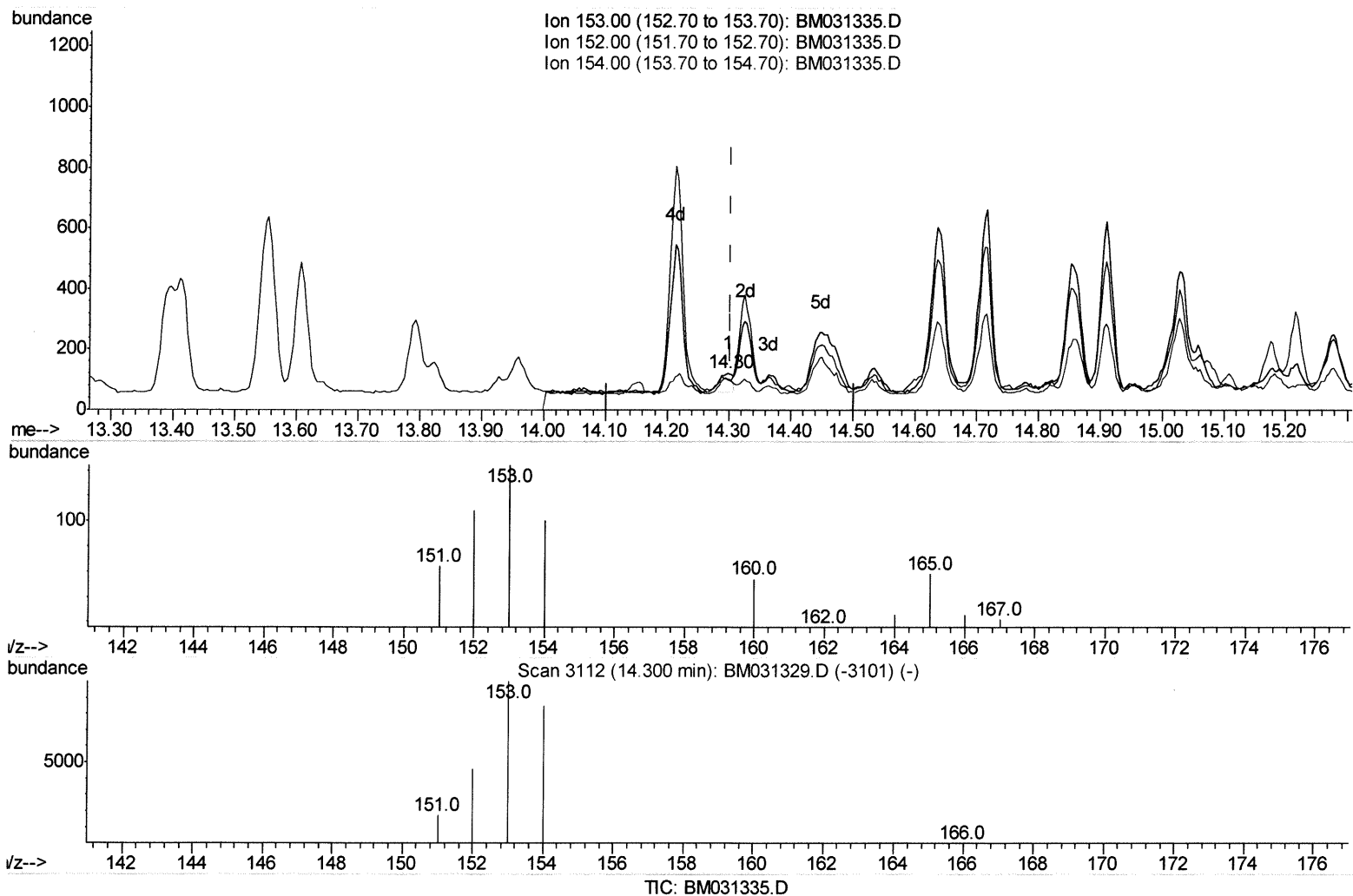
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(11) Acenaphthene (C)

14.300min (-0.003) 0.01ng/ui

response 99

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	85.25#
154.00	87.70	81.97
0.00	0.00	0.00

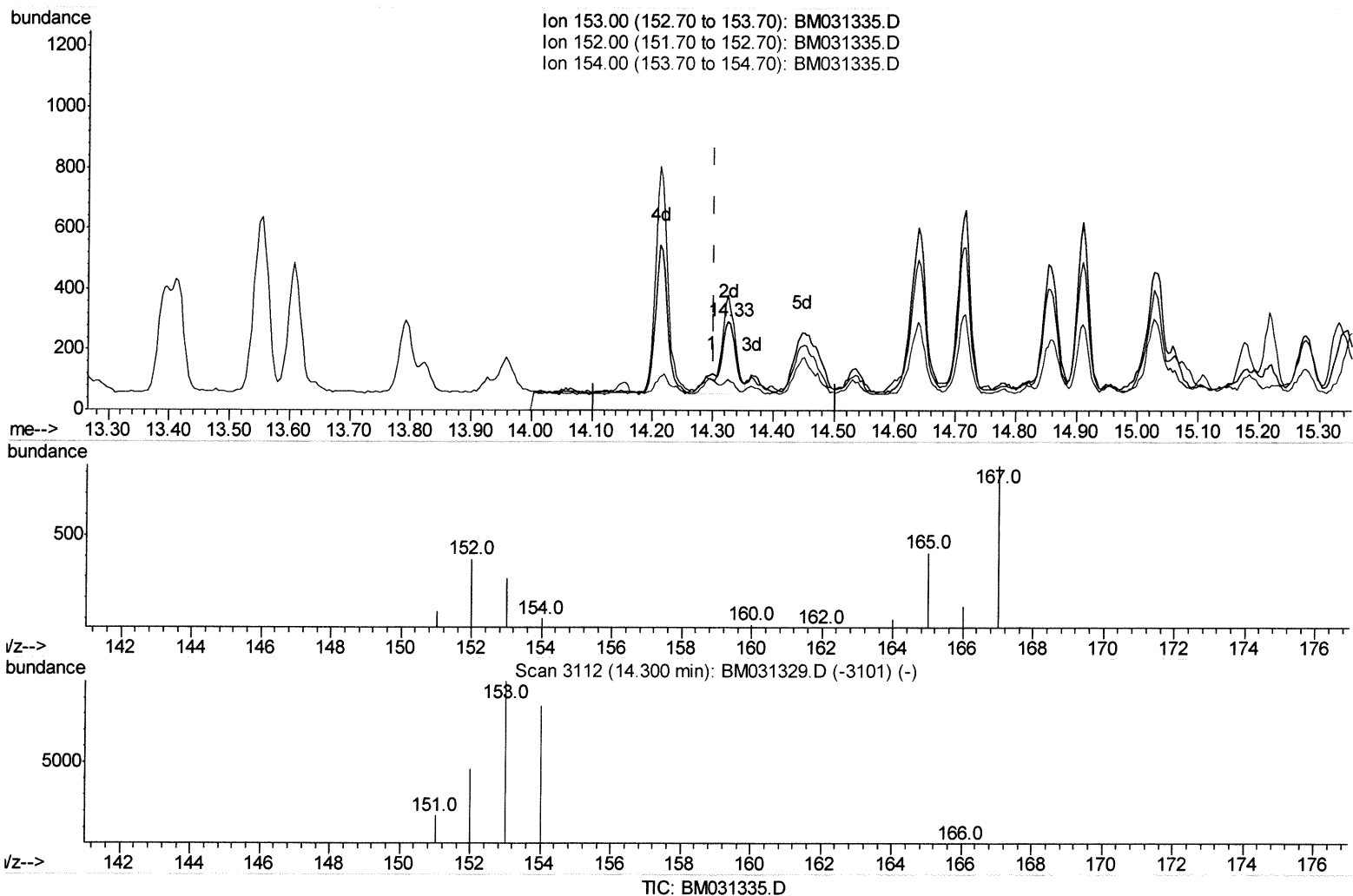
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(11) Acenaphthene (C)

14.326min (+0.023) 0.03ng/ul m

response 452

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	129.93#
154.00	87.70	34.35#
0.00	0.00	0.00

ju 8/2/21

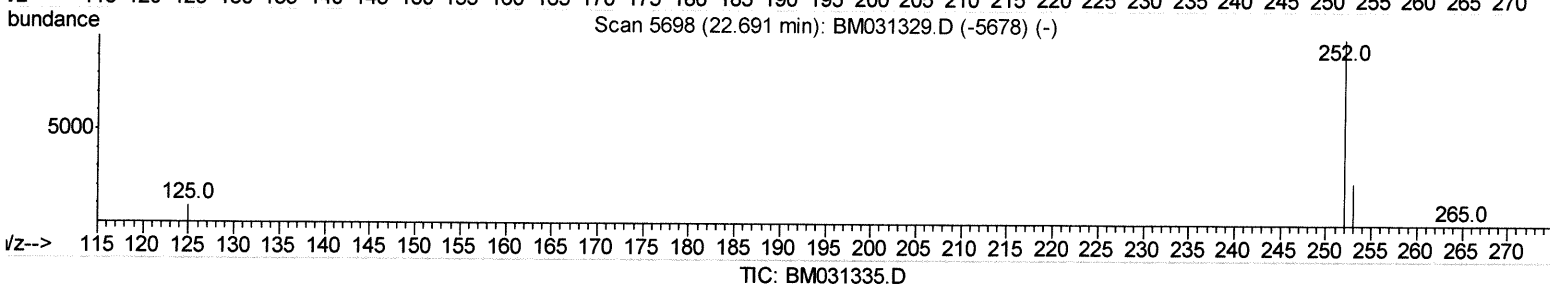
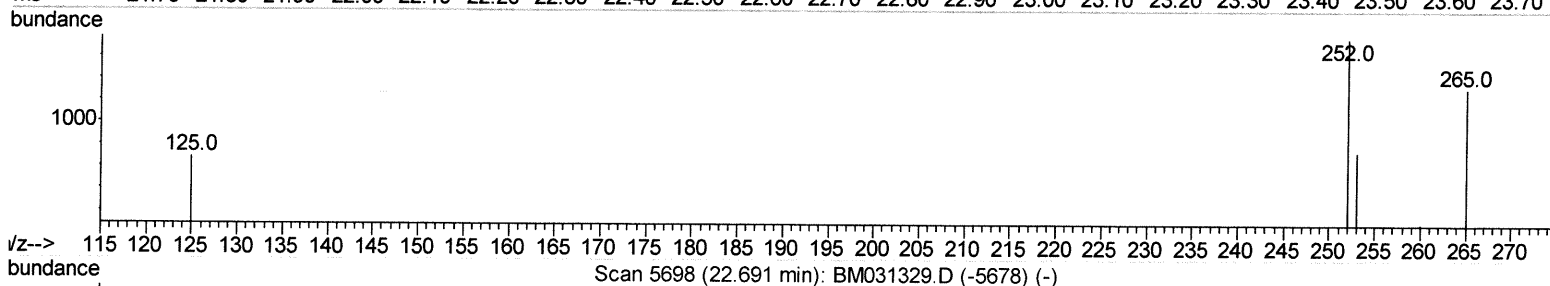
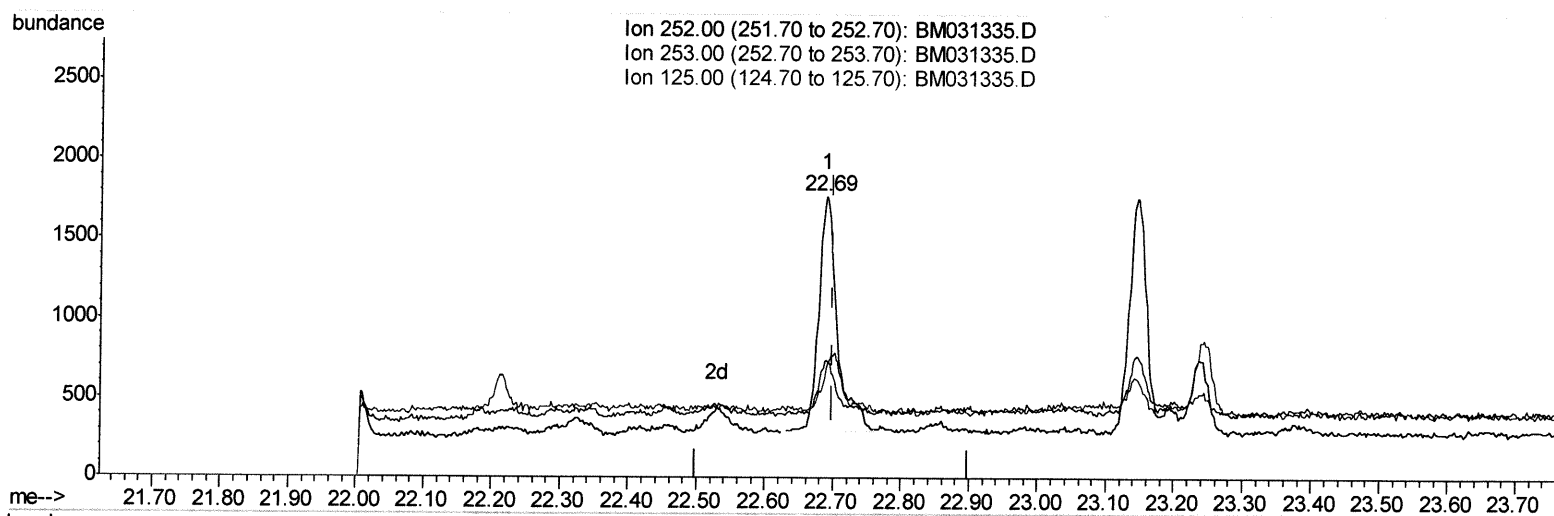
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Quant Time: Aug 02 04:31:26 2021
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(24) Benzo(b)fluoranthene

22.689min (-0.009) 0.12ng/ul

response 2877

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	41.80
125.00	11.40	38.52#
0.00	0.00	0.00

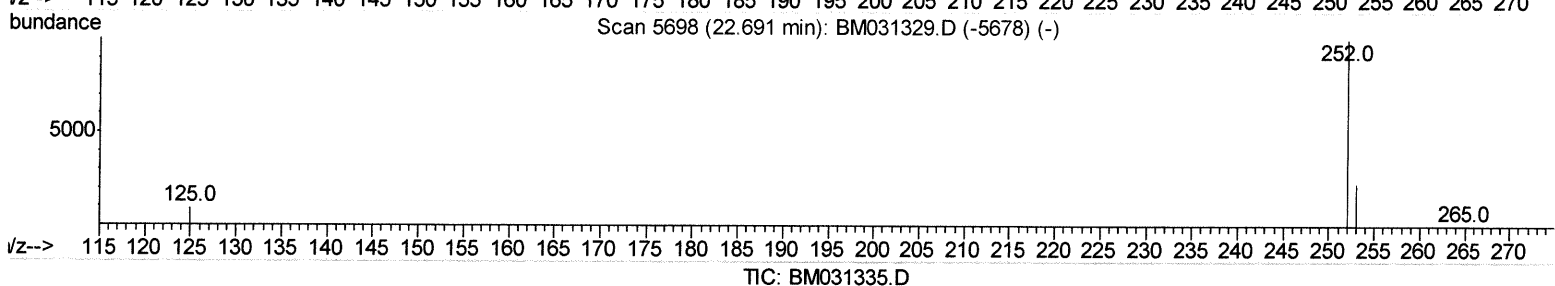
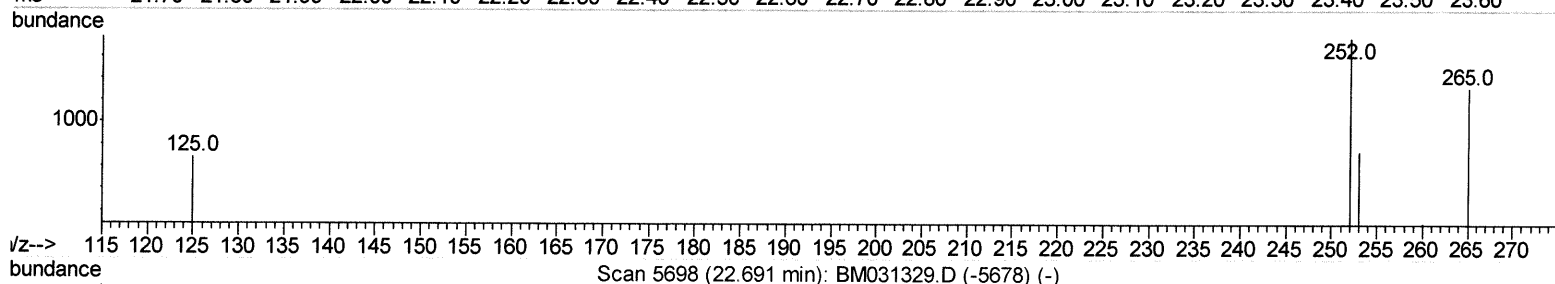
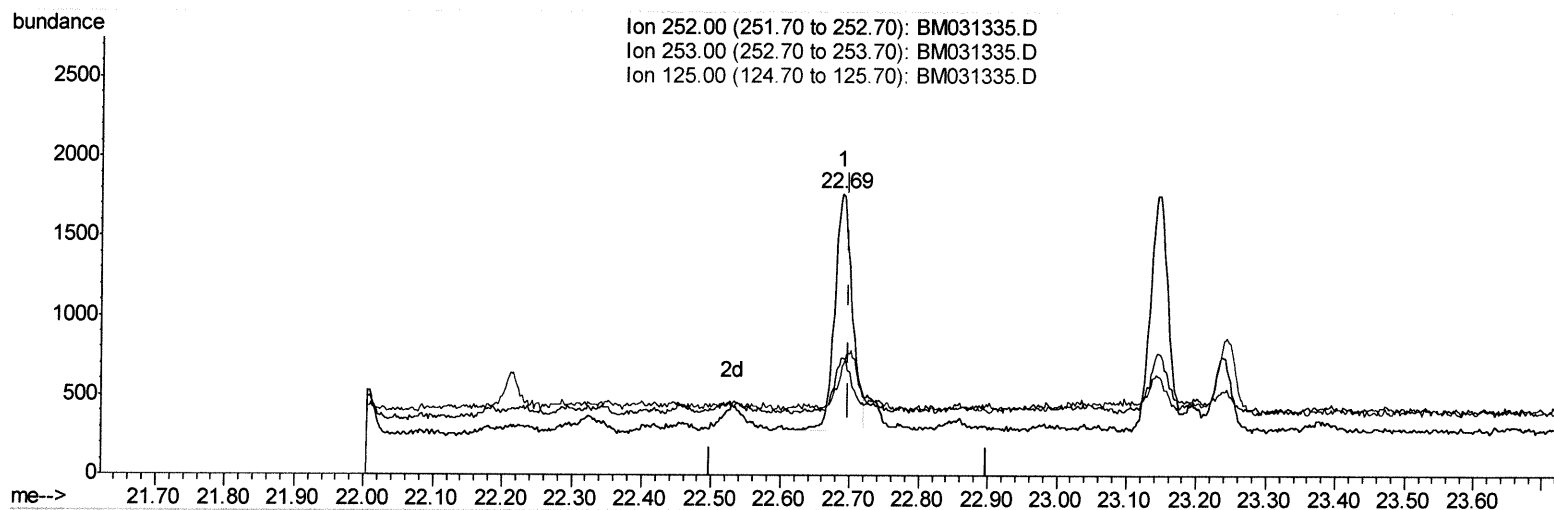
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(24) Benzo(b)fluoranthene

22.689min (-0.009) 0.11ng/ul m

response 2632

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	41.80
125.00	11.40	38.52#
0.00	0.00	0.00

Handwritten: JU 8/3/21

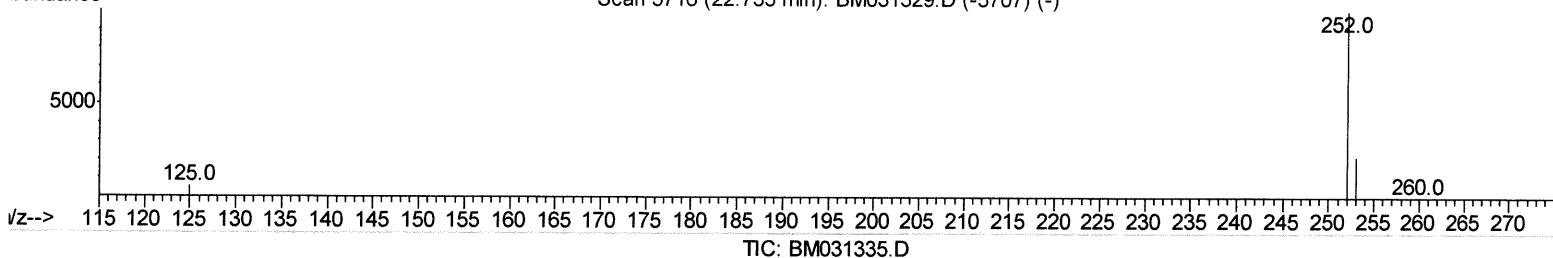
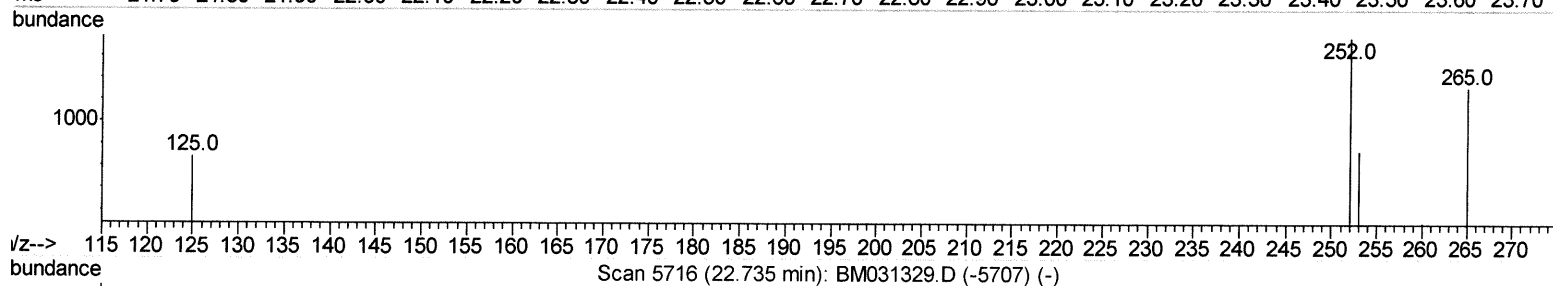
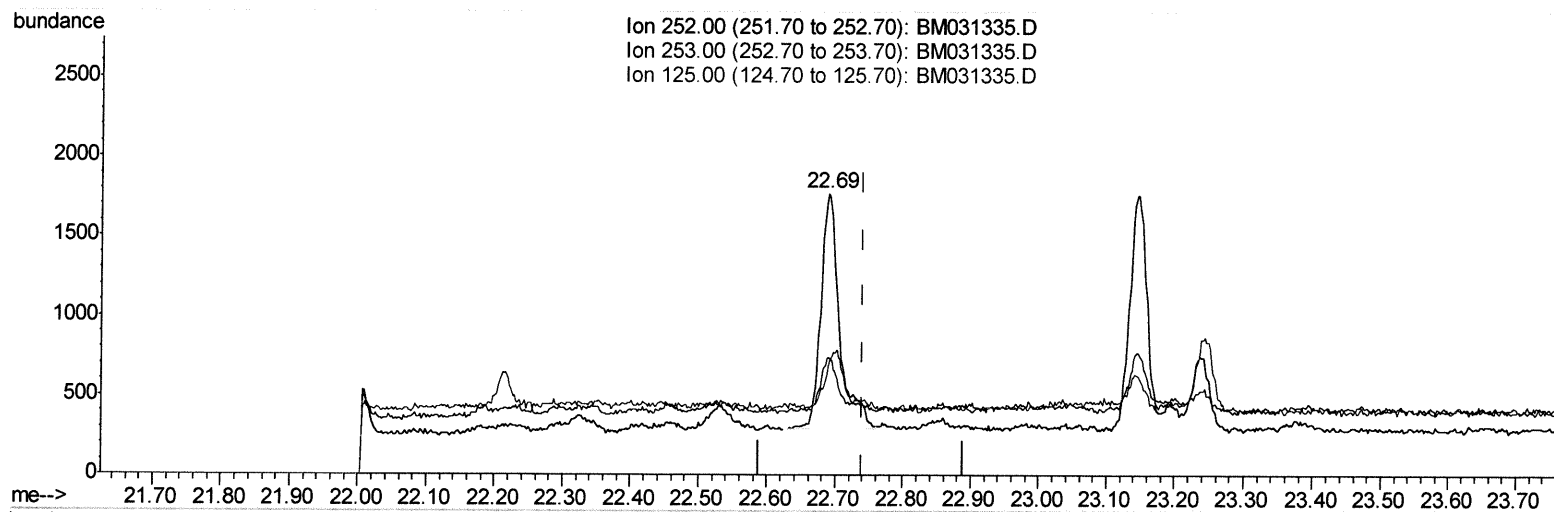
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(25) Benzo(k)fluoranthene

22.689min (-0.050) 0.12ng/ul

response 2877

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	41.80#
125.00	11.00	38.52#
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	7.60	152	1573	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6066	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3744	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	7157	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5471	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	5187	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	969	0.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	379	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	788	0.04	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.41	128	12396	0.686	ng/ul	98
7) 2-Methylnaphthalene	12.03	142	13931	1.129	ng/ul	100
8) 1-Methylnaphthalene	12.25	142	6385	0.523	ng/ul	99
11) Acenaphthene	14.33	153	452m	0.034	ng/ul	62
12) Fluorene	15.29	166	533	0.035	ng/ul#	62
15) Phenanthrene	17.02	178	23348	1.027	ng/ul	98
16) Anthracene	17.11	178	1183	0.056	ng/ul#	85
19) Fluoranthene	19.05	202	4618	0.198	ng/ul#	90
20) Pyrene	19.41	202	4592	0.194	ng/ul#	89
21) Benzo(a)anthracene	21.15	228	2280	0.103	ng/ul#	74
22) Chrysene	21.20	228	8326	0.364	ng/ul#	92
24) Benzo(b)fluoranthene	22.69	252	2632m	0.113	ng/ul	1
26) Benzo(a)pyrene	23.24	252	841	0.041	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.48	278	475	0.022	ng/ul#	1
29) Benzo(a,h,i)perylene	26.12	276	848	0.038	ng/ul#	54

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