

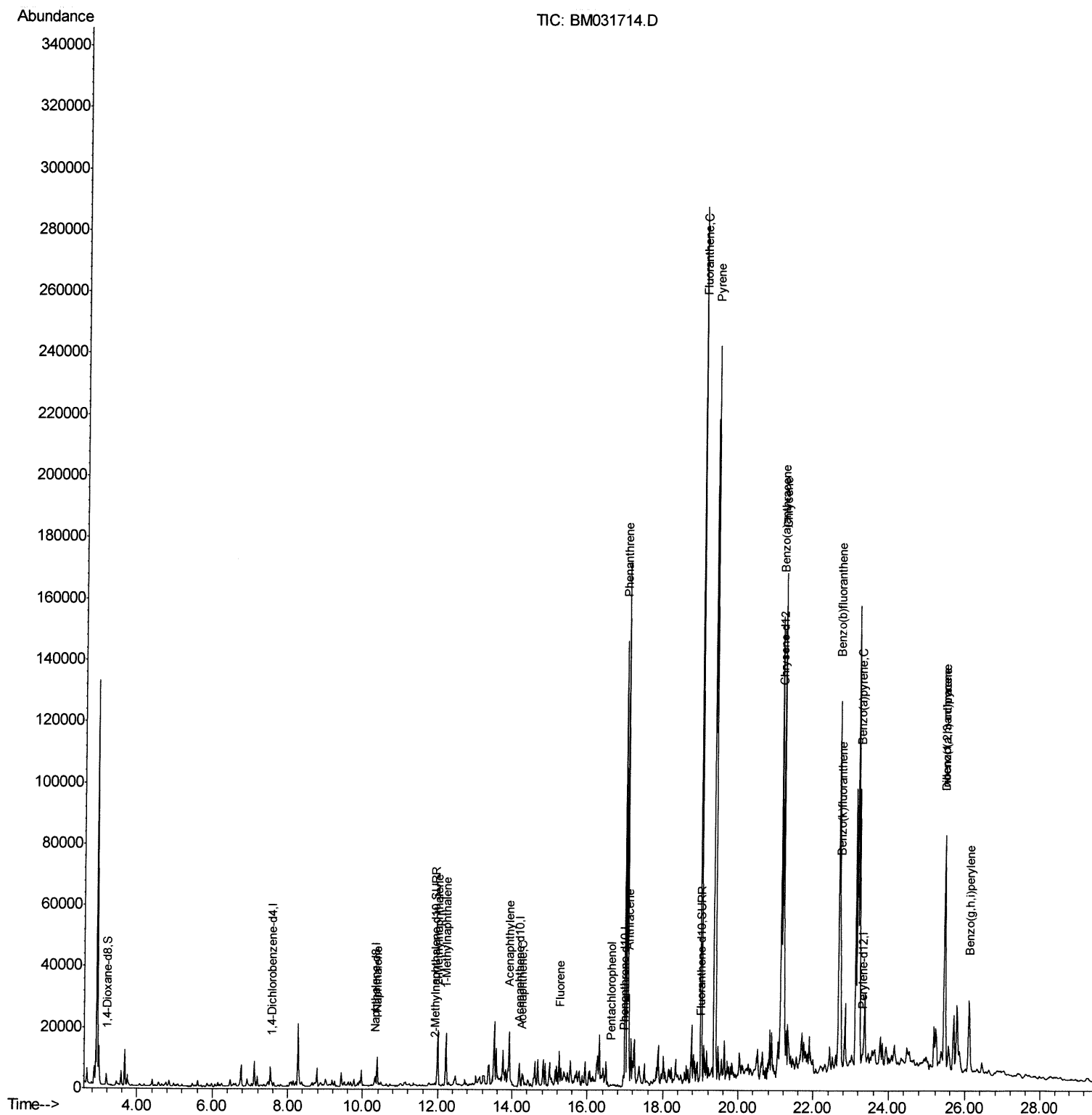
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031714.D
Acq On : 13 Aug 2021 14:31
Operator : CG/JU
Sample : M3208-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00E8

Manual Integrations
APPROVED

mohammad
8/16/2021 8:39:54 AM

Quant Time: Aug 13 15:09:38 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration



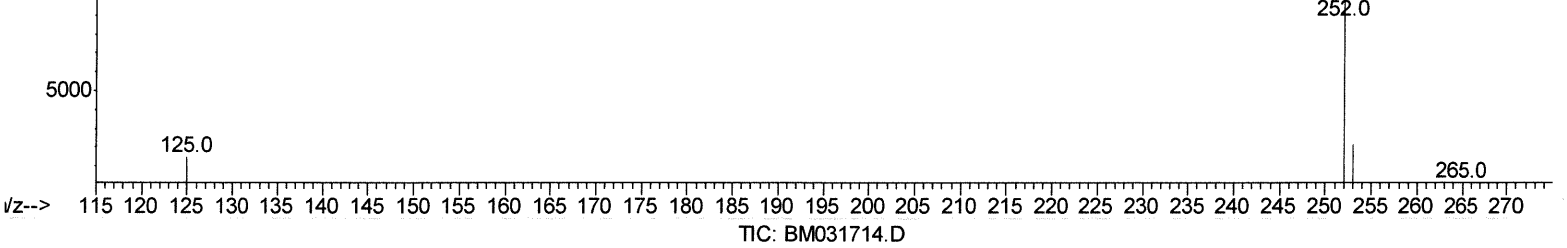
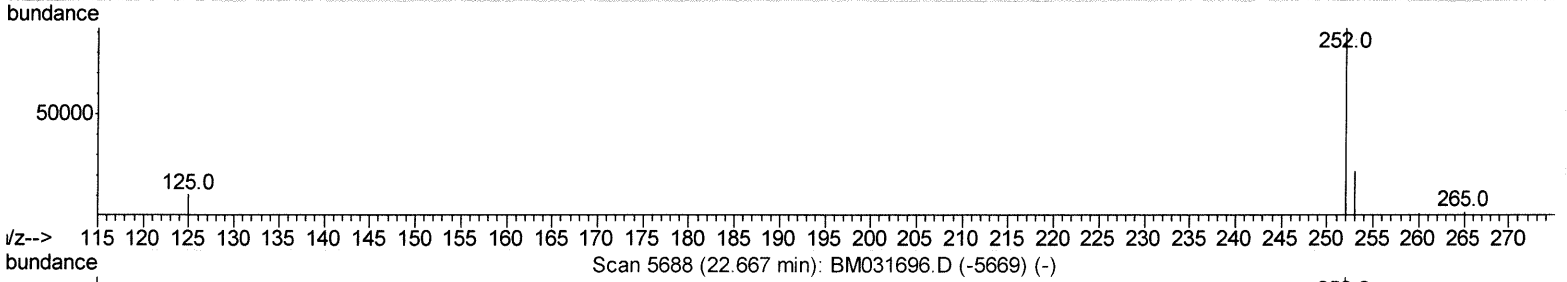
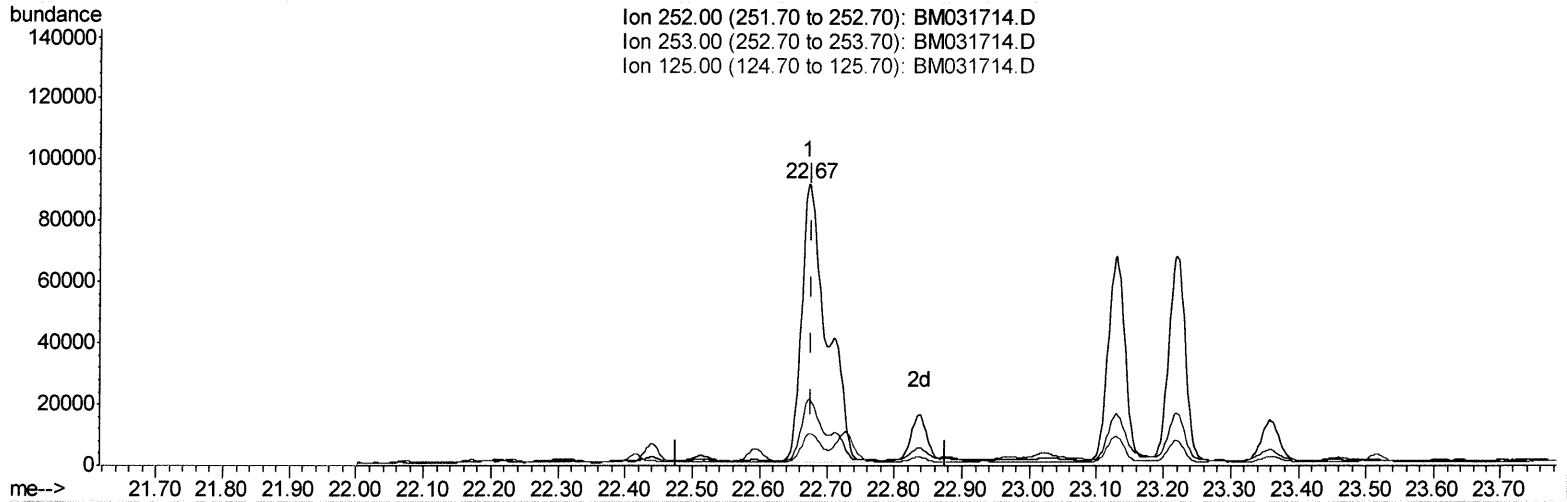
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(24) Benzo(b)fluoranthene
 22.672min (-0.005) 10.64ng/ul
 response 235432

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.45
125.00	11.40	11.28
0.00	0.00	0.00

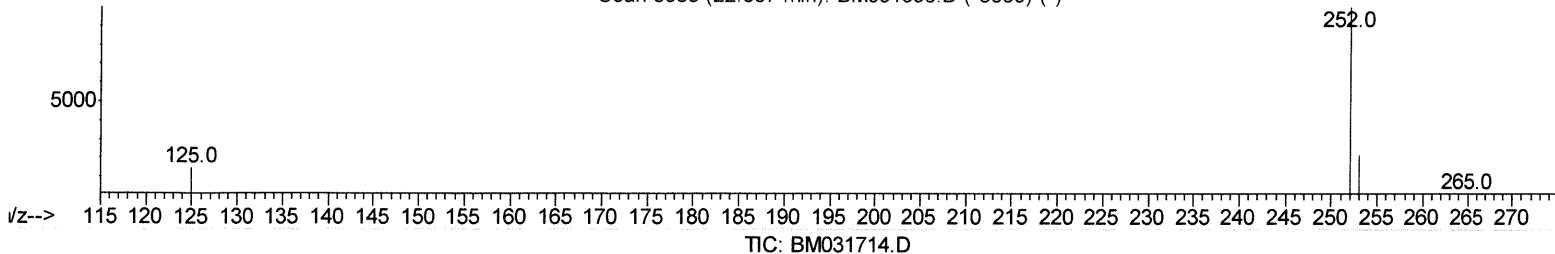
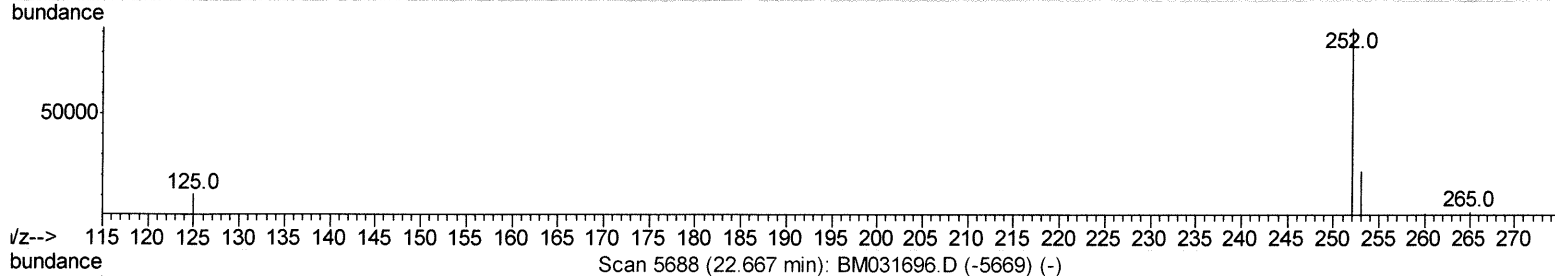
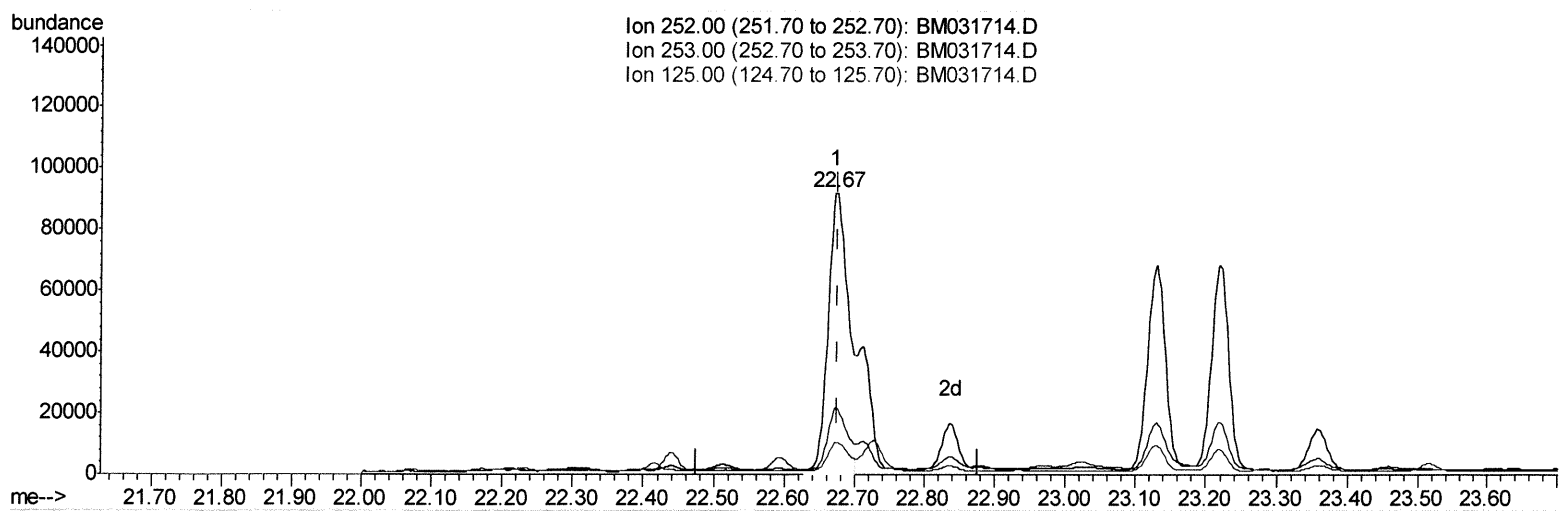
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(24) Benzo(b)fluoranthene

22.672min (-0.005) 8.38ng/ul m

response 185394

JU 8/16/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	23.45
125.00	11.40	11.28
0.00	0.00	0.00

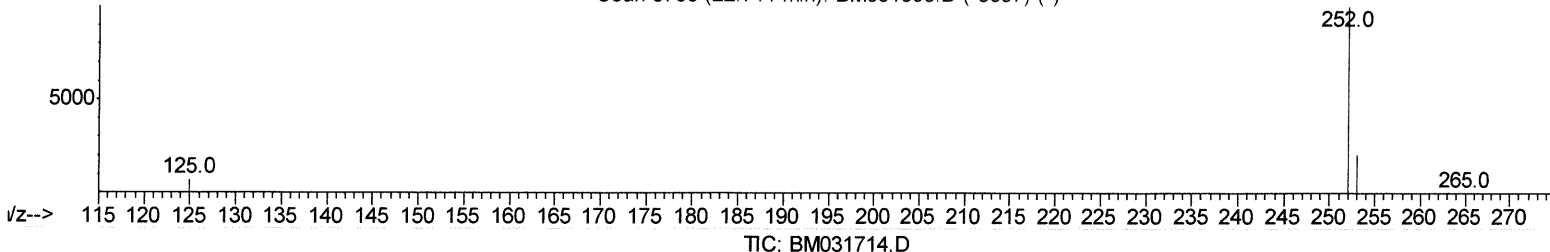
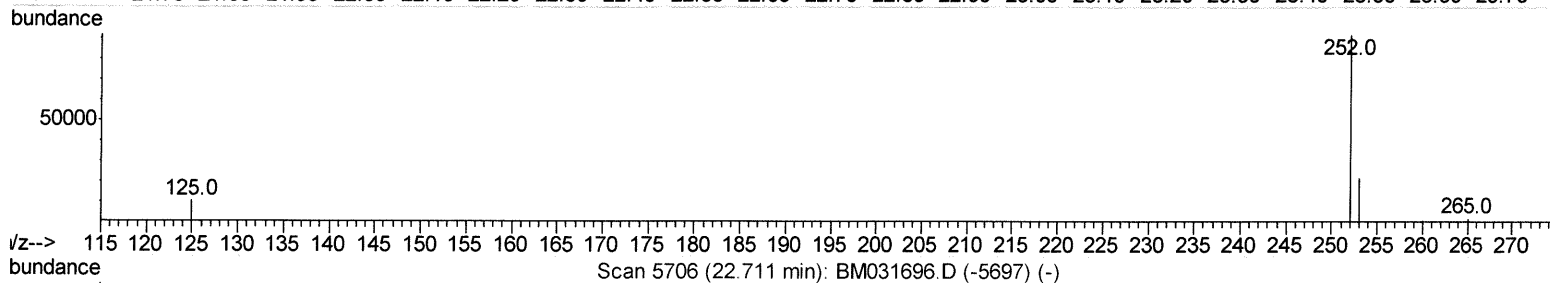
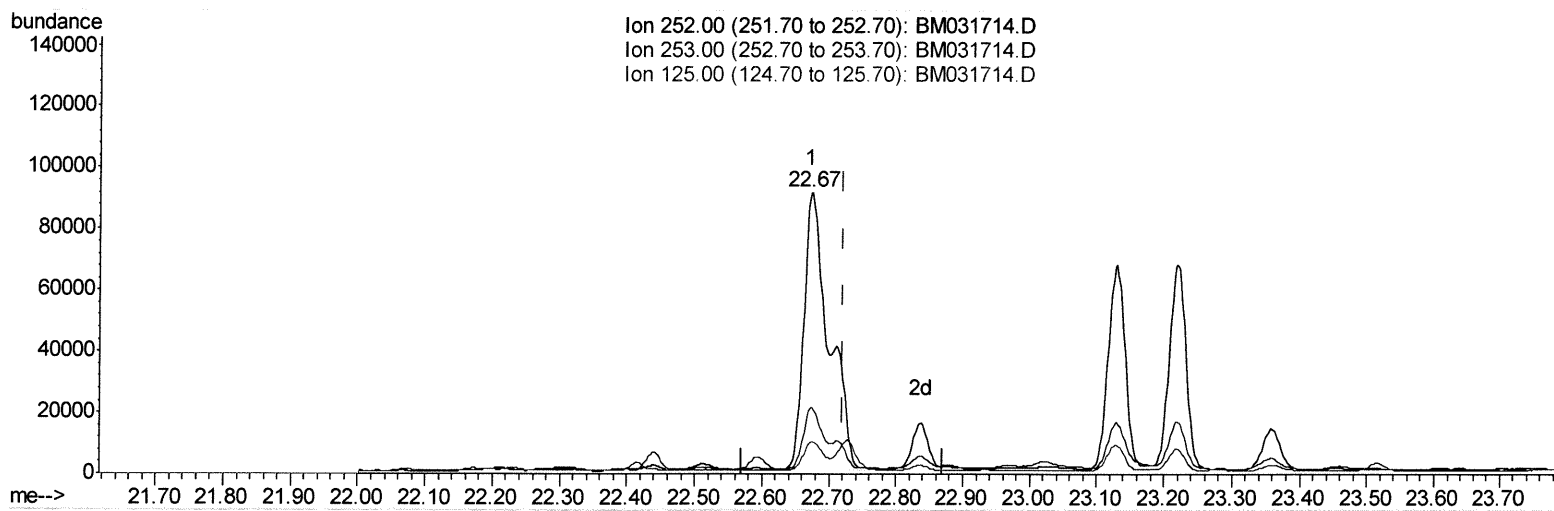
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(25) Benzo(k)fluoranthene

22.672min (-0.048) 10.30ng/ul

response 235432

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.45
125.00	11.00	11.28
0.00	0.00	0.00

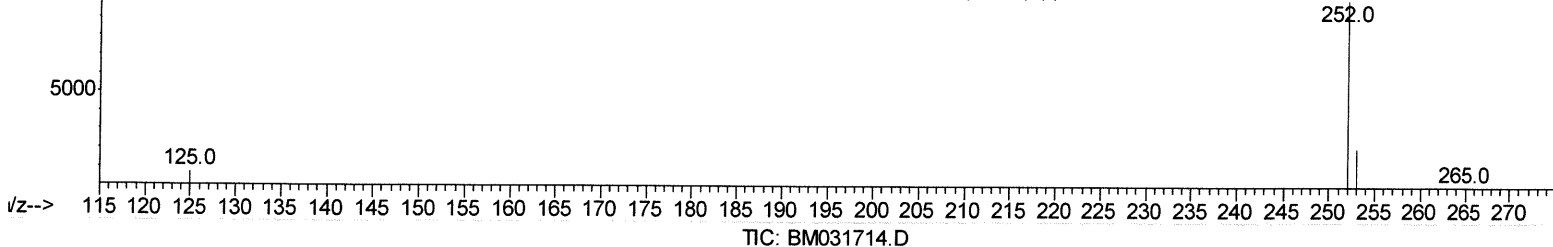
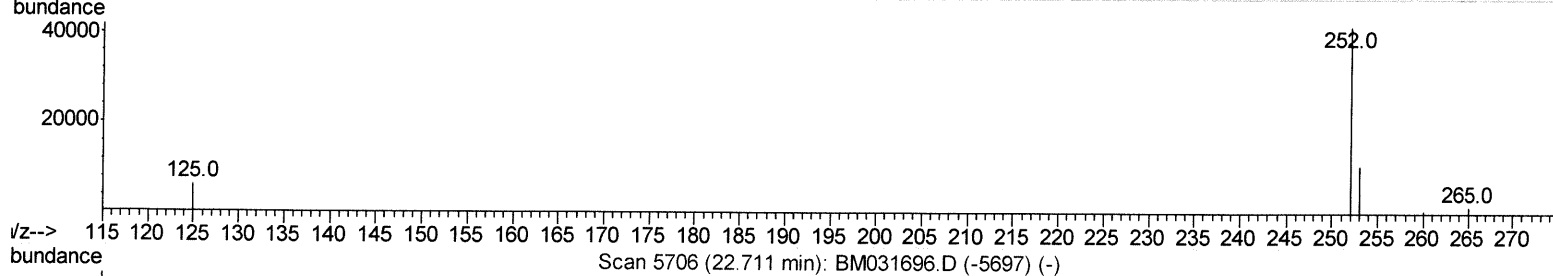
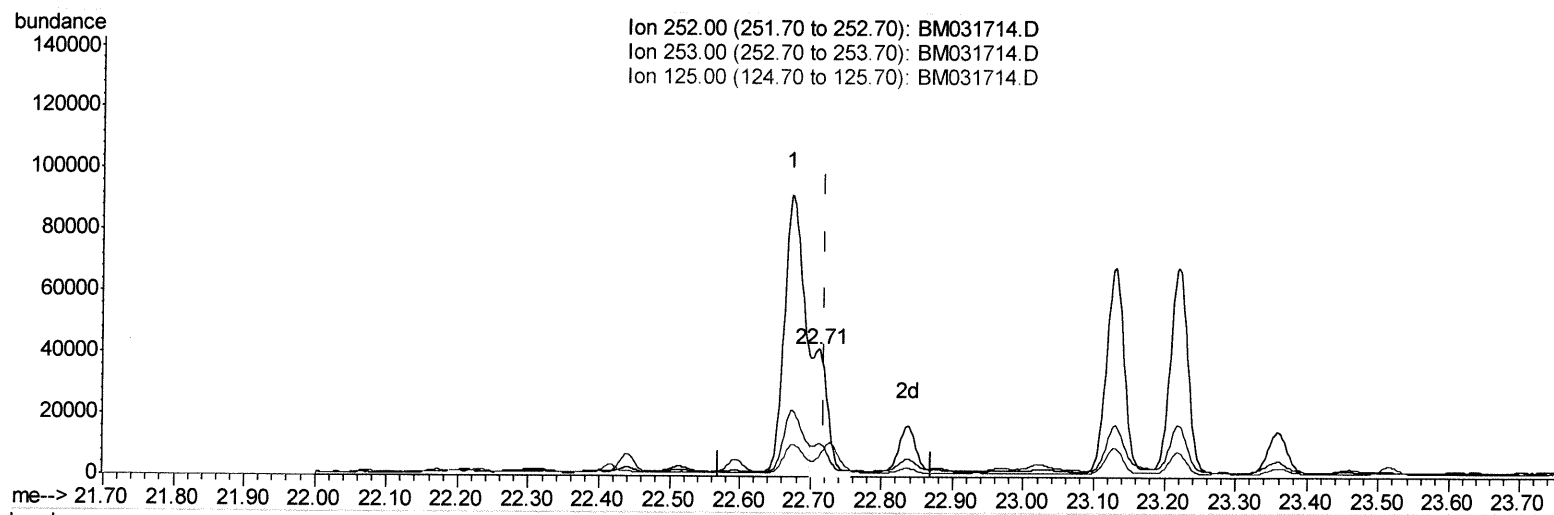
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(25) Benzo(k)fluoranthene

22.711min (-0.009) 2.91ng/ul m

response 66490

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.20
125.00	11.00	15.42#
0.00	0.00	0.00

JU 8/16/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	952	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	3528	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2351	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4536	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3845	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4912	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	2496	2.36	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1032	0.17	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	2580	0.20	ng/ul	-0.01
Target Compounds						
					Ovalue	
5) Naphthalene	10.37	128	12346	1.175	ng/ul	99
7) 2-Methylnaphthalene	11.99	142	12094	1.684	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	11670	1.645	ng/ul	99
10) Acenaphthylene	13.92	152	20563	2.054	ng/ul	99
11) Acenaphthene	14.26	153	3324	0.394	ng/ul	95
12) Fluorene	15.25	166	4973	0.513	ng/ul#	78
14) Pentachlorophenol	16.61	266	38	0.026	ng/ul	93
15) Phenanthrene	16.99	178	151118	10.492	ng/ul	97
16) Anthracene	17.09	178	29786	2.209	ng/ul	99
19) Fluoranthene	19.02	202	241895	14.733	ng/ul	96
20) Pyrene	19.38	202	200901	12.064	ng/ul	97
21) Benzo(a)anthracene	21.14	228	126245	8.131	ng/ul#	91
22) Chrysene	21.19	228	172089	10.713	ng/ul#	94
24) Benzo(b)fluoranthene	22.67	252	185394m	8.377	ng/ul	} — 74 8/16/21
25) Benzo(k)fluoranthene	22.71	252	66490m	2.908	ng/ul	
26) Benzo(a)pyrene	23.22	252	116212	5.996	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.45	276	105372	4.206	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.45	278	40453	2.003	ng/ul#	81
29) Benzo(a,h,i)perylene	26.10	276	47359	2.216	ng/ul#	94

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