

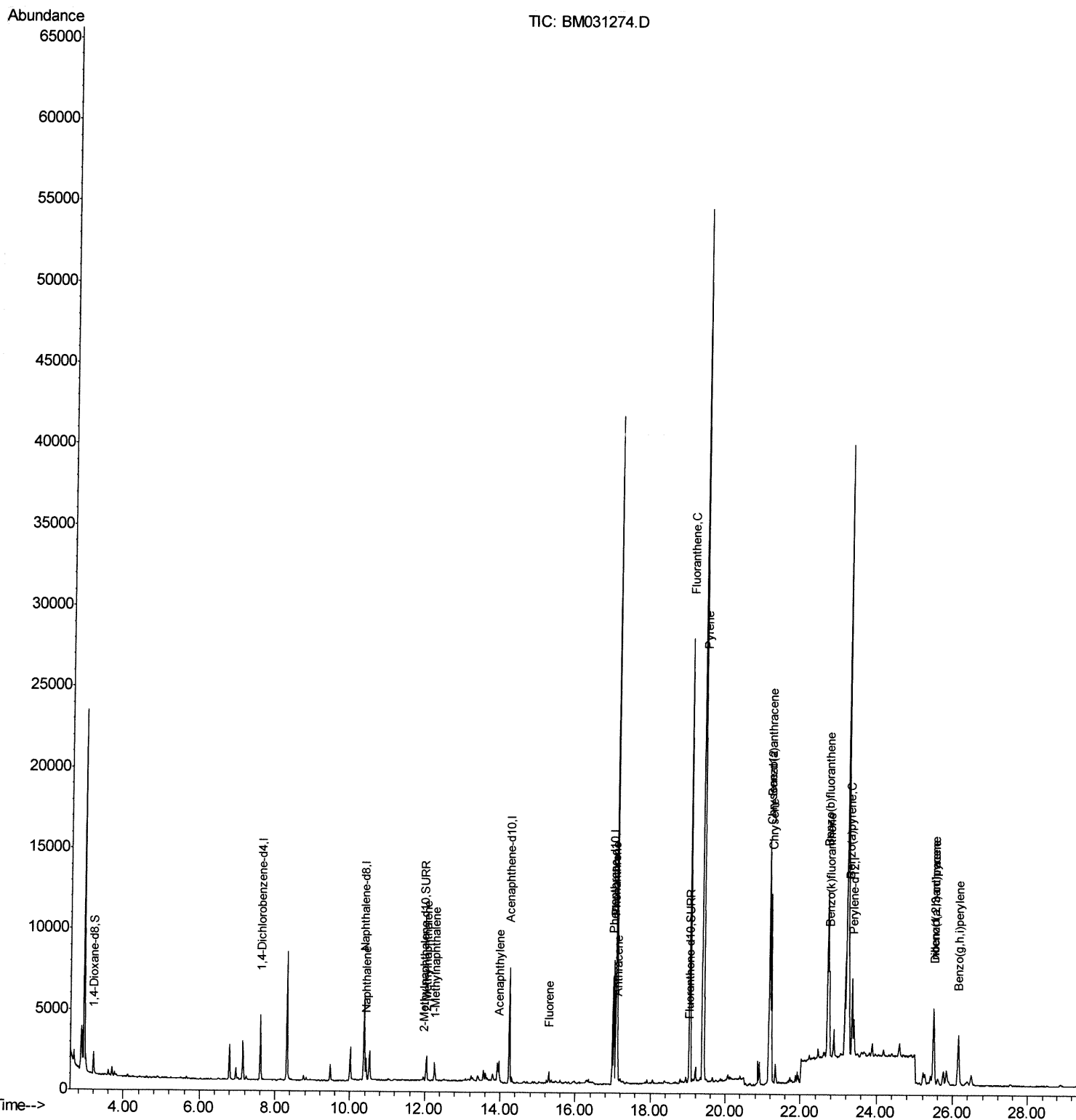
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031274.D
Acq On : 30 Jul 2021 11:52
Operator : CG/JU
Sample : M3084-03DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0023DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:39:55 PM

Quant Time: Jul 30 12:27:41 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 09:57:24 2021
Response via : Initial Calibration



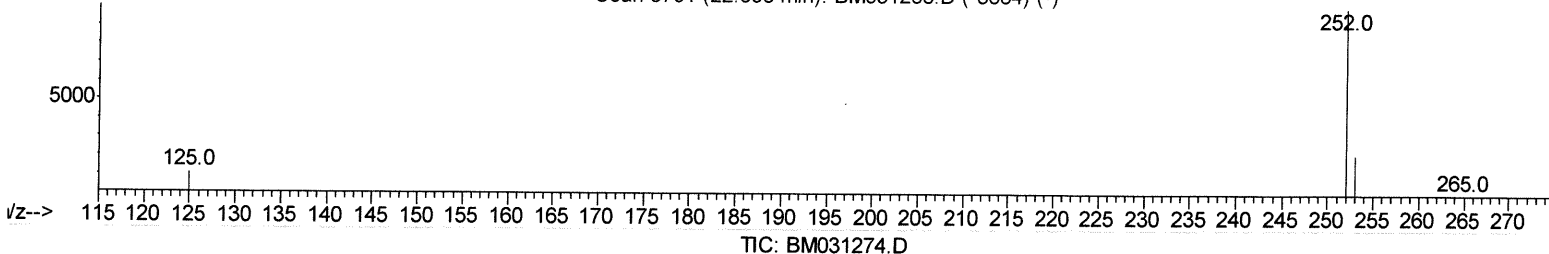
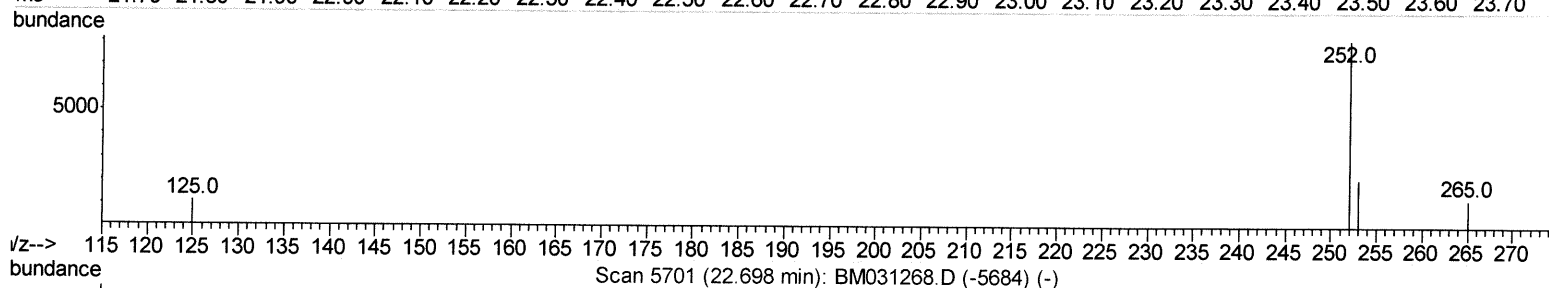
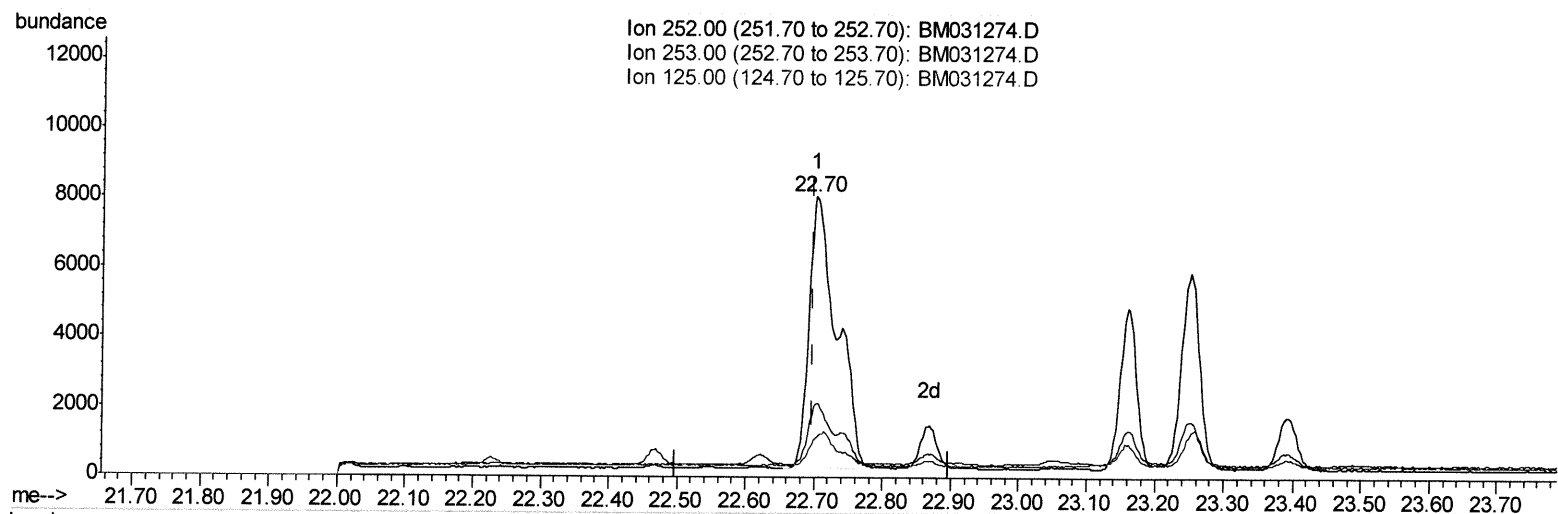
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(24) Benzo(b)fluoranthene

22.701min (+0.003) 0.85ng/ul

response 22092

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.73
125.00	11.40	13.74
0.00	0.00	0.00

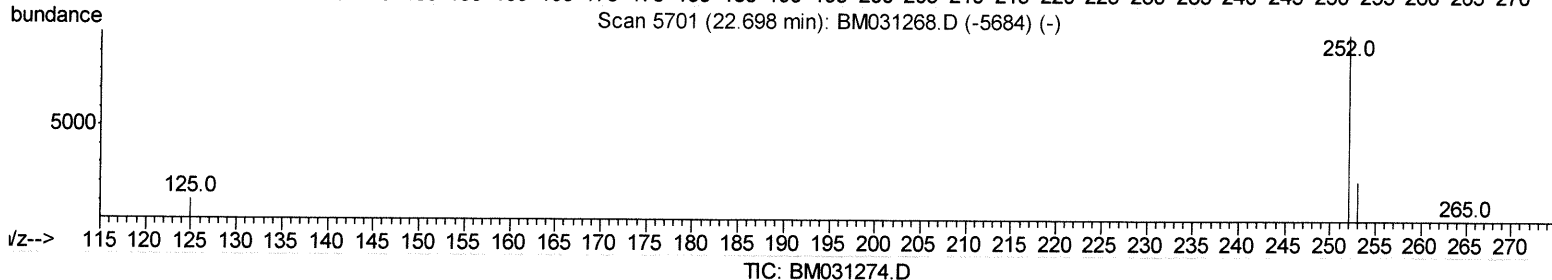
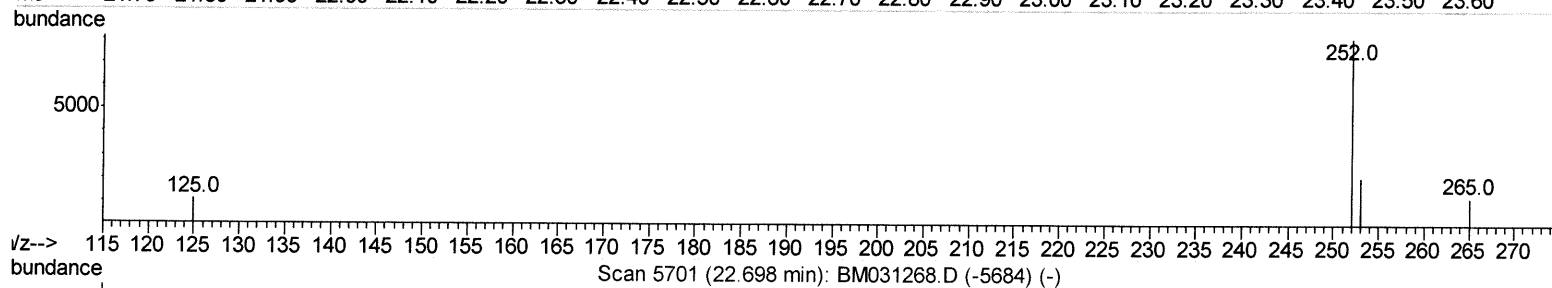
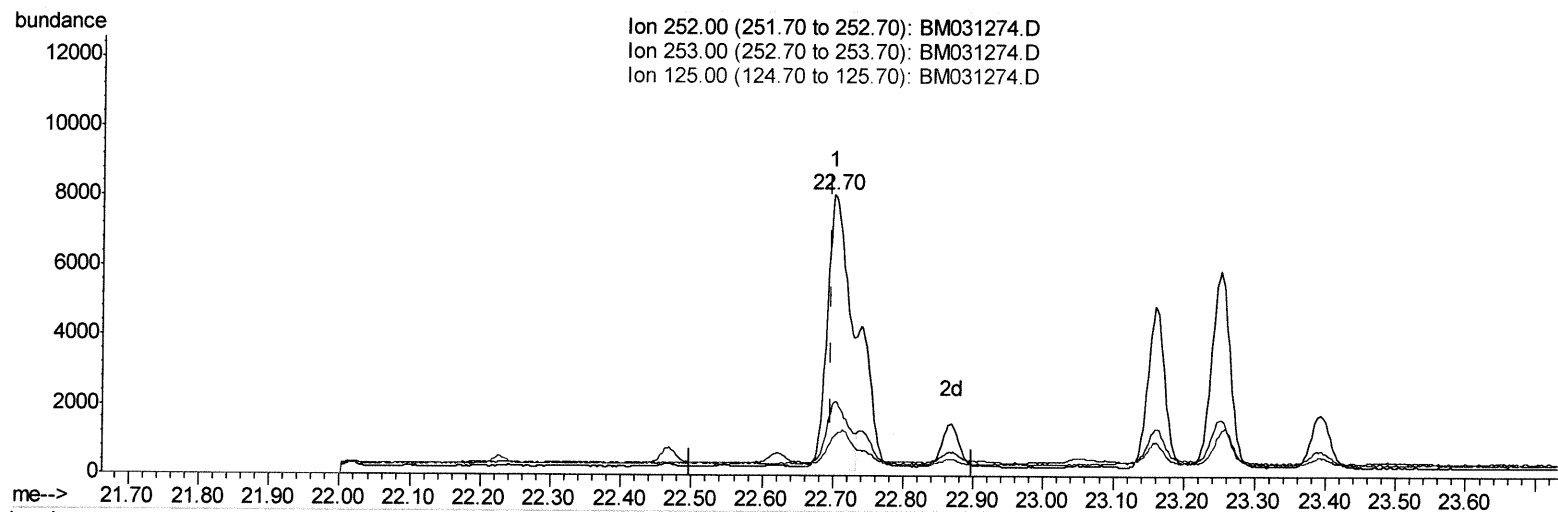
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(24) Benzo(b)fluoranthene

22.701min (+0.003) 0.66ng/ul m

Handwritten signature

response 17040

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.73
125.00	11.40	13.74
0.00	0.00	0.00

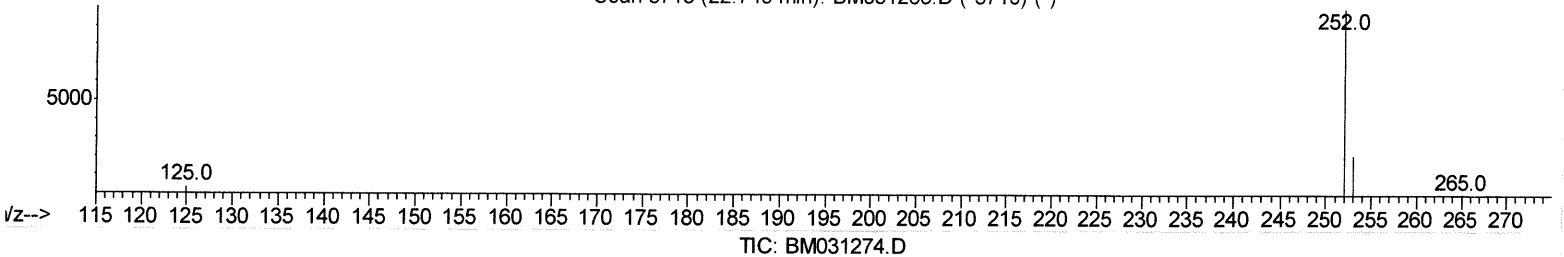
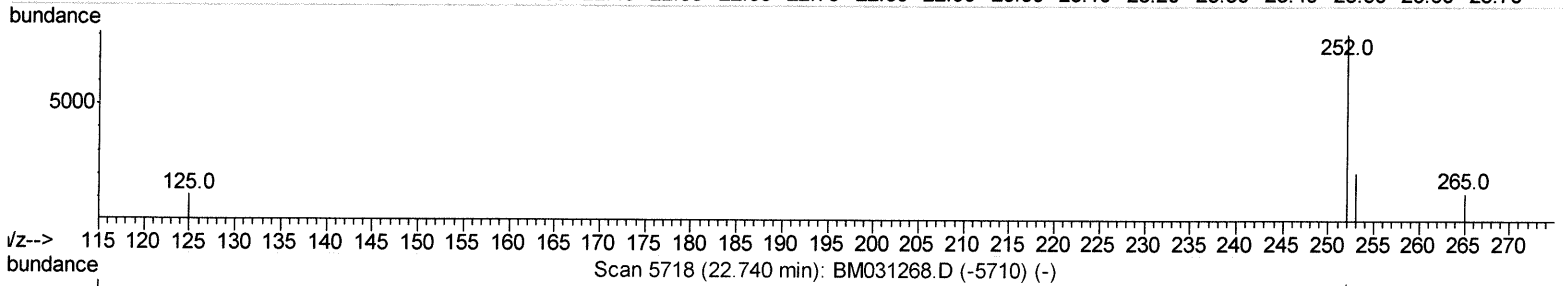
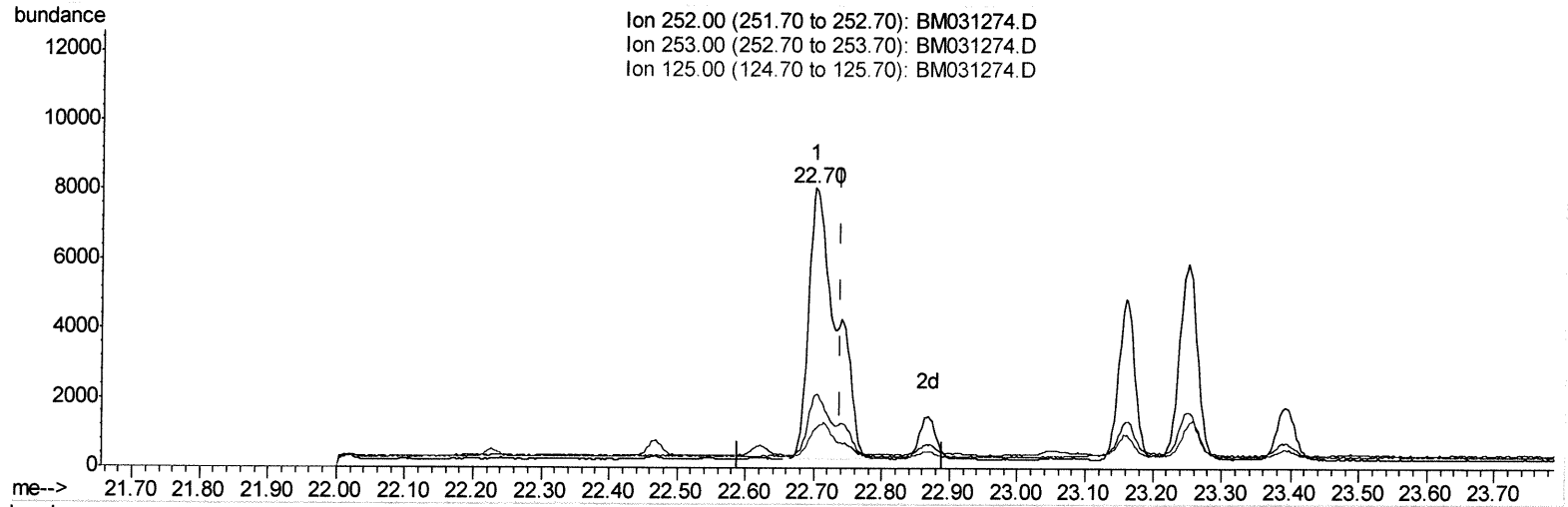
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(25) Benzo(k)fluoranthene
 22.701min (-0.038) 0.82ng/ul
 response 22092

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.73
125.00	11.00	13.74#
0.00	0.00	0.00

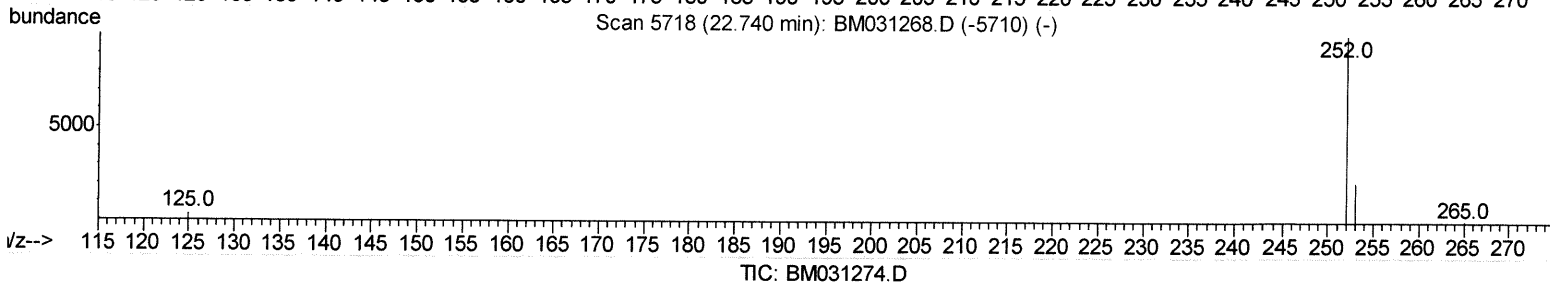
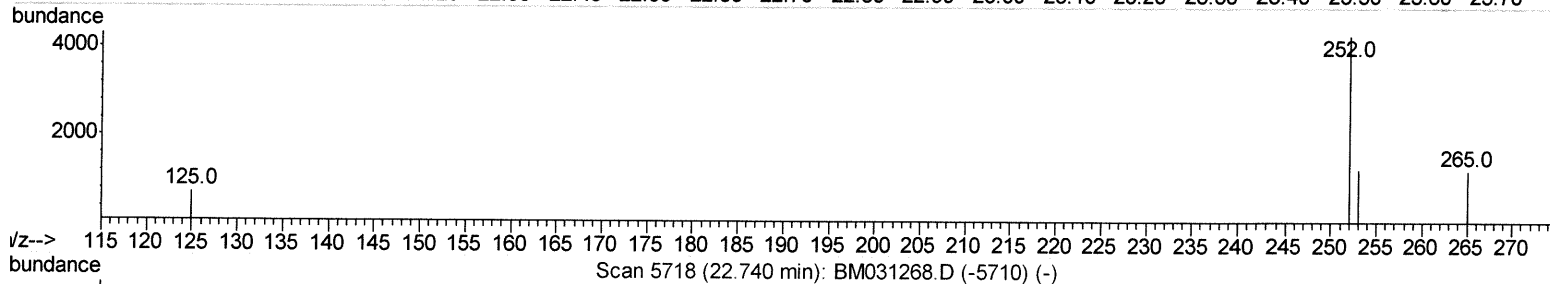
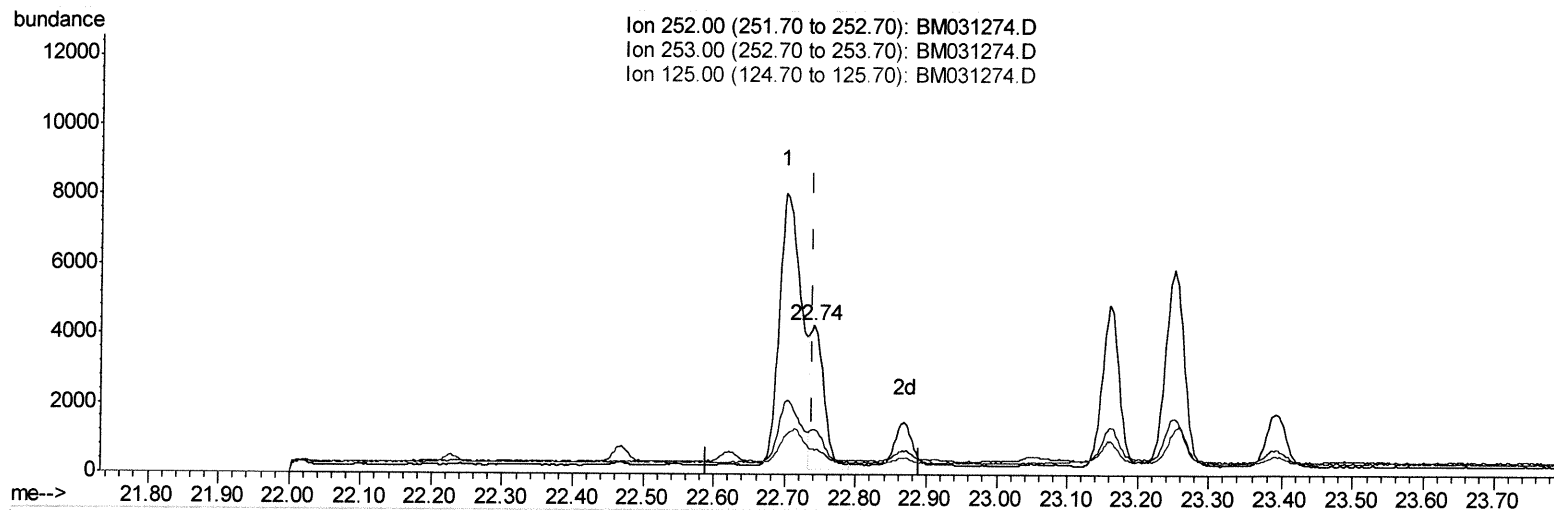
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(25) Benzo(k)fluoranthene

22.740min (+0.000) 0.21ng/ul m

Jul 31/21

response 5742

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.63
125.00	11.00	16.76#
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	7.61	152	1913	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	7072	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3964	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	7547	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	6002	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	5769	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	905	0.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	299	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	620	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.42	128	1826	0.087	ng/ul#	93
7) 2-Methylnaphthalene	12.04	142	1115	0.077	ng/ul	99
8) 1-Methylnaphthalene	12.26	142	756	0.053	ng/ul	99
10) Acenaphthylene	13.96	152	1388	0.082	ng/ul	92
12) Fluorene	15.30	166	424	0.026	ng/ul#	92
15) Phenanthrene	17.03	178	7910	0.330	ng/ul	99
16) Anthracene	17.12	178	1955	0.087	ng/ul#	93
19) Fluoranthene	19.05	202	23529	0.918	ng/ul	98
20) Pyrene	19.41	202	20192	0.777	ng/ul	96
21) Benzo(a)anthracene	21.16	228	11278	0.465	ng/ul	96
22) Chrysene	21.21	228	11585	0.462	ng/ul	98
24) Benzo(b)fluoranthene	22.70	252	17040m	0.656	ng/ul	94 8/31/21
25) Benzo(k)fluoranthene	22.74	252	5742m	0.214	ng/ul	
26) Benzo(a)pyrene	23.25	252	10424	0.458	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.49	276	7326	0.249	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.50	278	1877	0.079	ng/ul#	66
29) Benzo(a,h,i)perylene	26.15	276	6157	0.245	ng/ul	94

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