

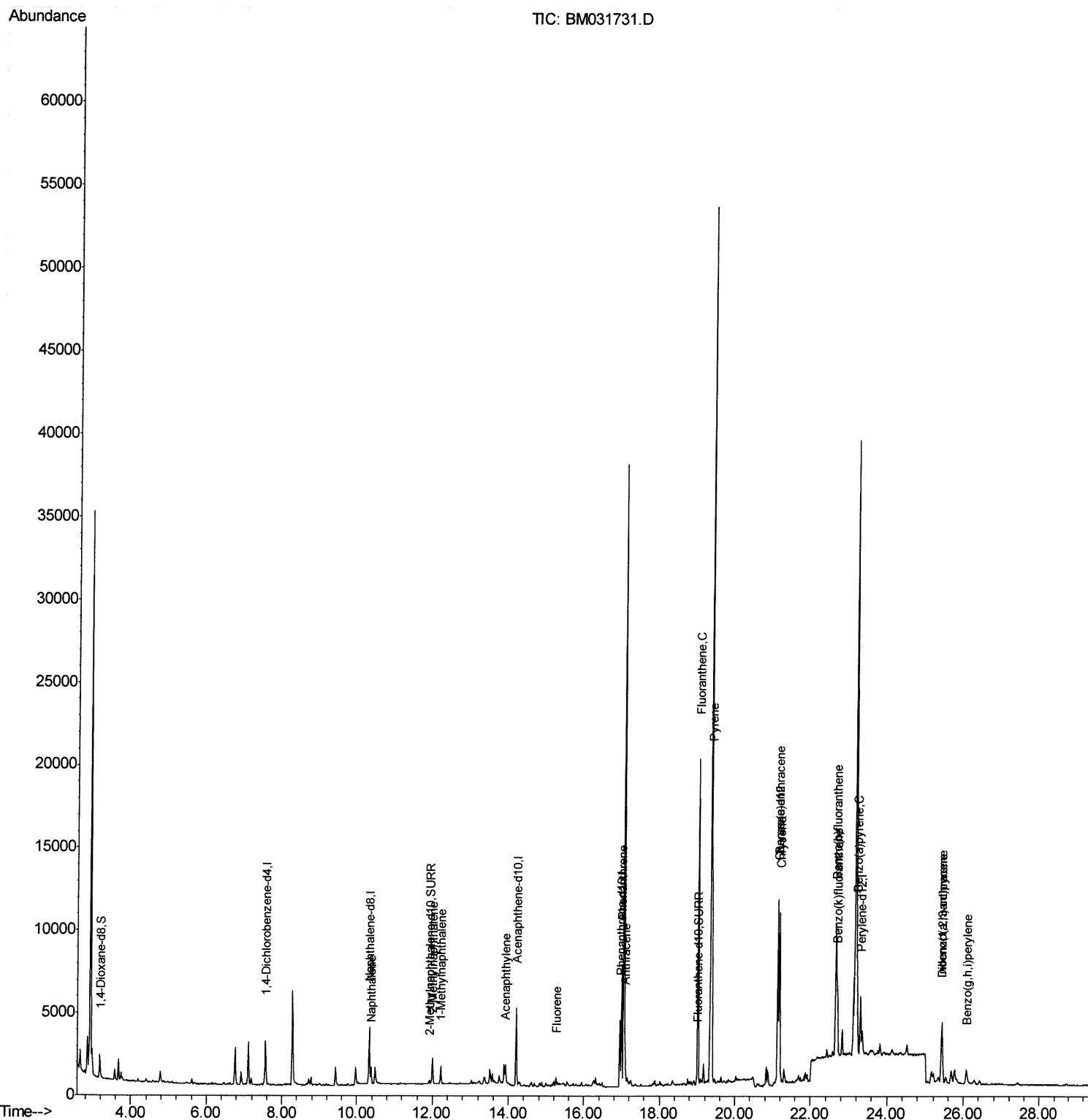
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031731.D
Acq On : 14 Aug 2021 01:51
Operator : CG/JU
Sample : M3208-01DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00E1DL

Manual Integrations
APPROVED

mohammad
8/16/2021 8:40:44 AM

Quant Time: Aug 14 02:53:15 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 : Sat Aug 14 00:52:50 2021
Response via : Initial Calibration



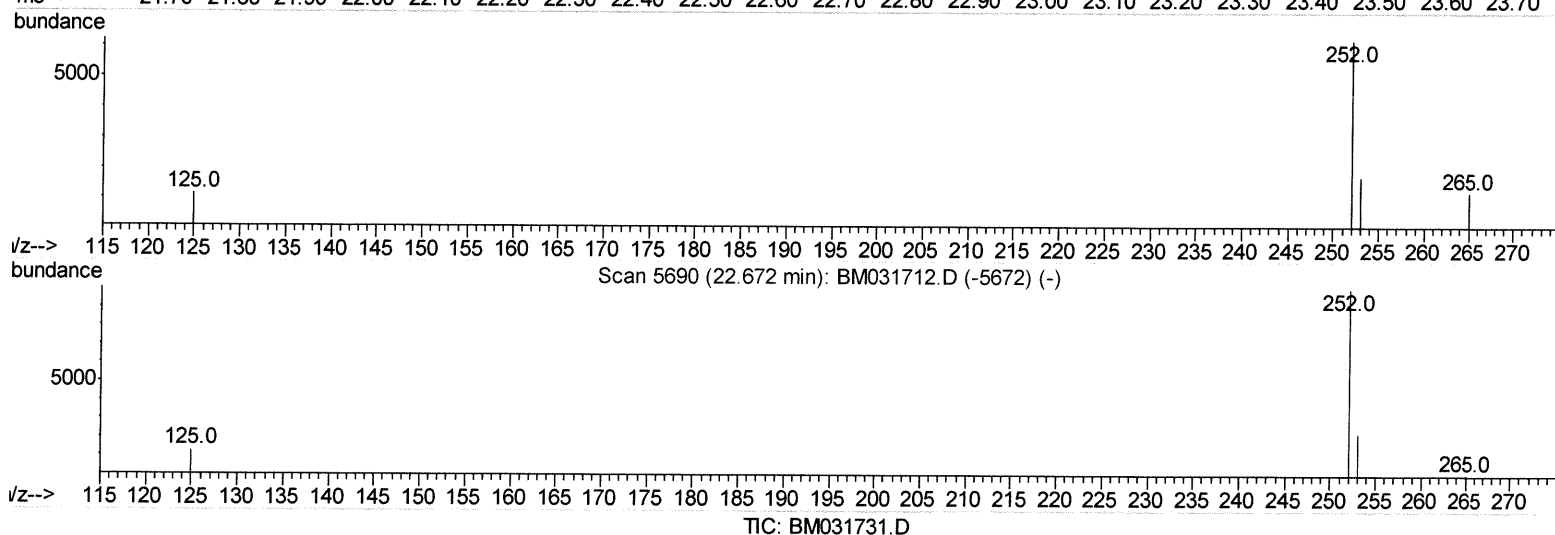
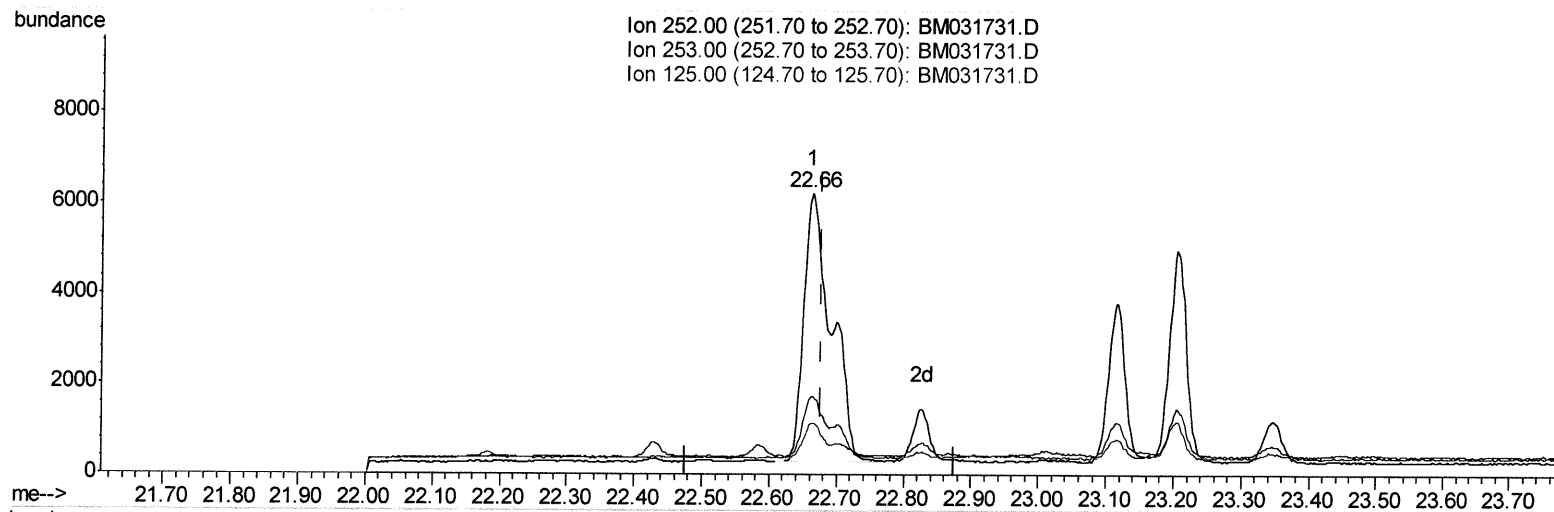
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(24) Benzo(b)fluoranthene

22.662min (-0.015) 0.89ng/ul

response 16992

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.65
125.00	11.40	18.03
0.00	0.00	0.00

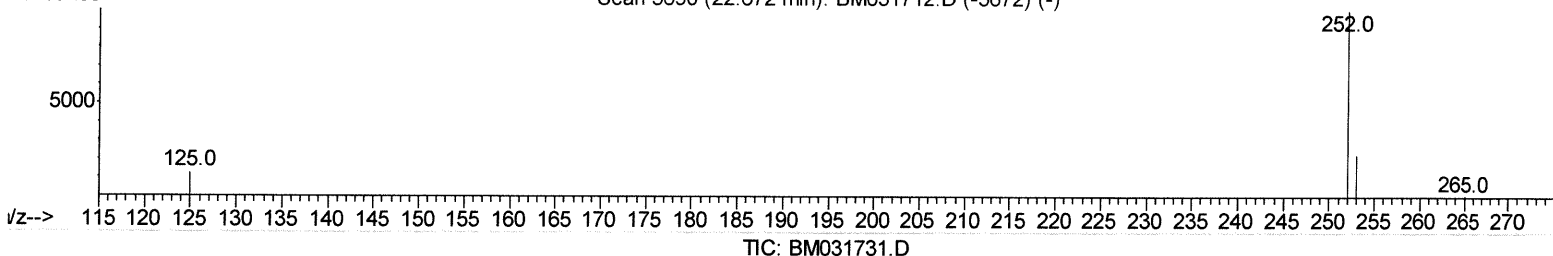
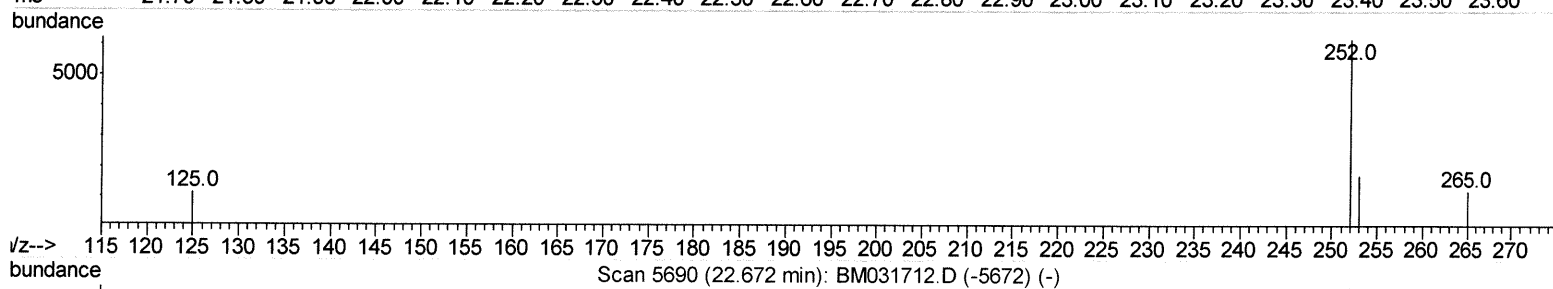
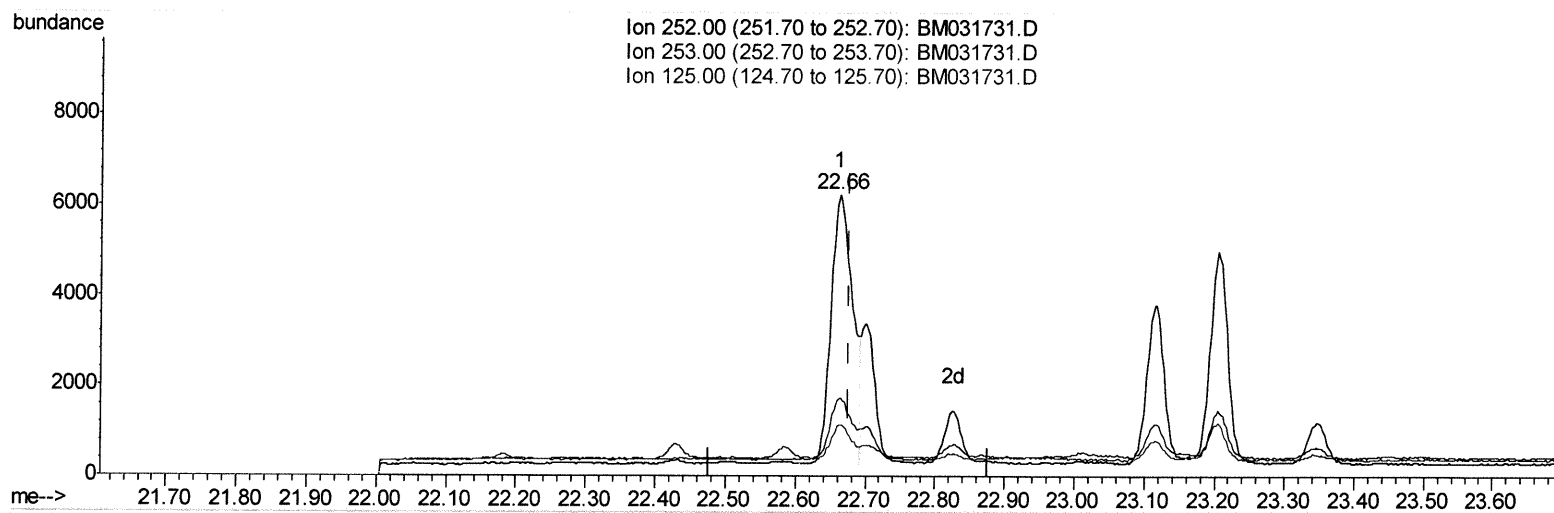
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(24) Benzo(b)fluoranthene

22.662min (-0.015) 0.67ng/ul m

response 12764

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.65
125.00	11.40	18.03
0.00	0.00	0.00

Handwritten signature: JCG 8/16/21

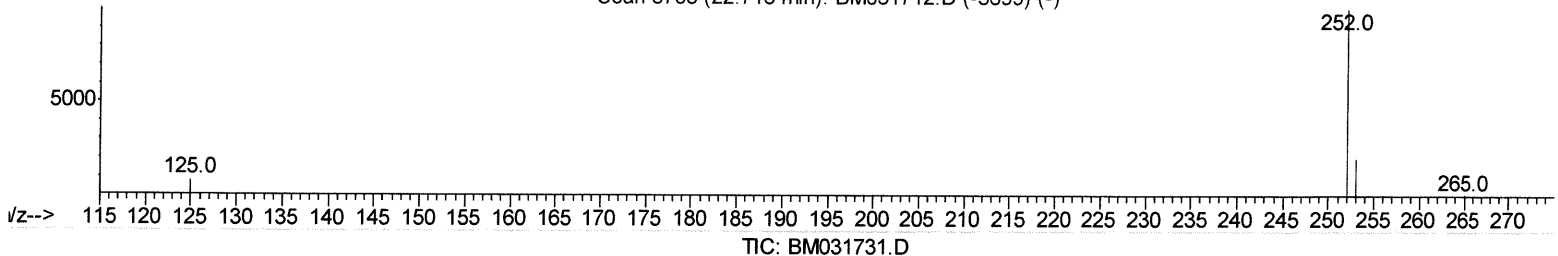
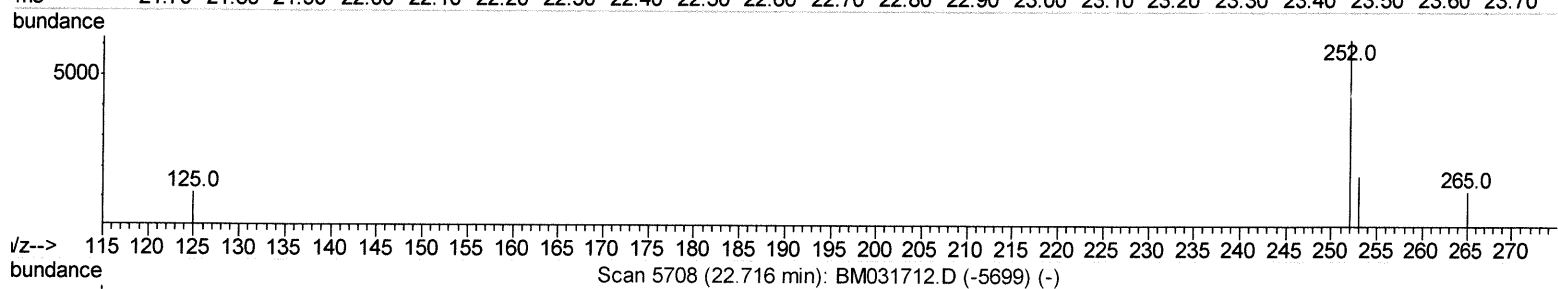
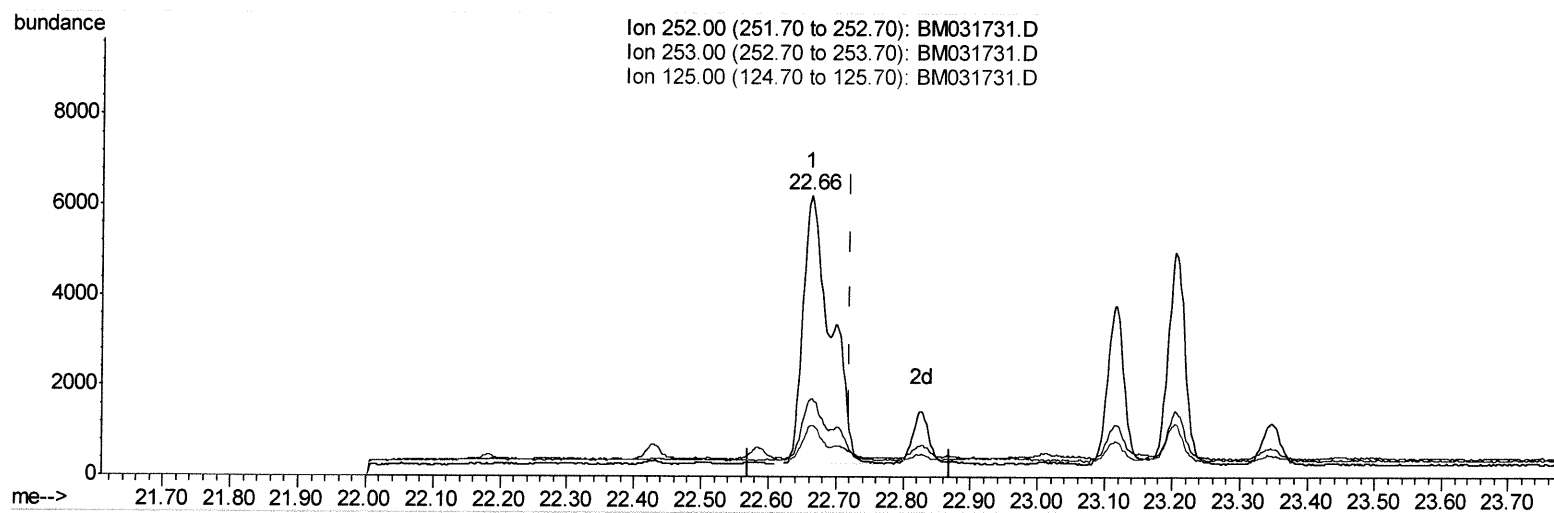
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Quant Time: Aug 14 02:51:48 2021
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 QLast Update : Sat Aug 14 00:52:50 2021
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(25) Benzo(k)fluoranthene

22.662min (-0.058) 0.86ng/ul

response 16992

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.65
125.00	11.00	18.03#
0.00	0.00	0.00

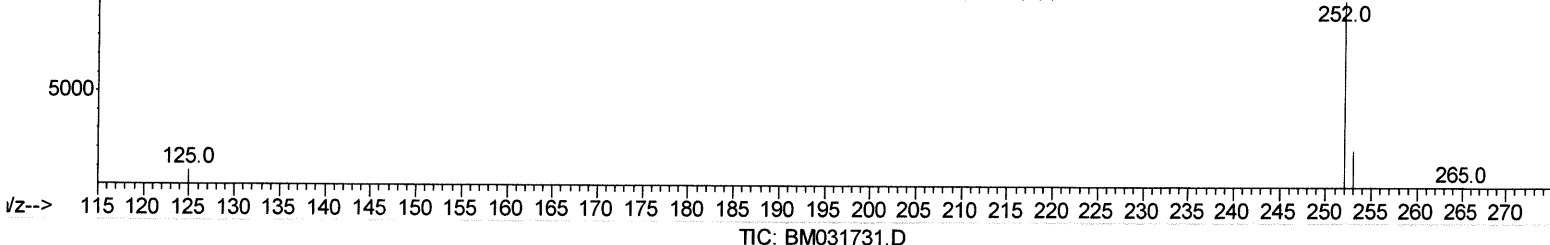
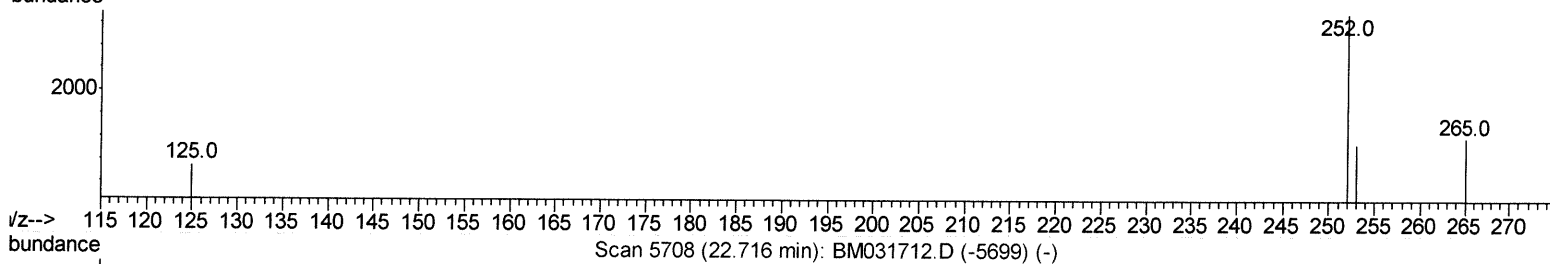
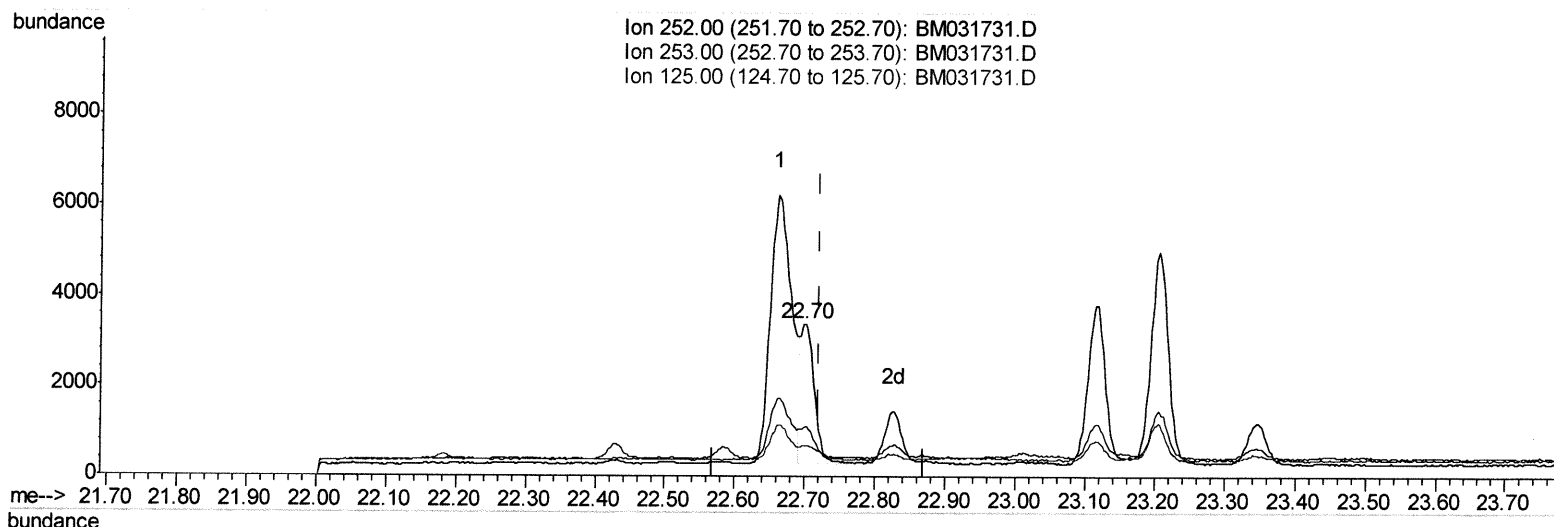
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(25) Benzo(k)fluoranthene

22.698min (-0.022) 0.22ng/ul m

response 4328

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	32.21#
125.00	11.00	20.22#
0.00	0.00	0.00

OK 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	1347	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	4800	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2601	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4950	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	4271	0.40	ng/ul	-0.01
23) Perylene-d12	23.30	264	4240	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	1015	0.68	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	322	0.04	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	615	0.04	ng/ul	-0.01
Target Compounds						
					Ovalue	
5) Naphthalene	10.37	128	1355	0.095	ng/ul#	90
7) 2-Methylnaphthalene	12.00	142	1274	0.130	ng/ul	98
8) 1-Methylnaphthalene	12.22	142	800	0.083	ng/ul	99
10) Acenaphthylene	13.92	152	1407	0.127	ng/ul#	90
12) Fluorene	15.26	166	281	0.026	ng/ul#	79
15) Phenanthrene	16.99	178	8048	0.512	ng/ul	99
16) Anthracene	17.08	178	1690	0.115	ng/ul#	91
19) Fluoranthene	19.02	202	17154	0.941	ng/ul	98
20) Pyrene	19.38	202	14869	0.804	ng/ul	96
21) Benzo(a)anthracene	21.13	228	8905	0.516	ng/ul	92
22) Chrysene	21.18	228	10028	0.562	ng/ul	97
24) Benzo(b)fluoranthene	22.66	252	12764m	0.668	ng/ul	92-94 8/16/21
25) Benzo(k)fluoranthene	22.70	252	4328m	0.219	ng/ul	
26) Benzo(a)pyrene	23.20	252	8088	0.483	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.43	276	5749	0.266	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.44	278	1632	0.094	ng/ul#	53
29) Benzo(a,h,i)perylene	26.08	276	1690	0.092	ng/ul#	75

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