

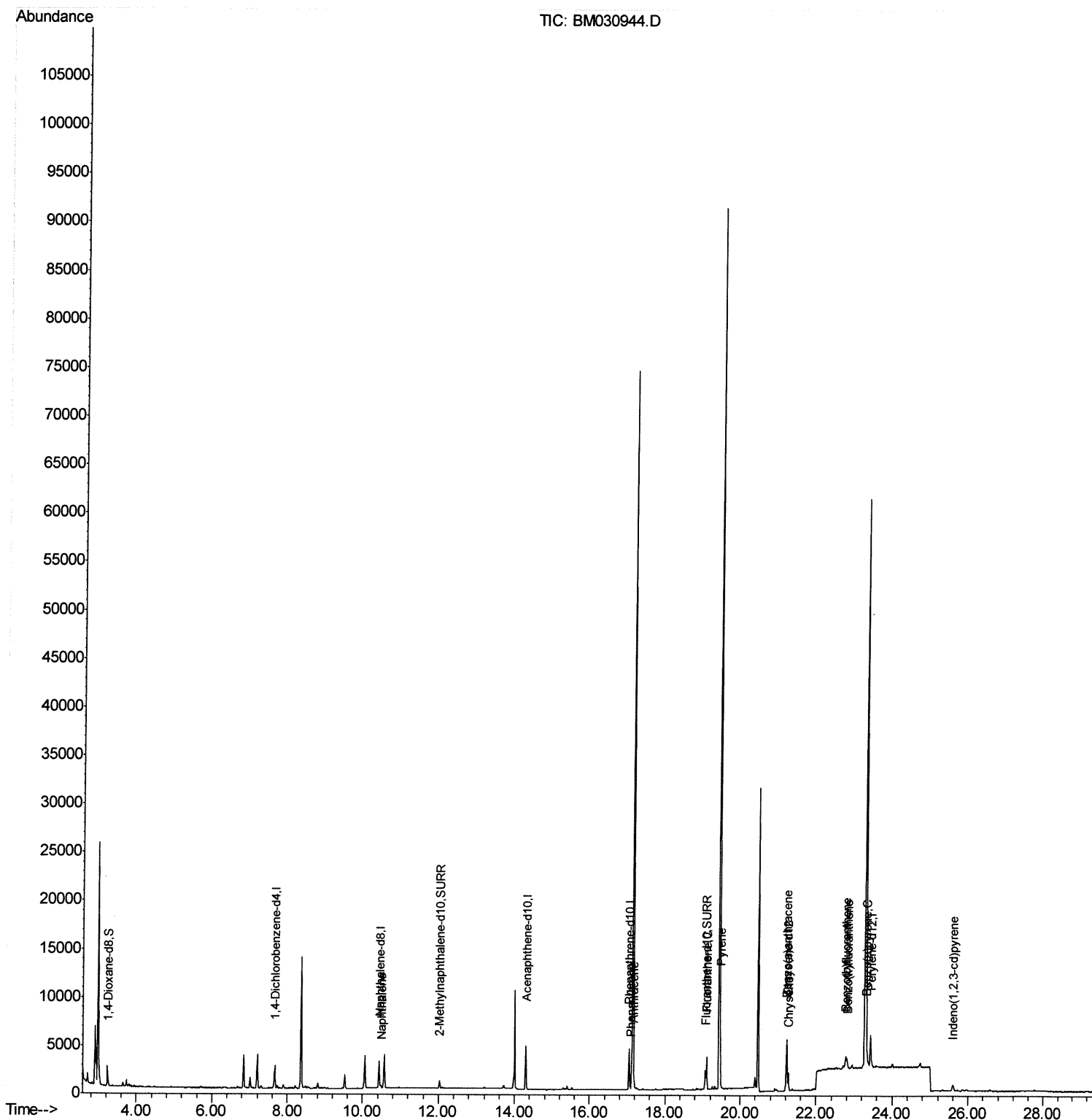
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\
Data File : BM030944.D
Acq On : 13 Jul 2021 23:20
Operator : CG/JU
Sample : M2878-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDZ0

Manual Integrations
APPROVED

mohammad
7/14/2021 12:16:49 PM

Quant Time: Jul 14 04:20:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 04:01:52 2021
Response via : Initial Calibration



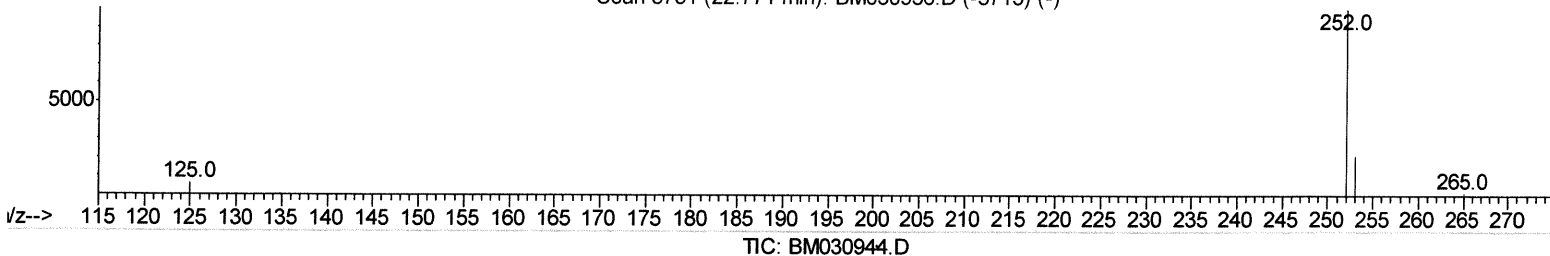
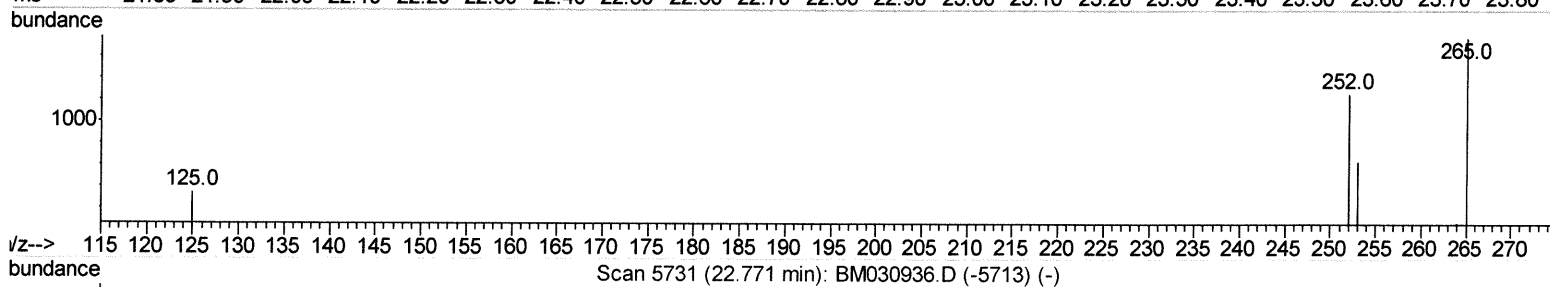
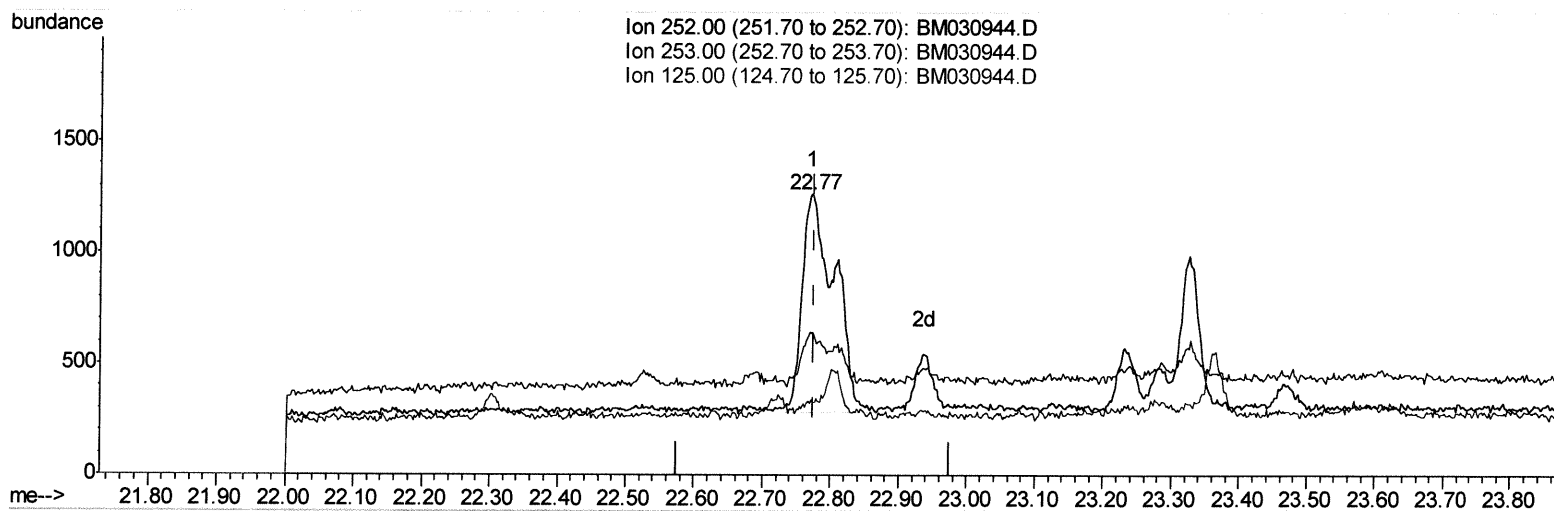
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(24) Benzo(b)fluoranthene

22.771min (-0.005) 0.16ng/ul

response 3271

Ion	Exp%	Act%
252.00	100	100
253.00	31.00	50.36
125.00	11.60	26.84#
0.00	0.00	0.00

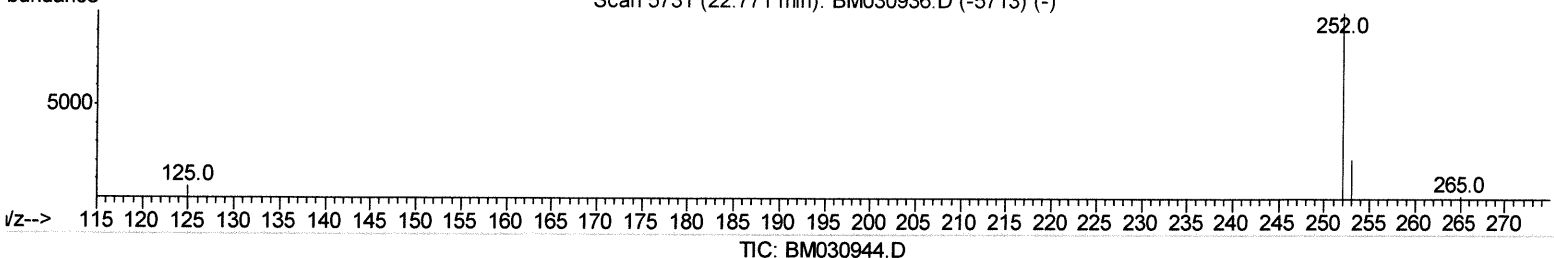
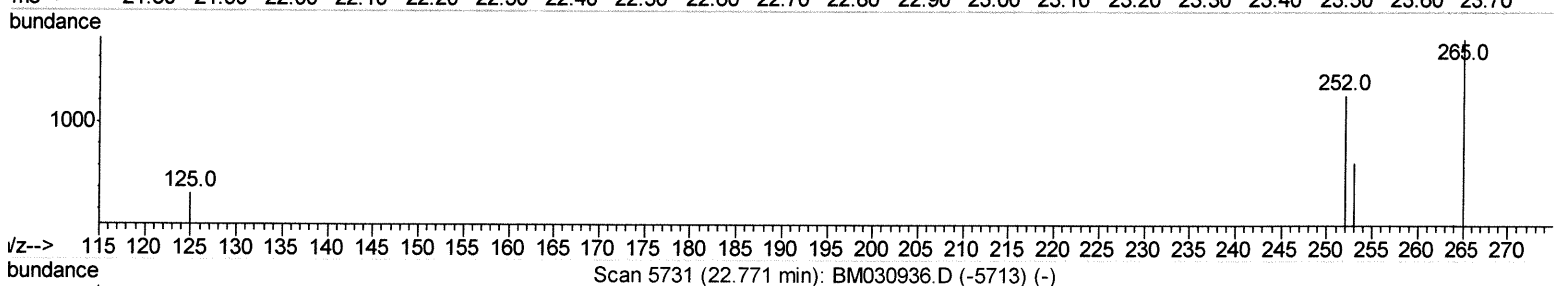
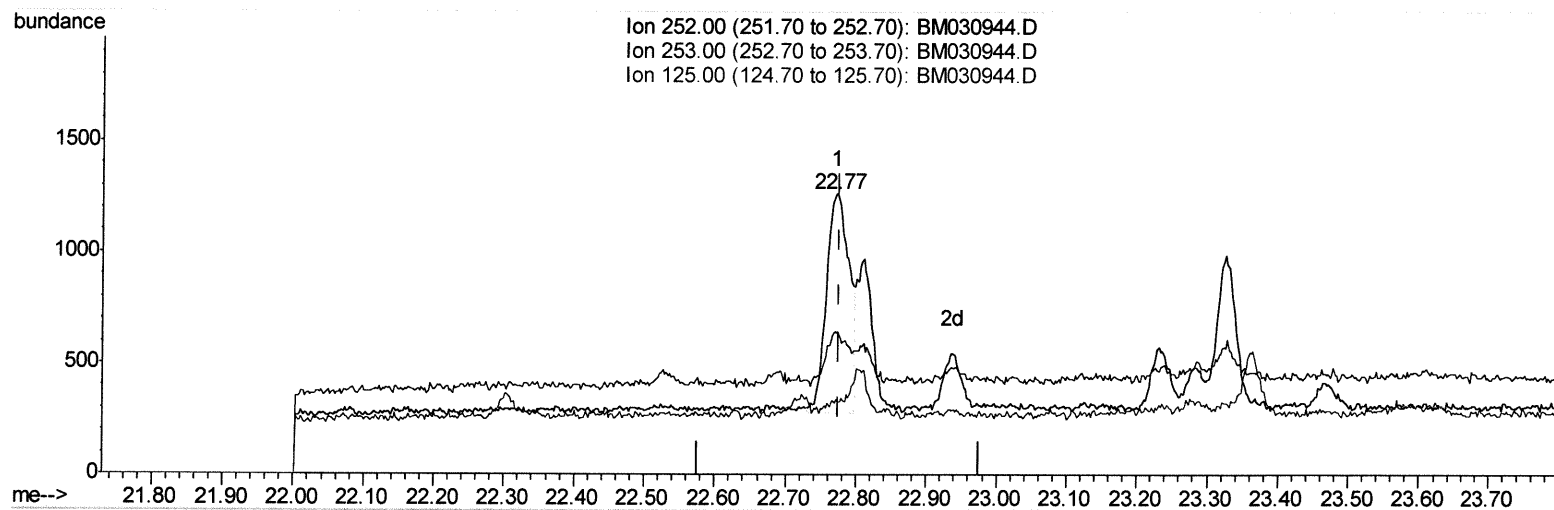
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(24) Benzo(b)fluoranthene

22.771min (-0.005) 0.11ng/ul m

response 2166

Ion	Exp%	Act%
252.00	100	100
253.00	31.00	50.36
125.00	11.60	26.84#
0.00	0.00	0.00

JU 7/15/21

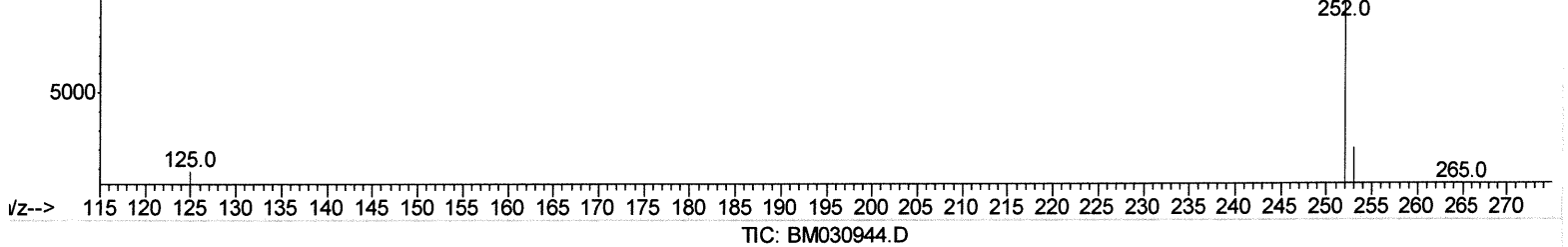
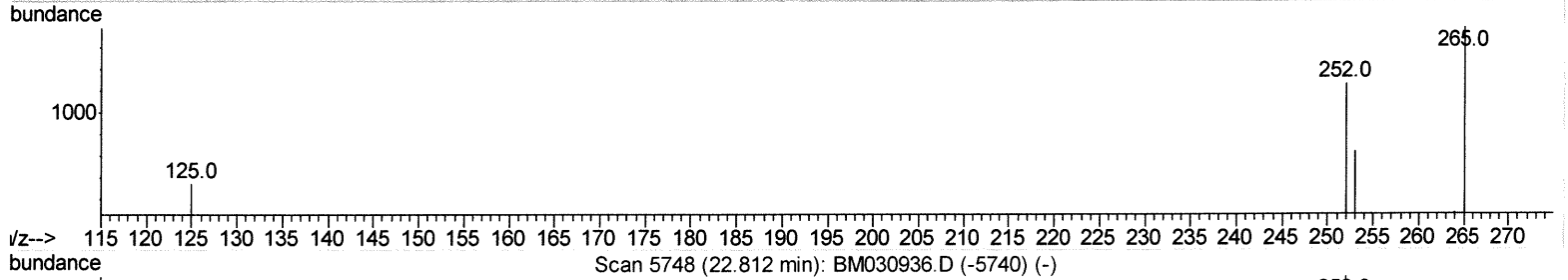
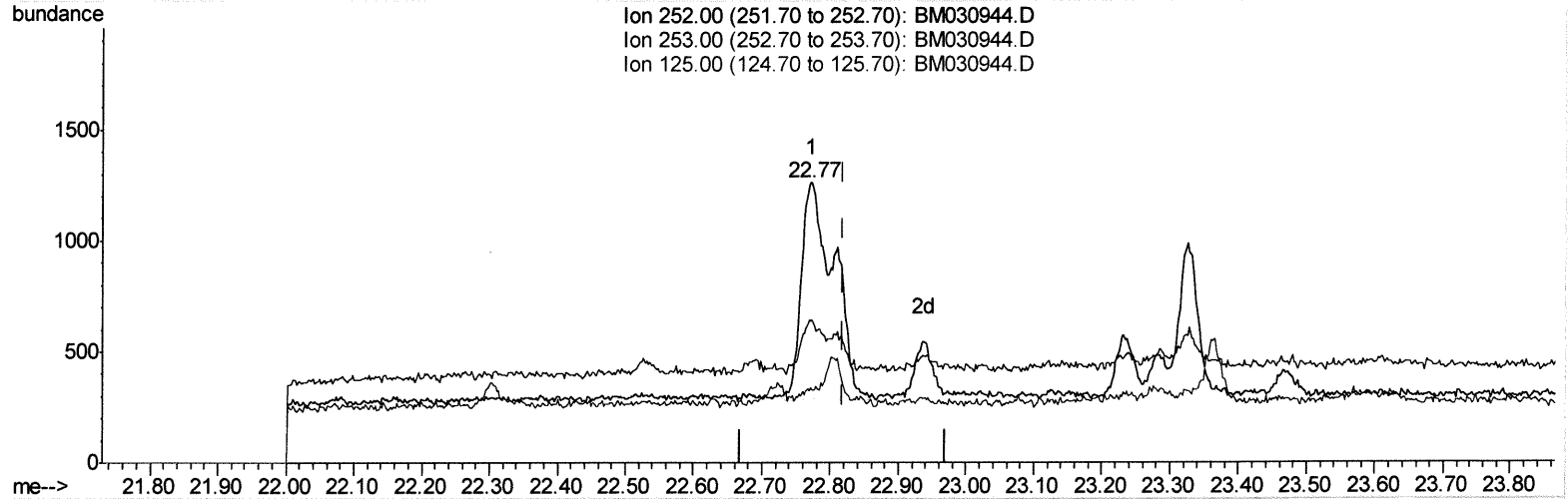
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(25) Benzo(k)fluoranthene

22.771min (-0.048) 0.16ng/ul

response 3271

Ion	Exp%	Act%
252.00	100	100
253.00	30.40	50.36#
125.00	12.30	26.84#
0.00	0.00	0.00

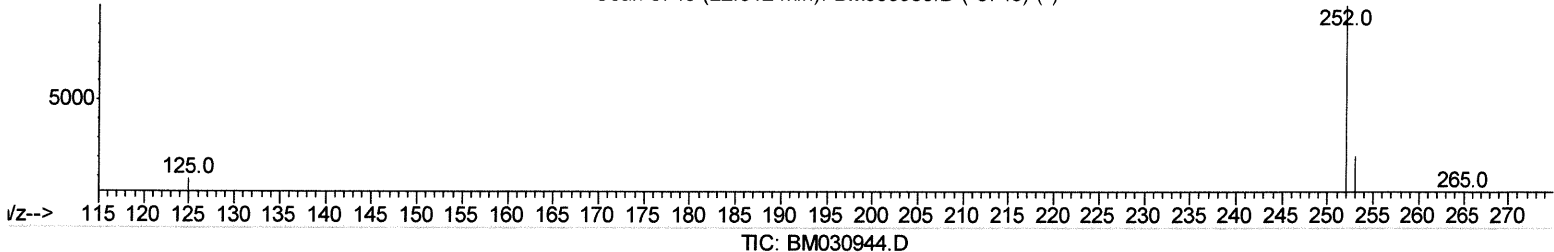
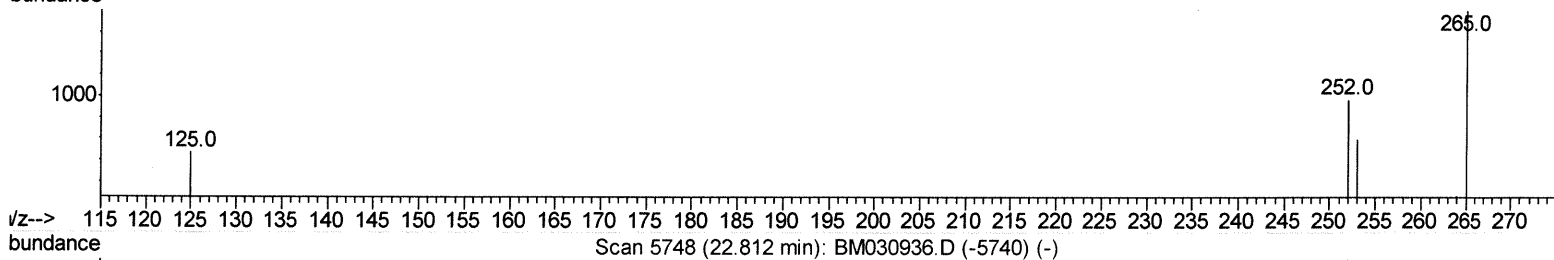
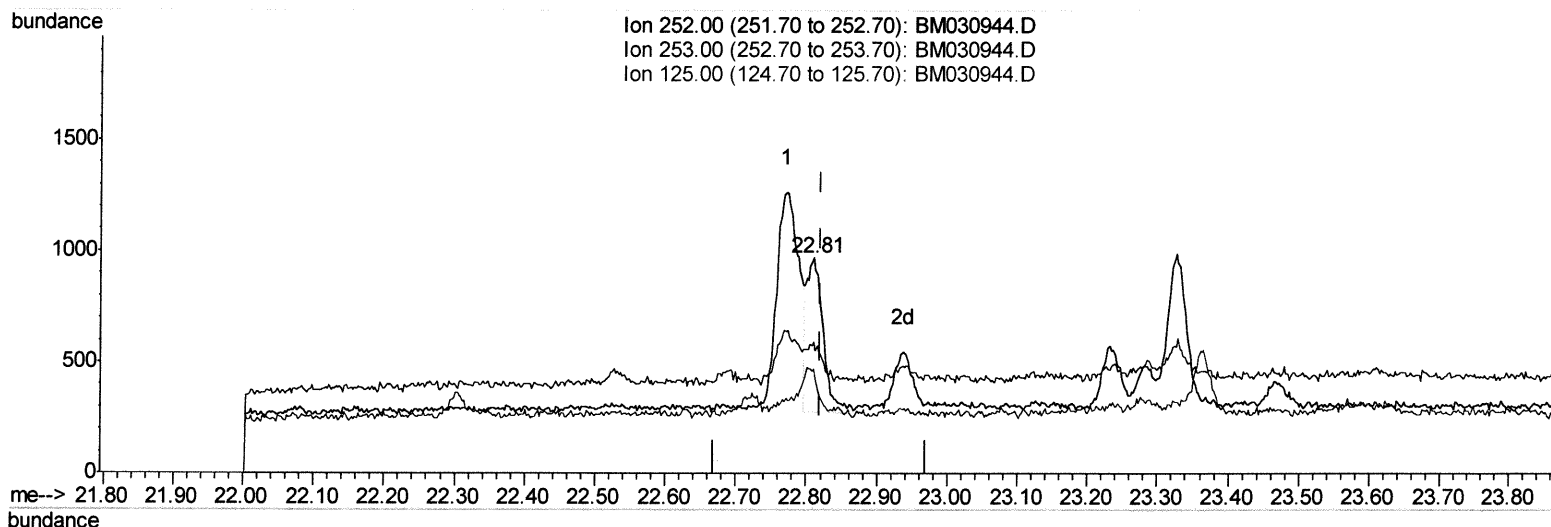
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(25) Benzo(k)fluoranthene

22.810min (-0.009) 0.06ng/ul m

response 1154

Ion	Exp%	Act%
252.00	100	100
253.00	30.40	60.85#
125.00	12.30	48.76#
0.00	0.00	0.00

Jul 15/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1106	0.40	ng/ul	0.00
4) Naphthalene-d8	10.44	136	3740	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.30	164	2445	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.04	188	5112	0.40	ng/ul	0.00
17) Chrysene-d12	21.23	240	4165	0.40	ng/ul	0.00
23) Perylene-d12	23.42	264	4251	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1190	1.05	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.03	152	951	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.07	212	2335	0.17	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.48	128	427	0.038	ng/ul#	76
15) Phenanthrene	17.08	178	865	0.054	ng/ul#	84
16) Anthracene	17.18	178	508	0.033	ng/ul#	74
19) Fluoranthene	19.10	202	3062	0.167	ng/ul	97
20) Pyrene	19.47	202	2887	0.156	ng/ul#	93
21) Benzo(a)anthracene	21.21	228	1946	0.108	ng/ul#	90
22) Chrysene	21.27	228	1751	0.094	ng/ul	93
24) Benzo(b)fluoranthene	22.77	252	2166m	0.105	ng/ul	
25) Benzo(k)fluoranthene	22.81	252	1154m	0.056	ng/ul	
26) Benzo(a)pyrene	23.33	252	1216	0.068	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	25.60	276	898	0.037	ng/ul#	79

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

Handwritten signature and date: 7/15/21