

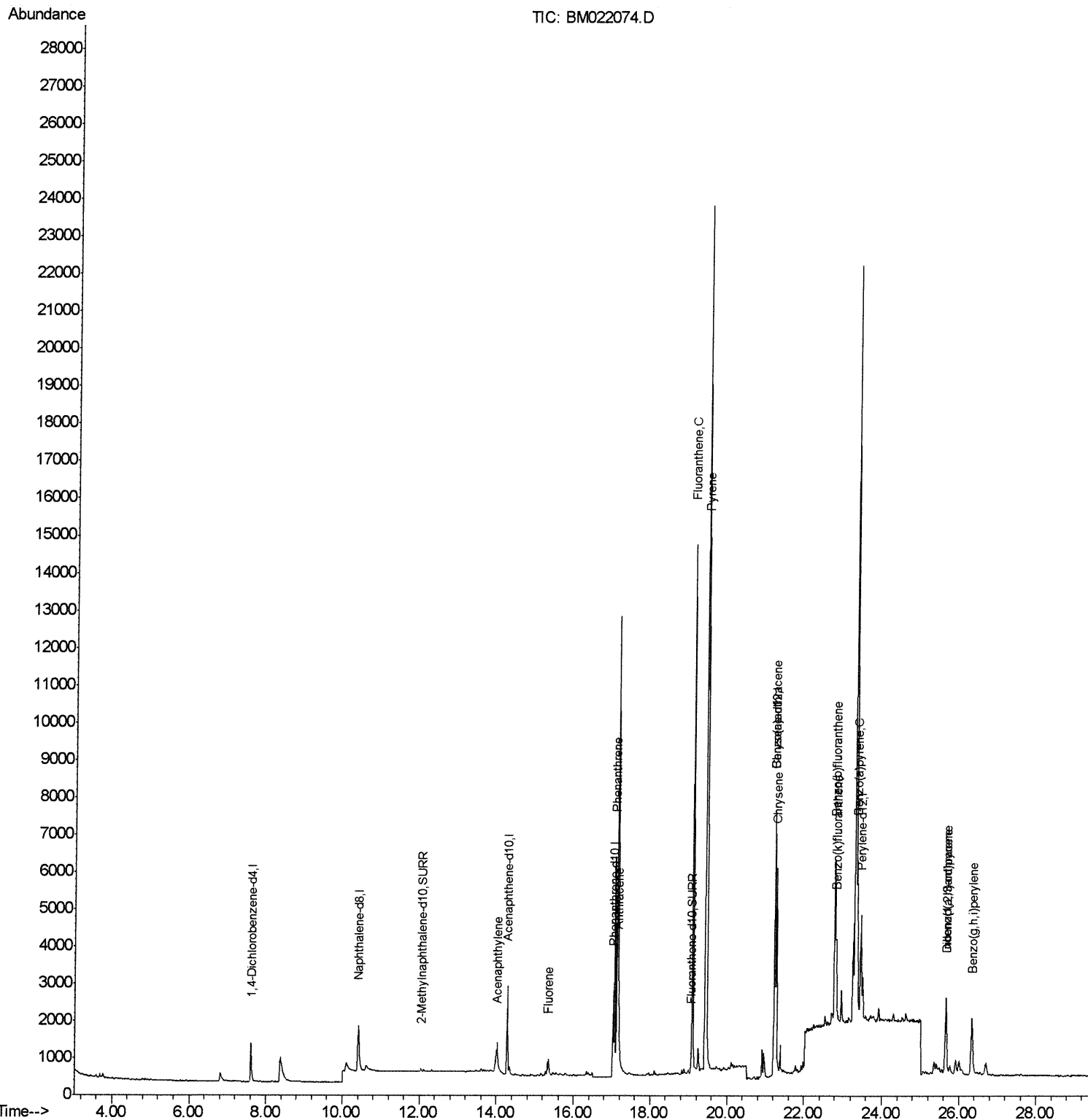
Data File : BM022074.D
Acq On : 13 Aug 2019 17:34
Operator : HP/JU
Sample : K4041-01DL 10X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
BENW1DL

Manual Integrations
APPROVED

mohammad
8/15/2019 5:07:30 PM

Quant Time: Aug 14 07:35:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 07:18:38 2019
Response via : Initial Calibration



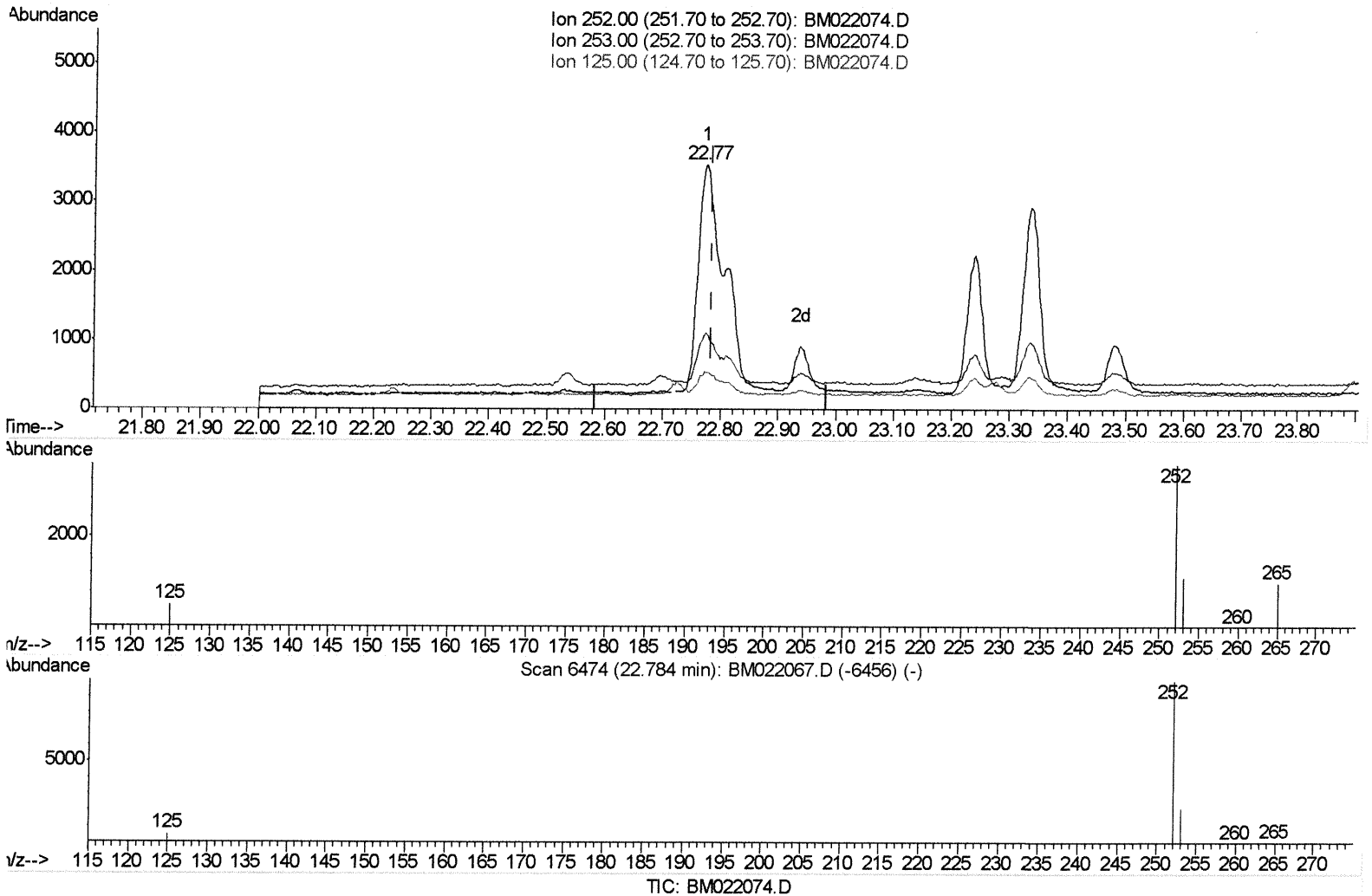
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(21) Benzo(b)fluoranthene

22.774min (-0.010) 0.91ng/ul

response 10510

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	31.46
125.00	15.50	14.99
0.00	0.00	0.00

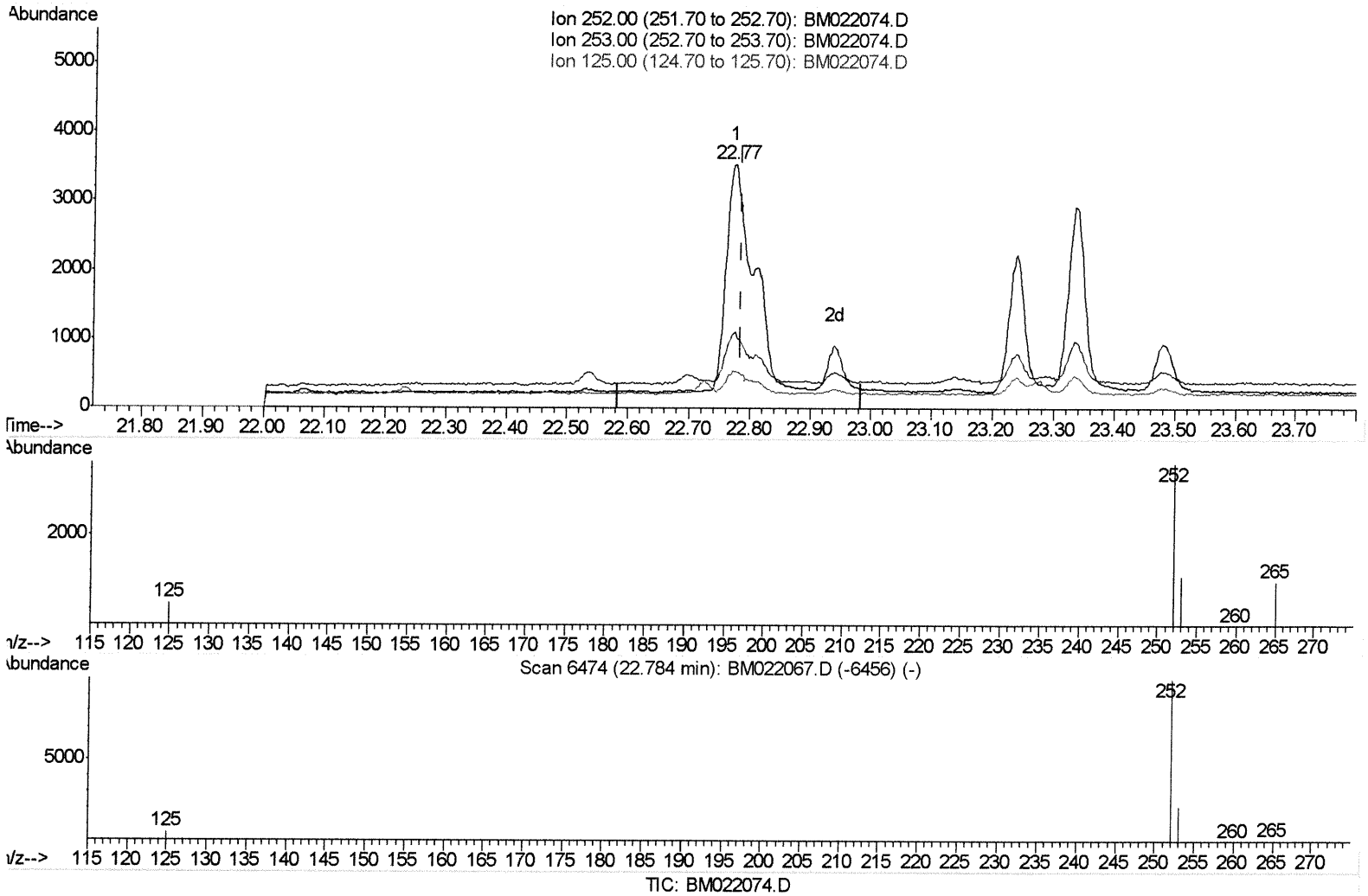
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(21) Benzo(b)fluoranthene

22.774min (-0.010) 0.67ng/ul m 08/14/19

response 7731

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	31.46
125.00	15.50	14.99
0.00	0.00	0.00

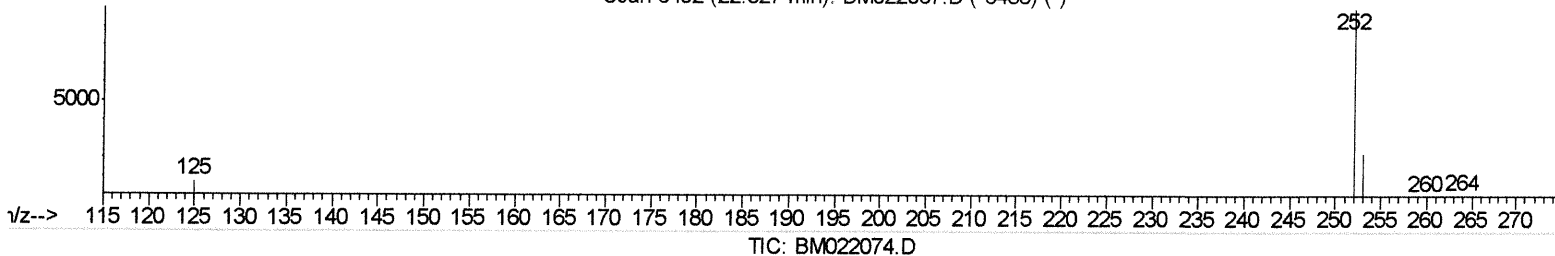
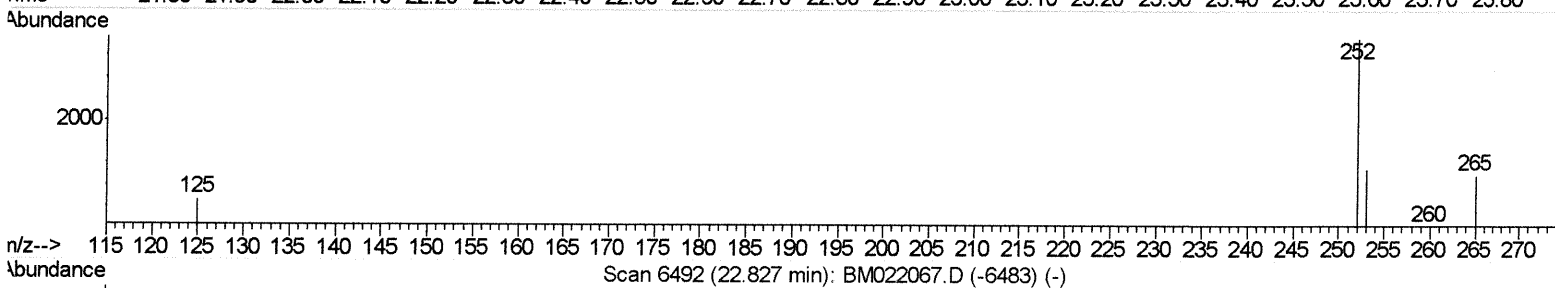
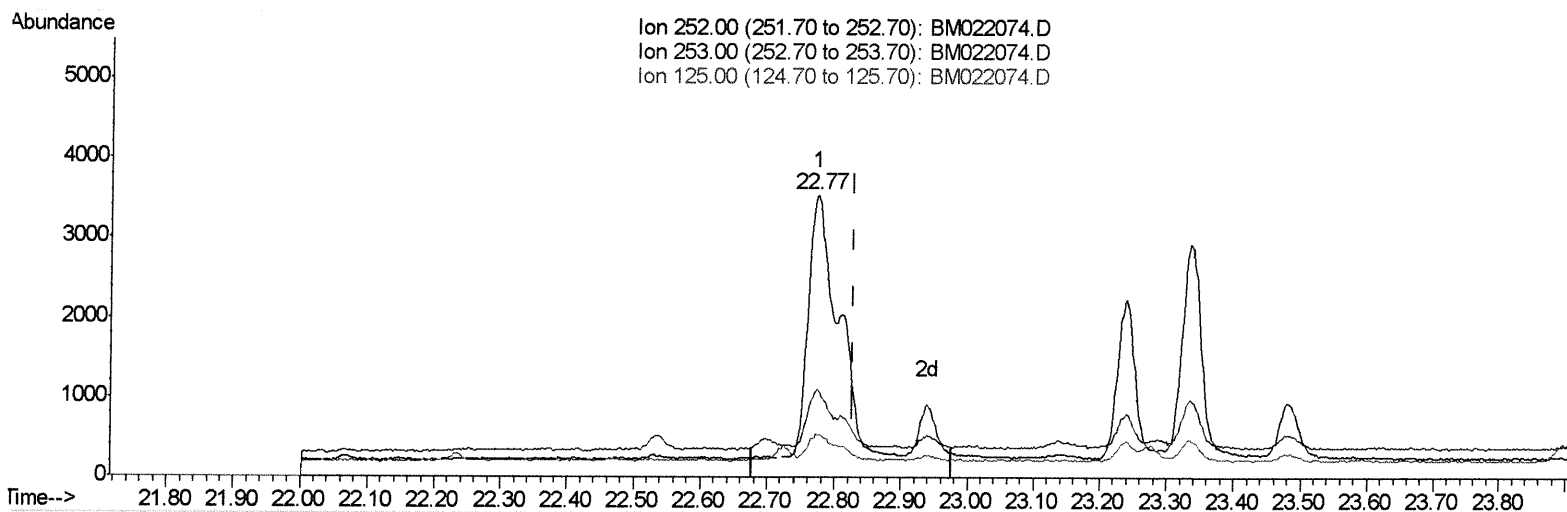
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(22) Benzo(k)fluoranthene

22.774min (-0.054) 0.80ng/ui

response 10510

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	31.46
125.00	15.20	14.99
0.00	0.00	0.00

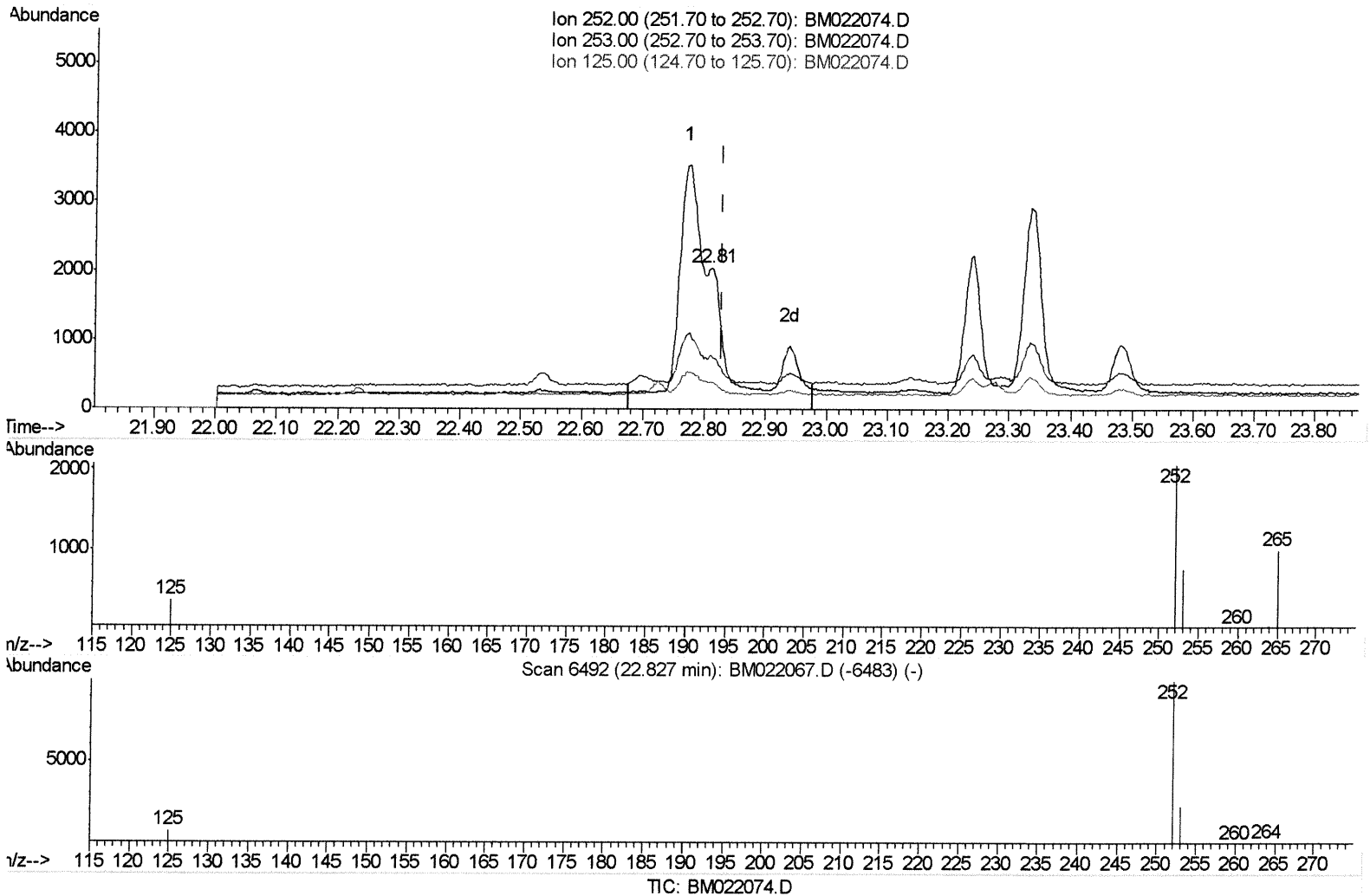
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(22) Benzo(k)fluoranthene

22.810min (-0.017) 0.20ng/ul m

JU
08/14/19

response 2683

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	37.40
125.00	15.20	18.55#
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	689	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	2907	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	1534	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	3303	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3336	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	3434	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	164	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	404	0.04	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	13.99	152	918	0.128	ng/ul#	78
9) Fluorene	15.33	166	407	0.063	ng/ul#	92
12) Phenanthrene	17.07	178	7306	0.760	ng/ul	98
13) Anthracene	17.16	178	1796	0.219	ng/ul	93
15) Fluoranthene	19.09	202	13100	1.018	ng/ul	98
17) Pyrene	19.45	202	12153	0.887	ng/ul	99
18) Benzo(a)anthracene	21.21	228	6178	0.518	ng/ul	97
19) Chrysene	21.26	228	5587	0.364	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	7731m	0.668	ng/ul	97
22) Benzo(k)fluoranthene	22.81	252	2683m	0.205	ng/ul	97
23) Benzo(a)pyrene	23.33	252	5237	0.445	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.65	276	3554	0.253	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.65	278	860	0.076	ng/ul#	44
26) Benzo(g,h,i)perylene	26.33	276	3435	0.271	ng/ul#	92

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