

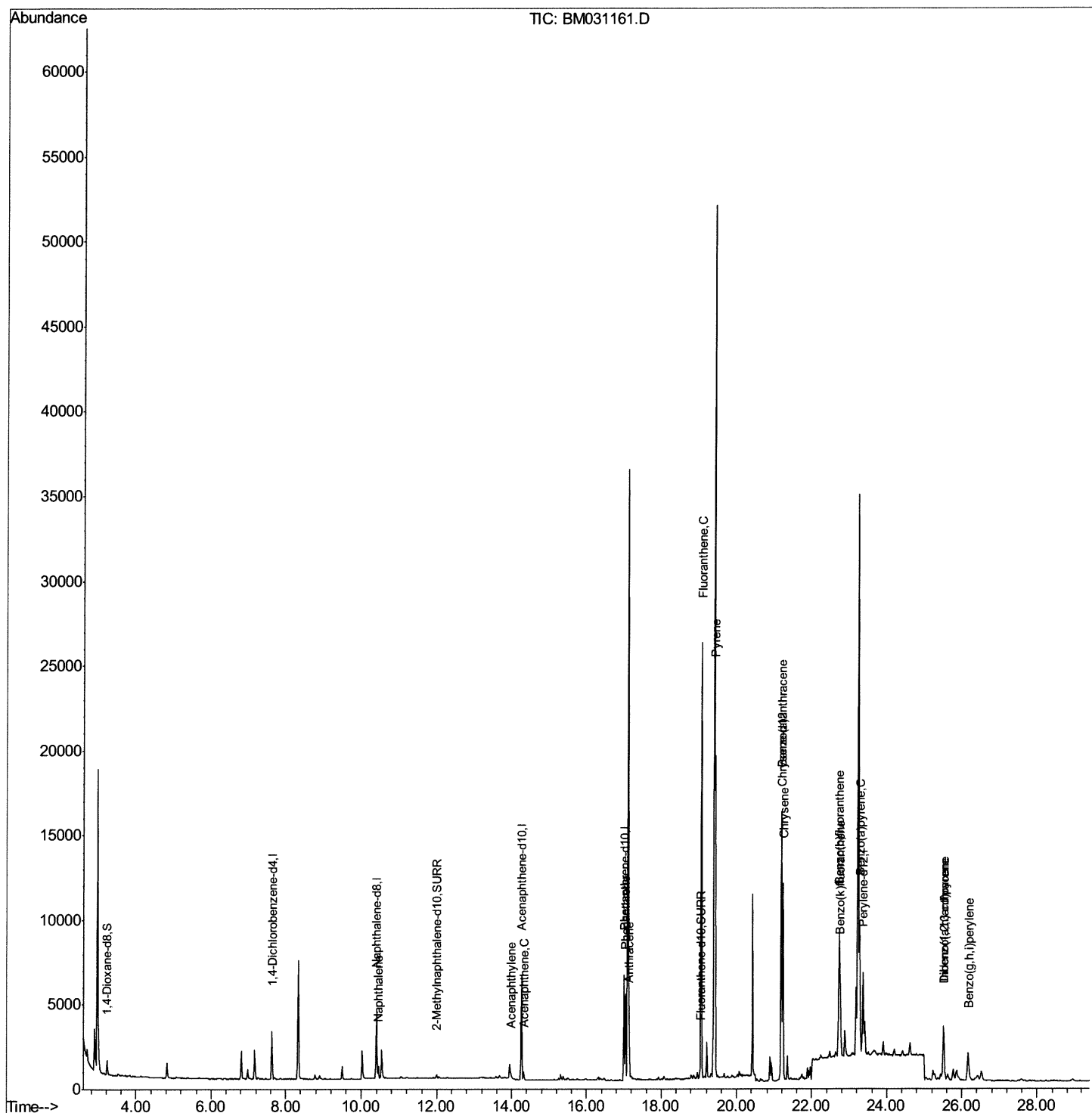
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072621\
Data File : BM031161.D
Acq On : 26 Jul 2021 13:56
Operator : CG/JU
Sample : M3010-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGED9DL

Manual Integrations
APPROVED

mohammad
7/27/2021 12:08:56 PM

Quant Time: Jul 26 14:27:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 10:45:49 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

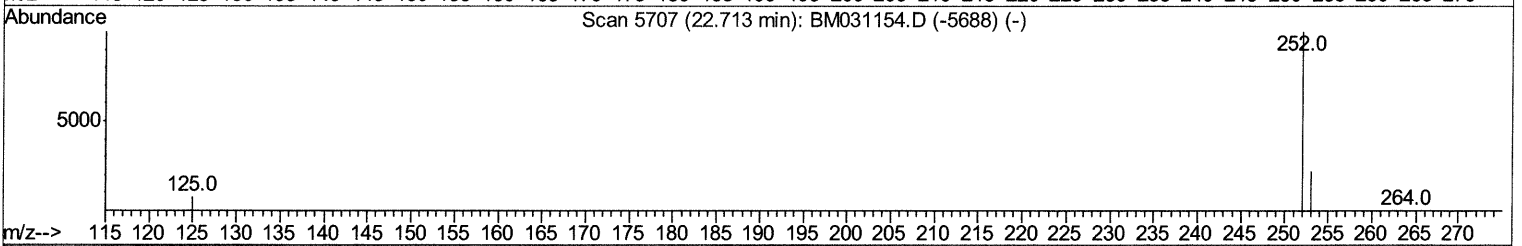
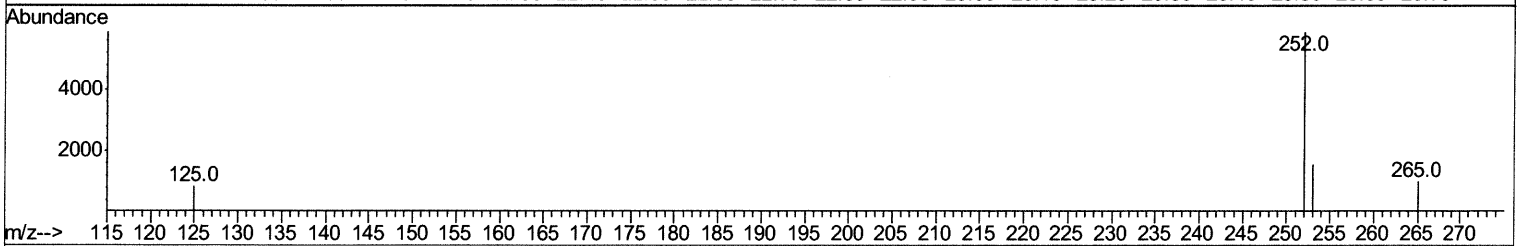
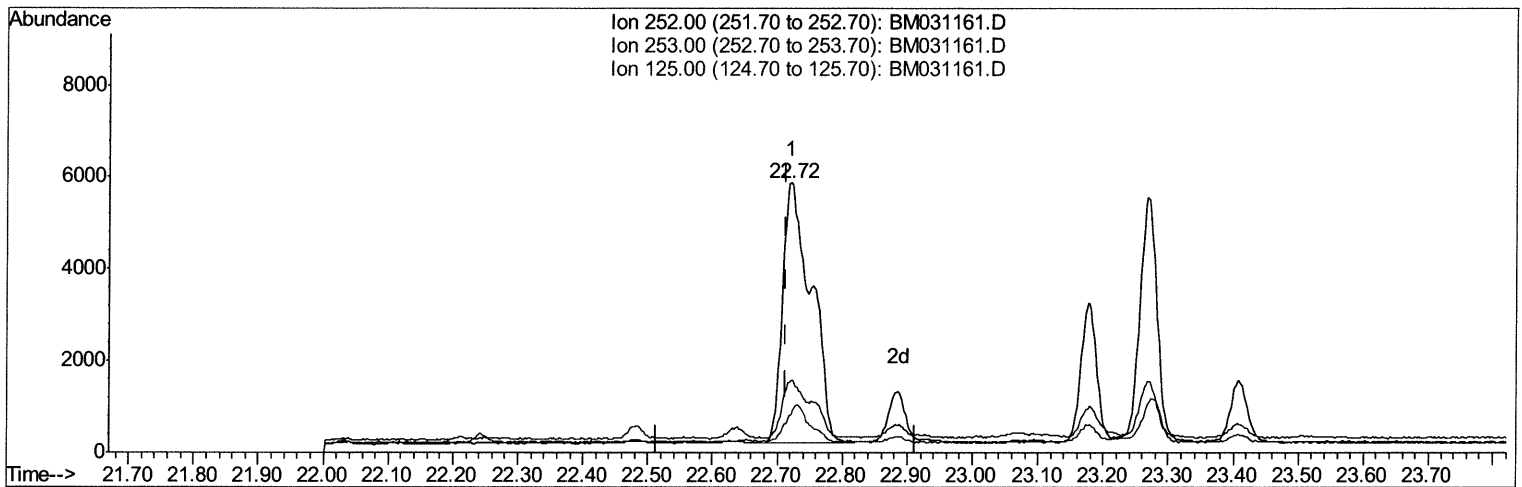
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TIC: BM031161.D

(24) Benzo(b)fluoranthene

22.721min (+0.008) 0.62ng/ul

response 17461

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	26.66
125.00	10.10	14.29
0.00	0.00	0.00

Quantitation Report (Qedit)

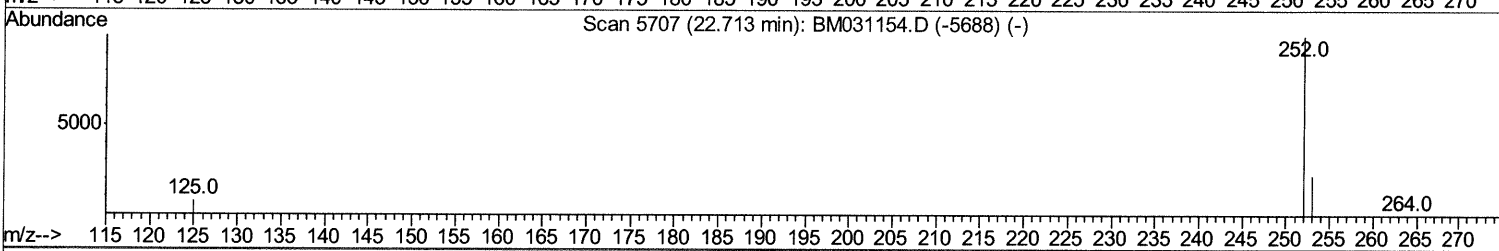
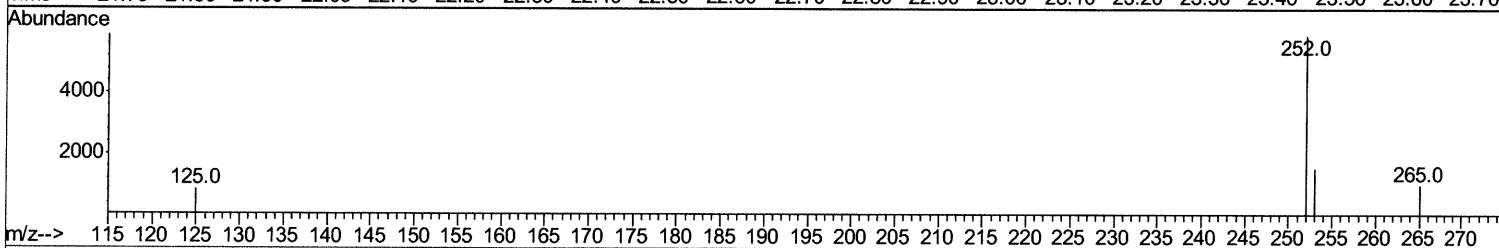
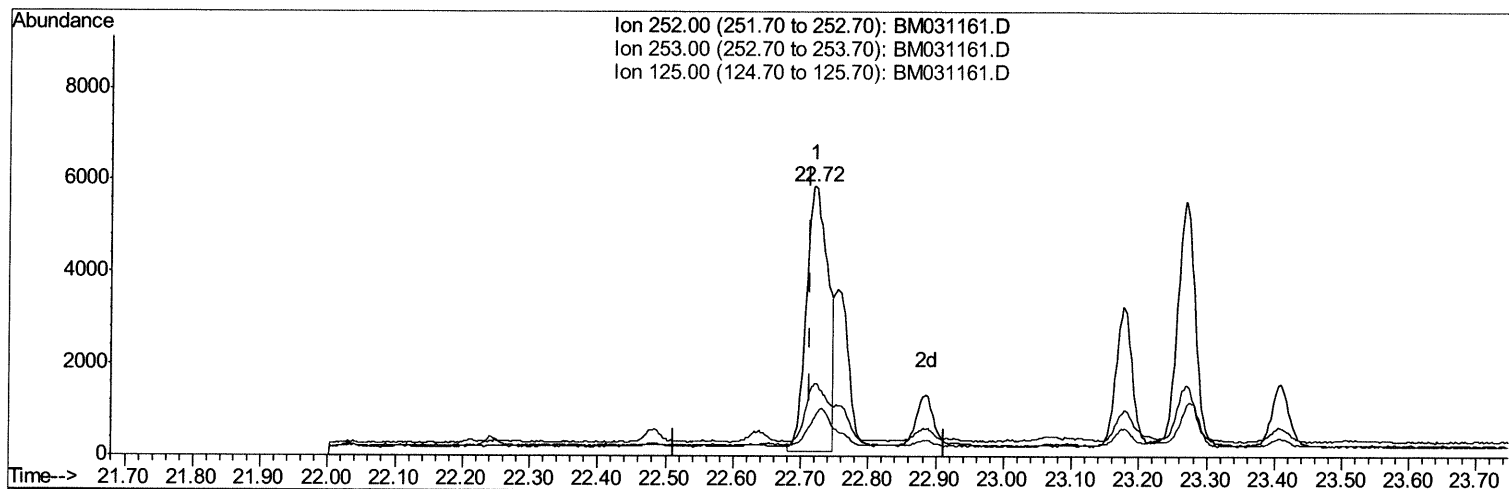
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TIC: BM031161.D

(24) Benzo(b)fluoranthene

22.721min (+0.008) 0.46ng/ul m

response 12860

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	26.66
125.00	10.10	14.29
0.00	0.00	0.00

JY 7/27/21
 JY 7/29/21

Quantitation Report (Qedit)

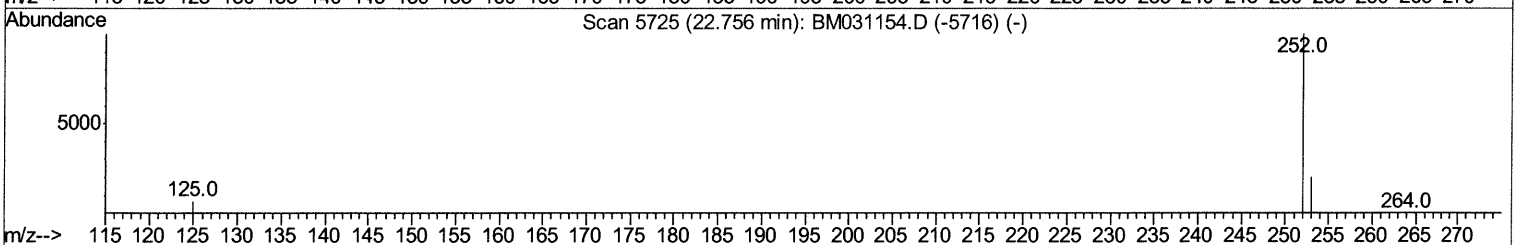
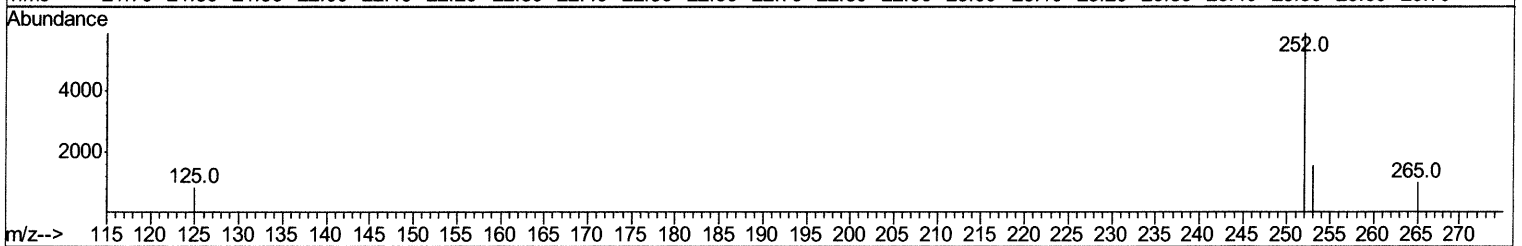
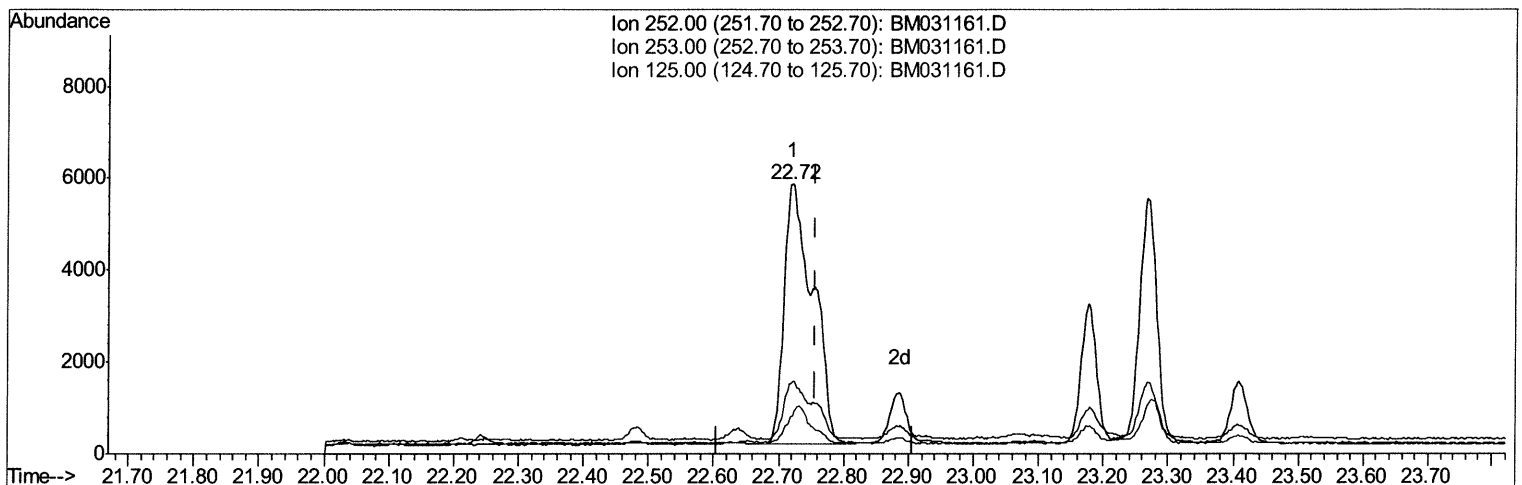
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TIC: BM031161.D

(25) Benzo(k)fluoranthene
 22.721min (-0.036) 0.62ng/ul
 response 17461

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	26.66
125.00	10.80	14.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

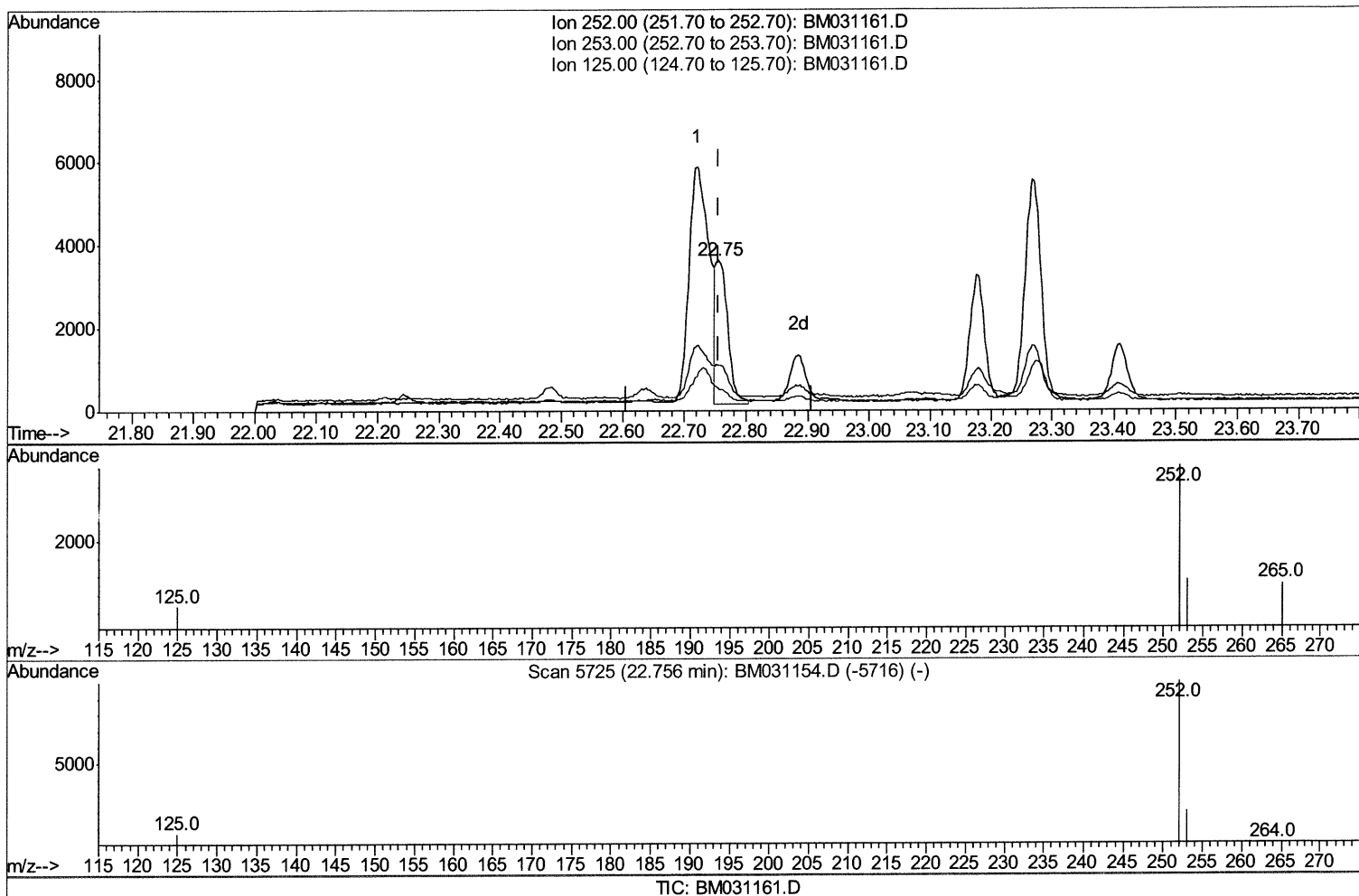
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(25) Benzo(k)fluoranthene

22.755min (-0.002) 0.18ng/ul m

response 4998

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	30.52
125.00	10.80	15.06#
0.00	0.00	0.00

Handwritten notes:
 7/27/21
 7/27/29/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1385	0.40	ng/ul	0.00
4) Naphthalene-d8	10.40	136	5289	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.26	164	3440	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.01	188	7329	0.40	ng/ul	0.00
17) Chrysene-d12	21.19	240	6678	0.40	ng/ul	0.00
23) Perylene-d12	23.36	264	5949	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.22	96	656	0.45	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.99	152	259	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.03	212	617	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.45	128	916	0.058	ng/ul#	86
10) Acenaphthylene	13.98	152	344	0.024	ng/ul#	68
11) Acenaphthene	14.32	153	273	0.022	ng/ul	95
15) Phenanthrene	17.04	178	5263	0.226	ng/ul	99
16) Anthracene	17.14	178	2595	0.119	ng/ul	97
19) Fluoranthene	19.07	202	22361	0.832	ng/ul	98
20) Pyrene	19.43	202	19118	0.697	ng/ul	98
21) Benzo(a)anthracene	21.18	228	11904	0.446	ng/ul	95
22) Chrysene	21.23	228	10468	0.363	ng/ul	97
24) Benzo(b)fluoranthene	22.72	252	12860m	0.460	ng/ul	95
25) Benzo(k)fluoranthene	22.75	252	4998m	0.176	ng/ul	95
26) Benzo(a)pyrene	23.27	252	9803	0.405	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.51	276	4942	0.156	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.53	278	1288	0.051	ng/ul#	59
29) Benzo(a,h,i)perylene	26.17	276	3436	0.128	ng/ul#	91

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

→ July 29/21