

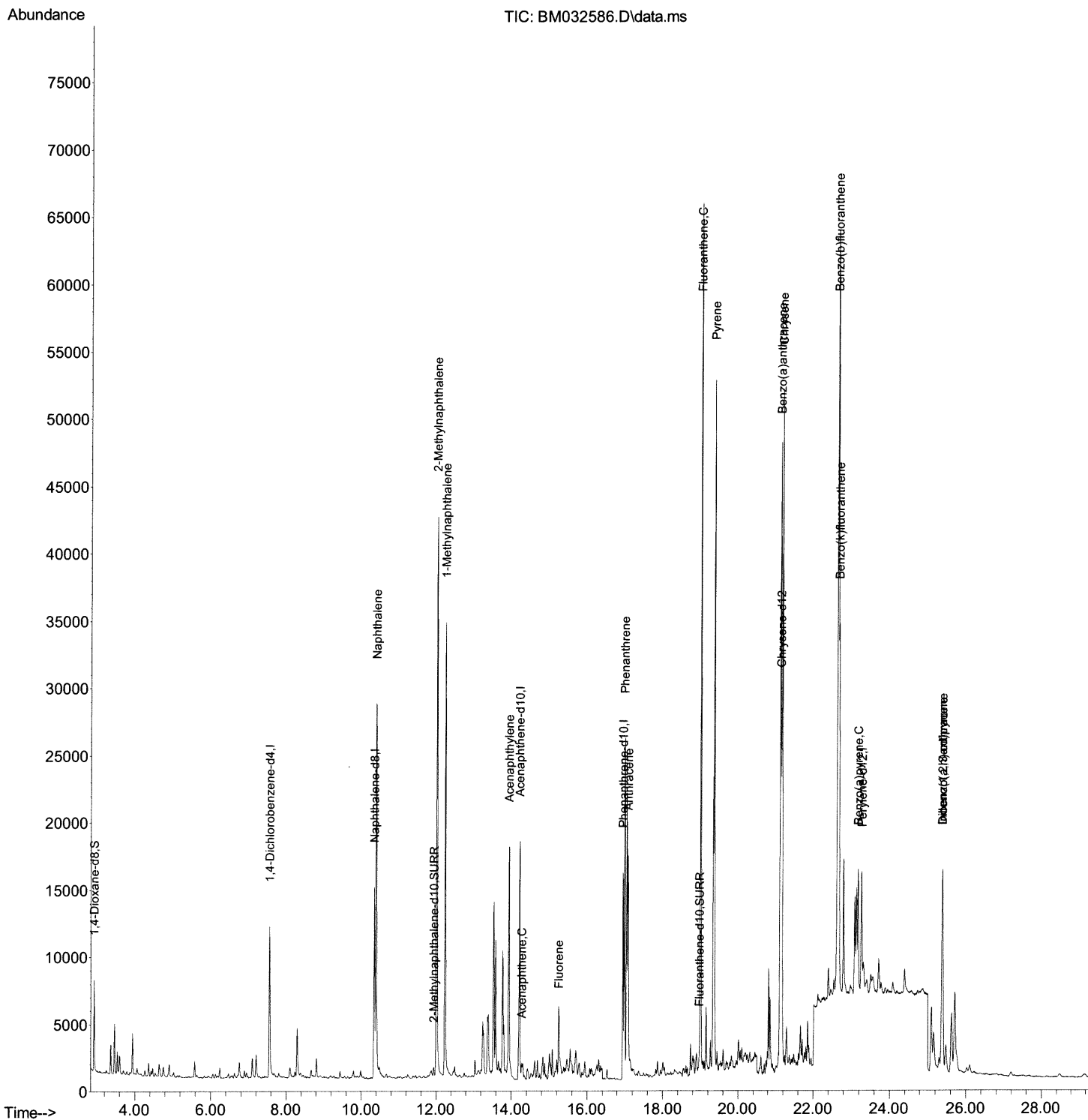
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032586.D
Acq On : 19 Oct 2021 16:23
Operator : CG/JU
Sample : M4181-19DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B28DL

Manual Integrations
APPROVED

mohammad
10/20/2021 1:55:25 PM

Quant Time: Oct 19 16:56:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

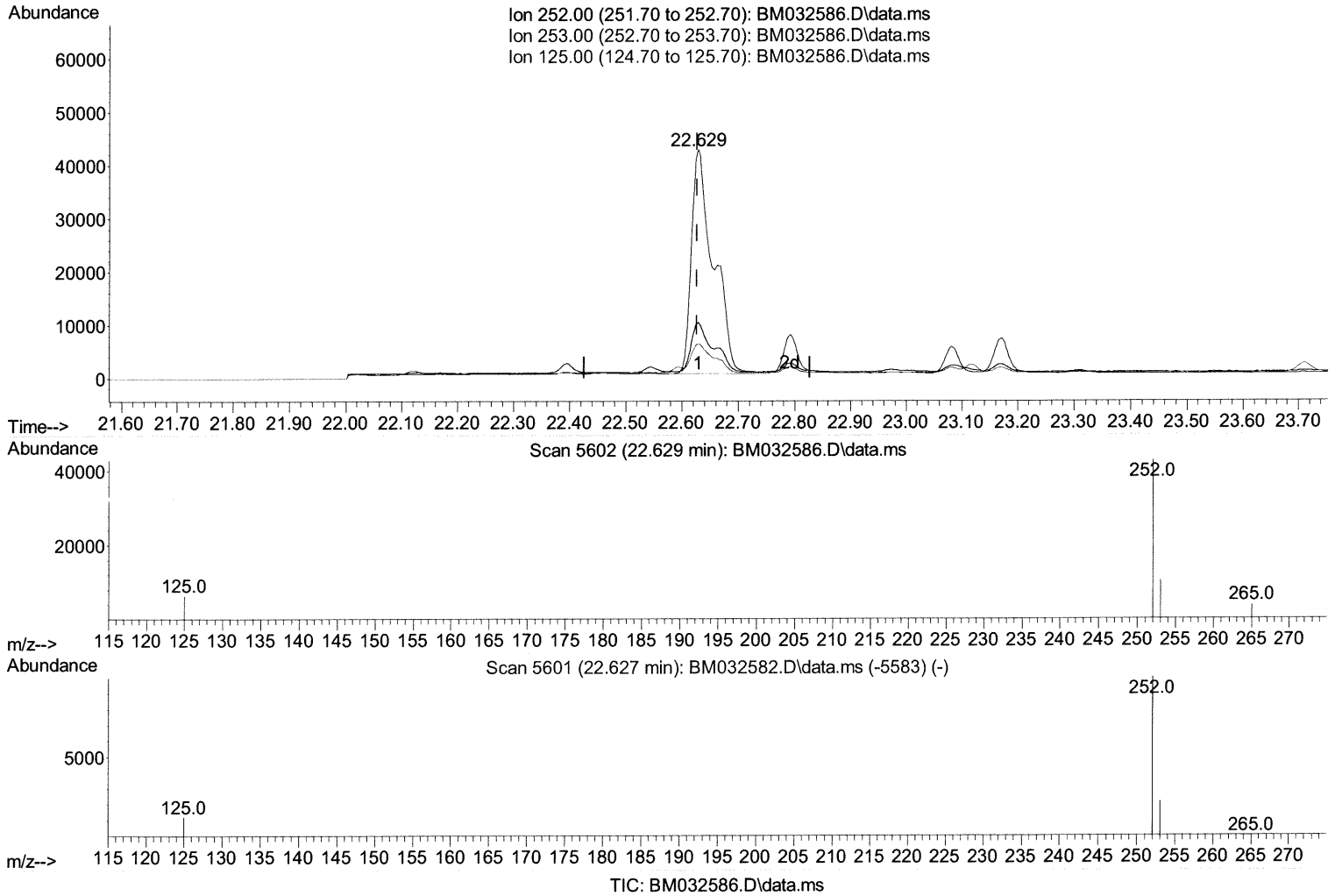
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(24) Benzo(b)fluoranthene

22.629min (+ 0.002) 2.23 ng/ul

response 113760

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	24.47
125.00	17.80	15.00
0.00	0.00	0.00

Quantitation Report (Qedit)

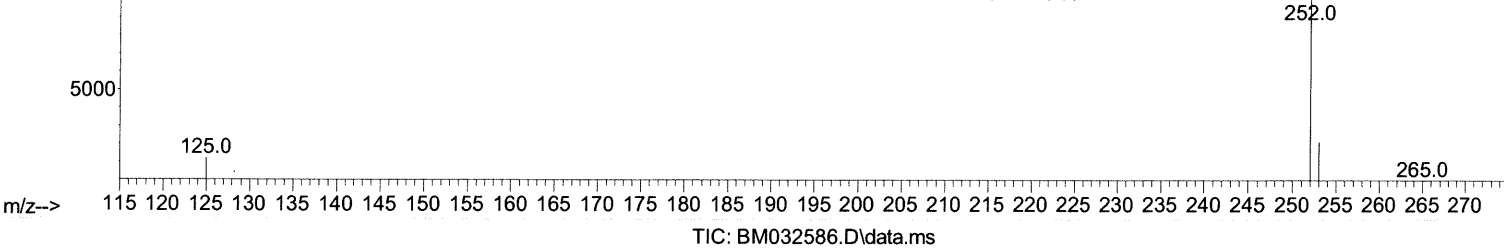
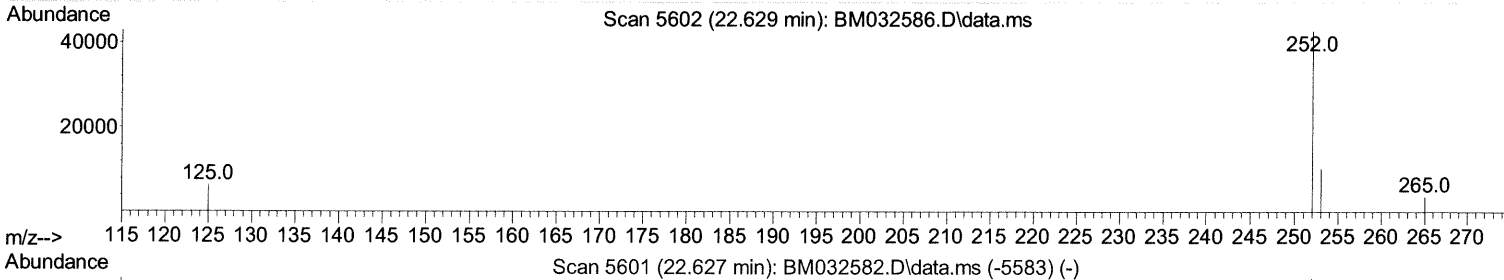
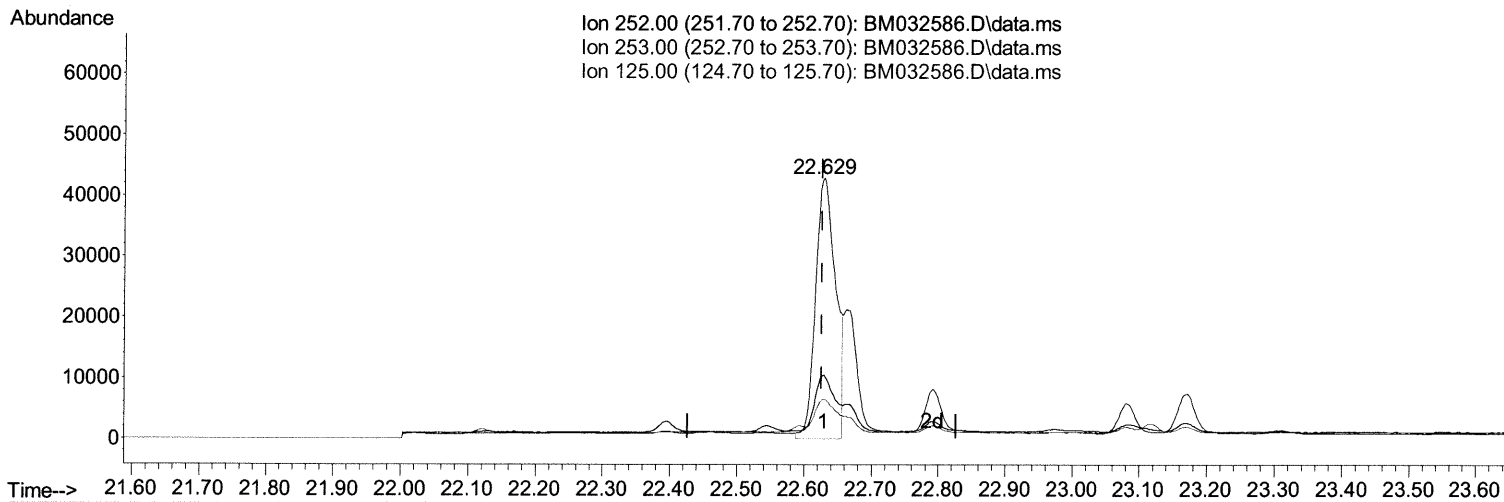
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(24) Benzo(b)fluoranthene

22.629min (+ 0.002) 1.72 ng/ul m 10/21/21 JU

response 87863

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	24.47
125.00	17.80	15.00
0.00	0.00	0.00

Quantitation Report (Qedit)

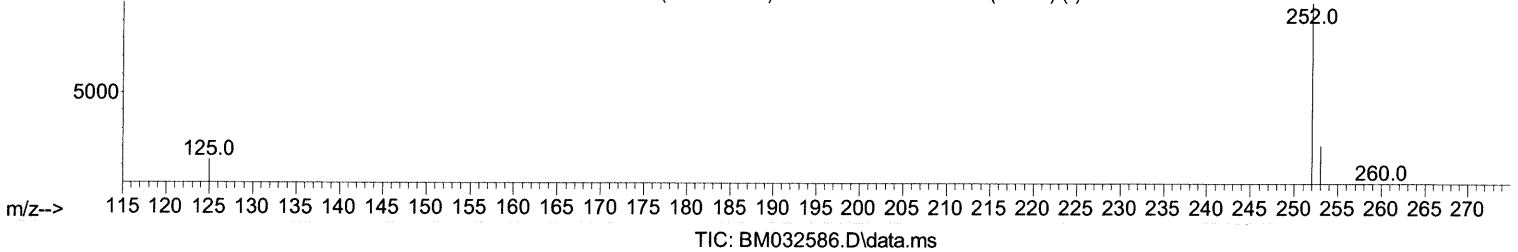
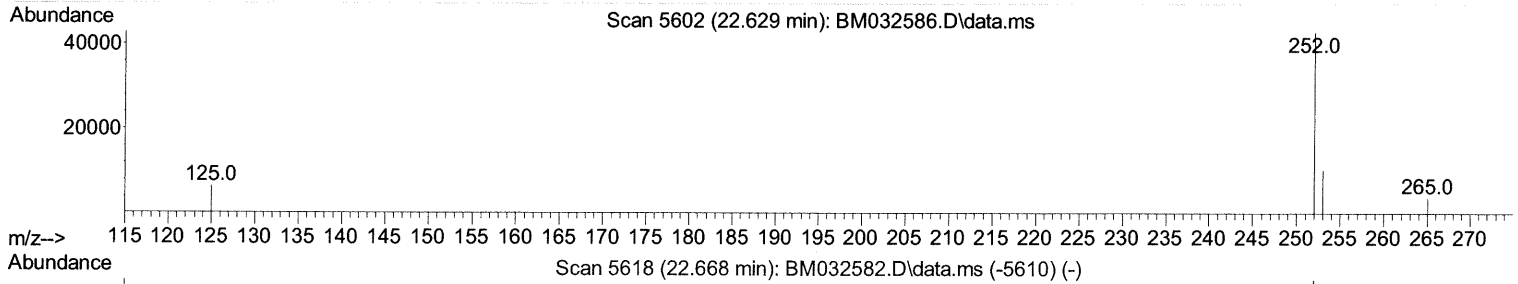
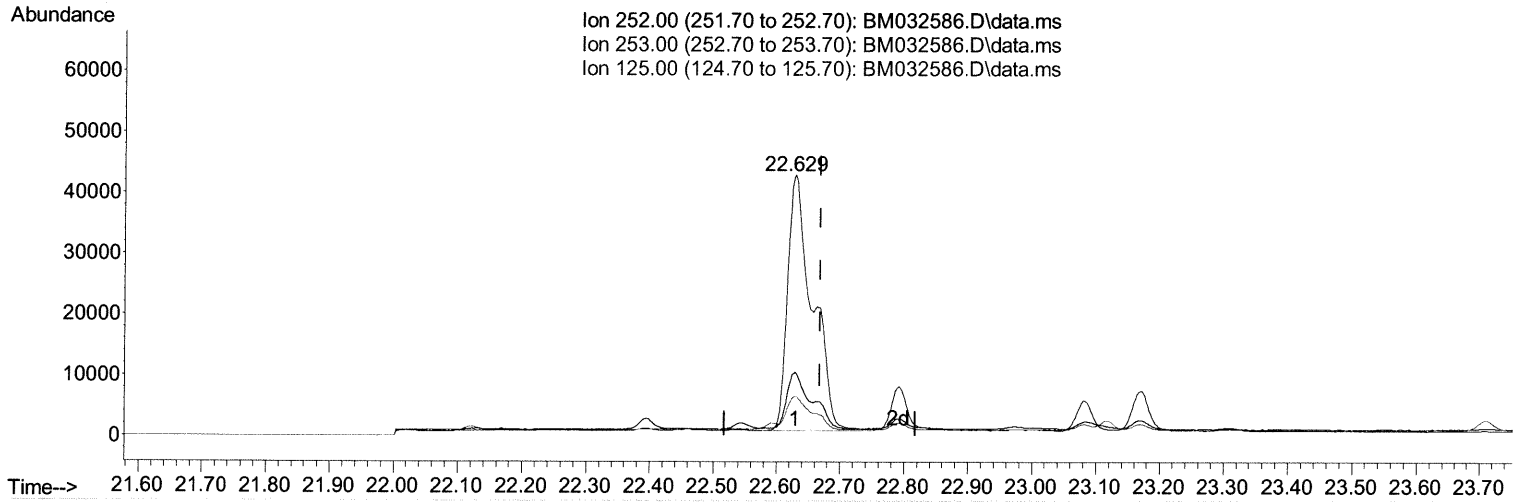
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(25) Benzo(k)fluoranthene

22.629min (-0.039) 2.24 ng/ul

response 113760

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	24.47
125.00	18.00	15.00
0.00	0.00	0.00

Quantitation Report (Qedit)

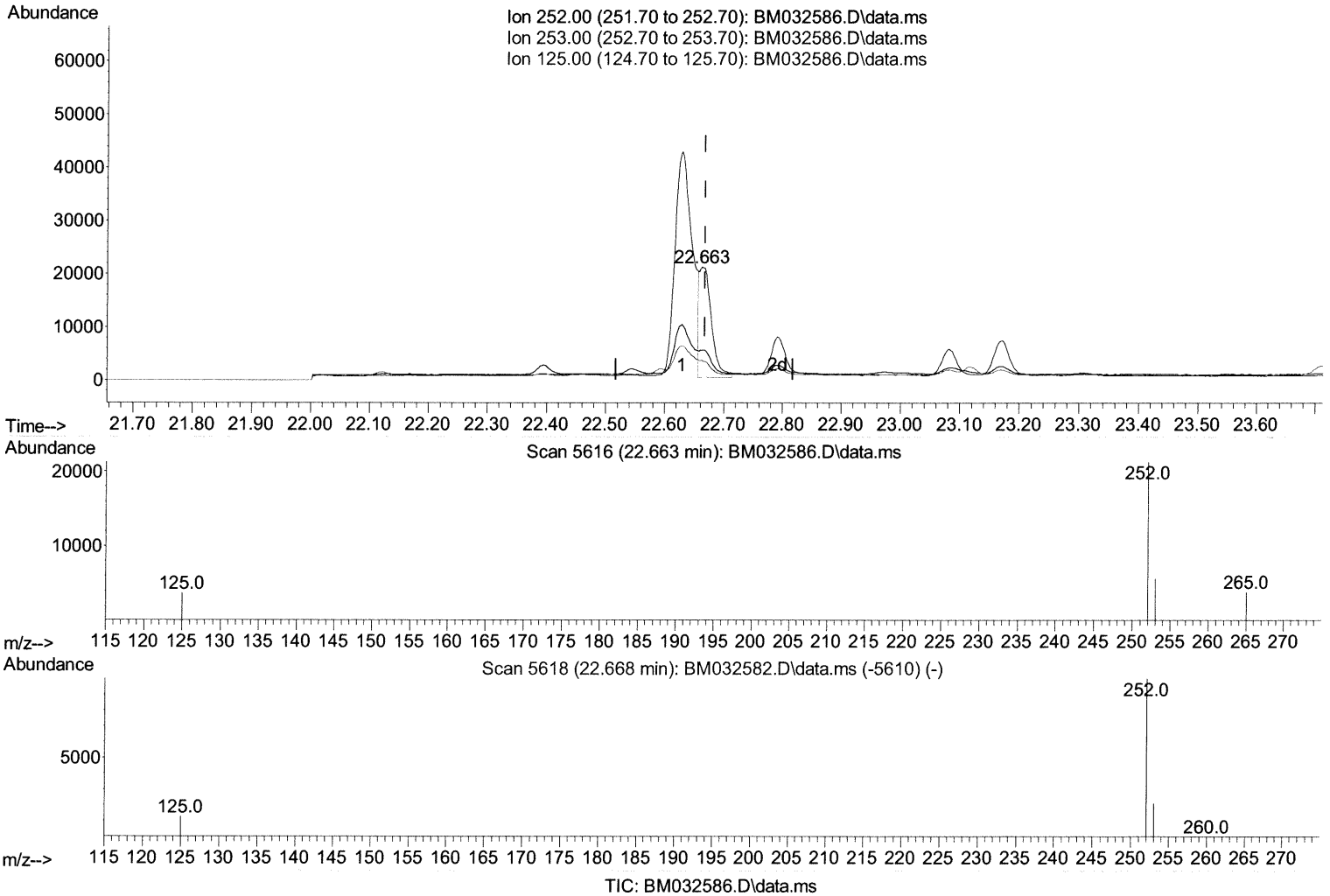
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(25) Benzo(k)fluoranthene

22.663min (-0.005) 0.60 ng/ul m 10/21/21 JU

response 30449

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	26.63
125.00	18.00	17.39
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	6072	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	19545	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	9416	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	16851	0.400	ng/ul	0.00
17) Chrysene-d12	21.123	240	11643	0.400	ng/ul	0.00
23) Perylene-d12	23.264	264	11025	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	4097	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1116	0.043	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	1688	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.393	128	38545	0.650	ng/ul	98
7) 2-Methylnaphthalene	12.012	142	31157	0.804	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	23734	0.620	ng/ul	99
10) Acenaphthylene	13.933	152	17262	0.429	ng/ul	100
11) Acenaphthene	14.277	153	906	0.025	ng/ul#	87
12) Fluorene	15.263	166	1629	0.039	ng/ul#	64
15) Phenanthrene	16.988	178	27423	0.484	ng/ul	100
16) Anthracene	17.078	178	17851	0.359	ng/ul	99
19) Fluoranthene	19.004	202	54075	0.939	ng/ul	100
20) Pyrene	19.366	202	40894	0.690	ng/ul	99
21) Benzo(a)anthracene	21.106	228	36646	0.805	ng/ul	96
22) Chrysene	21.157	228	53600	1.071	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	87863m	1.725	ng/ul	>
25) Benzo(k)fluoranthene	22.663	252	30449m	0.600	ng/ul	>
26) Benzo(a)pyrene	23.172	252	11941	0.280	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.376	276	19128	0.366	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.376	278	9909	0.241	ng/ul#	91

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

10/21/2021