

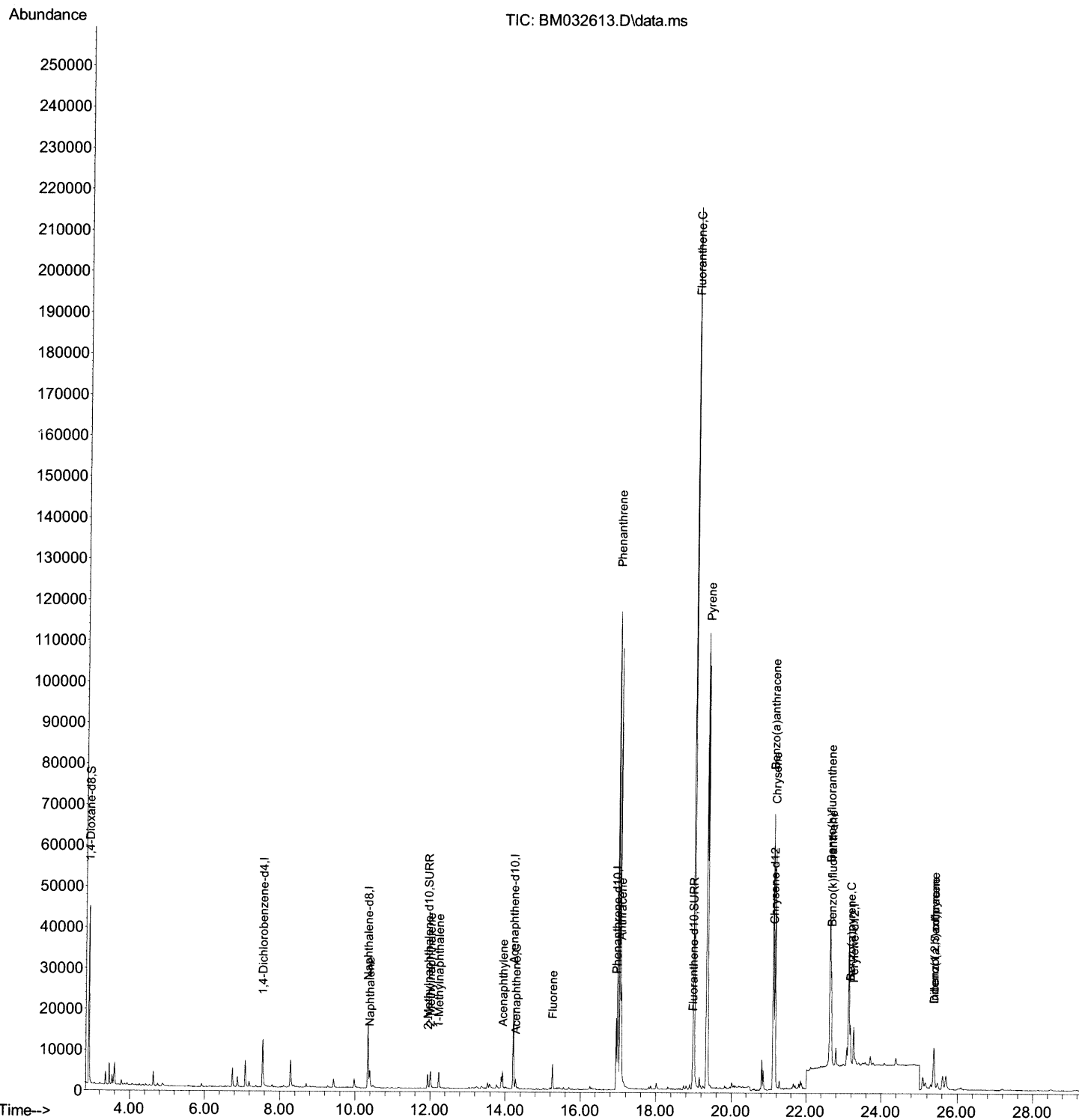
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032613.D
Acq On : 20 Oct 2021 11:03
Operator : CG/JU
Sample : M4181-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B09

Manual Integrations
APPROVED

mohammad
10/20/2021 1:56:12 PM

Quant Time: Oct 20 12:03:20 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)

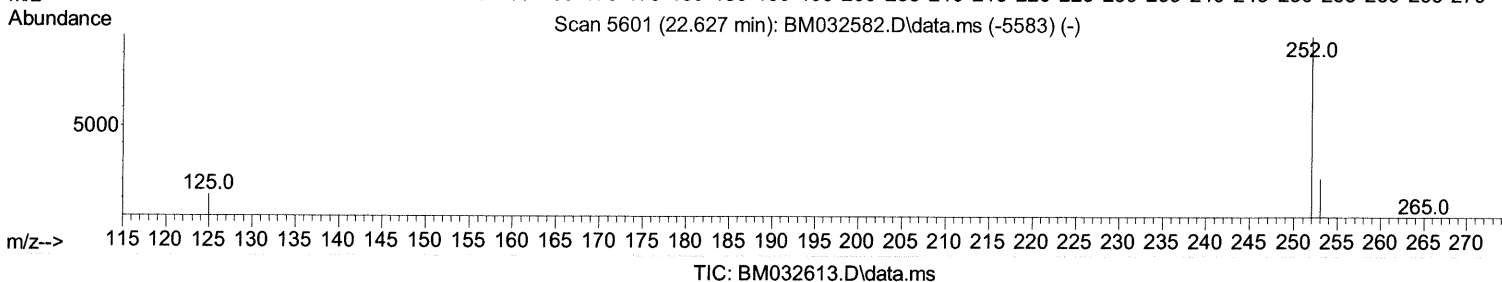
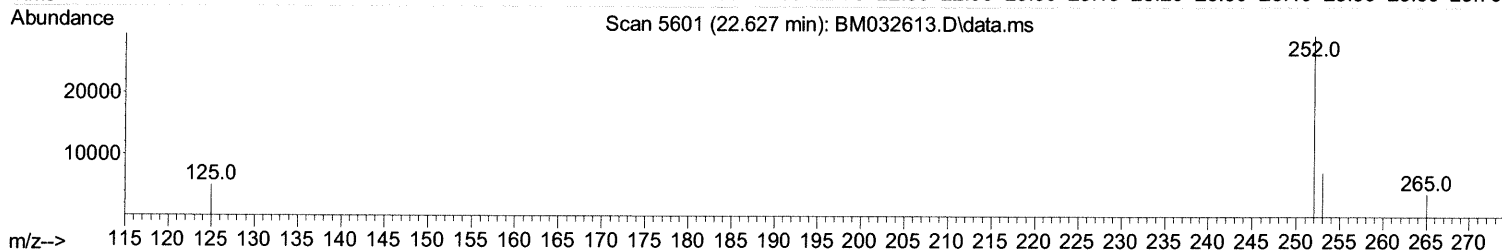
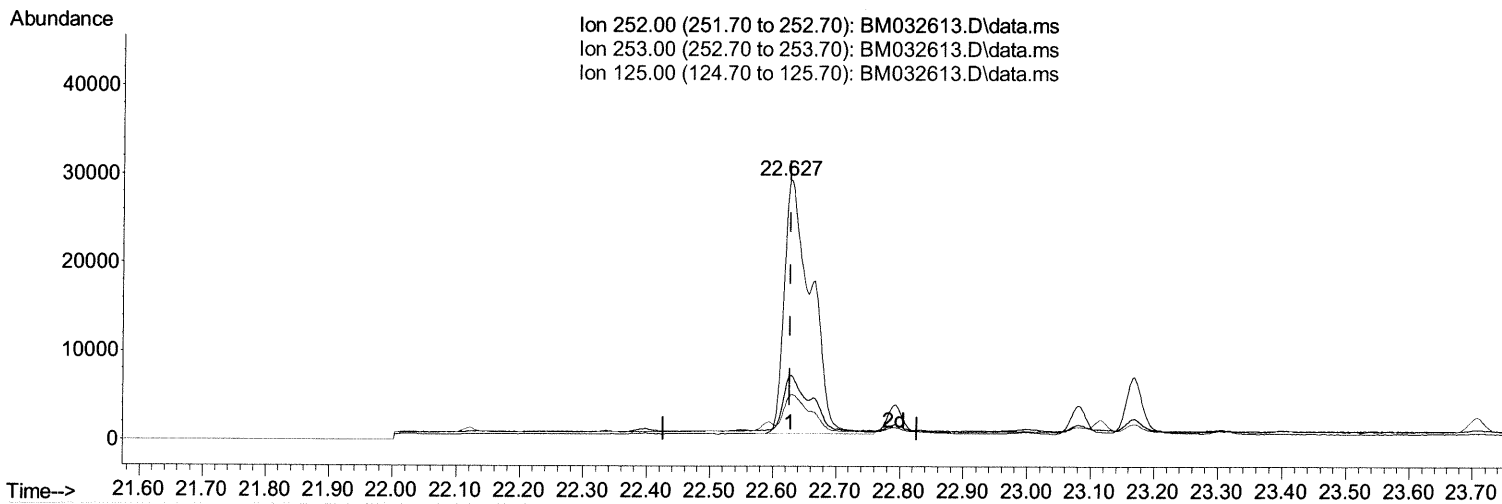
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(24) Benzo(b)fluoranthene

22.627min (+ 0.000) 1.61 ng/u1

response 84721

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	24.66
125.00	17.80	17.12
0.00	0.00	0.00

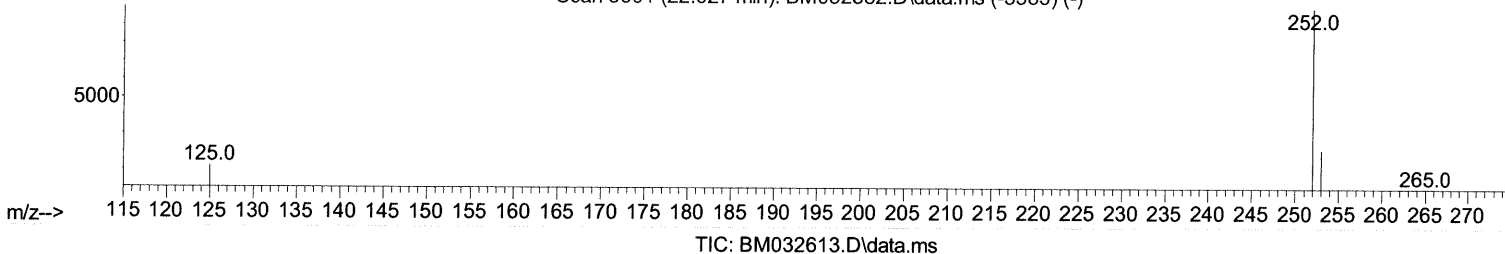
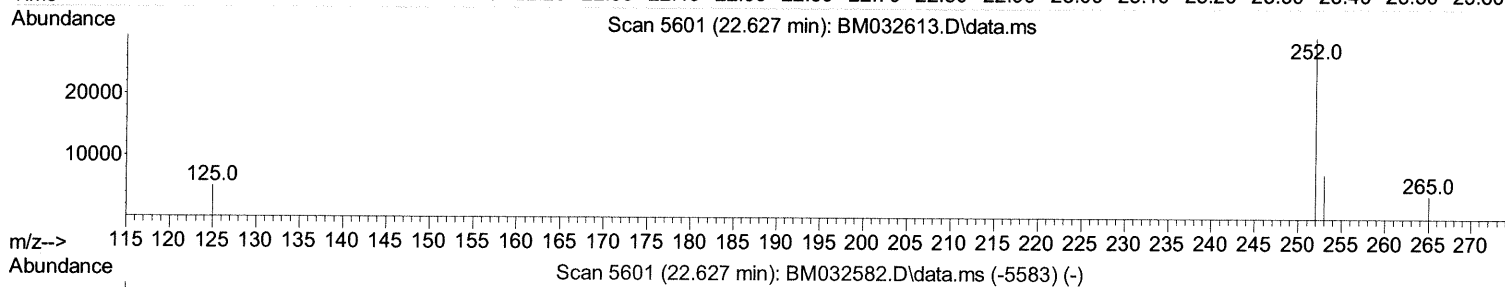
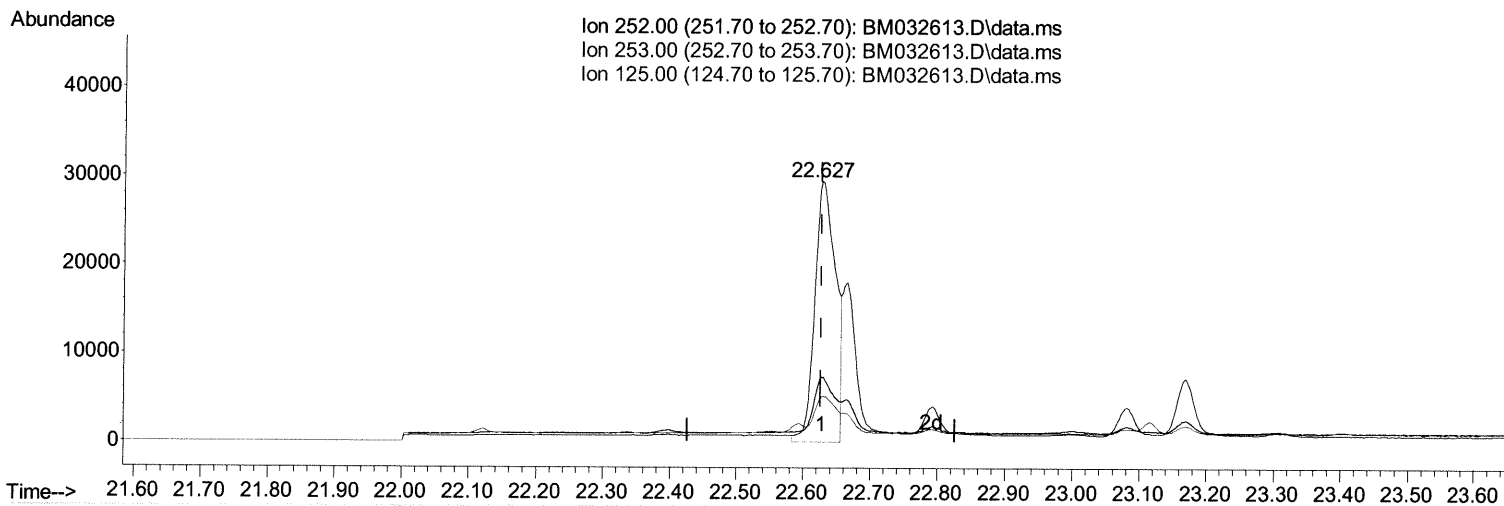
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(24) Benzo(b)fluoranthene

22.627min (+ 0.000) 1.20 ng/ul m 10/21/21 JU

response 63173

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	24.66
125.00	17.80	17.12
0.00	0.00	0.00

Quantitation Report (Qedit)

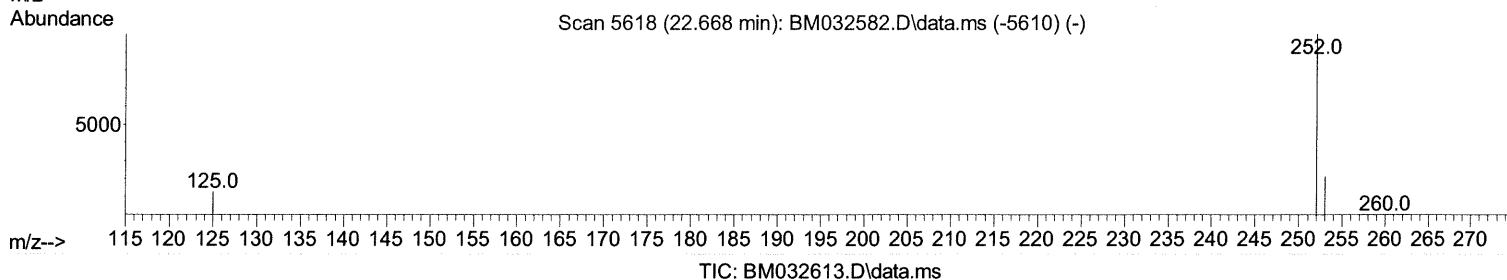
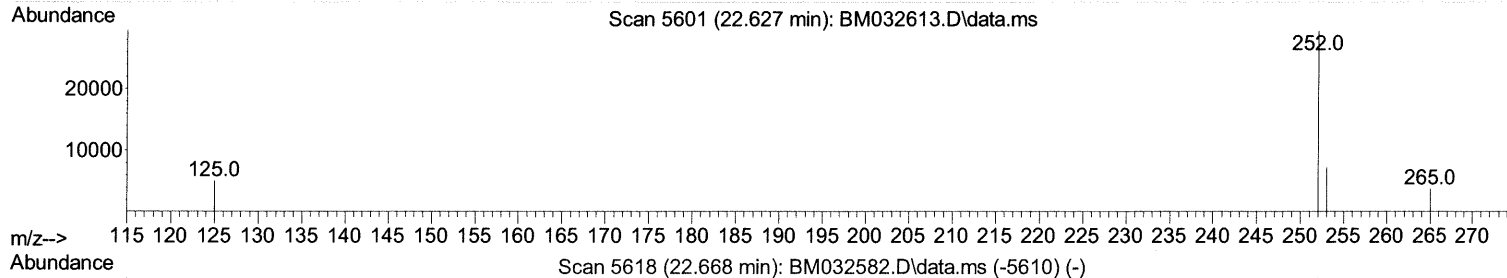
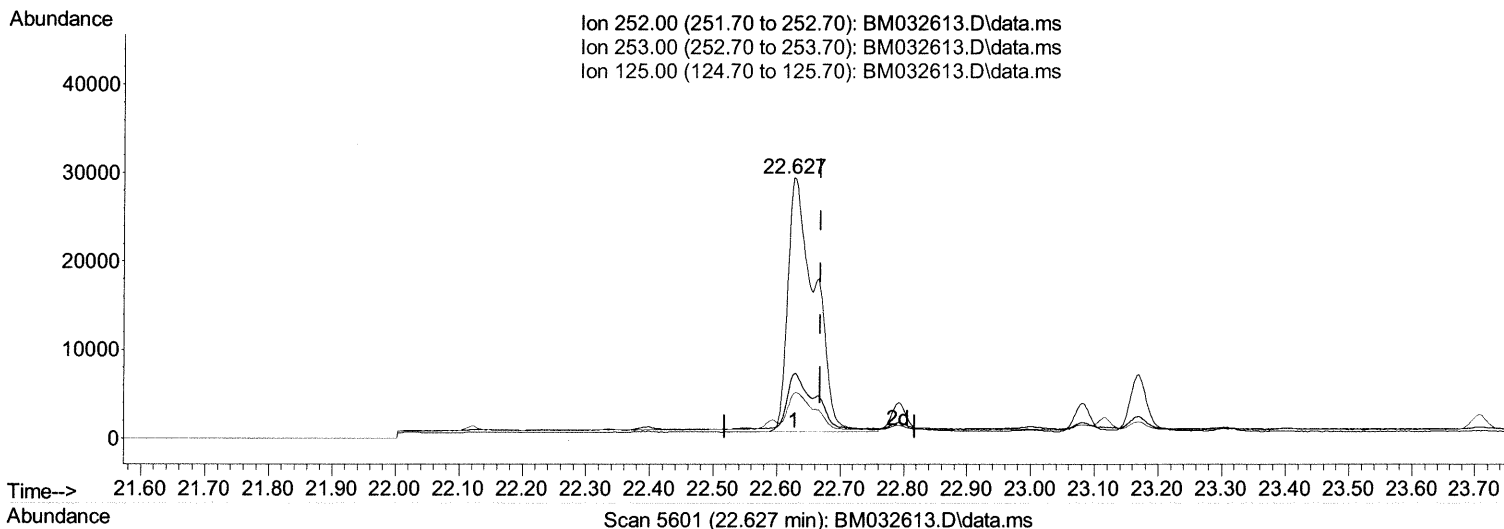
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Instrument :
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(25) Benzo(k)fluoranthene

22.627min (-0.041) 1.61 ng/ul

response 84721

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	24.66
125.00	18.00	17.12
0.00	0.00	0.00

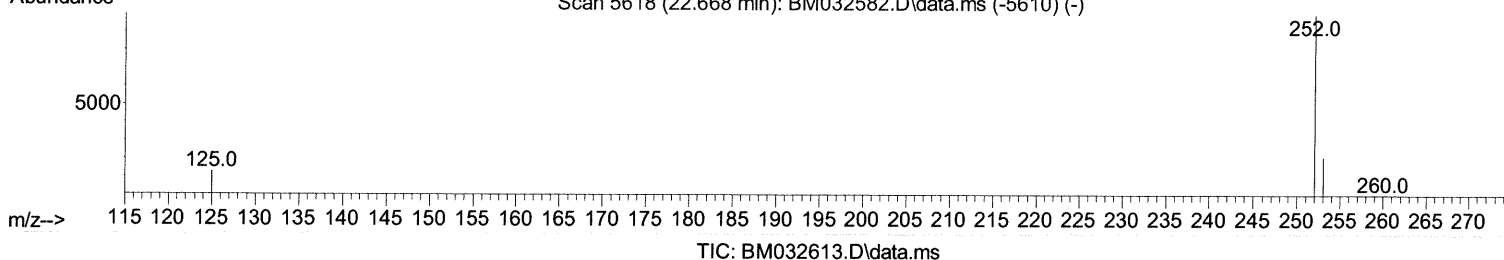
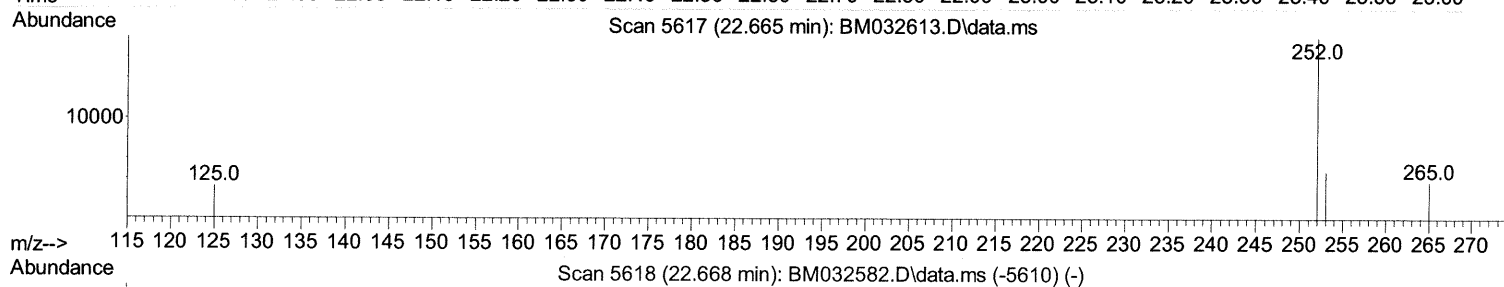
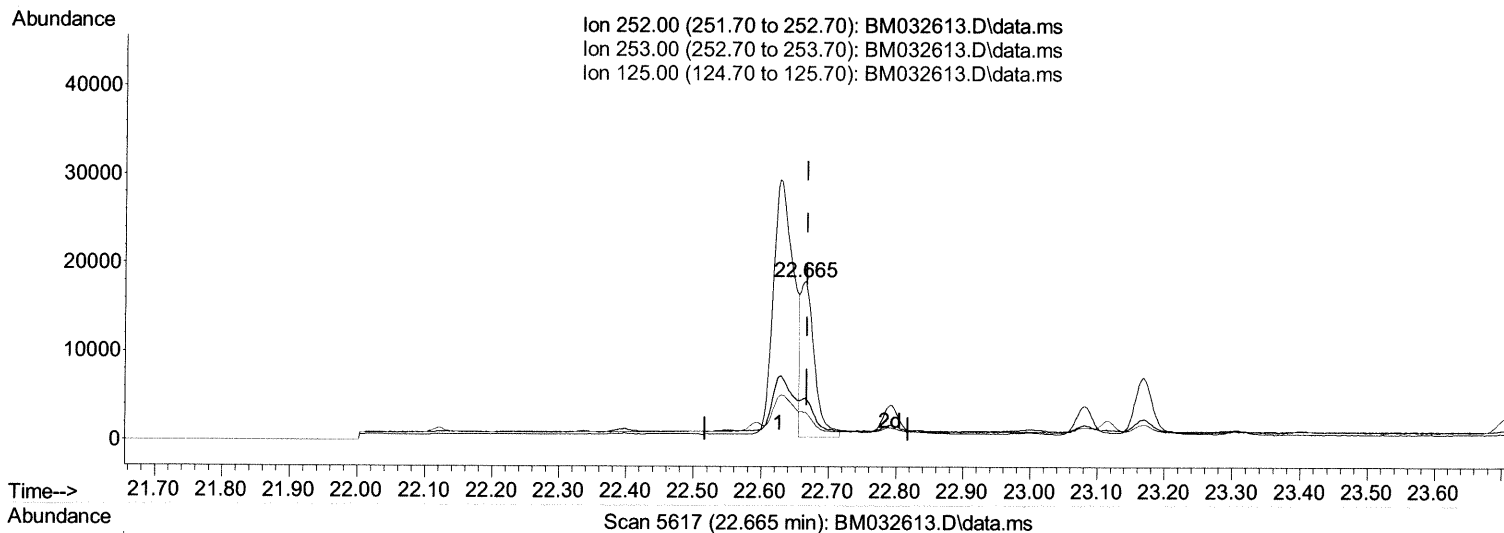
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(25) Benzo(k)fluoranthene

22.665min (-0.002) 0.48 ng/ul m 10/21/21 JU

response 25012

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	26.41
125.00	18.00	17.91
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	7.553	152	6815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	21912	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	10653	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	19581	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	13383	0.400	ng/ul	0.00
23) Perylene-d12	23.264	264	11416	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.917	96	25000	3.273	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.936	152	5095	0.174	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	7946	0.189	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.389	128	5907	0.089	ng/ul	97
7) 2-Methylnaphthalene	12.012	142	3556	0.082	ng/ul	99
8) 1-Methylnaphthalene	12.233	142	2895	0.067	ng/ul	99
10) Acenaphthylene	13.928	152	4799	0.106	ng/ul	99
11) Acenaphthene	14.274	153	1435	0.035	ng/ul	95
12) Fluorene	15.260	166	4090	0.088	ng/ul#	99
15) Phenanthrene	16.988	178	119565	1.816	ng/ul	98
16) Anthracene	17.075	178	24206	0.419	ng/ul	100
19) Fluoranthene	19.004	202	178344	2.693	ng/ul	98
20) Pyrene	19.362	202	81623	1.199	ng/ul	100
21) Benzo(a)anthracene	21.109	228	54566	1.043	ng/ul	100
22) Chrysene	21.159	228	55451	0.964	ng/ul	99
24) Benzo(b)fluoranthene	22.627	252	63173m	1.198	ng/ul	> 10/21/21 JU
25) Benzo(k)fluoranthene	22.665	252	25012m	0.476	ng/ul	
26) Benzo(a)pyrene	23.169	252	11574	0.262	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.372	276	13298	0.246	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.374	278	6566	0.154	ng/ul#	87

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