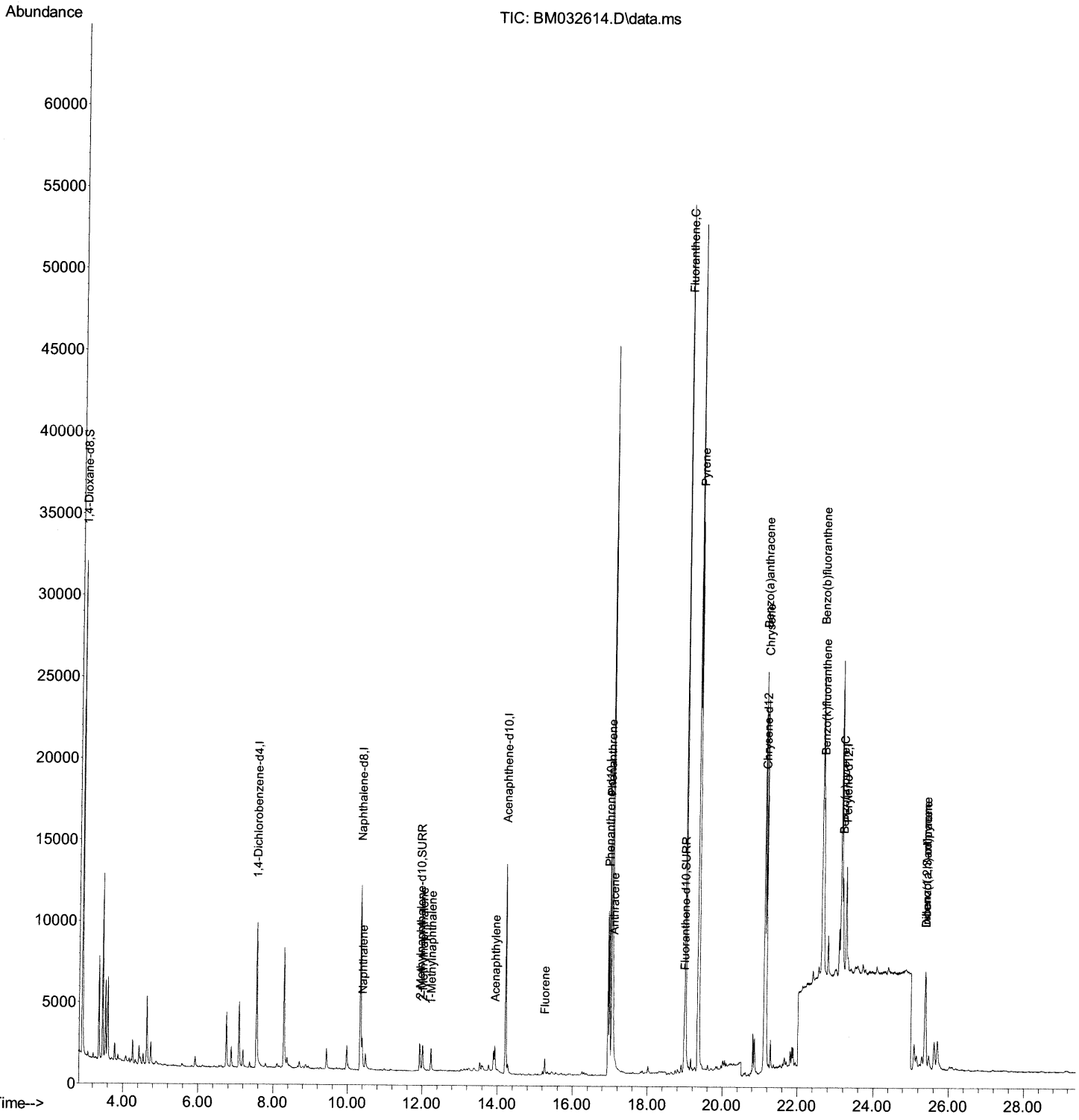
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032614.D
Acq On : 20 Oct 2021 11:48
Operator : CG/JU
Sample : M4181-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 20 13:11:40 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

Instrument :
BNA_M
ClientSampleId :
C0B43

Manual Integrations APPROVED
mohammad
10/21/2021 11:16:54 AM



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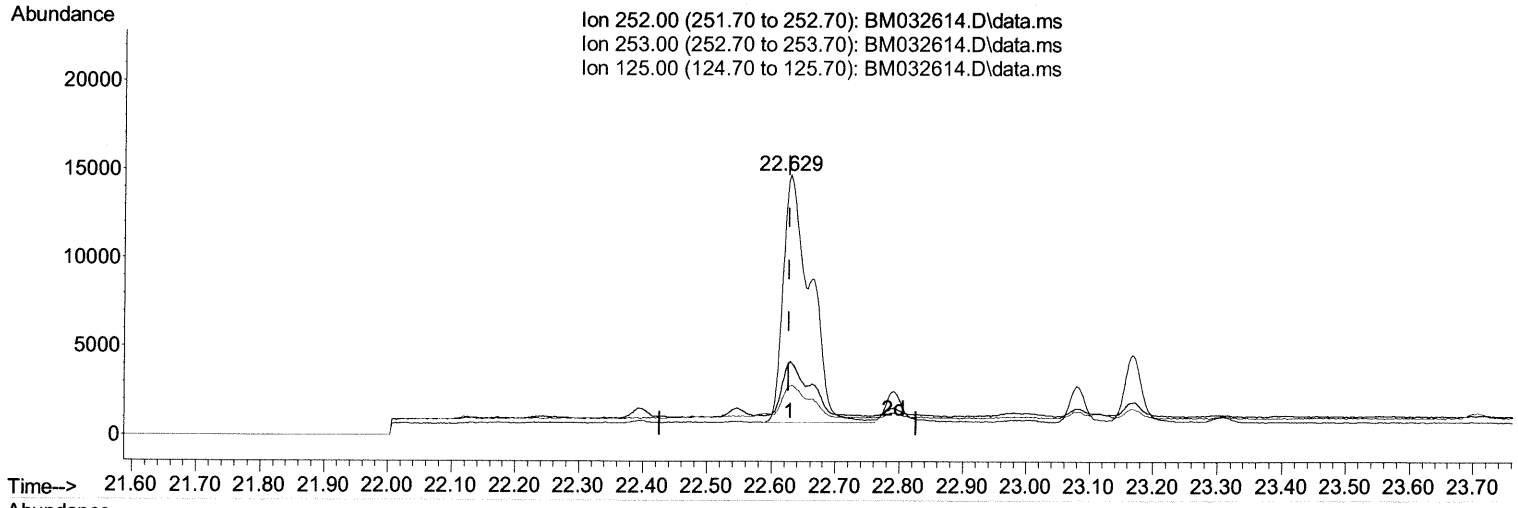

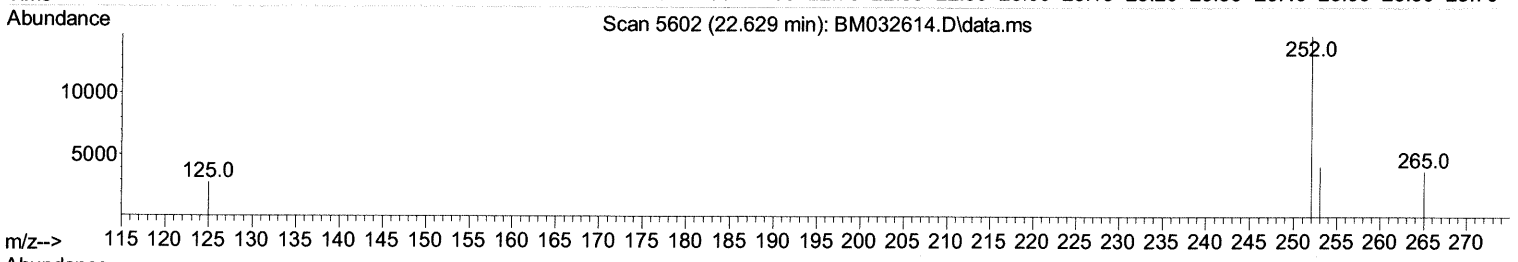

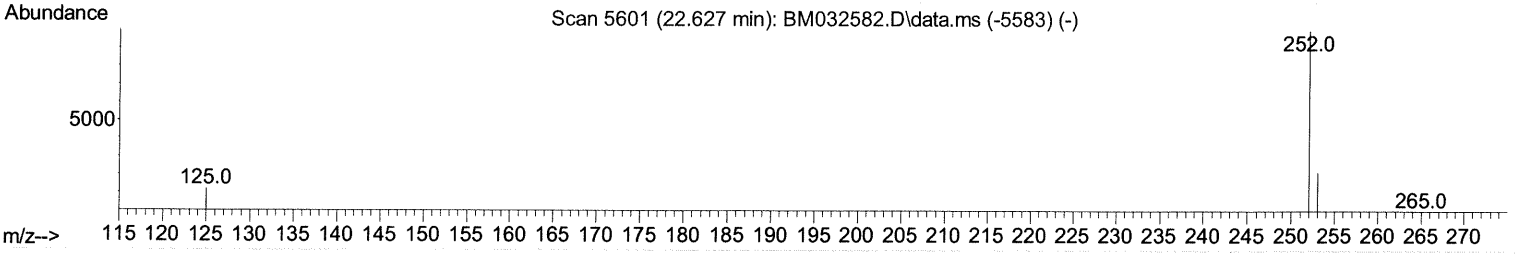

TIC: BM032614.D\data.ms

(24) Benzo(b)fluoranthene

22.629min (+ 0.002) 1.11 ng/ul

response 41211

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	28.39
125.00	17.80	19.10
0.00	0.00	0.00

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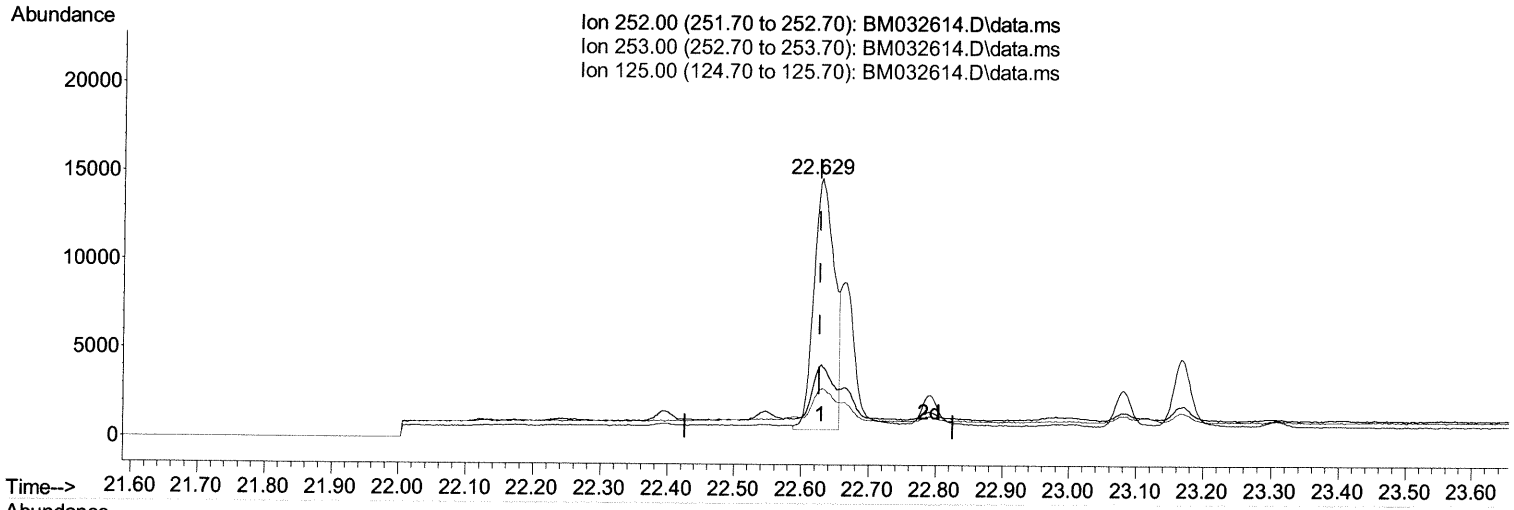

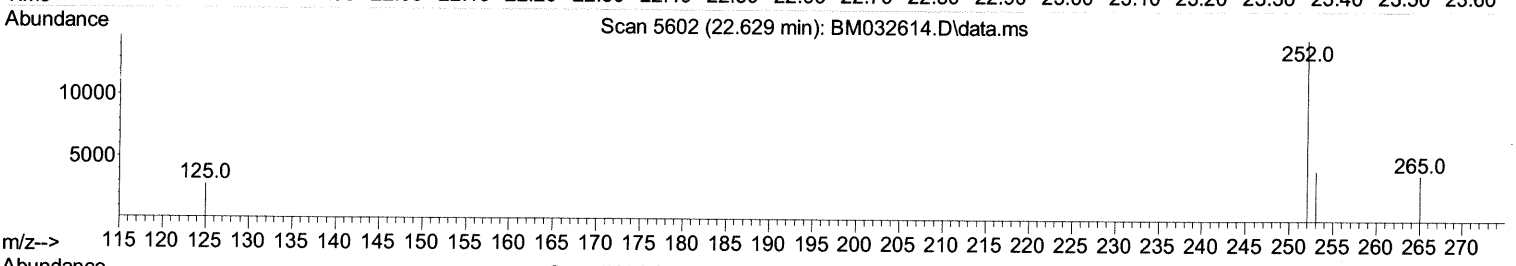

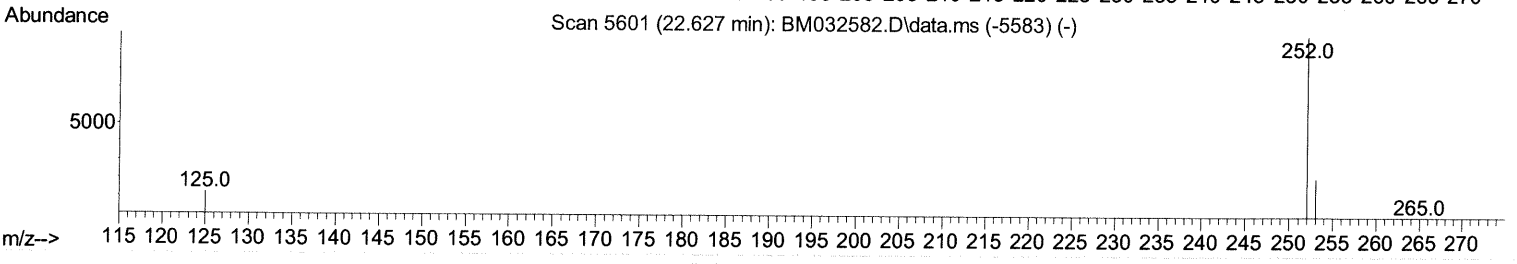

TIC: BM032614.D\data.ms

(24) Benzo(b)fluoranthene

22.629min (+ 0.002) 0.81 ng/ul m 10/22/21 JU

response 30077

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	28.39
125.00	17.80	19.10
0.00	0.00	0.00

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mohammad
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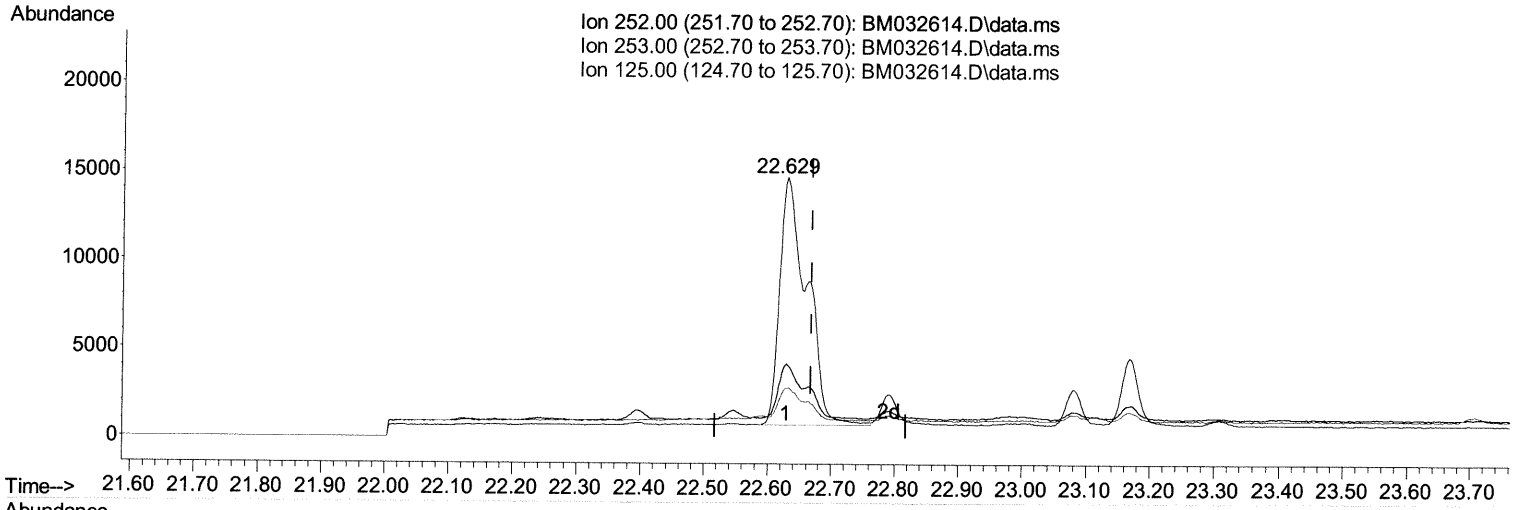

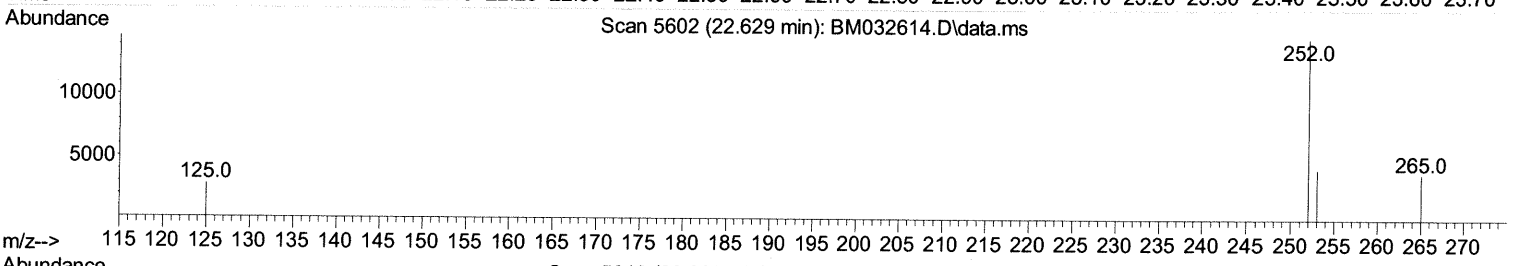

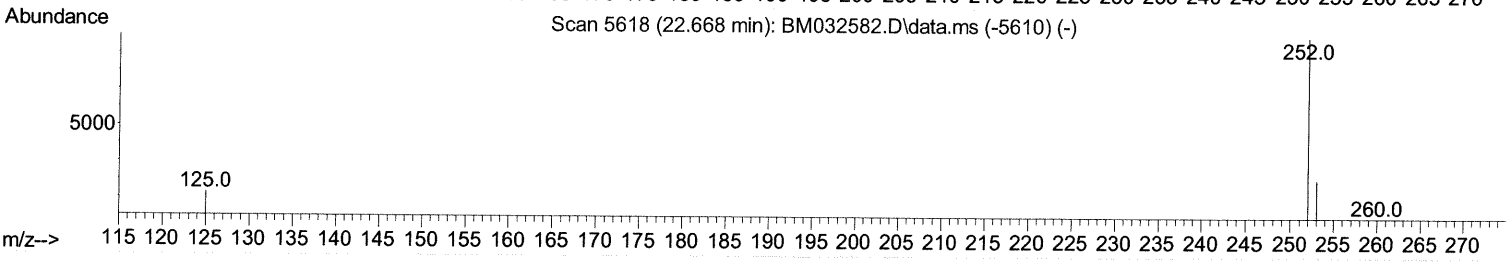

TIC: BM032614.D\data.ms

(25) Benzo(k)fluoranthene

22.629min (-0.039) 1.12 ng/ul

response 41211

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	28.39
125.00	18.00	19.10
0.00	0.00	0.00

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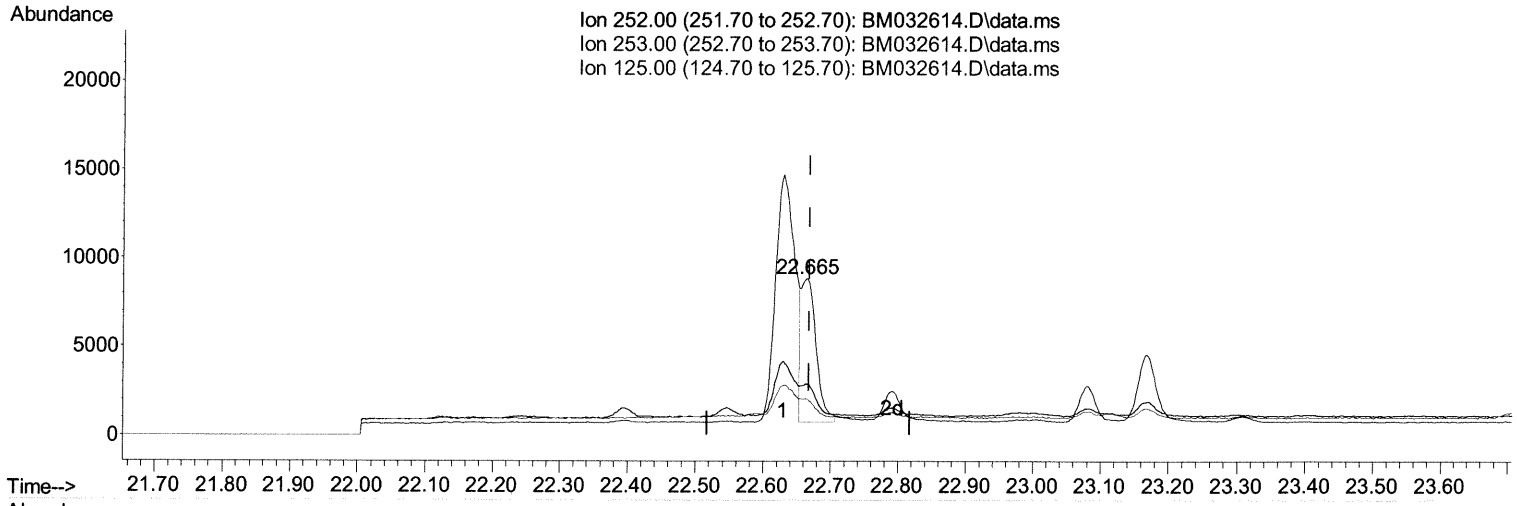

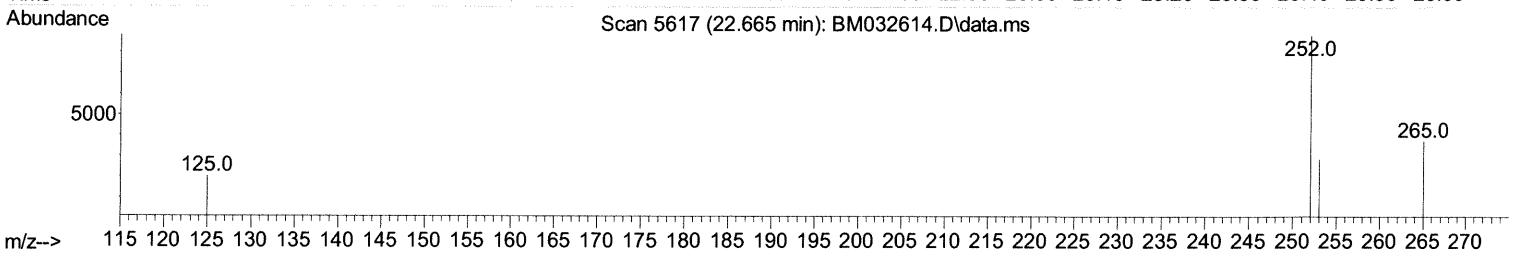

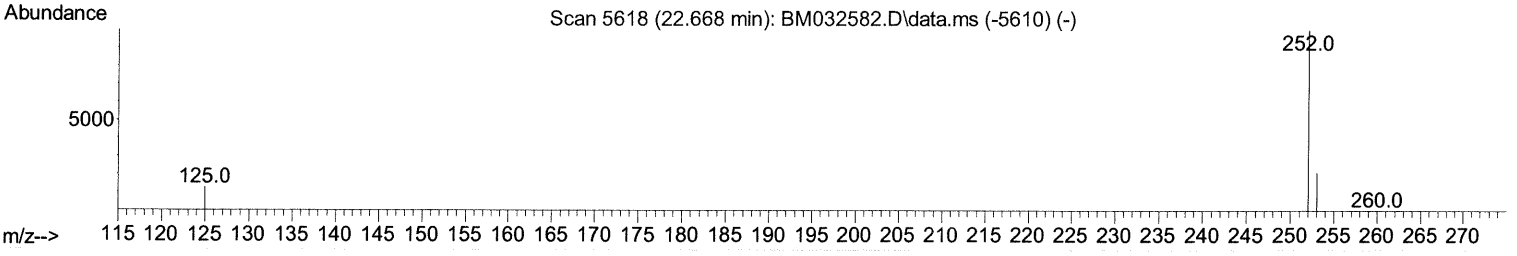

TIC: BM032614.D\data.ms

(25) Benzo(k)fluoranthene

22.665min (-0.003) 0.34 ng/ul m 10/22/21 JU

response 12441

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	32.58
125.00	18.00	22.91#
0.00	0.00	0.00

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10/21/2021 11:16:54 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5392	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	16467	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	7094	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	11744	0.400	ng/ul	0.00
17) Chrysene-d12	21.123	240	8577	0.400	ng/ul	0.00
23) Perylene-d12	23.261	264	8002	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	17873	2.957	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	2659	0.121	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	3646	0.135	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	2409	0.048	ng/ul#	92
7) 2-Methylnaphthalene	12.012	142	1396	0.043	ng/ul	97
8) 1-Methylnaphthalene	12.232	142	1047	0.032	ng/ul	98
10) Acenaphthylene	13.928	152	1917	0.063	ng/ul	92
12) Fluorene	15.259	166	657	0.021	ng/ul#	92
15) Phenanthrene	16.988	178	15099	0.382	ng/ul	100
16) Anthracene	17.078	178	4024	0.116	ng/ul	95
19) Fluoranthene	19.004	202	46083	1.086	ng/ul	99
20) Pyrene	19.366	202	27406	0.628	ng/ul	98
21) Benzo(a)anthracene	21.108	228	19897	0.594	ng/ul	98
22) Chrysene	21.159	228	22286	0.604	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	30077m	0.814	ng/ul	10/22/21 JU
25) Benzo(k)fluoranthene	22.665	252	12441m	0.338	ng/ul	
26) Benzo(a)pyrene	23.167	252	6875	0.222	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.371	276	7964	0.210	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.371	278	3389	0.113	ng/ul#	68

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