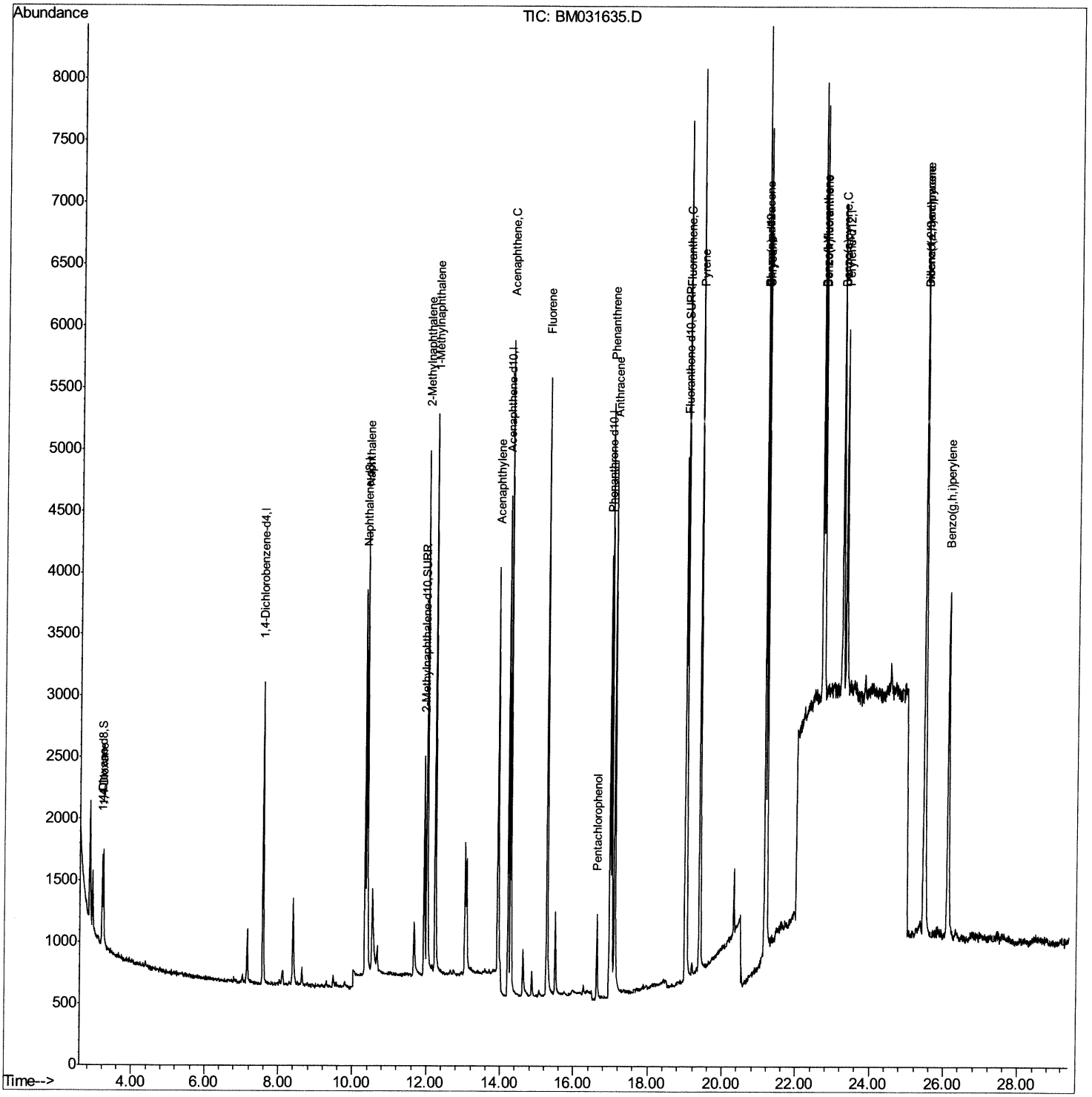
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031635.D
Acq On : 10 Aug 2021 11:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 10 11:48:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 10:16:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
8/10/2021 4:37:16 PM



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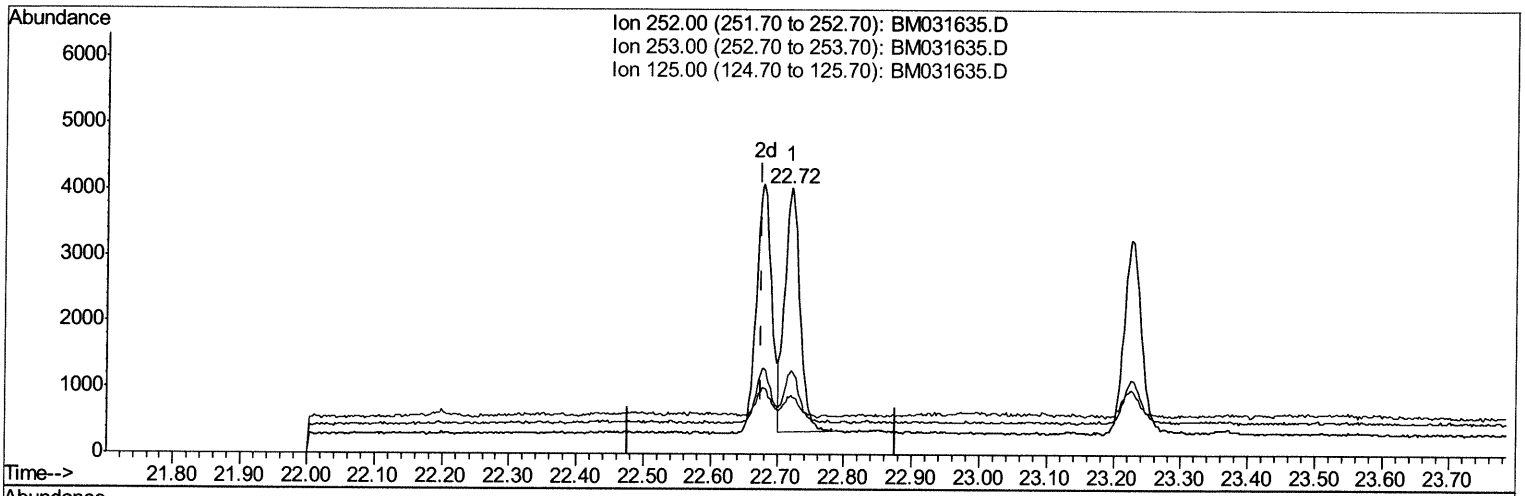

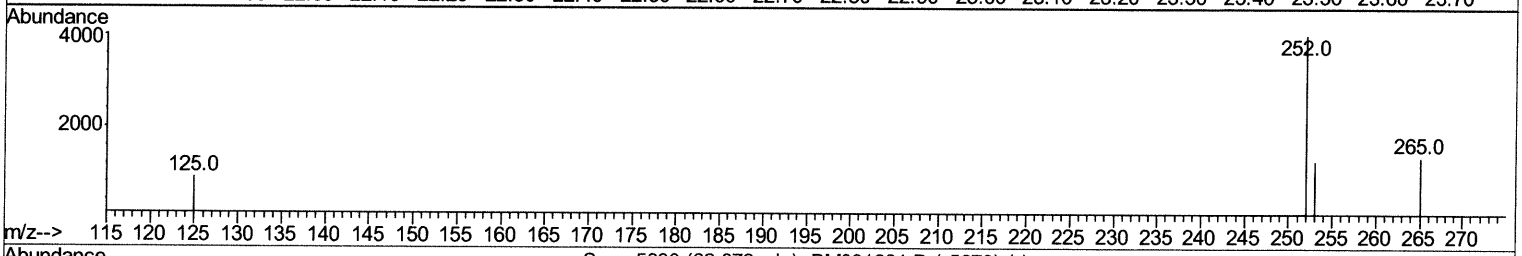

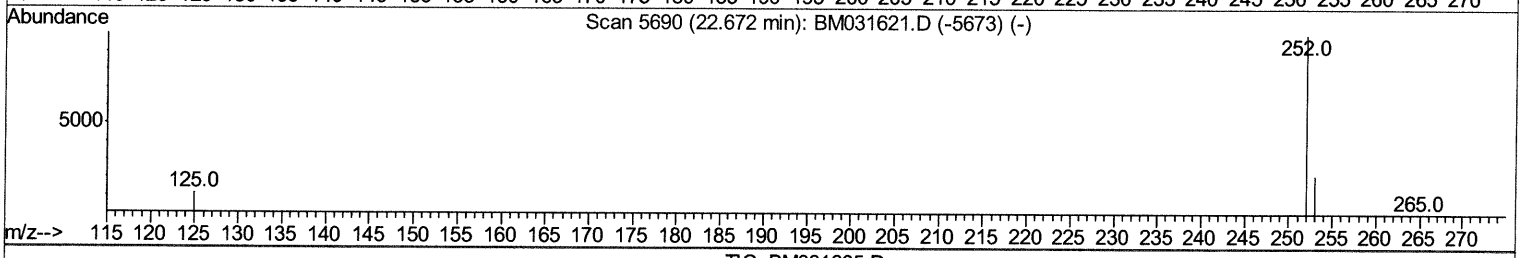

TIC: BM031635.D

(24) Benzo(b)fluoranthene

22.720min (+0.043) 0.35ng/ul

response 5971

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.45
125.00	11.40	22.15
0.00	0.00	0.00

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mohammad
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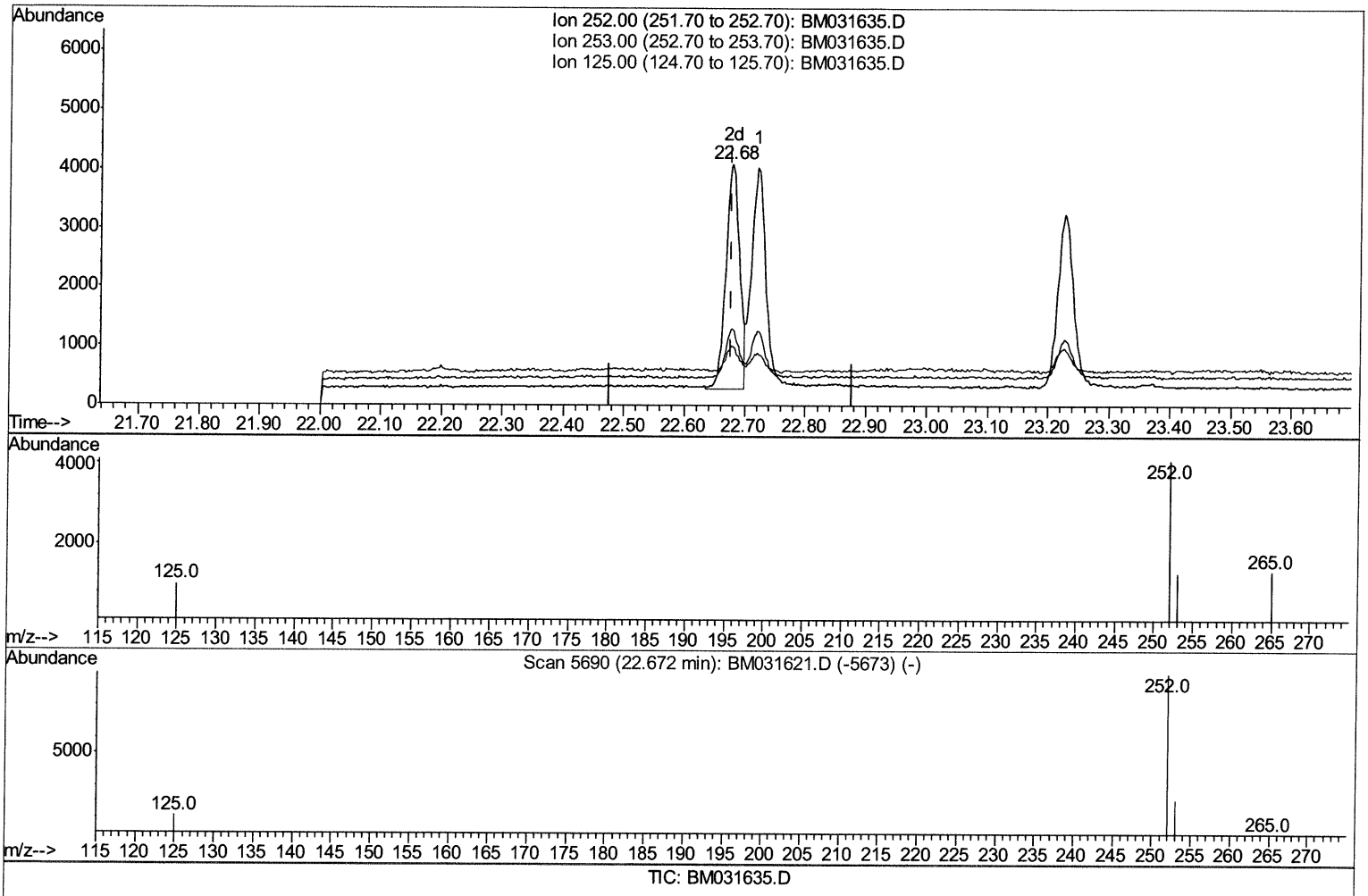

TIC: BM031635.D

(24) Benzo(b)fluoranthene

22.679min (+0.002) 0.34ng/ul m

response 5967

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.73
125.00	11.40	24.37#
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	7.58	152	1257	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	4598	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	2428	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	4647	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	3728	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	3839	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	486	0.35	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	2788	0.36	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	4892	0.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	517	0.367	ng/ul#	74
5) Naphthalene	10.39	128	5160	0.377	ng/ul	100
7) 2-Methylnaphthalene	12.01	142	3407	0.364	ng/ul	99
8) 1-Methylnaphthalene	12.23	142	3248	0.351	ng/ul	98
10) Acenaphthylene	13.93	152	4384	0.424	ng/ul	99
11) Acenaphthene	14.28	153	3364	0.386	ng/ul	98
12) Fluorene	15.27	166	3646	0.364	ng/ul	99
14) Pentachlorophenol	16.63	266	554	0.372	ng/ul	98
15) Phenanthrene	17.01	178	5472	0.371	ng/ul	99
16) Anthracene	17.10	178	5248	0.380	ng/ul	99
19) Fluoranthene	19.03	202	6304	0.396	ng/ul#	92
20) Pyrene	19.39	202	6448	0.399	ng/ul#	94
21) Benzo(a)anthracene	21.15	228	5840	0.388	ng/ul	94
22) Chrysene	21.20	228	6000	0.385	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	5967m	0.345	ng/ul	85
25) Benzo(k)fluoranthene	22.72	252	5971	0.334	ng/ul#	85
26) Benzo(a)pyrene	23.23	252	5357	0.354	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.46	276	6809	0.348	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.47	278	5399	0.342	ng/ul#	86
29) Benzo(g,h,i)perylene	26.11	276	5663	0.339	ng/ul#	87

JU 8/12/21

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