Quantitation Report (QT Reviewed)

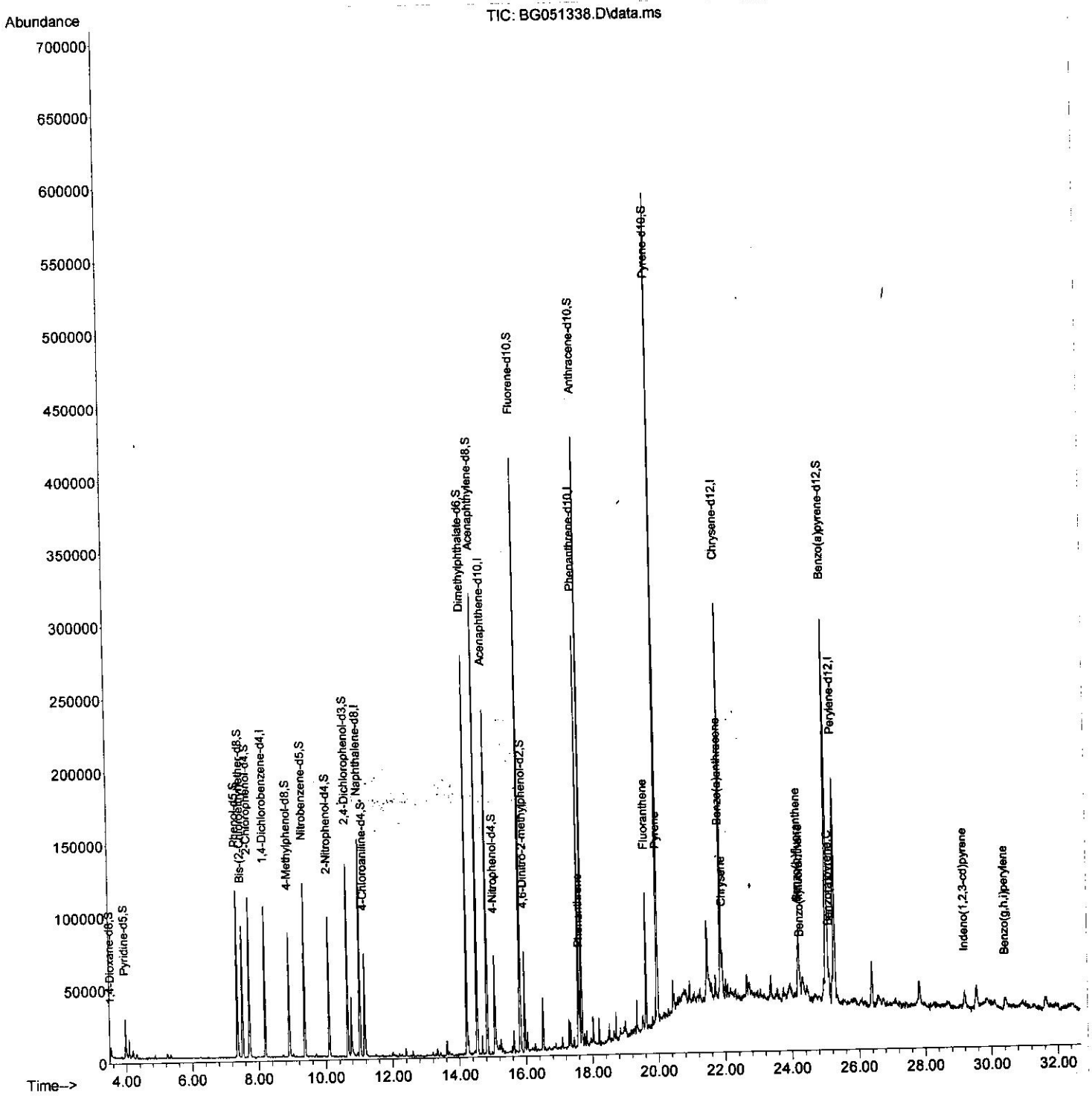
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051338.D
Acq On : 3 Dec 2021 20:48
Operator : CG/JU
Sample : M4833-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Dec 03 23:38:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQM5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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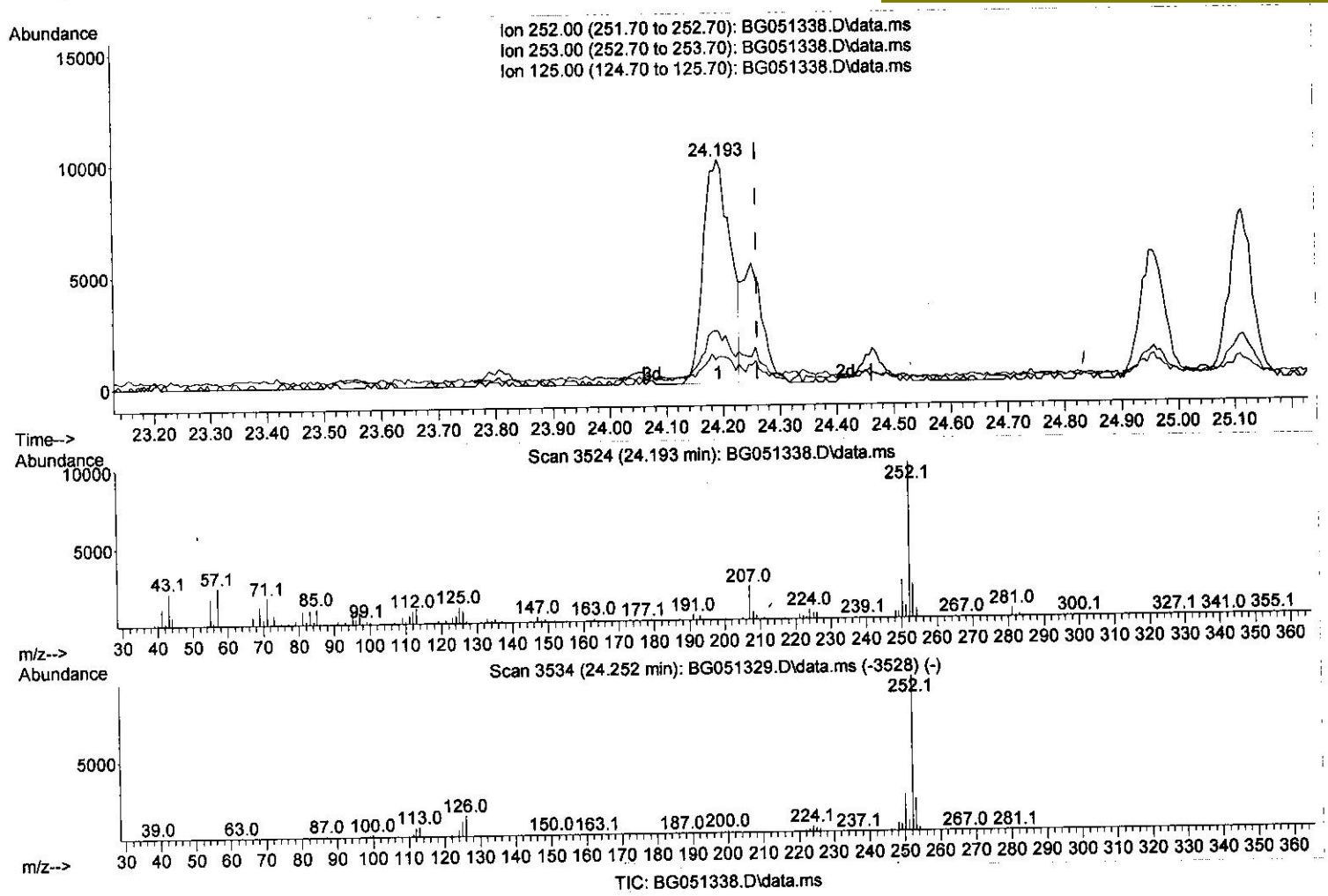

(91) Benzo(k)fluoranthene

24.193min (-0.068) 3.33 ng/ul

response 33232

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.93
125.00	9.70	11.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

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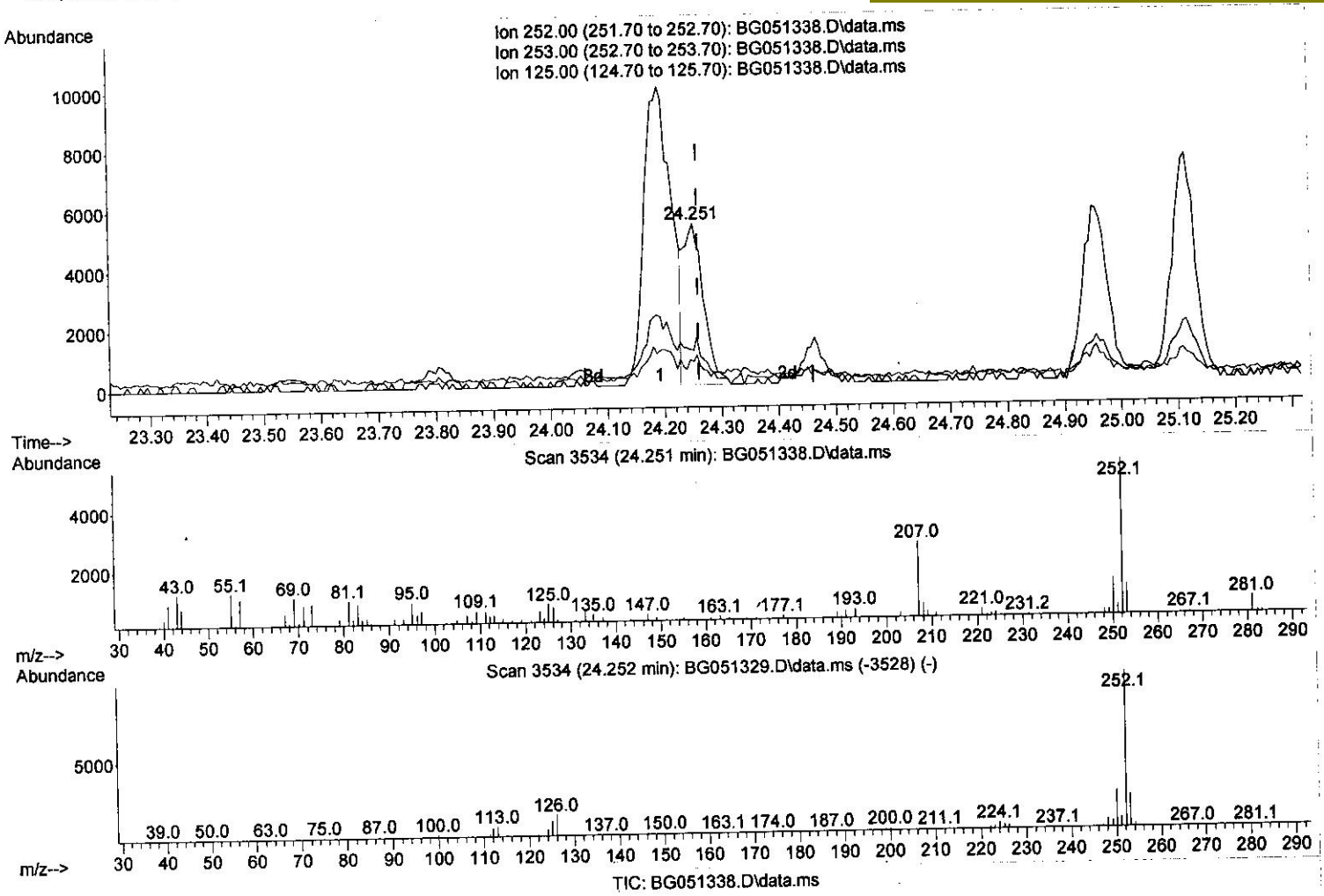

(91) Benzo(k)fluoranthene

24.251min (-0.009) 1.32 ng/ul m

response 13204

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.65
125.00	9.70	14.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051338.D
Acq On : 3 Dec 2021 20:48
Operator : CG/JU
Sample : M4833-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Dec 03 23:38:10 2021
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Instrument :
BNA_G
ClientSampleId :
ESQM5

Manual IntegrationsAPPROVED

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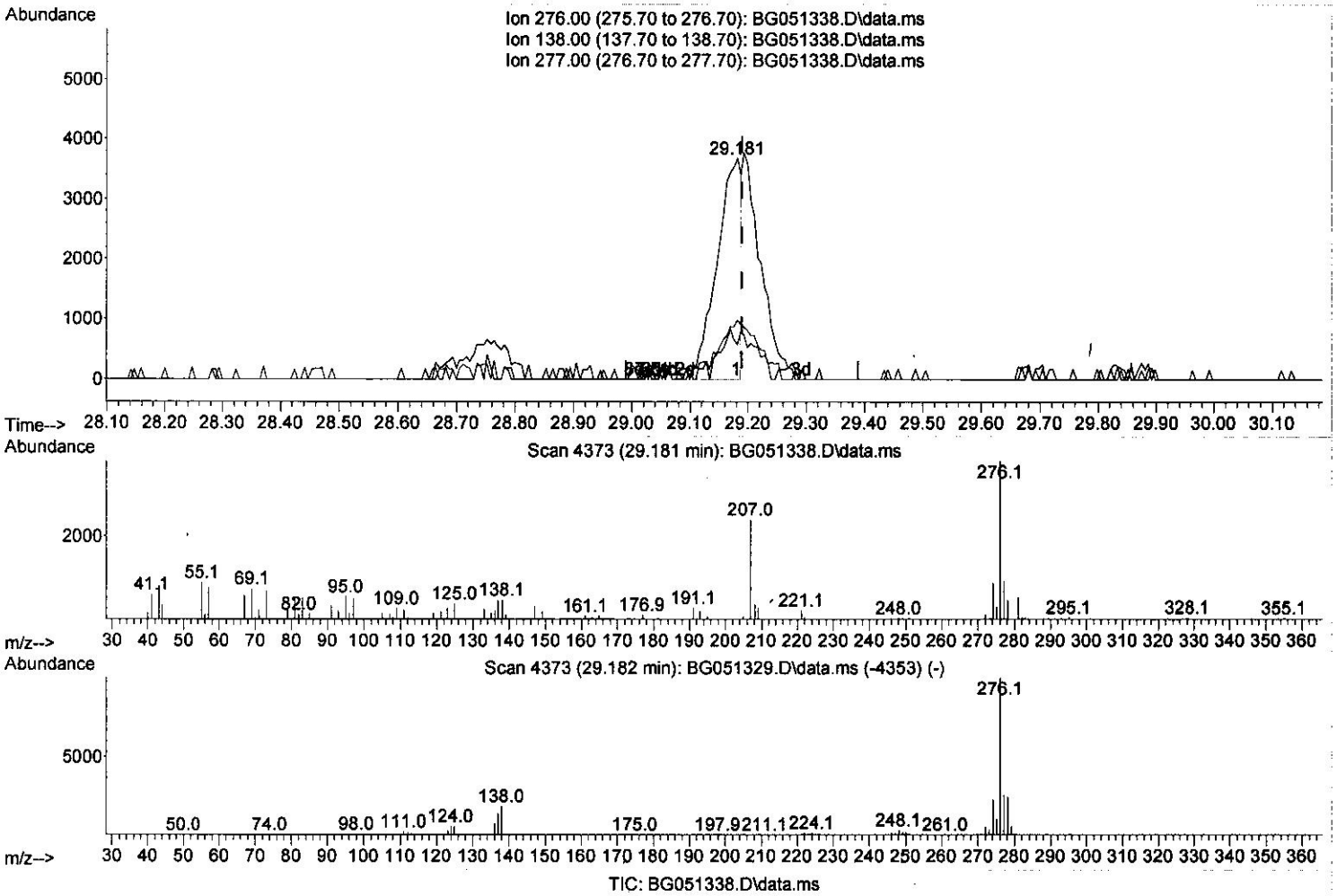

TIC: BG051338.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.181min (-0.009) 0.92 ng/ul

response 10460

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	15.87
277.00	25.60	26.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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BNA_G
ClientSampleId :
ESQM5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
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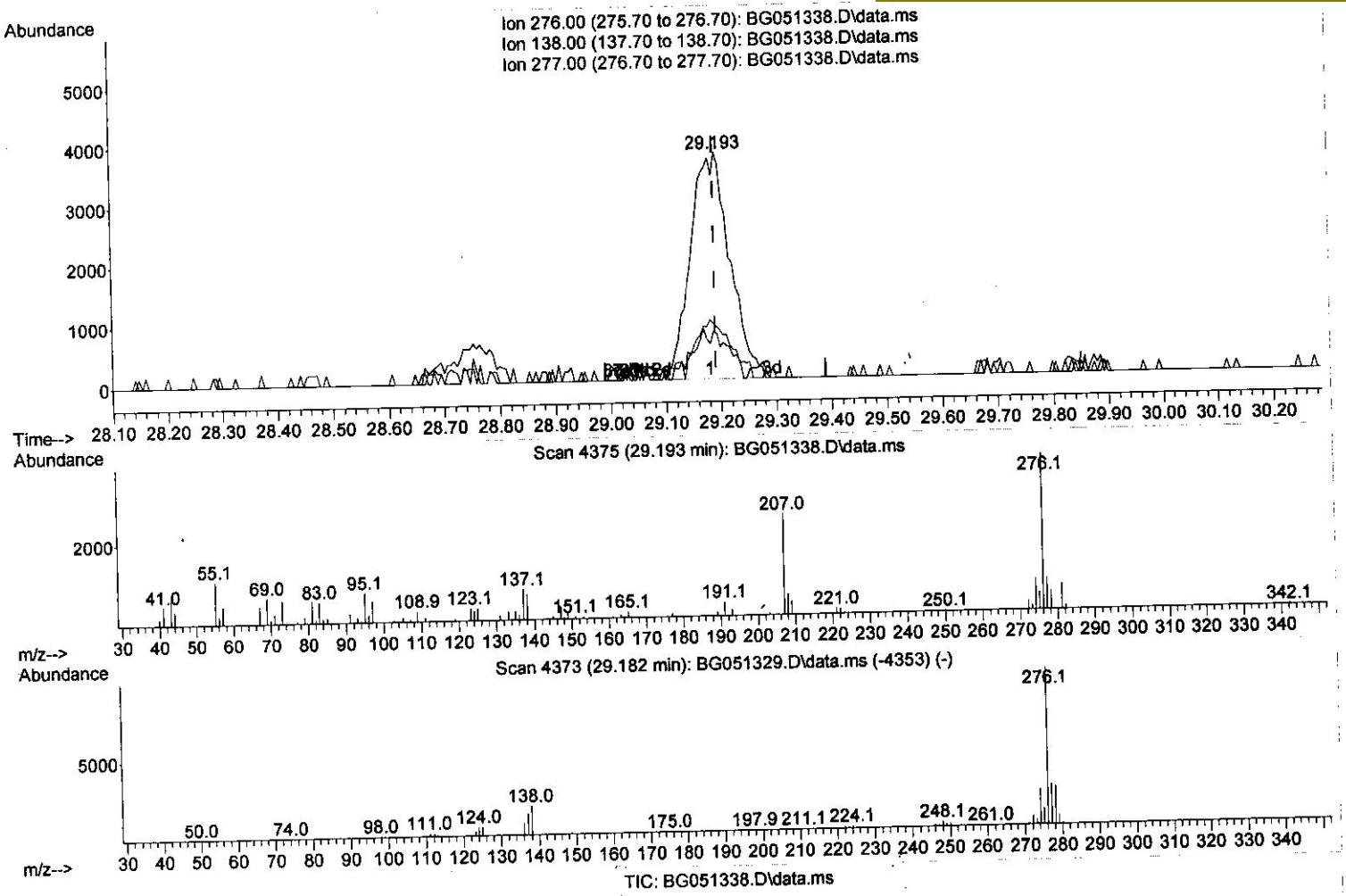

TIC: BG051338.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.193min (+ 0.003) 1.64 ng/ul m

response 18608

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	19.77
277.00	25.60	23.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
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Operator : CG/JU
Sample : M4833-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Dec 03 23:38:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQM5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
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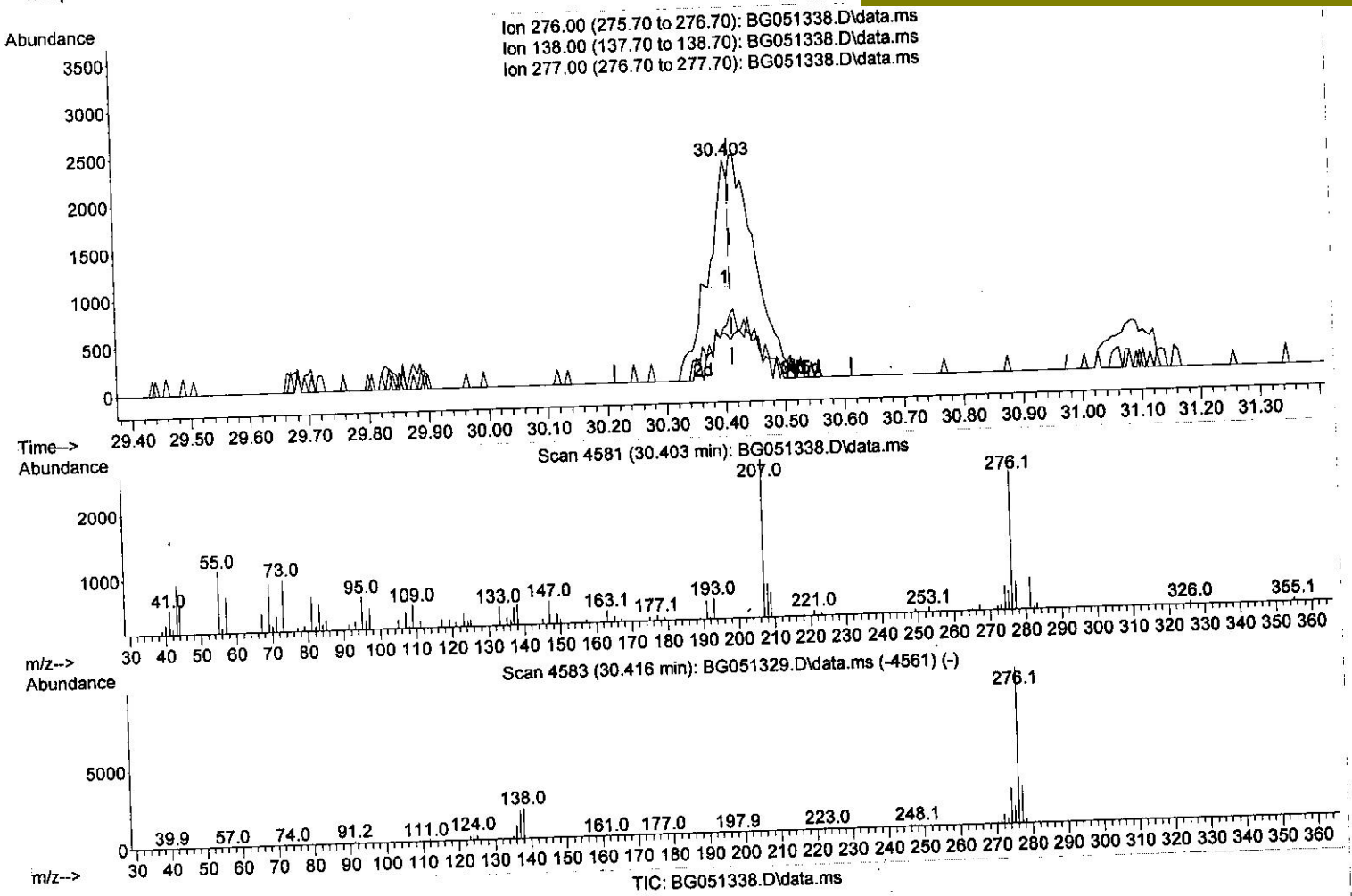

(96) Benzo(g,h,i)perylene

30.403min (-0.009) 0.19 ng/ul

response 1773

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	20.24
277.00	22.00	24.55
0.00	0.00	0.00

SFAM-EPA-BG112321.M Sat Dec 04 00:21:58 2021

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051338.D
Acq On : 3 Dec 2021 20:48
Operator : CG/JU
Sample : M4833-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Dec 03 23:38:10 2021
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQM5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
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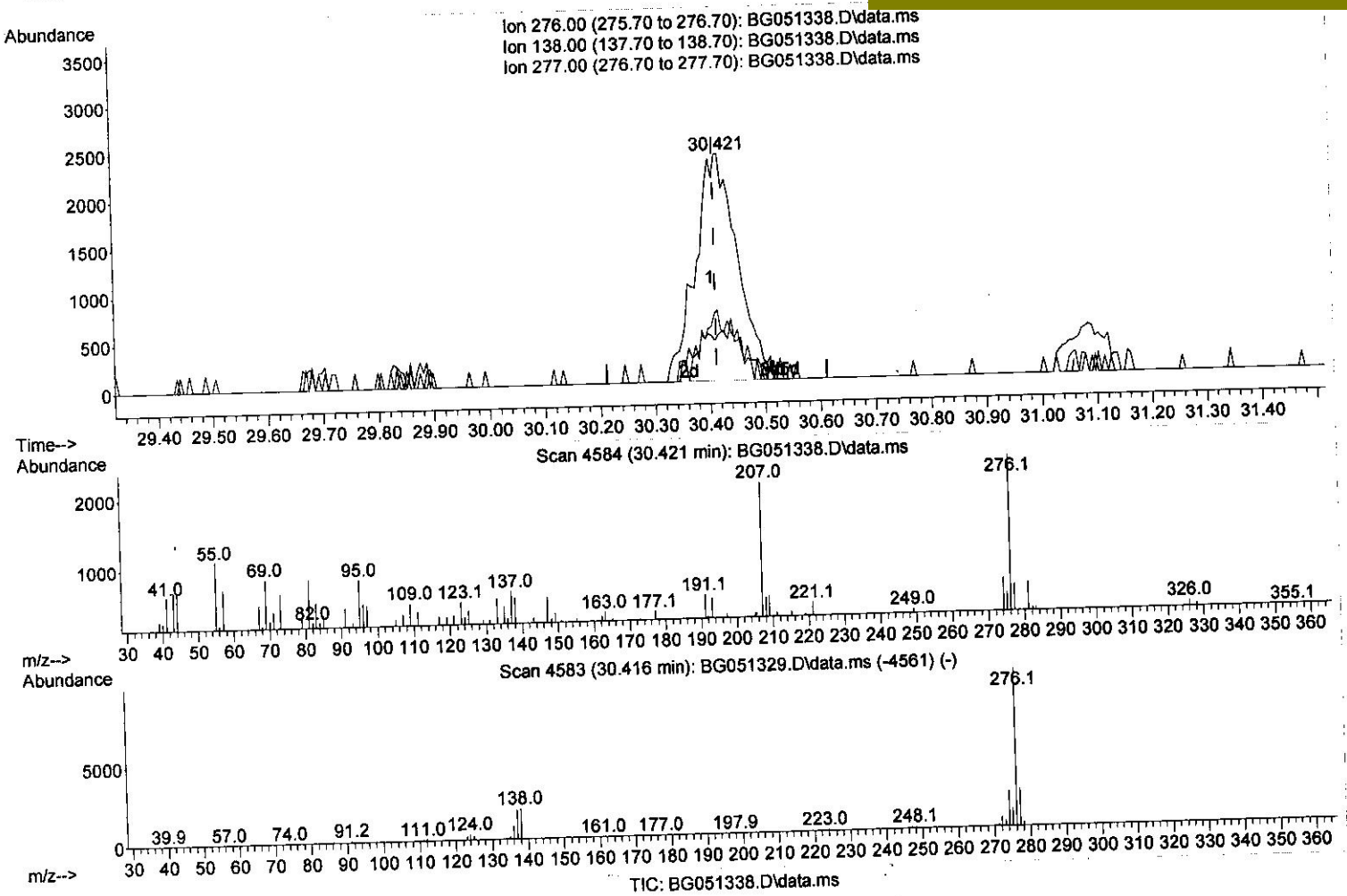

(96) Benzo(g,h,i)perylene

30.421min (+ 0.008) 1.31 ng/ul m JU 12/2/21

response 12526

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	21.57
277.00	22.00	22.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
BNA_G
ClientSampleId :
ESQM5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	29141	20.000	ng/ul	0.00
20) Naphthalene-d8	11.020	136	128835	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.821	164	85246	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.571	188	180200	20.000	ng/ul	0.00
79) Chrysene-d12	21.872	240	160372	20.000	ng/ul	0.00
88) Perylene-d12	25.274	264	157617	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	3774	4.500	ng/uL	-0.02
4) Pyridine-d5	3.969	84	17275	7.020	ng/ul	0.00
7) Phenol-d5	7.354	99	70742	24.562	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	46104	25.488	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	53121	25.613	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	36006	15.492	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	28858	26.535	ng/ul	0.00
24) 2-Nitrophenol-d4	10.097	143	31732	25.866	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	51695	24.836	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	42385	13.917	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	179965	27.437	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	229608	27.761	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	22308	21.011	ng/ul	0.00
60) Fluorene-d10	15.814	176	162740	27.552	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	14760	13.274	ng/ul	0.00
73) Anthracene-d10	17.671	188	246921	28.651	ng/ul	0.00
81) Pyrene-d10	19.956	212	312858	32.241	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.045	264	269005	31.957	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.618	178	21205	2.131	ng/ul	98
80) Fluoranthene	19.622	202	59367	4.981	ng/ul	95
82) Pyrene	19.980	202	46523	3.990	ng/ul	96
85) Benzo(a)anthracene	21.854	228	21843	2.008	ng/ul	98
87) Chrysene	21.925	228	24453	2.340	ng/ul	100
90) Benzo(b)fluoranthene	24.193	252	33232	3.124	ng/ul	98
91) Benzo(k)fluoranthene	24.251	252	13204m	1.323	ng/ul	
93) Benzo(a)pyrene	25.115	252	21597	2.128	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.193	276	18608m	1.639	ng/ul	
96) Benzo(g,h,i)perylene	30.421	276	12526m	1.311	ng/ul	

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

JU 12/7/21