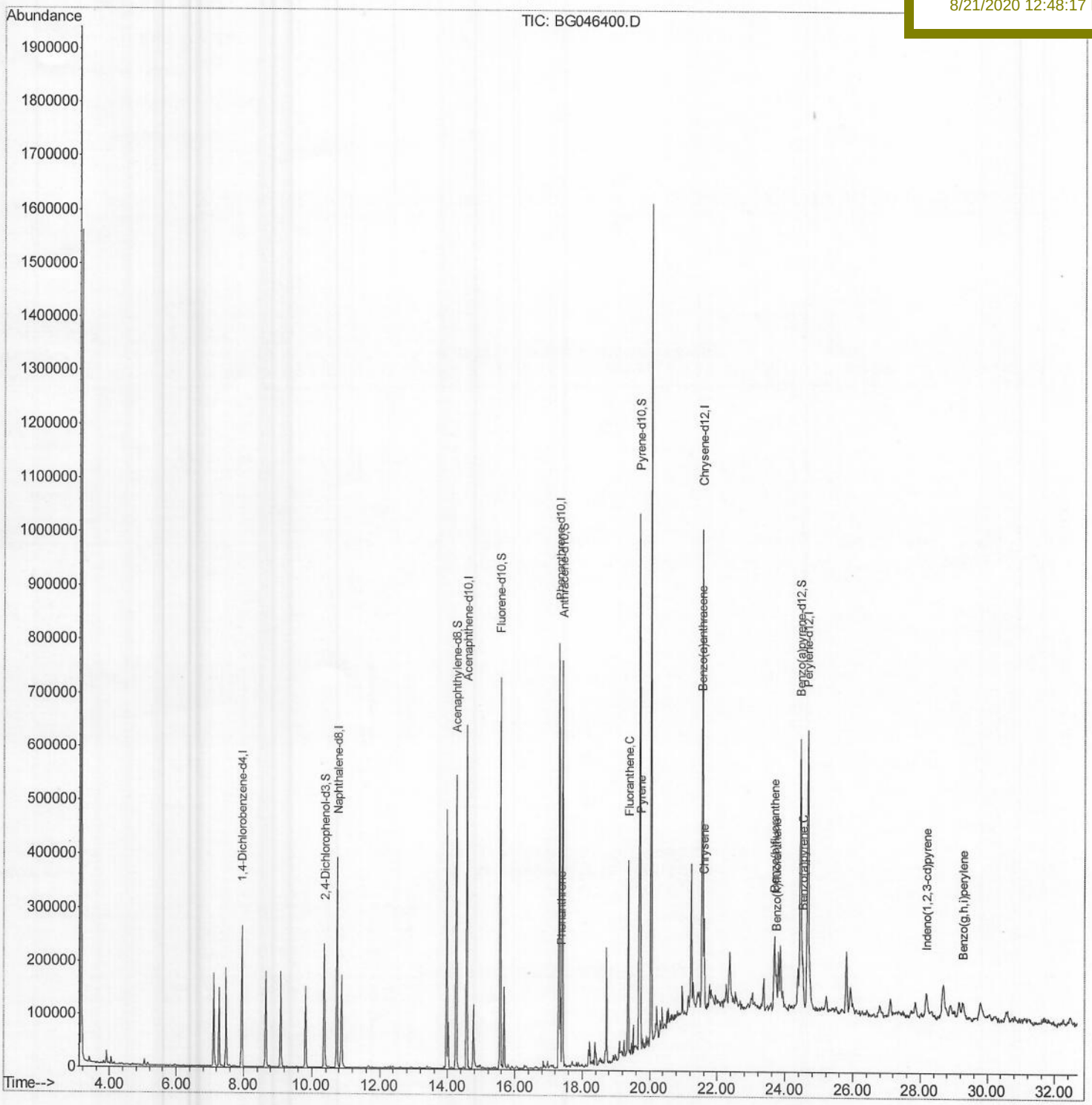
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Aug 21 07:21:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 04:43:40 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BFMH5

Manual Integrations APPROVED
mohammad
8/21/2020 12:48:17 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
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Quant Time: Aug 21 07:16:52 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 04:43:40 2020
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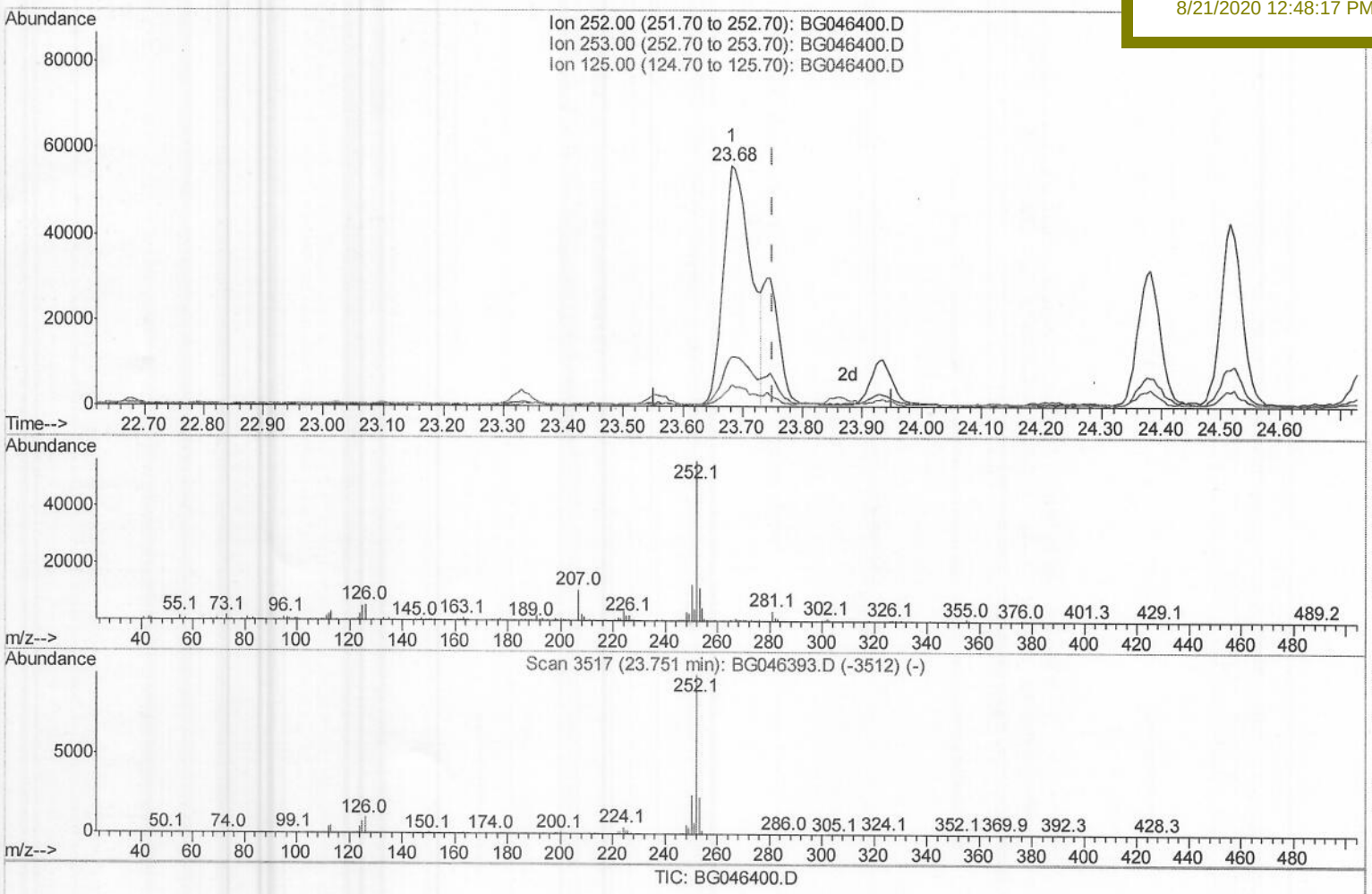

(25) Benzo(k)fluoranthene

23.683min (-0.069) 4.79ng/ul

response 177775

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	20.96
125.00	7.70	9.09
0.00	0.00	0.00

Quantitation Report (Qedit)

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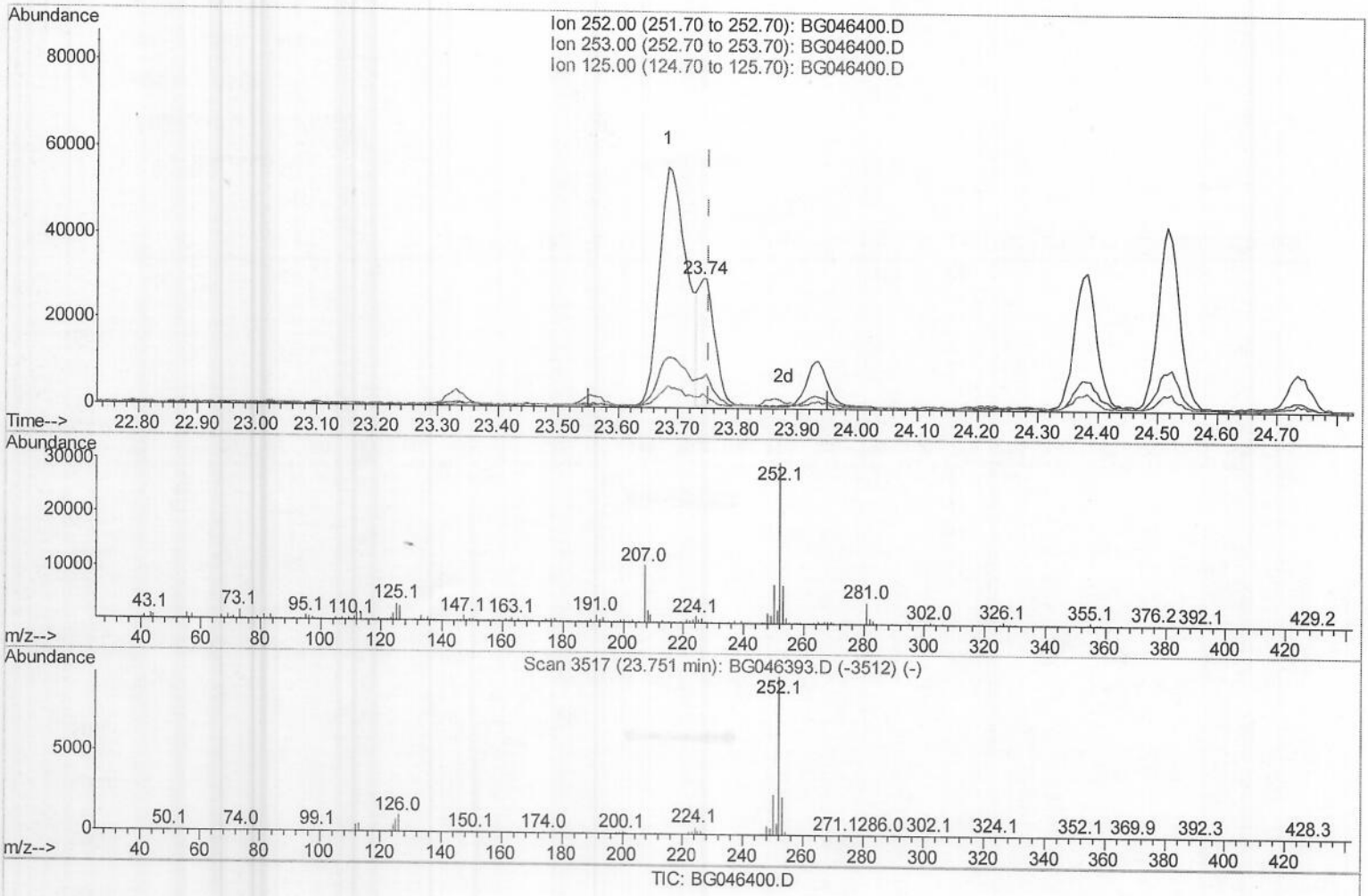

TIC: BG046400.D

(25) Benzo(k)fluoranthene

23.741min (-0.010) 1.50ng/ul m 08/24/20 JU

response 55524

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.48
125.00	7.70	10.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Aug 21 07:16:52 2020
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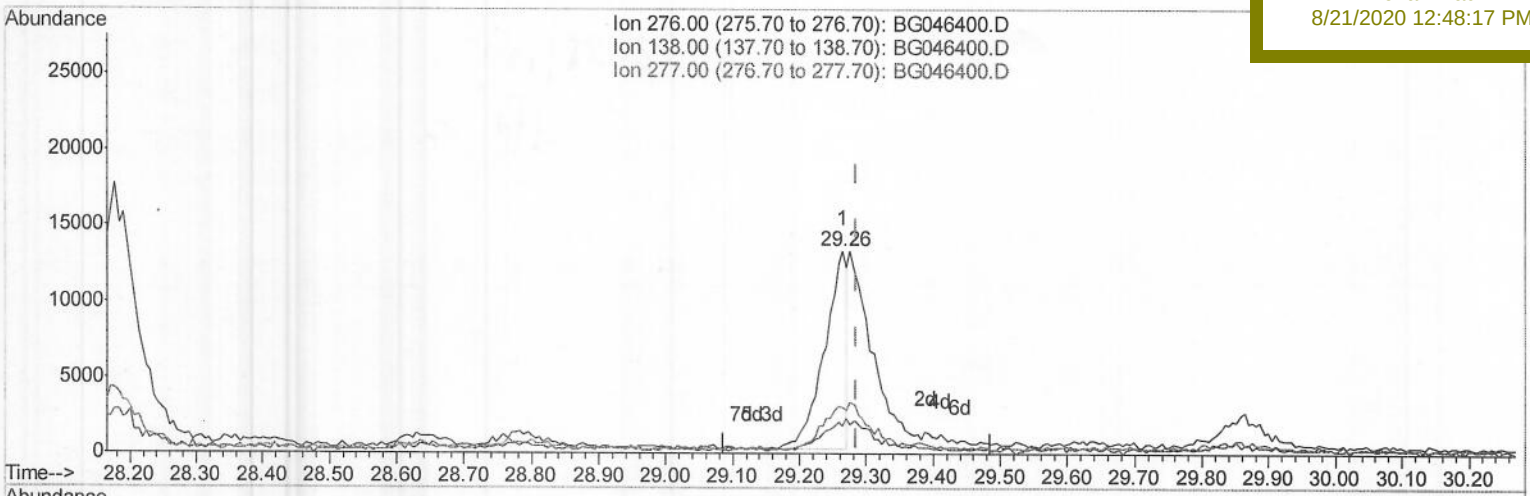
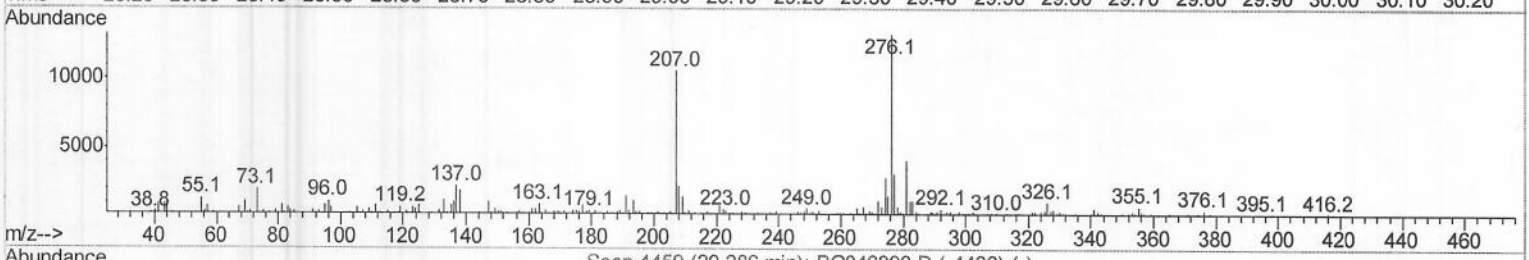
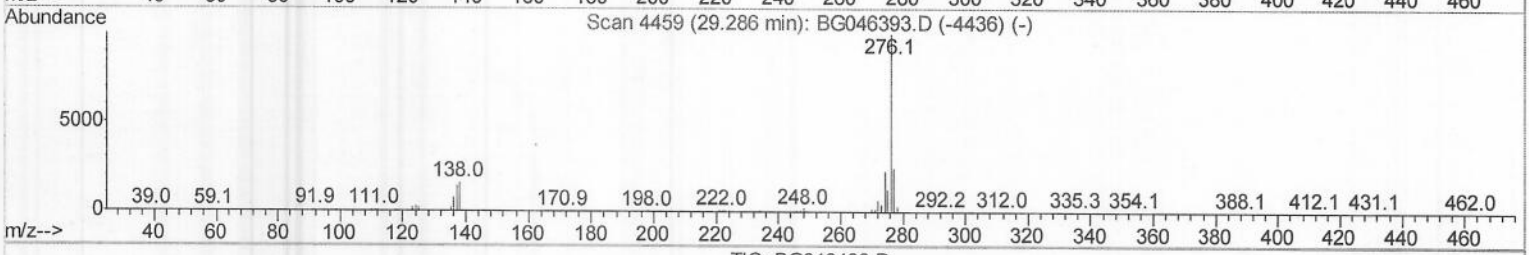
Instrument :
BNA_G
ClientSampleId :
BFMH5

Manual Integrations APPROVED
mohammad
8/21/2020 12:48:17 PM







TIC: BG046400.D

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

29.264min (-0.022) 0.85ng/ul

response 30655

Ion	Exp%	Act%
276.00	100	100
138.00	16.10	14.07
277.00	24.20	23.21
0.00	0.00	0.00

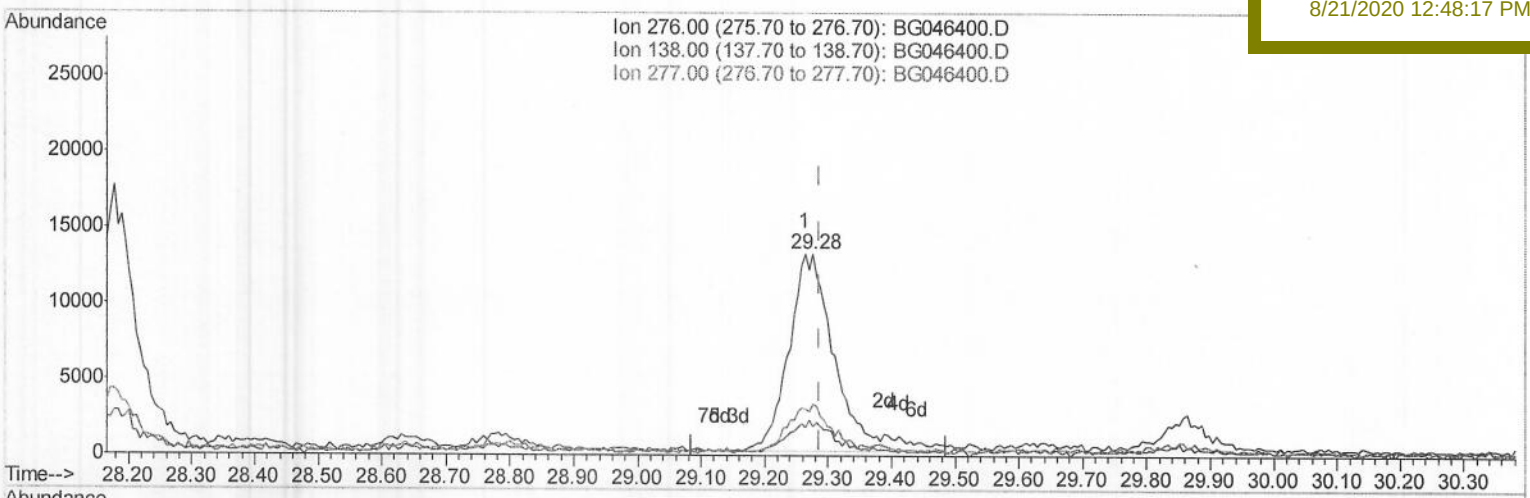
Quantitation Report (Qedit)

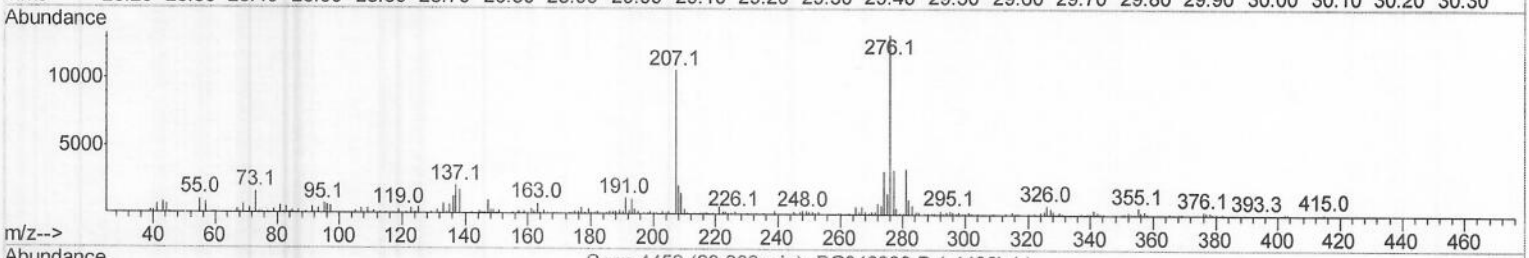
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046400.D
Acq On : 21 Aug 2020 6:00
Operator : CG/JU
Sample : L3635-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

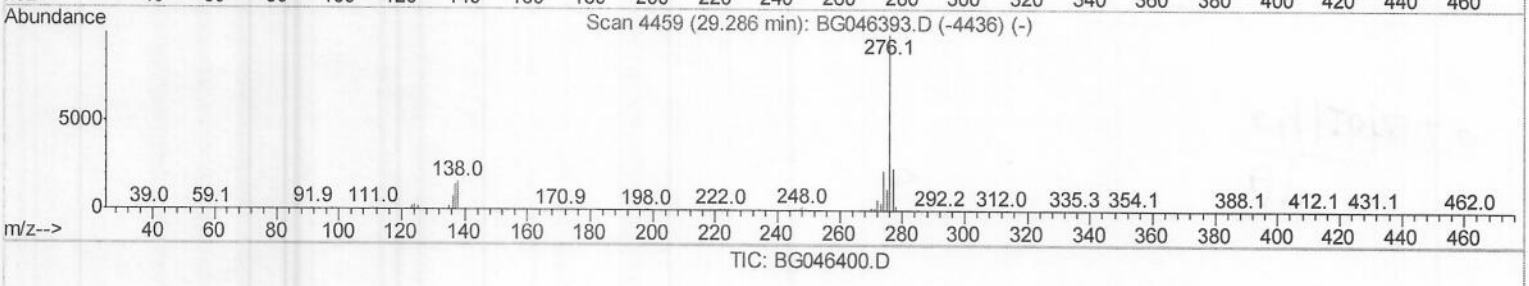
Quant Time: Aug 21 07:16:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 04:43:40 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BFMH5

Manual Integrations APPROVED
mohammad
8/21/2020 12:48:17 PM







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

29.276min (-0.010) 1.75ng/ul m 08/24/20 JV

response 63072

Ion	Exp%	Act%
276.00	100	100
138.00	16.10	14.33
277.00	24.20	25.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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QLast Update : Fri Aug 21 04:43:40 2020
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Instrument : BNA_G
ClientSampleId : BFMH5

Manual Integrations APPROVED
mohammad
8/21/2020 12:48:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	84713	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	355230	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	236586	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	528648	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	525050	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	565990	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	106469	17.41	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	409857	18.82	ng/ul	0.00
10) Fluorene-d10	15.56	176	319604	19.16	ng/ul	0.00
15) Anthracene-d10	17.41	188	456489	18.63	ng/ul	0.00
19) Pyrene-d10	19.69	212	525982	19.46	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	549431	17.79	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.35	178	95665	3.289	ng/ul	98
17) Fluoranthene	19.36	202	233761	7.208	ng/ul	98
20) Pyrene	19.72	202	213322	6.190	ng/ul	97
21) Benzo(a)anthracene	21.54	228	110165	3.225	ng/ul	99
22) Chrysene	21.60	228	128307	3.885	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	177775	4.750	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	55524m	1.495	ng/ul	> 08/24/20 JU
27) Benzo(a)pyrene	24.52	252	102375	2.979	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.18	276	74075	1.722	ng/ul	99
30) Benzo(g,h,i)perylene	29.28	276	63072m	1.752	ng/ul	> 08/24/20 JU

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