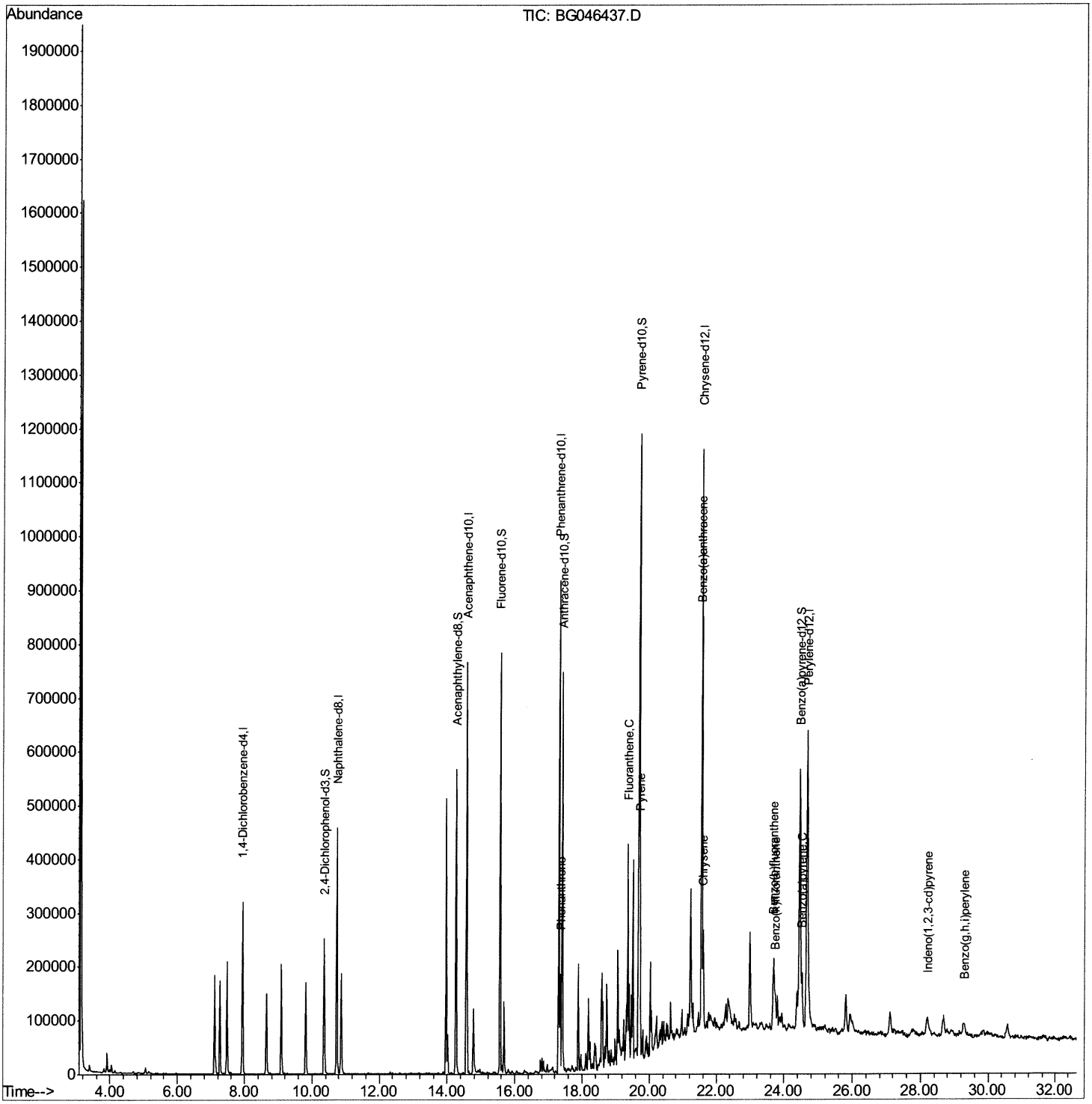
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 22 08:22:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 06:58:14 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BFMX9

Manual Integrations APPROVED
Sohil
8/24/2020 1:47:13 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046437.D
Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 22 08:10:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 06:58:14 2020
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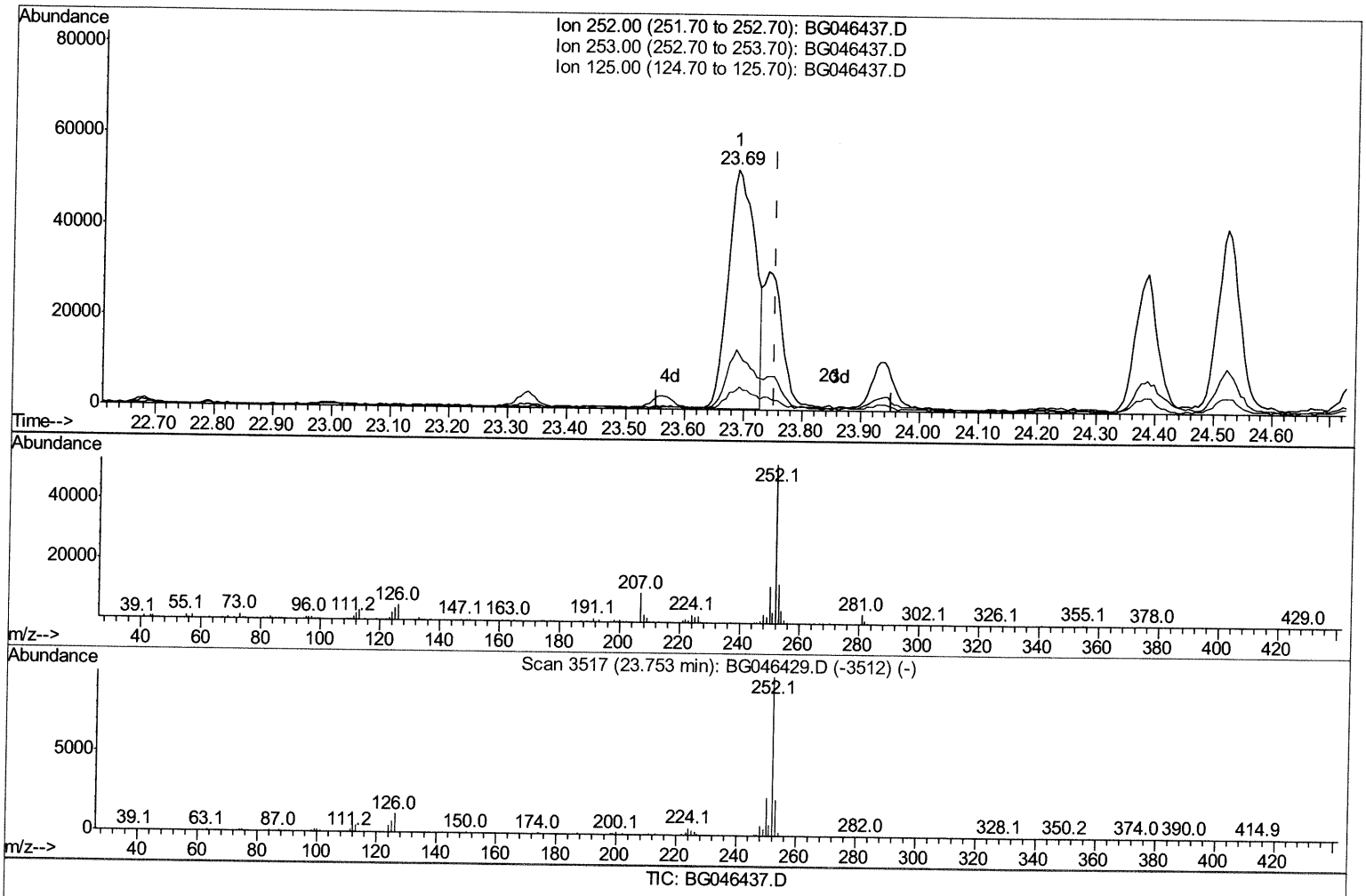
8/24/2020 1:47:13 PM



(25) Benzo(k)fluoranthene

23.687min (-0.066) 4.21ng/ul

response 168455

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	25.14
125.00	7.70	8.09
0.00	0.00	0.00

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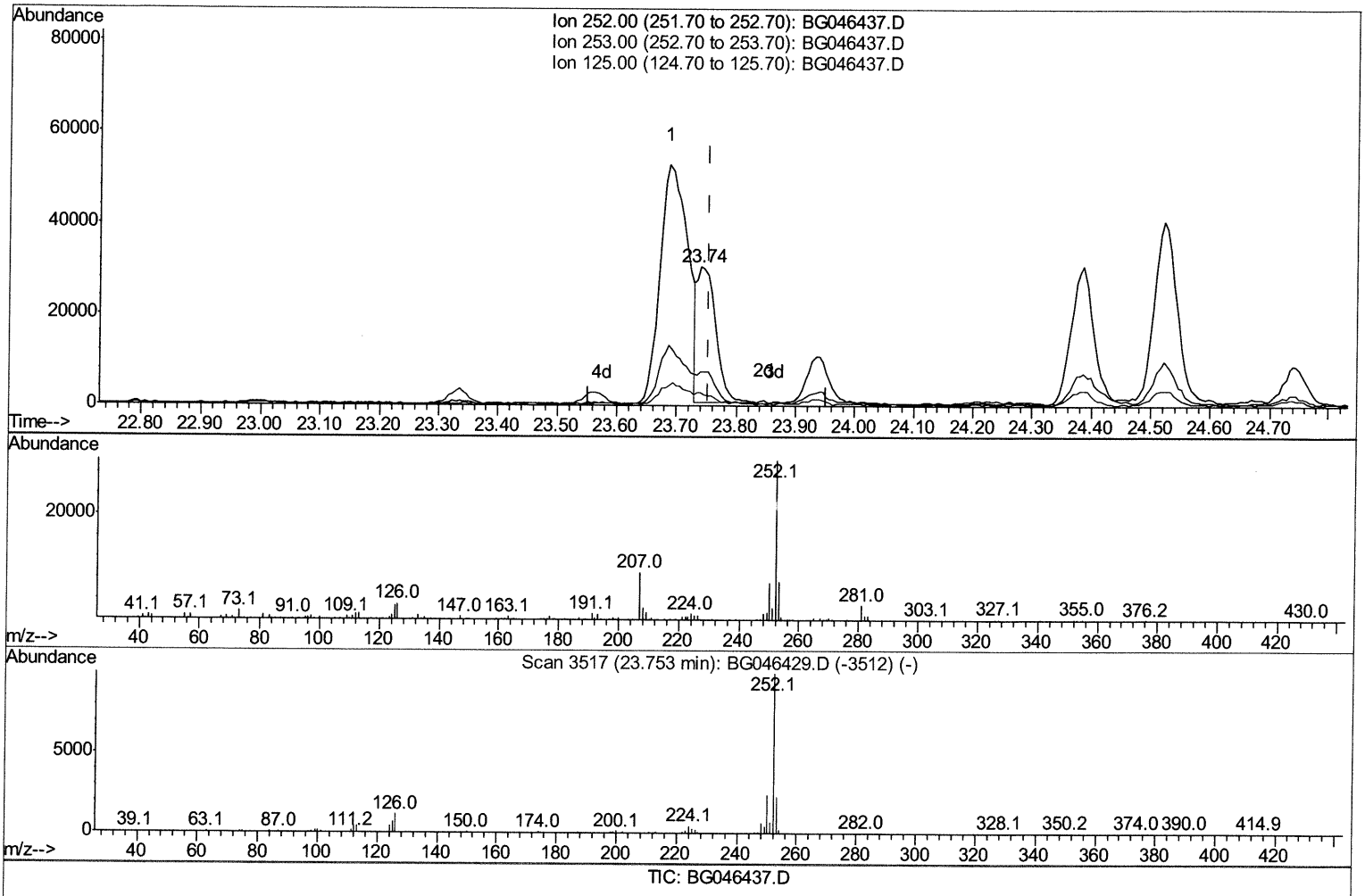
Manual Integrations APPROVED
Sohil
8/24/2020 1:47:13 PM



TIC: BG046437.D

(25) Benzo(k)fluoranthene

23.740min (-0.013) 1.62ng/ul m

response 64736

JU 8/24/20

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.69
125.00	7.70	9.12
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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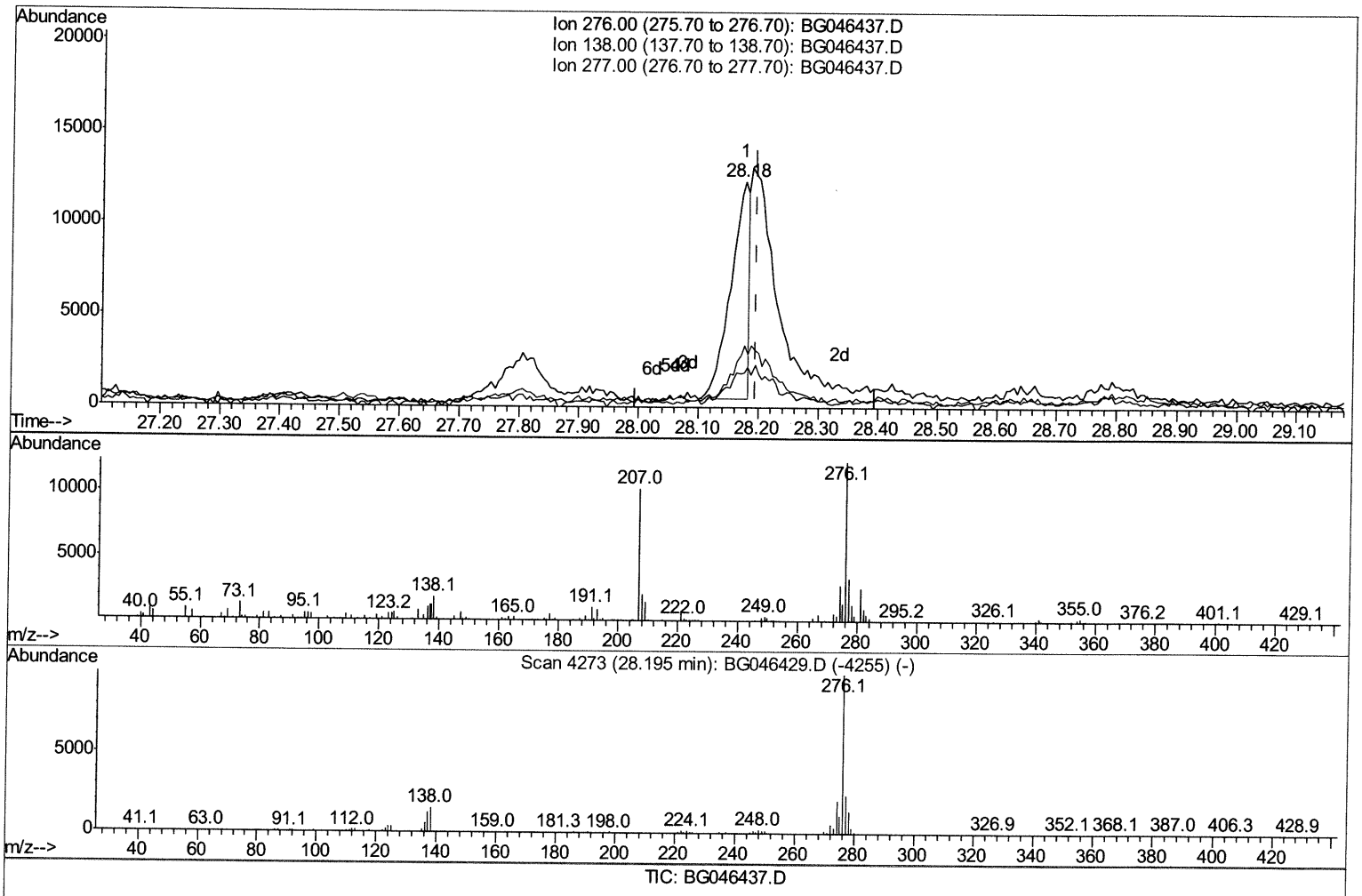
Instrument :
BNA_G
ClientSampleId :
BFMX9

Manual Integrations APPROVED
Sohil
8/24/2020 1:47:13 PM



TIC: BG046437.D

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

28.176min (-0.019) 0.56ng/ul

response 25835

Ion	Exp%	Act%
276.00	100	100
138.00	16.50	15.66
277.00	24.90	27.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 22 08:10:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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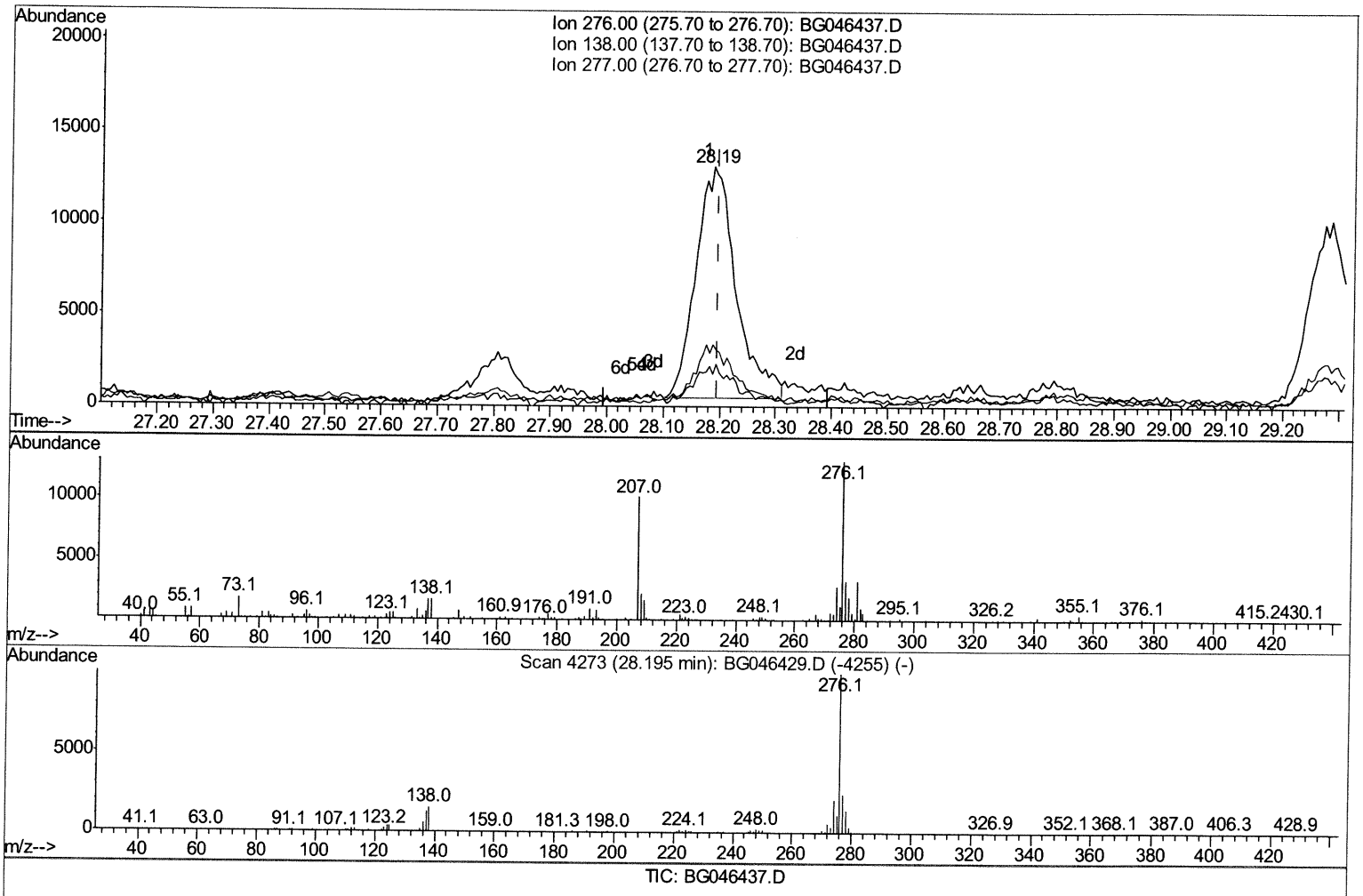
BNA_G
ClientSampleId :
BFMX9

Manual Integrations APPROVED
Sohil
8/24/2020 1:47:13 PM



TIC: BG046437.D

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

28.188min (-0.007) 1.35ng/ul m

response 62748

Ion	Exp%	Act%
276.00	100	100
138.00	16.50	13.67
277.00	24.90	25.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 22 Aug 2020 7:31
Operator : CG/JU
Sample : L3649-12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMX9

Manual Integrations APPROVED
Sohil
8/24/2020 1:47:13 PM

Quant Time: Aug 22 08:22:40 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	100399	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	414049	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	273986	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	590709	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	602331	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	609560	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	116686	16.37	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	433035	17.17	ng/ul	0.00
10) Fluorene-d10	15.56	176	336994	17.44	ng/ul	0.00
15) Anthracene-d10	17.41	188	461941	16.87	ng/ul	0.00
19) Pyrene-d10	19.70	212	530398	17.11	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	559994	16.84	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.35	178	113634	3.497	ng/ul	98
17) Fluoranthene	19.36	202	241002	6.651	ng/ul	99
20) Pyrene	19.73	202	223945	5.664	ng/ul	97
21) Benzo(a)anthracene	21.54	228	123094	3.141	ng/ul	98
22) Chrysene	21.60	228	134071	3.539	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	168455	4.179	ng/ul	95
25) Benzo(k)fluoranthene	23.74	252	64736m	1.619	ng/ul	JU 8/24/20
27) Benzo(a)pyrene	24.52	252	105902	2.862	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.19	276	62748m	1.354	ng/ul	JU 8/24/20
30) Benzo(g,h,i)perylene	29.29	276	49428	1.275	ng/ul	93

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