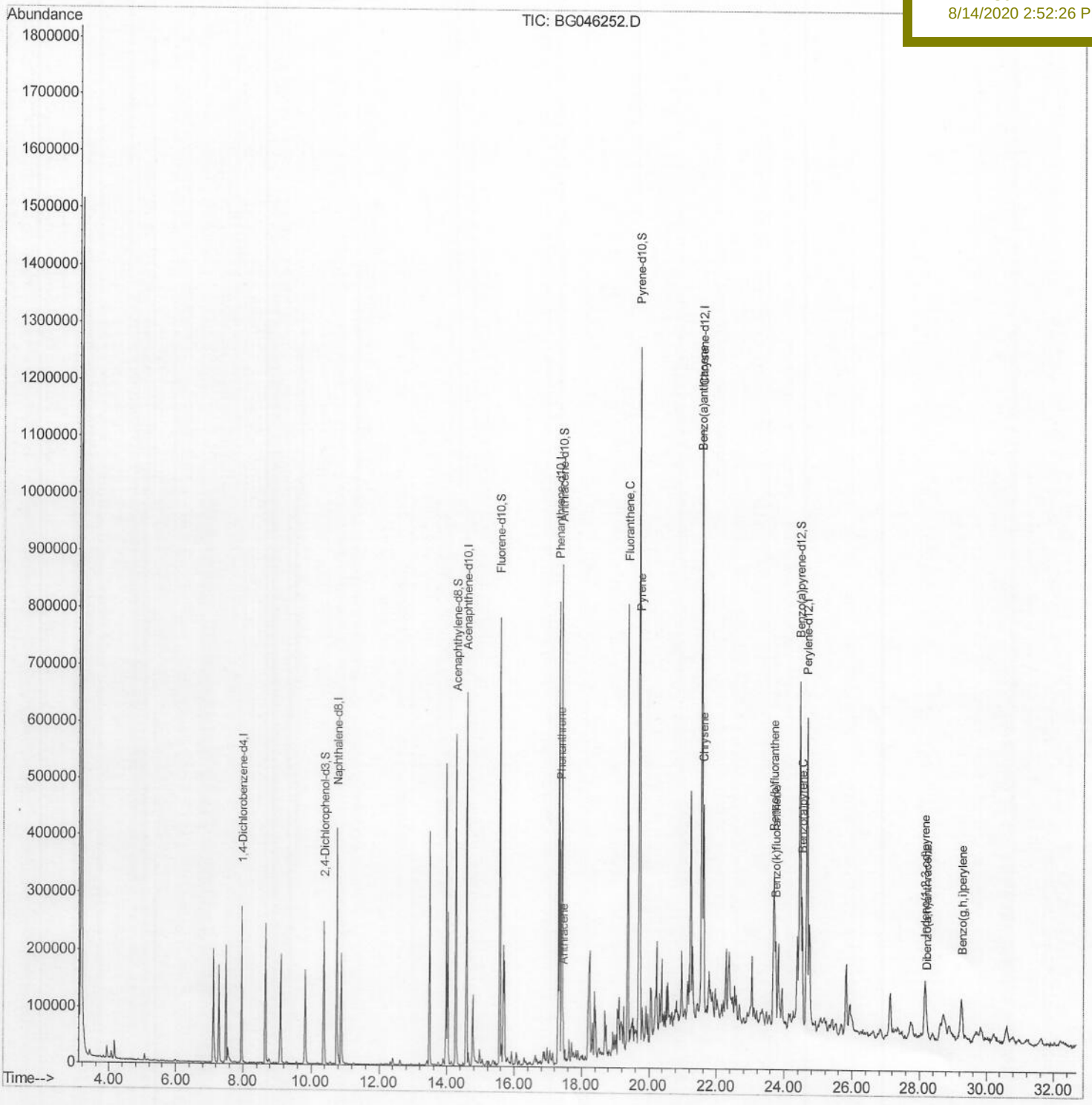
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046252.D
Acq On : 13 Aug 2020 16:59
Operator : CG/JU
Sample : L3629-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 17:42:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BFM52

Manual Integrations APPROVED
Sohil
8/14/2020 2:52:26 PM



Quantitation Report (Qedit)

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Acq On : 13 Aug 2020 16:59
Operator : CG/JU
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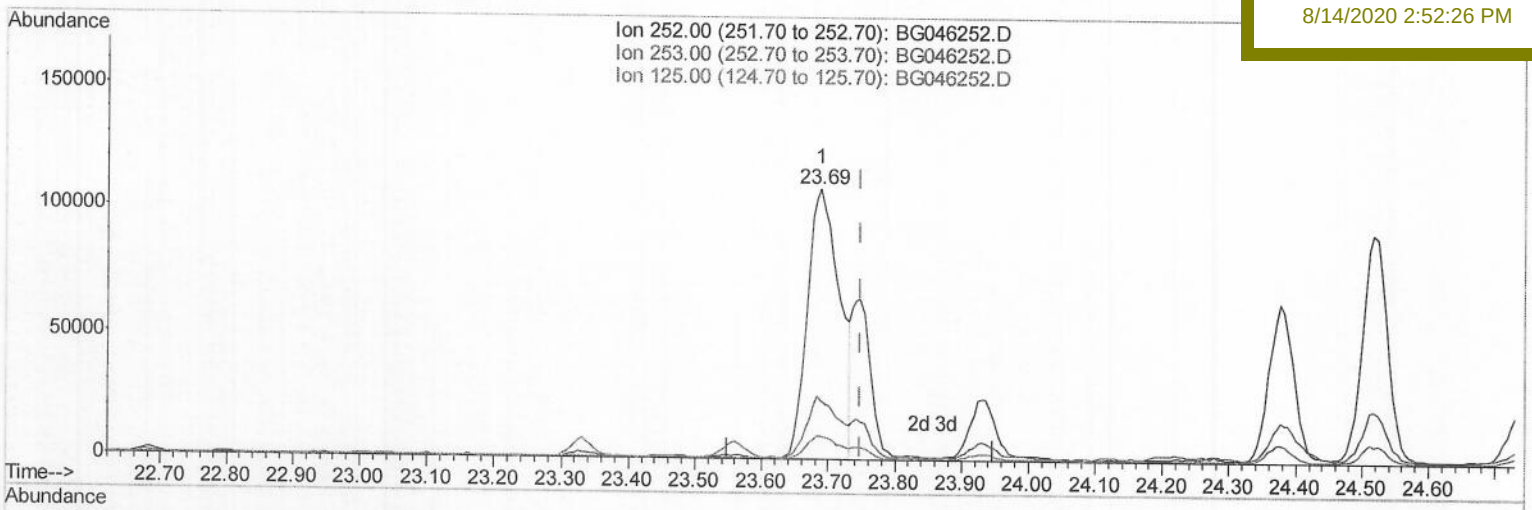

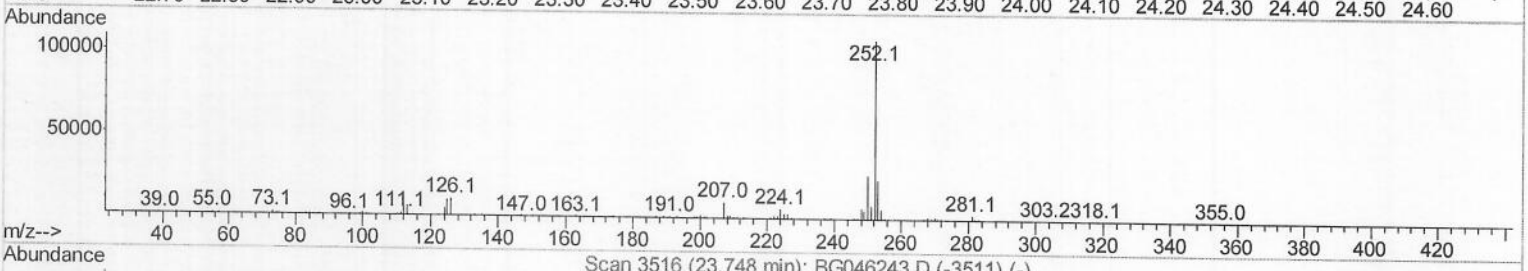

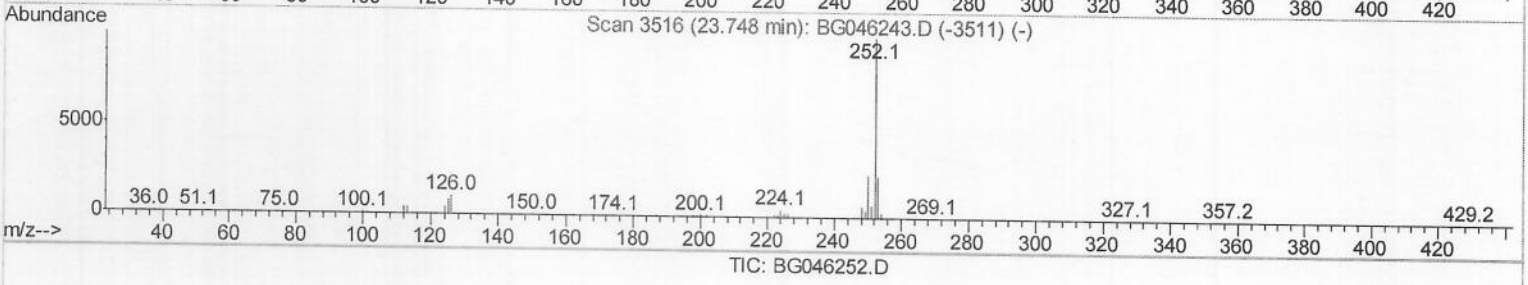

TIC: BG046252.D

(25) Benzo(k)fluoranthene

23.689min (-0.059) 9.69ng/ul

response 360519

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.01
125.00	7.70	8.73
0.00	0.00	0.00

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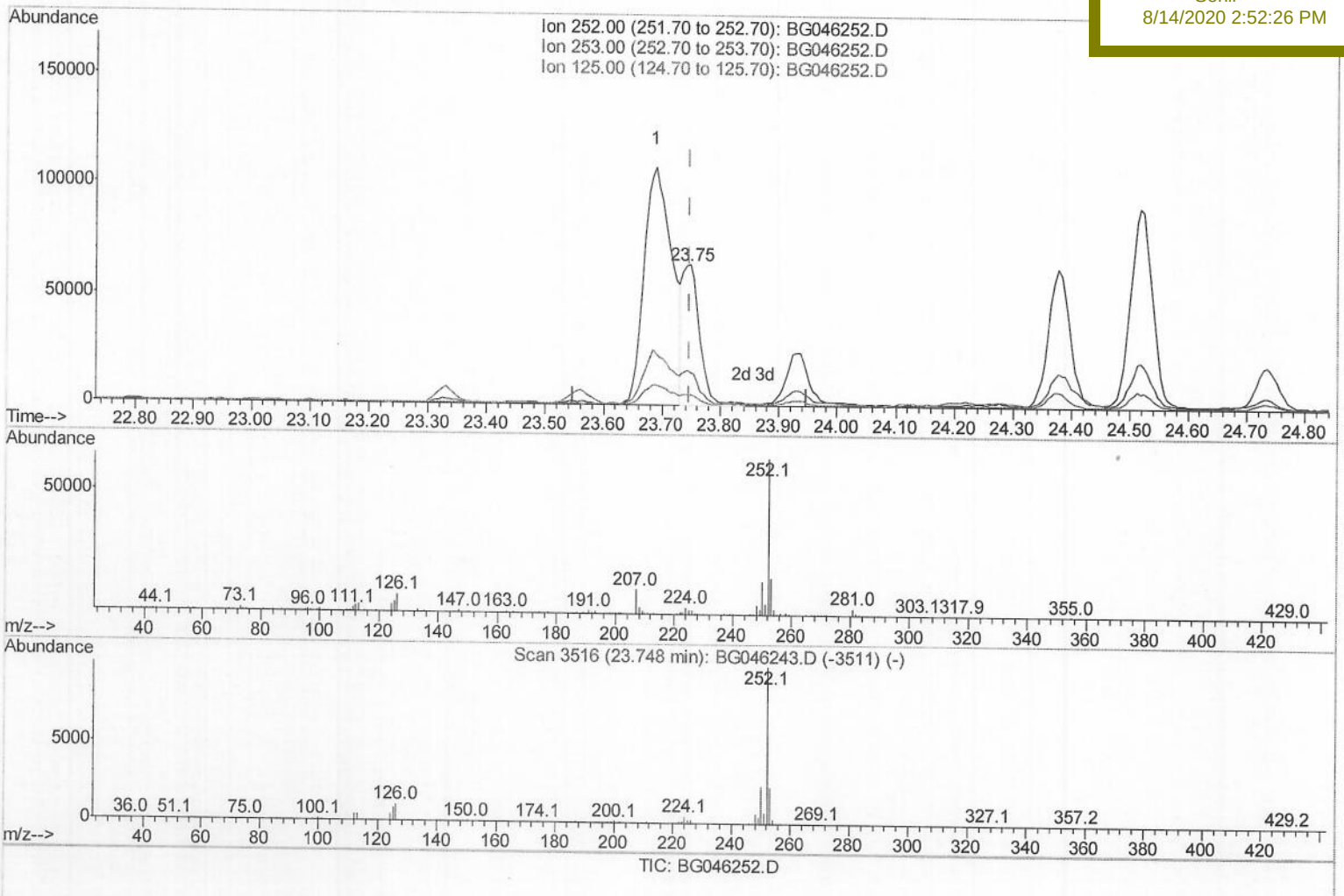
Manual Integrations APPROVED
Sohil
8/14/2020 2:52:26 PM



TIC: BG046252.D

(25) Benzo(k)fluoranthene

23.748min (-0.000) 3.52ng/ul m -> 08/14/20 JV

response 130838

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.40
125.00	7.70	7.40
0.00	0.00	0.00

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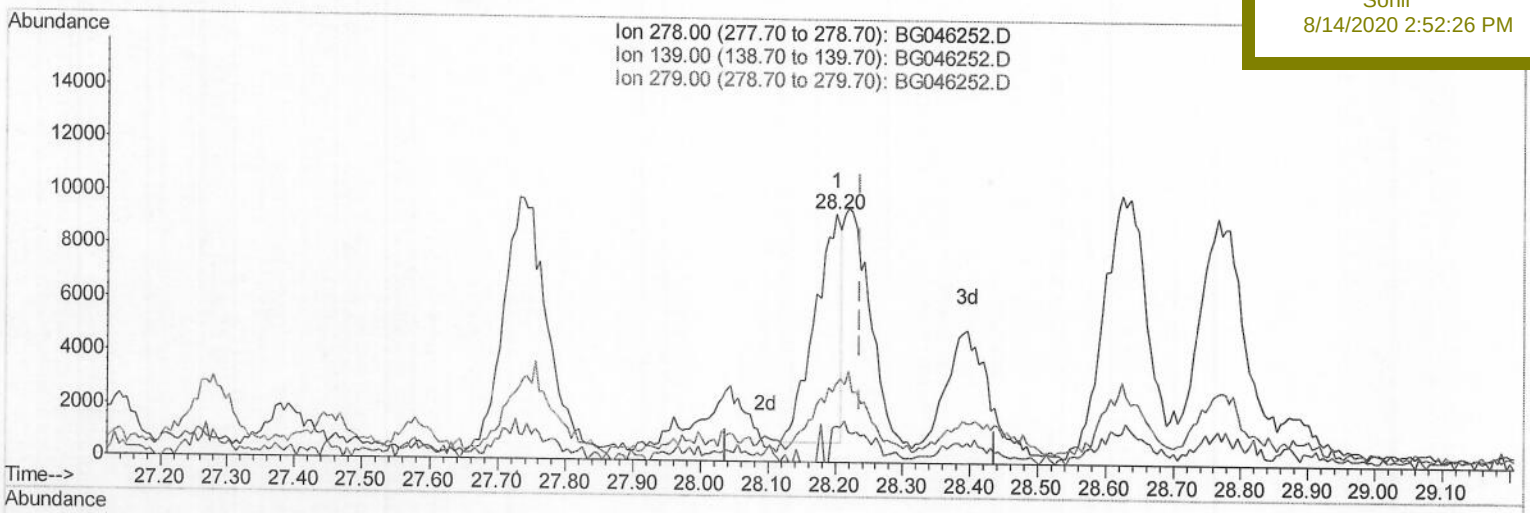
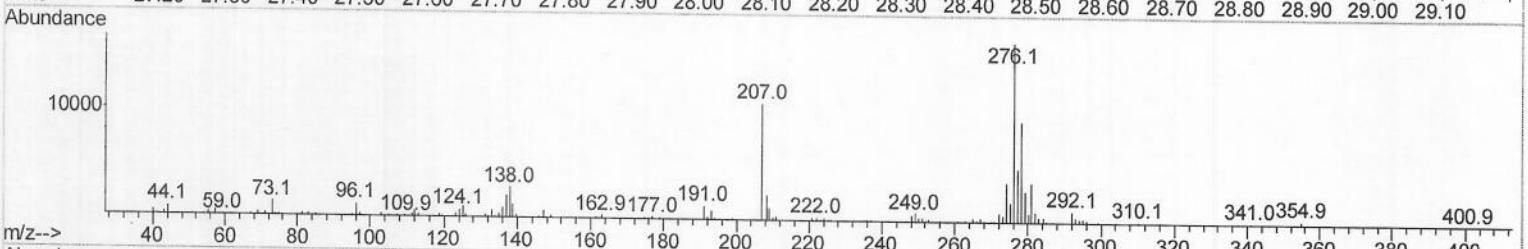
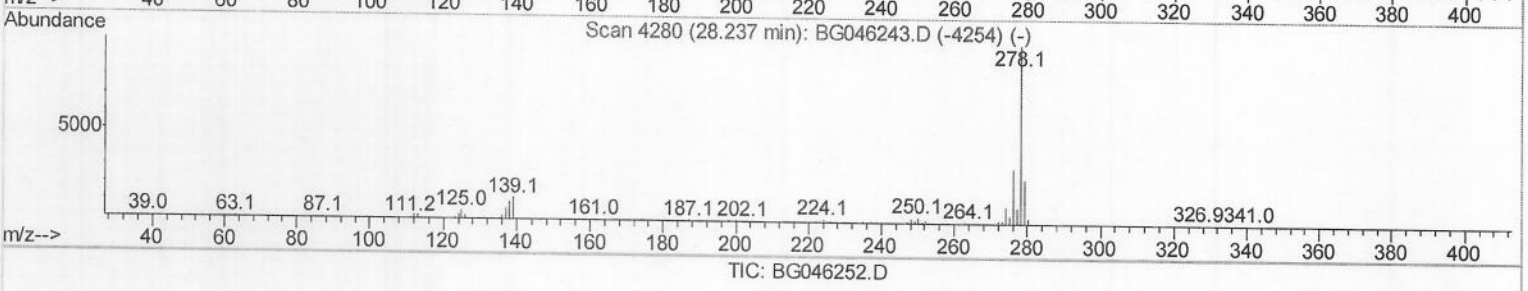
BNA_G
ClientSampleId :
BFM52

Manual Integrations APPROVED
Sohil
8/14/2020 2:52:26 PM







TIC: BG046252.D

(29) Dibenzo(a,h)anthracene

28.202min (-0.036) 0.67ng/ul

response 23362

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	18.34#
279.00	24.60	31.70#
0.00	0.00	0.00

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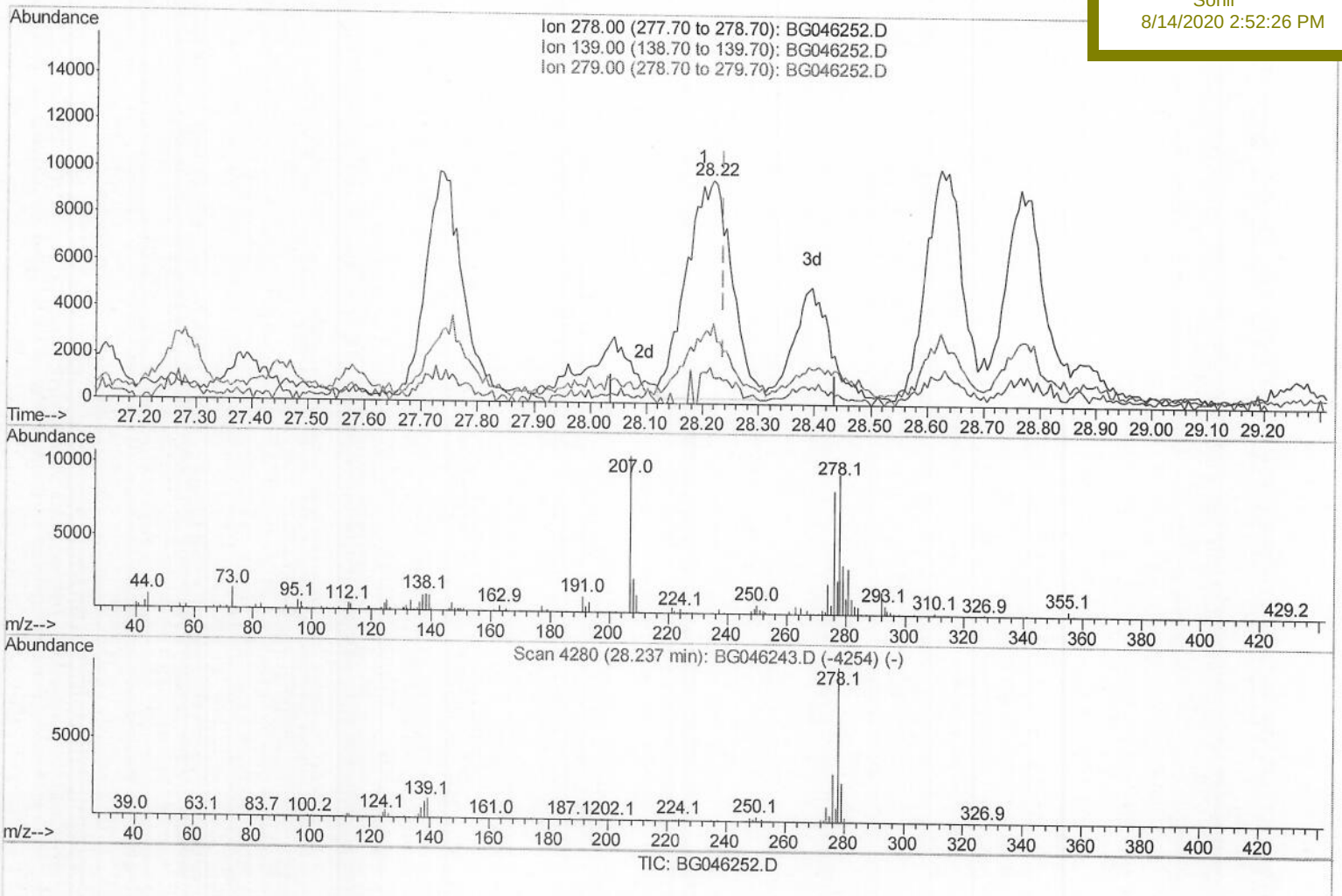
Instrument :
BNA_G
ClientSampleId :
BFM52

Manual Integrations APPROVED
Sohil
8/14/2020 2:52:26 PM



TIC: BG046252.D

(29) Dibenzo(a,h)anthracene

28.219min (-0.018) 1.51ng/ul m -> 08/14/20 JU

response 52856

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	11.93
279.00	24.60	35.88#
0.00	0.00	0.00

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Instrument : BNA_G
ClientSampleId : BFM52

Manual Integrations APPROVED
Sohil
8/14/2020 2:52:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	89467	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	364194	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	235987	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	527361	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	530843	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	567191	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	109815	17.51	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	436398	20.09	ng/ul	0.00
10) Fluorene-d10	15.56	176	335907	20.18	ng/ul	0.00
15) Anthracene-d10	17.41	188	521553	21.33	ng/ul	0.00
19) Pyrene-d10	19.70	212	604471	22.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	666156	21.52	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.36	178	274476	9.461	ng/ul	99
16) Anthracene	17.45	178	61631	2.105	ng/ul	99
17) Fluoranthene	19.36	202	479462	14.821	ng/ul	99
20) Pyrene	19.72	202	407936	11.707	ng/ul	98
21) Benzo(a)anthracene	21.54	228	288500	8.353	ng/ul	96
22) Chrysene	21.60	228	269477	8.071	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	360519	9.612	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	130838m ->	3.517	ng/ul	
27) Benzo(a)pyrene	24.52	252	235171	6.830	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.17	276	162693	3.773	ng/ul	99
29) Dibenzo(a,h)anthracene	28.22	278	52856m ->	1.512	ng/ul	
30) Benzo(g,h,i)perylene	29.25	276	137097	3.799	ng/ul	97

08/14/20 JV

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