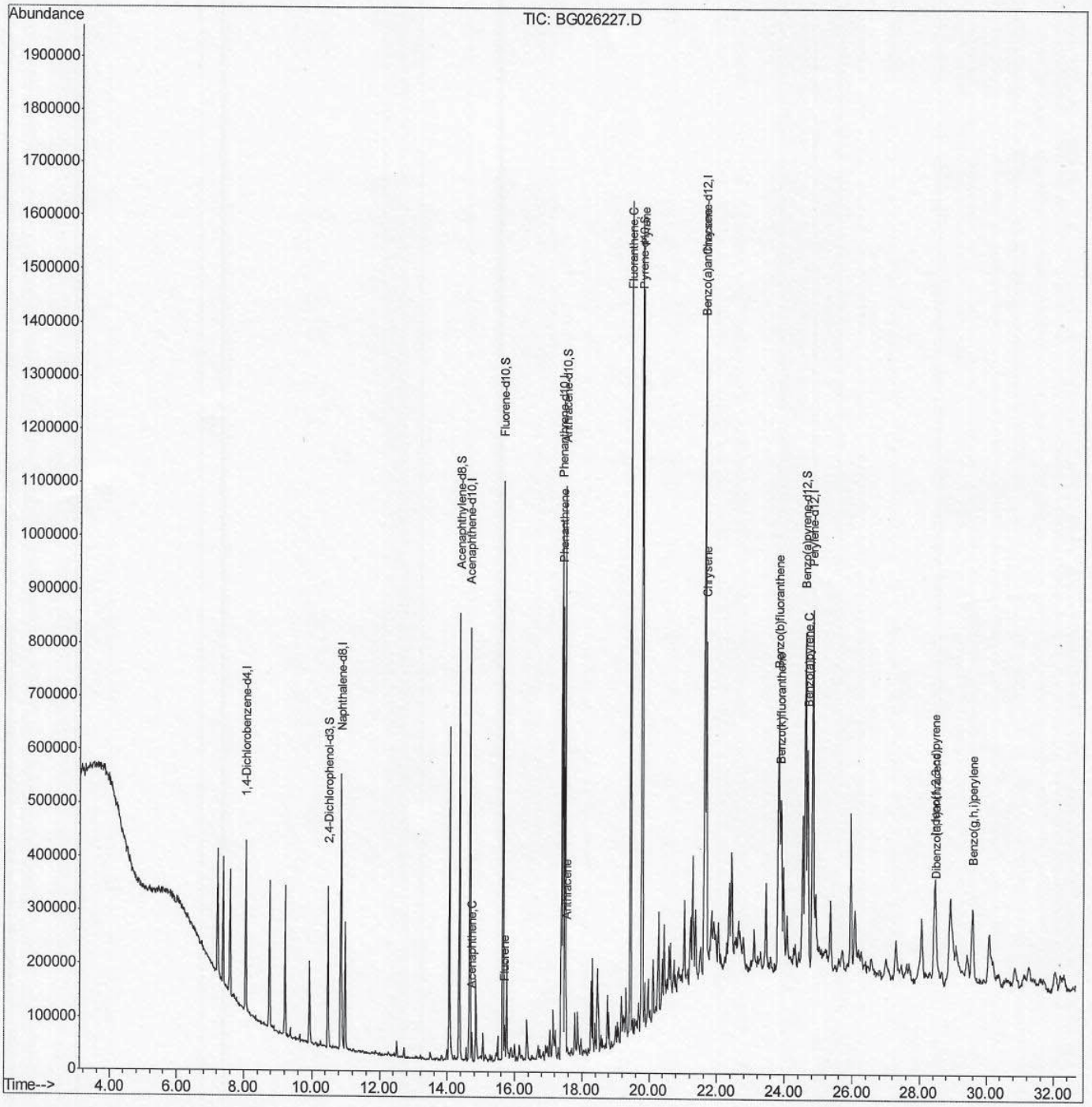
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
Data File : BG026227.D
Acq On : 14 Mar 2017 1:03
Operator : SJ/MA
Sample : I2217-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 21 17:24:41 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 17:21:10 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CB2Y9

Manual Integrations APPROVED
mohammad
3/16/2017 10:53:42 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
Data File : BG026227.D
Acq On : 14 Mar 2017 1:03
Operator : SJ/MA
Sample : I2217-18
Misc :
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Quant Time: Mar 15 17:56:08 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
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ClientSampleId :
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mohammad
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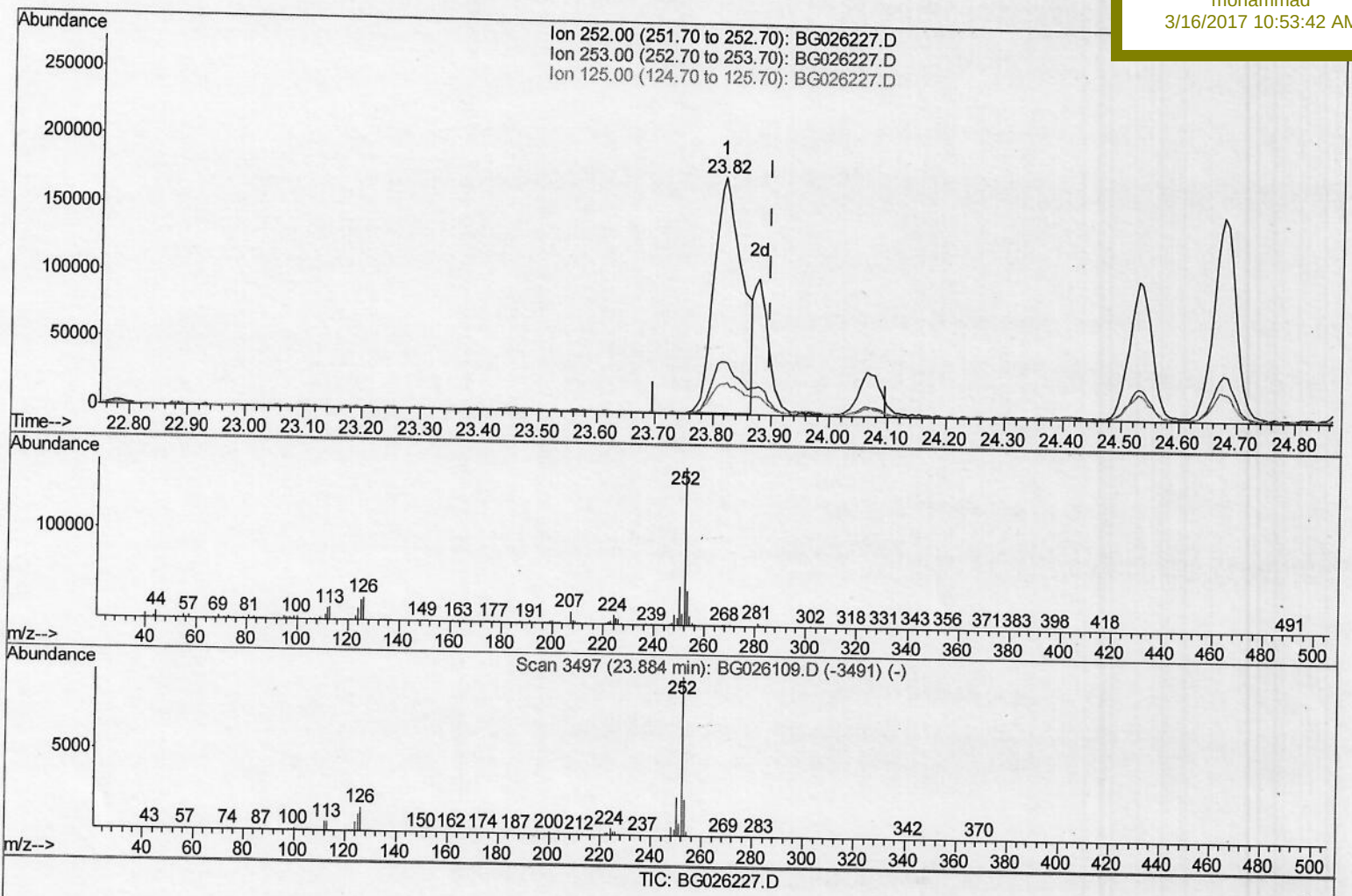

TIC: BG026227.D

(25) Benzo(k)fluoranthene

23.819min (-0.078) 19.03ng/ul

response 589112

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.00
125.00	11.00	12.91
0.00	0.00	0.00

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mohammad
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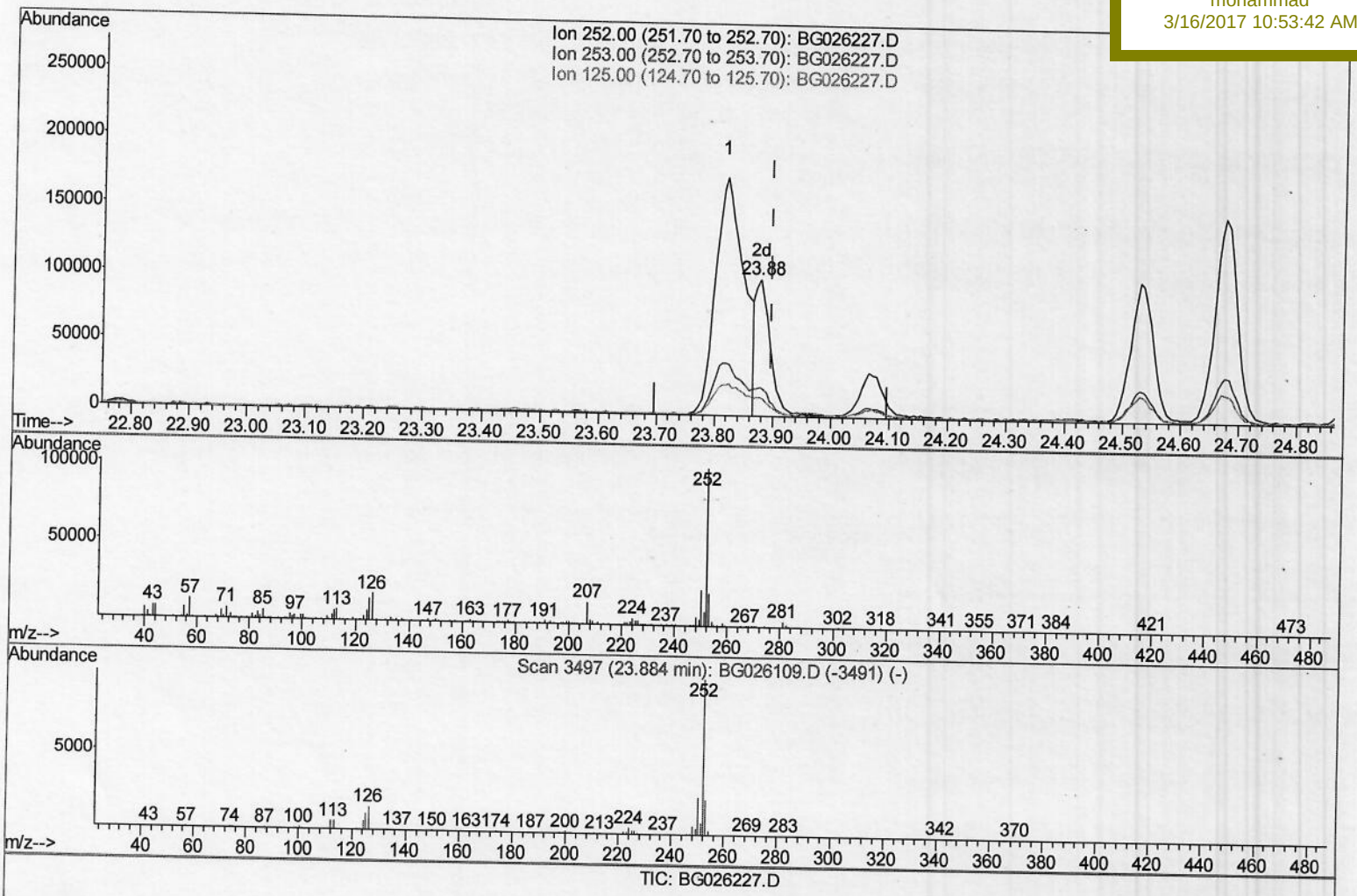

TIC: BG026227.D

(25) Benzo(k)fluoranthene

23.878min (-0.019) 5.65ng/ul m SJ 03/16/17

response 174815

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	20.80
125.00	11.00	13.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

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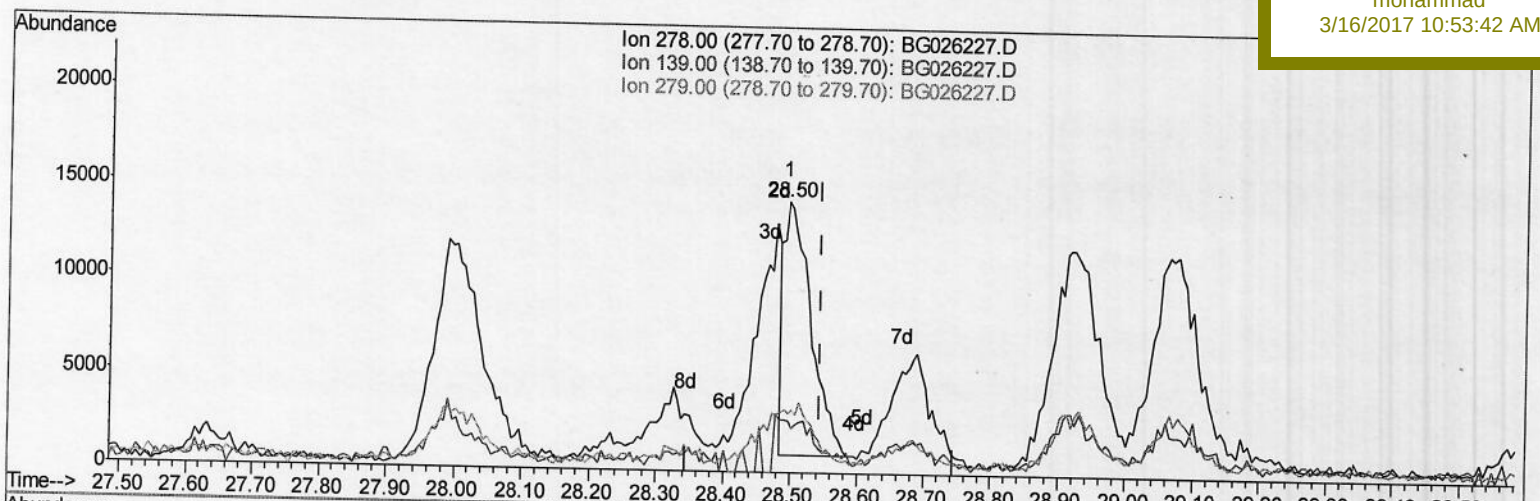
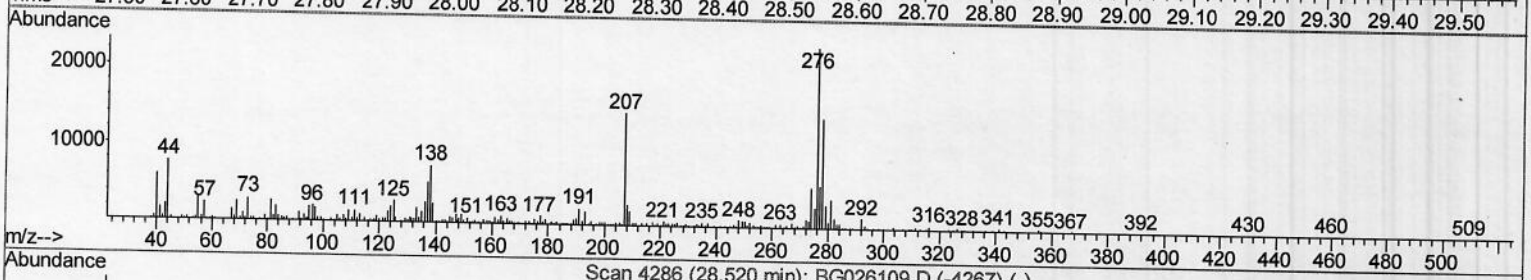
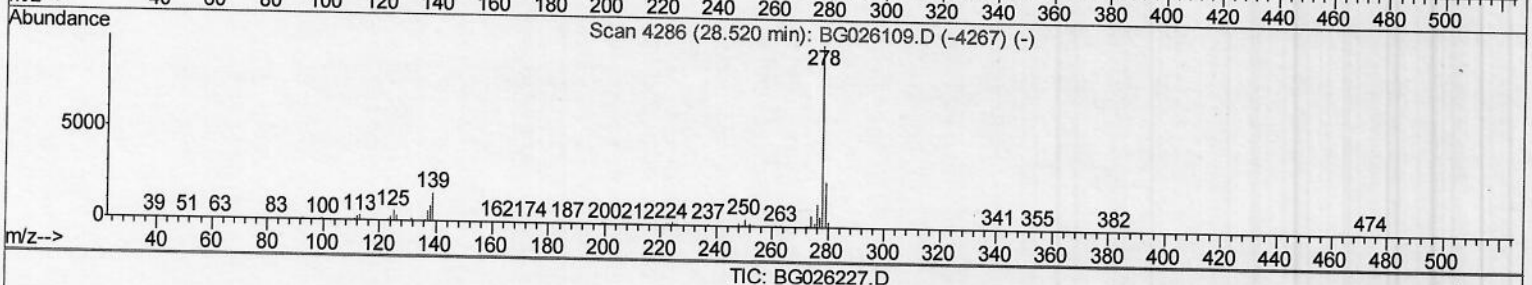
BNA_G
ClientSampleId :
CB2Y9

Manual Integrations APPROVED
mohammad
3/16/2017 10:53:42 AM







TIC: BG026227.D

(29) Dibenzo(a,h)anthracene

28.496min (-0.049) 1.40ng/ul

response 36845

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	18.92
279.00	25.80	21.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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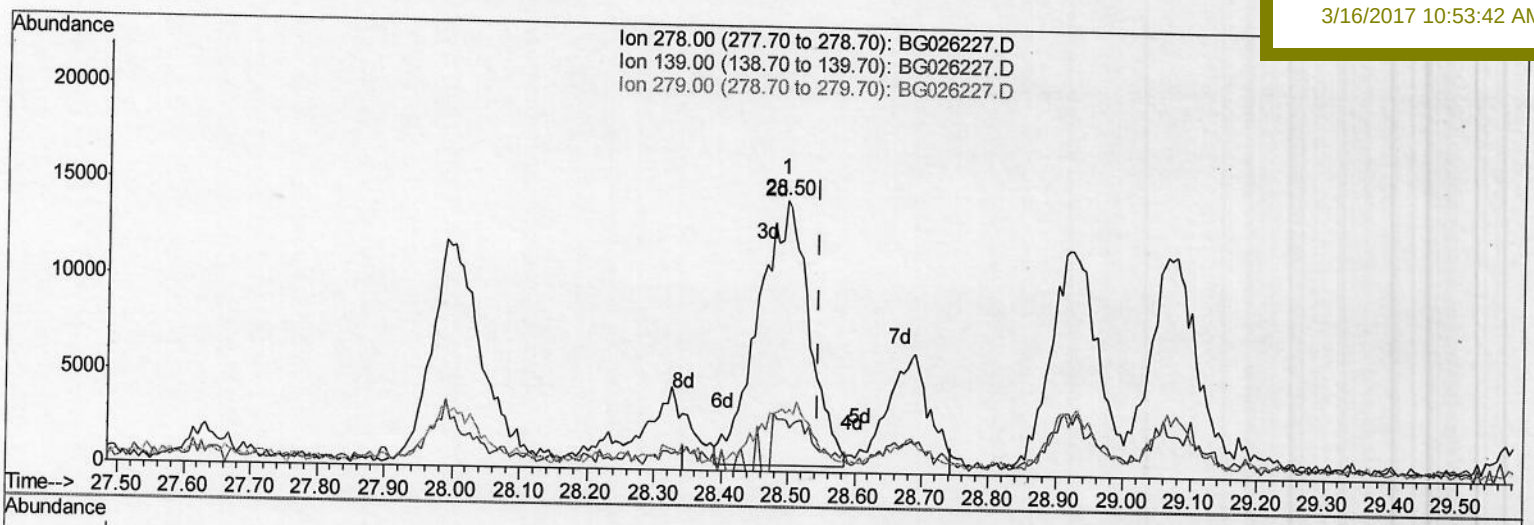
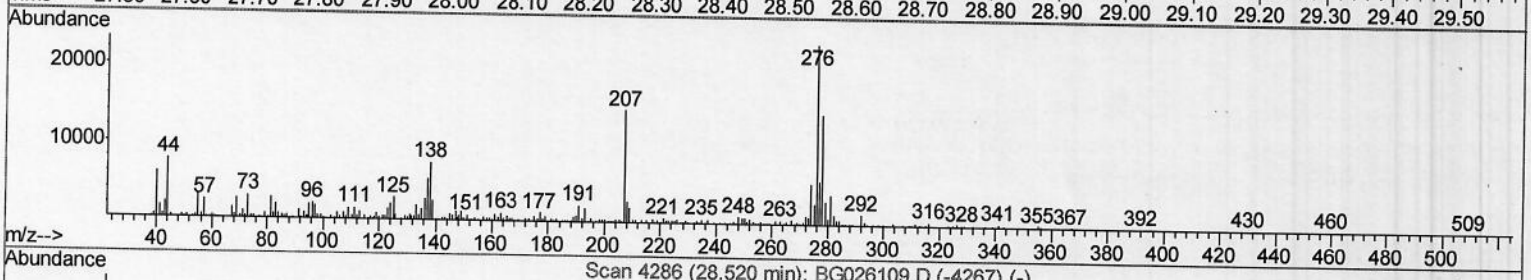
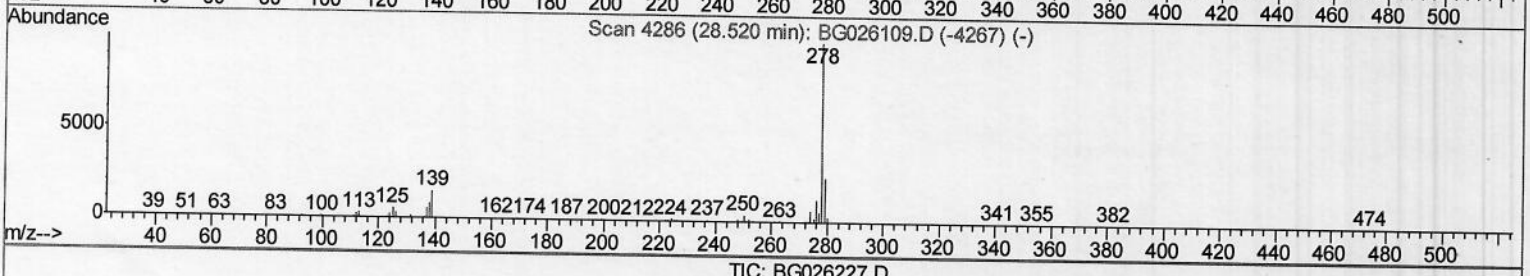
BNA_G
ClientSampleId :
CB2Y9

Manual Integrations APPROVED
mohammad
3/16/2017 10:53:42 AM







TIC: BG026227.D

(29) Dibenzo(a,h)anthracene

28.496min (-0.049) 2.81ng/ul m S1 03/16/17

response 74256

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	18.92
279.00	25.80	21.78
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ClientSampleId : CB2Y9

Manual Integrations APPROVED
mohammad
3/16/2017 10:53:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	88625	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.86	136	448755	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.66	164	269992	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.40	188	590492	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	596833	20.00	ng/ul	-0.01
23) Perylene-d12	24.83	264	571119	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	117769	17.72	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	613848	26.67	ng/ul	-0.01
10) Fluorene-d10	15.65	176	433140	25.79	ng/ul	-0.01
15) Anthracene-d10	17.49	188	591579	22.54	ng/ul	-0.01
19) Pyrene-d10	19.76	212	645823	21.21	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	592025	24.04	ng/ul	-0.02
Target Compounds						Qvalue
9) Acenaphthene	14.72	153	22880	1.38	ng/ul	91
11) Fluorene	15.70	166	25762	1.37	ng/ul	98
14) Phenanthrene	17.44	178	544051	17.39	ng/ul	99
16) Anthracene	17.53	178	102118	3.23	ng/ul	97
17) Fluoranthene	19.44	202	895029	27.55	ng/ul	99
20) Pyrene	19.79	202	792271	20.85	ng/ul	98
21) Benzo(a)anthracene	21.62	228	436333	13.14	ng/ul	97
22) Chrysene	21.69	228	425496	13.73	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	589112	18.17	ng/ul	99
25) Benzo(k)fluoranthene	23.88	252	174815m	5.65	ng/ul	
27) Benzo(a)pyrene	24.68	252	395985	13.14	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.45	276	276256	8.30	ng/ul	96
29) Dibenzo(a,h)anthracene	28.50	278	74256m	2.81	ng/ul	
30) Benzo(g,h,i)perylene	29.58	276	246217	8.65	ng/ul#	91

S.J 03/16/2017

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