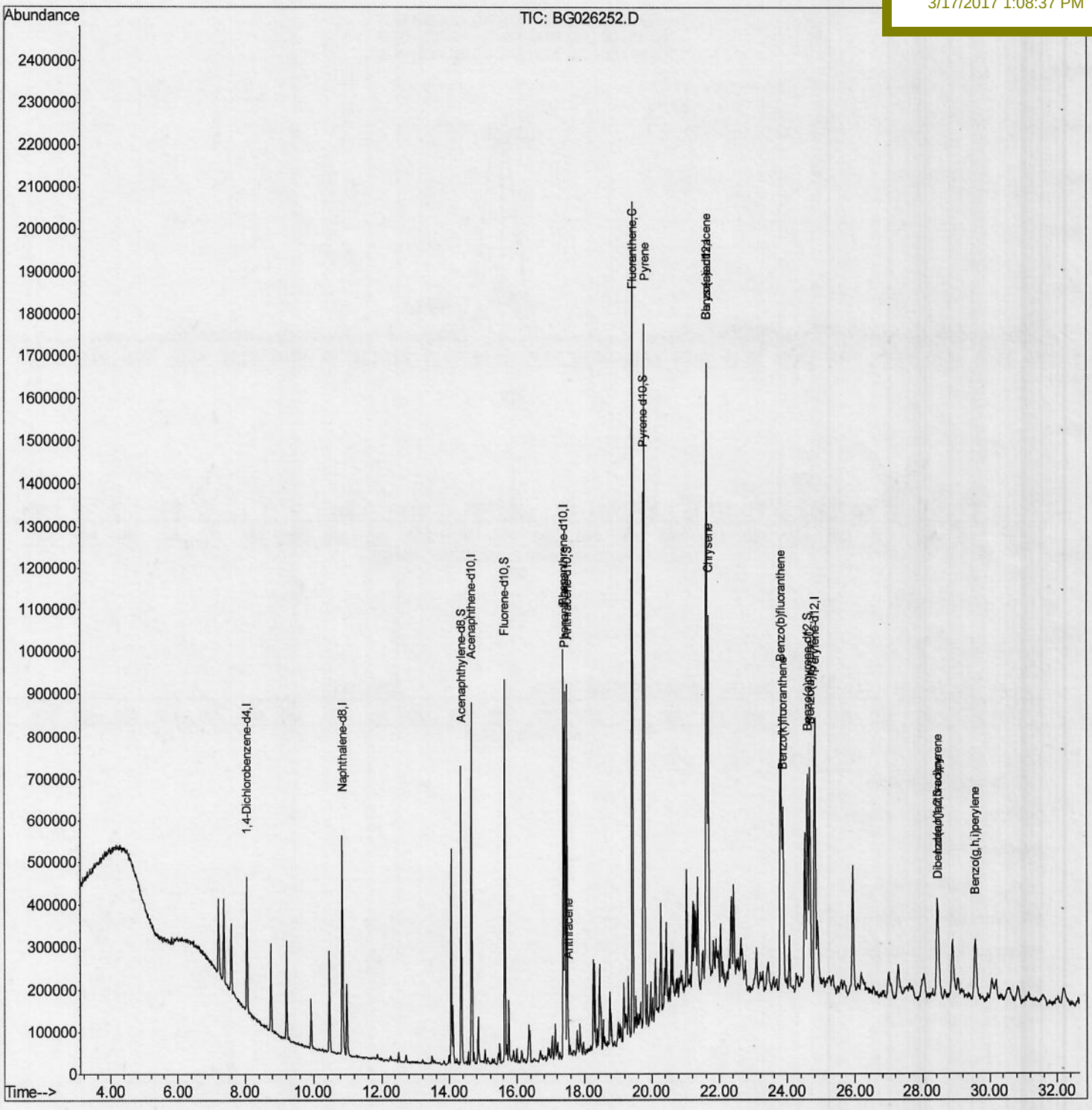
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026252.D
Acq On : 16 Mar 2017 2:53
Operator : SJ/MA
Sample : I2236-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 16 04:34:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 04:25:12 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DABG5

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:37 PM



Quantitation Report (Qedit)

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Data File : BG026252.D
Acq On : 16 Mar 2017 2:53
Operator : SJ/MA
Sample : I2236-07
Misc :
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Quant Time: Mar 16 04:25:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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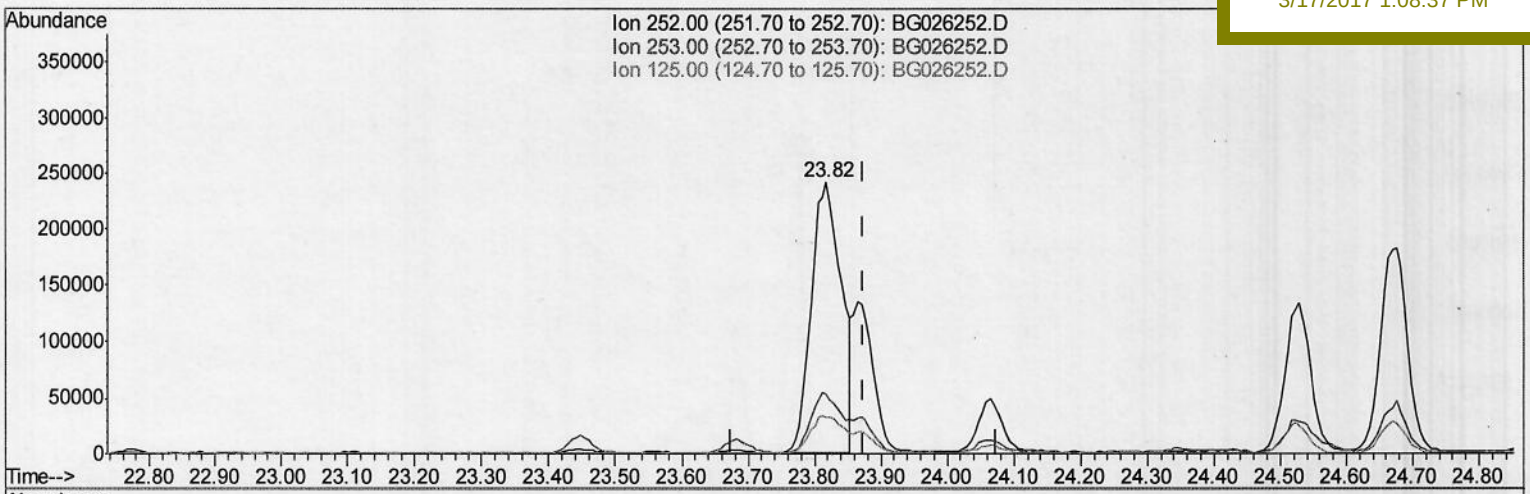
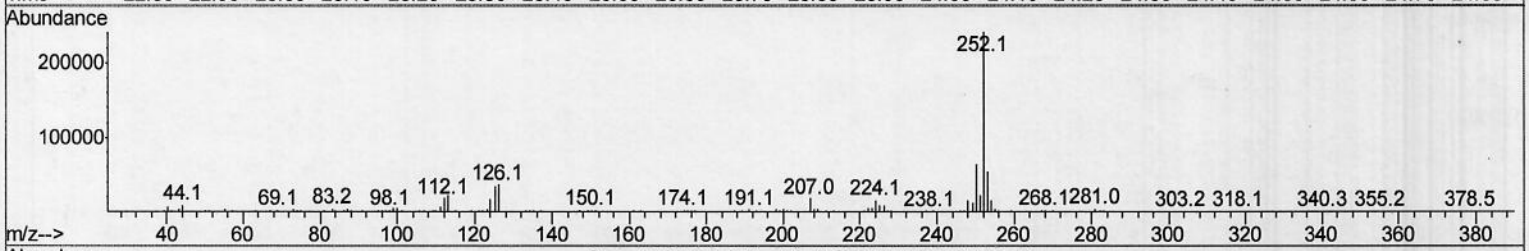
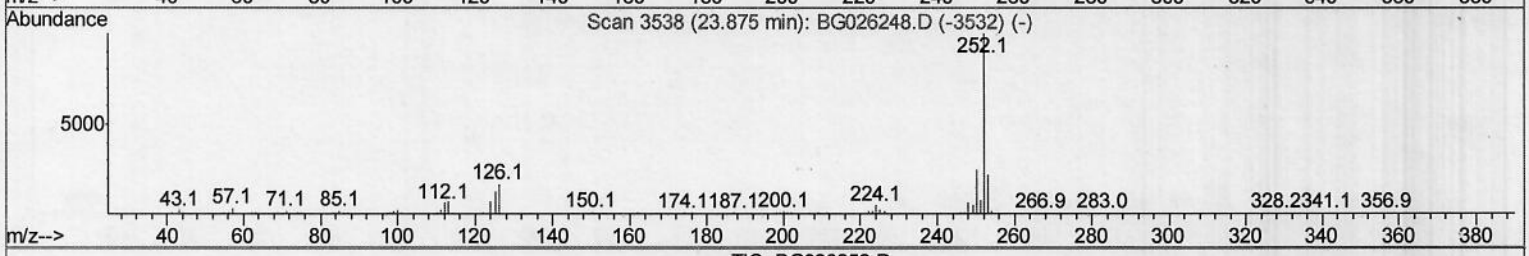
3/17/2017 1:08:37 PM







TIC: BG026252.D

(24) Benzo(k)fluoranthene

23.818min (-0.057) 25.29ng/ul

response 758520

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.18
125.00	10.10	13.68#
0.00	0.00	0.00

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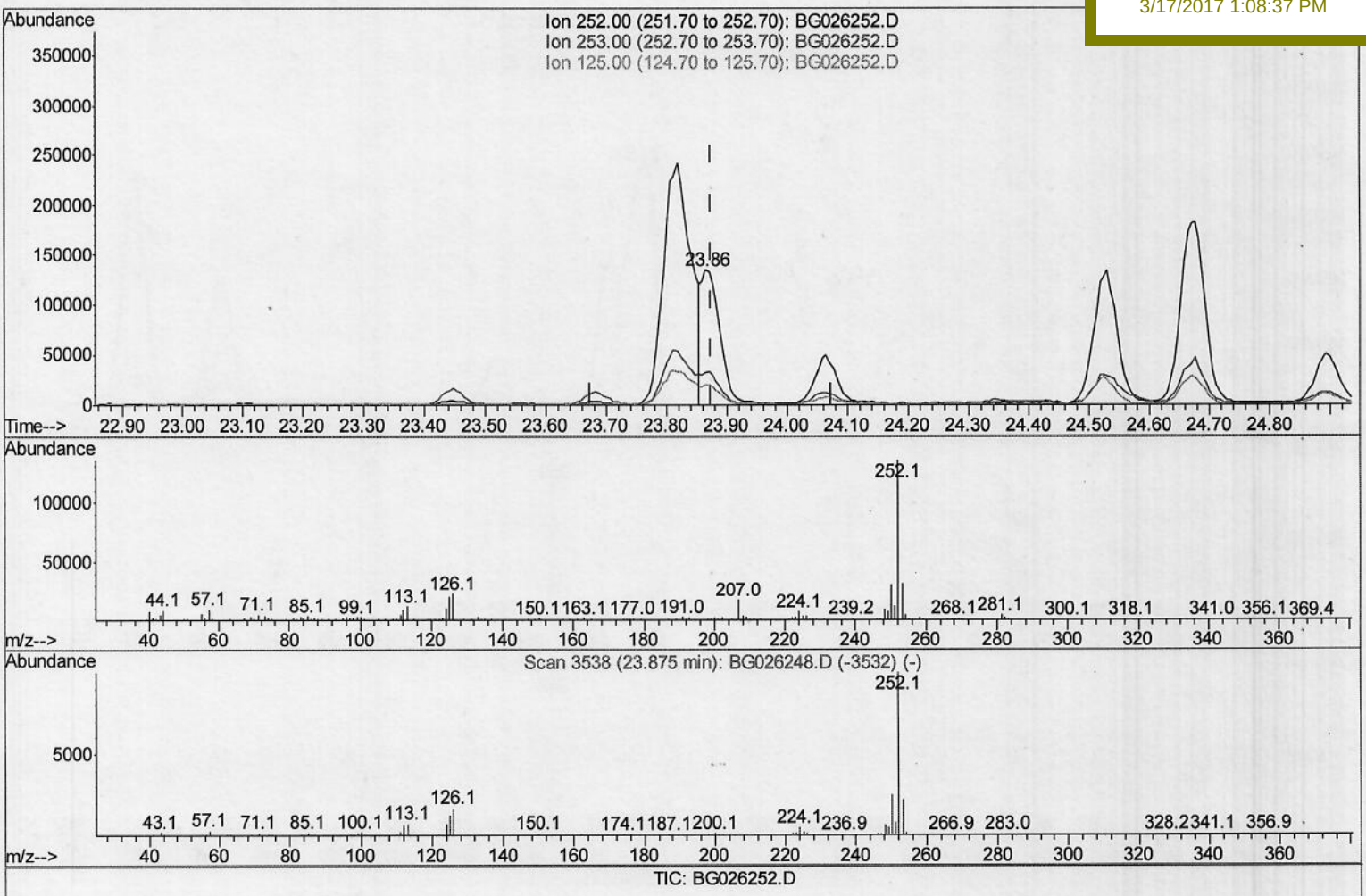
Manual Integrations APPROVED
mohammad
3/17/2017 1:08:37 PM



TIC: BG026252.D

(24) Benzo(k)fluoranthene

23.865min (-0.010) 9.55ng/ul m

response 286543

SJ 03/18/2017

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.35
125.00	10.10	14.92#
0.00	0.00	0.00

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Operator : SJ/MA
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Misc :
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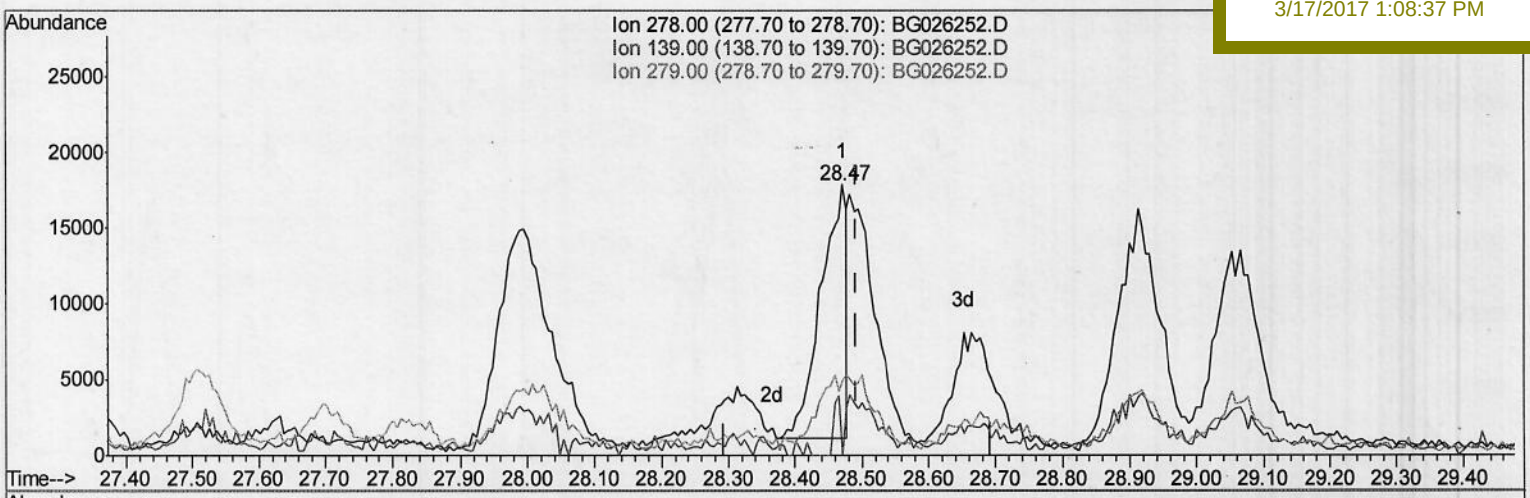
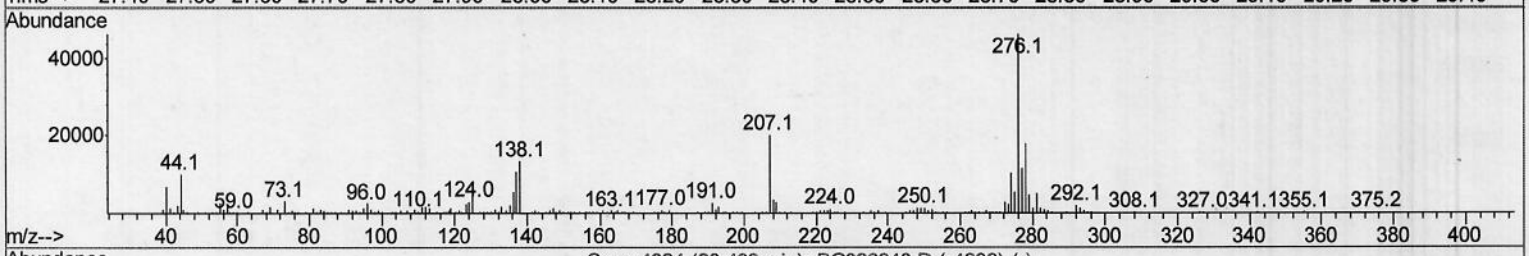
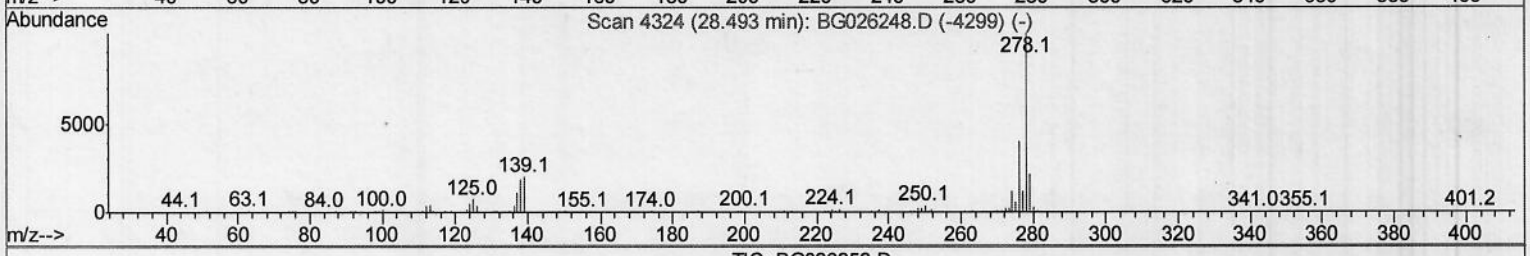
Instrument :
BNA_G
ClientSampleId :
DABG5

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:37 PM







TIC: BG026252.D

(28) Dibenzo(a,h)anthracene

28.471min (-0.021) 1.53ng/ul

response 44617

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	0.00#
279.00	24.00	27.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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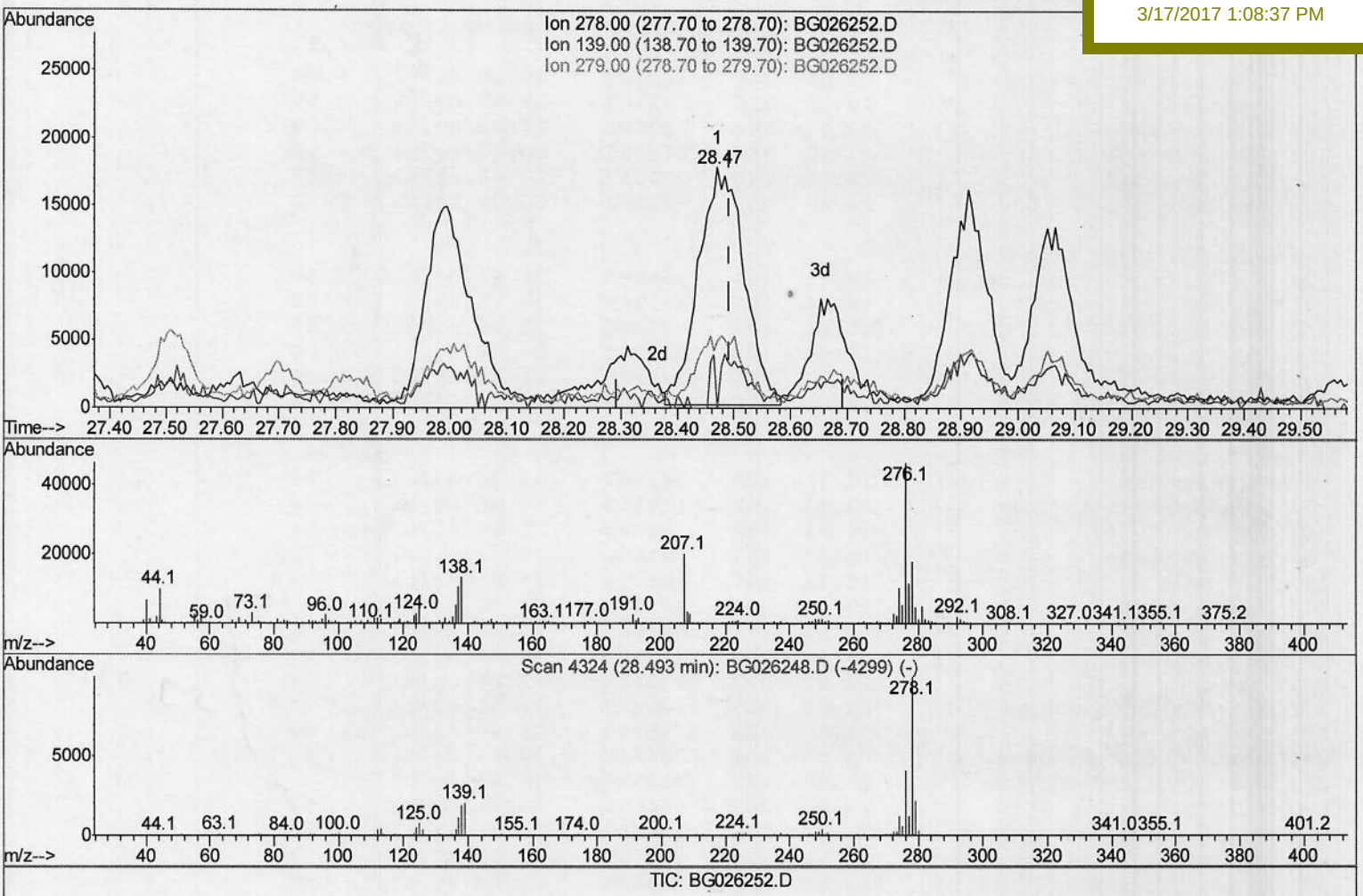
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DABG5

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:37 PM



TIC: BG026252.D

(28) Dibenzo(a,h)anthracene

28.471min (-0.021) 3.35ng/ul m

response 97673

SJ
03/18/2017

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	0.00#
279.00	24.00	27.43
0.00	0.00	0.00

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DABG5

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:37 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	82746	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	440244	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	257014	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	550175	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	558695	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	537393	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	500145	23.50	ng/ul	0.00
10) Fluorene-d10	15.65	176	360053	22.03	ng/ul	0.00
14) Anthracene-d10	17.49	188	495806	19.93	ng/ul	0.00
18) Pyrene-d10	19.76	212	522215	19.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	482512	20.29	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.43	178	507084	17.28	ng/ul	97
15) Anthracene	17.52	178	72544	2.43	ng/ul	98
16) Fluoranthene	19.43	202	1164702	36.11	ng/ul	98
19) Pyrene	19.79	202	958047	28.34	ng/ul#	95
20) Benzo(a)anthracene	21.62	228	639240	20.34	ng/ul	96
21) Chrysene	21.68	228	575469	19.16	ng/ul	97
23) Benzo(b)fluoranthene	23.82	252	758520	24.43	ng/ul#	96
24) Benzo(k)fluoranthene	23.86	252	286543m	9.55	ng/ul	
26) Benzo(a)pyrene	24.68	252	502939	16.74	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.44	276	335562	9.53	ng/ul#	89
28) Dibenzo(a,h)anthracene	28.47	278	97673m	3.35	ng/ul	
29) Benzo(g,h,i)perylene	29.58	276	264453	9.11	ng/ul#	89

SJ
03/18/2017

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