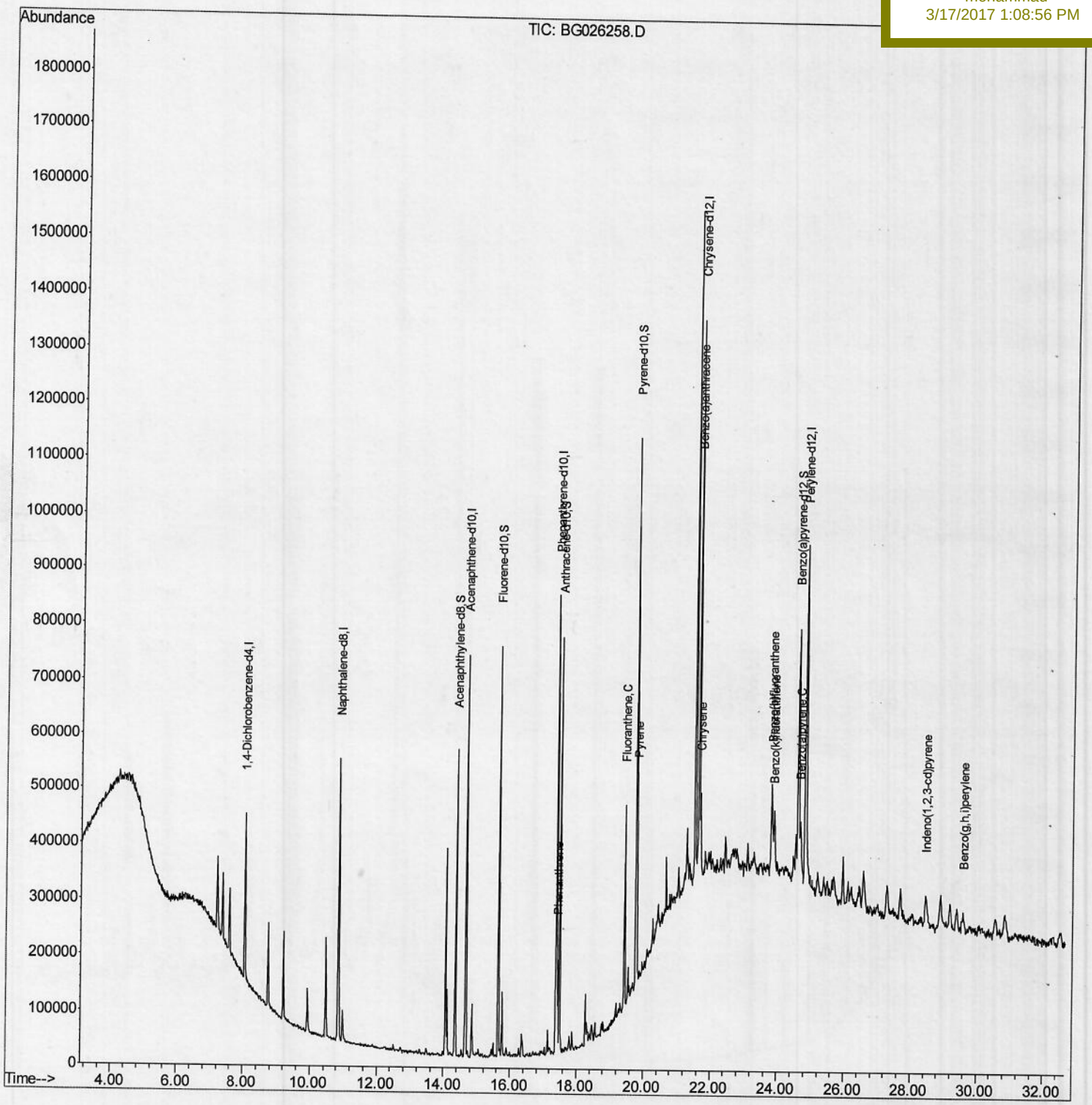
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026258.D
Acq On : 16 Mar 2017 6:49
Operator : SJ/MA
Sample : I2236-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 16 07:39:18 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 :
DABJ3

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:56 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026258.D
Acq On : 16 Mar 2017 6:49
Operator : SJ/MA
Sample : I2236-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 16 07:37:58 2017
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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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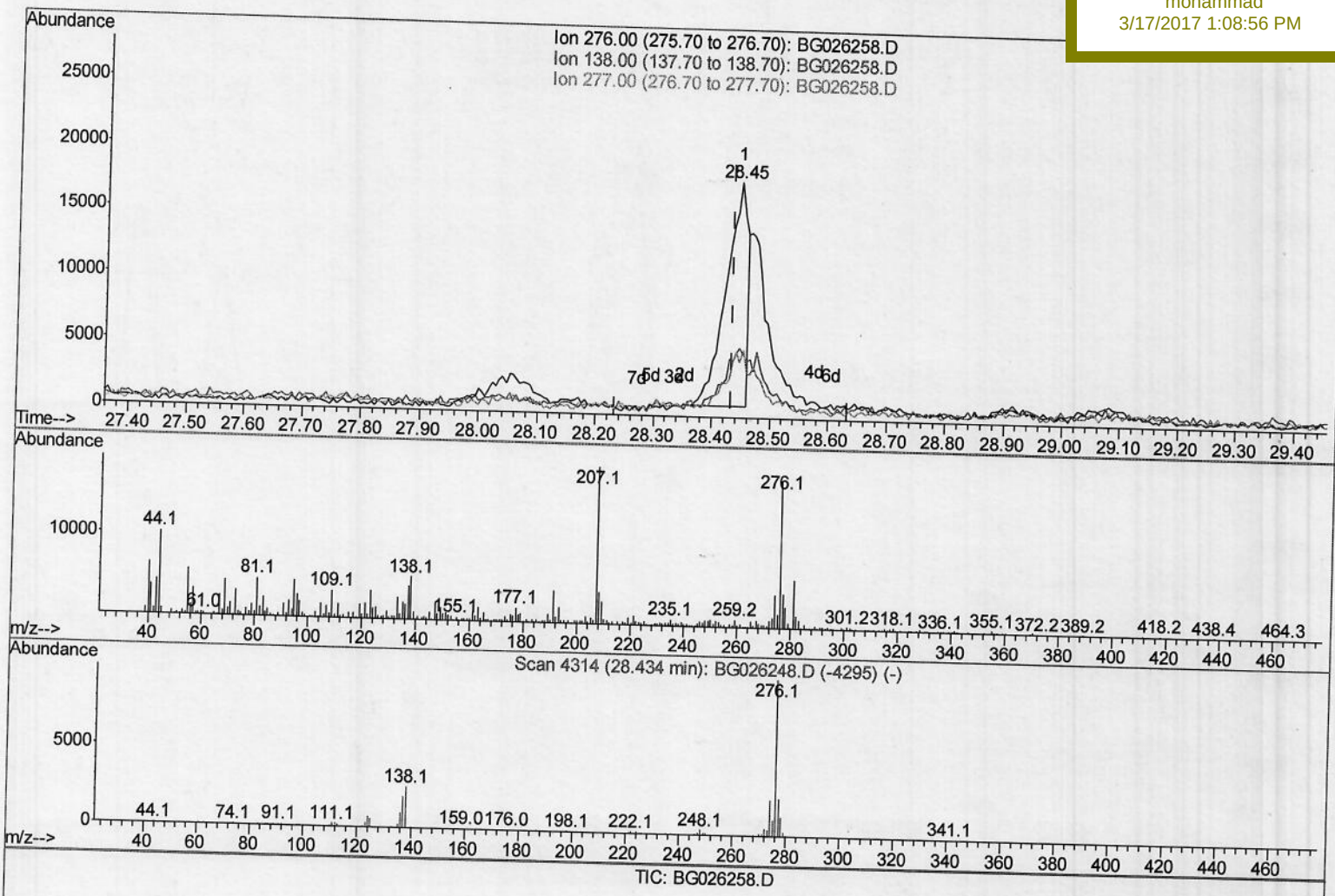
Manual Integrations APPROVED
mohammad
3/17/2017 1:08:56 PM



TIC: BG026258.D

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

28.446min (+0.012) 1.26ng/ul

response 42946

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	29.65#
277.00	22.50	23.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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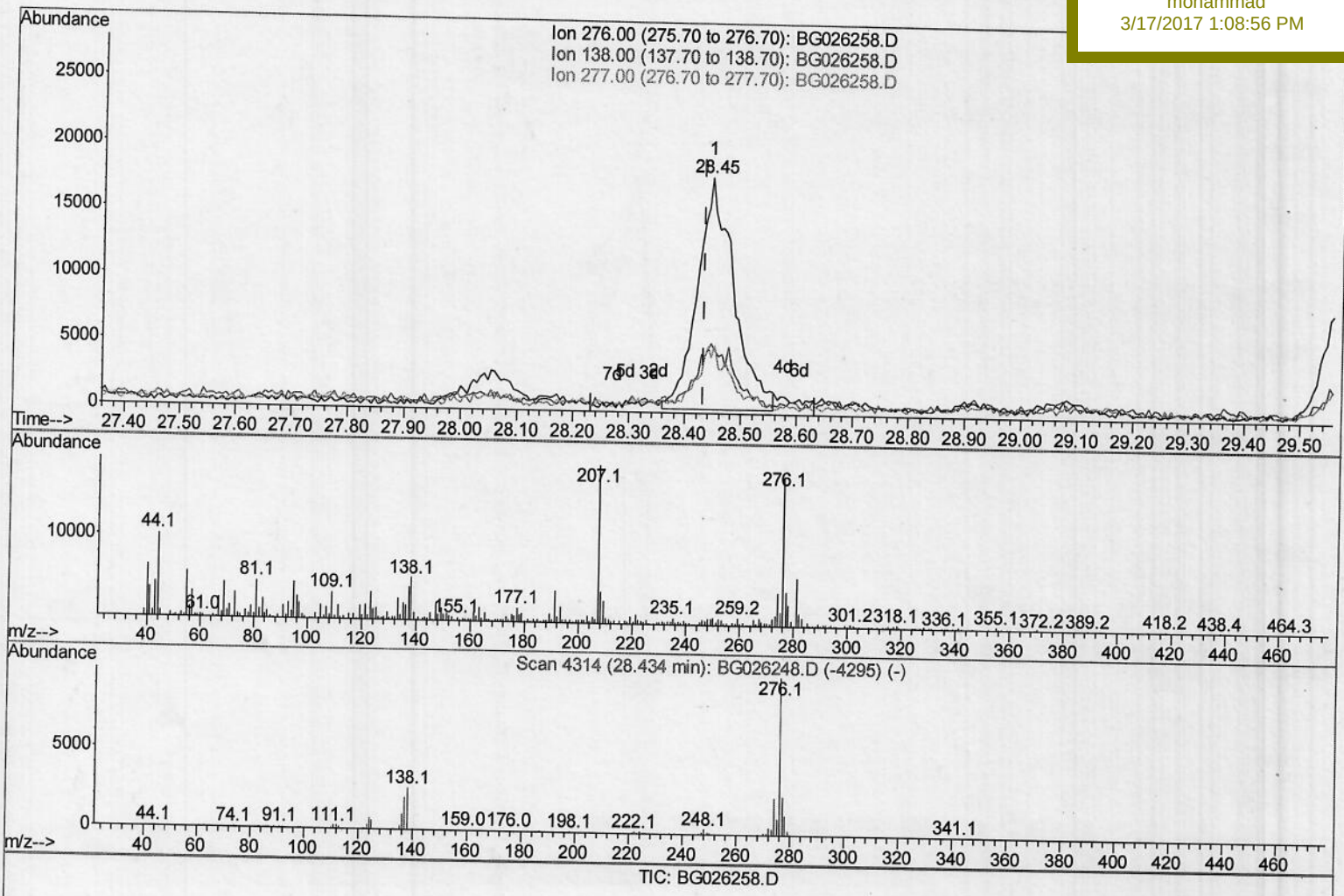
Manual Integrations APPROVED
mohammad
3/17/2017 1:08:56 PM



TIC: BG026258.D

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

28.446min (+0.012) 2.34ng/ul m

response 79708

SJ
03/18/2017

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	29.65#
277.00	22.50	23.85
0.00	0.00	0.00

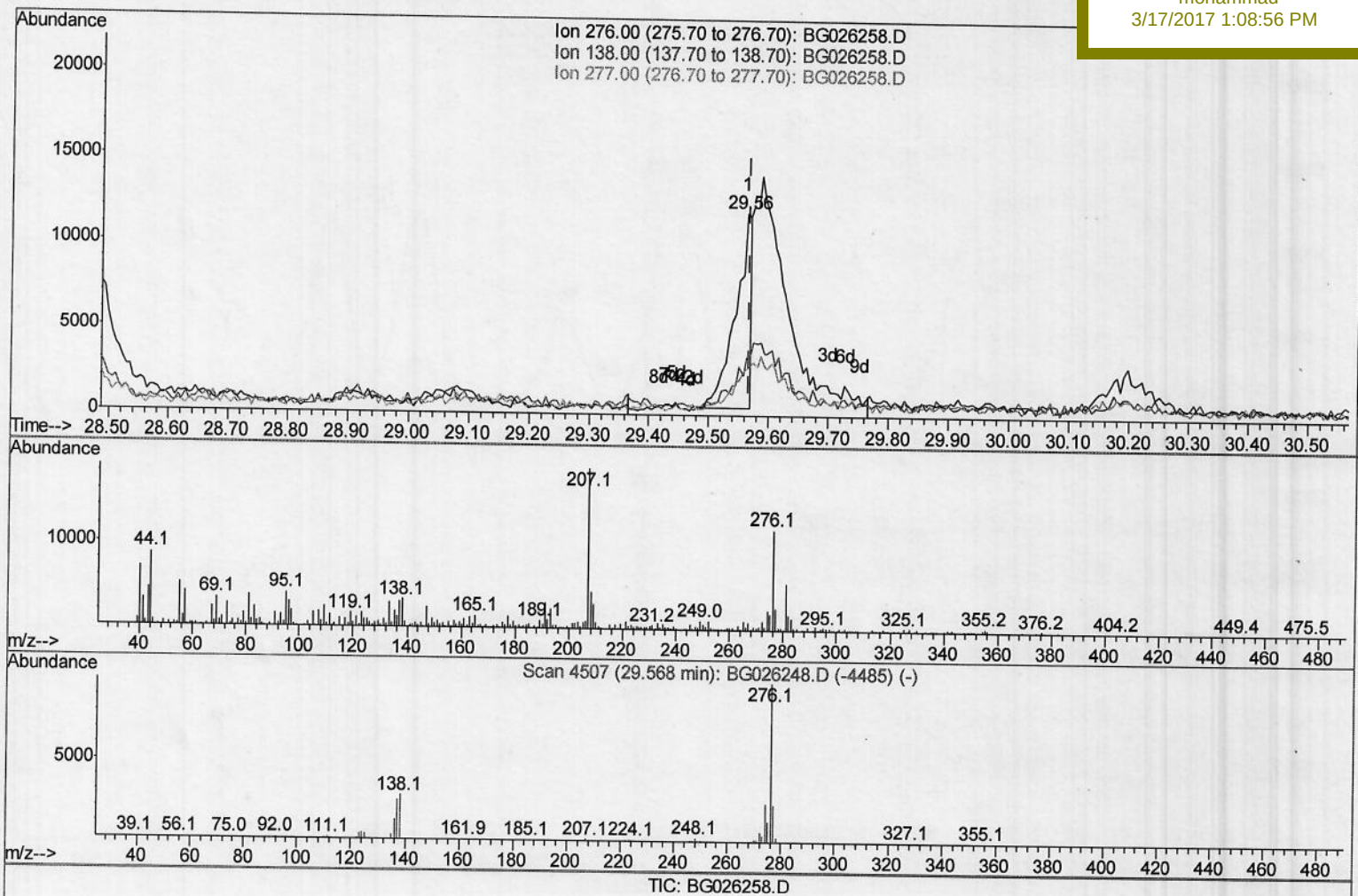
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026258.D
Acq On : 16 Mar 2017 6:49
Operator : SJ/MA
Sample : I2236-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 16 07:38:39 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 :
DABJ3

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:56 PM



TIC: BG026258.D

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

29.563min (-0.005) 0.77ng/ul

response 21521

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	29.03#
277.00	23.70	23.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
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Operator : SJ/MA
Sample : I2236-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 16 07:38:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
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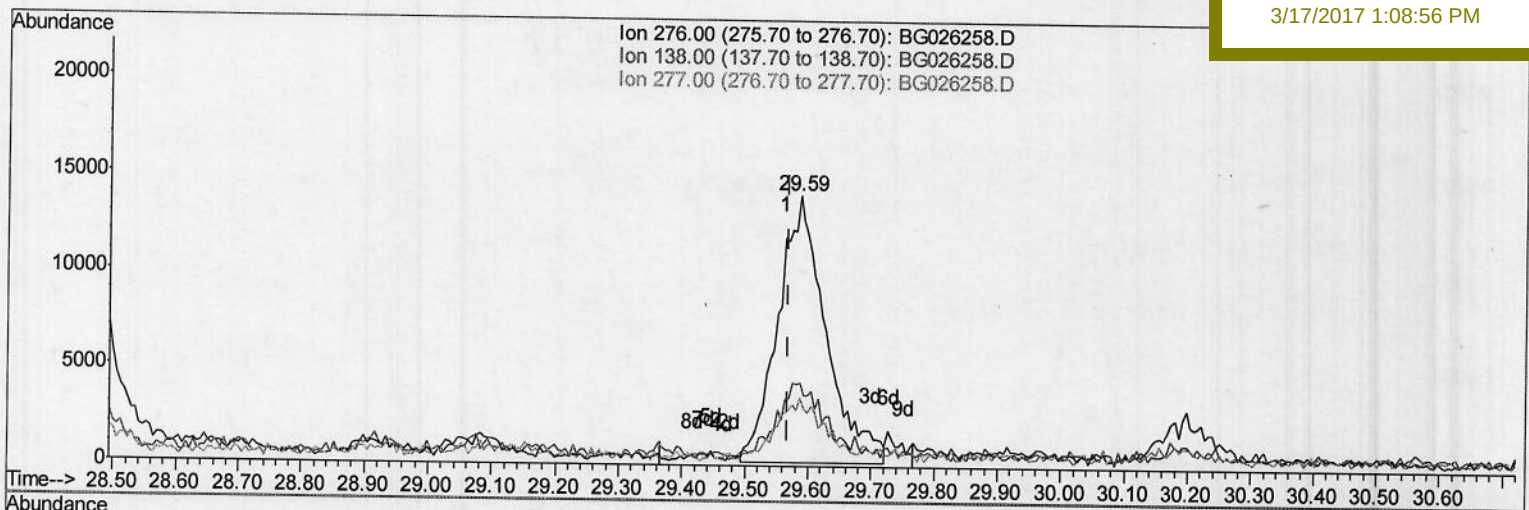
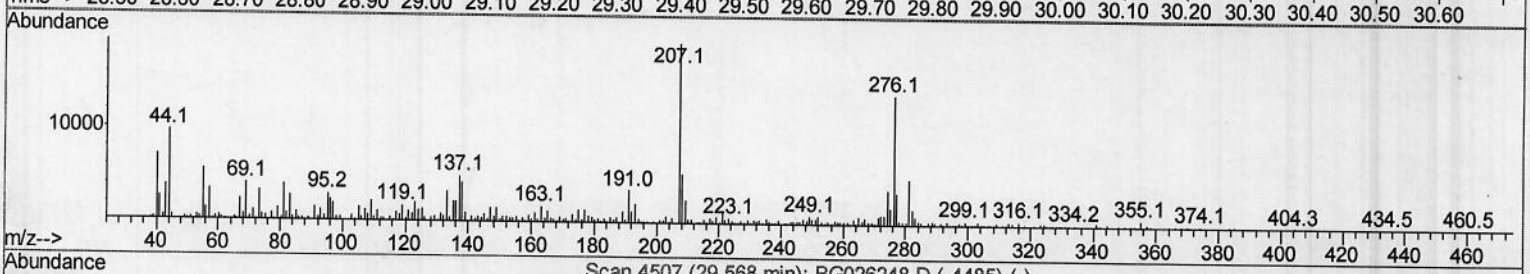
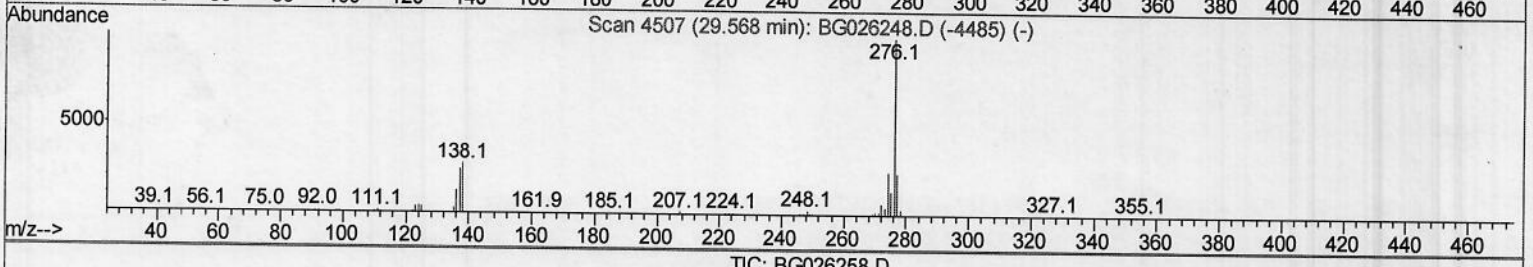
QLast Update : Thu Mar 16 04:25:12 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DABJ3

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:56 PM







TIC: BG026258.D

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

29.586min (+0.018) 2.62ng/ul m

response 73769

SJ 03/18/2017

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	30.25#
277.00	23.70	25.15
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : SJ/MA
Sample : I2236-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABJ3

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:56 PM

Quant Time: Mar 16 07:39:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	81659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	429981	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	236481	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	509978	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	535926	20.00	ng/ul	0.00
22) Perylene-d12	24.83	264	520636	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.36	160	400535	20.45	ng/ul	0.00
10) Fluorene-d10	15.64	176	293059	19.49	ng/ul	0.00
14) Anthracene-d10	17.49	188	428025	18.56	ng/ul	0.00
18) Pyrene-d10	19.76	212	466961	18.08	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	435806	18.91	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.43	178	103481	3.80	ng/ul	99
16) Fluoranthene	19.43	202	209056	6.99	ng/ul	98
19) Pyrene	19.79	202	177700	5.48	ng/ul#	95
20) Benzo(a)anthracene	21.62	228	101885	3.38	ng/ul	94
21) Chrysene	21.68	228	103754	3.60	ng/ul	98
23) Benzo(b)fluoranthene	23.81	252	154243	5.13	ng/ul#	92
24) Benzo(k)fluoranthene	23.87	252	51489	1.77	ng/ul#	91
26) Benzo(a)pyrene	24.67	252	98282	3.38	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.45	276	79708m	2.34	ng/ul	
29) Benzo(g,h,i)perylene	29.59	276	73769m	2.62	ng/ul	

SJ 03/18/2017

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