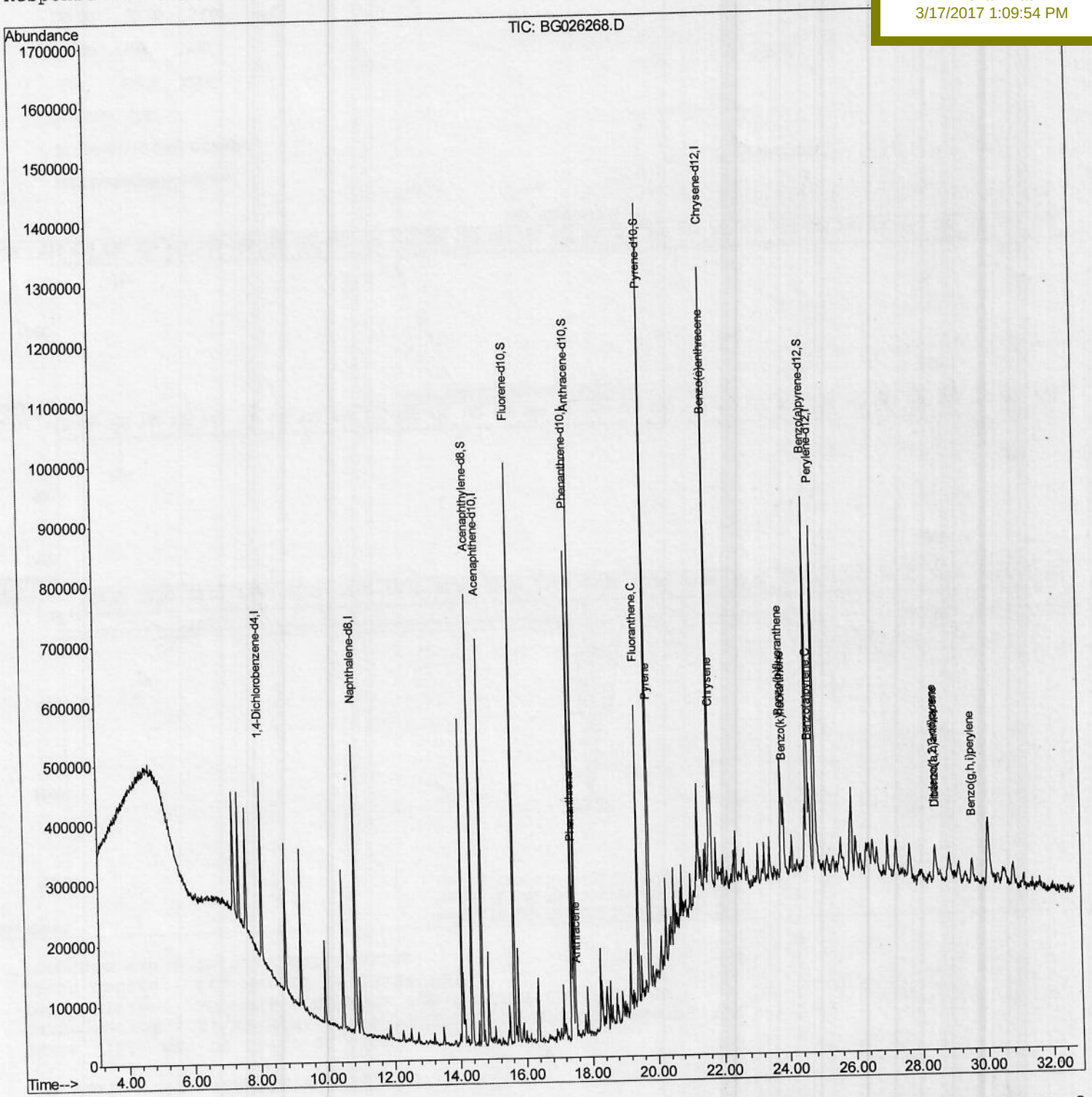
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
Data File : BG026268.D
Acq On : 16 Mar 2017 13:59
Operator : SJ/MA
Sample : I2237-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 16 15:09:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DABH0

Manual Integrations APPROVED
mohammad
3/17/2017 1:09:54 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
Data File : BG026268.D
Acq On : 16 Mar 2017 13:59
Operator : SJ/MA
Sample : I2237-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 16 15:06:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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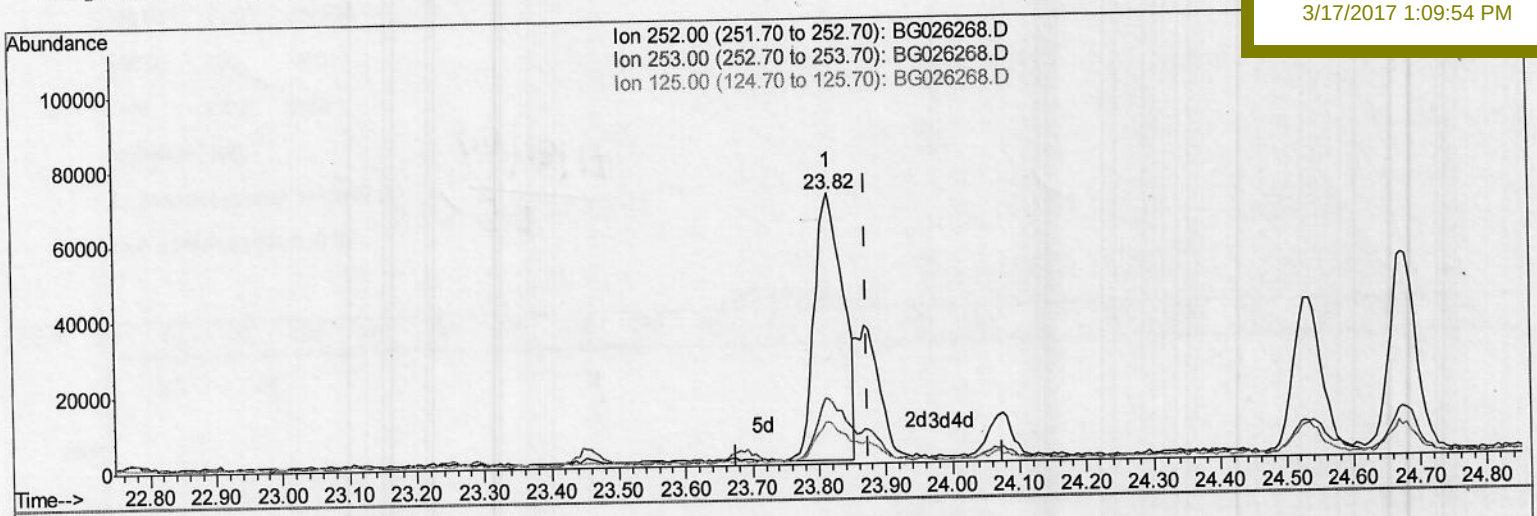

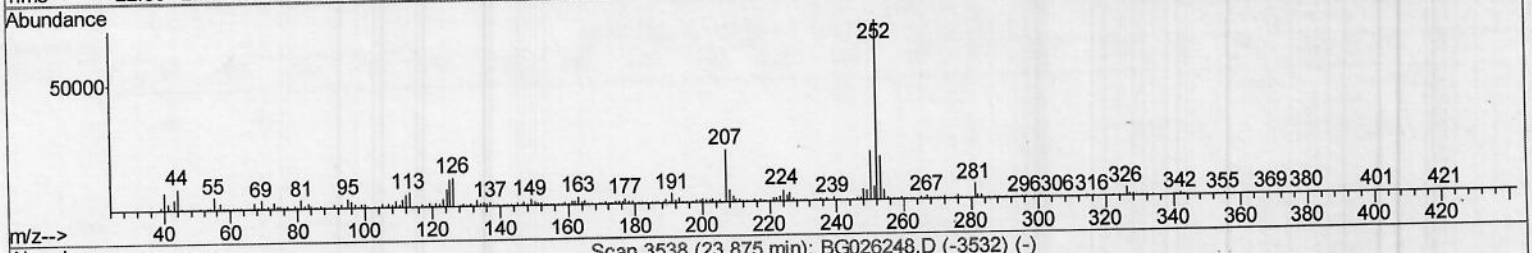

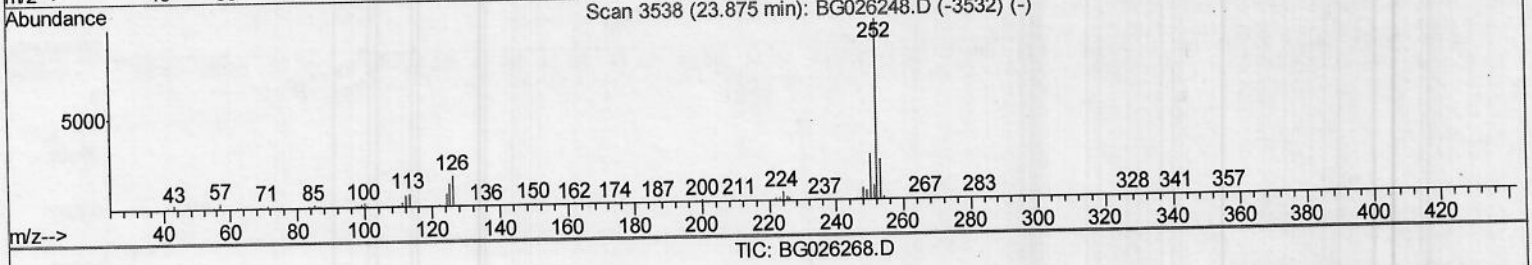

TIC: BG026268.D

(24) Benzo(k)fluoranthene

23.817min (-0.058) 7.39ng/ul

response 213541

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.84
125.00	10.10	15.31#
0.00	0.00	0.00

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Manual Integrations APPROVED
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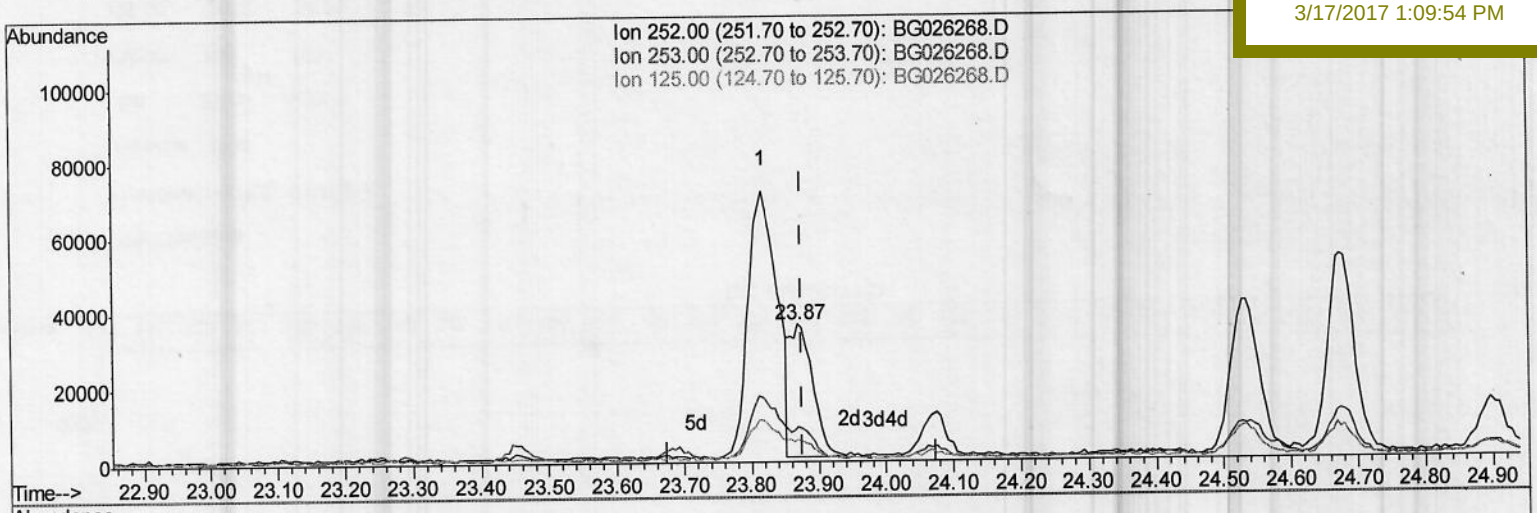

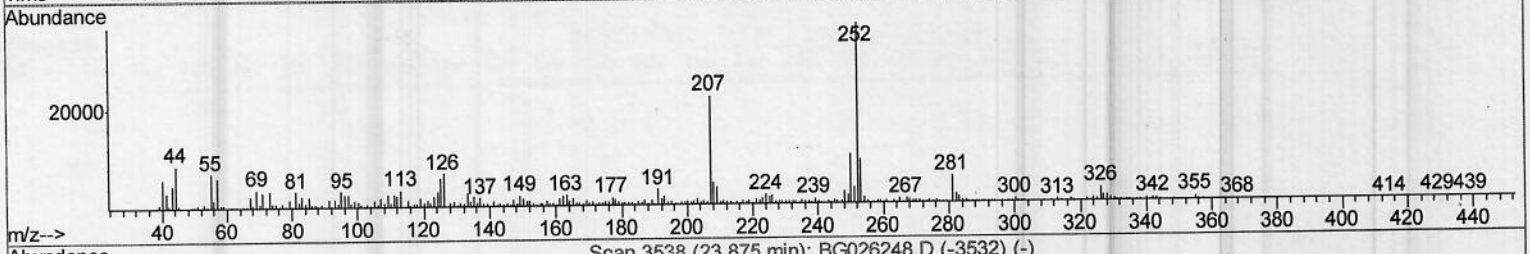

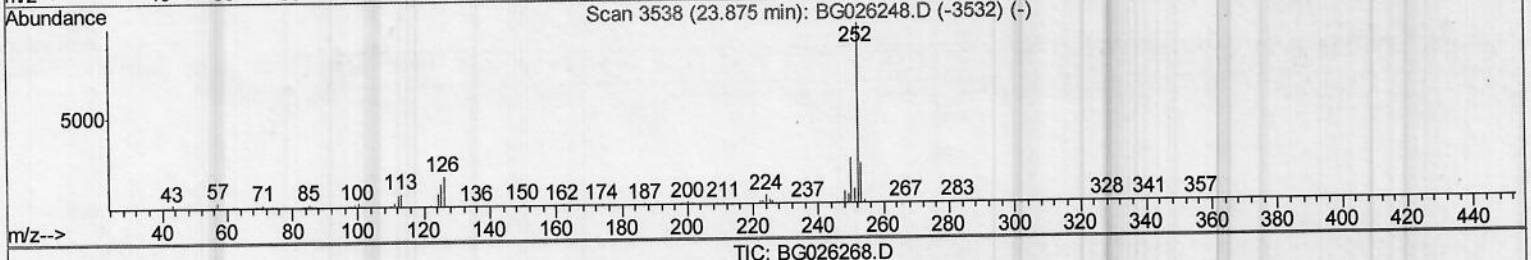

TIC: BG026268.D

(24) Benzo(k)fluoranthene

23.870min (-0.006) 2.82ng/ul m

response 81572

SJ
03/16/2017

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.03
125.00	10.10	16.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
Data File : BG026268.D
Acq On : 16 Mar 2017 13:59
Operator : SJ/MA
Sample : I2237-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 16 15:08:36 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DABH0

Manual Integrations APPROVED
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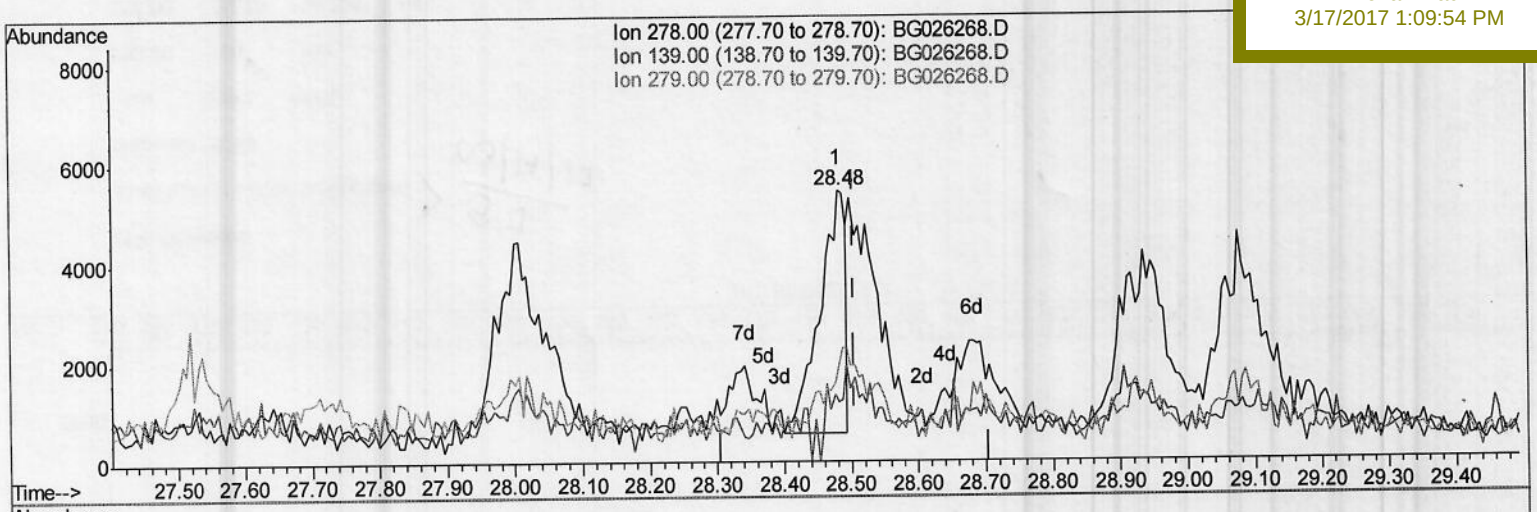

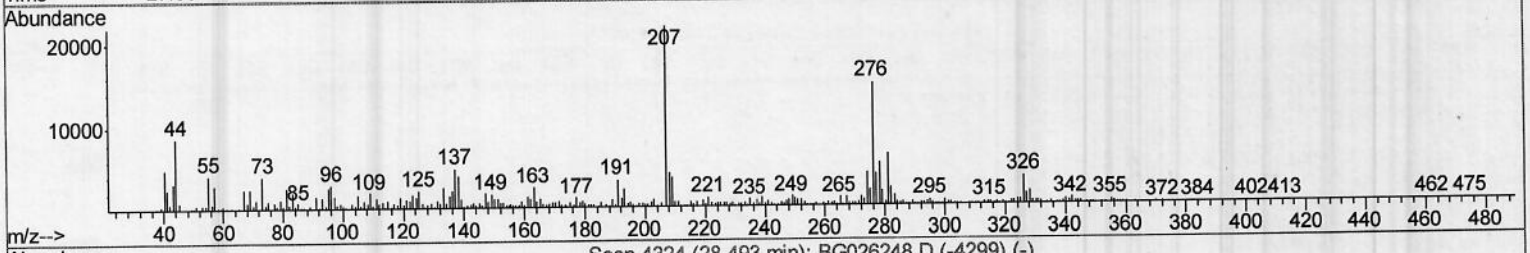

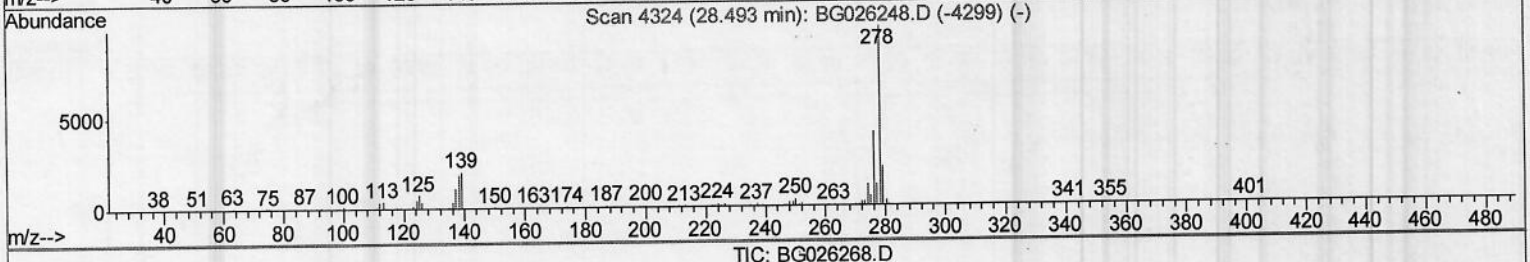

TIC: BG026268.D

(28) Dibenzo(a,h)anthracene

28.482min (-0.023) 0.47ng/ul

response 13229

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	21.83#
279.00	24.00	35.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
DABH0

Manual Integrations APPROVED
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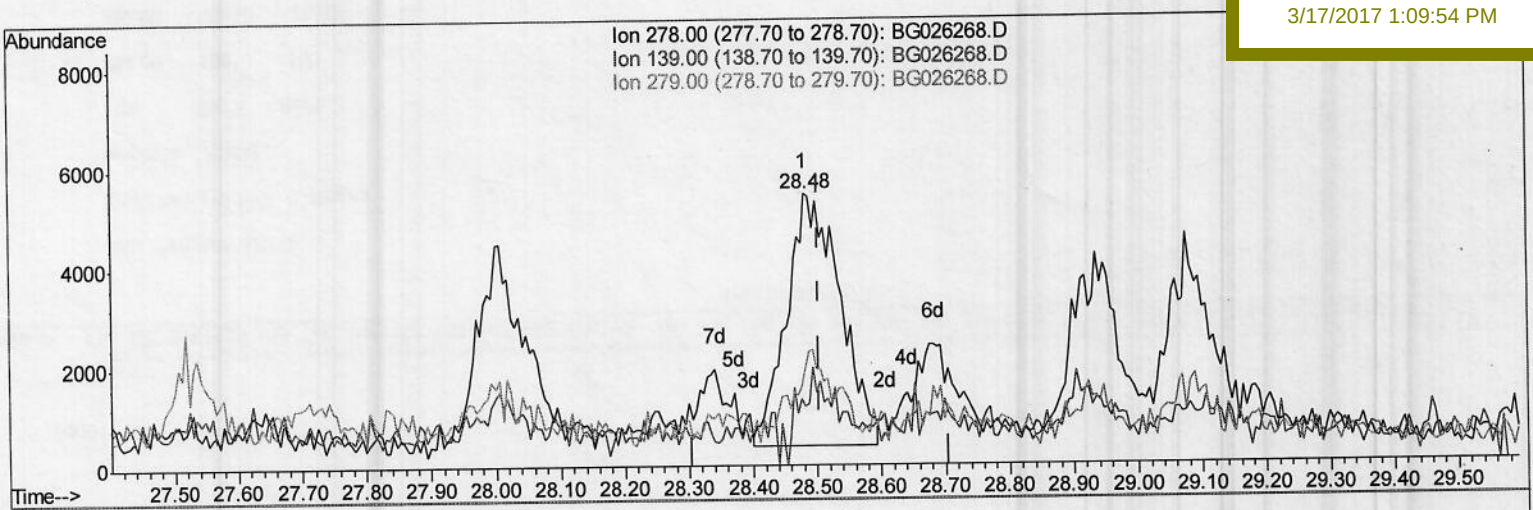
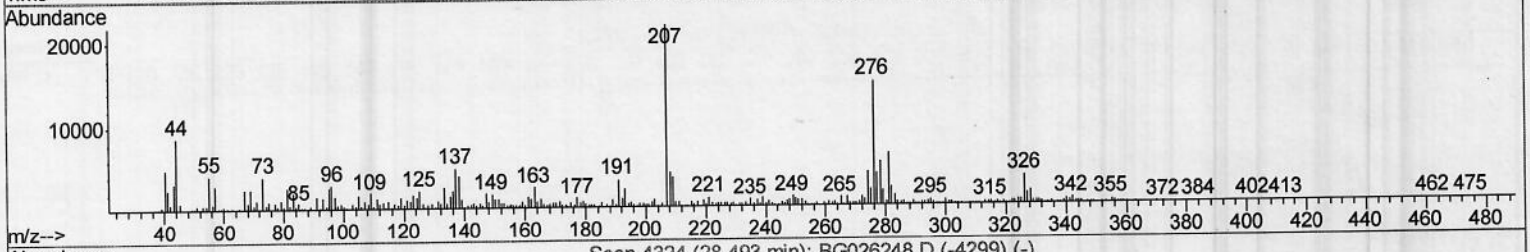
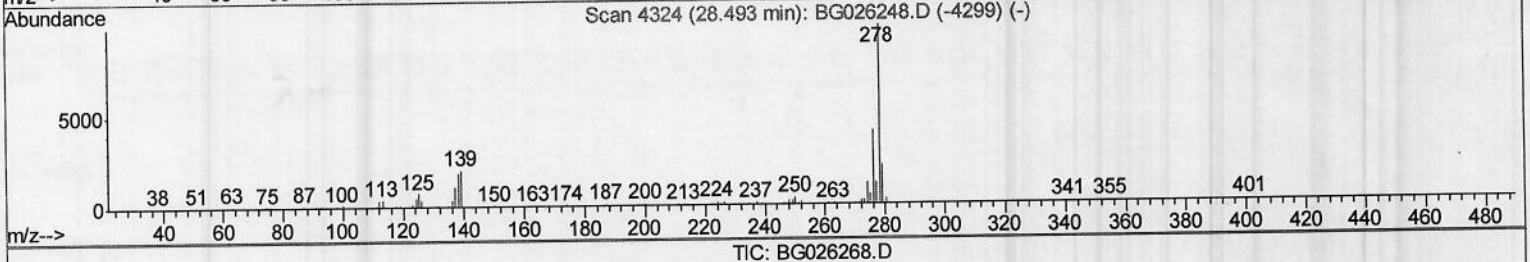
3/17/2017 1:09:54 PM







TIC: BG026268.D

(28) Dibenzo(a,h)anthracene

28.482min (-0.023) 1.03ng/ul m

response 28986

SJ
03/18/2017

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	21.83#
279.00	24.00	35.54#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
BNA_G
ClientSampleId :
DABH0

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	80983	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	408284	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	219405	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	484583	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	531123	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	517467	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	545192	30.01	ng/ul	0.00
10) Fluorene-d10	15.64	176	383814	27.51	ng/ul	0.00
14) Anthracene-d10	17.49	188	543330	24.80	ng/ul	0.00
18) Pyrene-d10	19.76	212	615834	24.06	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	585897	25.58	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.43	178	156394	6.05	ng/ul	99
15) Anthracene	17.52	178	26574	1.01	ng/ul	96
16) Fluoranthene	19.43	202	276741	9.74	ng/ul	98
19) Pyrene	19.79	202	237338	7.38	ng/ul#	94
20) Benzo(a)anthracene	21.62	228	154554	5.17	ng/ul	93
21) Chrysene	21.68	228	161889	5.67	ng/ul	93
23) Benzo(b)fluoranthene	23.82	252	213541	7.14	ng/ul#	94
24) Benzo(k)fluoranthene	23.87	252	81572m	2.82	ng/ul	
26) Benzo(a)pyrene	24.67	252	141989	4.91	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.45	276	86135	2.54	ng/ul#	86
28) Dibenzo(a,h)anthracene	28.48	278	28986m	1.03	ng/ul	
29) Benzo(g,h,i)perylene	29.59	276	90755	3.25	ng/ul#	84

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

SJ
03/18/2017