

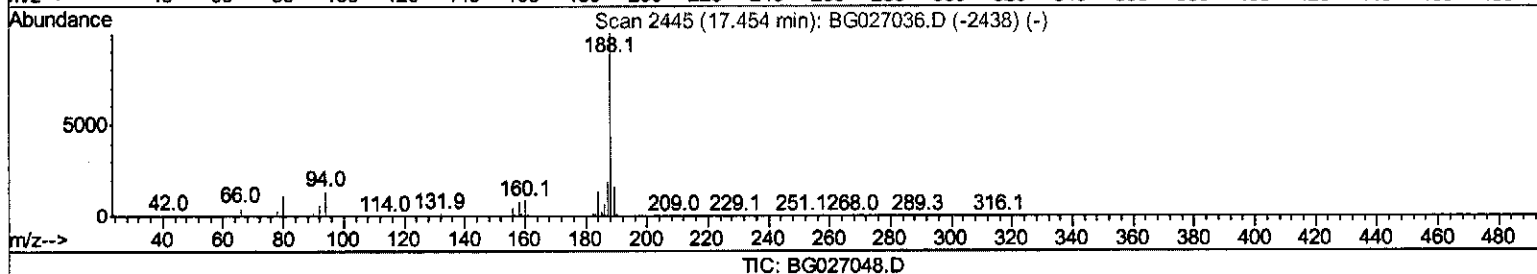
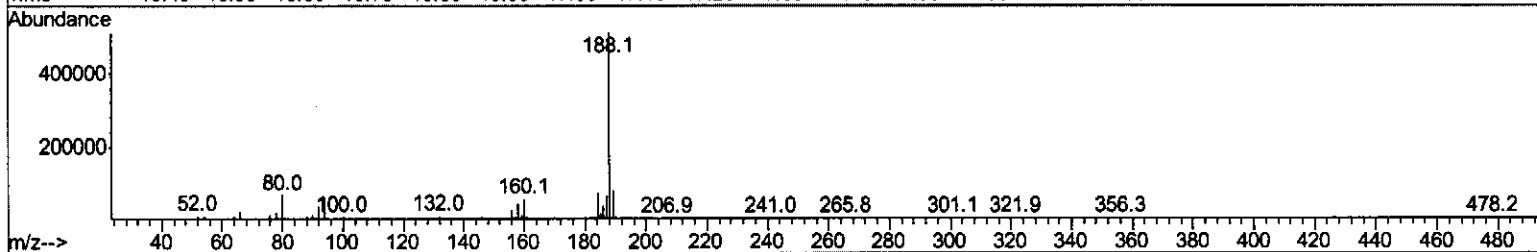
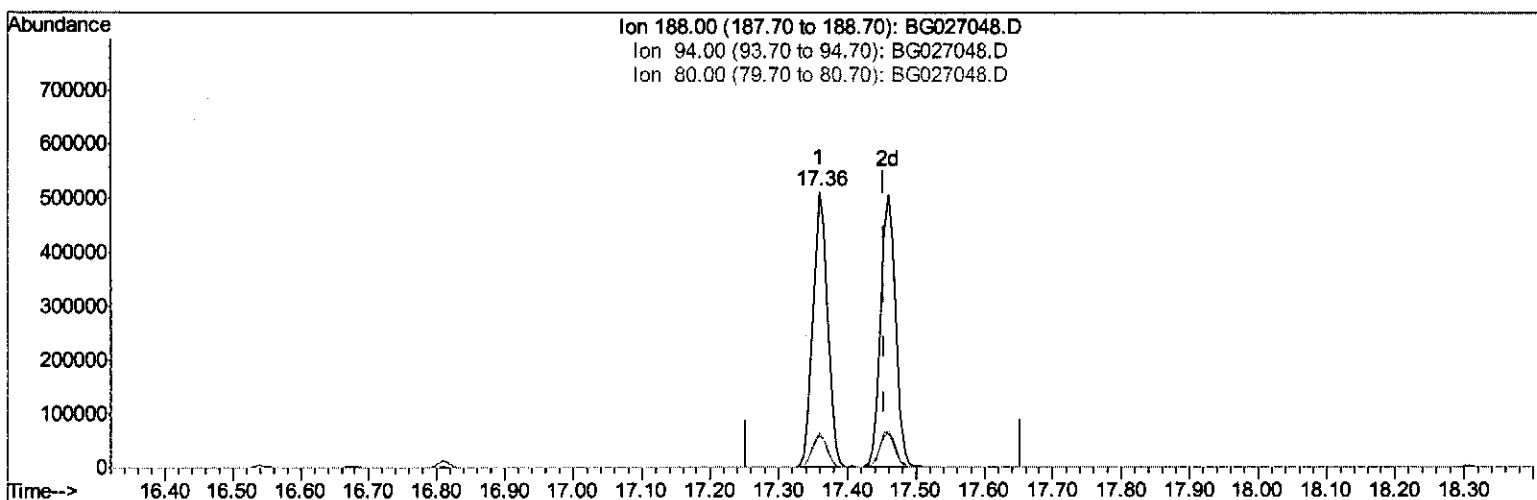
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051817\
Data File : BG027048.D
Acq On : 19 May 2017 20:19
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02052

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:57 AM

Quant Time: May 19 23:45:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 23:42:44 2017
Response via : Initial Calibration



(14) Anthracene-d10 (S)

17.360min (-0.094) 20.51ng/ul

response 757374

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	11.60
80.00	11.80	12.86
0.00	0.00	0.00

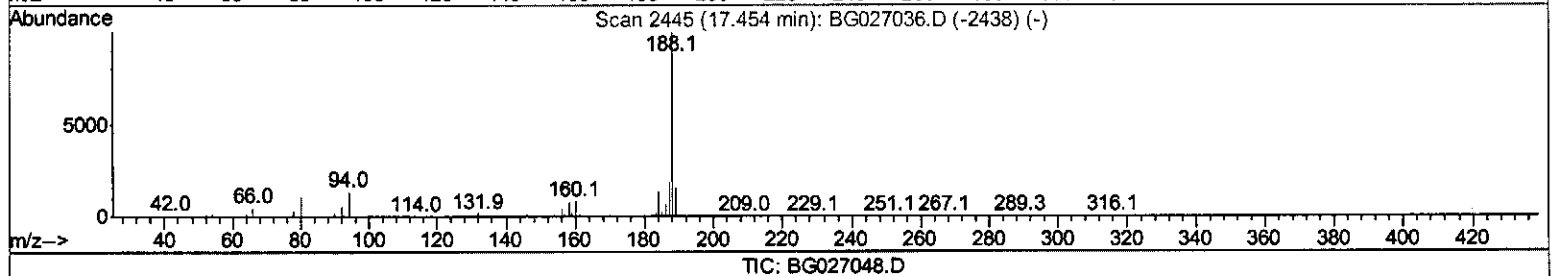
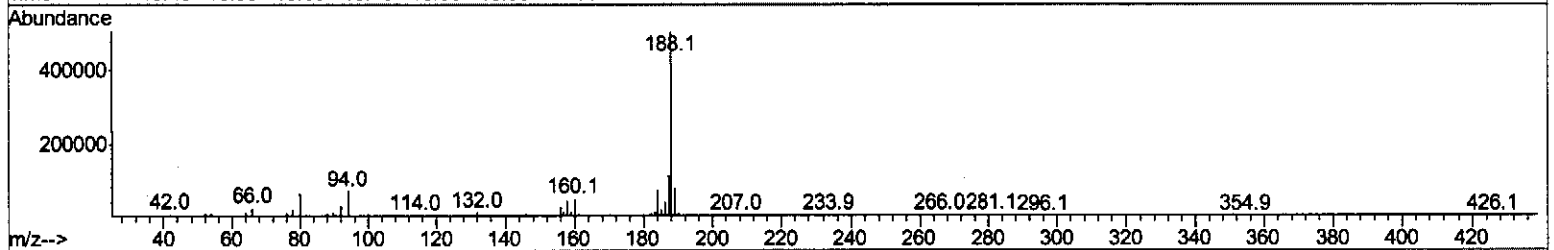
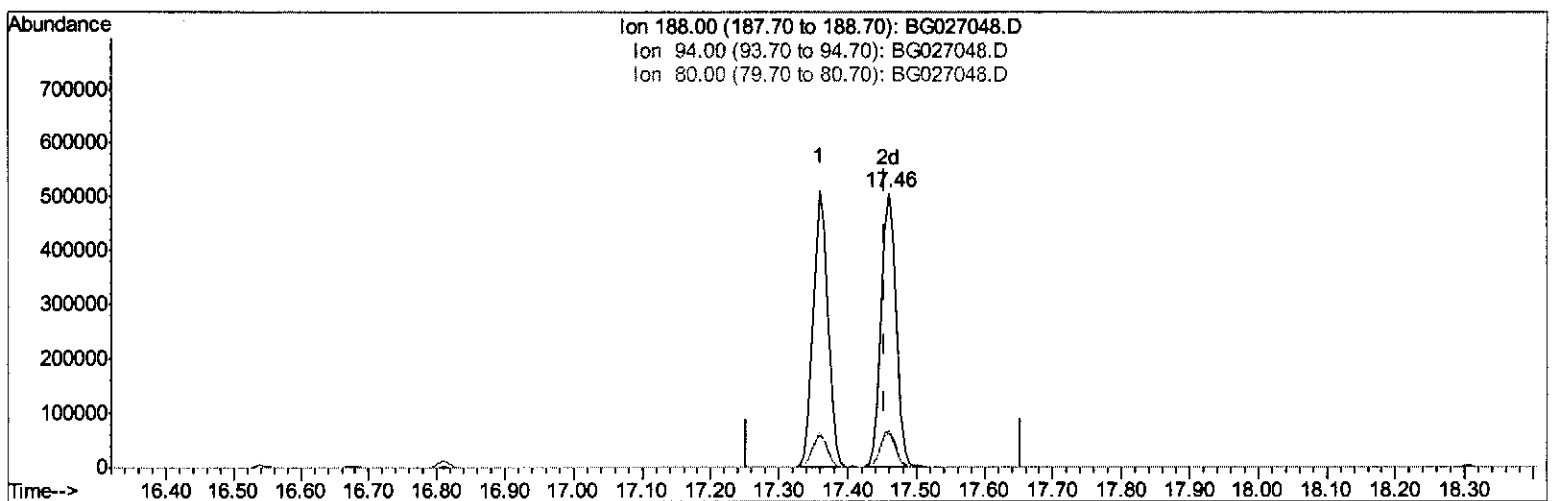
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(14) Anthracene-d10 (S)

17.459min (+0.006) 20.74ng/ui m

response 765939

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	13.44#
80.00	11.80	12.16
0.00	0.00	0.00

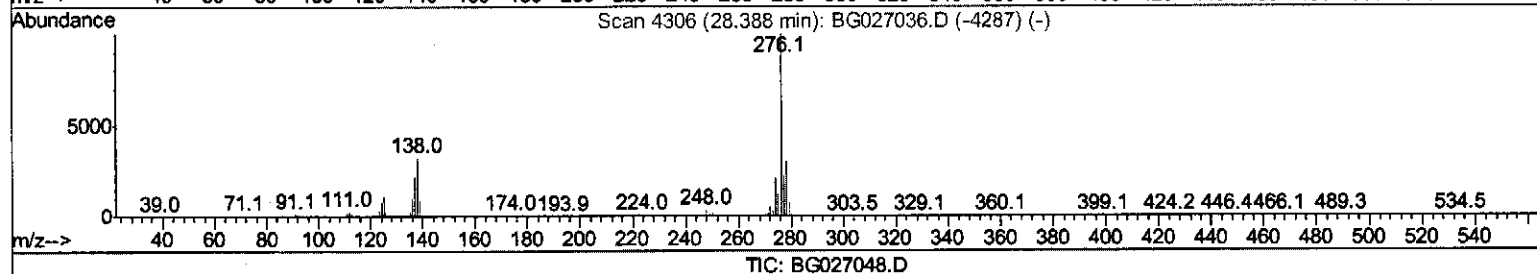
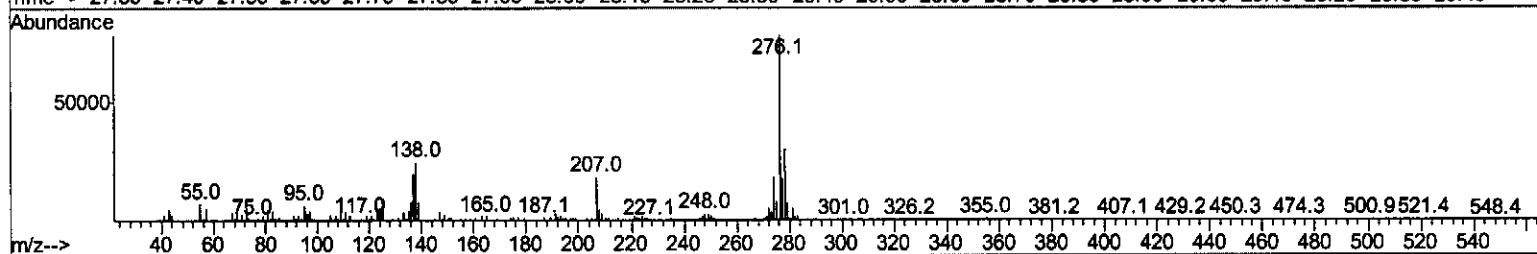
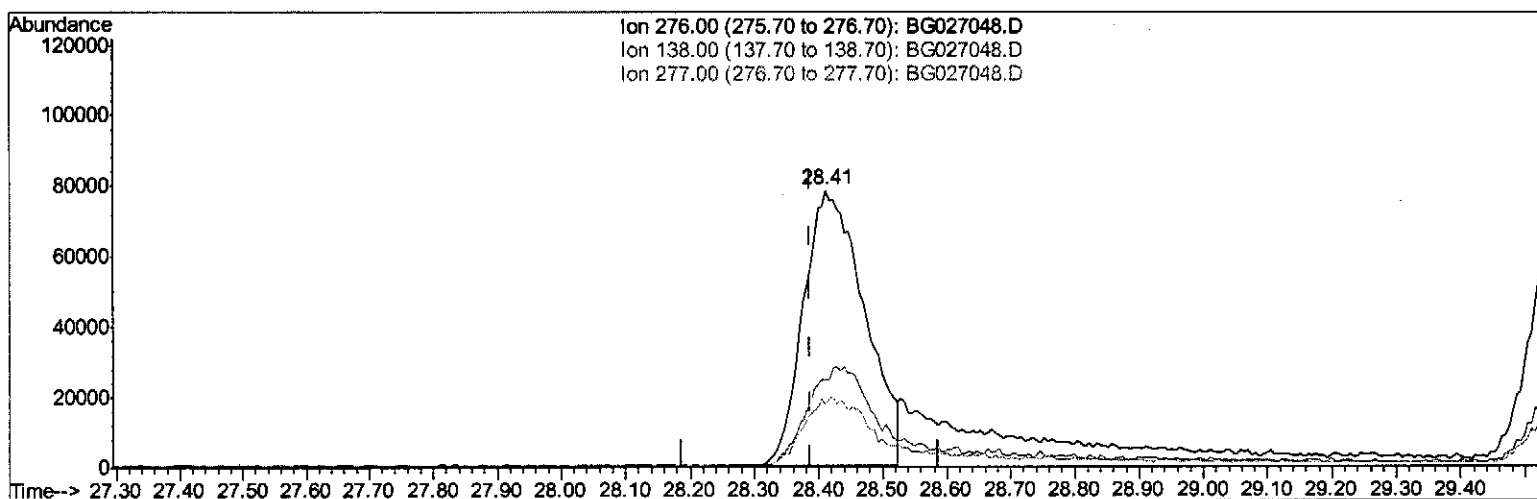
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051817\
Data File : BG027048.D
Acq On : 19 May 2017 20:19
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02052

Manual Integrations
APPROVED

mohammad
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Quant Time: May 19 23:45:22 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 23:42:44 2017
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(27) Indeno(1,2,3-cd)pyrene

28.411min (+0.023) 16.58ng/ul

response 523010

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	31.65#
277.00	22.50	22.71
0.00	0.00	0.00

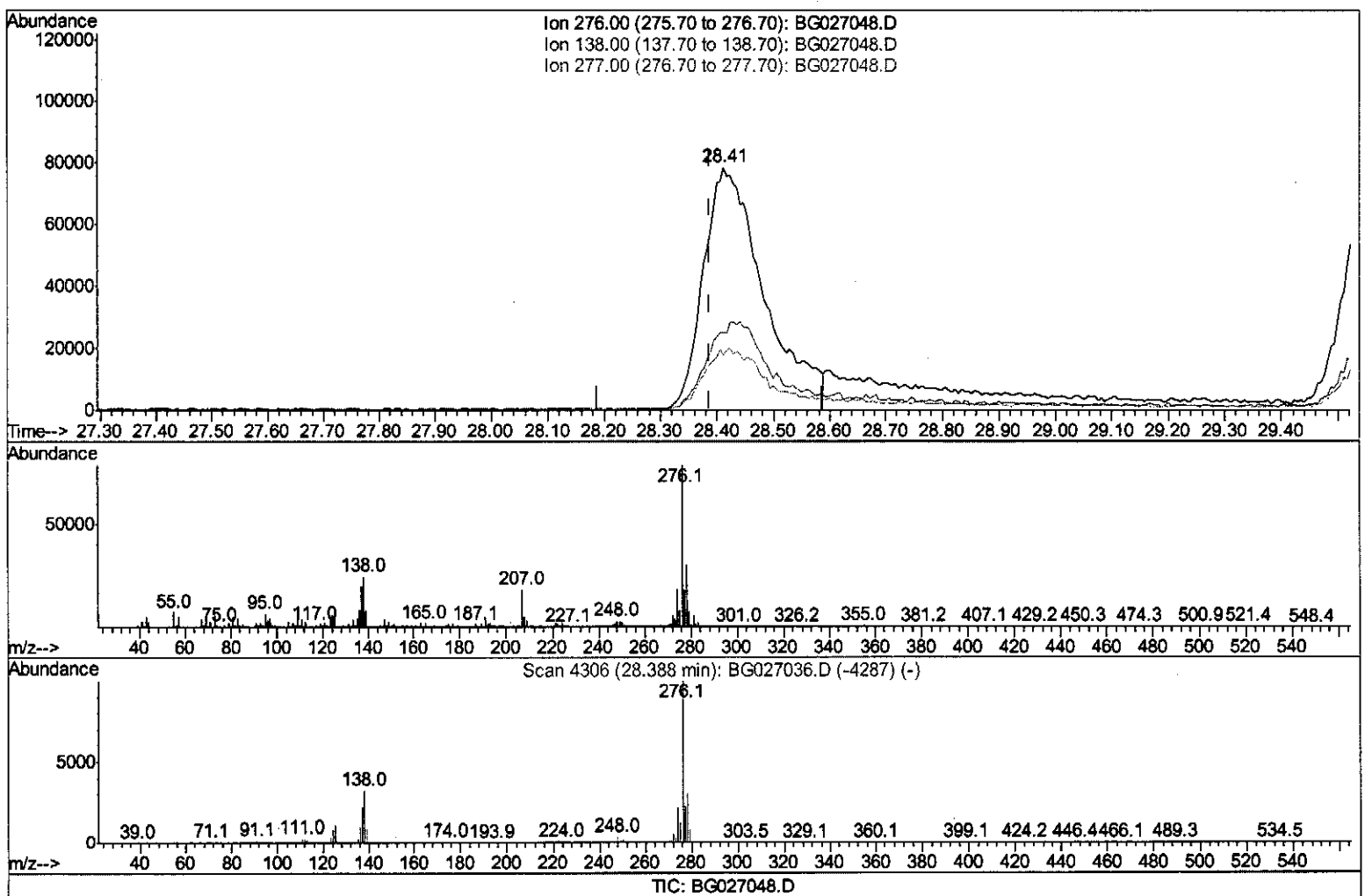
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051817\
Data File : BG027048.D
Acq On : 19 May 2017 20:19
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02052

Manual Integrations
APPROVED

mohammad
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Quant Time: May 19 23:45:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 23:42:44 2017
Response via : Initial Calibration



(27) Indeno(1,2,3-cd)pyrene
28.411min (+0.023) 18.58ng/ul m

response 585825

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	31.65#
277.00	22.50	22.71
0.00	0.00	0.00

MA
5/22/17

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051817\
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Sample : SSTDCCC020EC
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02052

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:57 AM

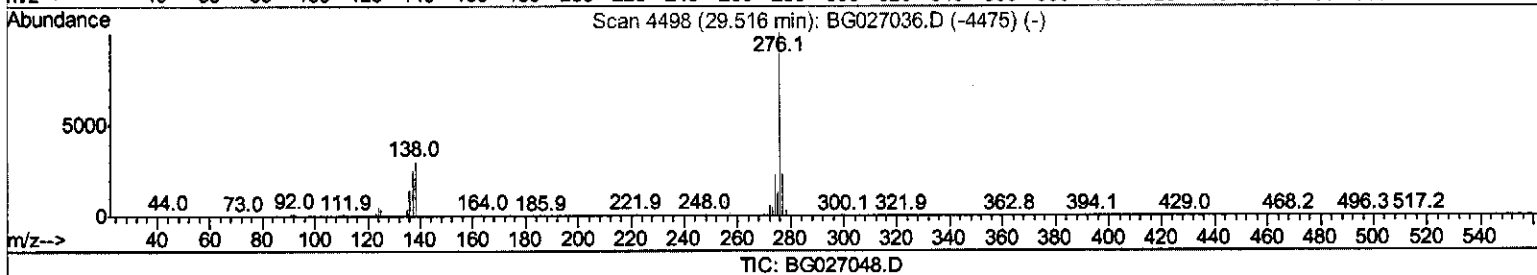
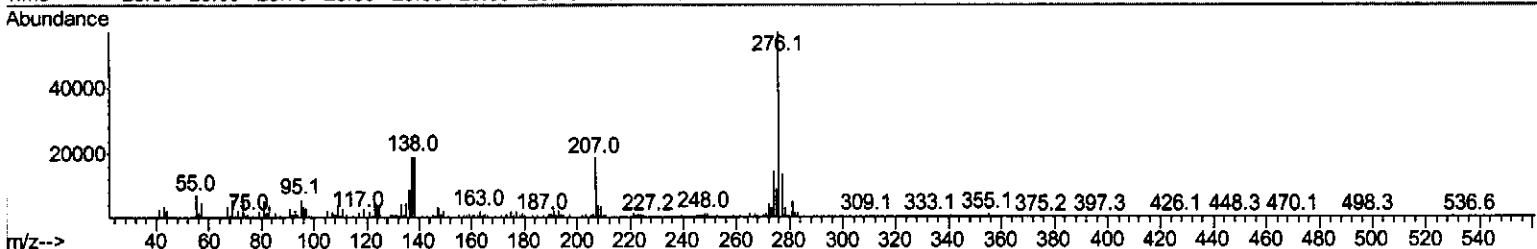
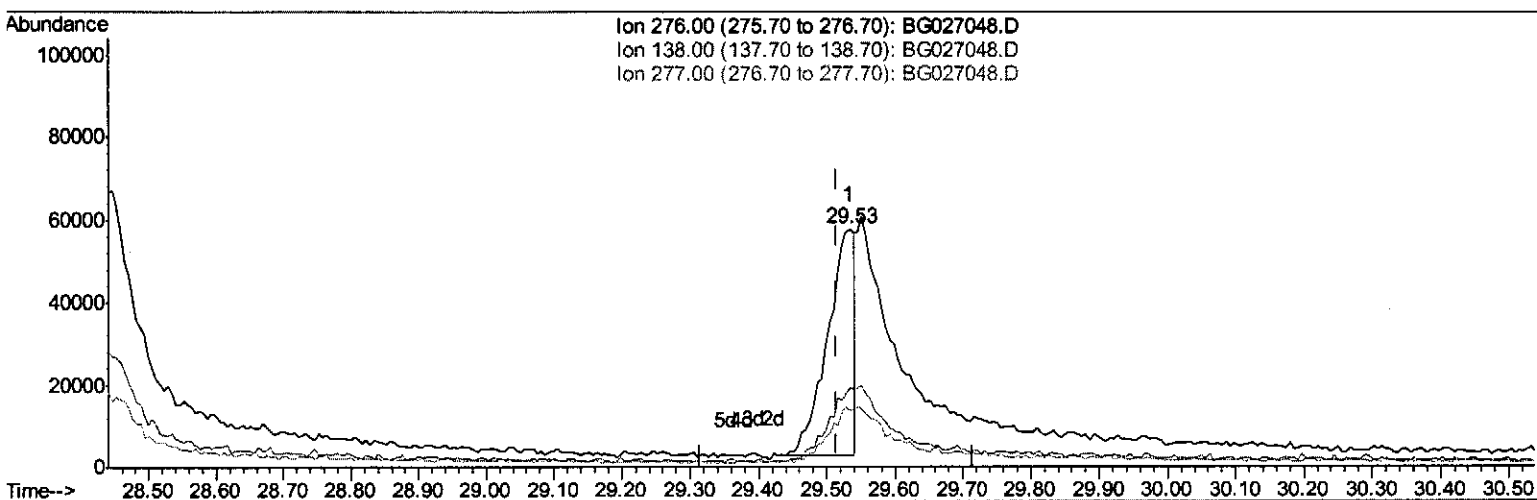
Quant Time: May 19 23:45:22 2017

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 19 23:42:44 2017

Response via : Initial Calibration



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

29.534min (+0.018) 6.03ng/ul

response 151229

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	33.10#
277.00	23.70	23.55
0.00	0.00	0.00

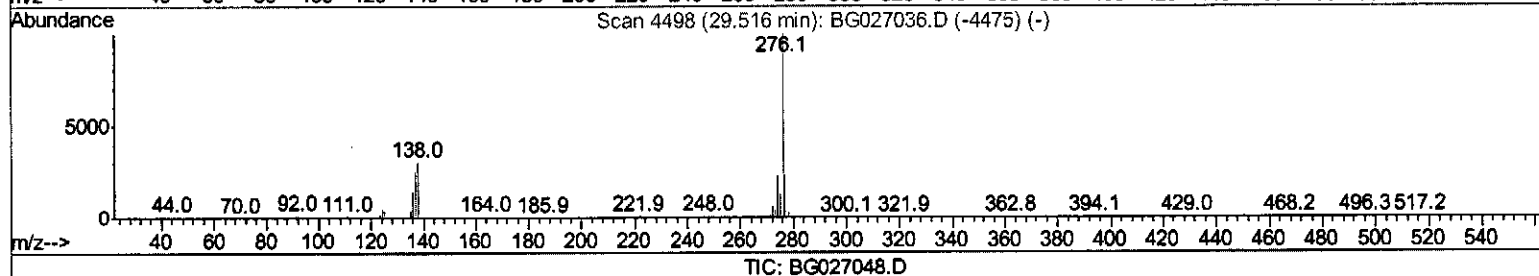
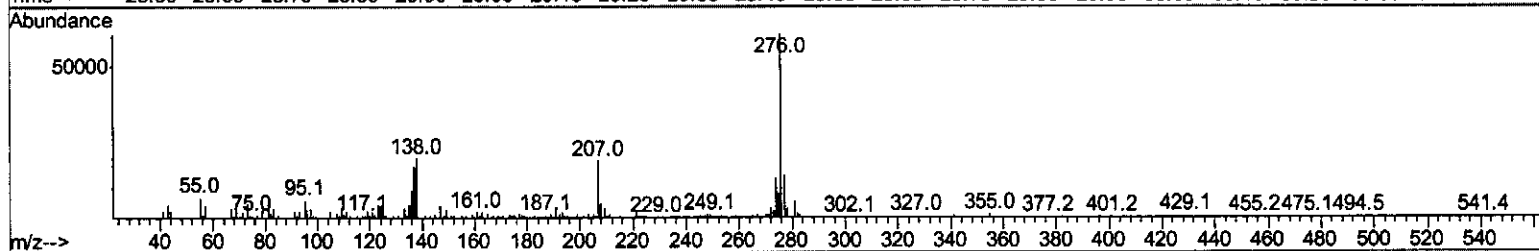
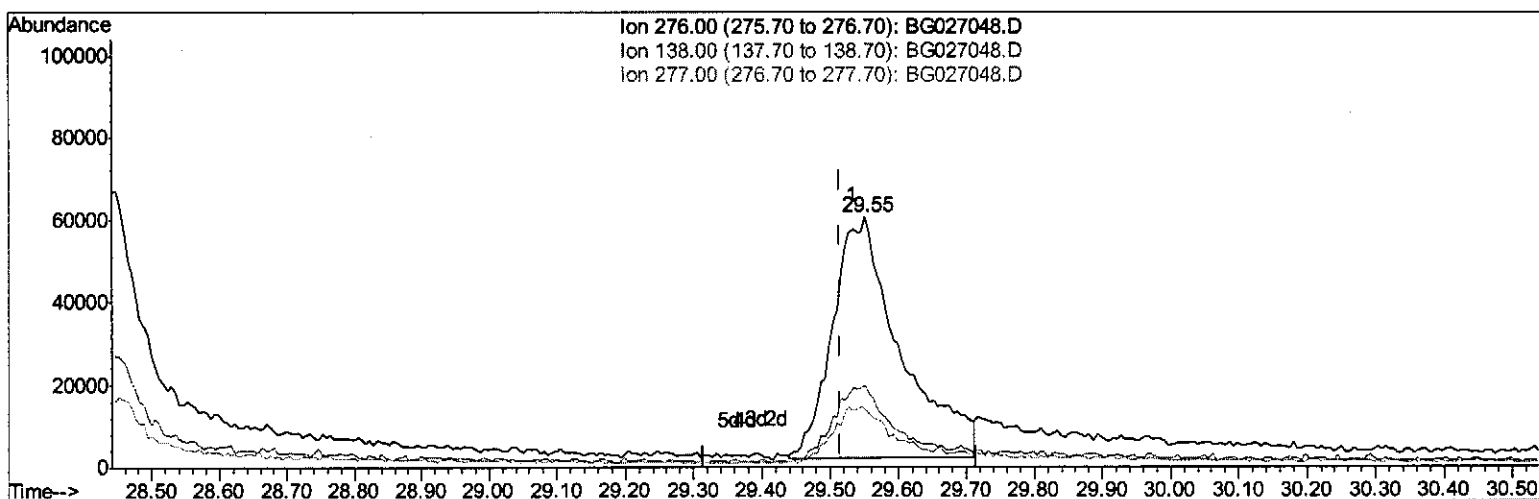
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051817\
Data File : BG027048.D
Acq On : 19 May 2017 20:19
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02052

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:57 AM

Quant Time: May 19 23:45:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 23:42:44 2017
Response via : Initial Calibration



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

29.551min (+0.035) 15.87ng/ul m

response 397965

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	32.89#
277.00	23.70	23.30
0.00	0.00	0.00

15.87ng/ul m

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051817\
 Data File : BG027048.D
 Acq On : 19 May 2017 20:19
 Operator : SJ/MA
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleID :
 SSTD02052

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:05:57 AM

Quant Time: May 19 23:58:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 23:42:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	175535	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	818788	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	417039	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	757374	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	671727	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	589698	20.00	ng/ul	0.01

System Monitoring Compounds

7) Acenaphthylene-d8	14.32	160	886695	20.73	ng/ul	0.00
10) Fluorene-d10	15.61	176	576519	20.20	ng/ul	0.00
14) Anthracene-d10	17.46	188	765939m	20.74	ng/ul	0.00
18) Pyrene-d10	19.74	212	713520	20.34	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	625360	21.34	ng/ul	0.01

Target Compounds

						Ovalue
3) Naphthalene	10.86	128	867663	20.42	ng/ul	99
4) 2-Methylnaphthalene	12.46	142	622078	19.76	ng/ul	100
5) 1-Methylnaphthalene	12.68	142	675634	19.94	ng/ul#	96
8) Acenaphthylene	14.35	152	892280	20.75	ng/ul	99
9) Acenaphthene	14.69	153	616392	20.94	ng/ul	97
11) Fluorene	15.67	166	640162	20.41	ng/ul	95
13) Phenanthrene	17.40	178	885192	20.91	ng/ul	99
15) Anthracene	17.49	178	916069	21.06	ng/ul	98
16) Fluoranthene	19.41	202	902126	20.84	ng/ul#	92
19) Pyrene	19.77	202	917943	20.91	ng/ul#	85
20) Benzo(a)anthracene	21.59	228	818171	20.21	ng/ul	98
21) Chrysene	21.65	228	744974	20.05	ng/ul	98
23) Benzo(b)fluoranthene	23.78	252	754151	21.52	ng/ul#	94
24) Benzo(k)fluoranthene	23.84	252	776344	21.53	ng/ul#	94
26) Benzo(a)pyrene	24.64	252	735808	21.46	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.41	276	585825m	18.58	ng/ul	
28) Dibenzo(a,h)anthracene	28.46	278	481727	17.70	ng/ul#	93
29) Benzo(a,h,i)perylene	29.55	276	397965m	15.87	ng/ul	

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

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Instrument :
BNA_G
LabSampled :
SSTD02052

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:57 AM

Quant Time: May 19 23:58:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 23:42:44 2017
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