

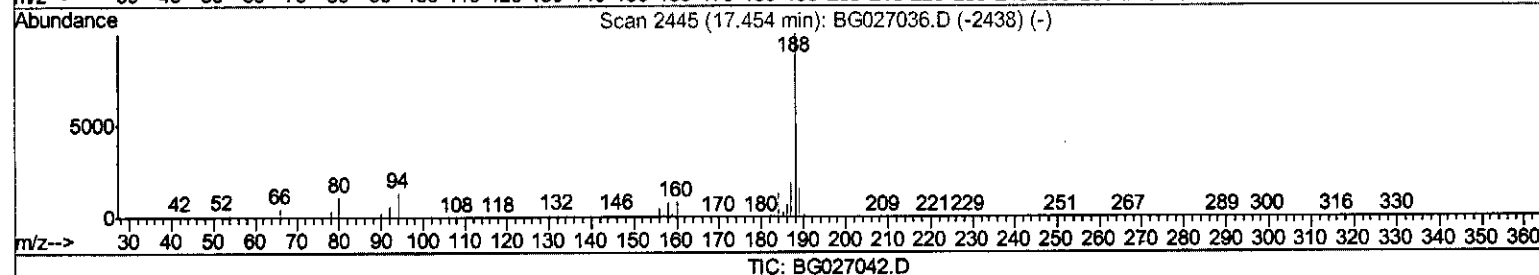
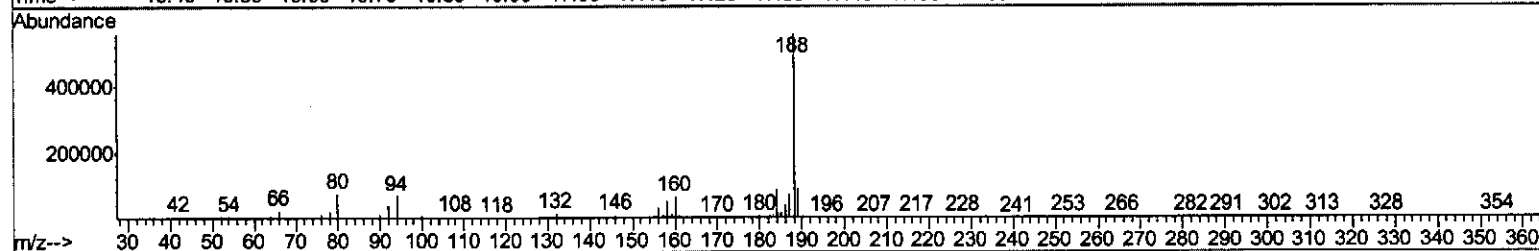
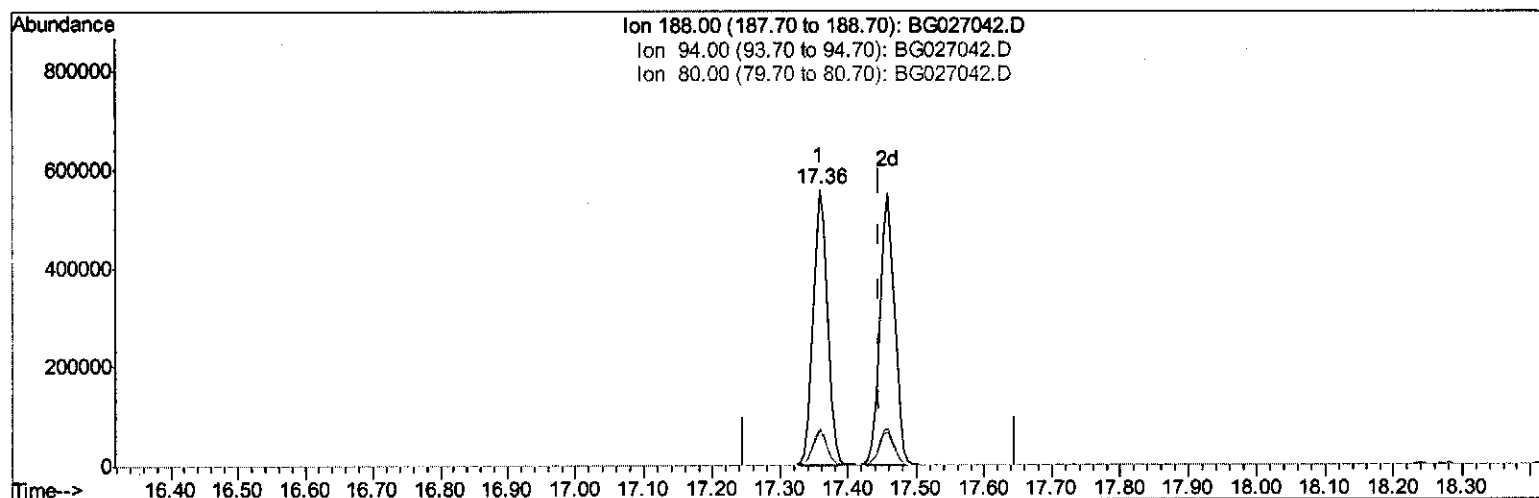
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027042.D
Acq On : 19 May 2017 16:21
Operator : SJ/MA
Sample : I3137-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC34

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:39 AM

Quant Time: May 19 17:38:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 17:37:52 2017
Response via : Initial Calibration



(14) Anthracene-d10 (S)

17.358min (-0.088) 20.51ng/ul

response 824294

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	12.22
80.00	11.80	13.19
0.00	0.00	0.00

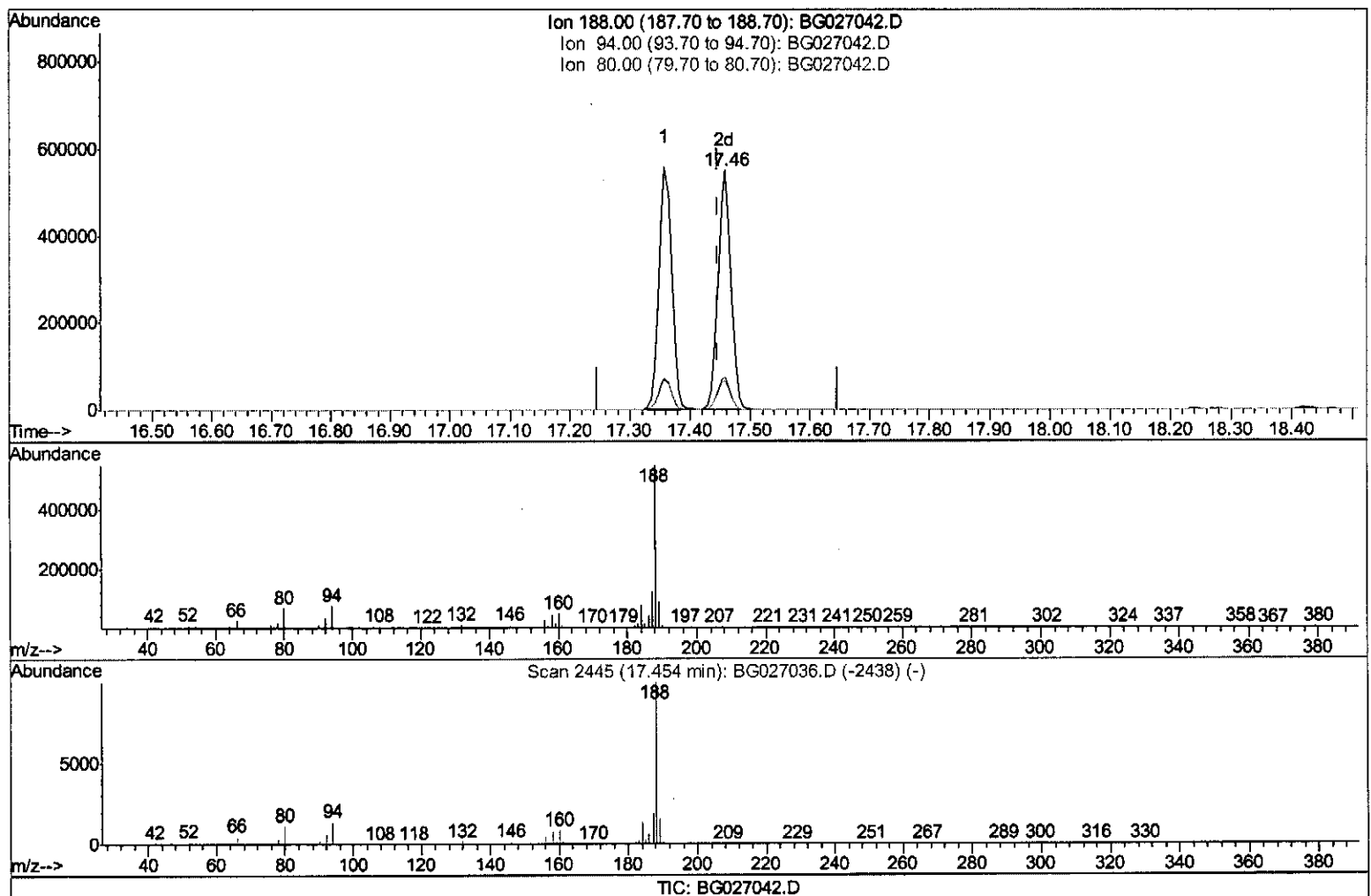
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(14) Anthracene-d10 (S)

17.458min (+0.012) 20.55ng/ul m

response 825726

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	13.48#
80.00	11.80	12.07
0.00	0.00	0.00

msd 5/22/17

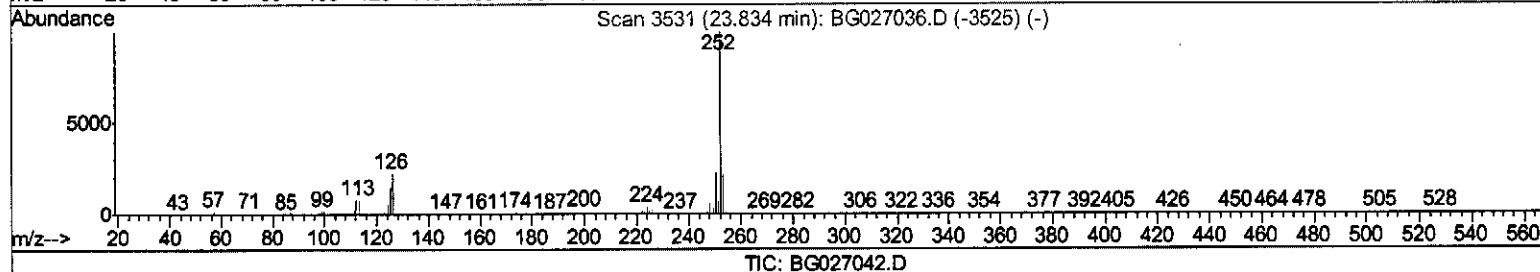
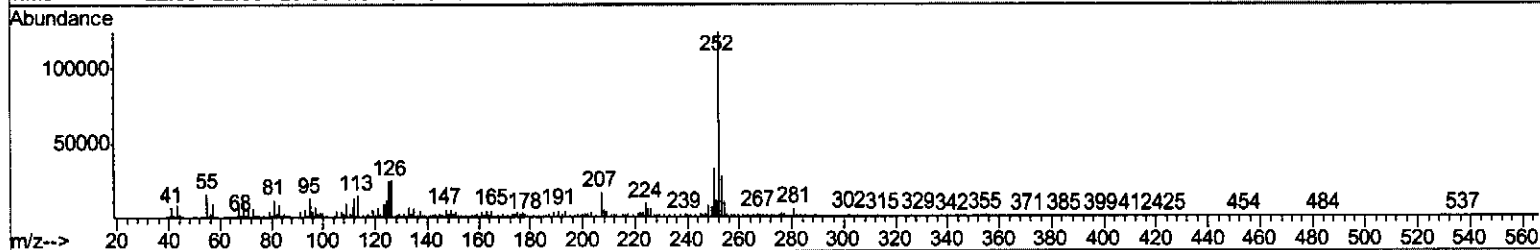
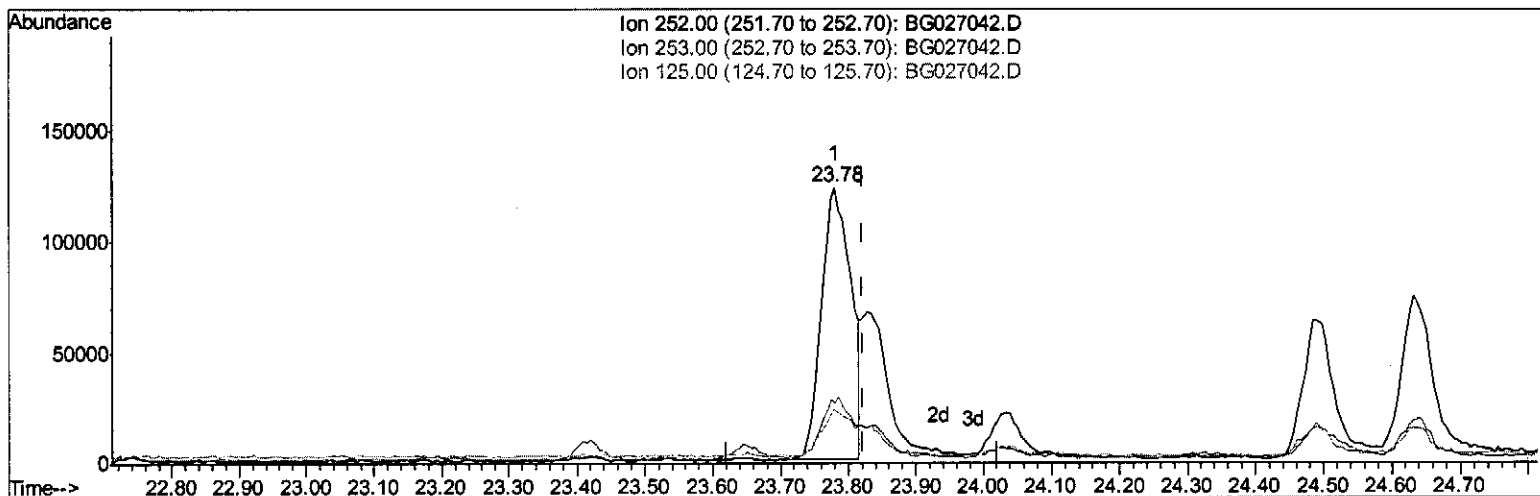
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Operator : SJ/MA
Sample : I3137-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.780min (-0.041) 9.34ng/ul

response 377928

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.04
125.00	10.10	19.55#
0.00	0.00	0.00

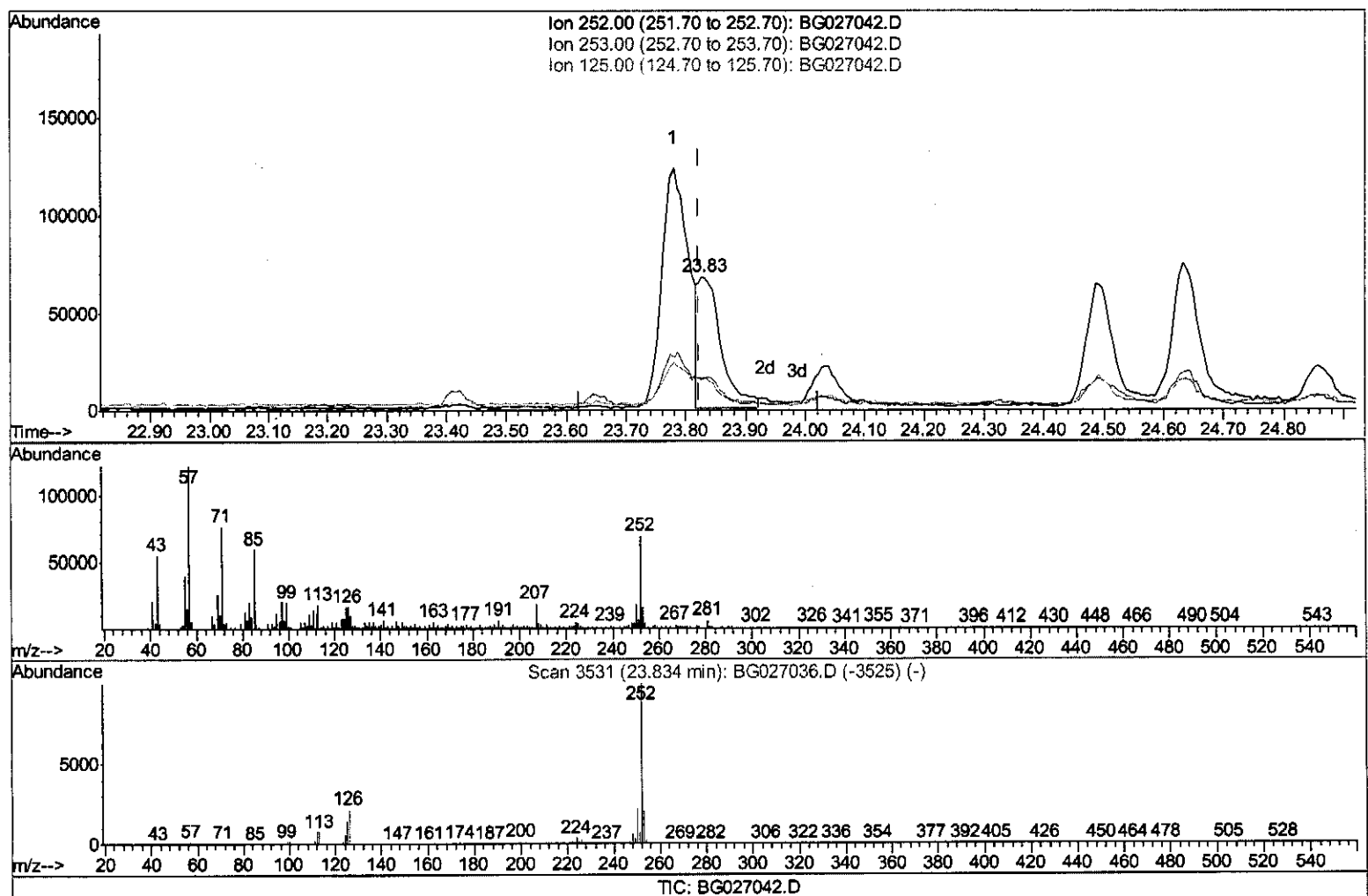
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Operator : SJ/MA
Sample : I3137-05
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ALS Vial : 40 Sample Multiplier: 1

Instrument :
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(24) Benzo(k)fluoranthene

23.827min (+0.006) 4.50ng/ul m

response 182201

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.95
125.00	10.10	23.31#
0.00	0.00	0.00

MS/2017

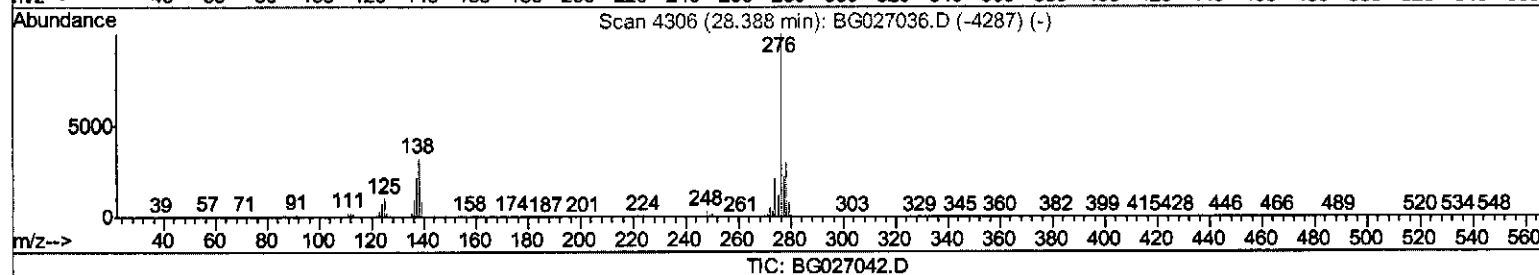
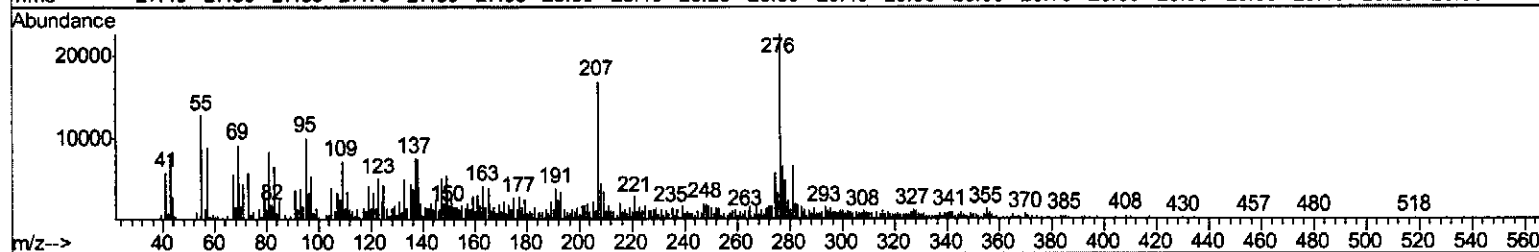
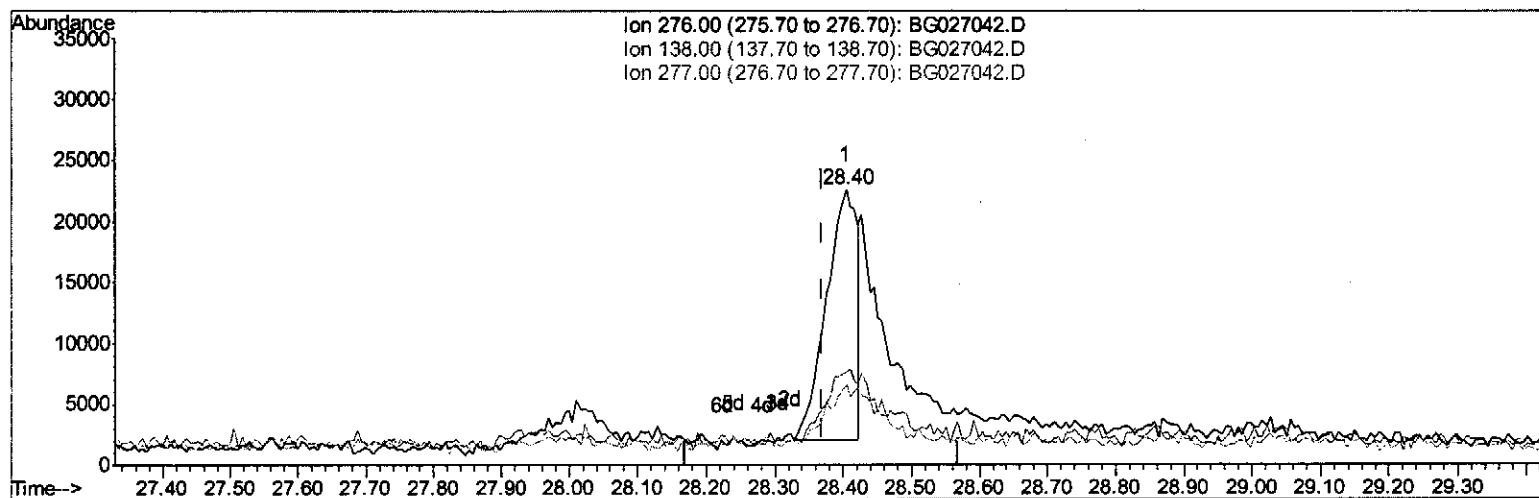
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Instrument :
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(27) Indeno(1,2,3-cd)pyrene

28.404min (+0.035) 1.82ng/ul

response 64295

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	33.46#
277.00	22.50	29.10#
0.00	0.00	0.00

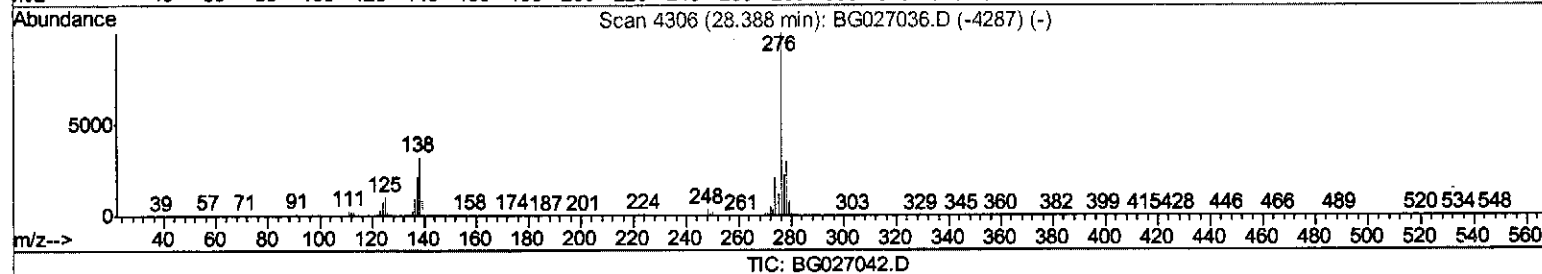
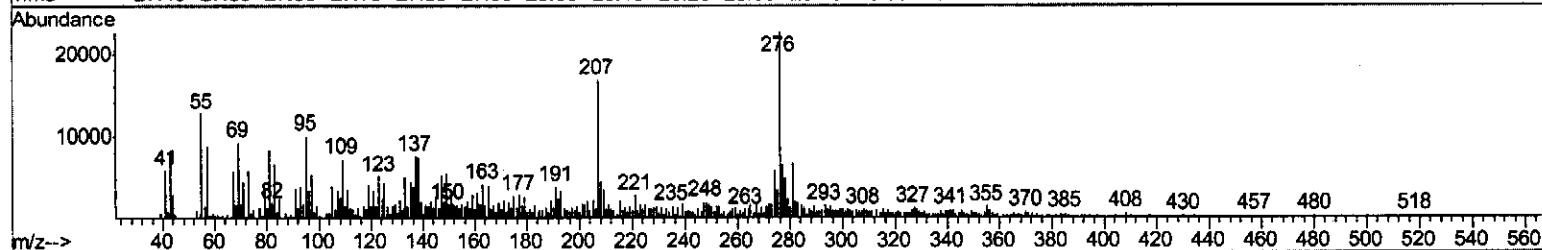
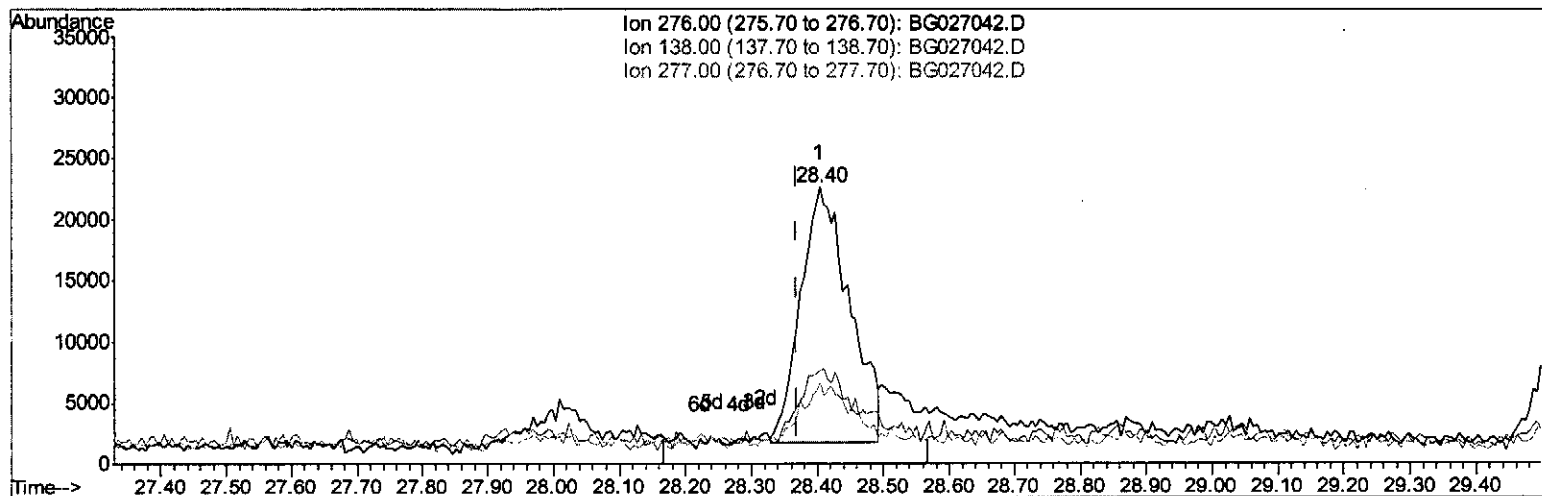
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Sample : I3137-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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(27) Indeno(1,2,3-cd)pyrene

28.404min (+0.035) 3.03ng/ul m

response 107312

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	33.46#
277.00	22.50	29.10#
0.00	0.00	0.00

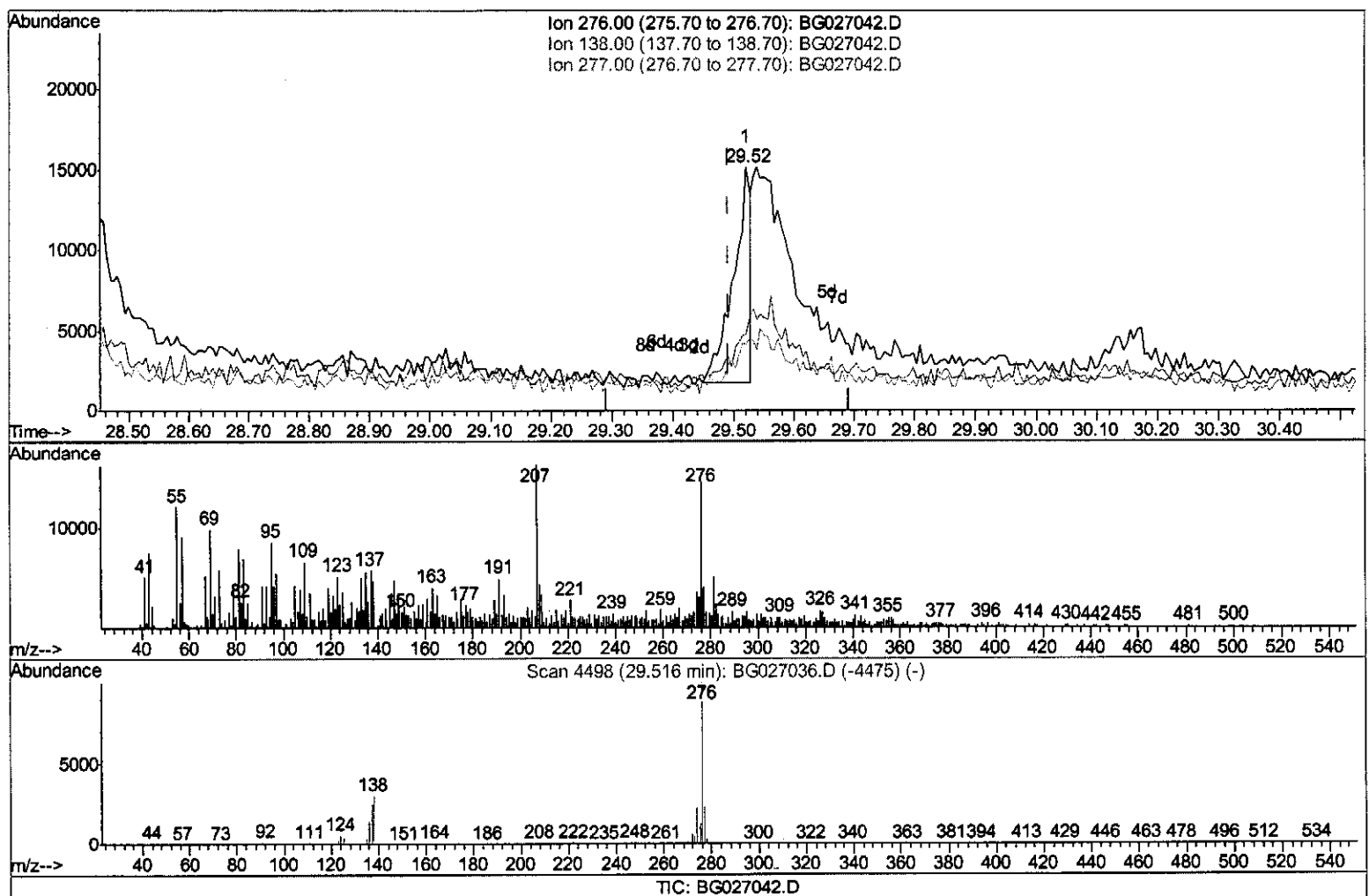
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
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Acq On : 19 May 2017 16:21
Operator : SJ/MA
Sample : I3137-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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Response via : Initial Calibration



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

29.521min (+0.029) 0.91ng/ul

response 25595

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	31.34#
277.00	23.70	27.16
0.00	0.00	0.00

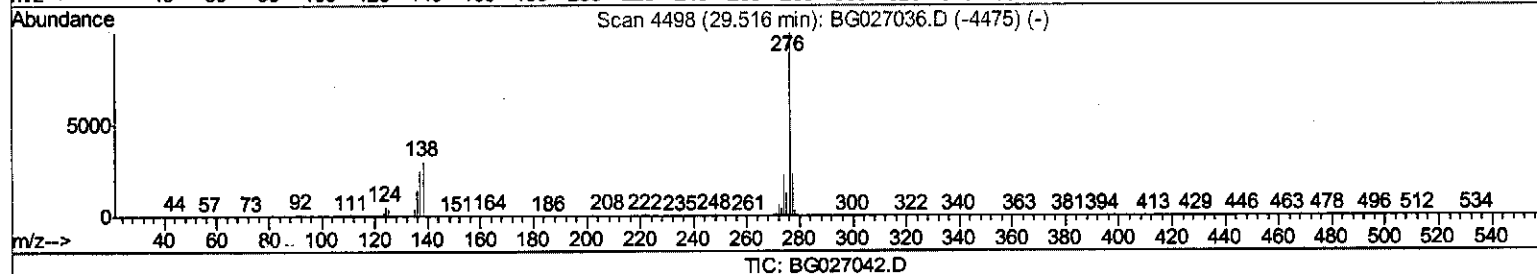
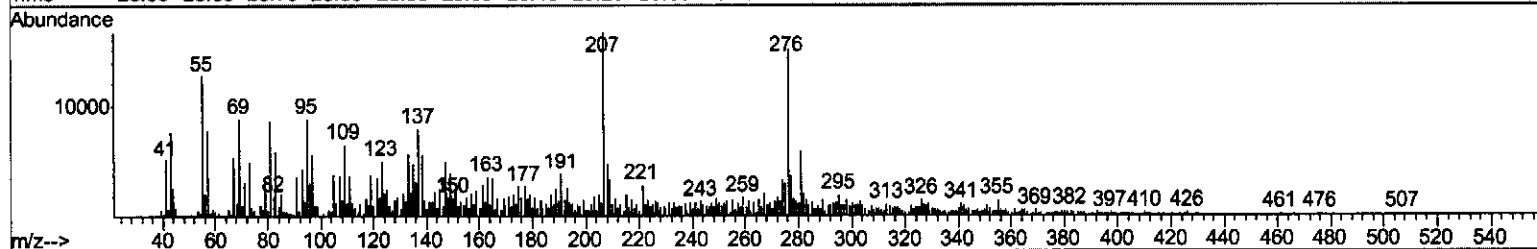
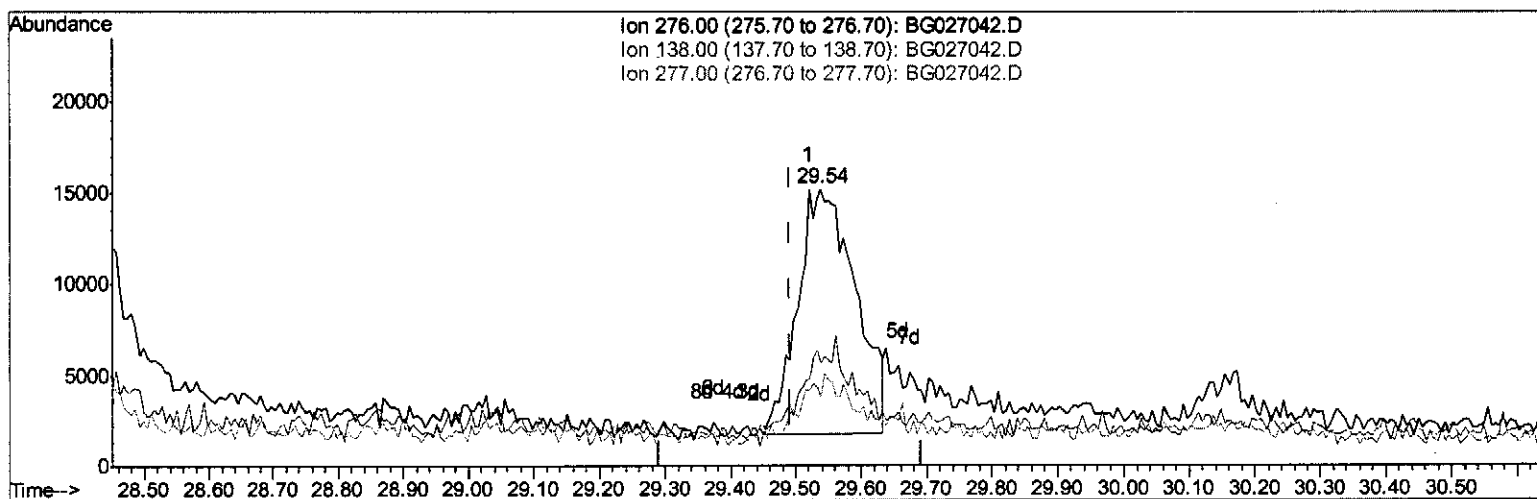
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Misc :
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Instrument :
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ClientSampleID :
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QLast Update : Fri May 19 17:37:52 2017
Response via : Initial Calibration



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

29.538min (+0.047) 2.92ng/ul m

response 82278

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	37.39#
277.00	23.70	25.20
0.00	0.00	0.00

MD 6/22/17

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 Acq On : 19 May 2017 16:21
 Operator : SJ/MA
 Sample : I3137-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
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Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:05:39 AM

Quant Time: May 19 17:42:09 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 17:37:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	203749	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	922954	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	464205	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	824294	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	748652	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	661691	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	14.31	160	952018	19.99	ng/ul	0.00
10) Fluorene-d10	15.61	176	597276	18.80	ng/ul	0.01
14) Anthracene-d10	17.46	188	825726m	20.55	ng/ul	0.01
18) Pyrene-d10	19.74	212	764105	19.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	654780	19.92	ng/ul	0.02

Target Compounds

						Qvalue
3) Naphthalene	10.86	128	55751	1.16	ng/ul	99
13) Phenanthrene	17.40	178	215568	4.68	ng/ul	97
16) Fluoranthene	19.40	202	453947	9.64	ng/ul#	92
19) Pyrene	19.77	202	387282	7.91	ng/ul#	89
20) Benzo(a)anthracene	21.59	228	235864	5.23	ng/ul	95
21) Chrysene	21.65	228	281521	6.80	ng/ul	94
23) Benzo(b)fluoranthene	23.78	252	377928	9.61	ng/ul#	91
24) Benzo(k)fluoranthene	23.83	252	182201m	4.50	ng/ul	
26) Benzo(a)pyrene	24.63	252	199767	5.19	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	28.40	276	107312m	3.03	ng/ul	
29) Benzo(g,h,i)perylene	29.54	276	82278m	2.92	ng/ul	

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

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