

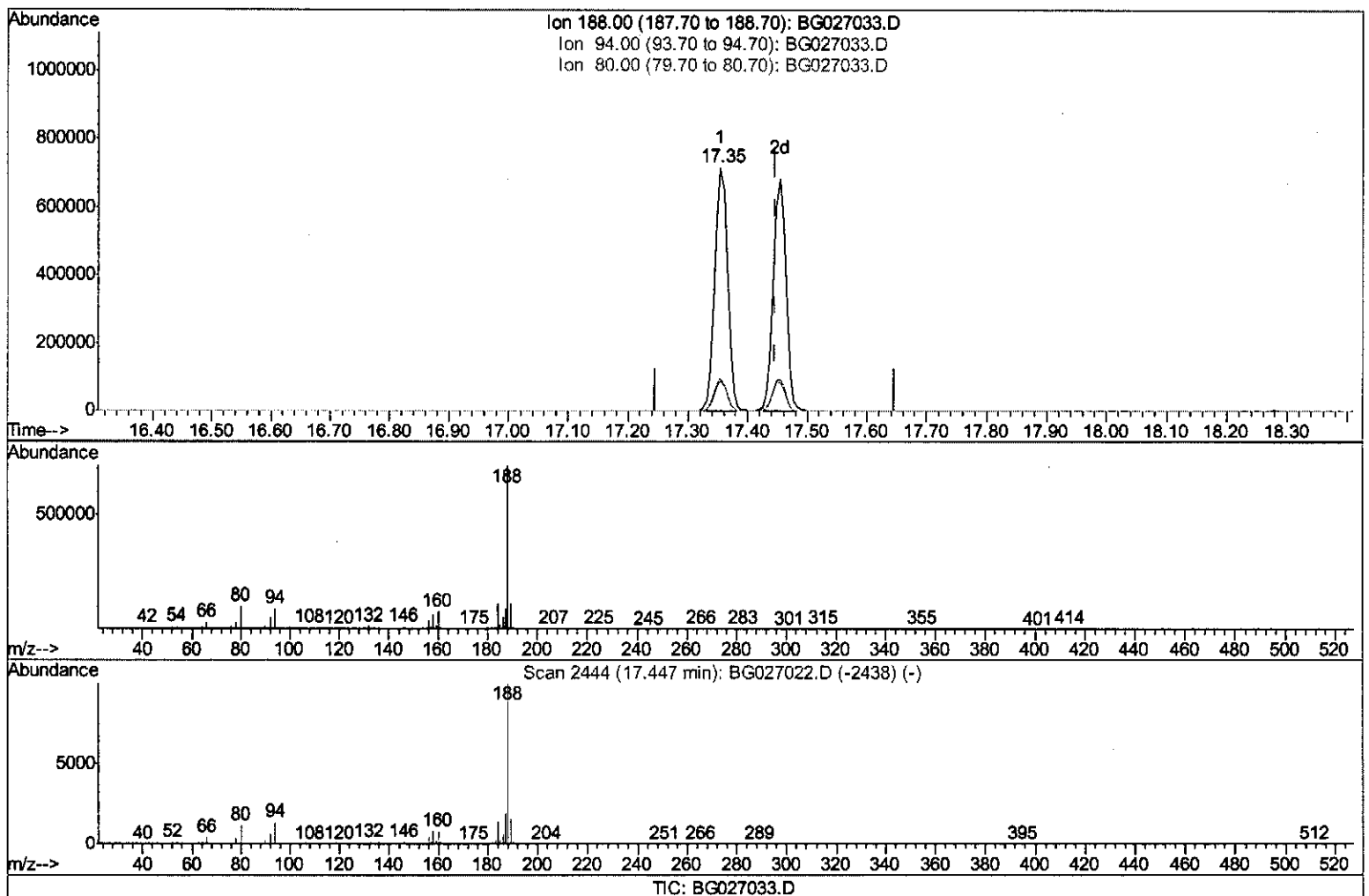
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027033.D
Acq On : 19 May 2017 10:25
Operator : SJ/MA
Sample : I3136-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
DAC30

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:10 AM

Quant Time: May 19 12:48:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



(14) Anthracene-d10 (S)

17.354min (-0.093) 20.51ng/ui

response 1070498

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	12.37
80.00	11.80	13.88
0.00	0.00	0.00

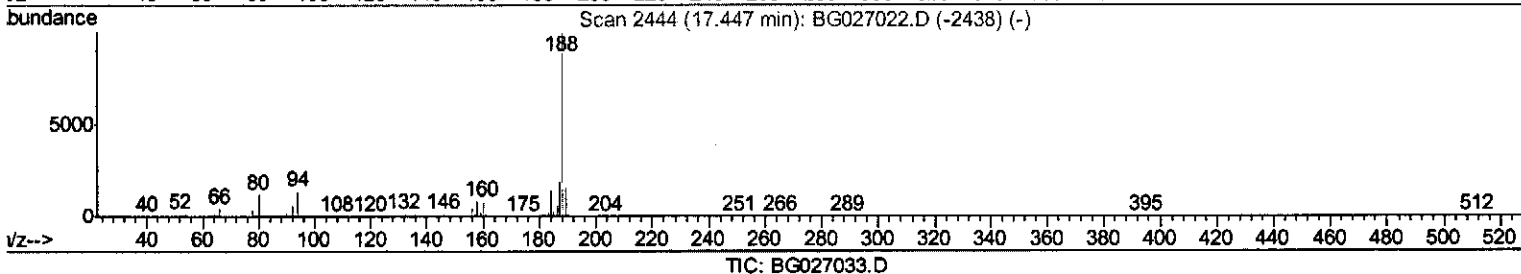
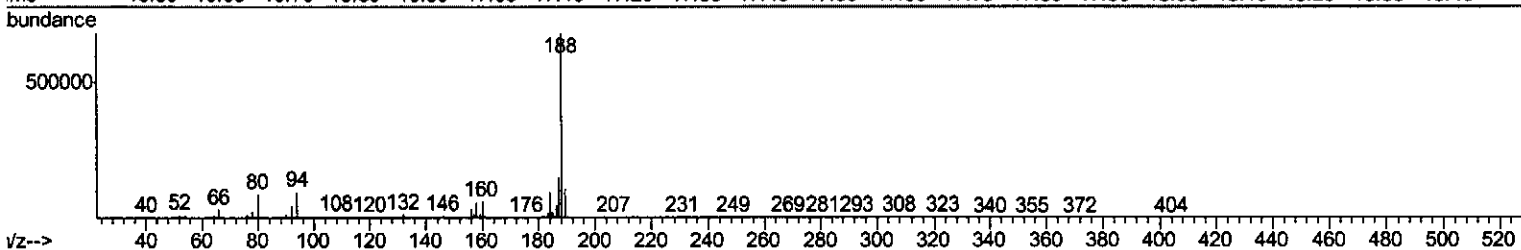
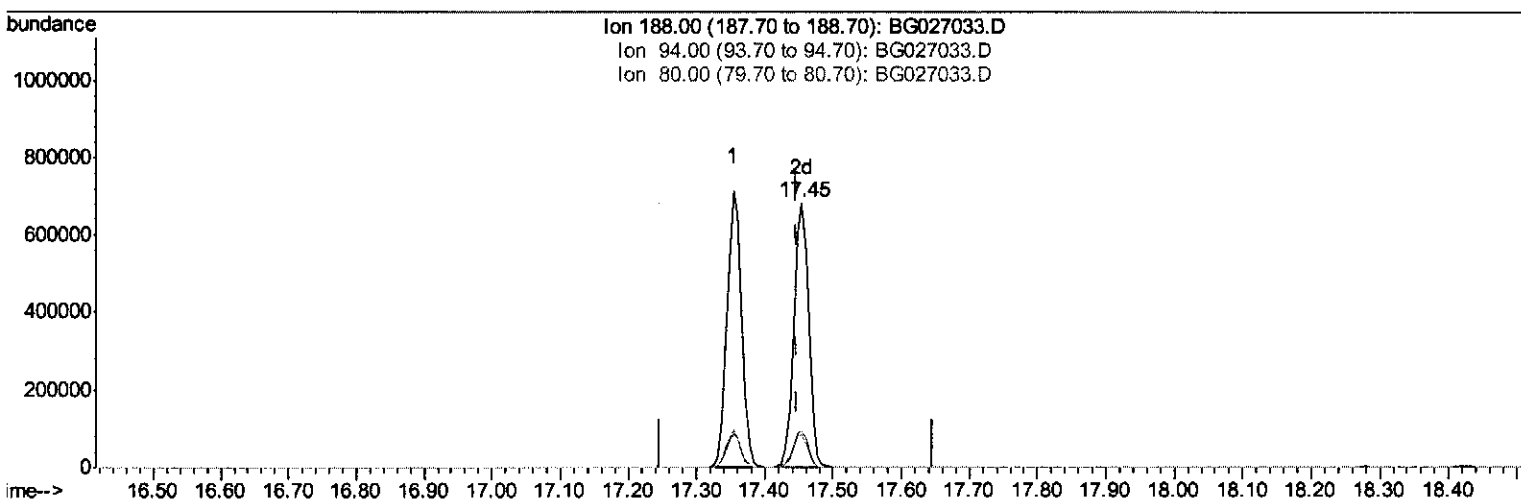
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TIC: BG027033.D

(14) Anthracene-d10 (S)

17.454min (+0.007) 19.45ng/ul m

response 1014924

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	13.88#
80.00	11.80	12.48
0.00	0.00	0.00

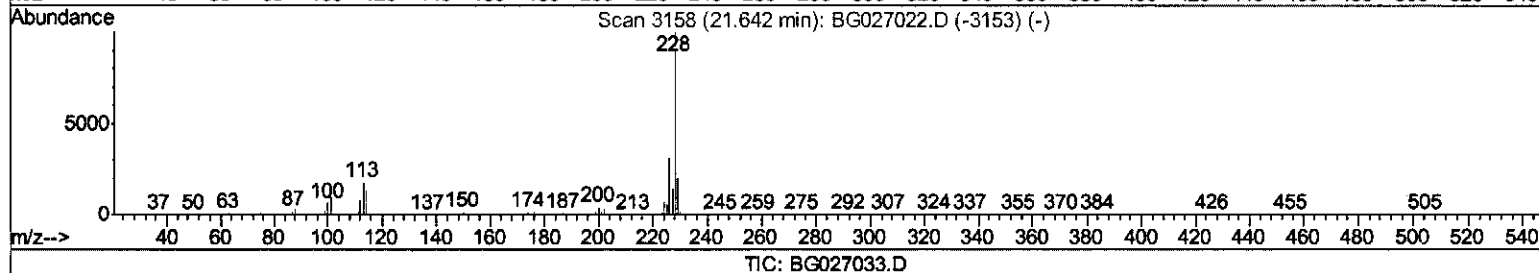
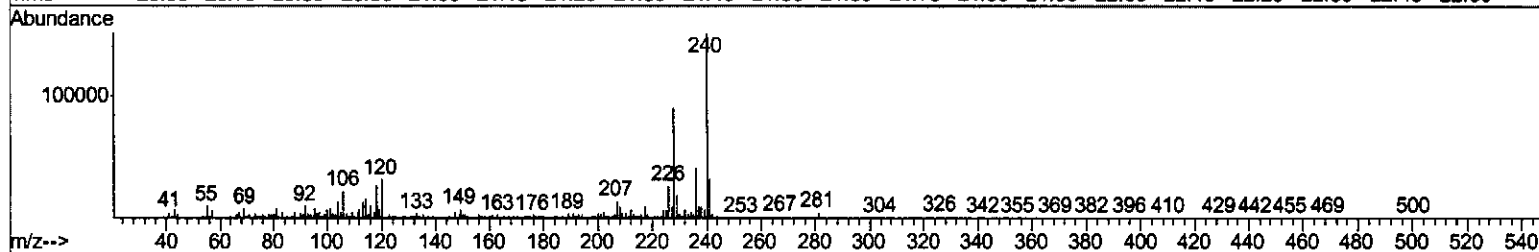
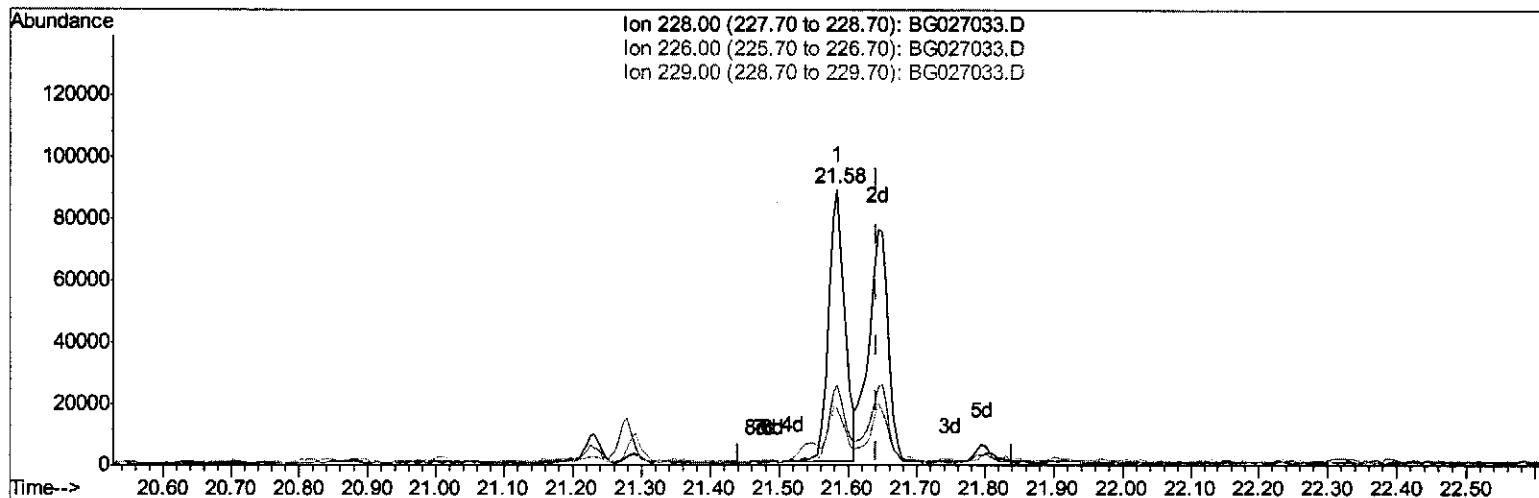
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(21) Chrysene

21.584min (-0.057) 2.75ng/ul

response 146918

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.24
229.00	19.80	20.56
0.00	0.00	0.00

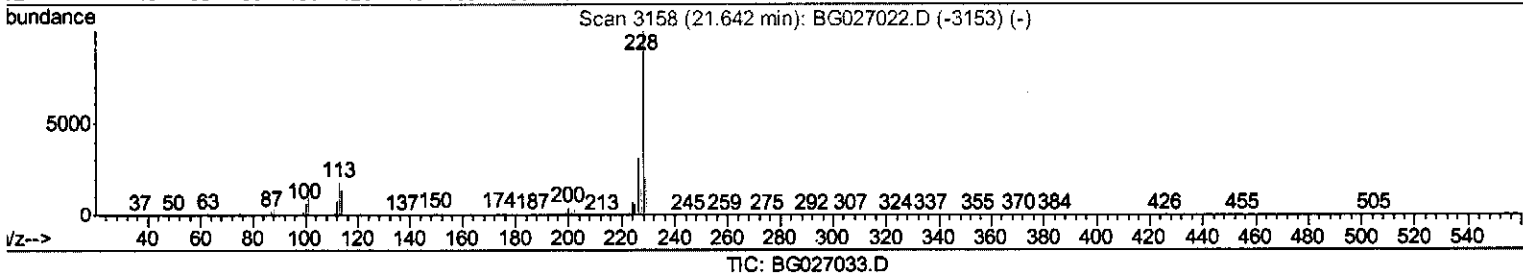
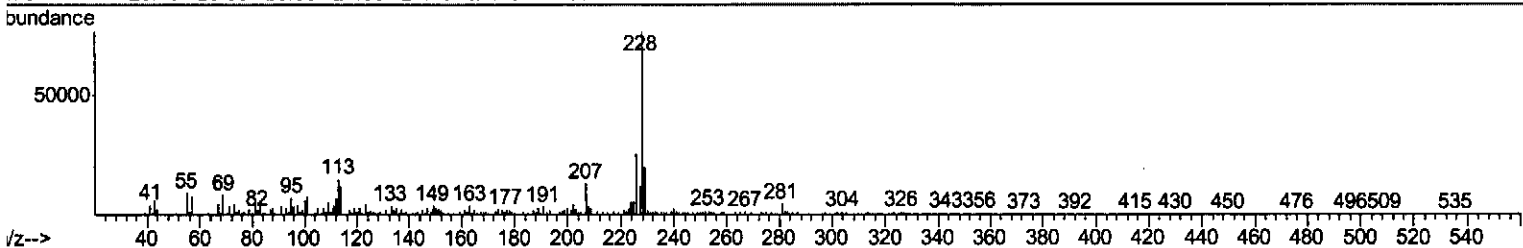
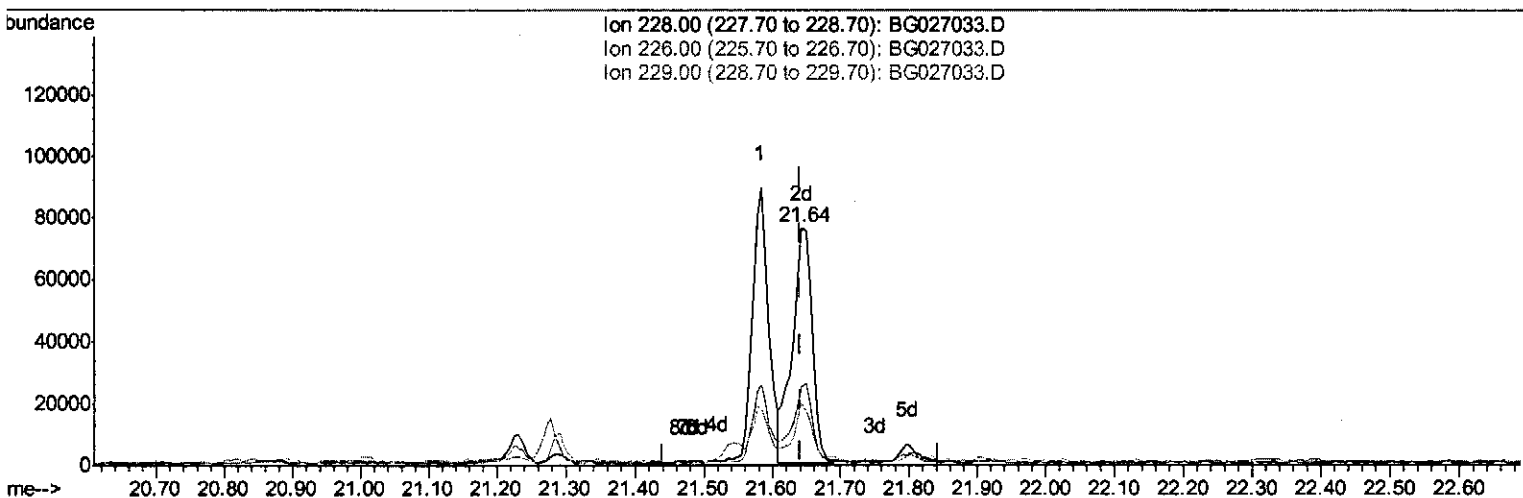
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(21) Chrysene

21.643min (+0.002) 2.86ng/ul m

response 152641

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	33.69
229.00	19.80	26.38#
0.00	0.00	0.00

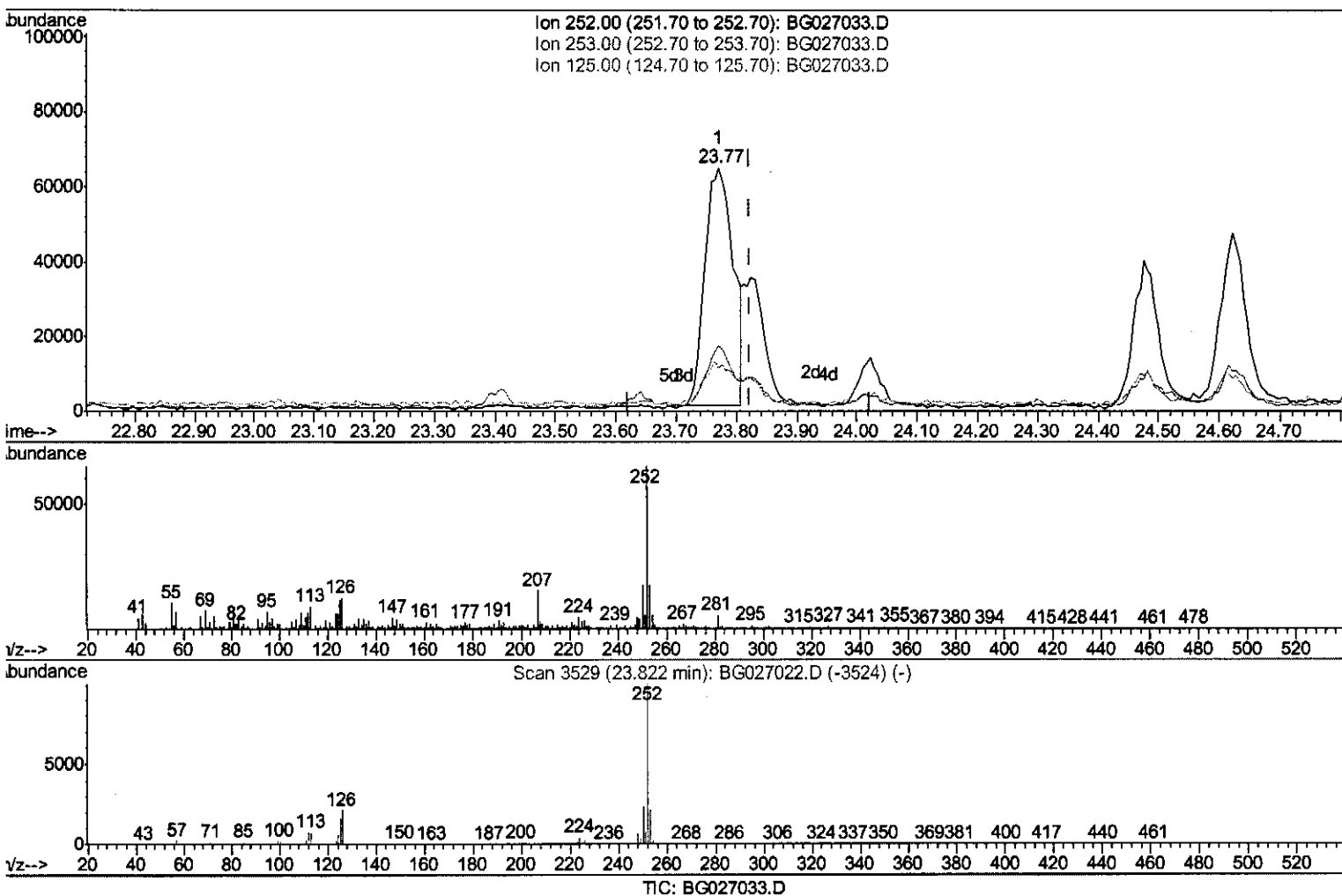
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(24) Benzo(k)fluoranthene

23.770min (-0.051) 3.54ng/ul

response 204503

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.36#
125.00	10.10	18.09#
0.00	0.00	0.00

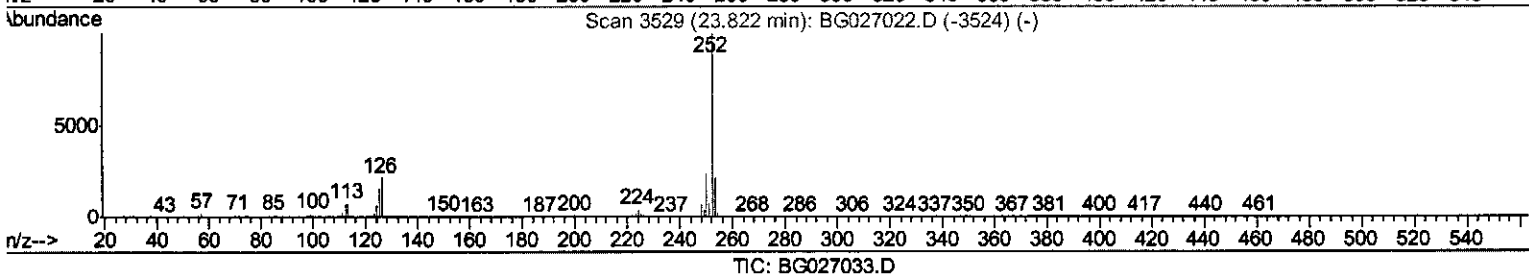
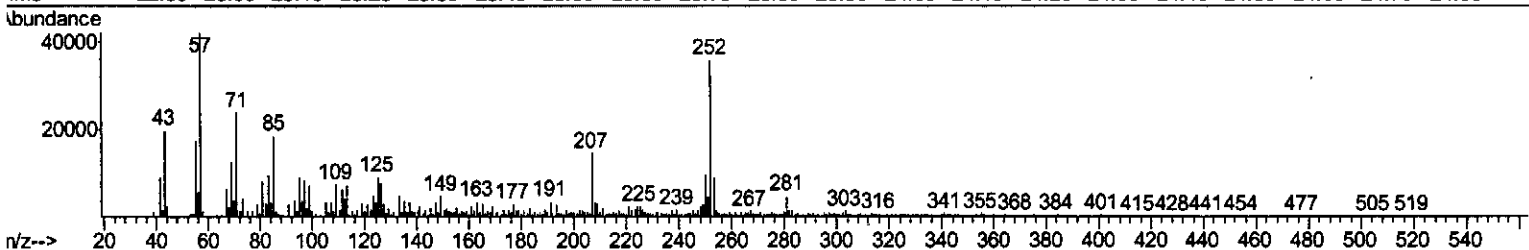
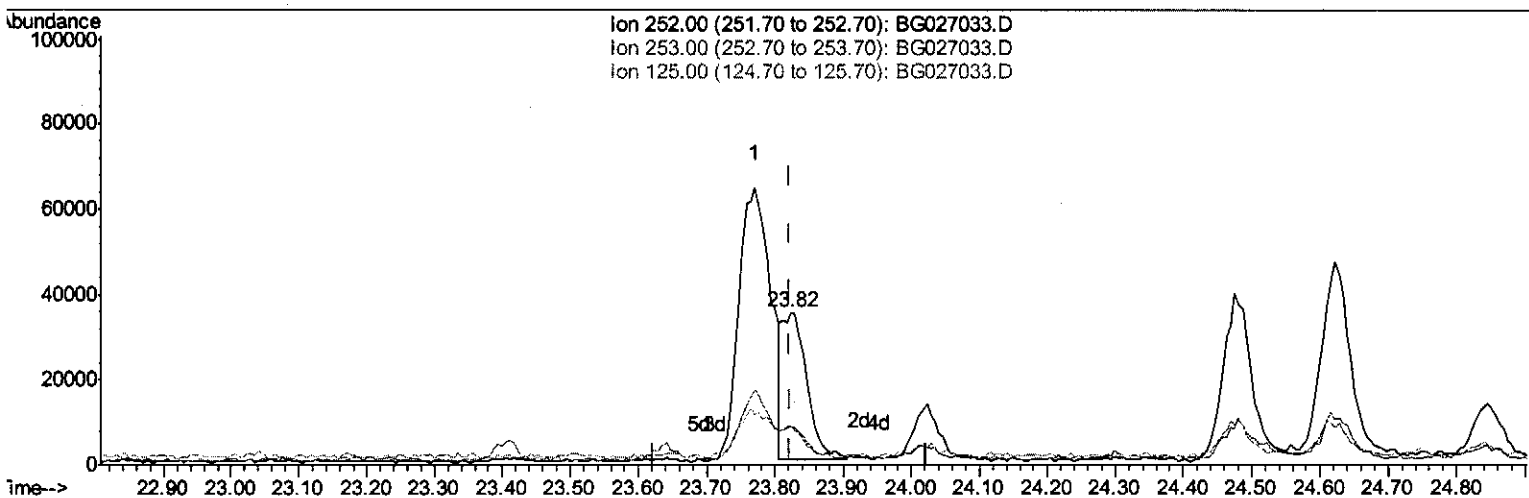
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Instrument :
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Client Sampled :
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Manual Integrations
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(24) Benzo(k)fluoranthene
23.823min (+0.002) 1.49ng/ul m

response 86139

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.43
125.00	10.10	25.60#
0.00	0.00	0.00

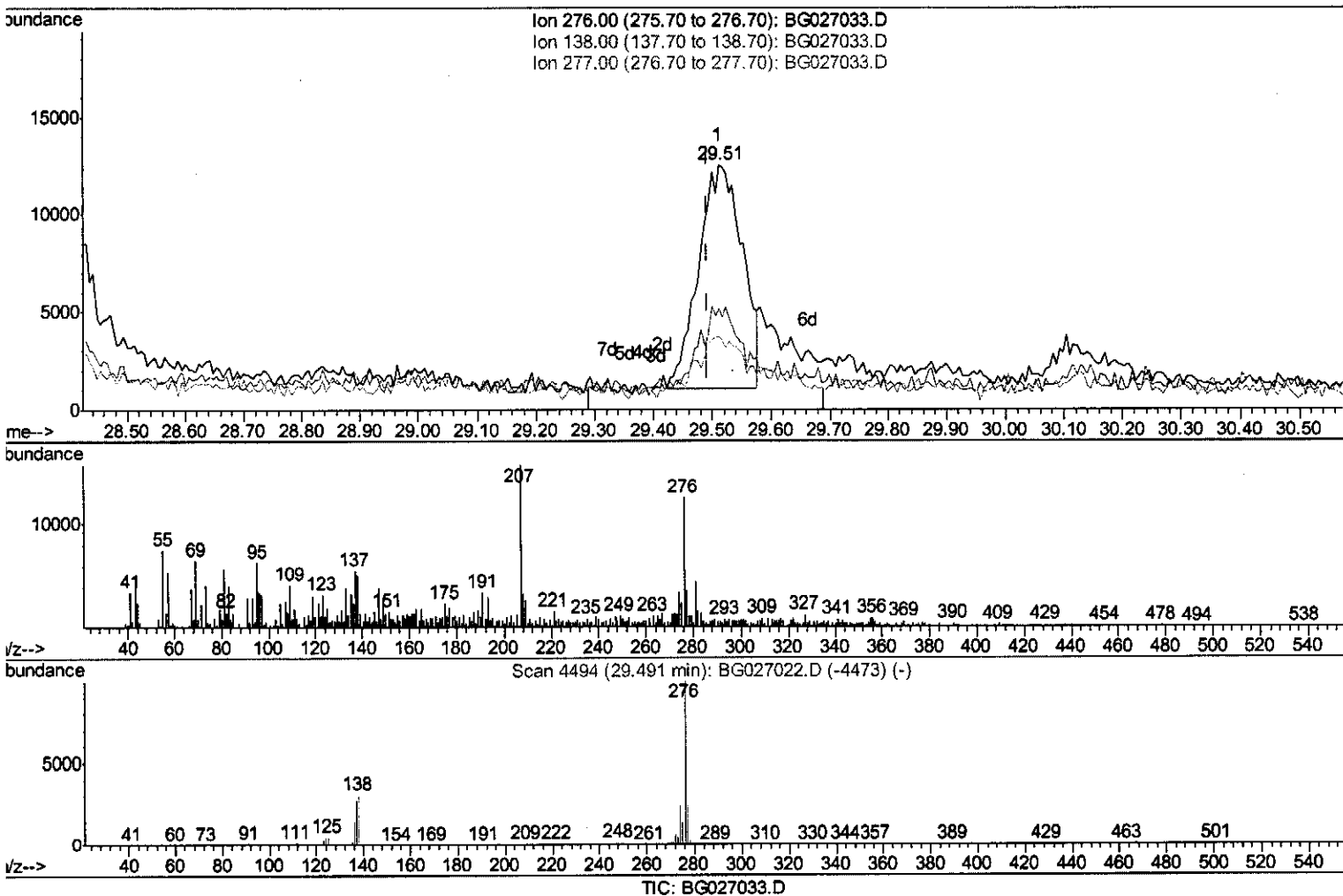
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Data File : BG027033.D
Acq On : 19 May 2017 10:25
Operator : SJ/MA
Sample : I3136-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: May 19 12:48:55 2017
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Response via : Initial Calibration



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

29.510min (+0.019) 1.46ng/ul

response 58880

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	40.84#
277.00	23.70	29.41#
0.00	0.00	0.00

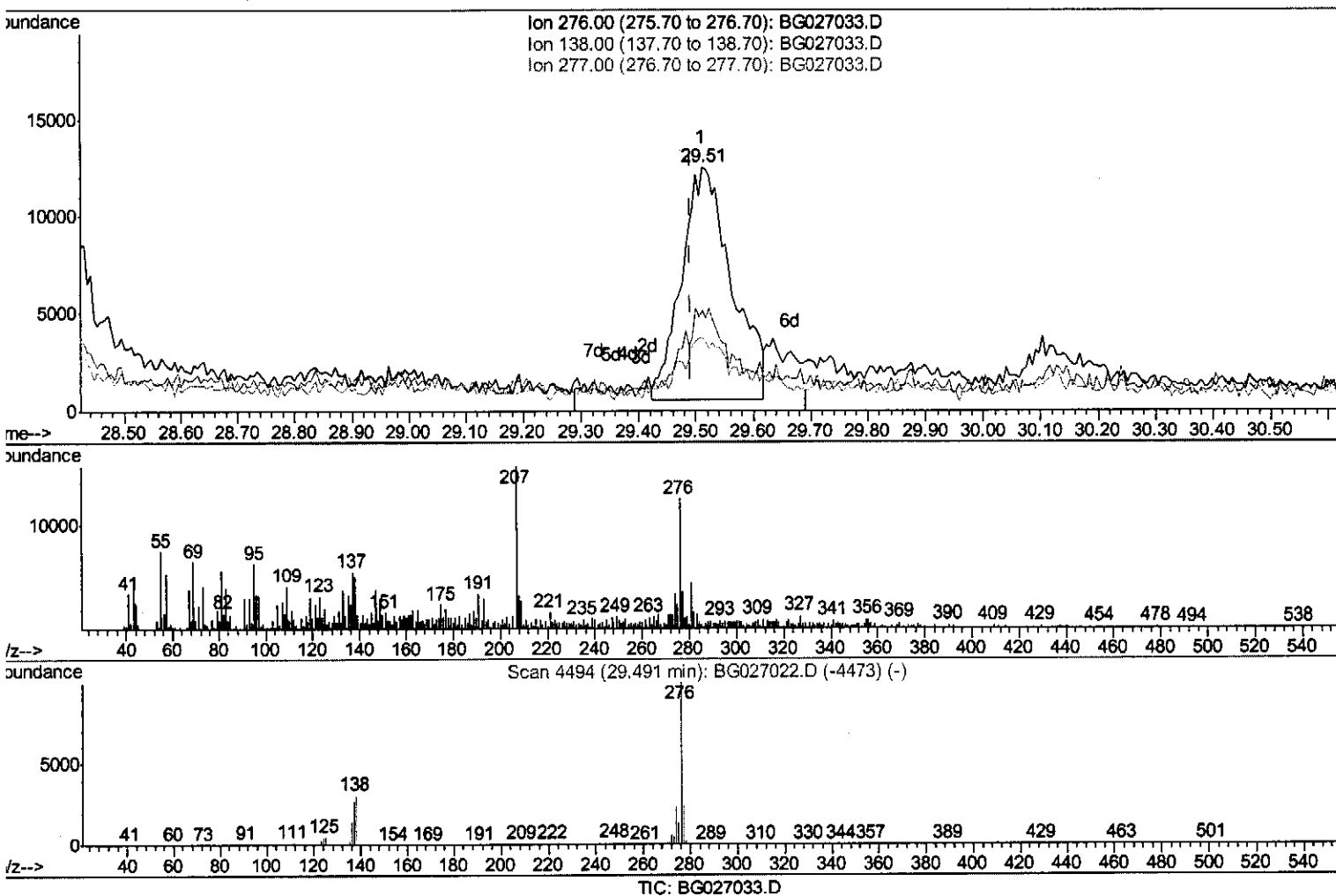
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027033.D
Acq On : 19 May 2017 10:25
Operator : SJ/MA
Sample : I3136-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC30

Manual Integrations
APPROVED

mohammad
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



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

29.510min (+0.019) 1.81ng/ul m

response 72584

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	40.84#
277.00	23.70	29.41#
0.00	0.00	0.00

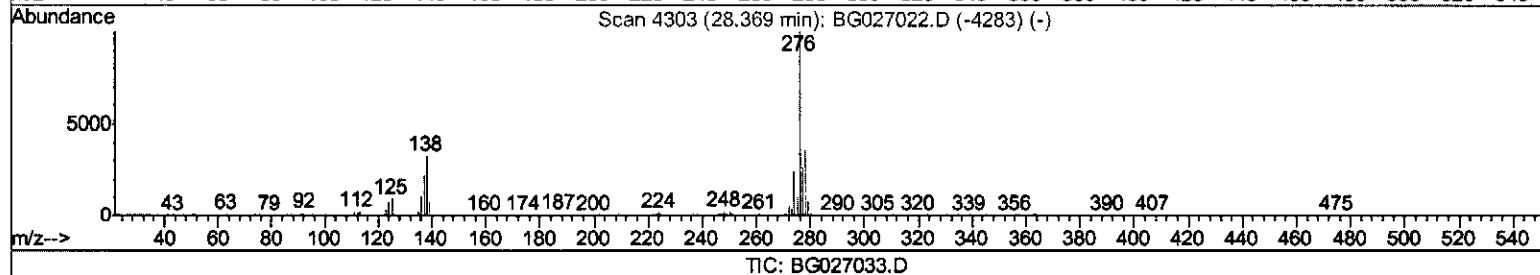
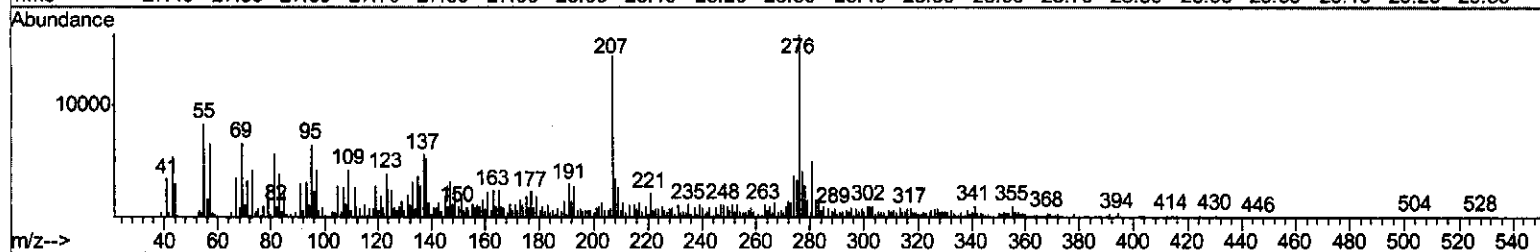
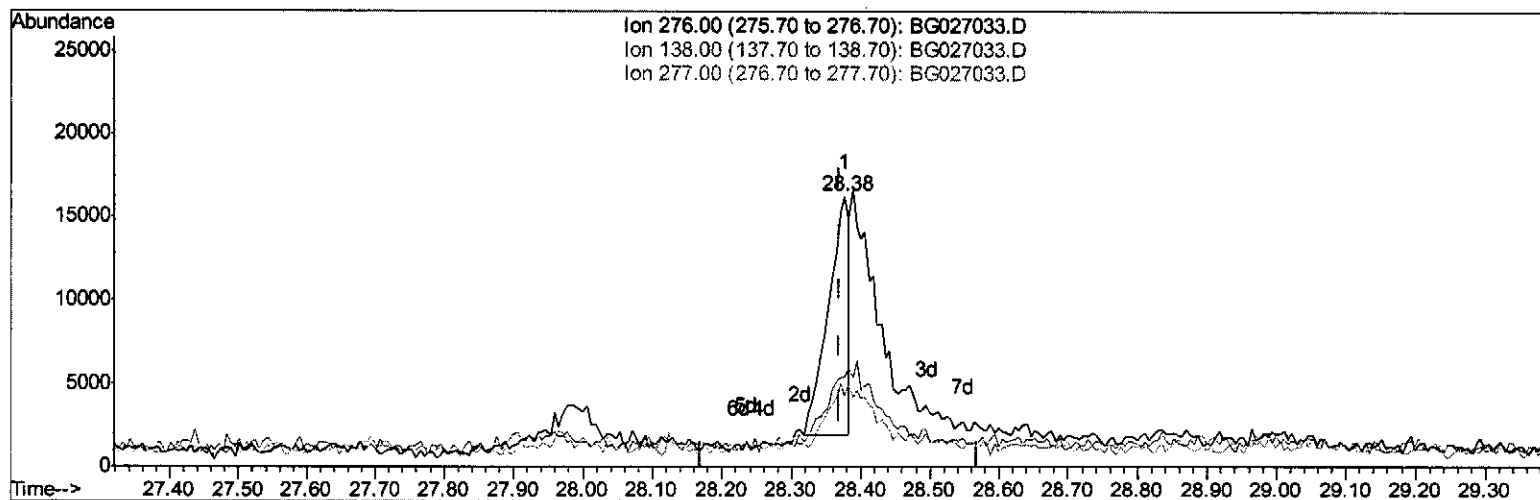
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleID :
DAC30

Manual Integrations
APPROVED

mohammad
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Quant Time: May 19 12:51:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
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QLast Update : Fri May 19 04:25:04 2017
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(27) Indeno(1,2,3-cd)pyrene

28.377min (+0.007) 0.59ng/ul

response 29956

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	32.96#
277.00	22.50	25.99
0.00	0.00	0.00

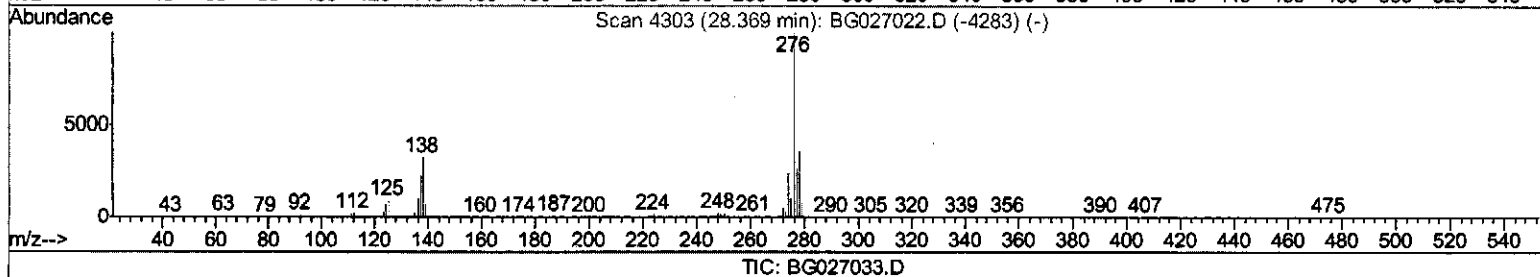
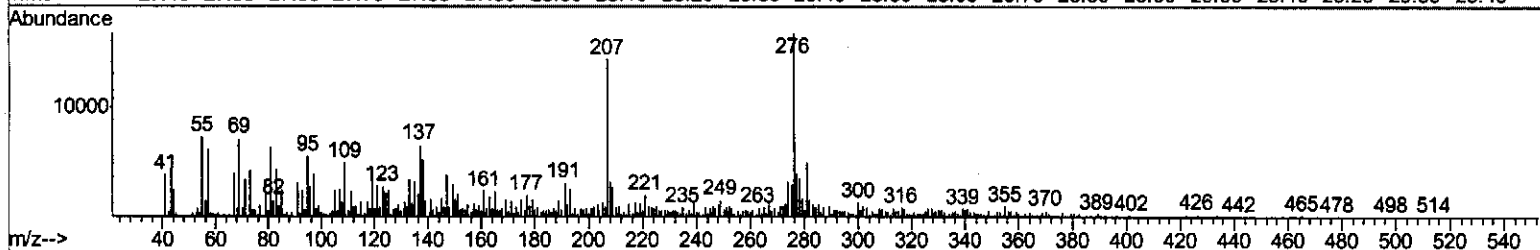
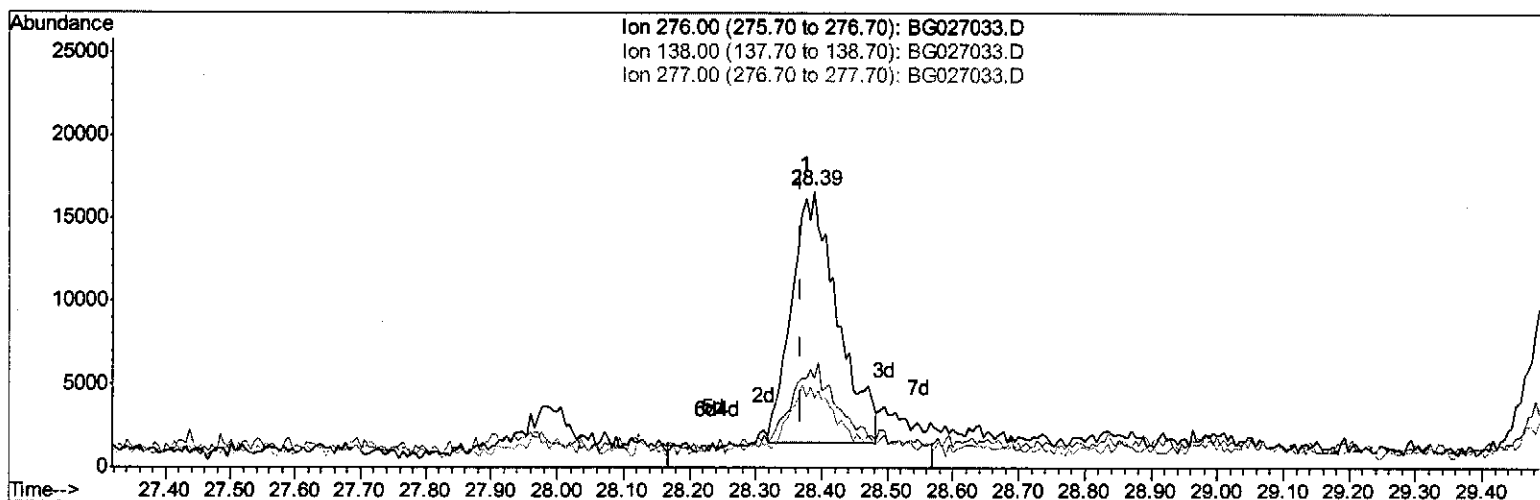
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Operator : SJ/MA
Sample : I3136-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC30

Manual Integrations
APPROVED

mohammad
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Quant Time: May 19 12:51:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



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

28.388min (+0.019) 1.43ng/ul m

response 72520

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	32.12#
277.00	22.50	24.94
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	244798	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1132581	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	596069	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1070498	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	966344	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	945358	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.31	160	1183166	19.35	ng/ul	0.00
10) Fluorene-d10	15.61	176	751040	18.41	ng/ul	0.00
14) Anthracene-d10	17.45	188	1014924m	19.45	ng/ul	0.00
18) Pyrene-d10	19.73	212	975108	19.33	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	889624	18.94	ng/ul	0.01

Target Compounds

						Qvalue
13) Phenanthrene	17.40	178	206604	3.45	ng/ul	98
16) Fluoranthene	19.40	202	327472	5.35	ng/ul#	94
19) Pyrene	19.76	202	275228	4.36	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	146963	2.52	ng/ul	96
21) Chrysene	21.64	228	152641m	2.86	ng/ul	
23) Benzo(b)fluoranthene	23.77	252	204503	3.64	ng/ul#	86
24) Benzo(k)fluoranthene	23.82	252	86139m	1.49	ng/ul	
26) Benzo(a)pyrene	24.62	252	123415	2.25	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.39	276	72520m	1.43	ng/ul	
29) Benzo(g,h,i)perylene	29.51	276	72584m	1.81	ng/ul	

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

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