

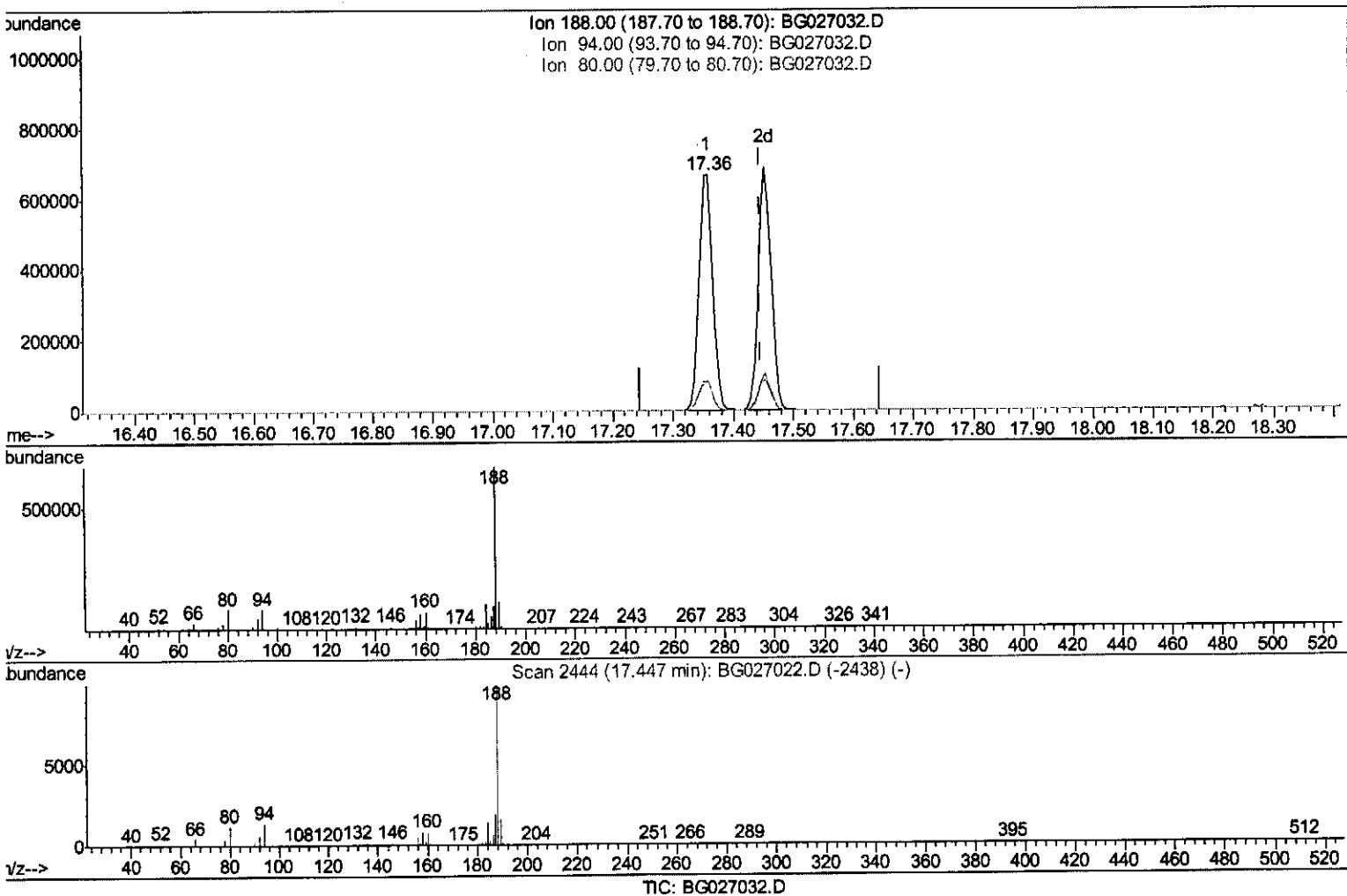
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027032.D
Acq On : 19 May 2017 9:46
Operator : SJ/MA
Sample : I3136-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC29

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:07 AM

Quant Time: May 19 11:48:26 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)

17.358min (-0.088) 20.51ng/ul

response 1050392

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	12.13
80.00	11.80	12.06
0.00	0.00	0.00

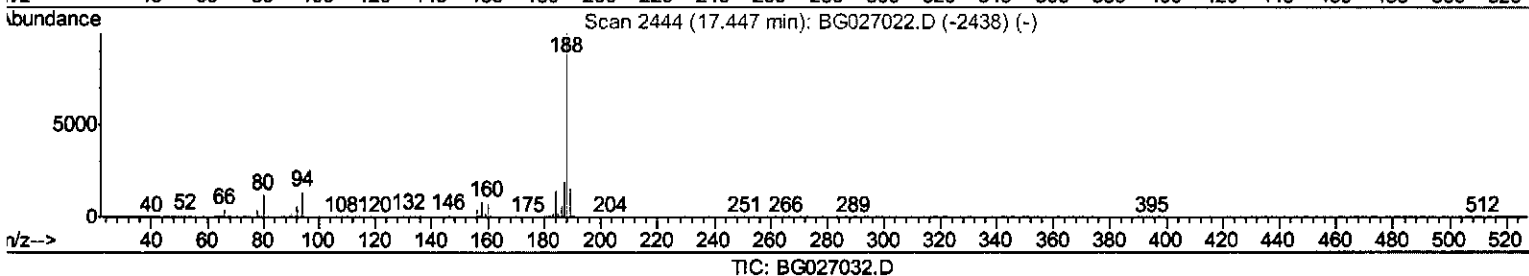
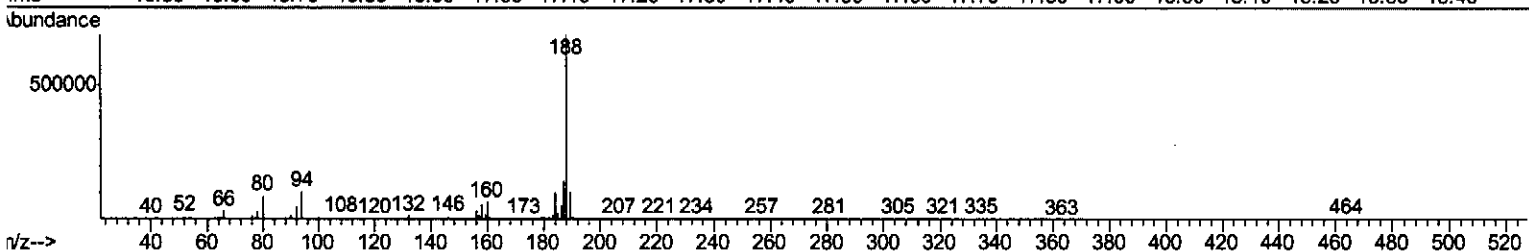
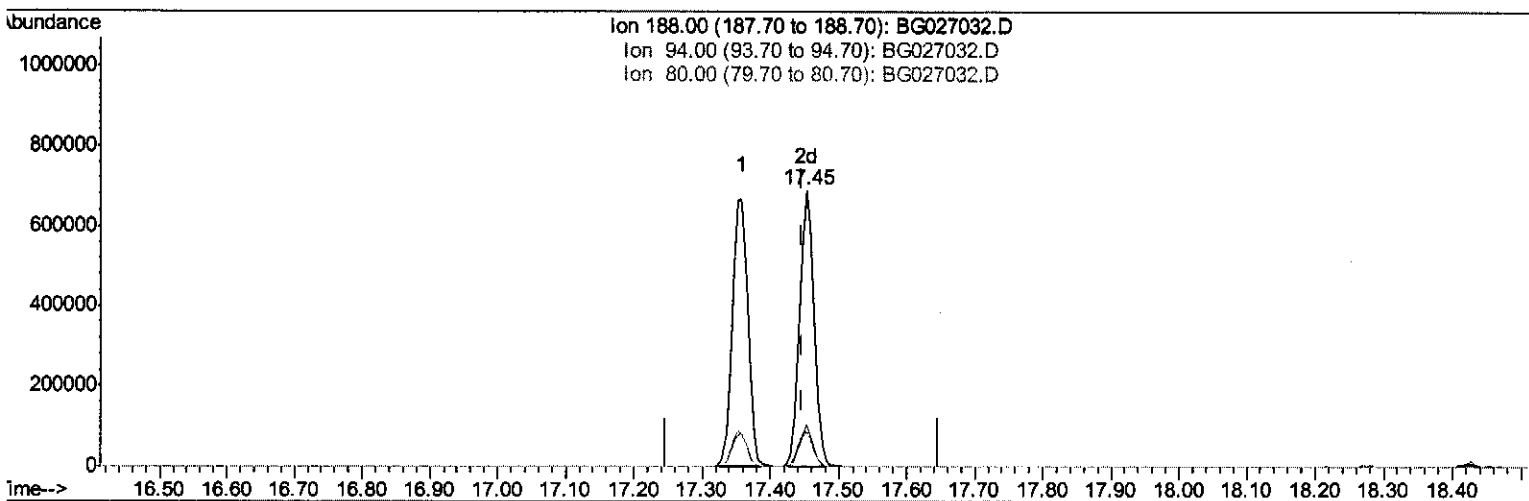
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(14) Anthracene-d10 (S)

17.453min (+0.006) 19.93ng/ul m

response 1020736

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	15.02#
80.00	11.80	12.55
0.00	0.00	0.00

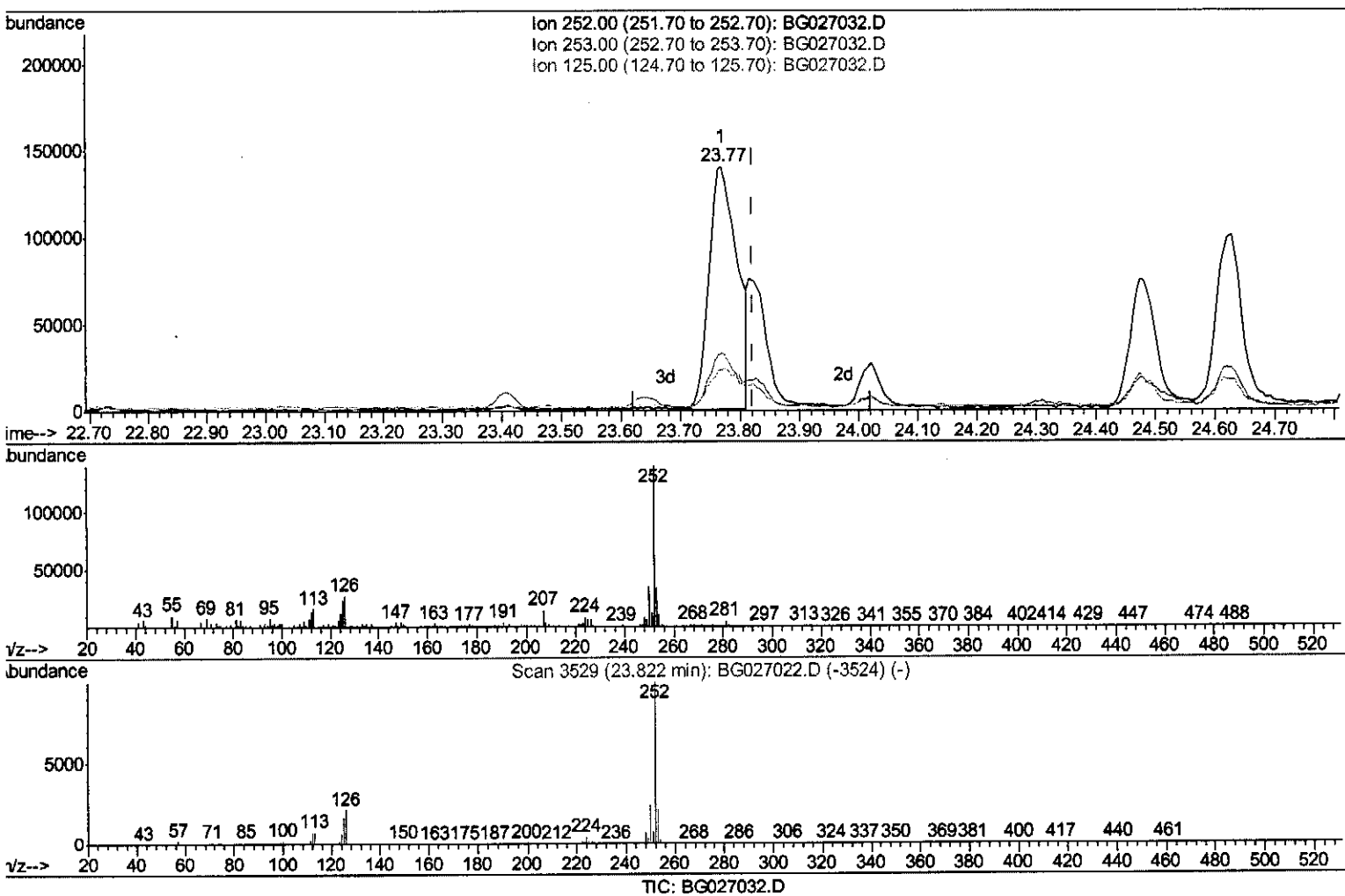
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(24) Benzo(k)fluoranthene

23.769min (-0.053) 8.18ng/ul

response 458329

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.83
125.00	10.10	16.83#
0.00	0.00	0.00

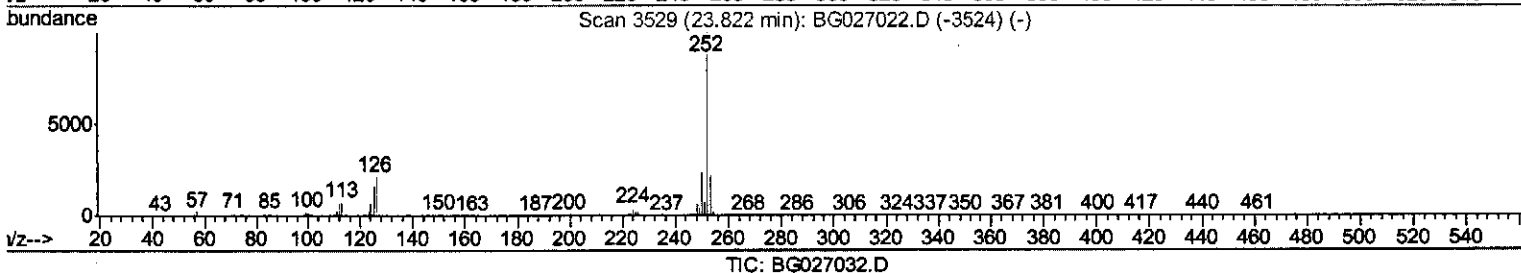
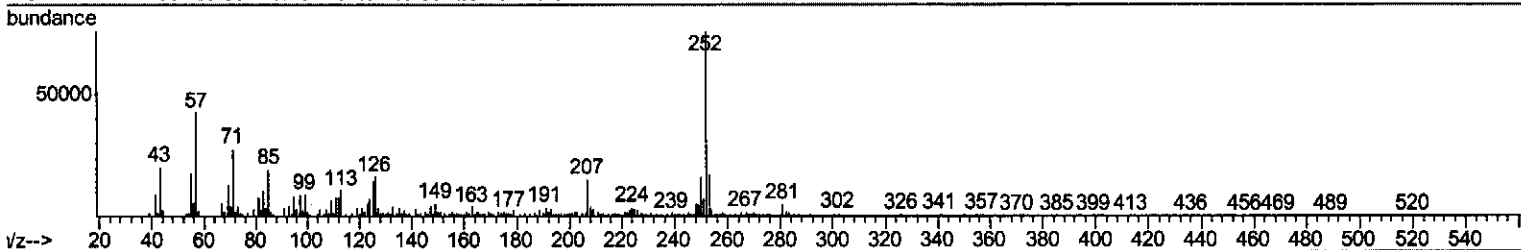
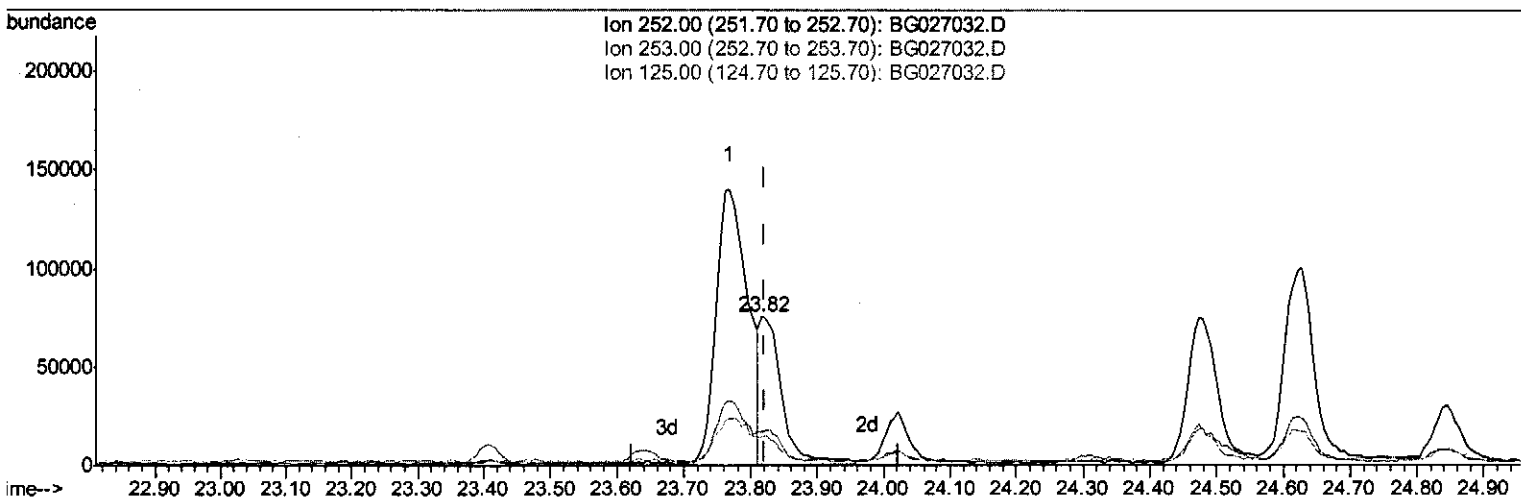
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Instrument :
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ClientSampled :
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Manual Integrations
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TIC: BG027032.D

(24) Benzo(k)fluoranthene

23.816min (-0.006) 3.07ng/ul m

response 171701

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.55
125.00	10.10	19.59#
0.00	0.00	0.00

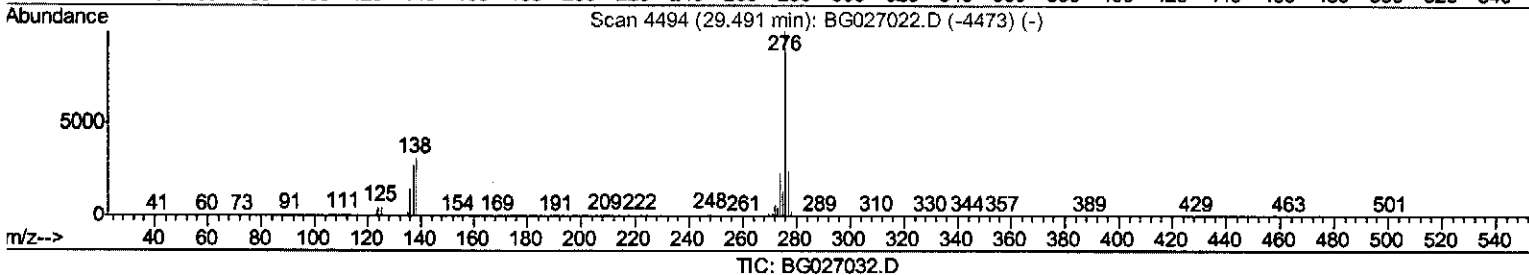
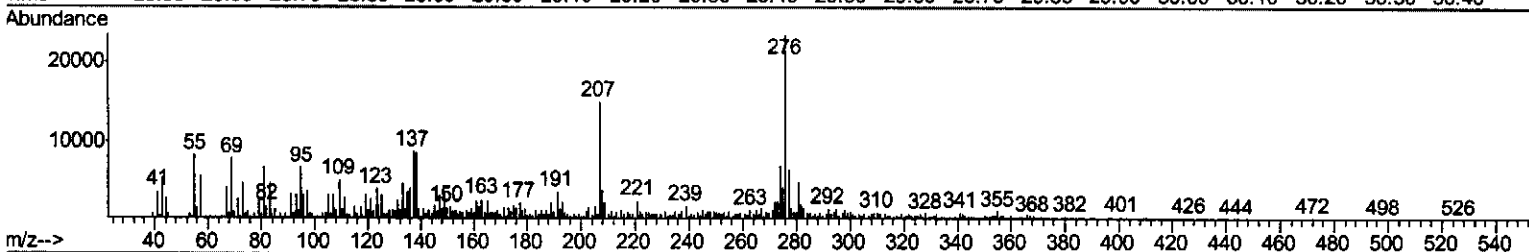
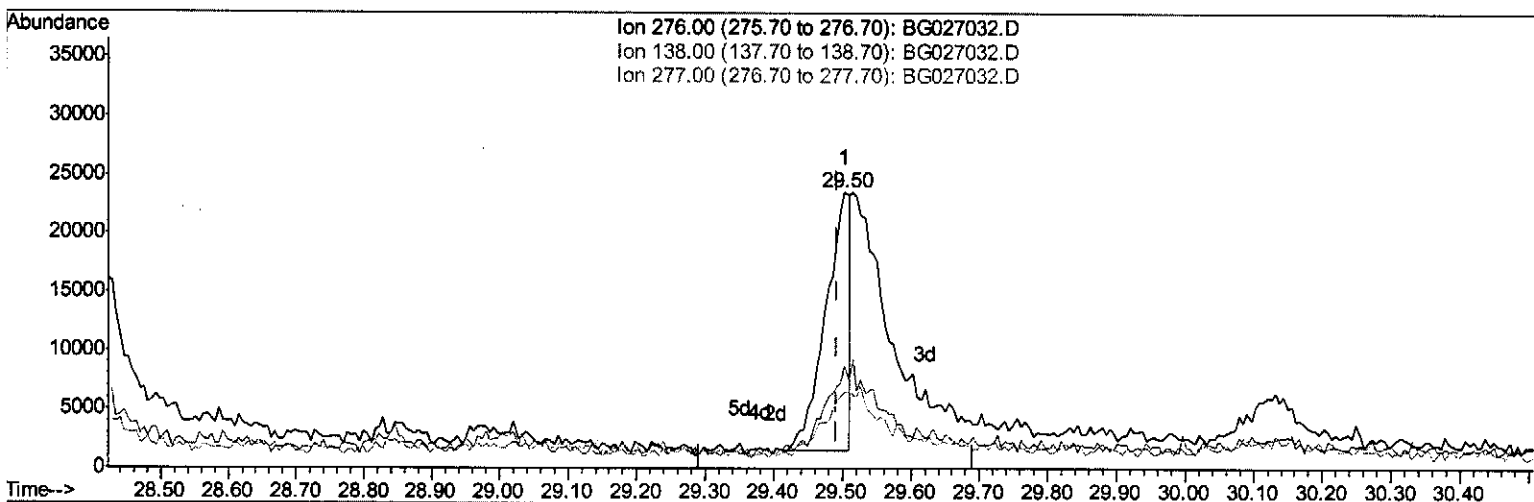
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(29) Benzo(g,h,i)perylene

29.503min (+0.012) 1.37ng/ul

response 53499

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	37.00#
277.00	23.70	27.22
0.00	0.00	0.00

Quantitation Report (Qedit)

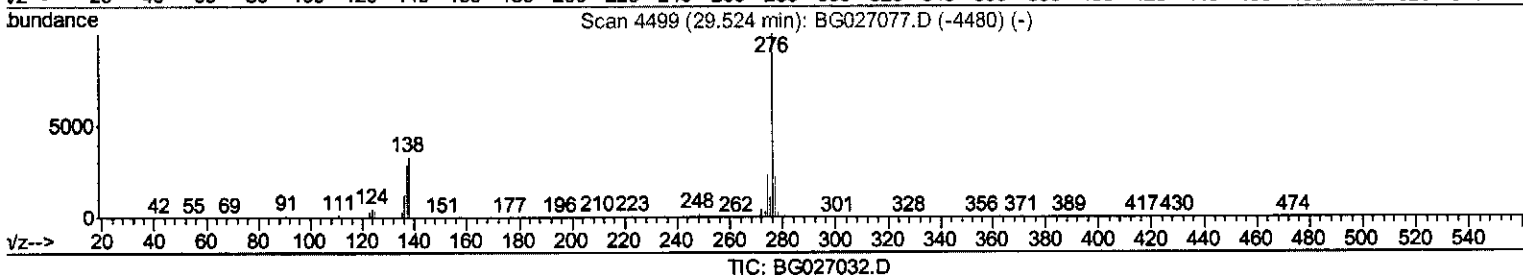
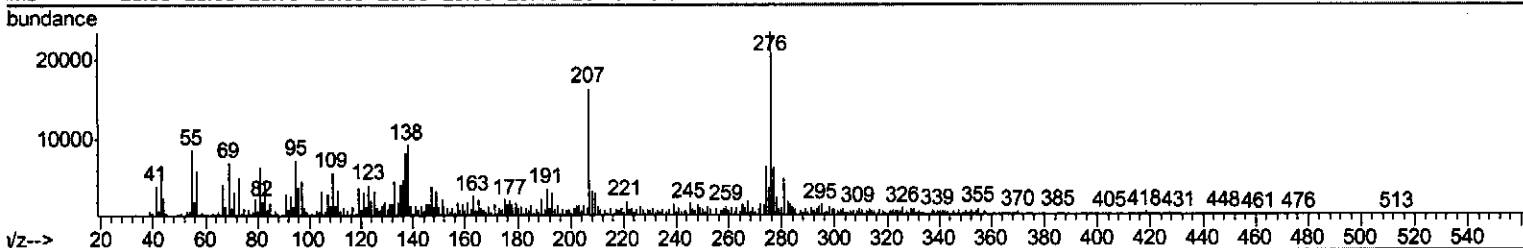
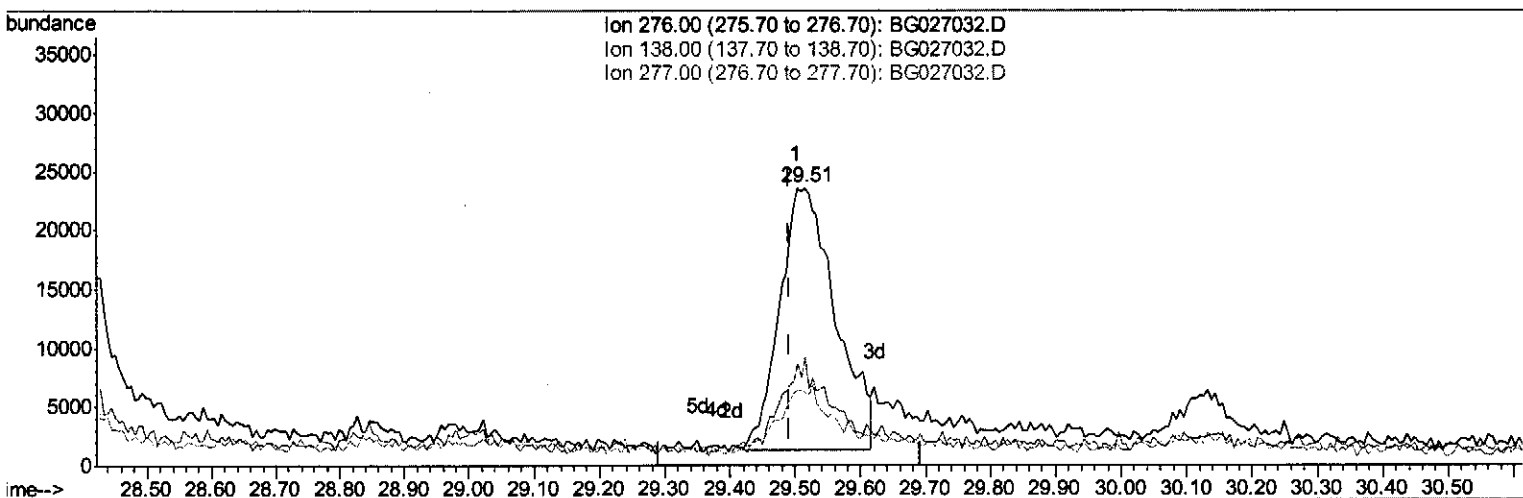
Data Path : Z:\HPCHEM1\BNA G\Data\BG051817\
Data File : BG027032.D
Acq On : 19 May 2017 9:46
Operator : SJ/MA
Sample : I3136-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampled :
DAC29

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:07 AM

Quant Time: May 19 11:58:13 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



TIC: BG027032.D

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

29.515min (+0.023) 3.39ng/ul m

response 132118

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	39.13#
277.00	23.70	26.29
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
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 Operator : SJ/MA
 Sample : I3136-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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Quant Time: May 19 11:58:13 2017
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	238331	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	1112908	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	577522	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	1050392	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	932468	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	916085	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	1173639	19.81	ng/ul	0.00
10) Fluorene-d10	15.61	176	750878	19.00	ng/ul	0.00
14) Anthracene-d10	17.45	188	1020736m	19.93	ng/ul	0.00
18) Pyrene-d10	19.73	212	969939	19.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	895451	19.67	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Acenaphthene	14.68	153	41139	1.01	ng/ul	98
11) Fluorene	15.66	166	47222	1.09	ng/ul	97
13) Phenanthrene	17.40	178	853856	14.54	ng/ul	99
15) Anthracene	17.49	178	179978	2.98	ng/ul	100
16) Fluoranthene	19.40	202	914135	15.23	ng/ul#	91
19) Pyrene	19.76	202	741806	12.17	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	354942	6.32	ng/ul	97
21) Chrysene	21.65	228	357830	6.94	ng/ul	98
23) Benzo(b)fluoranthene	23.77	252	458329	8.42	ng/ul#	92
24) Benzo(k)fluoranthene	23.82	252	171701m	3.07	ng/ul	
26) Benzo(a)pyrene	24.63	252	291092	5.46	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	28.38	276	147340	3.01	ng/ul#	76
29) Benzo(g,h,i)perylene	29.51	276	132118m	3.39	ng/ul	

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

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