

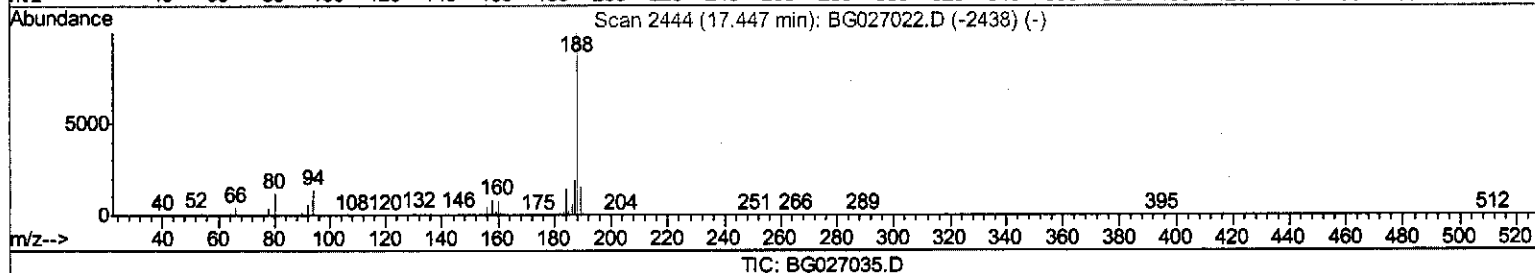
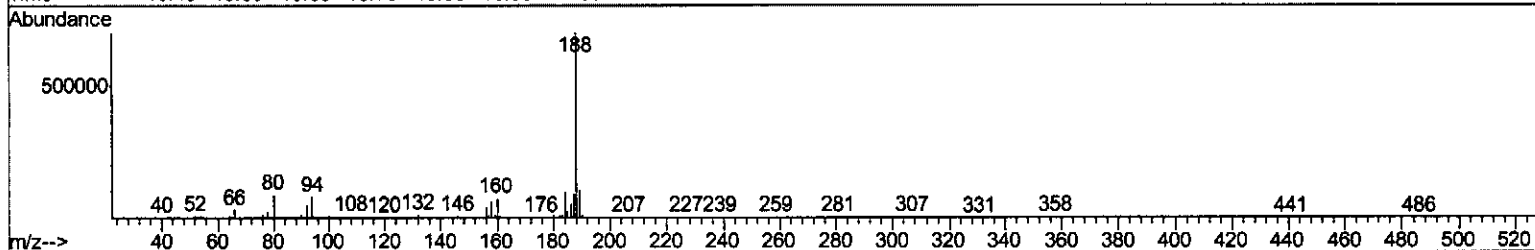
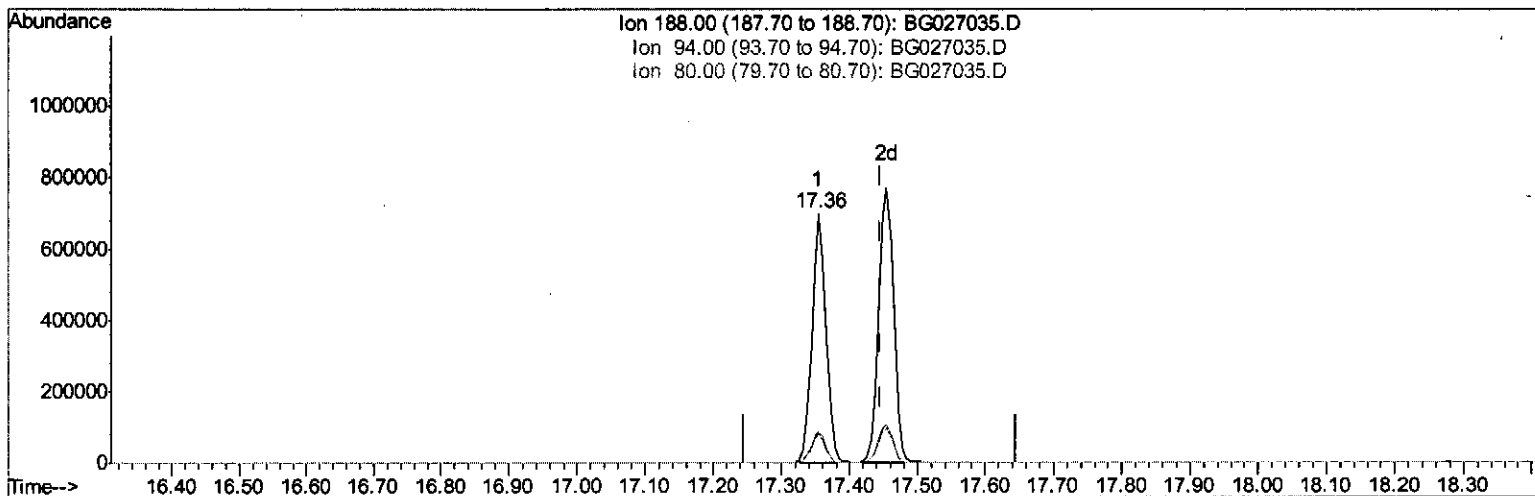
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027035.D
Acq On : 19 May 2017 11:44
Operator : SJ/MA
Sample : I3136-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC32

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:19 AM

Quant Time: May 19 12:56:38 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)

17.355min (-0.092) 20.51ng/ul

response 1004052

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	11.50
80.00	11.80	12.55
0.00	0.00	0.00

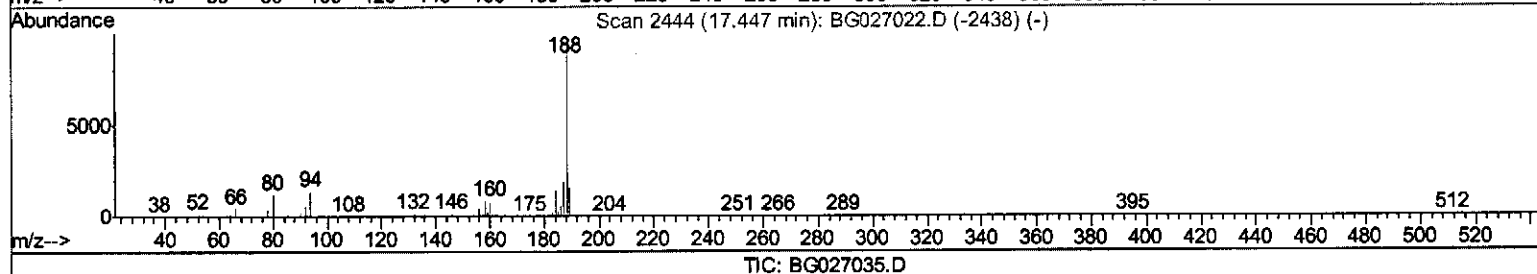
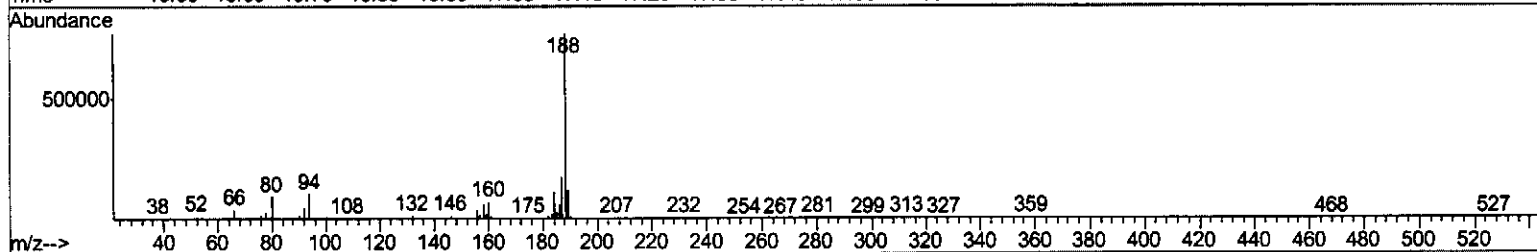
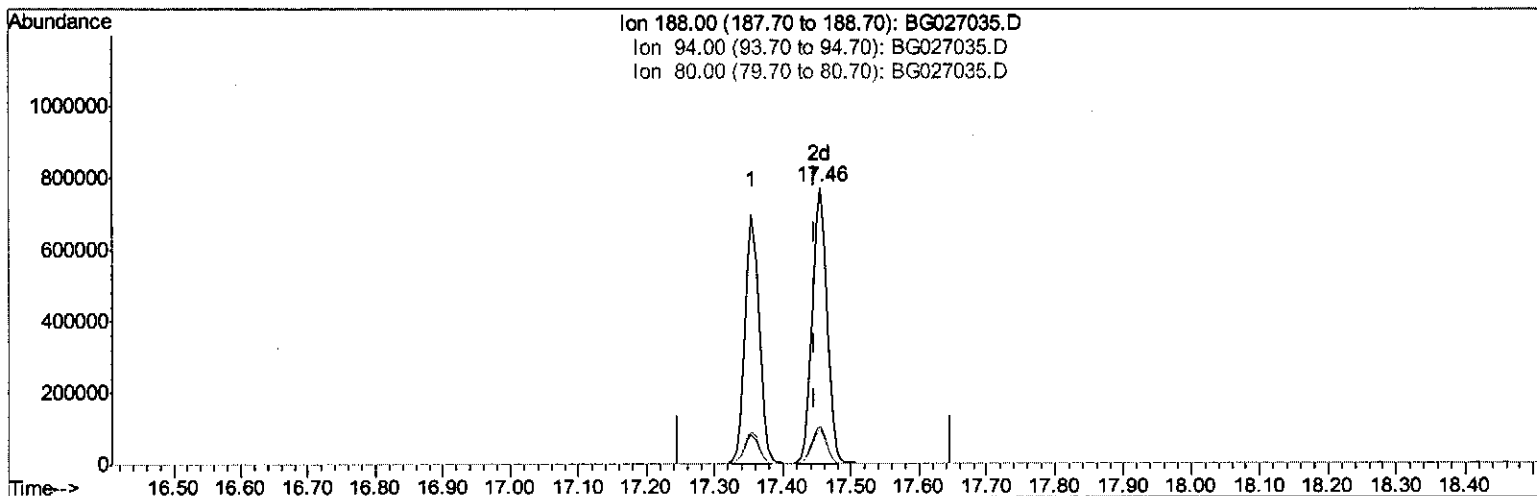
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Data File : BG027035.D
Acq On : 19 May 2017 11:44
Operator : SJ/MA
Sample : I3136-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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mohammad
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Quant Time: May 19 12:56:38 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



(14) Anthracene-d10 (S)

17.455min (+0.008) 24.10ng/ul m

response 1179650

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	13.53#
80.00	11.80	12.11
0.00	0.00	0.00

MA 6/22/17

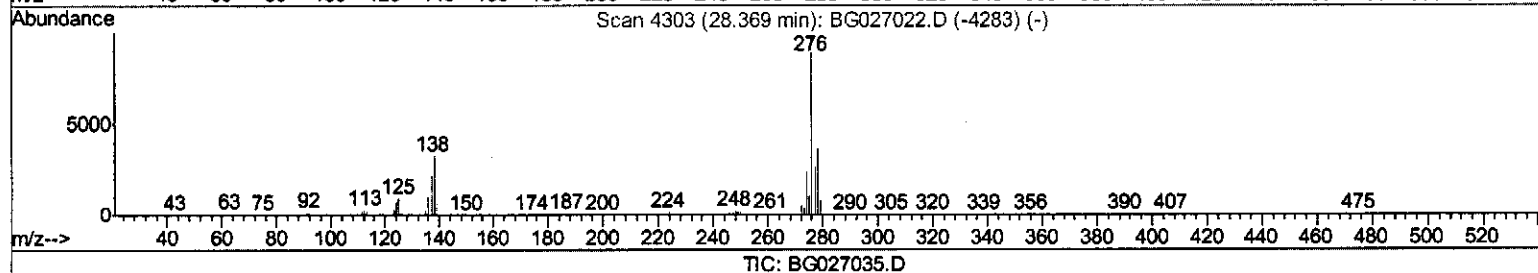
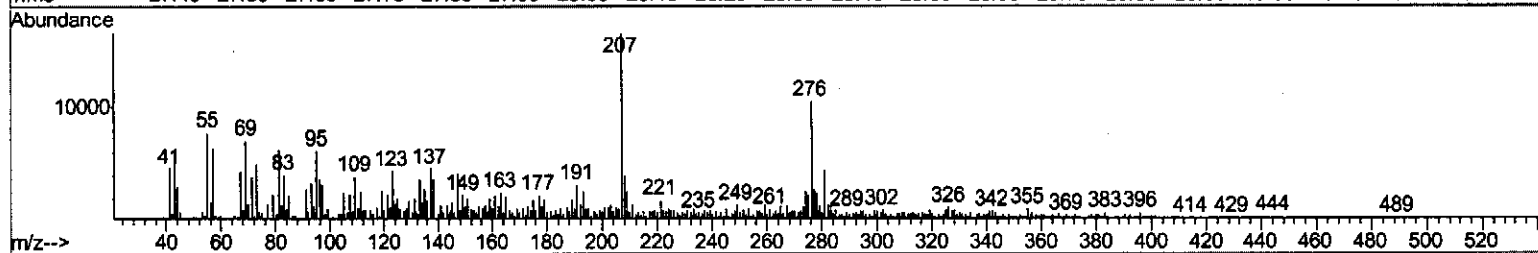
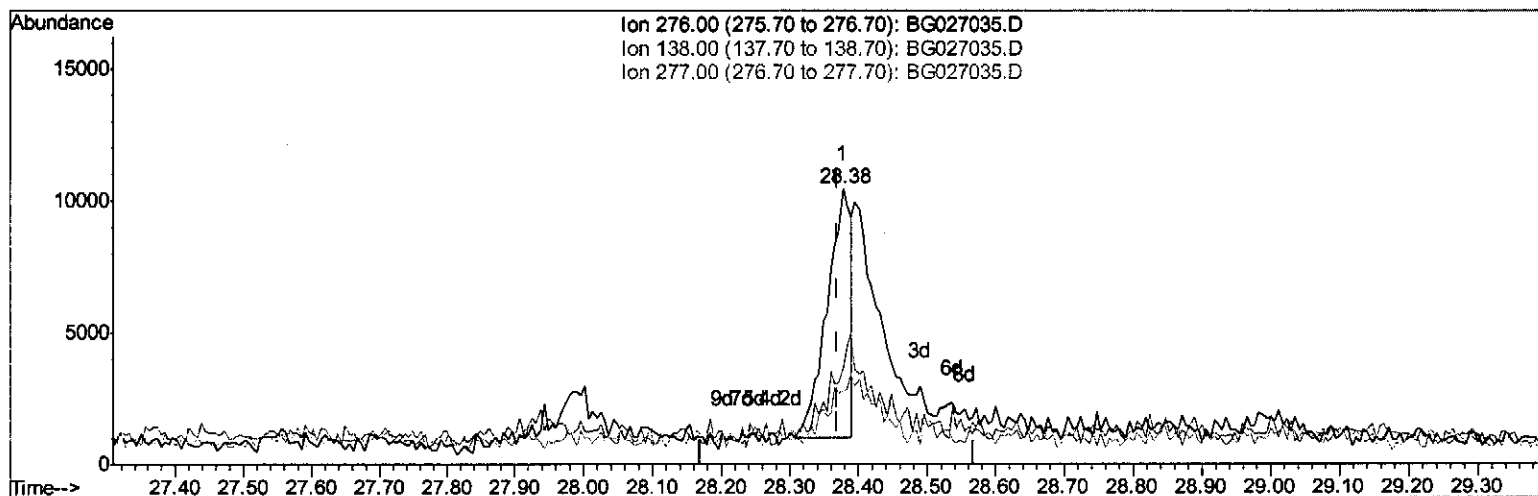
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027035.D
Acq On : 19 May 2017 11:44
Operator : SJ/MA
Sample : I3136-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC32

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:19 AM

Quant Time: May 19 13:18:22 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

28.378min (+0.008) 0.50ng/ul

response 22802

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	35.21#
277.00	22.50	26.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027035.D
 Acq On : 19 May 2017 11:44
 Operator : SJ/MA
 Sample : I3136-22
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAC32

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:05:19 AM

Quant Time: May 19 13:20:06 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	232047	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1069849	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	555456	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	1004052	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	897729	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	856116	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	1360322	23.88	ng/ul	0.00
10) Fluorene-d10	15.61	176	872745	22.96	ng/ul	0.00
14) Anthracene-d10	17.46	188	1179650m	24.10	ng/ul	0.00
18) Pyrene-d10	19.73	212	1107392	23.63	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	1012820	23.81	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	63338	1.13	ng/ul	96
16) Fluoranthene	19.40	202	165920	2.89	ng/ul#	93
19) Pyrene	19.76	202	145579	2.48	ng/ul#	89
20) Benzo(a)anthracene	21.59	228	91022	1.68	ng/ul#	94
21) Chrysene	21.65	228	99306	2.00	ng/ul#	94
23) Benzo(b)fluoranthene	23.77	252	163859	3.22	ng/ul#	91
26) Benzo(a)pyrene	24.62	252	81819	1.64	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	28.38	276	47677m	1.04	ng/ul	

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

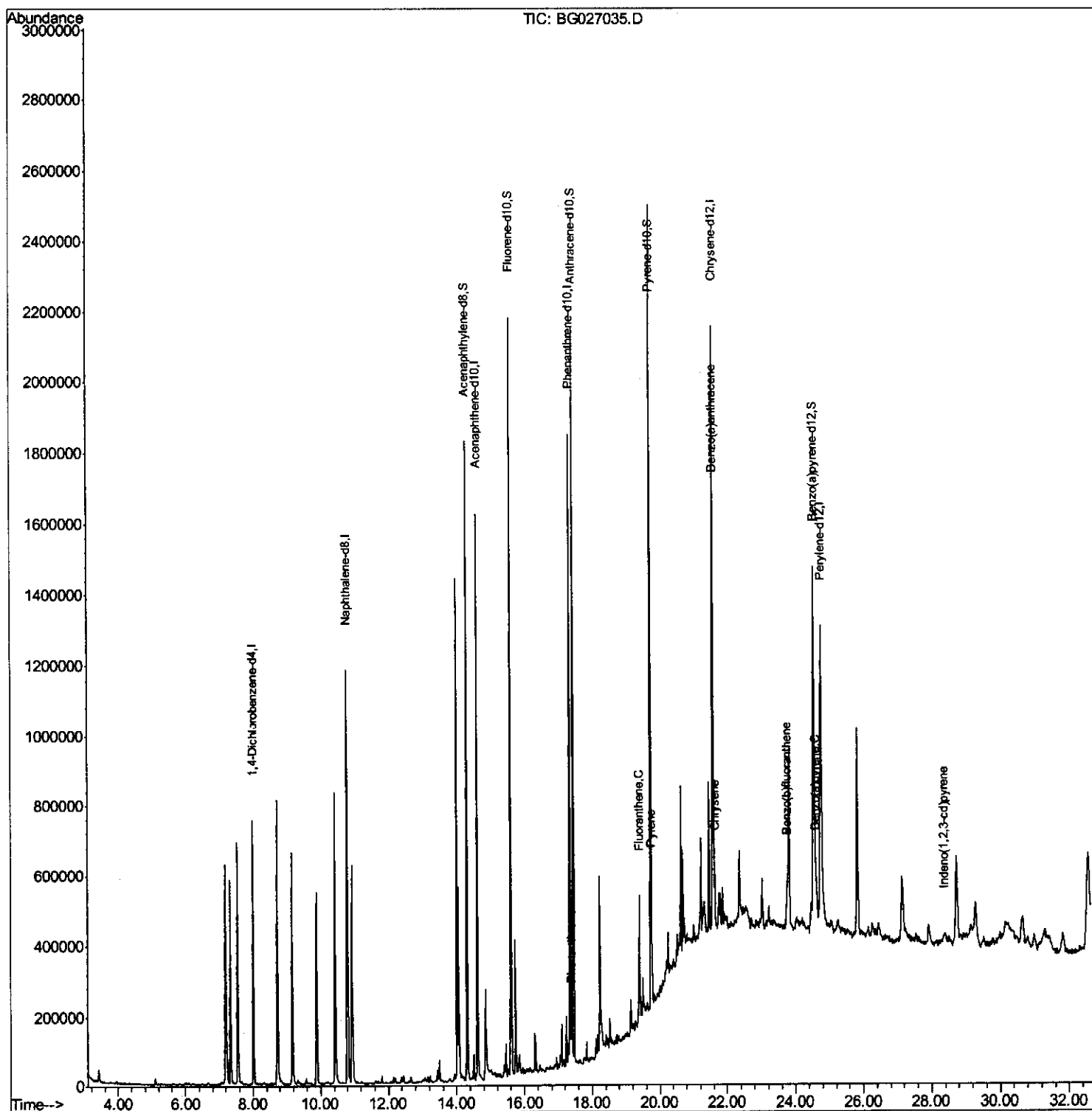
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
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Sample : I3136-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC32

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:19 AM

Quant Time: May 19 13:20:06 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
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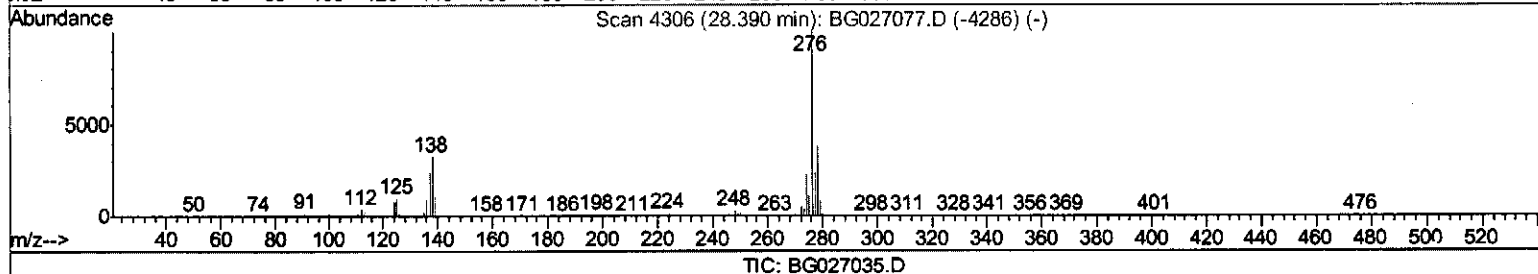
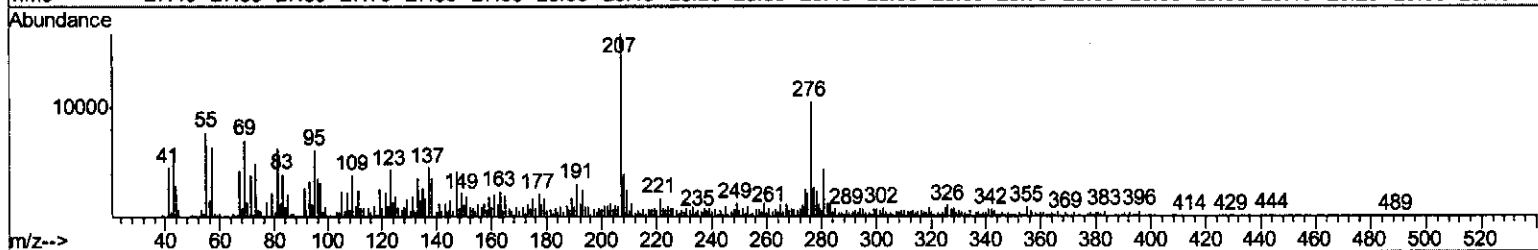
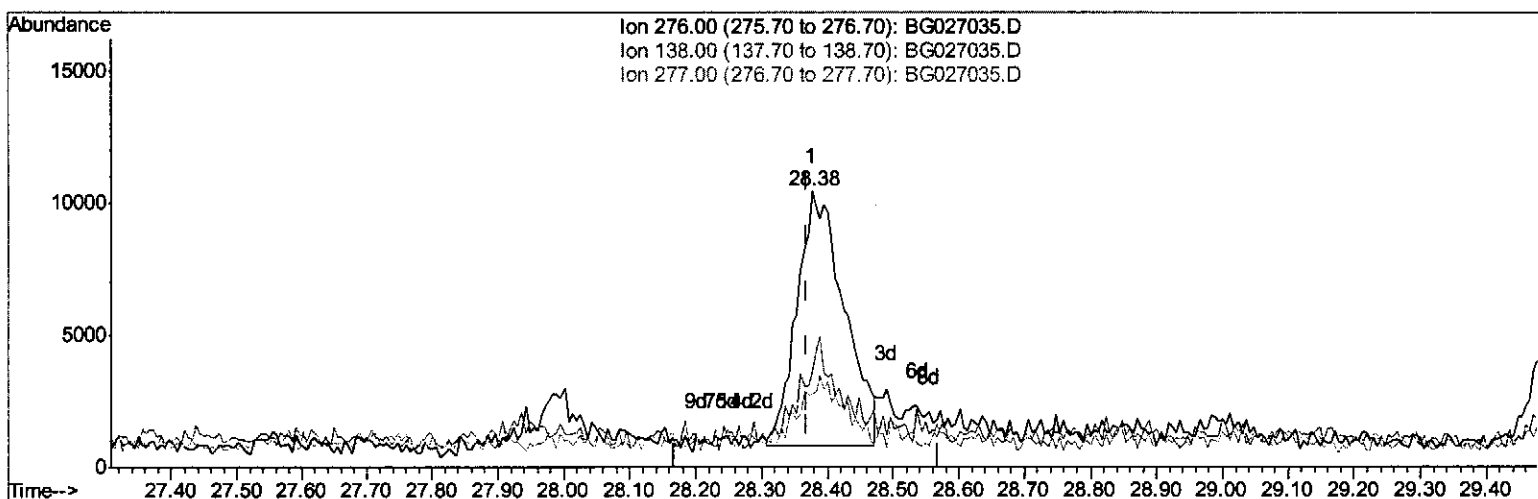
Data Path : Z:\HPCHEM1\BNA G\Data\BG051817\
Data File : BG027035.D
Acq On : 19 May 2017 11:44
Operator : SJ/MA
Sample : I3136-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: May 19 13:20:06 2017
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(27) Indeno(1,2,3-cd)pyrene

28.378min (+0.008) 1.04ng/ul m

response 47677

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	35.21#
277.00	22.50	26.47
0.00	0.00	0.00