

Instrument :
BNA_G
ClientSampleId :
DAH92

Manual Integrations
APPROVED

Sohil
10/11/2017 3:34:25 PM

[illegible]

Quantitation Report (Qedit)

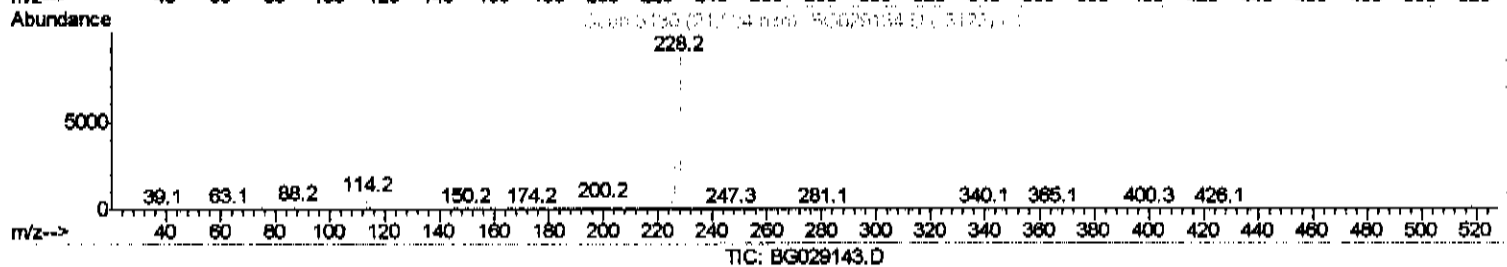
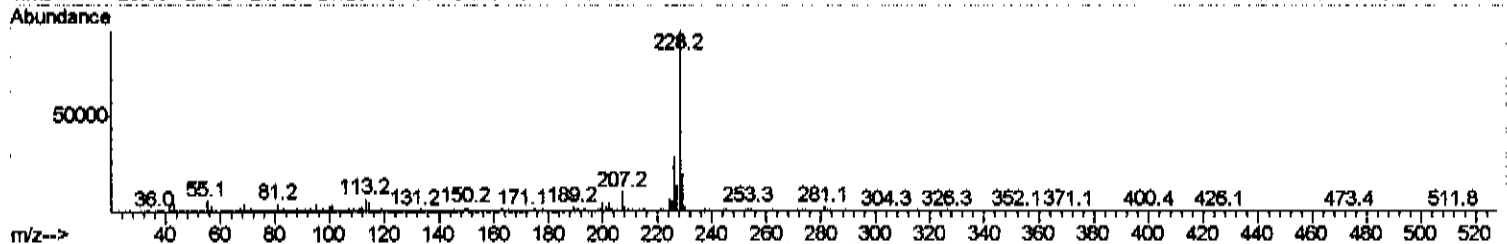
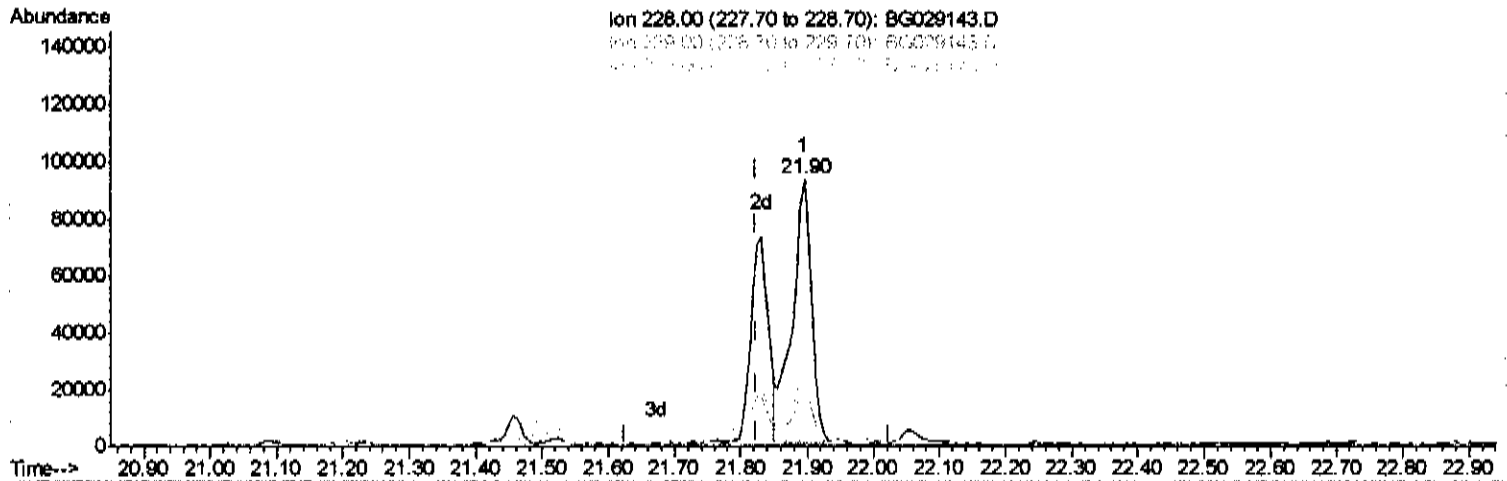
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029143.D
 Acq On : 10 Oct 2017 16:23
 Operator : SJ/JU
 Sample : I5577-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 11 04:17:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:15:46 2017
 Response via : Initial Calibration



(20) Benzo(a)anthracene

21.895min (+0.071) 9.41ng/ul

response 188032

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.11
226.00	26.40	31.08
0.00	0.00	0.00

Quantitation Report (Qedit)

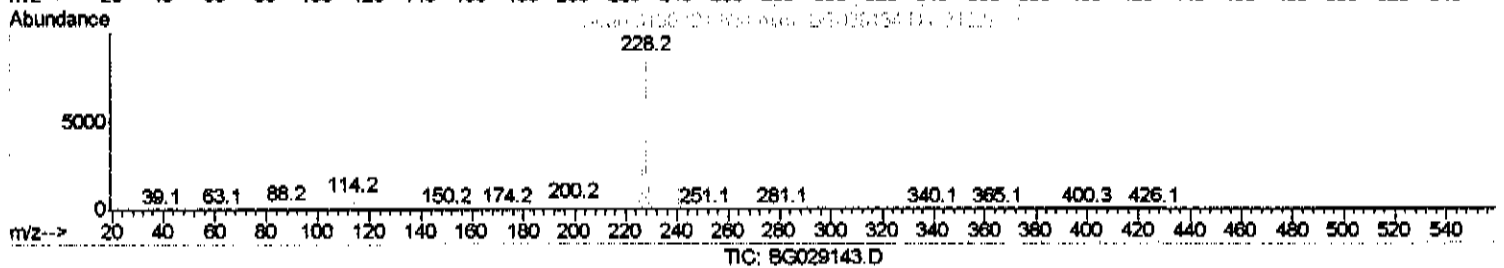
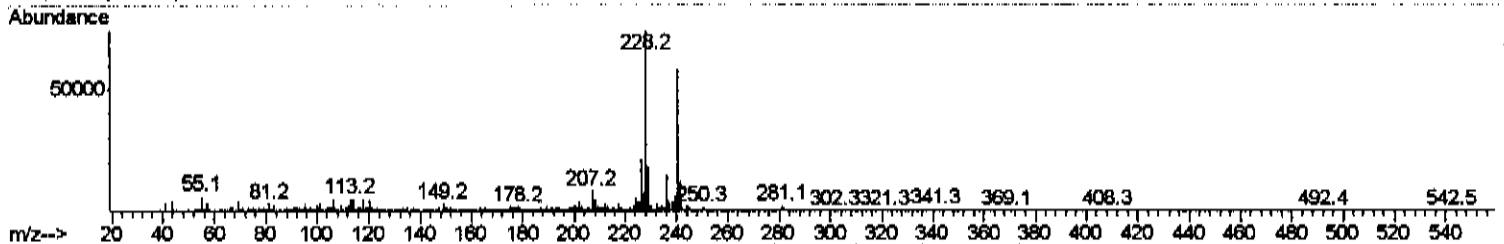
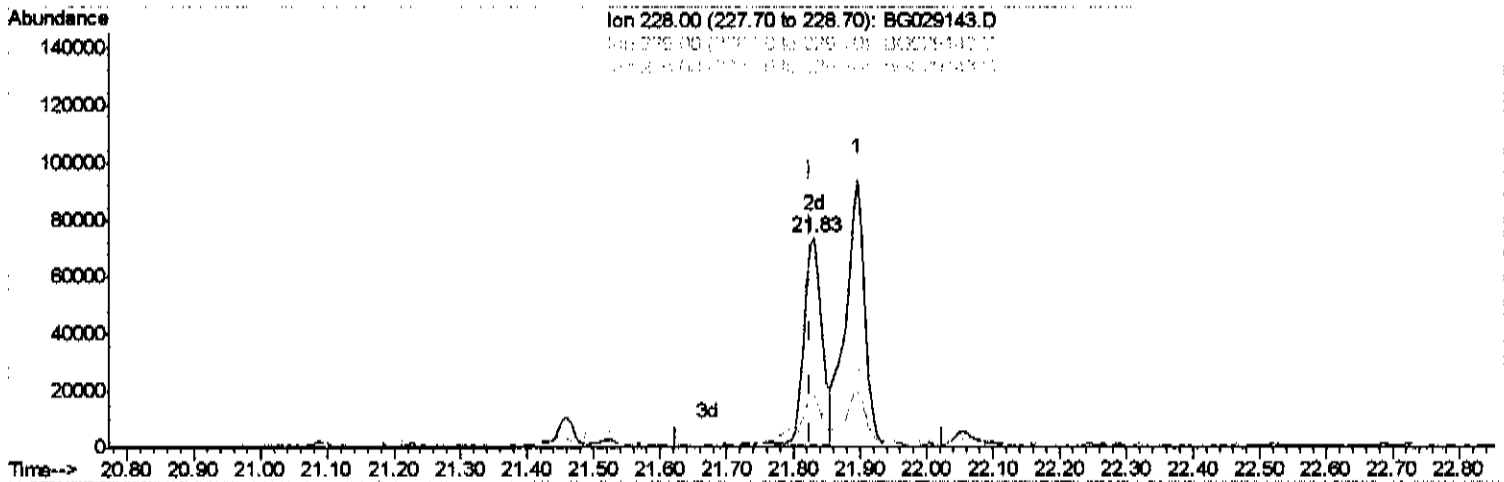
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(20) Benzo(a)anthracene

21.831min (+0.006) 7.10ng/ul m

response 141964

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	25.00%
226.00	26.40	28.90
0.00	0.00	0.00

Quantitation Report (Qedit)

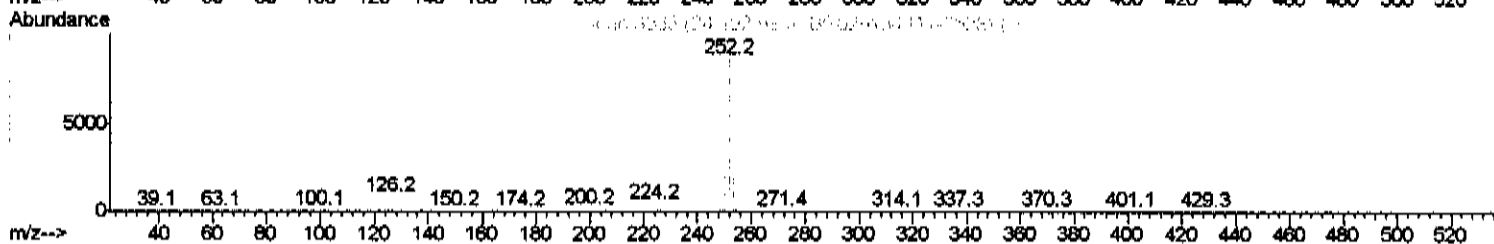
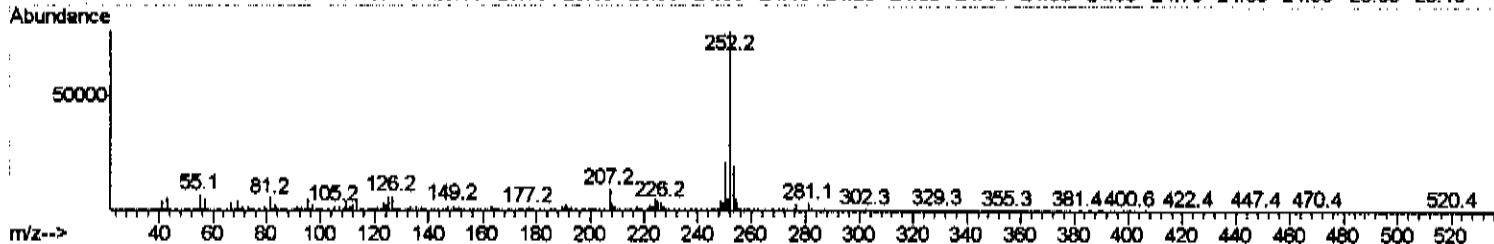
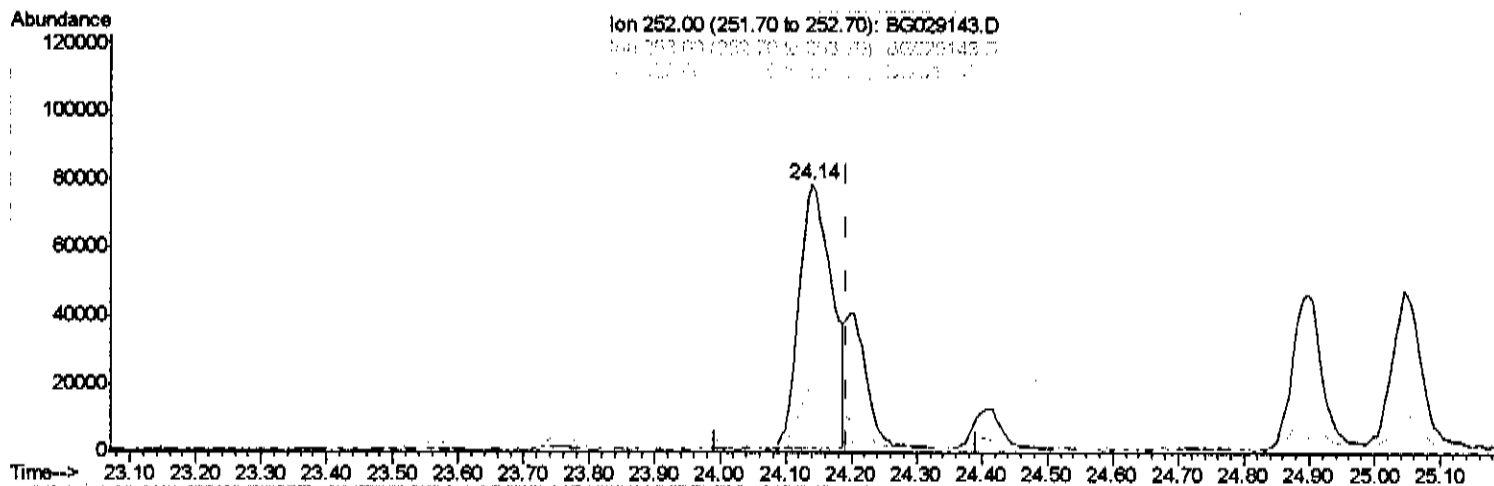
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TIC: BG029143.D

(24) Benzo(k)fluoranthene

24.139min (-0.052) 14.42ng/ul

response 274409

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.54
125.00	10.10	8.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

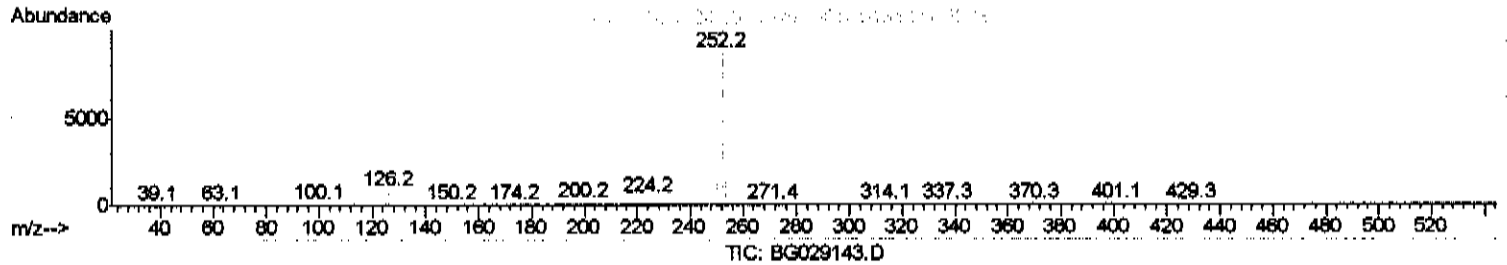
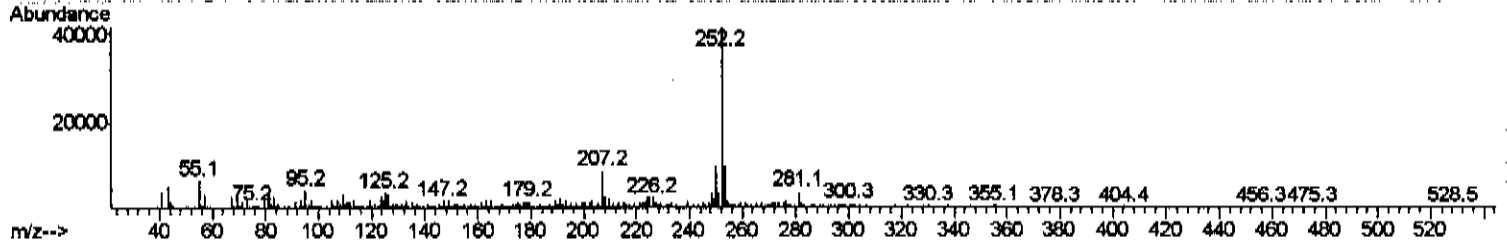
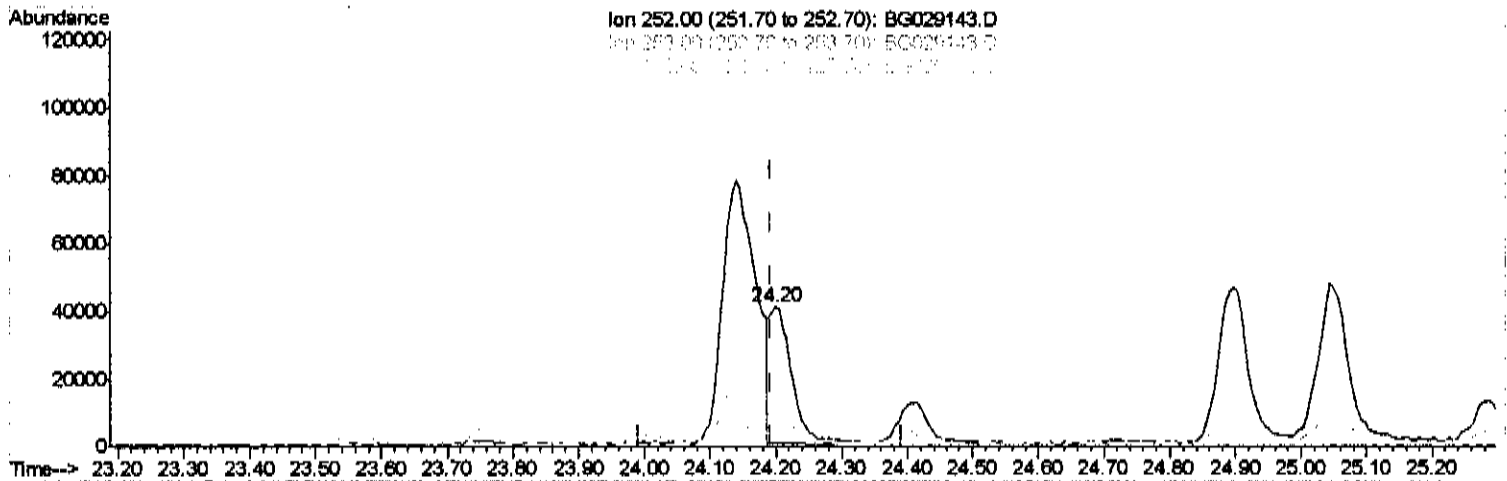
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(24) Benzo(k)fluoranthene

24.198min (+0.006) 4.86ng/ul m

response 92409

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.78
125.00	10.10	8.96
0.00	0.00	0.00

Quantitation Report (Qedit)

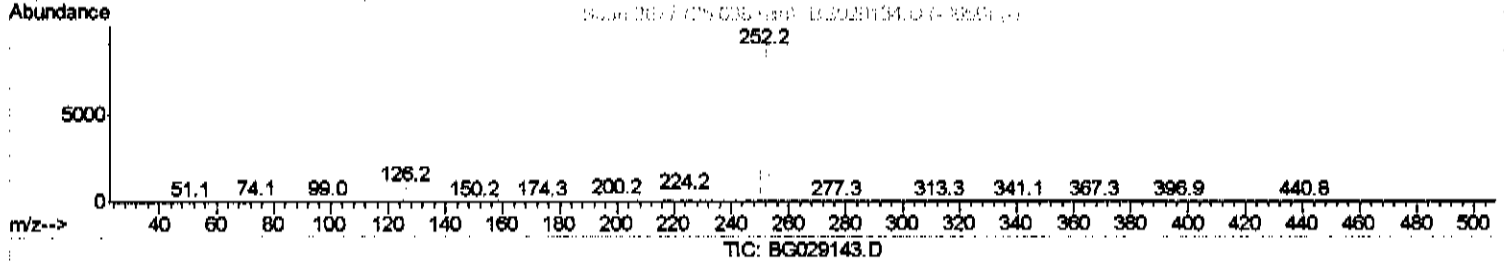
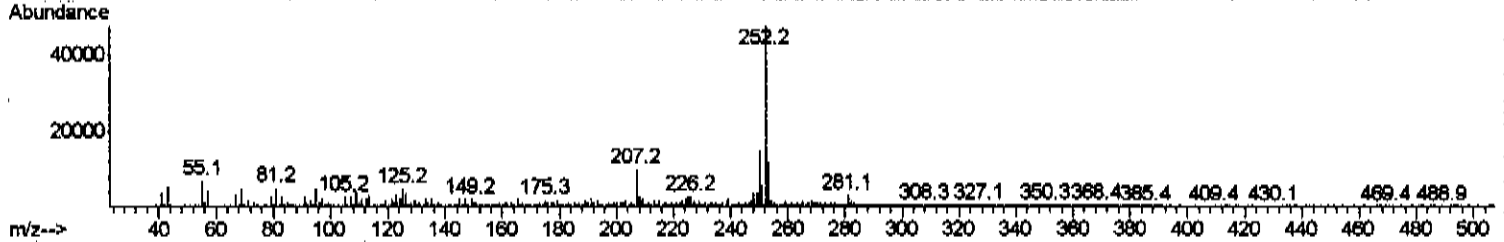
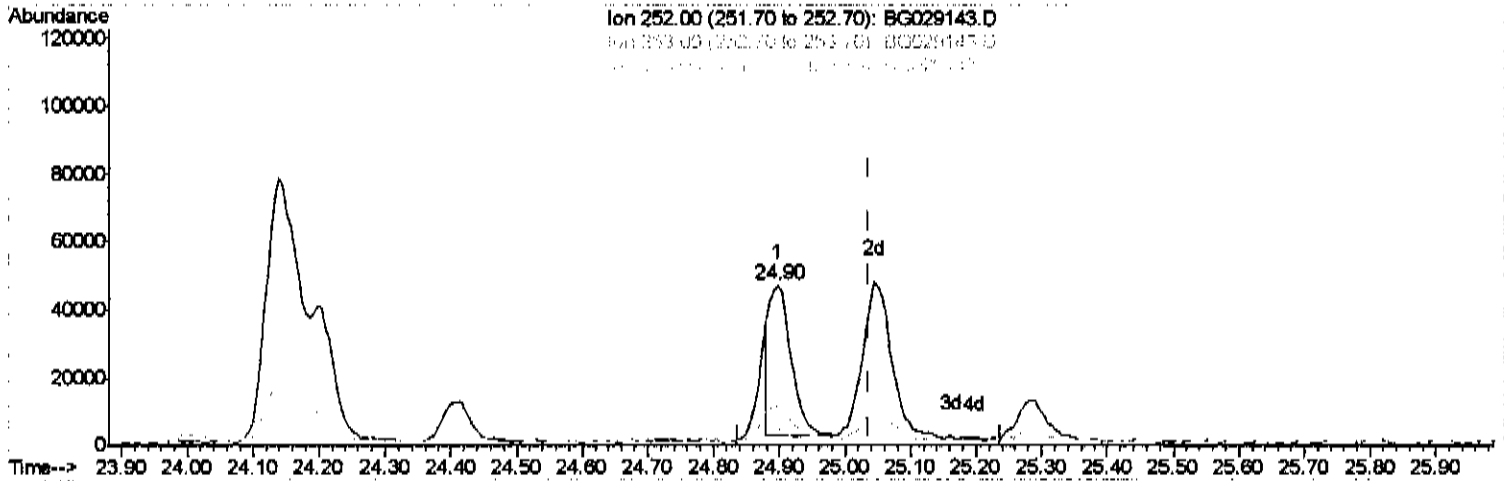
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(26) Benzo(a)pyrene (C)

24.897min (-0.140) 5.34ng/ul

response 101105

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.88
125.00	10.30	10.28
0.00	0.00	0.00

Quantitation Report (Qedit)

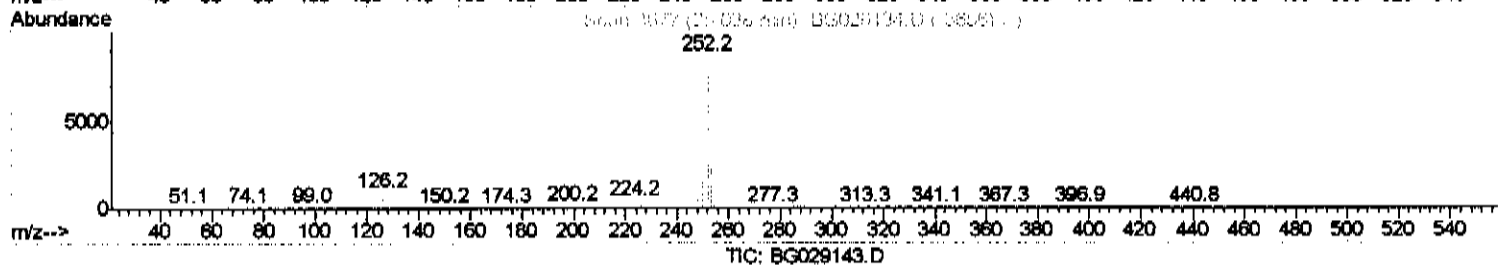
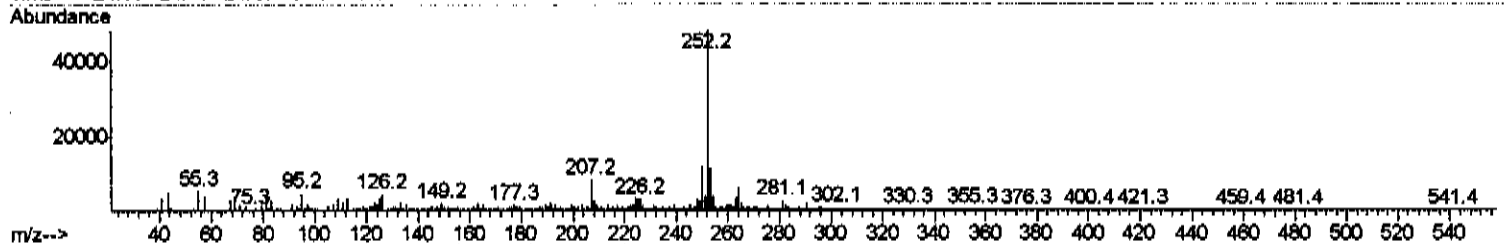
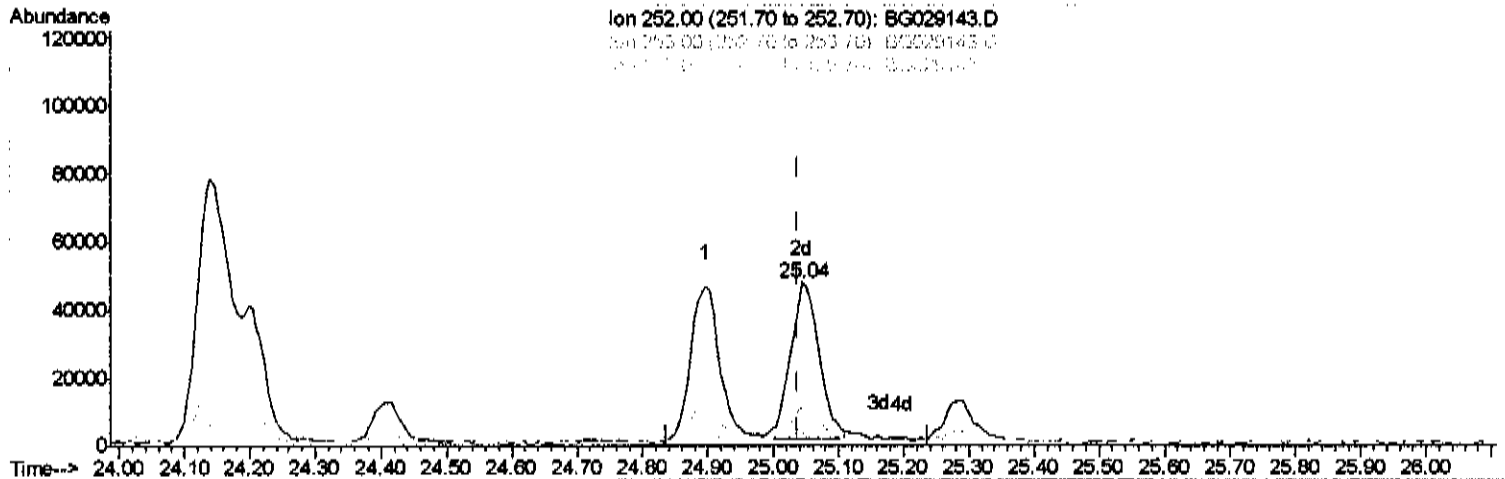
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029143.D
 Acq On : 10 Oct 2017 16:23
 Operator : SJ/JU
 Sample : I5577-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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(26) Benzo(a)pyrene (C)

25.044min (+0.006) 7.40ng/ul m

response 140026

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.87
125.00	10.30	7.30*
0.00	0.00	0.00

SJ/JU

Quantitation Report (Qedit)

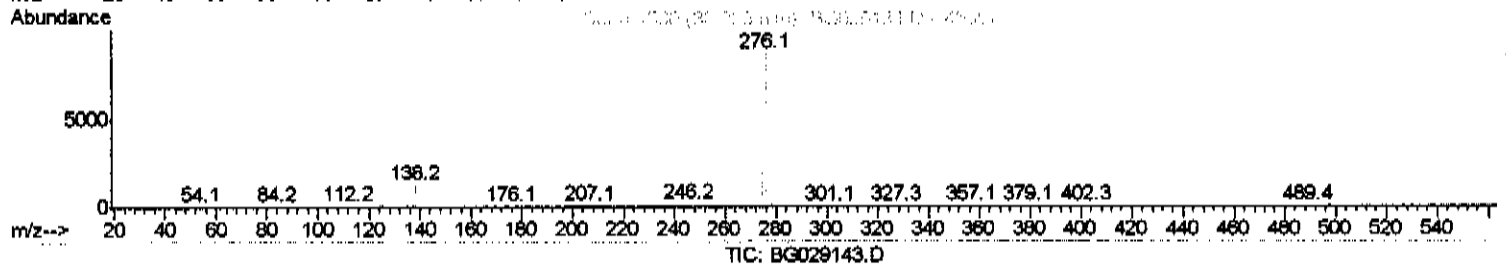
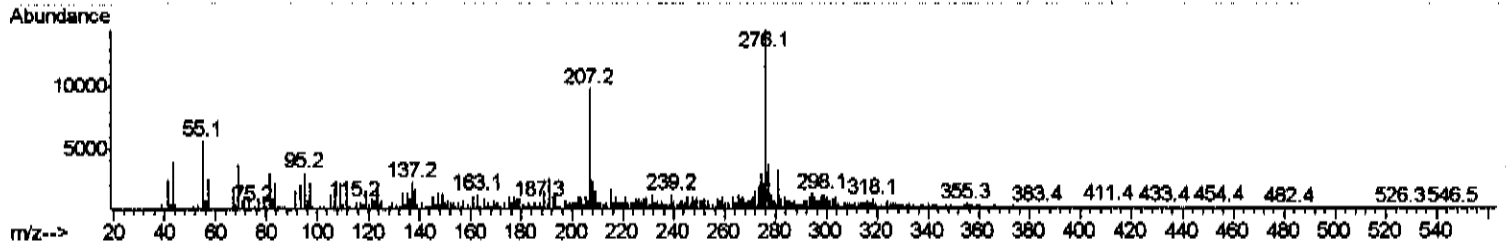
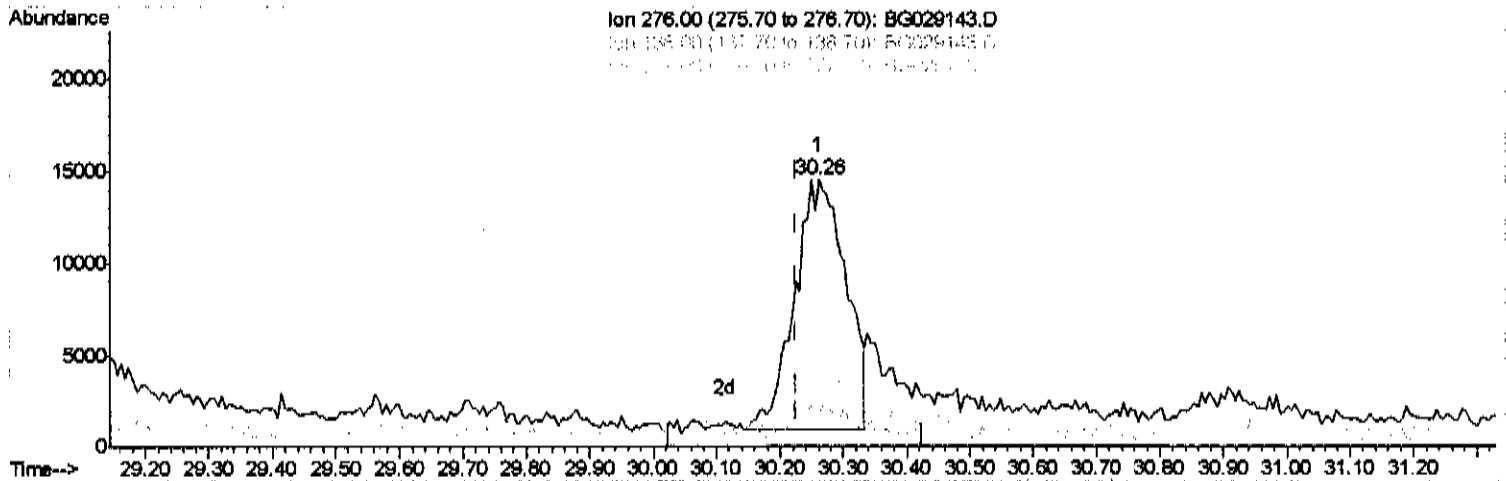
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(29) Benzo(g,h,i)perylene
 30.261min (+0.036) 4.33ng/ul
 response 76786

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	12.32#
277.00	23.70	25.70
0.00	0.00	0.00

Quantitation Report (Qedit)

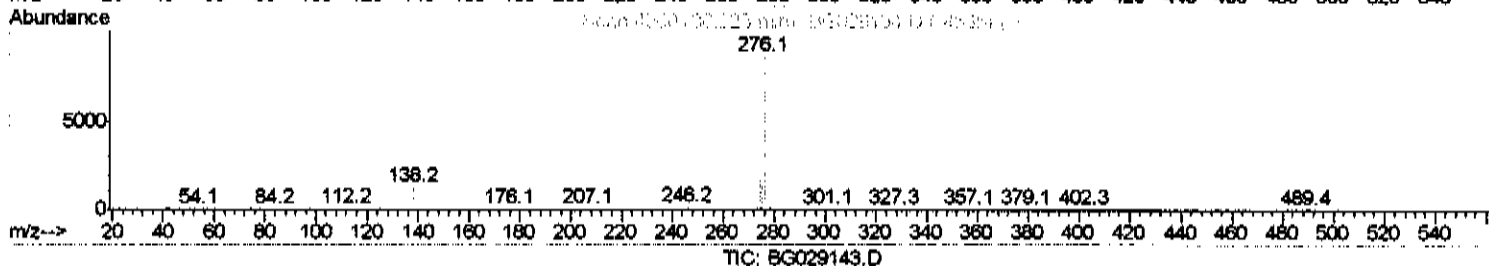
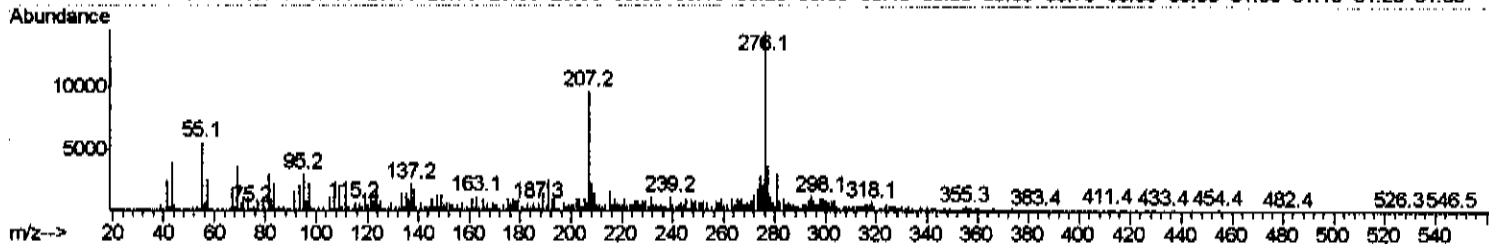
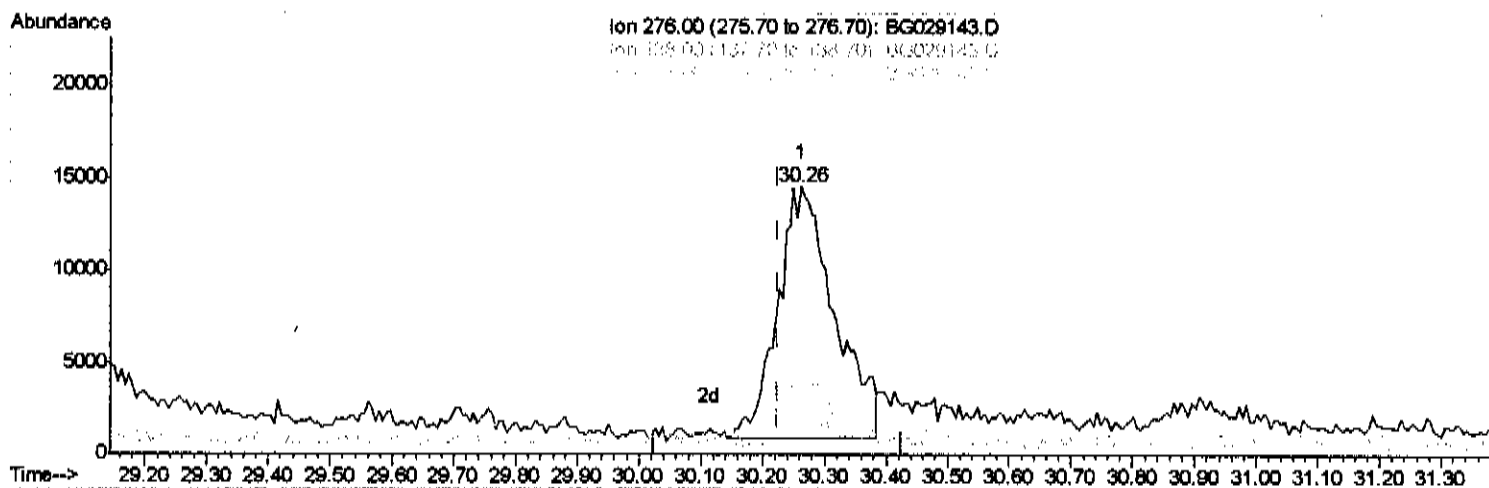
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
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(29) Benzo(g,h,i)perylene

30.261min (+0.036) 5.04ng/ul m

response 89316

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	12.32#
277.00	23.70	25.70
0.00	0.00	0.00

Quantitation Report (Qedit)

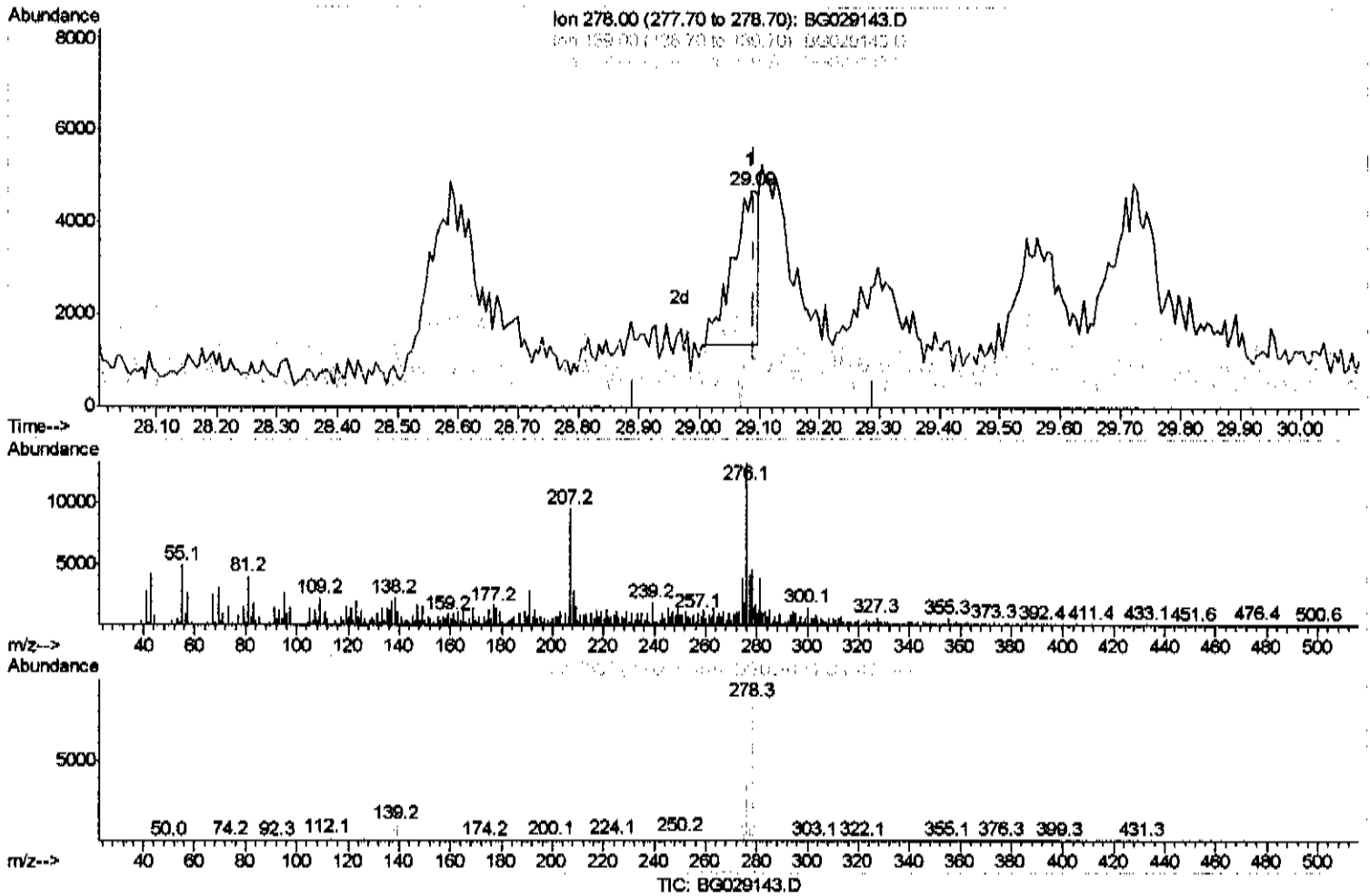
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029143.D
 Acq On : 10 Oct 2017 16:23
 Operator : SJ/JU
 Sample : I5577-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Sohil
 10/11/2017 3:34:25 PM

Quant Time: Oct 11 05:01:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:15:46 2017
 Response via : Initial Calibration



(28) Dibenzo(a,h)anthracene

29.086min (-0.005) 0.56ng/ul

response 9936

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	27.13#
279.00	24.00	37.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

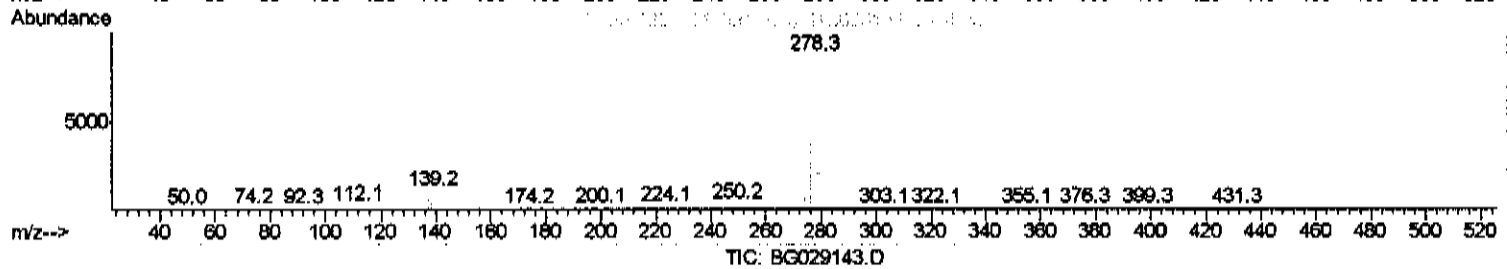
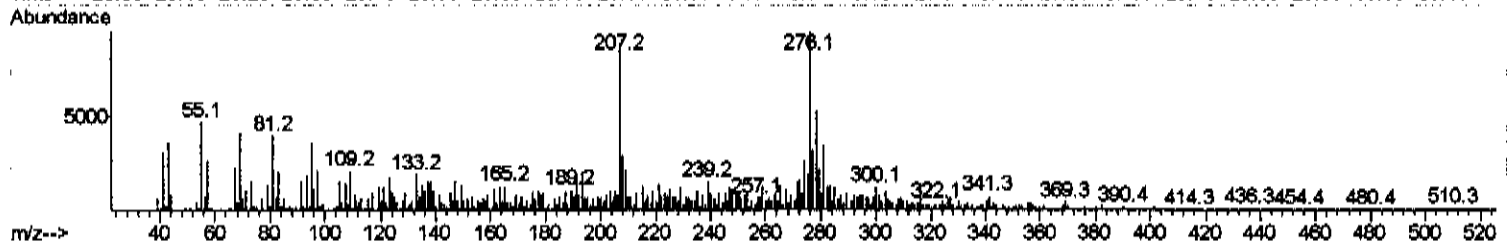
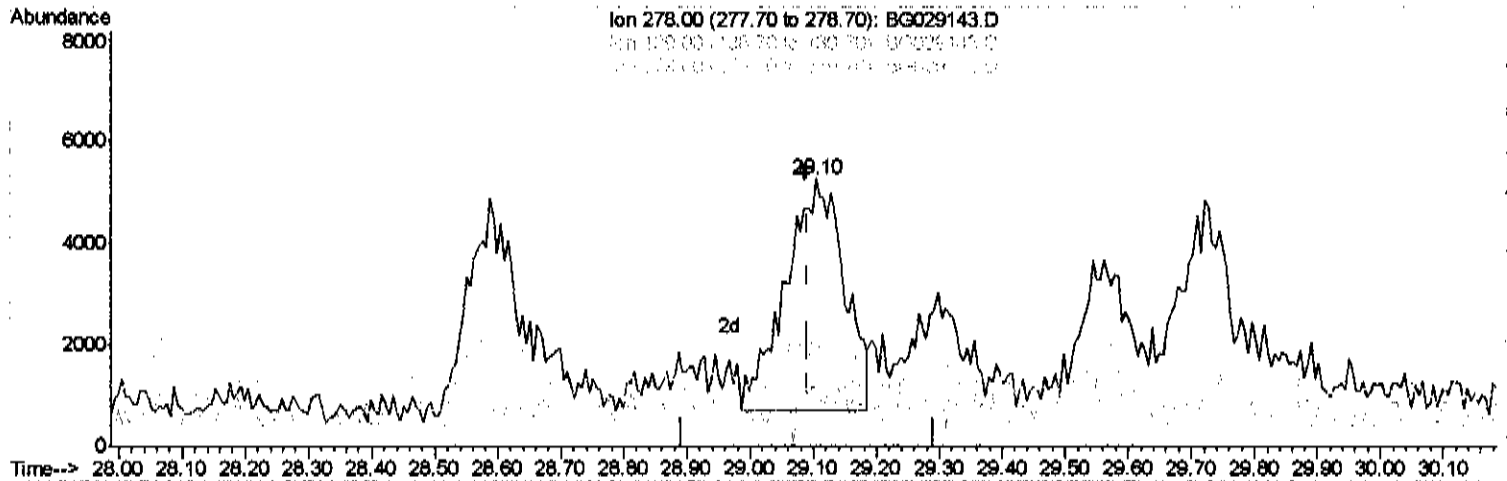
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(28) Dibenzo(a,h)anthracene

29.103min (+0.012) 1.68ng/ul m

response 29482

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	21.92%
279.00	24.00	43.09%
0.00	0.00	0.00

juv 10/11/17

Quantitation Report (QT Reviewed)

Instrument :
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Acq On : 10 Oct 2017 16:23
Operator : SJ/JU
Sample : I5577-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 11 05:02:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:15:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	53087	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	223745	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	148720	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	324705	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	339334	20.00	ng/ul	0.00
22) Perylene-d12	25.21	264	325841	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.52	160	339991	21.98	ng/ul	0.00
10) Fluorene-d10	15.82	176	251744	22.44	ng/ul	0.00
14) Anthracene-d10	17.67	188	368648	23.44	ng/ul	0.00
18) Pvrene-d10	19.93	212	411669	23.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.98	264	370930	23.76	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) 2-Methylnaphthalene	12.68	142	11790	1.334	ng/ul	83
5) 1-Methylnaphthalene	12.89	142	10285	1.219	ng/ul	87
13) Phenanthrene	17.61	178	109087	6.298	ng/ul	97
16) Fluoranthene	19.60	202	257847	12.700	ng/ul#	89
19) Pyrene	19.96	202	219864	10.394	ng/ul#	91
20) Benzo(a)anthracene	21.83	228	141964m	7.104	ng/ul	98
21) Chrysene	21.90	228	188032	10.276	ng/ul	98
23) Benzo(b)fluoranthene	24.14	252	261927	13.437	ng/ul#	95
24) Benzo(k)fluoranthene	24.20	252	92409m	4.857	ng/ul	91
26) Benzo(a)pyrene	25.04	252	140026m	7.396	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	29.06	276	97527	4.539	ng/ul#	91
28) Dibenzo(a,h)anthracene	29.10	278	29482m	1.657	ng/ul	91
29) Benzo(g,h,i)perylene	30.26	276	89316m	5.040	ng/ul	91

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