

Quantitation Report (QT Reviewed)

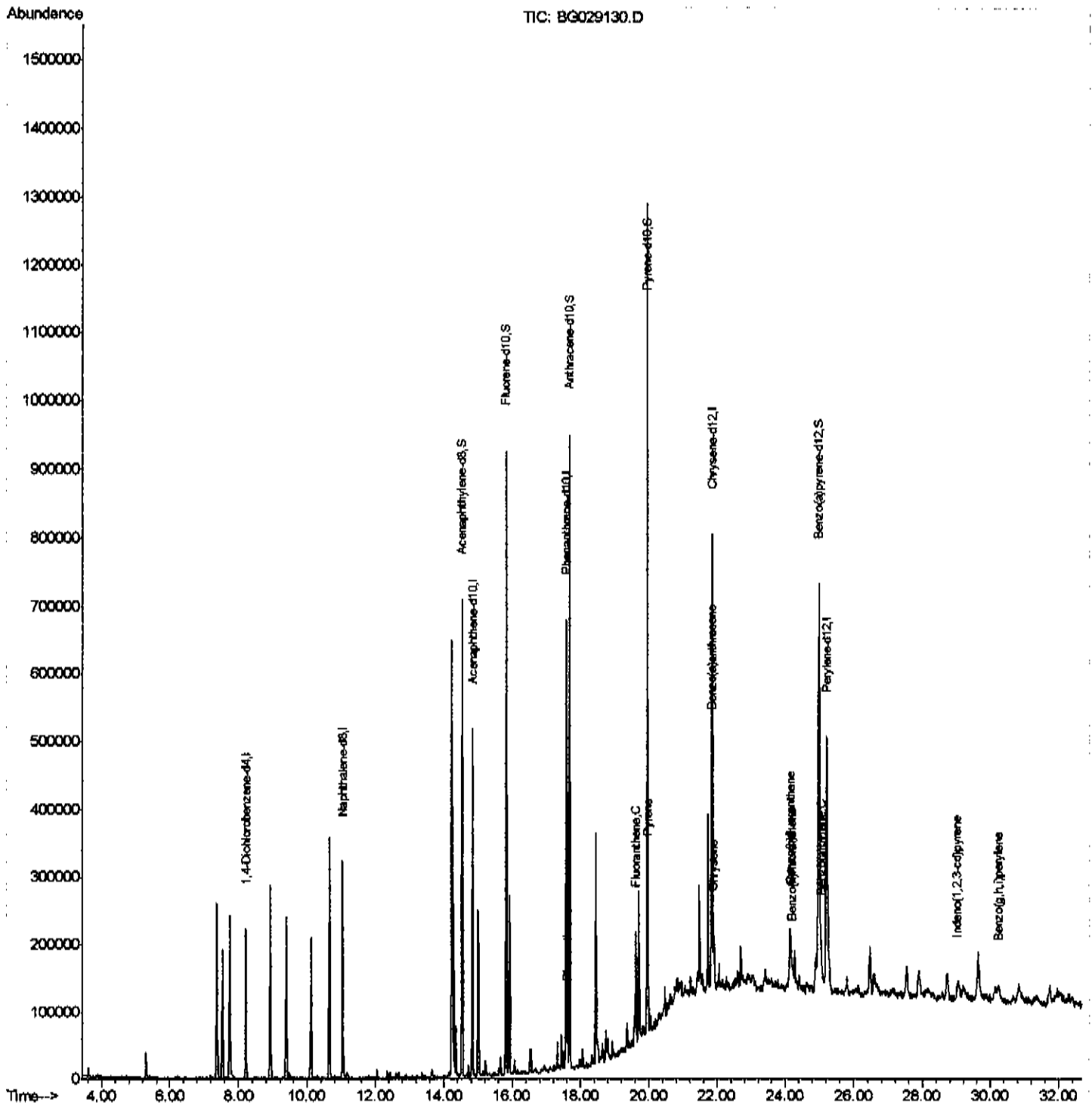
Instrument :
BNA_G
ClientSampleId :
DAH97

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029130.D
Acq On : 10 Oct 2017 5:58
Operator : SJ/JU
Sample : I5576-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
10/10/2017 5:04:11 PM

Quant Time: Oct 10 08:15:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 06:24:09 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

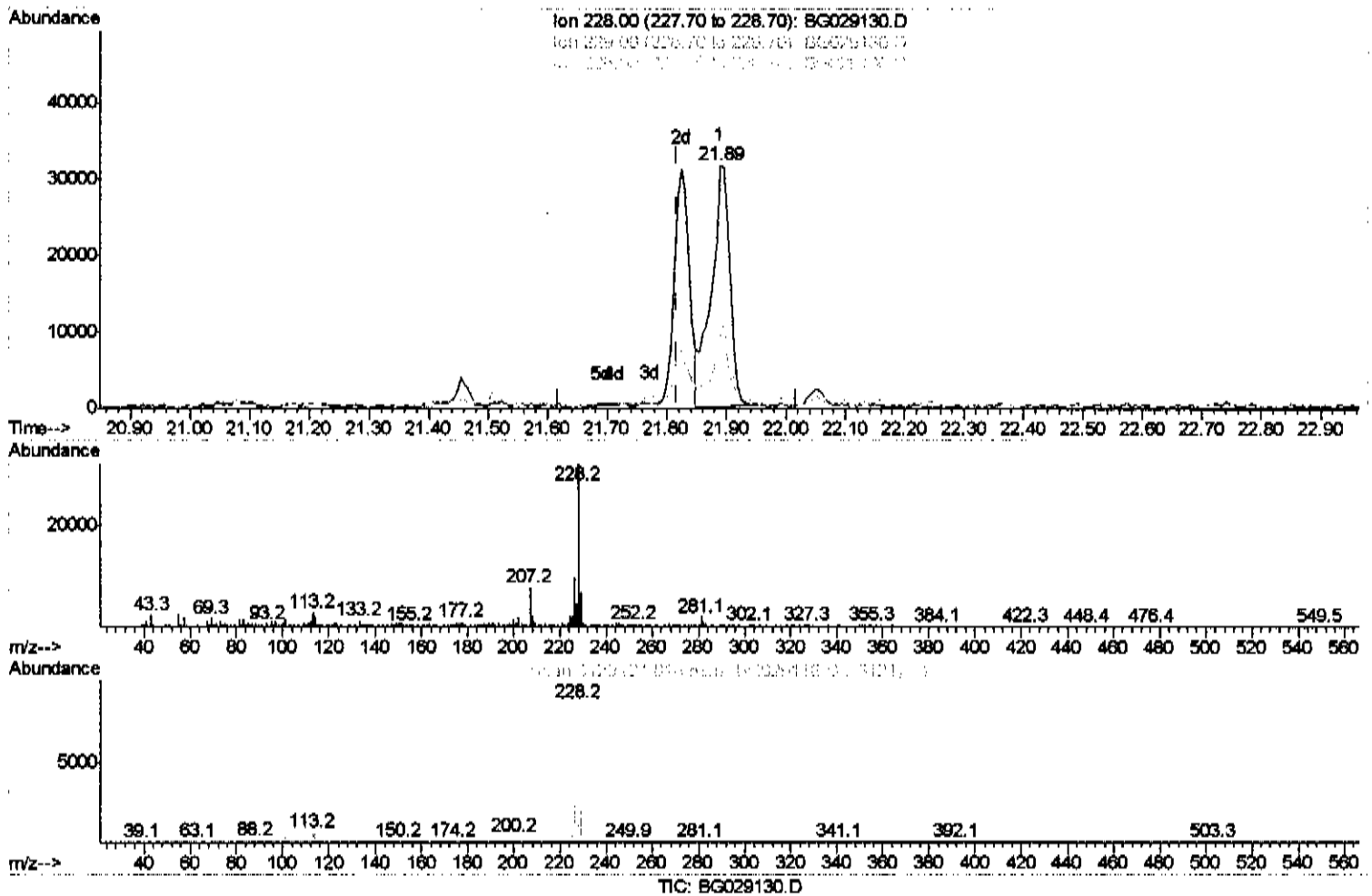
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(20) Benzo(a)anthracene

21.889min (+0.071) 2.76ng/ul

response 67730

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.88
226.00	26.40	30.56
0.00	0.00	0.00

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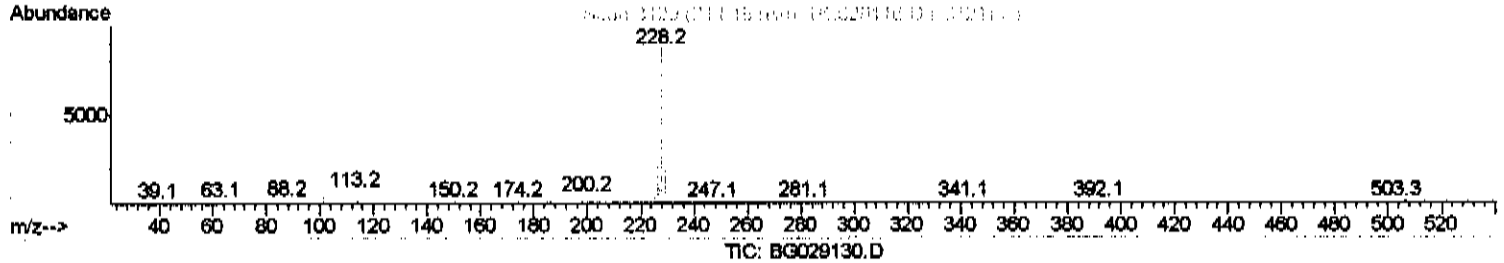
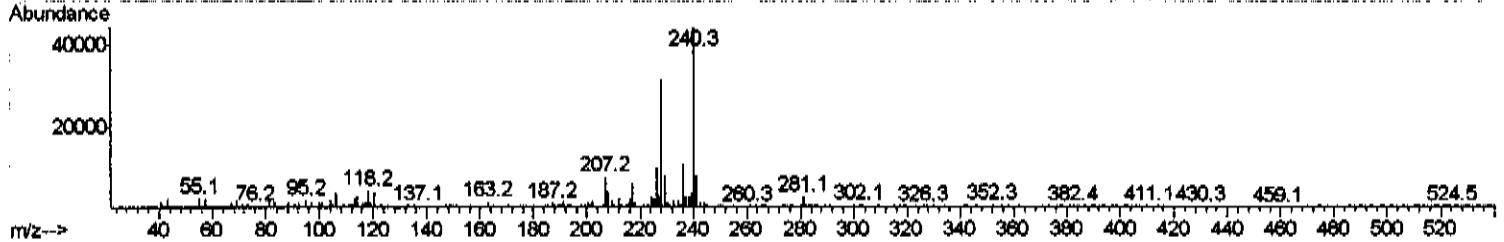
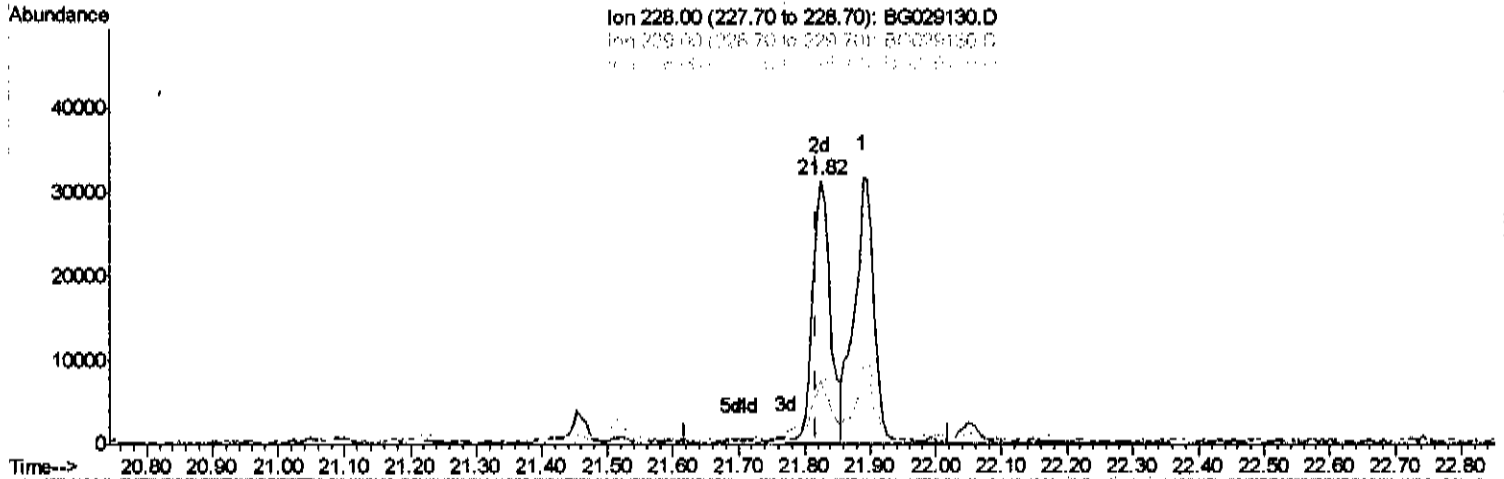
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(20) Benzo(a)anthracene

21.824min (+0.006) 2.43ng/ul m

response 59757

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	24.70%
226.00	26.40	30.95
0.00	0.00	0.00

21/10/17

Quantitation Report (Qedit)

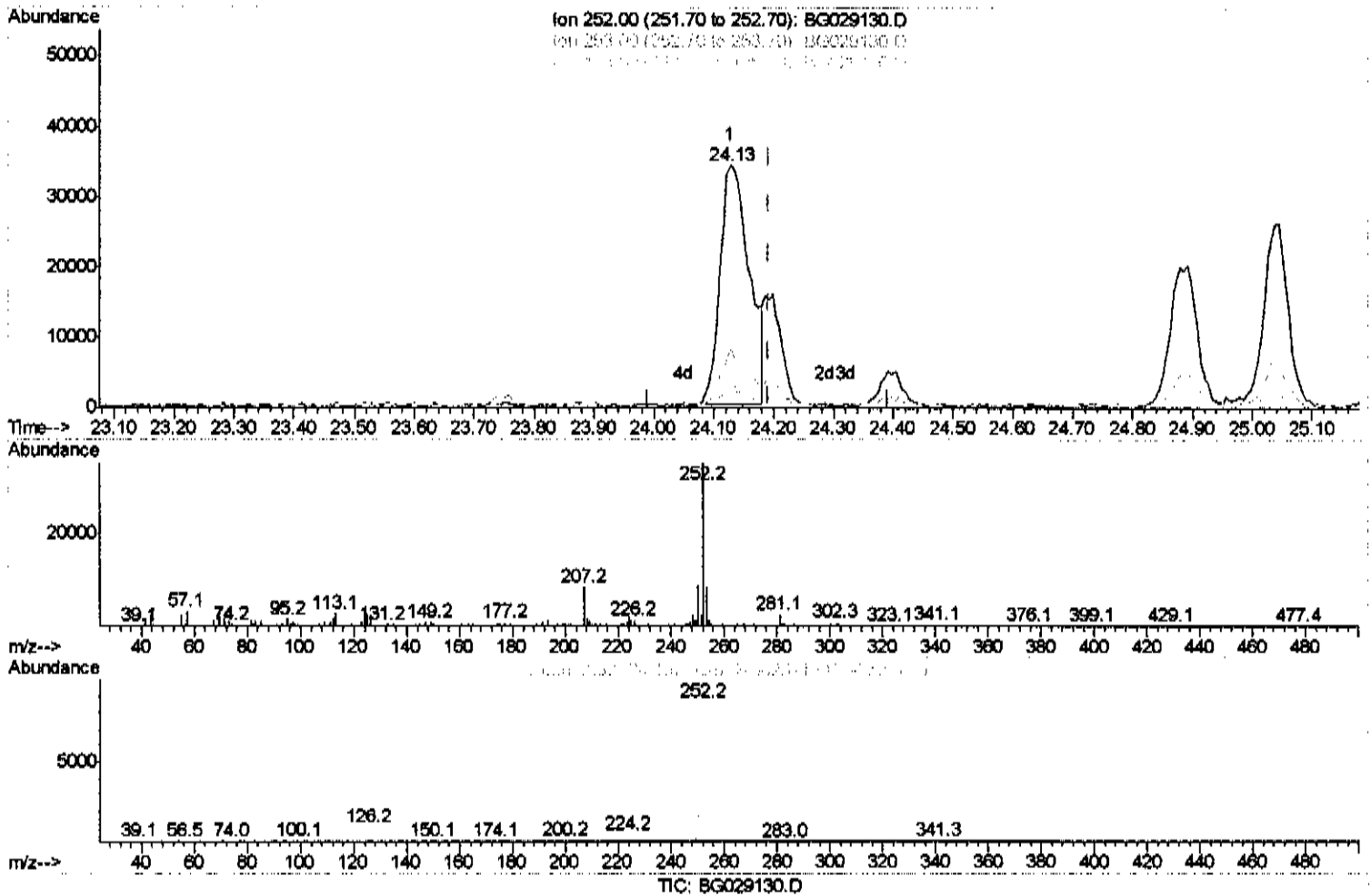
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(24) Benzo(k)fluoranthene
 24.127min (-0.065) 4.53ng/ul
 response 116656

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.47
125.00	10.10	7.54#
0.00	0.00	0.00

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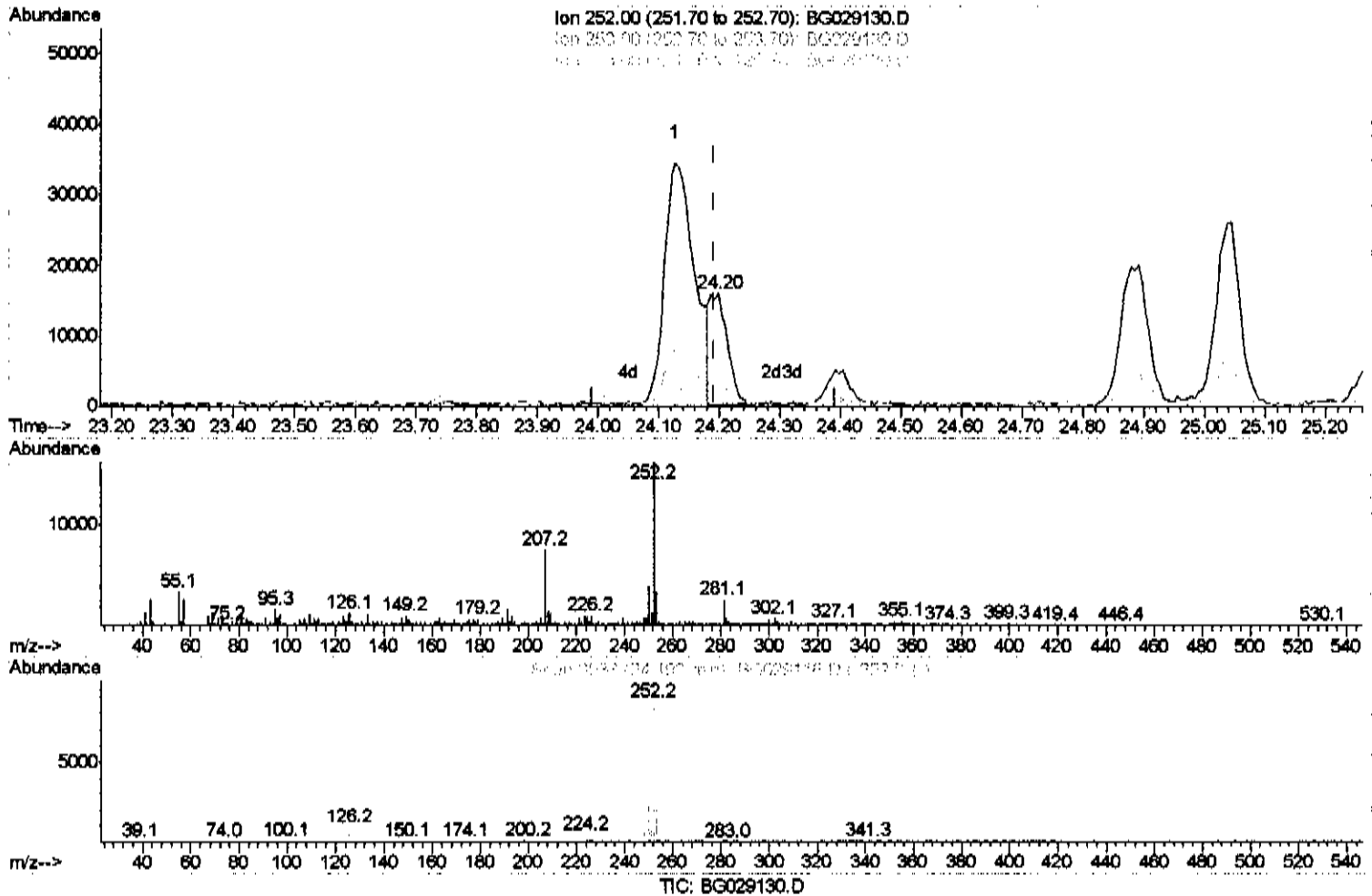
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(24) Benzo(k)fluoranthene

24.197min (+0.006) 1.20ng/ul m

response 30952

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.15
125.00	10.10	7.77#
0.00	0.00	0.00

ju 10/11/17

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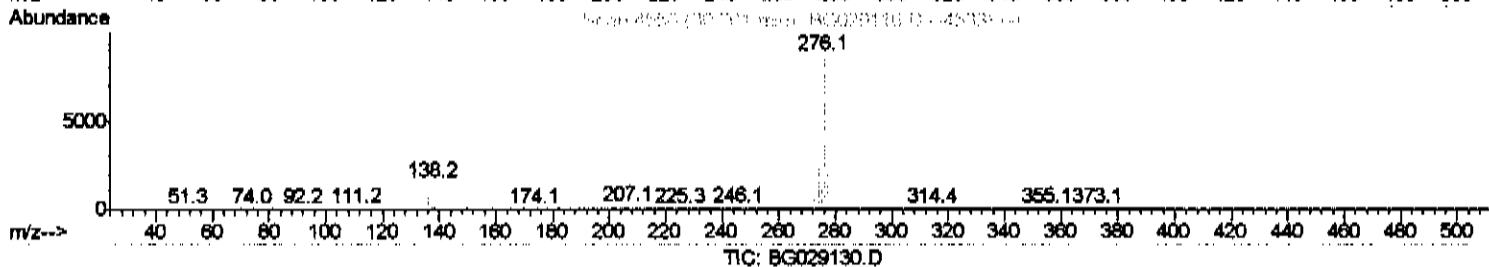
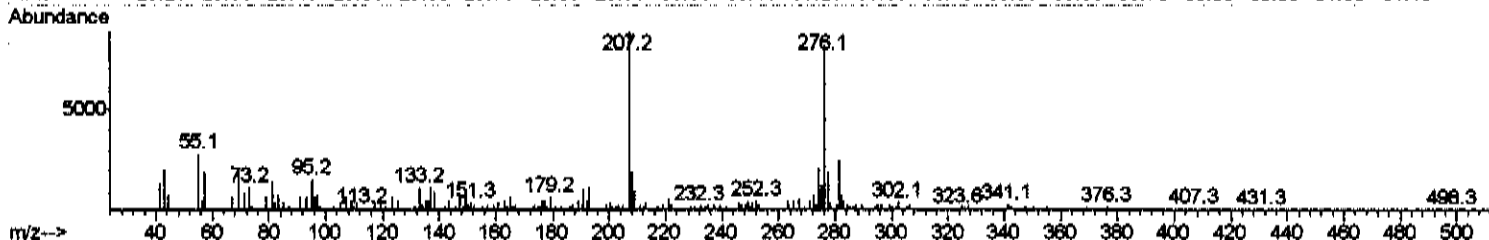
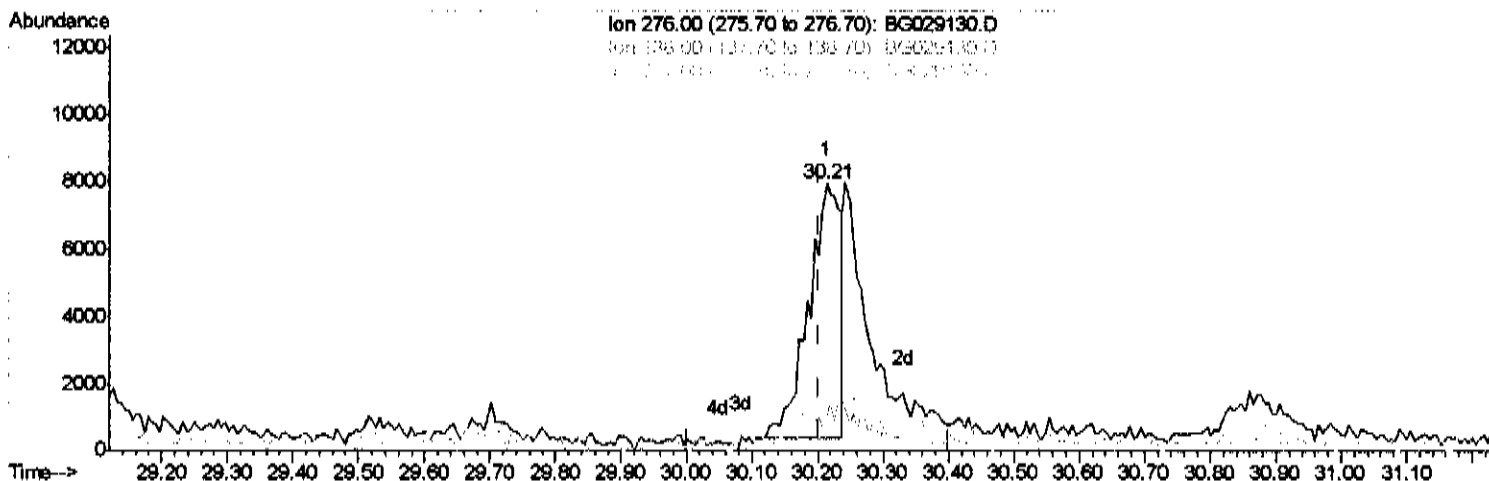
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(29) Benzo(g,h,i)perylene

30.213min (+0.012) 1.08ng/ul

response 25833

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	12.87#
277.00	23.70	25.34
0.00	0.00	0.00

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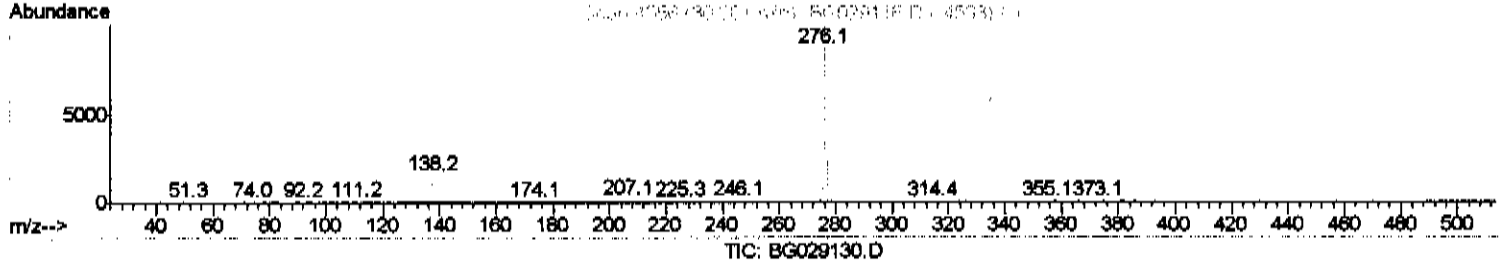
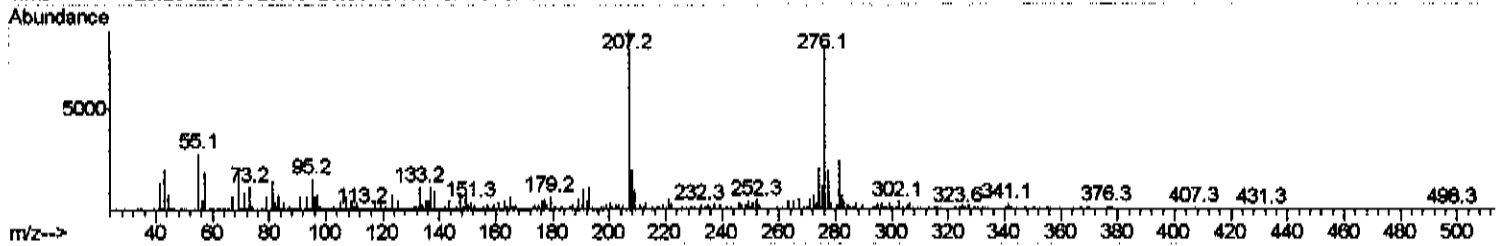
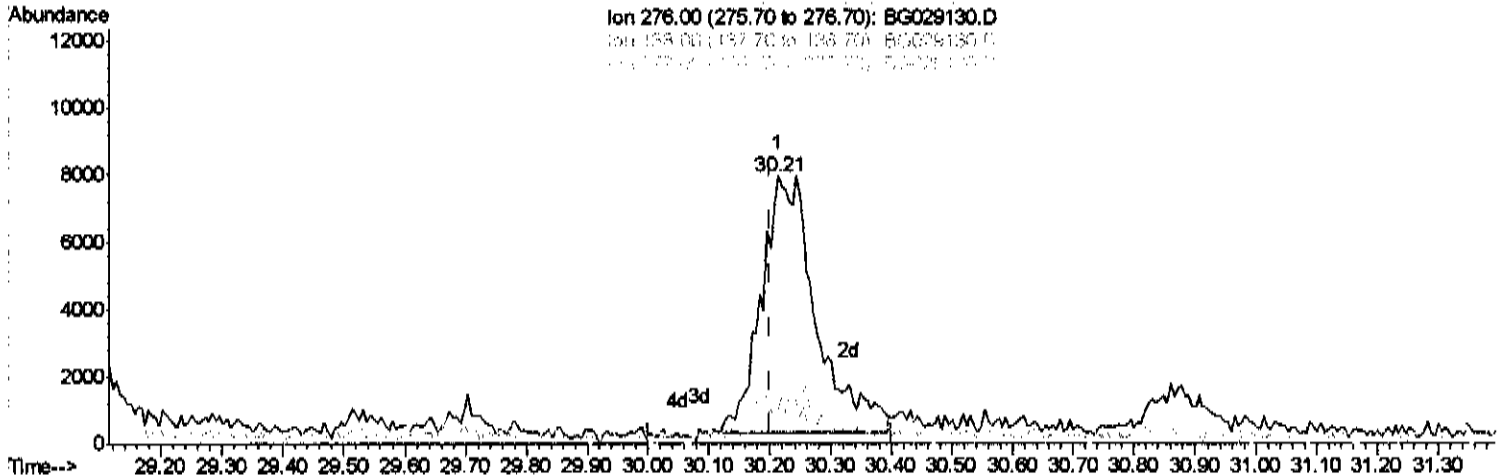
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(29) Benzo(g,h,i)perylene

30.213min (+0.012) 2.00ng/ul m

response 47855

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	12.87%
277.00	23.70	25.34
0.00	0.00	0.00

SJ 10/11/17

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Internal Standards	R.T.	QI on	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	64127	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	271515	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	179855	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	399121	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	416717	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	440922	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QI on	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.52	160	533885	28.54	ng/ul	0.00
10) Fluorene-d10	15.81	176	403833	29.77	ng/ul	0.00
14) Anthracene-d10	17.67	188	564064	29.18	ng/ul	0.00
18) Pvrene-d10	19.94	212	684262	32.09	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.97	264	649592	30.75	ng/ul	0.02

Target Compounds	R.T.	QI on	Response	Conc	Units	Ovalue
13) Phenanthrene	17.61	178	40908	1.922	ng/ul	95
16) Fluoranthene	19.60	202	92449	3.704	ng/ul#	90
19) Pyrene	19.96	202	80337	3.093	ng/ul#	90
20) Benzo(a)anthracene	21.82	228	59757m	2.435	ng/ul	95
21) Chrysene	21.89	228	67593	3.008	ng/ul	98
23) Benzo(b)fluoranthene	24.13	252	112552	4.267	ng/ul#	95
24) Benzo(k)fluoranthene	24.20	252	30952m	1.202	ng/ul	95
26) Benzo(a)pyrene	25.04	252	73535	2.870	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.02	276	55283	1.901	ng/ul#	94
29) Benzo(g,h,i)perylene	30.21	276	47855m	1.996	ng/ul	95

Handwritten notes: JU 10/11/17, JU 10/11/17, JU 10/11/17

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