

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031717\
Data File : BG026277.D
Acq On : 17 Mar 2017 11:23
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 17 14:44:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 17 14:43:33 2017
Response via : Initial Calibration

Instrument :

BNA_G

LabSampleId :

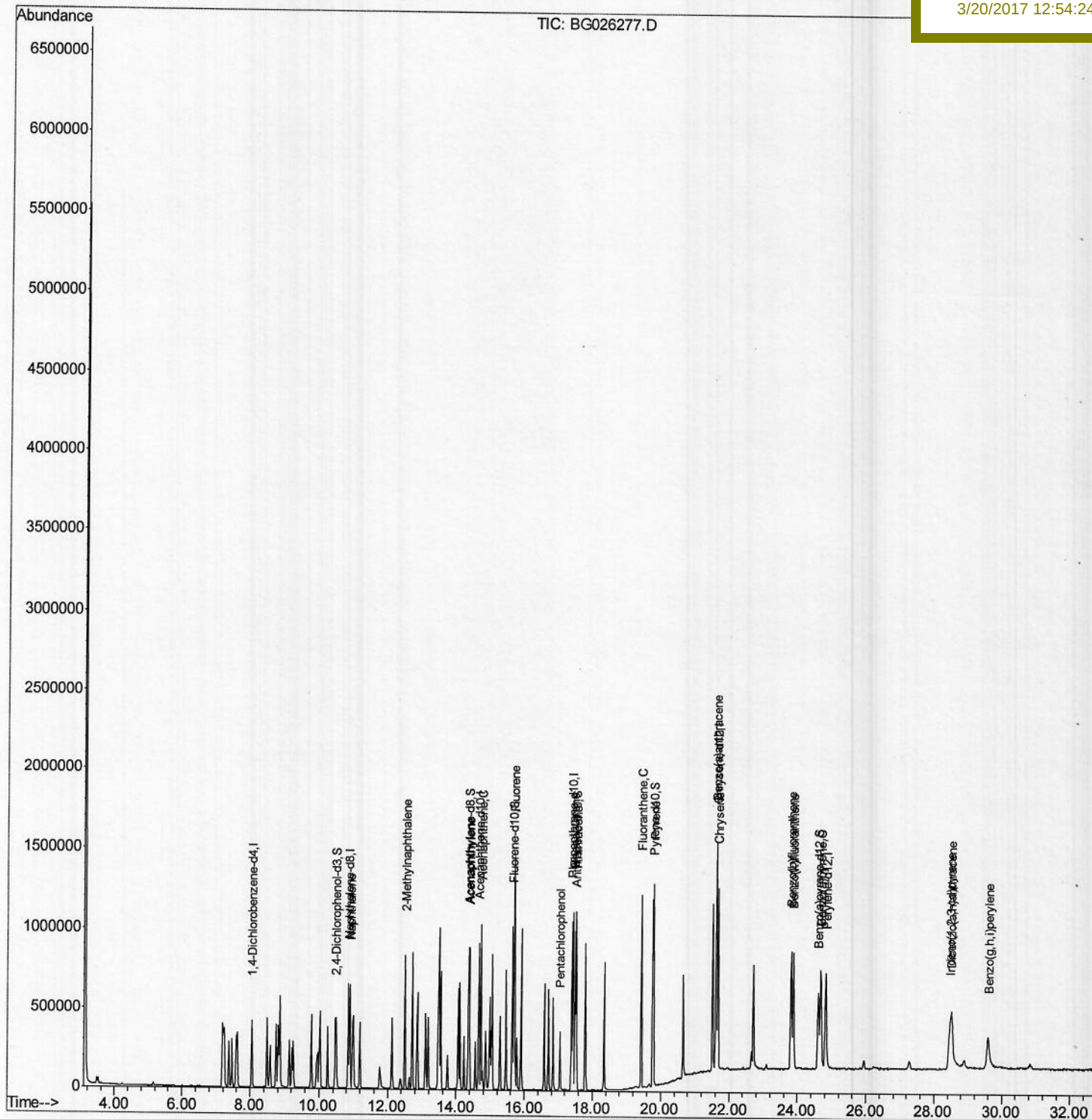
SSTD02030

Manual Integrations

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Quantitation Report (Qedit)

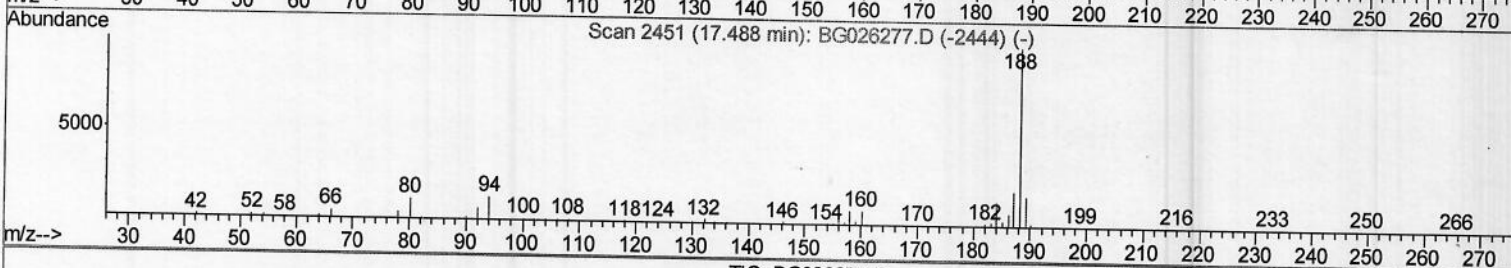
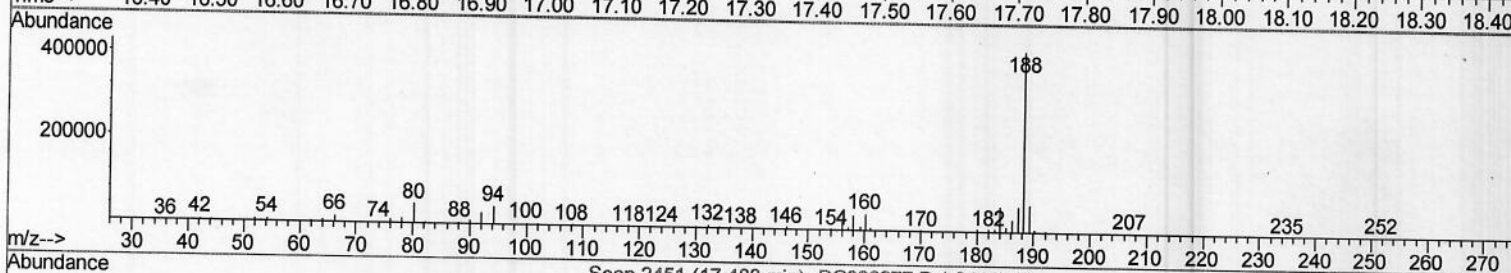
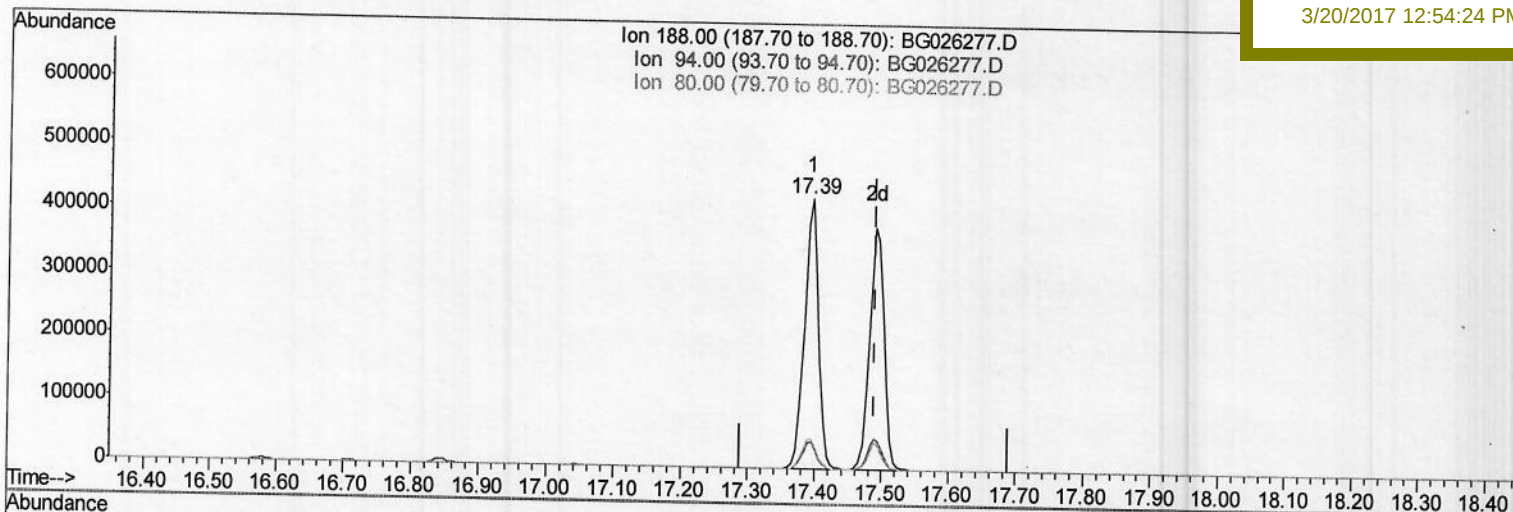
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TIC: BG026277.D

(15) Anthracene-d10 (S)

17.394min (-0.094) 22.50ng/ul

response 617209

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.94
80.00	9.10	10.91
0.00	0.00	0.00

Quantitation Report (Qedit)

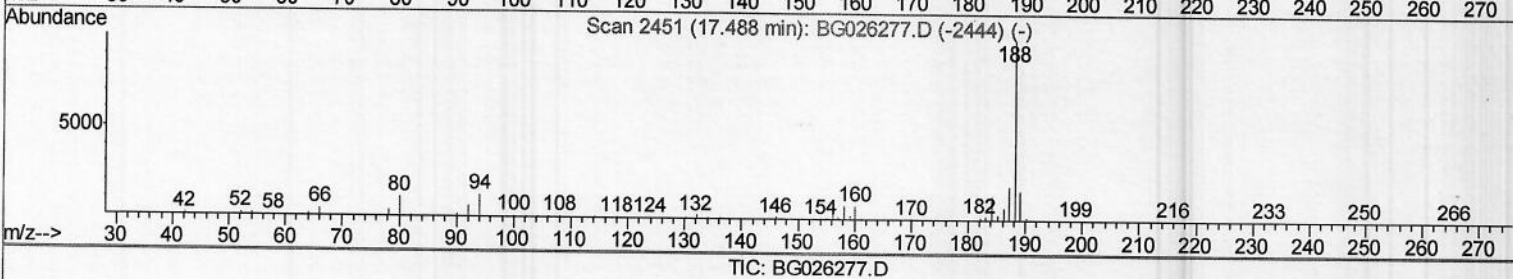
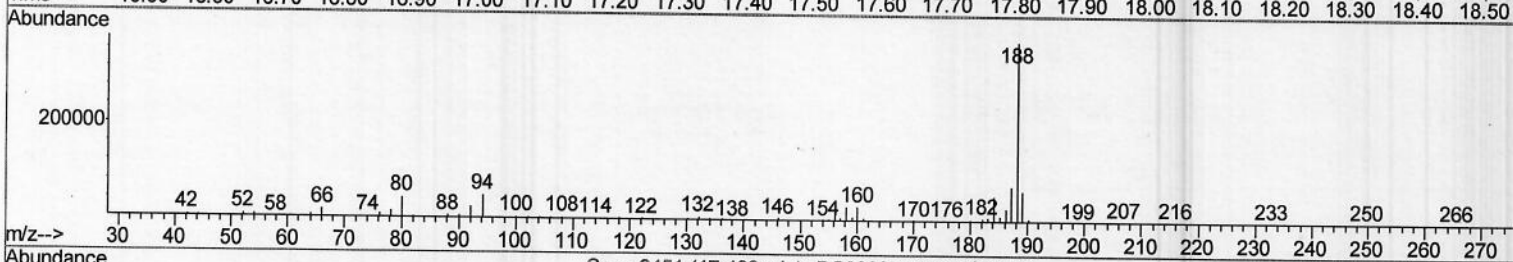
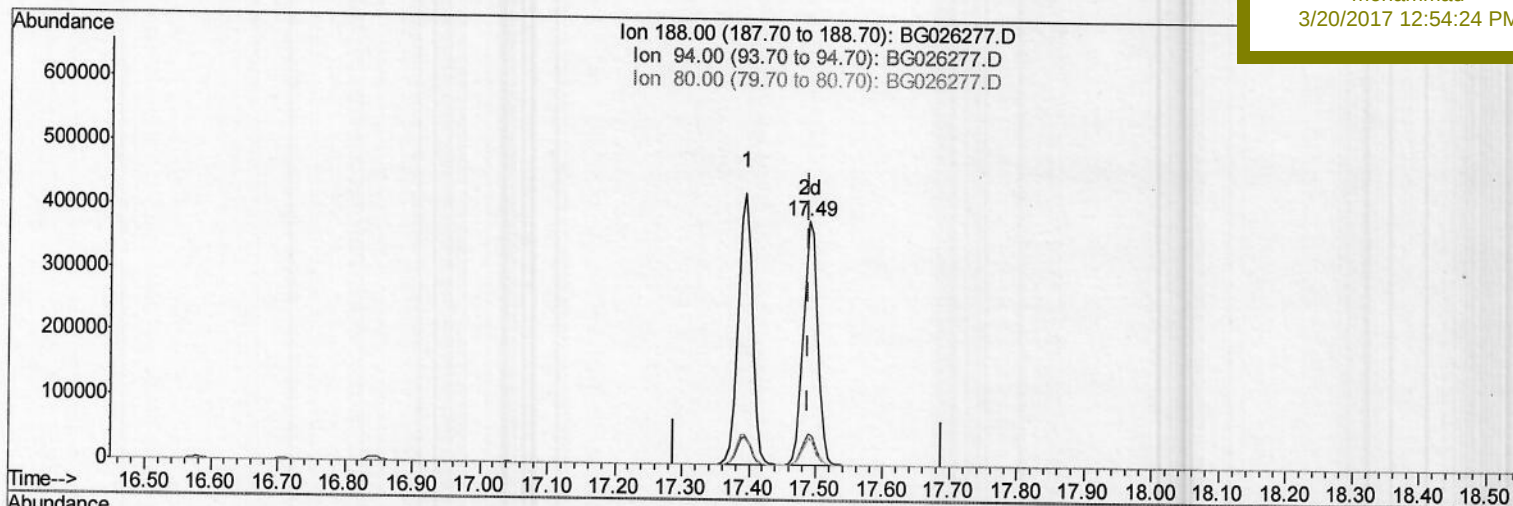
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(15) Anthracene-d10 (S)

17.488min (0.000) 20.89ng/ul m

response 573061

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.52#
80.00	9.10	11.31#
0.00	0.00	0.00

SJ
 03/20/2017

Quantitation Report (Qedit)

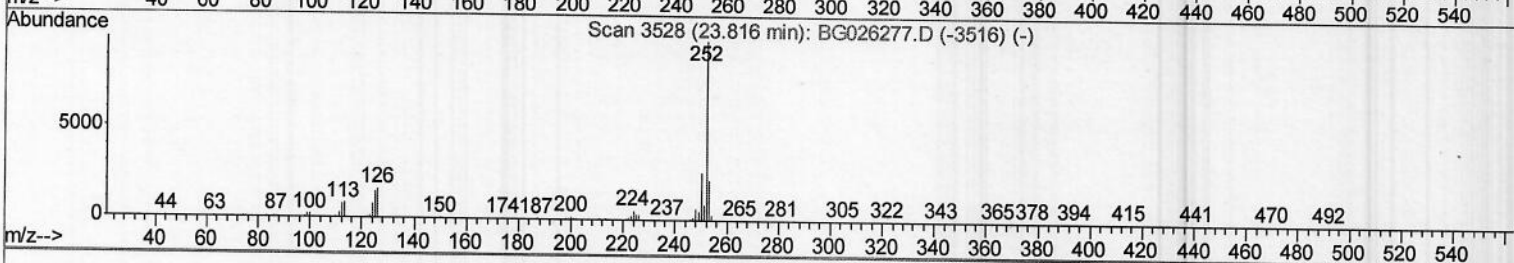
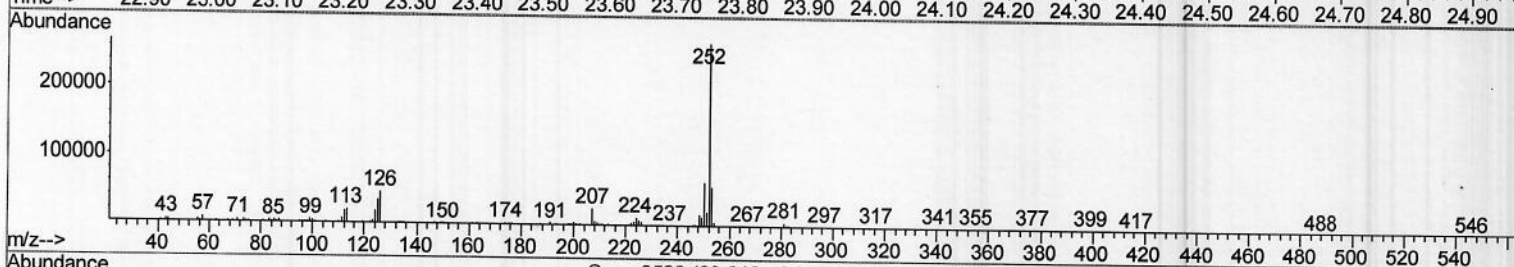
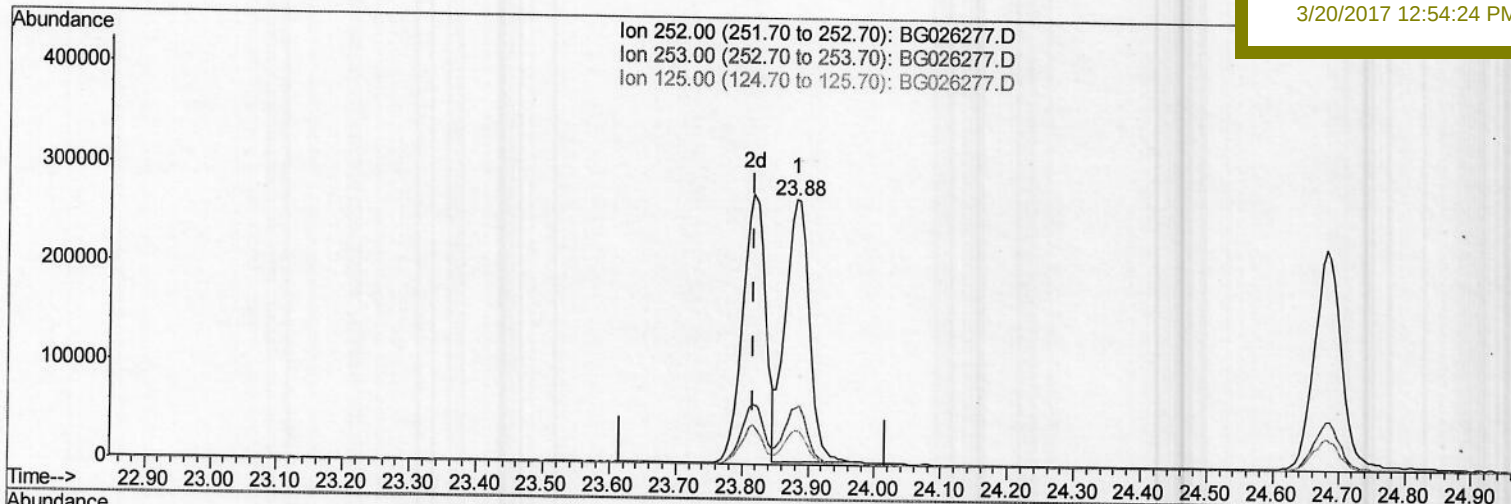
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TIC: BG026277.D

(24) Benzo(b)fluoranthene

23.881min (+0.065) 21.73ng/ui

response 675374

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	21.40
125.00	11.70	12.88
0.00	0.00	0.00

Quantitation Report (Qedit)

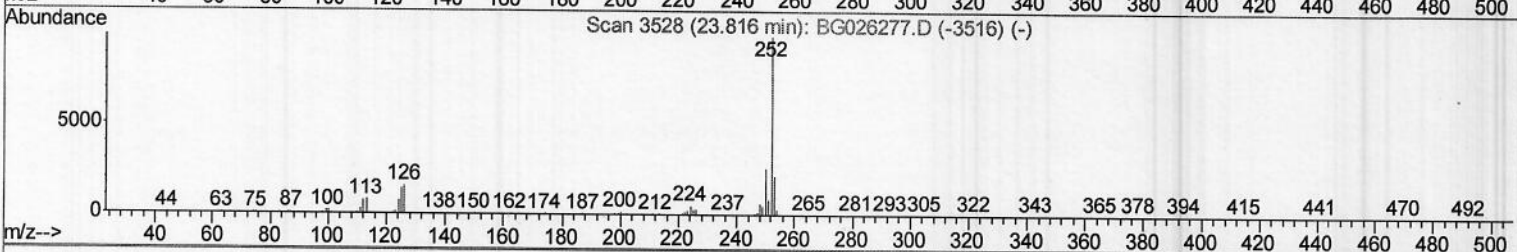
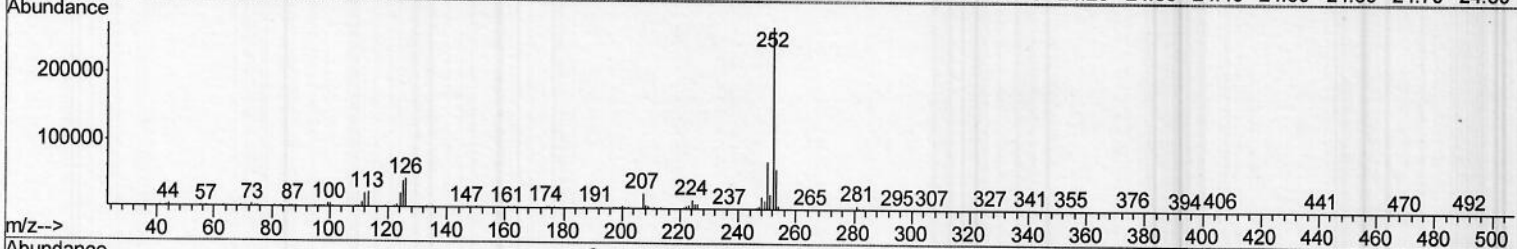
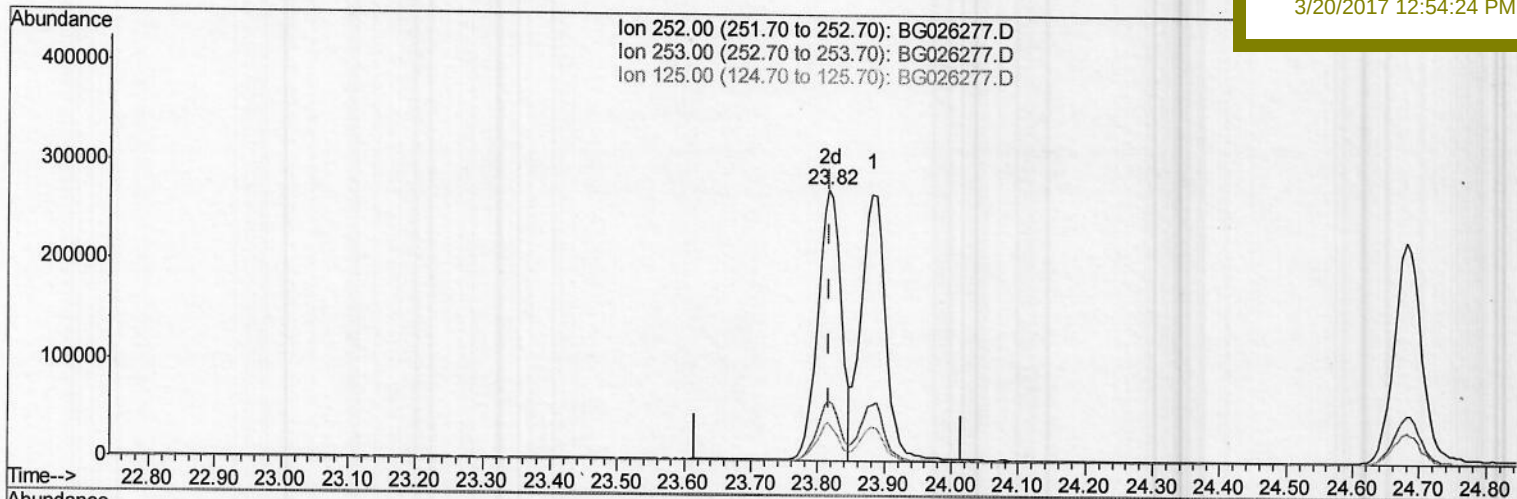
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Manual Integrations
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TIC: BG026277.D

(24) Benzo(b)fluoranthene

23.816min (0.000) 21.36ng/ul m

response 663738

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.29
125.00	11.70	14.38#
0.00	0.00	0.00

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 03/20/2017

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	124544	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	573593	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	311395	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	617209	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	613922	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	547377	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	166501	19.60	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	621193	23.40	ng/ul	0.00
10) Fluorene-d10	15.65	176	418672	21.62	ng/ul	0.00
15) Anthracene-d10	17.49	188	573061m	20.89	ng/ul	0.00
19) Pyrene-d10	19.77	212	576840	18.41	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	515018	21.82	ng/ul	0.00
Target Compounds						
					Qvalue	
4) Naphthalene	10.91	128	574296	20.47	ng/ul	100
5) 2-Methylnaphthalene	12.50	142	424519	20.40	ng/ul	95
8) Acenaphthylene	14.39	152	628453	23.17	ng/ul	99
9) Acenaphthene	14.73	153	441736	23.05	ng/ul	97
11) Fluorene	15.70	166	478046	22.10	ng/ul	98
13) Pentachlorophenol	17.05	266	63527	16.05	ng/uL	100
14) Phenanthrene	17.44	178	691354	21.14	ng/ul	100
16) Anthracene	17.52	178	698726	21.15	ng/ul	99
17) Fluoranthene	19.43	202	737744	21.73	ng/ul	97
20) Pyrene	19.80	202	752207	19.25	ng/ul	98
21) Benzo(a)anthracene	21.62	228	705047	20.64	ng/ul	98
22) Chrysene	21.69	228	651830	20.44	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	663738m	21.36	ng/ul	98
25) Benzo(k)fluoranthene	23.88	252	675374	22.76	ng/ul	98
27) Benzo(a)pyrene	24.68	252	652574	22.60	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.47	276	590349	18.51	ng/ul#	95
29) Dibenzo(a,h)anthracene	28.52	278	477226	18.87	ng/ul	97
30) Benzo(g,h,i)perylene	29.60	276	421965	15.46	ng/ul	96

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