

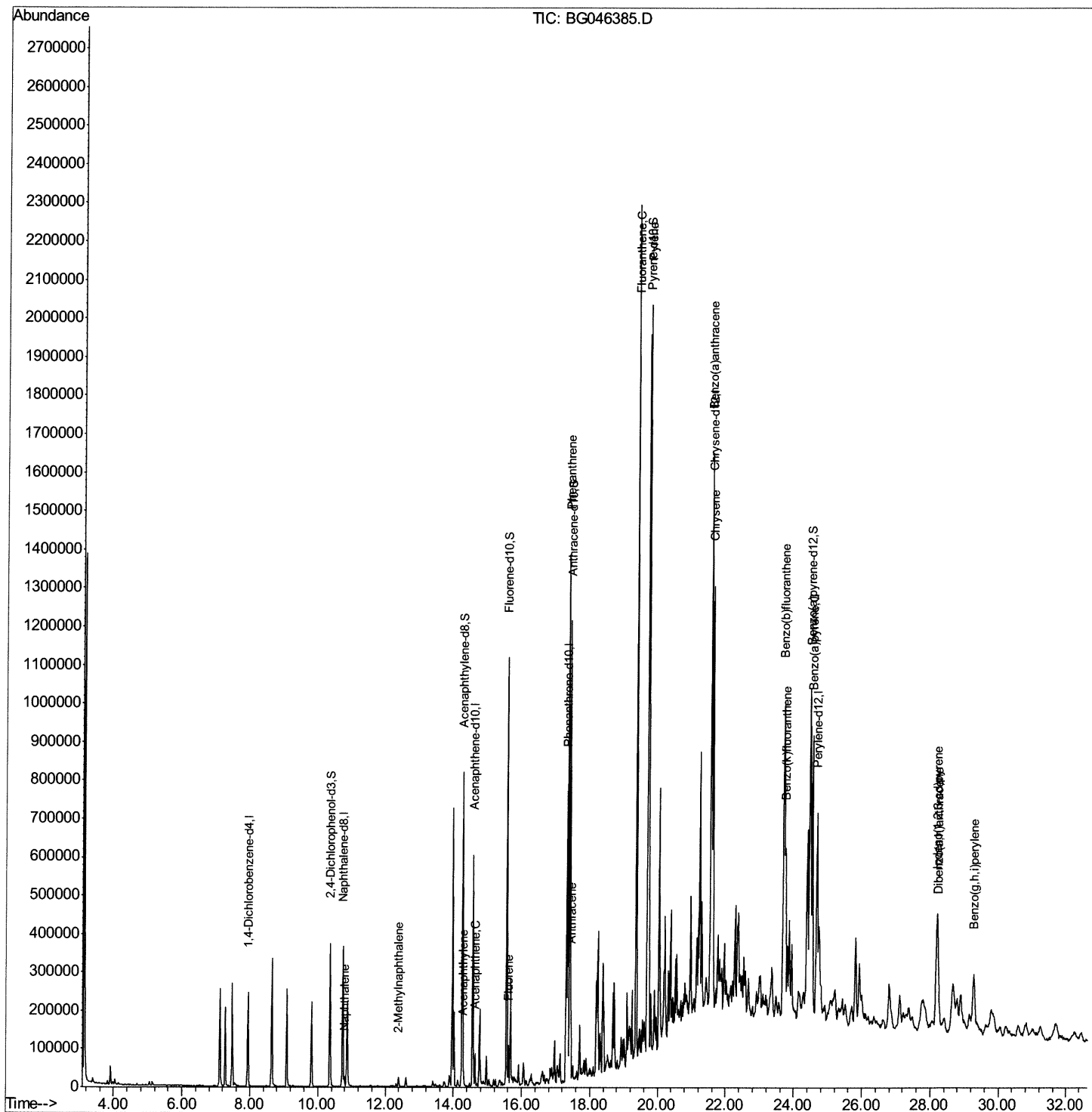
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMG4

Manual Integrations
APPROVED

mohammad
8/21/2020 12:47:41 PM

Quant Time: Aug 21 01:03:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 00:37:00 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

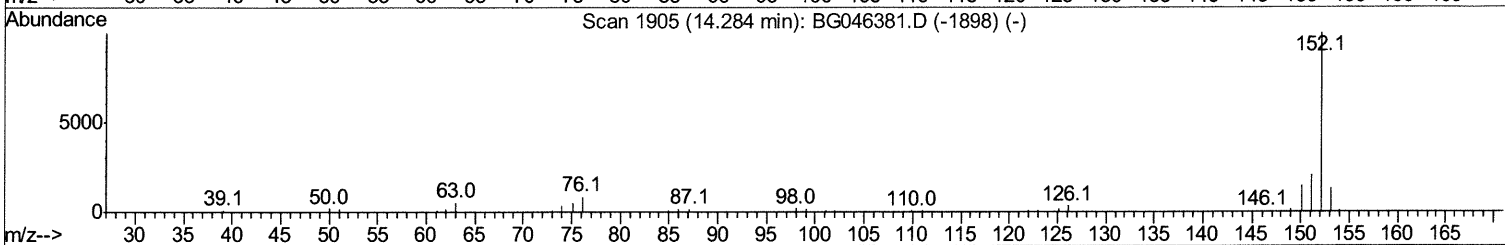
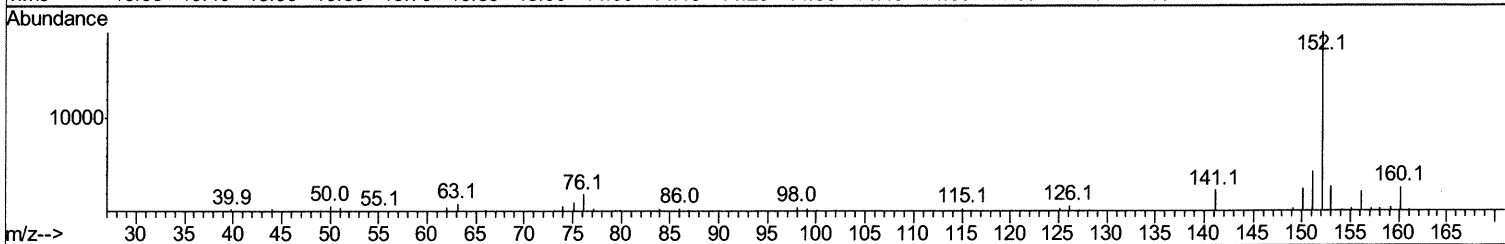
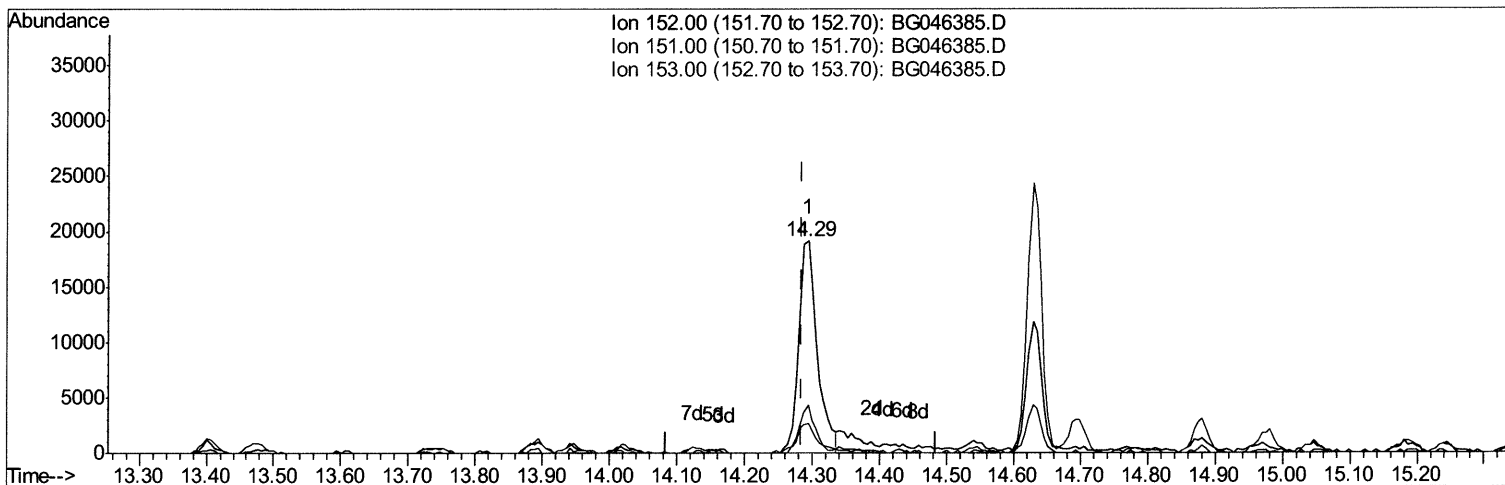
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TIC: BG046385.D

(8) Acenaphthylene

14.293min (+0.009) 1.76ng/ul

response 36615

Ion	Exp%	Act%
152.00	100	100
151.00	20.60	22.60
153.00	13.80	14.17
0.00	0.00	0.00

Quantitation Report (Qedit)

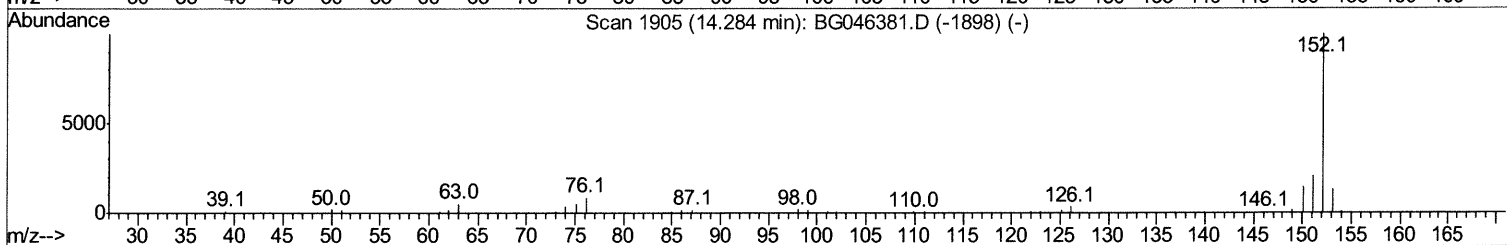
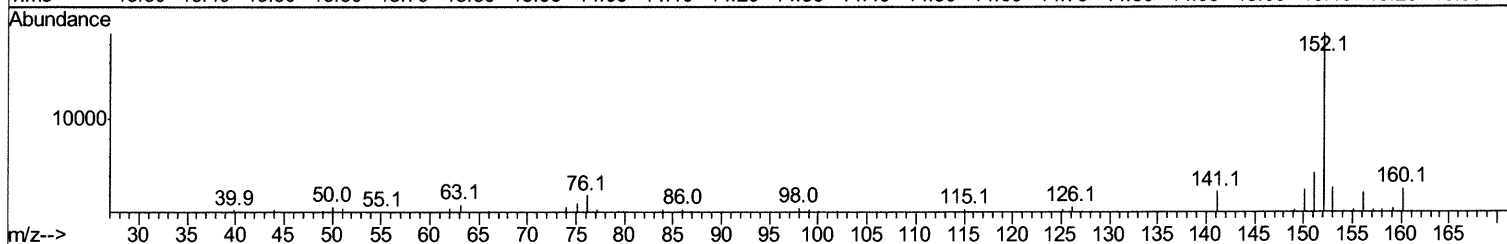
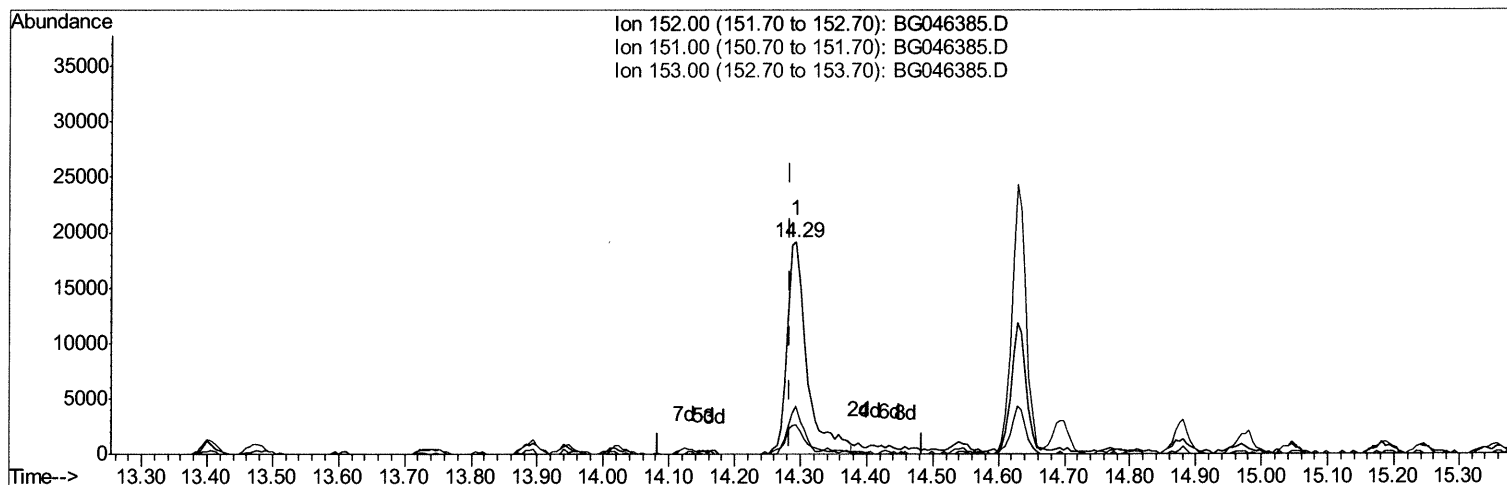
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TIC: BG046385.D

(8) Acenaphthylene

14.293min (+0.009) 1.94ng/ul m

response 40261

Ion	Exp%	Act%
152.00	100	100
151.00	20.60	22.60
153.00	13.80	14.17
0.00	0.00	0.00

JU 8/24/20

Quantitation Report (Qedit)

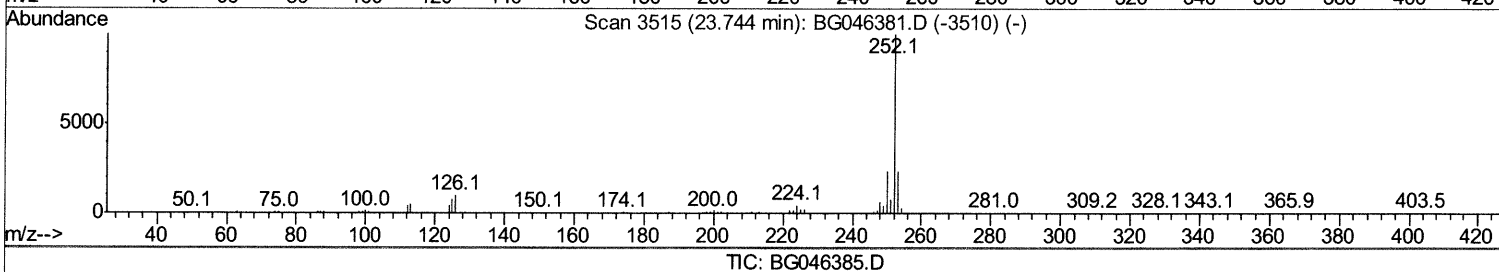
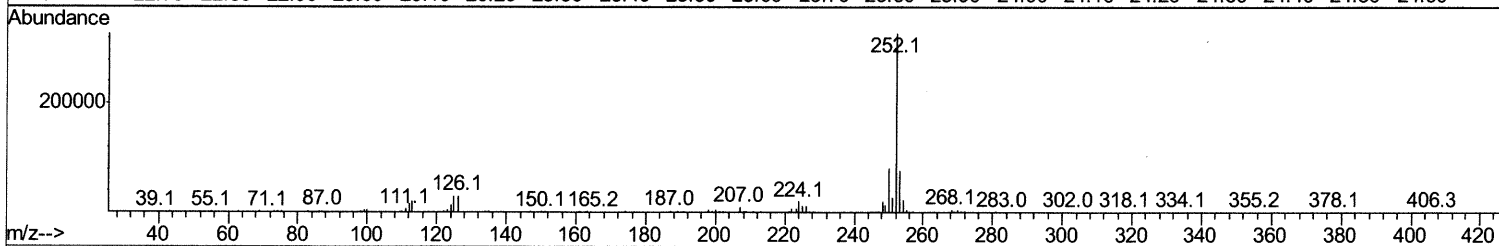
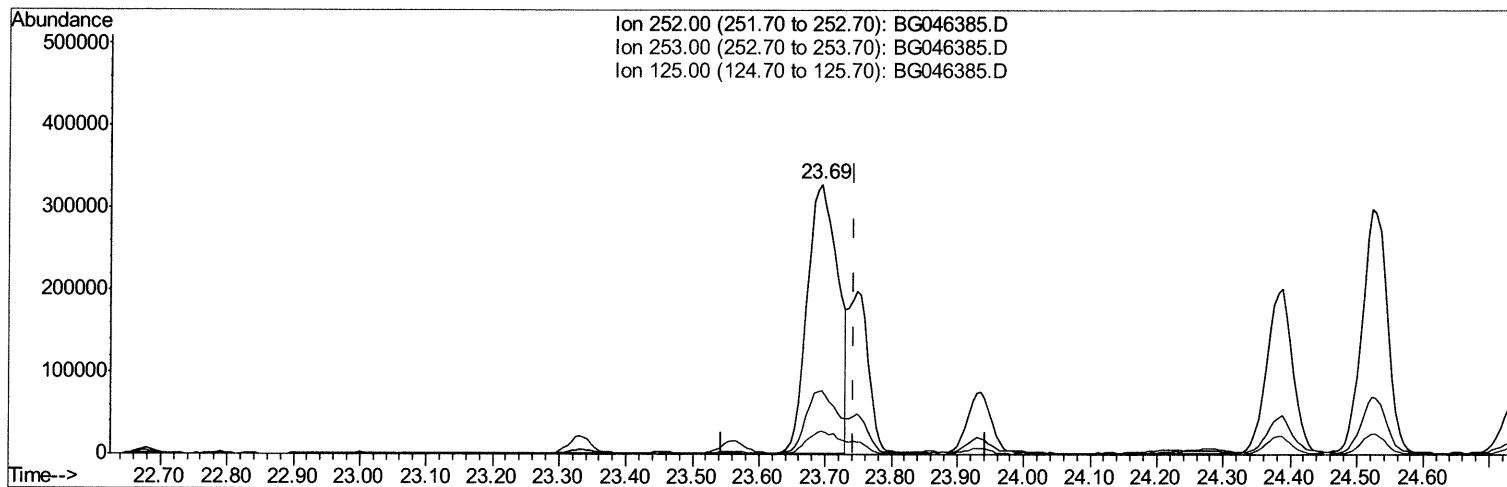
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(25) Benzo(k)fluoranthene

23.694min (-0.049) 29.73ng/ul

response 1066767

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.48
125.00	7.70	8.71
0.00	0.00	0.00

Quantitation Report (Qedit)

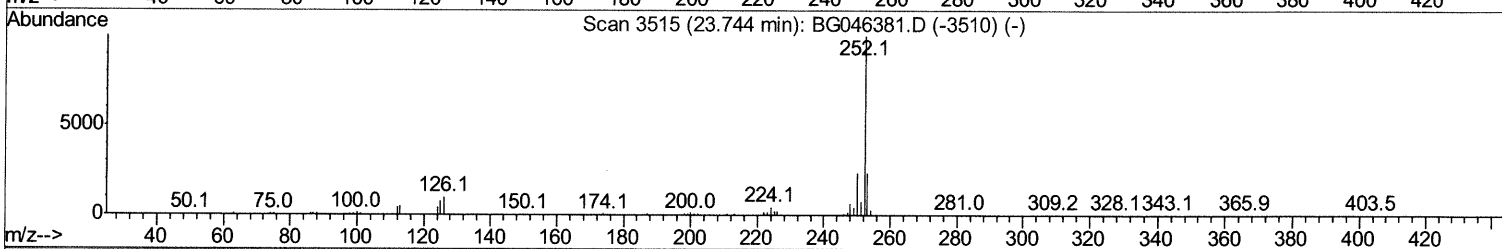
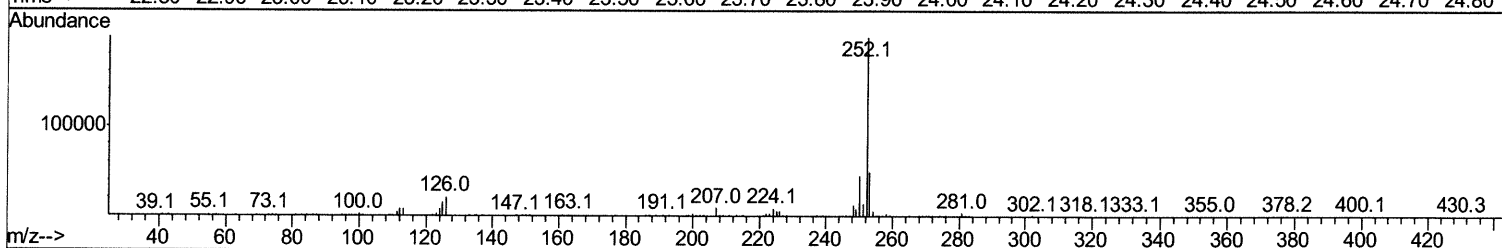
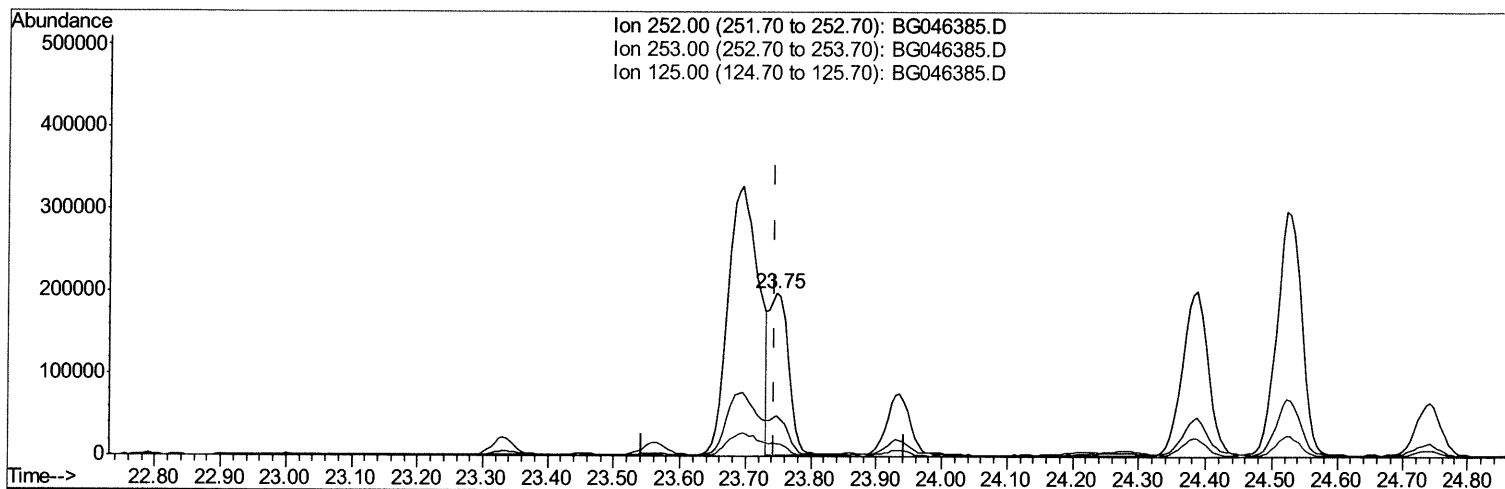
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TIC: BG046385.D

(25) Benzo(k)fluoranthene

23.747min (+0.003) 11.28ng/ul m

response 404791

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.69
125.00	7.70	7.88
0.00	0.00	0.00

Quantitation Report (Qedit)

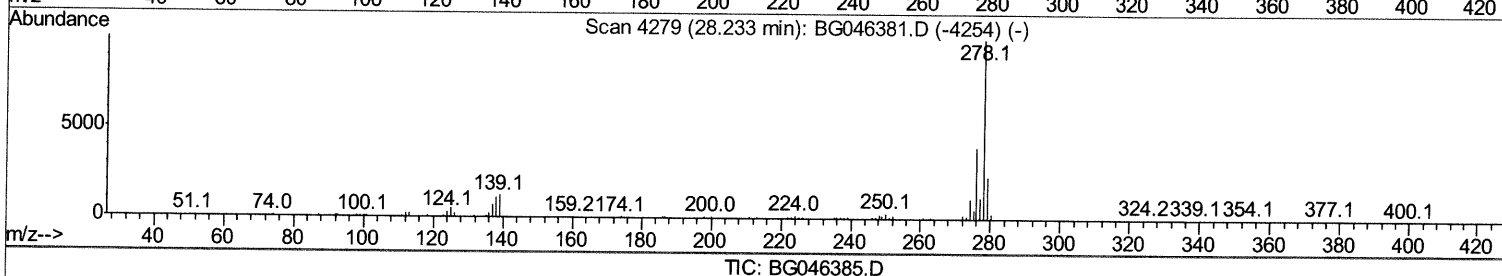
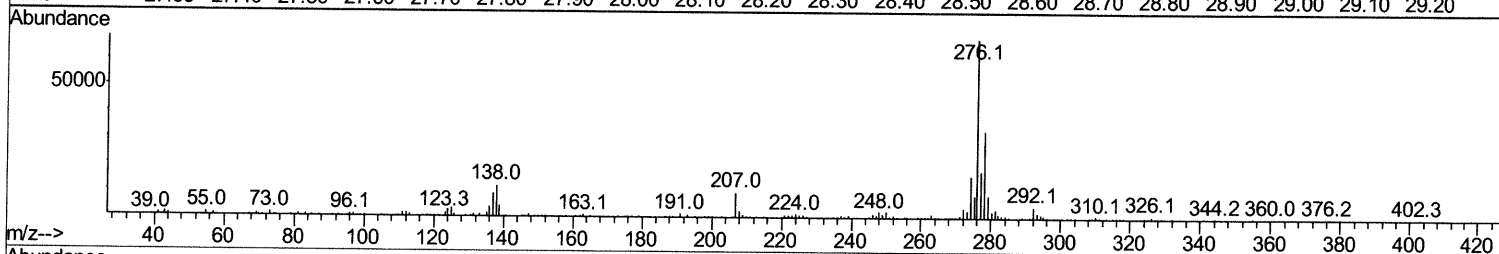
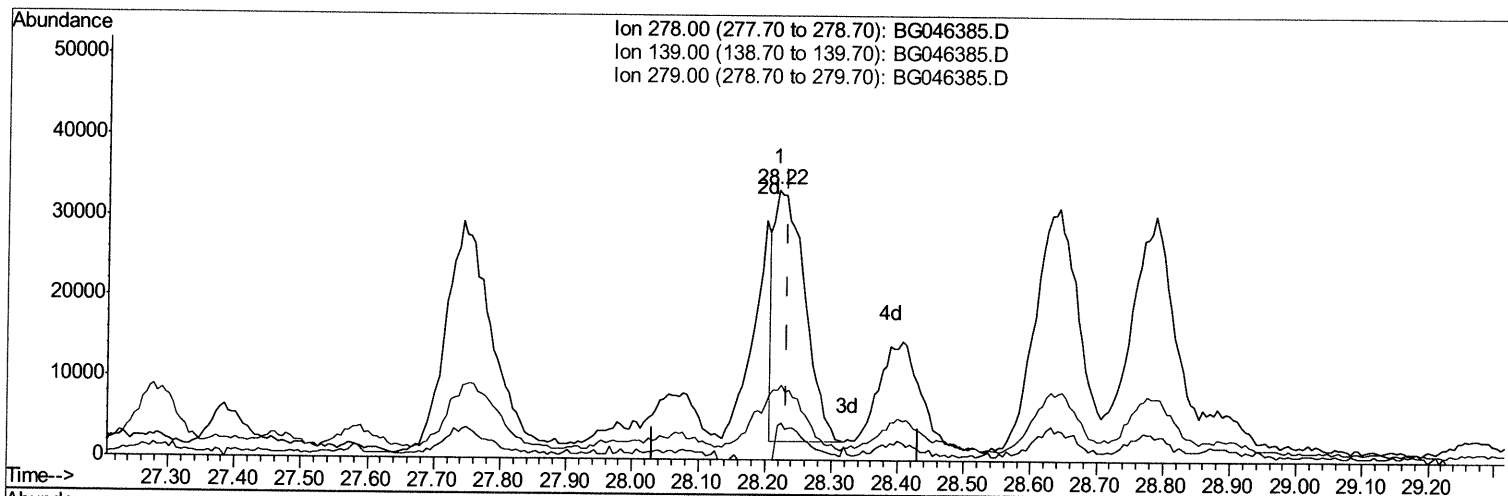
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Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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(29) Dibenzo(a,h)anthracene

28.218min (-0.014) 2.93ng/ul

response 98706

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	12.88
279.00	24.60	25.84
0.00	0.00	0.00

Quantitation Report (Qedit)

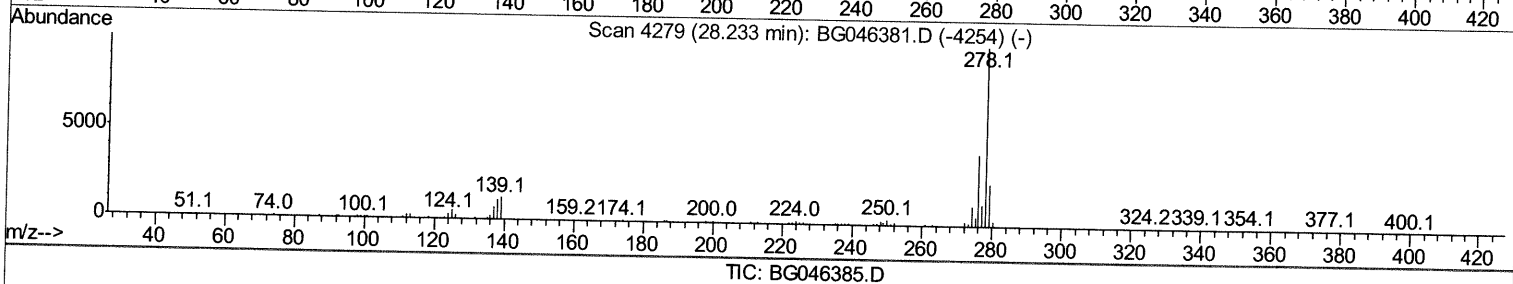
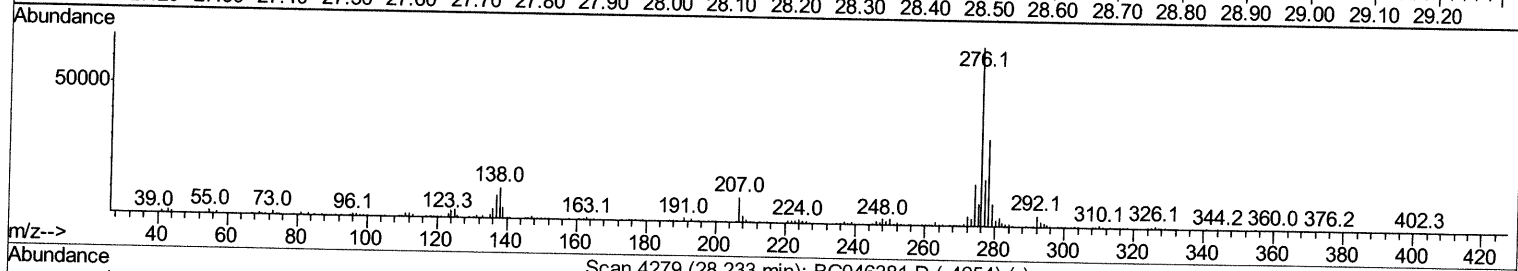
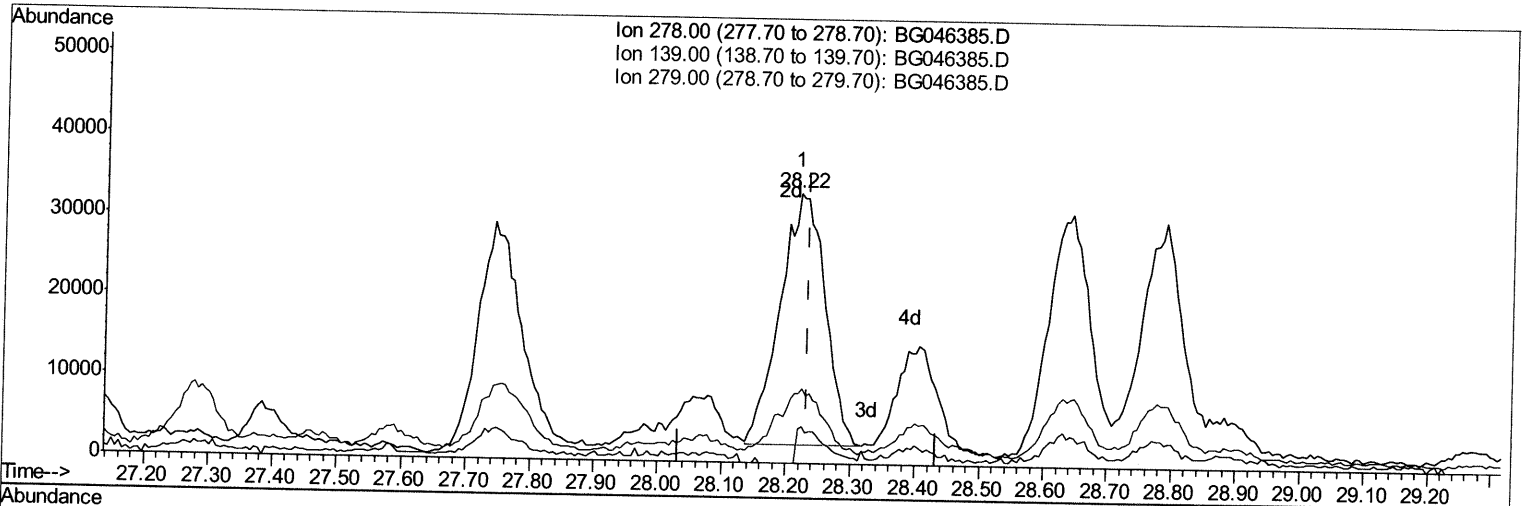
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Manual Integrations
APPROVED

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(29) Dibenzo(a,h)anthracene

28.218min (-0.014) 4.47ng/ul m

response 150789

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	12.88
279.00	24.60	25.84
0.00	0.00	0.00

JU 8/24/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	77782	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	325346	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	221951	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	508877	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	506811	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	546959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.36	165	160610	28.67	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	621345	30.42	ng/ul	0.00
10) Fluorene-d10	15.56	176	479706	30.65	ng/ul	0.00
15) Anthracene-d10	17.41	188	706549	29.95	ng/ul	0.00
19) Pyrene-d10	19.69	212	845214	32.40	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	949691	31.82	ng/ul	0.00

Target Compounds

						Qvalue
4) Naphthalene	10.79	128	23343	1.379	ng/ul	98
5) 2-Methylnaphthalene	12.39	142	13678	1.060	ng/ul	96
8) Acenaphthylene	14.29	152	40261m	1.939	ng/ul	98
9) Acenaphthene	14.63	153	37008	2.496	ng/ul	98
11) Fluorene	15.62	166	42479	2.450	ng/ul	98
14) Phenanthrene	17.35	178	883137	31.546	ng/ul	98
16) Anthracene	17.44	178	159758	5.656	ng/ul	98
17) Fluoranthene	19.36	202	1342850	43.018	ng/ul	98
20) Pyrene	19.72	202	1231148	37.008	ng/ul	99
21) Benzo(a)anthracene	21.54	228	758503	23.003	ng/ul	96
22) Chrysene	21.60	228	771914	24.216	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	1066767	29.494	ng/ul	98
25) Benzo(k)fluoranthene	23.75	252	404791m	11.282	ng/ul	98
27) Benzo(a)pyrene	24.52	252	783015	23.580	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.18	276	529817	12.743	ng/ul	98
29) Dibenzo(a,h)anthracene	28.22	278	150789m	4.473	ng/ul	98
30) Benzo(g,h,i)perylene	29.28	276	310492	8.923	ng/ul	98

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