

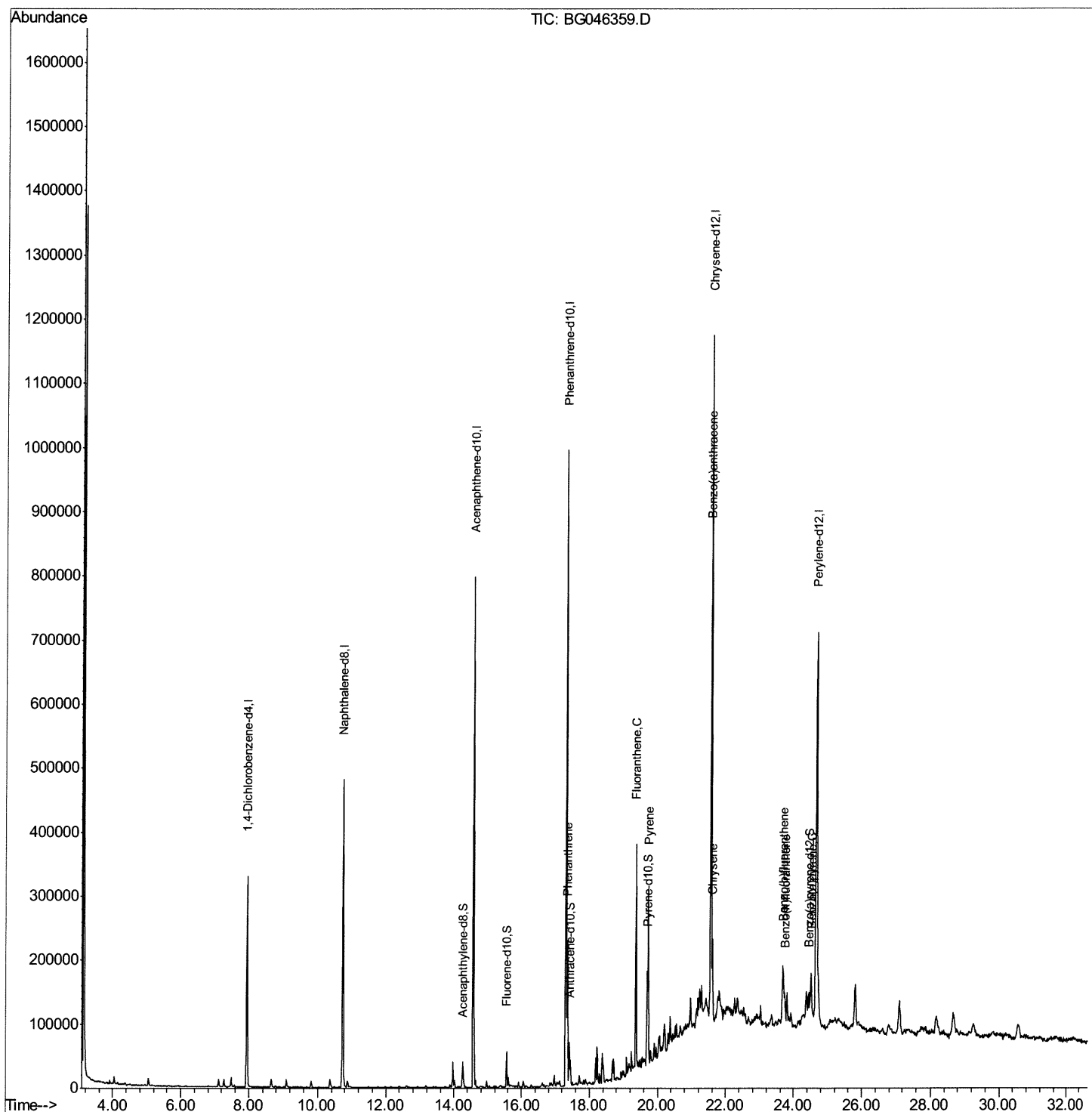
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046359.D
Acq On : 19 Aug 2020 23:28
Operator : CG/JU
Sample : L3633-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMA7

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:20 PM

Quant Time: Aug 20 03:35:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 01:26:46 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

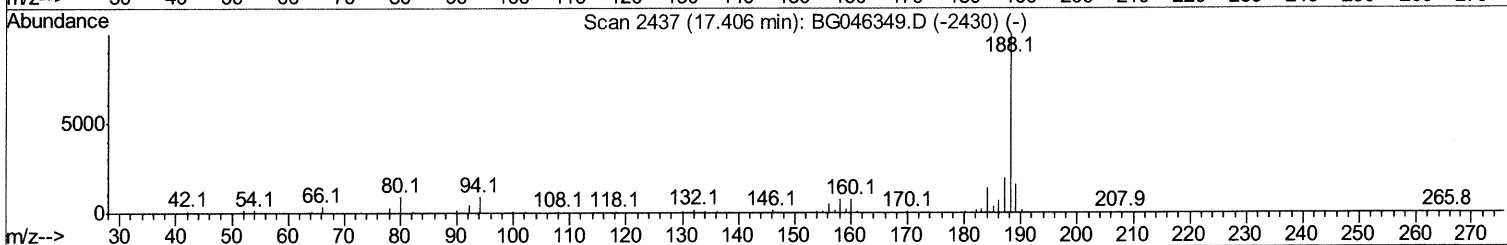
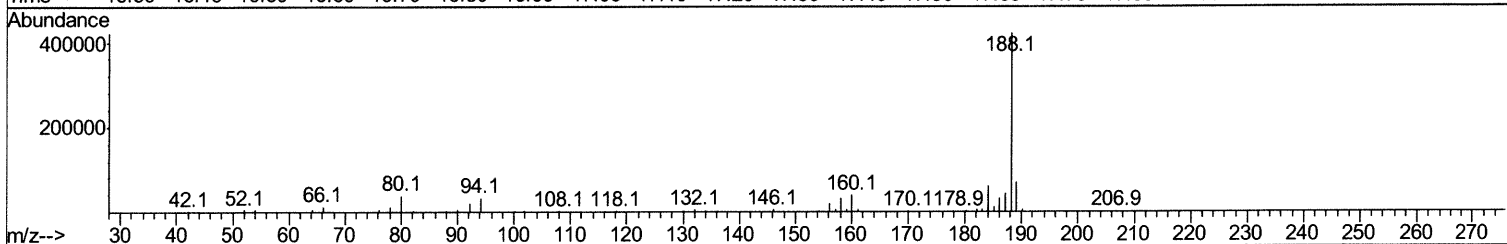
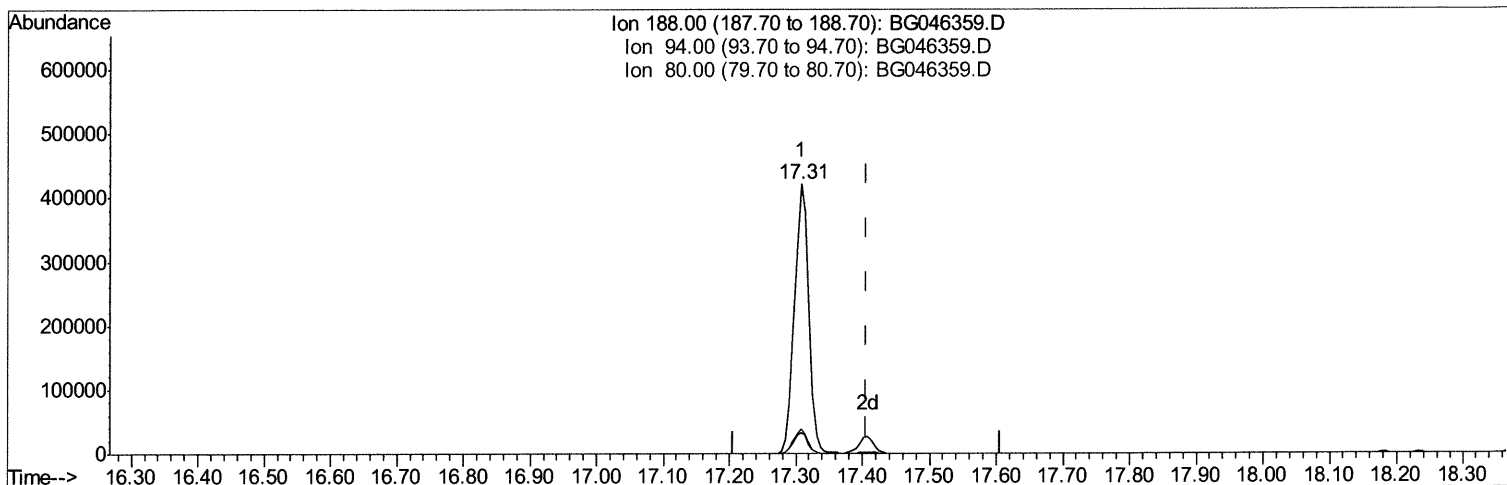
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(15) Anthracene-d10 (S)

17.308min (-0.099) 21.57ng/ul

response 631099

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	7.63
80.00	8.00	9.26
0.00	0.00	0.00

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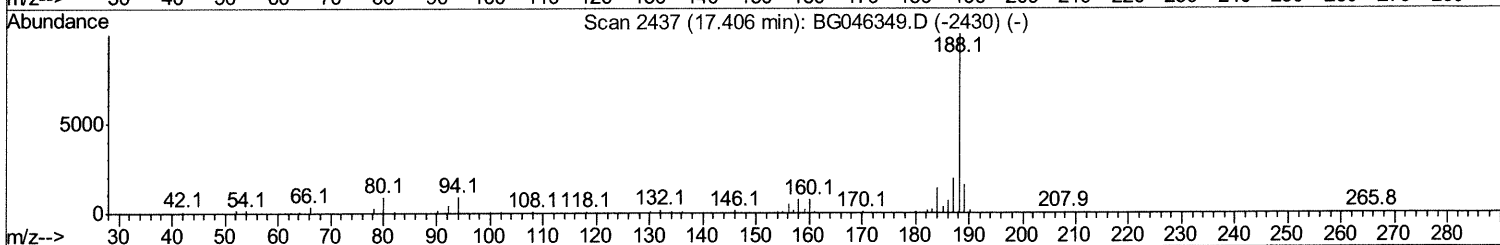
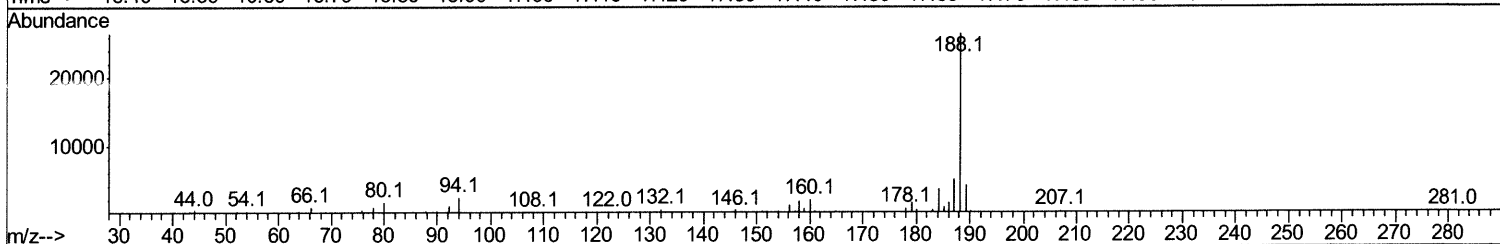
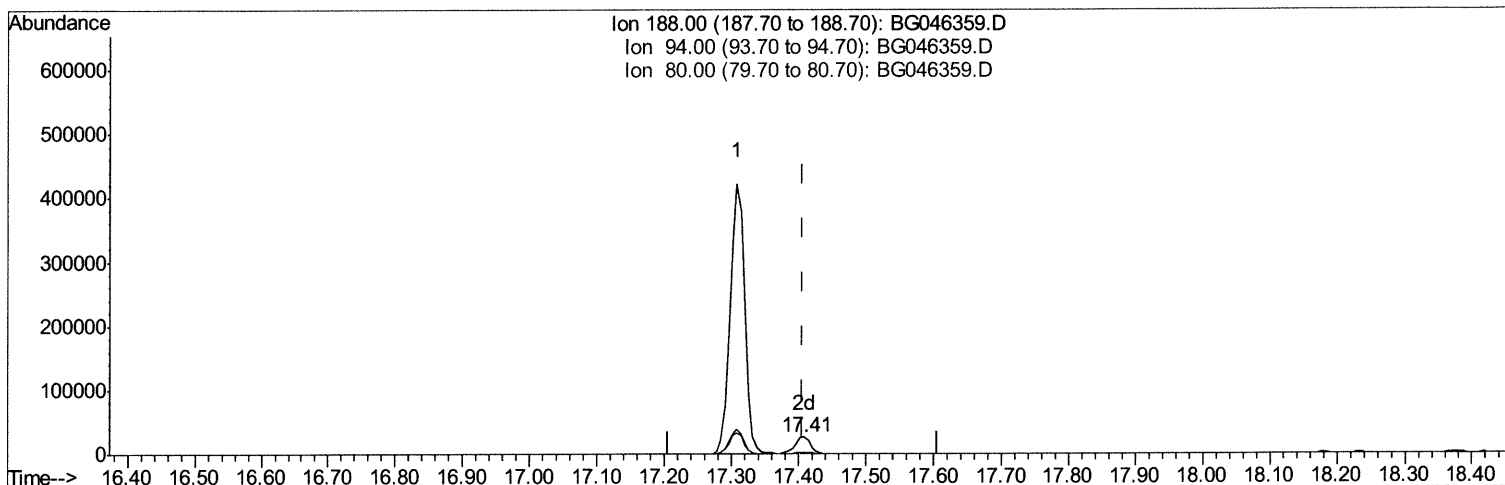
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(15) Anthracene-d10 (S)

17.408min (+0.001) 1.39ng/ul m

response 40776

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.85
80.00	8.00	6.20#
0.00	0.00	0.00

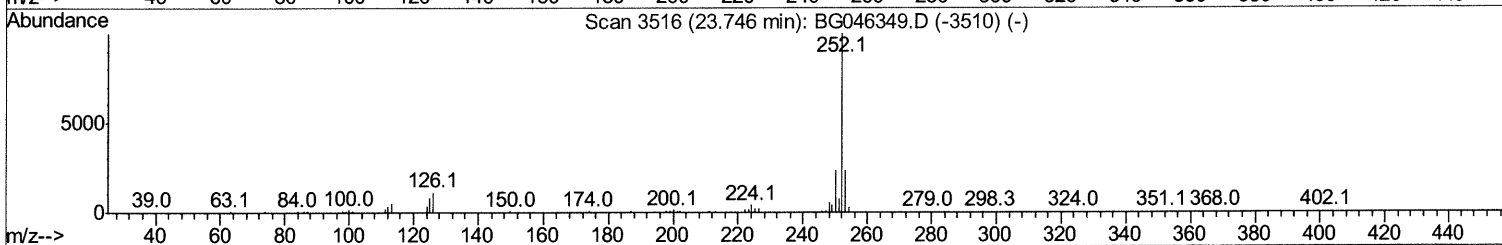
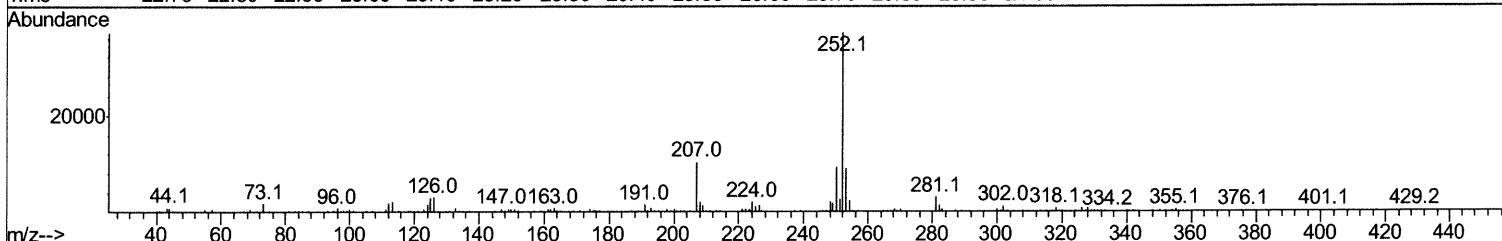
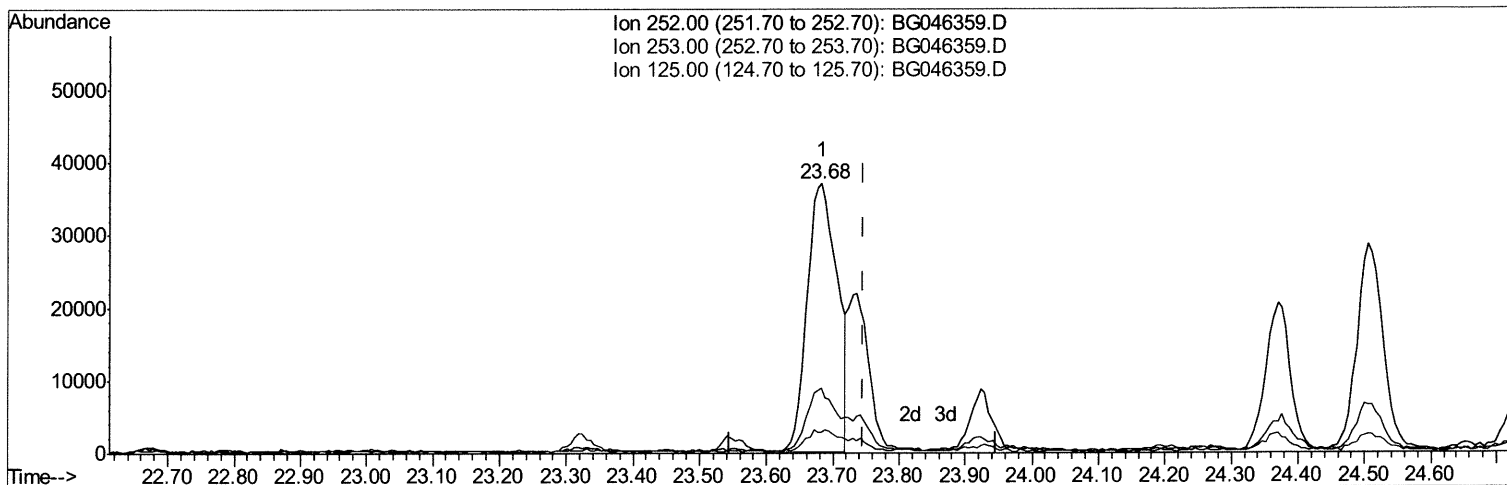
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(25) Benzo(k)fluoranthene

23.683min (-0.063) 2.67ng/ul

response 117292

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.16
125.00	7.70	7.62
0.00	0.00	0.00

Quantitation Report (Qedit)

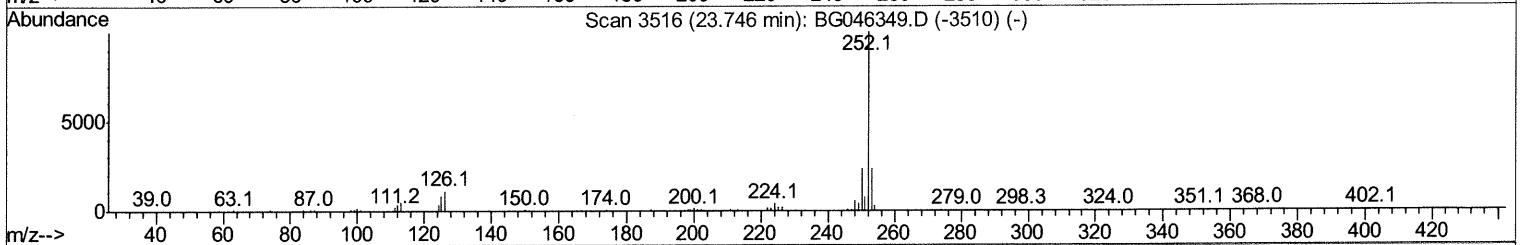
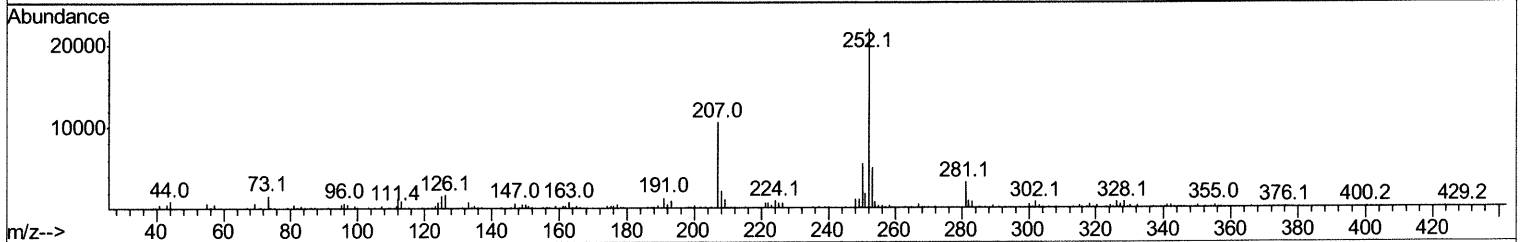
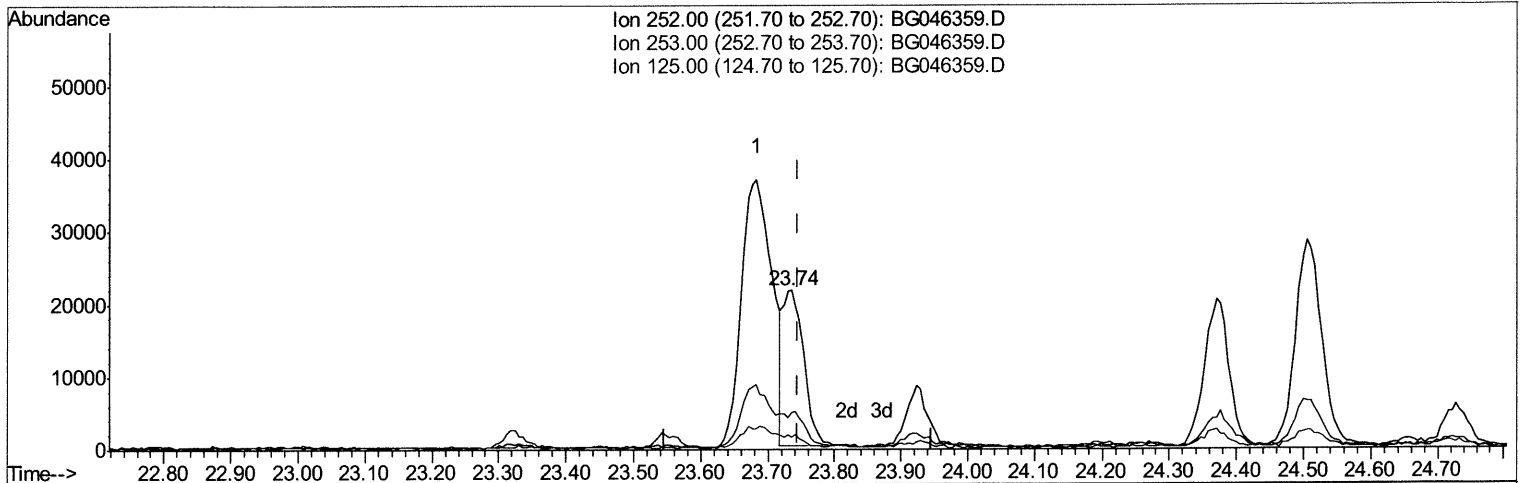
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TIC: BG046359.D

(25) Benzo(k)fluoranthene

23.735min (-0.011) 1.04ng/ul m

response 45473

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.23
125.00	7.70	7.75
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	107647	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	447380	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	294015	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	631099	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	626955	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	669550	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.36	165	7617	0.99	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	33977	1.26	ng/ul	0.00
10) Fluorene-d10	15.56	176	26380	1.27	ng/ul	0.00
15) Anthracene-d10	17.41	188	40776m	1.39	ng/ul	0.00
19) Pyrene-d10	19.69	212	48740	1.51	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	52644	1.44	ng/ul	0.00

Target Compounds

						Qvalue
14) Phenanthrene	17.35	178	143757	4.141	ng/ul	99
17) Fluoranthene	19.36	202	213379	5.512	ng/ul	97
20) Pyrene	19.72	202	185752	4.514	ng/ul	97
21) Benzo(a)anthracene	21.54	228	98012	2.403	ng/ul	97
22) Chrysene	21.60	228	94717	2.402	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	117292	2.649	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	45473m	1.035	ng/ul	97
27) Benzo(a)pyrene	24.51	252	75882	1.867	ng/ul	99

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