

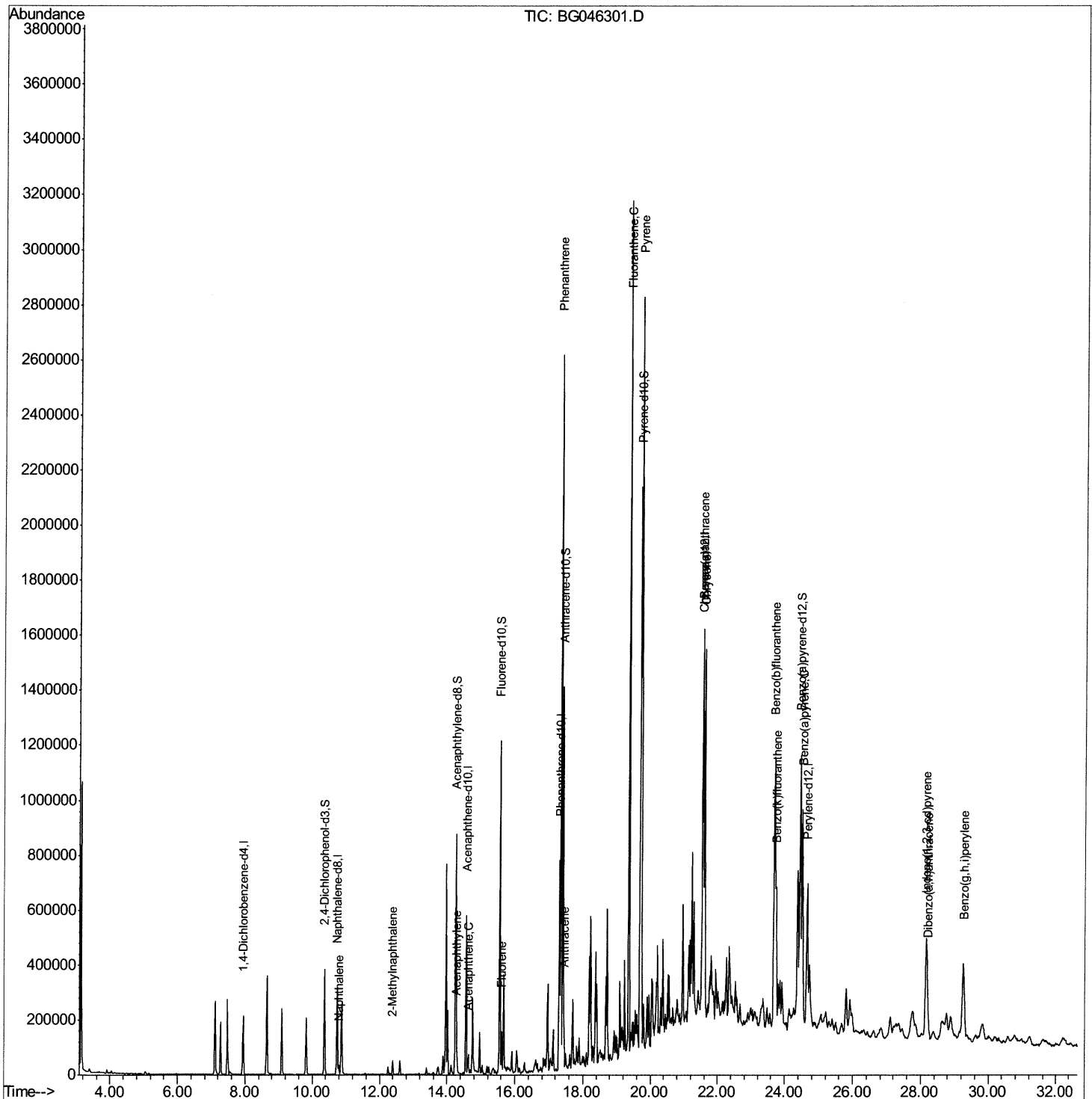
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046301.D
Acq On : 17 Aug 2020 17:11
Operator : CG/JU
Sample : L3632-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BFM87

Manual Integrations
APPROVED

mohammad
8/19/2020 2:15:51 PM

Quant Time: Aug 18 01:49:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

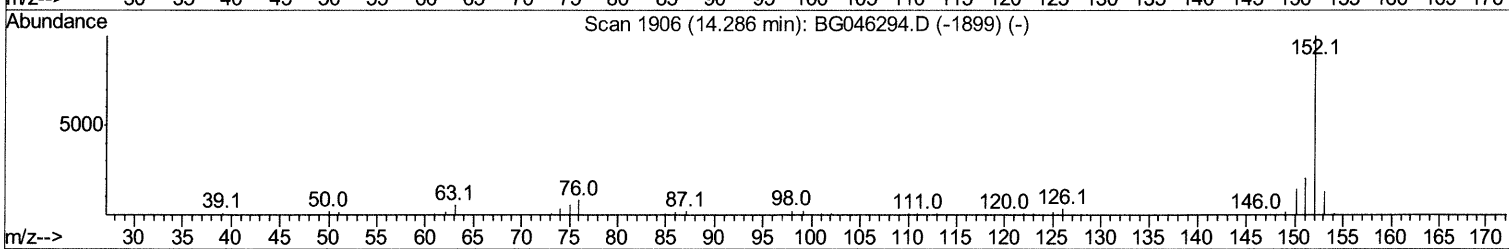
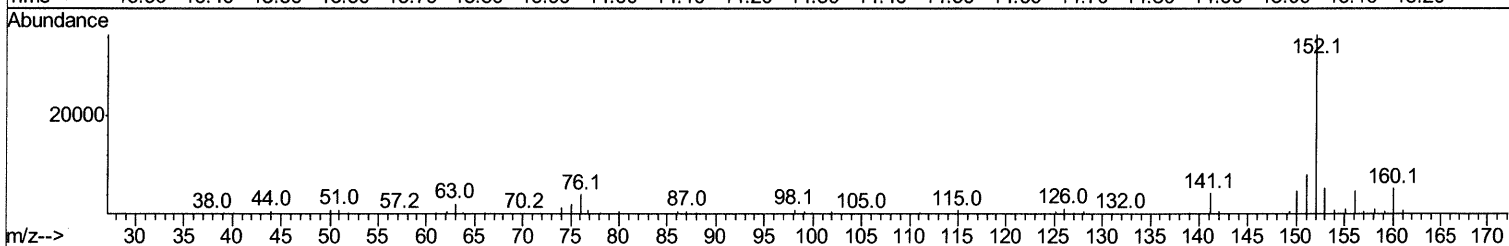
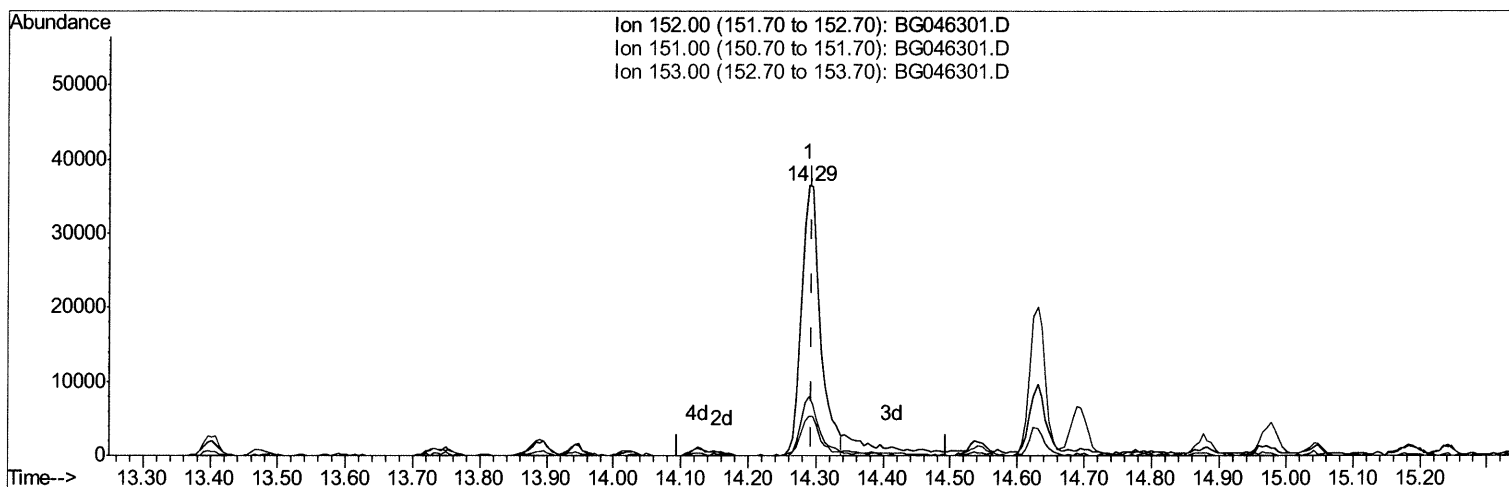
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TIC: BG046301.D

(8) Acenaphthylene

14.289min (-0.005) 3.66ng/ul

response 70929

Ion	Exp%	Act%
152.00	100	100
151.00	20.60	22.06
153.00	13.80	14.75
0.00	0.00	0.00

Quantitation Report (Qedit)

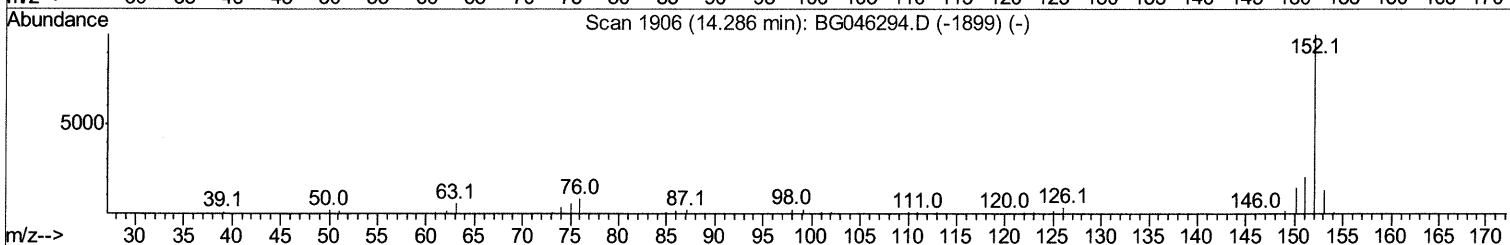
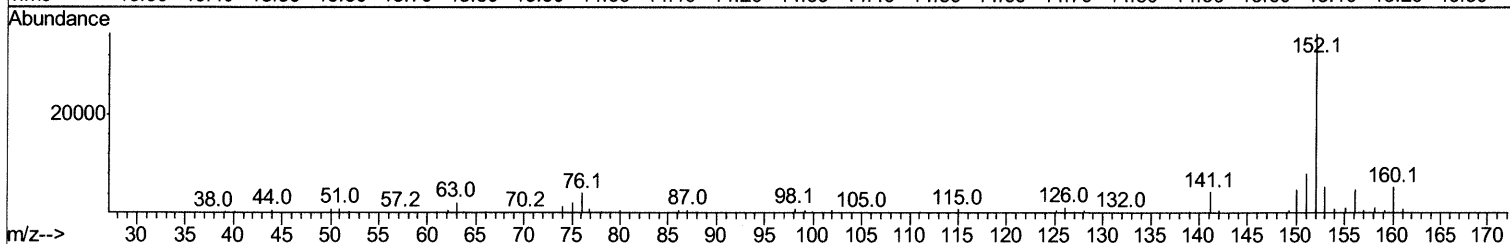
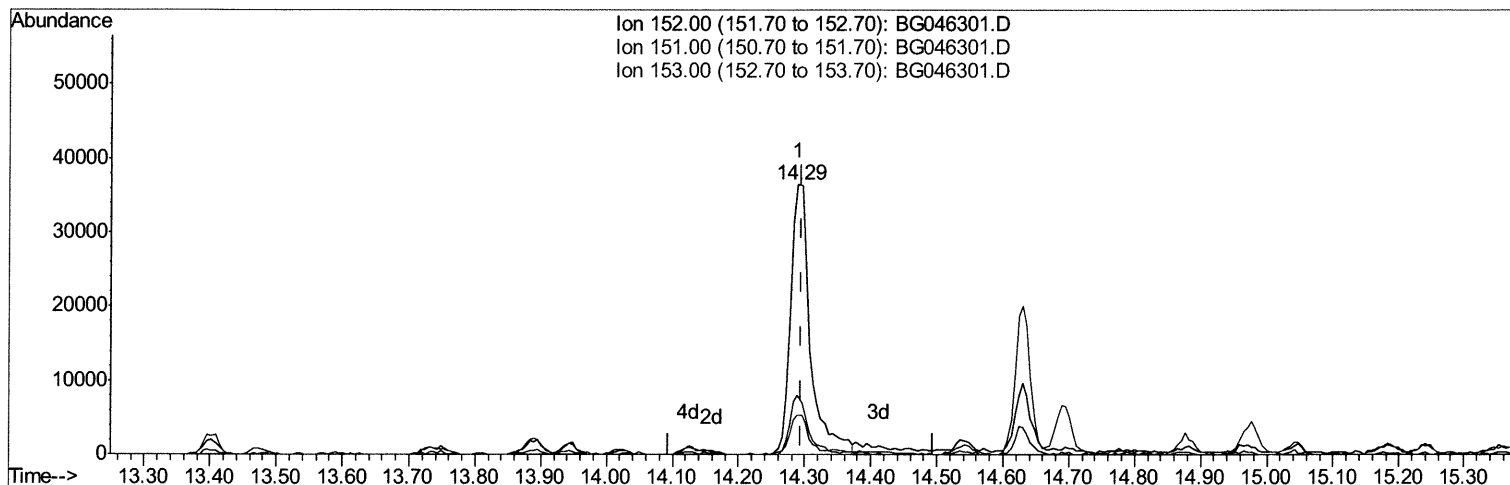
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Scan 1906 (14.286 min): BG046294.D (-1899) (-)

TIC: BG046301.D

(8) Acenaphthylene

14.289min (-0.005) 3.90ng/ul m 08/20/20 JU

response 75418

Ion	Exp%	Act%
152.00	100	100
151.00	20.60	22.06
153.00	13.80	14.75
0.00	0.00	0.00

Quantitation Report (Qedit)

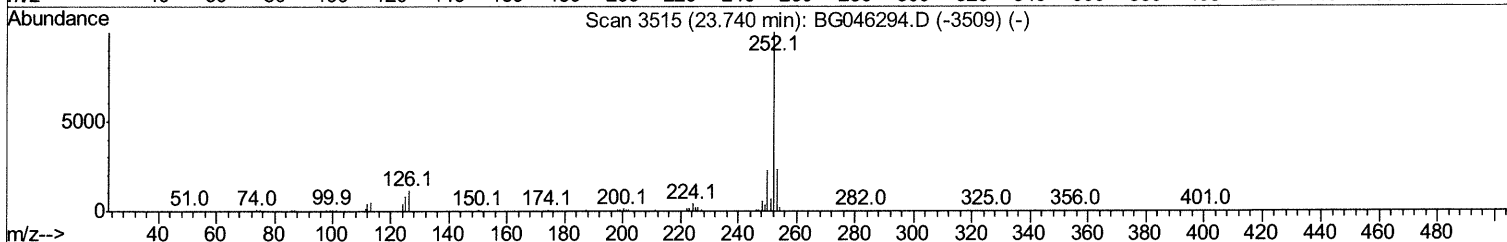
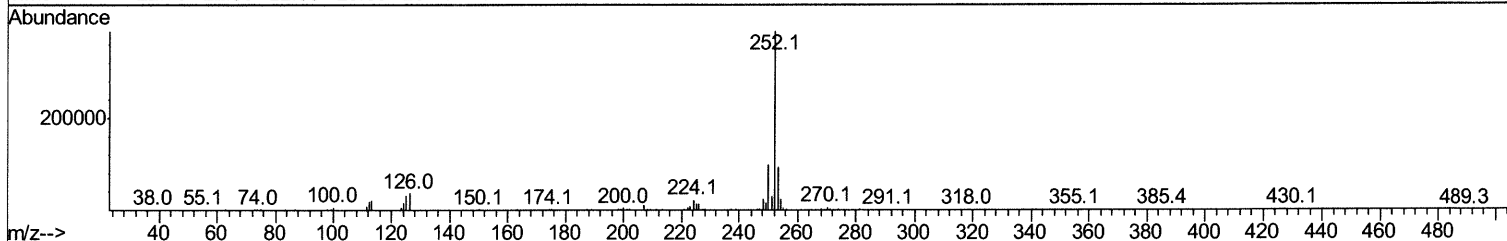
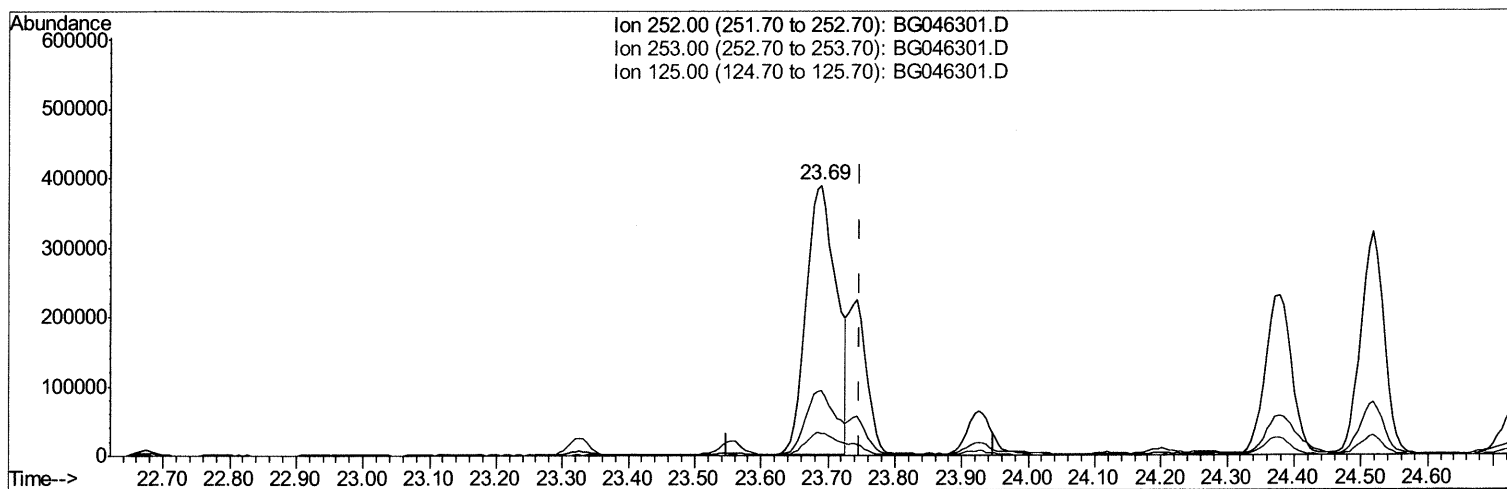
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TIC: BG046301.D

(25) Benzo(k)fluoranthene

23.690min (-0.058) 34.75ng/ul

response 1236345

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.96
125.00	7.70	8.29
0.00	0.00	0.00

Quantitation Report (Qedit)

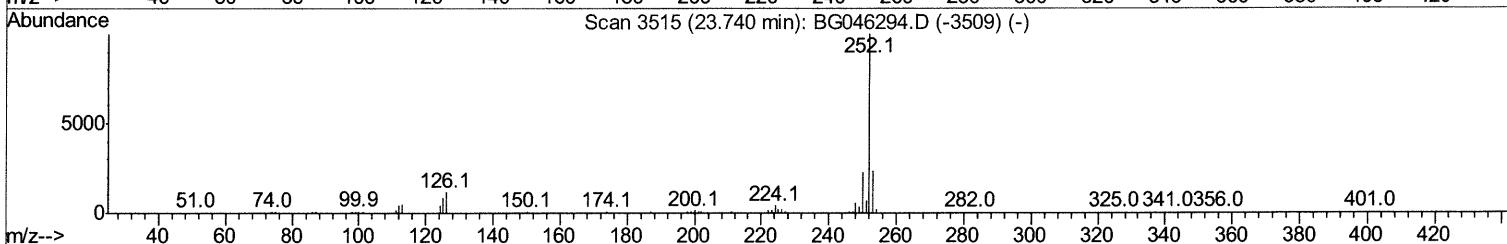
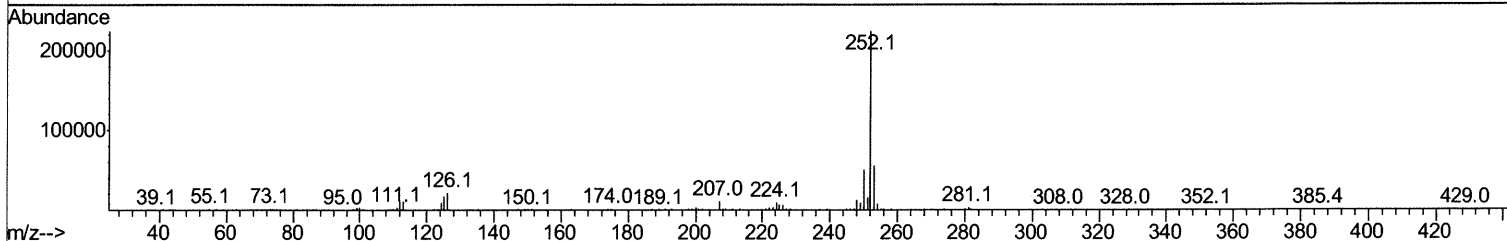
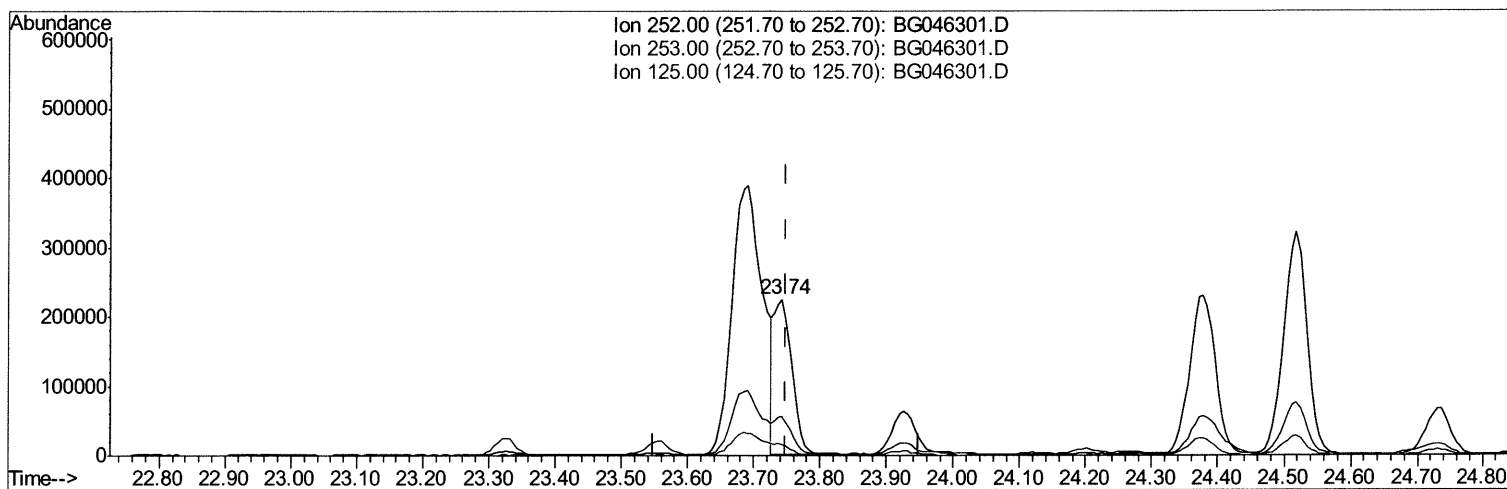
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TIC: BG046301.D

(25) Benzo(k)fluoranthene

23.743min (-0.005) 11.86ng/ul m 08/20/20 JU

response 422100

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.80
125.00	7.70	7.43
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	67414	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.73	136	284845	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.57	164	206907	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.31	188	510186	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	502489	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	542379	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.36	165	163877	33.41	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	670939	35.24	ng/ul	0.00
10) Fluorene-d10	15.56	176	514703	35.27	ng/ul	0.00
15) Anthracene-d10	17.41	188	806079	34.08	ng/ul	0.00
19) Pyrene-d10	19.69	212	945462	36.55	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	1062514	35.90	ng/ul	0.00

Target Compounds

						Qvalue
4) Naphthalene	10.78	128	30907	2.086	ng/ul	97
5) 2-Methylnaphthalene	12.39	142	27017	2.392	ng/ul	91
8) Acenaphthylene	14.29	152	75418m>	3.896	ng/ul>	08/20/20 JU
9) Acenaphthene	14.63	153	32341	2.339	ng/ul	96
11) Fluorene	15.61	166	65452	4.049	ng/ul	99
14) Phenanthrene	17.35	178	1679057	59.823	ng/ul	95
16) Anthracene	17.44	178	131949	4.659	ng/ul	99
17) Fluoranthene	19.37	202	1933849	61.792	ng/ul	97
20) Pyrene	19.72	202	1670062	50.633	ng/ul	97
21) Benzo(a)anthracene	21.53	228	719277	22.001	ng/ul	98
22) Chrysene	21.60	228	980325	31.018	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	1236345	34.471	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	422100m>	11.864	ng/ul>	08/20/20 JU
27) Benzo(a)pyrene	24.52	252	785960	23.869	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.17	276	619317	15.021	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	155605	4.655	ng/ul	95
30) Benzo(a,h,i)perylene	29.26	276	529221	15.337	ng/ul	99

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