

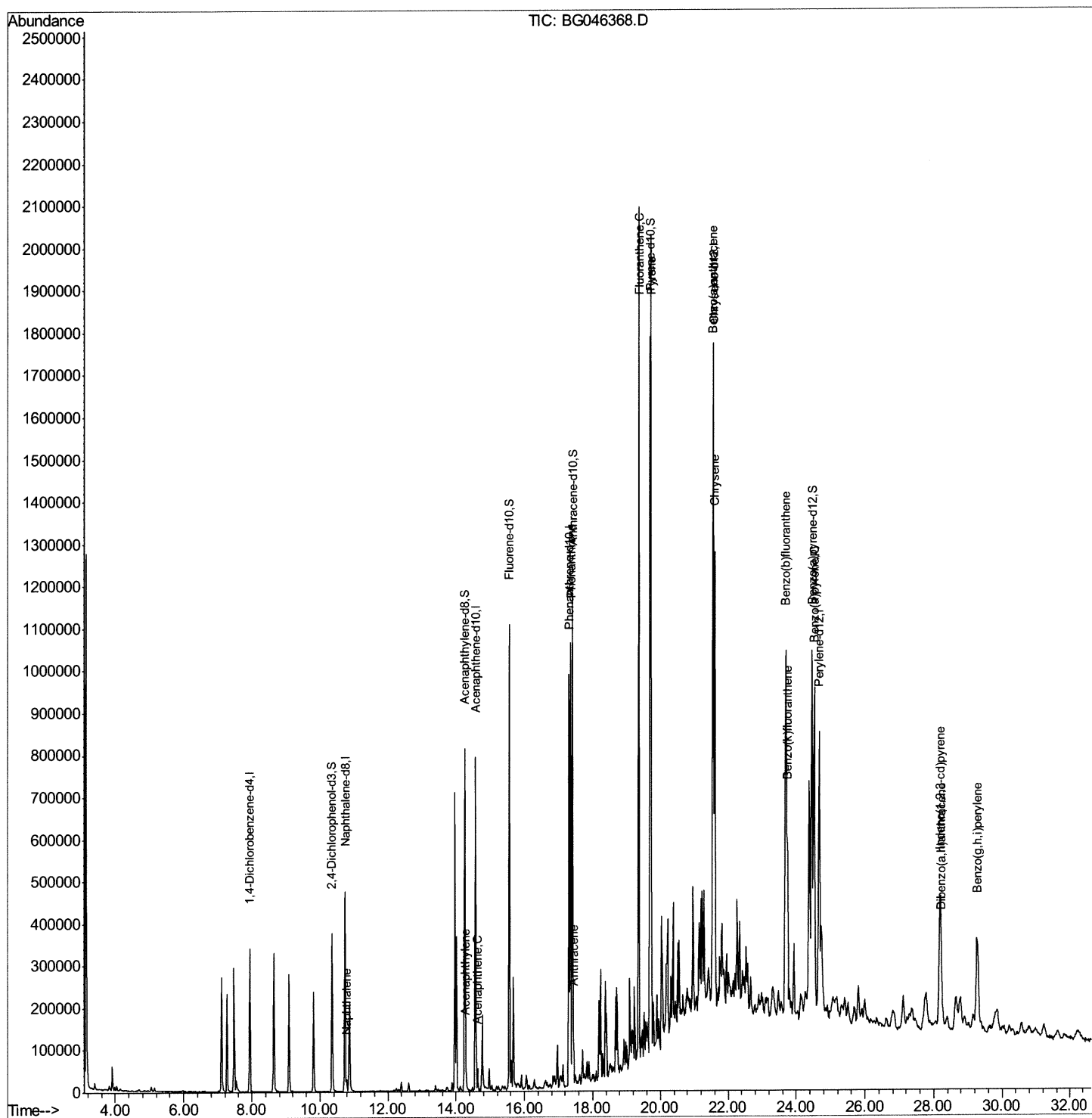
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046368.D
Acq On : 20 Aug 2020 6:49
Operator : CG/JU
Sample : L3633-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMA1

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:42 PM

Quant Time: Aug 20 07:33:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

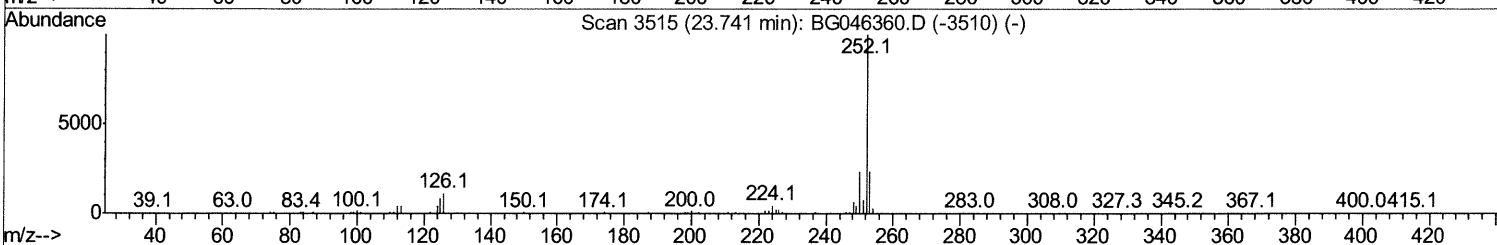
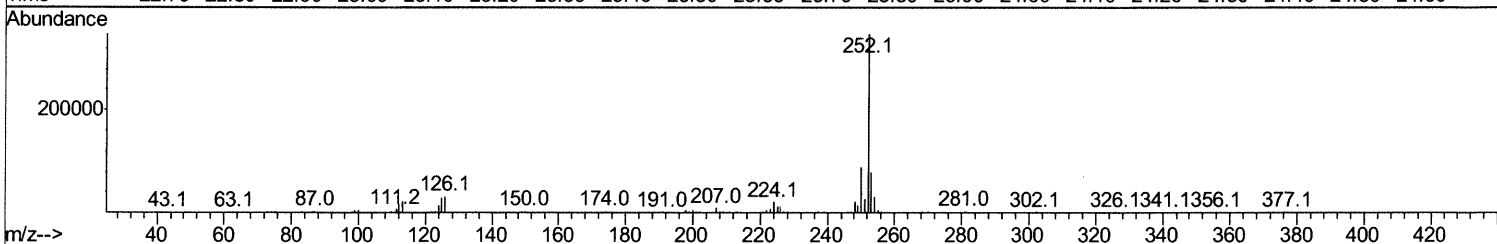
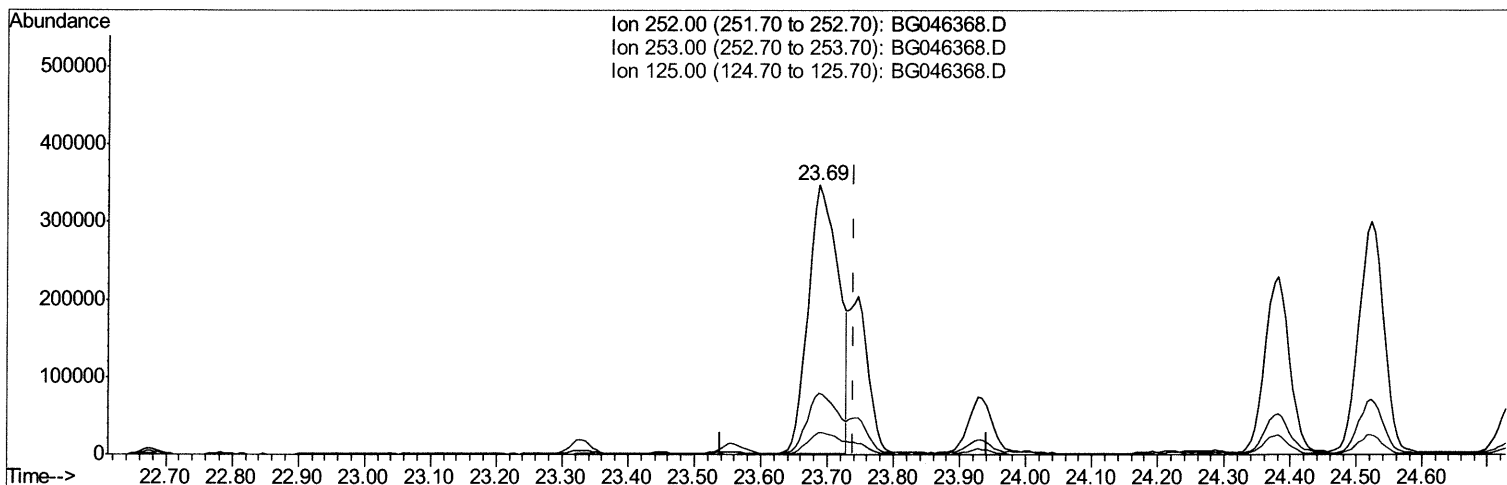
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TIC: BG046368.D

(25) Benzo(k)fluoranthene

23.687min (-0.054) 24.09ng/ul

response 1112405

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.73
125.00	7.70	8.40
0.00	0.00	0.00

Quantitation Report (Qedit)

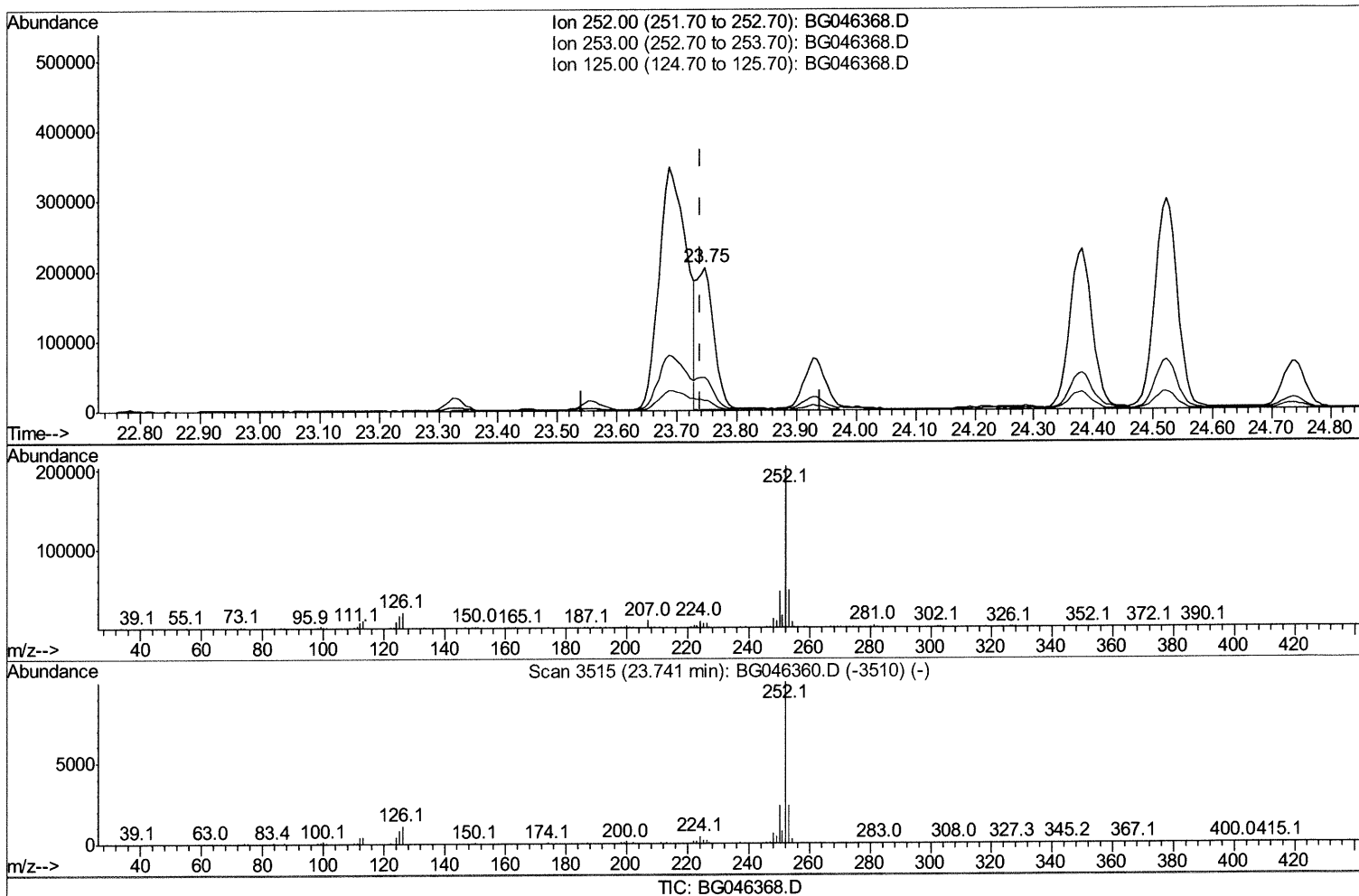
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(25) Benzo(k)fluoranthene

23.746min (+0.005) 8.52ng/ul m

response 393574

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.51
125.00	7.70	7.30
0.00	0.00	0.00

JU 8/24/20

Quantitation Report (Qedit)

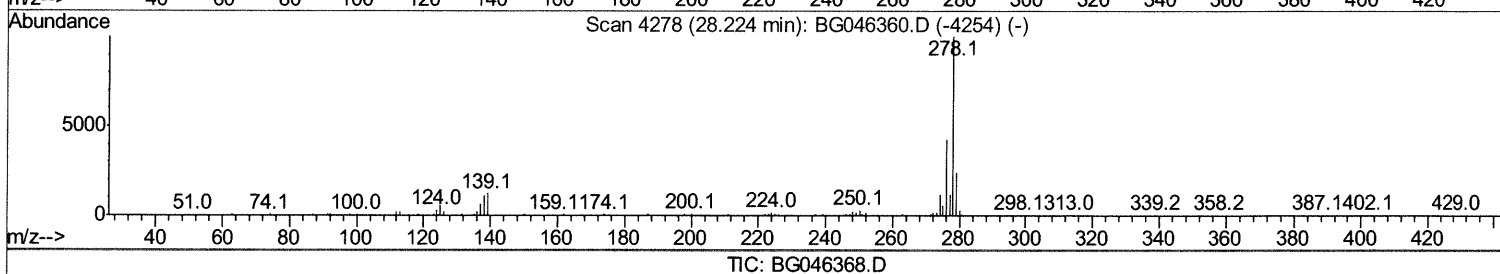
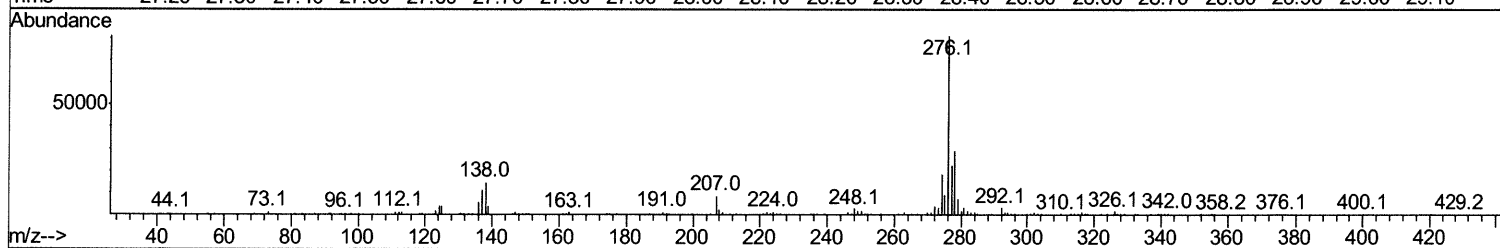
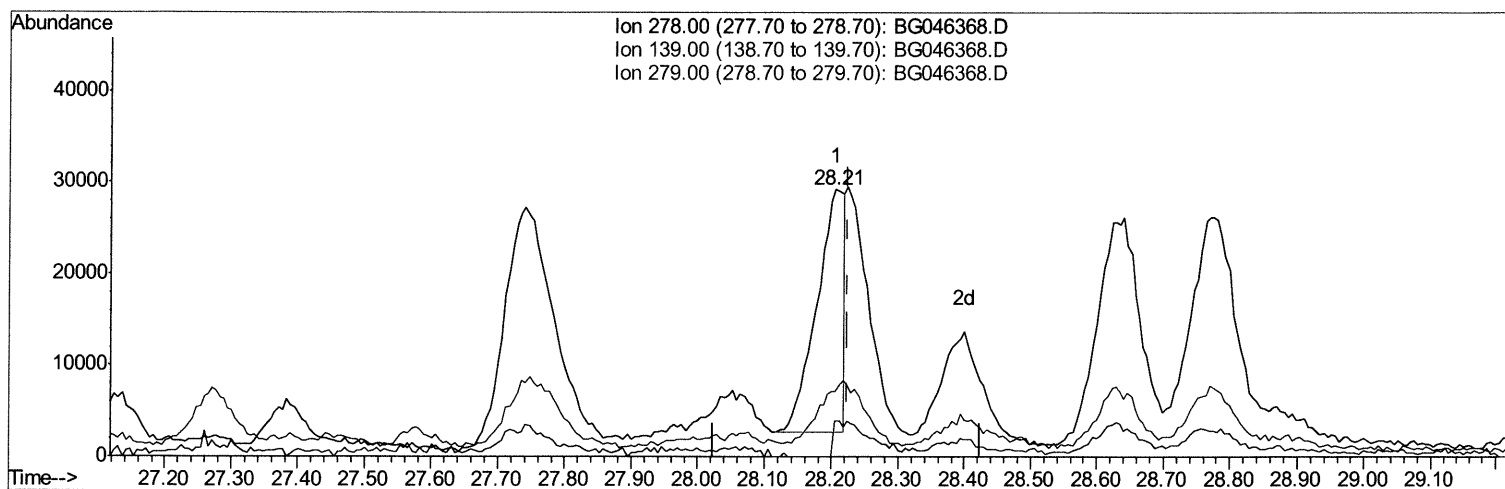
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(29) Dibenzo(a,h)anthracene

28.205min (-0.018) 1.73ng/ul

response 75226

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	13.28
279.00	24.60	24.41
0.00	0.00	0.00

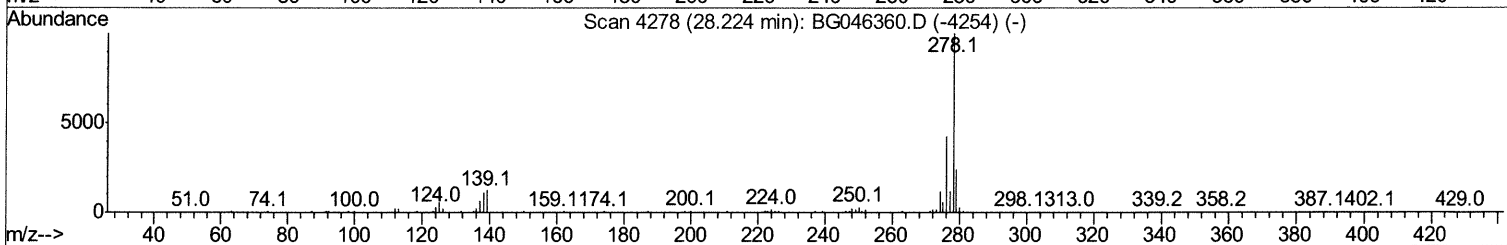
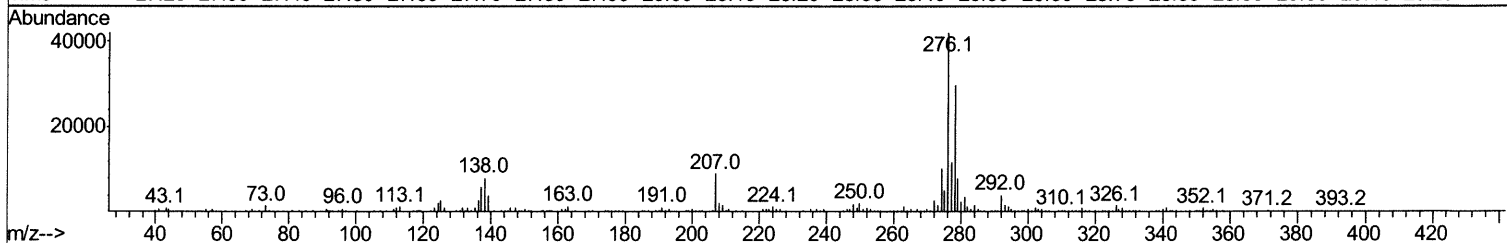
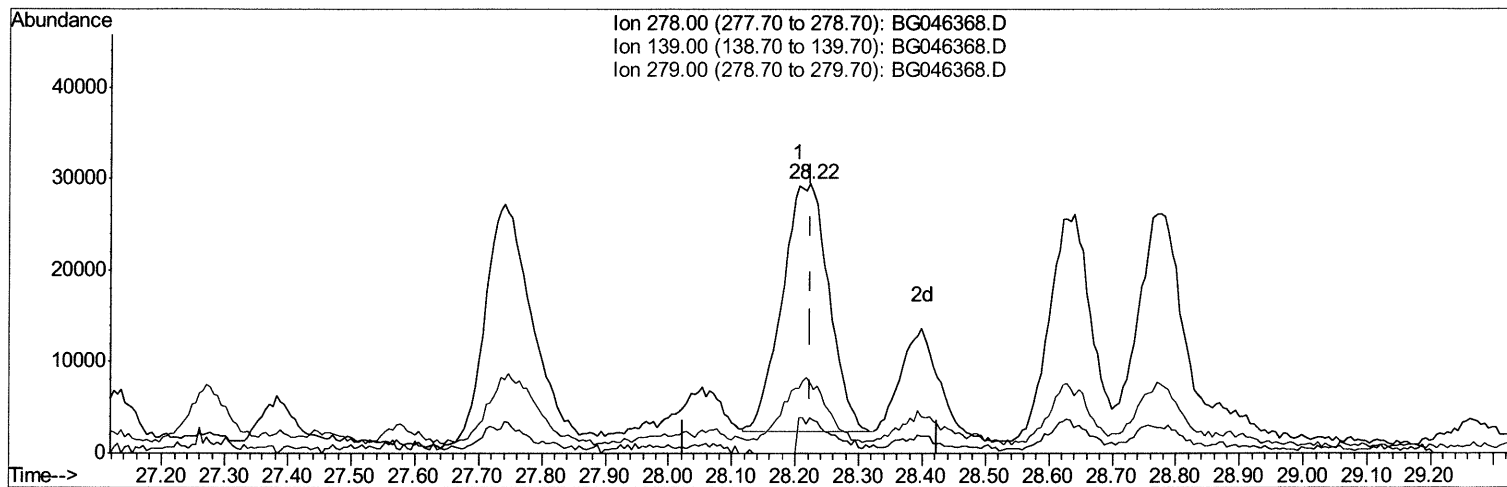
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(29) Dibenzo(a,h)anthracene

28.223min (-0.001) 3.22ng/ul m

response 139633

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	13.41
279.00	24.60	26.57
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	104857	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	429903	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	287778	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	656258	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	653546	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	703934	20.00	ng/ul	0.01

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.36	165	164163	22.18	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	629879	23.78	ng/ul	0.00
10) Fluorene-d10	15.56	176	482731	23.79	ng/ul	0.00
15) Anthracene-d10	17.41	188	708099	23.28	ng/ul	0.00
19) Pyrene-d10	19.69	212	839824	24.97	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	944841	24.60	ng/ul	0.01

Target Compounds

						Qvalue
4) Naphthalene	10.78	128	24858	1.112	ng/ul	97
8) Acenaphthylene	14.29	152	46149	1.714	ng/ul	99
9) Acenaphthene	14.63	153	22540	1.172	ng/ul	96
14) Phenanthrene	17.35	178	659138	18.257	ng/ul	99
16) Anthracene	17.44	178	81162	2.228	ng/ul	98
17) Fluoranthene	19.36	202	1222632	30.371	ng/ul	100
20) Pyrene	19.73	202	1213984	28.299	ng/ul	99
21) Benzo(a)anthracene	21.54	228	740496	17.415	ng/ul	96
22) Chrysene	21.60	228	792345	19.276	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	1112405	23.897	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	393574m	8.523	ng/ul	99
27) Benzo(a)pyrene	24.52	252	786546	18.405	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.18	276	556624	10.402	ng/ul	98
29) Dibenzo(a,h)anthracene	28.22	278	139633m	3.218	ng/ul	98
30) Benzo(a,h,i)perylene	29.27	276	455527	10.172	ng/ul	100

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