

Quantitation Report (LSC Reviewed)

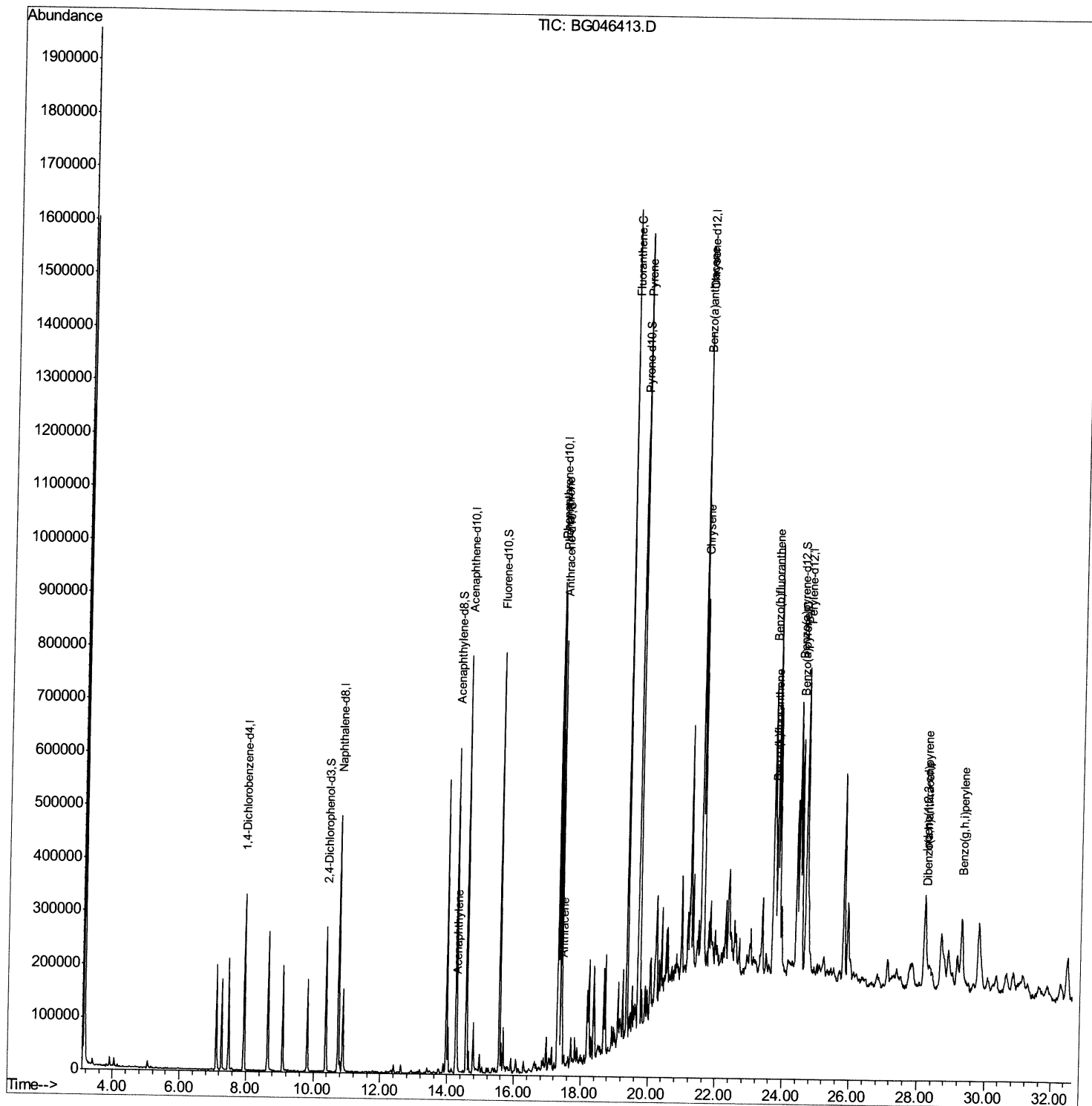
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081920\
 Data File : BG046413.D
 Acq On : 21 Aug 2020 14:40
 Operator : CG/JU
 Sample : L3635-17
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 BFMJ3

Manual Integrations
APPROVED

Sohil
 8/24/2020 1:46:46 PM

Quant Time: Aug 21 15:20:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 11:14:19 2020
 Response via : Initial Calibration



Quantitation Report (Qedit)

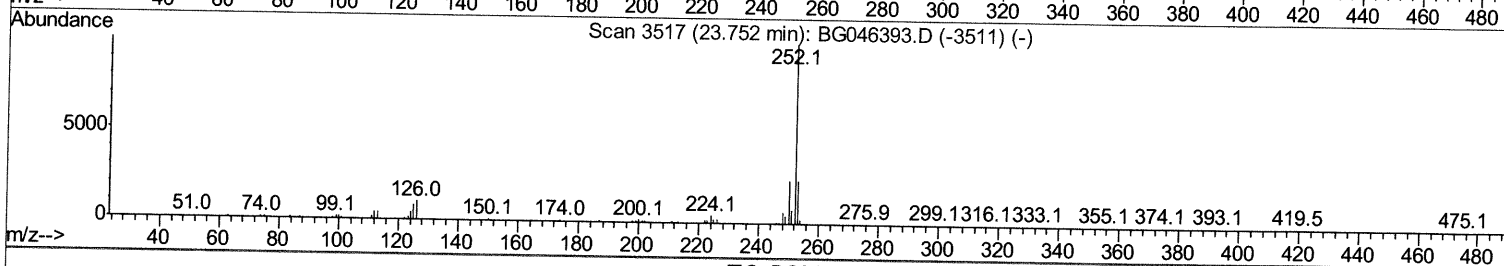
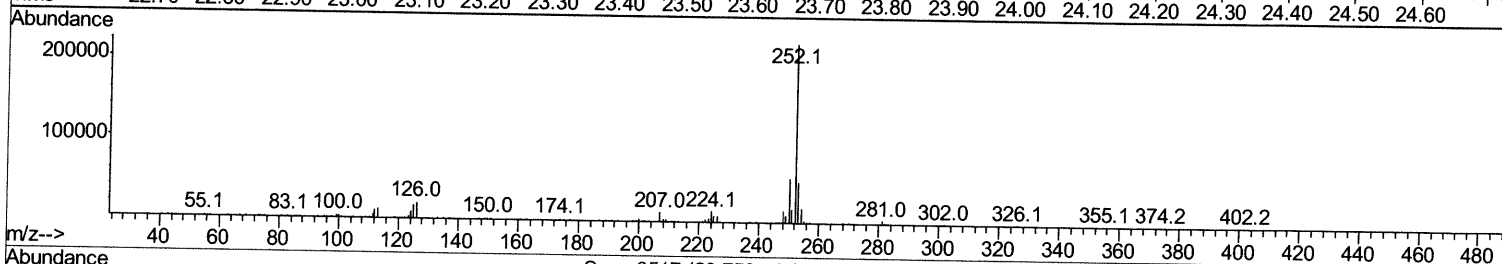
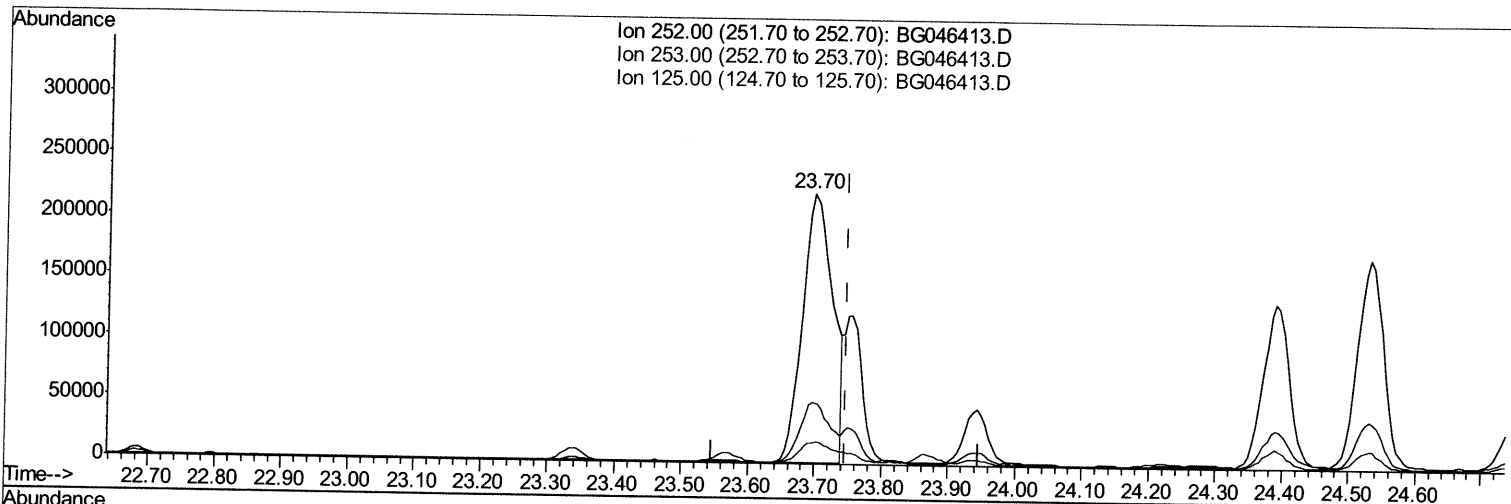
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TIC: BG046413.D

(25) Benzo(k)fluoranthene

23.696min (-0.051) 16.52ng/ul

response 689605

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.78
125.00	7.70	7.85
0.00	0.00	0.00

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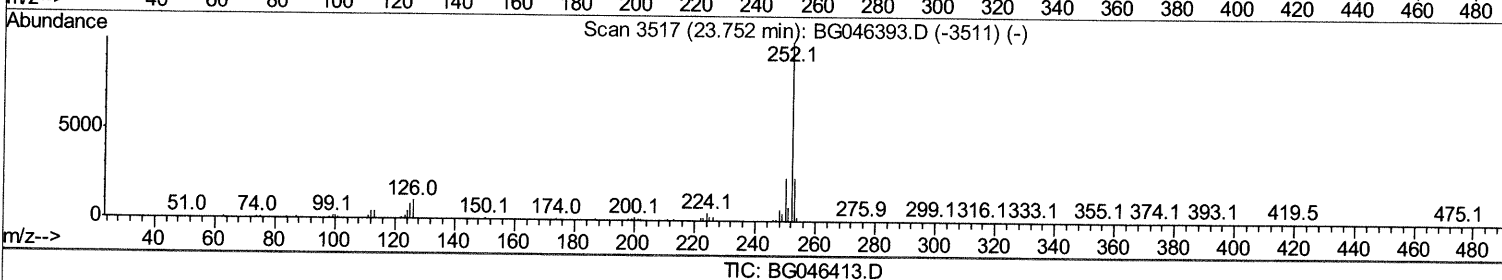
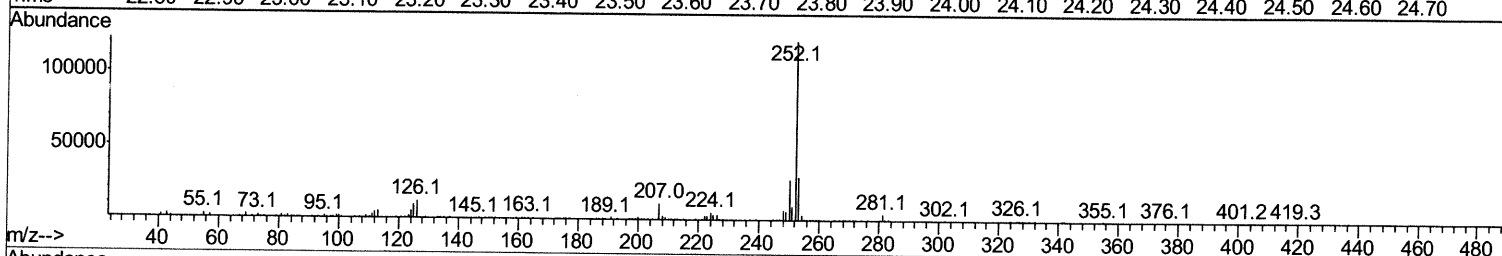
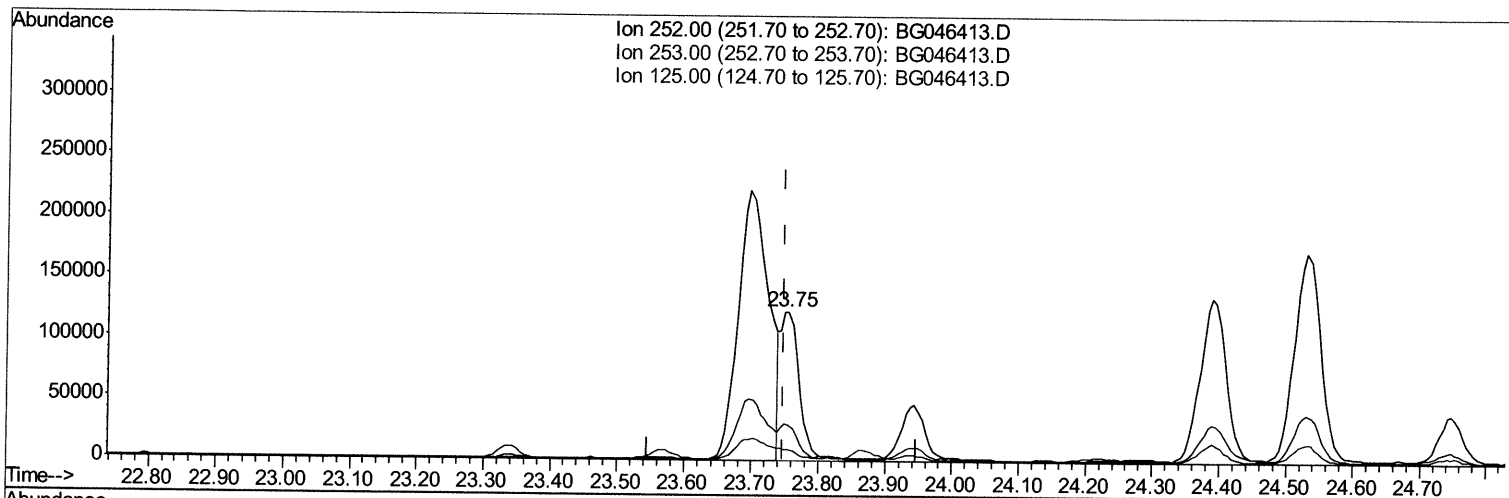
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(25) Benzo(k)fluoranthene

23.755min (+0.008) 5.75ng/ul m

response 240077

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.19
125.00	7.70	7.64
0.00	0.00	0.00

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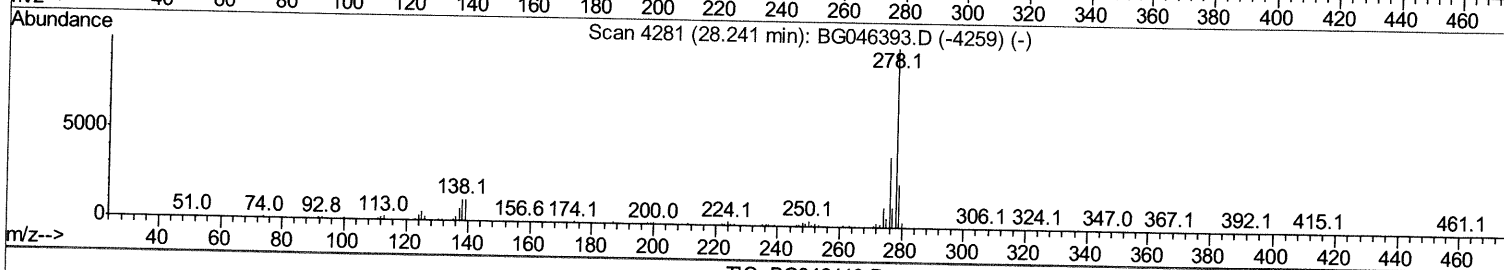
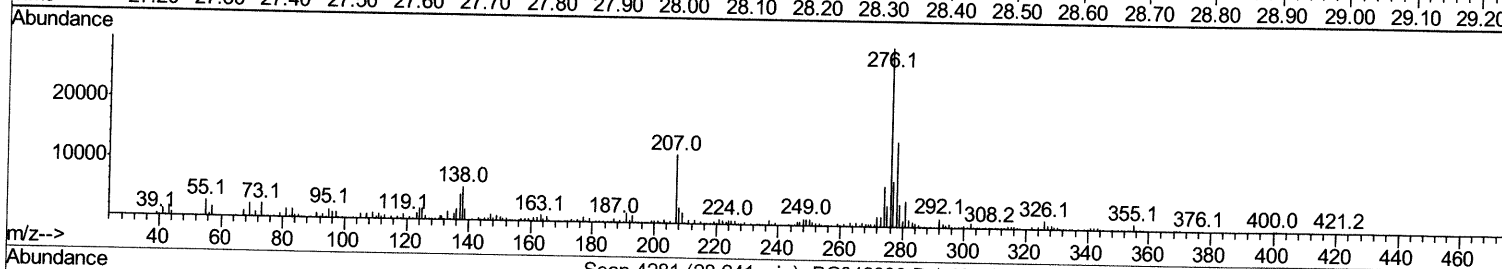
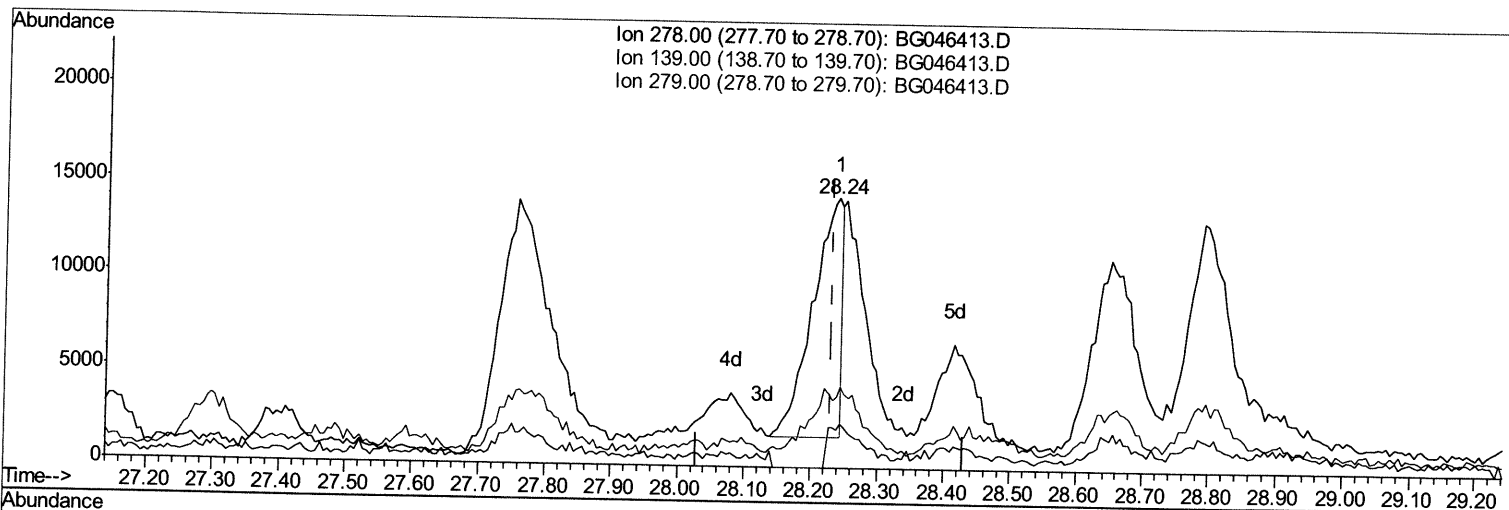
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TIC: BG046413.D

(29) Dibenzo(a,h)anthracene

28.238min (+0.008) 1.01ng/ul

response 39443

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	14.20
279.00	24.60	26.33
0.00	0.00	0.00

Quantitation Report (Qedit)

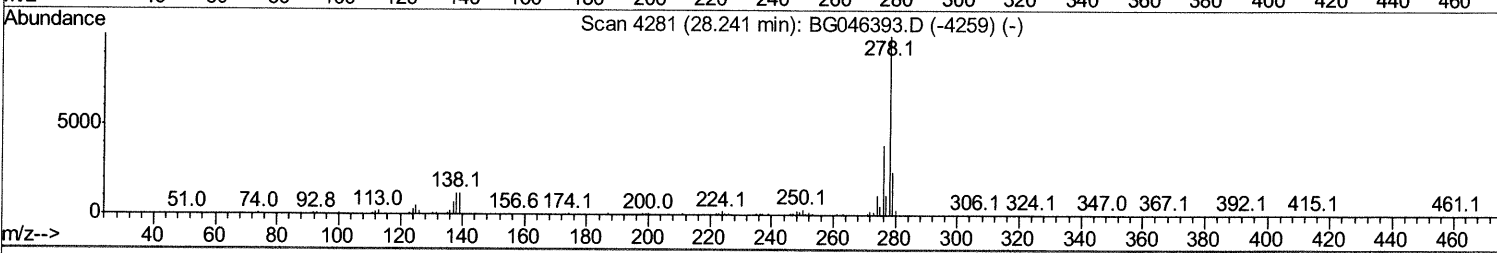
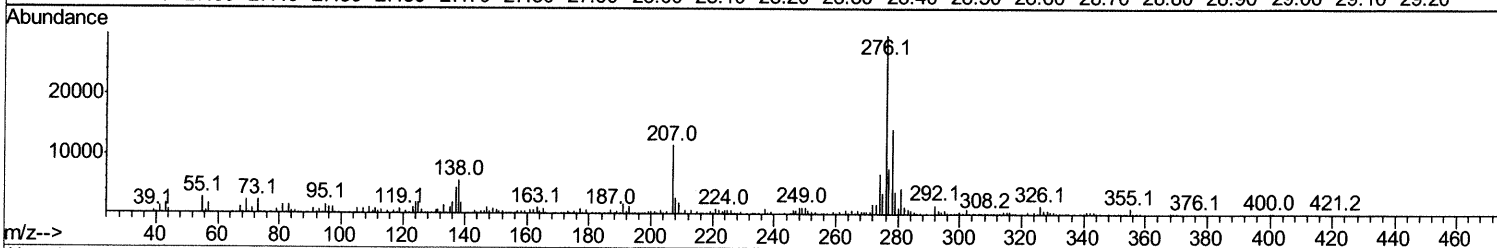
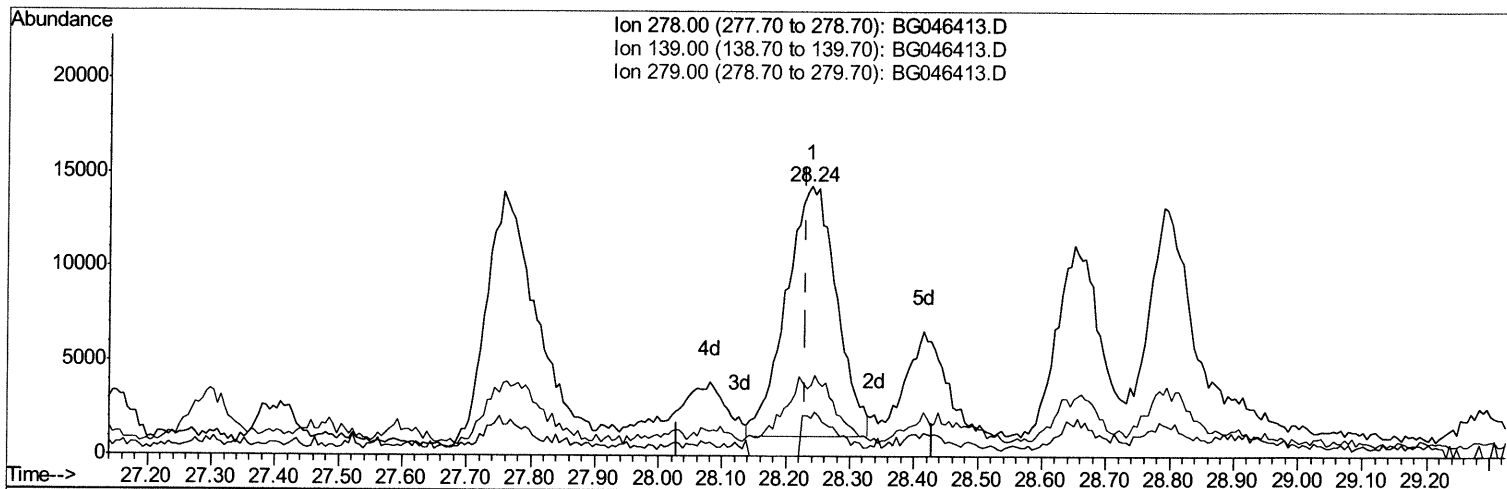
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TIC: BG046413.D

(29) Dibenzo(a,h)anthracene

28.238min (+0.008) 1.86ng/ul m

response 73101

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	14.20
279.00	24.60	26.33
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	105838	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	432165	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	279437	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	597462	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	571568	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	636256	20.00	ng/ul	0.01

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.36	165	121206	16.29	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	447712	17.41	ng/ul	0.00
10) Fluorene-d10	15.56	176	348286	17.67	ng/ul	0.00
15) Anthracene-d10	17.41	188	487414	17.60	ng/ul	0.00
19) Pyrene-d10	19.70	212	540137	18.36	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	569875	16.41	ng/ul	0.01

Target Compounds

						Qvalue
8) Acenaphthylene	14.29	152	62088	2.375	ng/ul	98
14) Phenanthrene	17.36	178	565855	17.216	ng/ul	100
16) Anthracene	17.44	178	80826	2.437	ng/ul	99
17) Fluoranthene	19.37	202	965012	26.330	ng/ul	100
20) Pyrene	19.73	202	983326	26.209	ng/ul	99
21) Benzo(a)anthracene	21.55	228	427986	11.509	ng/ul	95
22) Chrysene	21.60	228	510622	14.204	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	689605	16.390	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	240077m	5.752	ng/ul	99
27) Benzo(a)pyrene	24.53	252	455643	11.796	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.20	276	330936	6.842	ng/ul	96
29) Dibenzo(a,h)anthracene	28.24	278	73101m	1.864	ng/ul	99
30) Benzo(a,h,i)perylene	29.28	276	285255	7.047	ng/ul	99

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