

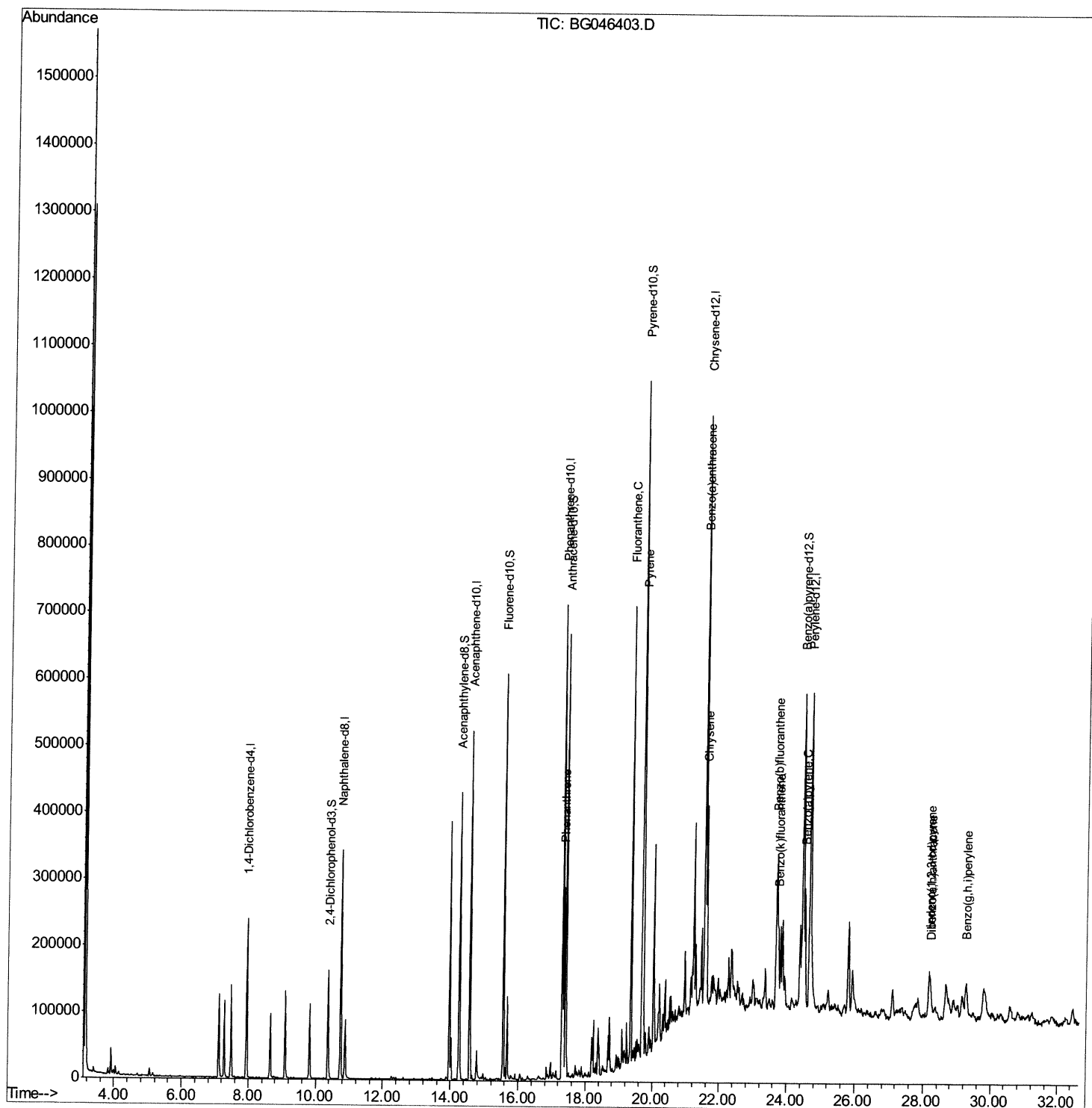
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMH2

Manual Integrations
APPROVED

mohammad
8/21/2020 12:48:49 PM

Quant Time: Aug 21 08:56:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 08:48:51 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

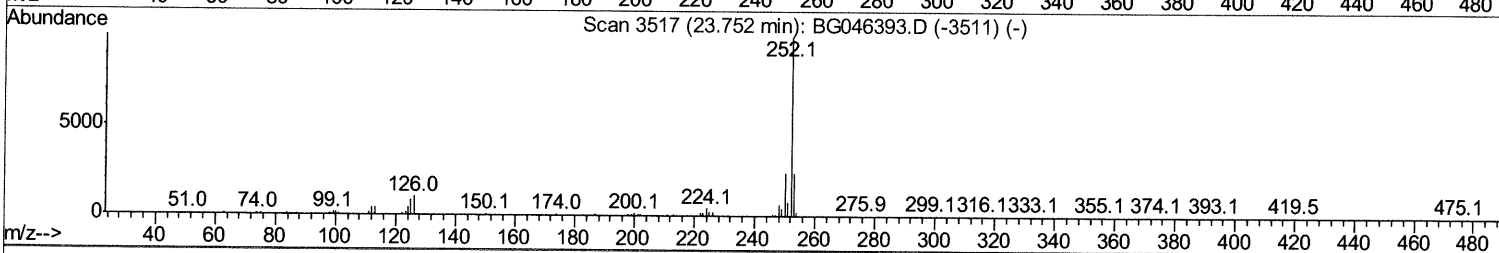
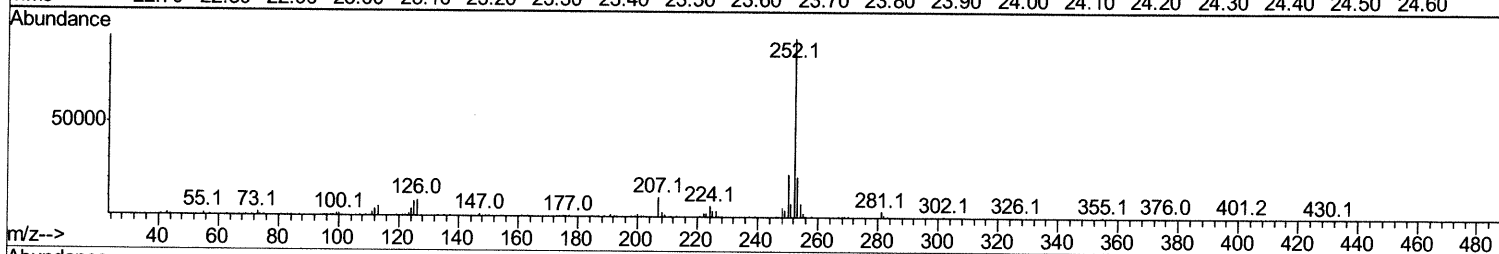
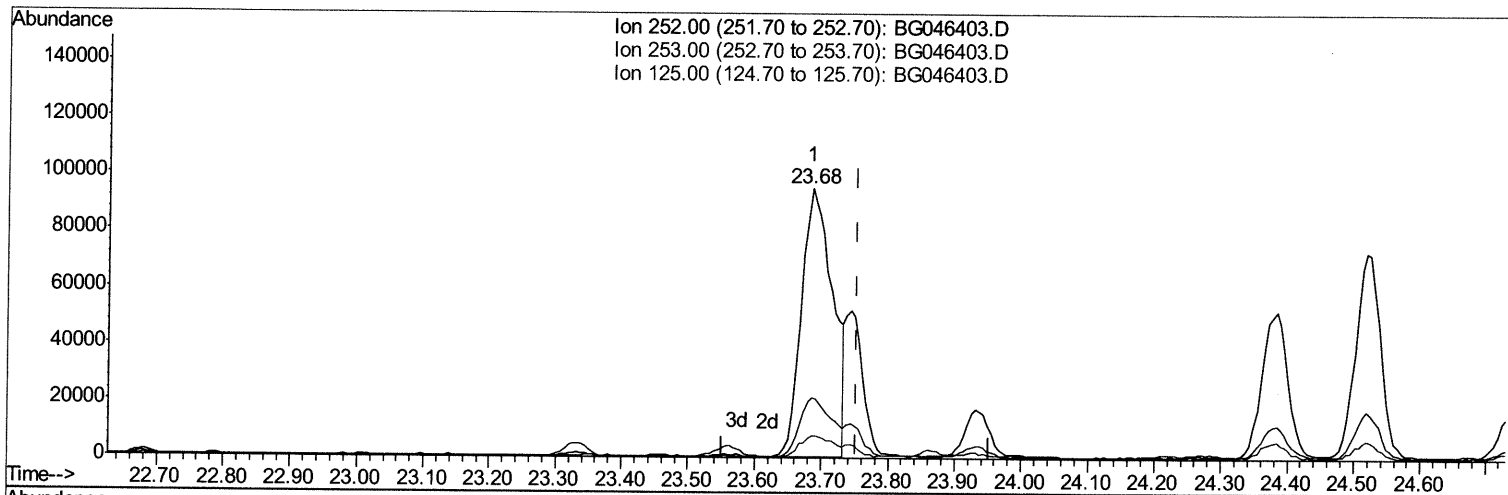
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046403.D
 Acq On : 21 Aug 2020 8:00
 Operator : CG/JU
 Sample : L3635-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 BFMH2

Manual Integrations
APPROVED

mohammad
 8/21/2020 12:48:49 PM

Quant Time: Aug 21 08:49:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 08:48:51 2020
 Response via : Initial Calibration



TIC: BG046403.D

(25) Benzo(k)fluoranthene

23.684min (-0.068) 9.02ng/ul

response 310191

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.44
125.00	7.70	8.31
0.00	0.00	0.00

Quantitation Report (Qedit)

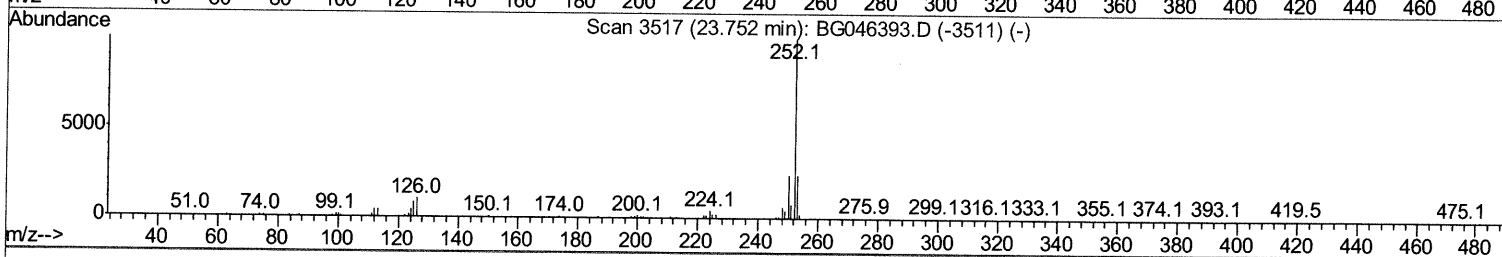
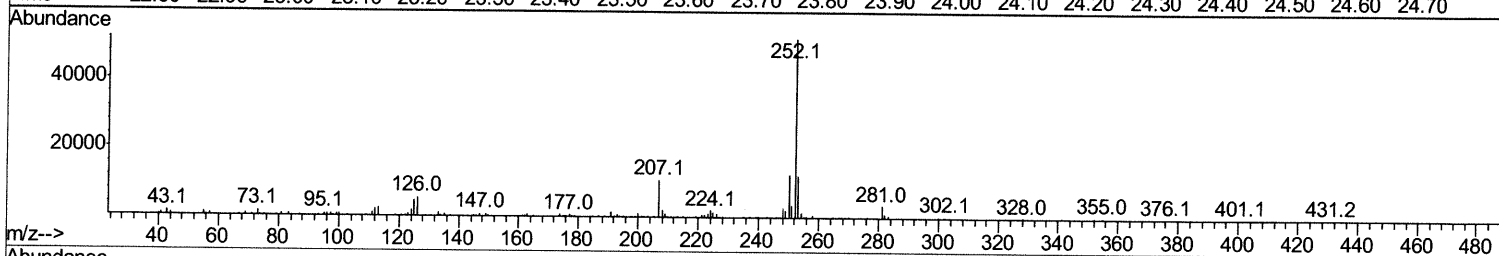
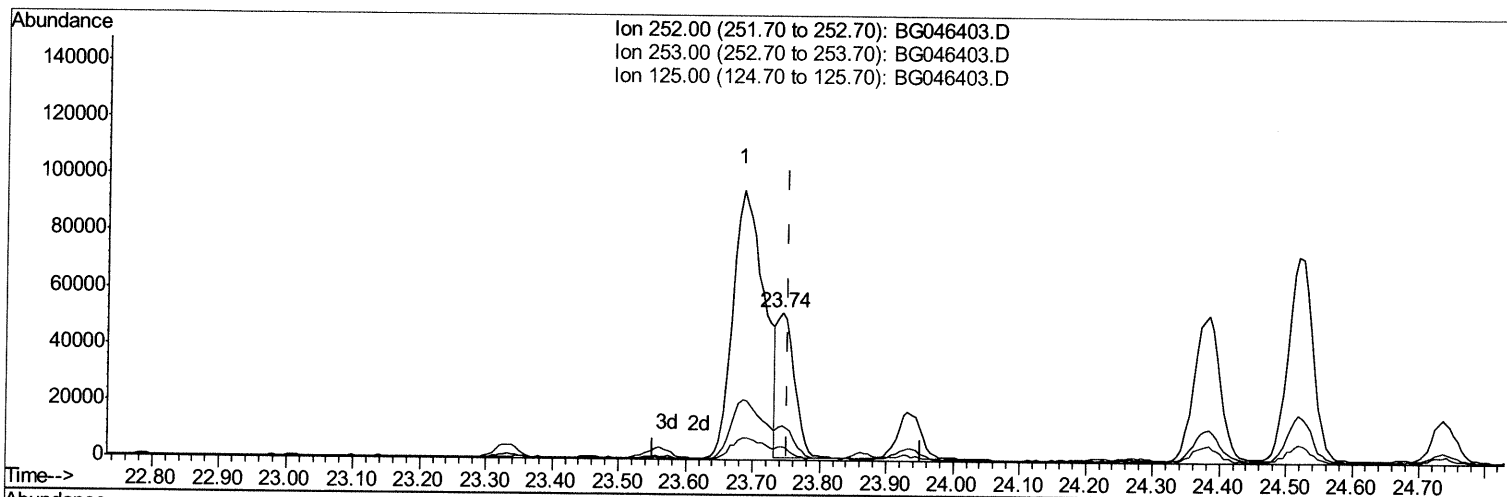
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046403.D
 Acq On : 21 Aug 2020 8:00
 Operator : CG/JU
 Sample : L3635-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH2

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:48:49 PM

Quant Time: Aug 21 08:49:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 08:48:51 2020
 Response via : Initial Calibration



TIC: BG046403.D

(25) Benzo(k)fluoranthene

23.743min (-0.009) 2.70ng/ul m

response 92650

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.66
125.00	7.70	8.87
0.00	0.00	0.00

Quantitation Report (Qedit)

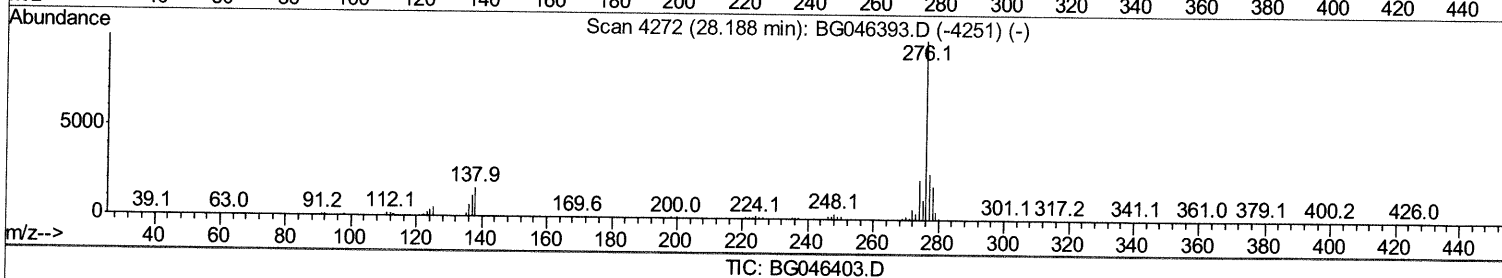
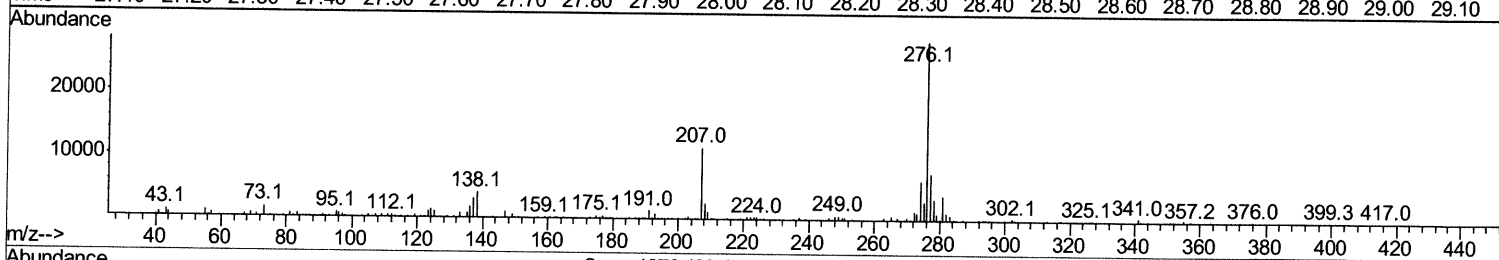
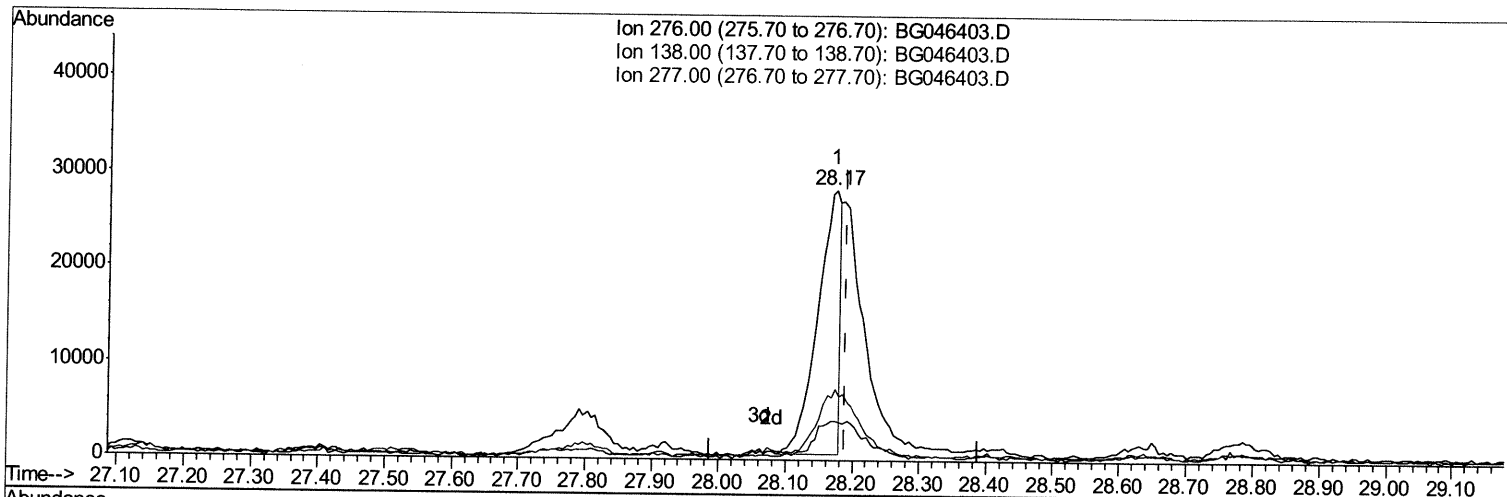
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046403.D
 Acq On : 21 Aug 2020 8:00
 Operator : CG/JU
 Sample : L3635-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH2

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:48:49 PM

Quant Time: Aug 21 08:49:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 08:48:51 2020
 Response via : Initial Calibration



(28) Indeno(1,2,3-cd)pyrene

28.173min (-0.015) 1.67ng/ul

response 66436

Ion	Exp%	Act%
276.00	100	100
138.00	16.50	14.54
277.00	24.90	26.27
0.00	0.00	0.00

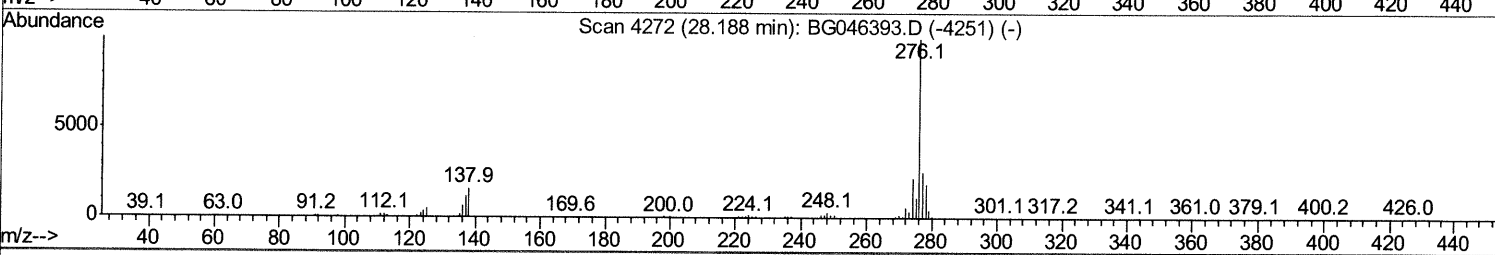
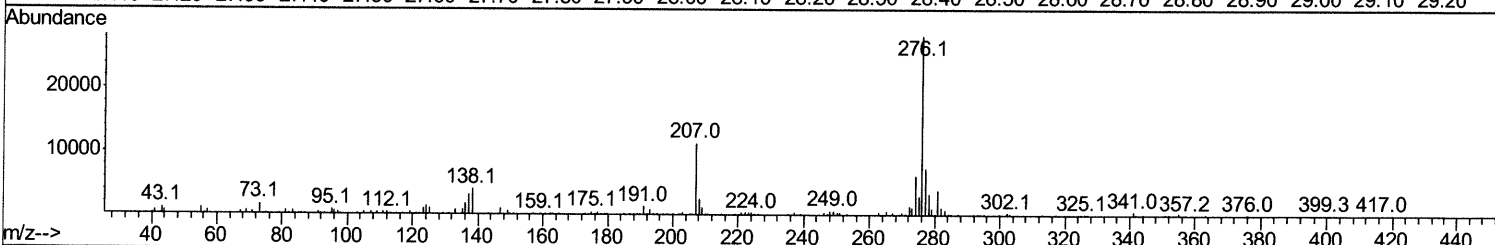
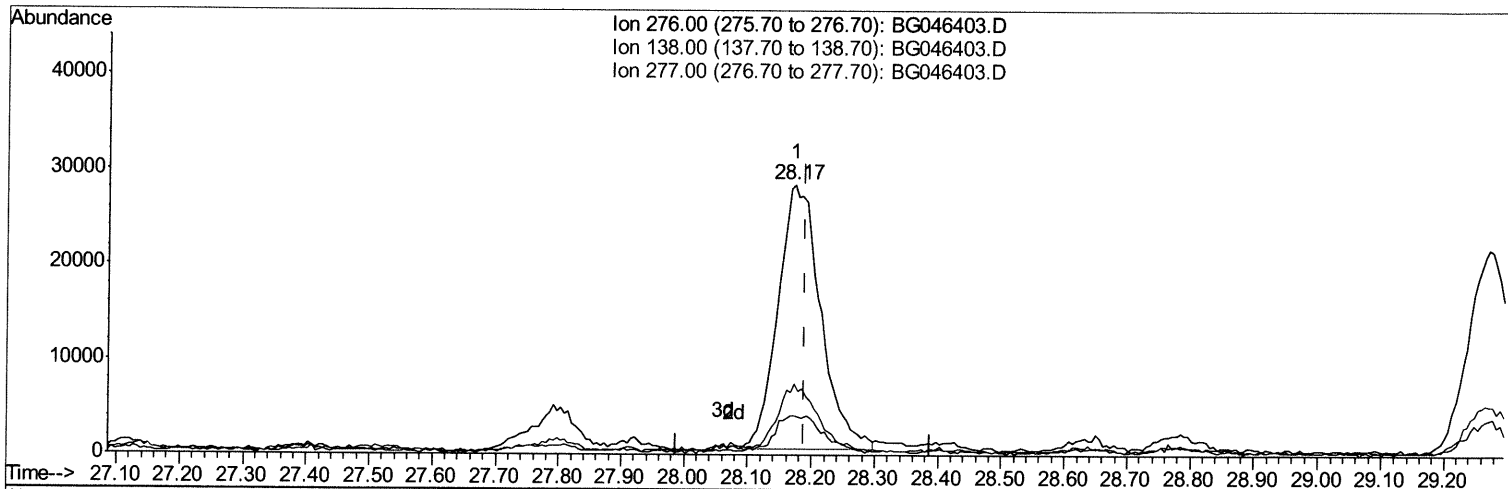
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046403.D
 Acq On : 21 Aug 2020 8:00
 Operator : CG/JU
 Sample : L3635-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BFMH2

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:48:49 PM

Quant Time: Aug 21 08:49:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 08:48:51 2020
 Response via : Initial Calibration



TIC: BG046403.D

(28) Indeno(1,2,3-cd)pyrene

28.173min (-0.015) 3.21ng/ul m

response 127934

Ion	Exp%	Act%
276.00	100	100
138.00	16.50	14.54
277.00	24.90	26.27
0.00	0.00	0.00

Handwritten signature: JU 8/24/20

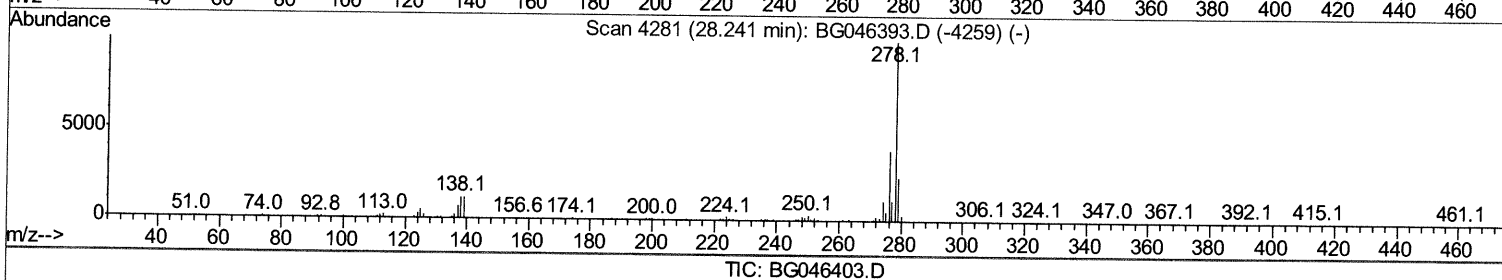
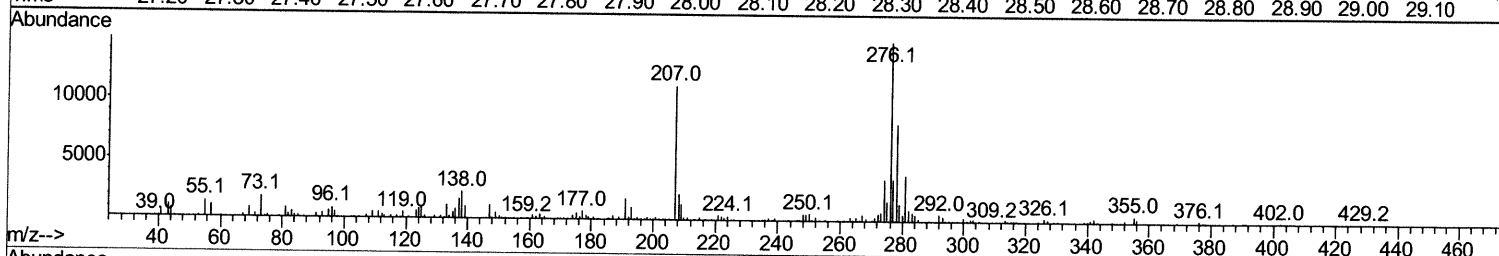
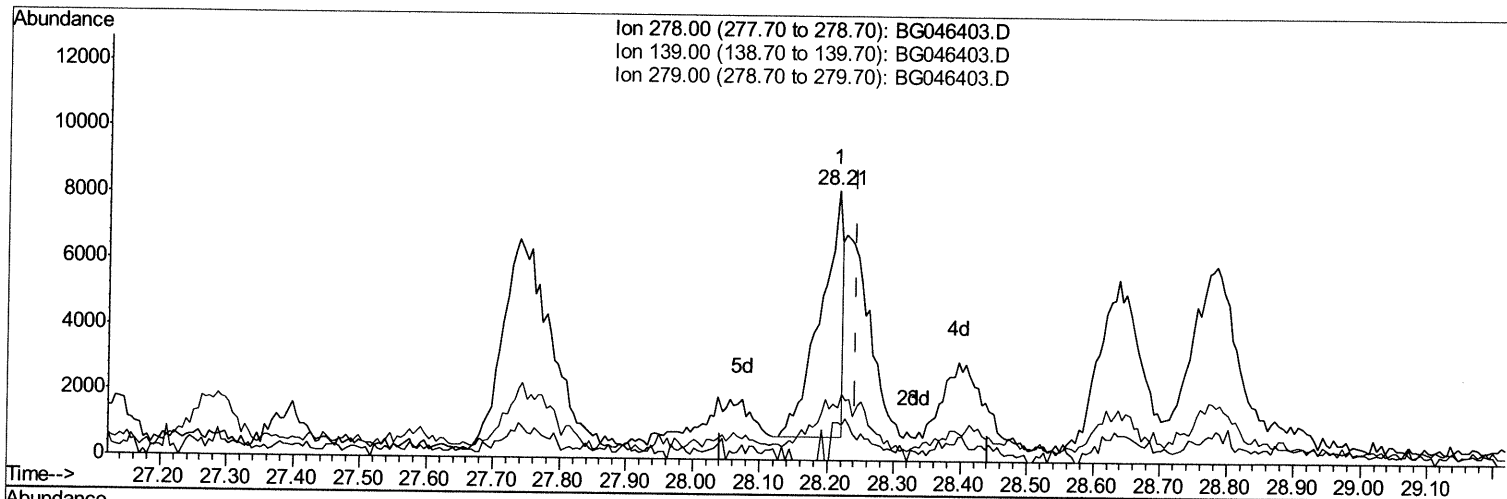
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMH2

Manual Integrations
APPROVED

mohammad
8/21/2020 12:48:49 PM

Quant Time: Aug 21 08:55:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 08:48:51 2020
Response via : Initial Calibration



(29) Dibenzo(a,h)anthracene

28.214min (-0.027) 0.53ng/ul

response 17162

Ion	Exp%	Act%
-----	------	------

278.00	100	100
--------	-----	-----

139.00	12.30	14.19
--------	-------	-------

279.00	24.60	19.50#
--------	-------	--------

0.00	0.00	0.00
------	------	------

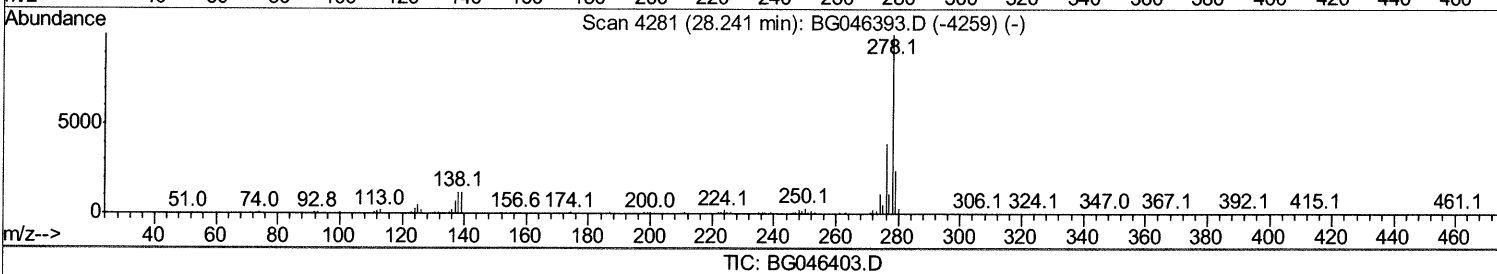
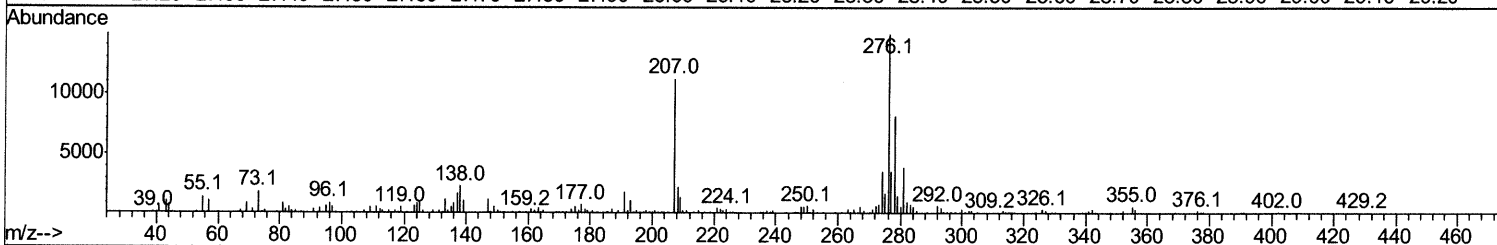
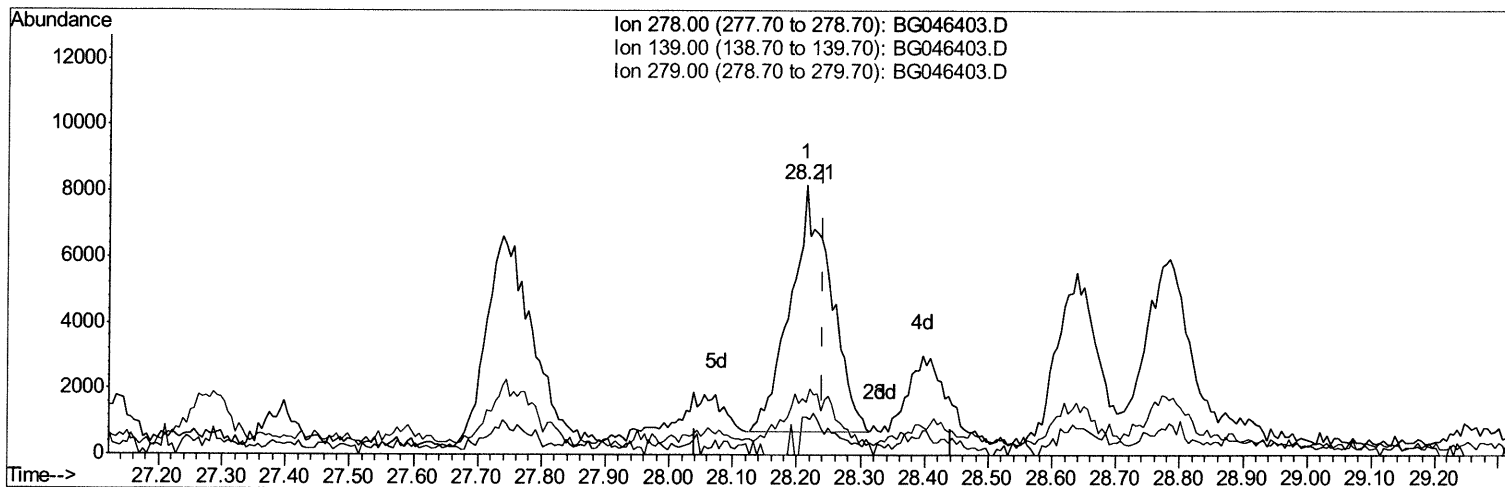
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046403.D
Acq On : 21 Aug 2020 8:00
Operator : CG/JU
Sample : L3635-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMH2

Manual Integrations
APPROVED

mohammad
8/21/2020 12:48:49 PM

Quant Time: Aug 21 08:55:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 08:48:51 2020
Response via : Initial Calibration



(29) Dibenzo(a,h)anthracene

28.214min (-0.027) 1.02ng/ul m

response 33018

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	14.19
279.00	24.60	19.50#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046403.D
 Acq On : 21 Aug 2020 8:00
 Operator : CG/JU
 Sample : L3635-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH2

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:48:49 PM

Quant Time: Aug 21 08:56:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 08:48:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	77629	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	304366	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	196012	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	466327	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	482522	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	524033	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	74978	14.31	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	324957	18.01	ng/ul	0.00
10) Fluorene-d10	15.56	176	257501	18.63	ng/ul	0.00
15) Anthracene-d10	17.41	188	401258	18.56	ng/ul	0.00
19) Pyrene-d10	19.70	212	493922	19.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	529724	18.52	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.35	178	192360	7.498	ng/ul	99
17) Fluoranthene	19.36	202	436605	15.263	ng/ul	99
20) Pyrene	19.72	202	396507	12.519	ng/ul	98
21) Benzo(a)anthracene	21.54	228	196987	6.275	ng/ul	97
22) Chrysene	21.60	228	228951	7.544	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	310191	8.951	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	92650m	2.695	ng/ul	99
27) Benzo(a)pyrene	24.52	252	185790	5.840	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.17	276	127934m	3.212	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	33018m	1.022	ng/ul	99
30) Benzo(a,h,i)perylene	29.27	276	105084	3.152	ng/ul	99

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