

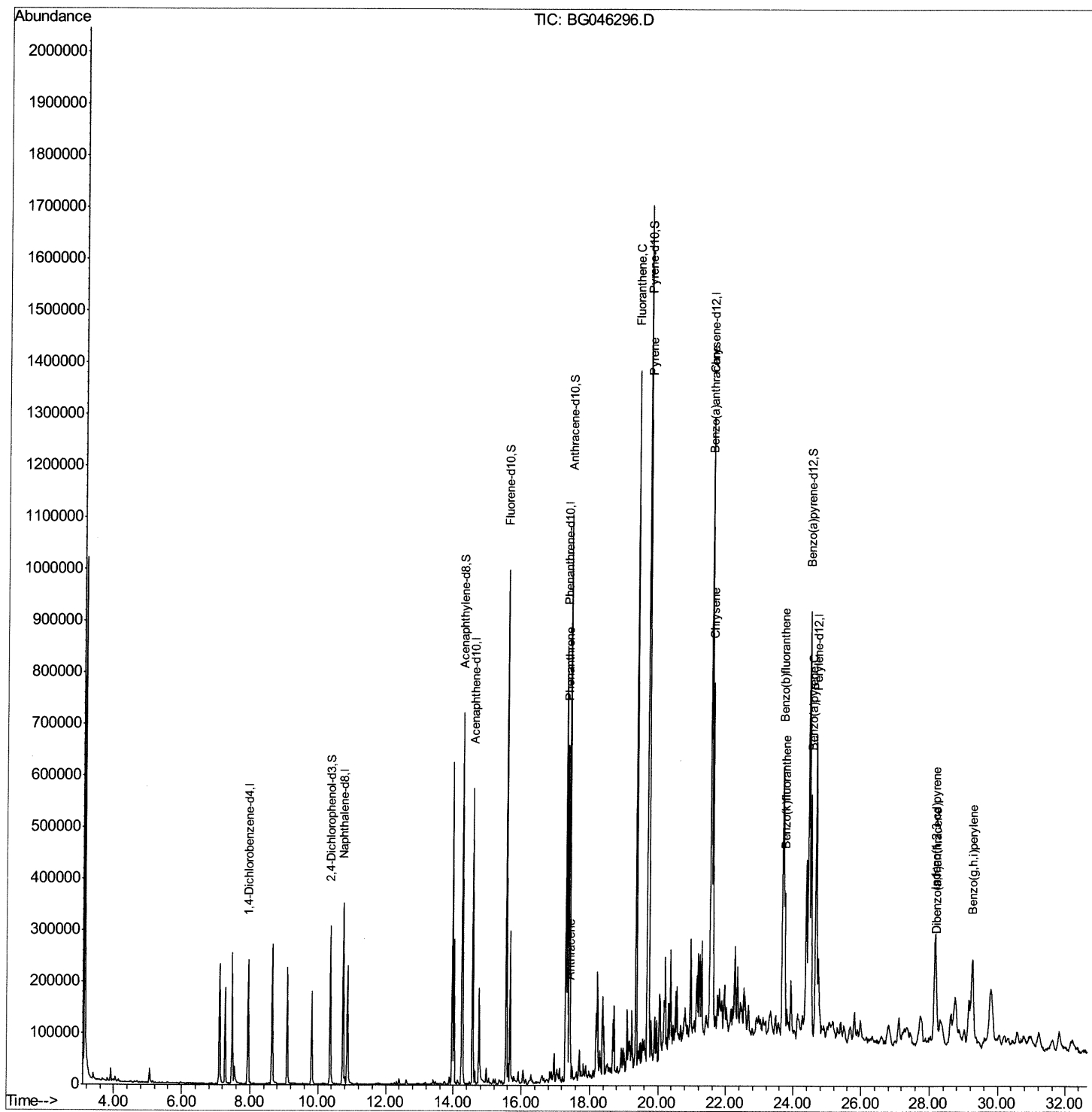
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046296.D
Acq On : 17 Aug 2020 13:50
Operator : CG/JU
Sample : L3632-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM79

Manual Integrations
APPROVED

mohammad
8/19/2020 2:15:39 PM

Quant Time: Aug 17 16:20:02 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)

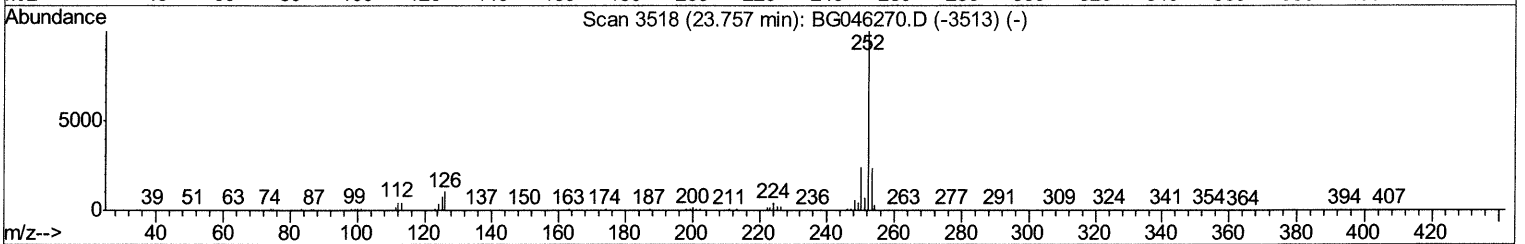
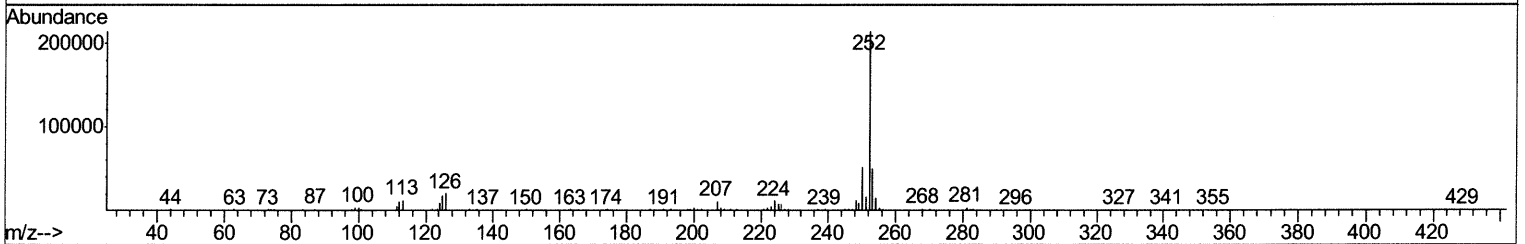
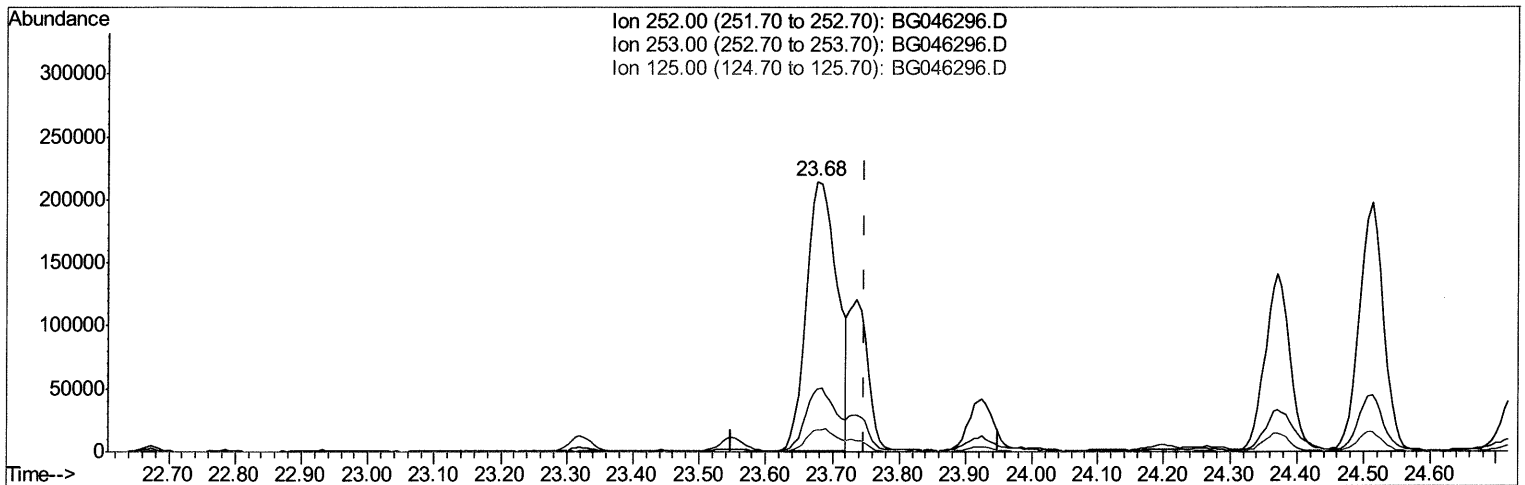
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046296.D
 Acq On : 17 Aug 2020 13:50
 Operator : CG/JU
 Sample : L3632-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 BFM79

Manual Integrations
APPROVED

mohammad
 8/19/2020 2:15:39 PM

Quant Time: Aug 17 16:02:54 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



TIC: BG046296.D

(25) Benzo(k)fluoranthene

23.678min (-0.070) 17.30ng/ul

response 687802

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.23
125.00	7.70	8.11
0.00	0.00	0.00

Quantitation Report (Qedit)

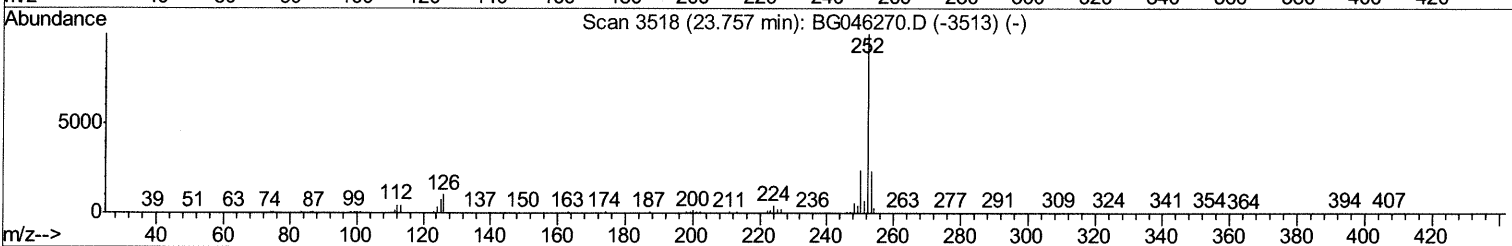
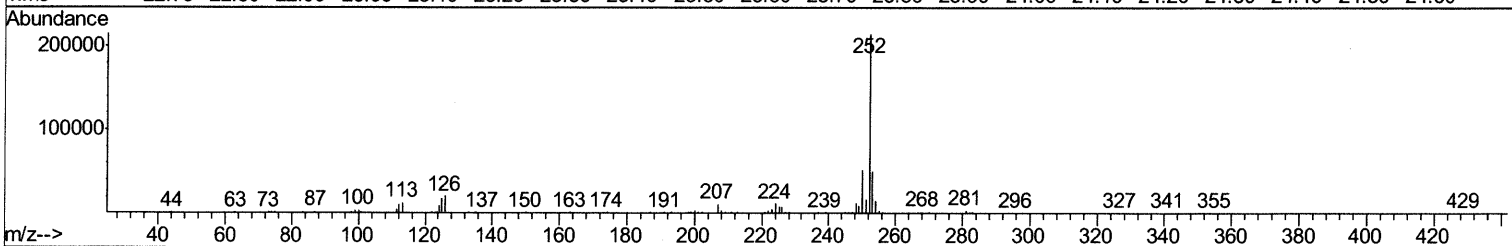
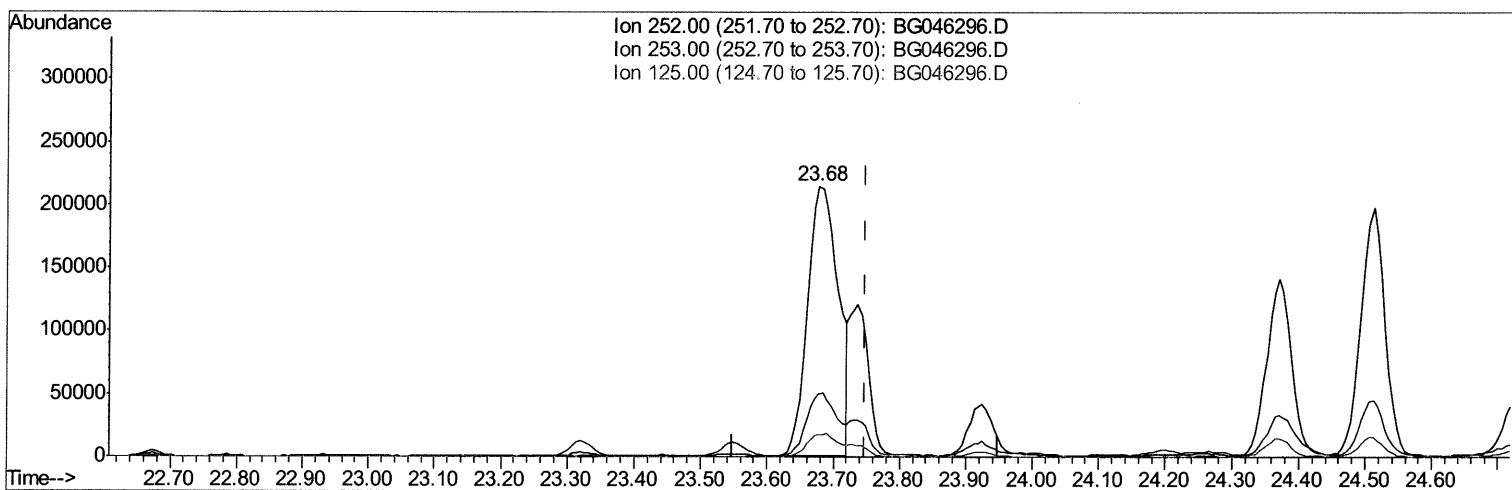
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046296.D
 Acq On : 17 Aug 2020 13:50
 Operator : CG/JU
 Sample : L3632-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 BFM79

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:15:39 PM

Quant Time: Aug 17 16:02:54 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



TIC: BG046296.D

(25) Benzo(k)fluoranthene

23.678min (-0.070) 17.30ng/ul

response 687802

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.23
125.00	7.70	8.11
0.00	0.00	0.00

Quantitation Report (Qedit)

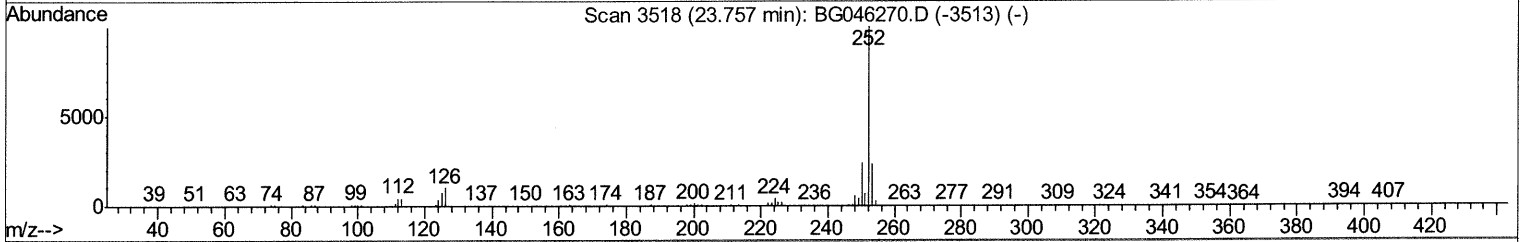
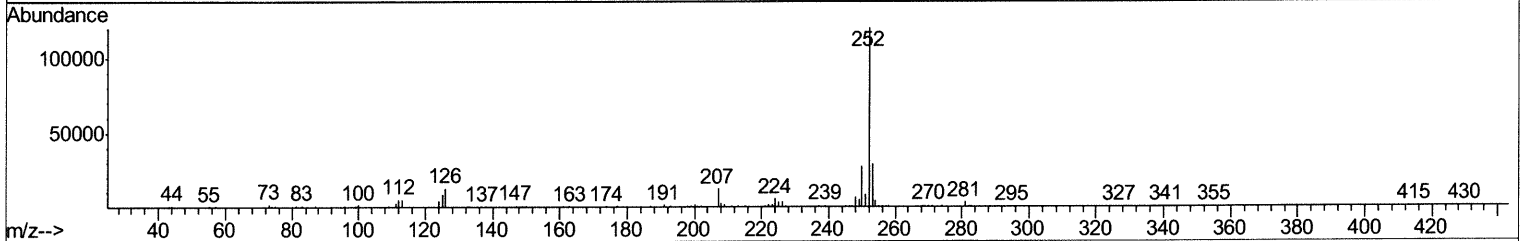
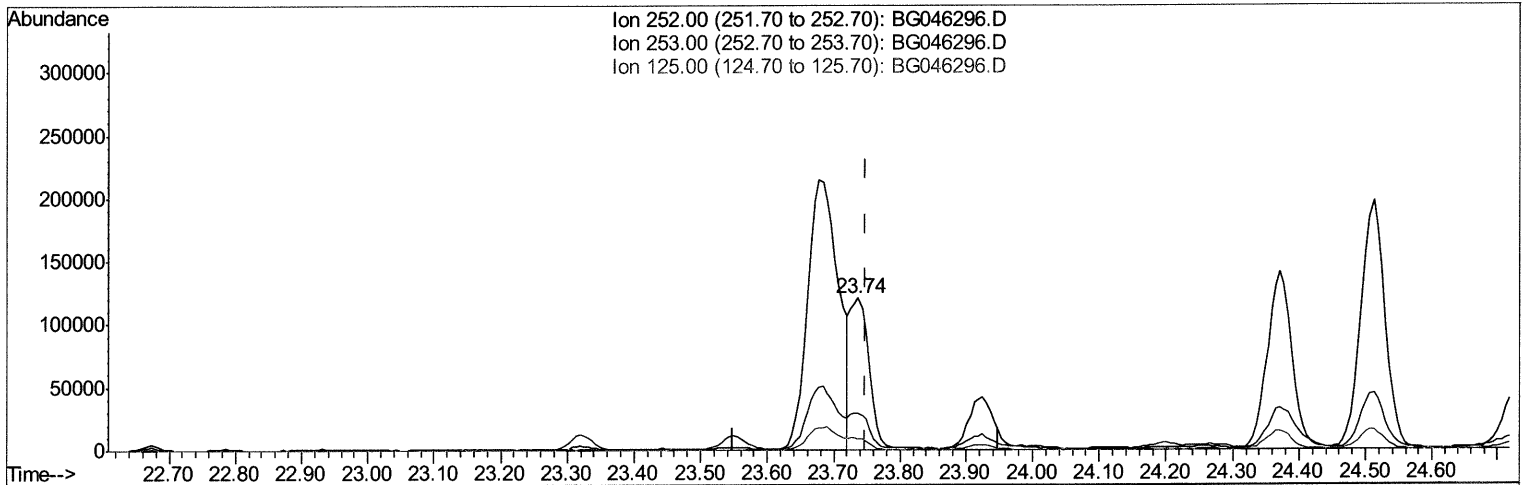
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046296.D
 Acq On : 17 Aug 2020 13:50
 Operator : CG/JU
 Sample : L3632-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 BFM79

Manual Integrations
APPROVED

mohammad
 8/19/2020 2:15:39 PM

Quant Time: Aug 17 16:02:54 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



TIC: BG046296.D

(25) Benzo(k)fluoranthene

23.736min (-0.012) 6.14ng/ul m 08/20/20 J4

response 244157

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.42
125.00	7.70	7.09
0.00	0.00	0.00

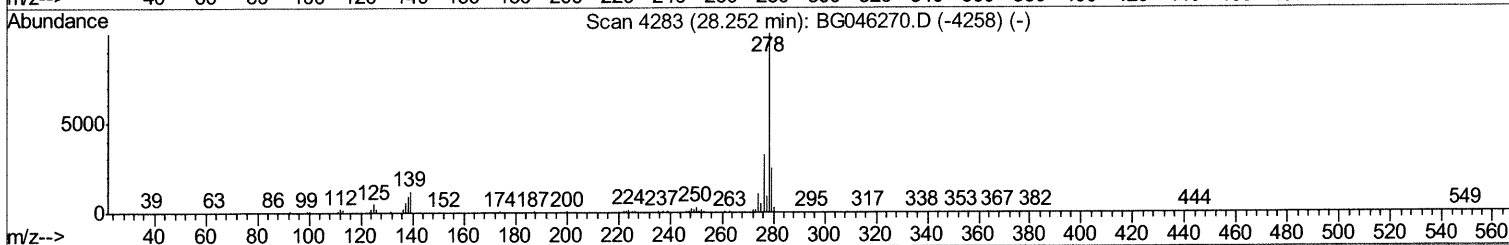
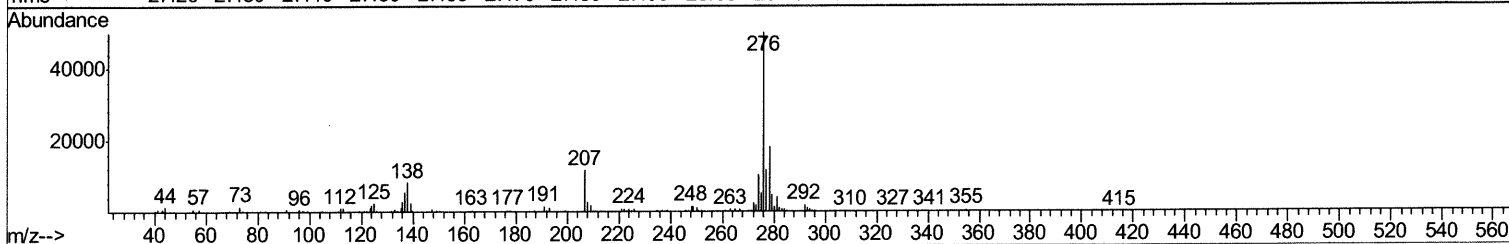
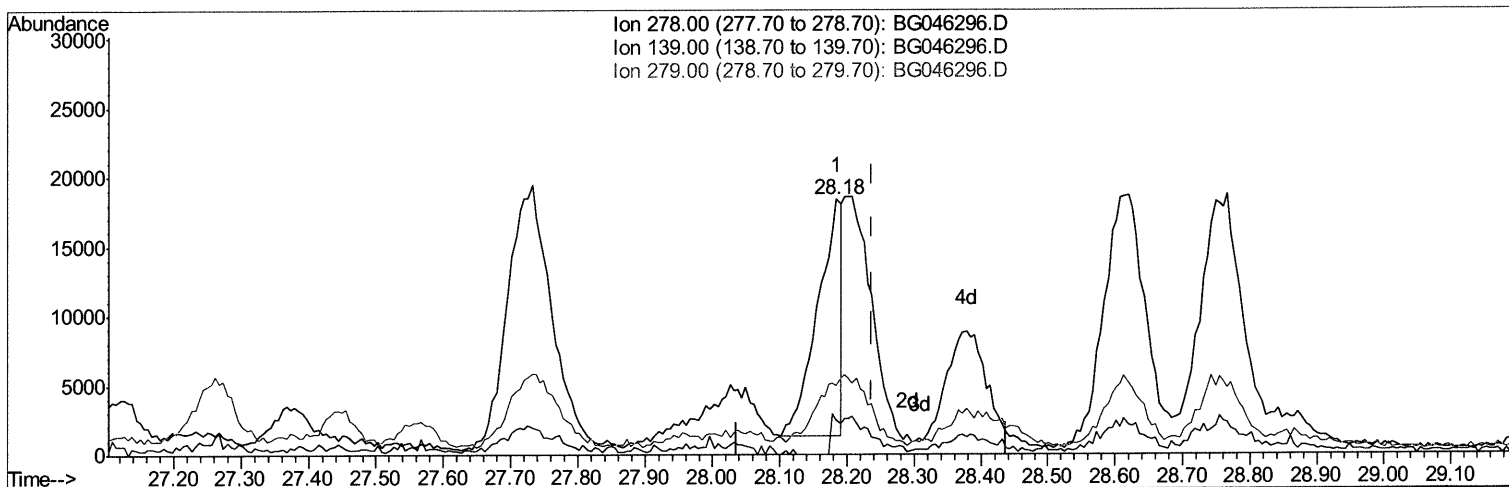
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046296.D
Acq On : 17 Aug 2020 13:50
Operator : CG/JU
Sample : L3632-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM79

Manual Integrations
APPROVED

mohammad
8/19/2020 2:15:39 PM

Quant Time: Aug 17 16:02:54 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



TIC: BG046296.D

(29) Dibenzo(a,h)anthracene

28.184min (-0.053) 1.12ng/ul

response 41925

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	16.48#
279.00	24.60	27.15
0.00	0.00	0.00

Quantitation Report (Qedit)

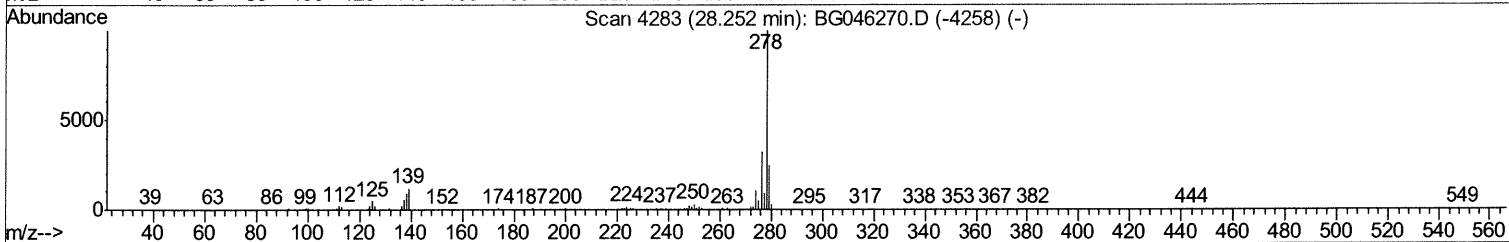
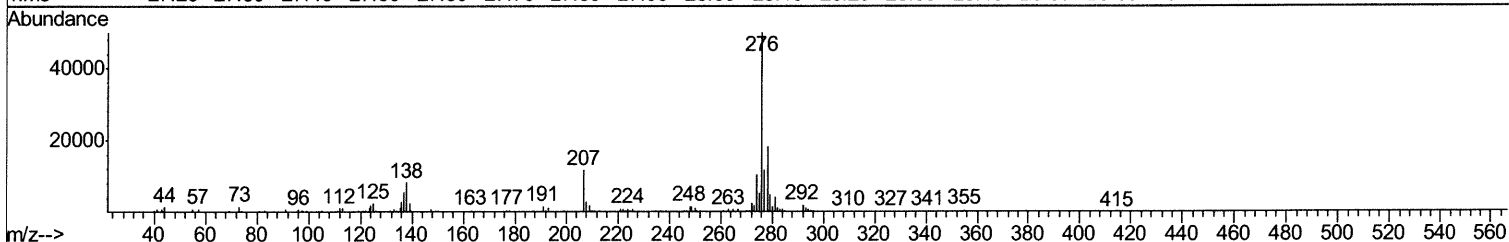
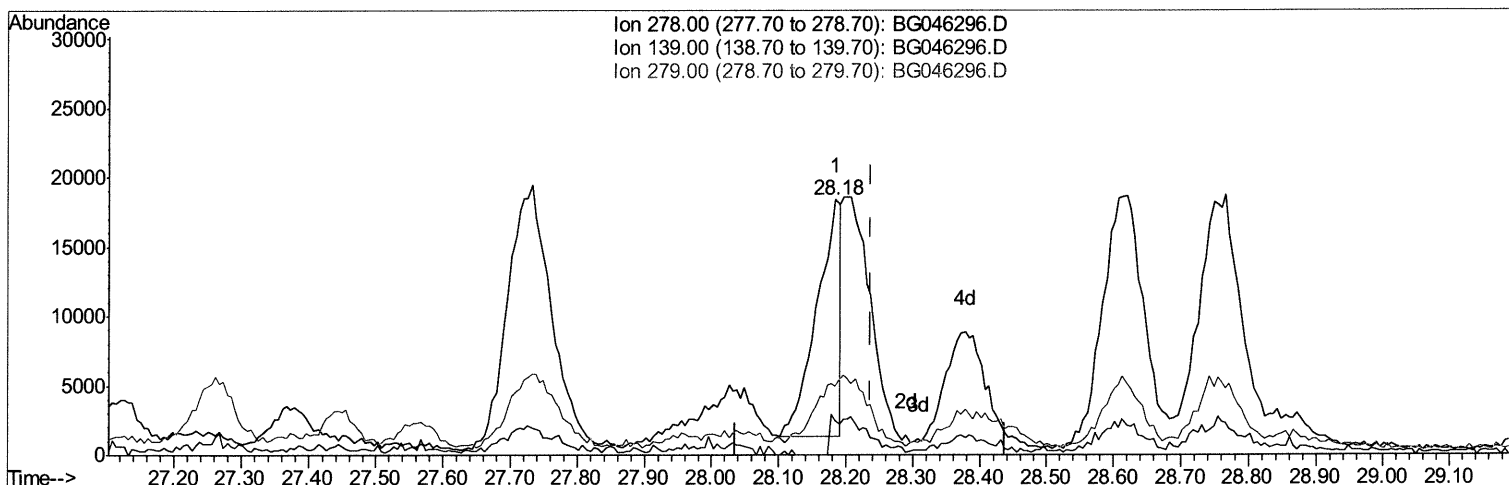
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046296.D
 Acq On : 17 Aug 2020 13:50
 Operator : CG/JU
 Sample : L3632-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM79

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:15:39 PM

Quant Time: Aug 17 16:02:54 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



TIC: BG046296.D

(29) Dibenzo(a,h)anthracene

28.184min (-0.053) 1.12ng/ul

response 41925

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	16.48#
279.00	24.60	27.15
0.00	0.00	0.00

Quantitation Report (Qedit)

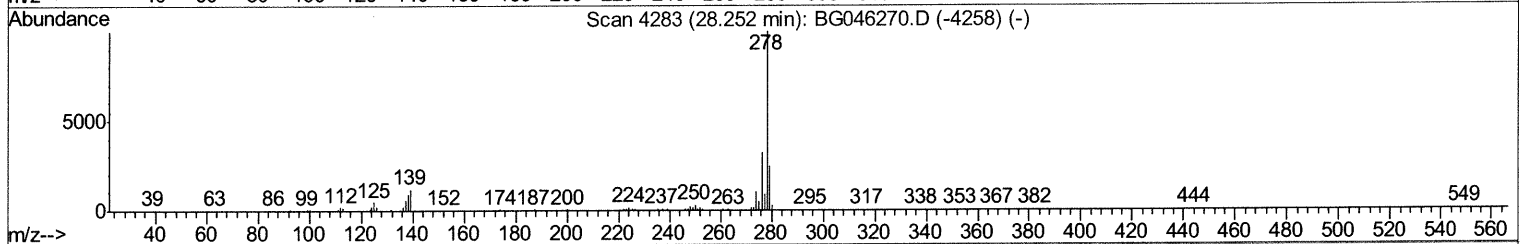
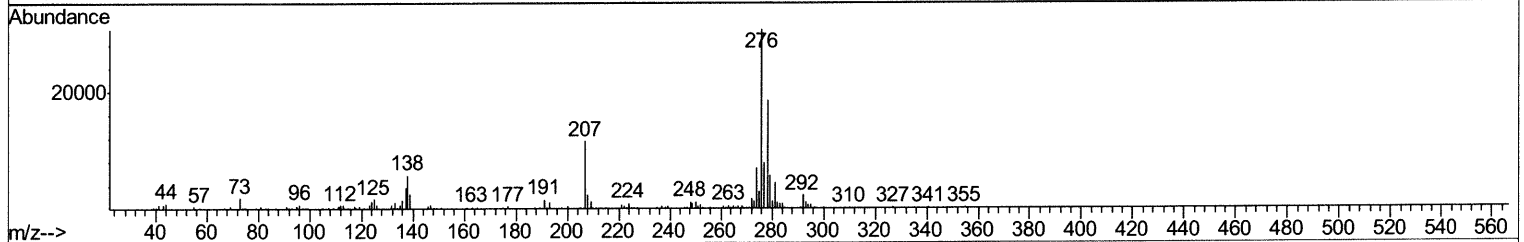
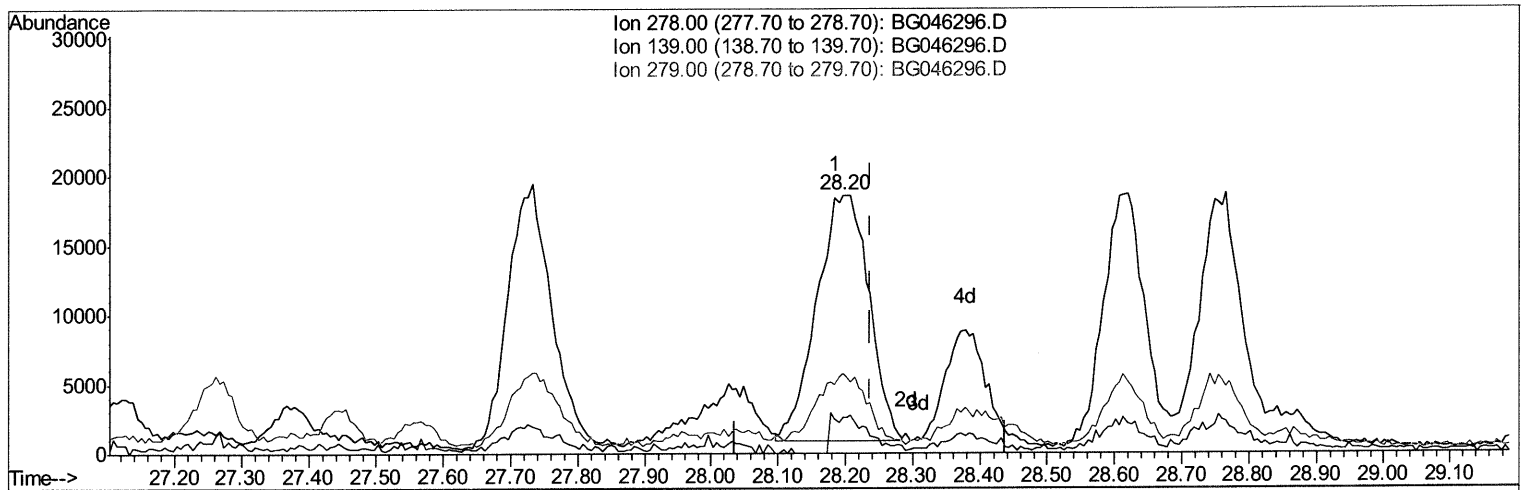
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046296.D
Acq On : 17 Aug 2020 13:50
Operator : CG/JU
Sample : L3632-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM79

Manual Integrations
APPROVED

mohammad
8/19/2020 2:15:39 PM

Quant Time: Aug 17 16:02:54 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



TIC: BG046296.D

(29) Dibenzo(a,h)anthracene

28.196min (-0.041) 2.54ng/ul m

08/20/20 JU

response 94892

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	13.98
279.00	24.60	30.68#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
 Data File : BG046296.D
 Acq On : 17 Aug 2020 13:50
 Operator : CG/JU
 Sample : L3632-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFM79

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:15:39 PM

Quant Time: Aug 17 16:20:02 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	76204	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.73	136	311896	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.56	164	216746	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.31	188	528374	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	564983	20.00	ng/ul	0.00
23) Perylene-d12	24.65	264	605940	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.36	165	134371	25.02	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	547944	27.47	ng/ul	0.00
10) Fluorene-d10	15.56	176	415896	27.21	ng/ul	0.00
15) Anthracene-d10	17.41	188	667872	27.27	ng/ul	0.00
19) Pvrene-d10	19.69	212	831118	28.58	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	928910	28.09	ng/ul	-0.01

Target Compounds

						Qvalue
14) Phenanthrene	17.35	178	421251	14.492	ng/ul	99
16) Anthracene	17.44	178	64342	2.194	ng/ul	98
17) Fluoranthene	19.36	202	830000	25.608	ng/ul	99
20) Pyrene	19.72	202	784084	21.142	ng/ul	98
21) Benzo(a)anthracene	21.53	228	457427	12.444	ng/ul	96
22) Chrysene	21.60	228	478818	13.474	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	687802	17.165	ng/ul	98
25) Benzo(k)fluoranthene	23.74	252	244157m>	6.143	ng/ul >	98
27) Benzo(a)pyrene	24.51	252	491080	13.349	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.15	276	361115	7.840	ng/ul	99
29) Dibenzo(a,h)anthracene	28.20	278	94892m>	2.541	ng/ul >	99
30) Benzo(a,h,i)perylene	29.25	276	323979	8.404	ng/ul	98

08/20/20 JU

08/20/20 JU

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