

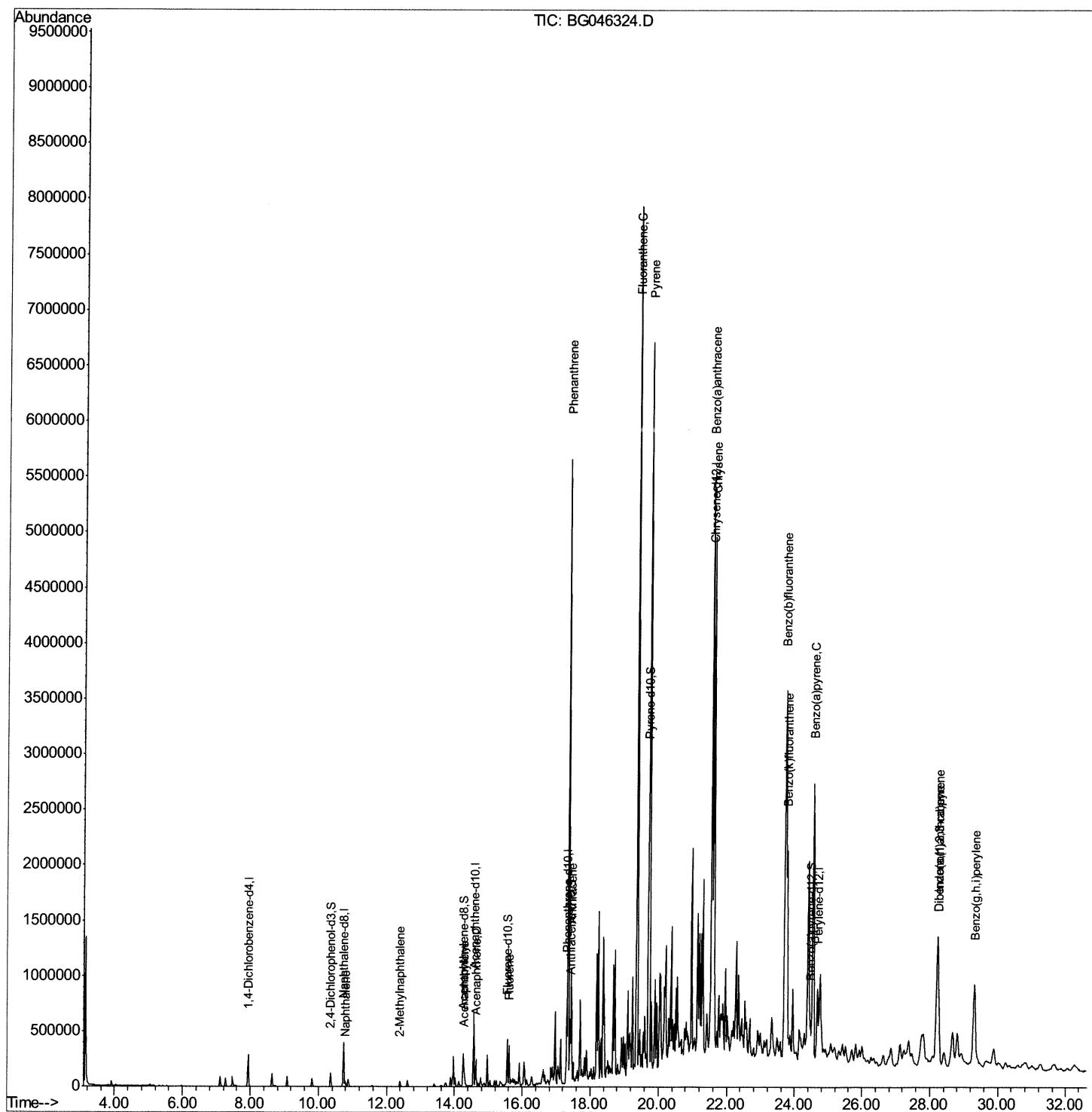
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMK4

Manual Integrations
APPROVED

mohammad
8/19/2020 2:17:52 PM

Quant Time: Aug 18 13:13:05 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)

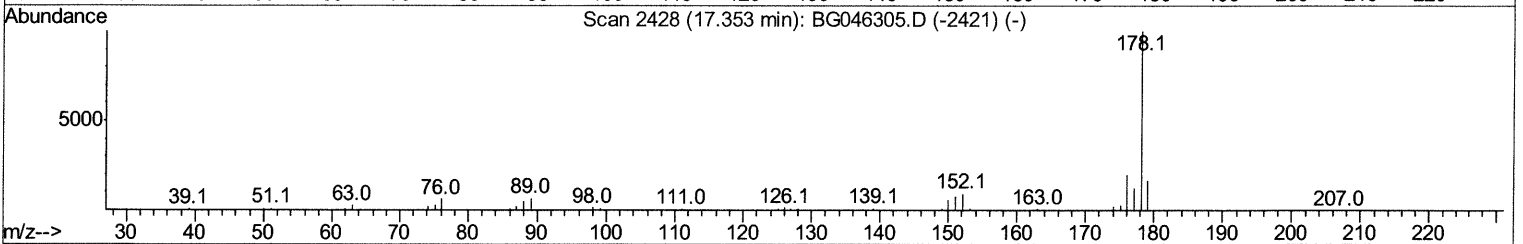
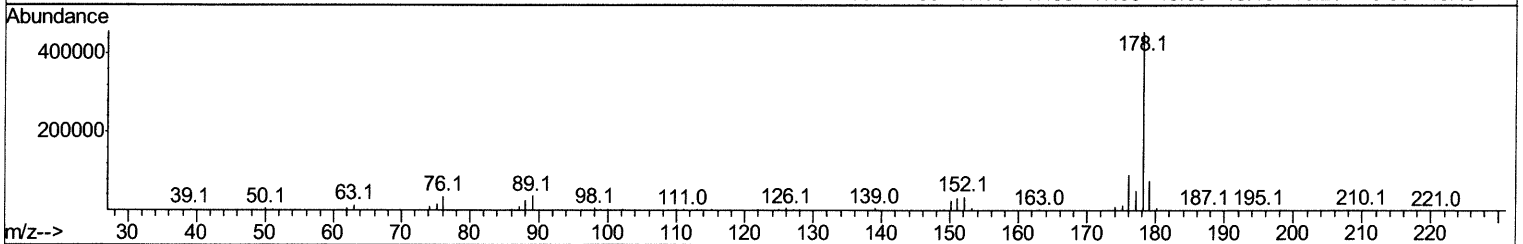
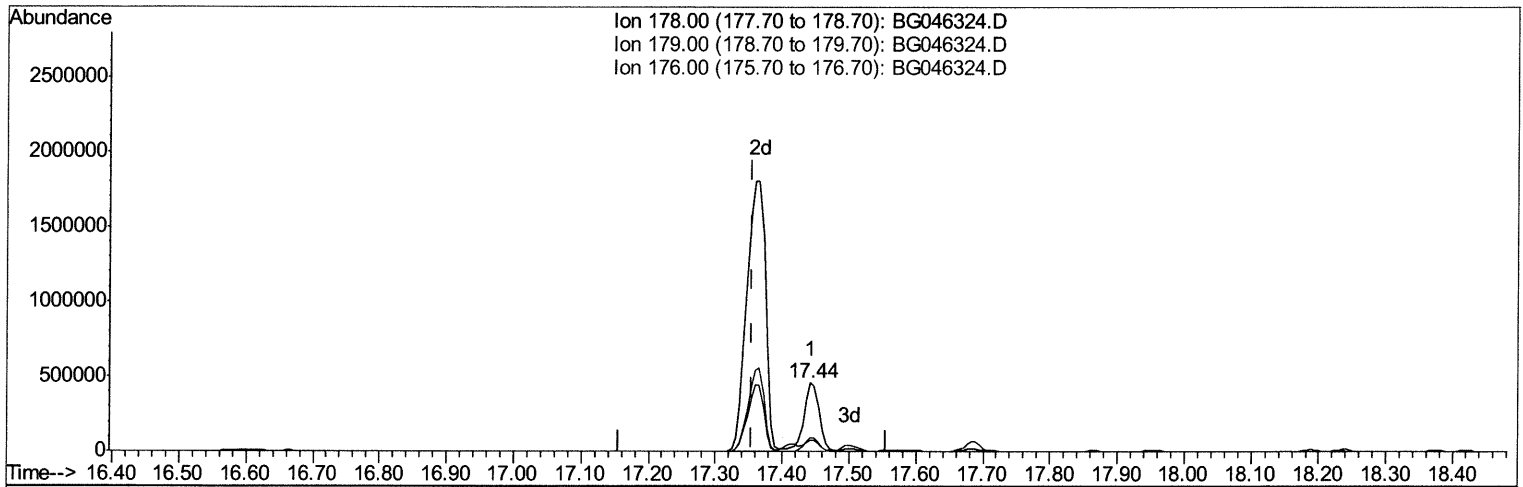
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\
 Data File : BG046324.D
 Acq On : 18 Aug 2020 12:27
 Operator : CG/JU
 Sample : L3636-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK4

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:17:52 PM

Quant Time: Aug 18 13:07:12 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



Scan 2428 (17.353 min): BG046305.D (-2421) (-)

TIC: BG046324.D

(14) Phenanthrene

17.442min (+0.086) 24.66ng/ul

response 721695

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.54
176.00	19.80	19.85
0.00	0.00	0.00

Quantitation Report (Qedit)

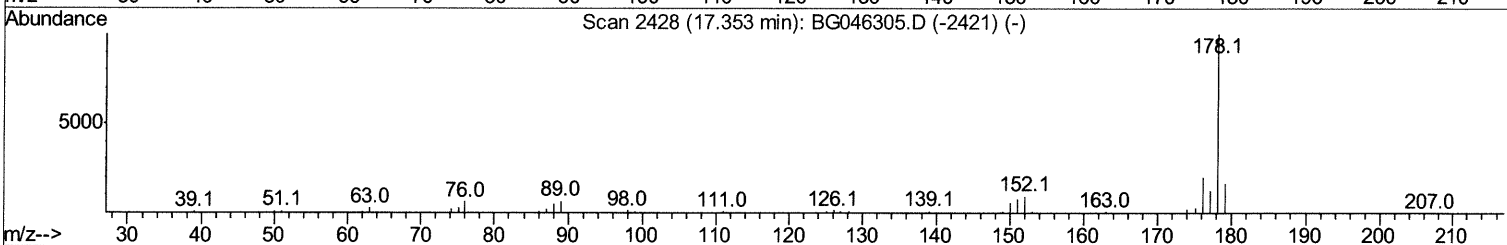
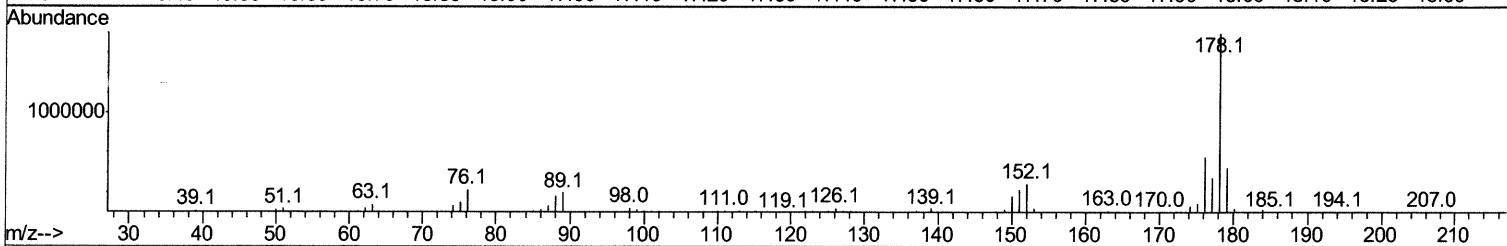
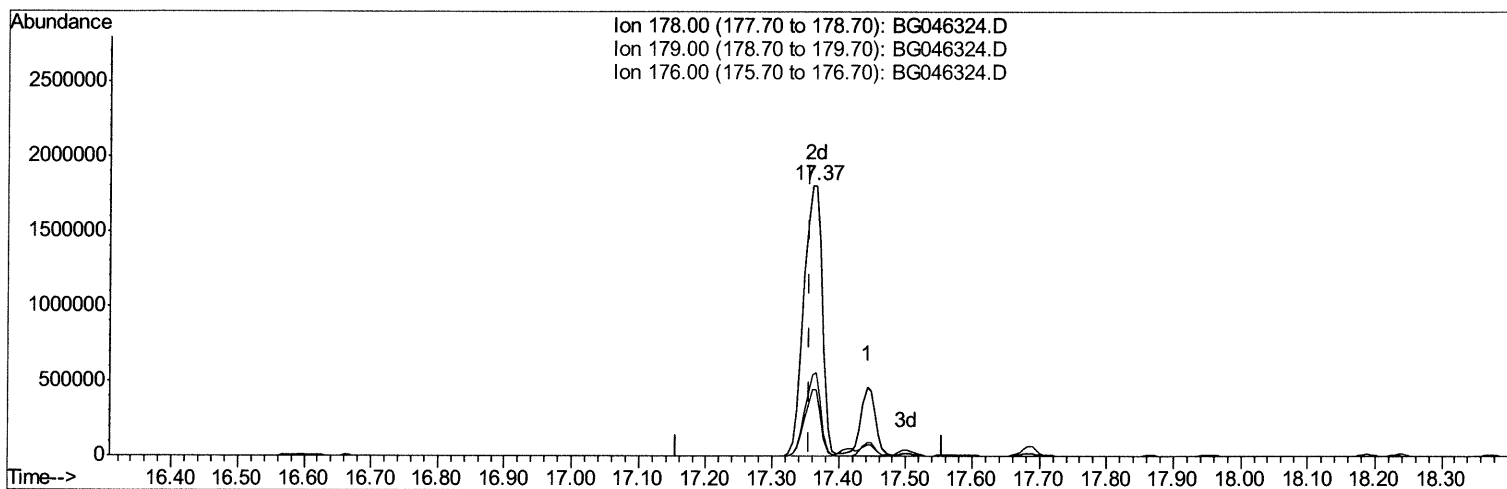
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMK4

Manual Integrations
APPROVED

mohammad
8/19/2020 2:17:52 PM

Quant Time: Aug 18 13:07:12 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: BG046324.D

(14) Phenanthrene

17.366min (+0.010) 119.27ng/ul m 08/20/20 JU

response 3490149

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	24.46#
176.00	19.80	30.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

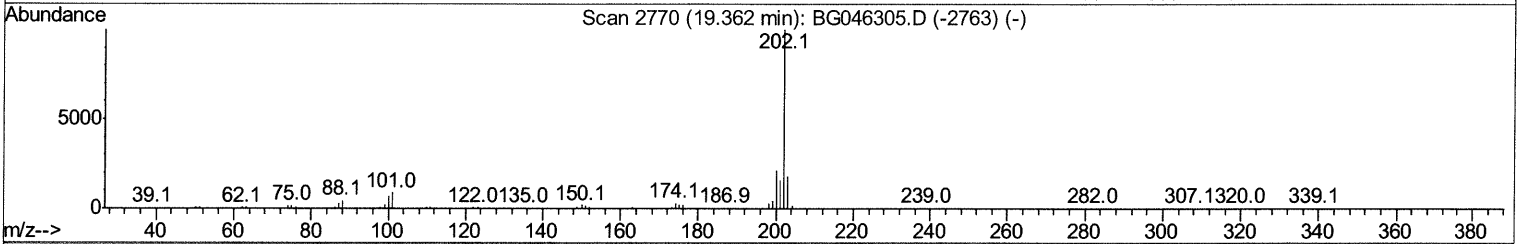
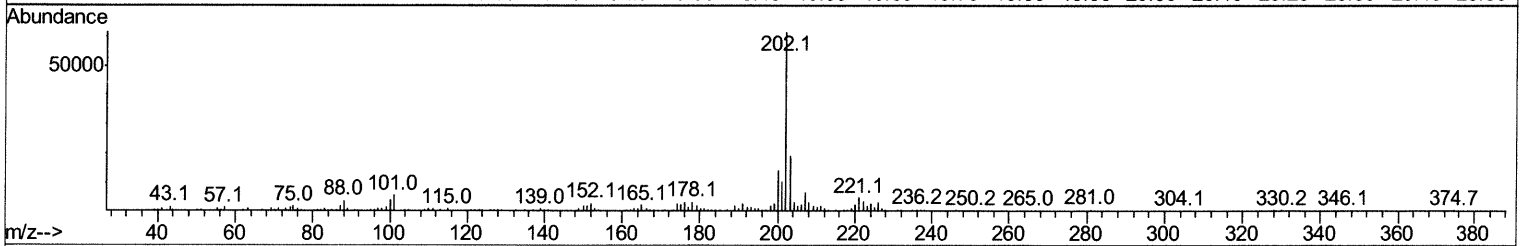
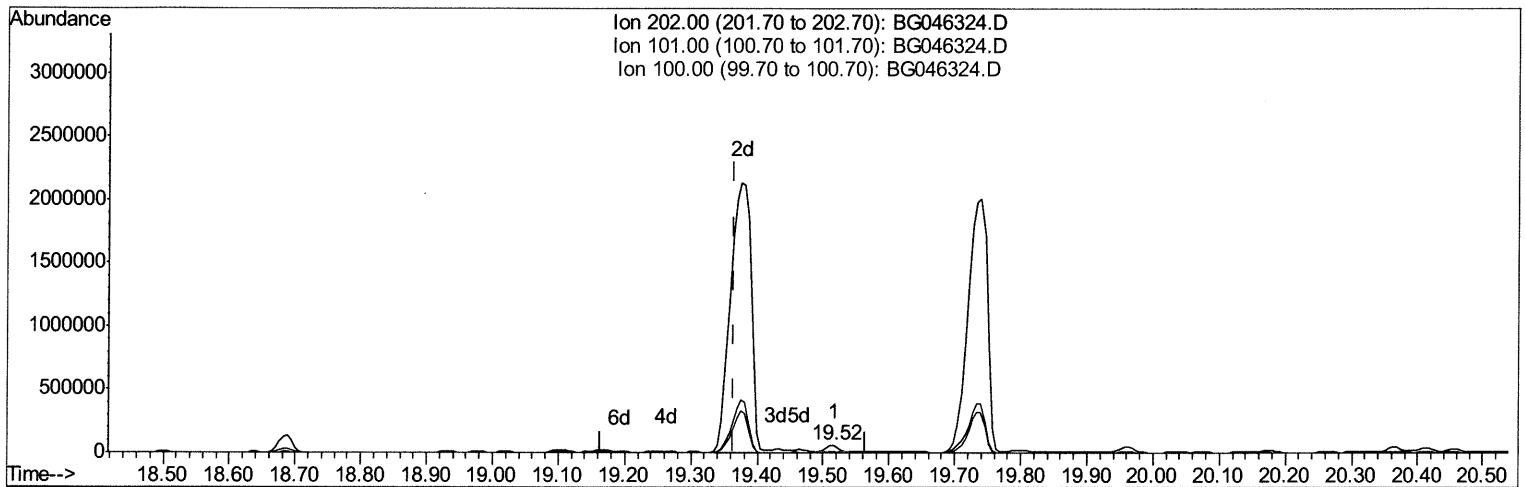
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\
 Data File : BG046324.D
 Acq On : 18 Aug 2020 12:27
 Operator : CG/JU
 Sample : L3636-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK4

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:17:52 PM

Quant Time: Aug 18 13:07:12 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: BG046324.D

(17) Fluoranthene (C)

19.516min (+0.151) 2.12ng/ul

response 69070

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	9.01
100.00	7.40	6.71
0.00	0.00	0.00

Quantitation Report (Qedit)

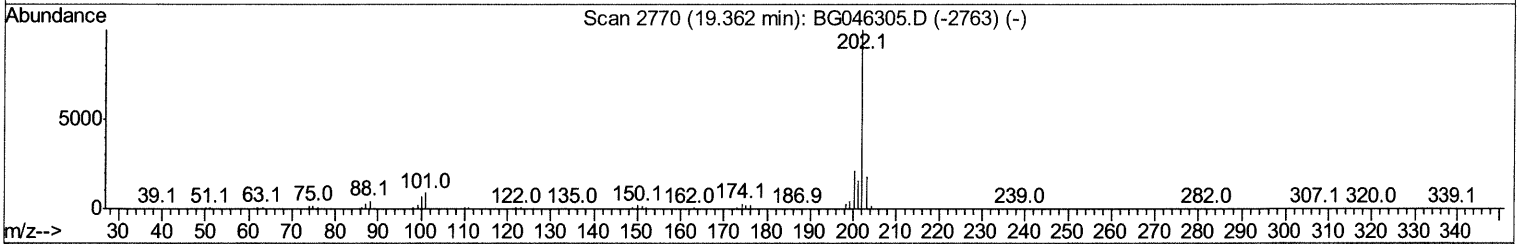
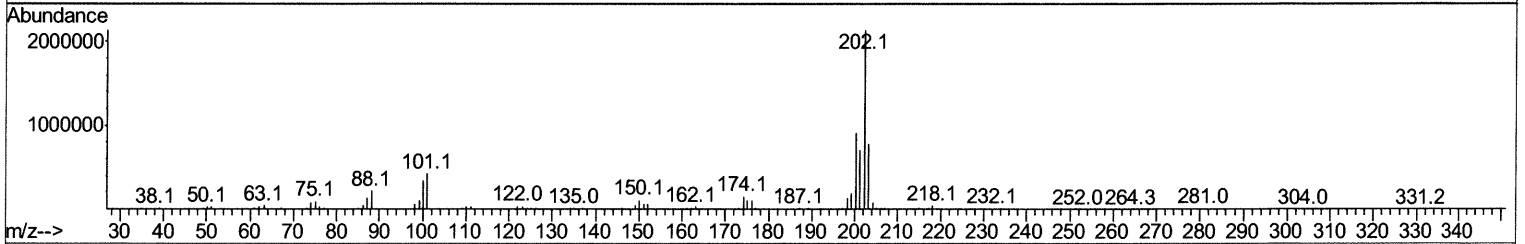
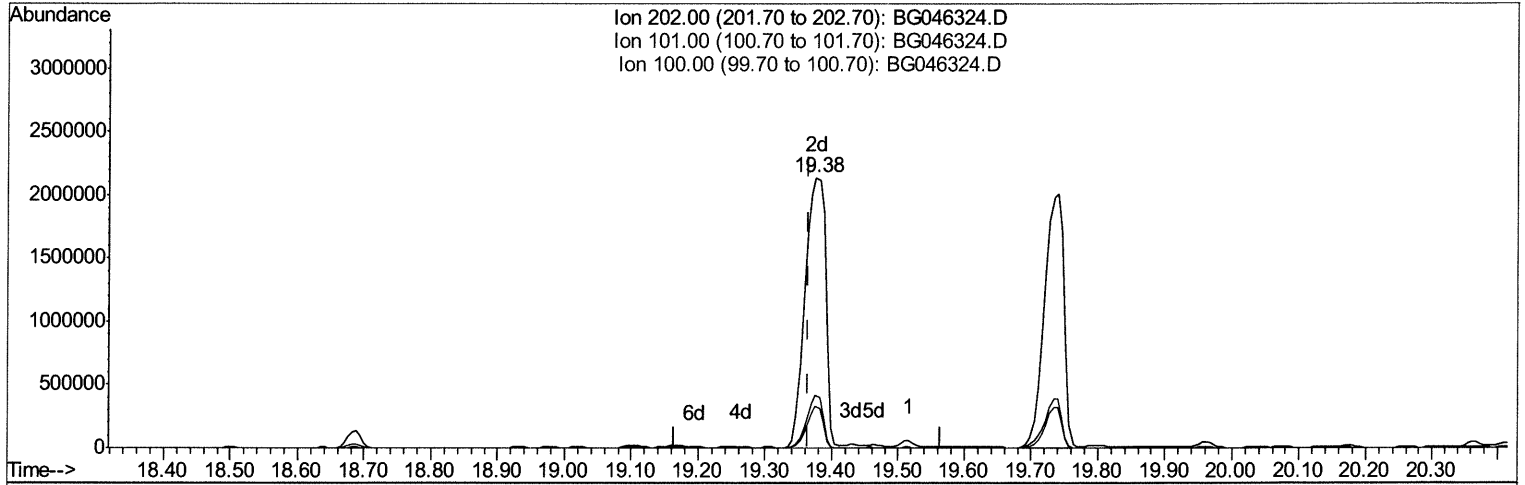
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\
 Data File : BG046324.D
 Acq On : 18 Aug 2020 12:27
 Operator : CG/JU
 Sample : L3636-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK4

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:17:52 PM

Quant Time: Aug 18 13:07:12 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: BG046324.D

(17) Fluoranthene (C)

19.375min (+0.010) 141.06ng/ul m 08/20/2024

response 4602494

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	19.78#
100.00	7.40	15.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

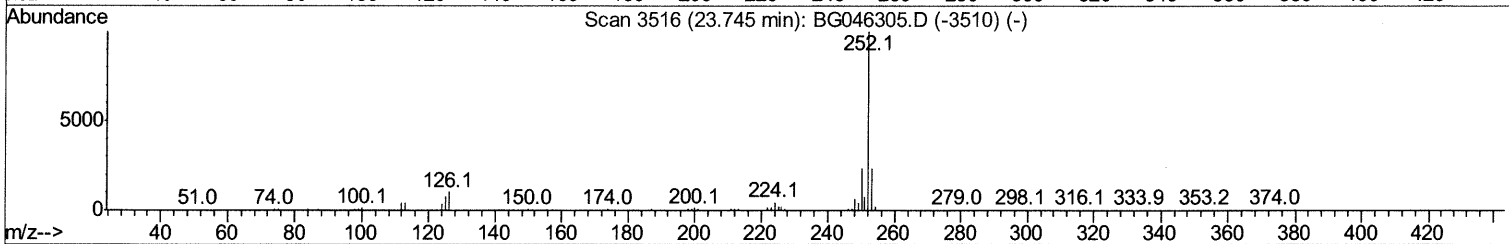
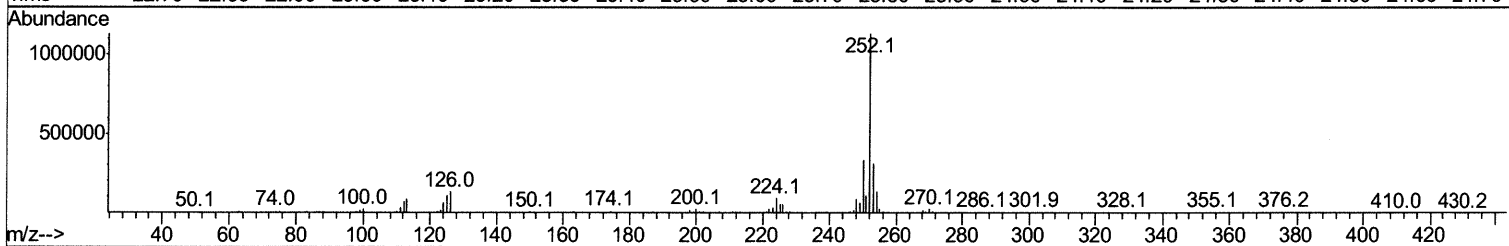
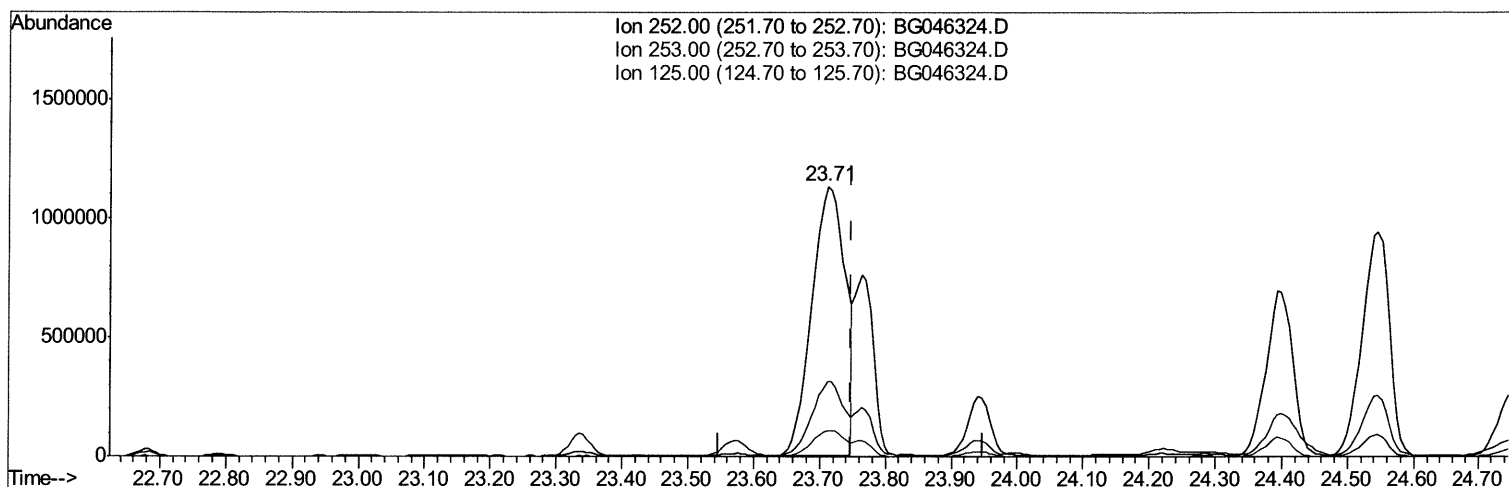
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMK4

Manual Integrations
APPROVED

mohammad
8/19/2020 2:17:52 PM

Quant Time: Aug 18 13:07:12 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: BG046324.D

(25) Benzo(k)fluoranthene

23.711min (-0.037) 102.50ng/ul

response 3947803

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	27.55
125.00	7.70	9.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

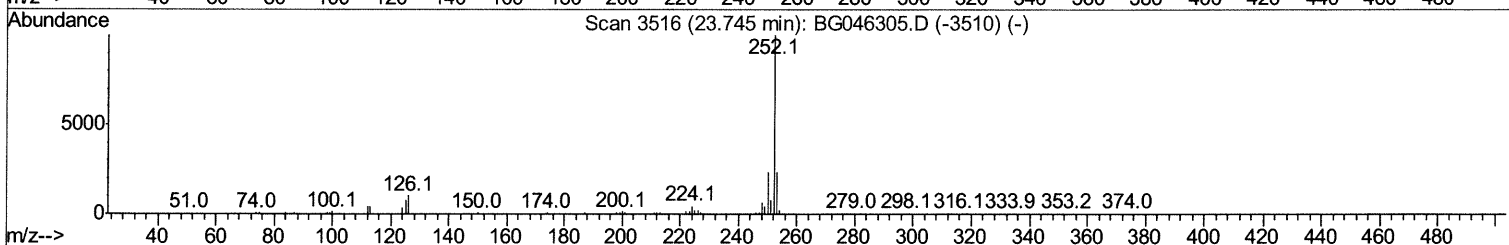
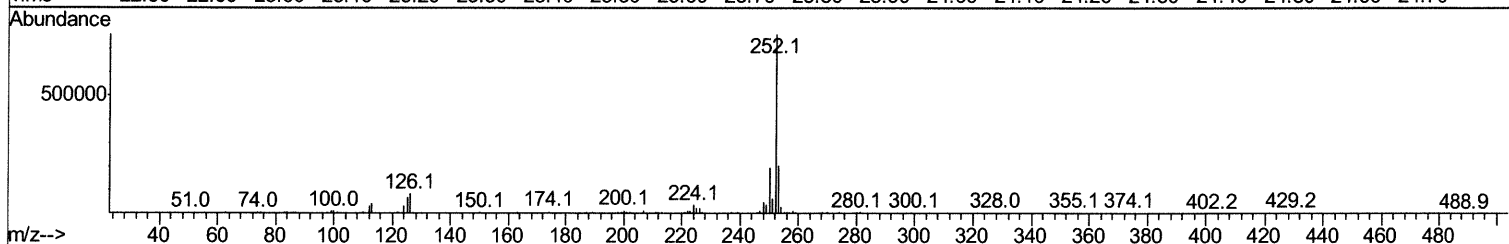
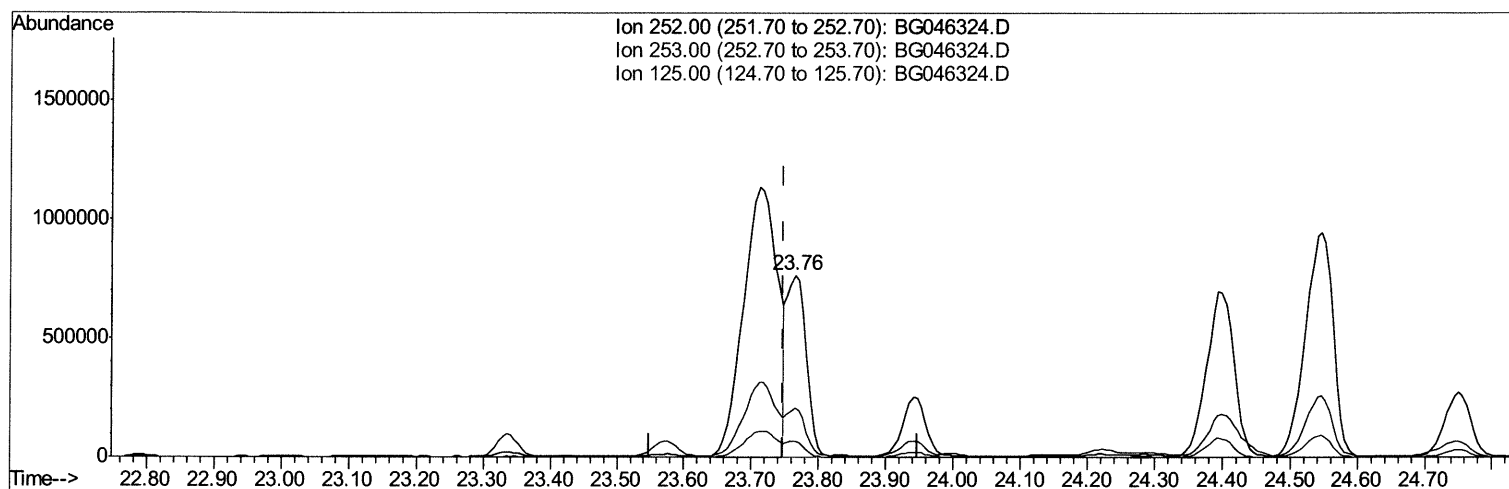
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMK4

Manual Integrations
APPROVED

mohammad
8/19/2020 2:17:52 PM

Quant Time: Aug 18 13:07:12 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: BG046324.D

(25) Benzo(k)fluoranthene

23.764min (+0.016) 40.04ng/ul m 08/20/20 JU

response 1542176

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	26.99
125.00	7.70	8.72
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG081720\
 Data File : BG046324.D
 Acq On : 18 Aug 2020 12:27
 Operator : CG/JU
 Sample : L3636-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMK4

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:17:52 PM

Quant Time: Aug 18 13:13:05 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	89575	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	363270	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.57	164	241423	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	531907	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	519698	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	587114	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.36	165	56476	9.03	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	225851	10.17	ng/ul	0.00
10) Fluorene-d10	15.56	176	176475	10.37	ng/ul	0.00
15) Anthracene-d10	17.41	188	256528	10.40	ng/ul	0.00
19) Pvrene-d10	19.70	212	288134	10.77	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	310848	9.70	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	10.79	128	40254	2.130	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	26514	1.841	ng/ul	97
8) Acenaphthylene	14.29	152	115436	5.110	ng/ul	99
9) Acenaphthene	14.63	153	101929	6.319	ng/ul	96
11) Fluorene	15.61	166	173348	9.191	ng/ul	98
14) Phenanthrene	17.37	178	3490149m>	119.272	ng/ul>	08/20/20 JU
16) Anthracene	17.44	178	724870	24.551	ng/ul	99
17) Fluoranthene	19.38	202	4602494m>	141.056	ng/ul>	08/20/20 JU
20) Pyrene	19.74	202	4085308	119.757	ng/ul#	81
21) Benzo(a)anthracene	21.55	228	3142706	92.943	ng/ul#	82
22) Chrysene	21.62	228	3058089	93.556	ng/ul#	83
24) Benzo(b)fluoranthene	23.71	252	3947803	101.682	ng/ul#	90
25) Benzo(k)fluoranthene	23.76	252	1542176m>	40.043	ng/ul>	08/20/20 JU
27) Benzo(a)pvrene	24.55	252	2686549	75.372	ng/ul#	92
28) Indeno(1,2,3-cd)pvrene	28.22	276	2046801	45.861	ng/ul	98
29) Dibenzo(a,h)anthracene	28.25	278	617231	17.057	ng/ul	96
30) Benzo(a,h,i)perylene	29.31	276	1560190	41.771	ng/ul	99

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