

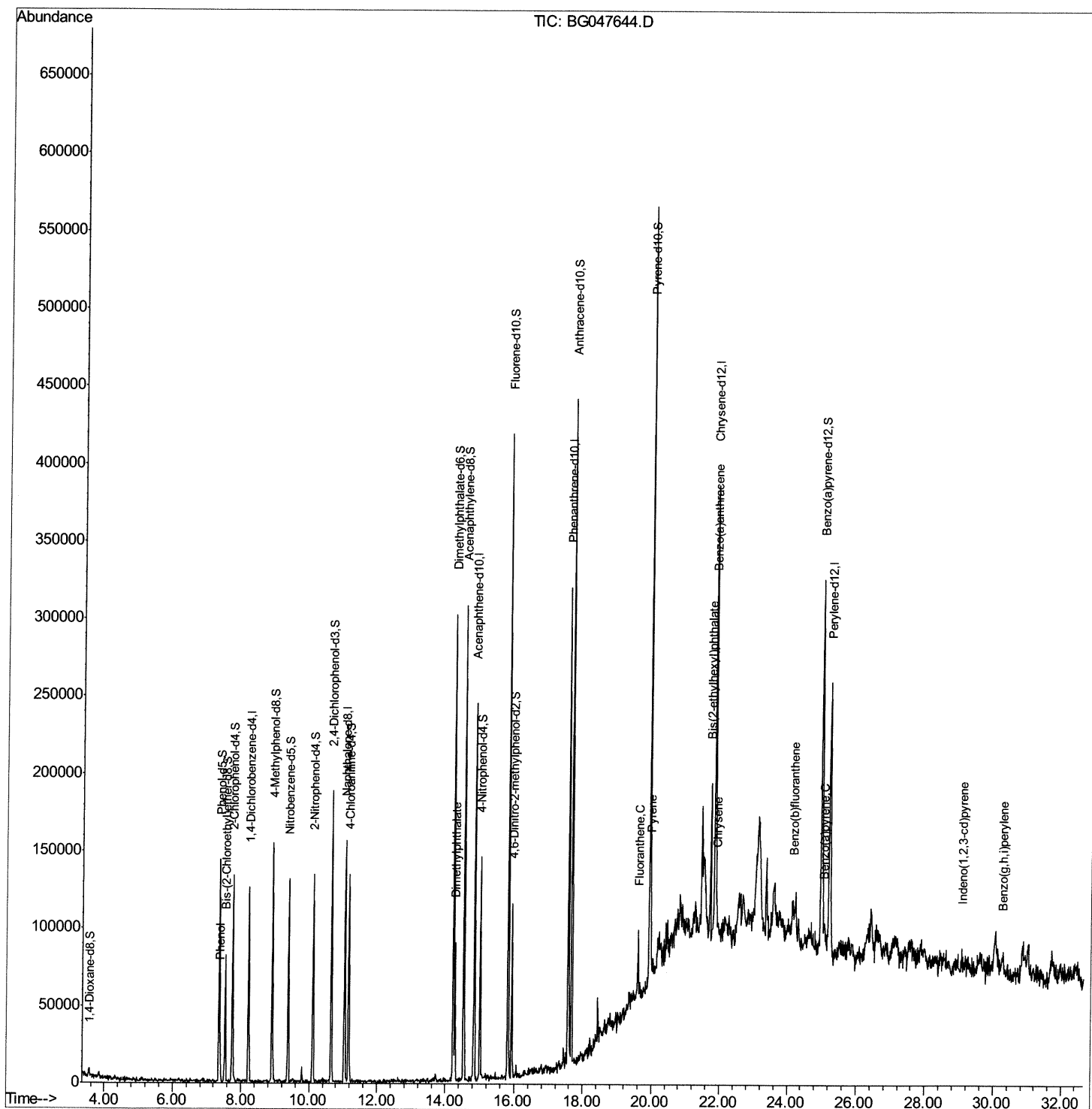
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
Data File : BG047644.D
Acq On : 8 Dec 2020 10:16
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BB5

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:34 PM

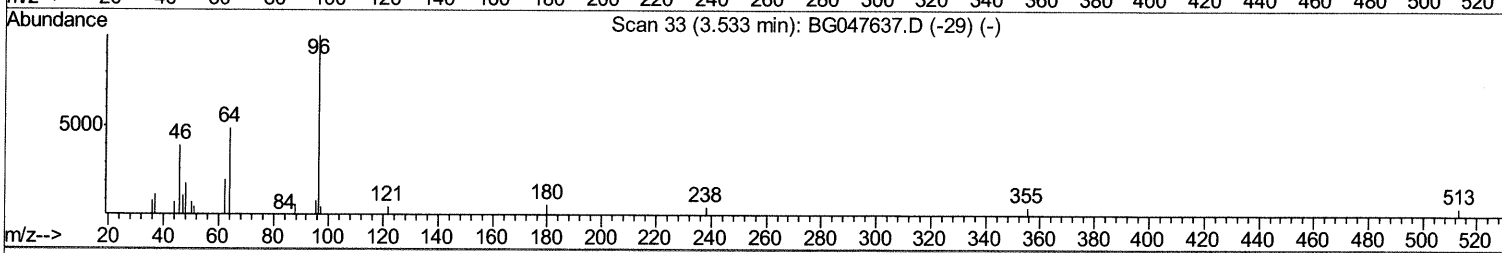
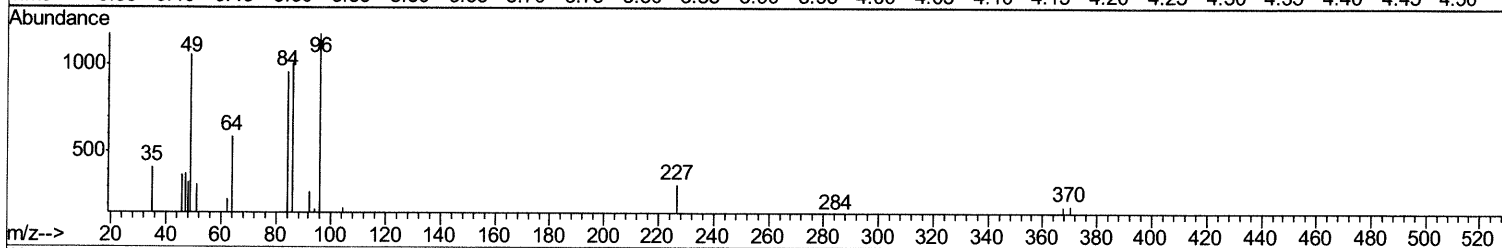
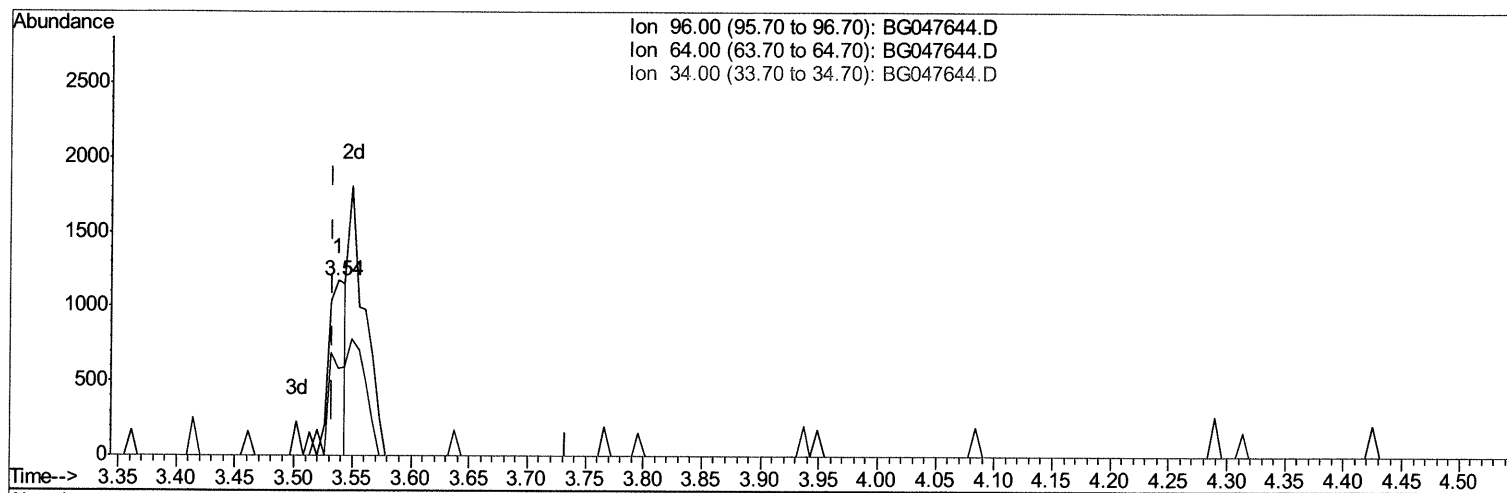
Quant Time: Dec 08 14:48:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration



```
Data Path   : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\  
Data File  : BG047644.D  
Acq On     : 8 Dec 2020 10:16  
Operator   : CG/JU  
Sample     : L4862-10  
Misc       :  
ALS Vial   : 23      Sample Multiplier: 1
```

mohammad
12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration



Ion	Exp%	Act%
96.00	100	100
64.00	84.30	50.04#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

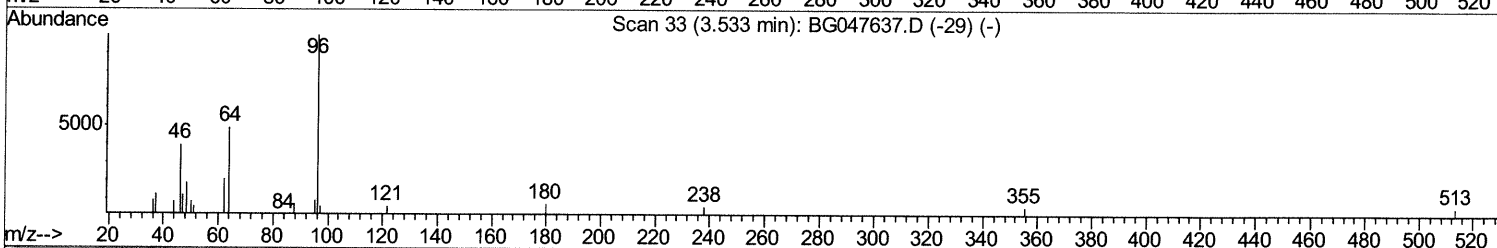
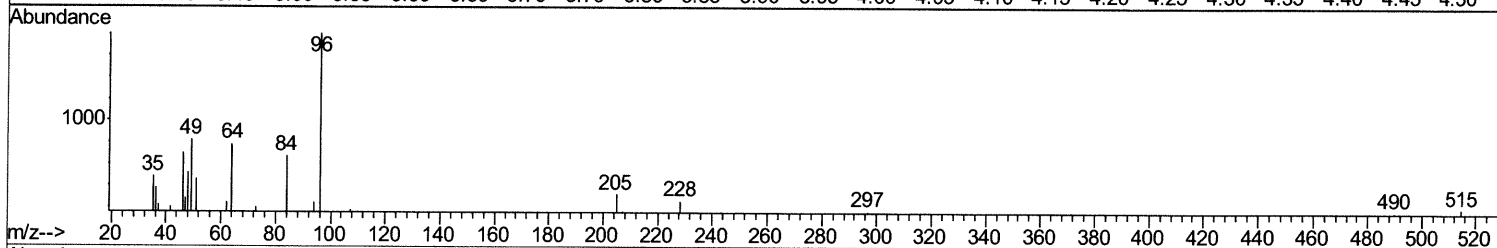
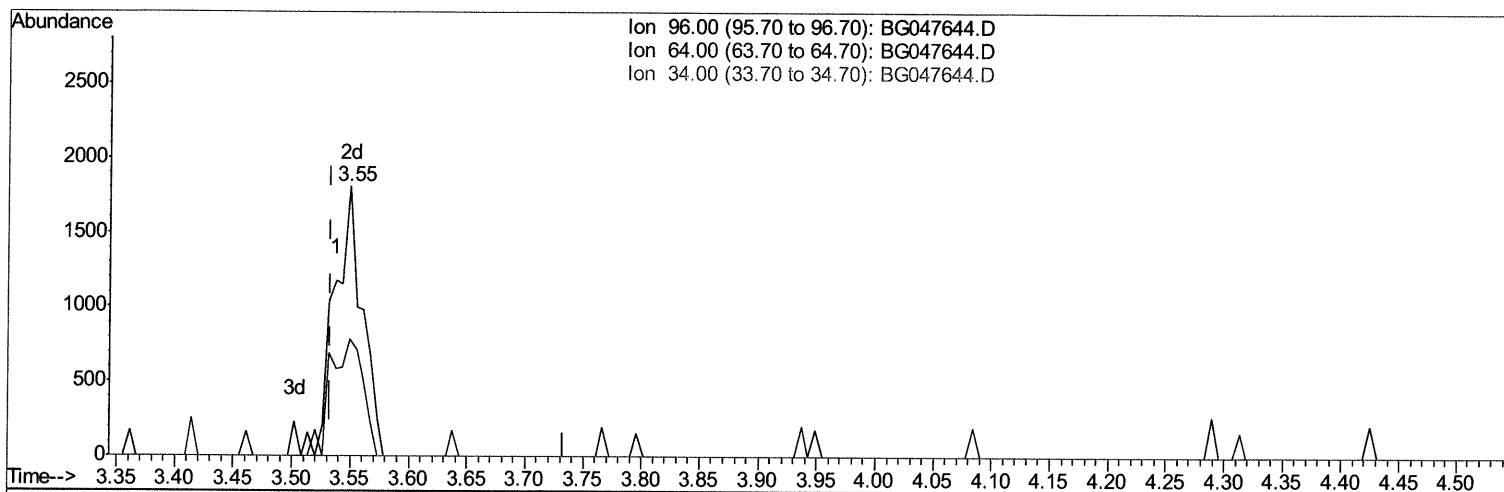
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
 Data File : BG047644.D
 Acq On : 8 Dec 2020 10:16
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB5

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:27:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration



TIC: BG047644.D

(3) 1,4-Dioxane-d8 (S)

3.549min (+0.017) 5.11ng/uL m 12/09/2024

response 2918

Ion	Exp%	Act%
96.00	100	100
64.00	84.30	43.01#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

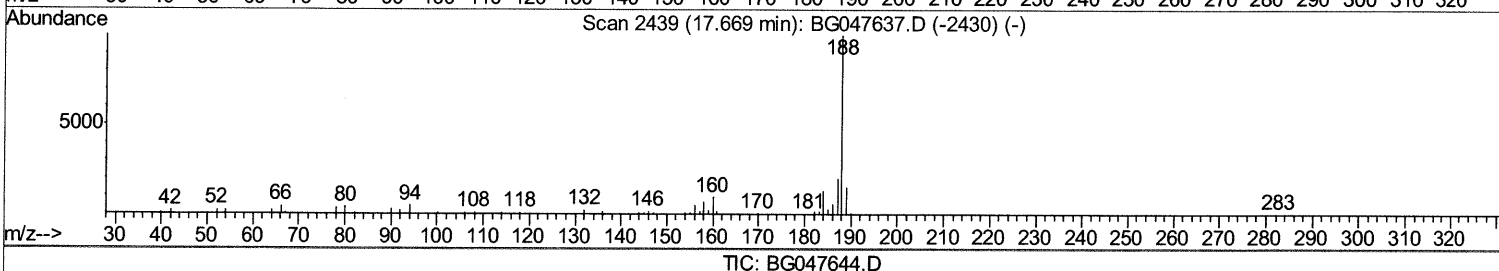
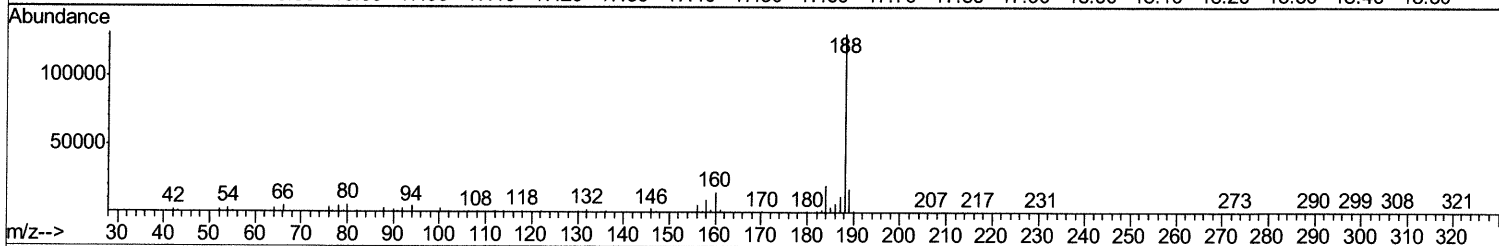
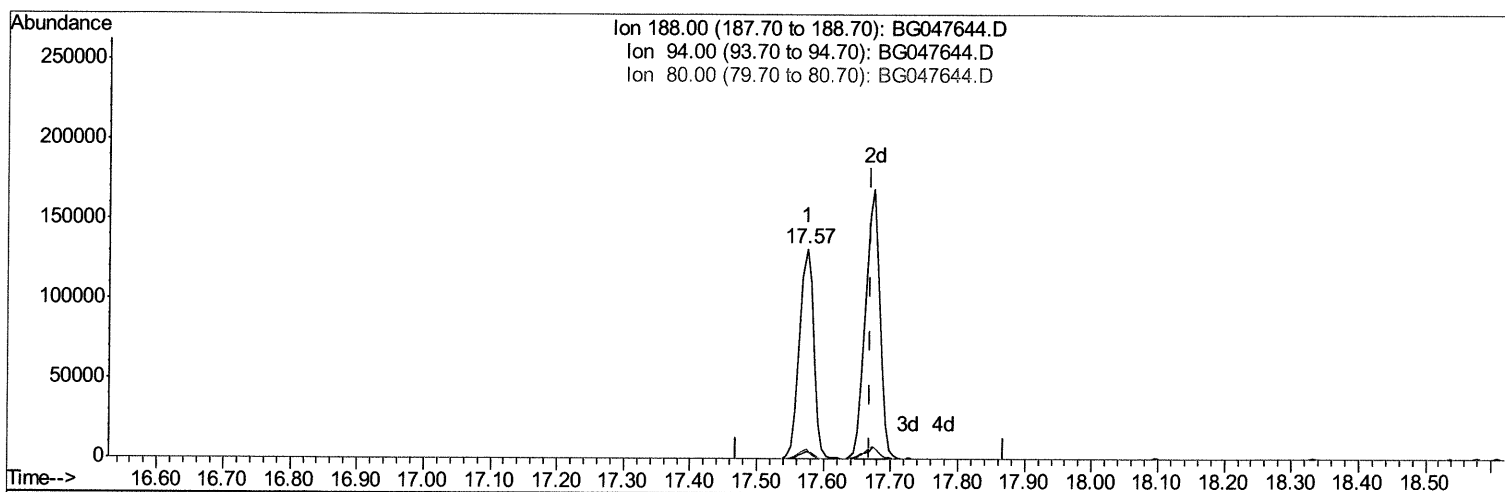
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
Data File : BG047644.D
Acq On : 8 Dec 2020 10:16
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BB5

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration



(71) Anthracene-d10 (S)

17.574min (-0.095) 20.05ng/ul

response 195545

Ion	Exp%	Act%
188.00	100	100
94.00	3.50	3.25
80.00	4.90	4.56
0.00	0.00	0.00

Quantitation Report (Qedit)

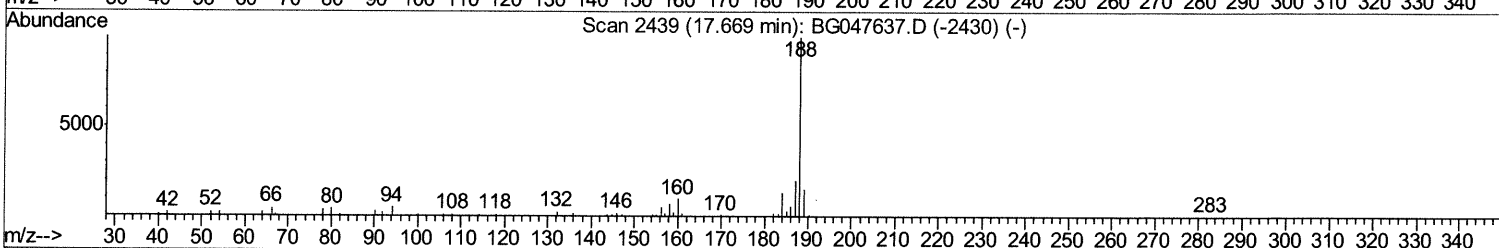
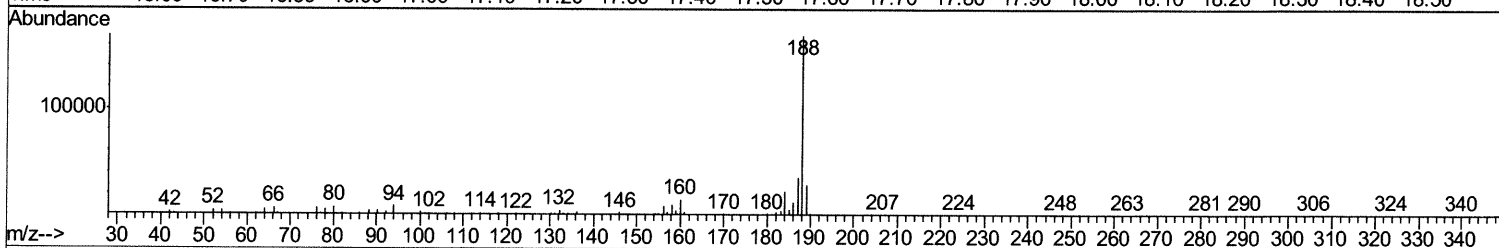
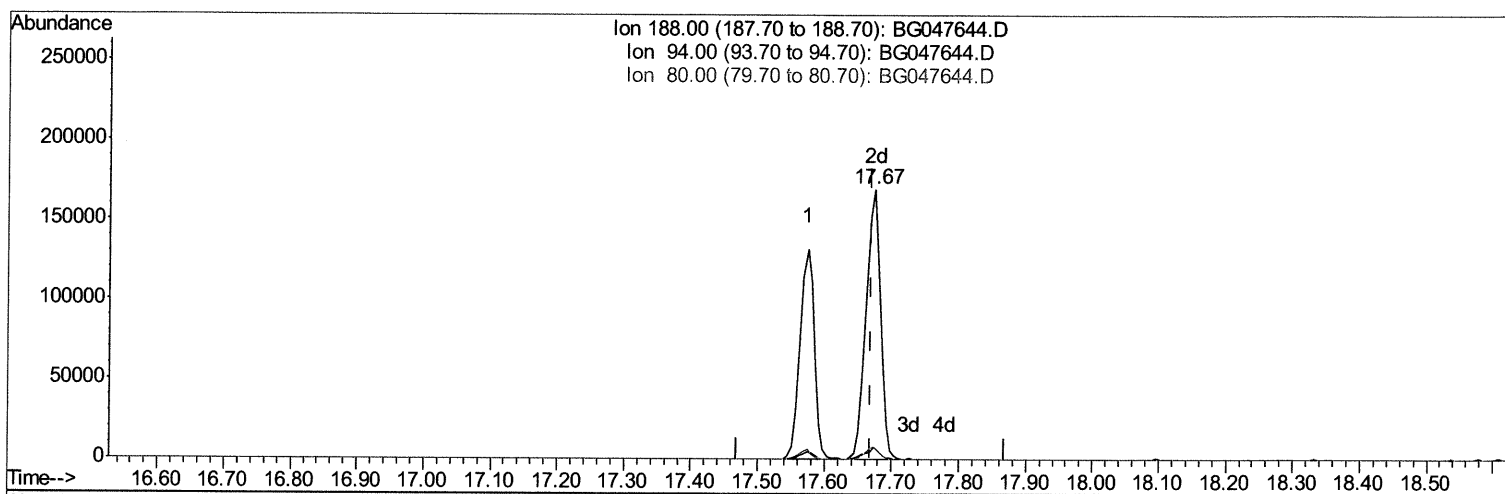
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
Data File : BG047644.D
Acq On : 8 Dec 2020 10:16
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BB5

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration



TIC: BG047644.D

(71) Anthracene-d10 (S)

17.674min (+0.005) 25.88ng/ul m 12/09/2024

response 252418

Ion	Exp%	Act%
188.00	100	100
94.00	3.50	4.61#
80.00	4.90	4.45
0.00	0.00	0.00

Quantitation Report (Qedit)

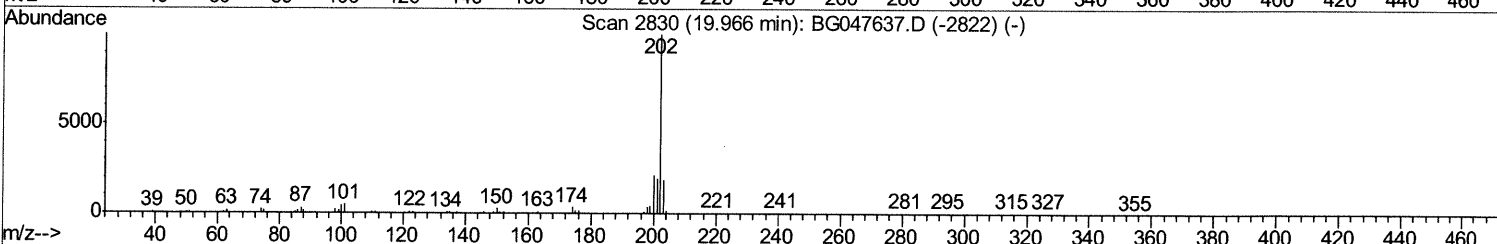
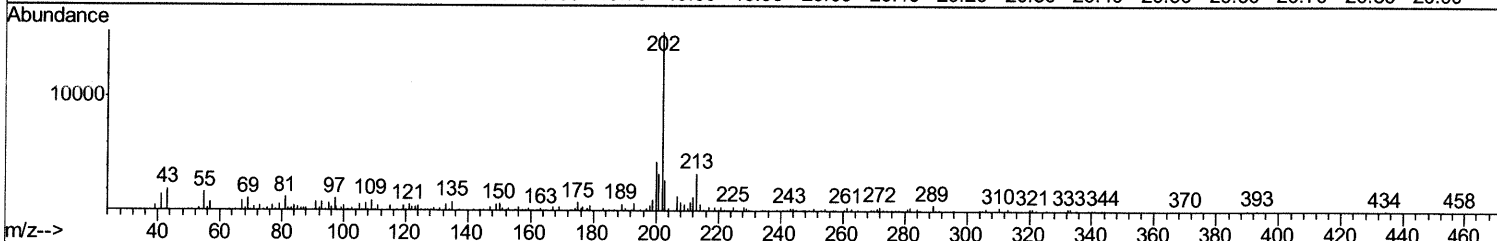
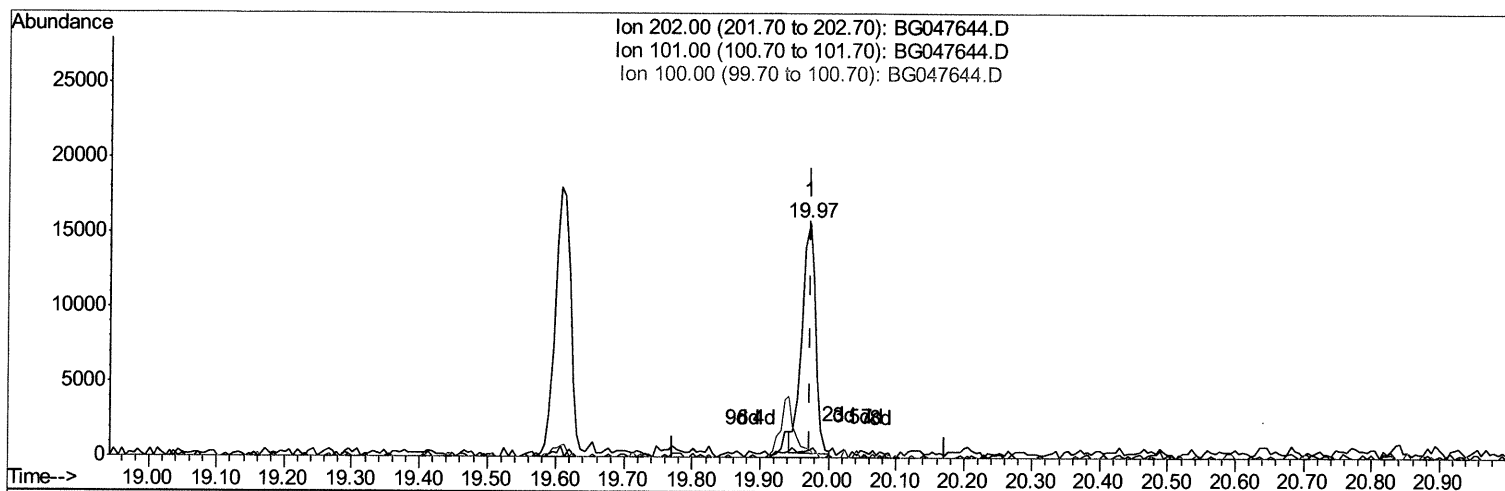
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
 Data File : BG047644.D
 Acq On : 8 Dec 2020 10:16
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB5

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:27:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration



TIC: BG047644.D

(80) Pyrene

19.971min (-0.001) 1.62ng/ul

response 21352

Ion	Exp%	Act%
202.00	100	100
101.00	3.10	3.34
100.00	3.00	3.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

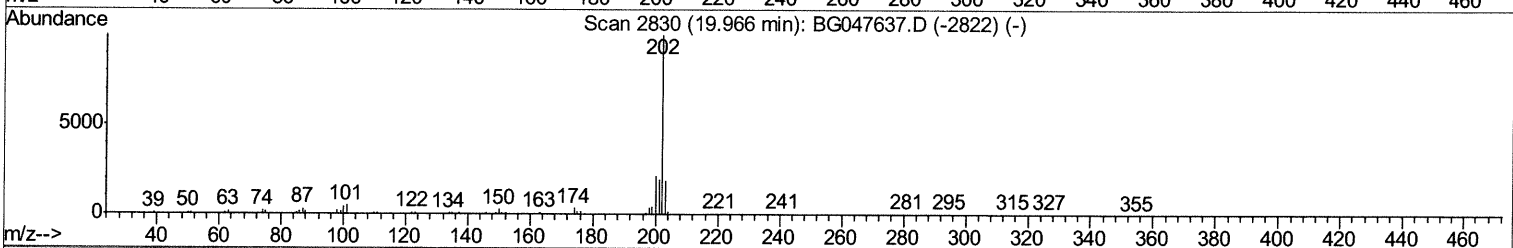
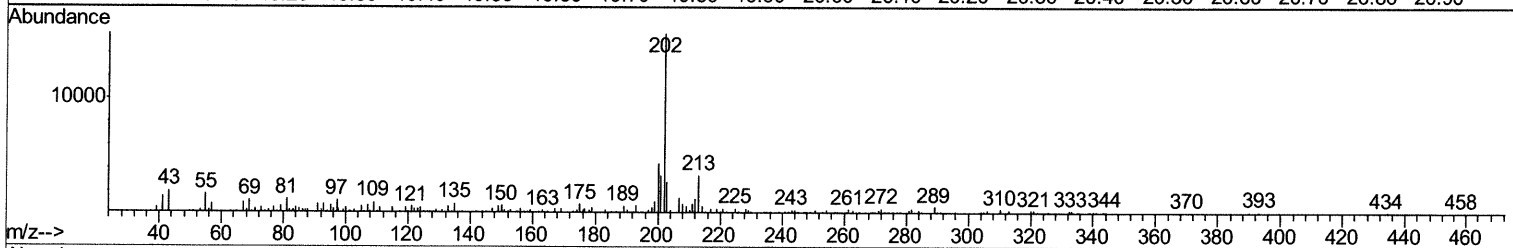
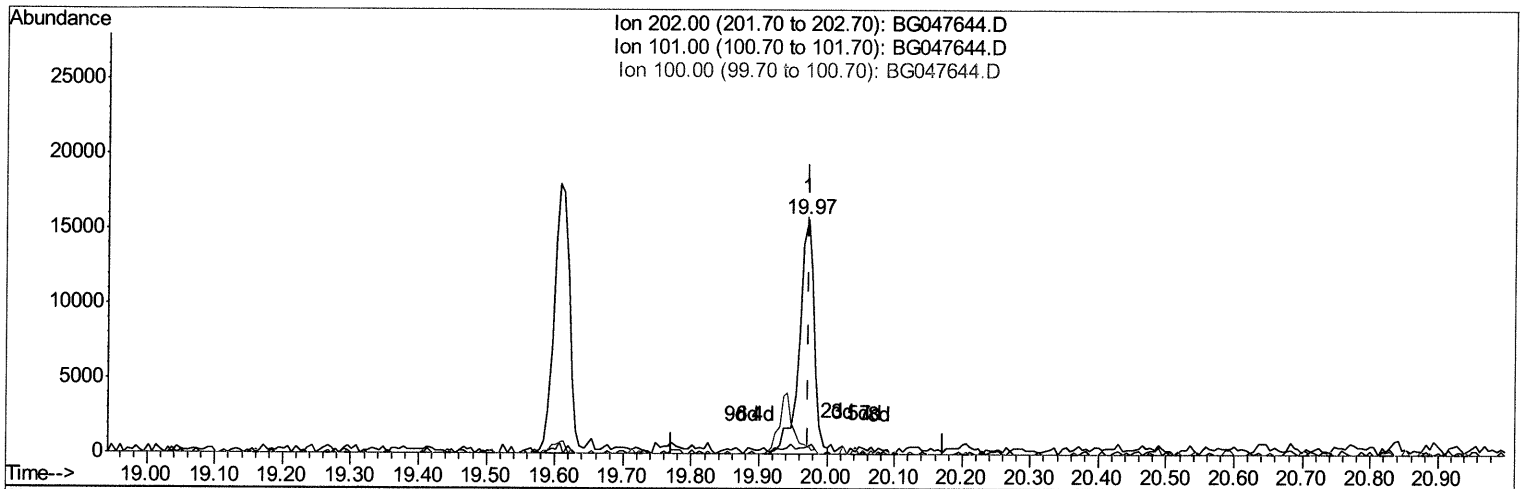
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
Data File : BG047644.D
Acq On : 8 Dec 2020 10:16
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BB5

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration



TIC: BG047644.D

(80) Pyrene

19.971min (-0.001) 1.81ng/ul m (2/09/2024)

response 23866

Ion	Exp%	Act%
202.00	100	100
101.00	3.10	1.98#
100.00	3.00	3.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

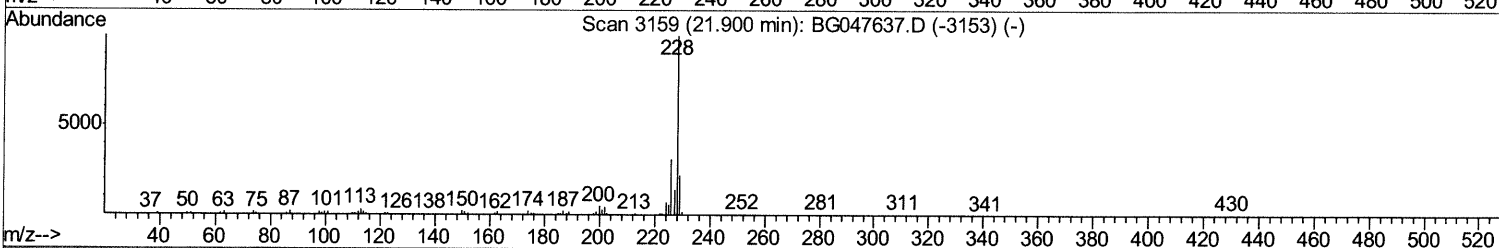
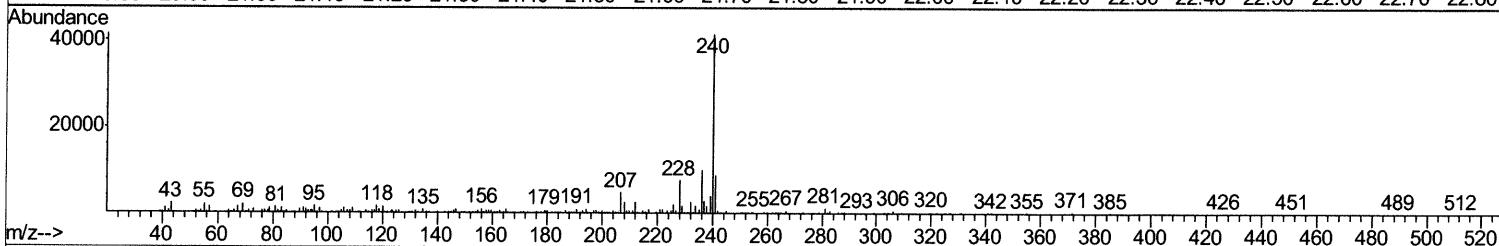
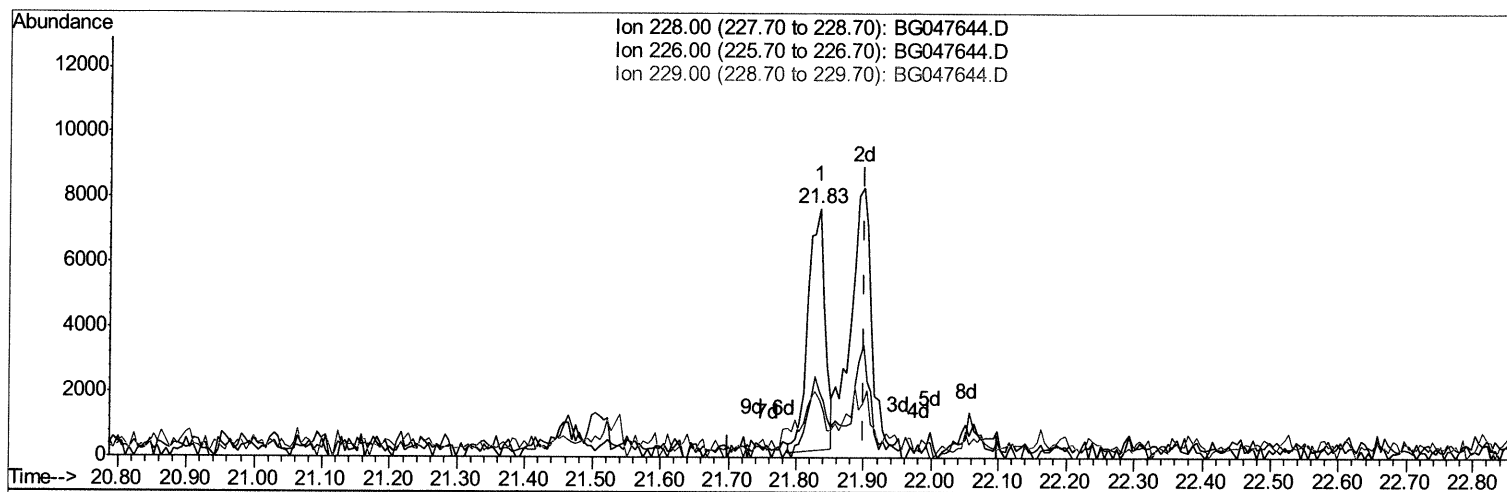
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
 Data File : BG047644.D
 Acq On : 8 Dec 2020 10:16
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB5

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:27:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration



TIC: BG047644.D

(85) Chrysene

21.834min (-0.066) 1.08ng/ul

response 13216

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	26.02
229.00	19.80	23.22
0.00	0.00	0.00

Quantitation Report (Qedit)

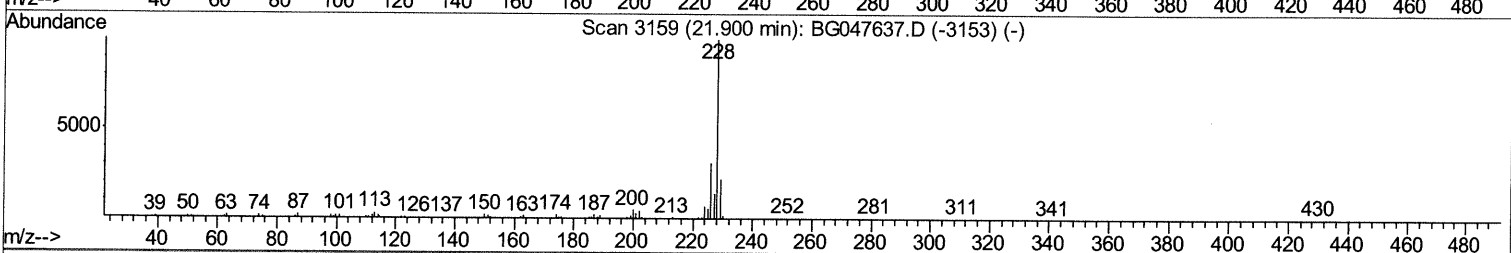
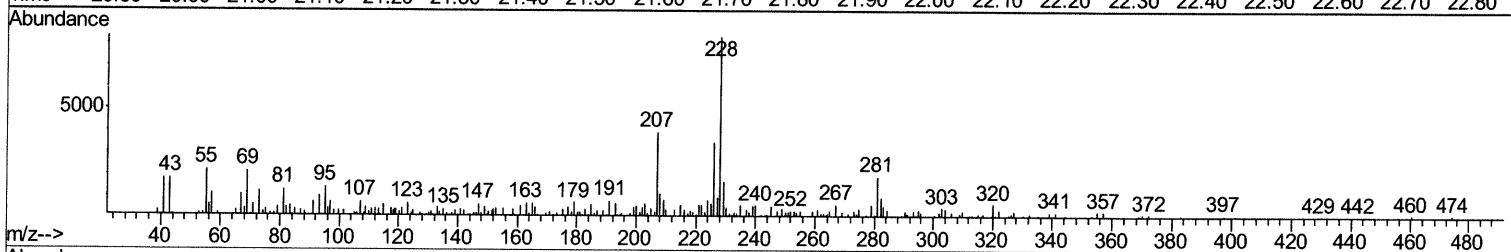
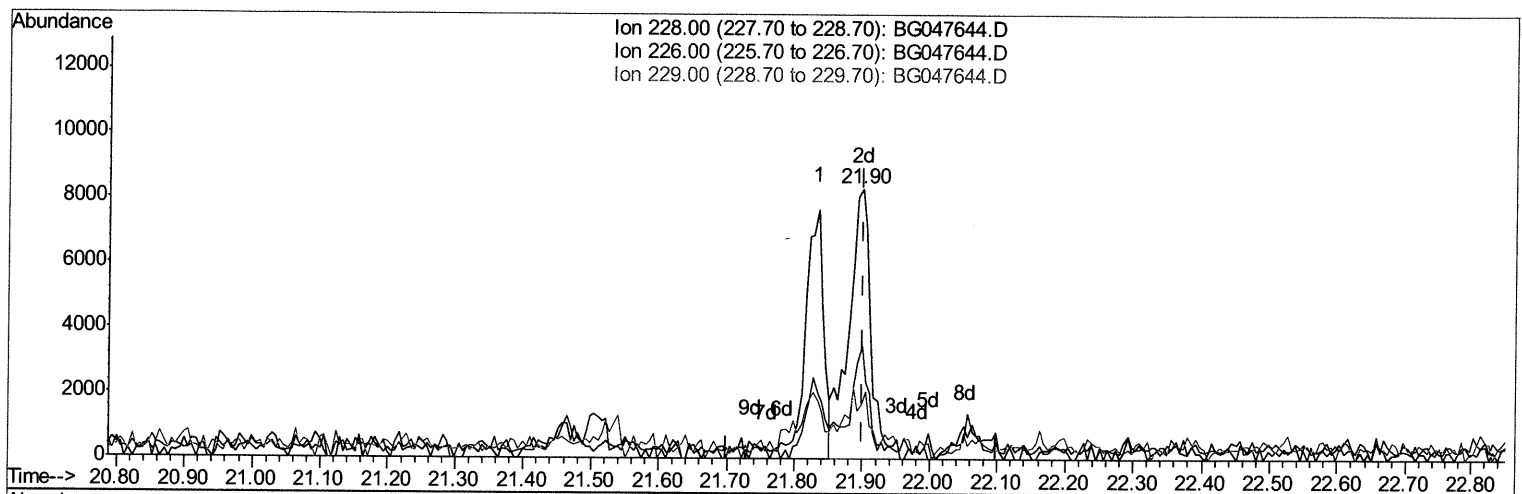
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
 Data File : BG047644.D
 Acq On : 8 Dec 2020 10:16
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB5

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:27:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration



TIC: BG047644.D

(85) Chrysene

21.898min (-0.001) 1.56ng/ul m 12/09/2020

response 18983

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	41.90#
229.00	19.80	20.59
0.00	0.00	0.00

Quantitation Report (Qedit)

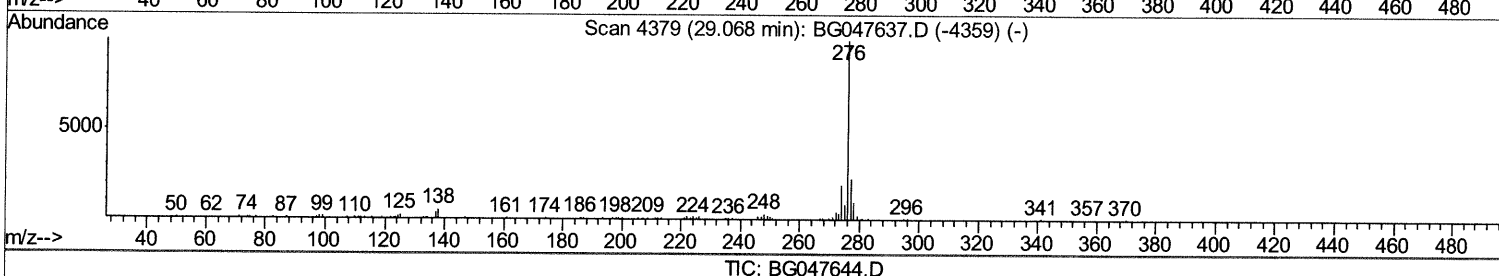
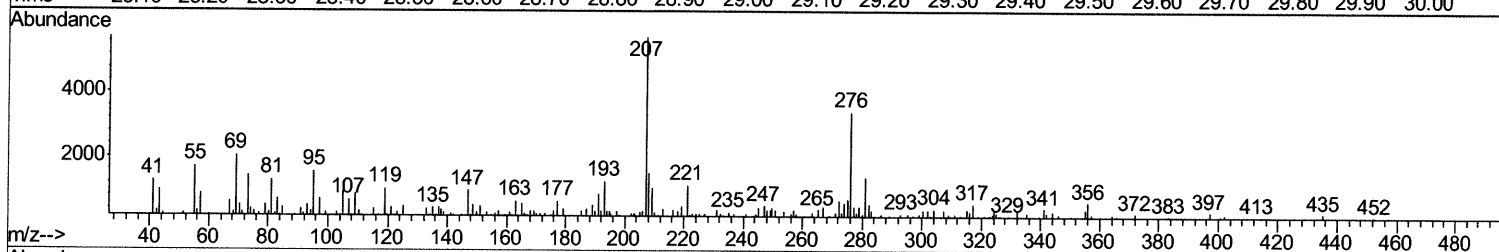
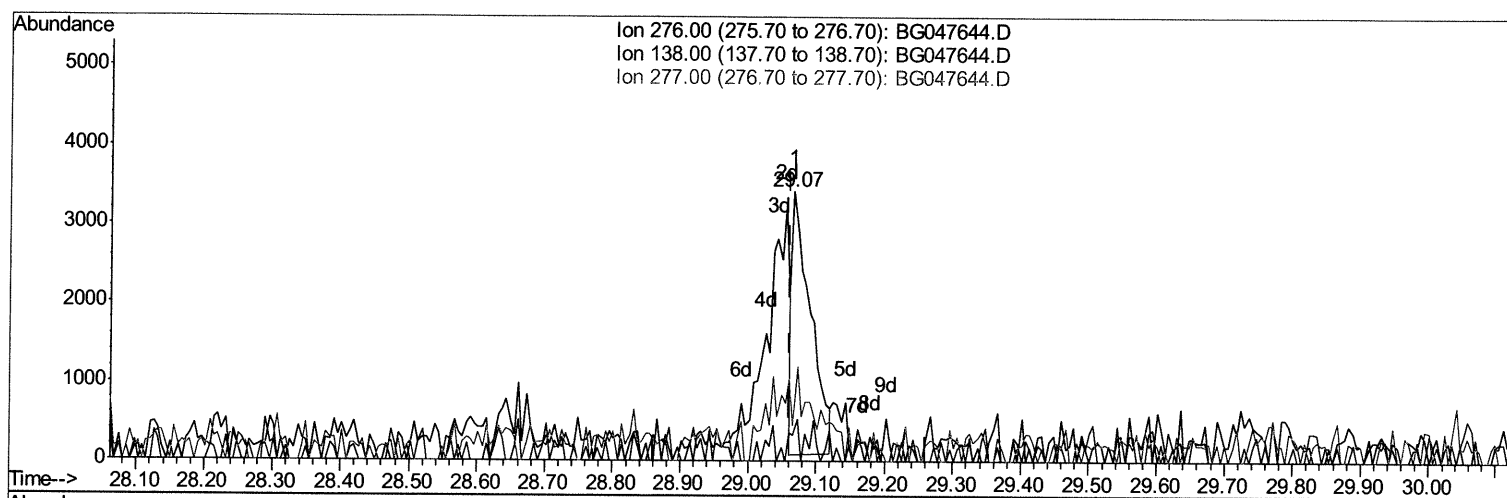
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
Data File : BG047644.D
Acq On : 8 Dec 2020 10:16
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BB5

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:46:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration



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

29.066min (+0.005) 0.40ng/ul

response 6093

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	9.68#
277.00	23.20	13.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

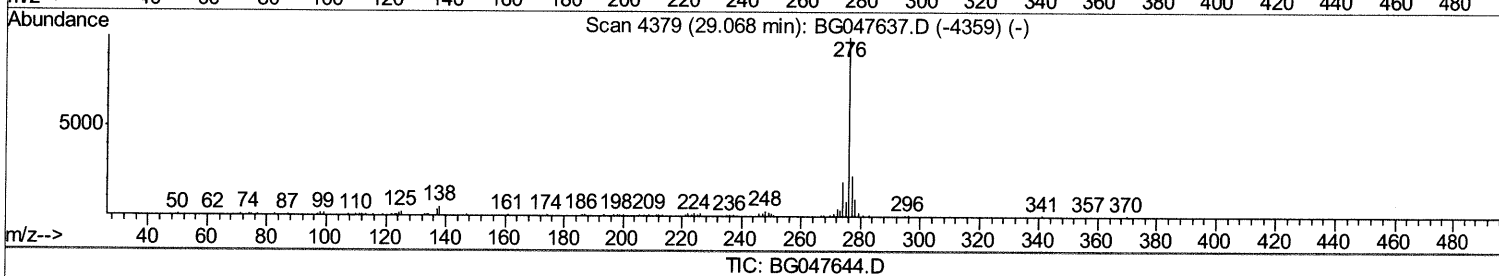
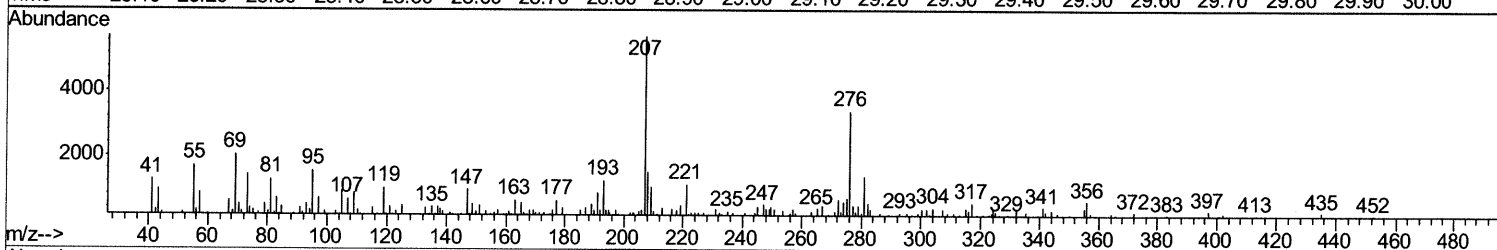
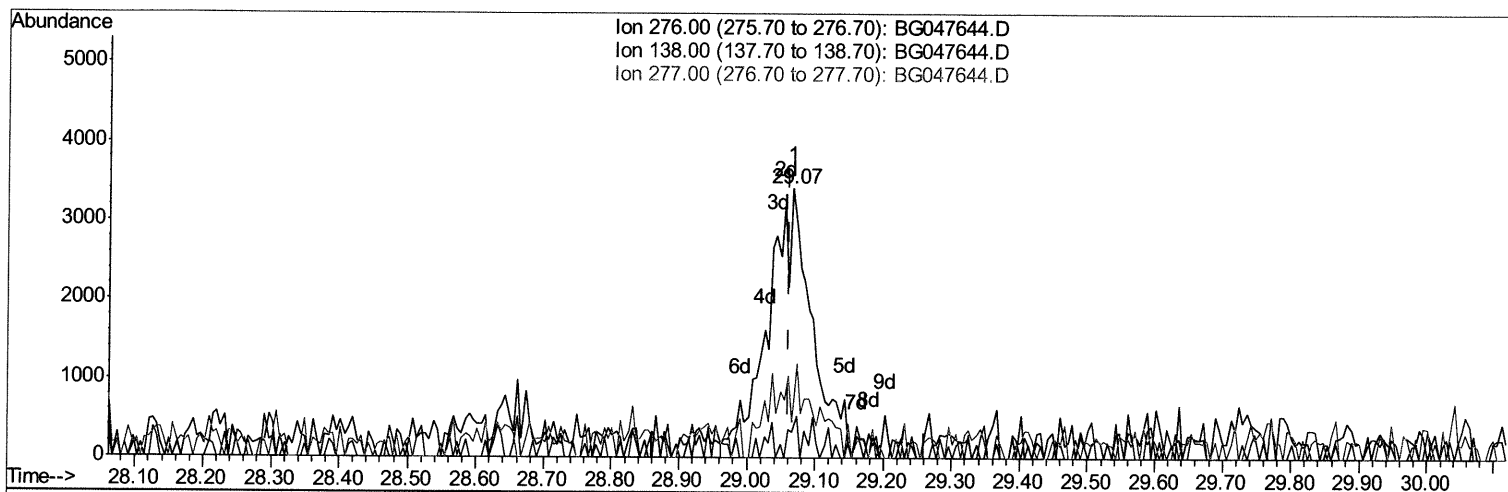
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
 Data File : BG047644.D
 Acq On : 8 Dec 2020 10:16
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB5

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:46:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration



TIC: BG047644.D

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

29.066min (+0.005) 1.00ng/ul m 12/09/2020

response 15363

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	9.68#
277.00	23.20	13.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

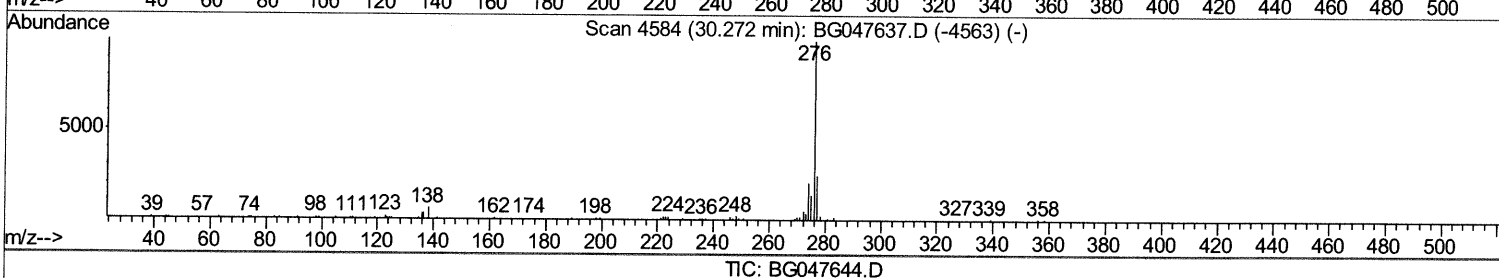
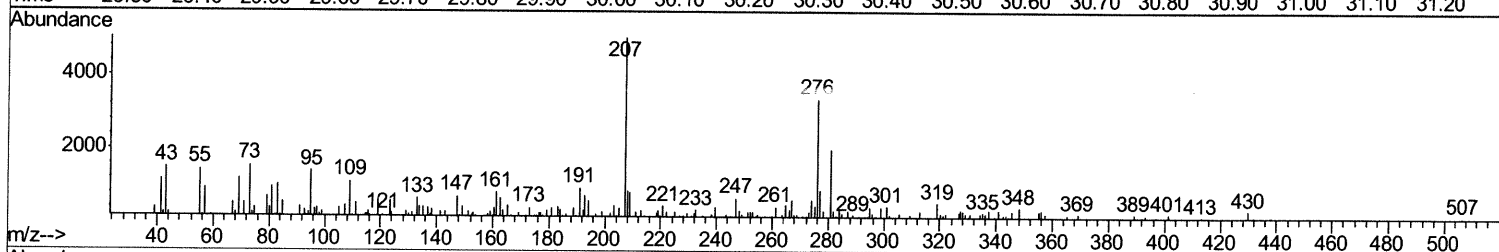
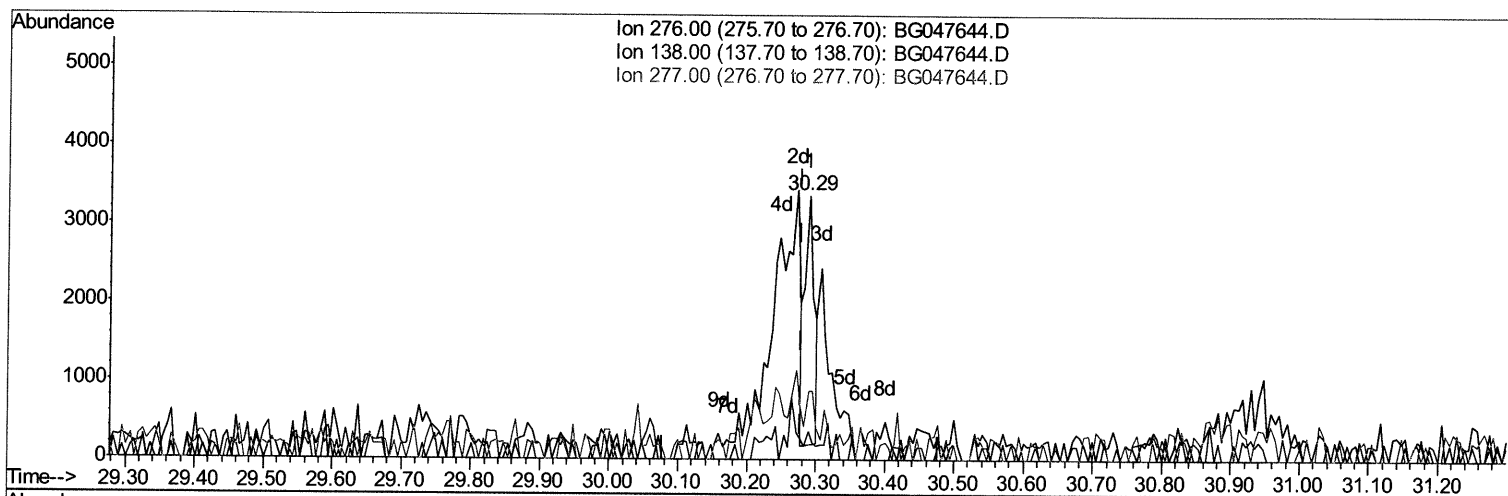
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
Data File : BG047644.D
Acq On : 8 Dec 2020 10:16
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BB5

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:46:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration



TIC: BG047644.D

(94) Benzo(g,h,i)perylene

30.288min (+0.011) 0.24ng/ul

response 3049

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	10.90#
277.00	27.40	26.14
0.00	0.00	0.00

Quantitation Report (Qedit)

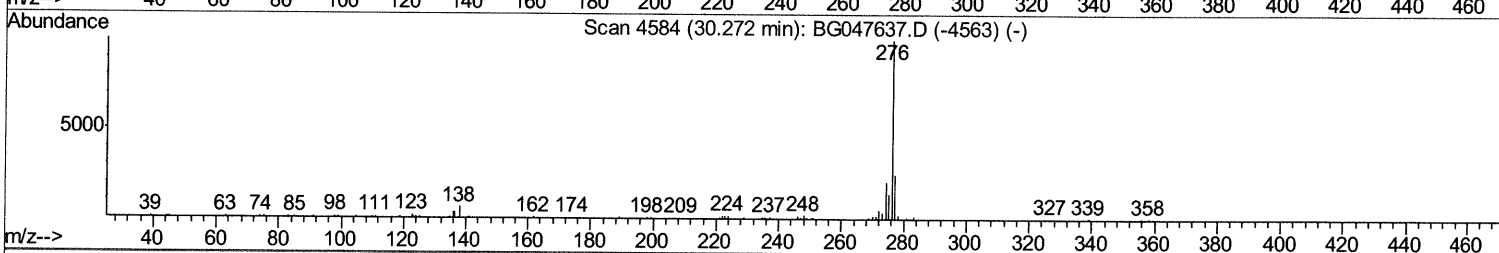
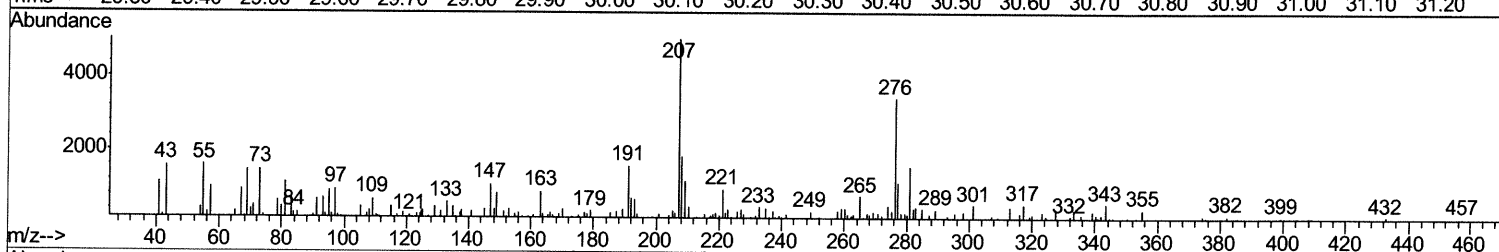
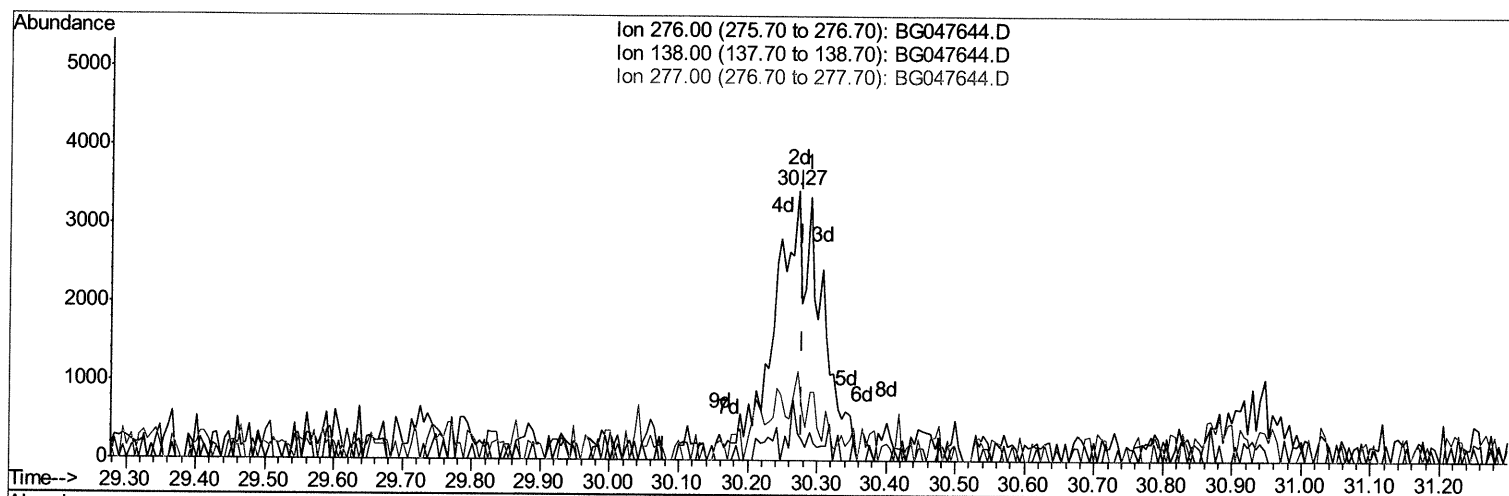
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
Data File : BG047644.D
Acq On : 8 Dec 2020 10:16
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BB5

Manual Integrations
APPROVED

mohammad
12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:46:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration



TIC: BG047644.D

(94) Benzo(g,h,i)perylene

30.271min (-0.007) 1.28ng/ul m 12/09/2020

response 16130

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	10.18#
277.00	27.40	33.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120720\
 Data File : BG047644.D
 Acq On : 8 Dec 2020 10:16
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB5

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:34 PM

Quant Time: Dec 08 14:48:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30414	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	113430	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	83429	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	195545	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	180924	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	199212	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	2918m >	5.11	ng/uL >	0.02	12/09/20 JU
5) Phenol-d5	7.36	99	62354	23.96	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.53	67	34136	25.51	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.74	132	49690	25.17	ng/ul	0.00	
13) 4-Methylphenol-d8	8.91	113	48190	23.32	ng/ul	0.00	
19) Nitrobenzene-d5	9.39	128	24782	26.80	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.11	143	30442	27.31	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.66	165	61025	25.21	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.17	131	60817	27.36	ng/ul	0.00	
44) Dimethylphthalate-d6	14.23	166	179795	24.81	ng/ul	0.00	
47) Acenaphthylene-d8	14.54	160	216933	26.21	ng/ul	0.00	
52) 4-Nitrophenol-d4	15.01	143	25133	23.38	ng/ul	0.00	
58) Fluorene-d10	15.82	176	166346	24.94	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.93	200	24651	18.62	ng/ul	0.00	
71) Anthracene-d10	17.67	188	252418m >	25.88	ng/ul >	0.00	12/09/20 JU
79) Pyrene-d10	19.94	212	265896	24.87	ng/ul	0.00	
90) Benzo(a)pyrene-d12	24.98	264	291784	25.08	ng/ul	0.01	

Target Compounds

					Ovalue	
6) Phenol	7.38	94	6967	2.833	ng/ul#	90
45) Dimethylphthalate	14.27	163	51404	7.002	ng/ul	97
77) Fluoranthene	19.61	202	28285	2.097	ng/ul#	94
80) Pvrene	19.97	202	23866m >	1.814	ng/ul >	12/09/20 JU
83) Benzo(a)anthracene	21.83	228	13439	1.040	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.72	149	36492	5.939	ng/ul#	89
85) Chrysene	21.90	228	18983m >	1.556	ng/ul >	12/09/20 JU
88) Benzo(b)fluoranthene	24.15	252	25949	1.866	ng/ul#	93
91) Benzo(a)pyrene	25.05	252	18629	1.486	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.07	276	15363m }	1.005	ng/ul }	
94) Benzo(g,h,i)perylene	30.27	276	16130m }	1.285	ng/ul }	12/09/20 JU

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