

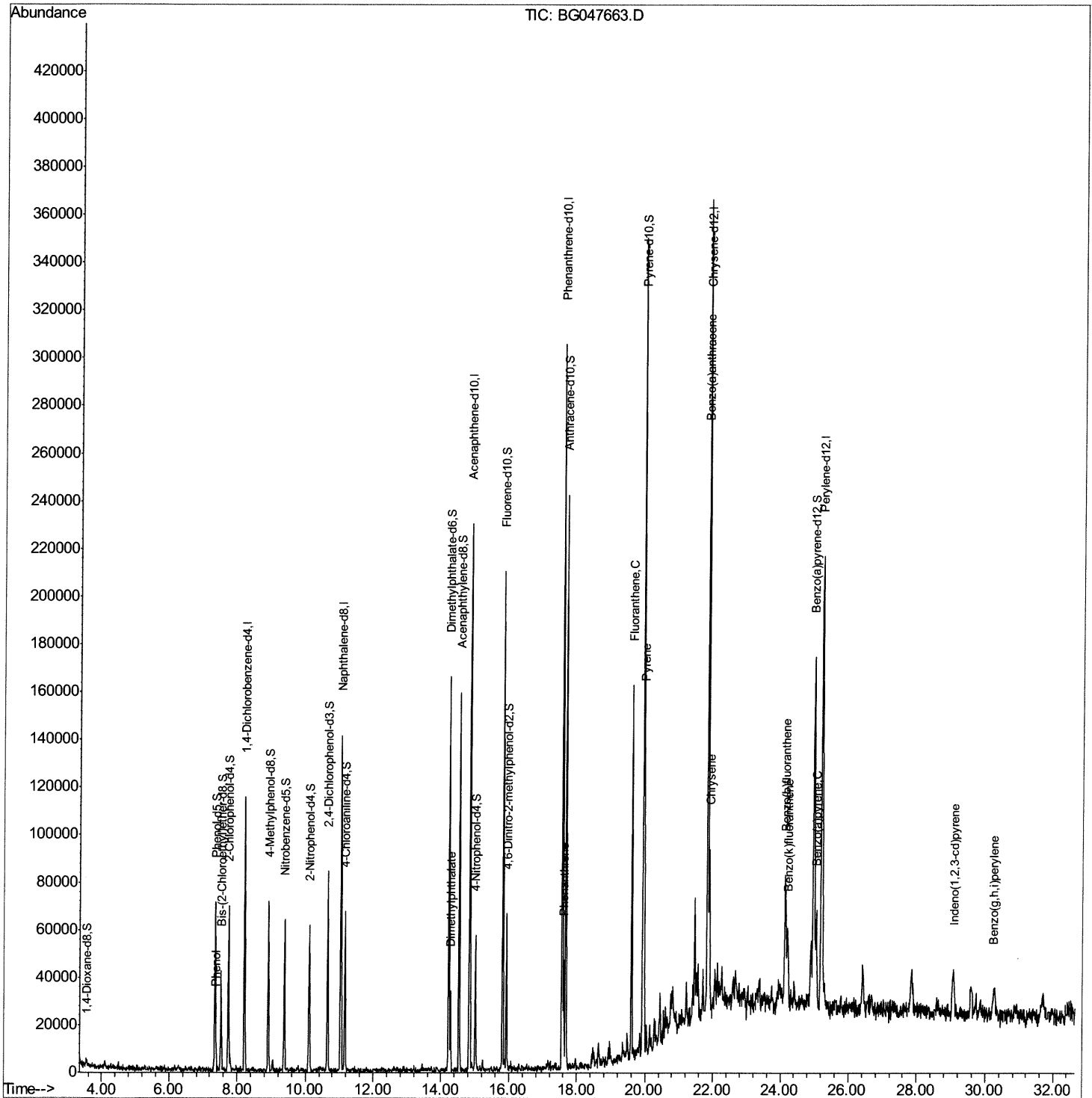
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047663.D
Acq On : 9 Dec 2020 1:37
Operator : CG/JU
Sample : L4942-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B60

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:17 PM

Quant Time: Dec 09 04:10:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 02:42:29 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

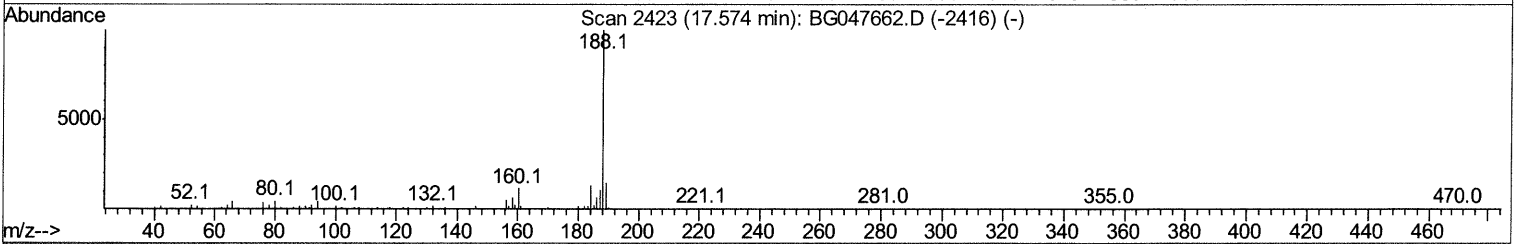
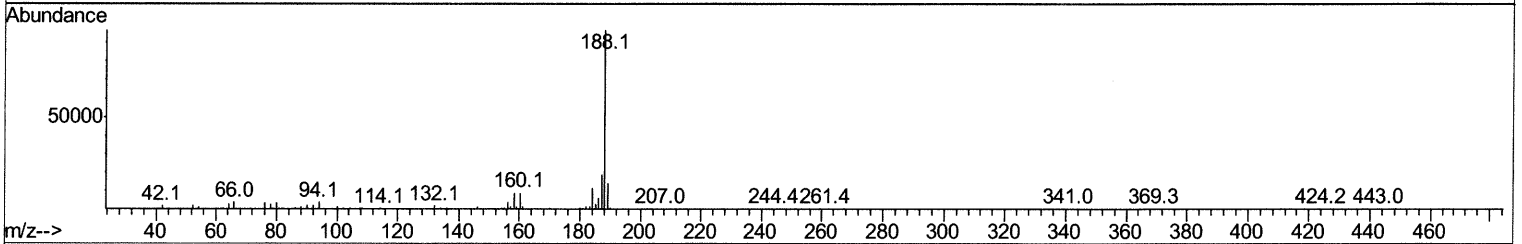
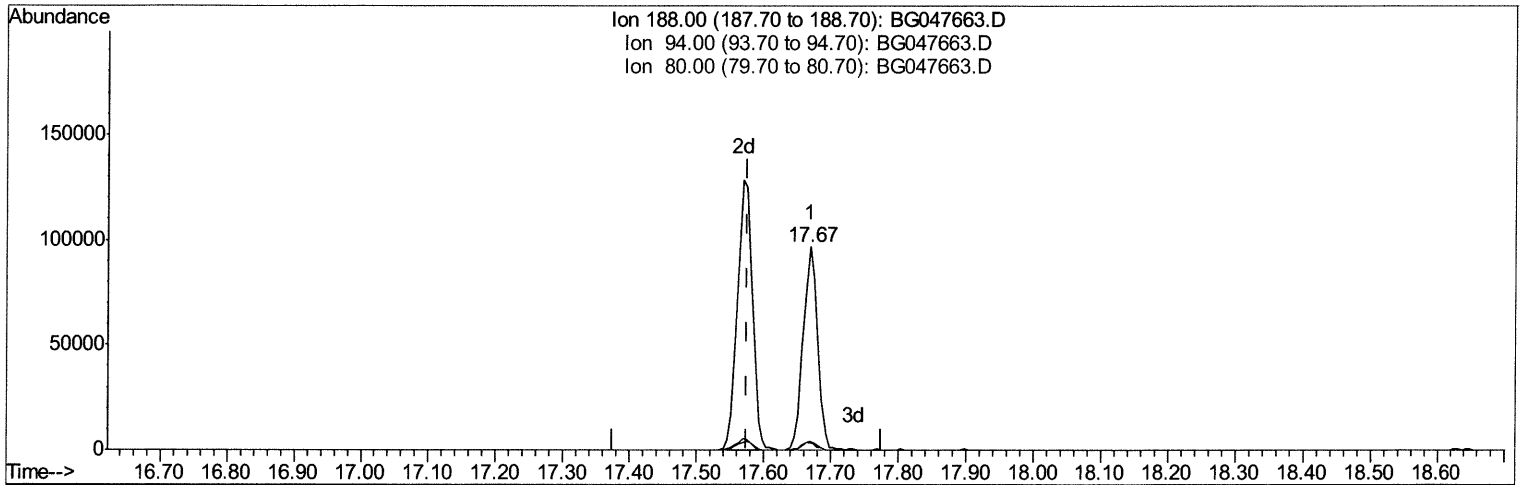
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047663.D
 Acq On : 9 Dec 2020 1:37
 Operator : CG/JU
 Sample : L4942-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B60

Manual Integrations
APPROVED

mohammad
 12/9/2020 12:28:17 PM

Quant Time: Dec 09 03:54:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 02:42:29 2020
 Response via : Initial Calibration



TIC: BG047663.D

(62) Phenanthrene-d10 (I)

17.668min (+0.094) 20.00ng/ul

response 145824

Ion	Exp%	Act%
188.00	100	100
94.00	3.60	4.01
80.00	4.20	3.65
0.00	0.00	0.00

Quantitation Report (Qedit)

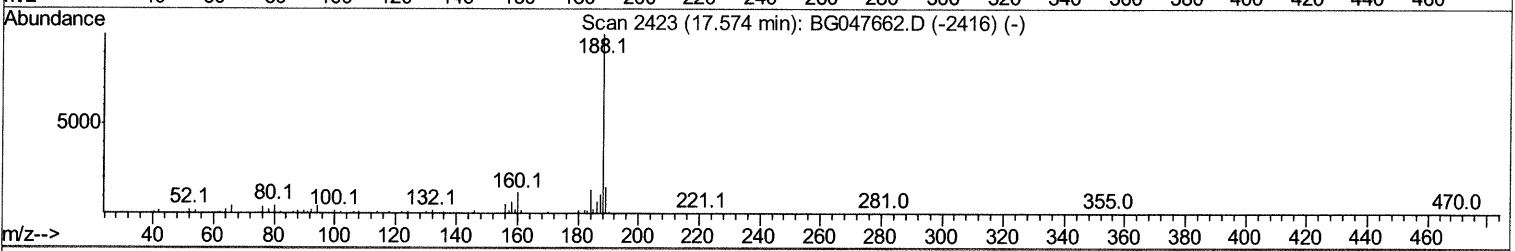
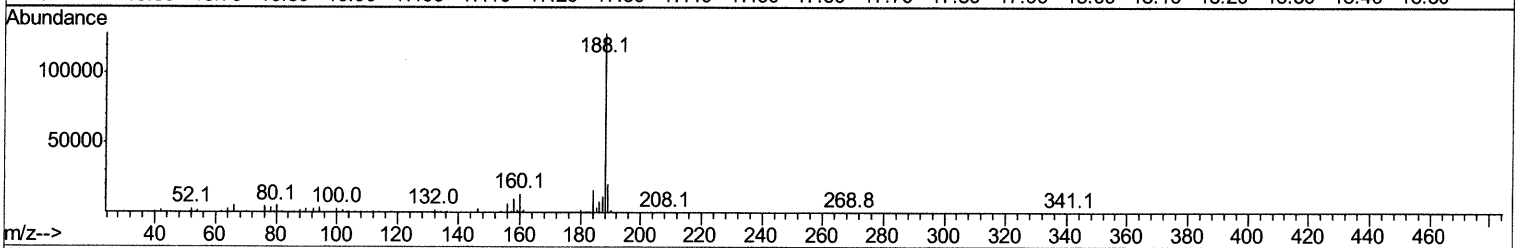
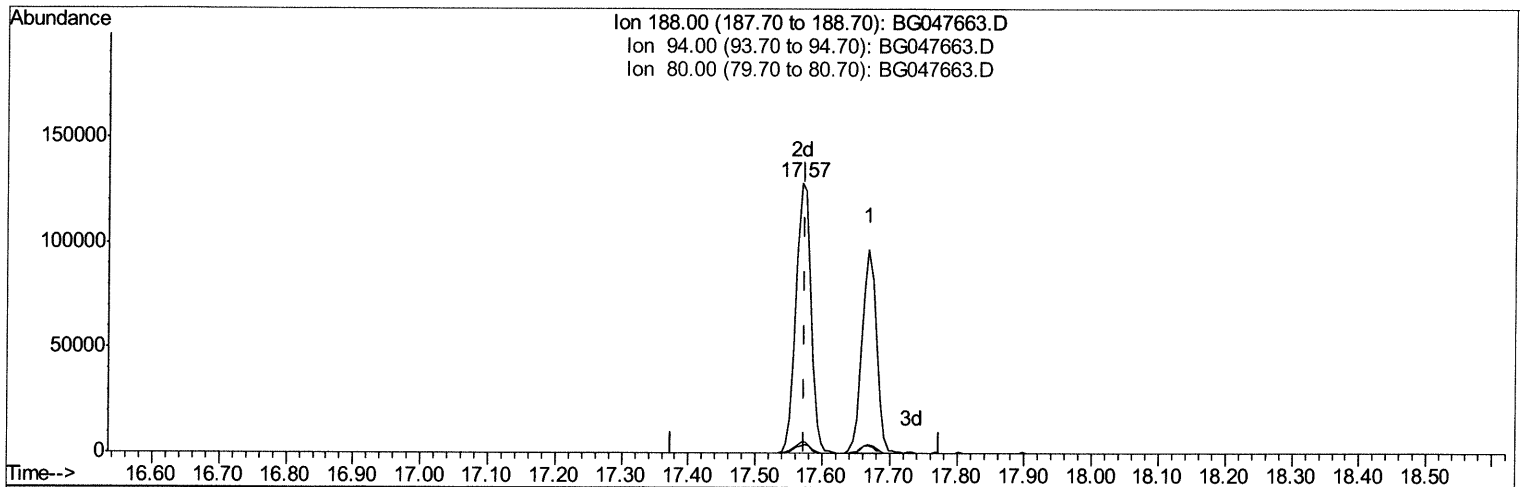
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047663.D
 Acq On : 9 Dec 2020 1:37
 Operator : CG/JU
 Sample : L4942-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 C0B60

Manual Integrations
APPROVED

mohammad
 12/9/2020 12:28:17 PM

Quant Time: Dec 09 03:54:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 02:42:29 2020
 Response via : Initial Calibration



TIC: BG047663.D

(62) Phenanthrene-d10 (I)

17.568min (-0.006) 20.00ng/ul m 12/10/2024

response 199512

Ion	Exp%	Act%
188.00	100	100
94.00	3.60	2.66#
80.00	4.20	3.94
0.00	0.00	0.00

Quantitation Report (Qedit)

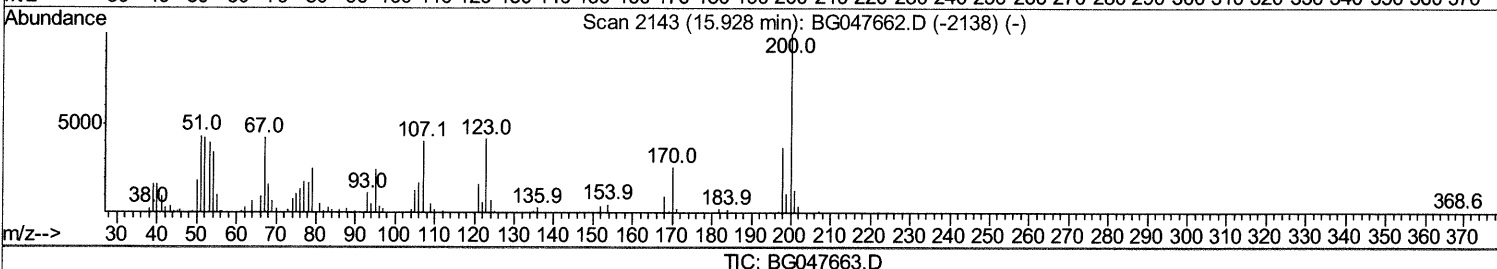
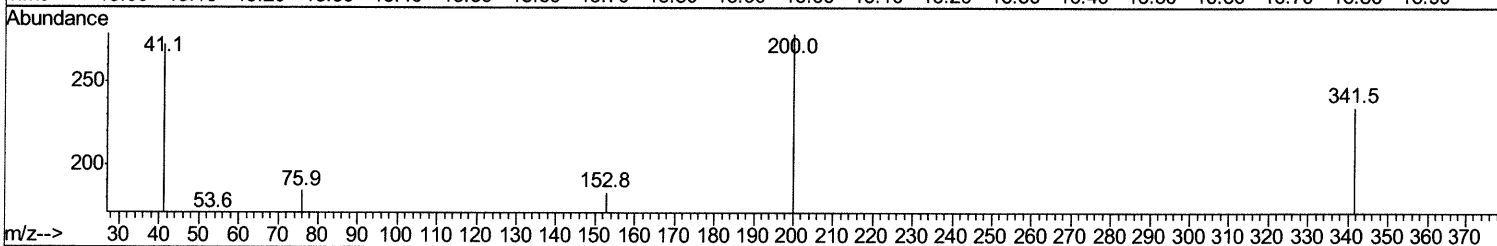
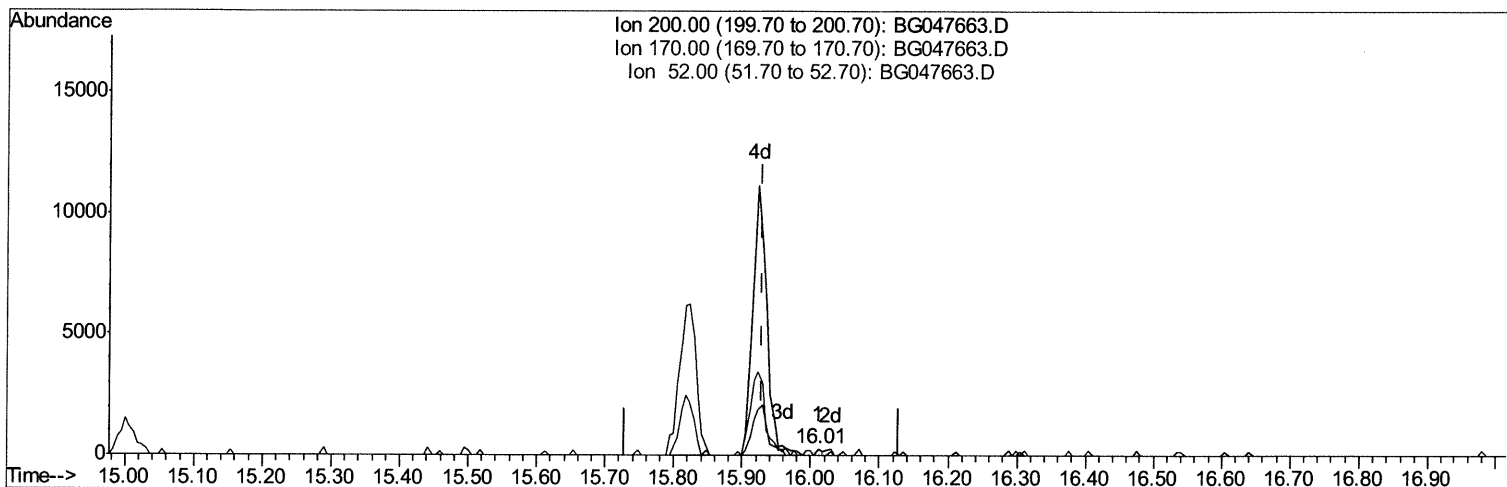
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047663.D
 Acq On : 9 Dec 2020 1:37
 Operator : CG/JU
 Sample : L4942-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B60

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:28:17 PM

Quant Time: Dec 09 03:57:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 02:42:29 2020
 Response via : Initial Calibration



TIC: BG047663.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

16.011min (+0.082) 0.11ng/ul

response 152

Ion	Exp%	Act%
200.00	100	100
170.00	22.20	0.00#
52.00	43.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

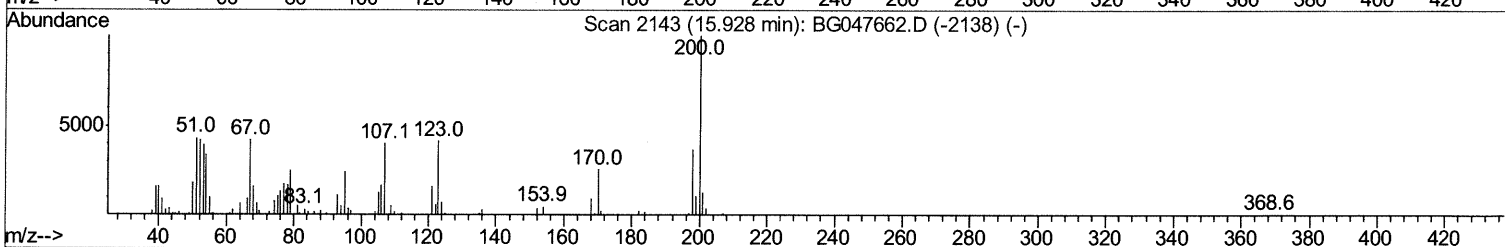
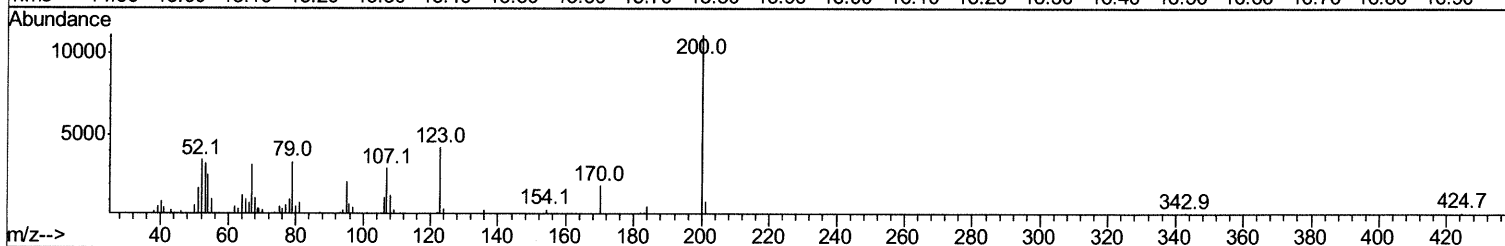
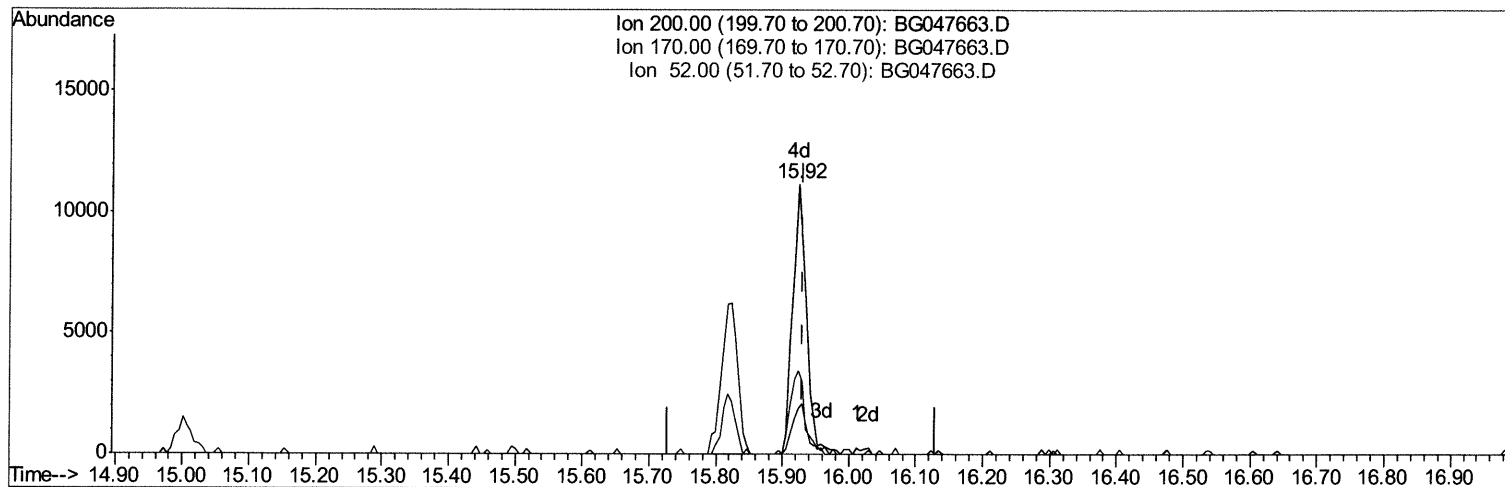
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047663.D
Acq On : 9 Dec 2020 1:37
Operator : CG/JU
Sample : L4942-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B60

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:17 PM

Quant Time: Dec 09 03:57:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 02:42:29 2020
Response via : Initial Calibration



TIC: BG047663.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.923min (-0.006) 11.77ng/ul m 12/16/2020

response 15889

Ion	Exp%	Act%
200.00	100	100
170.00	22.20	16.67#
52.00	43.70	31.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

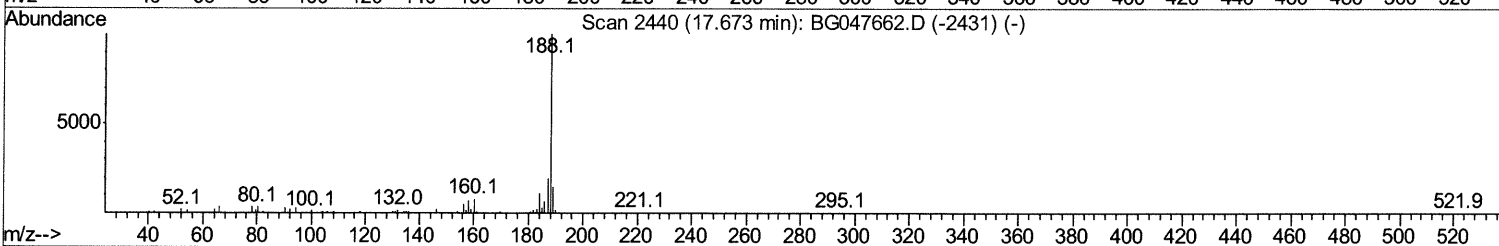
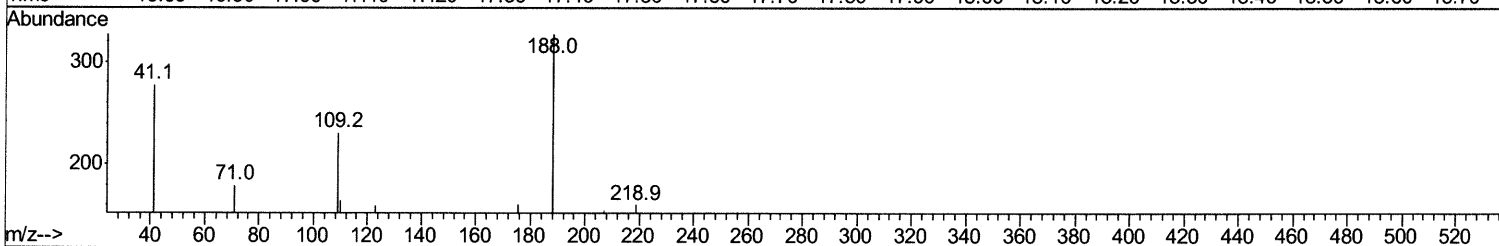
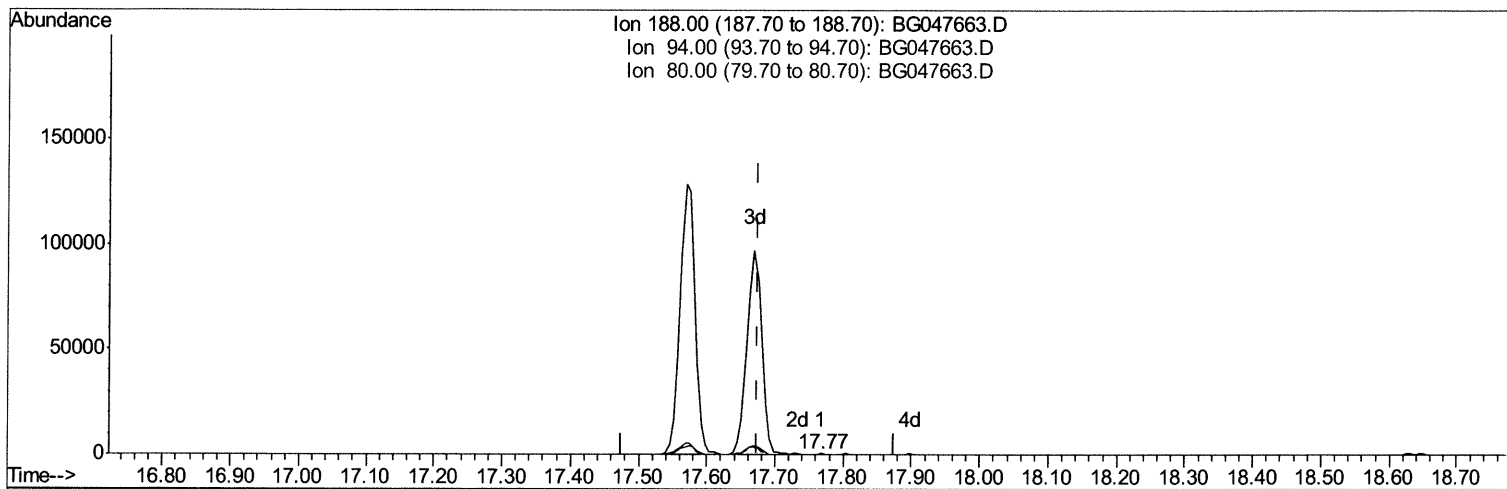
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047663.D
Acq On : 9 Dec 2020 1:37
Operator : CG/JU
Sample : L4942-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B60

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:17 PM

Quant Time: Dec 09 03:57:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 02:42:29 2020
Response via : Initial Calibration



TIC: BG047663.D

(71) Anthracene-d10 (S)

17.768min (+0.094) 0.02ng/ul

response 203

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

Quantitation Report (Qedit)

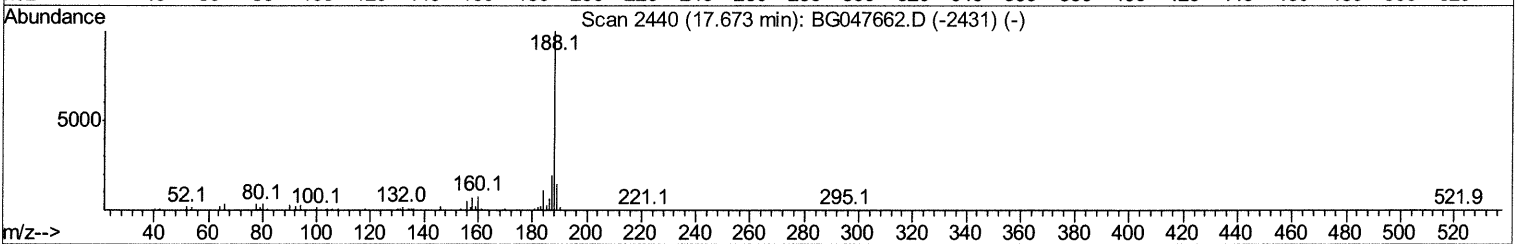
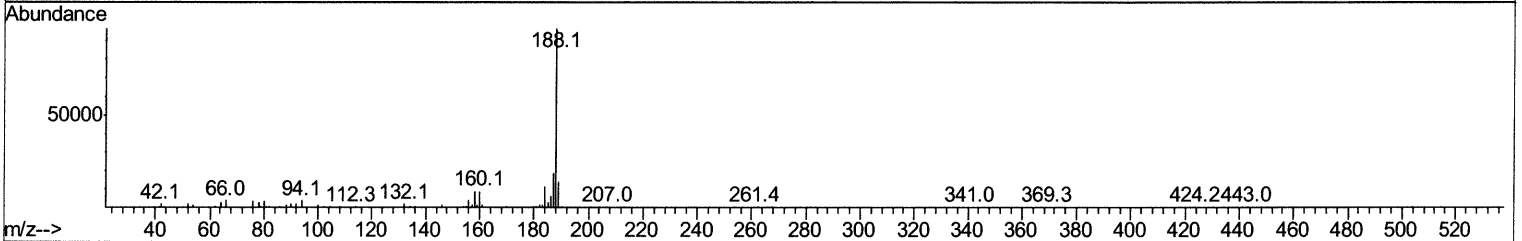
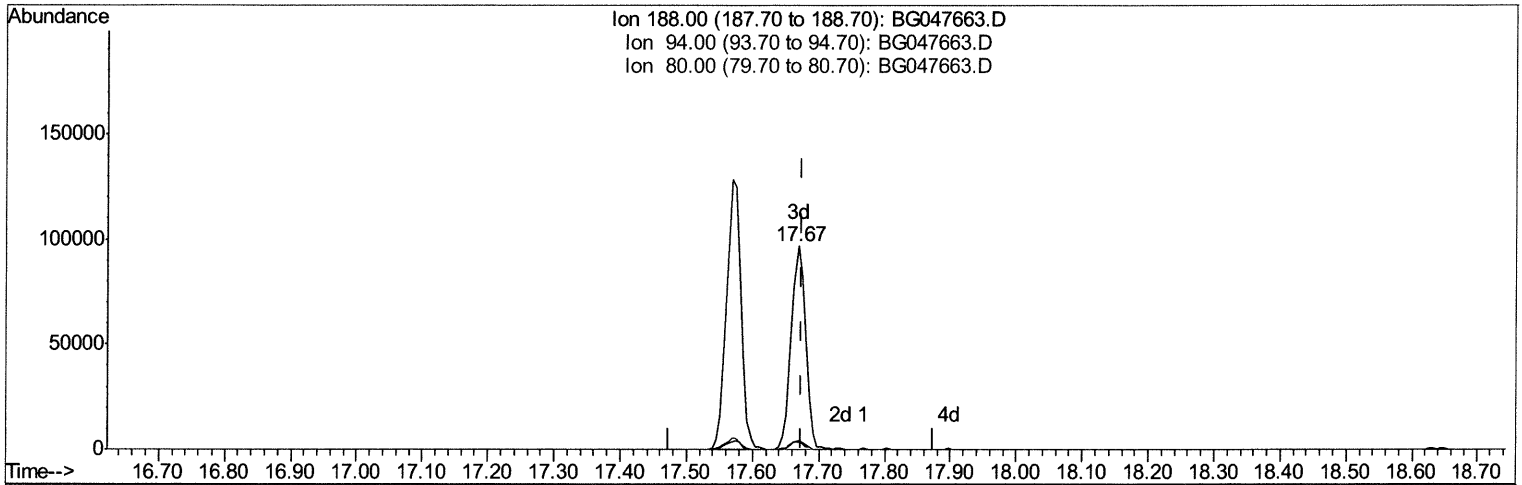
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047663.D
 Acq On : 9 Dec 2020 1:37
 Operator : CG/JU
 Sample : L4942-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B60

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:28:17 PM

Quant Time: Dec 09 03:57:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 02:42:29 2020
 Response via : Initial Calibration



TIC: BG047663.D

(71) Anthracene-d10 (S)

17.668min (-0.006) 14.73ng/ul m 12/10/2020

response 146616

Ion	Exp%	Act%
188.00	100	100
94.00	3.50	4.01
80.00	4.90	3.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

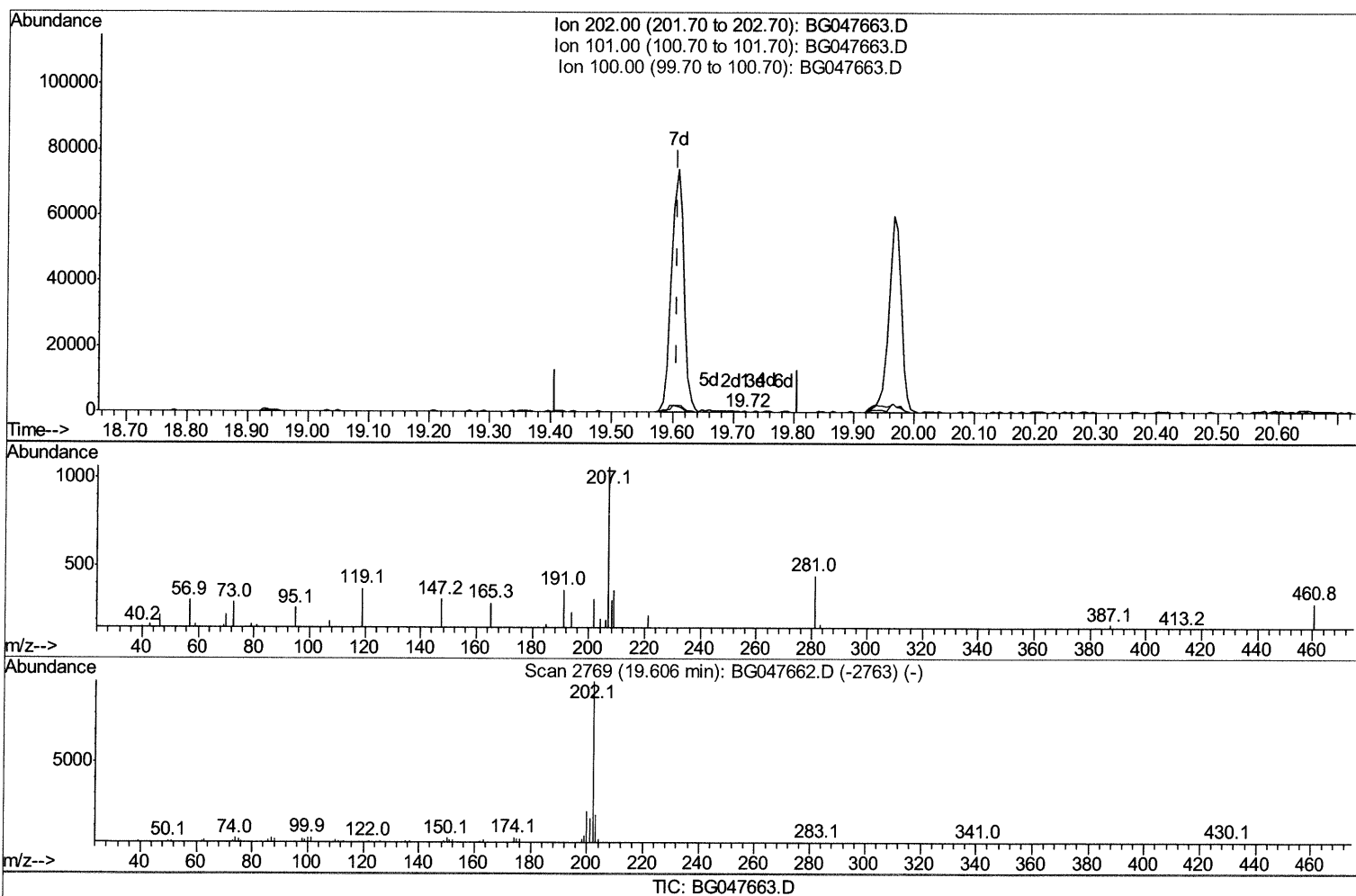
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047663.D
Acq On : 9 Dec 2020 1:37
Operator : CG/JU
Sample : L4942-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B60

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:17 PM

Quant Time: Dec 09 03:57:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 02:42:29 2020
Response via : Initial Calibration



(77) Fluoranthene (C)

19.719min (+0.112) 0.01ng/ul

response 167

Ion	Exp%	Act%
202.00	100	100
101.00	3.00	0.00#
100.00	3.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

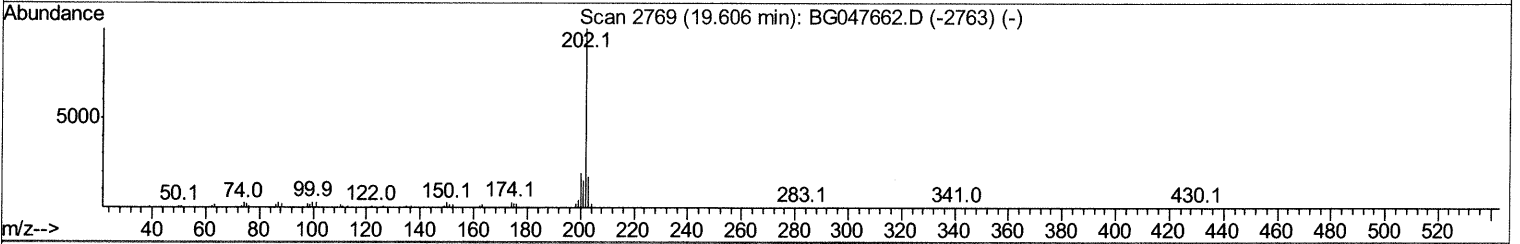
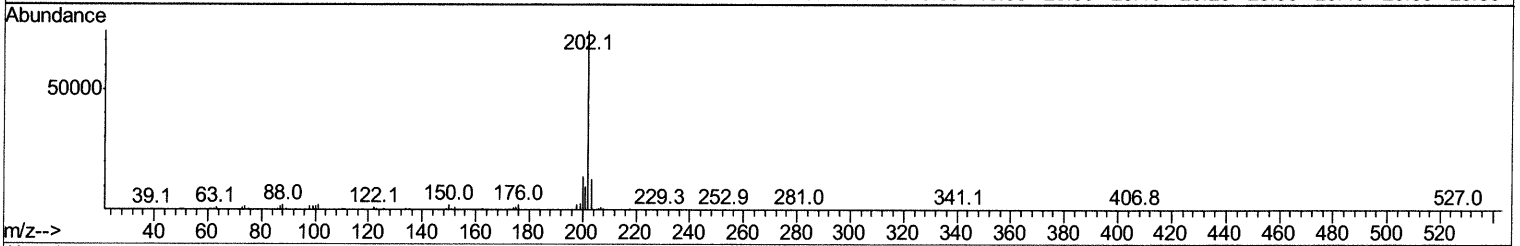
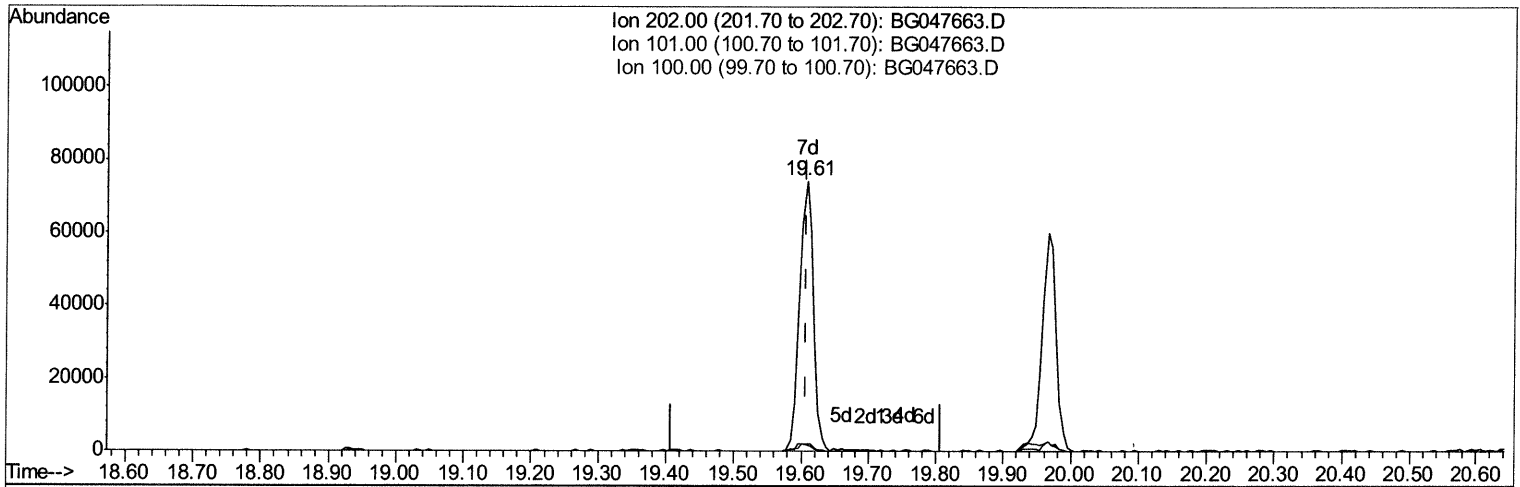
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047663.D
 Acq On : 9 Dec 2020 1:37
 Operator : CG/JU
 Sample : L4942-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B60

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:28:17 PM

Quant Time: Dec 09 03:57:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 02:42:29 2020
 Response via : Initial Calibration



TIC: BG047663.D

(77) Fluoranthene (C)

19.607min (-0.000) 7.59ng/ul m 12/10/2024

response 104481

Ion	Exp%	Act%
202.00	100	100
101.00	3.00	2.68
100.00	3.20	2.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

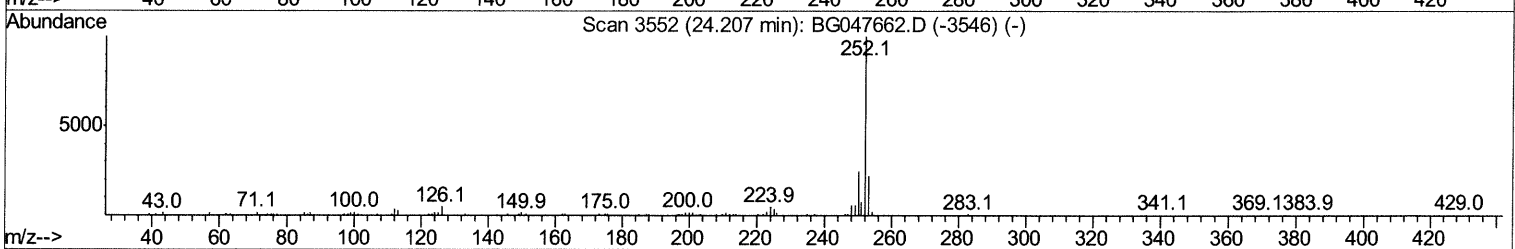
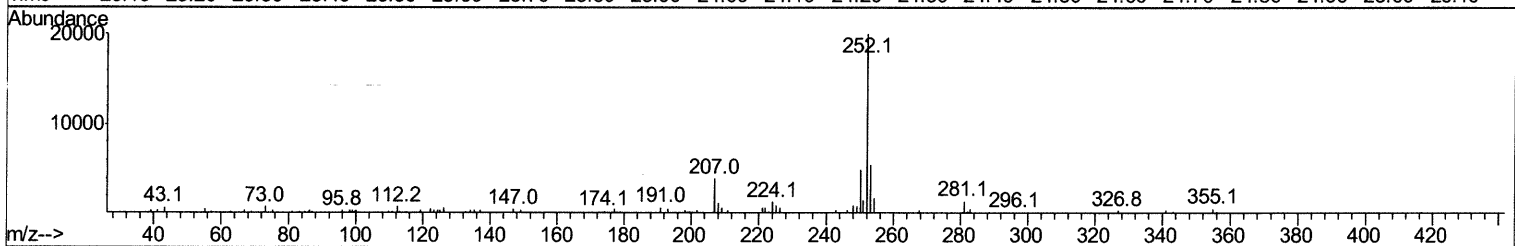
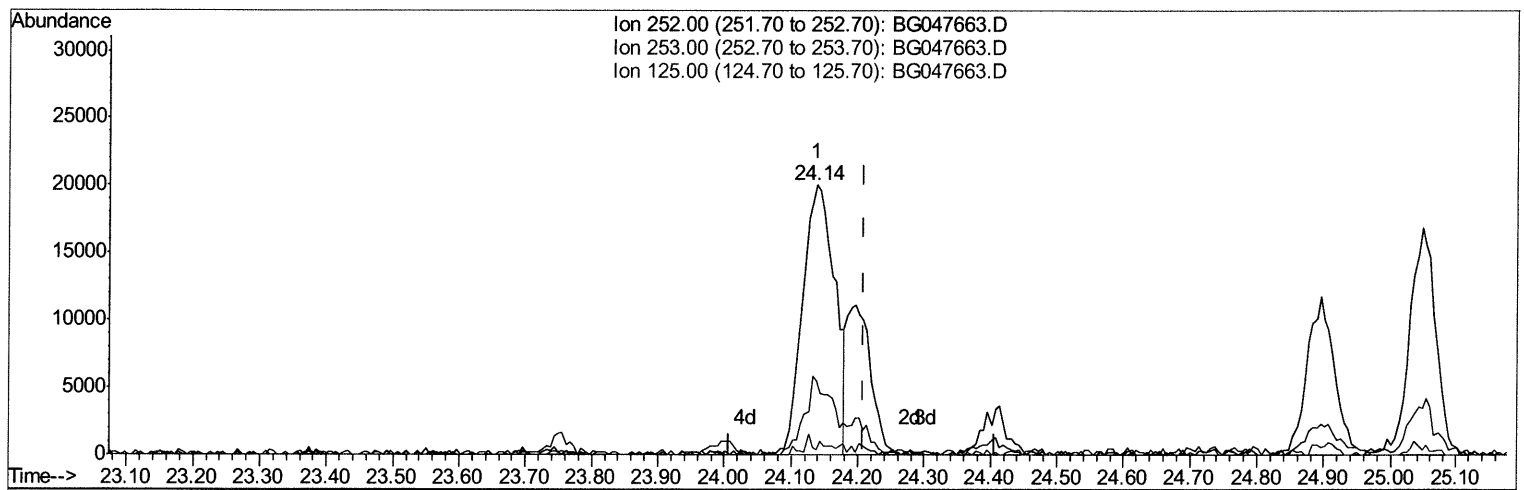
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047663.D
Acq On : 9 Dec 2020 1:37
Operator : CG/JU
Sample : L4942-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B60

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:17 PM

Quant Time: Dec 09 04:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 02:42:29 2020
Response via : Initial Calibration



TIC: BG047663.D

(89) Benzo(k)fluoranthene

24.137min (-0.071) 4.58ng/ul

response 67610

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	27.14#
125.00	2.80	1.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

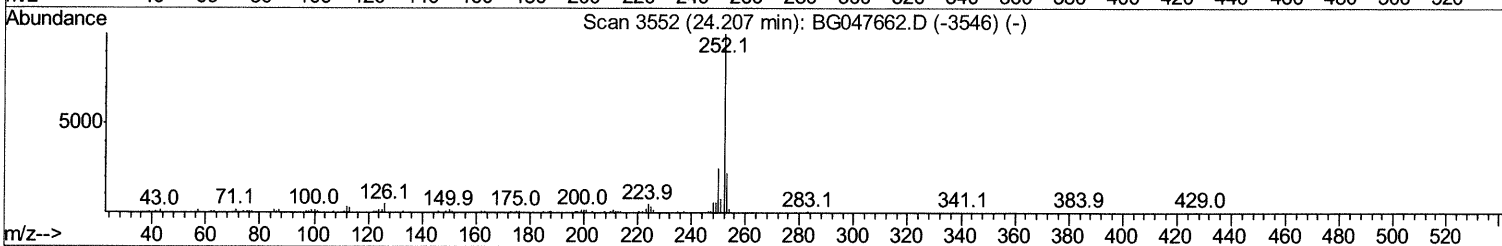
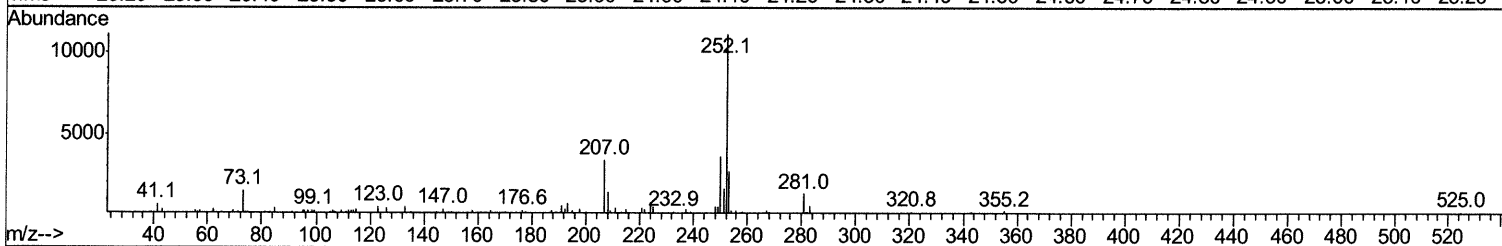
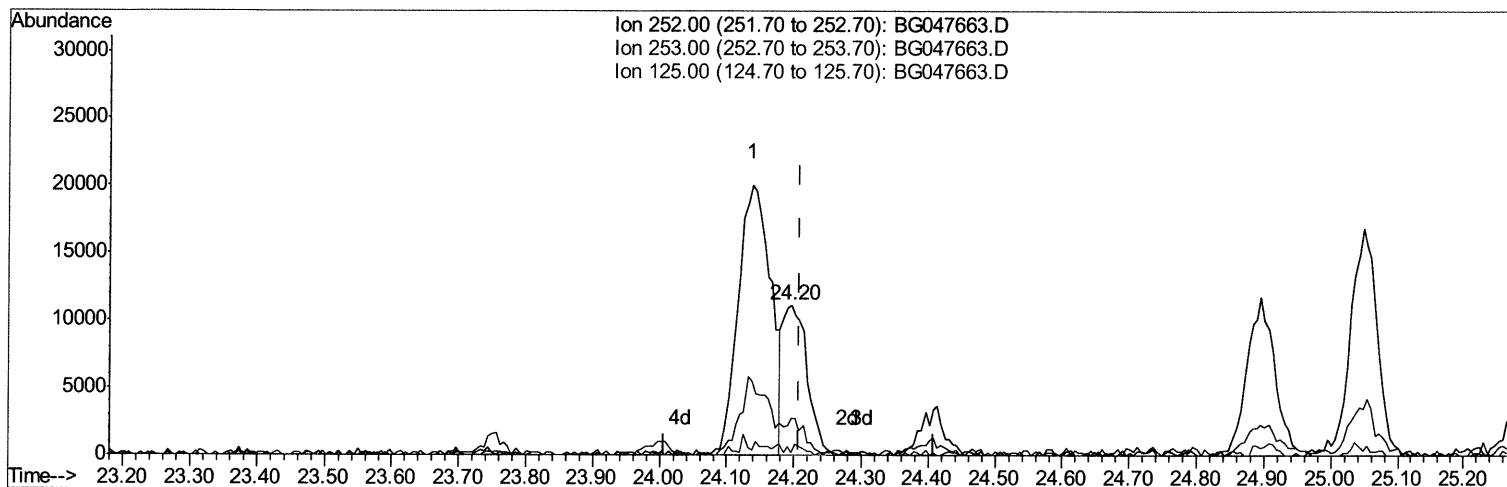
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047663.D
Acq On : 9 Dec 2020 1:37
Operator : CG/JU
Sample : L4942-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B60

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:17 PM

Quant Time: Dec 09 04:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 02:42:29 2020
Response via : Initial Calibration



TIC: BG047663.D

(89) Benzo(k)fluoranthene

24.196min (-0.012) 1.85ng/ul m (2/10/2020)

response 27370

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	24.51
125.00	2.80	1.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

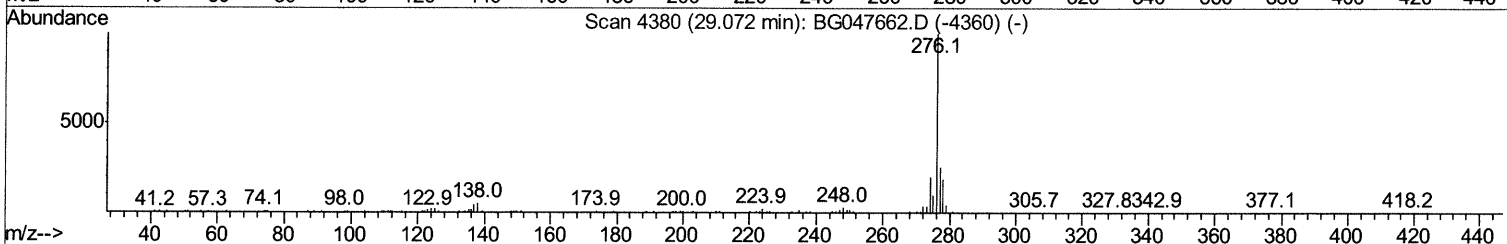
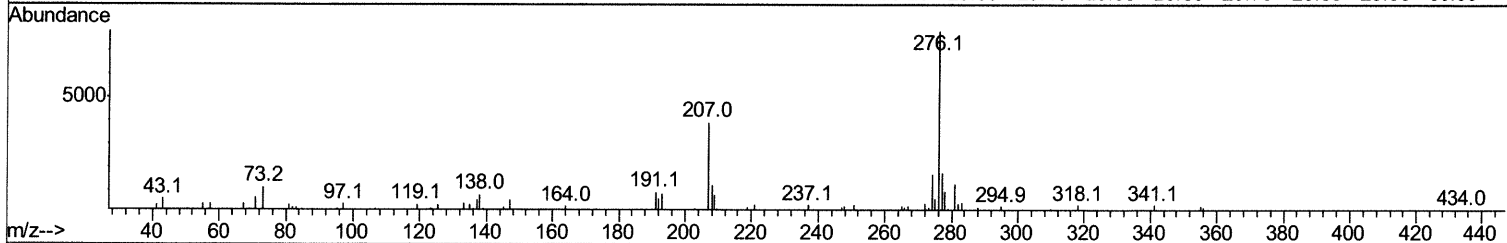
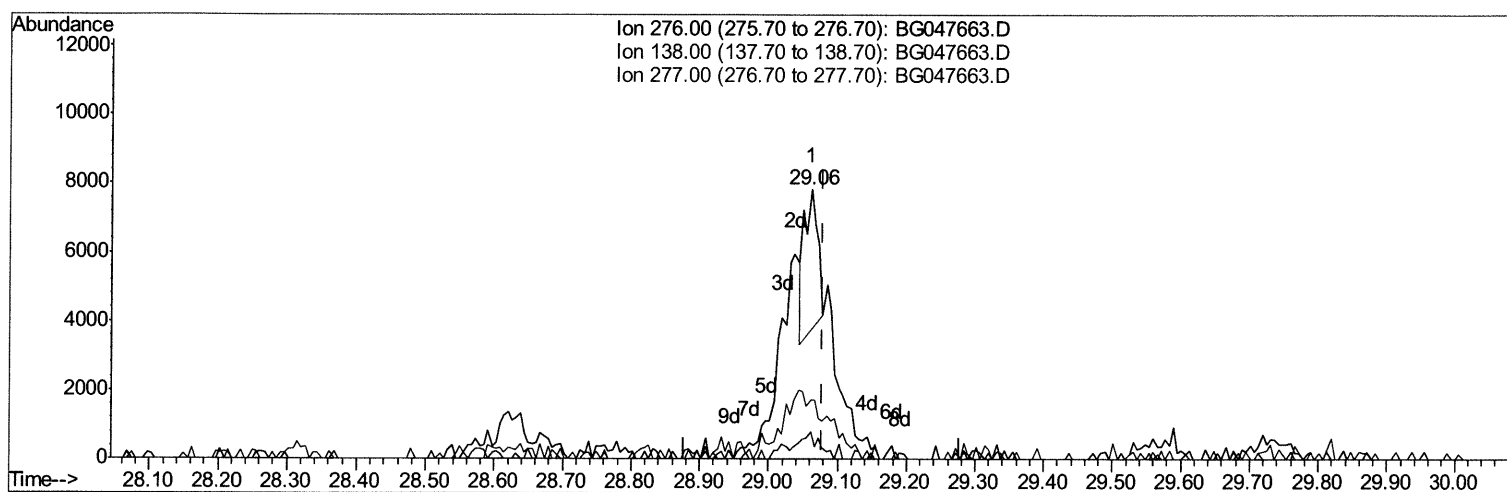
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047663.D
Acq On : 9 Dec 2020 1:37
Operator : CG/JU
Sample : L4942-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B60

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:17 PM

Quant Time: Dec 09 04:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG047663.D

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

29.061min (-0.018) 0.35ng/ul

response 5771

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	10.21#
277.00	23.20	21.89
0.00	0.00	0.00

Quantitation Report (Qedit)

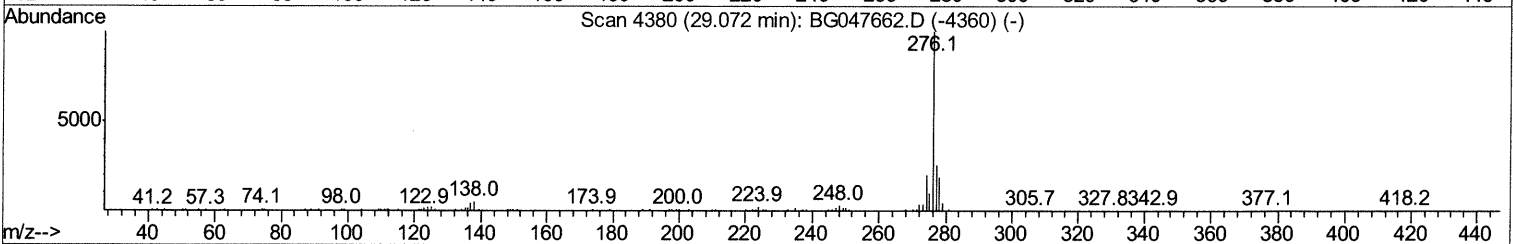
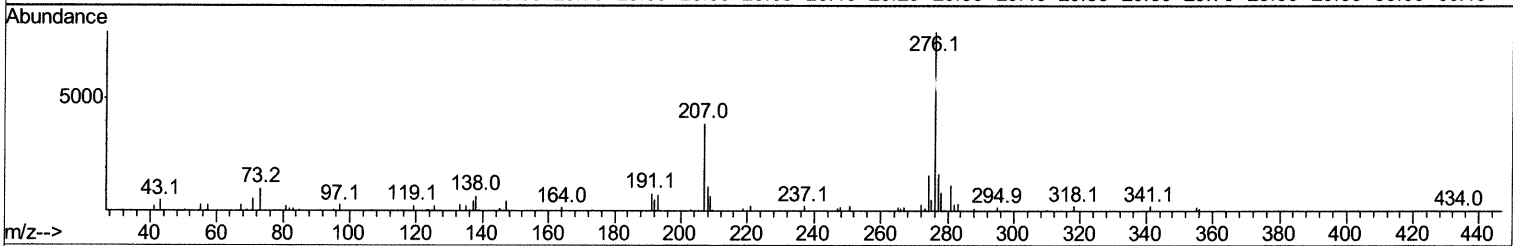
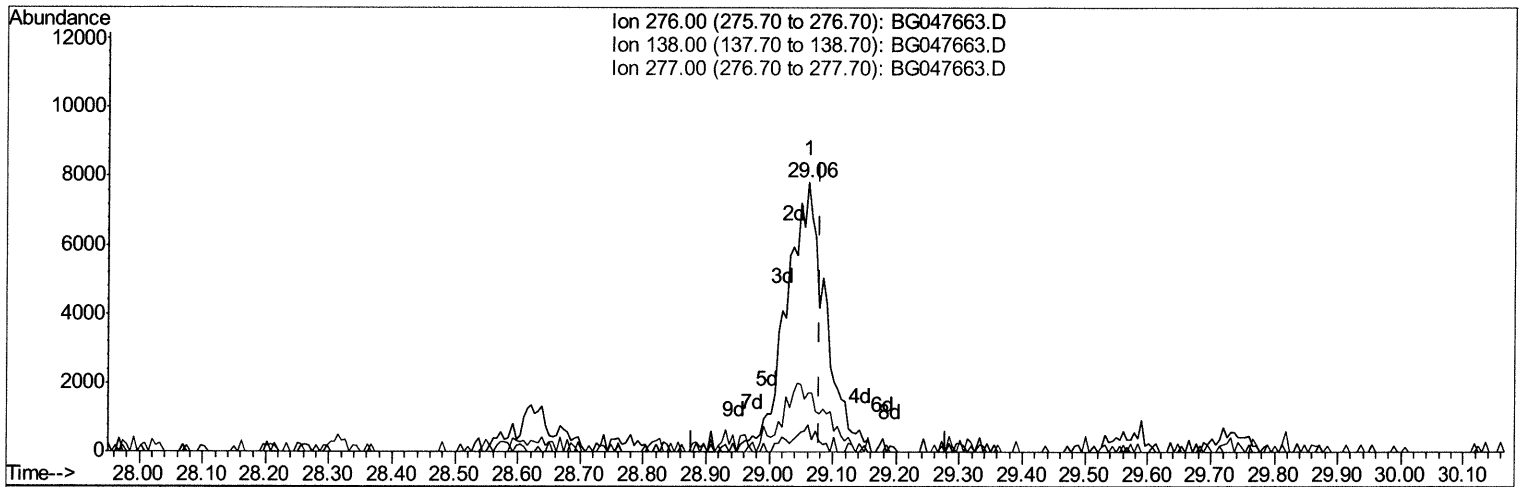
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047663.D
Acq On : 9 Dec 2020 1:37
Operator : CG/JU
Sample : L4942-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B60

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:17 PM

Quant Time: Dec 09 04:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 02:42:29 2020
Response via : Initial Calibration



TIC: BG047663.D

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

29.061min (-0.018) 2.08ng/ul m 12/10/2020

response 34001

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	10.21#
277.00	23.20	21.89
0.00	0.00	0.00

Quantitation Report (Qedit)

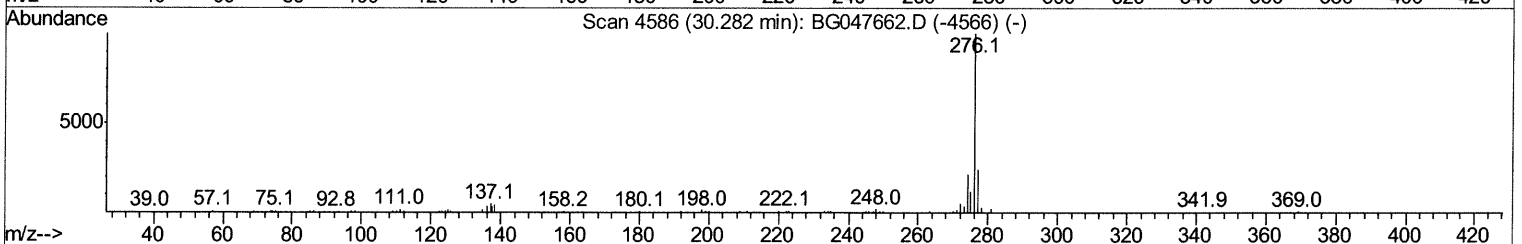
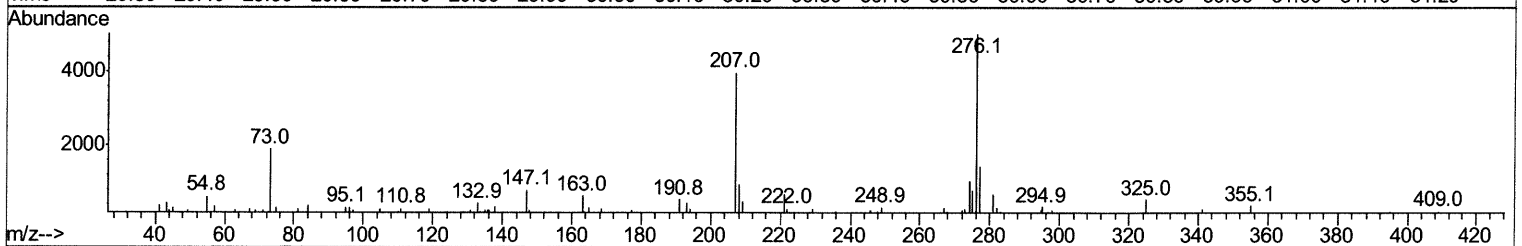
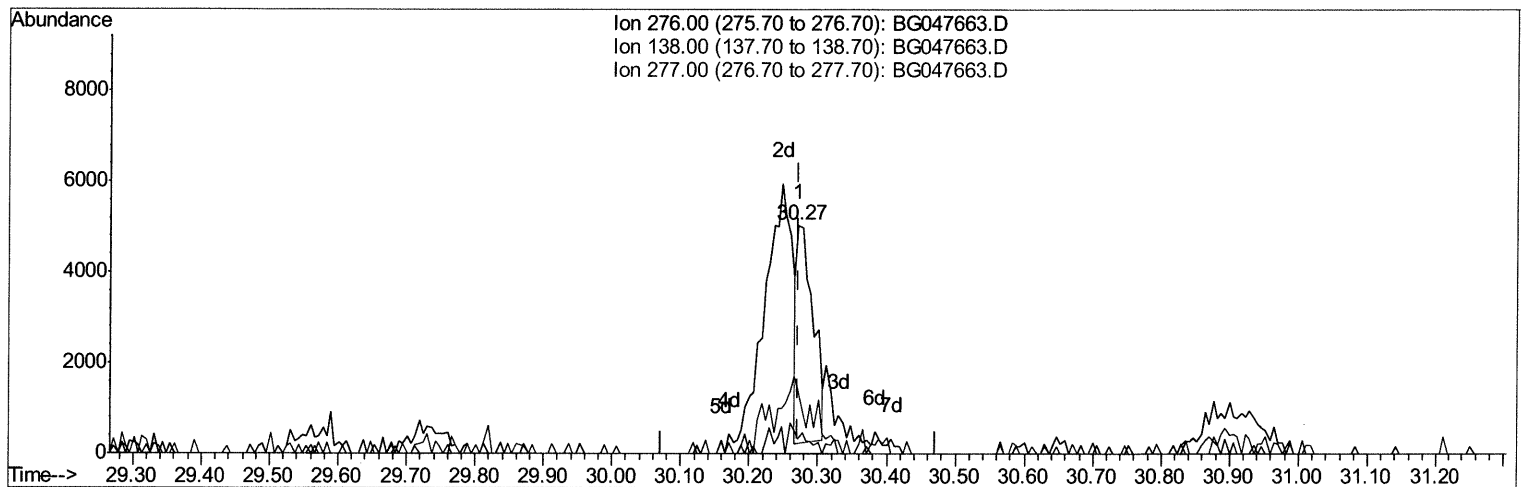
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047663.D
Acq On : 9 Dec 2020 1:37
Operator : CG/JU
Sample : L4942-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B60

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:17 PM

Quant Time: Dec 09 04:08:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 02:42:29 2020
Response via : Initial Calibration



TIC: BG047663.D

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

30.271min (-0.000) 0.59ng/ul

response 7896

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	6.41
277.00	27.40	28.07
0.00	0.00	0.00

Quantitation Report (Qedit)

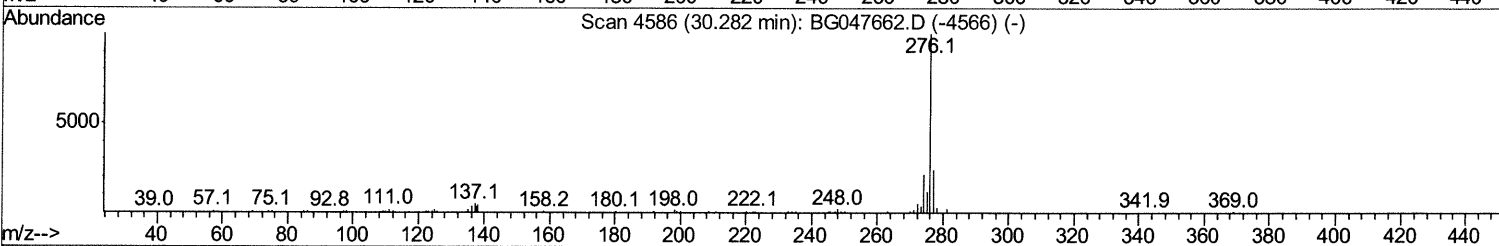
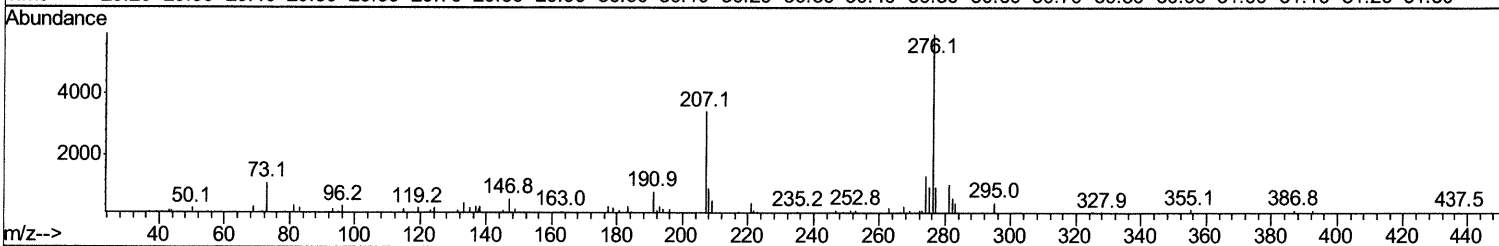
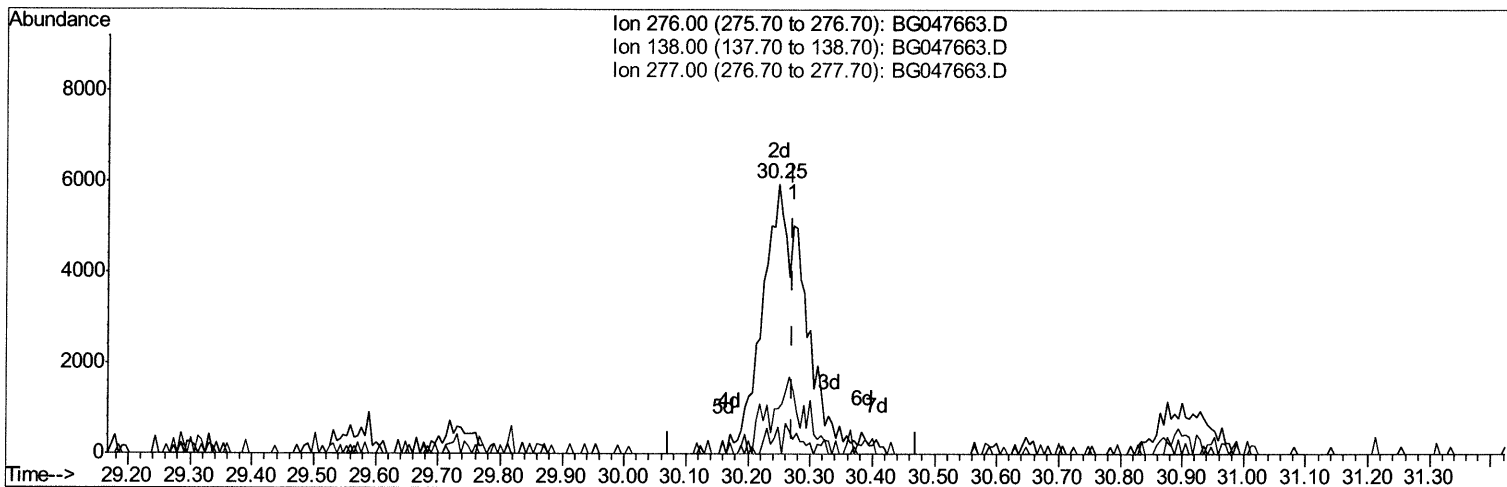
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047663.D
 Acq On : 9 Dec 2020 1:37
 Operator : CG/JU
 Sample : L4942-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B60

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:28:17 PM

Quant Time: Dec 09 04:08:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 02:42:29 2020
 Response via : Initial Calibration



TIC: BG047663.D

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

30.248min (-0.024) 2.15ng/ul m 12/10/2020

response 28854

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	5.58
277.00	27.40	16.75#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047663.D
 Acq On : 9 Dec 2020 1:37
 Operator : CG/JU
 Sample : L4942-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B60

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:28:17 PM

Quant Time: Dec 09 04:10:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 02:42:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27830	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	108161	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	82997	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	199512m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	206140	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	213338	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.54	96	994	1.90	ng/uL	0.00
5) Phenol-d5	7.35	99	30447	12.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	18387	15.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	25163	13.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	20907	11.06	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	12974	14.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	13987	13.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	28370	12.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	27845	13.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	92428	12.82	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	113927	13.84	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	9519	8.90	ng/ul	0.00
58) Fluorene-d10	15.82	176	86832	13.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	15889m	11.77	ng/ul	0.00
71) Anthracene-d10	17.67	188	146616m	14.73	ng/ul	0.00
79) Pyrene-d10	19.94	212	180922	14.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.97	264	181610	14.57	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.38	94	3711	1.649	ng/ul#	91
45) Dimethylphthalate	14.27	163	18911	2.590	ng/ul#	96
70) Phenanthrene	17.62	178	28017	2.591	ng/ul	97
77) Fluoranthene	19.61	202	104481m	7.594	ng/ul	96
80) Pyrene	19.97	202	87133	5.812	ng/ul#	98
83) Benzo(a)anthracene	21.83	228	52633	3.574	ng/ul	94
85) Chrysene	21.90	228	49758	3.580	ng/ul	93
88) Benzo(b)fluoranthene	24.14	252	67610	4.540	ng/ul#	98
89) Benzo(k)fluoranthene	24.20	252	27370m	1.854	ng/ul	98
91) Benzo(a)pyrene	25.05	252	45321	3.375	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.06	276	34001m	2.076	ng/ul	98
94) Benzo(a,h,i)perylene	30.25	276	28854m	2.146	ng/ul	98

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