

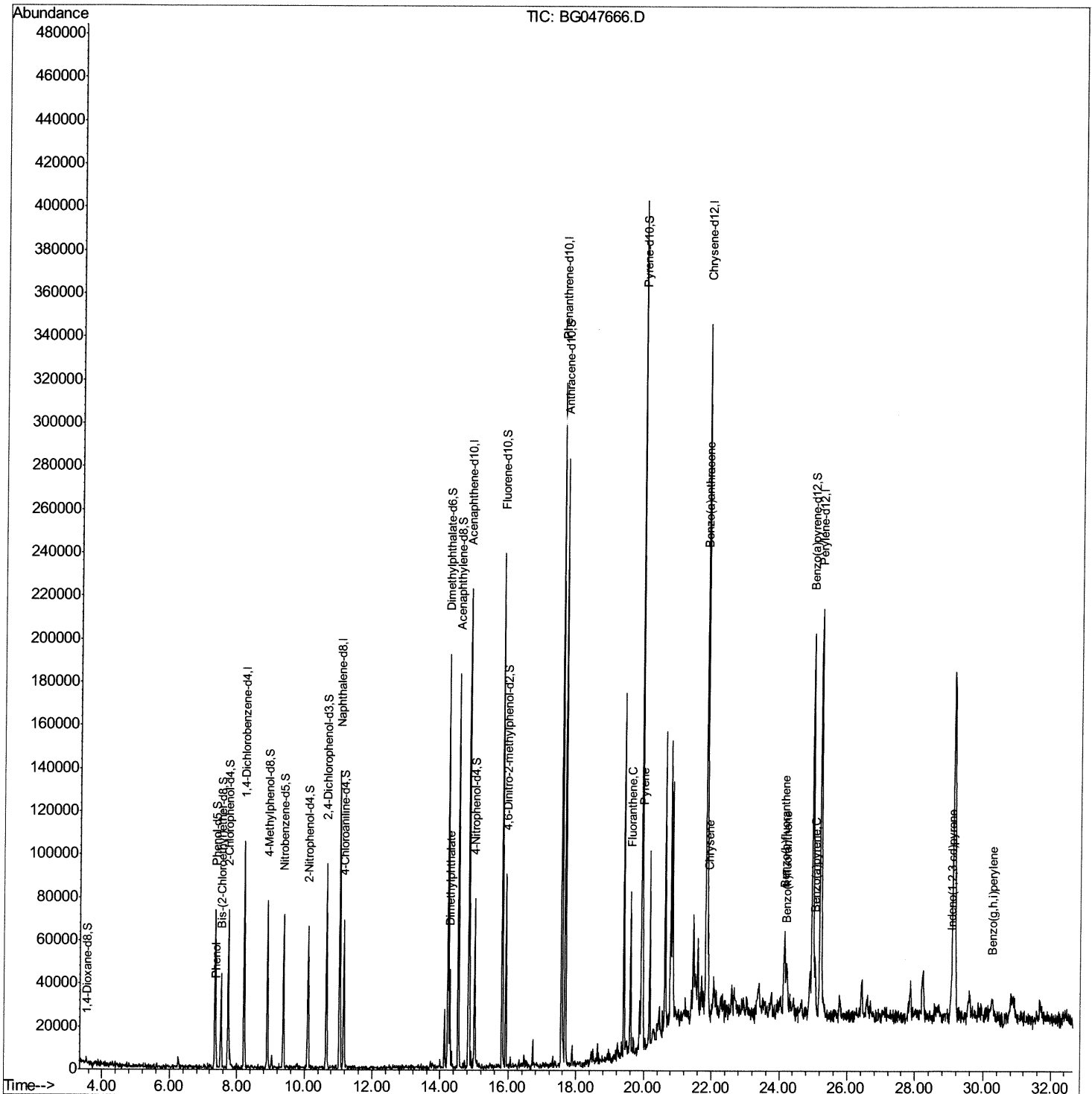
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:28:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

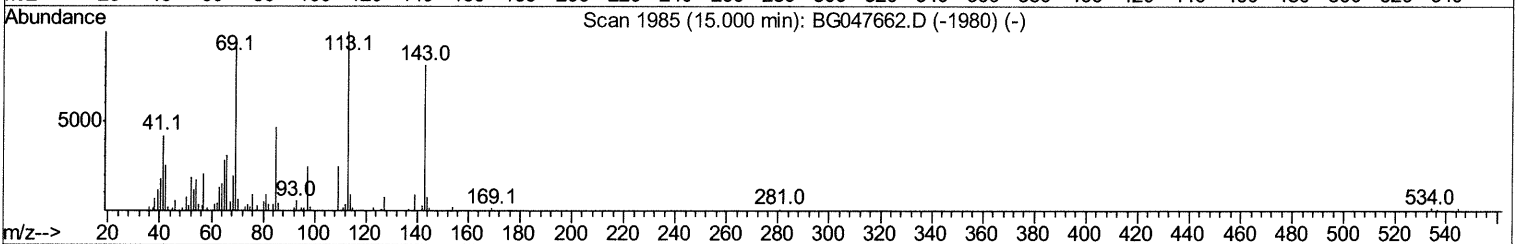
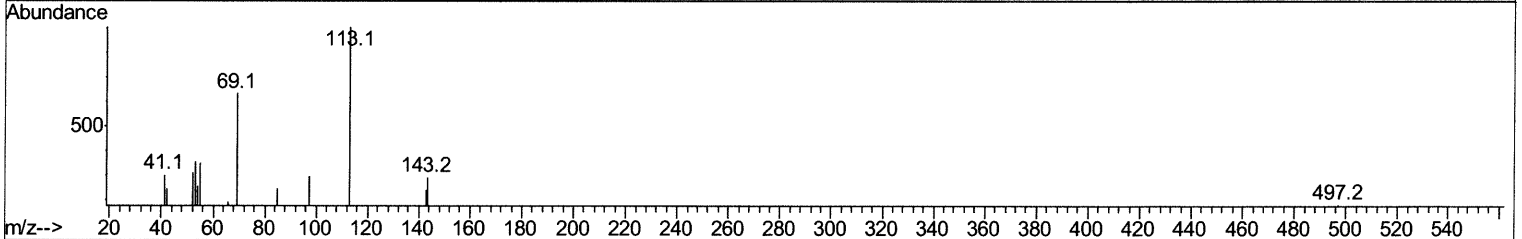
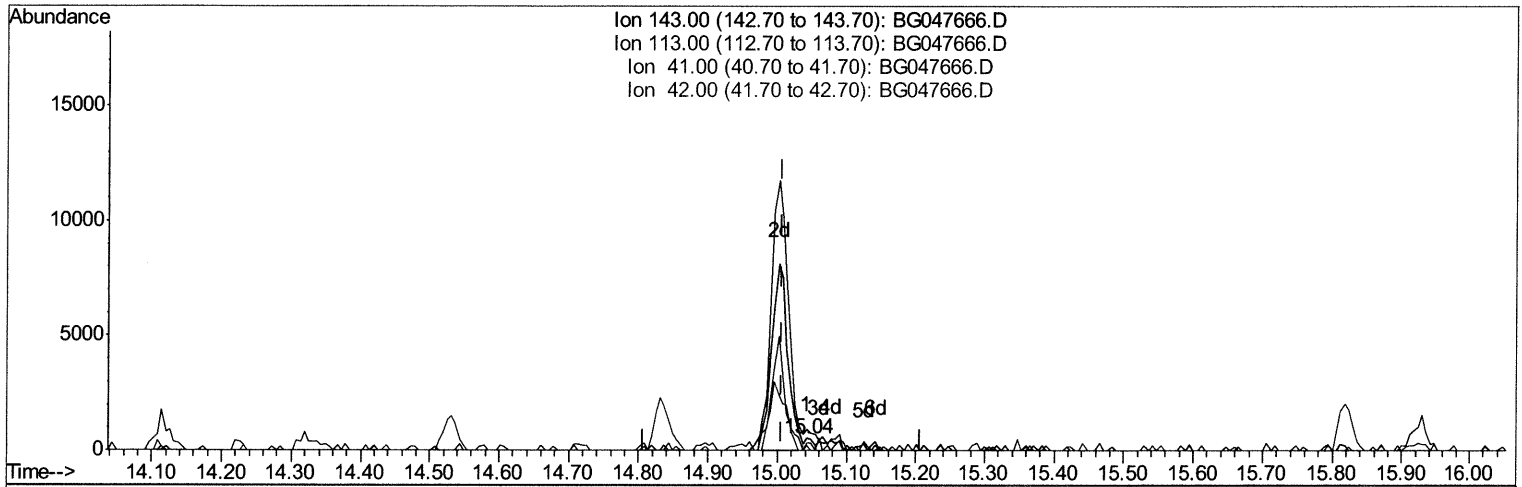
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047666.D
 Acq On : 9 Dec 2020 3:38
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B98

Manual Integrations
APPROVED

mohammad
 12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:54:21 2020
 Response via : Initial Calibration



TIC: BG047666.D

(52) 4-Nitrophenol-d4 (S)
 15.042min (+0.036) 0.42ng/ul
 response 428

Ion	Exp%	Act%
143.00	100	100
113.00	164.40	171.08
41.00	54.90	56.90
42.00	38.20	45.75

Quantitation Report (Qedit)

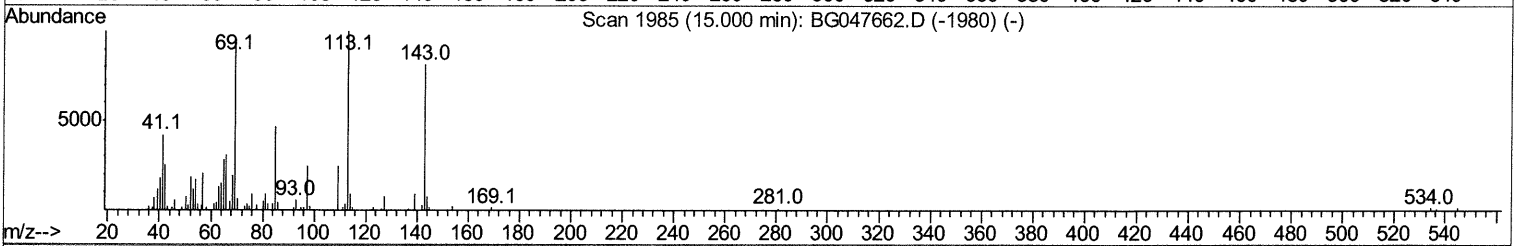
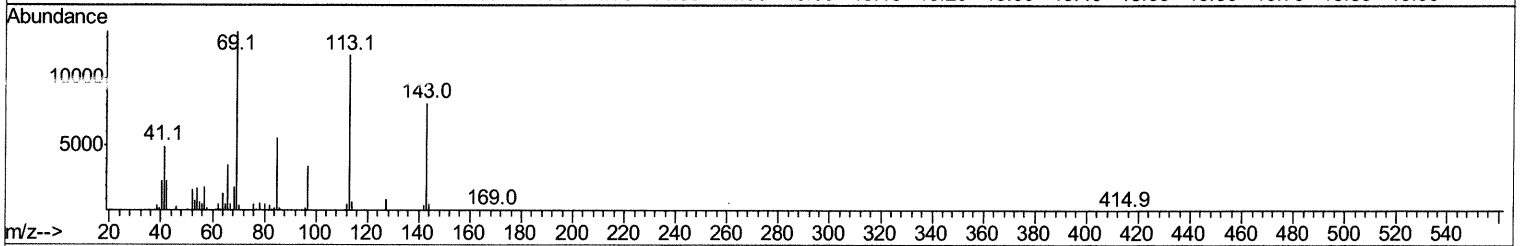
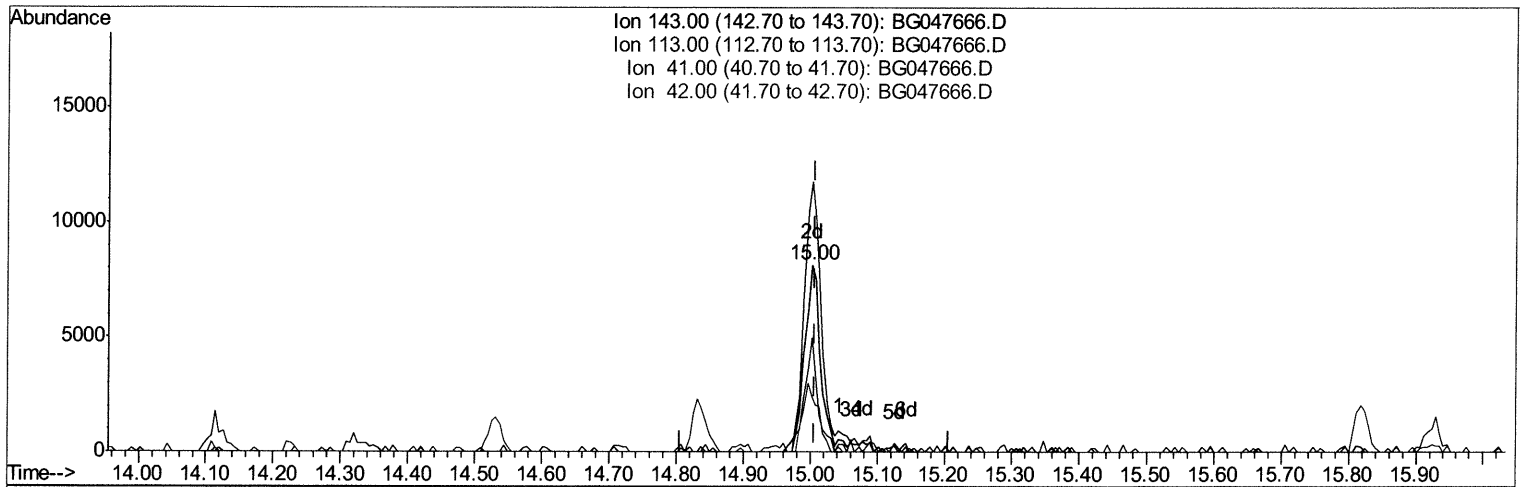
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047666.D
 Acq On : 9 Dec 2020 3:38
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B98

Manual Integrations
APPROVED

mohammad
 12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:54:21 2020
 Response via : Initial Calibration



TIC: BG047666.D

(52) 4-Nitrophenol-d4 (S)

15.001min (-0.006) 13.41ng/ul m 12/10/2024

response 13663

Ion	Exp%	Act%
143.00	100	100
113.00	164.40	144.72
41.00	54.90	60.93
42.00	38.20	29.36#

Quantitation Report (Qedit)

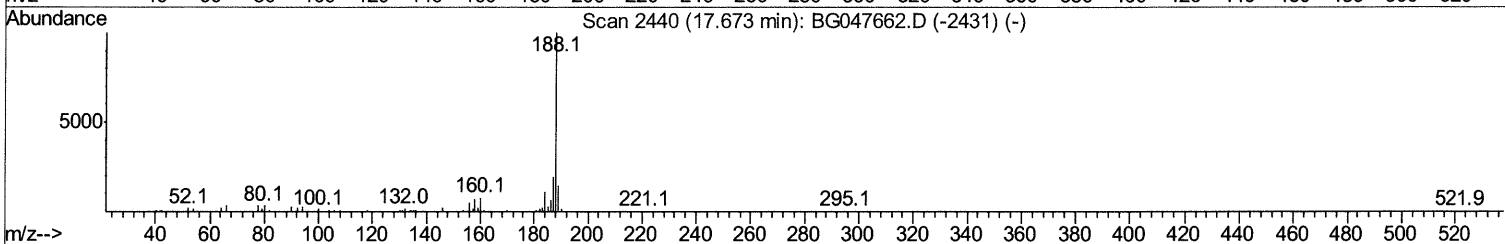
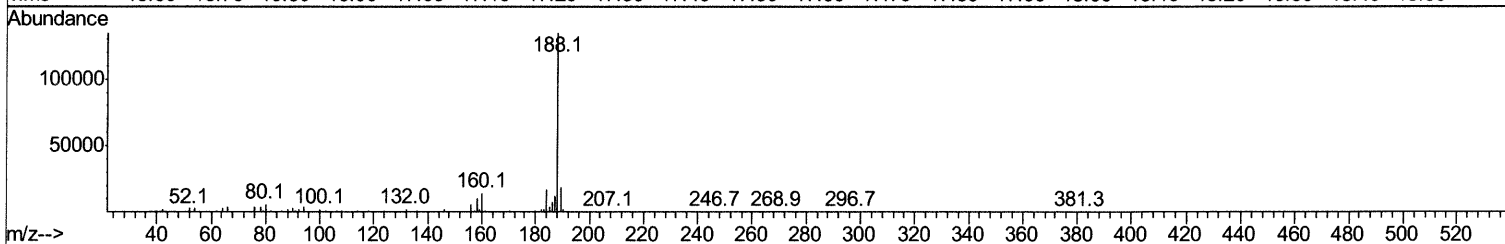
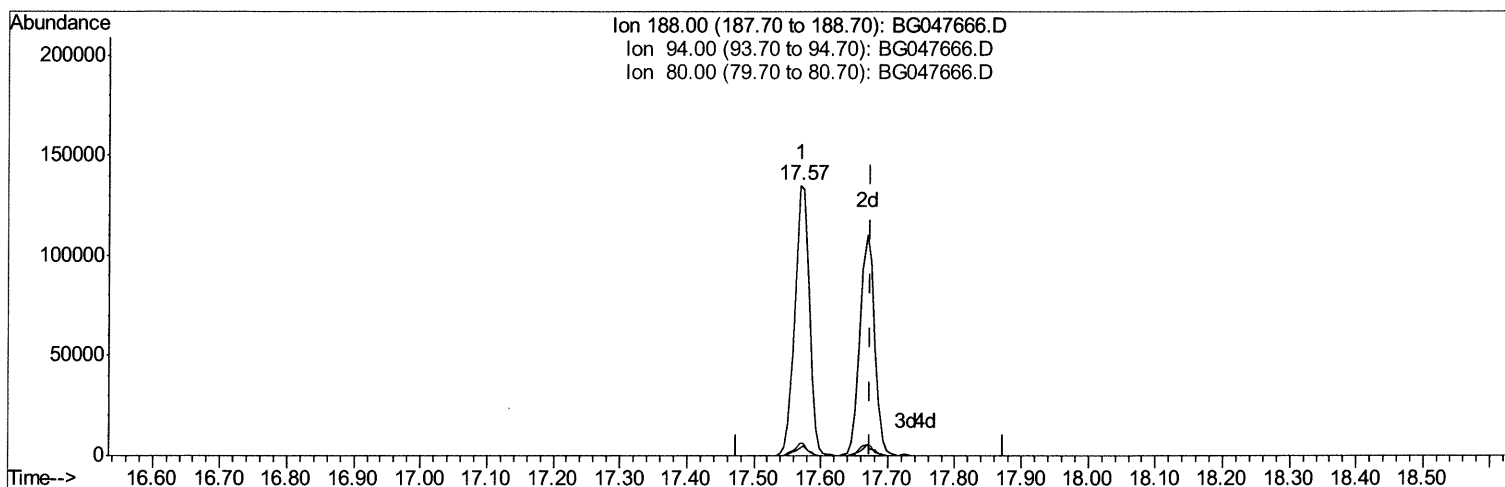
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:22:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



TIC: BG047666.D

(71) Anthracene-d10 (S)

17.569min (-0.105) 20.05ng/ul

response 203137

Ion	Exp%	Act%
188.00	100	100
94.00	3.50	2.94
80.00	4.90	4.41
0.00	0.00	0.00

Quantitation Report (Qedit)

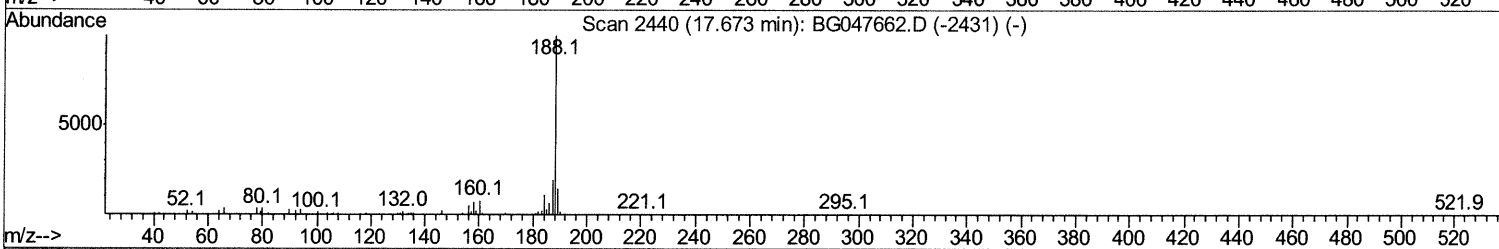
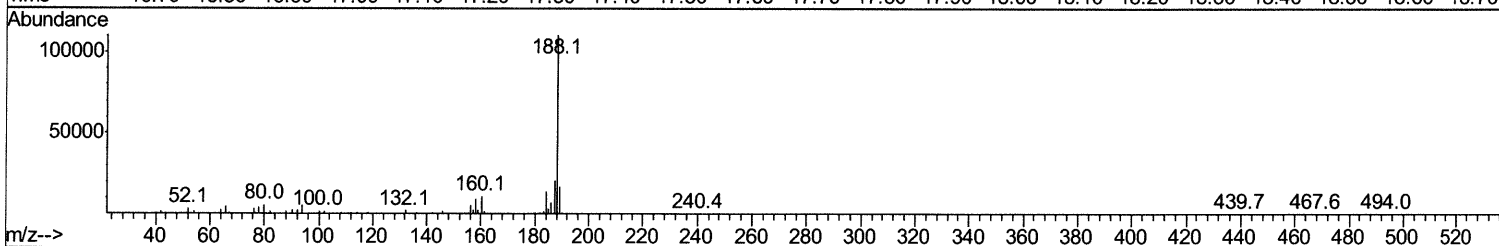
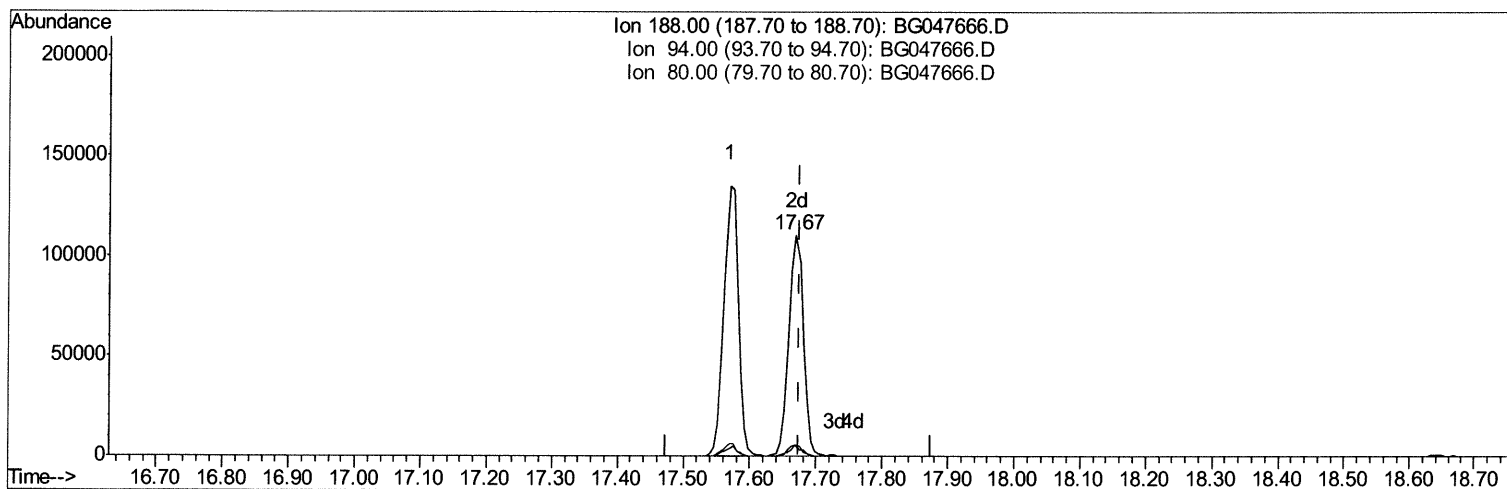
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:22:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



TIC: BG047666.D

(71) Anthracene-d10 (S)

17.669min (-0.006) 16.63ng/ul m 12/10/2024

response 168548

Ion	Exp%	Act%
188.00	100	100
94.00	3.50	4.91#
80.00	4.90	5.02
0.00	0.00	0.00

Quantitation Report (Qedit)

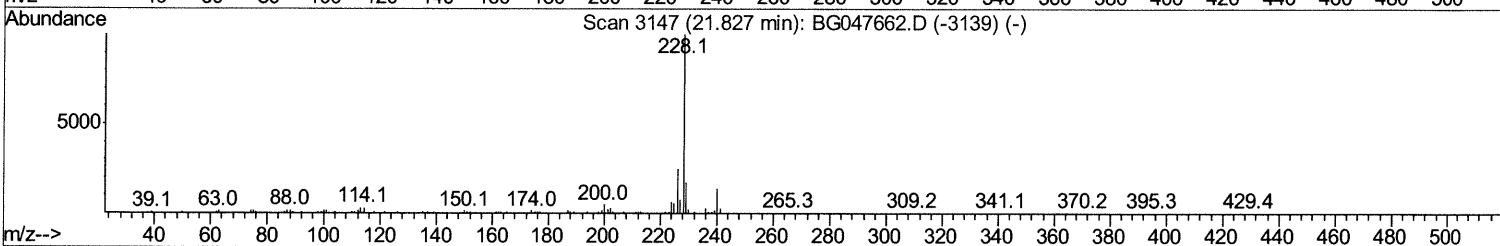
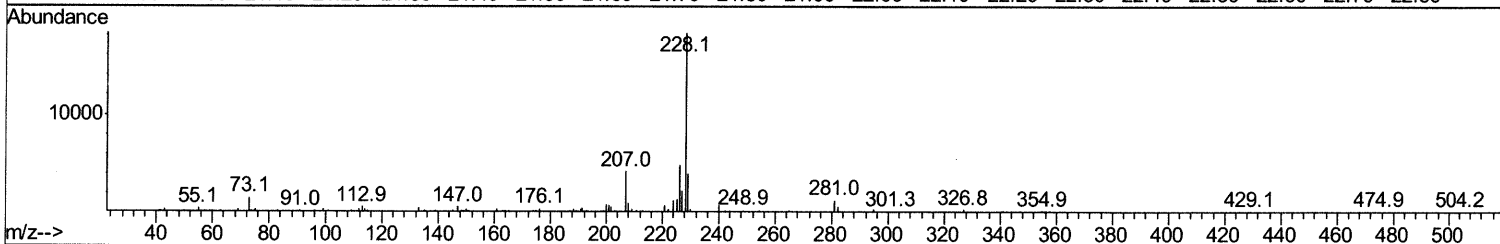
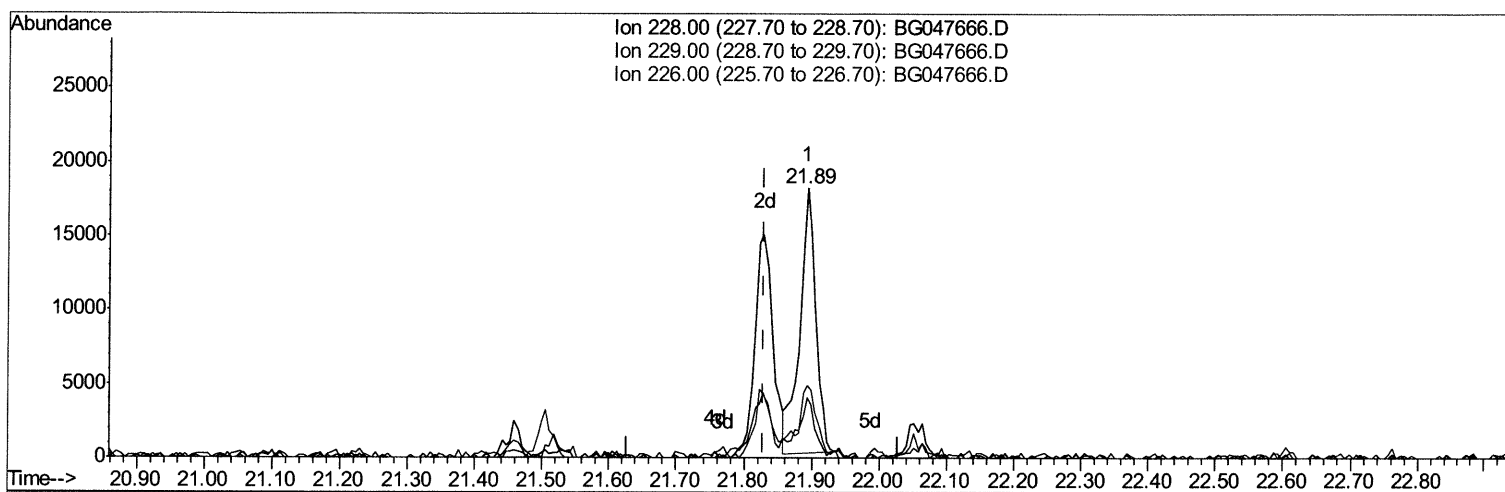
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B98

Manual Integrations
APPROVED

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12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:22:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



TIC: BG047666.D

(83) Benzo(a)anthracene

21.893min (+0.065) 1.98ng/ul

response 29537

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	22.19
226.00	28.00	26.76
0.00	0.00	0.00

Quantitation Report (Qedit)

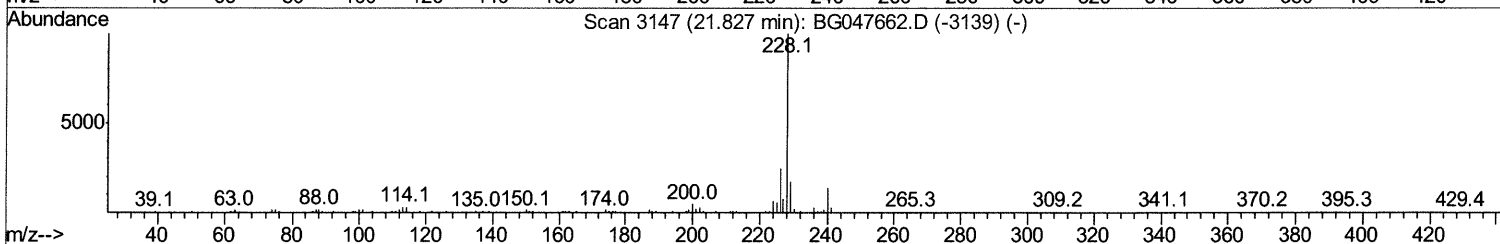
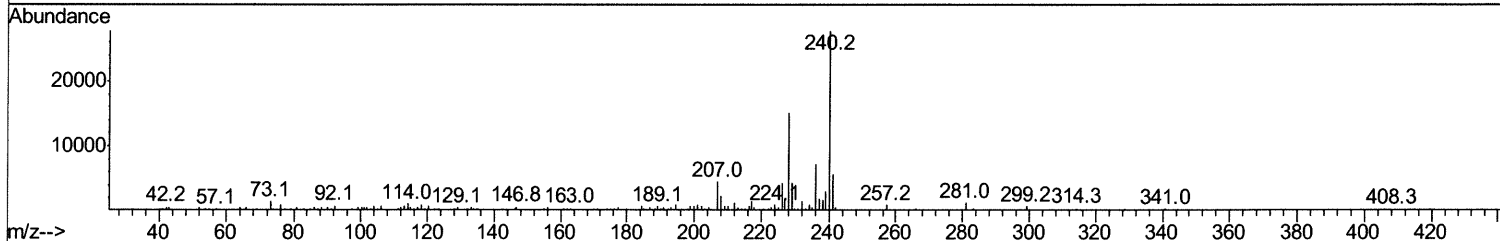
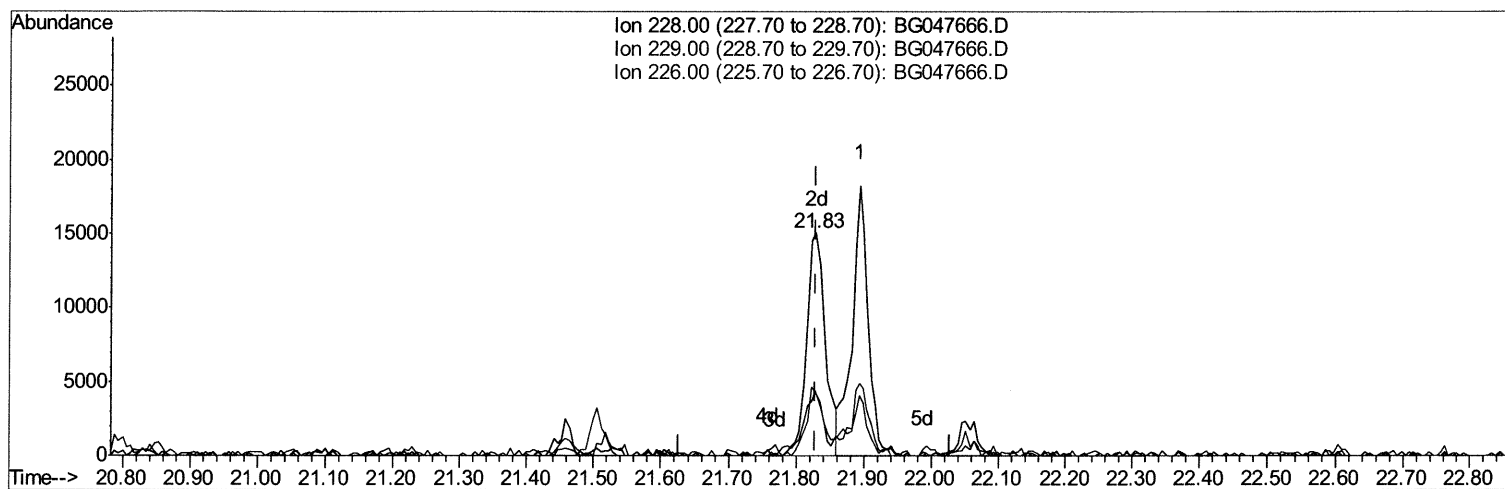
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B98

Manual Integrations
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12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:22:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



TIC: BG047666.D

(83) Benzo(a)anthracene

21.828min (+0.000) 1.92ng/ul m 12/10/20 JU

response 28762

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	29.10#
226.00	28.00	28.58
0.00	0.00	0.00

Quantitation Report (Qedit)

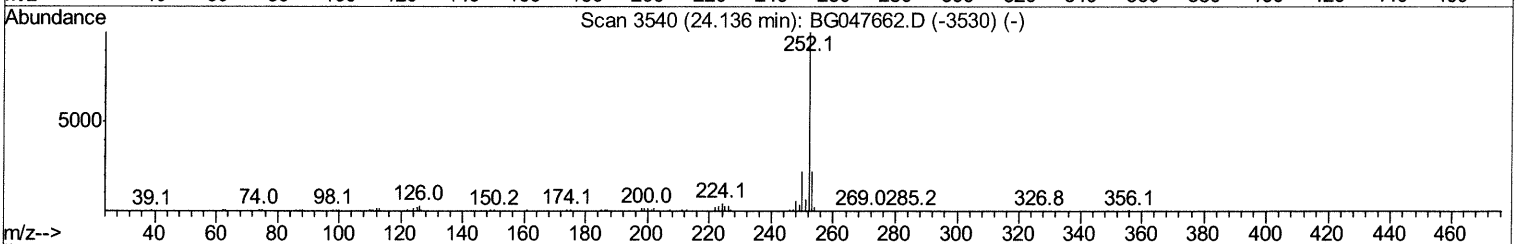
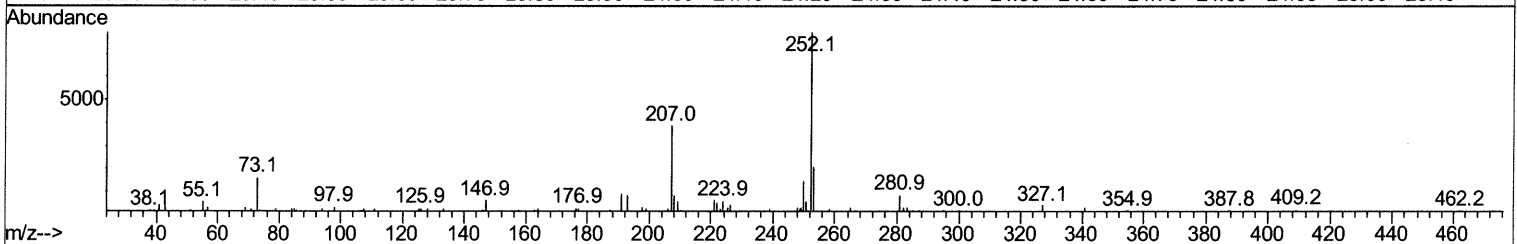
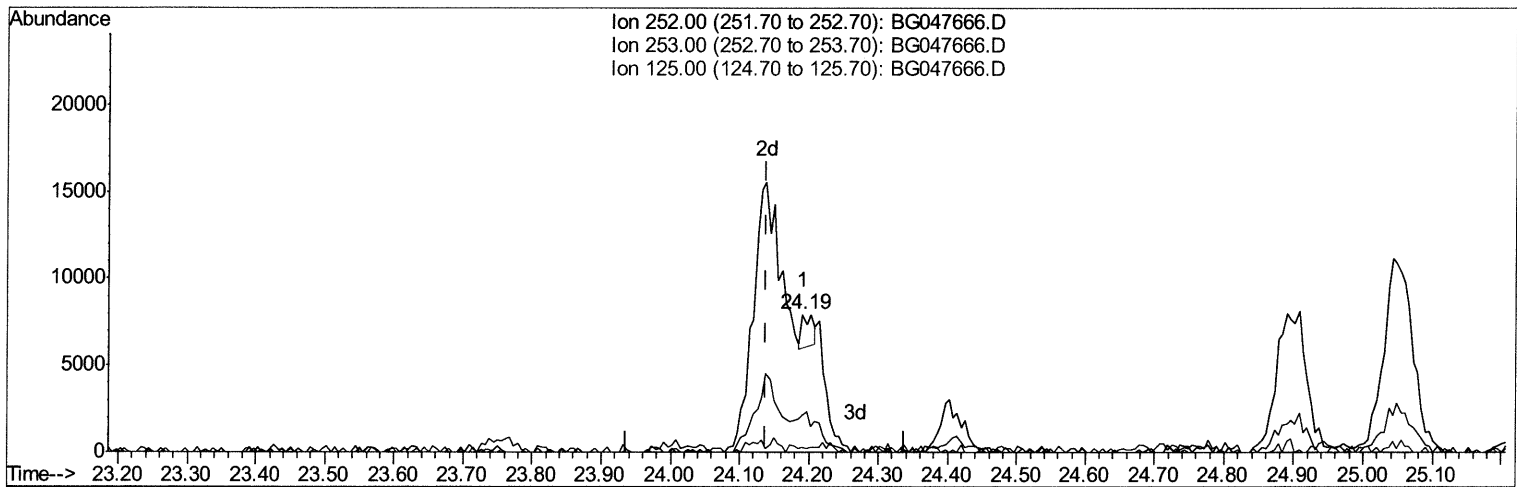
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B98

Manual Integrations
APPROVED

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12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:22:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



TIC: BG047666.D

(88) Benzo(b)fluoranthene

24.190min (+0.053) 0.14ng/ui

response 2183

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	26.42
125.00	3.20	3.15
0.00	0.00	0.00

Quantitation Report (Qedit)

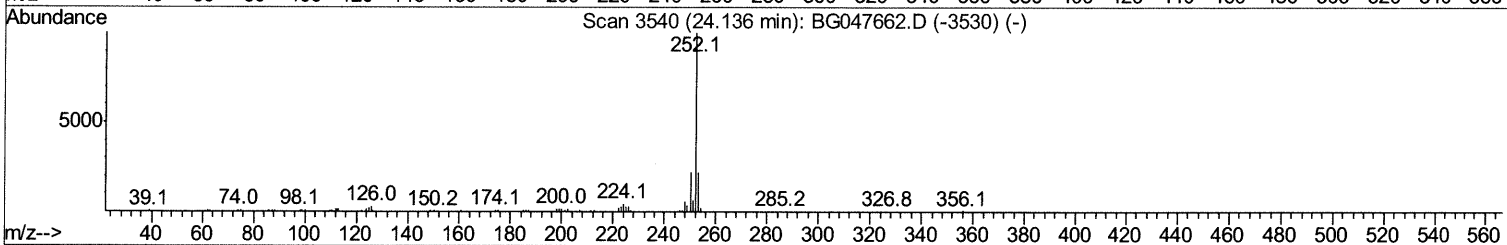
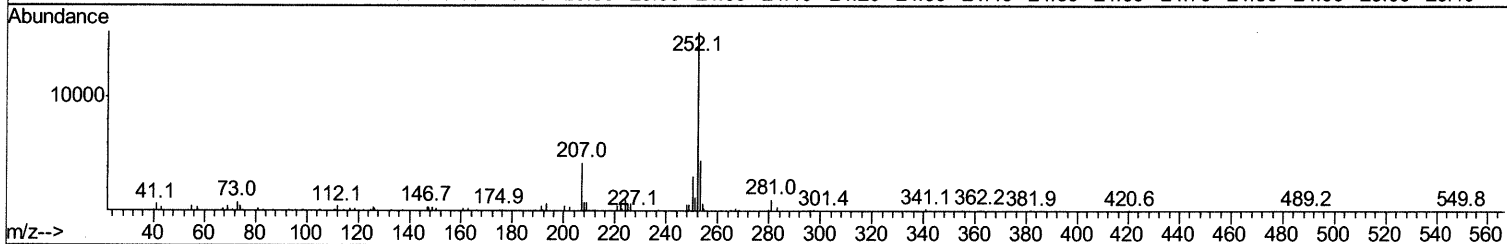
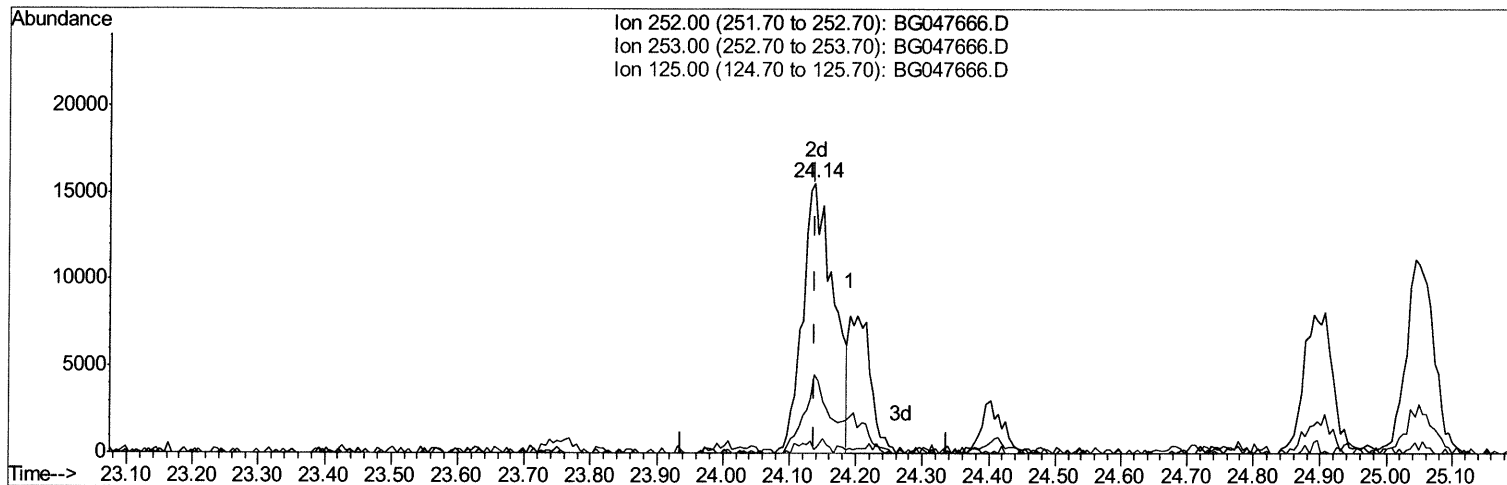
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047666.D
 Acq On : 9 Dec 2020 3:38
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B98

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:54:21 2020
 Response via : Initial Calibration



TIC: BG047666.D

(88) Benzo(b)fluoranthene

24.138min (+0.000) 3.32ng/ul m 12/10/2024

response 50271

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	29.11#
125.00	3.20	1.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

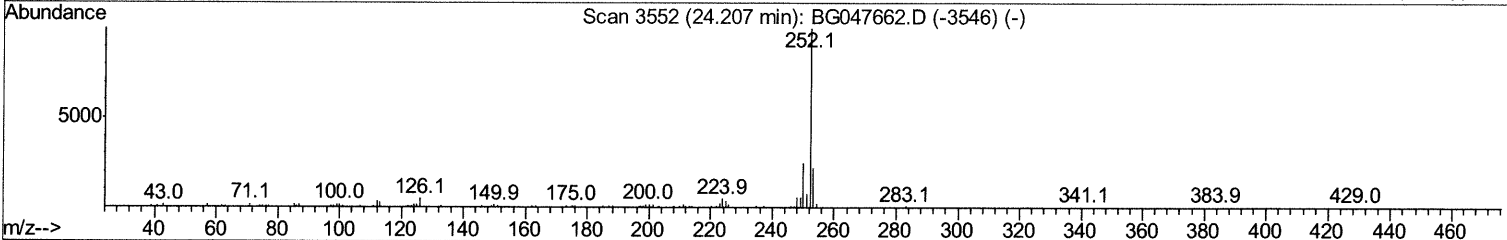
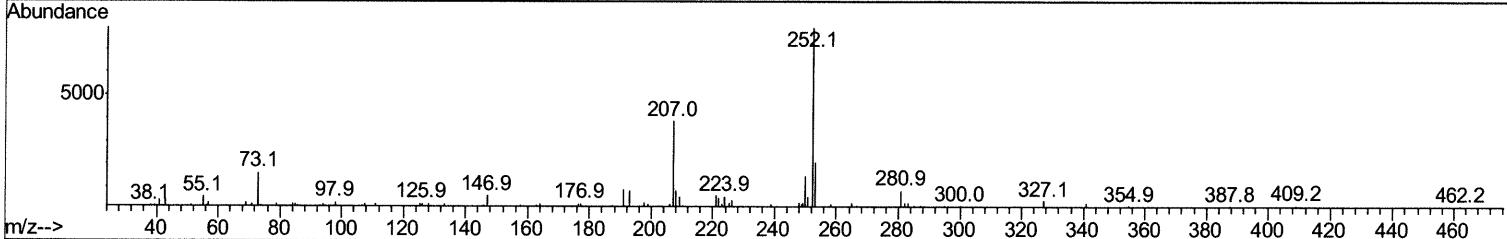
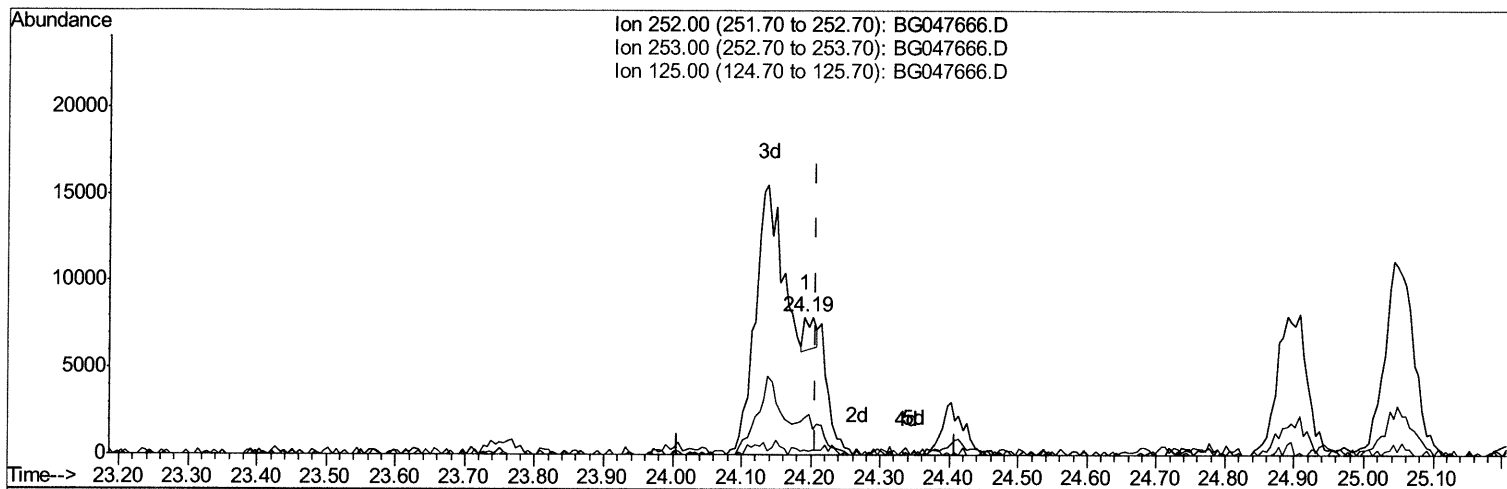
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047666.D
 Acq On : 9 Dec 2020 3:38
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B98

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:26:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:54:21 2020
 Response via : Initial Calibration



TIC: BG047666.D

(89) Benzo(k)fluoranthene
 24.190min (-0.017) 0.15ng/ul
 response 2183

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	26.42#
125.00	2.80	3.15
0.00	0.00	0.00

Quantitation Report (Qedit)

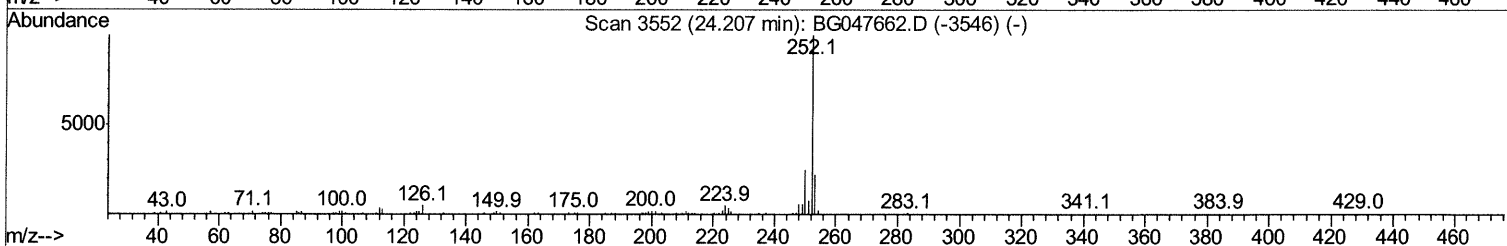
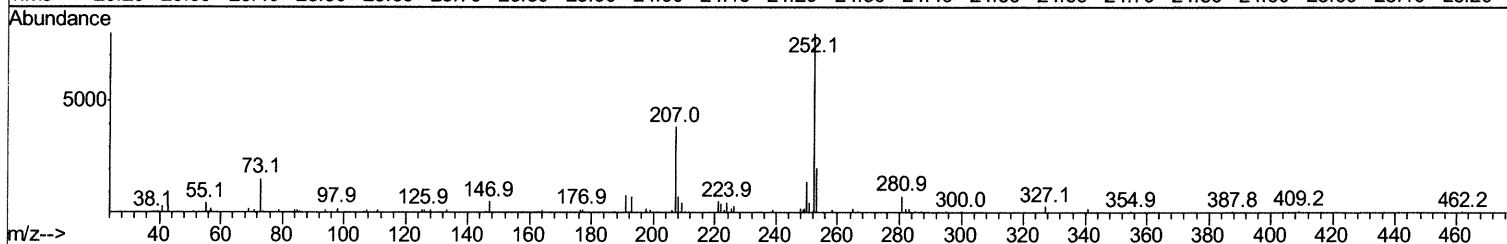
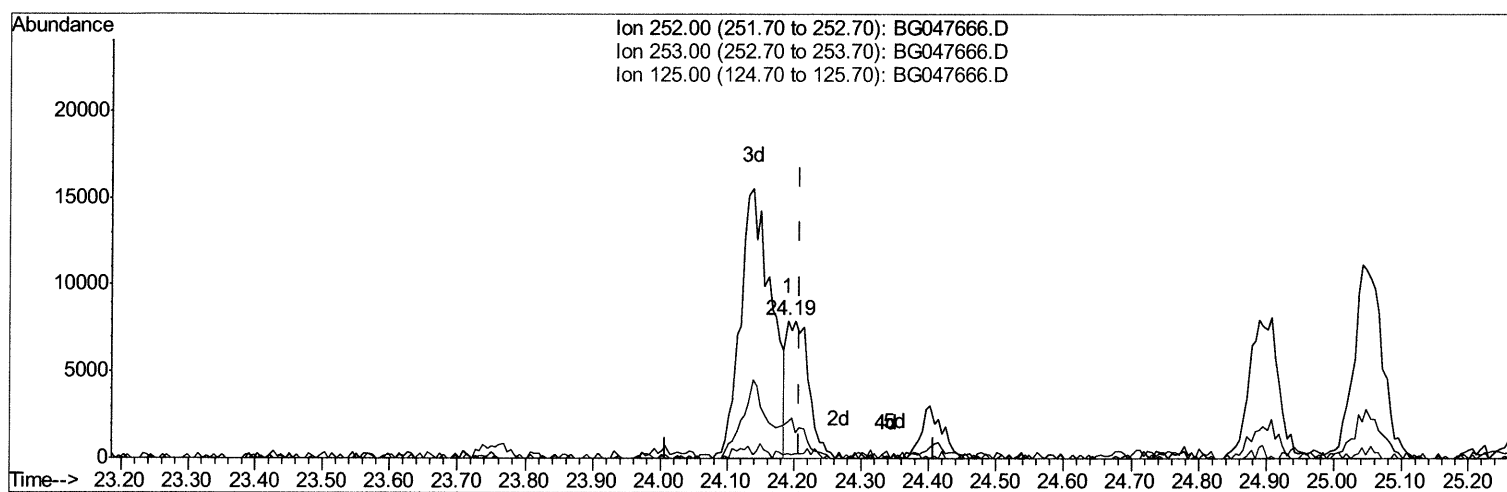
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:26:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



TIC: BG047666.D

(89) Benzo(k)fluoranthene

24.190min (-0.017) 1.18ng/ul m 12/10/2020

response 17786

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	26.42#
125.00	2.80	3.15
0.00	0.00	0.00

Quantitation Report (Qedit)

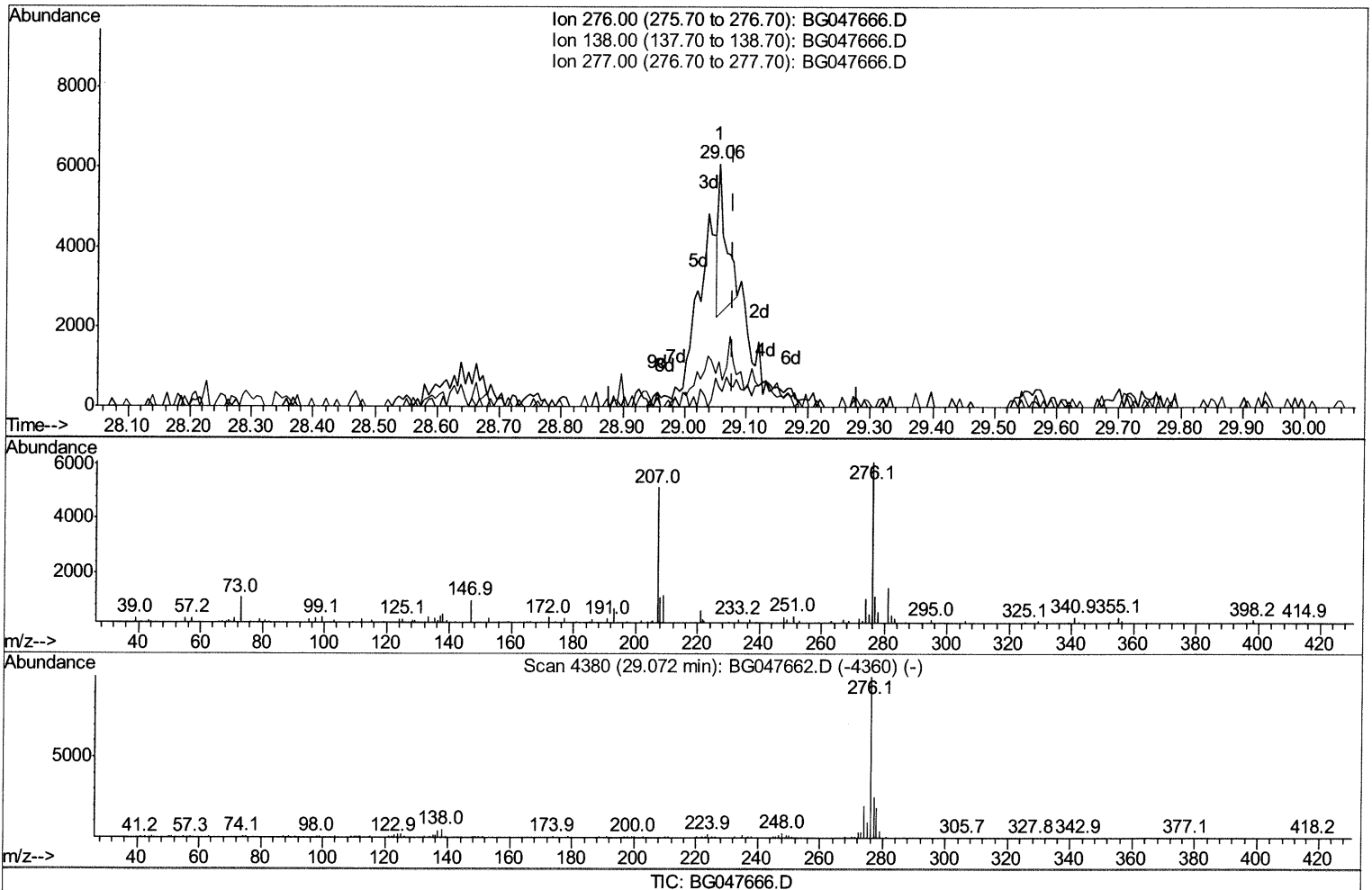
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:26:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



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

29.055min (-0.023) 0.20ng/ul

response 3324

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	7.99#
277.00	23.20	18.67
0.00	0.00	0.00

Quantitation Report (Qedit)

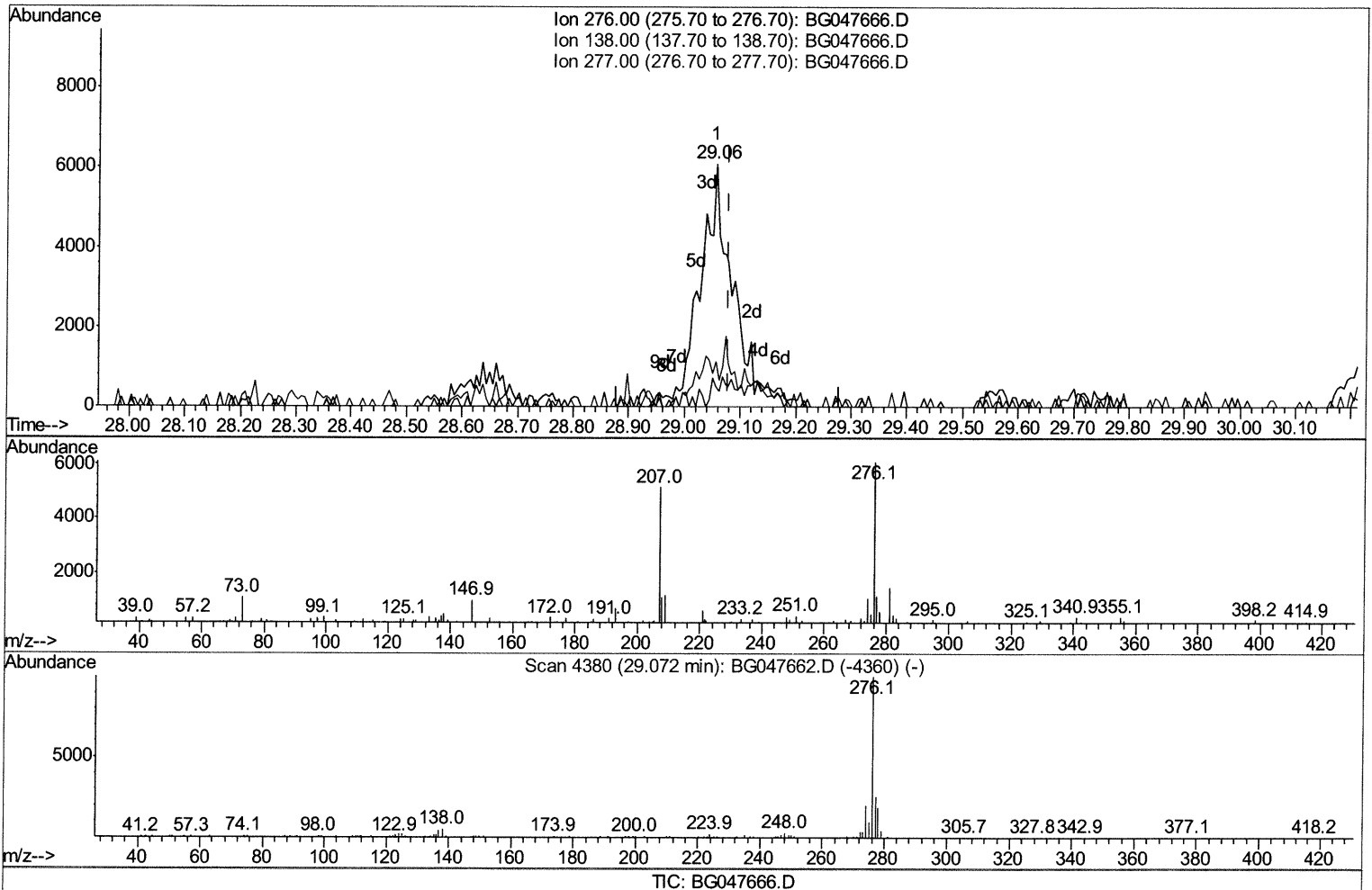
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:26:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



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

29.055min (-0.023) 1.53ng/ul m 12/10/2024

response 25491

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	7.99#
277.00	23.20	18.67
0.00	0.00	0.00

Quantitation Report (Qedit)

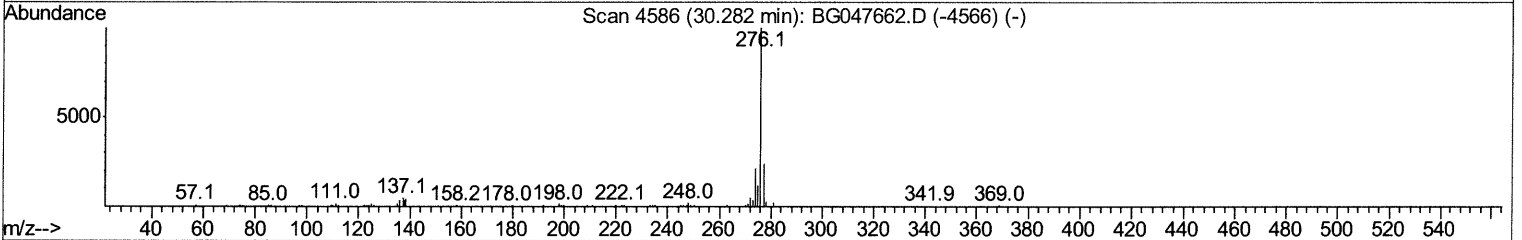
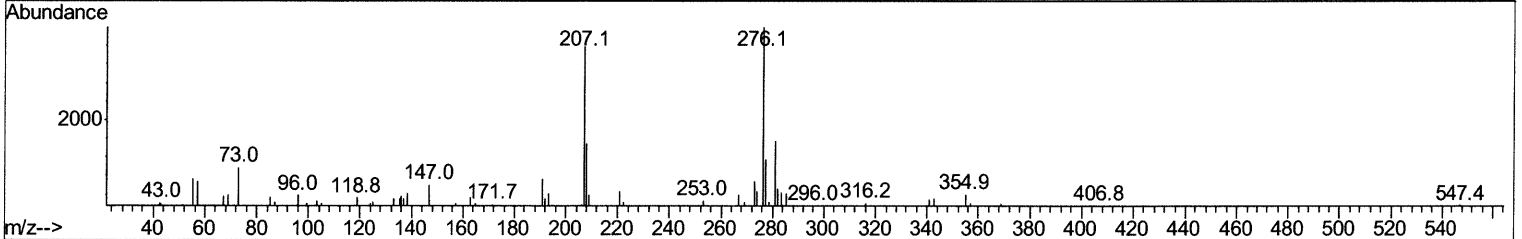
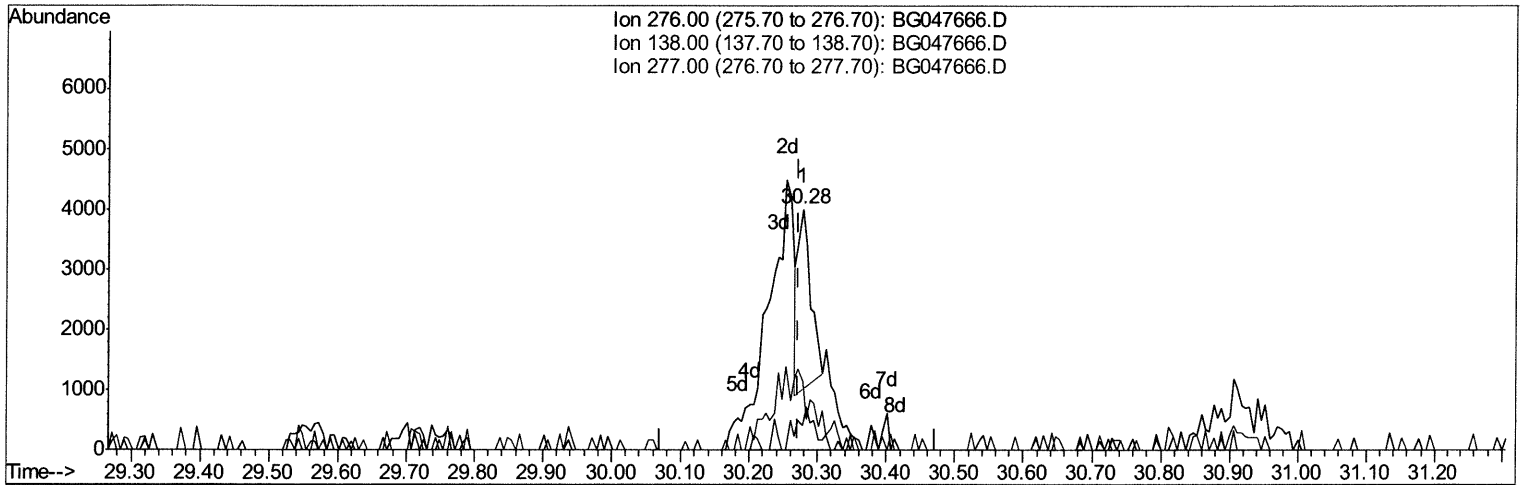
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047666.D
 Acq On : 9 Dec 2020 3:38
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:26:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:54:21 2020
 Response via : Initial Calibration



TIC: BG047666.D

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

30.277min (+0.006) 0.28ng/ul

response 3823

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	10.10#
277.00	27.40	28.68
0.00	0.00	0.00

Quantitation Report (Qedit)

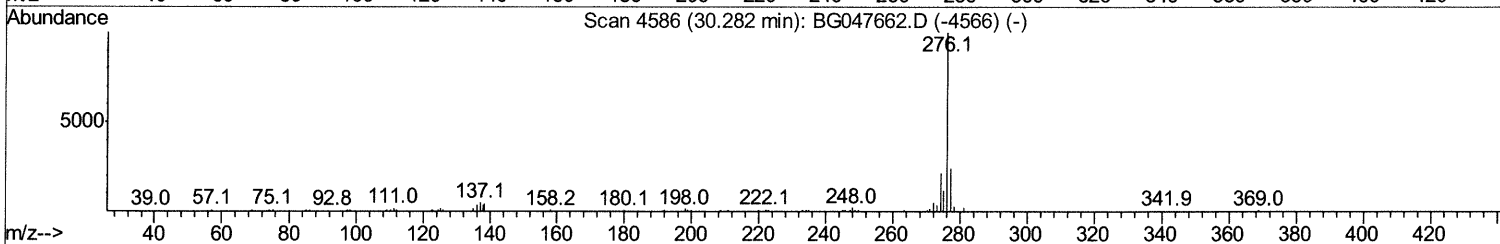
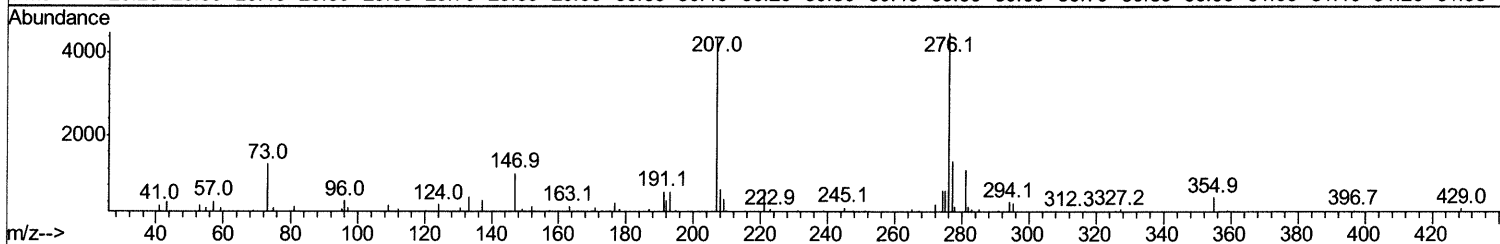
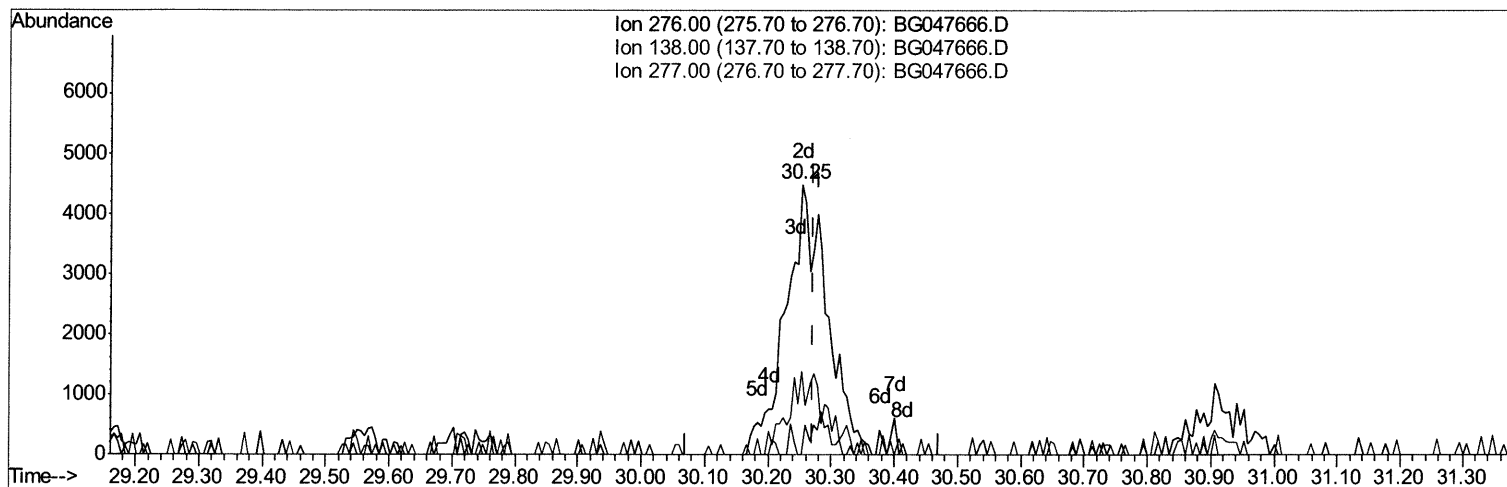
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:26:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration



TIC: BG047666.D

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

30.254min (-0.017) 1.47ng/ul m 12/10/2020

response 20177

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	0.00#
277.00	27.40	30.75
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047666.D
 Acq On : 9 Dec 2020 3:38
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B98

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:28:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 03:54:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27258	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	101138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	79111	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	203137	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	209319	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	217071	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1468	2.87	ng/uL	-0.01
5) Phenol-d5	7.35	99	32839	14.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	18737	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	25107	14.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	24993	13.50	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	13270	16.09	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	15299	15.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	31286	14.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	29310	14.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	104323	15.18	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	129298	16.48	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	13663m	13.41	ng/ul	0.00 12/10/2024
58) Fluorene-d10	15.82	176	99342	15.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	18594	13.52	ng/ul	0.00
71) Anthracene-d10	17.67	188	168548m	16.63	ng/ul	0.00 12/10/2024
79) Pyrene-d10	19.94	212	206294	16.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	214758	16.94	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.38	94	4509	2.046	ng/ul#	82
45) Dimethylphthalate	14.27	163	27791	3.992	ng/ul#	96
77) Fluoranthene	19.61	202	50943	3.636	ng/ul#	97
80) Pyrene	19.97	202	46628	3.063	ng/ul#	96
83) Benzo(a)anthracene	21.83	228	28762m	1.923	ng/ul	96 12/10/2024
85) Chrysene	21.89	228	29537	2.093	ng/ul	96
88) Benzo(b)fluoranthene	24.14	252	50271m	3.318	ng/ul	12/10/2024
89) Benzo(k)fluoranthene	24.19	252	17786m	1.184	ng/ul	
91) Benzo(a)pyrene	25.04	252	32805	2.401	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.06	276	25491m	1.530	ng/ul	12/10/2024
94) Benzo(a,h,i)perylene	30.25	276	20177m	1.475	ng/ul	

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