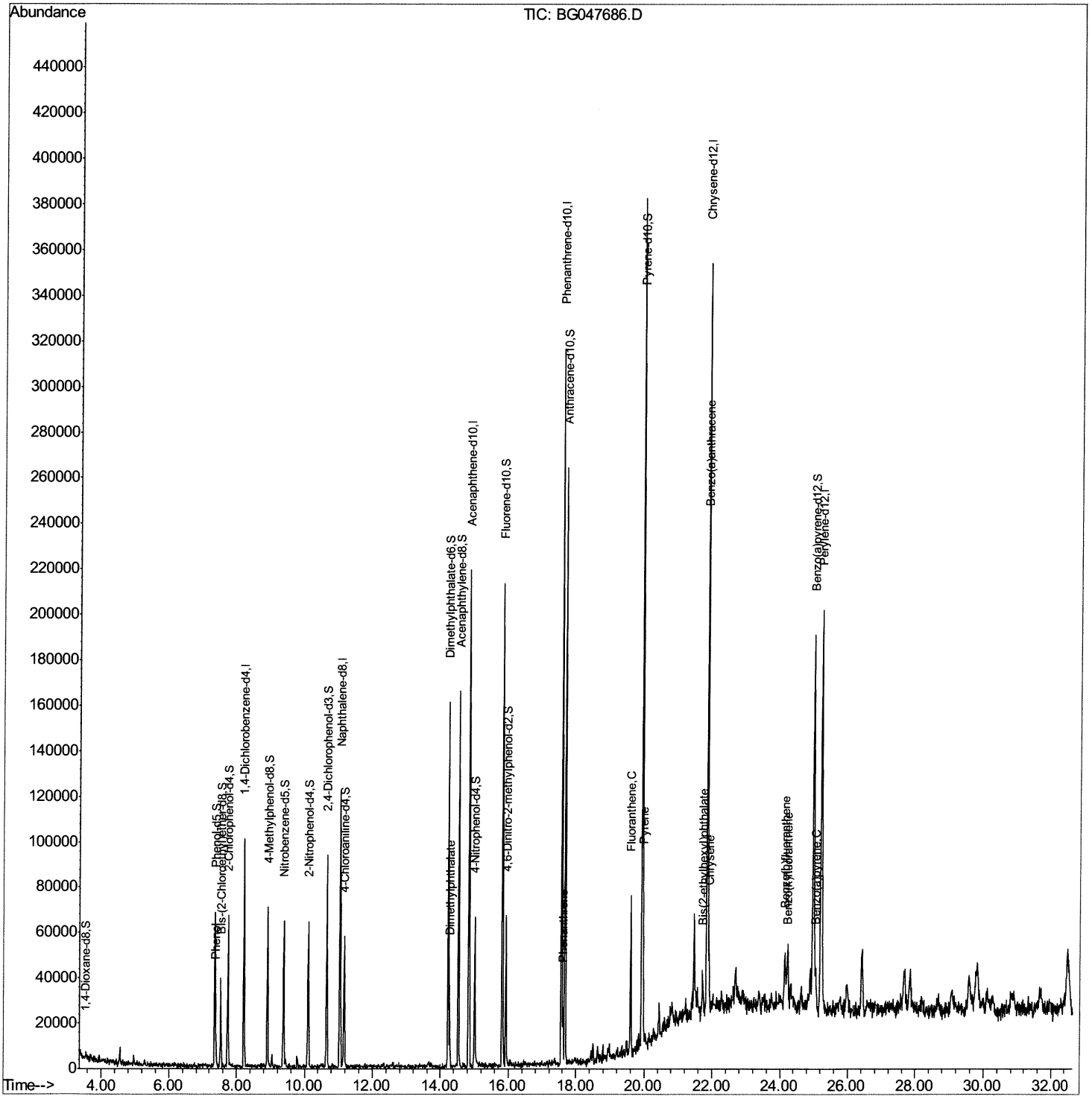
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 10 02:20:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM

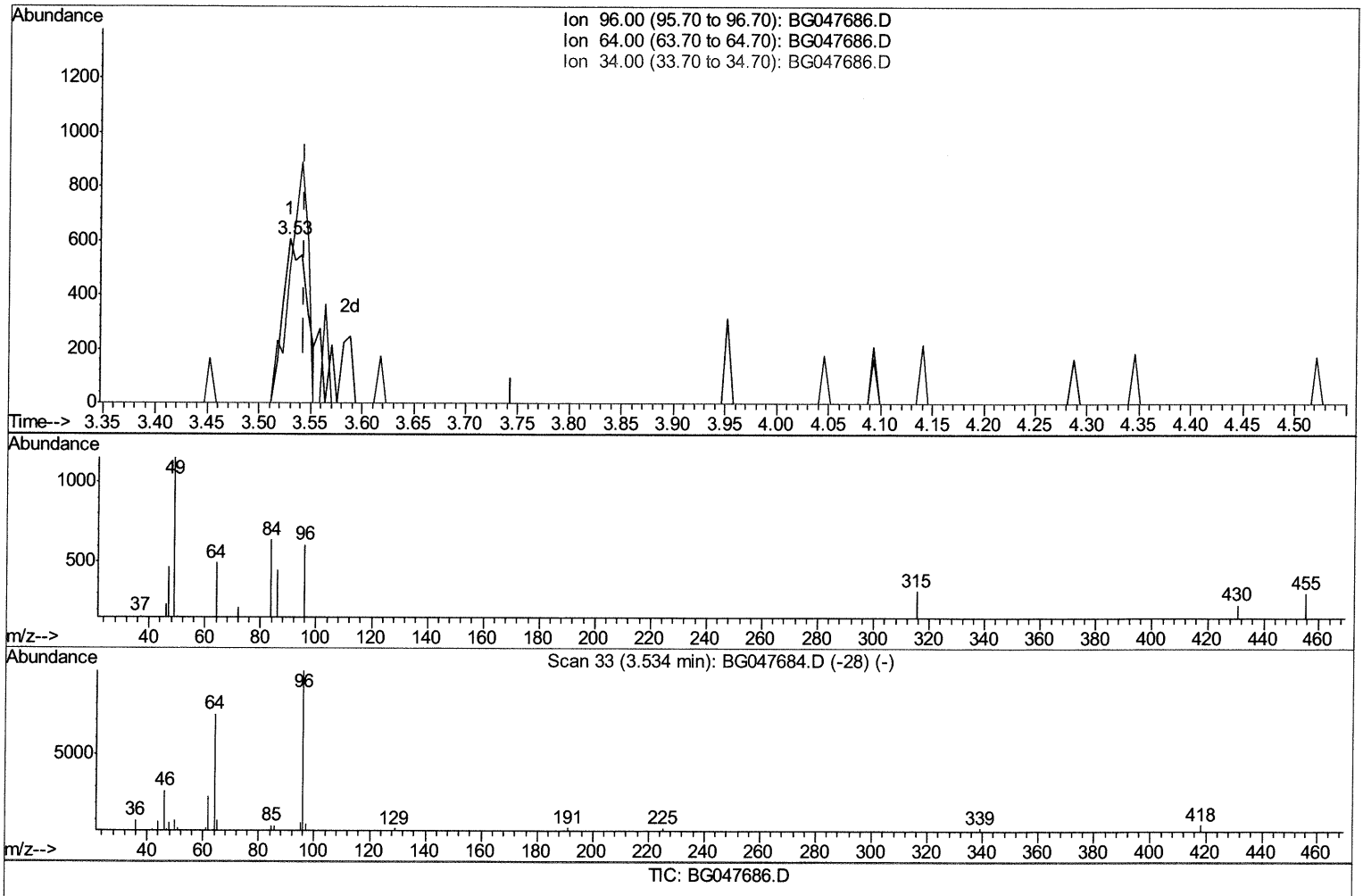


Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 10 00:46:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM



TIC: BG047686.D

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

3.529min (-0.015) 2.15ng/uL

response 967

Ion	Exp%	Act%
96.00	100	100
64.00	84.30	81.32
34.00	0.00	0.00
0.00	0.00	0.00

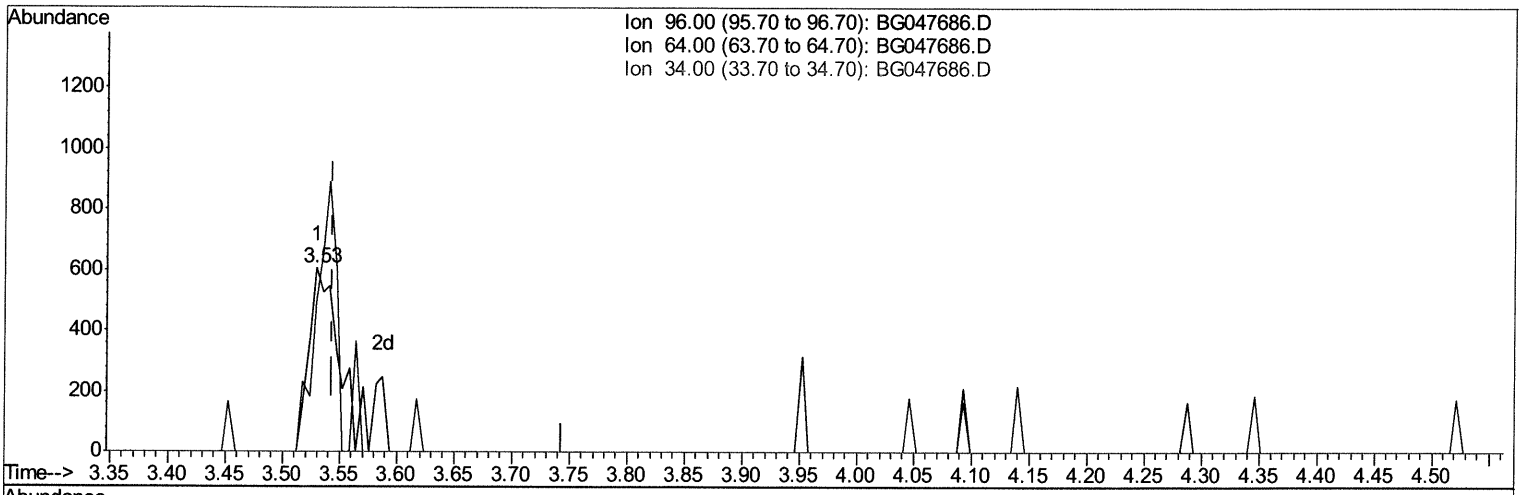
Quantitation Report (Qedit)

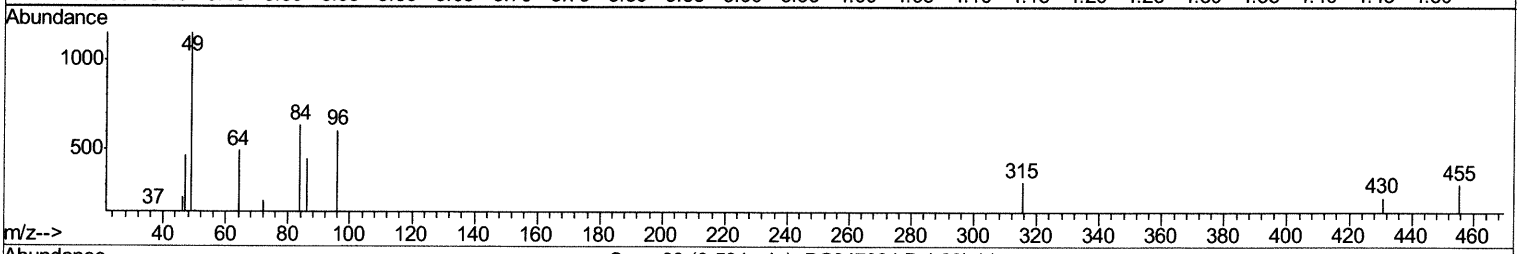
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

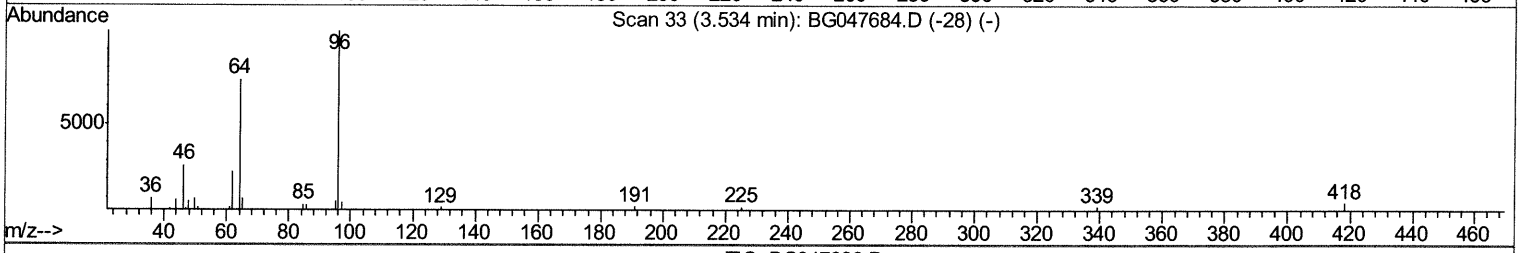
Quant Time: Dec 10 00:46:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM







TIC: BG047686.D

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

3.529min (-0.015) 2.37ng/uL m 12/11/20 JU

response 1064

Ion	Exp%	Act%
96.00	100	100
64.00	84.30	81.32
34.00	0.00	0.00
0.00	0.00	0.00

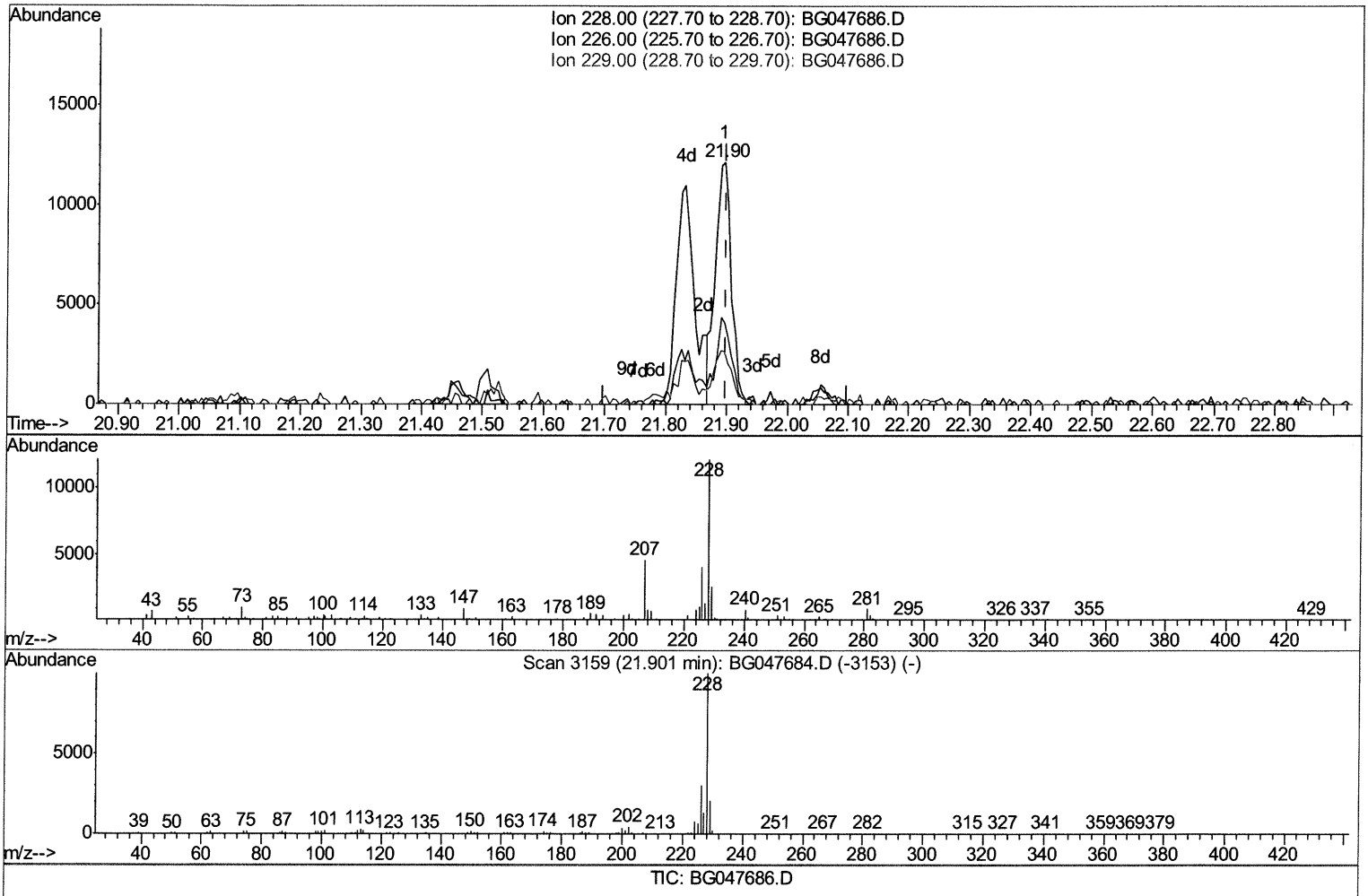
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 10 02:15:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM



TIC: BG047686.D

(85) Chrysene

21.896min (-0.003) 1.67ng/ul

response 22027

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	33.64
229.00	19.80	21.83
0.00	0.00	0.00

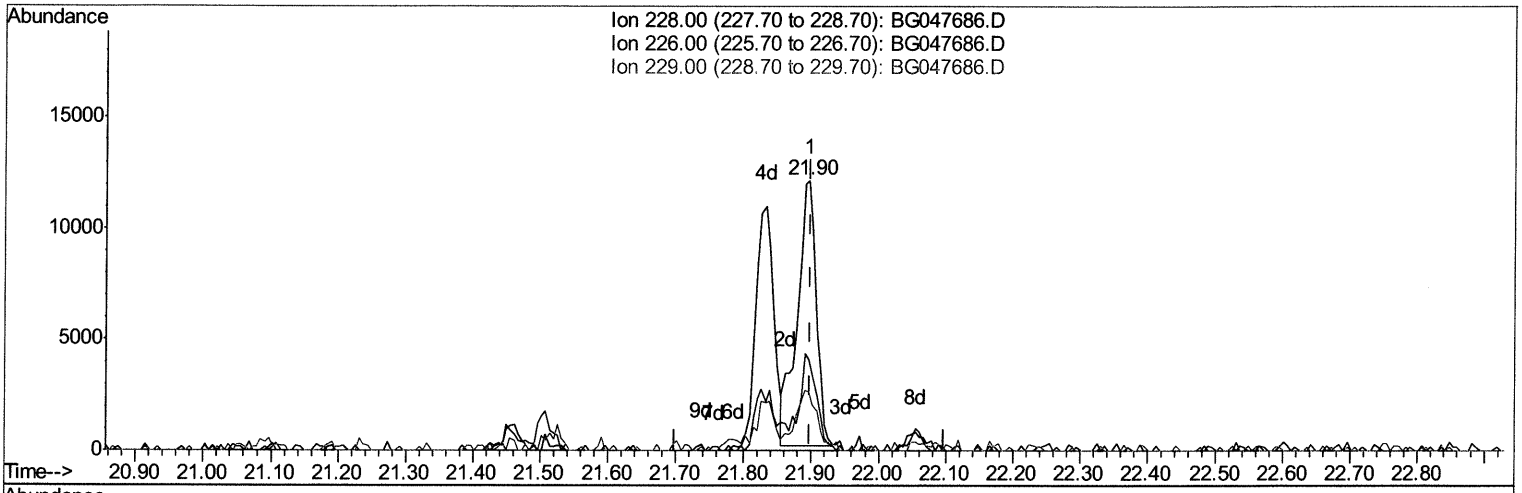
Quantitation Report (Qedit)

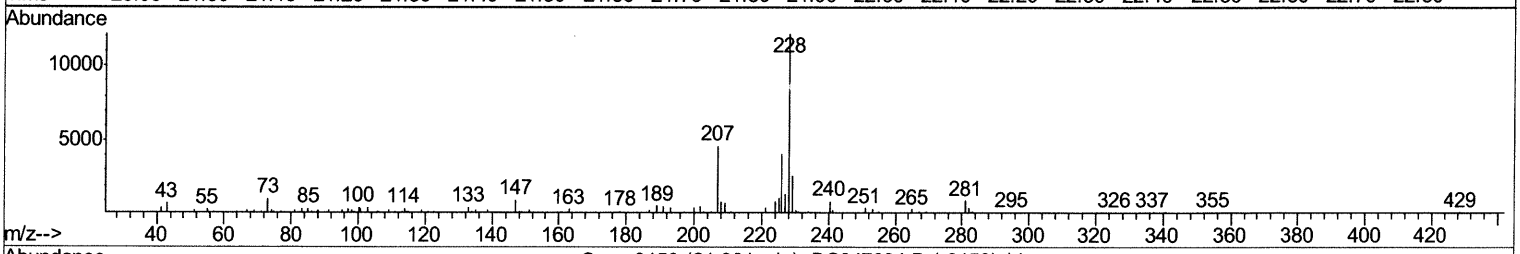
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

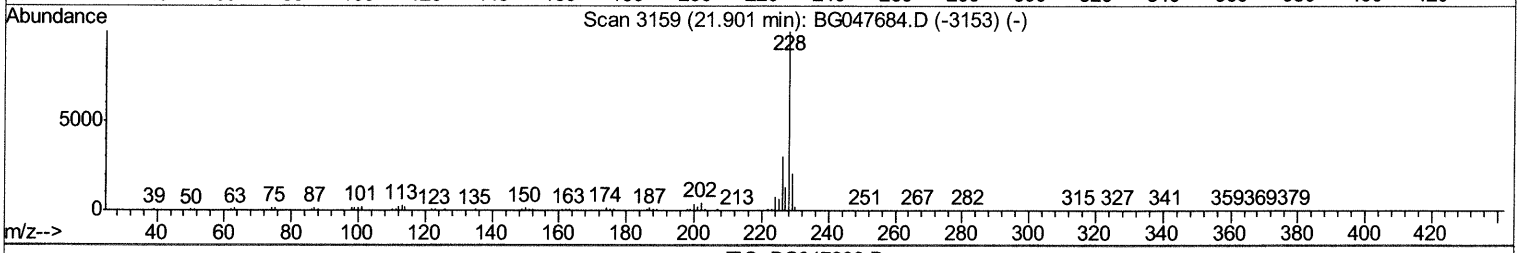
Quant Time: Dec 10 02:15:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM







TIC: BG047686.D

(85) Chrysene

21.896min (-0.003) 1.78ng/ul m 12/11/2020 JU

response 23513

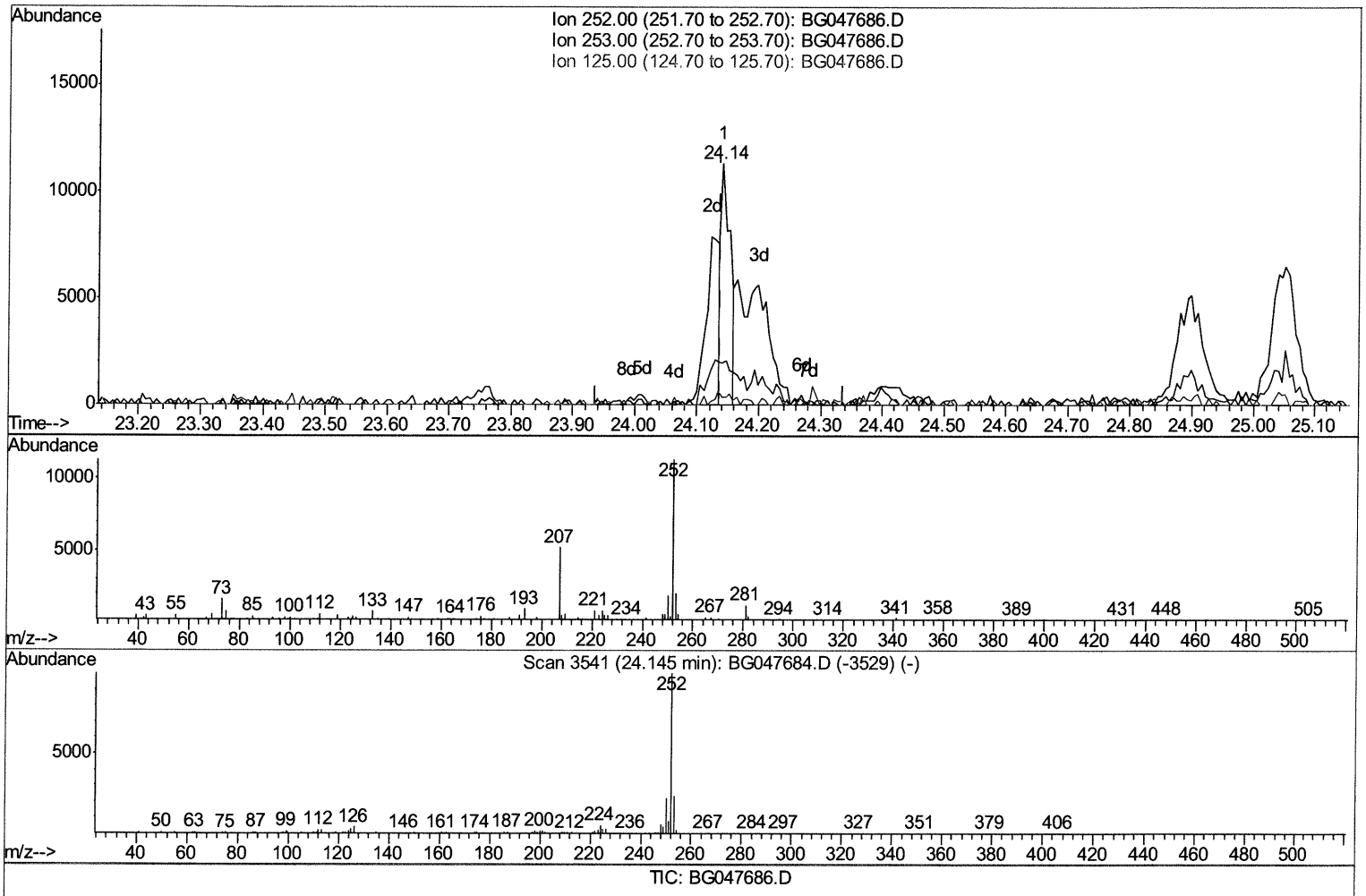
Ion	Exp%	Act%
228.00	100	100
226.00	28.70	33.64
229.00	19.80	21.83
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 10 02:15:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM



TIC: BG047686.D

(88) Benzo(b)fluoranthene

24.140min (+0.003) 0.85ng/ul

response 11670

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	17.33#
125.00	3.20	4.91#
0.00	0.00	0.00

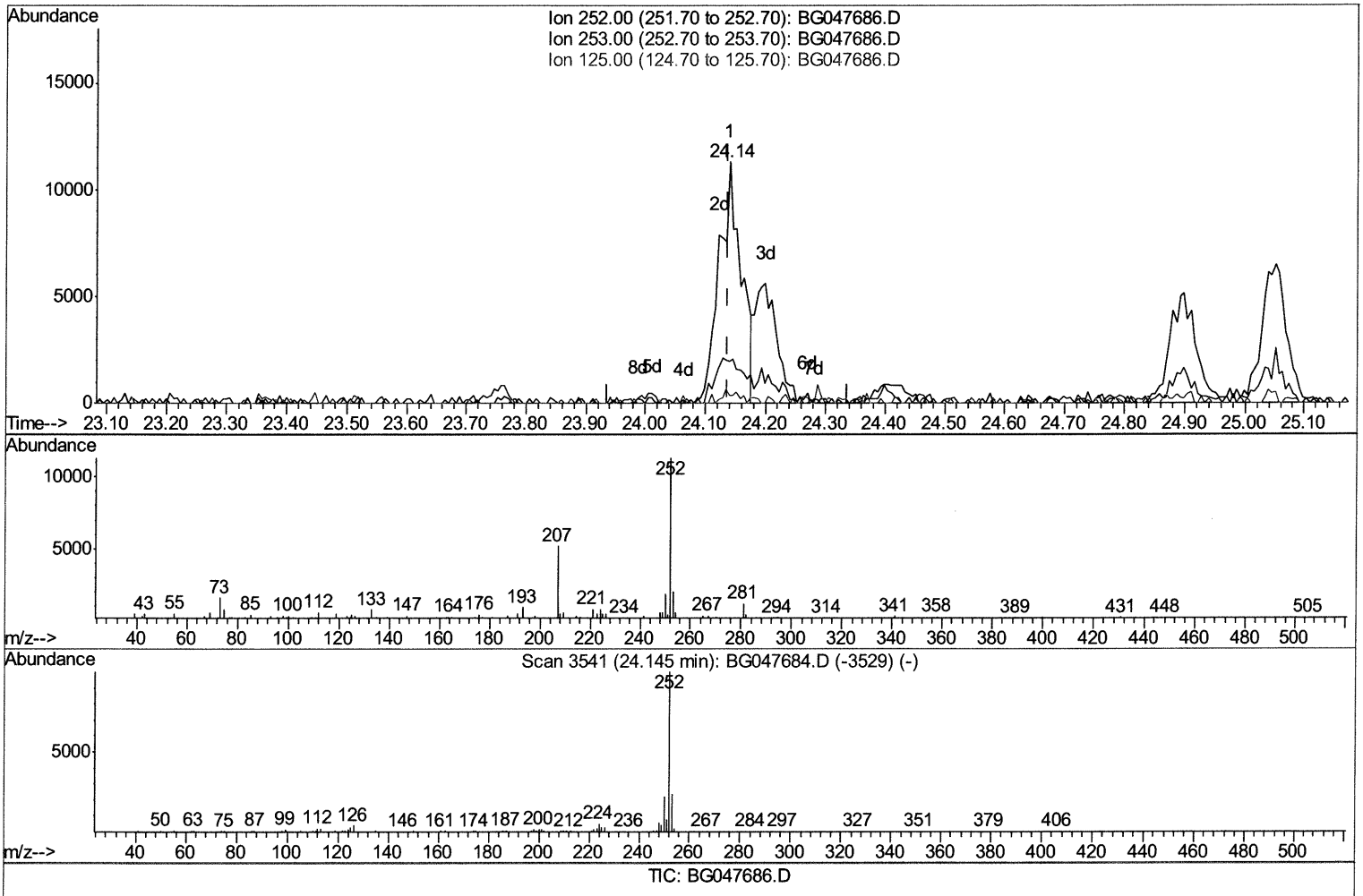
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 10 02:15:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM



TIC: BG047686.D

(88) Benzo(b)fluoranthene

24.140min (+0.003) 2.10ng/ul m 12/11/2020

response 28910

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	17.33#
125.00	3.20	3.33
0.00	0.00	0.00

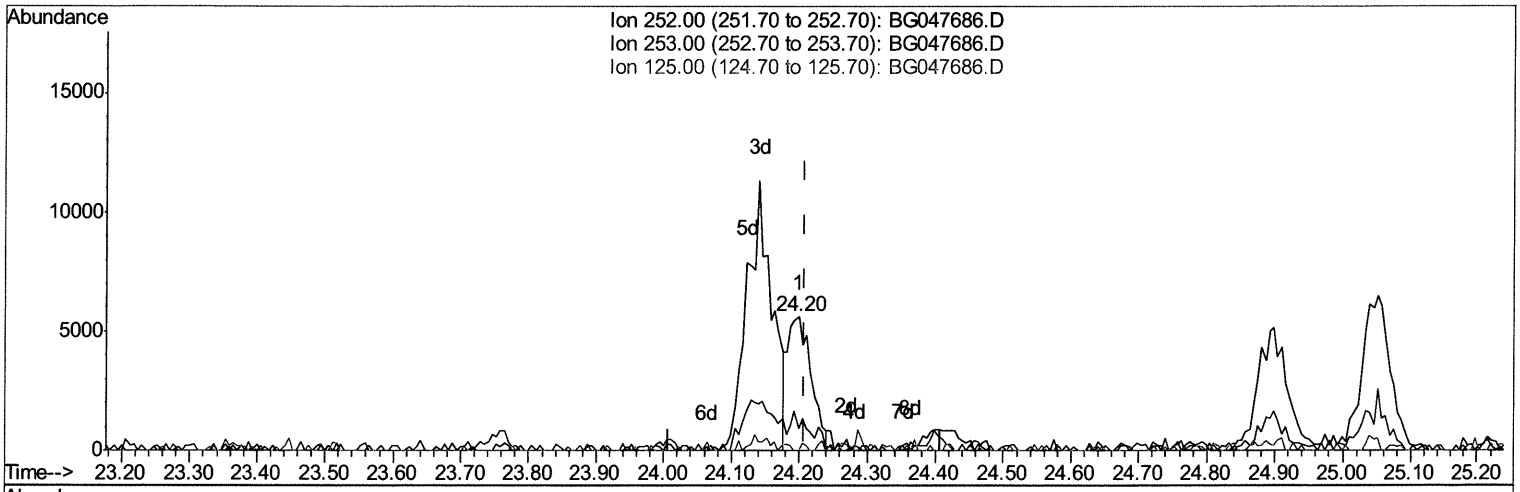
Quantitation Report (Qedit)

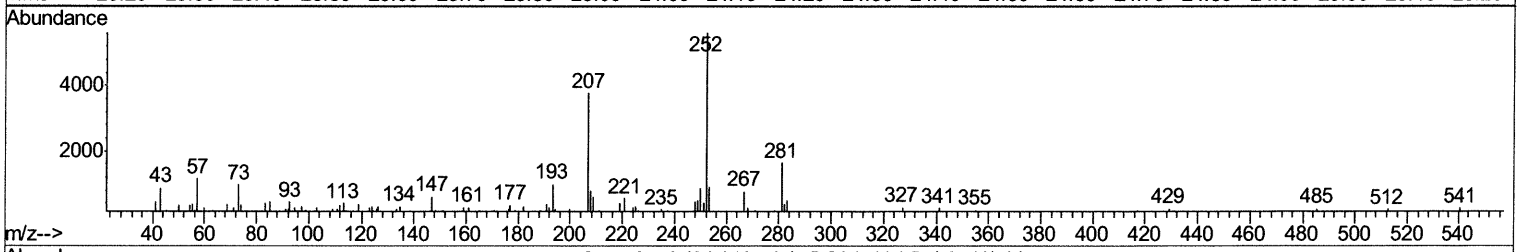
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

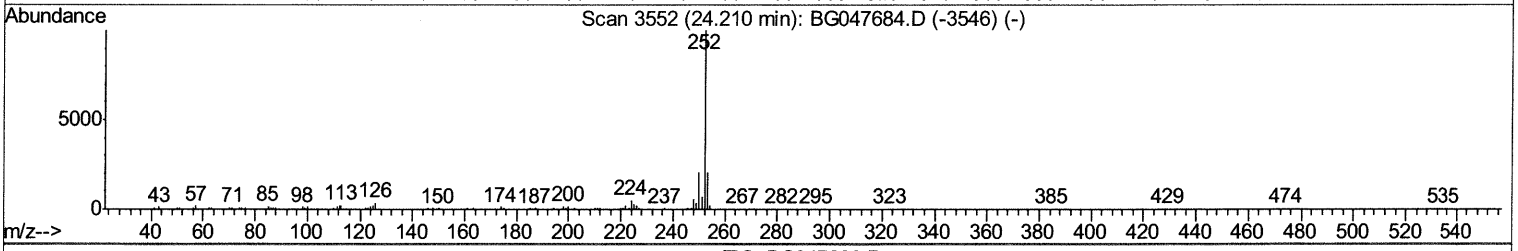
Quant Time: Dec 10 02:18:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM







TIC: BG047686.D

(89) Benzo(k)fluoranthene

24.199min (-0.009) 1.00ng/ul

response 13710

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	16.12#
125.00	2.80	0.00#
0.00	0.00	0.00

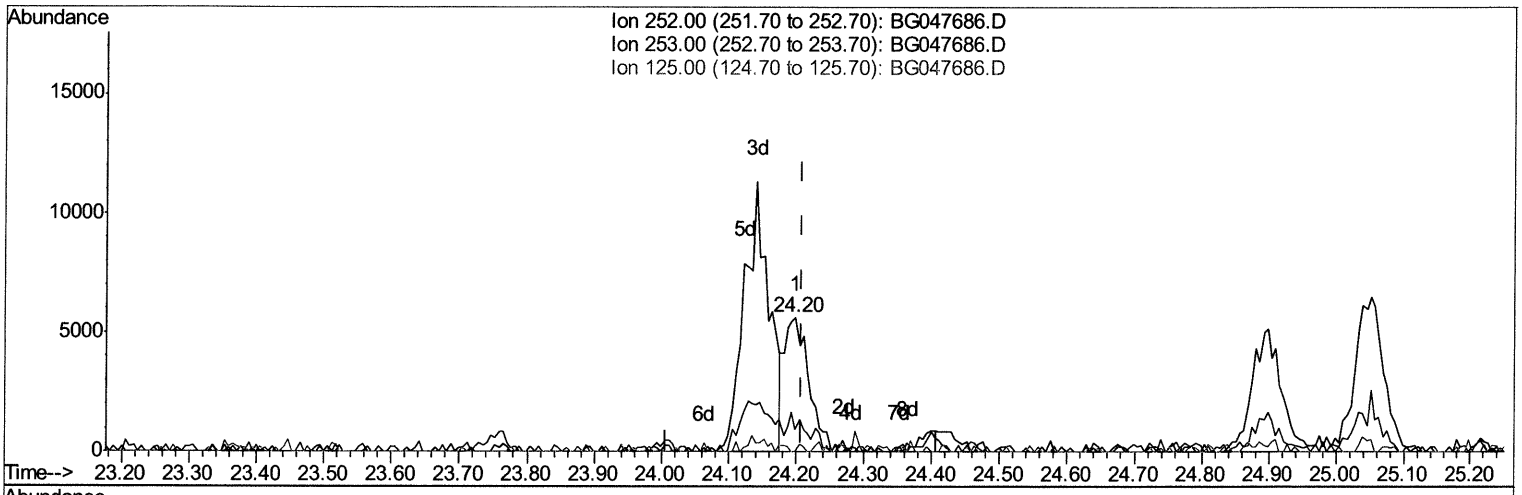
Quantitation Report (Qedit)

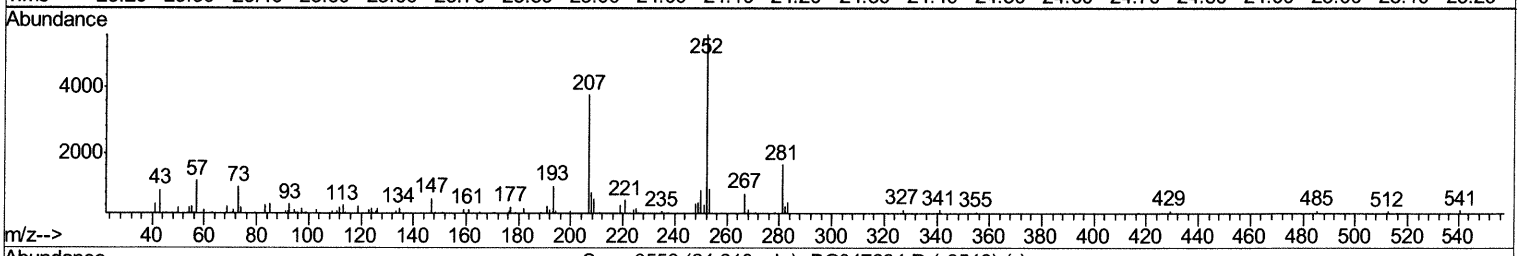
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

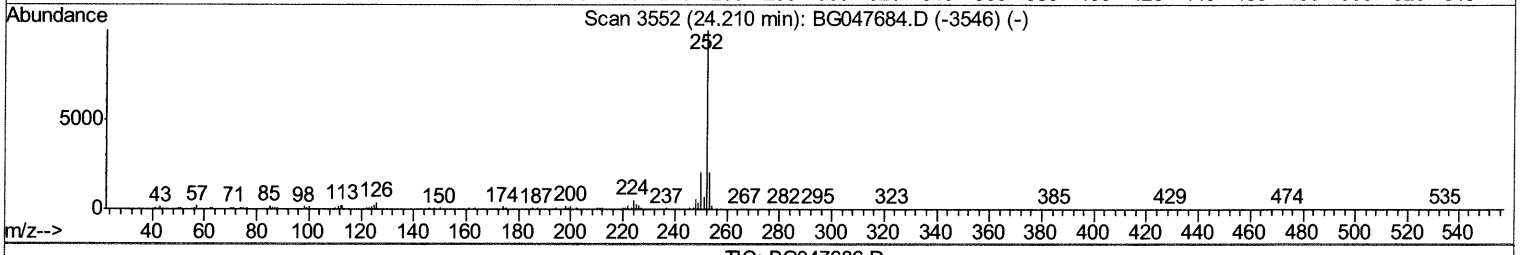
Quant Time: Dec 10 02:18:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM







TIC: BG047686.D

(89) Benzo(k)fluoranthene

24.199min (-0.009) 1.03ng/ul m 12/11/2020

response 14007

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	16.12#
125.00	2.80	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047686.D
Acq On : 10 Dec 2020 00:03
Operator : CG/JU
Sample : L4941-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BJ1

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:05 AM

Quant Time: Dec 10 02:20:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	23910	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	93311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	77201	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	197321	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	196131	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	197332	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1064m	2.37	ng/uL	-0.01
5) Phenol-d5	7.35	99	30151	14.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	18255	17.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	24007	15.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	22350	13.76	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	12194	16.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	14032	15.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	30200	15.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	24855	13.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	92912	13.86	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	117666	15.36	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	12125	12.19	ng/ul	0.00
58) Fluorene-d10	15.82	176	86074	13.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	13929	10.43	ng/ul	0.00
71) Anthracene-d10	17.67	188	150009	15.24	ng/ul	0.00
79) Pyrene-d10	19.94	212	193825	16.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	192483	16.70	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.38	94	6308	3.263	ng/ul#	85
45) Dimethylphthalate	14.28	163	23328	3.434	ng/ul	98
70) Phenanthrene	17.61	178	15226	1.424	ng/ul	94
77) Fluoranthene	19.60	202	46238	3.398	ng/ul#	98
80) Pyrene	19.97	202	35215	2.469	ng/ul	98
83) Benzo(a)anthracene	21.83	228	20738	1.480	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.71	149	7651	1.149	ng/ul#	88
85) Chrysene	21.90	228	23513m	1.778	ng/ul	
88) Benzo(b)fluoranthene	24.14	252	28910m	2.099	ng/ul	
89) Benzo(k)fluoranthene	24.20	252	14007m	1.026	ng/ul	
91) Benzo(a)pyrene	25.05	252	18629	1.500	ng/ul#	64

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