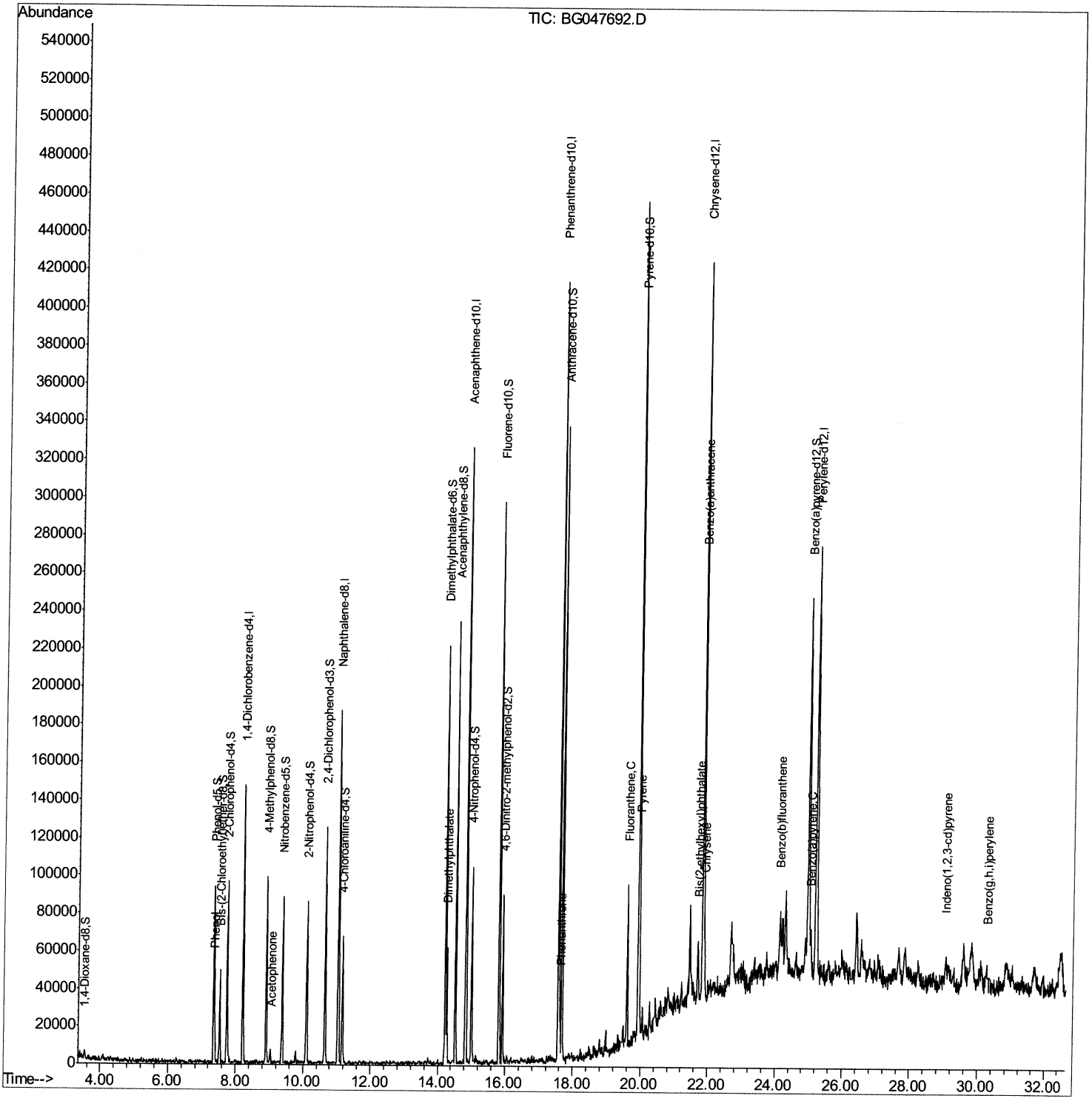
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047692.D
Acq On : 10 Dec 2020 4:06
Operator : CG/JU
Sample : L4941-18
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Dec 10 04:51:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0B50

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:36 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047692.D
Acq On : 10 Dec 2020 4:06
Operator : CG/JU
Sample : L4941-18
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Dec 10 04:47:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
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ClientSampleId :
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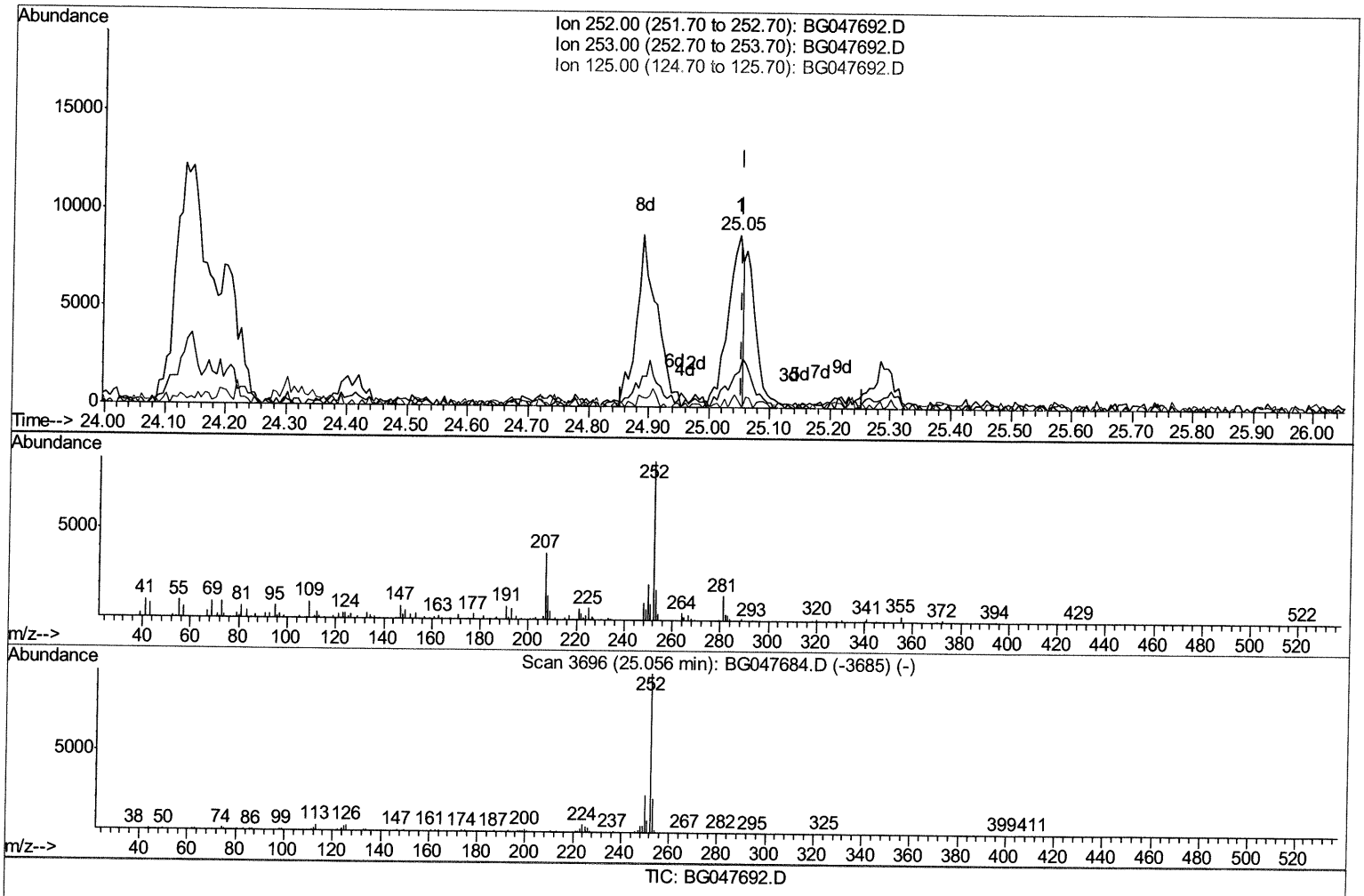
Manual Integrations APPROVED
mohammad
12/10/2020 8:38:36 AM



(91) Benzo(a)pyrene (C)

25.048min (-0.006) 0.97ng/ul

response 15806

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	20.78
125.00	3.20	2.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
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Acq On : 10 Dec 2020 4:06
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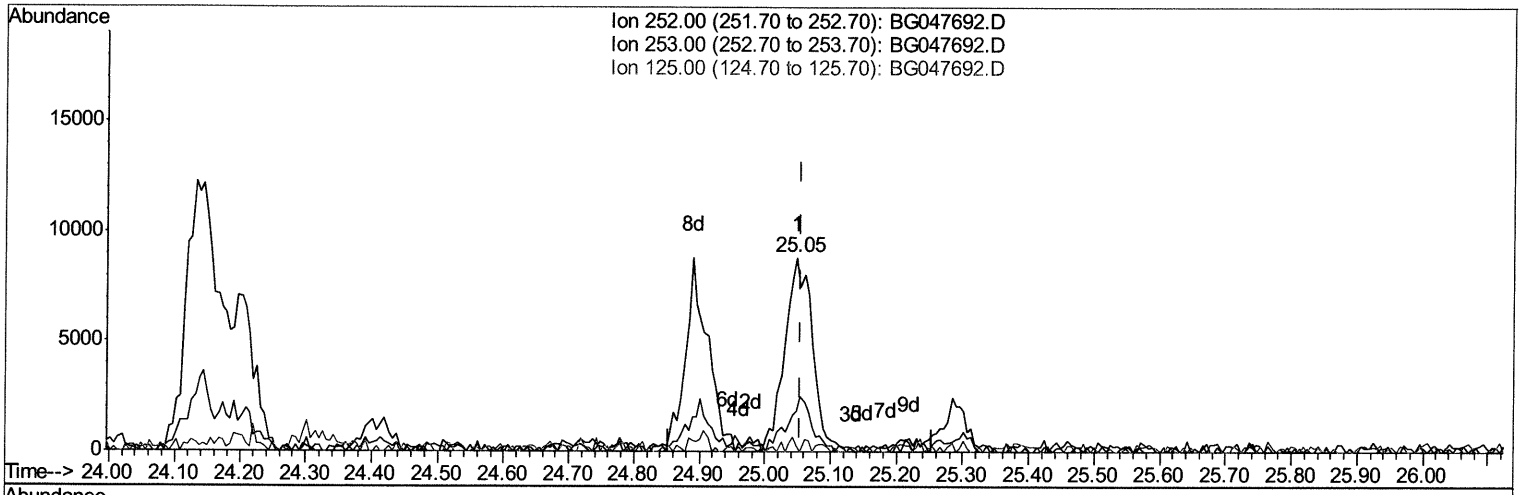
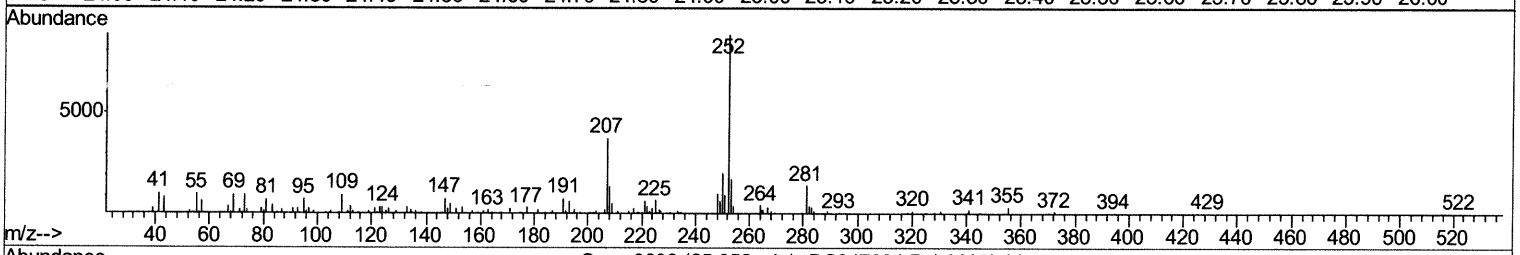
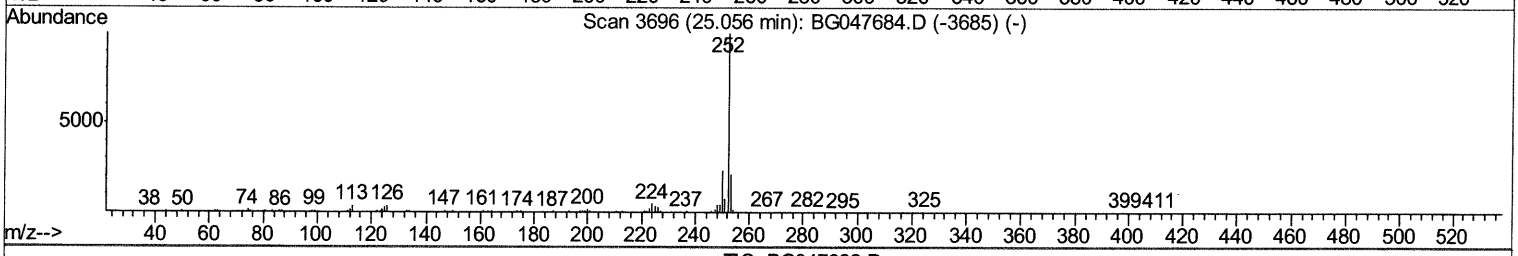
BNA_G
ClientSampleId :
C0B50

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:36 AM







TIC: BG047692.D

(91) Benzo(a)pyrene (C)

25.048min (-0.006) 1.59ng/ul m 12/11/20 JU

response 25907

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	20.78
125.00	3.20	2.98
0.00	0.00	0.00

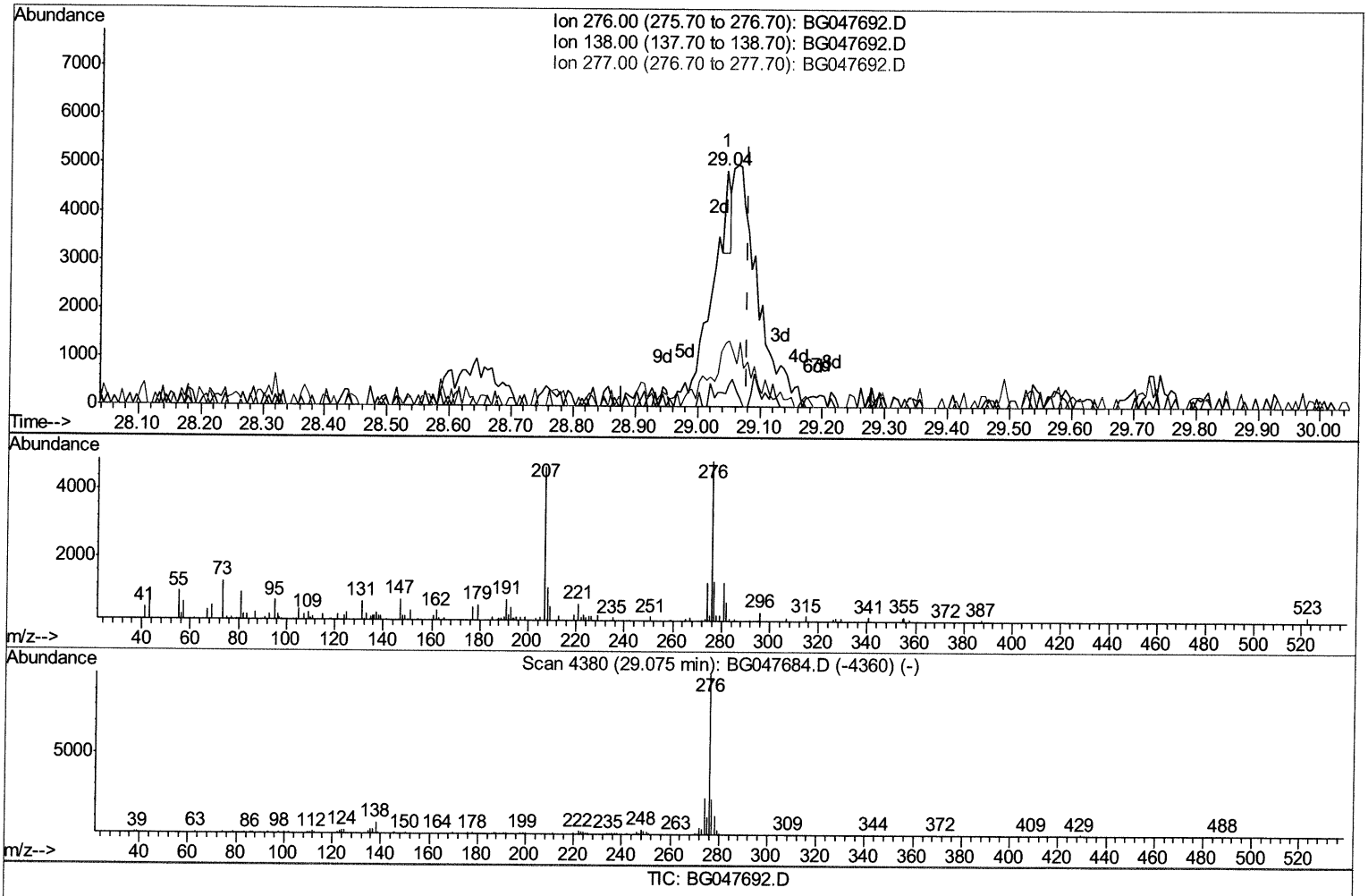
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047692.D
Acq On : 10 Dec 2020 4:06
Operator : CG/JU
Sample : L4941-18
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Dec 10 04:47:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0B50

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:36 AM



TIC: BG047692.D

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

29.044min (-0.035) 0.05ng/ul

response 1030

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	5.53#
277.00	23.20	27.07
0.00	0.00	0.00

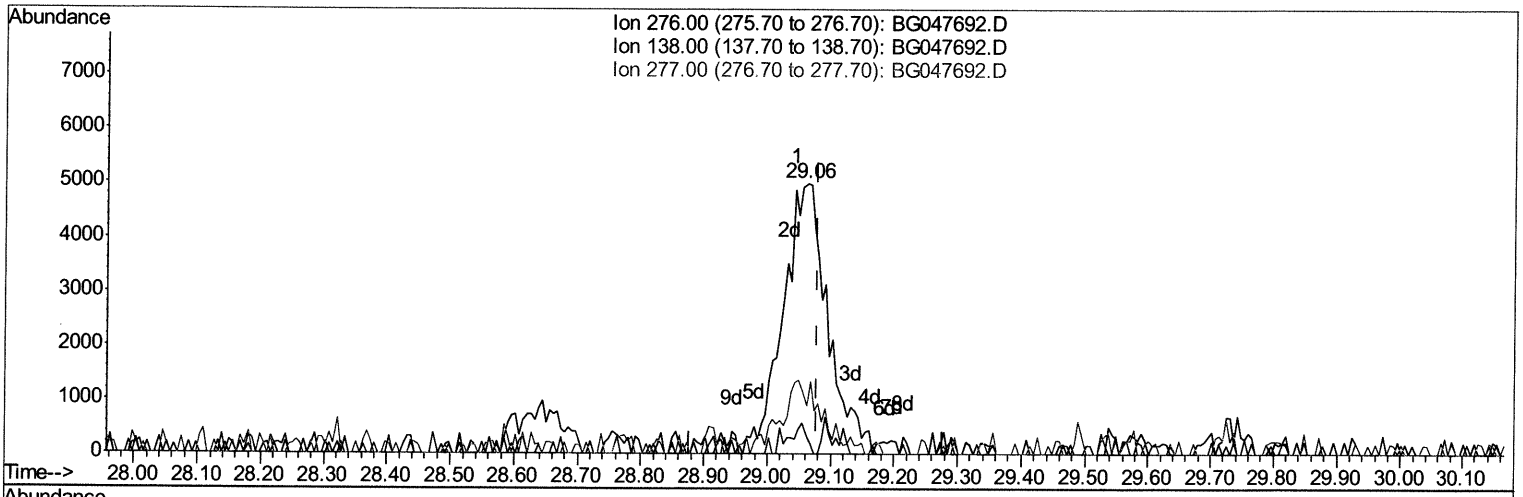
Quantitation Report (Qedit)

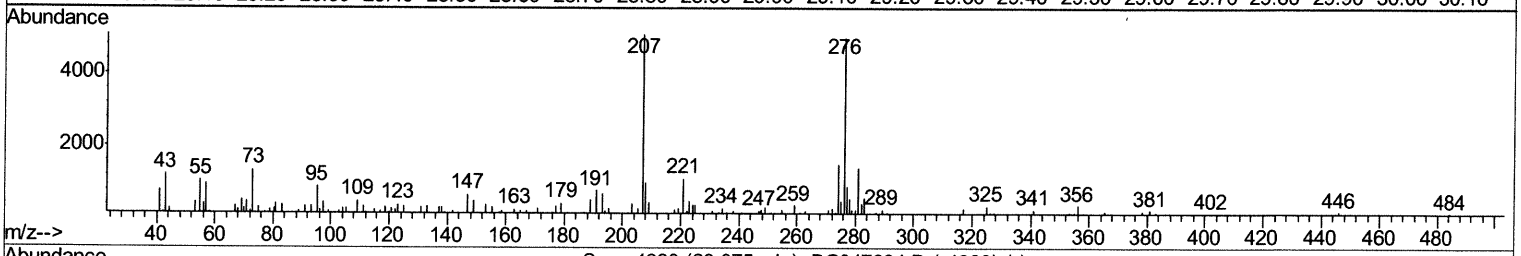
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047692.D
Acq On : 10 Dec 2020 4:06
Operator : CG/JU
Sample : L4941-18
Misc :
ALS Vial : 45 Sample Multiplier: 1

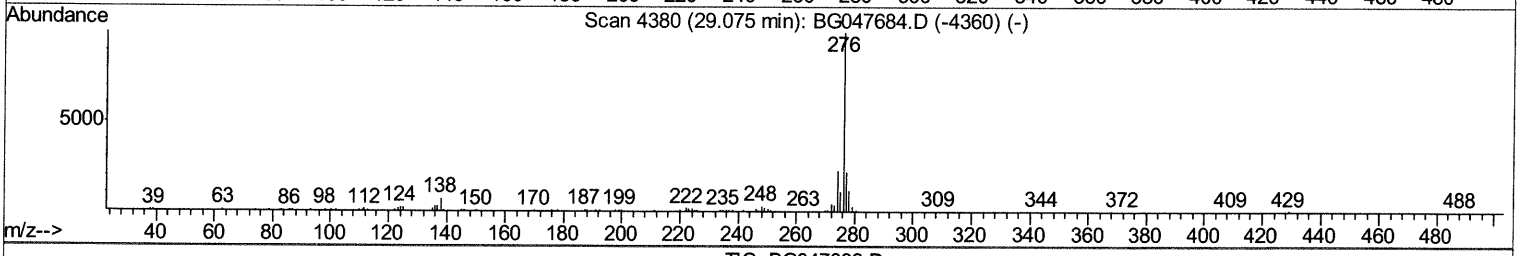
Quant Time: Dec 10 04:47:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0B50

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:36 AM







TIC: BG047692.D

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

29.061min (-0.017) 1.22ng/ul m 12/11/2020

response 24189

Ion	Exp%	Act%
276.00	100	100
138.00	4.10	6.42#
277.00	23.20	17.84#
0.00	0.00	0.00

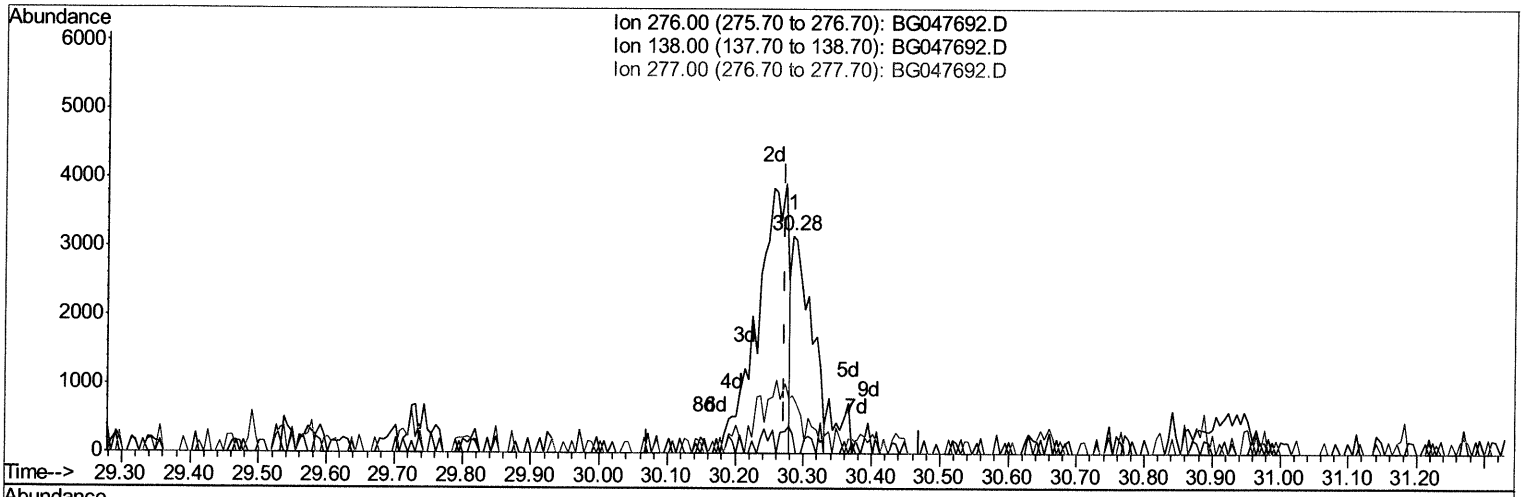
Quantitation Report (Qedit)

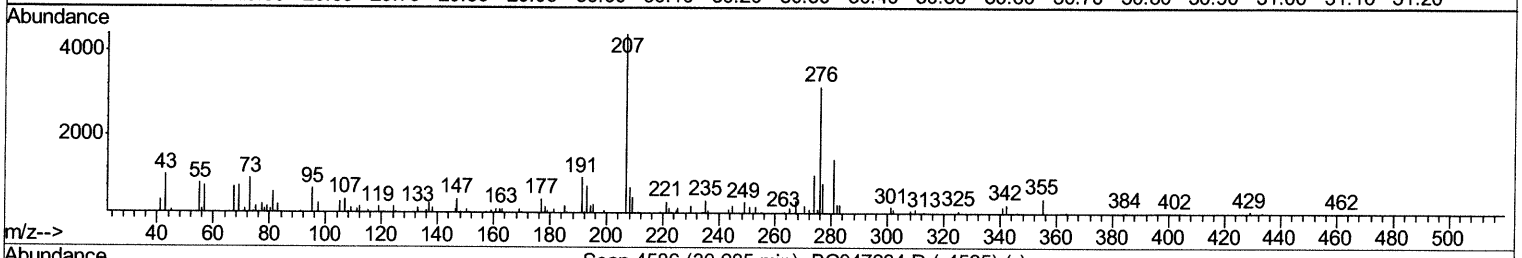
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047692.D
Acq On : 10 Dec 2020 4:06
Operator : CG/JU
Sample : L4941-18
Misc :
ALS Vial : 45 Sample Multiplier: 1

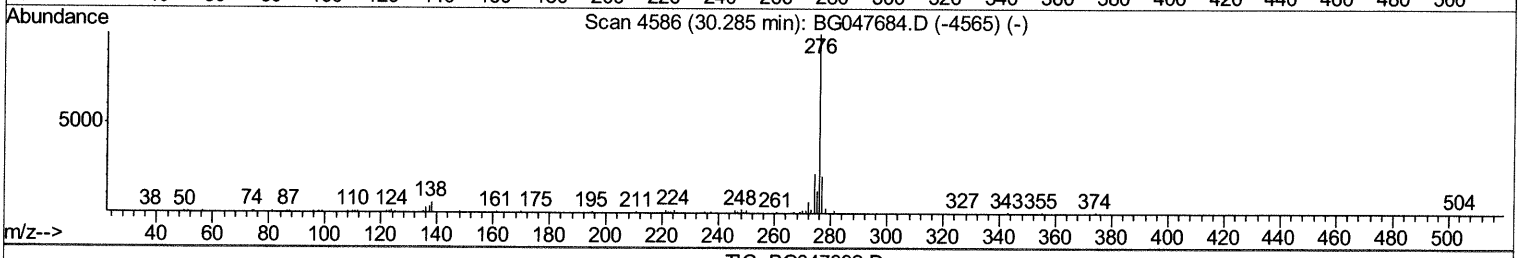
Quant Time: Dec 10 04:47:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0B50

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:36 AM







TIC: BG047692.D

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

30.283min (+0.012) 0.39ng/ul

response 6388

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	9.00#
277.00	27.40	26.76
0.00	0.00	0.00

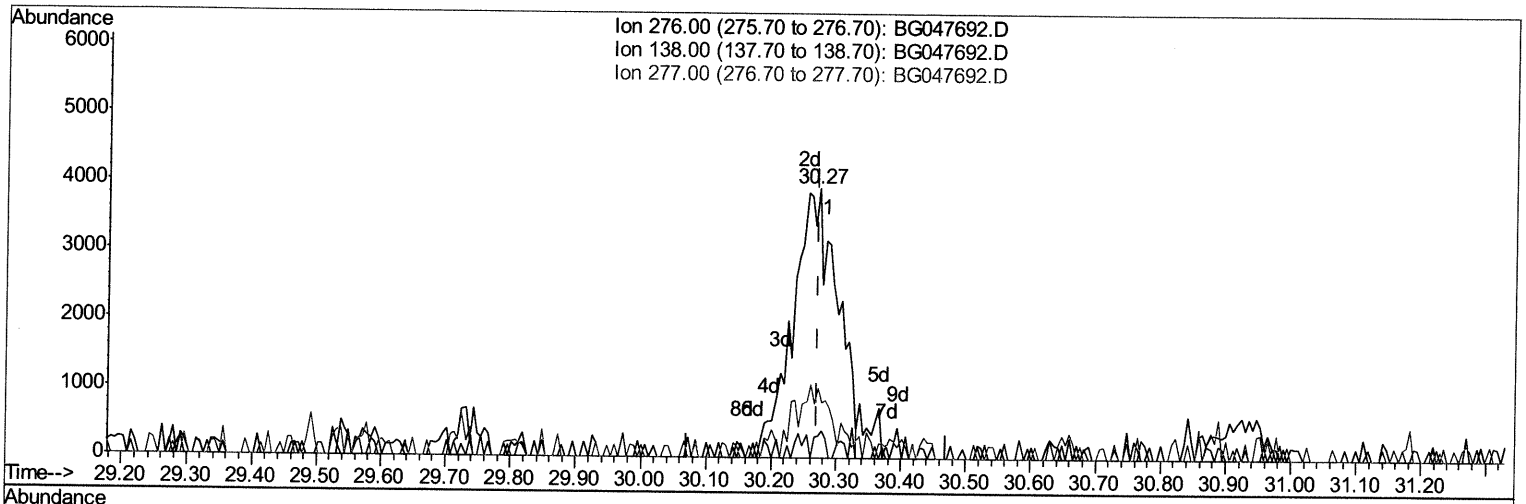
Quantitation Report (Qedit)

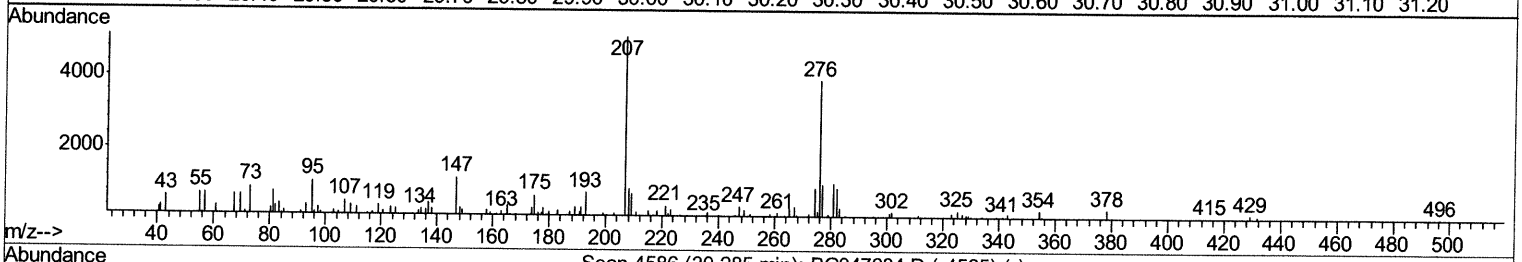
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047692.D
Acq On : 10 Dec 2020 4:06
Operator : CG/JU
Sample : L4941-18
Misc :
ALS Vial : 45 Sample Multiplier: 1

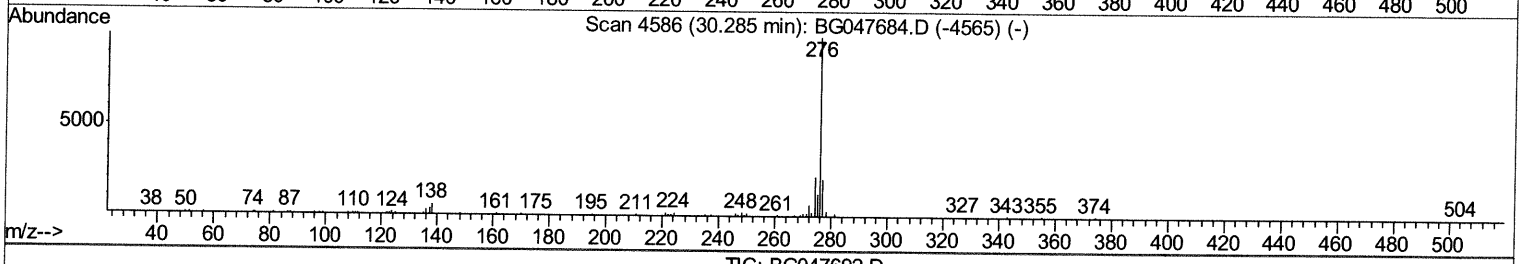
Quant Time: Dec 10 04:47:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0B50

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:36 AM







TIC: BG047692.D

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

30.272min (+0.000) 1.14ng/ul m 12/11/20 JU

response 18585

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	8.14#
277.00	27.40	26.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047692.D
Acq On : 10 Dec 2020 4:06
Operator : CG/JU
Sample : L4941-18
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B50

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:36 AM

Quant Time: Dec 10 04:51:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	37683	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	141084	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	109923	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	273192	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	247358	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	258443	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1820	2.57	ng/uL	-0.01
5) Phenol-d5	7.35	99	43495	13.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	21081	12.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	32715	13.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	30875	12.06	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	14935	12.98	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	21223	15.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	41344	13.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	30044	10.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	135611	14.20	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	162351	14.89	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	18457	13.03	ng/ul	0.00
58) Fluorene-d10	15.82	176	127683	14.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	19699	10.65	ng/ul	0.00
71) Anthracene-d10	17.67	188	211331	15.51	ng/ul	0.00
79) Pyrene-d10	19.94	212	242554	16.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	239006	15.83	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.38	94	9243	3.034	ng/ul	95
14) Acetophenone	9.04	105	4147	1.027	ng/ul#	86
45) Dimethylphthalate	14.27	163	35452	3.665	ng/ul	97
70) Phenanthrene	17.61	178	15467	1.045	ng/ul	94
77) Fluoranthene	19.61	202	51800	2.749	ng/ul#	97
80) Pyrene	19.97	202	41384	2.300	ng/ul#	92
83) Benzo(a)anthracene	21.83	228	22389	1.267	ng/ul#	95
84) Bis(2-ethylhexyl)phthalate	21.71	149	9595	1.142	ng/ul#	84
85) Chrysene	21.89	228	32570	1.953	ng/ul#	93
88) Benzo(b)fluoranthene	24.13	252	42939	2.380	ng/ul#	95
91) Benzo(a)pyrene	25.05	252	25907m	1.592	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.06	276	24189m	1.219	ng/ul	
94) Benzo(g,h,i)perylene	30.27	276	18585m	1.141	ng/ul	

12/11/2020

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