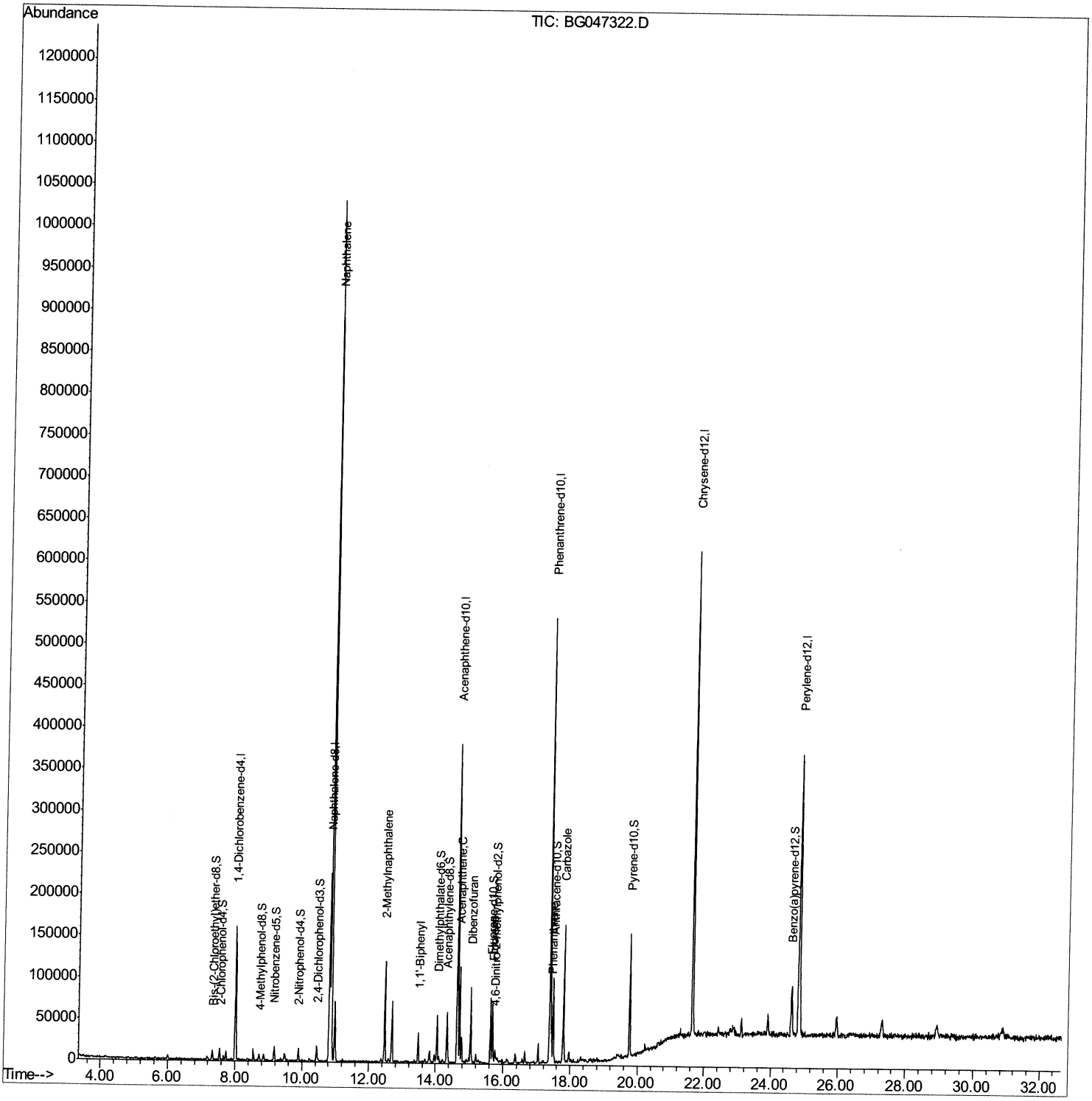
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047322.D
Acq On : 13 Nov 2020 9:54
Operator : CG/JU
Sample : L4726-02DL2 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 13 11:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGE5DL2

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:07 AM



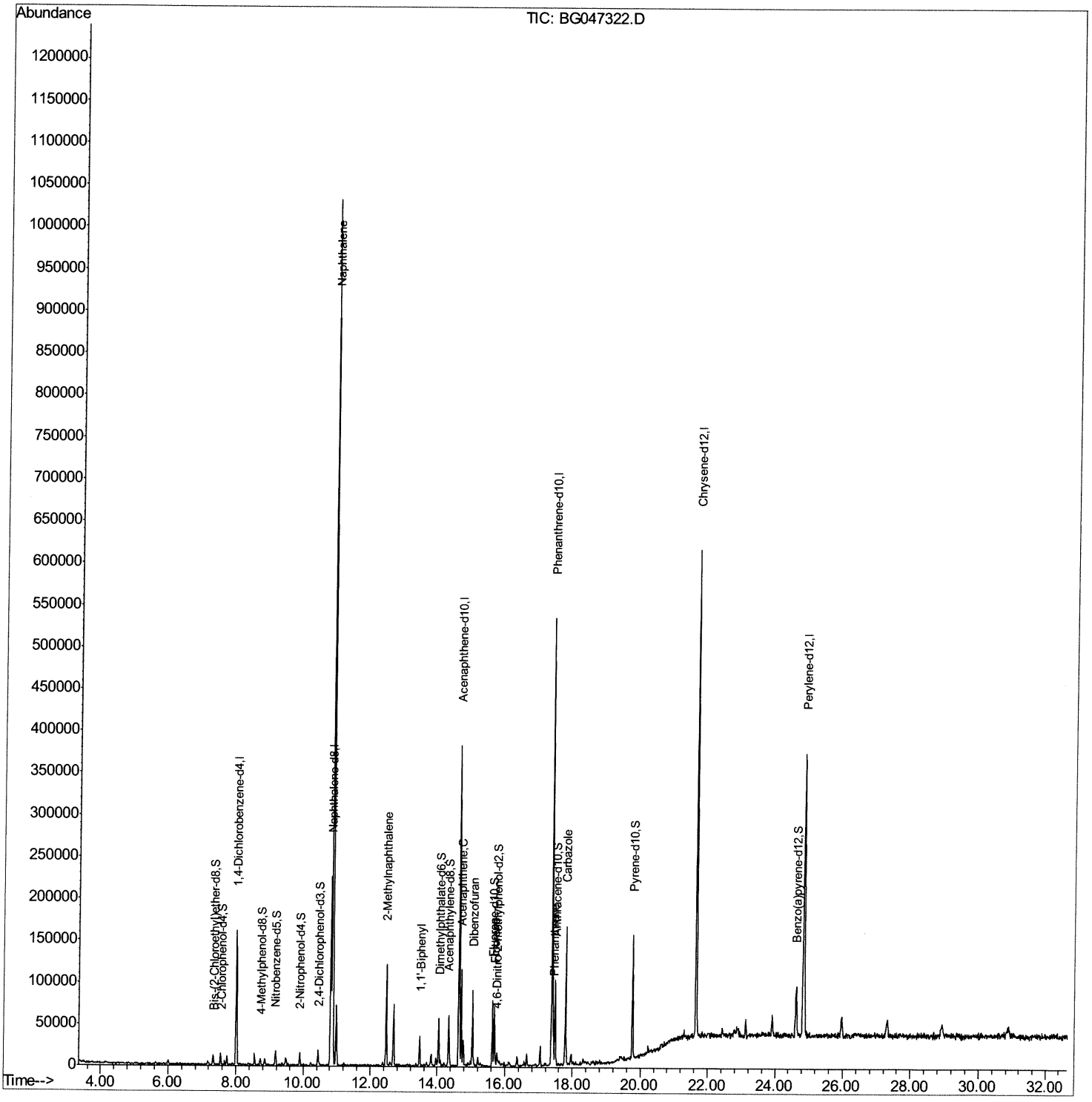
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047322.D
Acq On : 13 Nov 2020 9:54
Operator : CG/JU
Sample : L4726-02DL2 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 13 11:08:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGE5DL2

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:07 AM



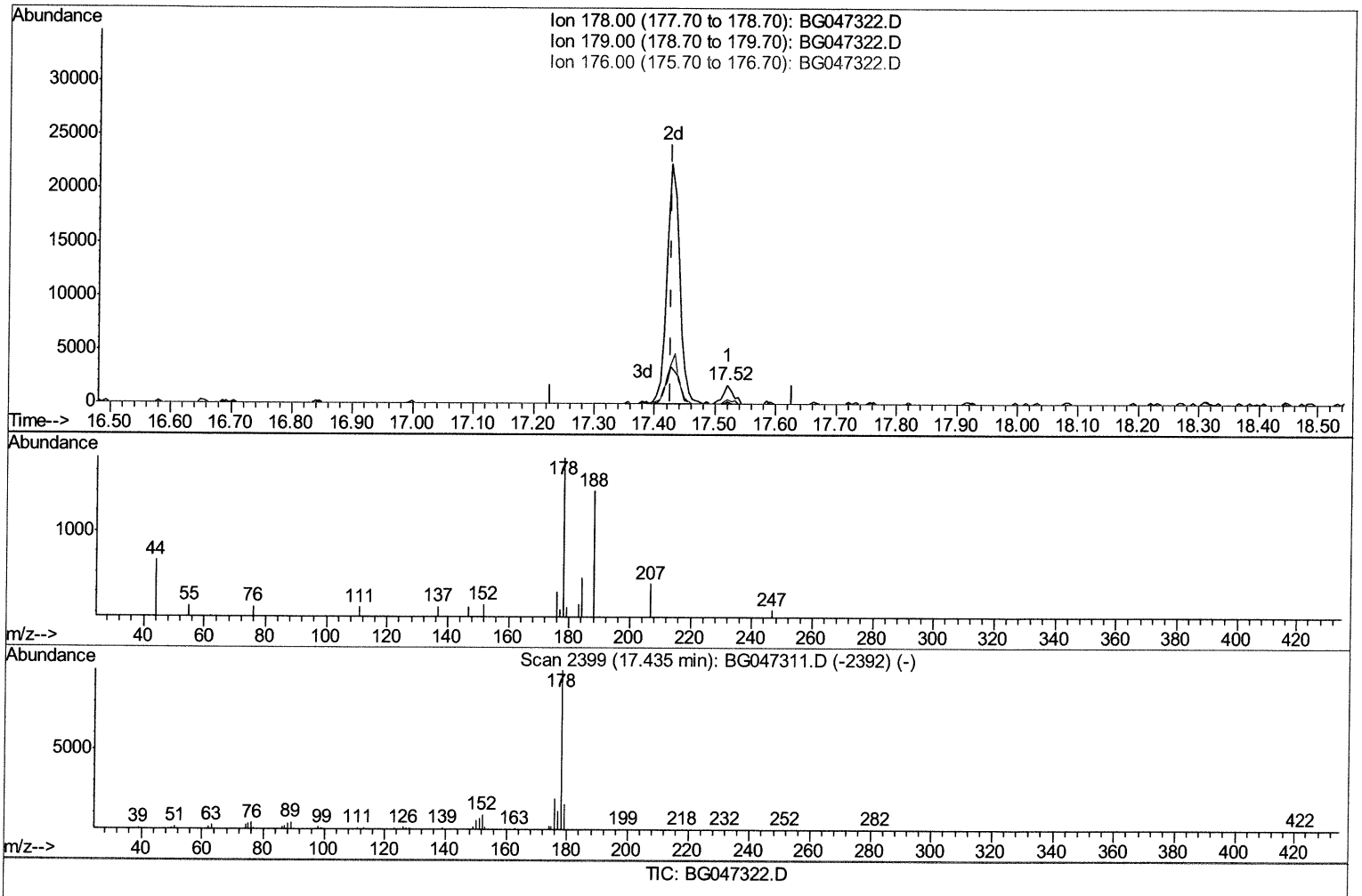
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047322.D
Acq On : 13 Nov 2020 9:54
Operator : CG/JU
Sample : L4726-02DL2 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 13 11:02:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGE5DL2

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:07 AM



TIC: BG047322.D

(70) Phenanthrene

17.521min (+0.093) 0.10ng/ul

response 1996

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	14.78
176.00	20.60	23.33
0.00	0.00	0.00

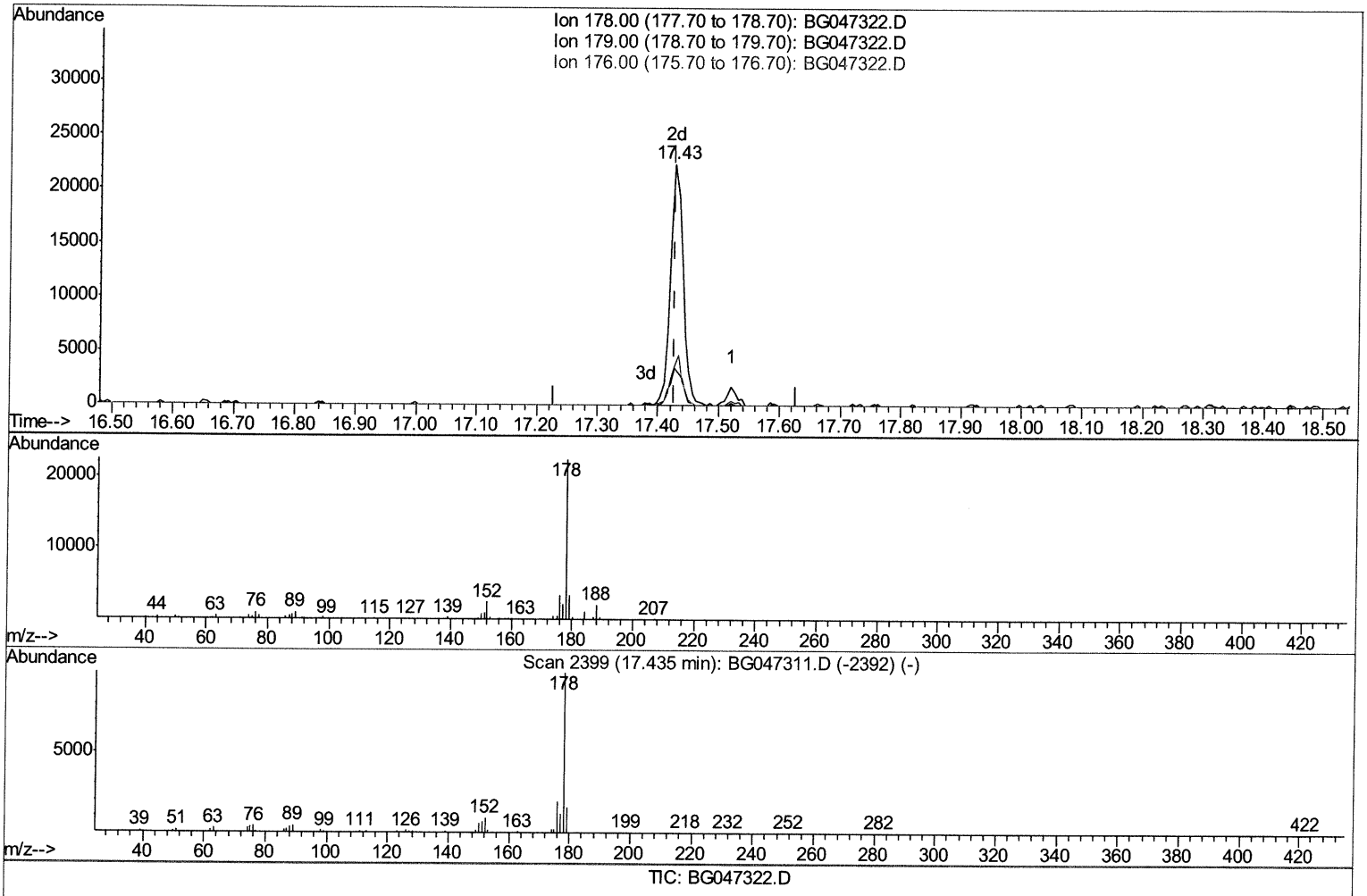
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047322.D
Acq On : 13 Nov 2020 9:54
Operator : CG/JU
Sample : L4726-02DL2 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 13 11:02:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGE5DL2

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:07 AM



TIC: BG047322.D

(70) Phenanthrene

17.427min (-0.001) 1.68ng/ul m 12/02/20 JU

response 32556

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.48
176.00	20.60	15.83#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047322.D
Acq On : 13 Nov 2020 9:54
Operator : CG/JU
Sample : L4726-02DL2 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGE5DL2

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:07 AM

Quant Time: Nov 13 11:08:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	188668	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	135762	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	345506	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	368674	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	361248	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.17	99	1855	0.47	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.32	67	6268	2.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	6438	2.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	3991	1.26	ng/ul	0.01
19) Nitrobenzene-d5	9.17	128	4193	2.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	5084	2.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	7522	2.09	ng/ul	0.01
29) 4-Chloroaniline-d4	10.93	131	147	0.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	39125	3.50	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	43839	3.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	224	0.13	ng/ul	0.05
58) Fluorene-d10	15.63	176	36427	3.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	5612	2.36	ng/ul	0.01
71) Anthracene-d10	17.49	188	63359	3.78	ng/ul	0.00
79) Pyrene-d10	19.77	212	80087	3.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	71844	3.62	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.87	128	824490	77.788	ng/ul	98
34) 2-Methylnaphthalene	12.47	142	56614	7.487	ng/ul	93
41) 1,1'-Biphenyl	13.48	154	20622	1.925	ng/ul#	82
50) Acenaphthene	14.71	153	48912	5.472	ng/ul	97
54) Dibenzofuran	15.04	168	60167	4.625	ng/ul	97
59) Fluorene	15.69	166	32564	3.050	ng/ul	97
70) Phenanthrene	17.43	178	32556m	1.680	ng/ul	12/02/20 JU
75) Carbazole	17.79	167	114437	7.650	ng/ul	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047322.D
Acq On : 13 Nov 2020 9:54
Operator : CG/JU
Sample : L4726-02DL2 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 13 11:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : DBGE5DL2

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:07 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	188668	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	135762	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	345506	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	368674	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	361248	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.17	99	1855	0.47	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.32	67	6268	2.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	6438	2.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	3991	1.26	ng/ul	0.01
19) Nitrobenzene-d5	9.17	128	4193	2.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	5084	2.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	7522	2.09	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.04	166	39125	3.50	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	43839	3.32	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.63	176	36427	3.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	5612	2.36	ng/ul	0.01
71) Anthracene-d10	17.49	188	63359	3.78	ng/ul	0.00
79) Pyrene-d10	19.77	212	80087	3.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	71844	3.62	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.87	128	824490	77.788	ng/ul	98
34) 2-Methylnaphthalene	12.47	142	56614	7.487	ng/ul	93
41) 1,1'-Biphenyl	13.48	154	20622	1.925	ng/ul#	82
50) Acenaphthene	14.71	153	48912	5.472	ng/ul	97
54) Dibenzofuran	15.04	168	60167	4.625	ng/ul	97
59) Fluorene	15.69	166	32564	3.050	ng/ul	97
70) Phenanthrene	17.43	178	32556m	1.680	ng/ul	12/02/2020
75) Carbazole	17.79	167	114437	7.650	ng/ul	99

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