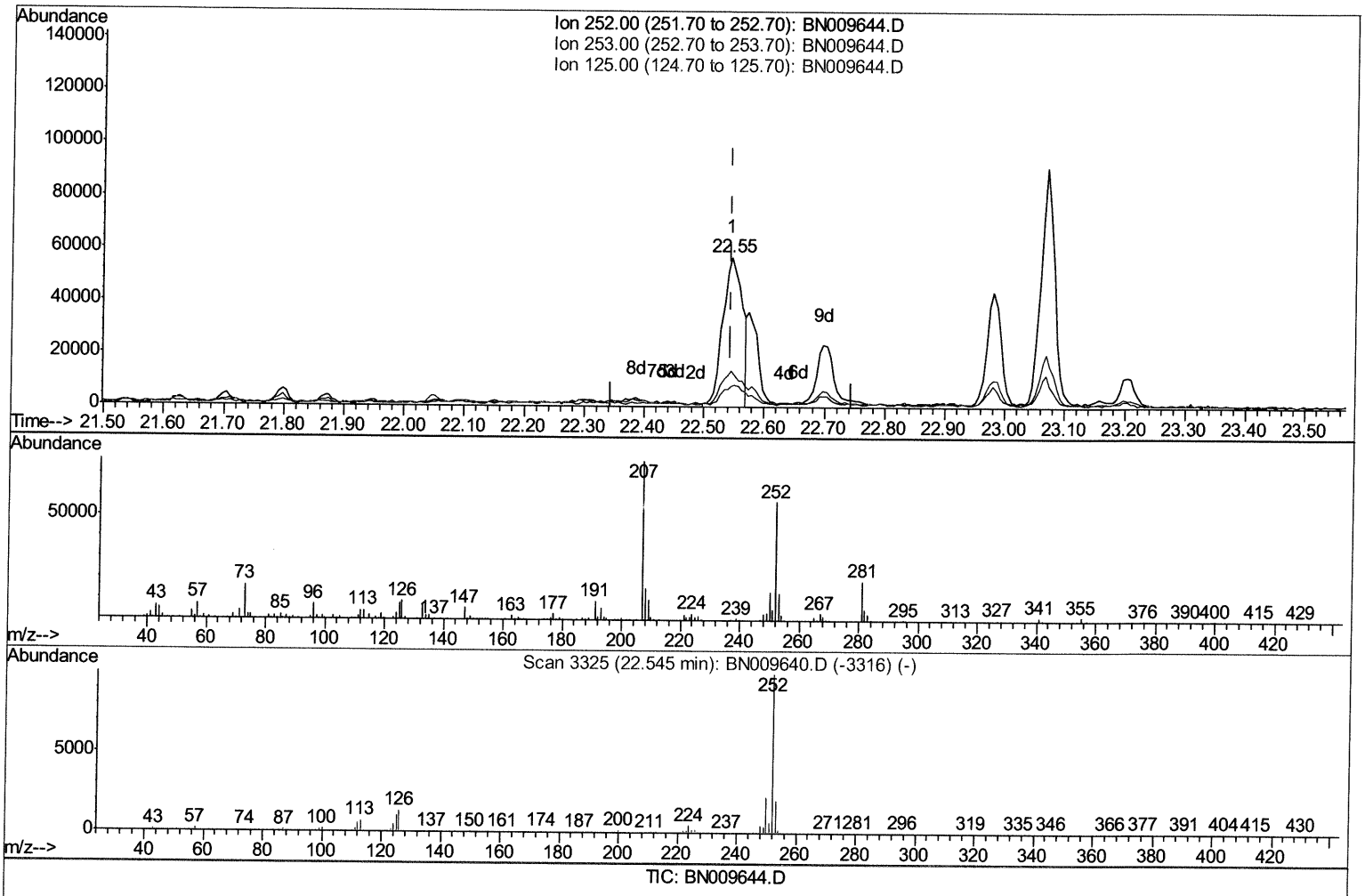
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009644.D
Acq On : 07 Feb 2020 12:36
Operator : CG/JU
Sample : L1324-08DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Feb 07 15:24:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT65DL

Manual Integrations APPROVED
mohammad
2/11/2020 8:23:34 AM



TIC: BN009644.D

(87) Benzo(b)fluoranthene

22.545min (+0.000) 2.40ng/ul m JU 02/13/20

response 130819

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	23.70
125.00	10.20	14.03#
0.00	0.00	0.00

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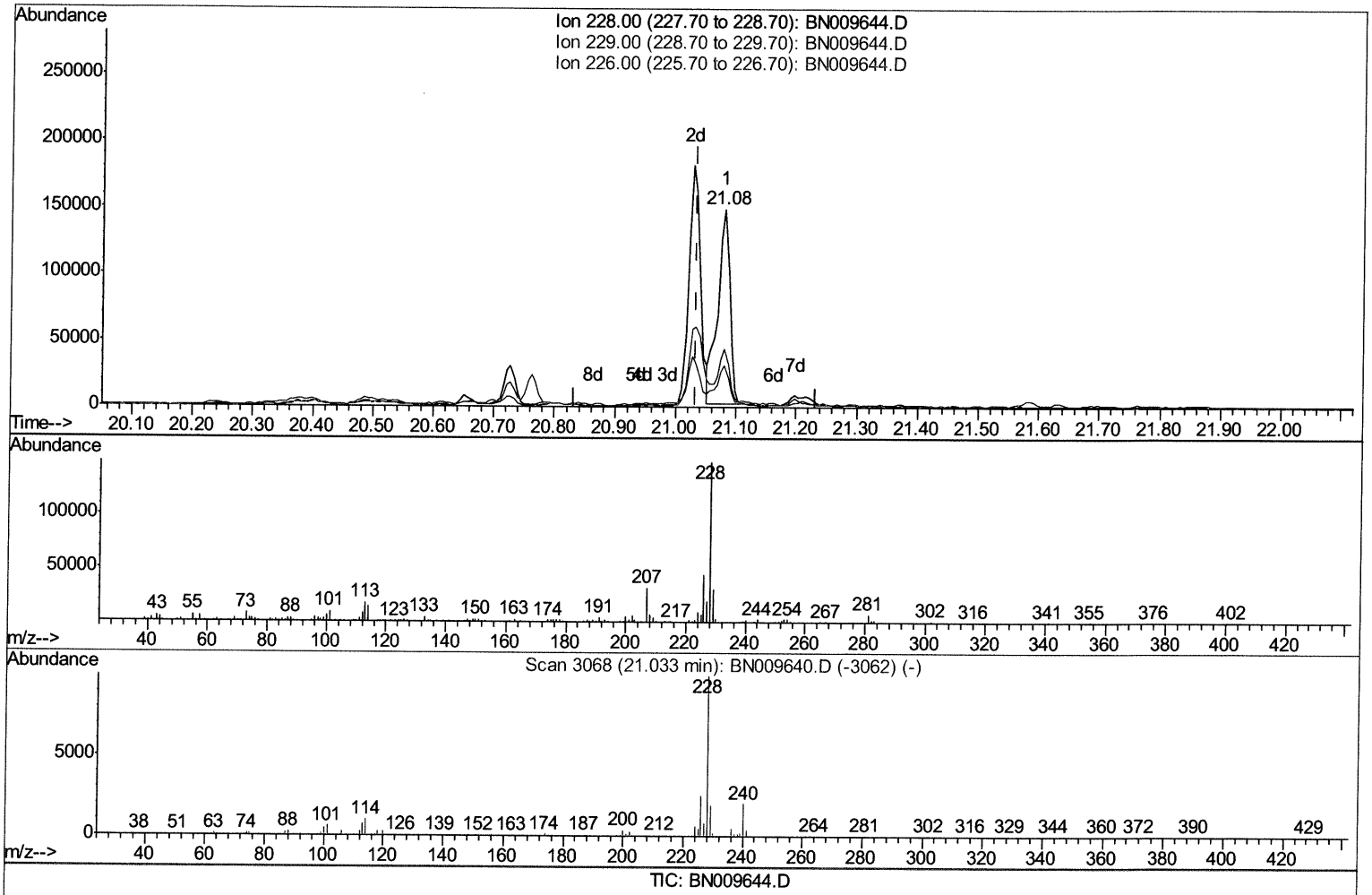
Manual Integrations APPROVED
mohammad
2/11/2020 8:23:34 AM



(82) Benzo(a)anthracene

21.080min (+0.047) 3.80ng/ul

response 203771

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.85
226.00	26.10	29.44
0.00	0.00	0.00

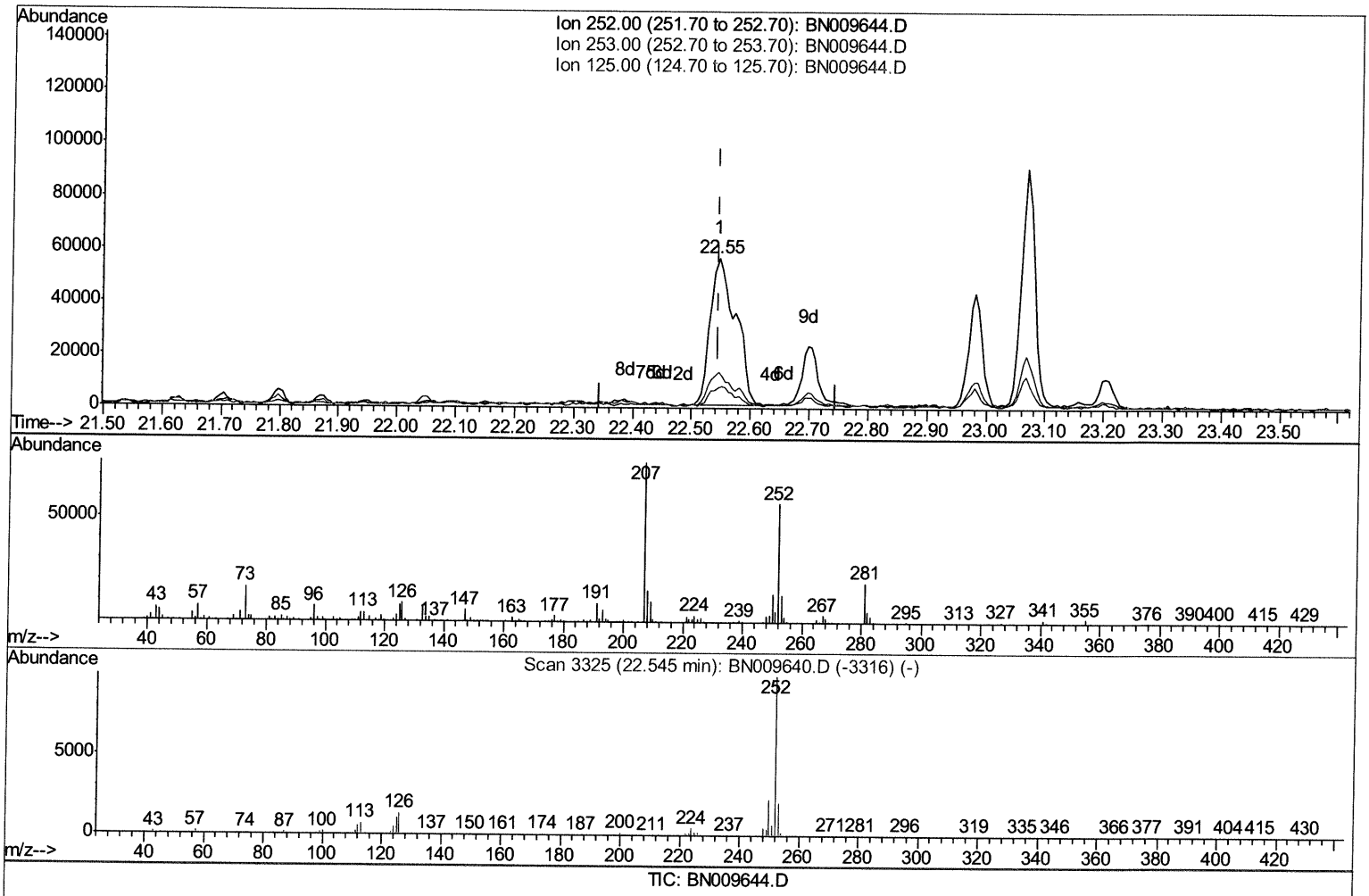
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009644.D
Acq On : 07 Feb 2020 12:36
Operator : CG/JU
Sample : L1324-08DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Feb 07 15:24:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT65DL

Manual Integrations APPROVED
mohammad
2/11/2020 8:23:34 AM



TIC: BN009644.D

(87) Benzo(b)fluoranthene

22.545min (+0.000) 3.08ng/ul

response 168079

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	23.70
125.00	10.20	14.03#
0.00	0.00	0.00

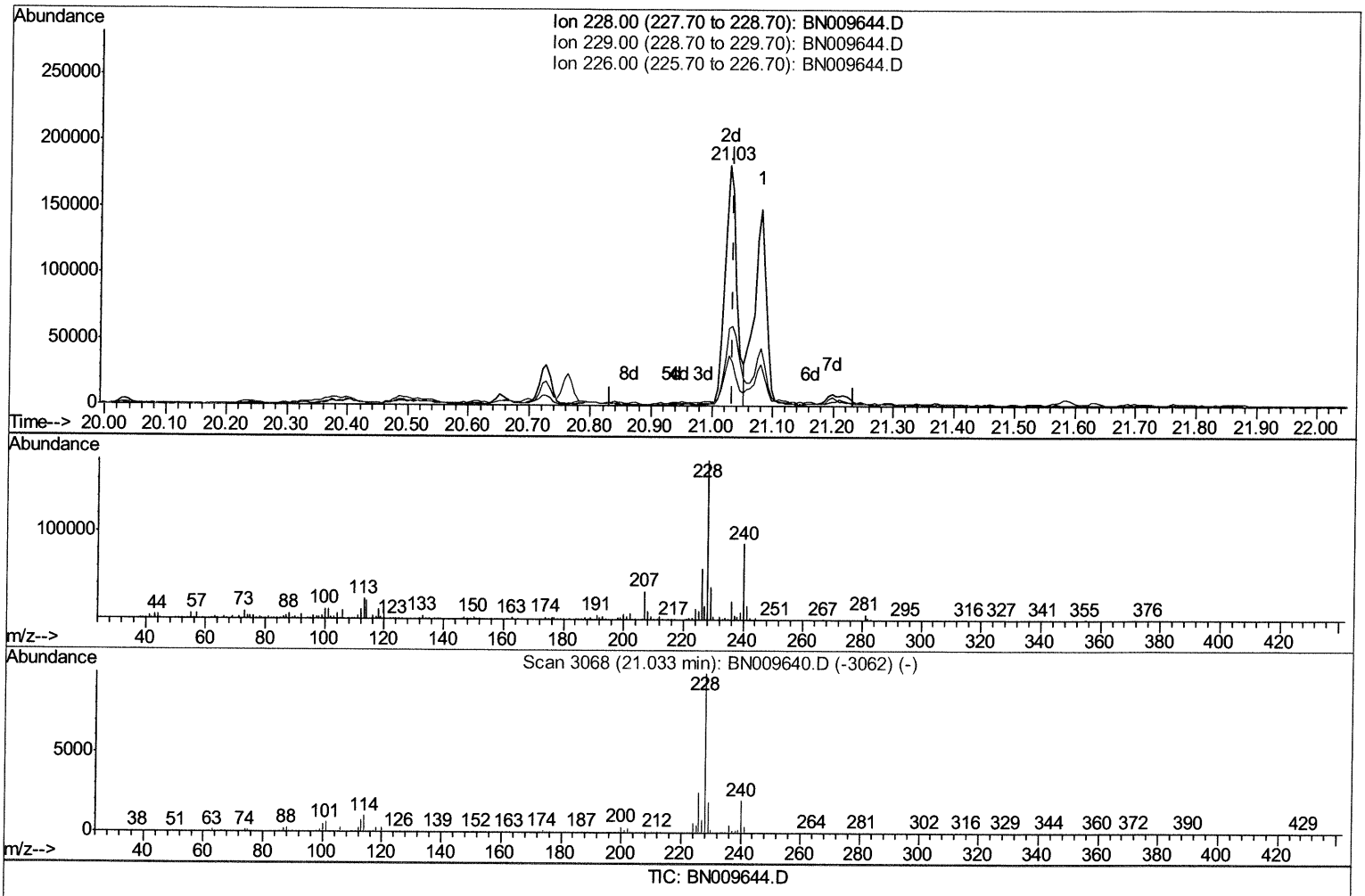
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009644.D
Acq On : 07 Feb 2020 12:36
Operator : CG/JU
Sample : L1324-08DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Feb 07 15:24:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT65DL

Manual Integrations APPROVED
mohammad
2/11/2020 8:23:34 AM



TIC: BN009644.D

(82) Benzo(a)anthracene

21.027min (-0.006) 4.63ng/ul m JU 02/13/20

response 248738

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.76
226.00	26.10	32.17#
0.00	0.00	0.00

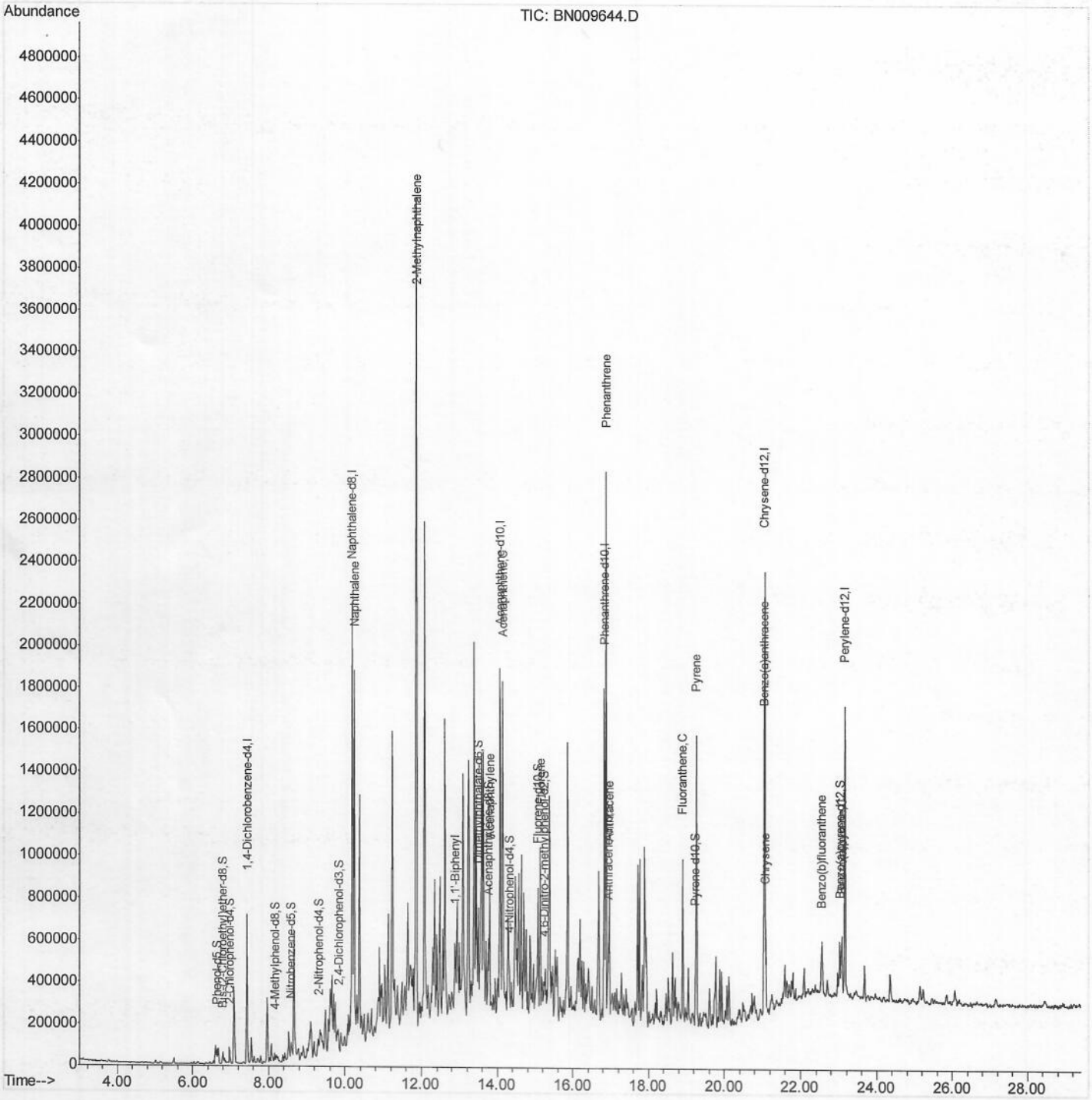
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009644.D
Acq On : 07 Feb 2020 12:36
Operator : CG/JU
Sample : L1324-08DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Feb 10 12:27:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT65DL

Manual Integrations APPROVED
mohammad
2/11/2020 8:23:34 AM



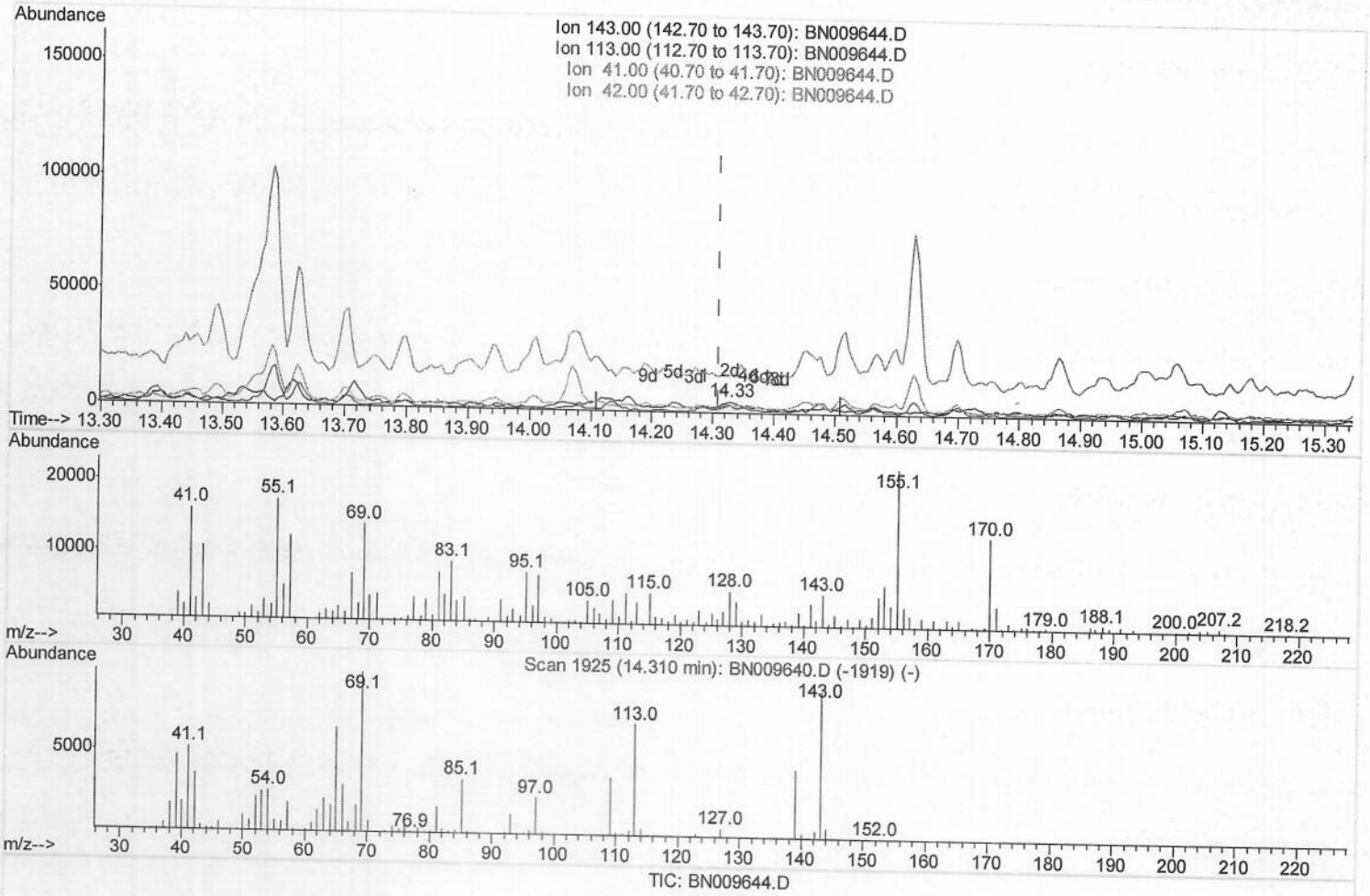
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009644.D
Acq On : 07 Feb 2020 12:36
Operator : CG/JU
Sample : L1324-08DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Feb 10 12:27:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT65DL

Manual Integrations APPROVED
mohammad
2/11/2020 8:23:34 AM



(51) 4-Nitrophenol-d4 (S)

14.328min (+0.018) 1.04ng/ul m JU 02/13/20

response 5901

Ion	Exp%	Act%
143.00	100	100
113.00	77.90	67.23
41.00	65.40	322.32#
42.00	43.30	61.14#

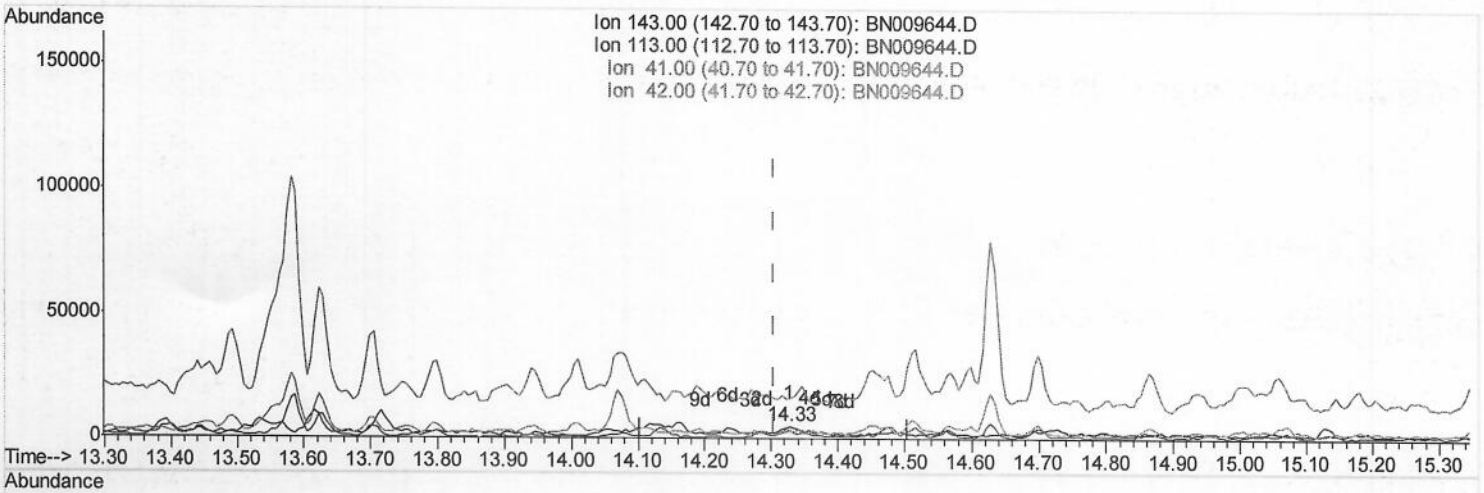
Quantitation Report (Qedit)

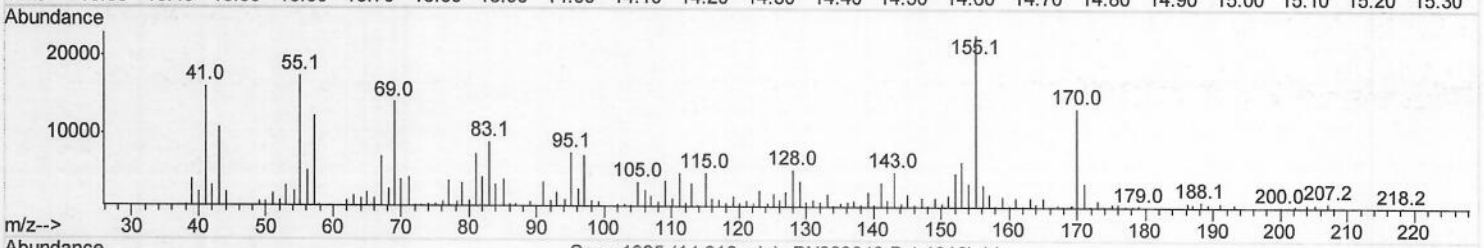
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009644.D
Acq On : 07 Feb 2020 12:36
Operator : CG/JU
Sample : L1324-08DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

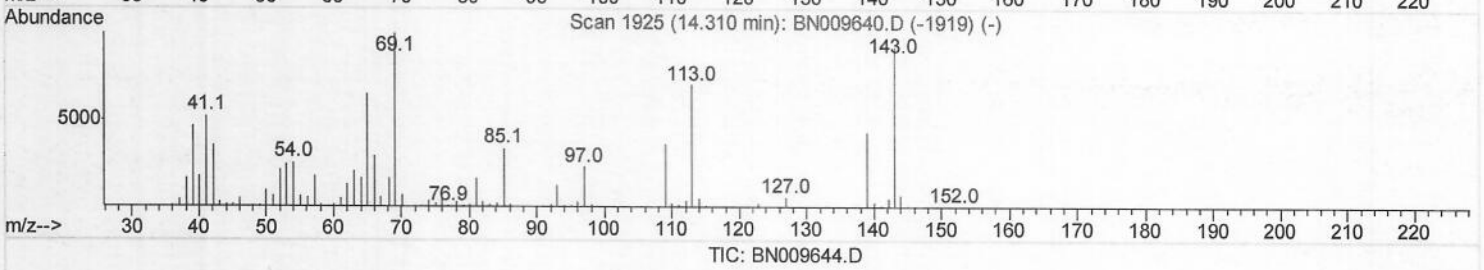
Quant Time: Feb 18 09:05:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 18 08:59:08 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT65DL

Manual Integrations APPROVED
mohammad
2/11/2020 8:23:34 AM







TIC: BN009644.D

(51) 4-Nitrophenol-d4 (S)

14.328min (+0.024) 0.72ng/ul

response 4108

Ion	Exp%	Act%
143.00	100	100
113.00	77.90	67.23
41.00	65.40	322.32#
42.00	43.30	61.14#

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009644.D
Acq On : 07 Feb 2020 12:36
Operator : CG/JU
Sample : L1324-08DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Feb 10 12:27:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : GAT65DL

Manual Integrations APPROVED
mohammad
2/11/2020 8:23:34 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	159492	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	685026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	411238	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	843168	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	777276	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	873032	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1204	0.31	ng/uL	0.00
5) Phenol-d5	6.64	99	36476	2.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	30297	3.24	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	30634	2.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	16343	1.48	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	15433	3.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	15213	2.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	27435	2.58	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	97283	3.24	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	120137	3.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	5901m	1.04	ng/ul	0.02
57) Fluorene-d10	15.07	176	92298	3.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	7708	1.46	ng/ul	0.00
70) Anthracene-d10	16.93	188	137719	3.59	ng/ul	0.00
78) Pyrene-d10	19.23	212	153511	3.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	150970	3.51	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.23	128	1196782	32.216	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	1534375	59.021	ng/ul	96
40) 1,1'-Biphenyl	12.89	154	51468	1.607	ng/ul	96
47) Acenaphthylene	13.79	152	115027	2.898	ng/ul#	87
49) Acenaphthene	14.13	153	536372	19.876	ng/ul	98
58) Fluorene	15.13	166	284417	9.056	ng/ul	99
69) Phenanthrene	16.87	178	1343364	27.937	ng/ul	98
71) Anthracene	16.96	178	336758	6.902	ng/ul	98
76) Fluoranthene	18.90	202	401473	7.315	ng/ul	99
79) Pyrene	19.26	202	780829	13.761	ng/ul	97
82) Benzo(a)anthracene	21.03	228	248738m	4.635	ng/ul	
84) Chrysene	21.08	228	203771	3.814	ng/ul	99
87) Benzo(b)fluoranthene	22.55	252	130819m	2.395	ng/ul	
90) Benzo(a)pyrene	23.07	252	143298	2.832	ng/ul#	94

SK 02/13/20

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