Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

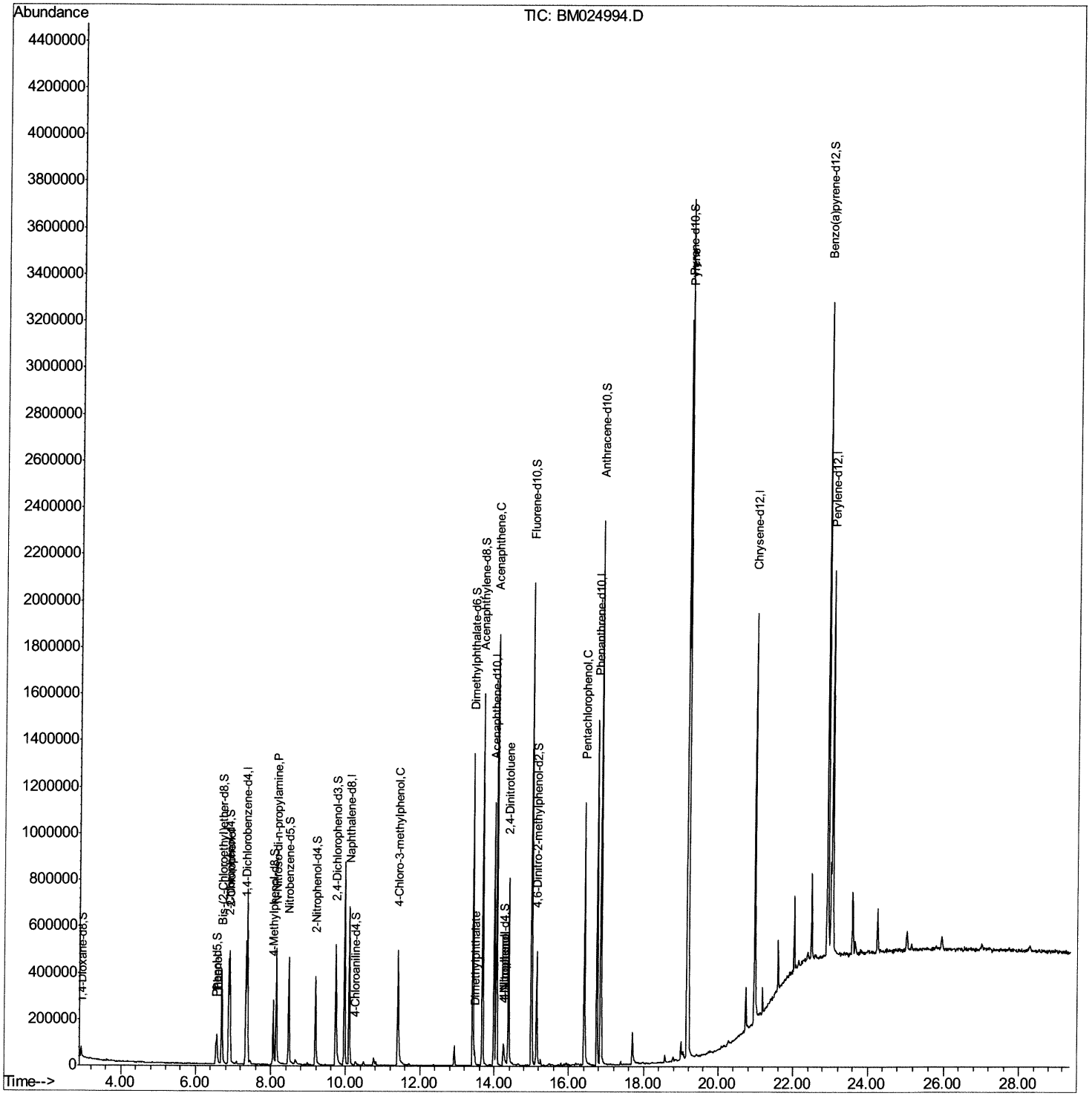
Quantitation Report (QT Reviewed)

Data File : BM024994.D
Acq On : 21 Feb 2020 19:34
Operator : CG/JU
Sample : L1582-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 22 01:38:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ5MSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:34:55 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

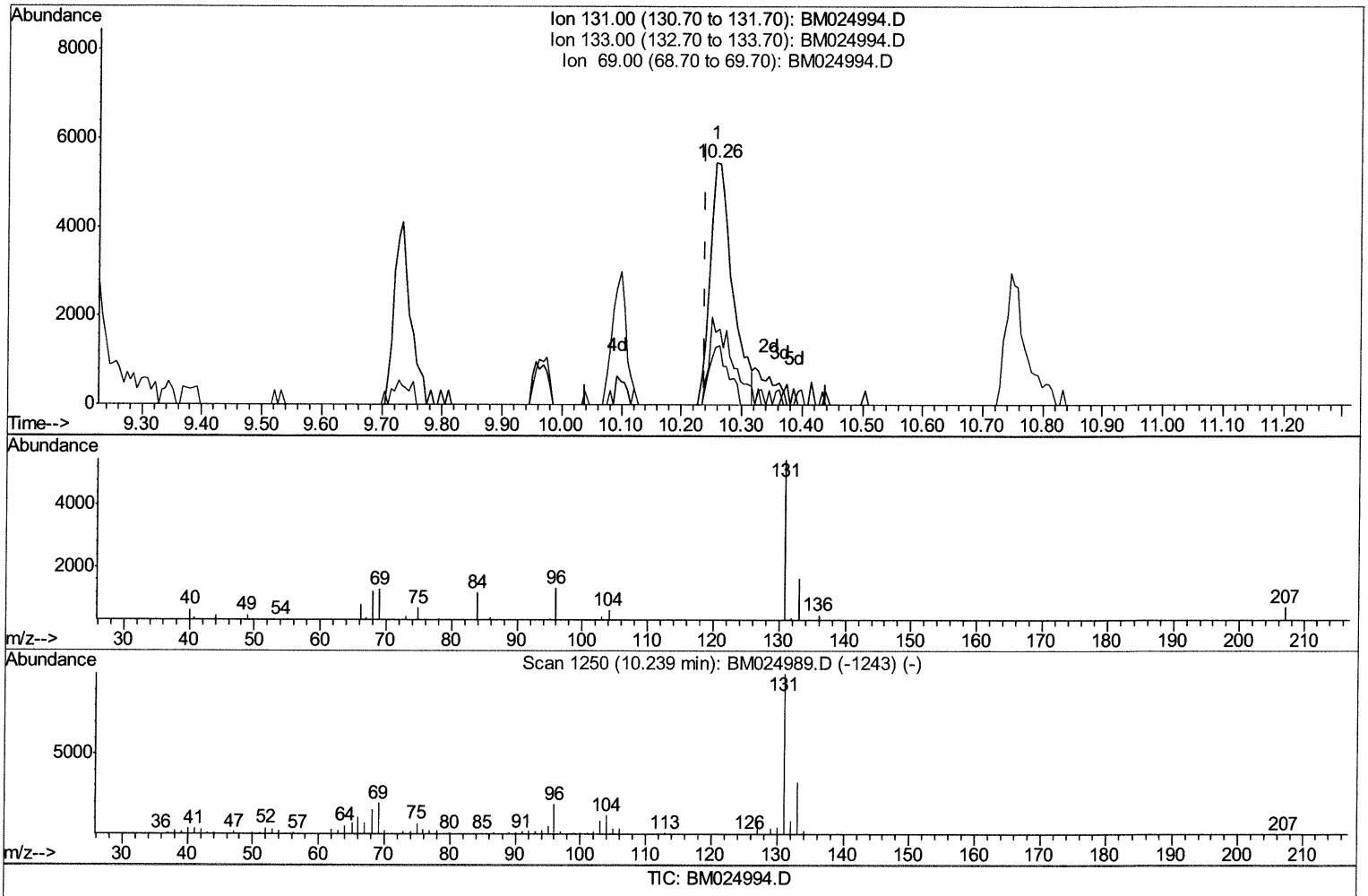
Quantitation Report (Qedit)

Data File : BM024994.D
Acq On : 21 Feb 2020 19:34
Operator : CG/JU
Sample : L1582-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 22 01:18:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ5MSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:34:55 PM



TIC: BM024994.D

(29) 4-Chloroaniline-d4 (S)

10.257min (+0.018) 1.48ng/ul

response 14084

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.11
69.00	16.20	23.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

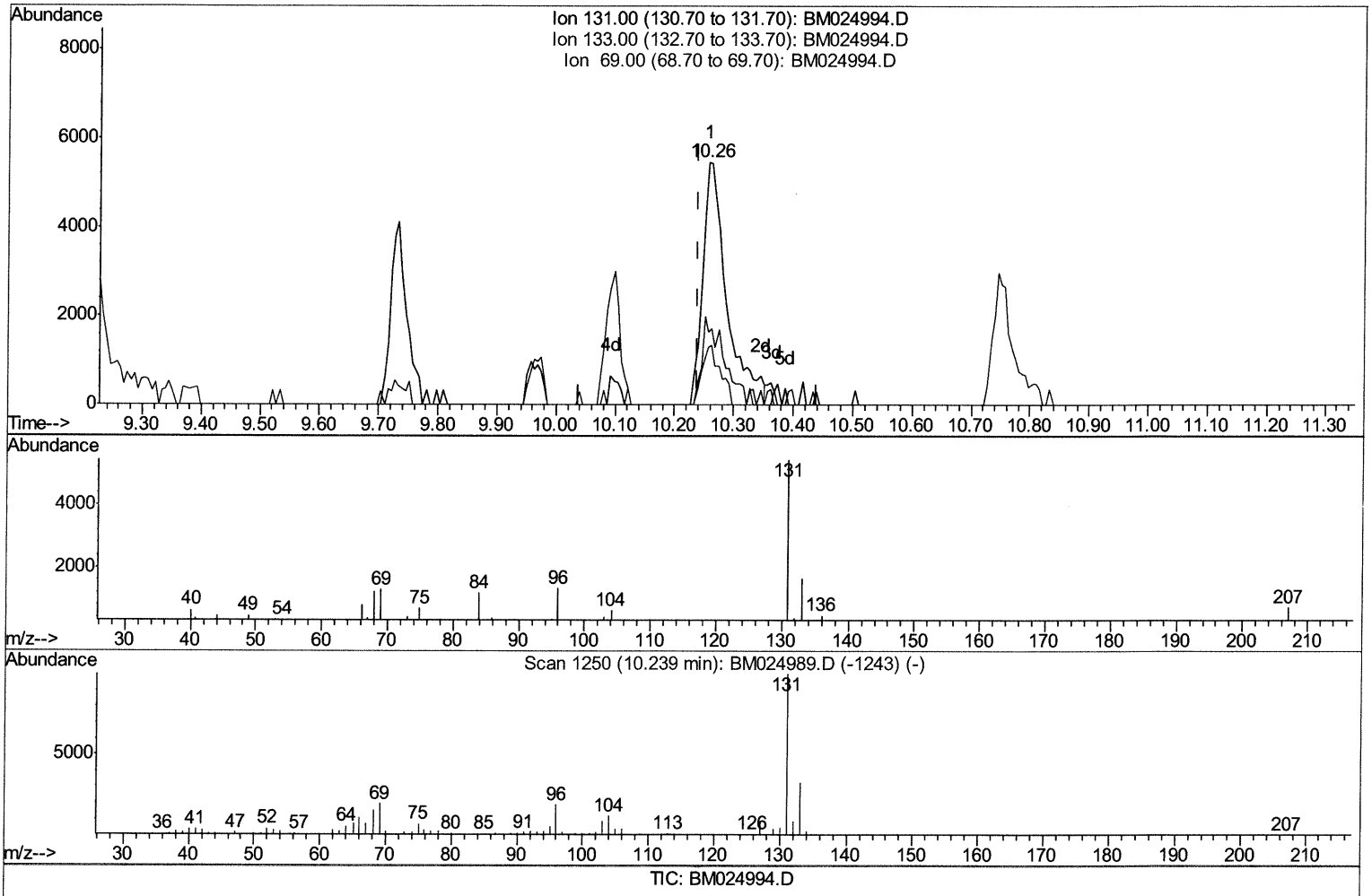
Quantitation Report (Qedit)

Data File : BM024994.D
Acq On : 21 Feb 2020 19:34
Operator : CG/JU
Sample : L1582-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 22 01:18:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ5MSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:34:55 PM



TIC: BM024994.D

(29) 4-Chloroaniline-d4 (S)

10.257min (+0.018) 1.62ng/ul m JU 02/25/20

response 15434

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.11
69.00	16.20	23.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

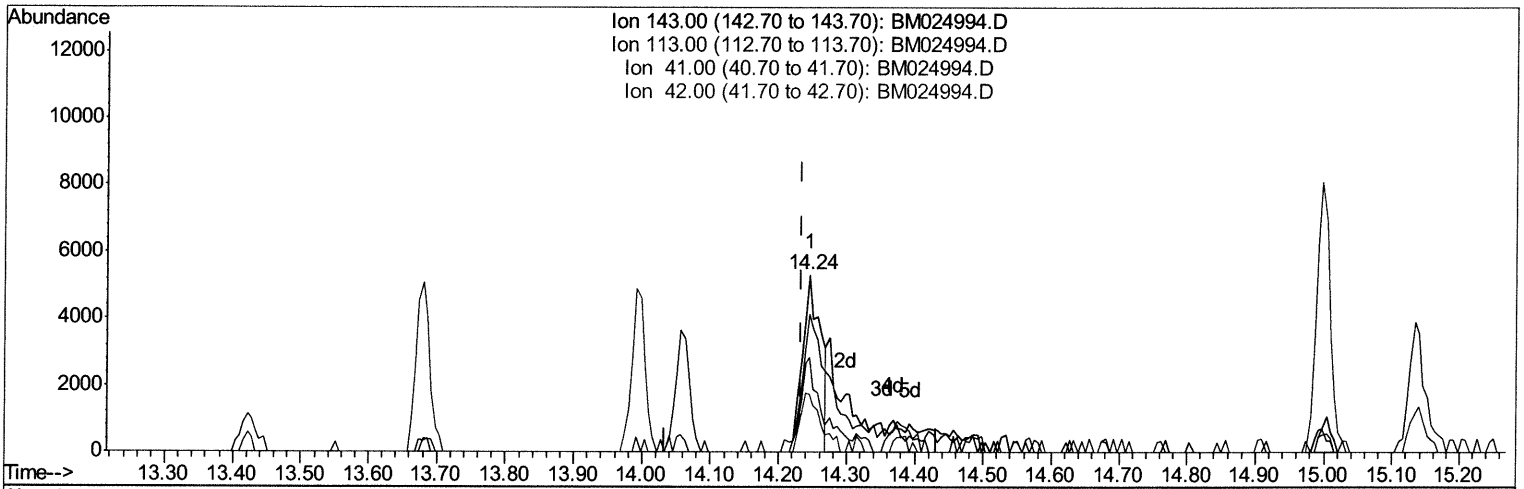
Quantitation Report (Qedit)

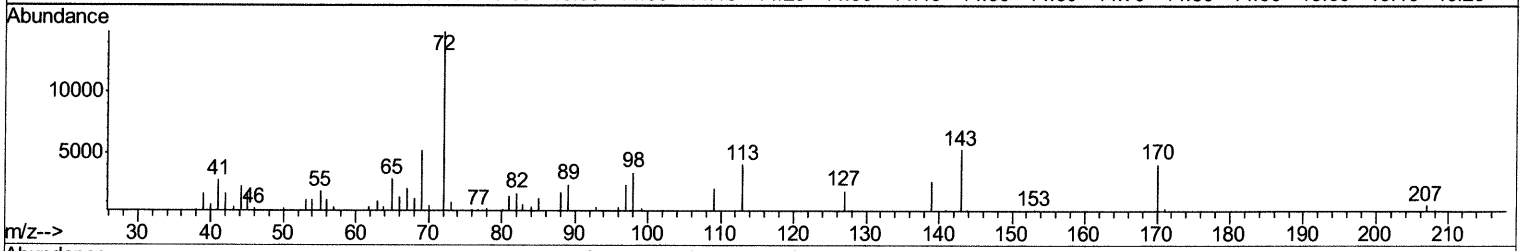
Data File : BM024994.D
Acq On : 21 Feb 2020 19:34
Operator : CG/JU
Sample : L1582-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

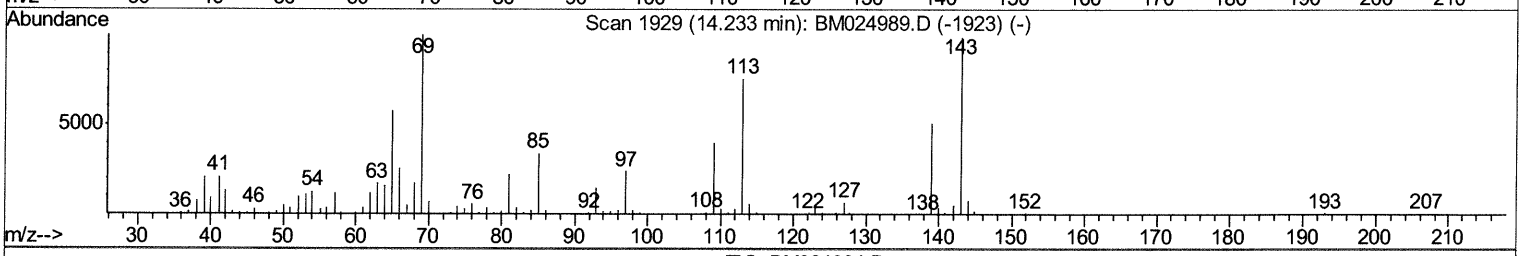
Quant Time: Feb 22 01:18:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ5MSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:34:55 PM







TIC: BM024994.D

(52) 4-Nitrophenol-d4 (S)

14.245min (+0.012) 2.11ng/ul

response 10091

Ion	Exp%	Act%
143.00	100	100
113.00	71.10	77.40
41.00	26.10	53.04#
42.00	18.80	32.38#

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

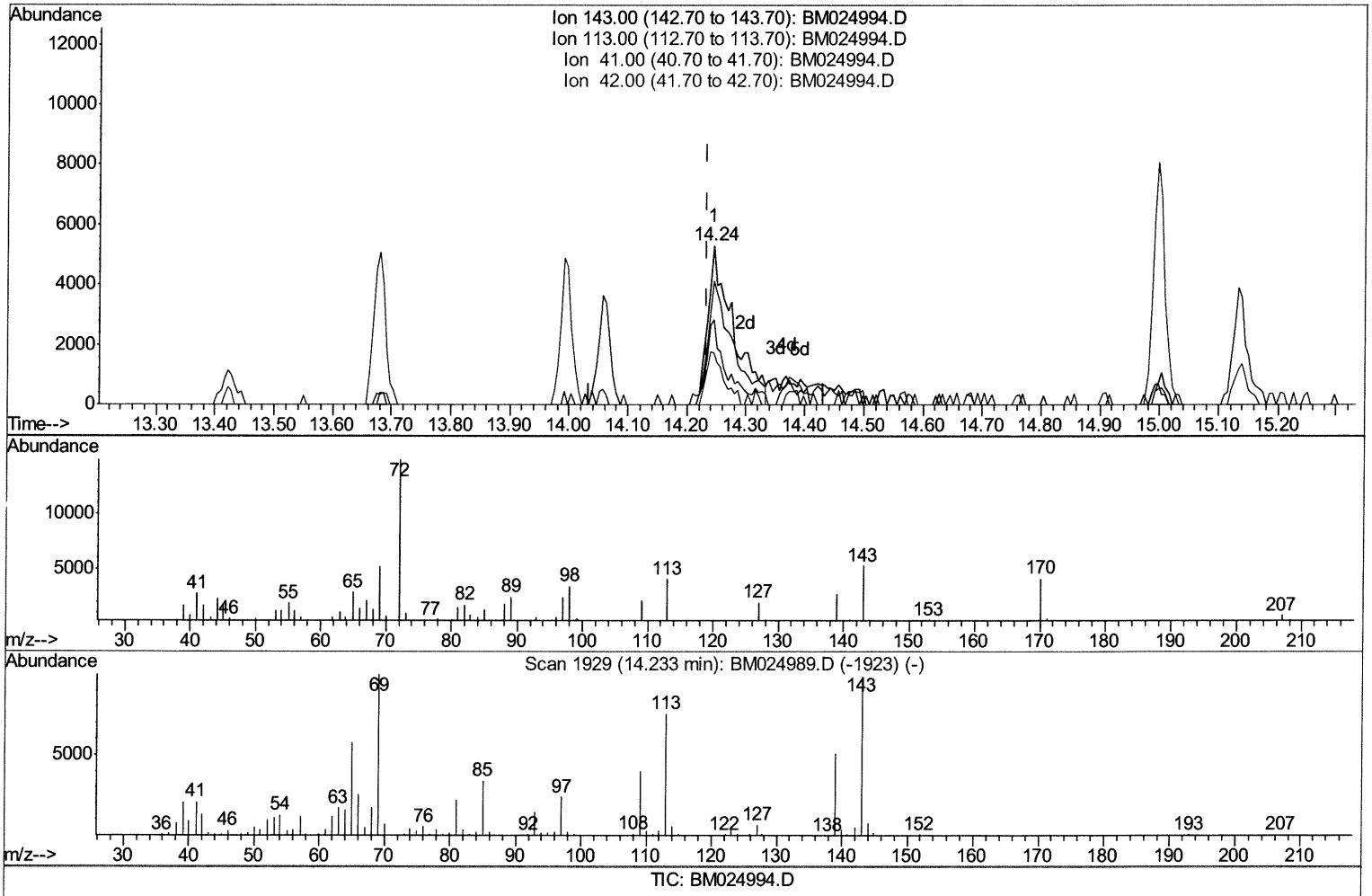
Quantitation Report (Qedit)

Data File : BM024994.D
Acq On : 21 Feb 2020 19:34
Operator : CG/JU
Sample : L1582-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 22 01:18:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ5MSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:34:55 PM



TIC: BM024994.D

(52) 4-Nitrophenol-d4 (S)

14.245min (+0.012) 3.33ng/ul m JU 02/25/20

response 15924

Ion	Exp%	Act%
143.00	100	100
113.00	71.10	77.40
41.00	26.10	53.04#
42.00	18.80	32.38#

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

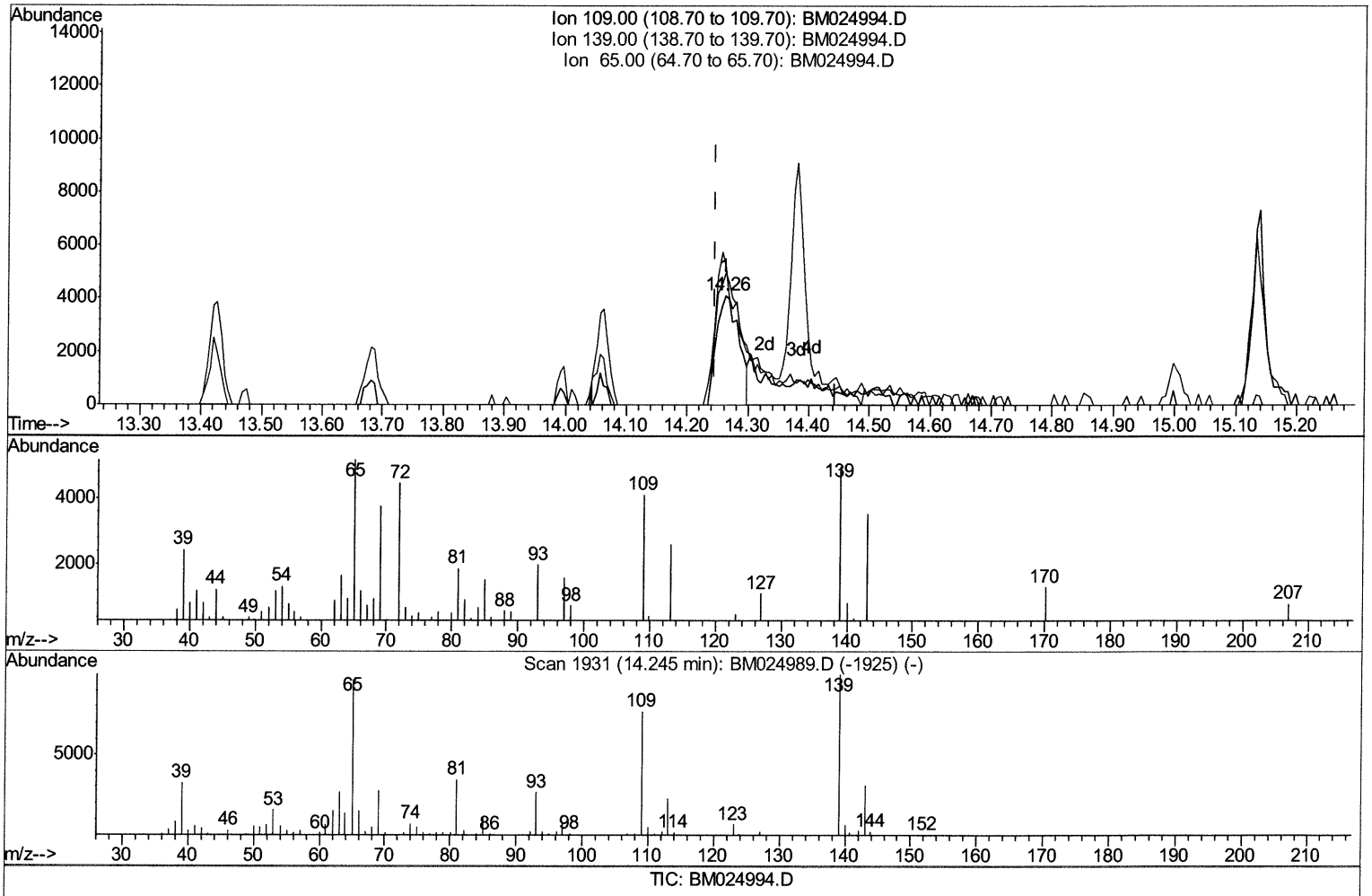
Quantitation Report (Qedit)

Data File : BM024994.D
Acq On : 21 Feb 2020 19:34
Operator : CG/JU
Sample : L1582-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 22 01:18:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ5MSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:34:55 PM



TIC: BM024994.D

(53) 4-Nitrophenol

14.263min (+0.018) 2.70ng/ul

response 10539

Ion	Exp%	Act%
109.00	100	100
139.00	129.80	121.09
65.00	108.70	125.90
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

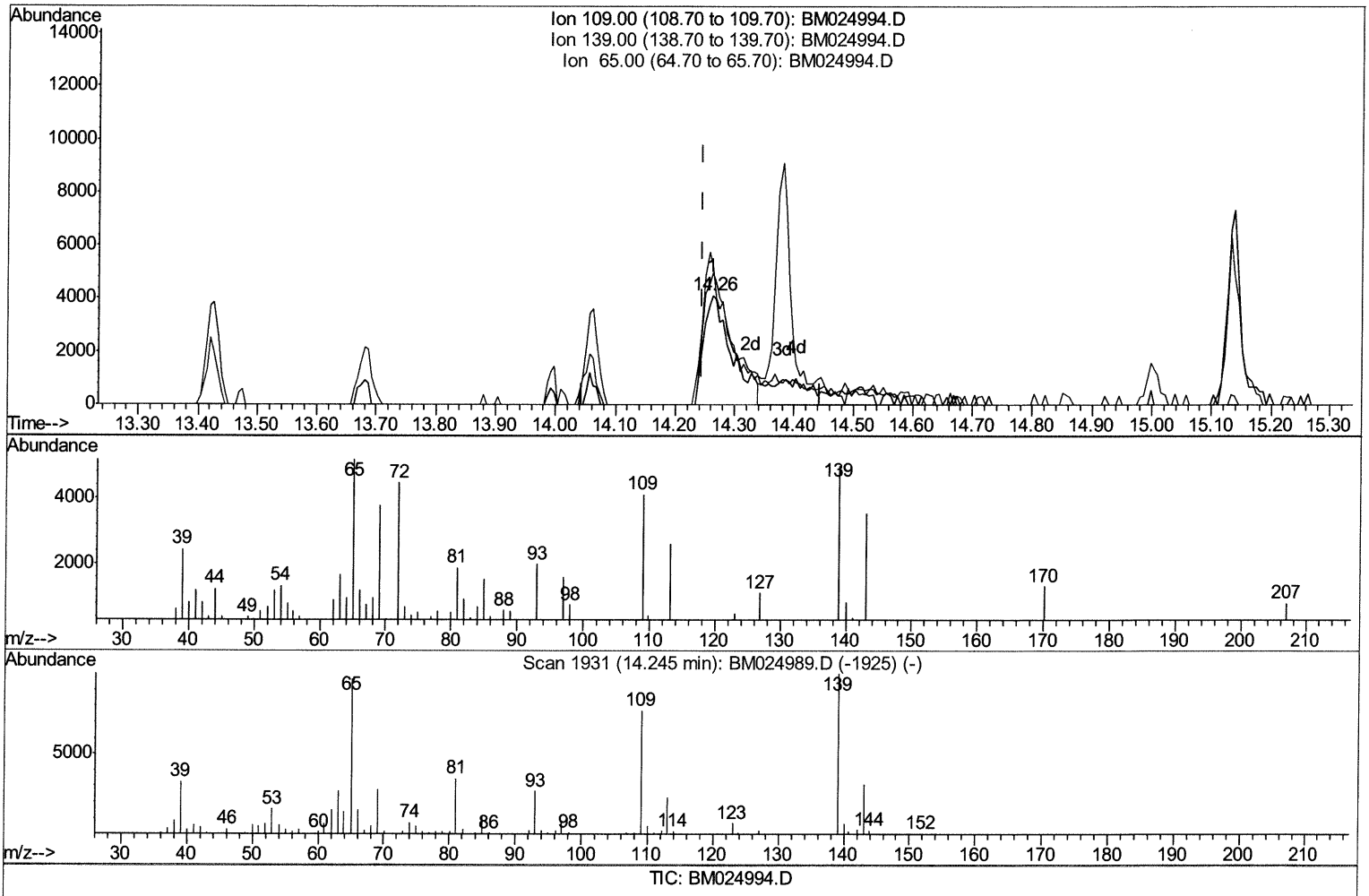
Quantitation Report (Qedit)

Data File : BM024994.D
Acq On : 21 Feb 2020 19:34
Operator : CG/JU
Sample : L1582-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 22 01:18:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDJ5MSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:34:55 PM



TIC: BM024994.D

(53) 4-Nitrophenol

14.263min (+0.018) 3.43ng/ul m JU 02/25/20

response 13400

Ion	Exp%	Act%
109.00	100	100
139.00	129.80	121.09
65.00	108.70	125.90
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (QT Reviewed)

Data File : BM024994.D
Acq On : 21 Feb 2020 19:34
Operator : CG/JU
Sample : L1582-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBDJ5MSD

Manual Integrations APPROVED
mohammad
2/24/2020 3:34:55 PM

Quant Time: Feb 22 01:38:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.34	152	150861	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.09	136	592191	20.00	ng/ul	0.00	
36) Acenaphthene-d10	14.00	164	389870	20.00	ng/ul	0.00	
62) Phenanthrene-d10	16.75	188	888231	20.00	ng/ul	0.00	
78) Chrysene-d12	20.97	240	938341	20.00	ng/ul	0.00	
86) Perylene-d12	23.04	264	1165671	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.95	96	24852	7.92	ng/uL	0.00	
5) Phenol-d5	6.55	99	63086	6.29	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.69	67	191305	33.80	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.88	132	211973	23.61	ng/ul	0.00	
13) 4-Methylphenol-d8	8.06	113	121266	14.34	ng/ul	0.00	
19) Nitrobenzene-d5	8.48	128	123852	28.92	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.19	143	138894	27.45	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.73	165	255795	25.06	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.26	131	15434m>	1.62	ng/ul >	0.02	JU 02/25/20
44) Dimethylphthalate-d6	13.42	166	960515	32.64	ng/ul	0.00	
47) Acenaphthylene-d8	13.68	160	1103483	32.11	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.24	143	15924m >	3.33	ng/ul >	0.01	JU 02/25/20
58) Fluorene-d10	15.00	176	851326	32.67	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.14	200	143806	24.84	ng/ul	0.00	
71) Anthracene-d10	16.85	188	1381127	34.06	ng/ul	0.00	
79) Pyrene-d10	19.16	212	1710270	36.44	ng/ul	0.00	
90) Benzo(a)pyrene-d12	22.91	264	2020713	34.52	ng/ul	0.00	
Target Compounds						Qvalue	
6) Phenol	6.57	94	83639	7.929	ng/ul	93	
10) 2-Chlorophenol	6.91	128	220186	24.053	ng/ul	97	
15) N-Nitroso-di-n-propylamine	8.15	70	237229	37.664	ng/ul#	82	
33) 4-Chloro-3-methylphenol	11.40	107	247617	26.474	ng/ul	96	
45) Dimethylphthalate	13.47	163	37753	1.230	ng/ul#	97	
50) Acenaphthene	14.06	153	759266	31.582	ng/ul	99	
53) 4-Nitrophenol	14.26	109	13400m >	3.431	ng/ul >		JU 02/25/20
55) 2,4-Dinitrotoluene	14.38	165	262339	29.610	ng/ul	96	
69) Pentachlorophenol	16.42	266	232358	29.522	ng/ul	98	
80) Pyrene	19.19	202	2181402	35.121	ng/ul	96	

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