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

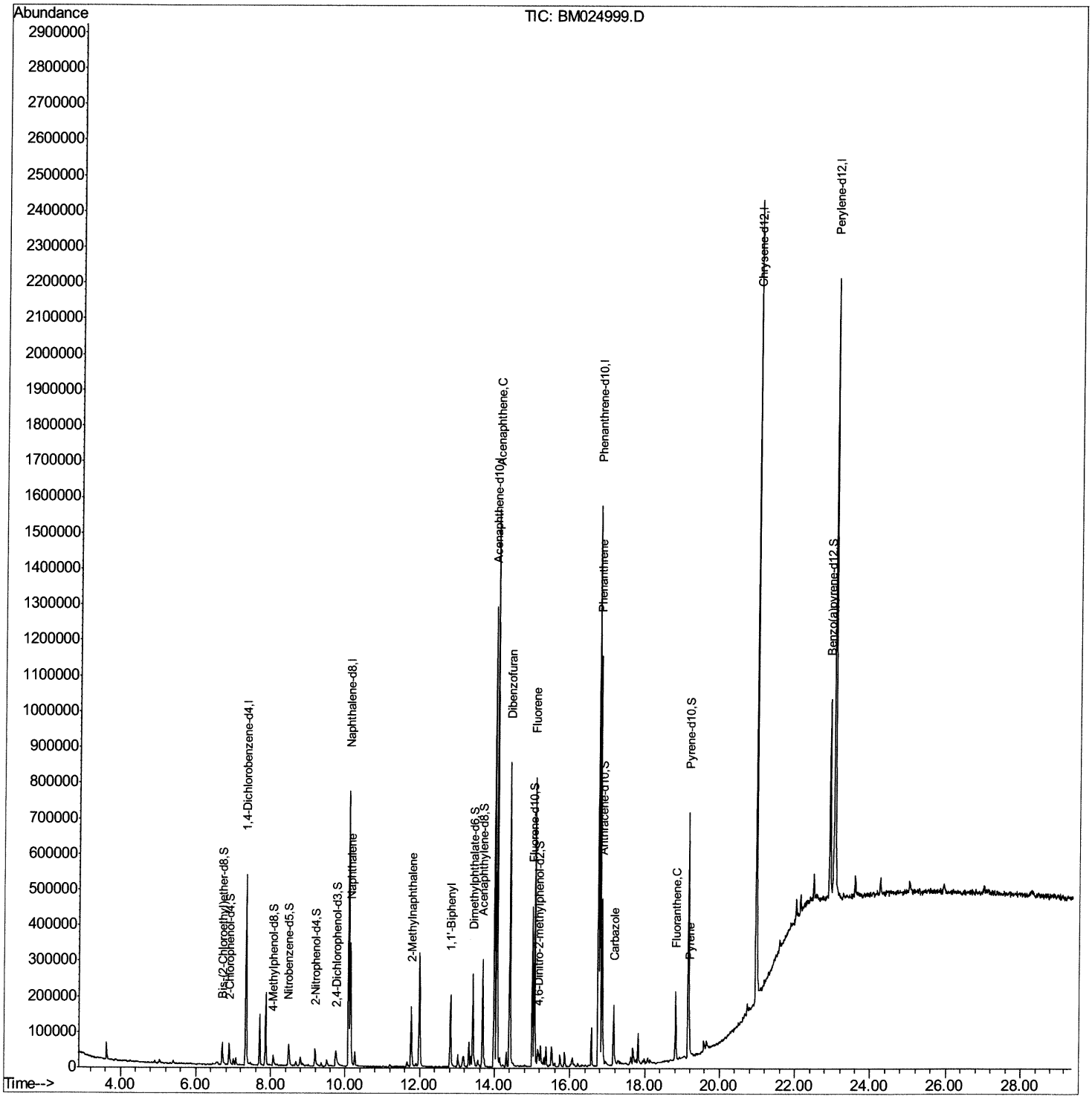
Quantitation Report (QT Reviewed)

Data File : BM024999.D
Acq On : 21 Feb 2020 22:34
Operator : CG/JU
Sample : L1486-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 02:43:16 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 :
DBCX2DL

Manual Integrations APPROVED
mohammad
2/24/2020 3:31:08 PM



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

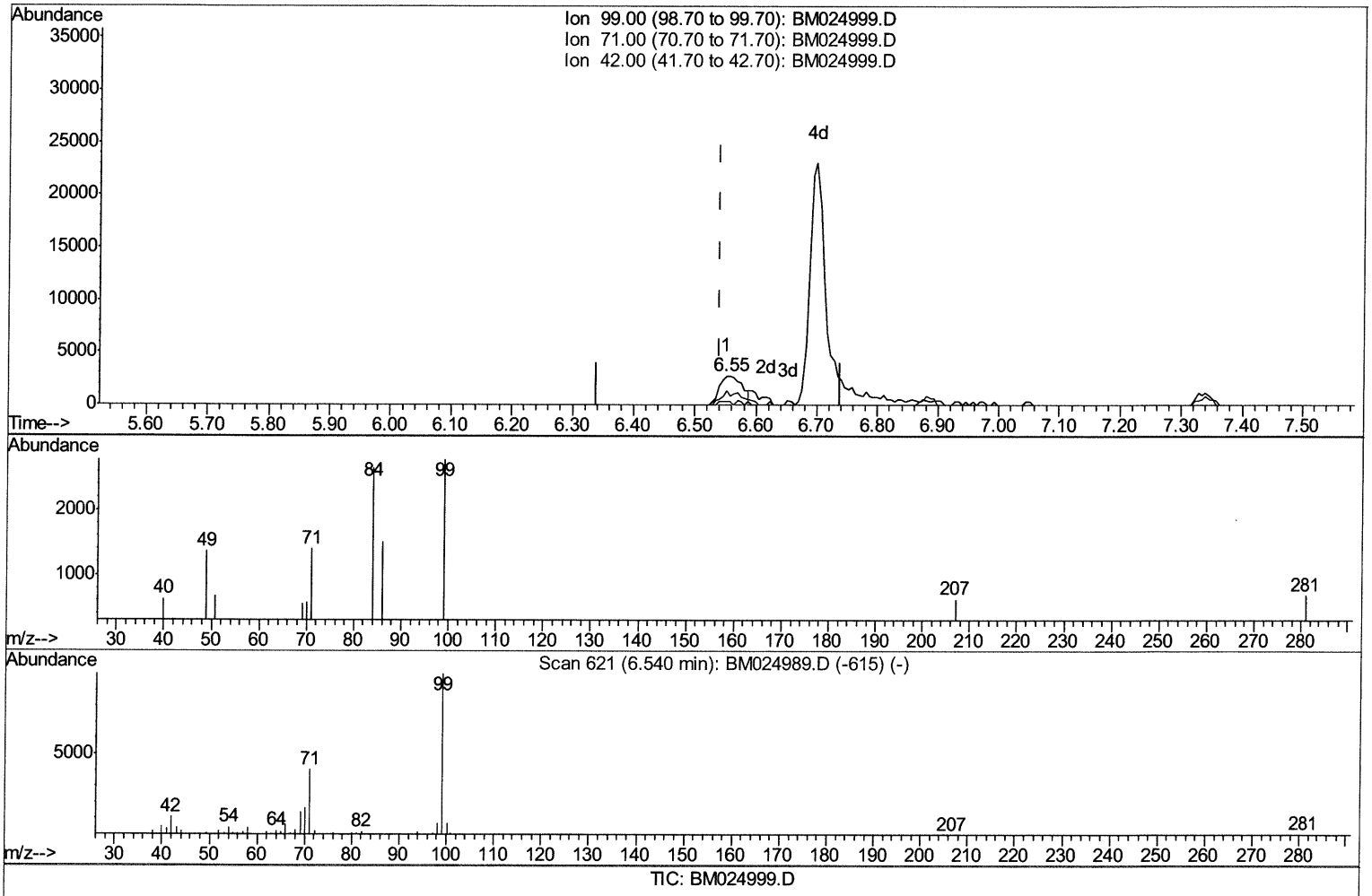
Quantitation Report (Qedit)

Data File : BM024999.D
Acq On : 21 Feb 2020 22:34
Operator : CG/JU
Sample : L1486-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 01:19:28 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 :
DBCX2DL

Manual Integrations APPROVED
mohammad
2/24/2020 3:31:08 PM



TIC: BM024999.D

(5) Phenol-d5 (S)

6.552min (+0.012) 0.67ng/ul

response 7211

Ion	Exp%	Act%
99.00	100	100
71.00	36.40	50.45#
42.00	14.20	11.51
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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BNA_M
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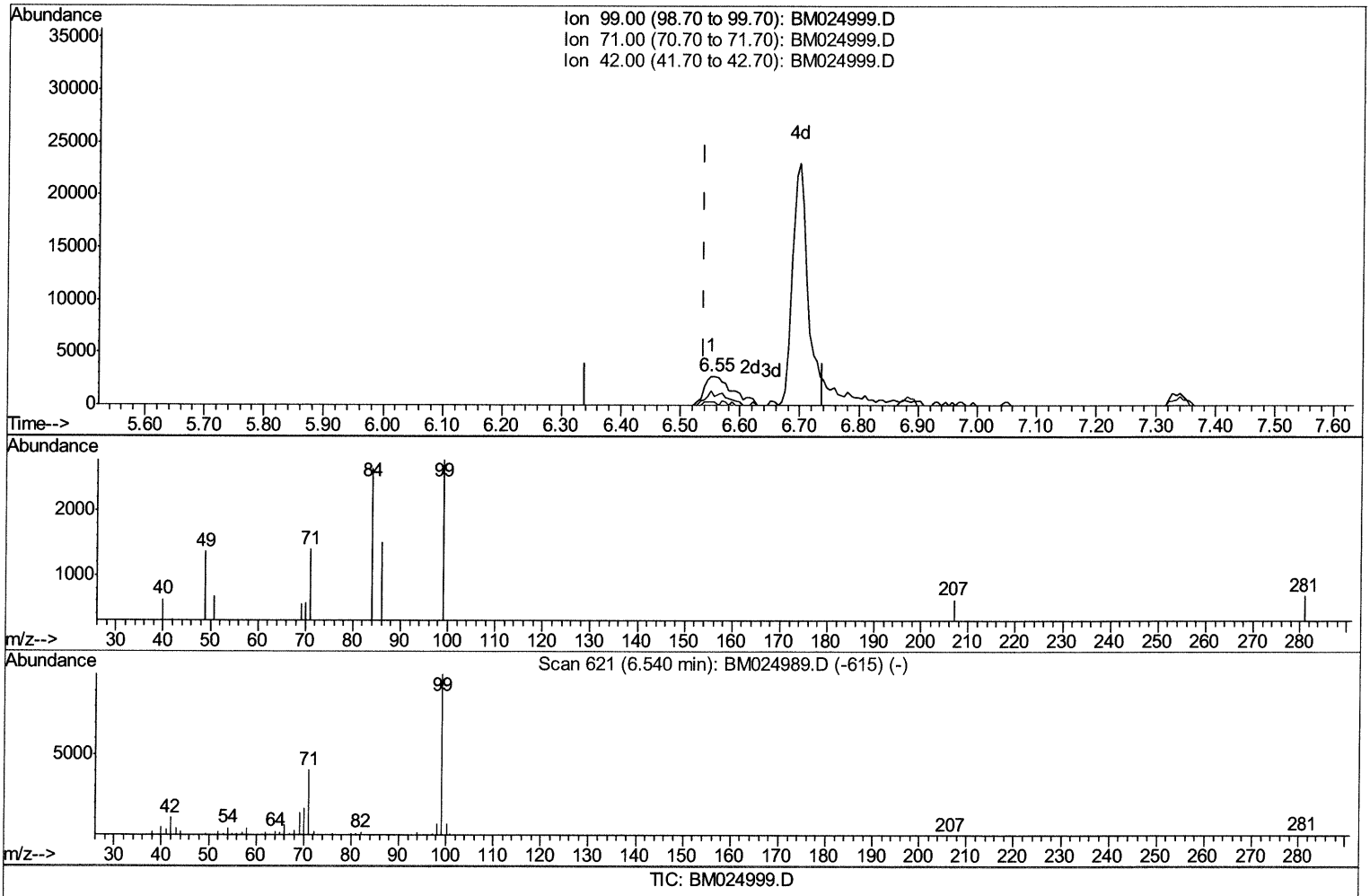
DBCX2DL

Manual Integrations APPROVED
mohammad
2/24/2020 3:31:08 PM



TIC: BM024999.D

(5) Phenol-d5 (S)

6.552min (+0.012) 0.84ng/ul m JU 02/25/20

response 9007

Ion	Exp%	Act%
99.00	100	100
71.00	36.40	50.45#
42.00	14.20	11.51
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BM024999.D
Acq On : 21 Feb 2020 22:34
Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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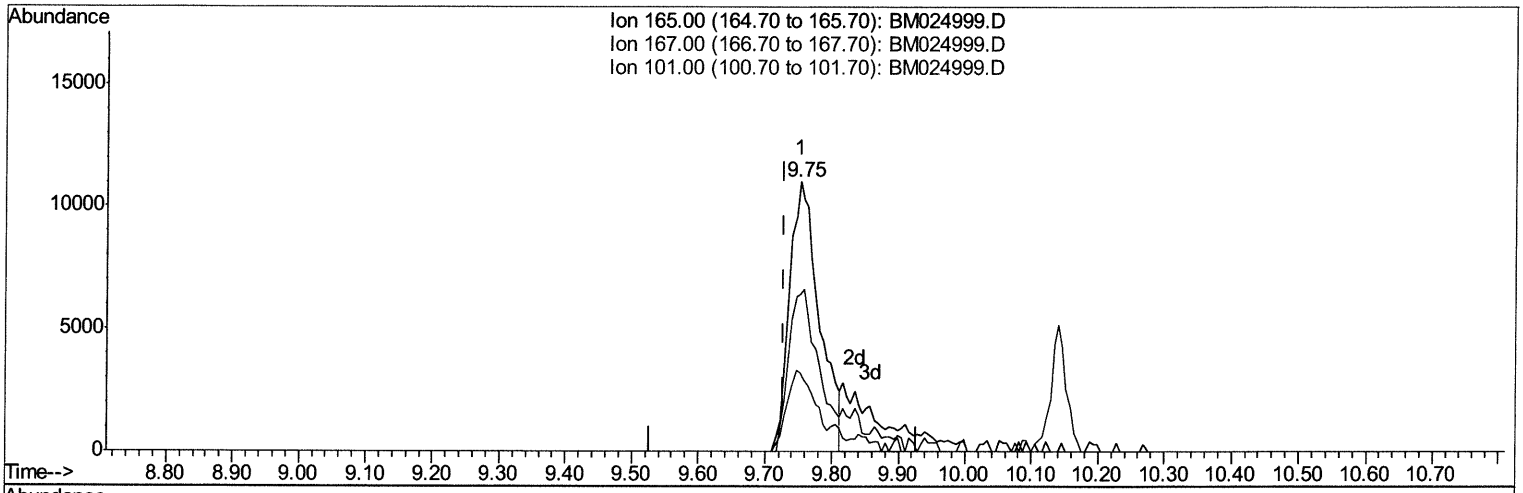
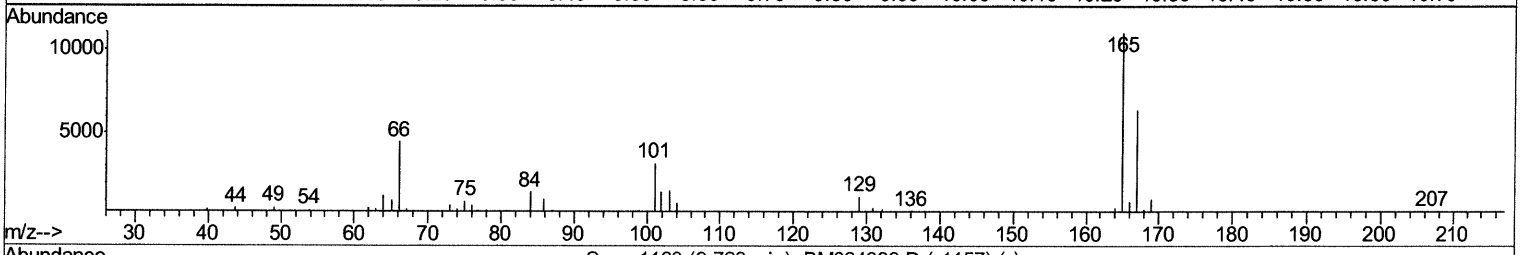
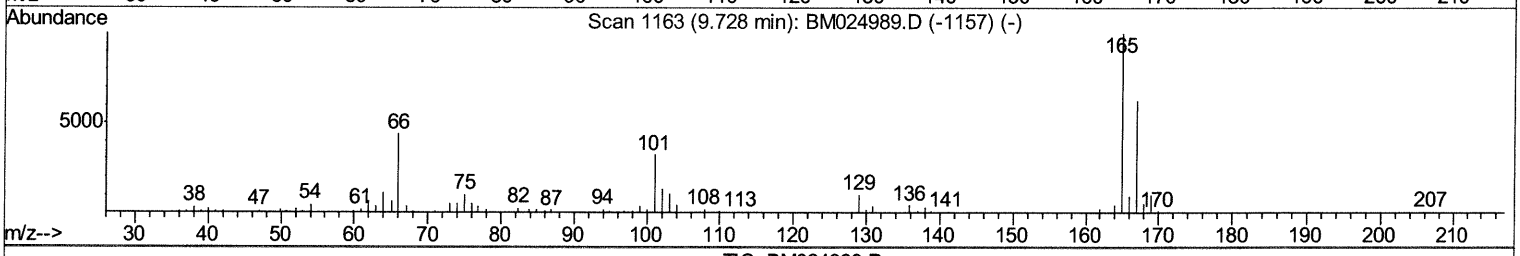
BNA_M
ClientSampleId :
DBCX2DL

Manual Integrations APPROVED
mohammad
2/24/2020 3:31:08 PM







TIC: BM024999.D

(26) 2,4-Dichlorophenol-d3 (S)

9.752min (+0.024) 3.05ng/ul

response 34283

Ion	Exp%	Act%
165.00	100	100
167.00	66.40	58.35
101.00	30.80	29.03
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BM024999.D
Acq On : 21 Feb 2020 22:34
Operator : CG/JU
Sample : L1486-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 01:19:28 2020
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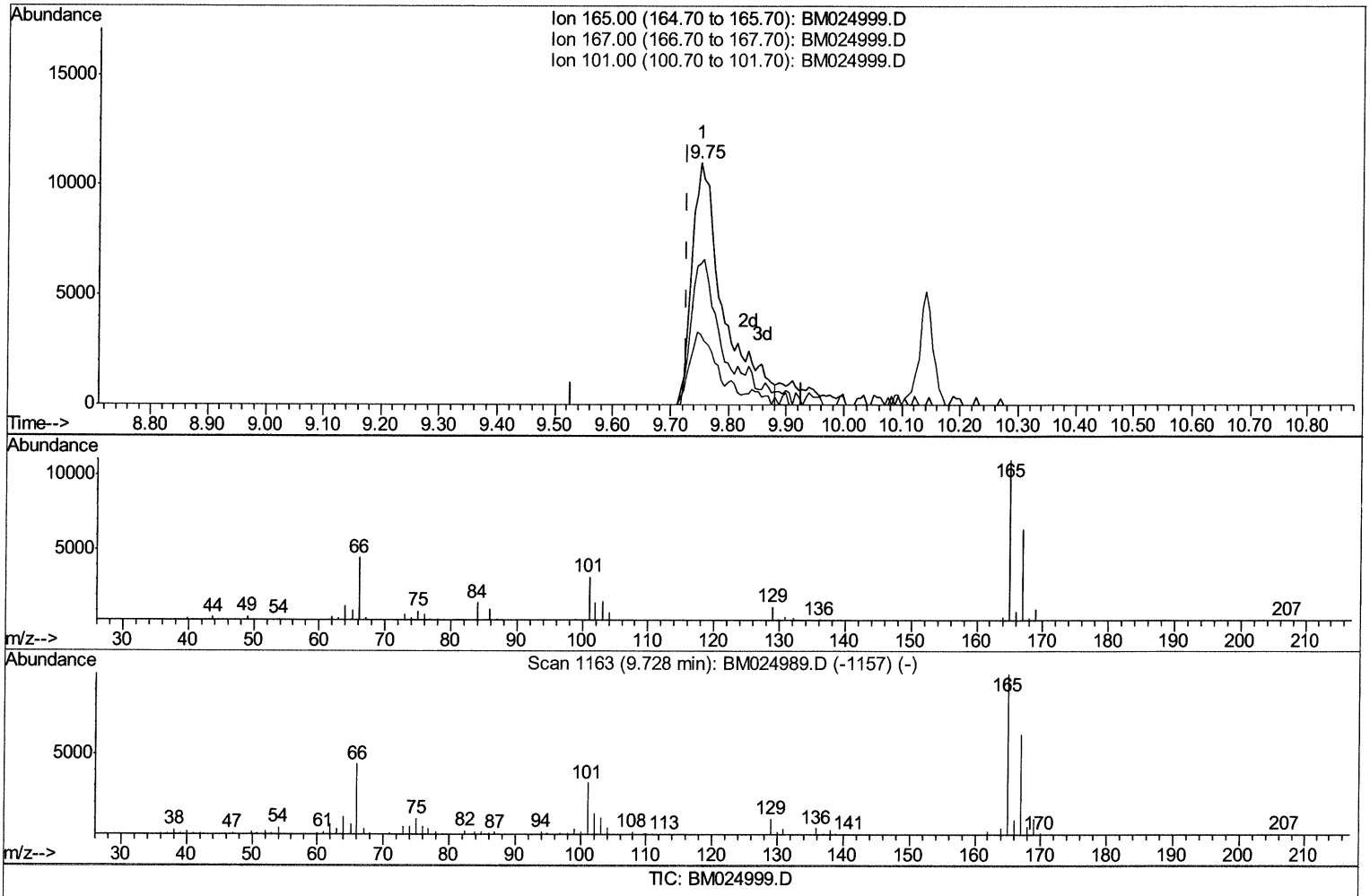
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBCX2DL

Manual Integrations APPROVED
mohammad
2/24/2020 3:31:08 PM



TIC: BM024999.D

(26) 2,4-Dichlorophenol-d3 (S)

9.752min (+0.024) 3.70ng/ul m JU 02-/23/20

response 41620

Ion	Exp%	Act%
165.00	100	100
167.00	66.40	58.35
101.00	30.80	29.03
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BM024999.D
Acq On : 21 Feb 2020 22:34
Operator : CG/JU
Sample : L1486-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 01:19:28 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
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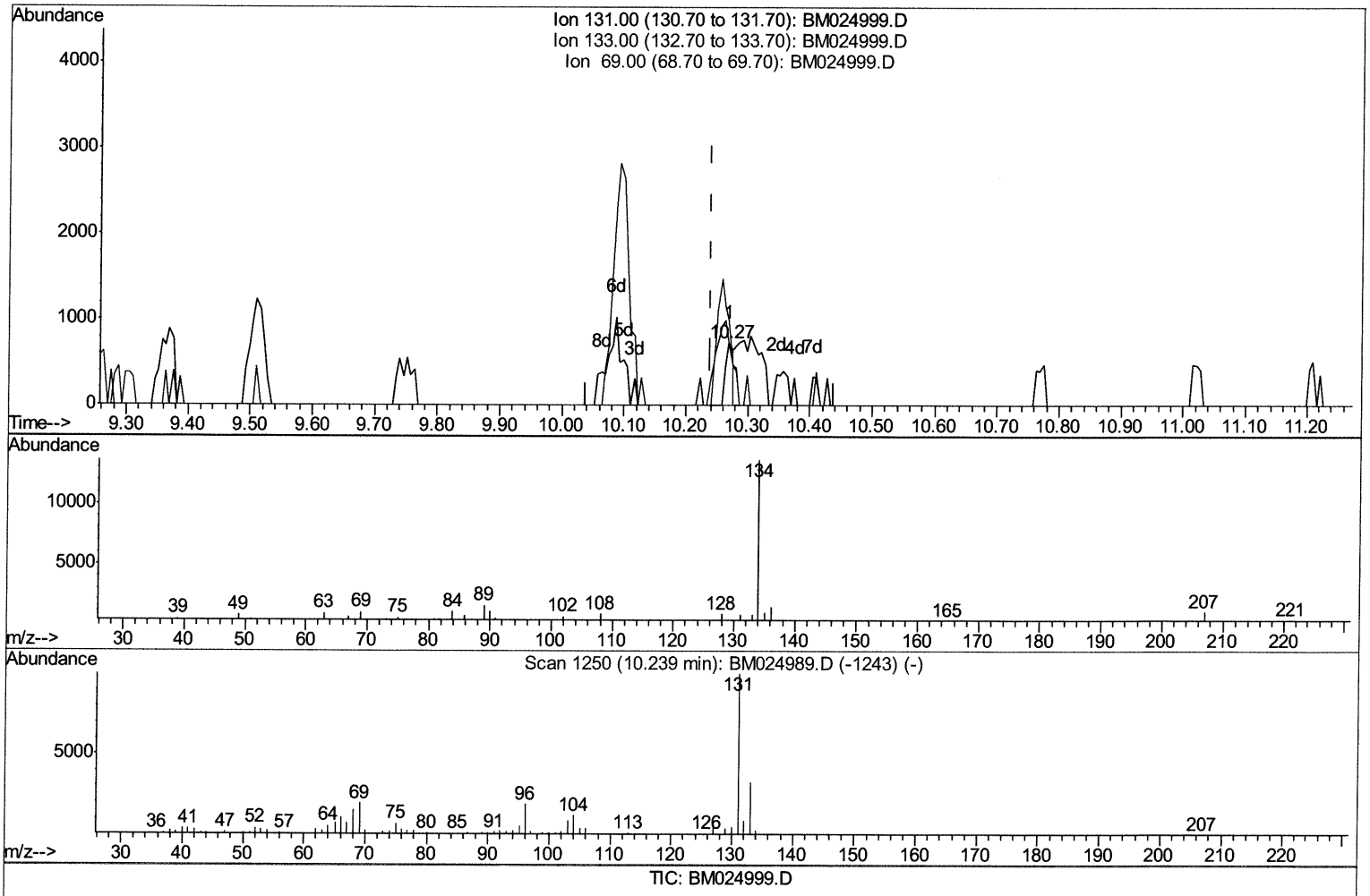
Instrument :
BNA_M
ClientSampleId :
DBCX2DL

Manual Integrations APPROVED
mohammad
2/24/2020 3:31:08 PM



TIC: BM024999.D

(29) 4-Chloroaniline-d4 (S)

10.269min (+0.030) 0.06ng/ul

response 643

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	99.73#
69.00	16.20	135.03#
0.00	0.00	0.00

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

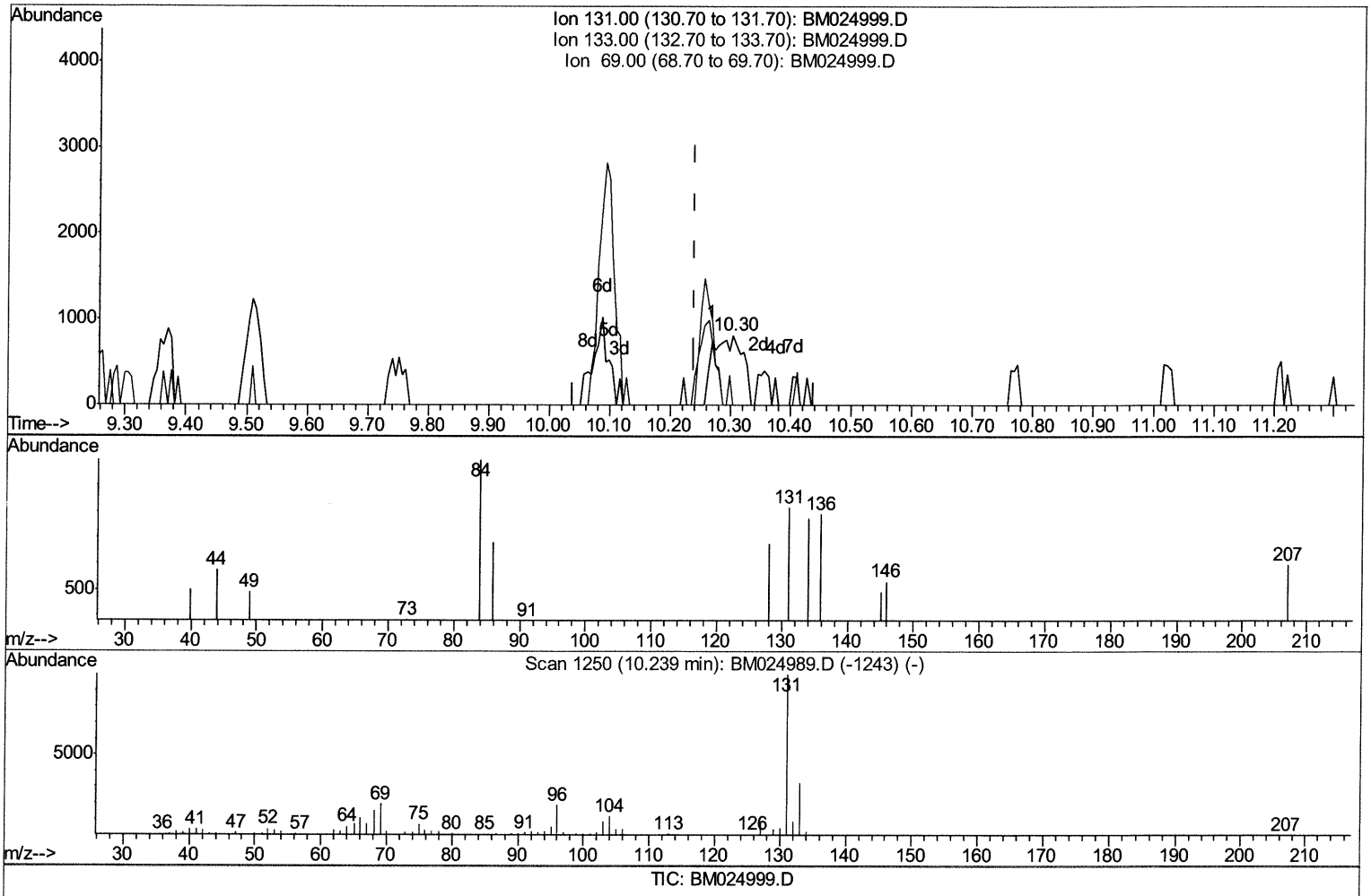
Quantitation Report (Qedit)

Data File : BM024999.D
Acq On : 21 Feb 2020 22:34
Operator : CG/JU
Sample : L1486-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 01:19:28 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 :
DBCX2DL

Manual Integrations APPROVED
mohammad
2/24/2020 3:31:08 PM



TIC: BM024999.D

(29) 4-Chloroaniline-d4 (S)

10.304min (+0.065) 0.26ng/ul m JU 02/25/20

response 2748

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

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

Quantitation Report (QT Reviewed)

Data File : BM024999.D
Acq On : 21 Feb 2020 22:34
Operator : CG/JU
Sample : L1486-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 02:43:16 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBCX2DL

Manual Integrations APPROVED
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2/24/2020 3:31:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.34	152	161101	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.09	136	652868	20.00	ng/ul	0.00	
36) Acenaphthene-d10	13.99	164	435172	20.00	ng/ul	0.00	
62) Phenanthrene-d10	16.75	188	979783	20.00	ng/ul	0.00	
78) Chrysene-d12	20.96	240	1070003	20.00	ng/ul	0.00	
86) Perylene-d12	23.04	264	1296997	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.96	96	1082	0.32	ng/uL	0.02	
5) Phenol-d5	6.55	99	9007m	0.84	ng/ul	0.01	JU 02/25/20
7) Bis-(2-Chloroethyl)ether-d	6.70	67	32905	5.44	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.88	132	35840	3.74	ng/ul	0.00	
13) 4-Methylphenol-d8	8.08	113	14515	1.61	ng/ul	0.02	
19) Nitrobenzene-d5	8.49	128	20656	4.38	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.20	143	20754	3.72	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.75	165	41620m	3.70	ng/ul	0.02	JU 02/25/20
29) 4-Chloroaniline-d4	10.30	131	2748m	0.26	ng/ul	0.07	
44) Dimethylphthalate-d6	13.42	166	202474	6.16	ng/ul	0.00	
47) Acenaphthylene-d8	13.68	160	222924	5.81	ng/ul	0.00	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul		
58) Fluorene-d10	15.00	176	187675	6.45	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.15	200	15747	2.47	ng/ul	0.00	
71) Anthracene-d10	16.85	188	287531	6.43	ng/ul	0.00	
79) Pyrene-d10	19.16	212	362053	6.76	ng/ul	0.00	
90) Benzo(a)pyrene-d12	22.91	264	419044	6.43	ng/ul	0.00	
Target Compounds						Qvalue	
28) Naphthalene	10.14	128	296232	8.880	ng/ul	98	
34) 2-Methylnaphthalene	11.77	142	100069	4.072	ng/ul	98	
41) 1,1'-Biphenyl	12.82	154	134085	4.174	ng/ul#	98	
50) Acenaphthene	14.06	153	640194	23.857	ng/ul	96	
54) Dibenzofuran	14.40	168	624530	15.613	ng/ul	99	
59) Fluorene	15.06	166	389112	11.803	ng/ul	99	
70) Phenanthrene	16.79	178	690701	12.929	ng/ul	99	
75) Carbazole	17.16	167	137239	3.041	ng/ul	98	
77) Fluoranthene	18.82	202	128058	1.953	ng/ul#	95	
80) Pyrene	19.19	202	76384	1.078	ng/ul#	97	

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