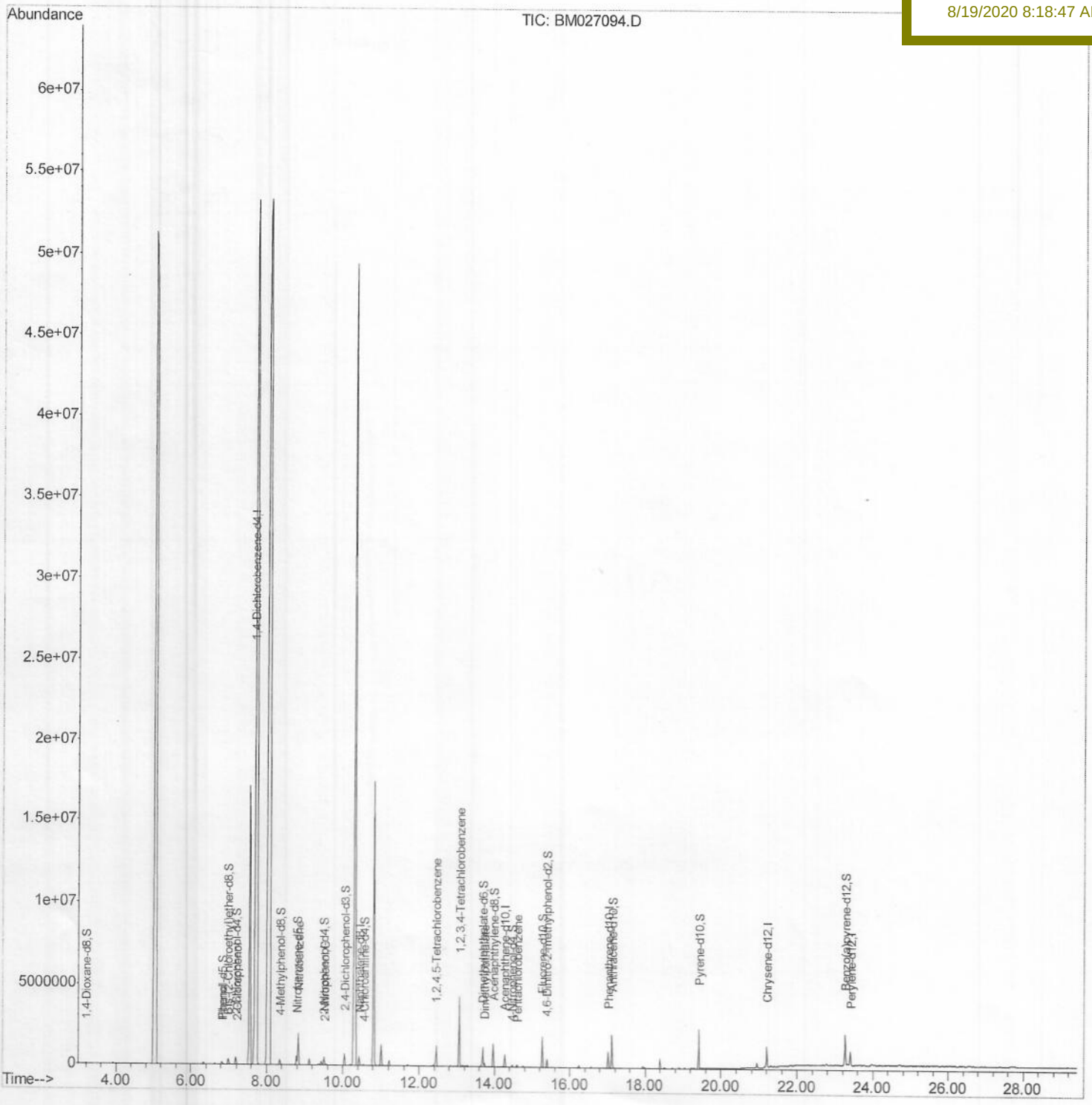
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081320\
Data File : BM027094.D
Acq On : 14 Aug 2020 18:30
Operator : JU/CG
Sample : L3684-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 17 07:21:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0F94

Manual Integrations APPROVED
mohammad
8/19/2020 8:18:47 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081320\
Data File : BM027094.D
Acq On : 14 Aug 2020 18:30
Operator : JU/CG
Sample : L3684-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 17 05:21:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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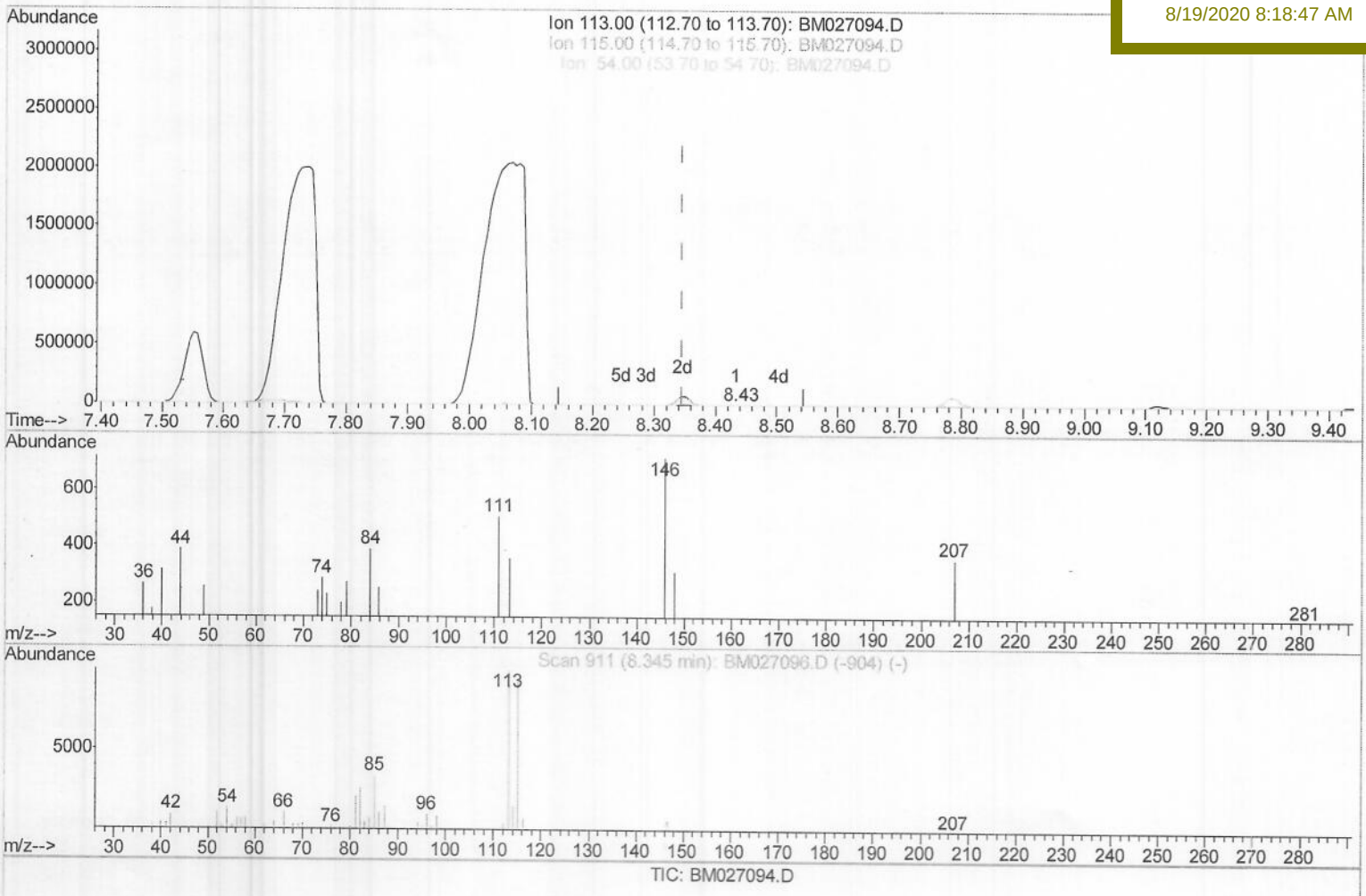

TIC: BM027094.D

(13) 4-Methylphenol-d8 (S)

8.434min (+0.088) 0.02ng/ul

response 181

Ion	Exp%	Act%
113.00	100	100
115.00	90.80	0.00#
54.00	15.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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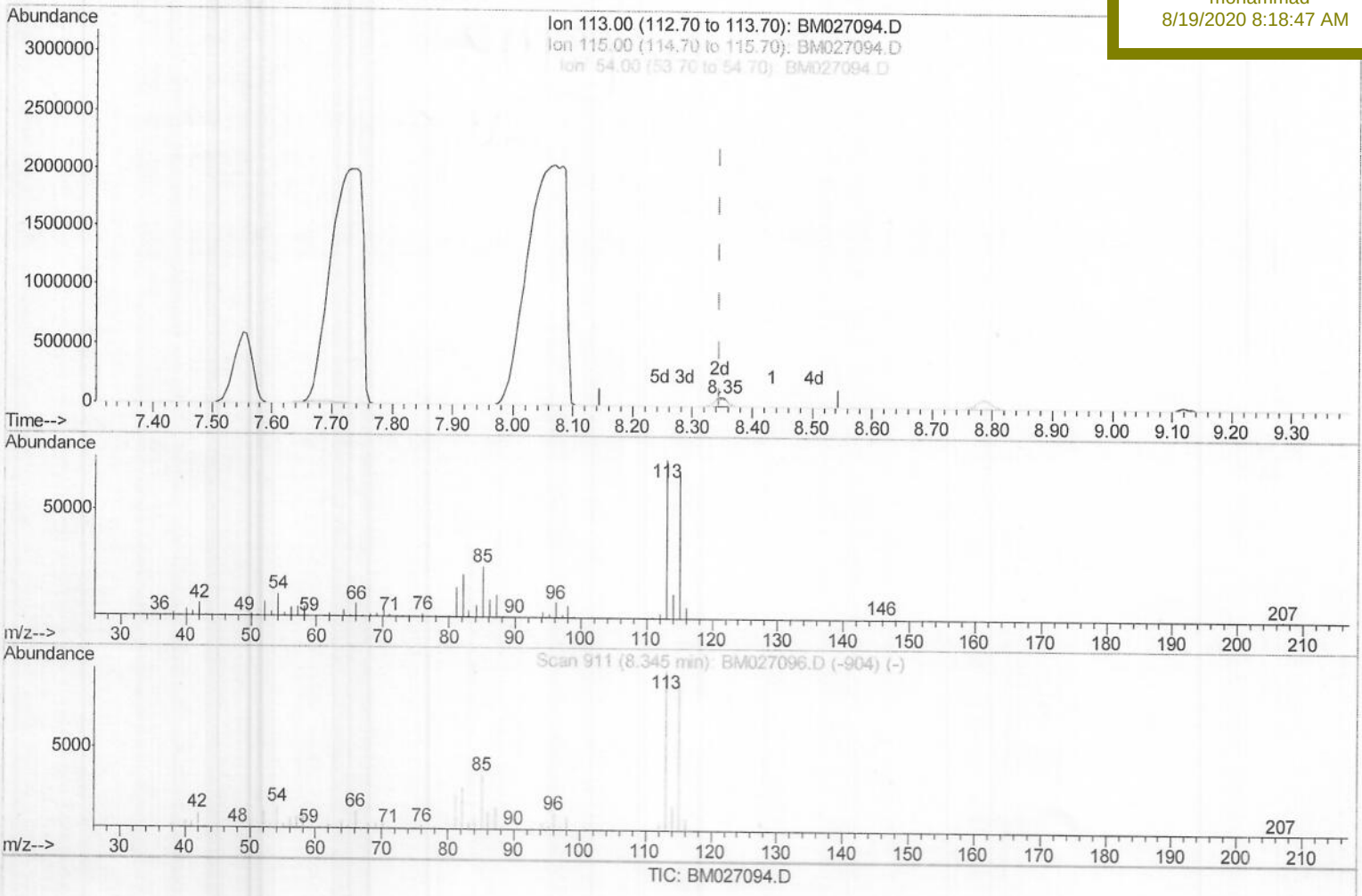
Manual Integrations APPROVED
mohammad
8/19/2020 8:18:47 AM



TIC: BM027094.D

(13) 4-Methylphenol-d8 (S)

8.345min (+0.000) 15.70ng/ul m 08/25/20 JU

response 114224

Ion	Exp%	Act%
113.00	100	100
115.00	90.80	92.64
54.00	15.30	14.06
0.00	0.00	0.00

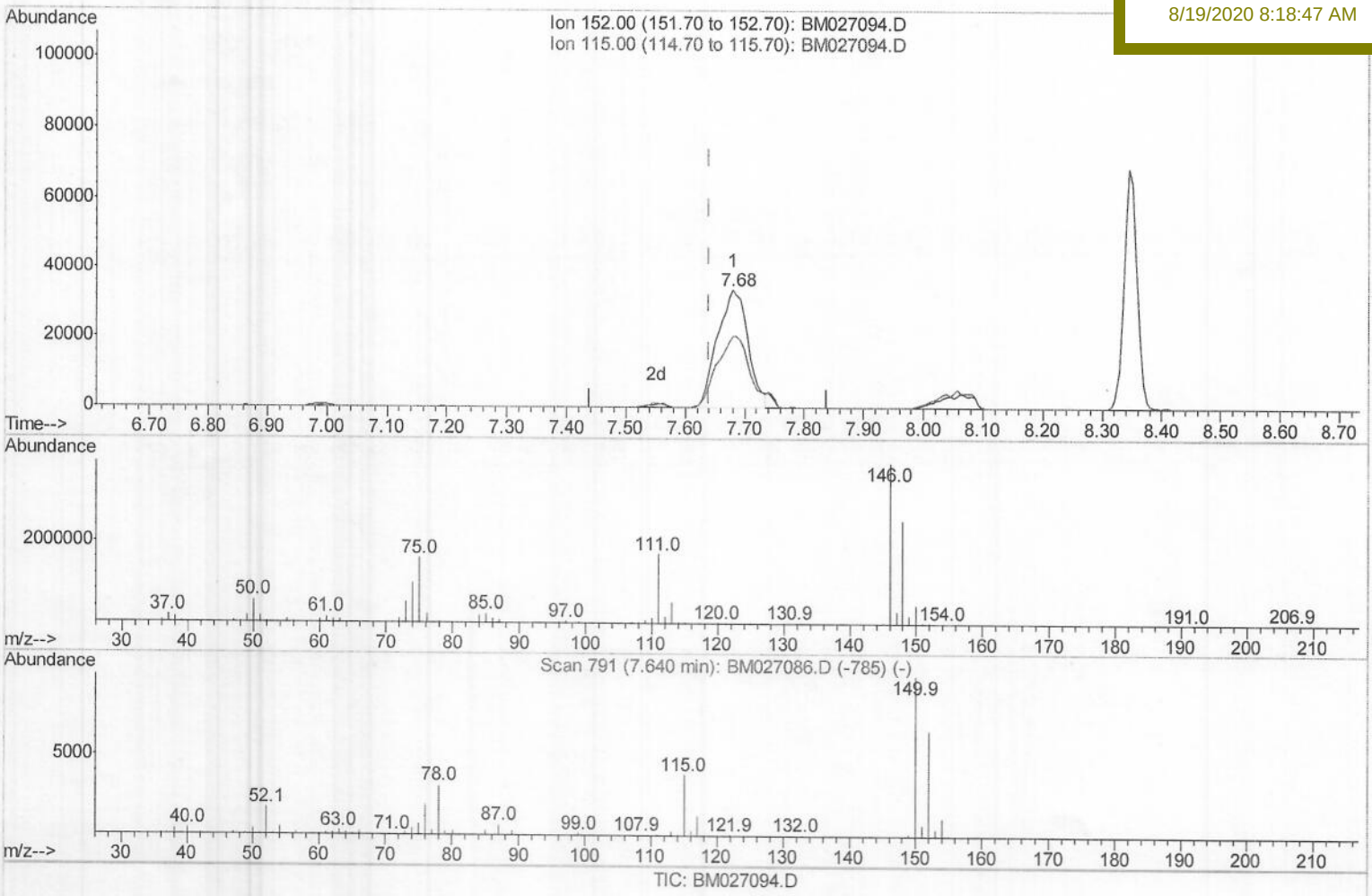
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081320\
Data File : BM027094.D
Acq On : 14 Aug 2020 18:30
Operator : JU/CG
Sample : L3684-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 17 05:25:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0F94

Manual Integrations APPROVED
mohammad
8/19/2020 8:18:47 AM



TIC: BM027094.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.681min (+0.041) 20.00ng/ul

response 120036

Ion	Exp%	Act%
152.00	100	100
115.00	63.10	60.90
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081320\
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Acq On : 14 Aug 2020 18:30
Operator : JU/CG
Sample : L3684-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 17 05:25:56 2020
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Quant Title : SVOA CALIBRATION
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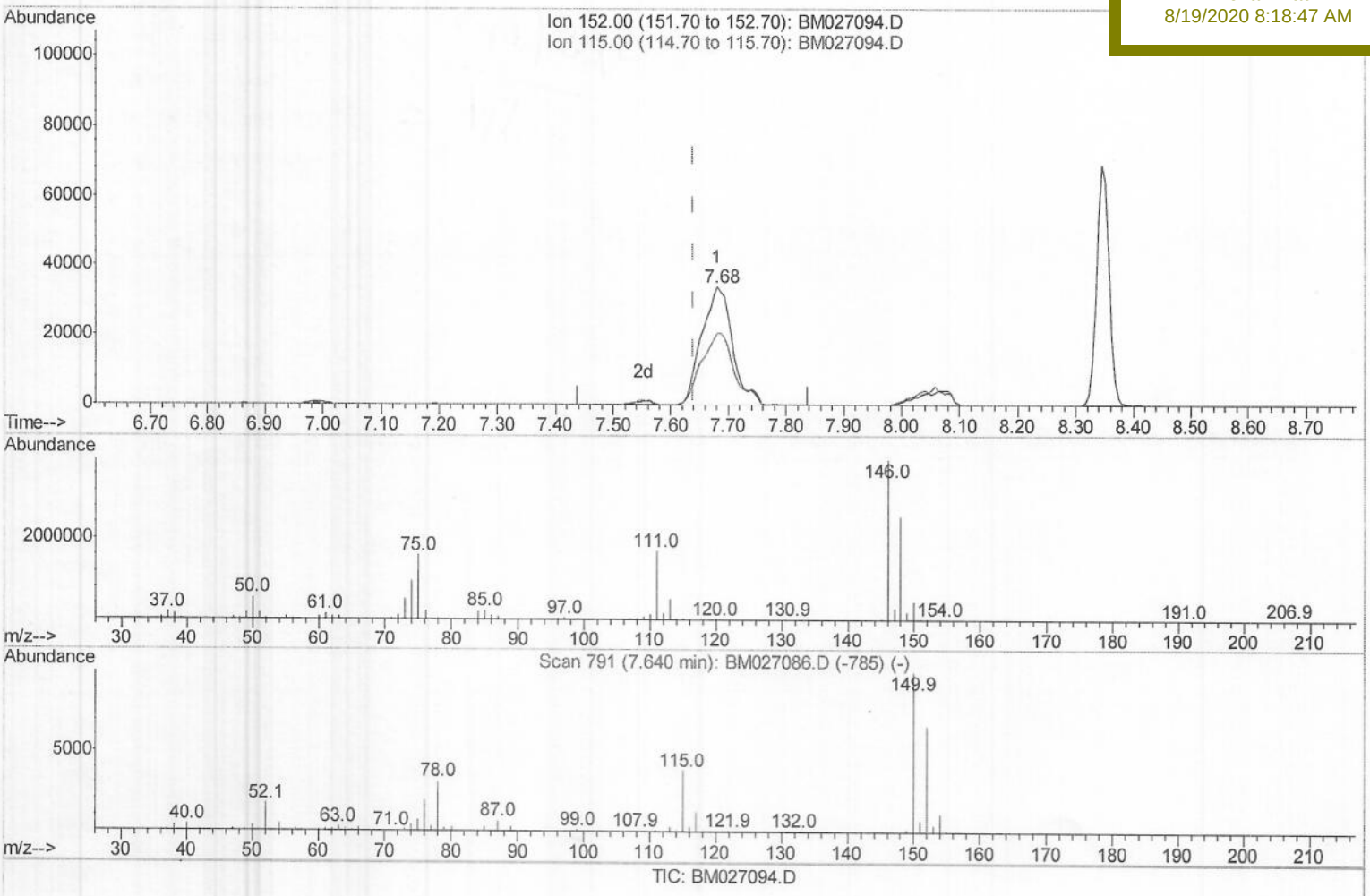
Instrument :
BNA_M
ClientSampleId :
C0F94

Manual Integrations APPROVED
mohammad
8/19/2020 8:18:47 AM



TIC: BM027094.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.681min (+0.041) 20.00ng/ul m 08/25/20 JU

response 123381

Ion	Exp%	Act%
152.00	100	100
115.00	63.10	60.90
0.00	0.00	0.00
0.00	0.00	0.00

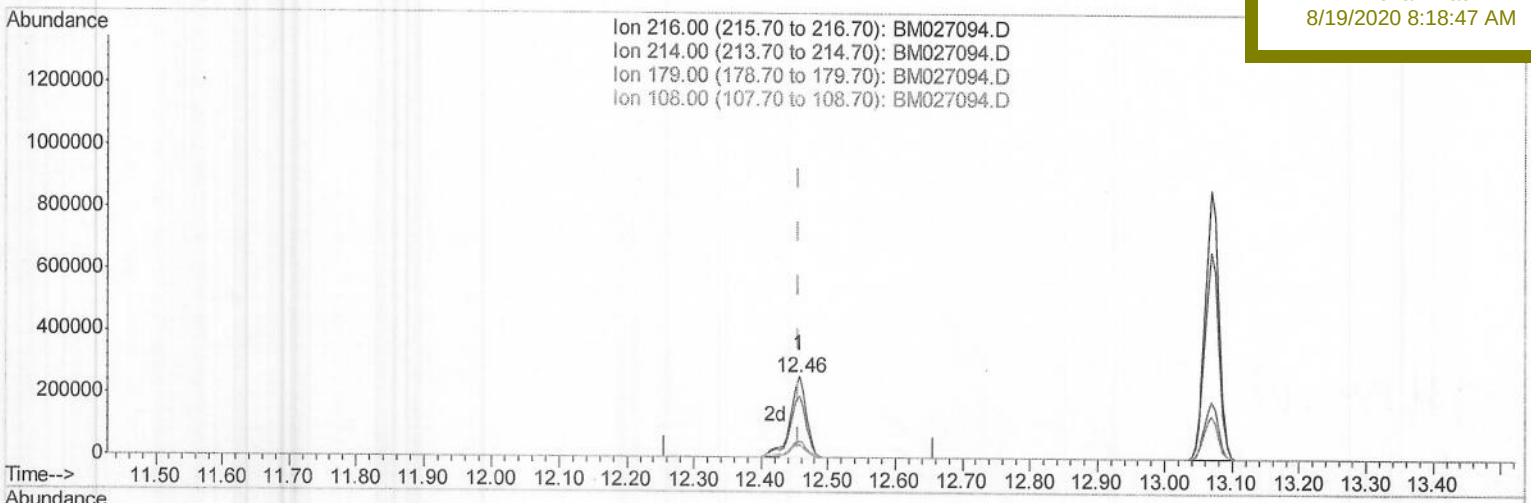
Quantitation Report (Qedit)

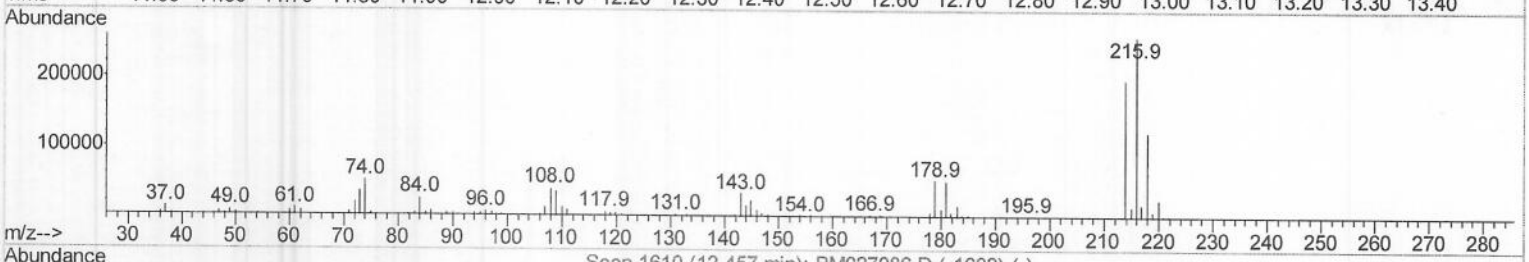
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081320\
Data File : BM027094.D
Acq On : 14 Aug 2020 18:30
Operator : JU/CG
Sample : L3684-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

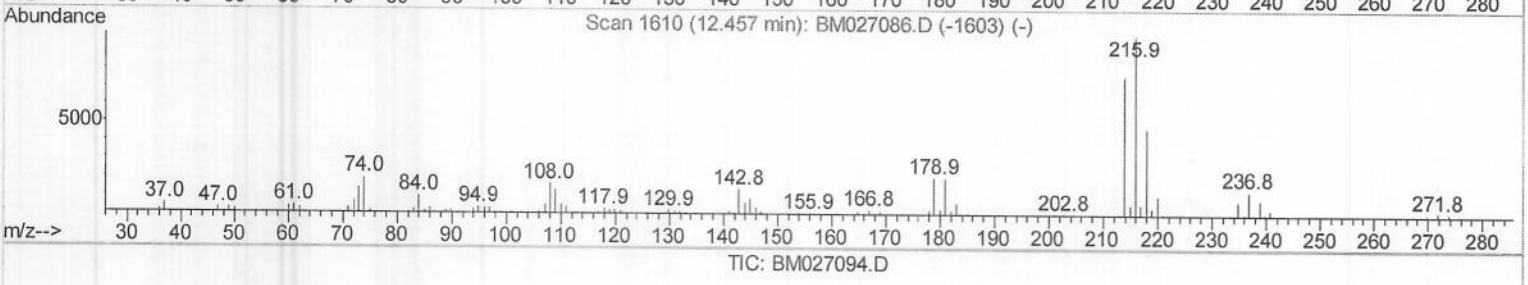
Quant Time: Aug 17 07:19:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0F94

Manual Integrations APPROVED
mohammad
8/19/2020 8:18:47 AM







TIC: BM027094.D

(37) 1,2,4,5-Tetrachlorobenzene

12.457min (+0.000) 40.95ng/ul

response 397608

Ion	Exp%	Act%
216.00	100	100
214.00	76.80	76.10
179.00	21.00	20.29
108.00	17.10	15.38

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081320\
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Acq On : 14 Aug 2020 18:30
Operator : JU/CG
Sample : L3684-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 17 07:19:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
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QLast Update : Thu Aug 13 11:47:07 2020
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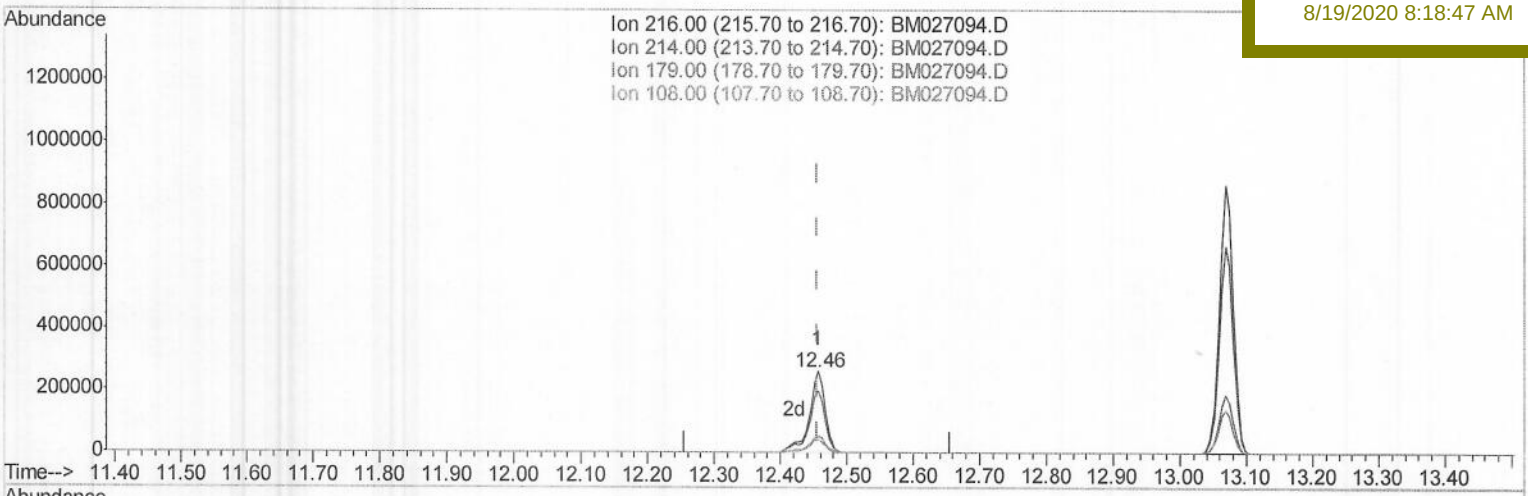
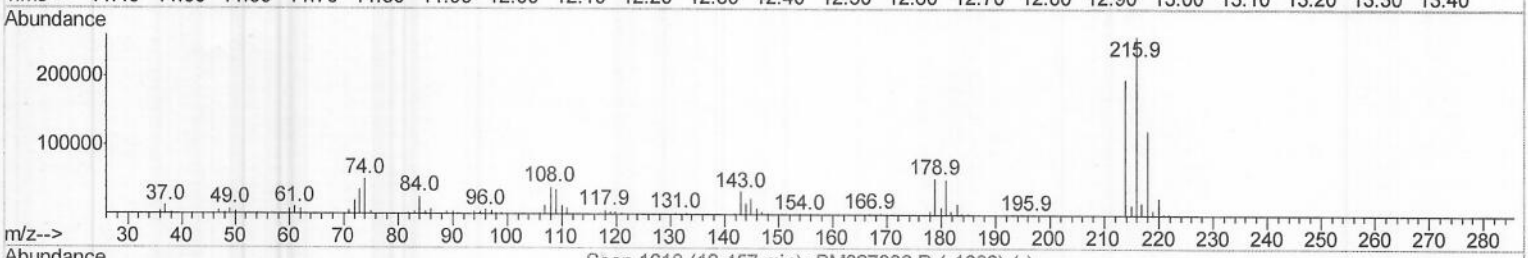
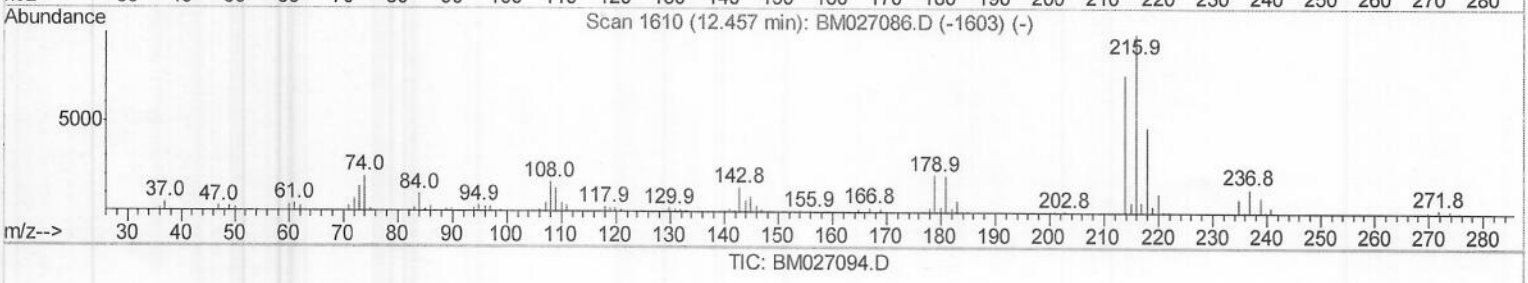
Instrument :
BNA_M
ClientSampleId :
C0F94

Manual Integrations APPROVED
mohammad
8/19/2020 8:18:47 AM







(37) 1,2,4,5-Tetrachlorobenzene

12.457min (+0.000) 44.97ng/ul m 08/25/20 JU

response 436657

Ion	Exp%	Act%
216.00	100	100
214.00	76.80	76.10
179.00	21.00	20.29
108.00	17.10	15.38

Quantitation Report (QT/LSC Reviewed)

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ALS Vial : 40 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
mohammad
8/19/2020 8:18:47 AM

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	123381m)	20.00	ng/ul	0.04) 08/25/20 JU
18) Naphthalene-d8	10.43	136	401618	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.27	164	262417	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	566681	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	602702	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	612915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	12617	4.65	ng/uL	0.00
5) Phenol-d5	6.82	99	69020	7.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	187632	28.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	188087	24.86	ng/ul	0.01
13) 4-Methylphenol-d8	8.35	113	114224m)	15.27	ng/ul	0.00) 08/25/20 JU
19) Nitrobenzene-d5	8.79	128	111669	35.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	128533	38.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	239981	34.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	23187	2.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	768182	36.71	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	952749	38.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	26184	7.41	ng/ul	0.00
58) Fluorene-d10	15.27	176	666580	36.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	97324	31.44	ng/ul	0.00
71) Anthracene-d10	17.12	188	1069568	38.31	ng/ul	0.00
79) Pyrene-d10	19.42	212	1230261	40.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1367699	39.98	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	14190	1.403	ng/ul	91
10) 2-Chlorophenol	7.22	128	9787	1.238	ng/ul	99
20) Nitrobenzene	8.83	77	1125252	108.273	ng/ul	99
23) 2-Nitrophenol	9.53	139	7813	2.135	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	436657m)	44.967	ng/ul	) 08/25/20 JU
45) Dimethylphthalate	13.73	163	115724	5.277	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	1255945	141.704	ng/uL	99
74) Pentachlorobenzene	14.60	250	28586	3.092	ng/uL	94

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