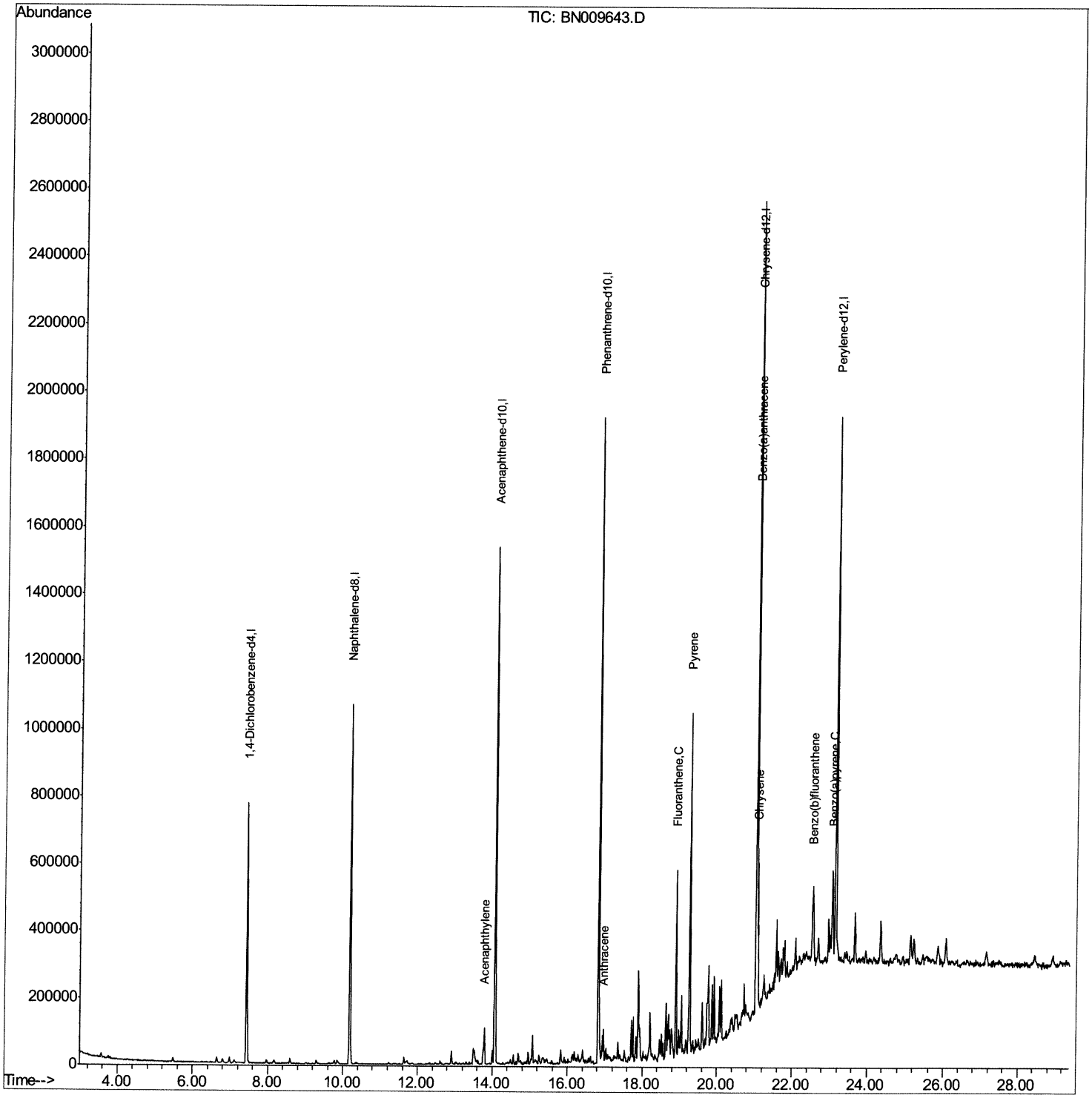
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009643.D
Acq On : 07 Feb 2020 11:59
Operator : CG/JU
Sample : L1323-02DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Feb 07 15:42:40 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 :
GAT42DL

Manual Integrations APPROVED
mohammad
2/10/2020 8:20:44 AM



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mohammad
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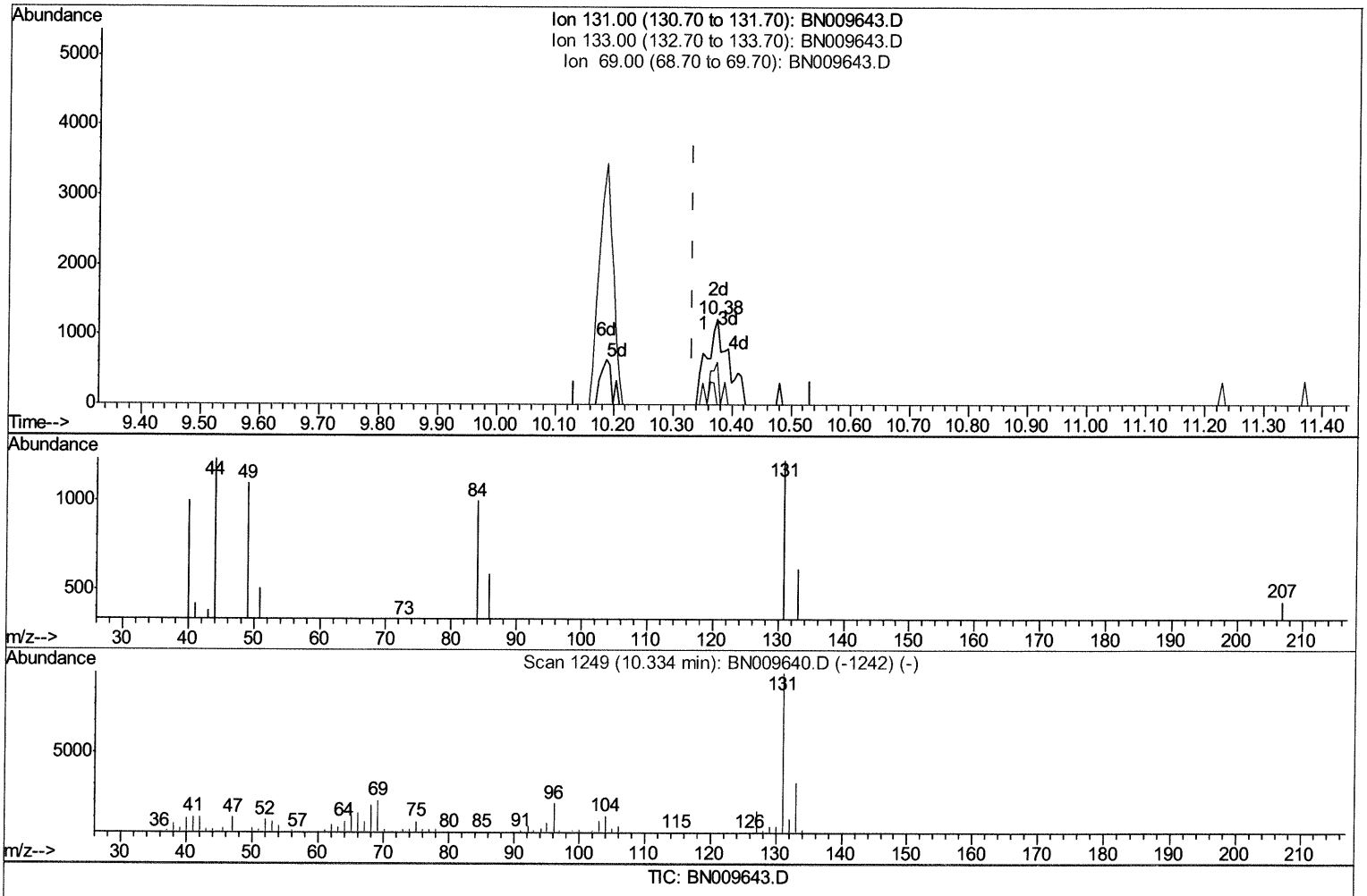

TIC: BN009643.D

(29) 4-Chloroaniline-d4 (S)

10.375min (+0.041) 0.23ng/ul m JU 02/13/20

response 3062

Ion	Exp%	Act%
131.00	100	100
133.00	32.50	49.84#
69.00	21.00	0.00#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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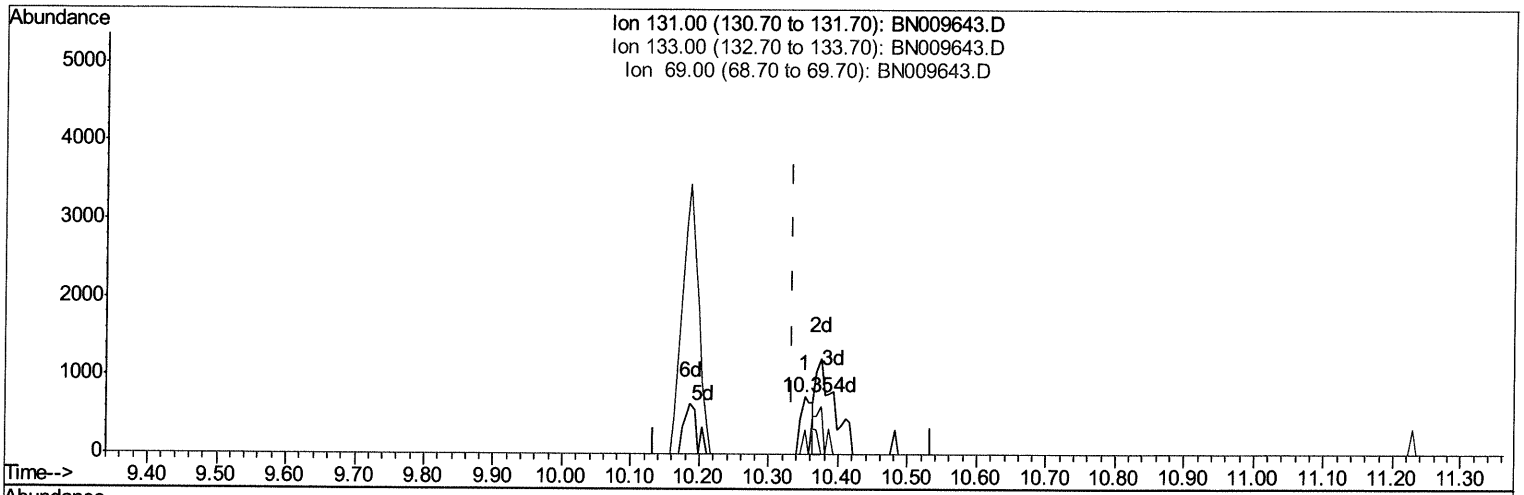

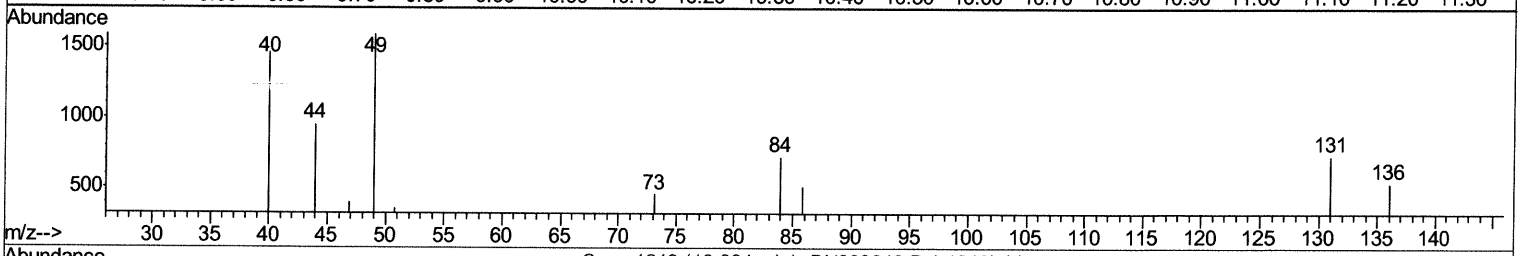

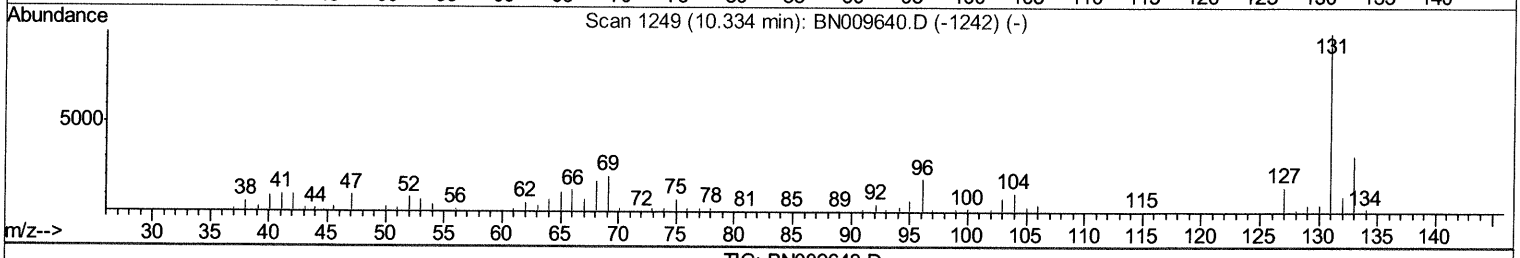

TIC: BN009643.D

(29) 4-Chloroaniline-d4 (S)

10.352min (+0.018) 0.07ng/ul

response 890

Ion	Exp%	Act%
131.00	100	100
133.00	32.50	43.58#
69.00	21.00	0.00#
0.00	0.00	0.00

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Manual Integrations APPROVED
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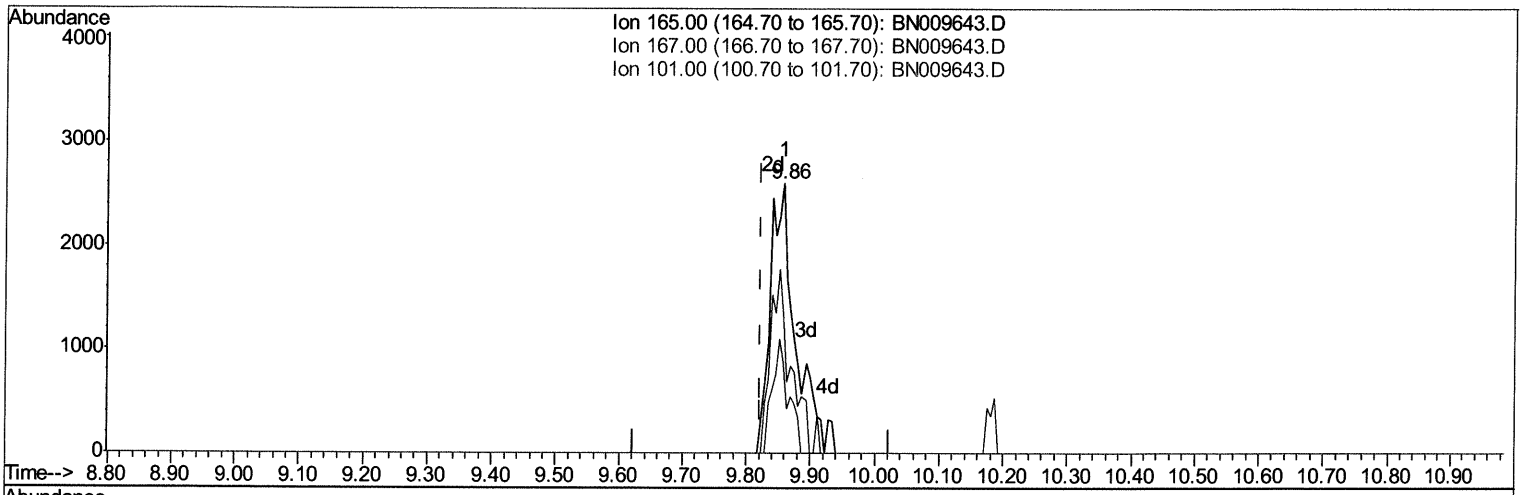

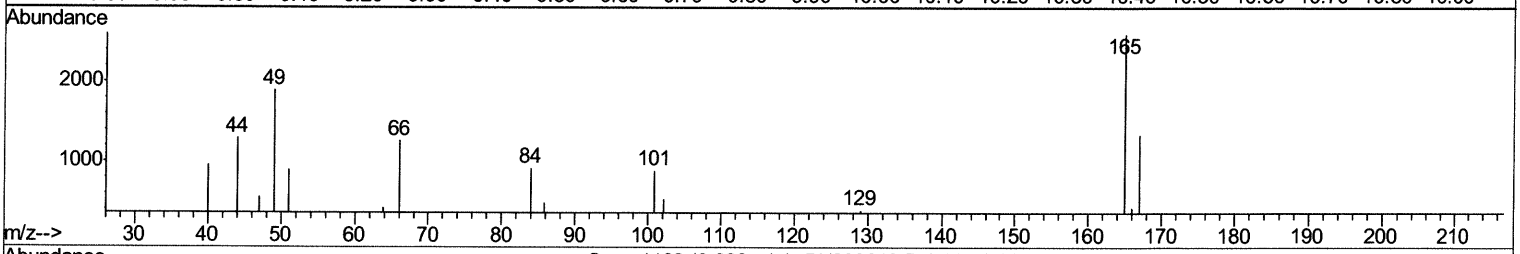

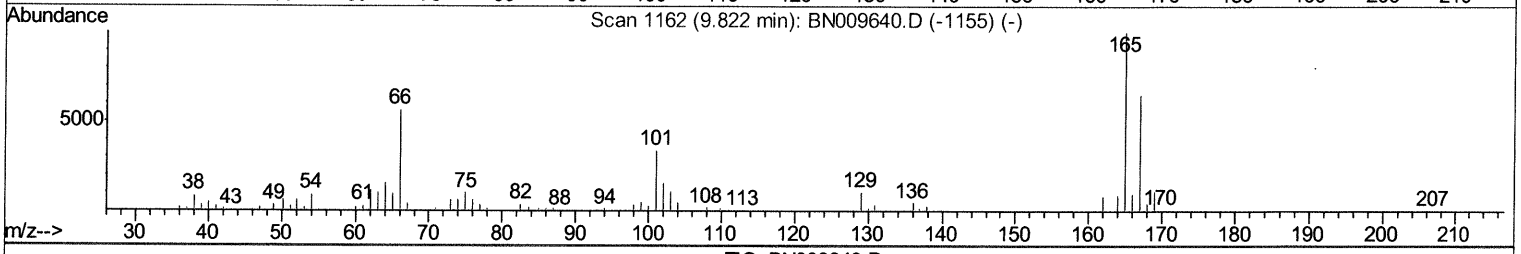

TIC: BN009643.D

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

9.857min (+0.035) 0.59ng/ul m JU 02/13/20

response 7208

Ion	Exp%	Act%
165.00	100	100
167.00	60.20	51.19
101.00	37.10	33.76
0.00	0.00	0.00

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BNA_N
ClientSampleId :
GAT42DL

Manual Integrations APPROVED
mohammad
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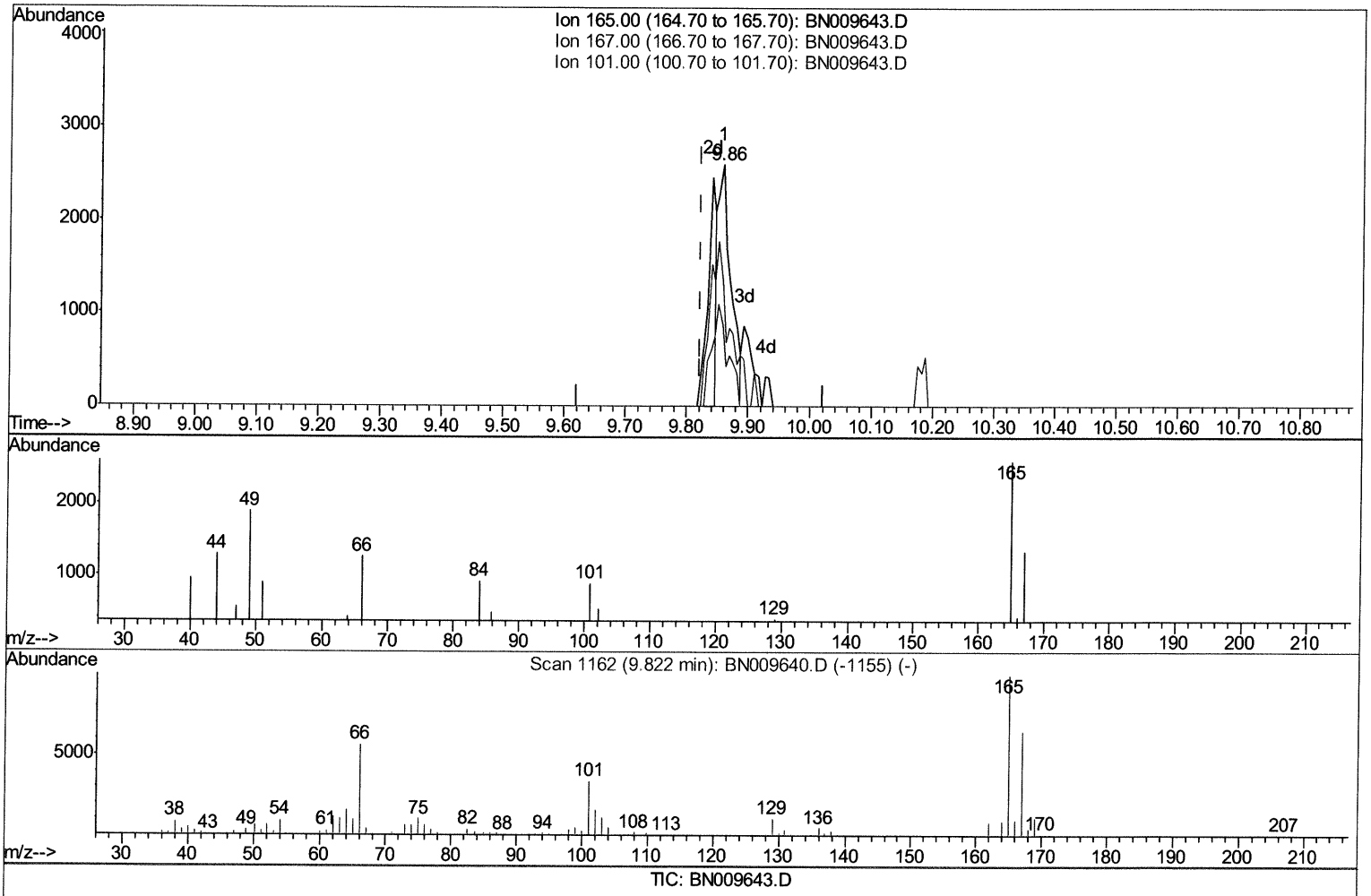

TIC: BN009643.D

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

9.857min (+0.035) 0.30ng/ul

response 3667

Ion	Exp%	Act%
165.00	100	100
167.00	60.20	51.19
101.00	37.10	33.76
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 07 Feb 2020 11:59
Operator : CG/JU
Sample : L1323-02DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
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BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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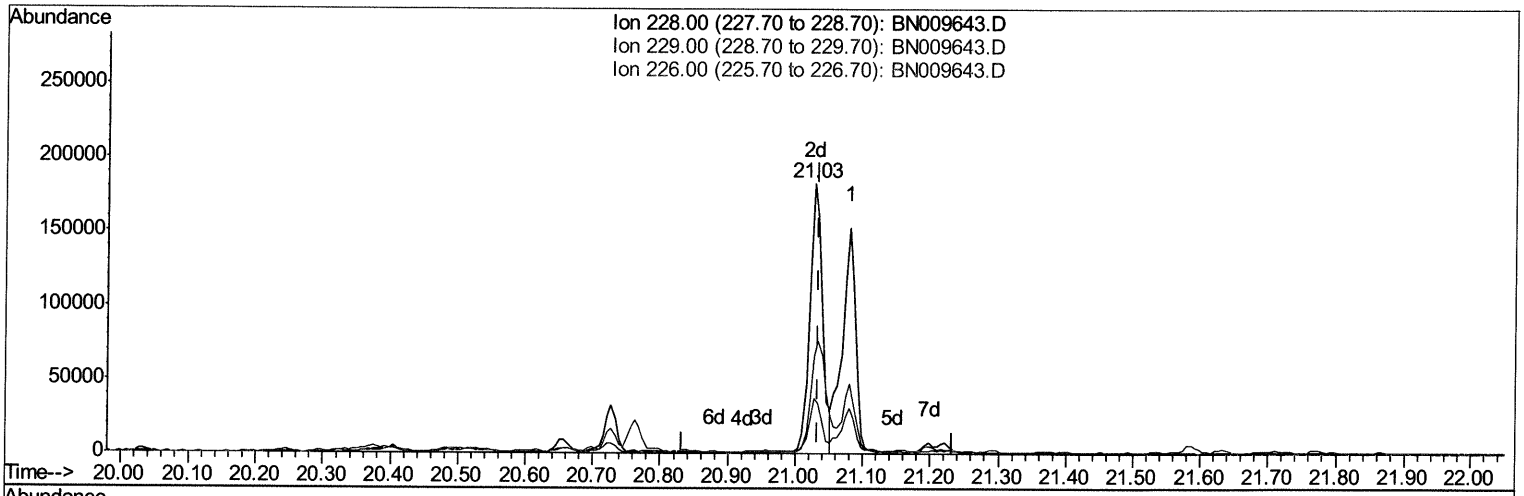

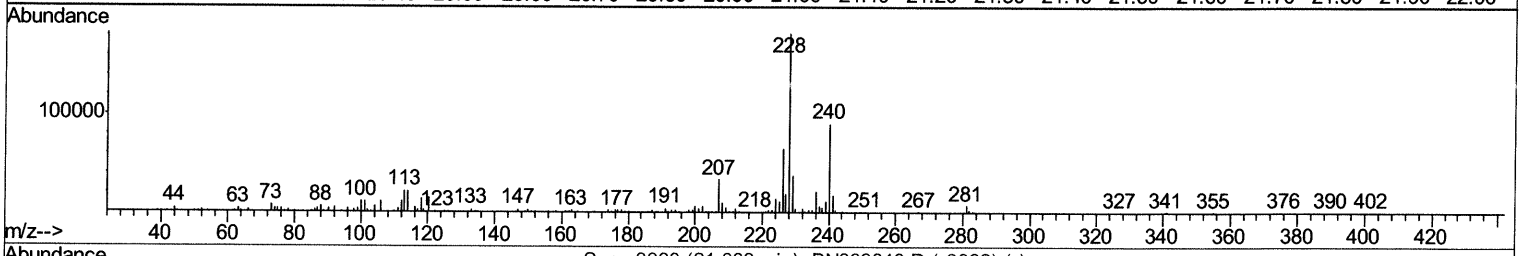

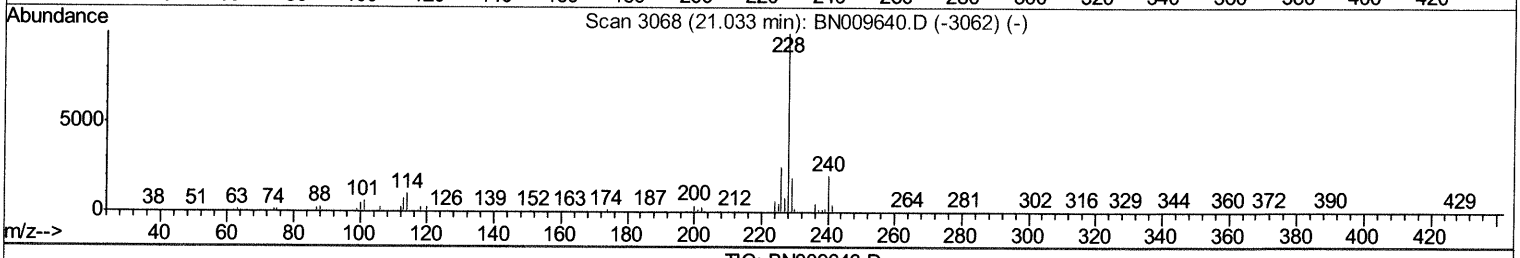

TIC: BN009643.D

(82) Benzo(a)anthracene

21.027min (-0.006) 3.84ng/ul m JU 02/13/20

response 240976

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.49
226.00	26.10	36.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : L1323-02DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Feb 07 15:24:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
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BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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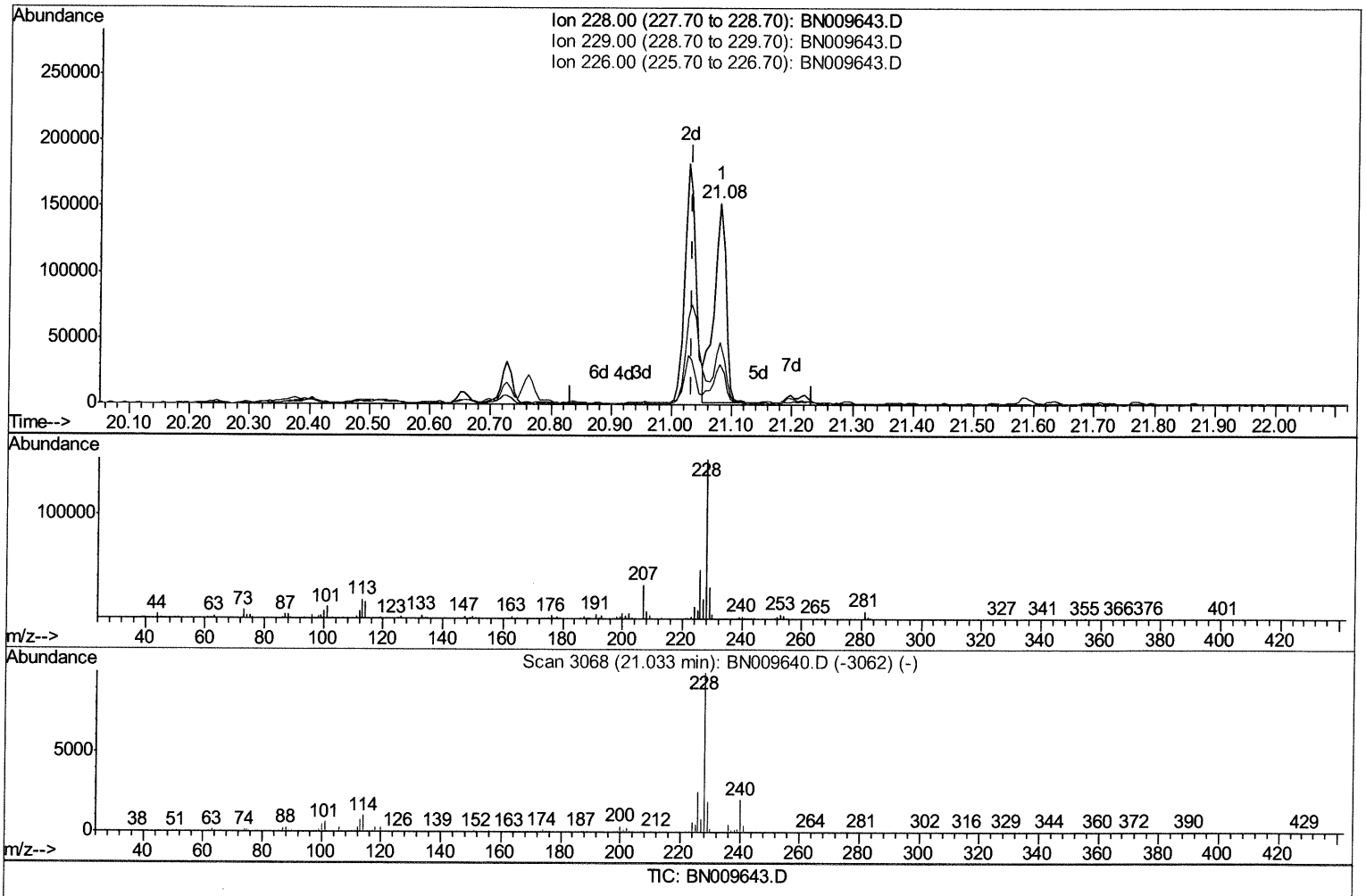

TIC: BN009643.D

(82) Benzo(a)anthracene

21.080min (+0.047) 3.33ng/ul

response 208787

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.09
226.00	26.10	30.96
0.00	0.00	0.00

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Misc :
ALS Vial : 38 Sample Multiplier: 1

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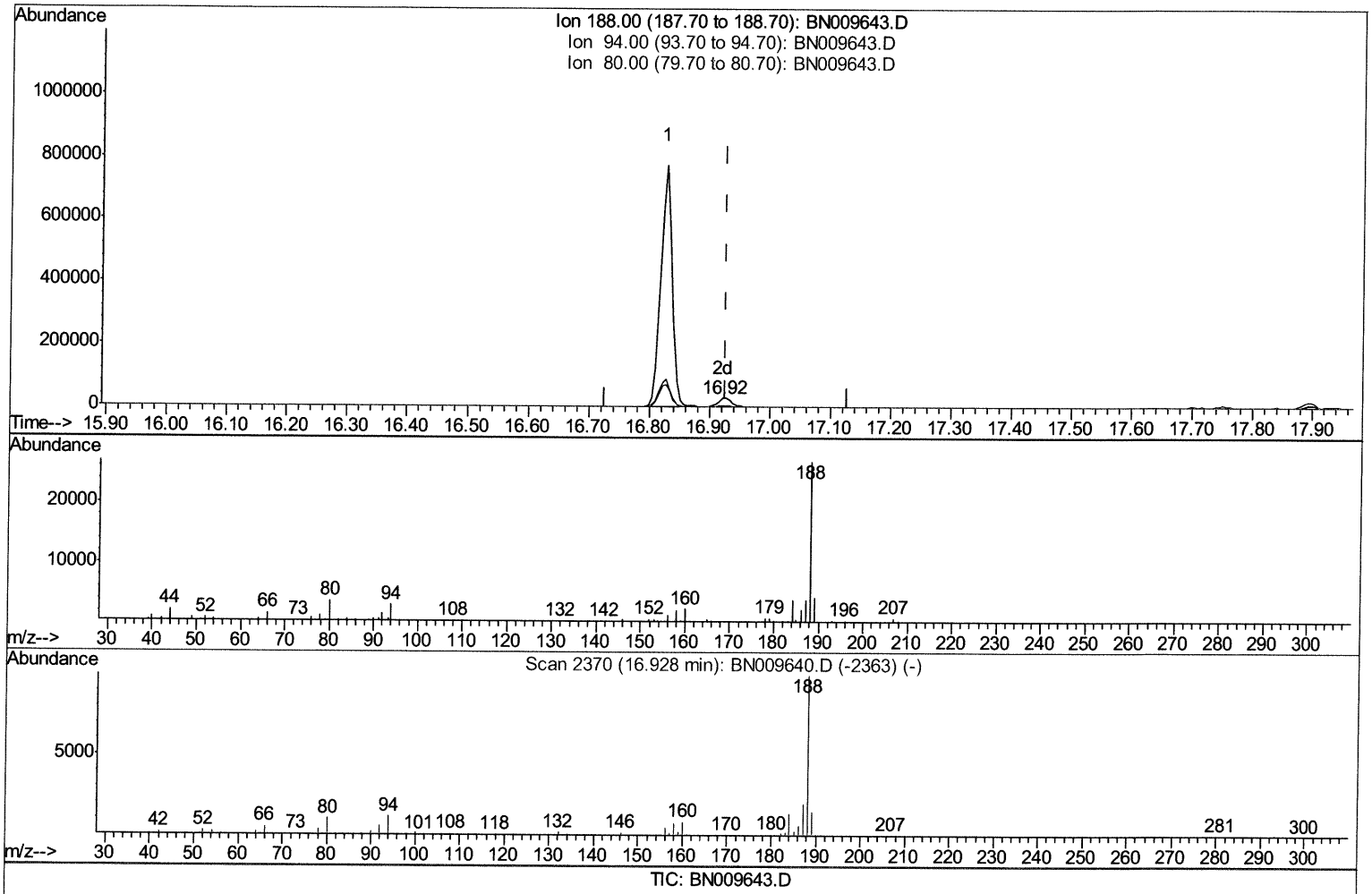
Manual Integrations APPROVED
mohammad
2/10/2020 8:20:44 AM



(70) Anthracene-d10 (S)

16.922min (-0.006) 0.97ng/ul m JU 02/13/20

response 44183

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	11.11
80.00	11.10	13.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 38 Sample Multiplier: 1

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Manual Integrations APPROVED
mohammad
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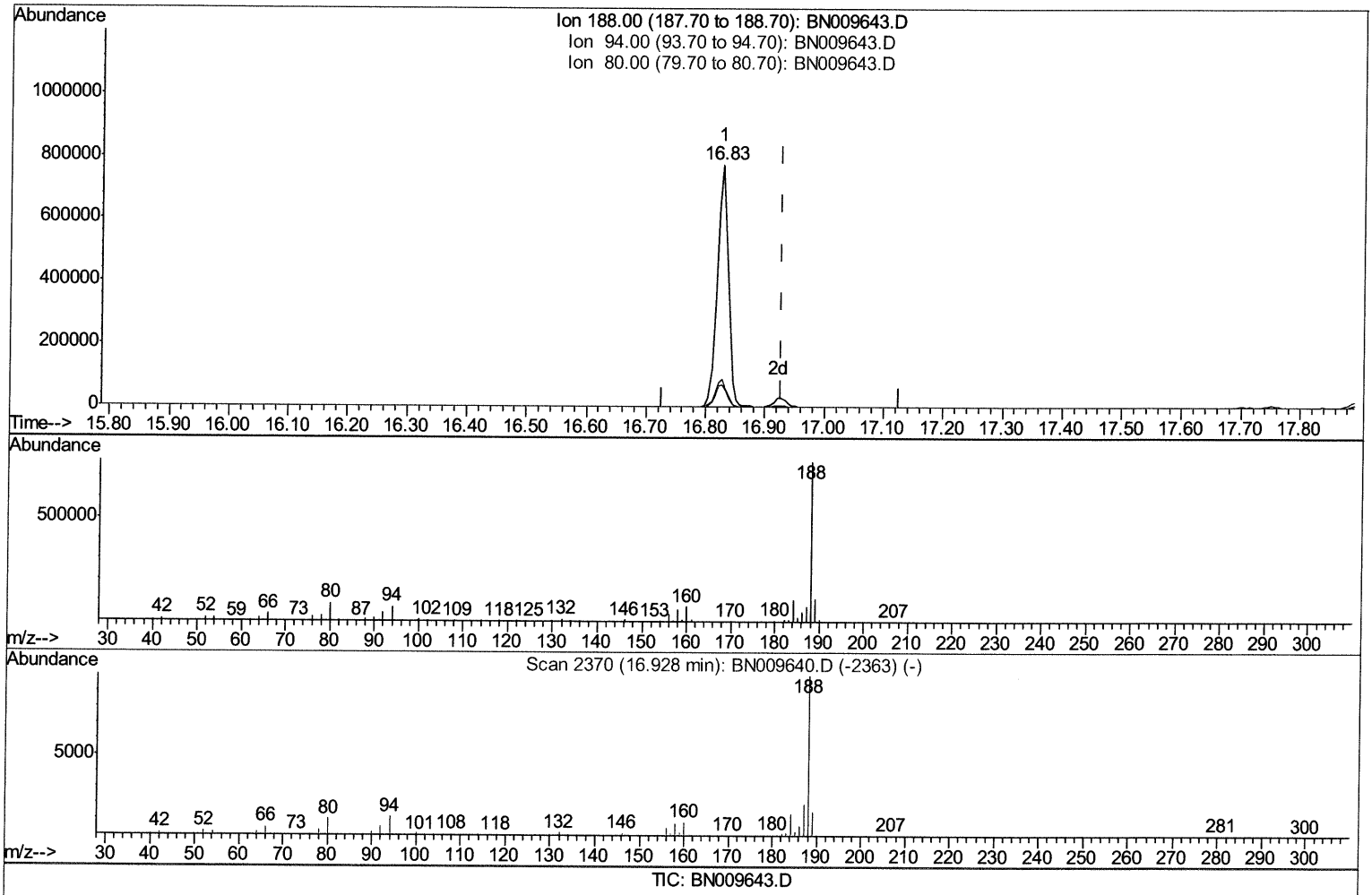

TIC: BN009643.D

(70) Anthracene-d10 (S)

16.828min (-0.100) 22.01ng/ul

response 1003475

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	9.08
80.00	11.10	11.18
0.00	0.00	0.00

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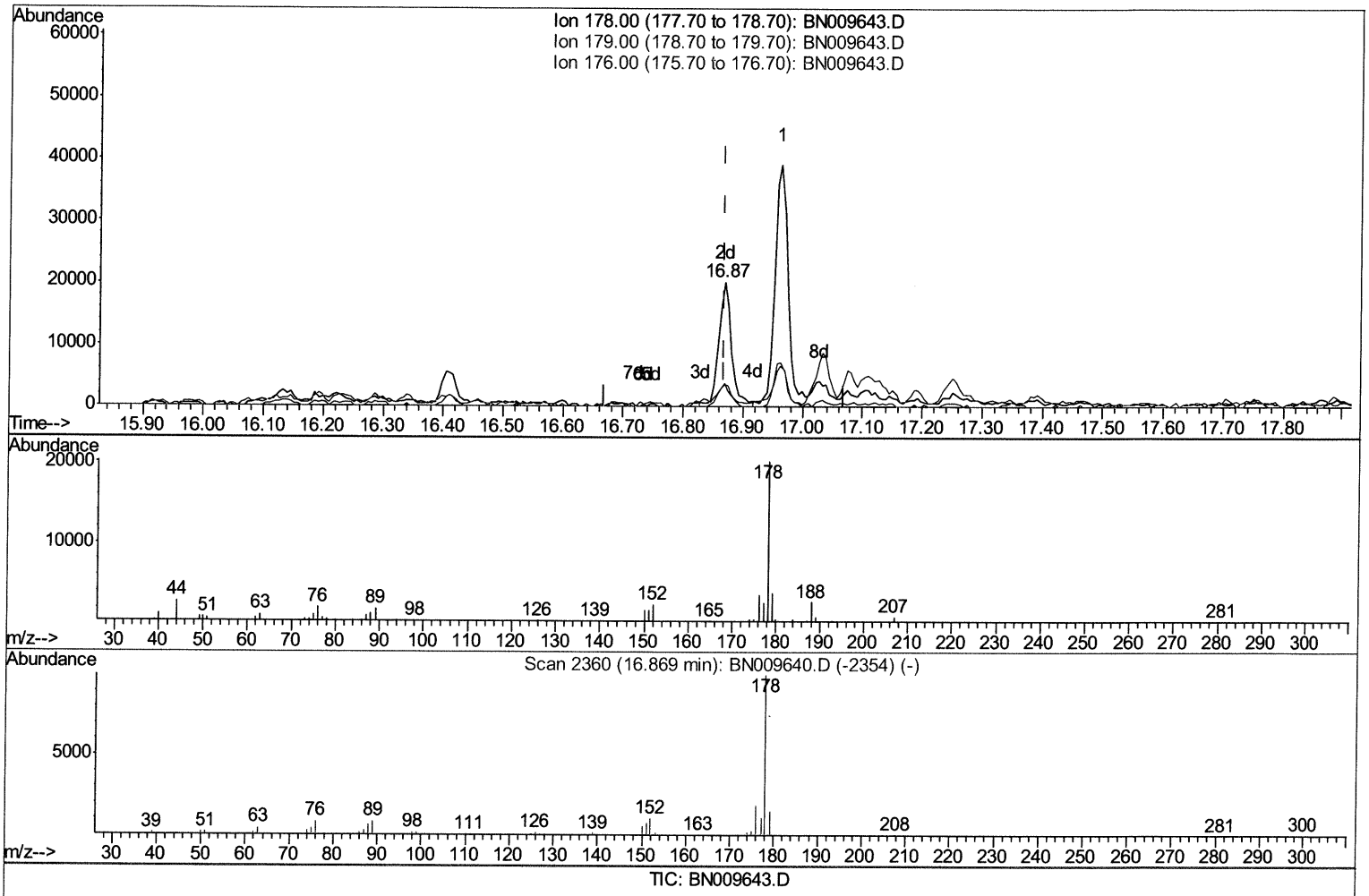
mohammad
2/10/2020 8:20:44 AM



TIC: BN009643.D

(69) Phenanthrene

16.869min (-0.000) 0.52ng/ul m JU02/13/20

response 29987

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	18.95#
176.00	18.50	17.88
0.00	0.00	0.00

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mohammad
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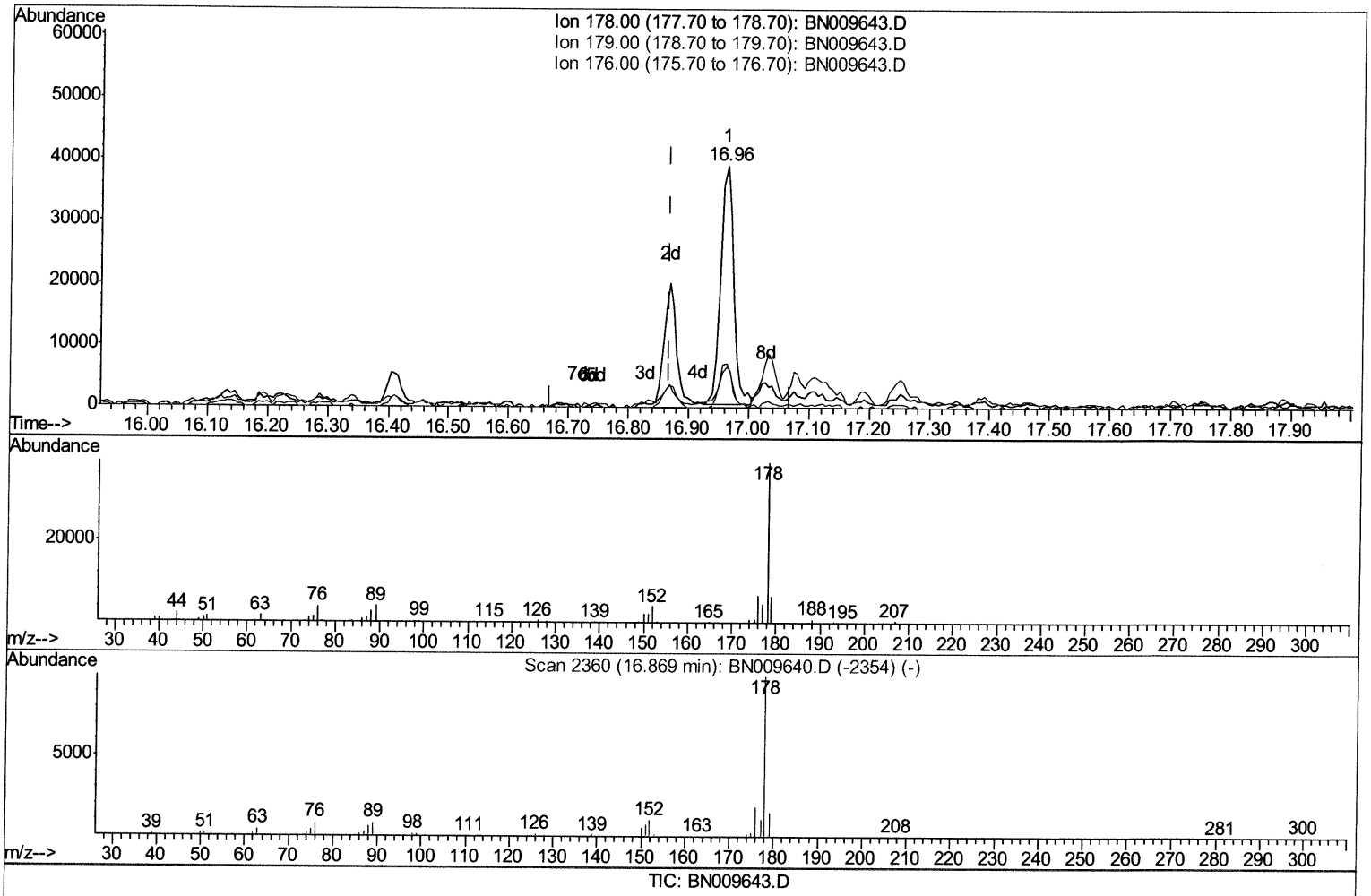

TIC: BN009643.D

(69) Phenanthrene

16.963min (+0.094) 1.01ng/ul

response 57818

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	16.80
176.00	18.50	17.98
0.00	0.00	0.00

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Manual Integrations APPROVED
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2/10/2020 8:20:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.43	152	184114	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.18	136	790665	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.07	164	489291	20.00	ng/ul	0.00	
61) Phenanthrene-d10	16.83	188	1003475	20.00	ng/ul	0.00	
77) Chrysene-d12	21.05	240	909203	20.00	ng/ul	0.00	
85) Perylene-d12	23.16	264	982207	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.09	96	140	0.03	ng/uL	0.02	
5) Phenol-d5	6.65	99	9619	0.60	ng/ul	0.01	
7) Bis-(2-Chloroethyl)ether-d	6.80	67	6594	0.61	ng/ul	0.01	
9) 2-Chlorophenol-d4	6.99	132	7138	0.60	ng/ul	0.01	
13) 4-Methylphenol-d8	8.17	113	4601	0.36	ng/ul	0.02	
19) Nitrobenzene-d5	8.59	128	3160	0.54	ng/ul	0.02	
22) 2-Nitrophenol-d4	9.30	143	2781	0.42	ng/ul	0.02	
26) 2,4-Dichlorophenol-d3	9.86	165	7208m	0.59	ng/ul	0.04	JU 02/13/20
29) 4-Chloroaniline-d4	10.38	131	3062m	0.23	ng/ul	0.04	
43) Dimethylphthalate-d6	13.50	166	27890	0.78	ng/ul	0.00	
46) Acenaphthylene-d8	13.76	160	31376	0.73	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.36	143	850	0.13	ng/ul	0.05	
57) Fluorene-d10	15.07	176	24871	0.79	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.24	200	1144	0.18	ng/ul	0.02	
70) Anthracene-d10	16.92	188	44183m	0.97	ng/ul	0.00	JU 02/13/20
78) Pyrene-d10	19.23	212	42306	0.89	ng/ul	0.00	
89) Benzo(a)pyrene-d12	23.03	264	44315	0.92	ng/ul	0.00	
Target Compounds						Qvalue	
47) Acenaphthylene	13.79	152	74705	1.58	ng/ul	100	
71) Anthracene	16.96	178	58201	1.00	ng/ul	98	
76) Fluoranthene	18.90	202	278767	4.27	ng/ul	100	
79) Pyrene	19.26	202	559939	8.44	ng/ul	98	
82) Benzo(a)anthracene	21.03	228	240976m	3.84	ng/ul	98	JU 02/13/20
84) Chrysene	21.08	228	212043	3.39	ng/ul	98	
87) Benzo(b)fluoranthene	22.54	252	138735	2.26	ng/ul	98	
90) Benzo(a)pyrene	23.07	252	134200	2.36	ng/ul#	94	

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