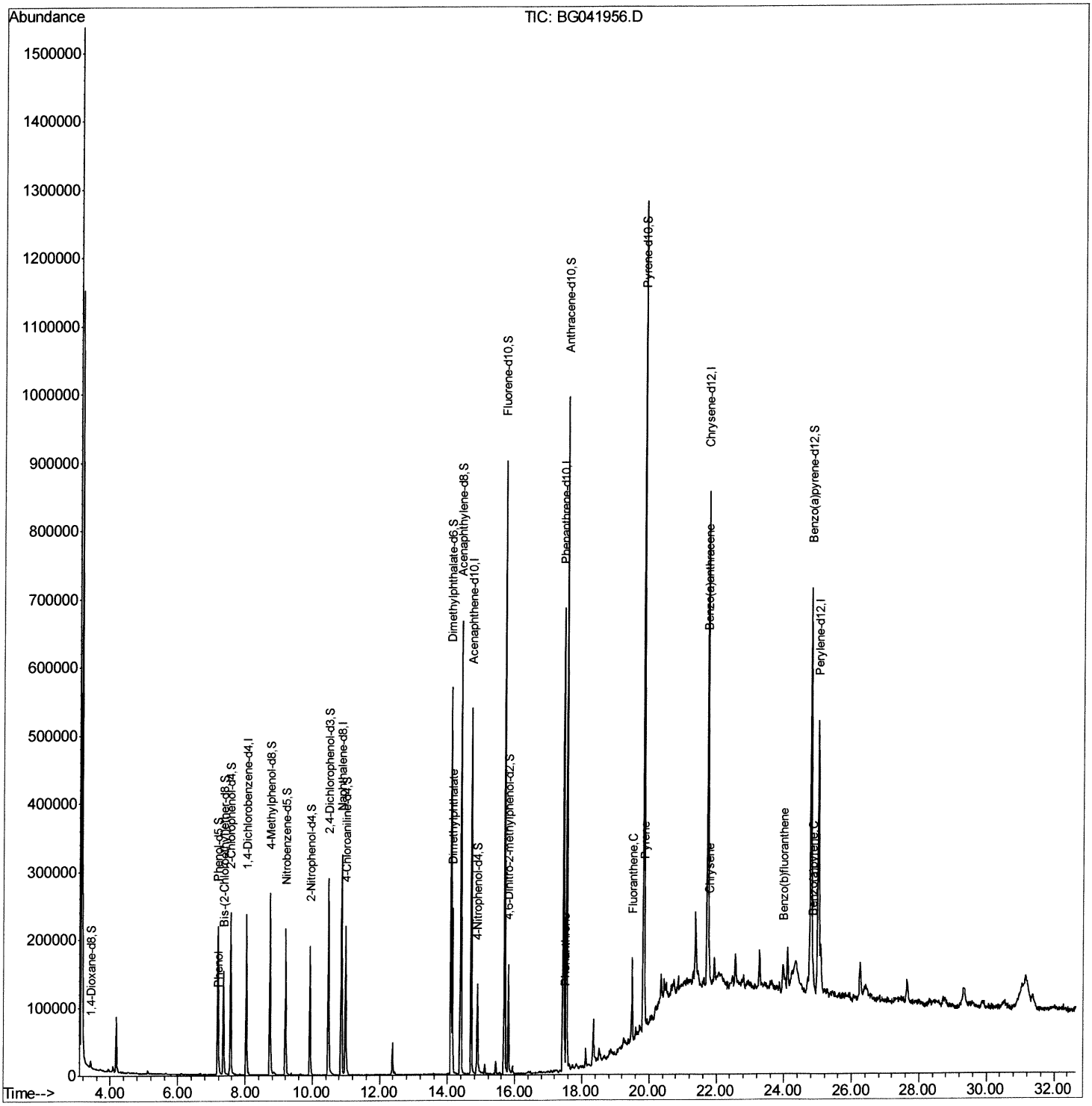
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041956.D
Acq On : 5 Aug 2019 00:00
Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Aug 05 10:18:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENZ6

Manual Integrations APPROVED
mohammad
8/5/2019 3:04:13 PM



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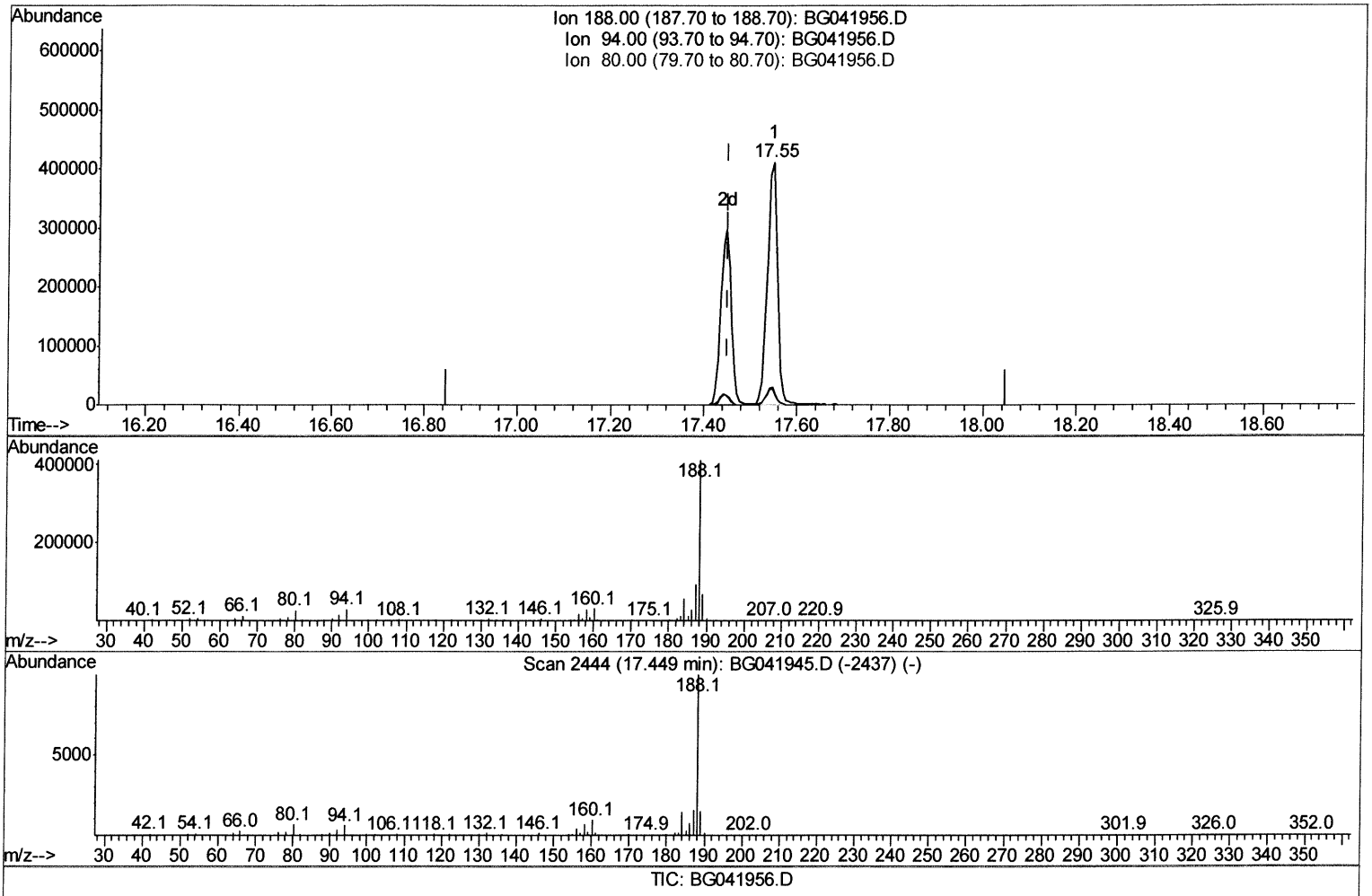

TIC: BG041956.D

(61) Phenanthrene-d10 (I)

17.547min (+0.098) 20.00ng/ul

response 627742

Ion	Exp%	Act%
188.00	100	100
94.00	7.00	7.08
80.00	7.40	6.32
0.00	0.00	0.00

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mohammad
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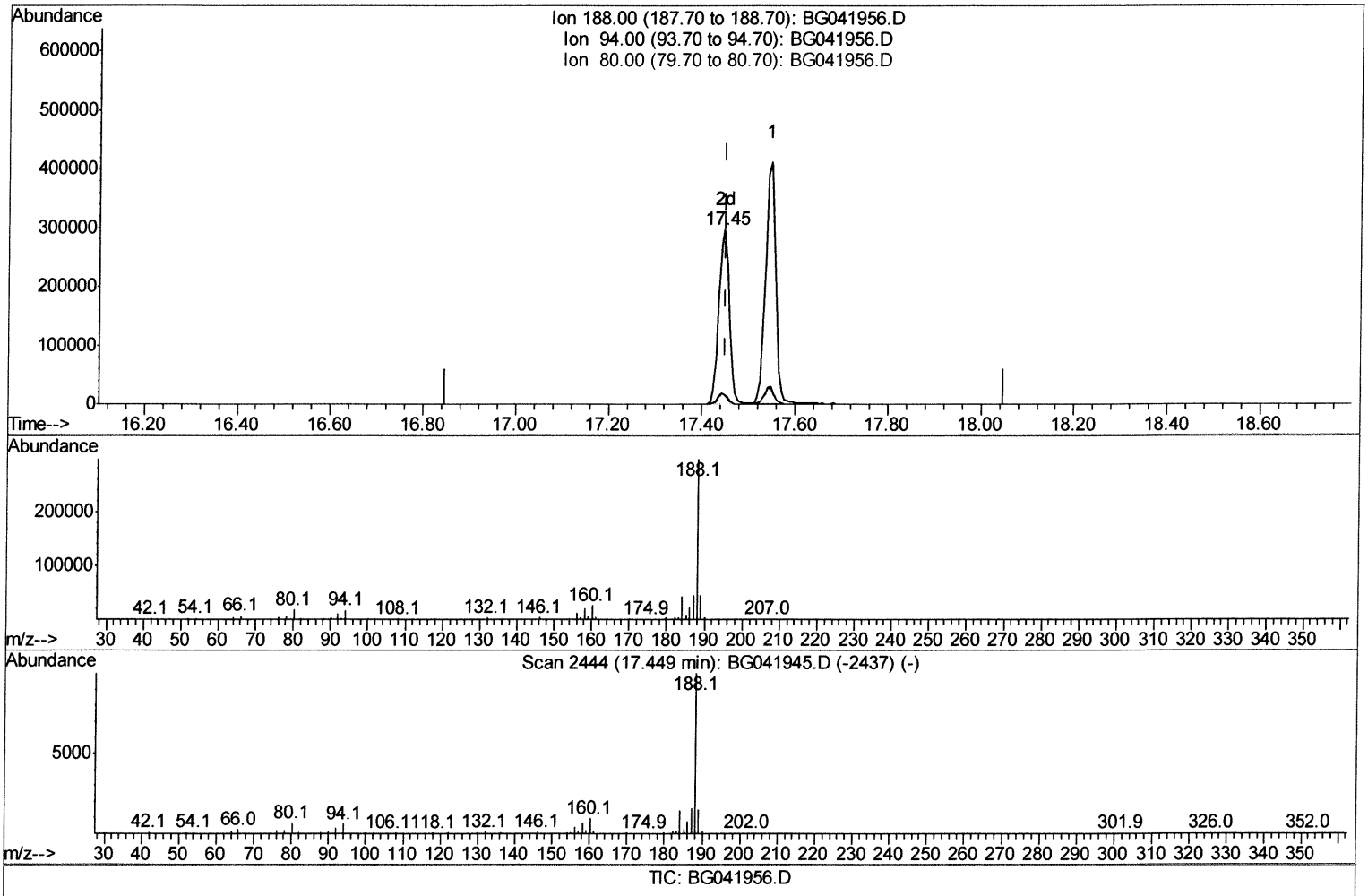

TIC: BG041956.D

(61) Phenanthrene-d10 (I)

17.447min (-0.002) 20.00ng/ul m JU 08/05/19

response 462159

Ion	Exp%	Act%
188.00	100	100
94.00	7.00	5.56#
80.00	7.40	5.98
0.00	0.00	0.00

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Misc :
ALS Vial : 57 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
BENZ6

Manual Integrations APPROVED
mohammad
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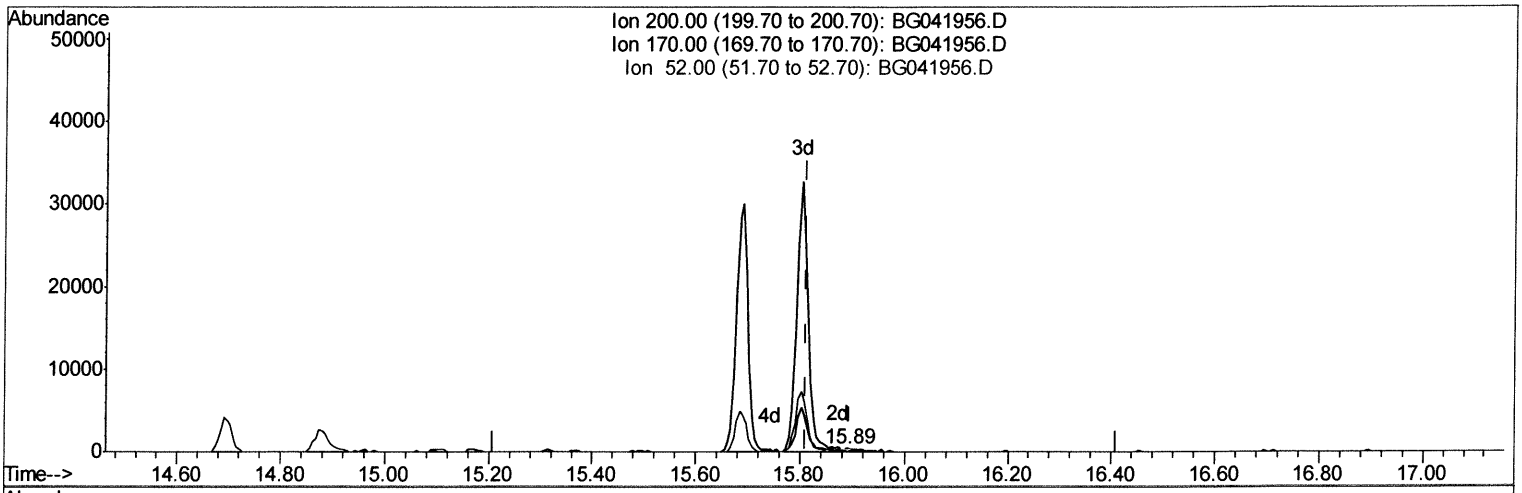

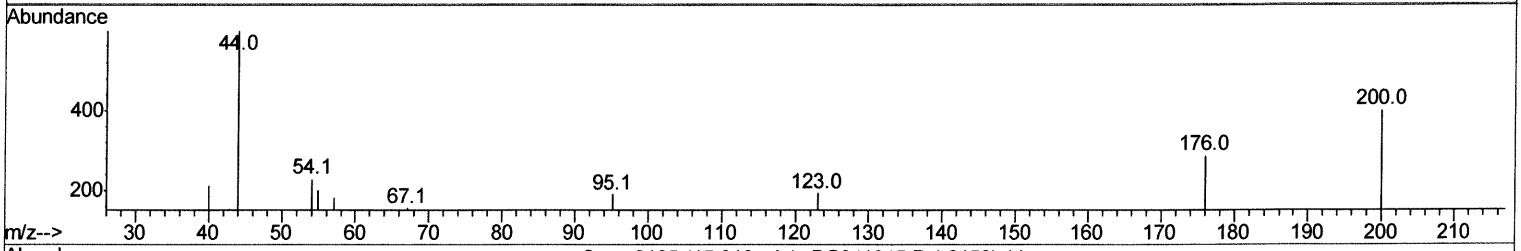

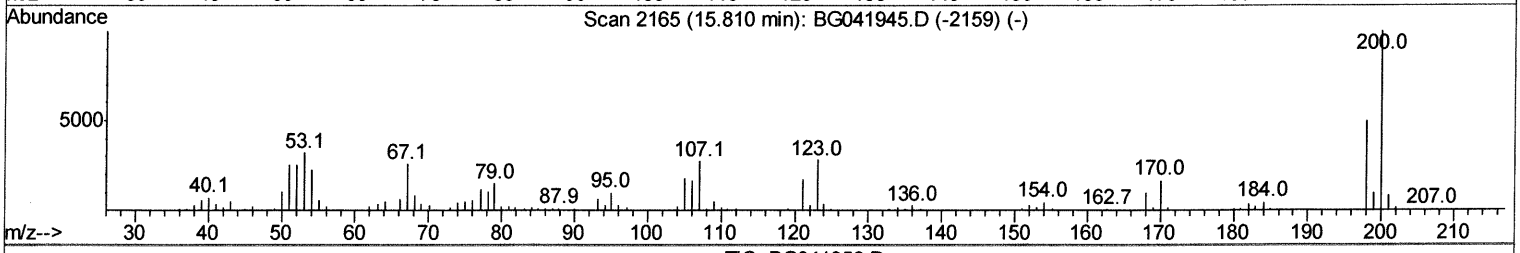

TIC: BG041956.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.890min (+0.080) 0.03ng/ul

response 91

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	0.00#
52.00	31.40	0.00#
0.00	0.00	0.00

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Misc :
ALS Vial : 57 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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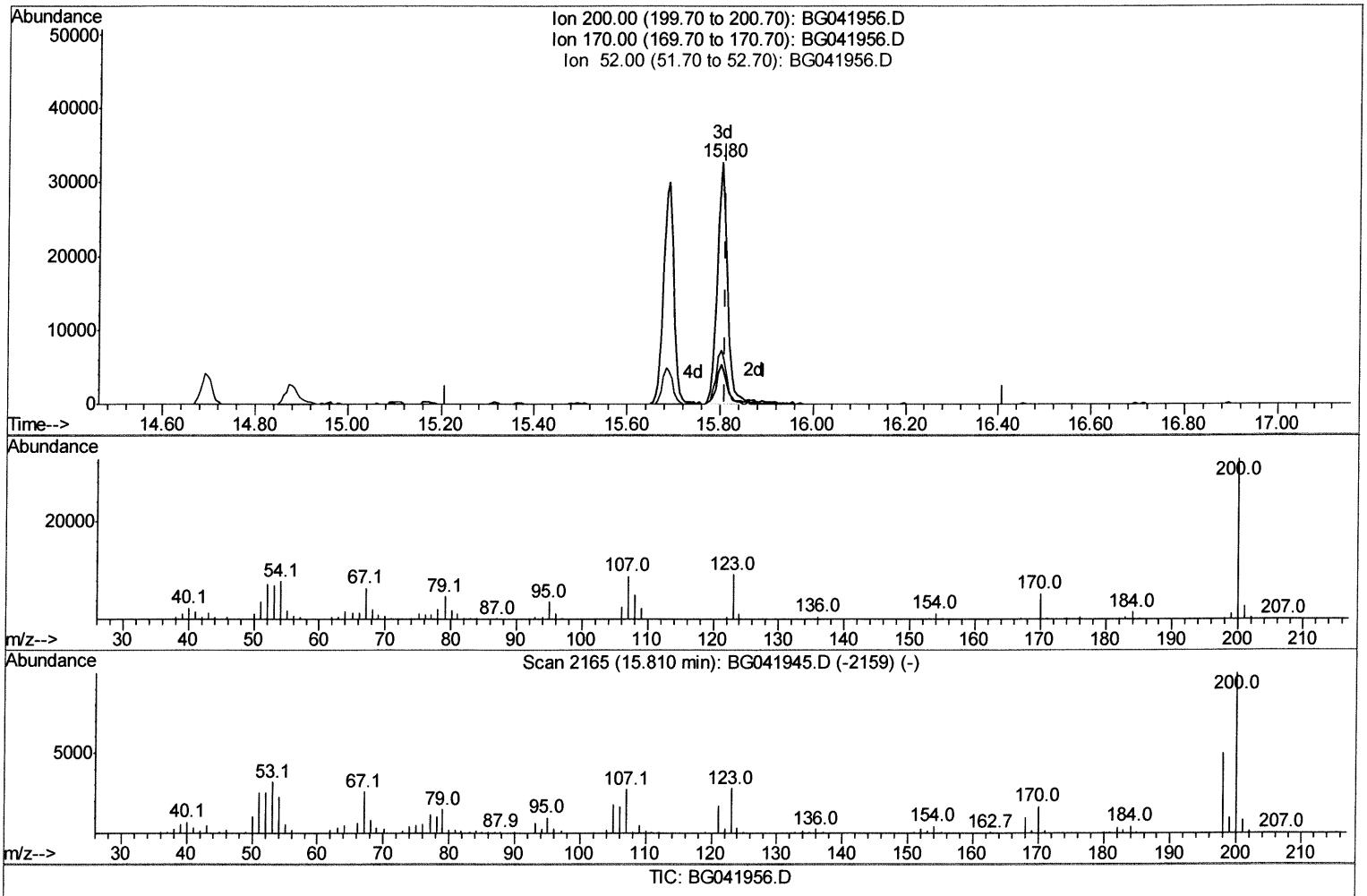

TIC: BG041956.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.802min (-0.008) 16.68ng/ul m JU 08/05/19

response 49445

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	16.23
52.00	31.40	22.11#
0.00	0.00	0.00

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Operator : HP/JU
Sample : K3962-20
Misc :
ALS Vial : 57 Sample Multiplier: 1

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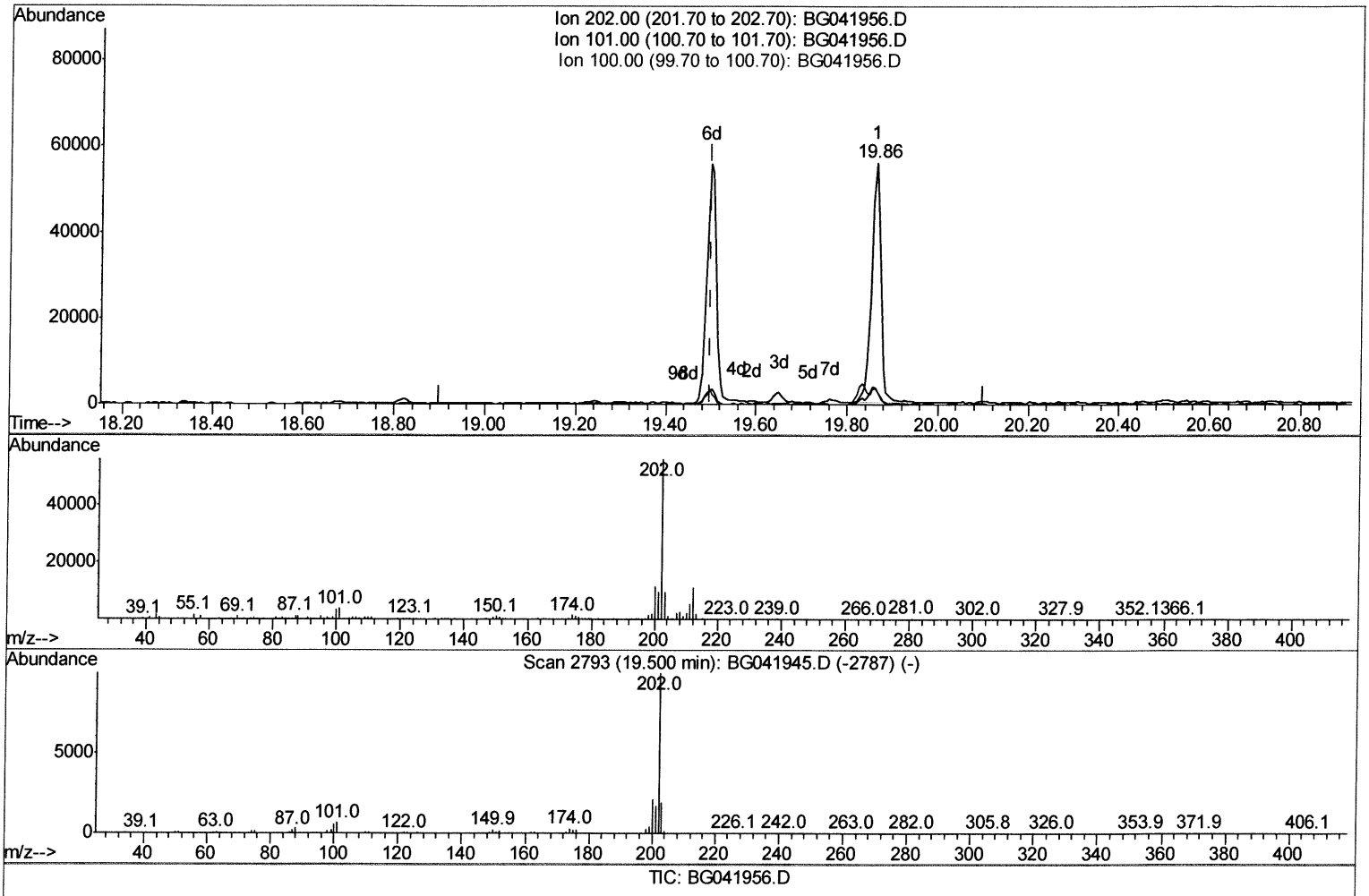
Instrument :
BNA_G
ClientSampleId :
BENZ6

Manual Integrations APPROVED
mohammad
8/5/2019 3:04:13 PM



TIC: BG041956.D

(76) Fluoranthene (C)

19.862min (+0.362) 2.69ng/ul

response 78725

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.05
100.00	6.60	6.20
0.00	0.00	0.00

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Misc :
ALS Vial : 57 Sample Multiplier: 1

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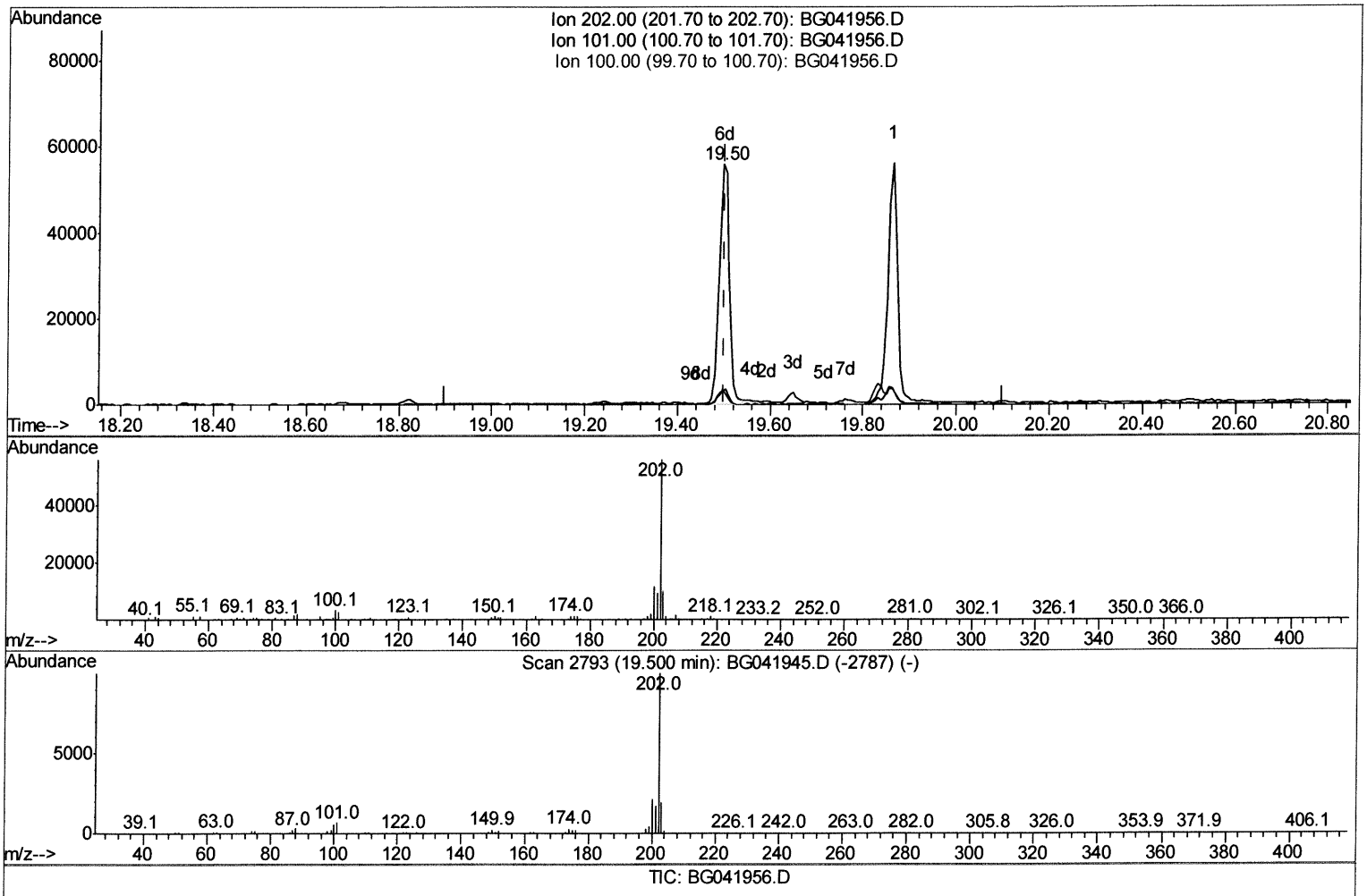
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENZ6

Manual Integrations APPROVED
mohammad
8/5/2019 3:04:13 PM



TIC: BG041956.D

(76) Fluoranthene (C)

19.498min (-0.002) 2.86ng/ul m JU 08/05/19

response 83549

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	5.33#
100.00	6.60	6.23
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	73189	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	309695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	214905	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	462159m>	20.00	ng/ul→	0.00
77) Chrysene-d12	21.73	240	447699	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	495534	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	5518	3.30	ng/uL	0.00
5) Phenol-d5	7.18	99	140343	24.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	75128	23.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	129411	26.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	115177	23.88	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	61911	26.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	80014	29.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	144611	26.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	141785	23.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	447982	26.88	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	510714	26.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	47490	16.97	ng/ul	0.00
57) Fluorene-d10	15.69	176	400183	26.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	49445m>	16.68	ng/ul→	0.00
70) Anthracene-d10	17.55	188	627742	28.31	ng/ul	0.00
78) Pyrene-d10	19.83	212	710899	28.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	767747	29.66	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	10120	1.707	ng/ul	96
44) Dimethylphthalate	14.14	163	176980	10.694	ng/ul	99
69) Phenanthrene	17.49	178	34865	1.378	ng/ul	98
76) Fluoranthene	19.50	202	83549m>	2.858	ng/ul→	
79) Pyrene	19.86	202	78725	2.614	ng/ul#	94
82) Benzo(a)anthracene	21.71	228	45875	1.478	ng/ul	98
84) Chrysene	21.78	228	47041	1.624	ng/ul	94
87) Benzo(b)fluoranthene	23.97	252	59511	1.914	ng/ul	97
90) Benzo(a)pyrene	24.85	252	43488	1.468	ng/ul#	92

JU 05/05/19

JU 05/05/19

JU 05/05/19

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