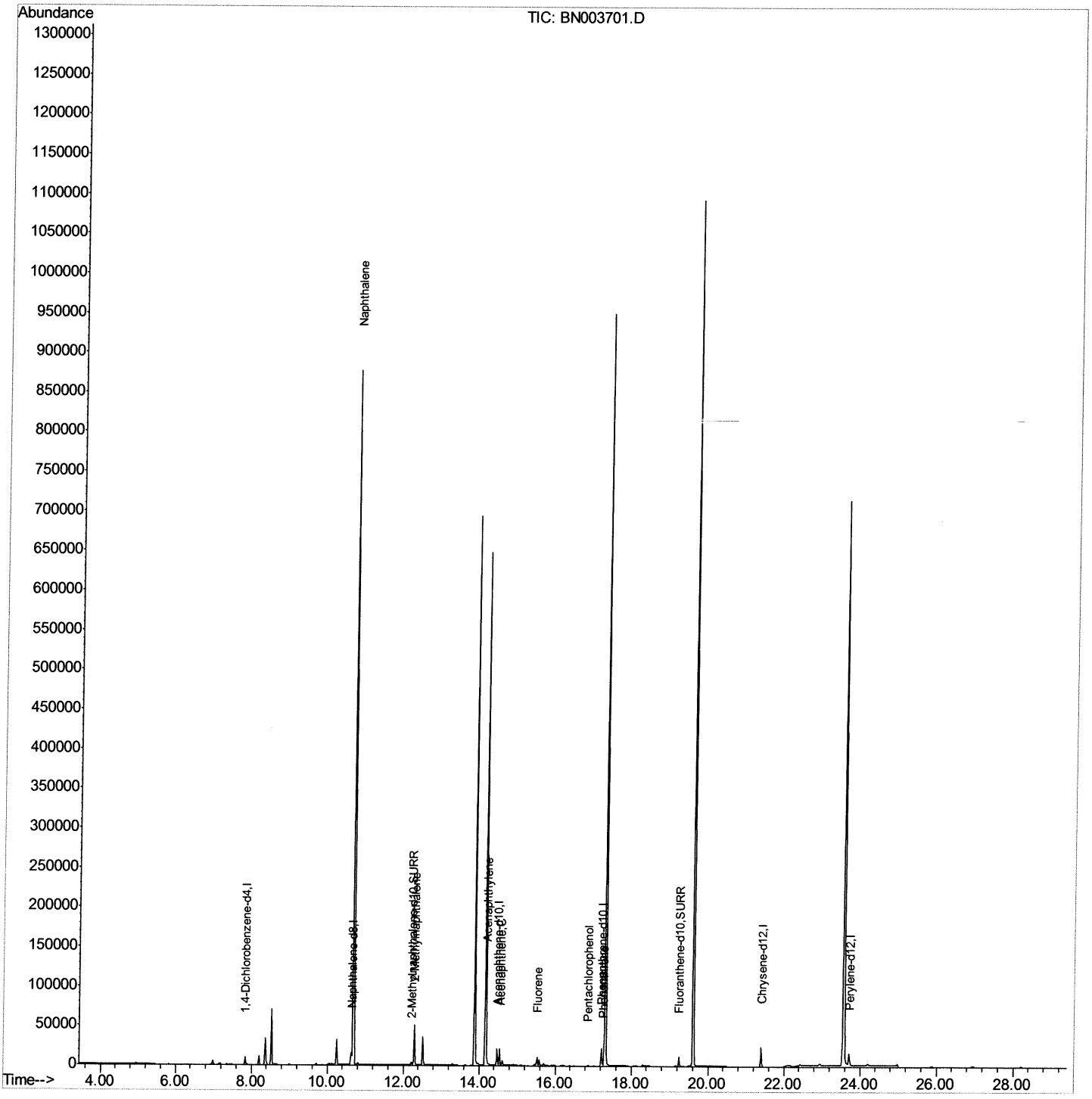
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003701.D
Acq On : 04 Dec 2018 15:46
Operator : JU/SJ
Sample : J6137-07DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 04 16:47:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9J00DL

Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM



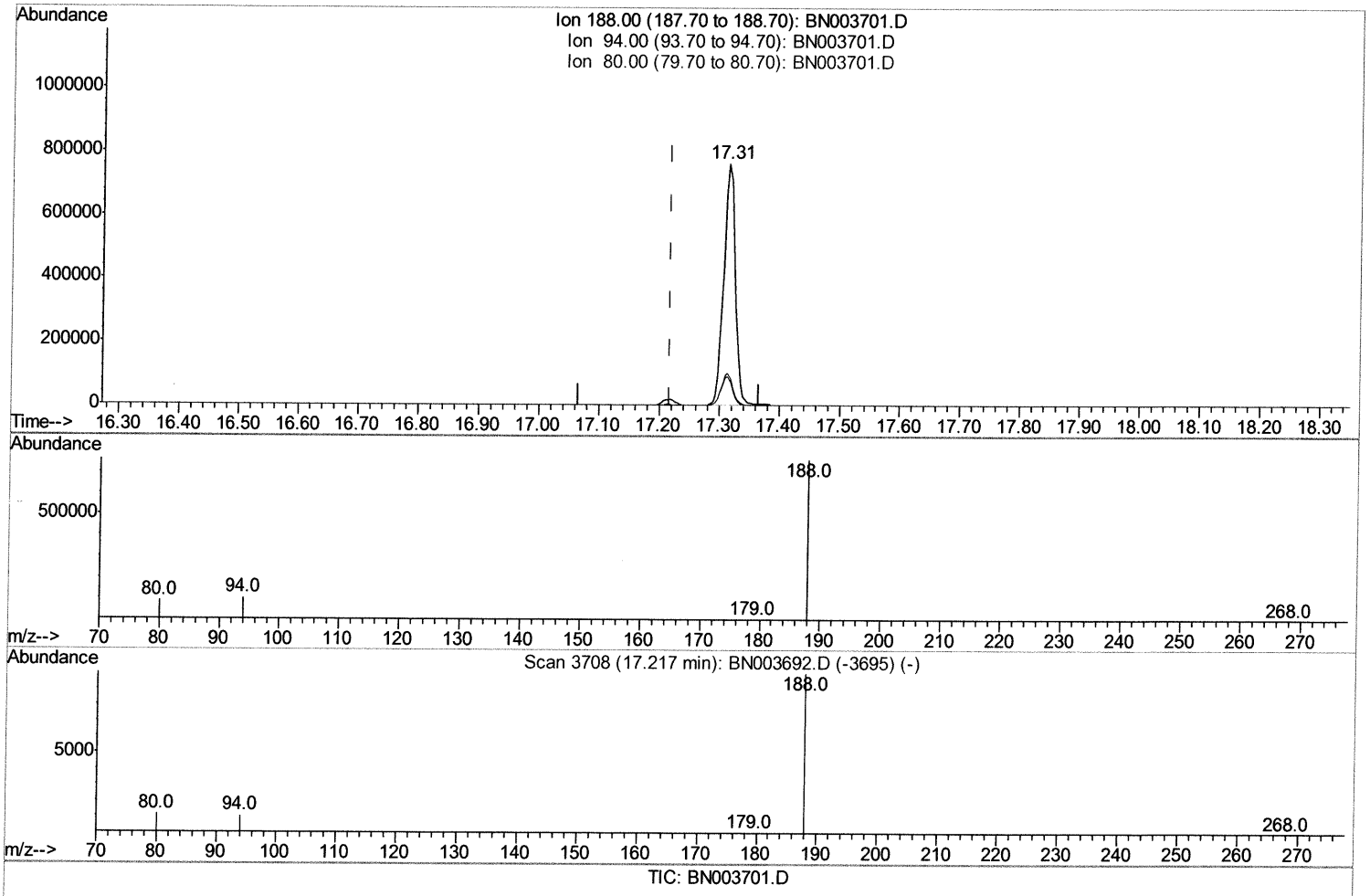
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003701.D
Acq On : 04 Dec 2018 15:46
Operator : JU/SJ
Sample : J6137-07DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 04 16:43:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9J00DL

Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM



TIC: BN003701.D

(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 1023145

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.07#
80.00	11.60	11.63
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Time: Dec 04 16:43:03 2018
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QLast Update : Tue Dec 04 11:17:33 2018
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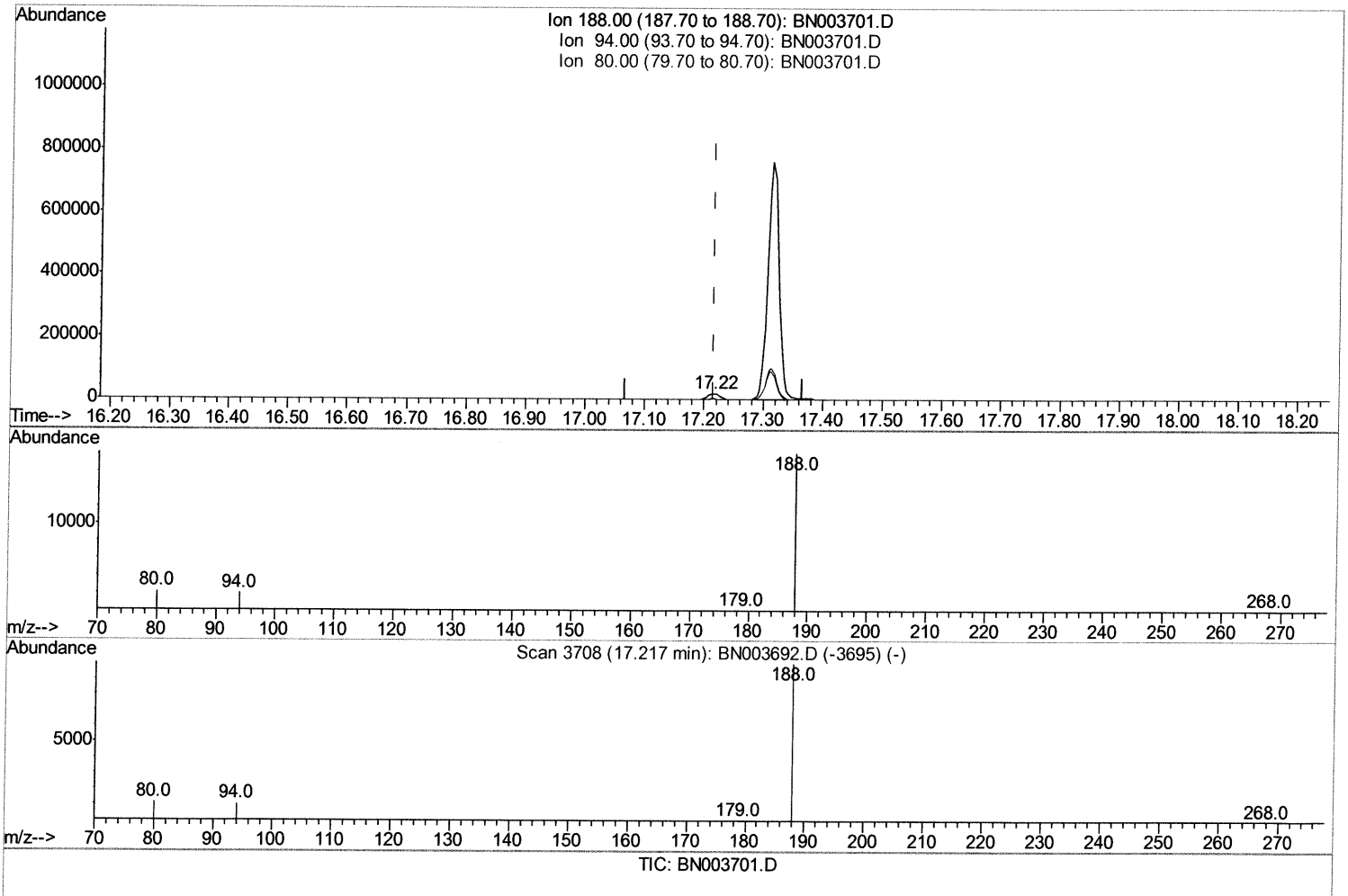
BNA_N
ClientSampleId :
F9J00DL

Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM



TIC: BN003701.D

(10) Phenanthrene-d10 (I)

17.217min (+0.000) 0.40ng/ul m SJ 12/11/18

response 25585

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.09
80.00	11.60	12.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : J6137-07DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 04 16:45:09 2018
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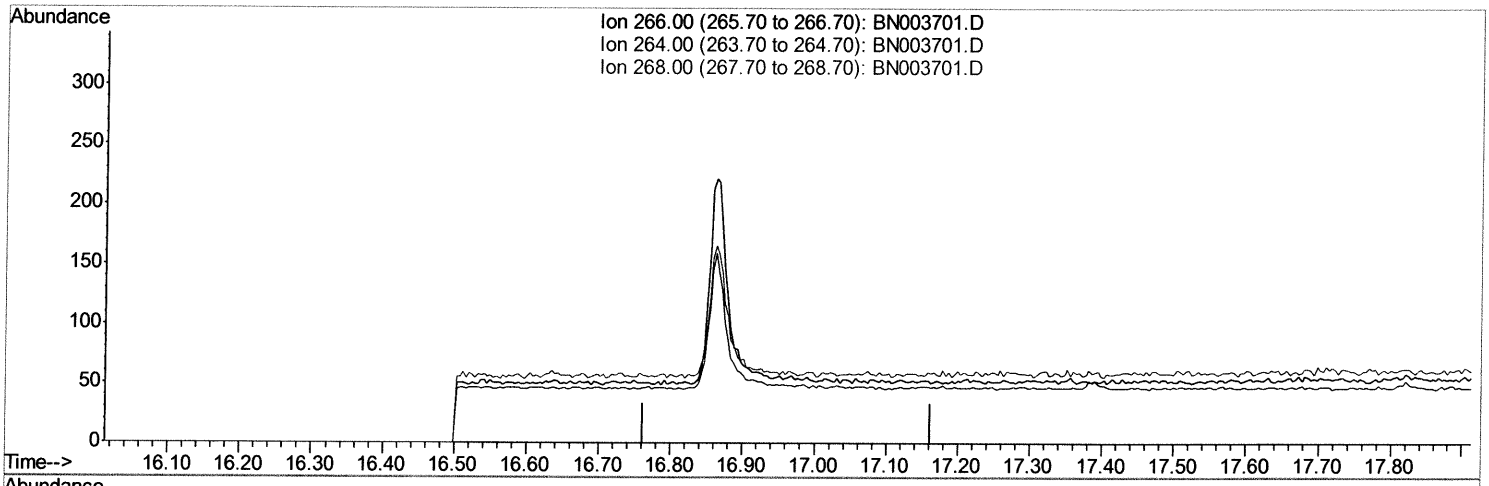
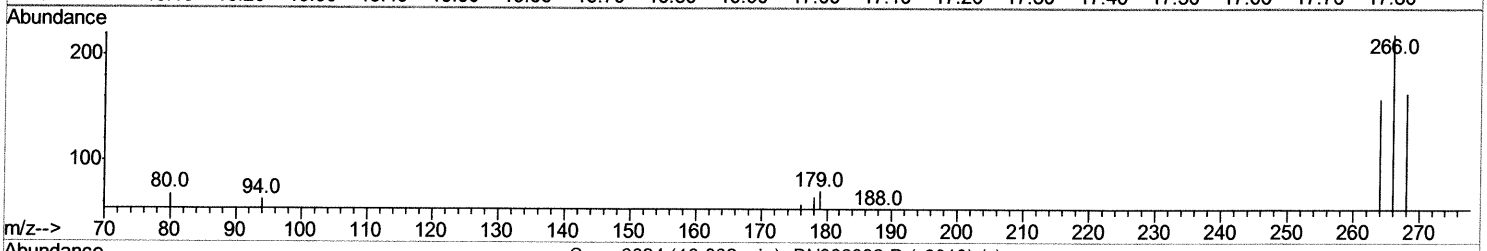
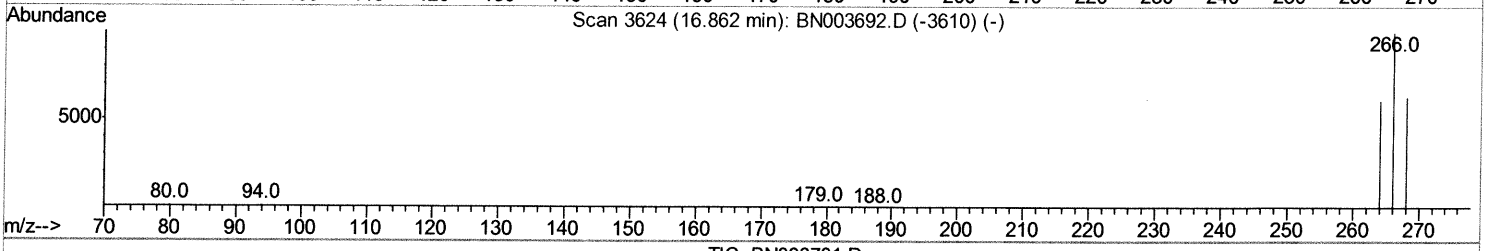
BNA_N
ClientSampleId :
F9J00DL

Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM







TIC: BN003701.D

(11) Pentachlorophenol

16.862min (-16.862) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	61.80	0.00#
268.00	64.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 04 Dec 2018 15:46
Operator : JU/SJ
Sample : J6137-07DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 04 16:45:09 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
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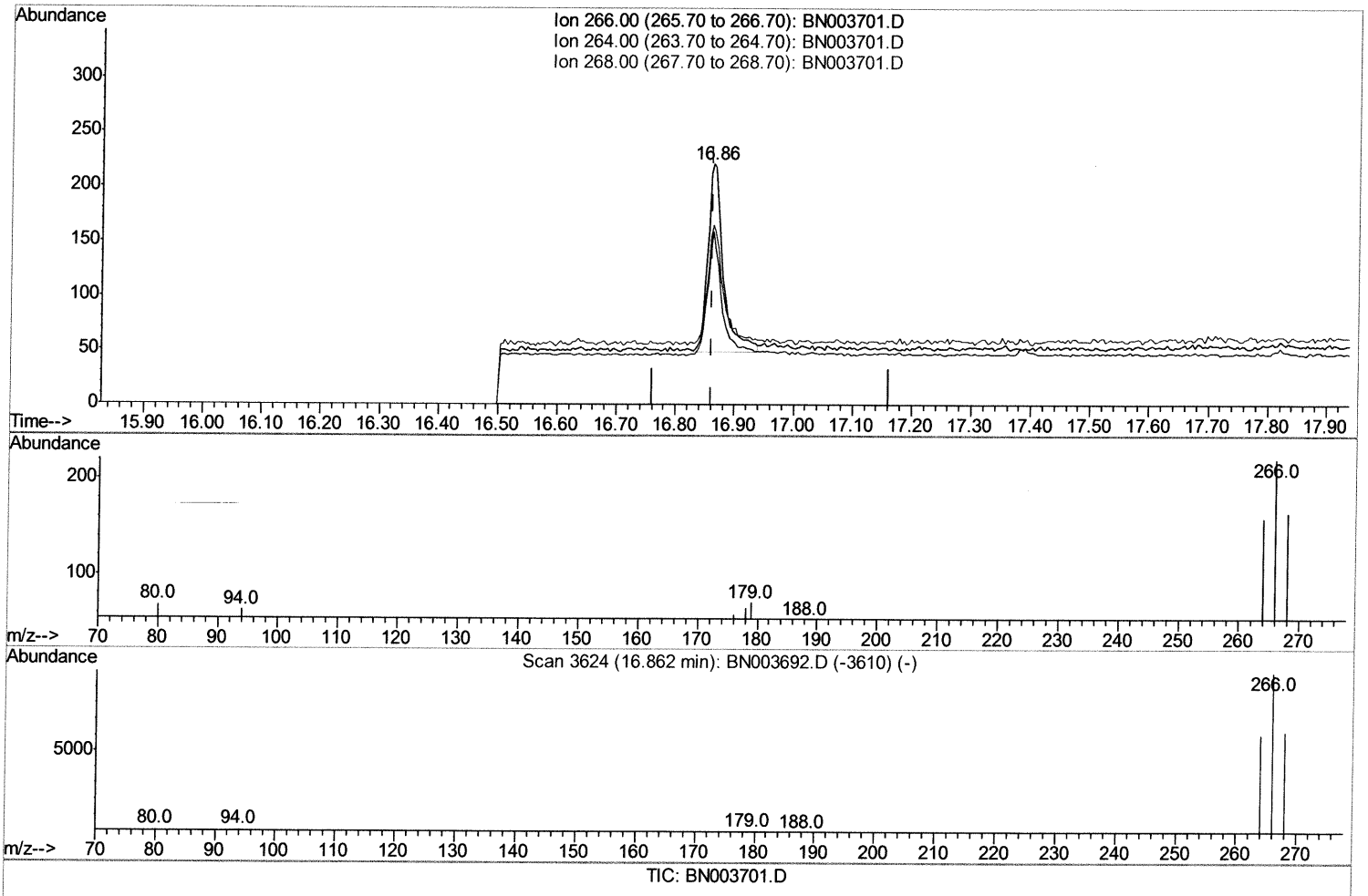
Instrument :
BNA_N
ClientSampleId :
F9J00DL

Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM



TIC: BN003701.D

(11) Pentachlorophenol

16.862min (+0.000) 0.07ng/ul m) SJ 12/11/18

response 320

Ion	Exp%	Act%
266.00	100	100
264.00	61.80	0.00#
268.00	64.60	0.00#
0.00	0.00	0.00

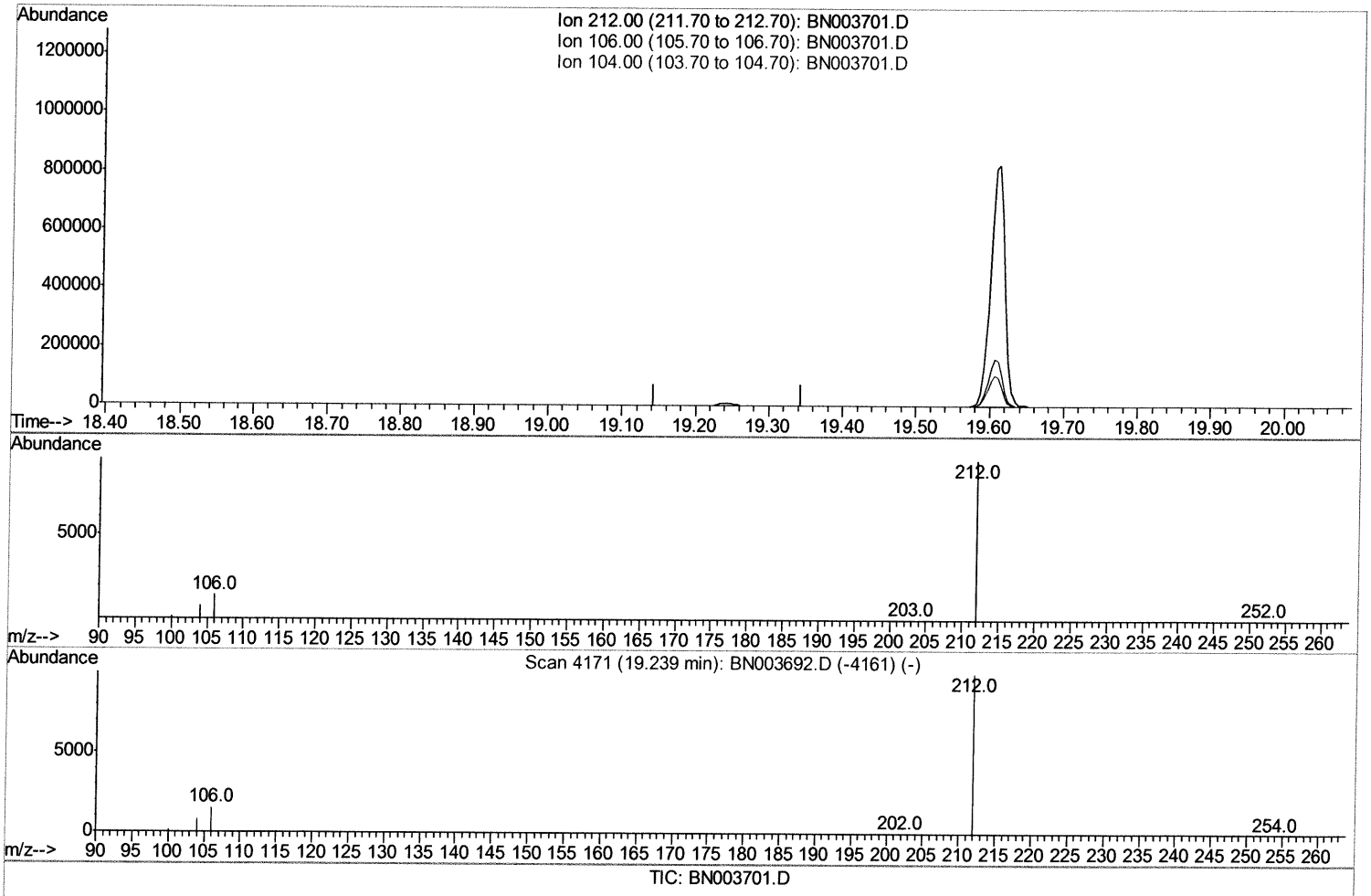
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003701.D
Acq On : 04 Dec 2018 15:46
Operator : JU/SJ
Sample : J6137-07DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 04 16:45:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9J00DL

Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM



TIC: BN003701.D

(14) Fluoranthene-d10 (SURR)

19.244min (-19.244) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

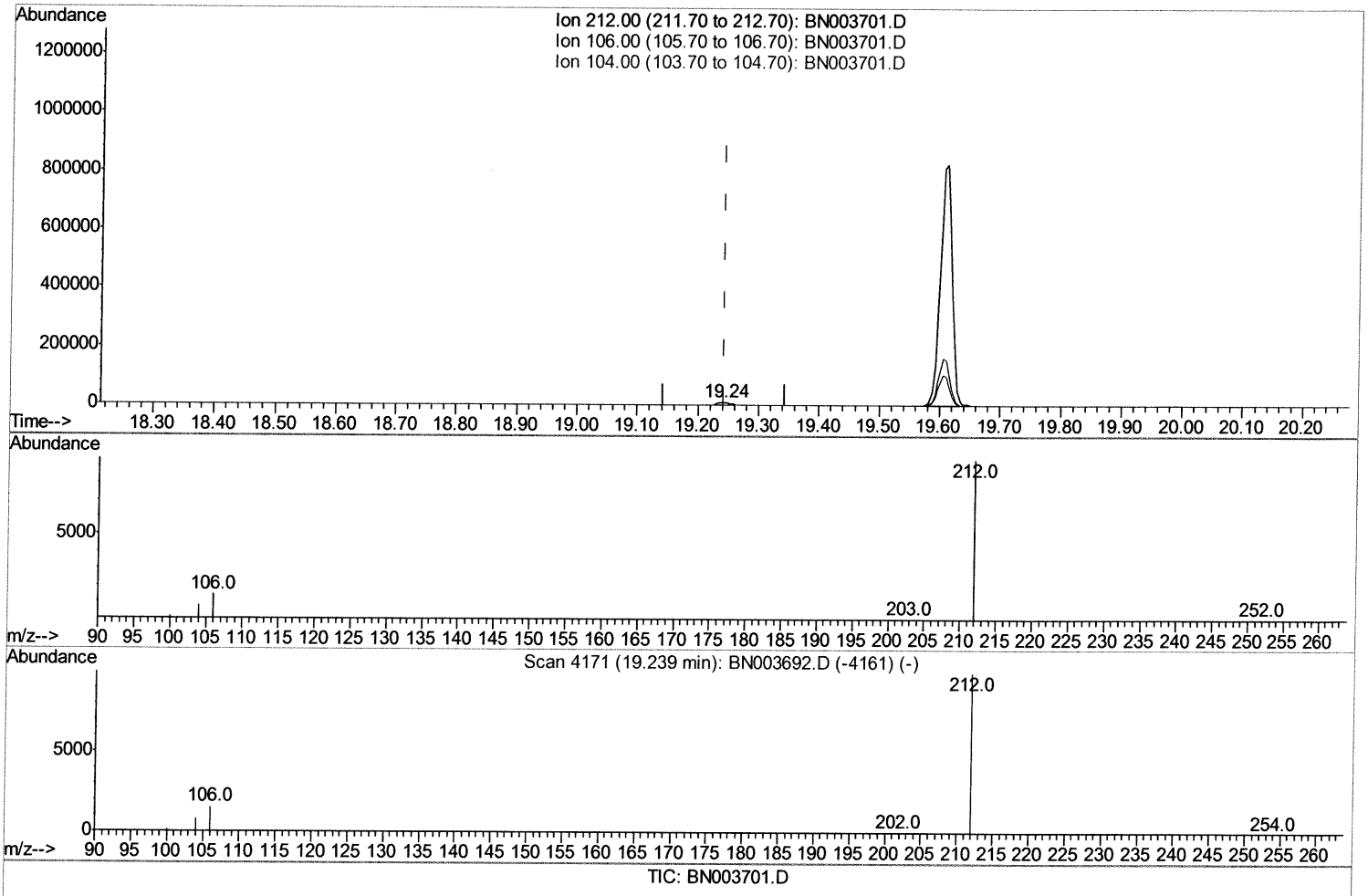
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003701.D
Acq On : 04 Dec 2018 15:46
Operator : JU/SJ
Sample : J6137-07DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 04 16:45:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 11:17:33 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9J00DL

Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM



TIC: BN003701.D

(14) Fluoranthene-d10 (SURR)

19.244min (+0.000) 0.18ng/ul m) SJ 12/11/18

response 13110

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003701.D
Acq On : 04 Dec 2018 15:46
Operator : JU/SJ
Sample : J6137-07DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 04 16:45:09 2018
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BNA_N
ClientSampleId :
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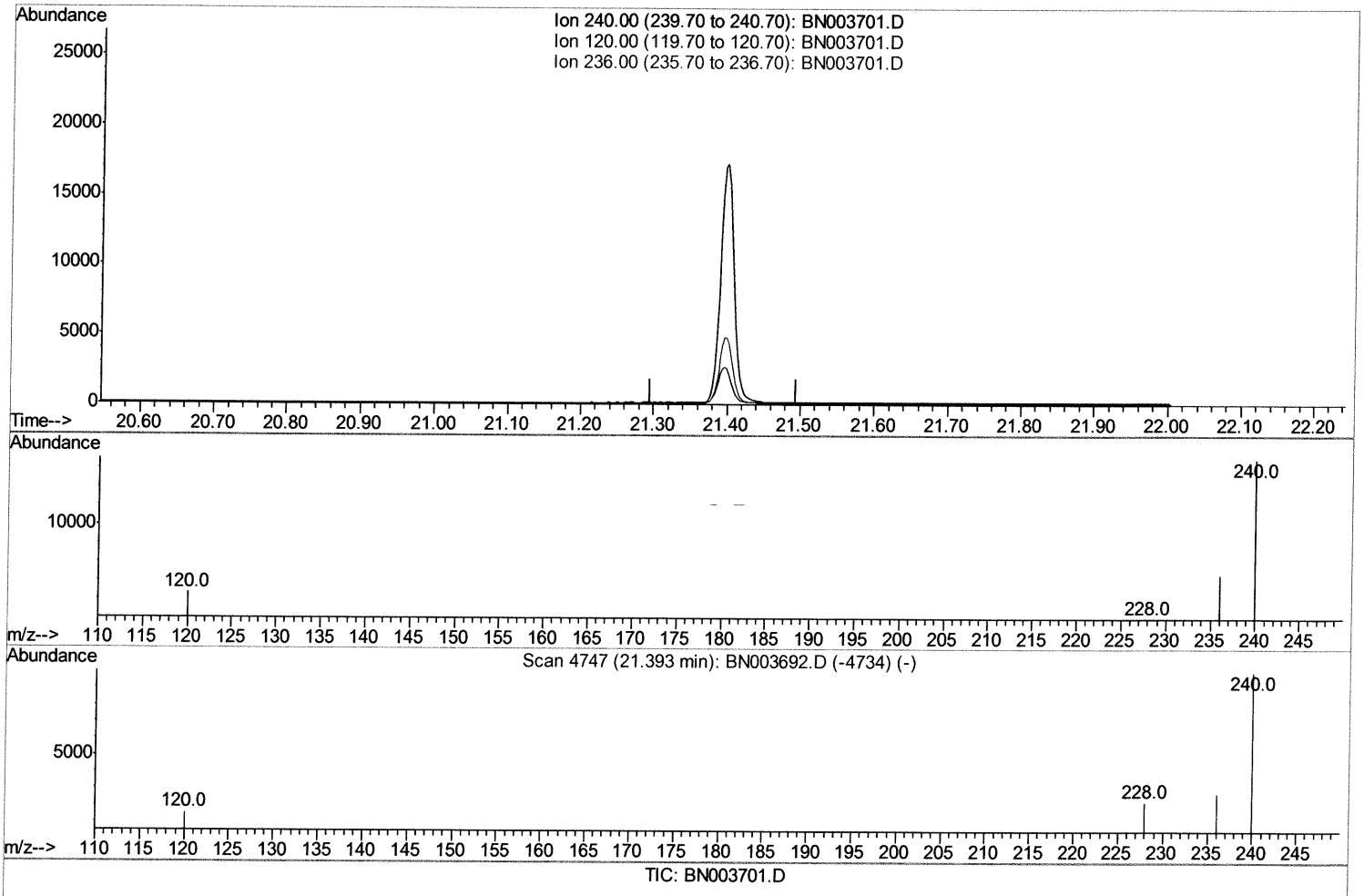
Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM



TIC: BN003701.D

(16) Chrysene-d12 (I)

21.396min (-21.396) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.00	0.00#
236.00	27.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
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Sample : J6137-07DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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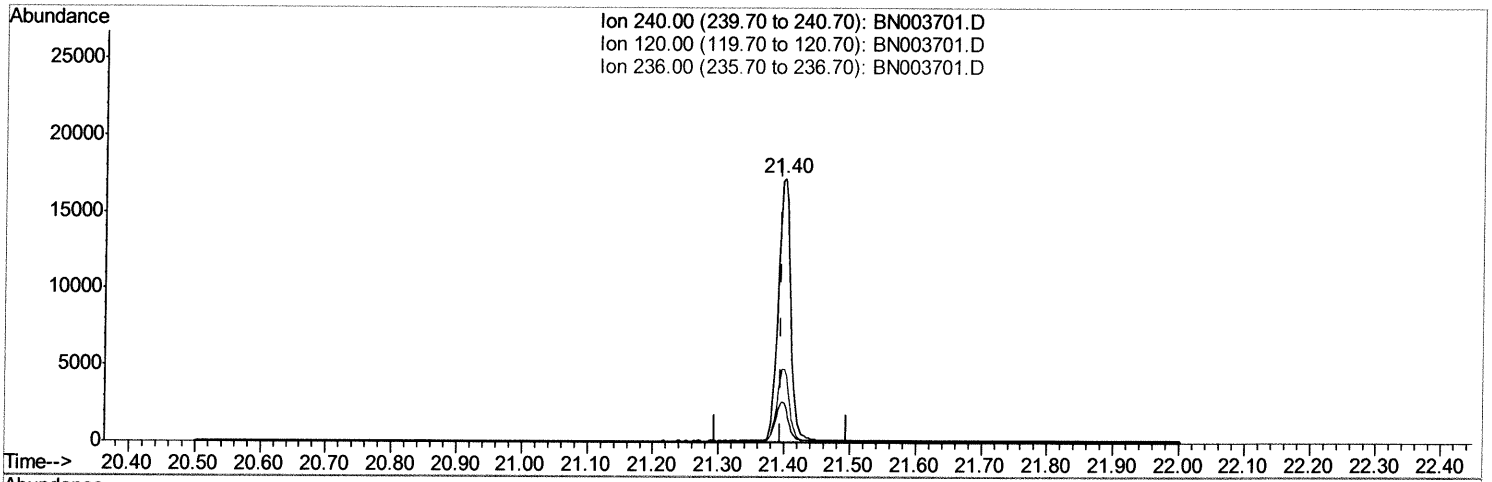
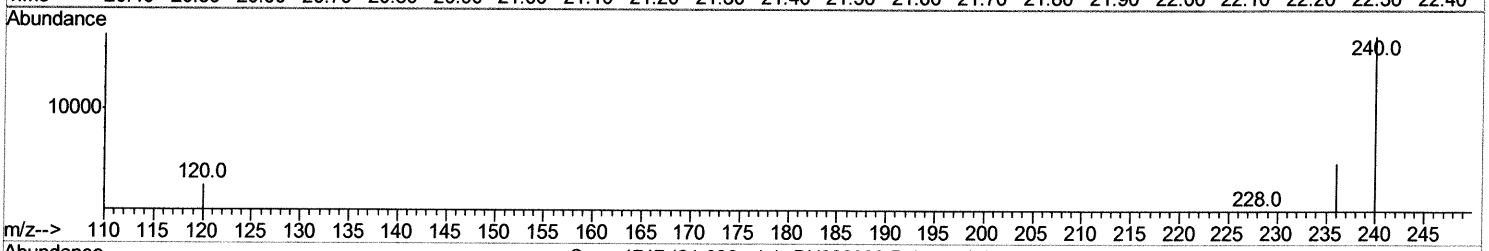
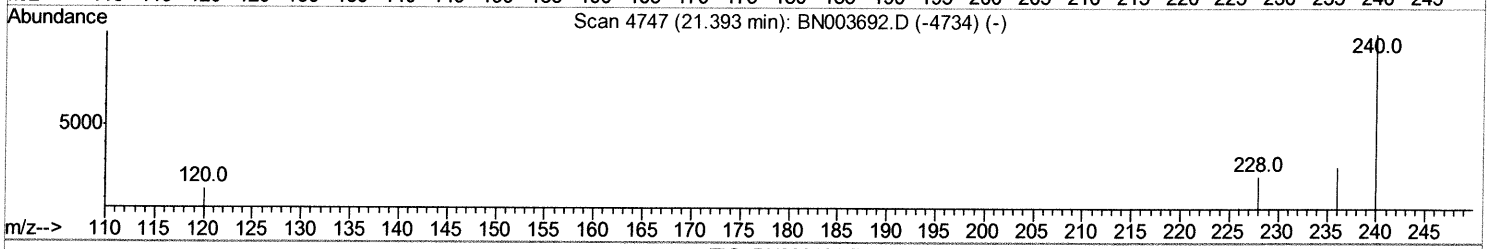
Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM







TIC: BN003701.D

(16) Chrysene-d12 (I)

21.400min (+0.004) 0.40ng/ul m> SJ 12/11/18

response 22514

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	15.03
236.00	27.60	27.62
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
Data File : BN003701.D
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Sample : J6137-07DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
mohammad
12/6/2018 10:34:07 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5124	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20870	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11518	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	25585m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	22514m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	23671	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5117	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	13110m	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1154140	19.688	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	36344	0.888	ng/ul	100
7) Acenaphthylene	14.20	152	2910	0.056	ng/ul#	94
8) Acenaphthene	14.54	153	12170	0.268	ng/ul	99
9) Fluorene	15.52	166	7113	0.134	ng/ul	98
11) Pentachlorophenol	16.86	266	320m	0.069	ng/ul	
12) Phenanthrene	17.26	178	4548	0.054	ng/ul	96

SJ 12/11/18

SJ 12/11/18

SJ 12/11/18

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