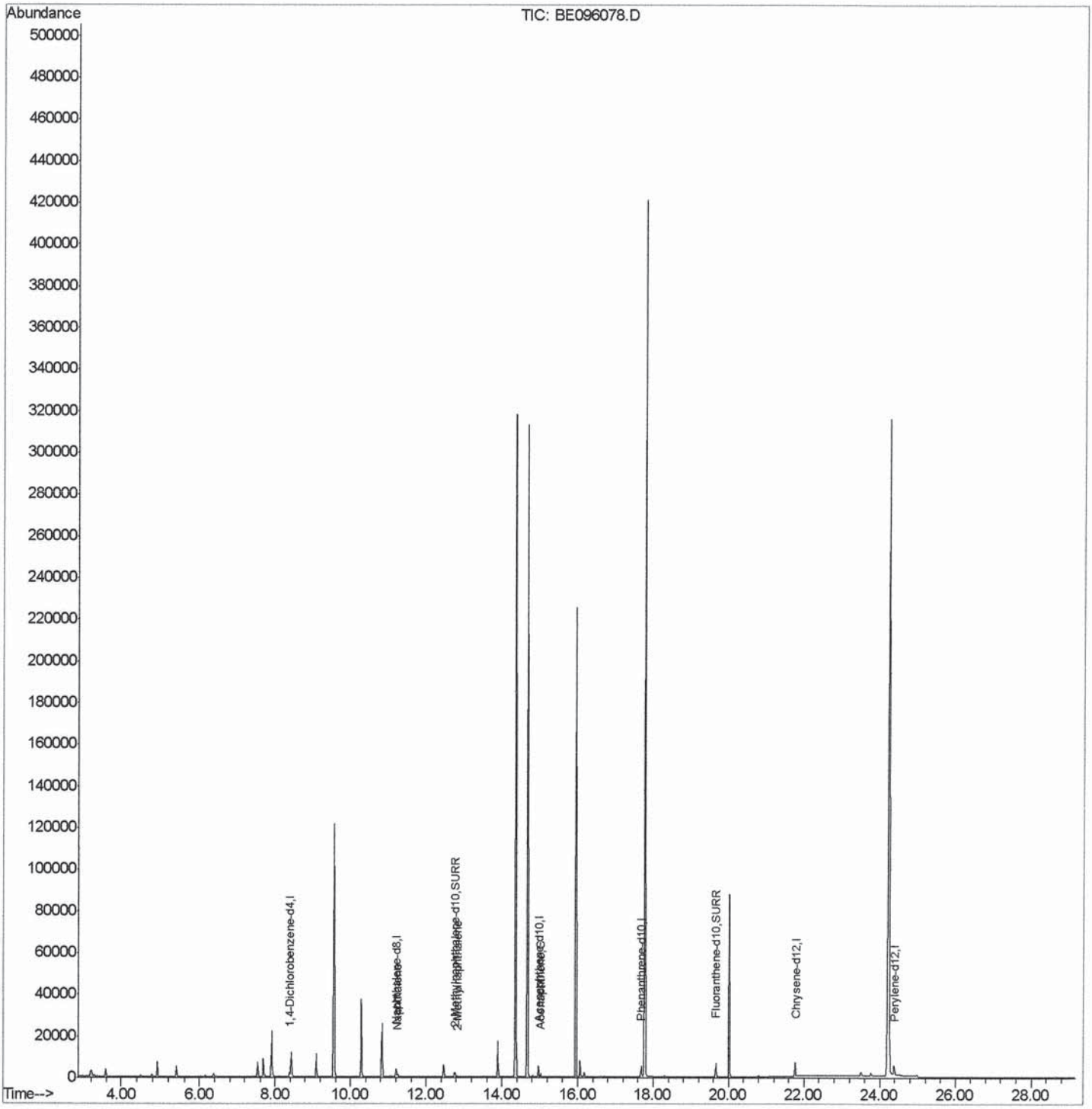
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096078.D
Acq On : 23 Apr 2018 11:00
Operator : SJ/JU
Sample : J2356-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 24 05:44:09 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Y05

Manual Integrations APPROVED
Sohil
4/24/2018 7:09:44 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096078.D
Acq On : 23 Apr 2018 11:00
Operator : SJ/JU
Sample : J2356-21
Misc :
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Quant Time: Apr 24 05:21:33 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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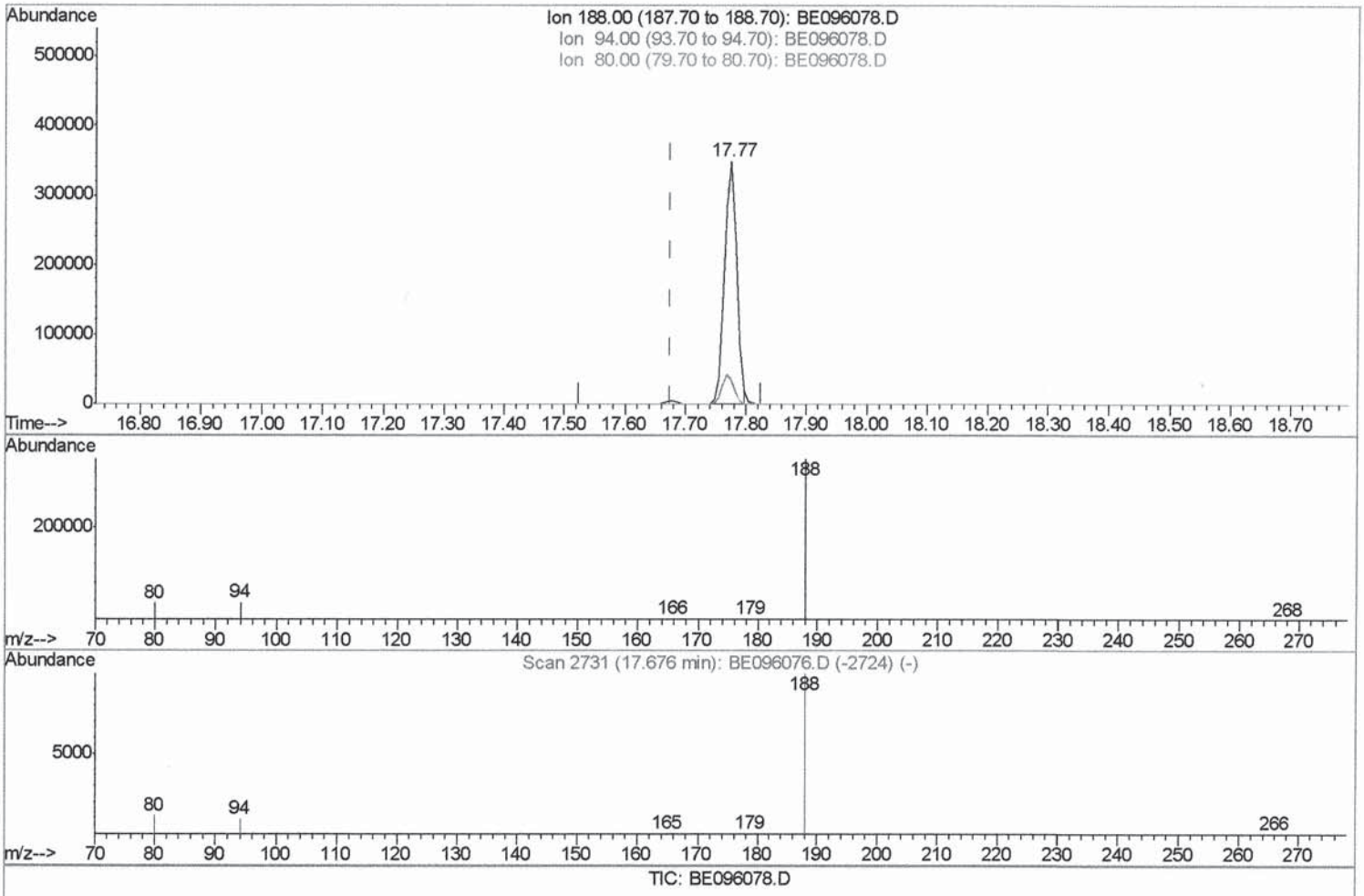
ClientSampleId :
A3Y05

Manual Integrations APPROVED
Sohil
4/24/2018 7:09:44 PM



TIC: BE096078.D

(10) Phenanthrene-d10 (I)

17.775min (+0.099) 0.40ng/ul

response 485702

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.52
80.00	11.80	10.08
0.00	0.00	0.00

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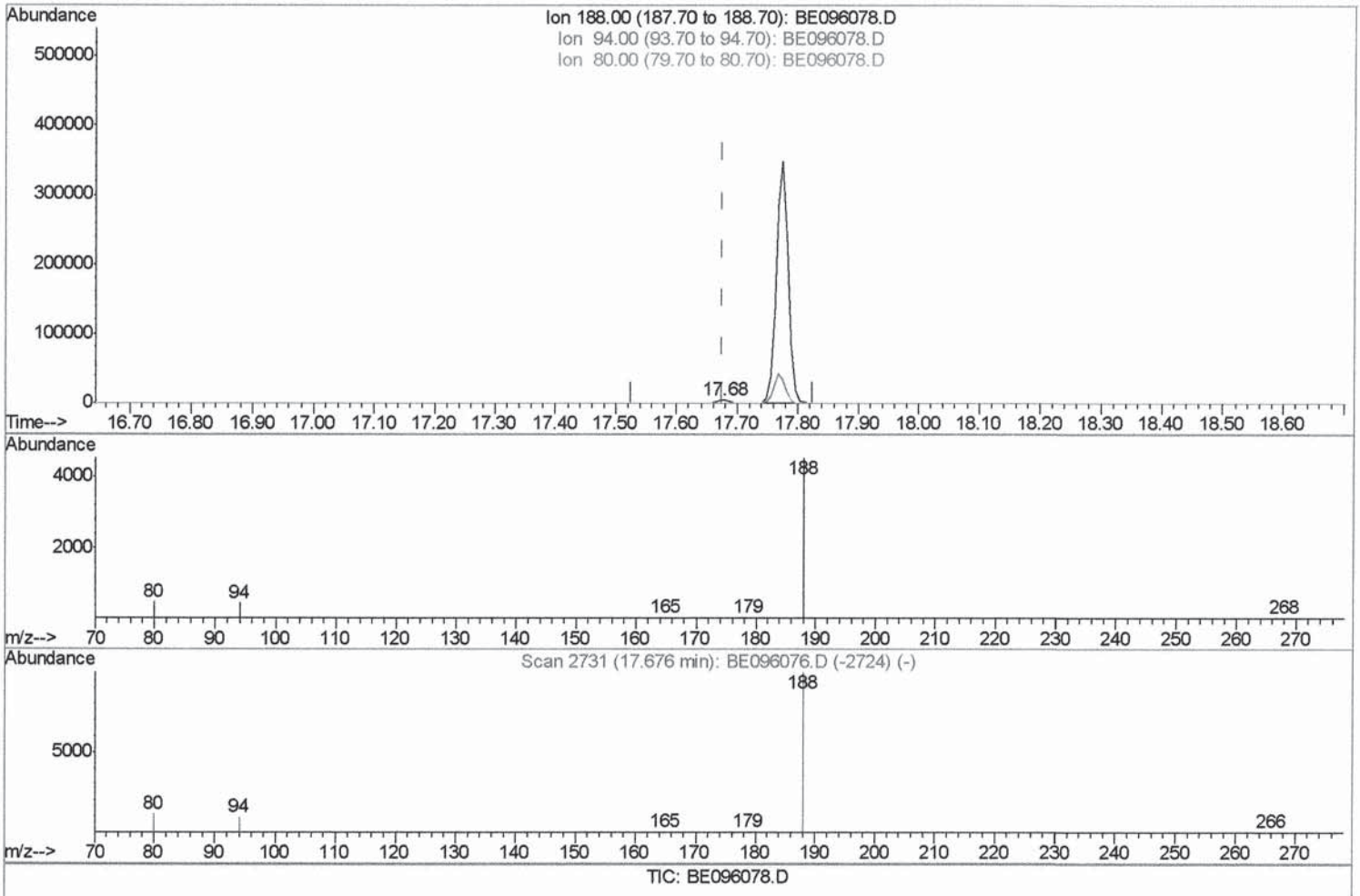
Manual Integrations APPROVED
Sohil
4/24/2018 7:09:44 PM



TIC: BE096078.D

(10) Phenanthrene-d10 (I)

17.676min (+0.000) 0.40ng/ul m SJ 4/27/18

response 6438

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.26
80.00	11.80	11.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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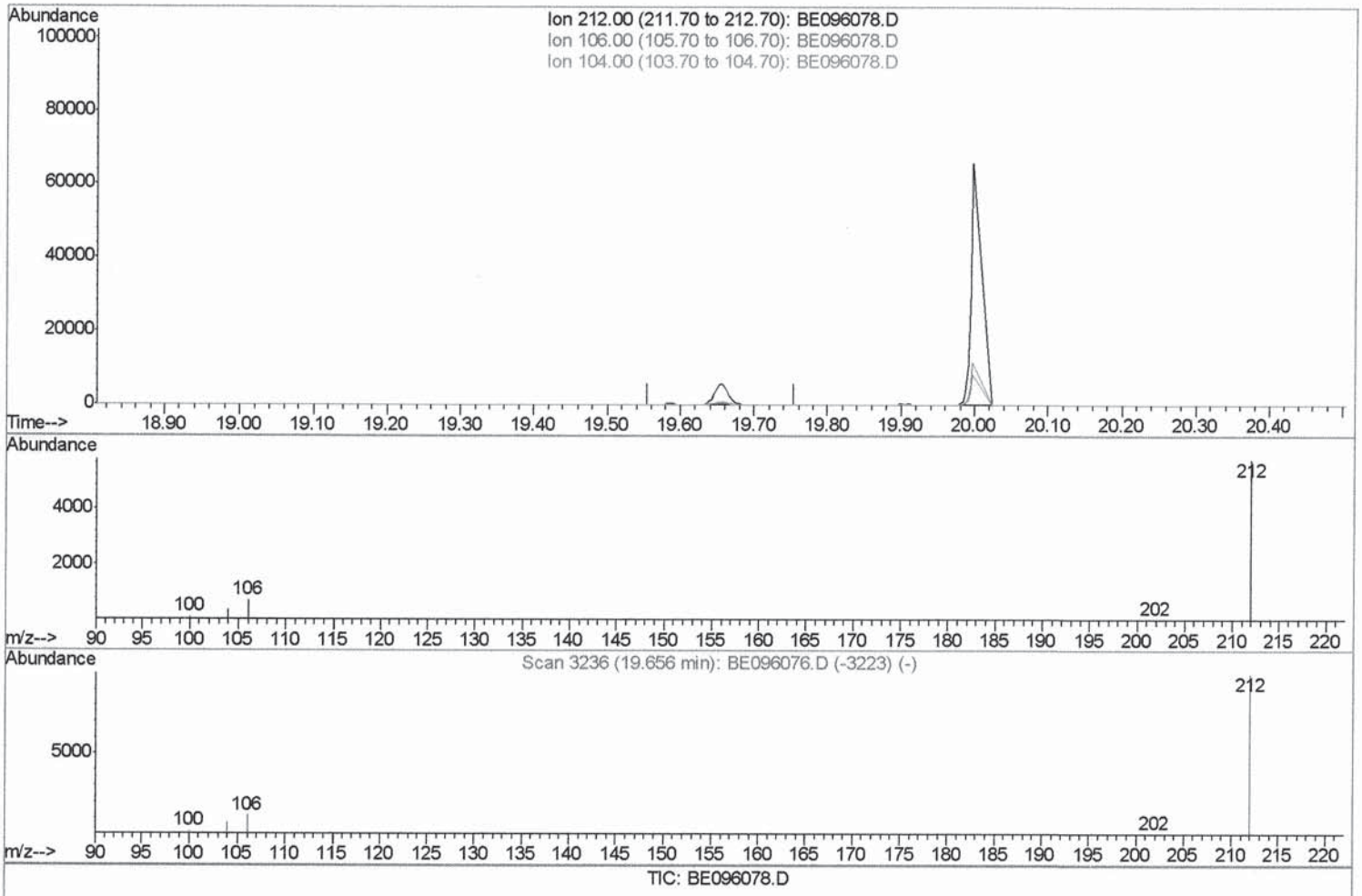
Data File : BE096078.D
Acq On : 23 Apr 2018 11:00
Operator : SJ/JU
Sample : J2356-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 24 05:29:20 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Y05

Manual Integrations APPROVED
Sohil
4/24/2018 7:09:44 PM



TIC: BE096078.D

(14) Fluoranthene-d10 (SURR)

19.656min (-19.656) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096078.D
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Operator : SJ/JU
Sample : J2356-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

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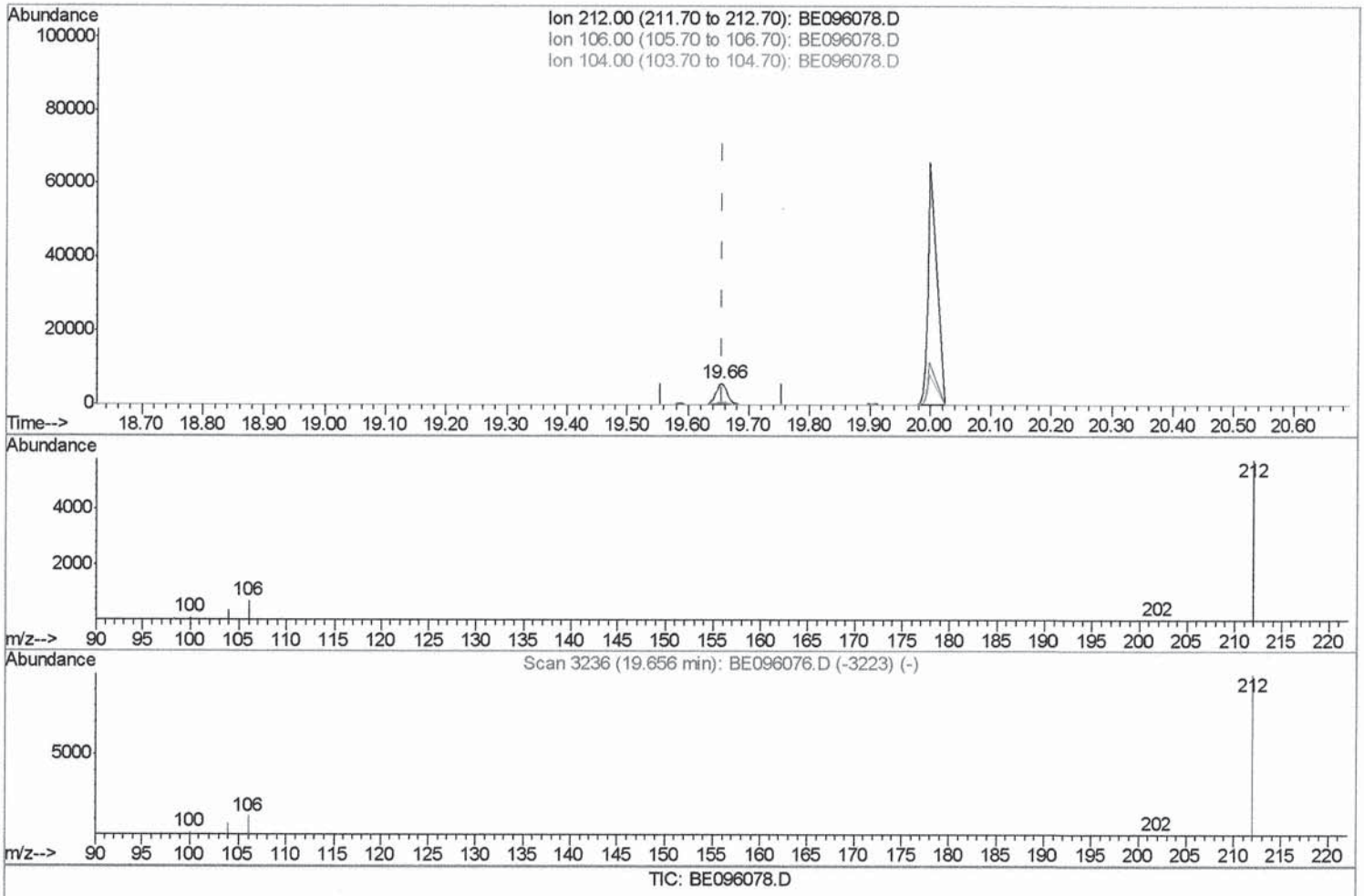
Instrument :
BNA_E
ClientSampleId :
A3Y05

Manual Integrations APPROVED
Sohil
4/24/2018 7:09:44 PM



TIC: BE096078.D

(14) Fluoranthene-d10 (SURR)

19.655min (-0.000) 0.28ng/ul m > SJ 4/27/18

response 7424

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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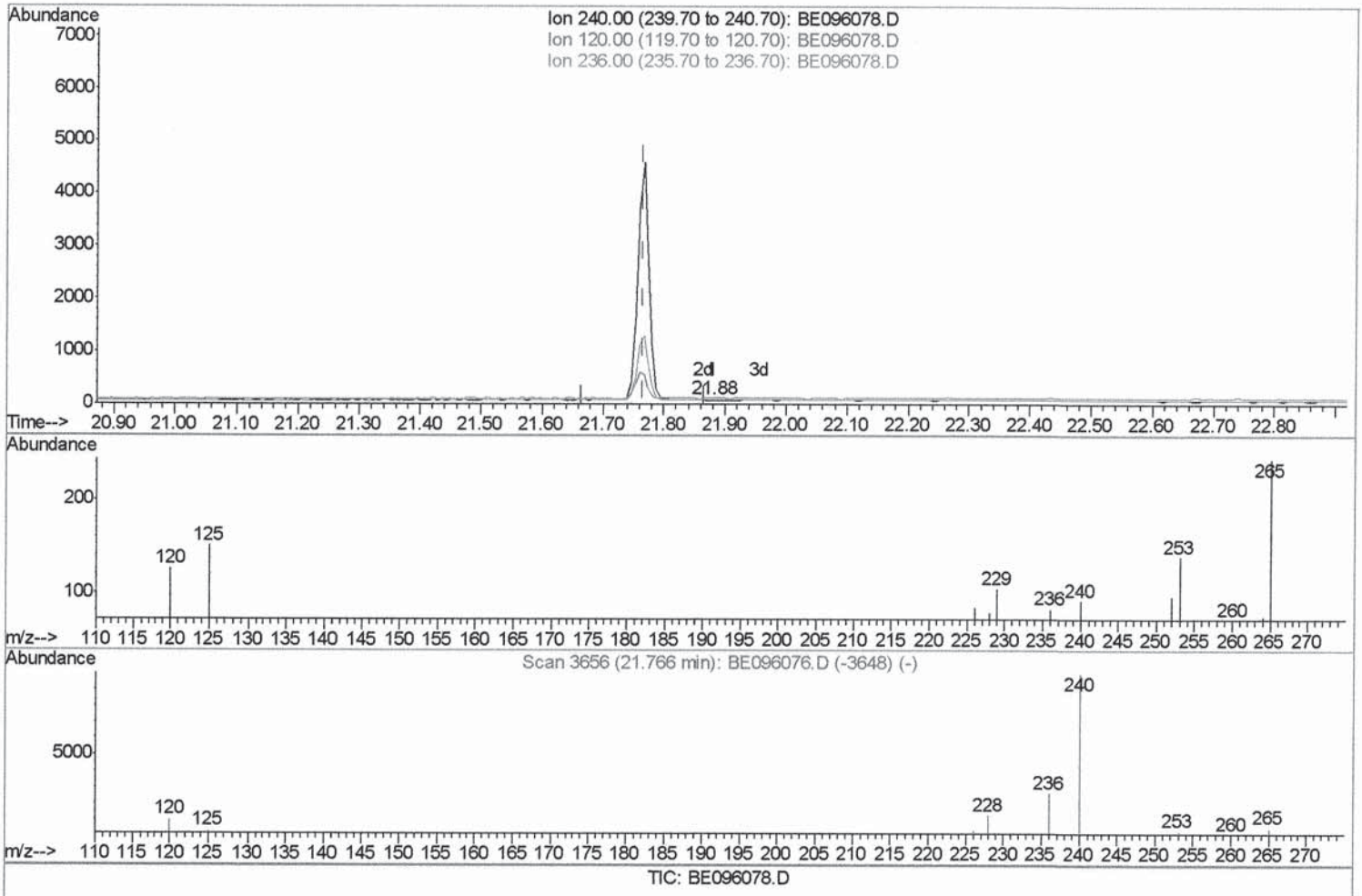
BNA_E
ClientSampleId :
A3Y05

Manual Integrations APPROVED
Sohil
4/24/2018 7:09:44 PM



TIC: BE096078.D

(16) Chrysene-d12 (I)

21.879min (+0.113) 0.40ng/ul

response 28

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	137.36#
236.00	34.90	90.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BE096078.D
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Sample : J2356-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 24 05:29:20 2018
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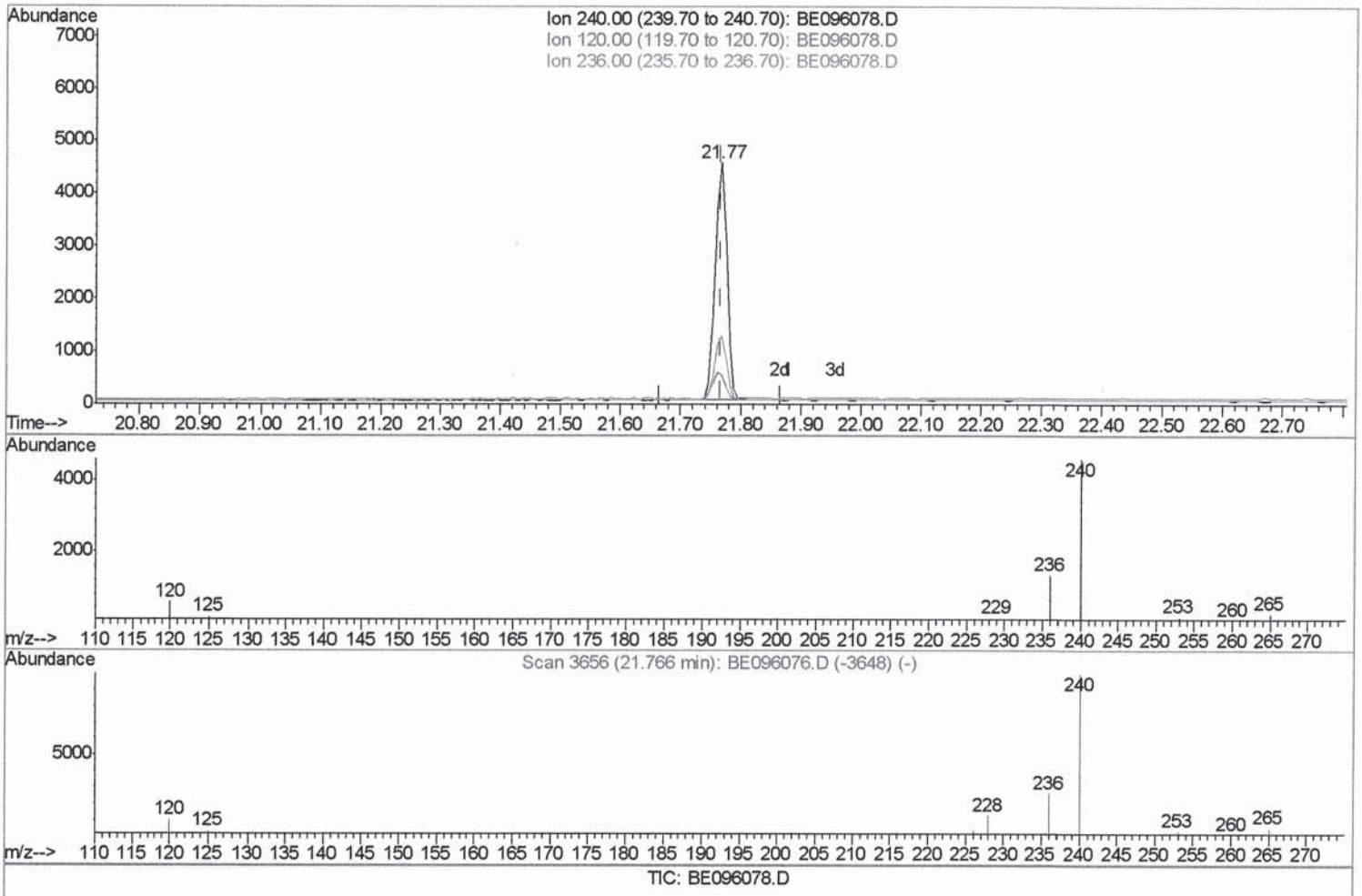
Instrument :
BNA_E
ClientSampleId :
A3Y05

Manual Integrations APPROVED
Sohil
4/24/2018 7:09:44 PM



TIC: BE096078.D

(16) Chrysene-d12 (I)

21.766min (+0.000) 0.40ng/ul m > SJ 4/27/18

response 6086

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.15#
236.00	34.90	28.75
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
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Acq On : 23 Apr 2018 11:00
Operator : SJ/JU
Sample : J2356-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y05

Manual Integrations APPROVED
Sohil
4/24/2018 7:09:44 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1825	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5403	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2983	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6438m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6086m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7879	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2952	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	7424m	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.25	128	832	0.055	ng/ul#	78
5) 2-Methylnaphthalene	12.83	142	444	0.043	ng/ul	95
8) Acenaphthene	15.02	153	1697	0.153	ng/ul#	26

SJ 4/24/18

SJ 4/24/18

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