

Quantitation Report (QT Reviewed)

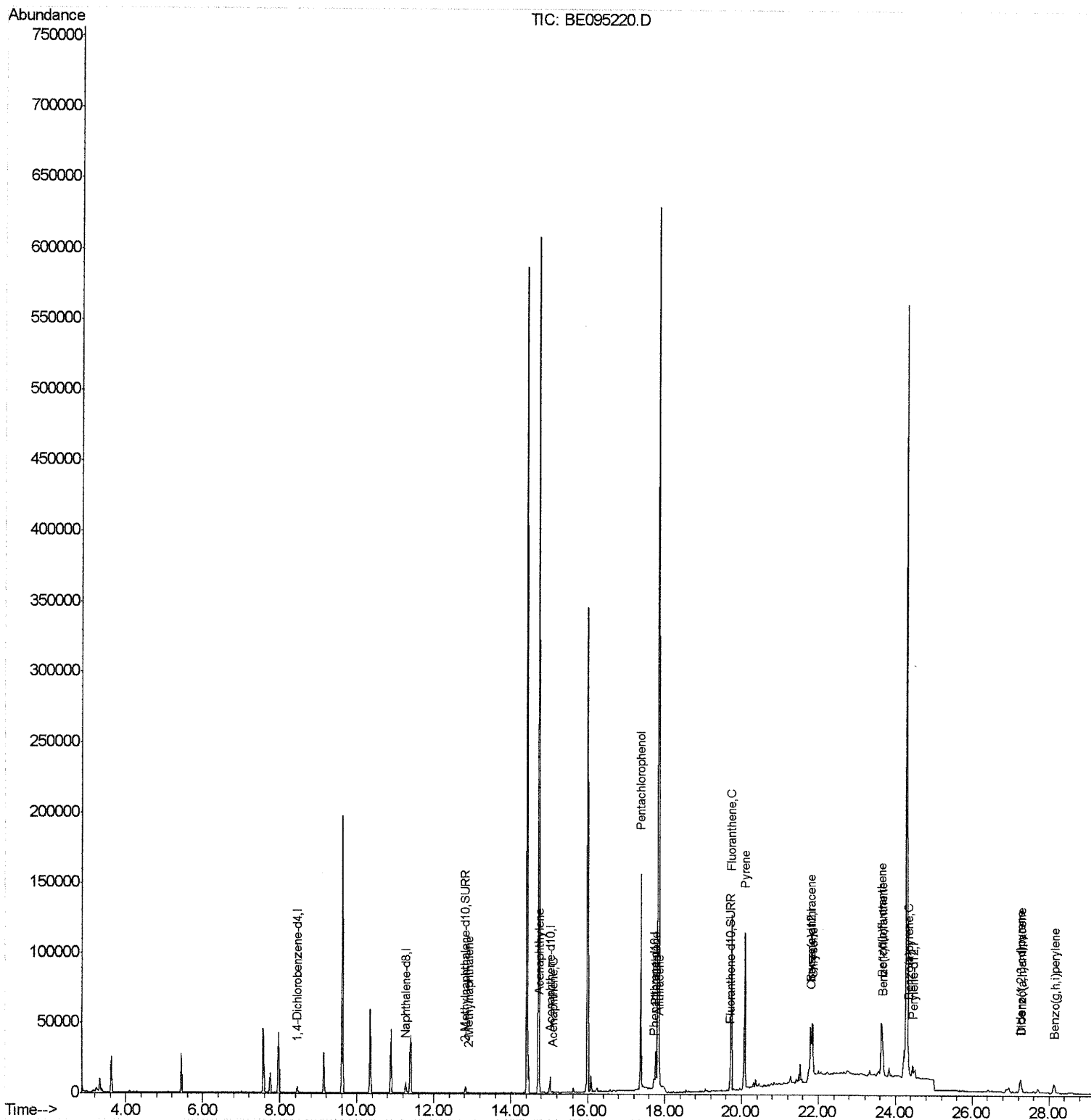
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A65

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:25:43 PM

Quant Time: Jan 29 08:01:16 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 06:58:46 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

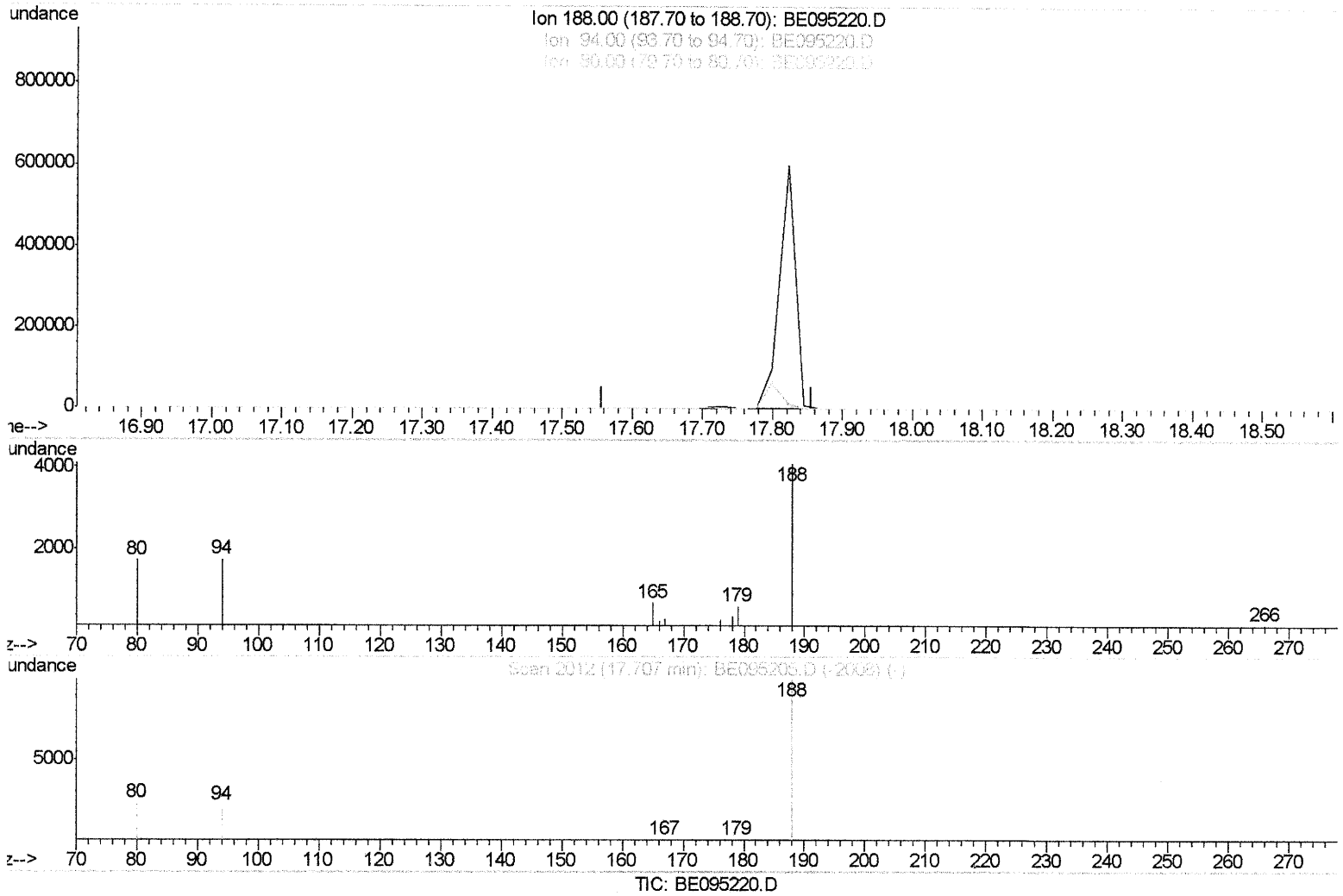
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Sohil
 1/29/2018 6:25:43 PM

Quant Time: Jan 29 07:00:44 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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(10) Phenanthrene-d10 (I)

17.707min (-17.707) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

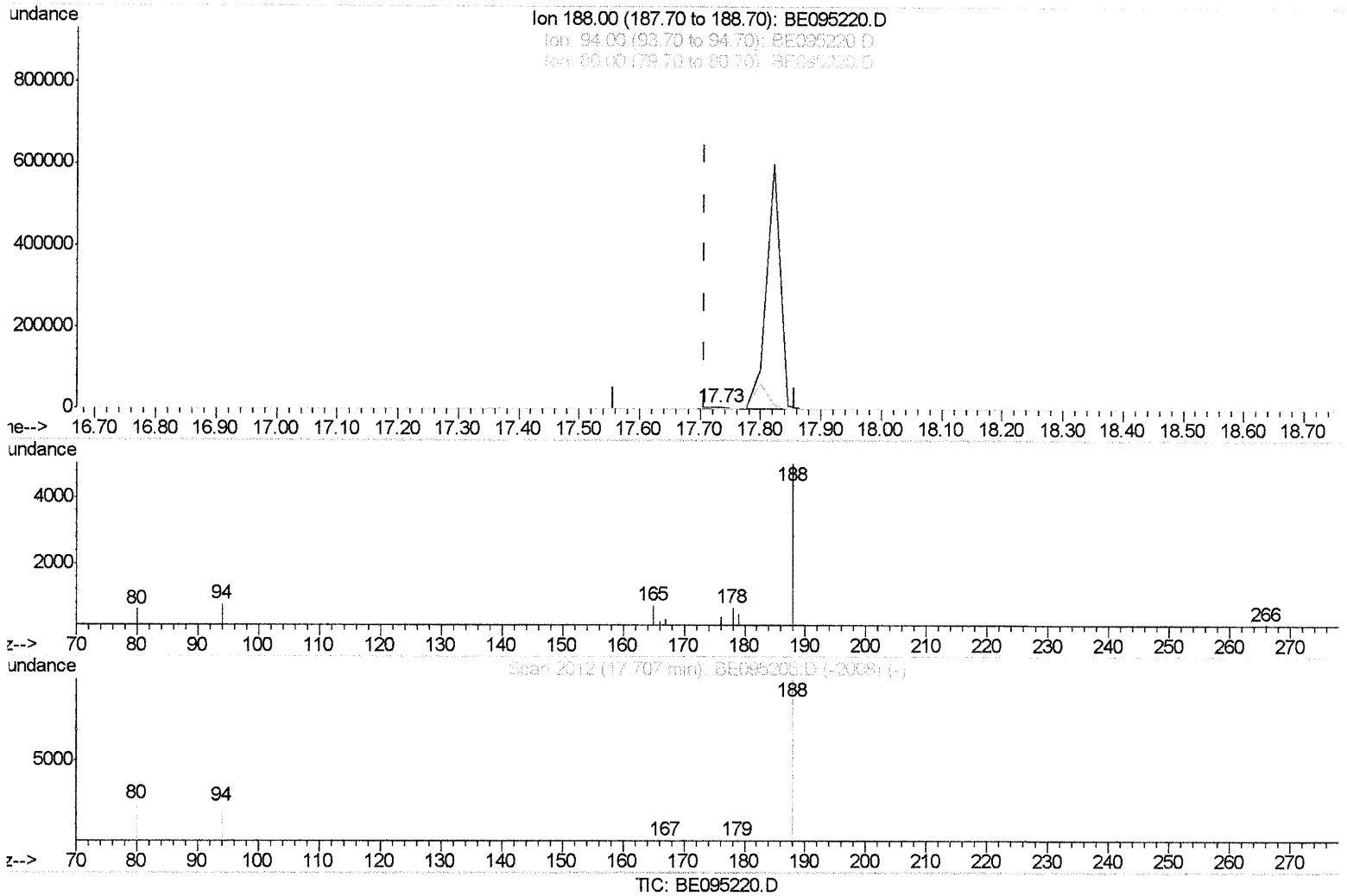
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
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(10) Phenanthrene-d10 (I)

17.730min (+0.023) 0.40ng/ul m

SJ/31/18

response 12918

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	14.78#
80.00	11.80	11.85
0.00	0.00	0.00

Quantitation Report (Qedit)

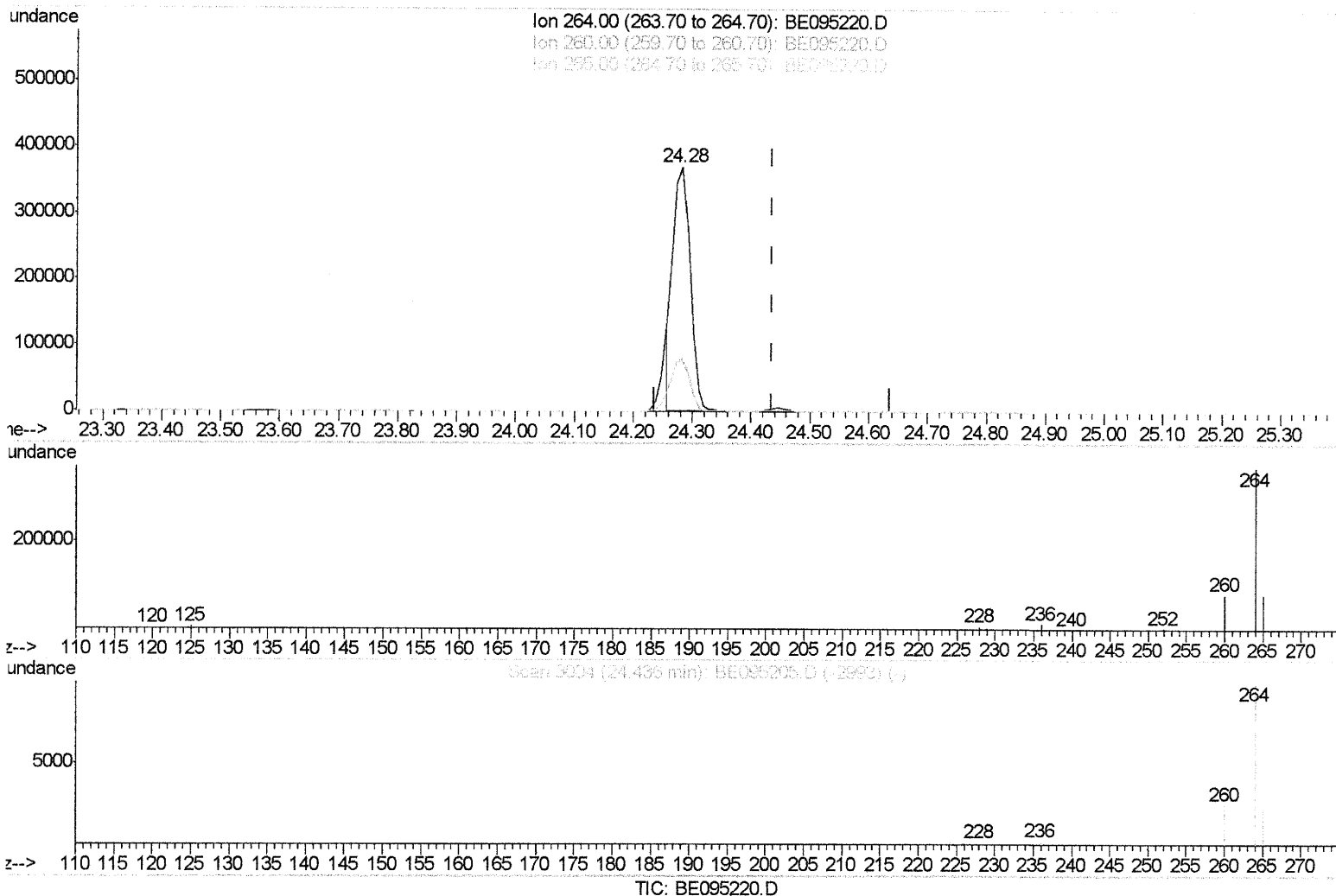
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
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Quant Time: Jan 29 07:58:24 2018
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(20) Perylene-d12 (I)

24.283min (-0.153) 0.40ng/ul

response 749813

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.45#
265.00	103.50	21.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

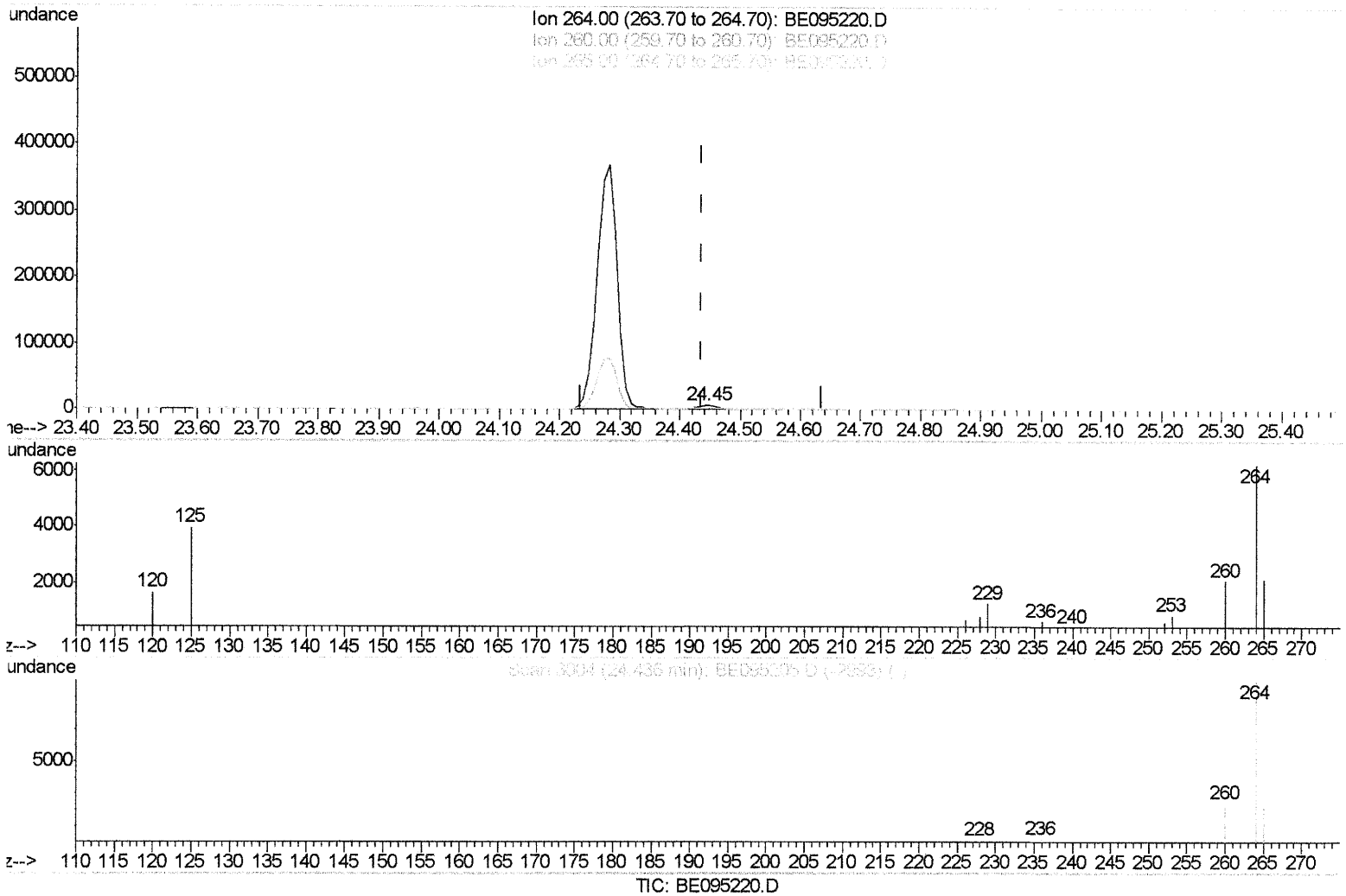
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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(20) Perylene-d12 (I)

24.445min (+0.009) 0.40ng/ul m

531/31/18

response 11418

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	33.80
265.00	103.50	34.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

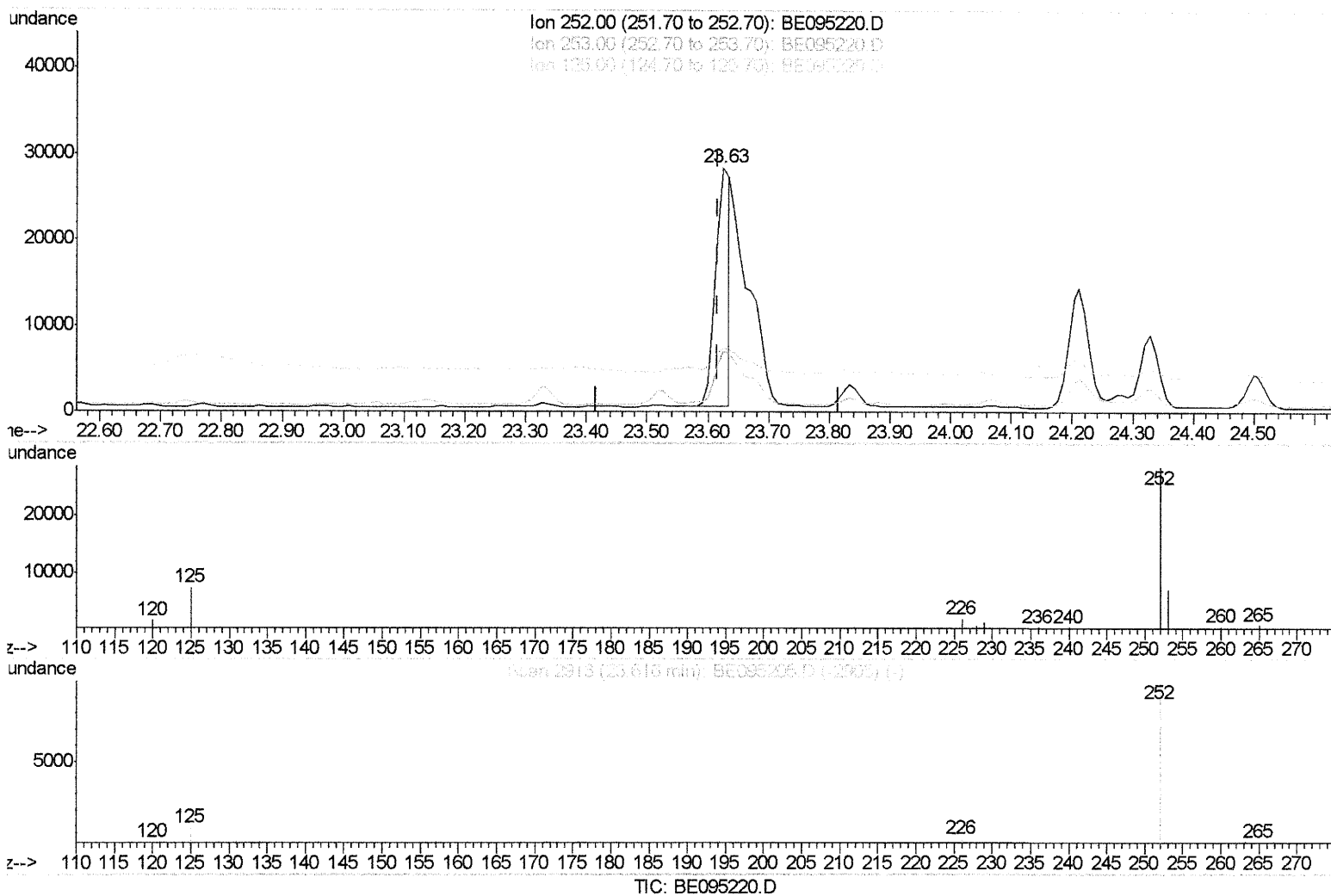
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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(21) Benzo(b)fluoranthene

23.625min (+0.009) 1.17ng/ul

response 47273

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.05
125.00	17.50	25.91
0.00	0.00	0.00

Quantitation Report (Qedit)

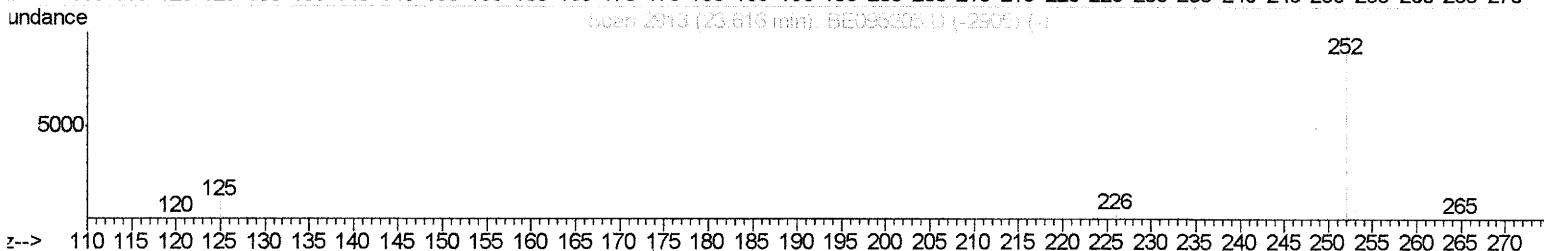
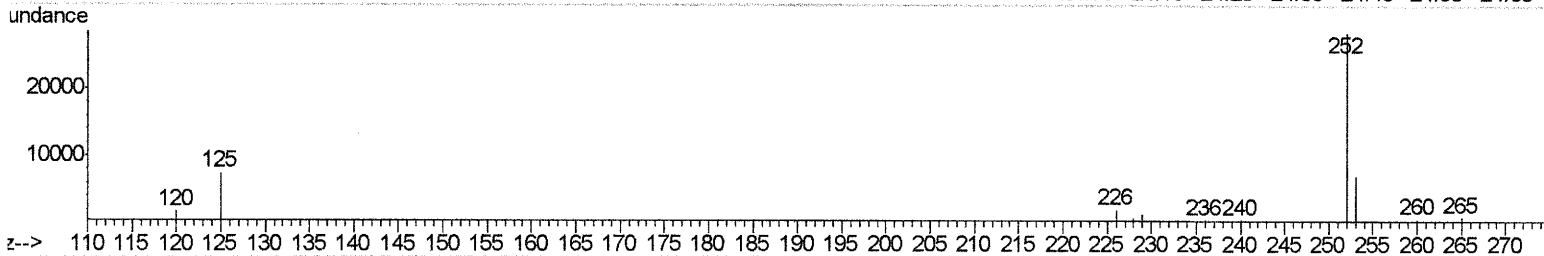
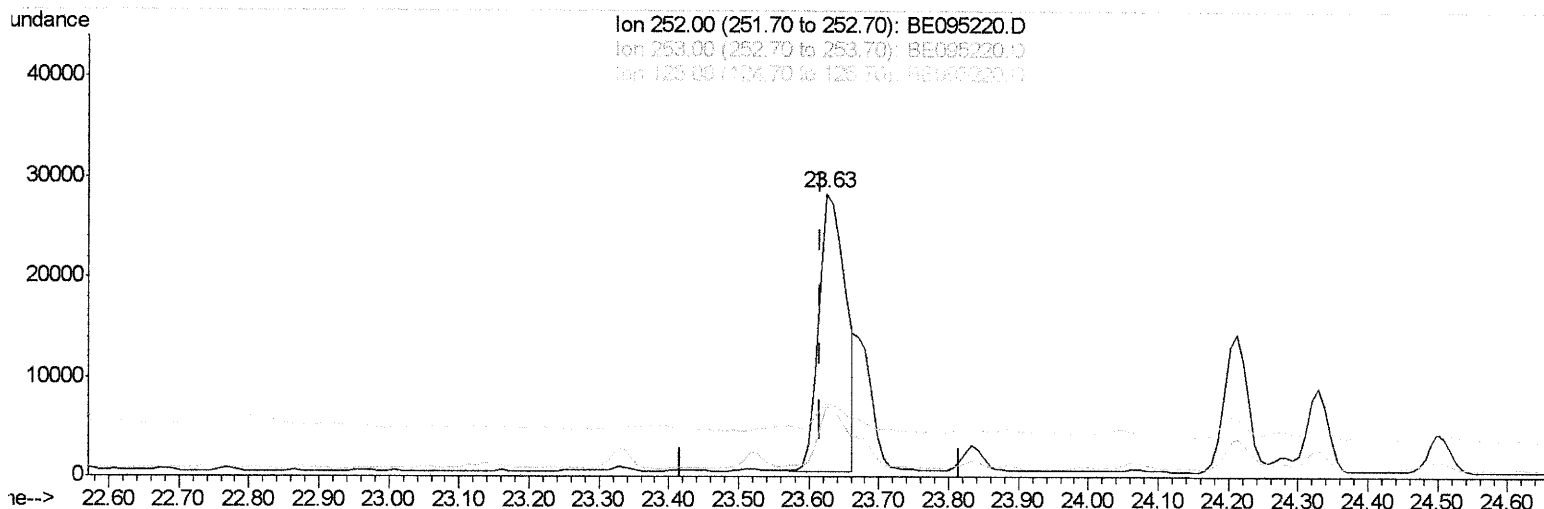
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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TIC: BE095220.D

(21) Benzo(b)fluoranthene

23.625min (+0.009) 1.91ng/ul m

SJ 1/31/18

response 76946

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.05
125.00	17.50	25.91
0.00	0.00	0.00

Quantitation Report (Qedit)

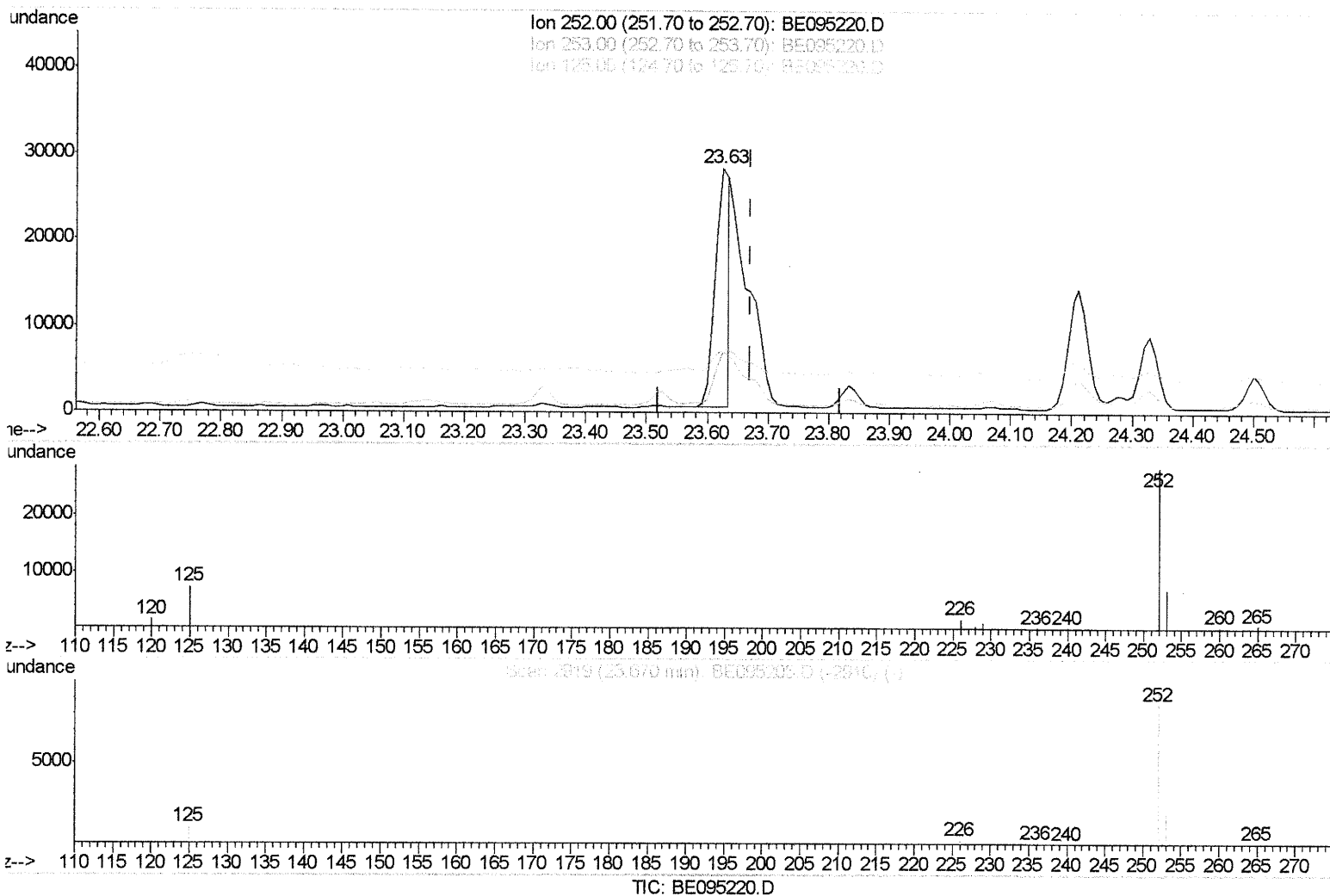
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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(22) Benzo(k)fluoranthene

23.625min (-0.045) 1.28ng/ul

response 47273

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.05
125.00	17.10	25.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

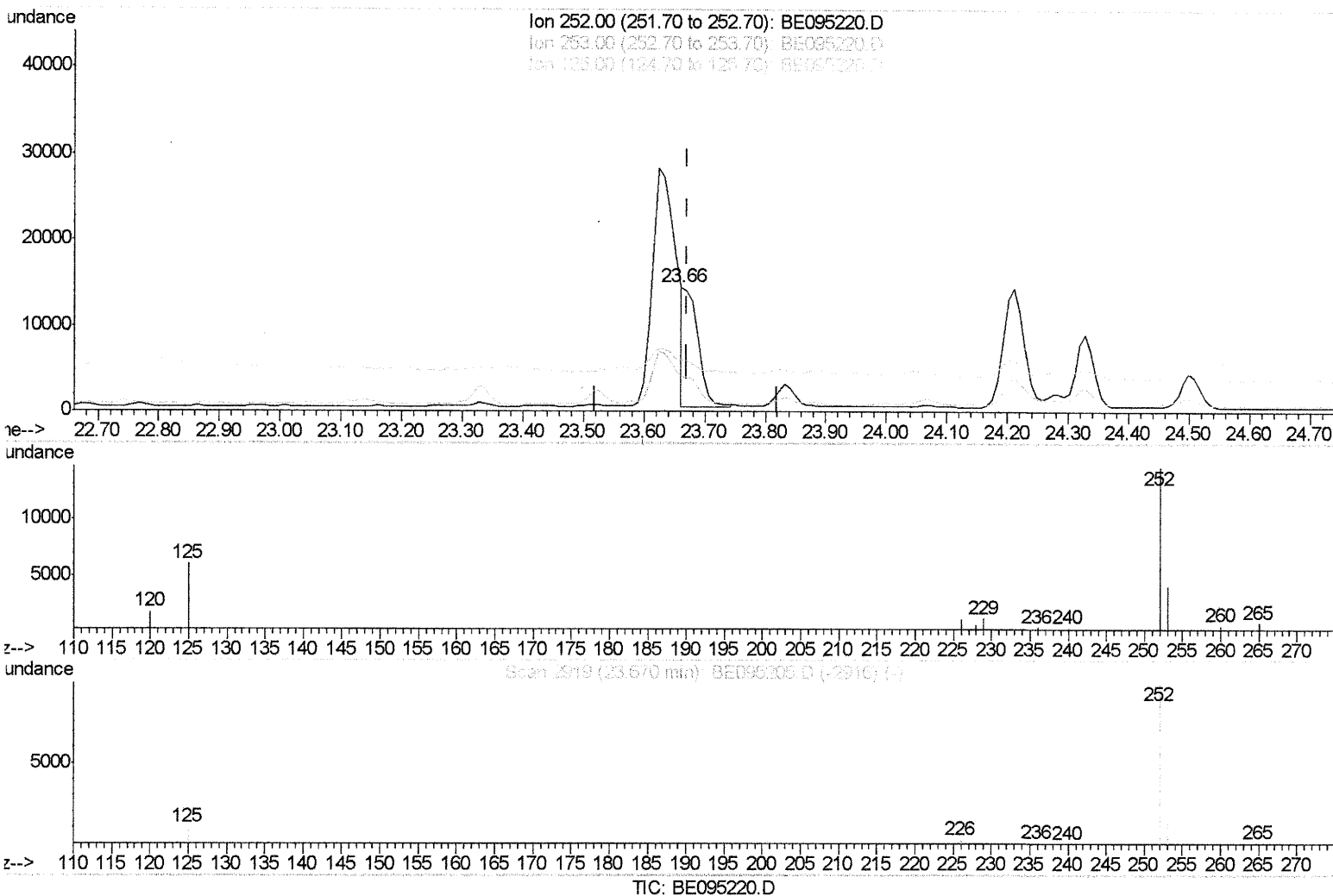
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 F6A65

Manual Integrations
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(22) Benzo(k)fluoranthene

23.661min (-0.009) 0.59ng/ul m

response 21744

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.45
125.00	17.10	41.81#
0.00	0.00	0.00

SJ 1/31/18

Quantitation Report (Qedit)

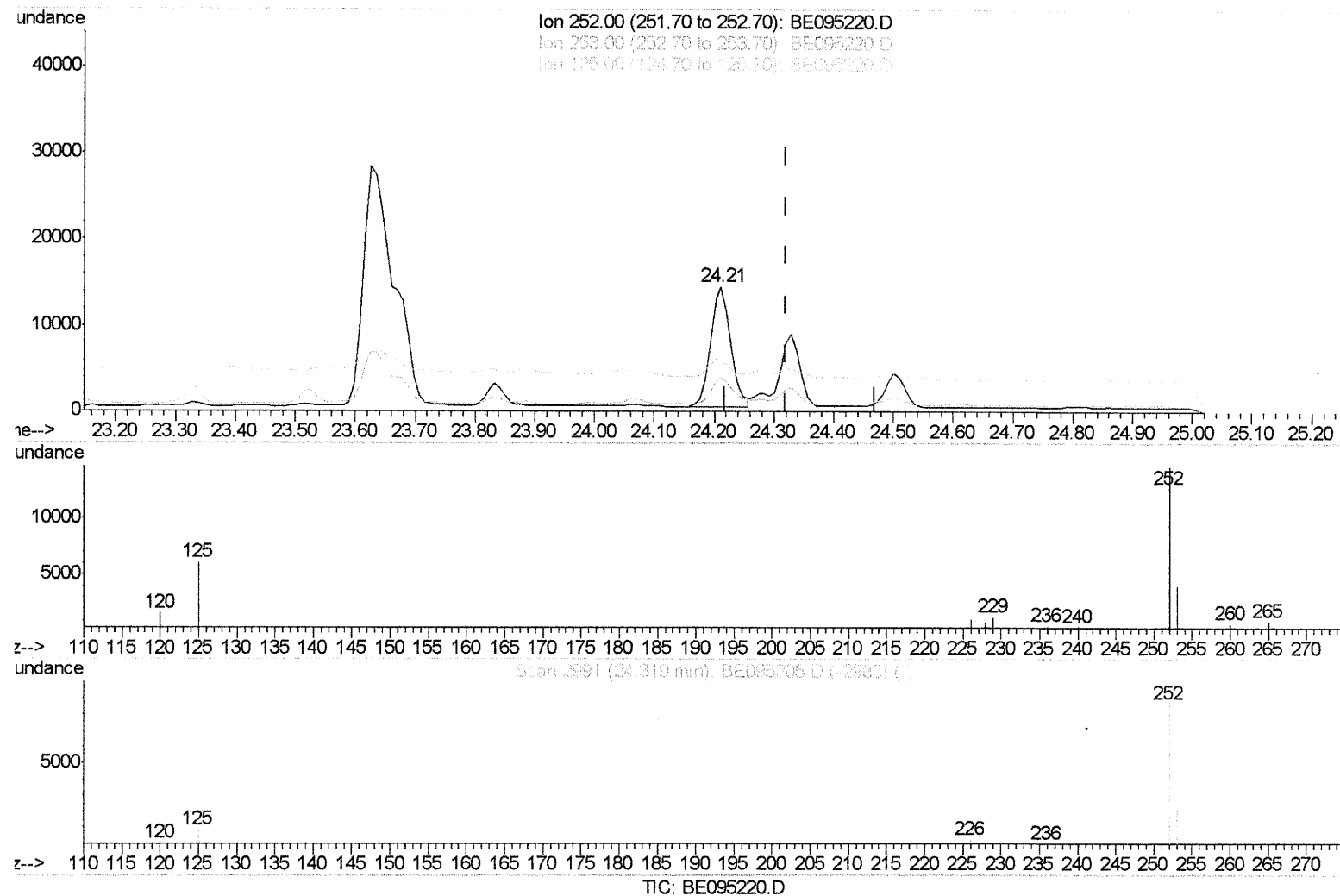
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
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(23) Benzo(a)pyrene (C)

24.211min (-0.108) 0.92ng/ul

response 33091

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.18#
125.00	22.60	41.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

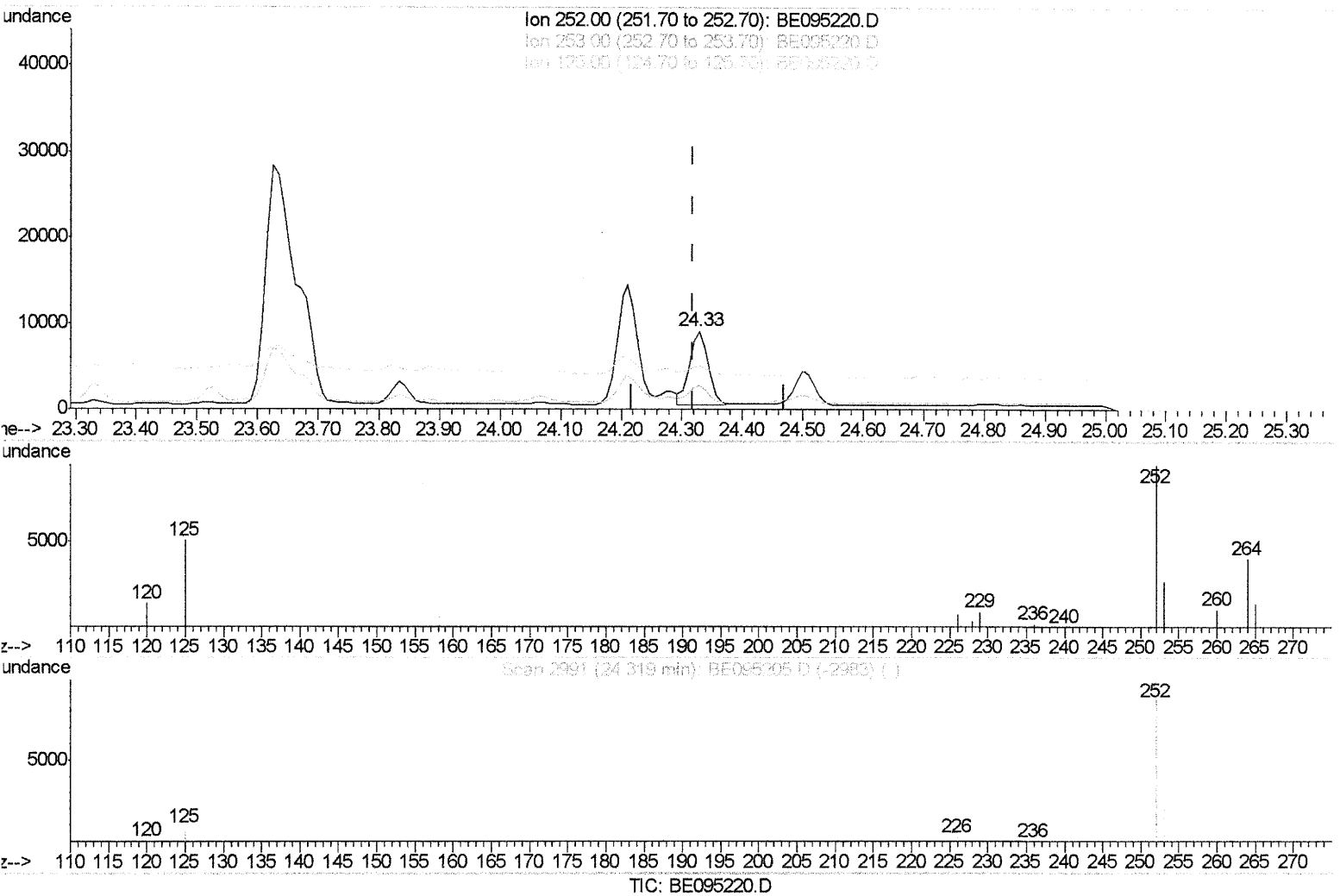
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 Client Sampled :
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(23) Benzo(a)pyrene (C)

24.328min (+0.009) 0.50ng/ul m

SJ 1/31/18

response 17946

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.54
125.00	22.60	55.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

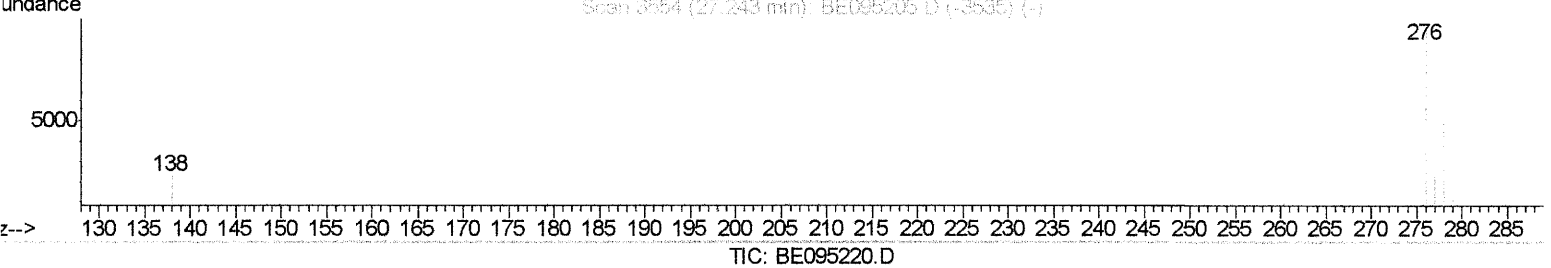
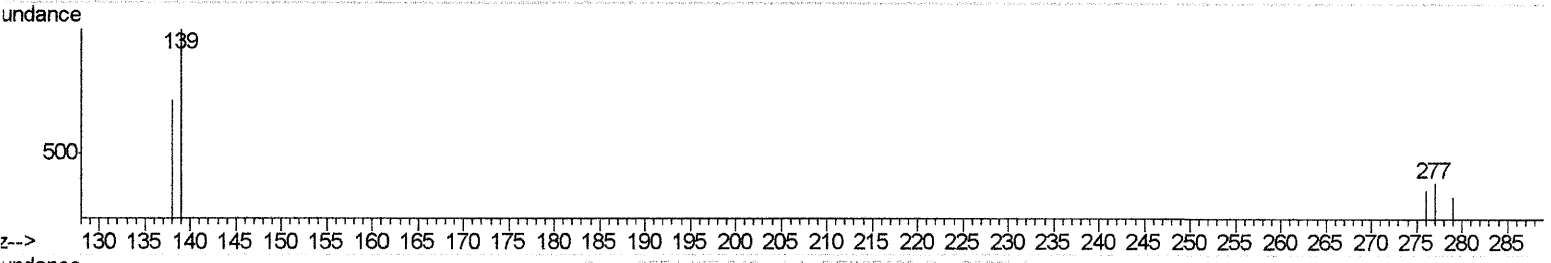
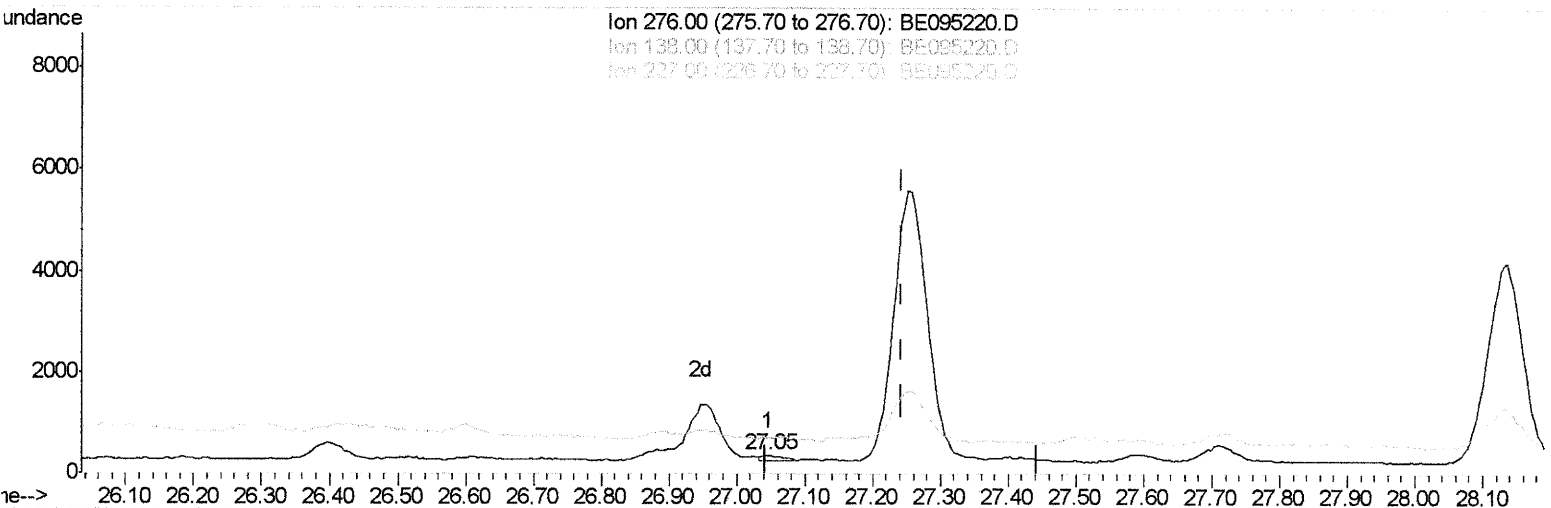
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A65

Manual Integrations
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(24) Indeno(1,2,3-cd)pyrene

27.047min (-0.196) 0.01ng/ul

response 199

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	24.12#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

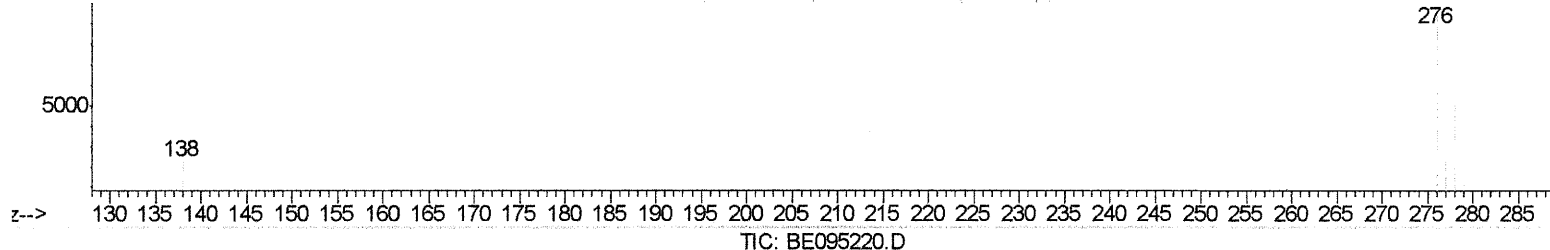
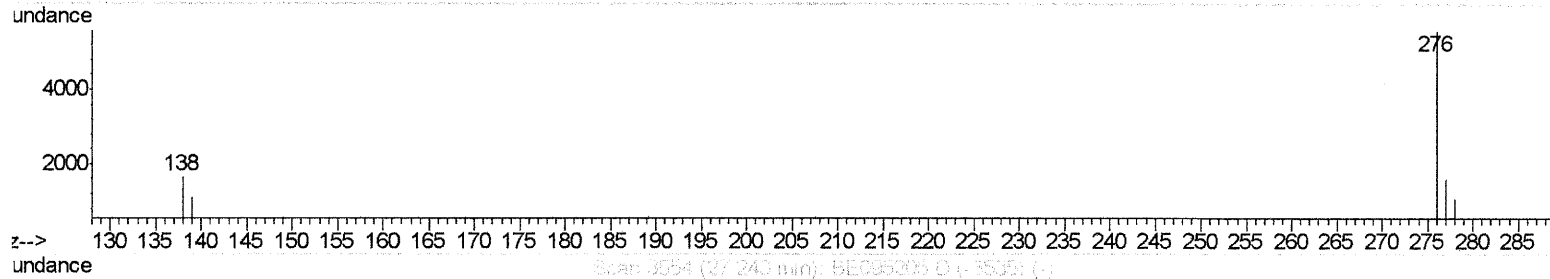
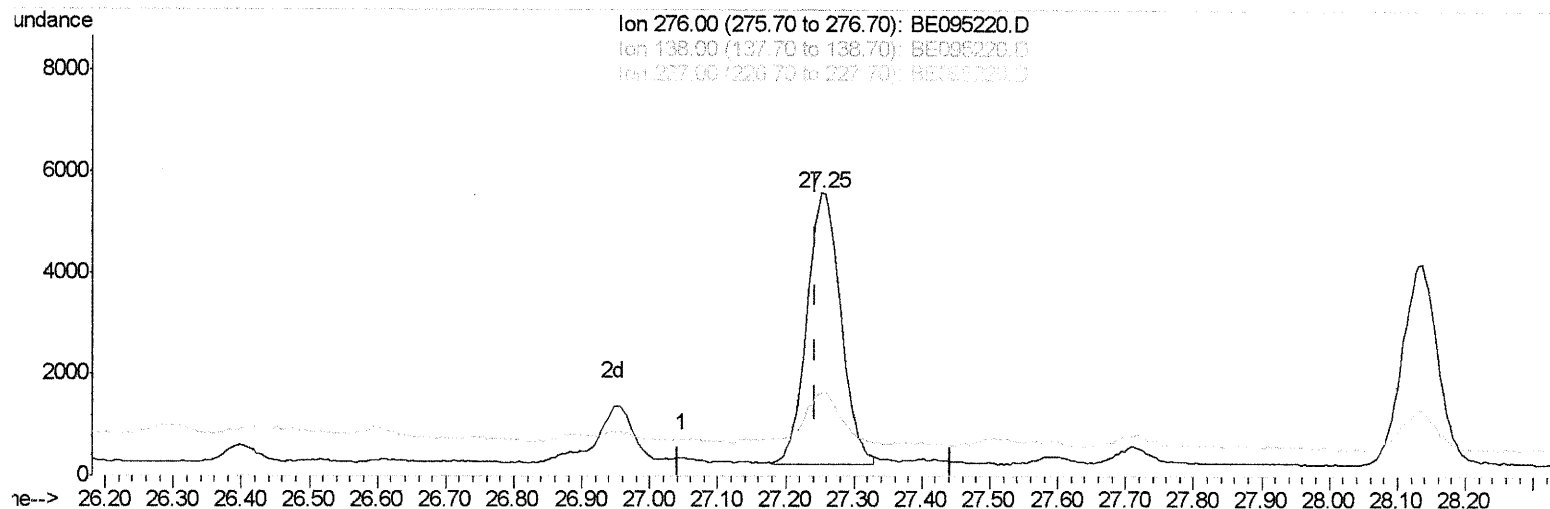
Instrument :
BNA_E
ClientSampled :
F6A65

Manual Integrations
APPROVED

Sohil
1/29/2018 6:25:43 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 06:58:46 2018
Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

27.252min (+0.009) 0.47ng/ul m

5.1/31/18

response 18516

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.26#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

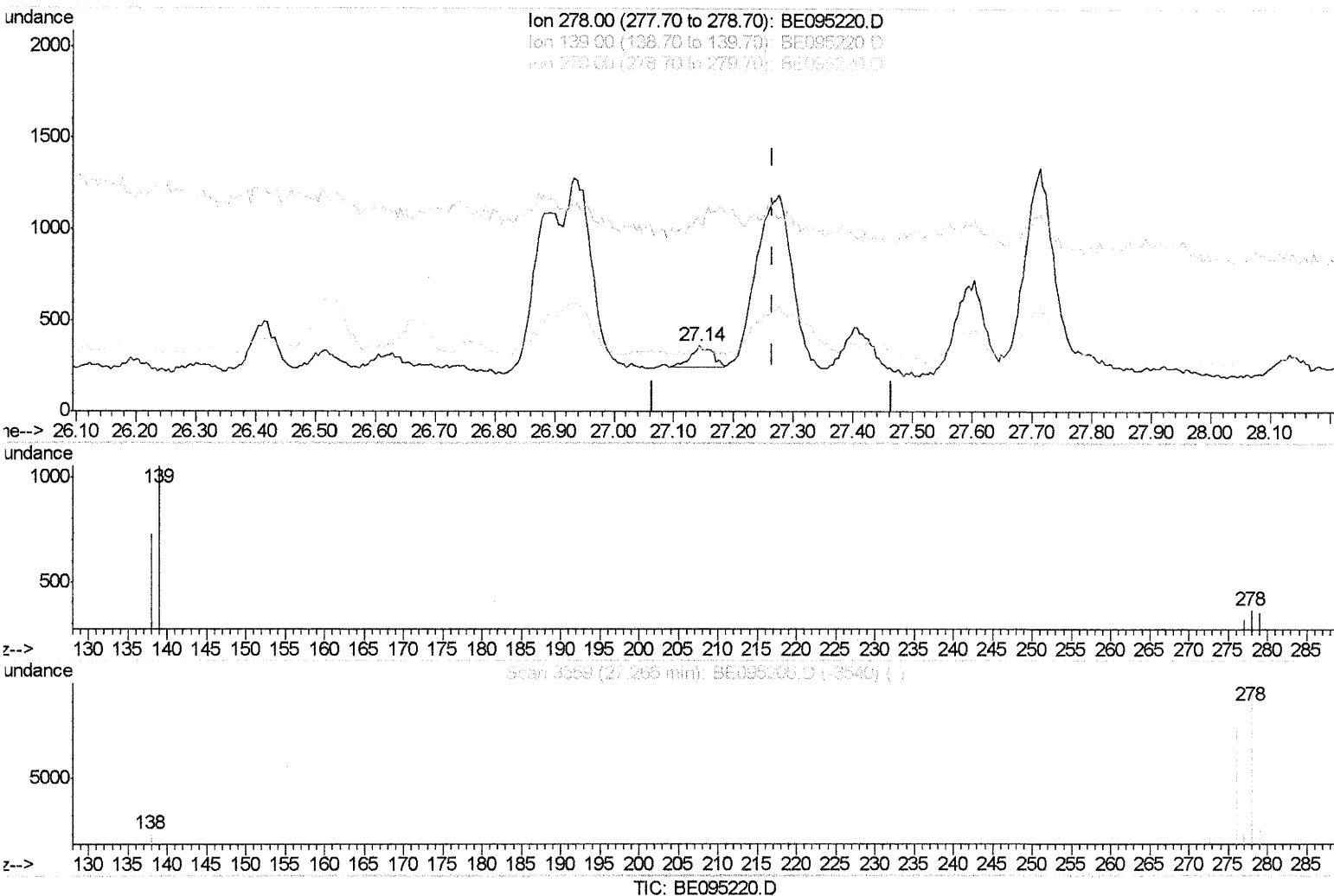
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
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(25) Dibenzo(a,h)anthracene

27.142min (-0.123) 0.01ng/ul

response 317

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	287.70#
279.00	32.40	96.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

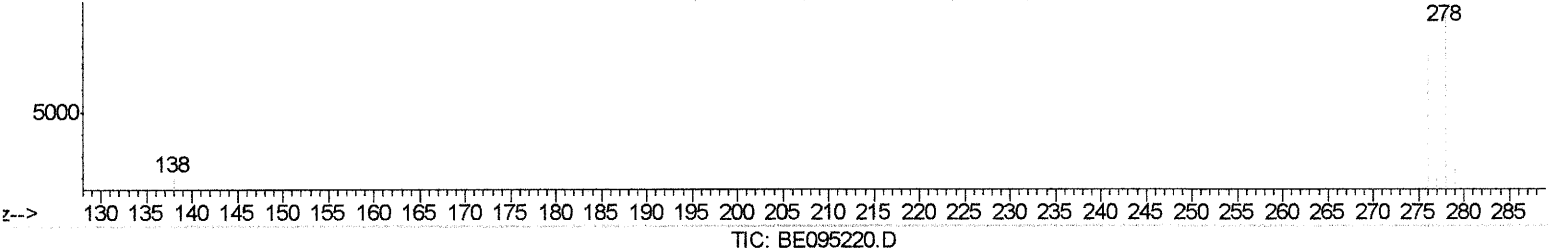
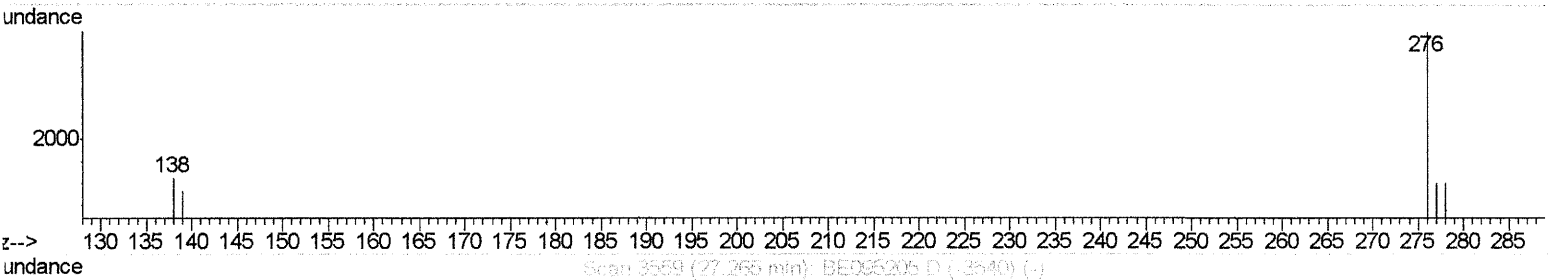
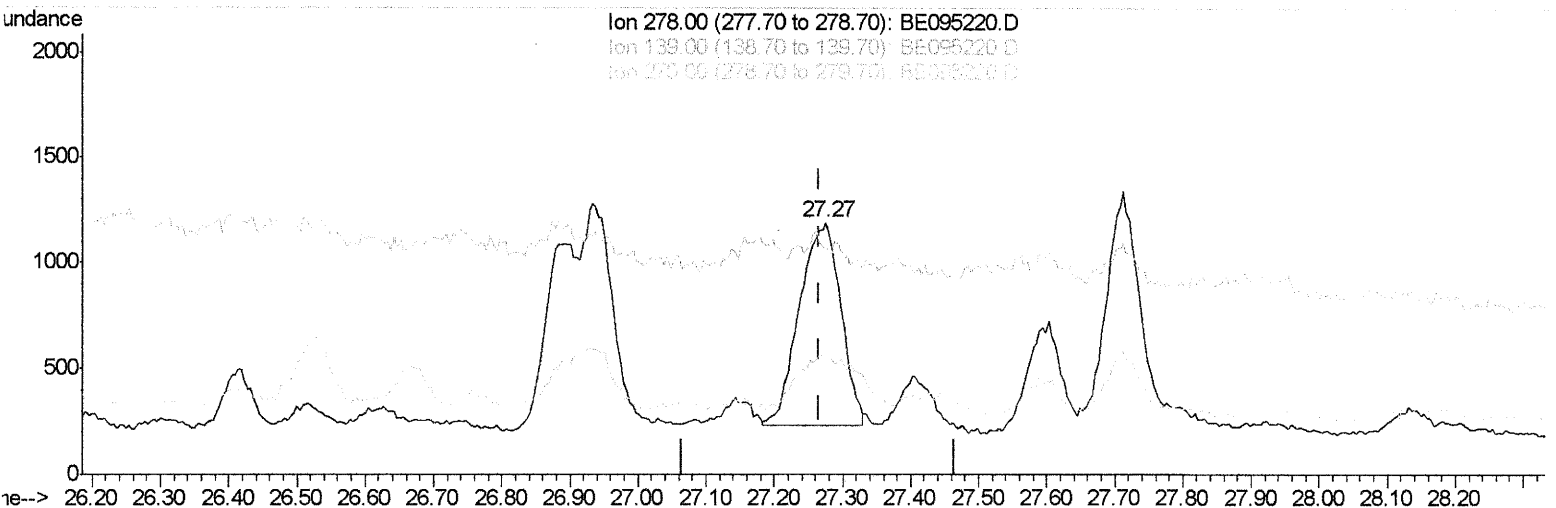
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(25) Dibenzo(a,h)anthracene

27.275min (+0.009) 0.13ng/ul m

541/31/18

response 4057

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	89.43#
279.00	32.40	48.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

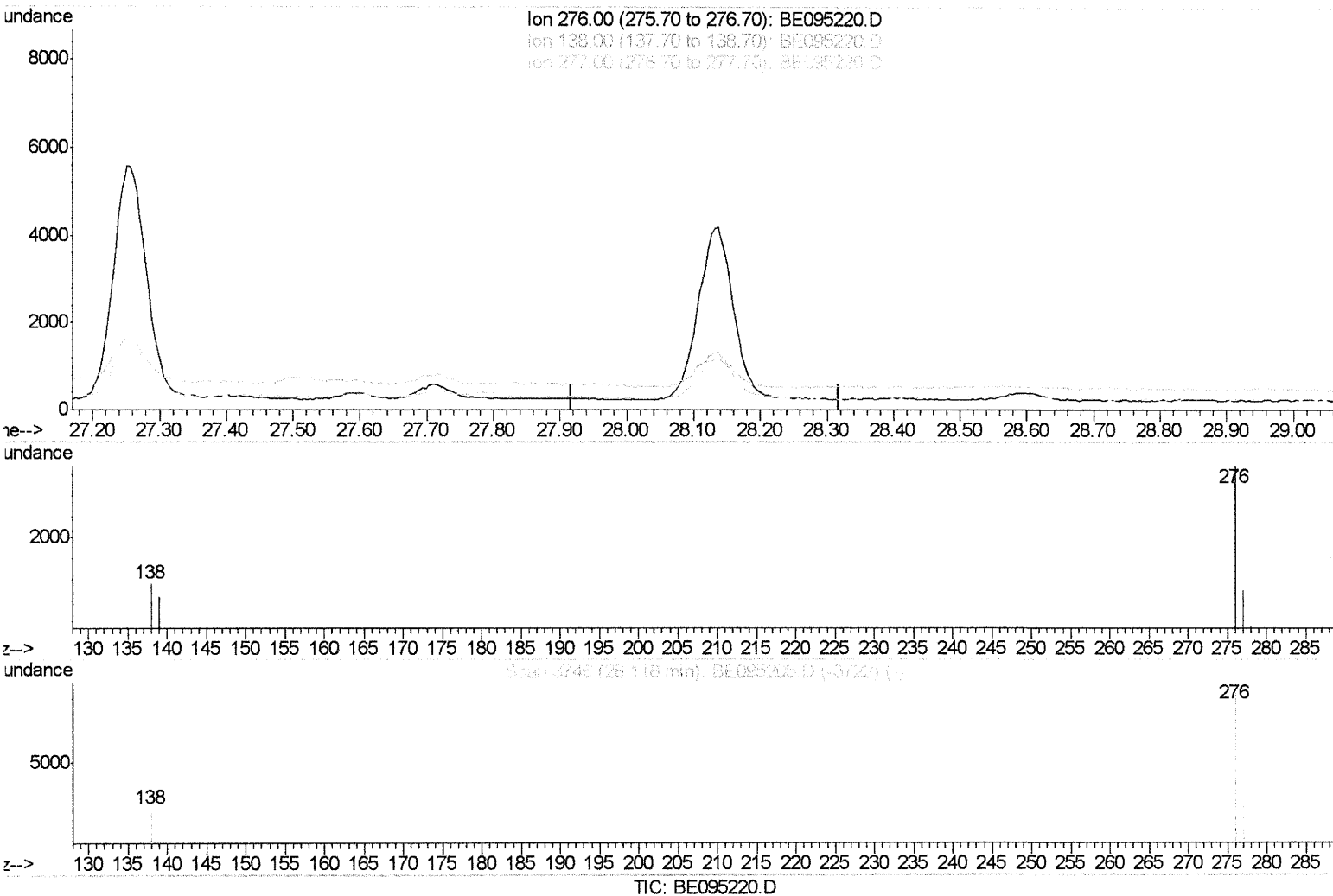
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(26) Benzo(g,h,i)perylene

28.118min (-28.118) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

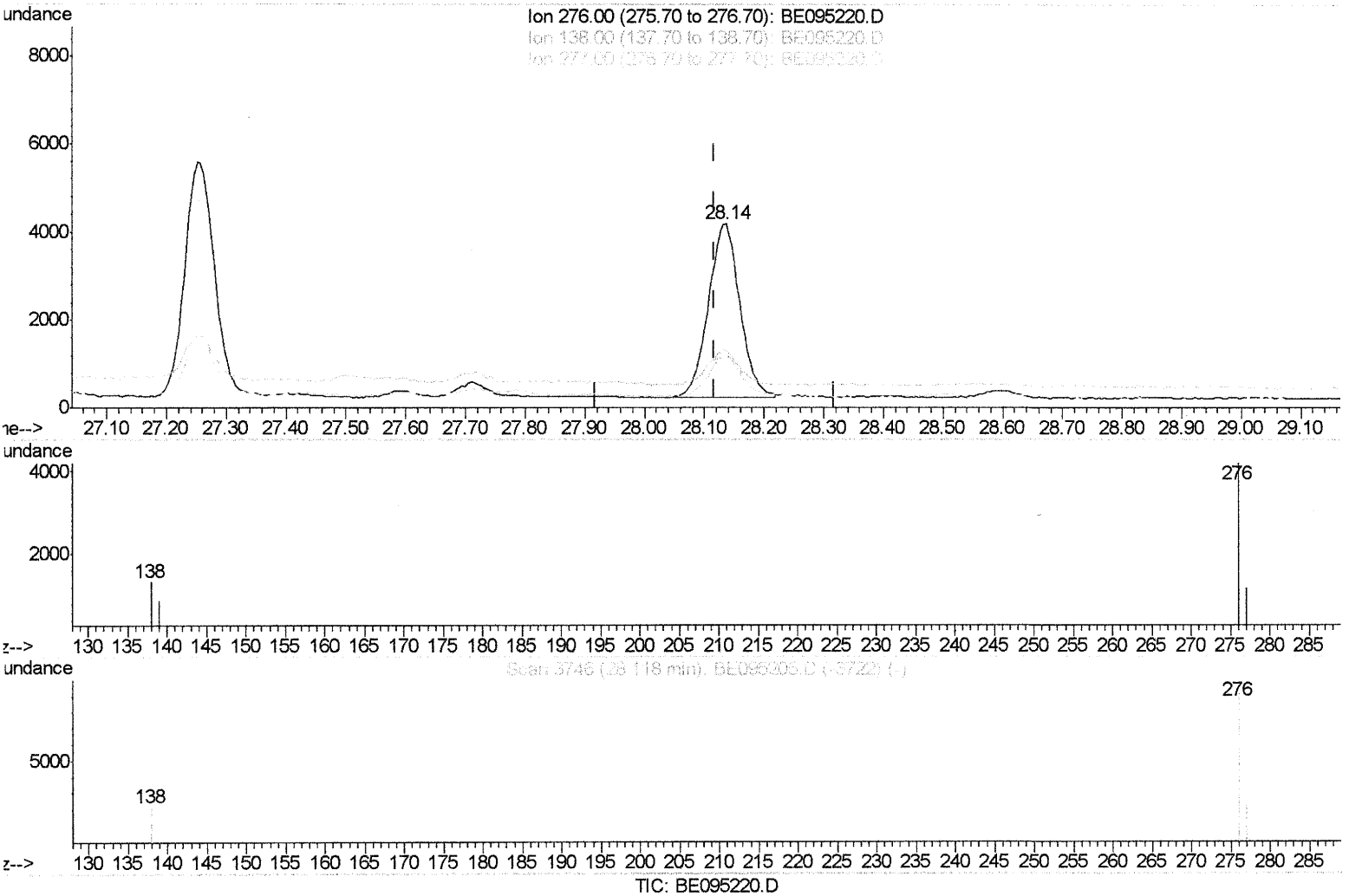
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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(26) Benzo(g,h,i)perylene

28.136min (+0.018) 0.44ng/ul m

response 14658

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	31.66
277.00	25.60	28.24
0.00	0.00	0.00

551/31/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2987	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9764	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6407	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	12918m	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	12727	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	11418m	0.40	ng/ul	0.00

SJ 1/31/18
 SJ 1/31/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	5425	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	13782	0.28	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) 2-Methylnaphthalene	12.89	142	531	0.029	ng/ul	98
7) Acenaphthylene	14.75	152	3275	0.106	ng/ul#	92
8) Acenaphthene	15.08	153	547	0.023	ng/ul#	86
11) Pentachlorophenol	17.36	266	91025	36.380	ng/ul	96
12) Phenanthrene	17.75	178	32098	0.739	ng/ul#	86
13) Anthracene	17.85	178	11529	0.290	ng/ul#	93
15) Fluoranthene	19.73	202	141634	2.518	ng/ul	82
17) Pyrene	20.08	202	120844	2.830	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	36627	0.920	ng/ul#	90
19) Chrysene	21.84	228	49539	1.199	ng/ul#	91
21) Benzo(b)fluoranthene	23.63	252	76946m	1.910	ng/ul	} SJ 1/31/18
22) Benzo(k)fluoranthene	23.66	252	21744m	0.590	ng/ul	
23) Benzo(a)pyrene	24.33	252	17946m	0.499	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	18516m	0.469	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	4057m	0.126	ng/ul	
26) Benzo(a,h,i)perylene	28.14	276	14658m	0.439	ng/ul	

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