

Quantitation Report (QT Reviewed)

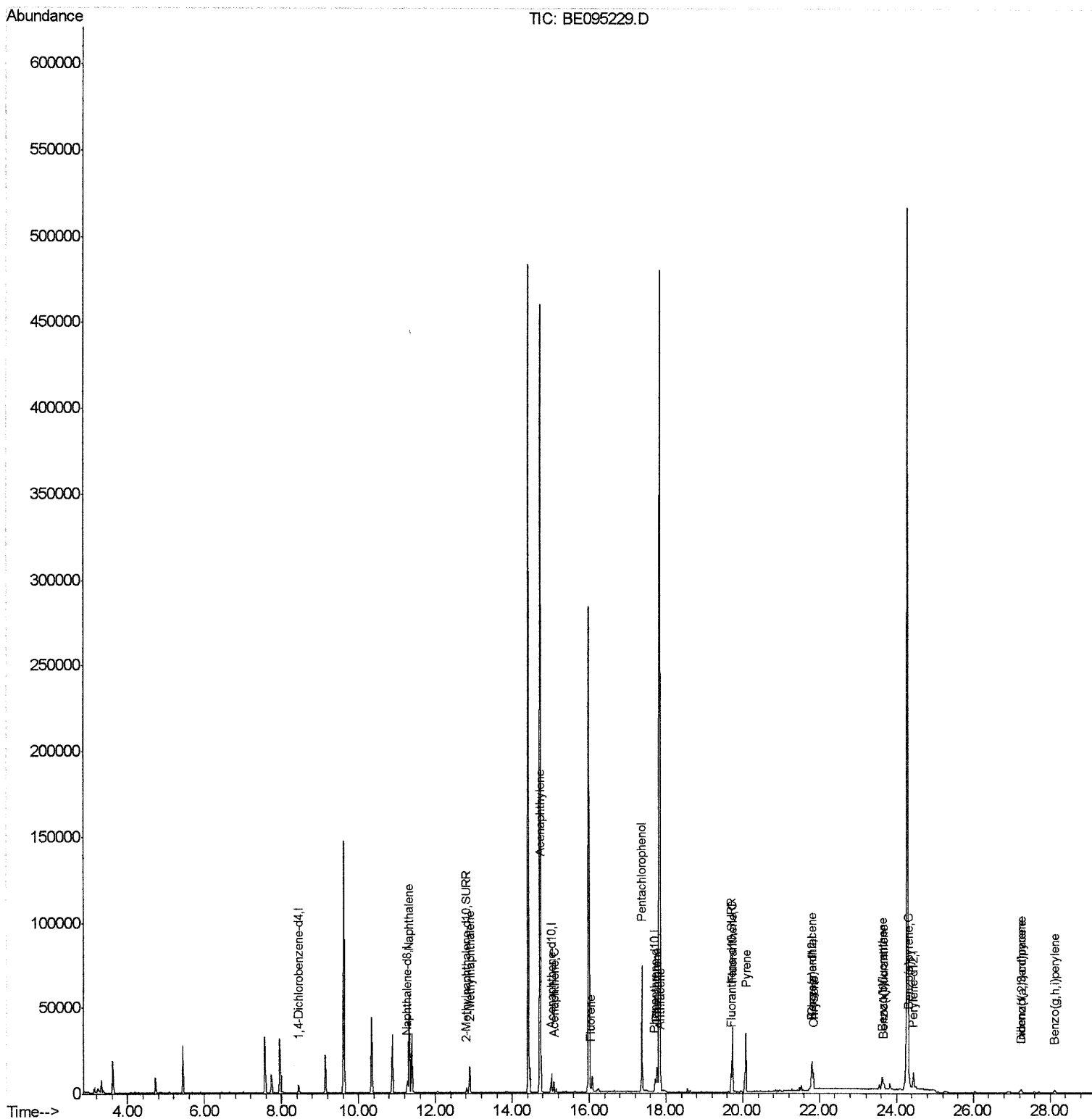
Instrument :
BNA_E
ClientSampled :
F6A74

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:10 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095229.D
Acq On : 29 Jan 2018 4:27
Operator : SJ/JU
Sample : J1223-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 29 08:39:55 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 08:11:22 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

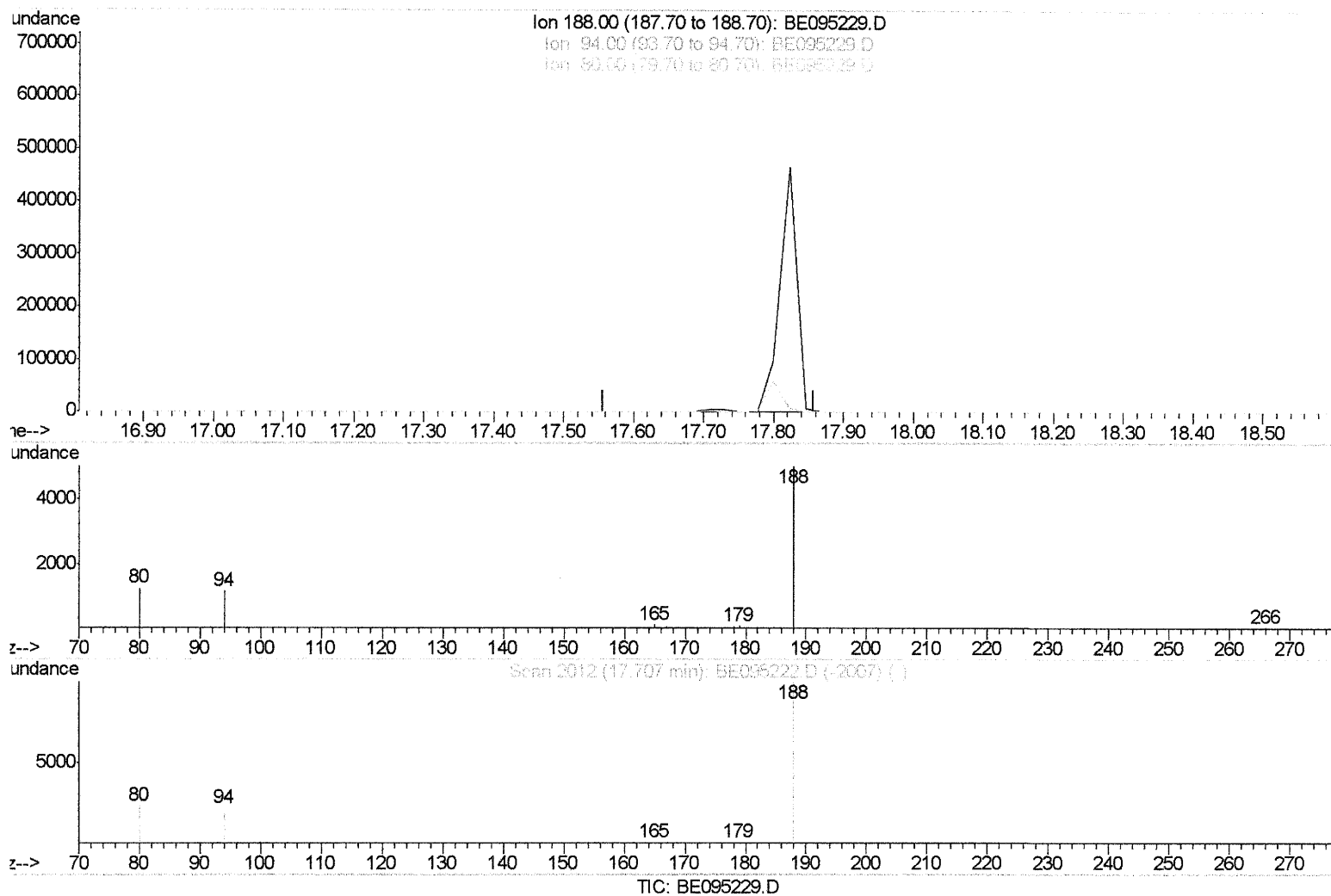
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095229.D
Acq On : 29 Jan 2018 4:27
Operator : SJ/JU
Sample : J1223-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6A74

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:10 PM

Quant Time: Jan 29 08:14:08 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 08:11:22 2018
Response via : Initial Calibration



(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)

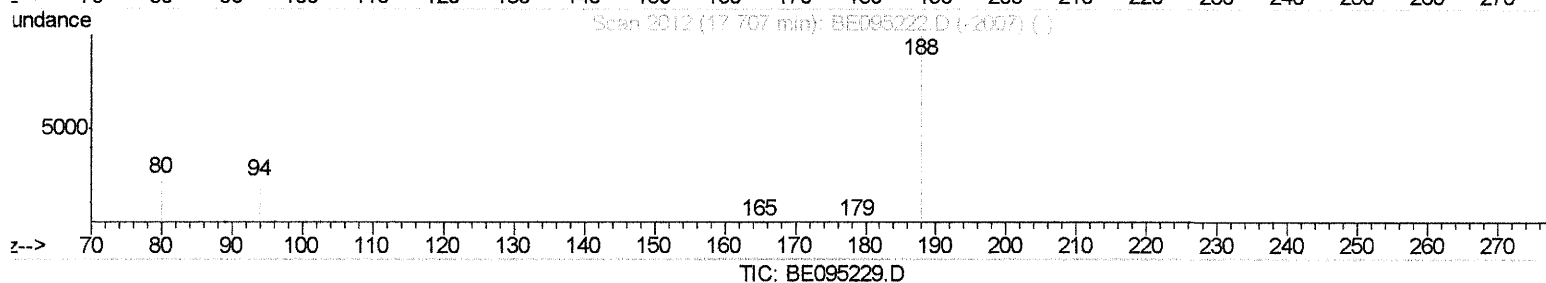
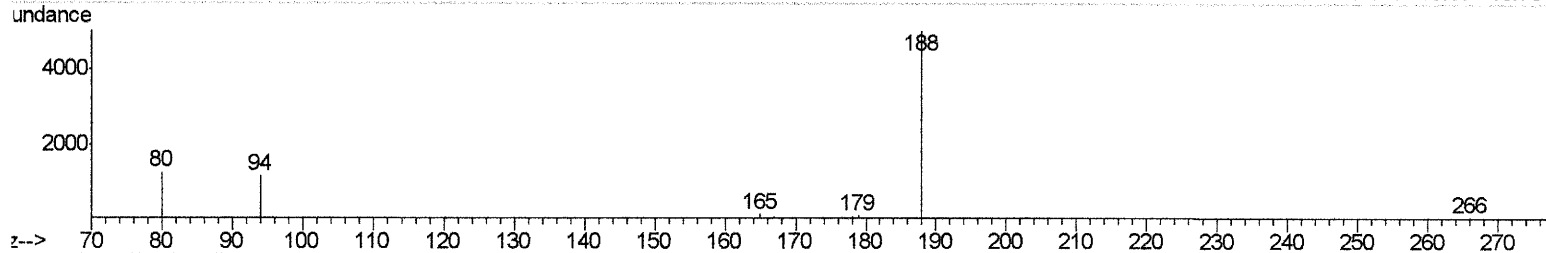
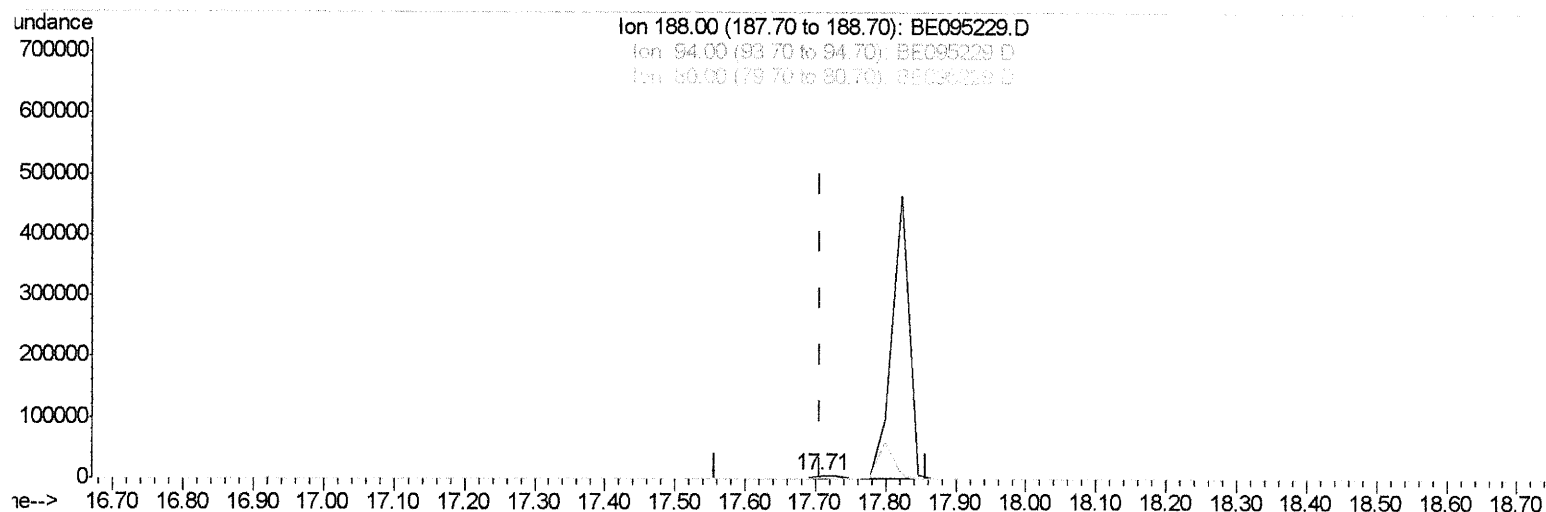
Instrument :
BNA_E
ClientSampleId :
F6A74

Manual Integrations
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Sohil
1/29/2018 6:26:10 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095229.D
Acq On : 29 Jan 2018 4:27
Operator : SJ/JU
Sample : J1223-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 29 08:14:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(10) Phenanthrene-d10 (I)

17.707min (-0.000) 0.40ng/ul m

response 13109

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	23.78#
80.00	11.80	25.23#
0.00	0.00	0.00

511/31/18

Quantitation Report (Qedit)

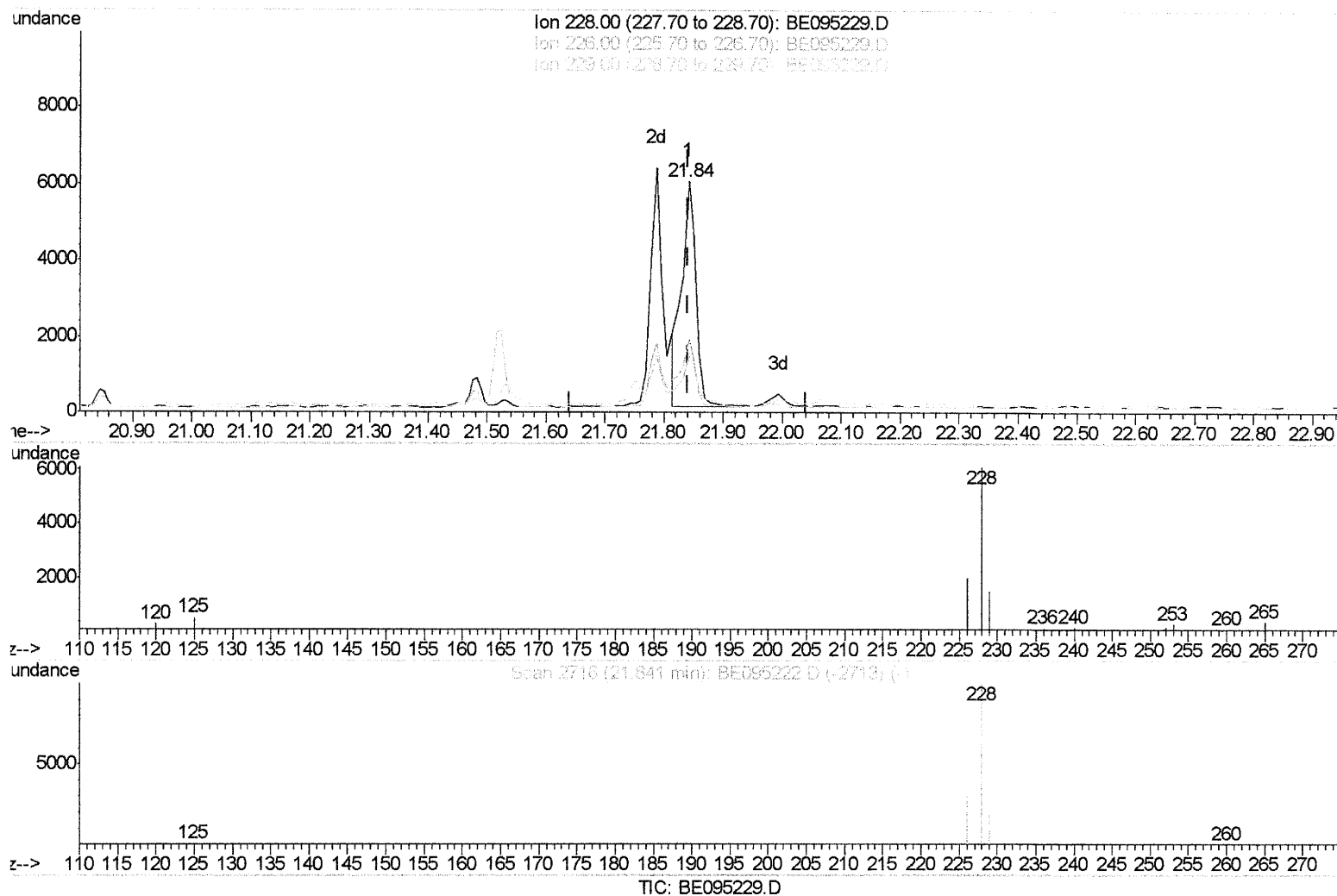
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095229.D
Acq On : 29 Jan 2018 4:27
Operator : SJ/JU
Sample : J1223-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6A74

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:10 PM

Quant Time: Jan 29 08:37:08 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 08:11:22 2018
Response via : Initial Calibration



(19) Chrysene

21.841min (-0.000) 0.22ng/ul

response 9970

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.49
229.00	22.10	24.58
0.00	0.00	0.00

Quantitation Report (Qedit)

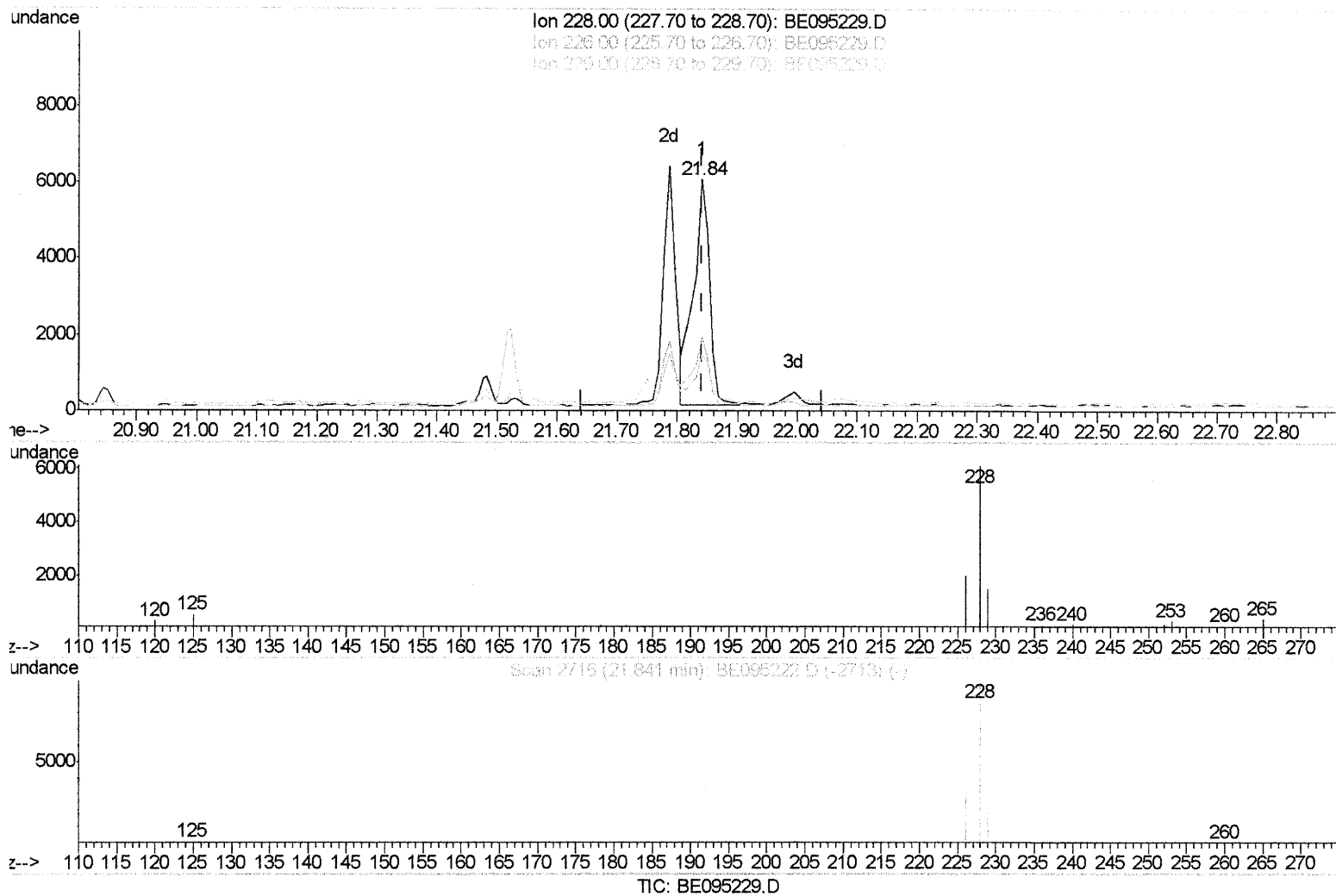
Instrument :
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ClientSampleId :
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Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 08:11:22 2018
Response via : Initial Calibration



(19) Chrysene

21.841min (-0.000) 0.25ng/ul m

5/31/18

response 11101

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.49
229.00	22.10	24.58
0.00	0.00	0.00

Quantitation Report (Qedit)

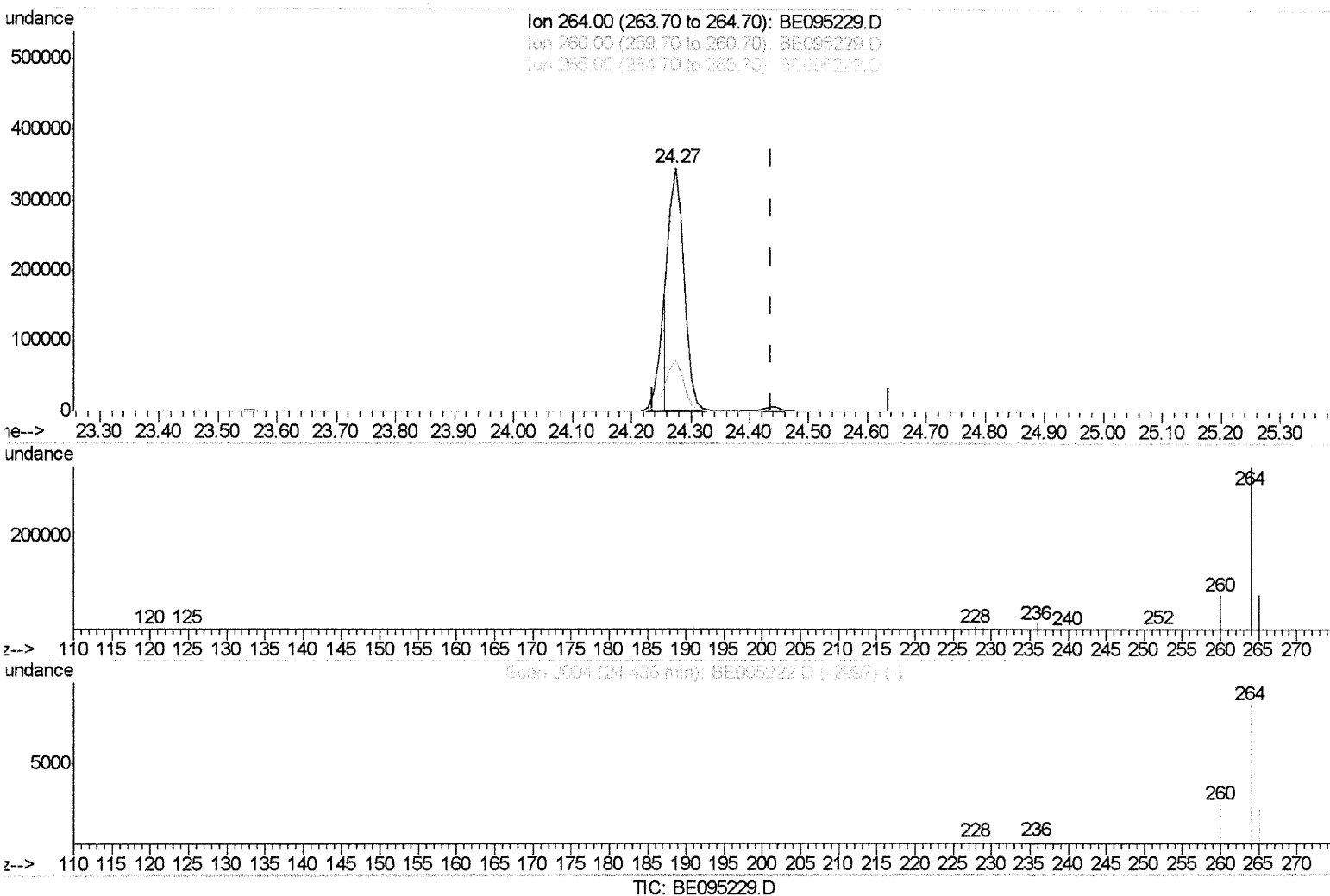
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
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(20) Perylene-d12 (I)

24.274min (-0.162) 0.40ng/ul

response 607178

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.27#
265.00	103.50	21.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

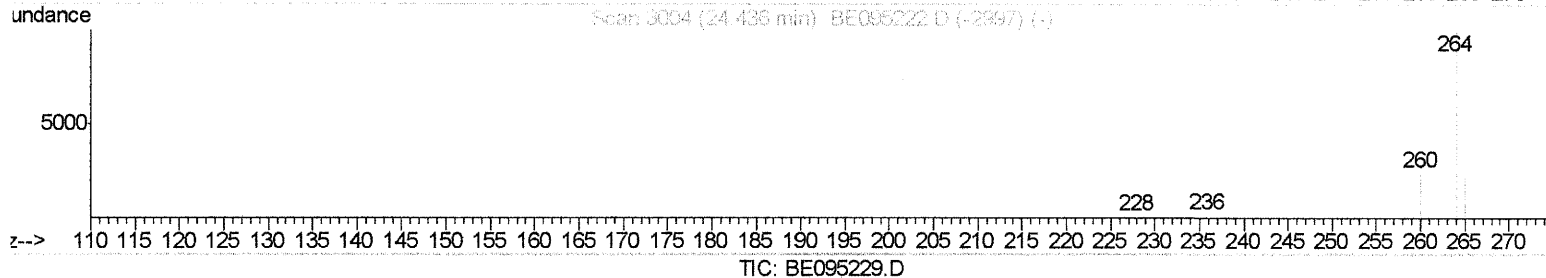
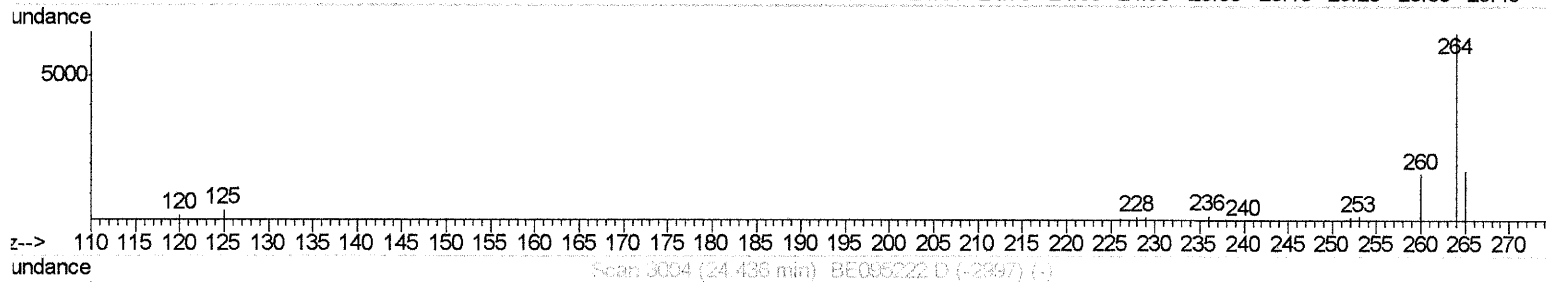
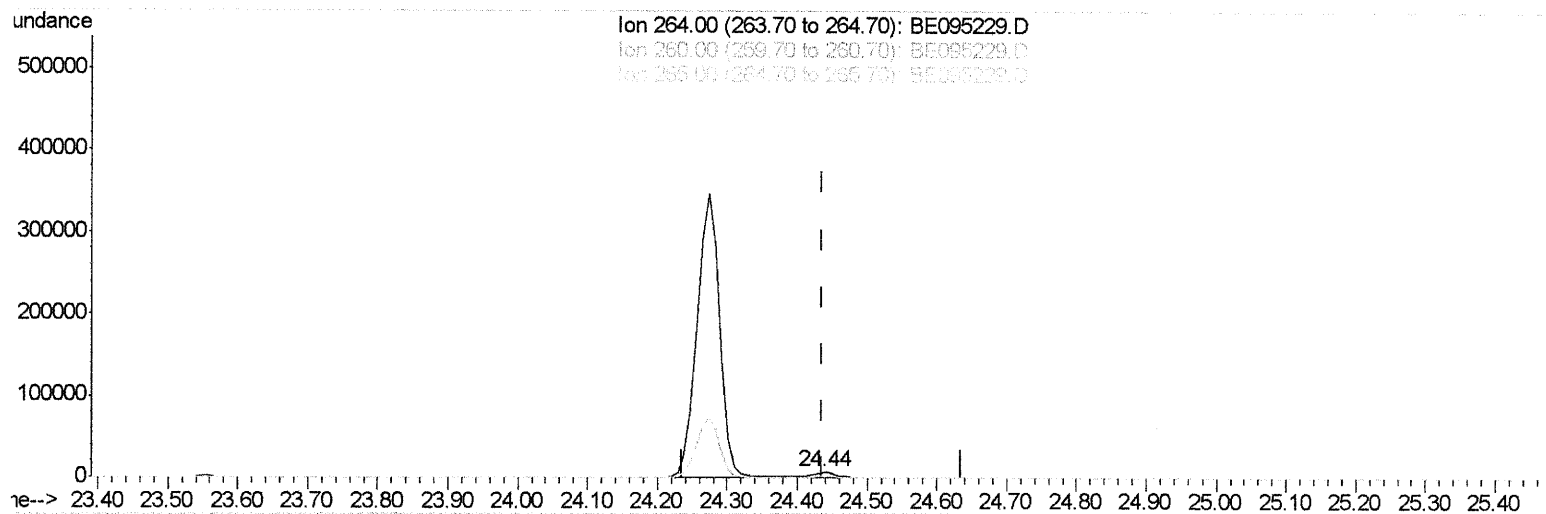
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095229.D
Acq On : 29 Jan 2018 4:27
Operator : SJ/JU
Sample : J1223-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6A74

Manual Integrations
APPROVED

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(20) Perylene-d12 (I)

24.436min (-0.000) 0.40ng/ul m

SJ 1/31/18

response 12929

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.69
265.00	103.50	27.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

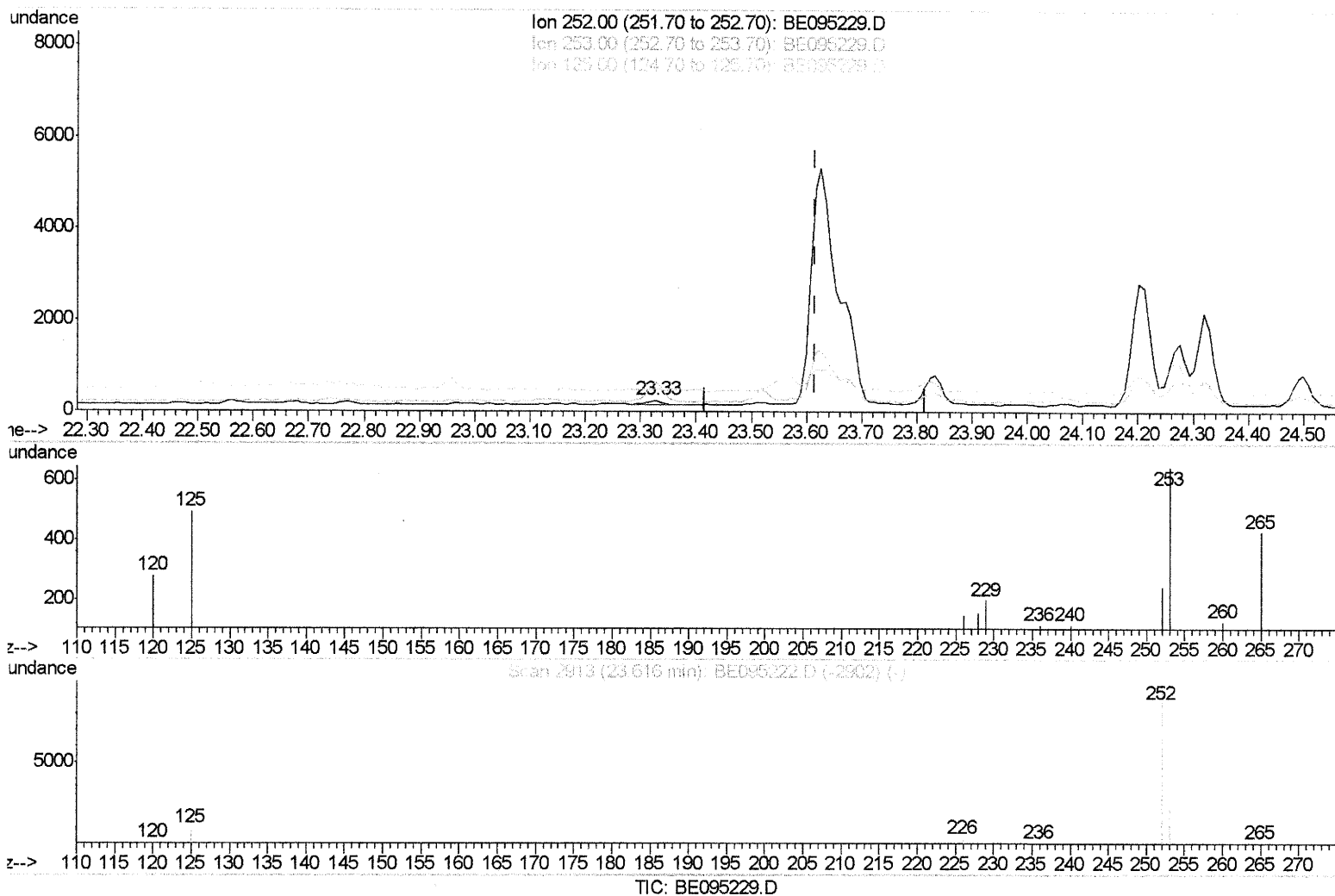
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095229.D
Acq On : 29 Jan 2018 4:27
Operator : SJ/JU
Sample : J1223-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6A74

Manual Integrations
APPROVED

Sohil
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Quant Time: Jan 29 08:37:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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QLast Update : Mon Jan 29 08:11:22 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.328min (-0.288) 0.00ng/ul

response 200

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	261.79#
125.00	17.50	200.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

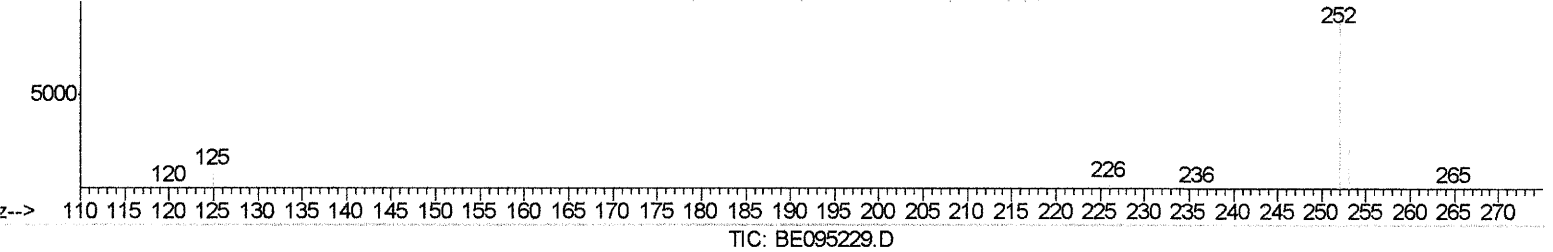
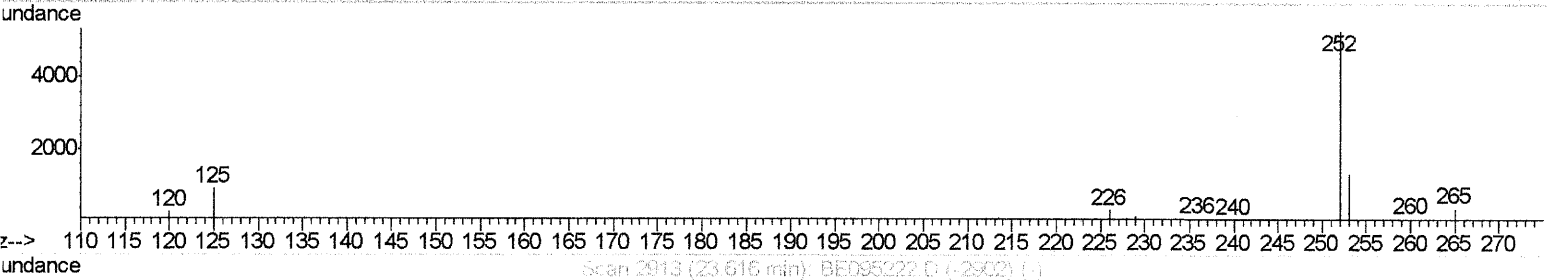
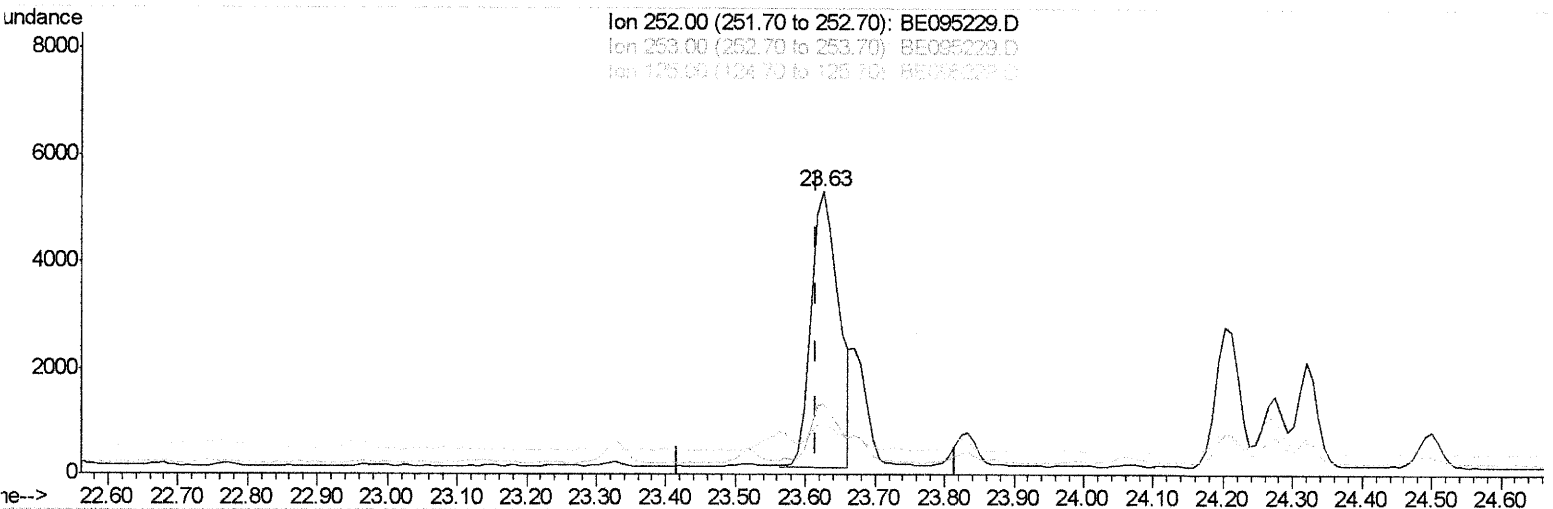
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
 Sample : J1223-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 F6A74

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:10 PM

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 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.625min (+0.009) 0.32ng/ul m

SJ/31/18

response 14579

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.38
125.00	17.50	17.42
0.00	0.00	0.00

Quantitation Report (Qedit)

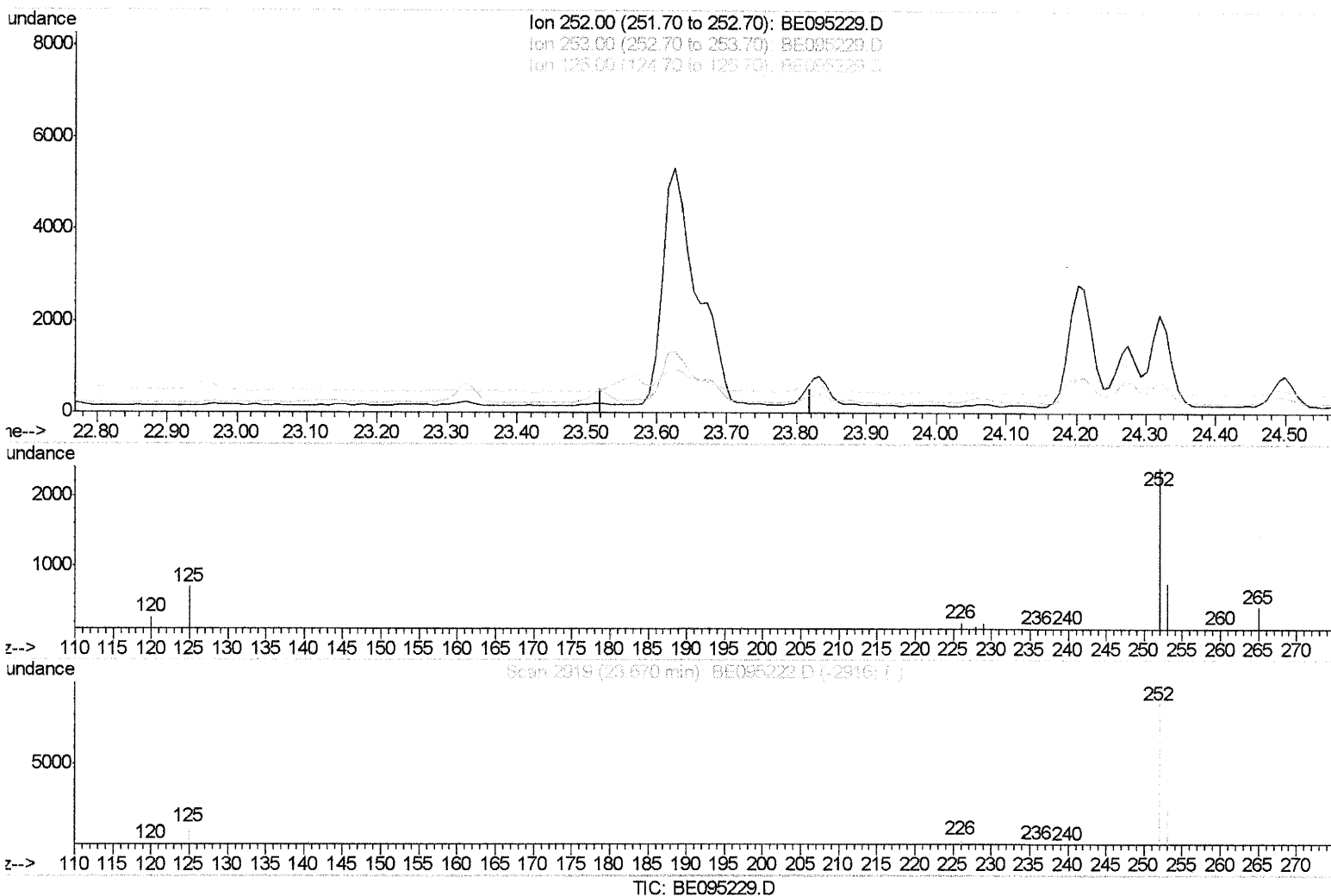
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
 Sample : J1223-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A74

Manual Integrations
 APPROVED

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(22) Benzo(k)fluoranthene

23.670min (-23.670) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

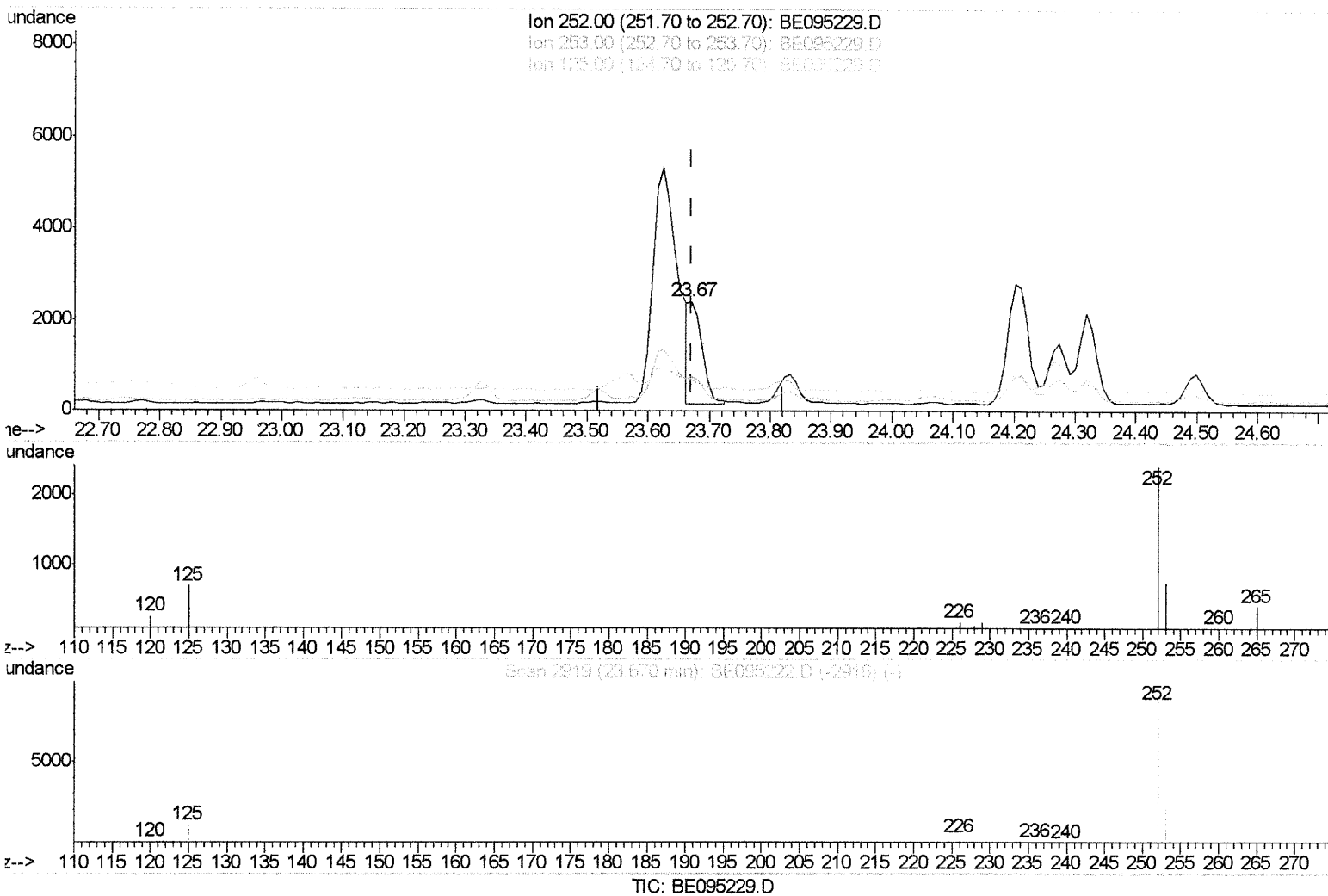
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
 Sample : J1223-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 F6A74

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:10 PM

Quant Time: Jan 29 08:37:59 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 08:11:22 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.670min (-0.000) 0.08ng/ul m

response 3334

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	31.34
125.00	17.10	29.13#
0.00	0.00	0.00

SJ/31/18

Quantitation Report (Qedit)

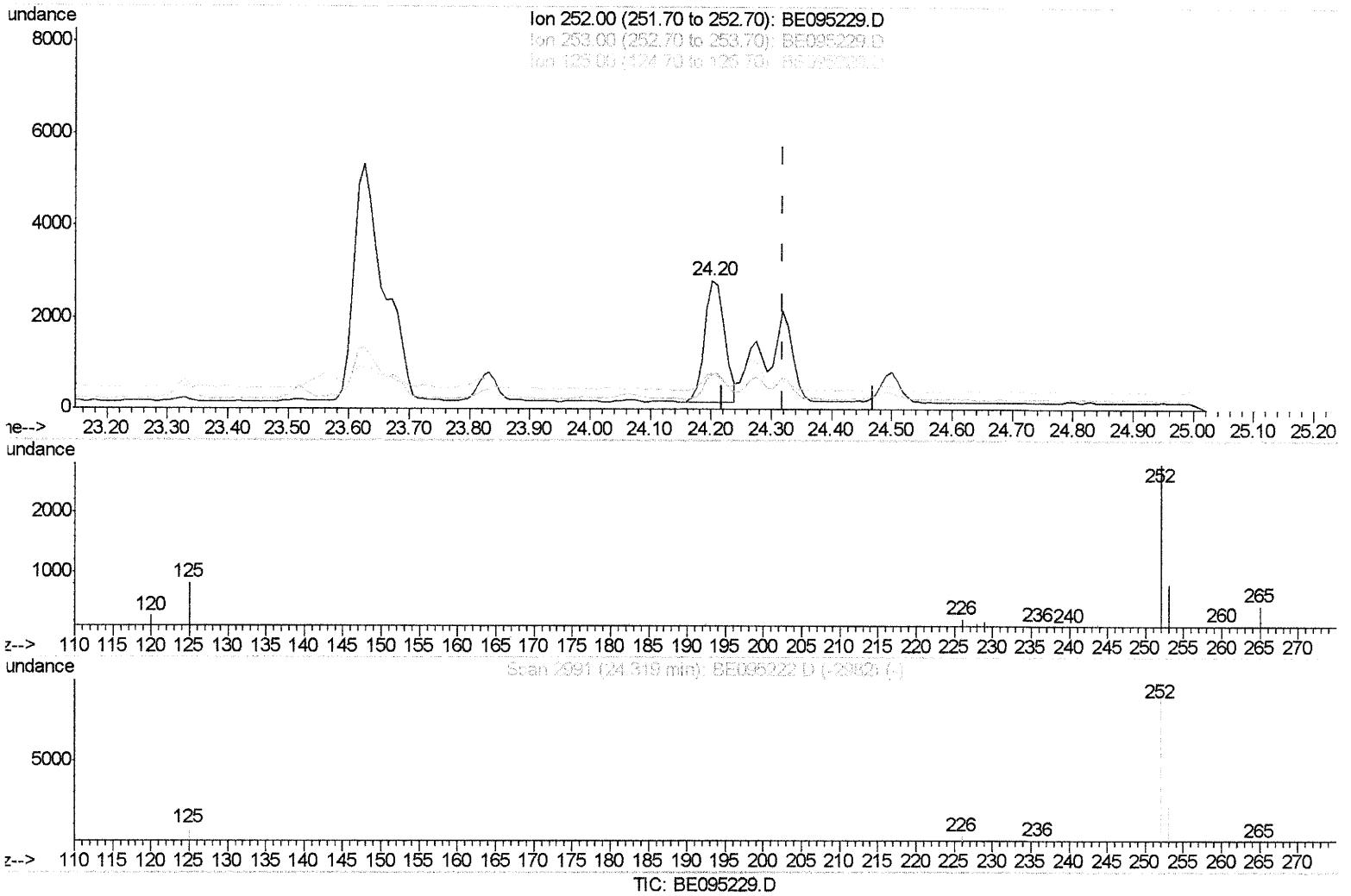
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
 Sample : J1223-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 F6A74

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:10 PM

Quant Time: Jan 29 08:37:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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(23) Benzo(a)pyrene (C)

24.202min (-0.117) 0.15ng/ul

response 6301

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.97#
125.00	22.60	28.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

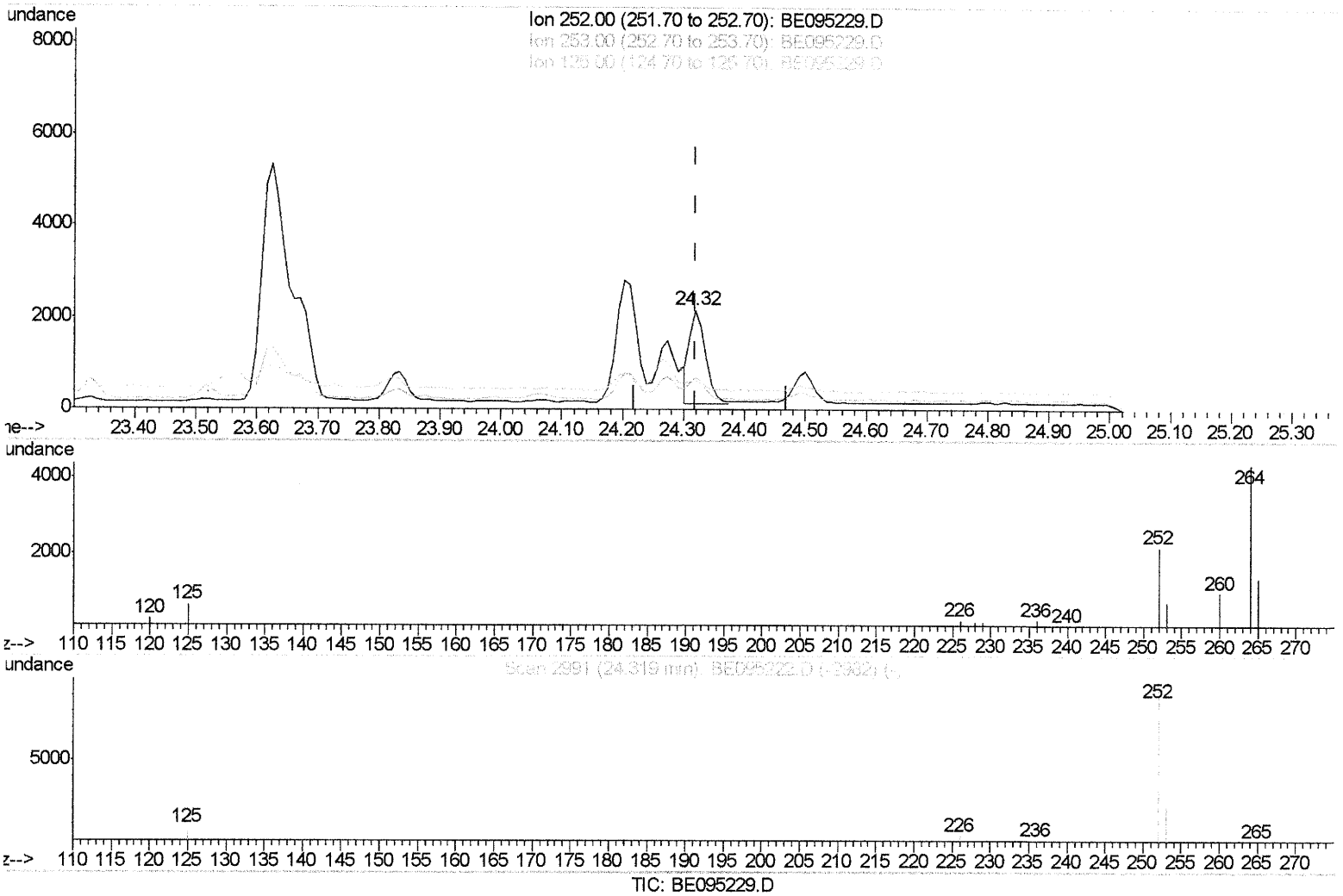
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
 Sample : J1223-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A74

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:10 PM

Quant Time: Jan 29 08:37:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.319min (-0.000) 0.09ng/ul m

response 3797

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	32.66
125.00	22.60	29.10#
0.00	0.00	0.00

51/31/18

Quantitation Report (Qedit)

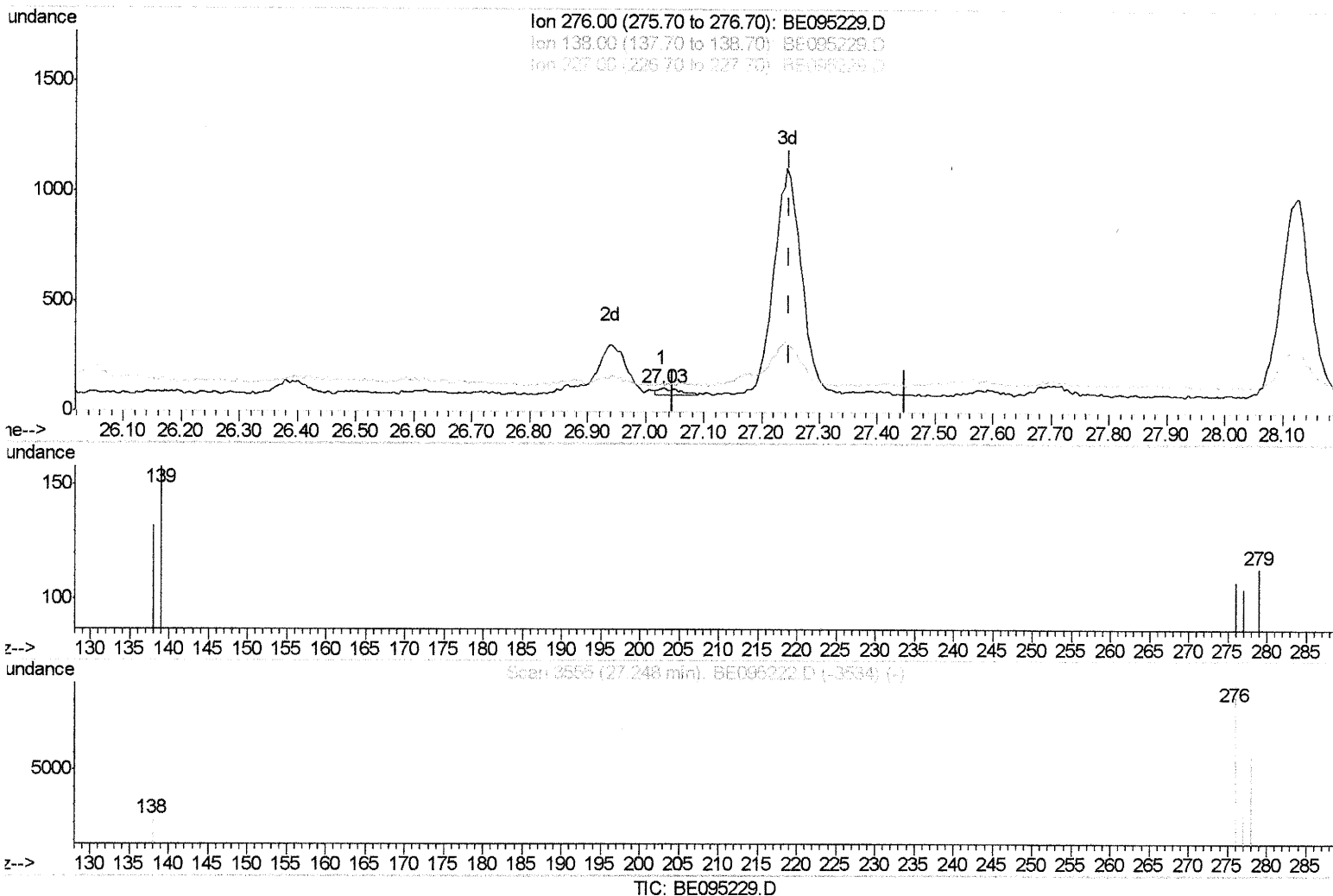
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
 Sample : J1223-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A74

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:10 PM

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

27.029min (-0.219) 0.00ng/ul

response 68

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

Quantitation Report (Qedit)

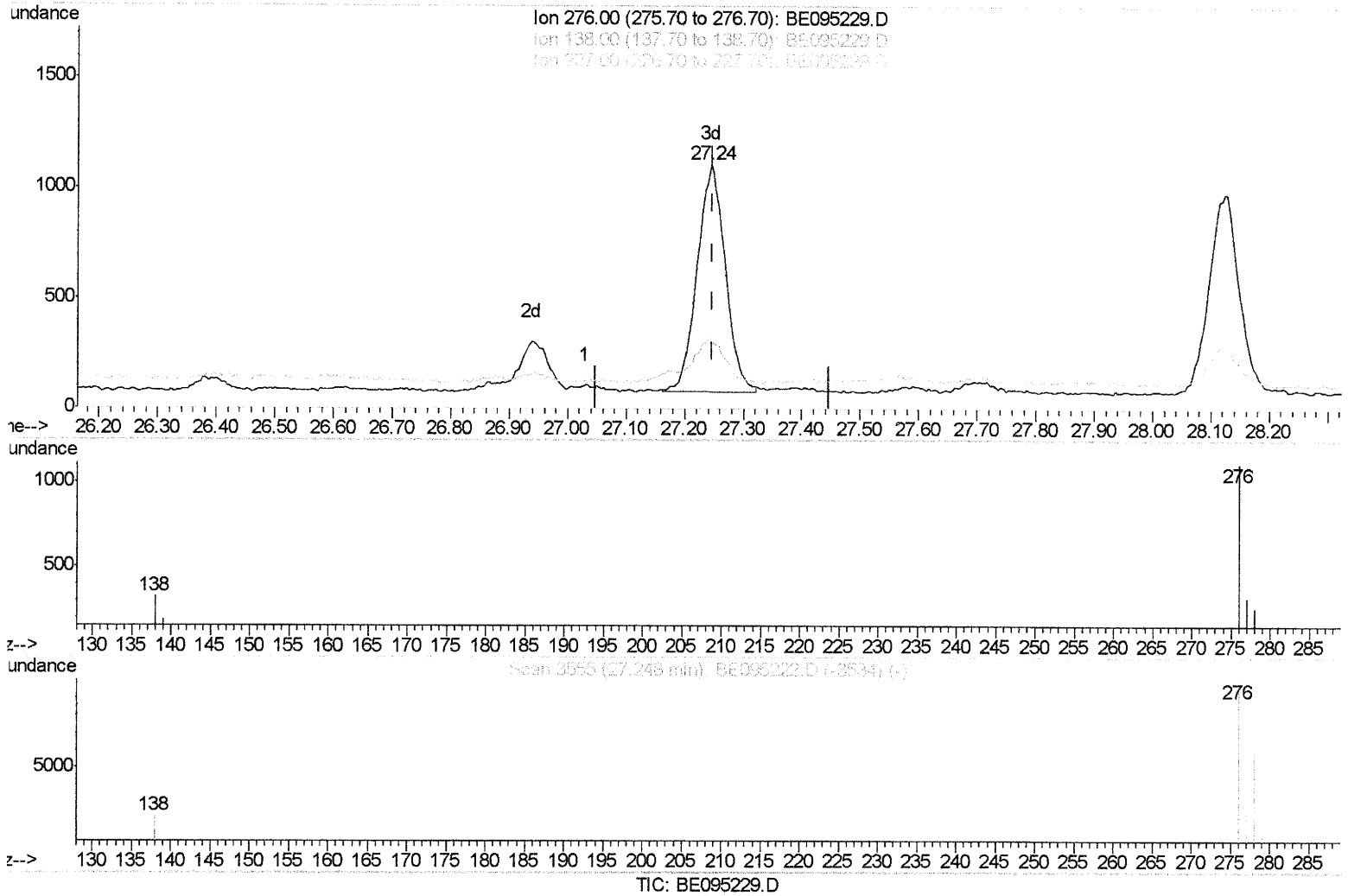
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
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 Operator : SJ/JU
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration



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

27.243min (-0.005) 0.08ng/ul m

response 3427

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

51/31/18

Quantitation Report (Qedit)

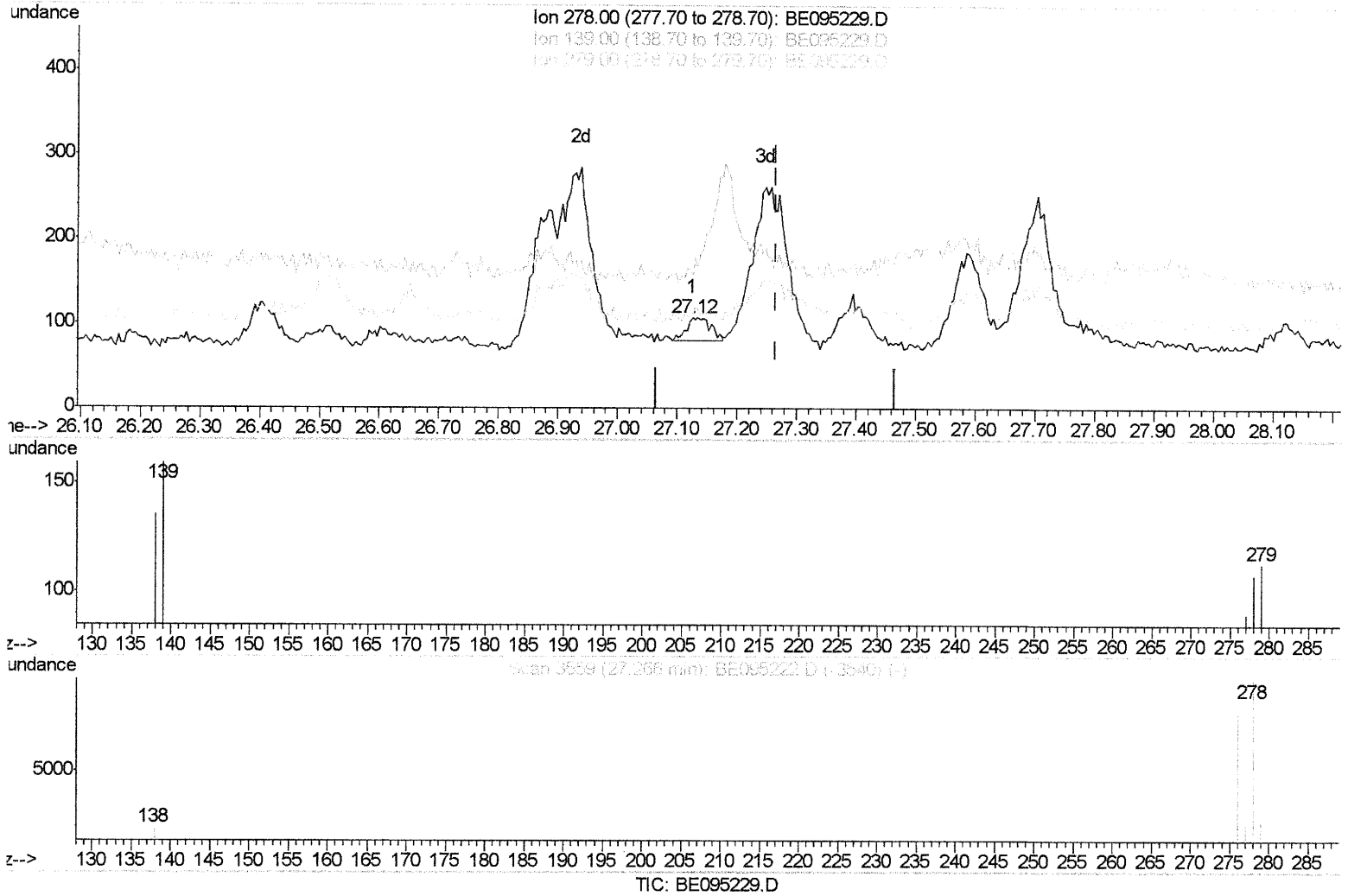
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012818\
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(25) Dibenzo(a,h)anthracene

27.125min (-0.141) 0.00ng/ul

response 75

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	147.22#
279.00	32.40	104.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

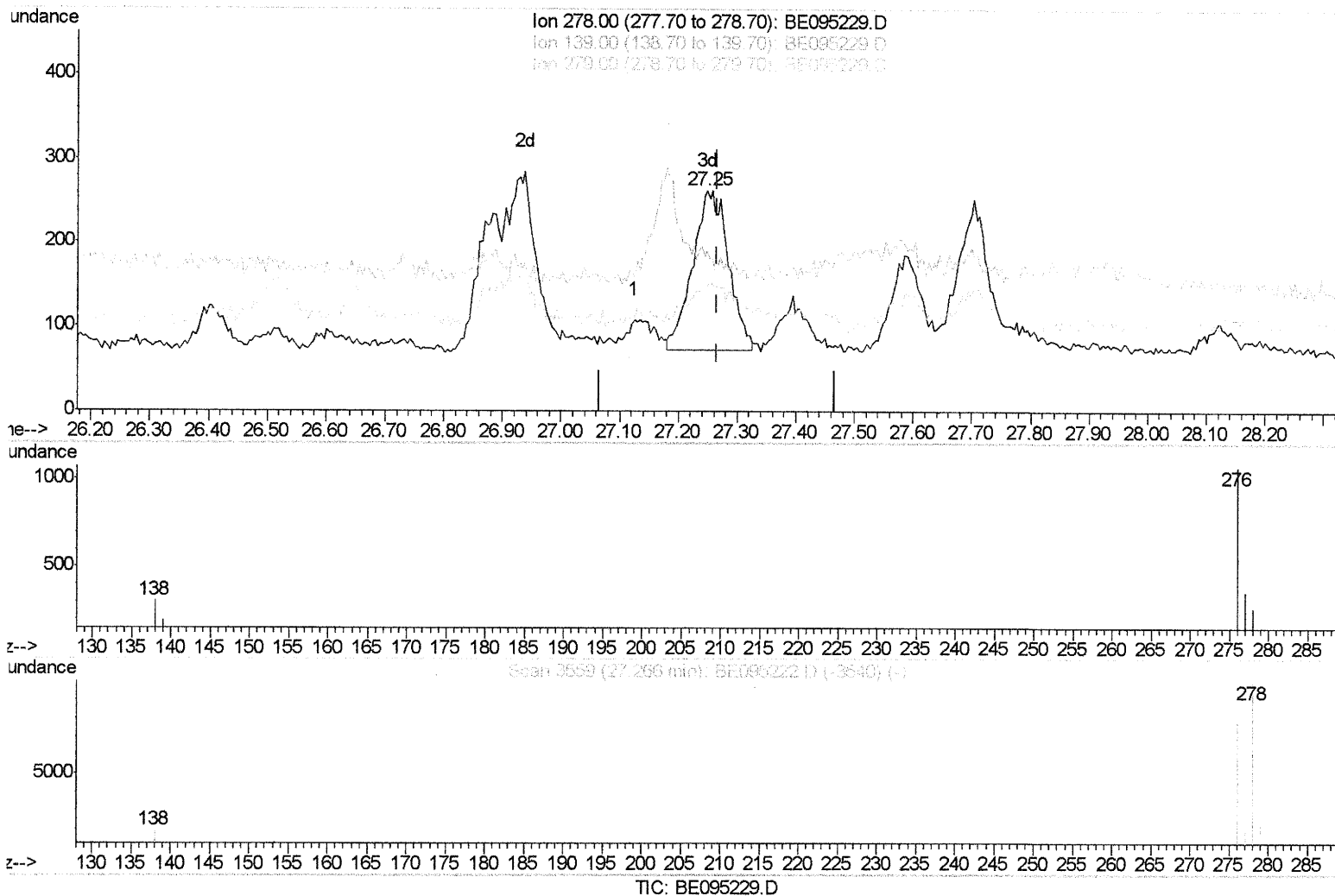
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
 Sample : J1223-08
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(25) Dibenzo(a,h)anthracene

27.248min (-0.018) 0.02ng/ul m

response 802

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	73.00#
279.00	32.40	56.65#
0.00	0.00	0.00

SS 1/31/18

Quantitation Report (Qedit)

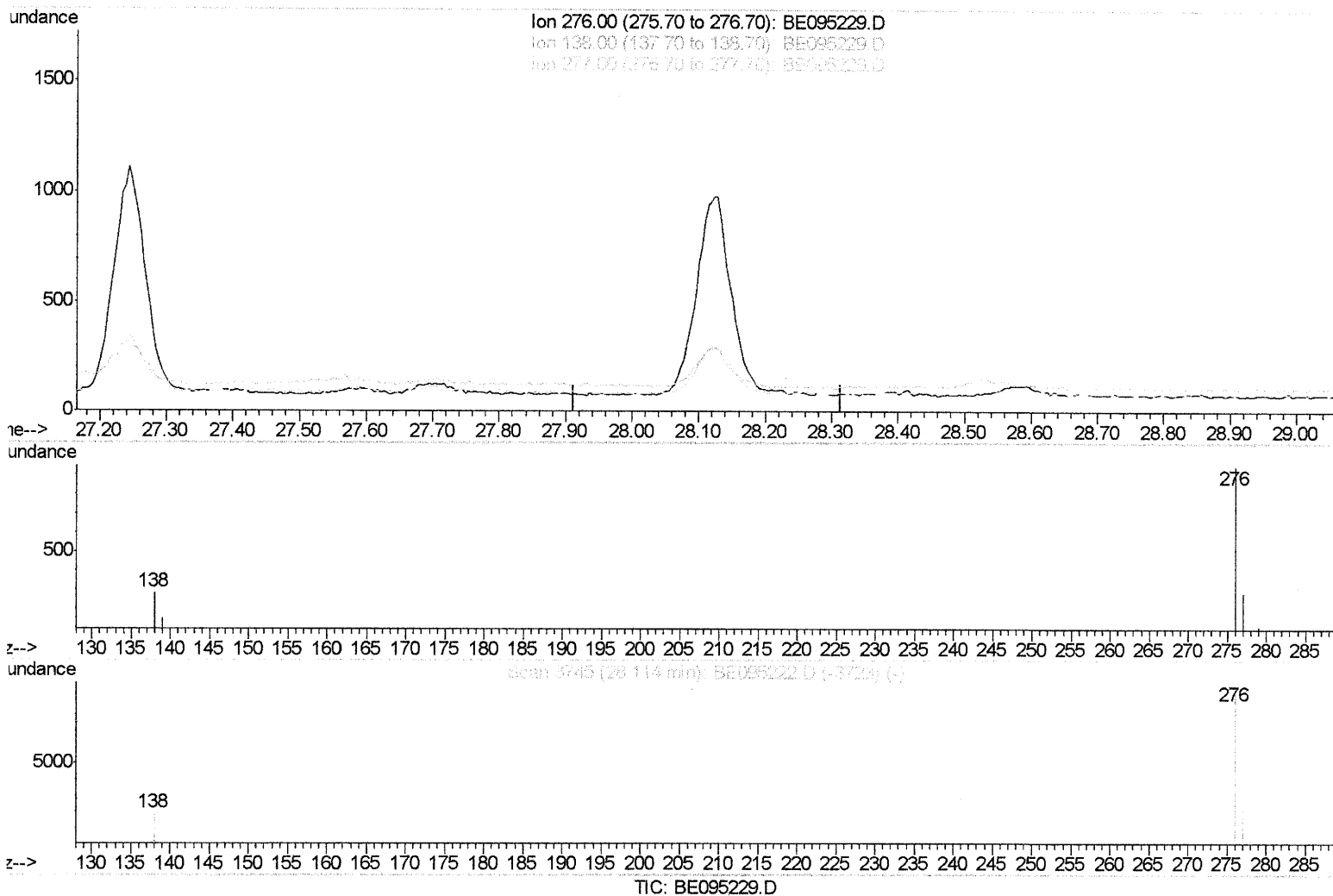
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
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(26) Benzo(g,h,i)perylene

28.114min (-28.114) 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)

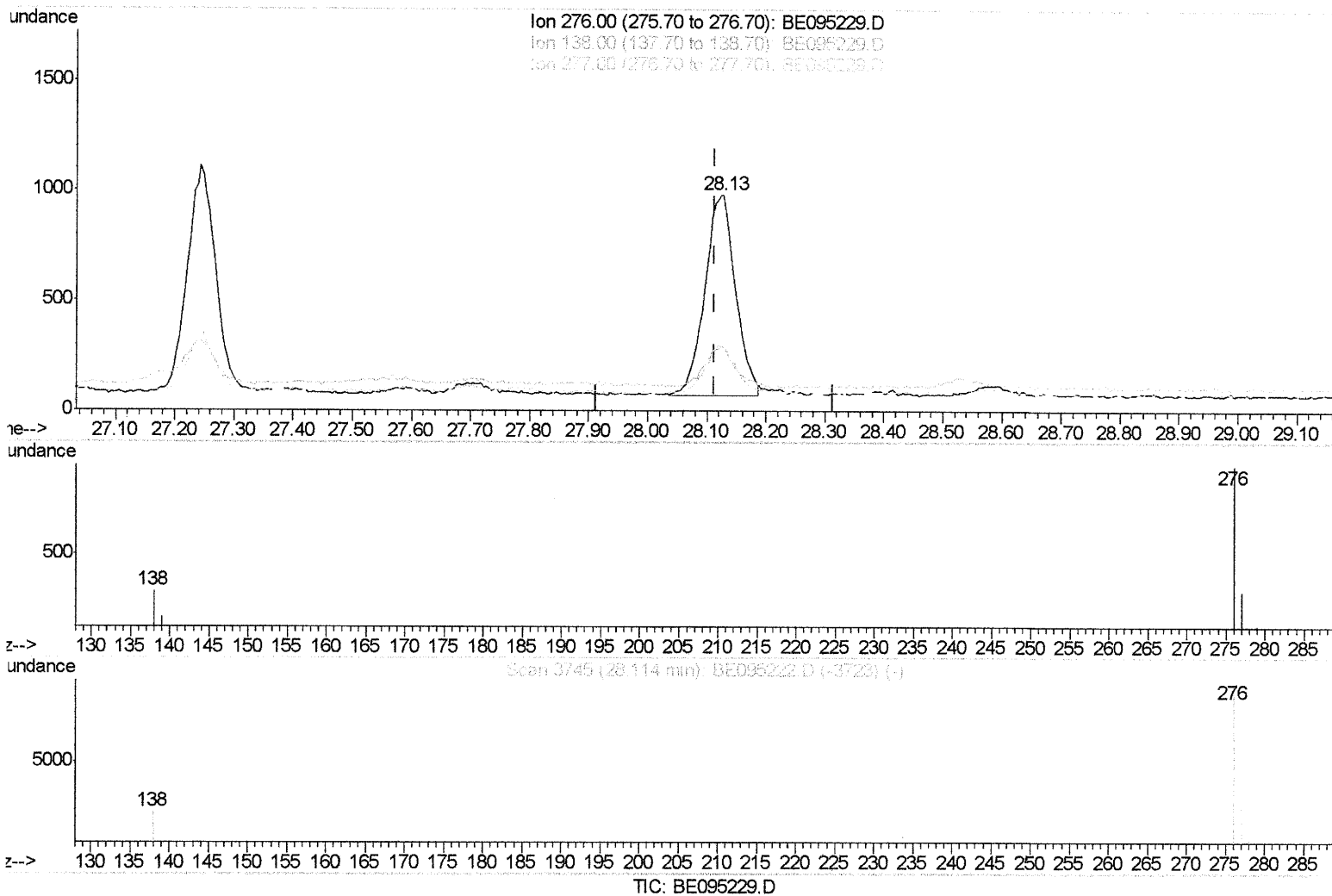
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A74

Manual Integrations
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Sohil
 1/29/2018 6:26:10 PM

Quant Time: Jan 29 08:37:59 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 08:11:22 2018
 Response via : Initial Calibration



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

28.127min (+0.014) 0.09ng/ul m

SS 1/31/18

response 3299

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	29.84
277.00	25.60	29.53
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095229.D
 Acq On : 29 Jan 2018 4:27
 Operator : SJ/JU
 Sample : J1223-08
 Disc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 F6A74

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:10 PM

Quant Time: Jan 29 08:39:55 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3023	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9762	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6328	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13109m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	13902	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12929m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.82	152	3909	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11835	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.32	128	80488	2.944	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	11887	0.651	ng/ul	99
7) Acenaphthylene	14.75	152	1016	0.033	ng/ul#	81
8) Acenaphthene	15.08	153	3646	0.154	ng/ul	91
9) Fluorene	16.02	166	2402	0.099	ng/ul#	72
11) Pentachlorophenol	17.36	266	41830	16.475	ng/ul	95
12) Phenanthrene	17.75	178	16301	0.370	ng/ul#	87
13) Anthracene	17.85	178	4117	0.102	ng/ul	93
15) Fluoranthene	19.72	202	41422	0.726	ng/ul	84
17) Pyrene	20.08	202	36596	0.784	ng/ul#	81
18) Benzo(a)anthracene	21.79	228	10604	0.244	ng/ul#	88
19) Chrysene	21.84	228	11101m	0.246	ng/ul	
21) Benzo(b)fluoranthene	23.63	252	14579m	0.320	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	3334m	0.080	ng/ul	
23) Benzo(a)pyrene	24.32	252	3797m	0.093	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	3427m	0.077	ng/ul	
25) Dibenzo(a,h)anthracene	27.25	278	802m	0.022	ng/ul	
26) Benzo(a,h,i)perylene	28.13	276	3299m	0.087	ng/ul	

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