

Quantitation Report (QT Reviewed)

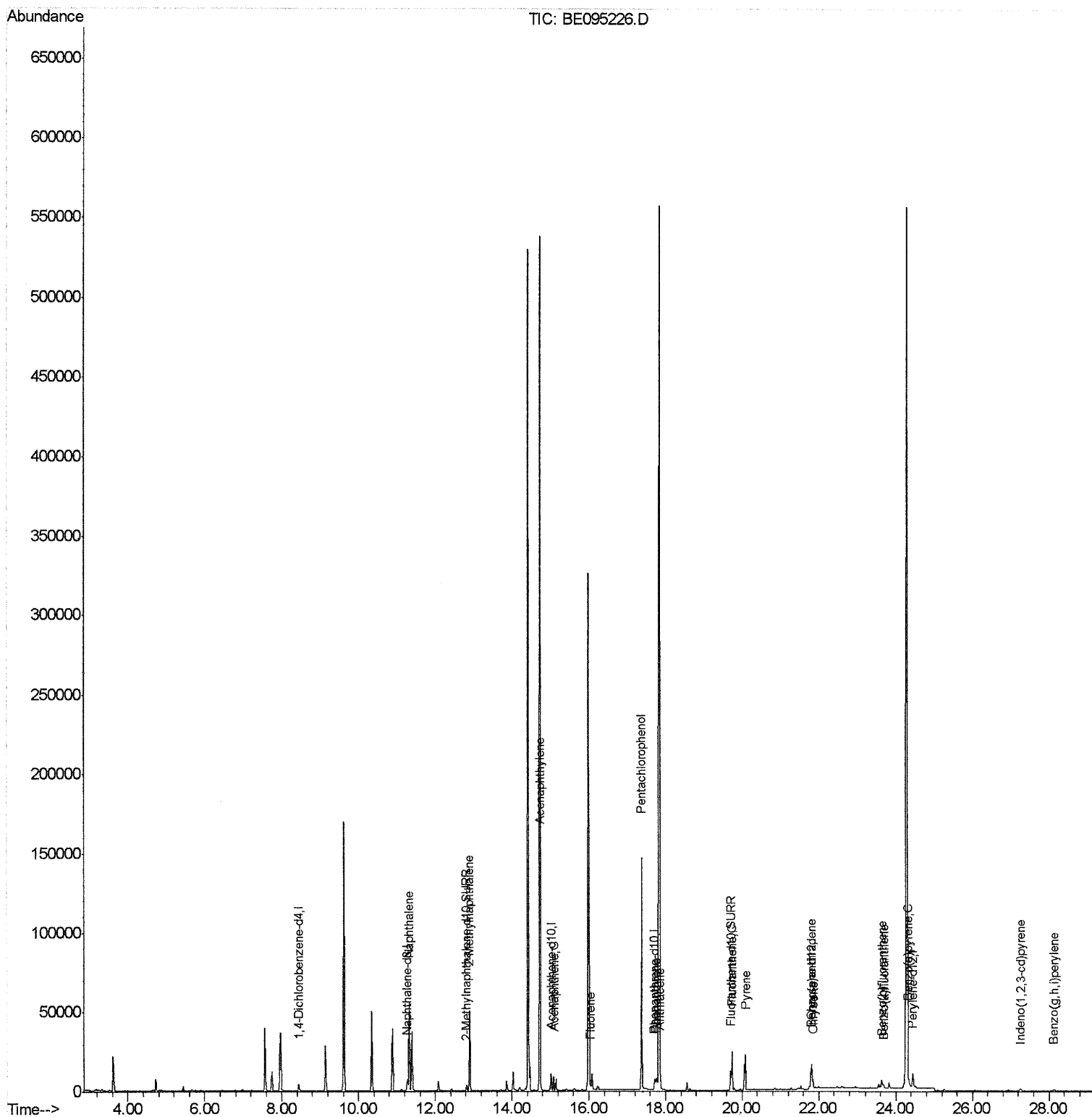
Instrument :
BNA_E
ClientSampleId :
F6A71

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:05 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095226.D
Acq On : 29 Jan 2018 2:39
Operator : SJ/JU
Sample : J1223-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 29 08:29:47 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)

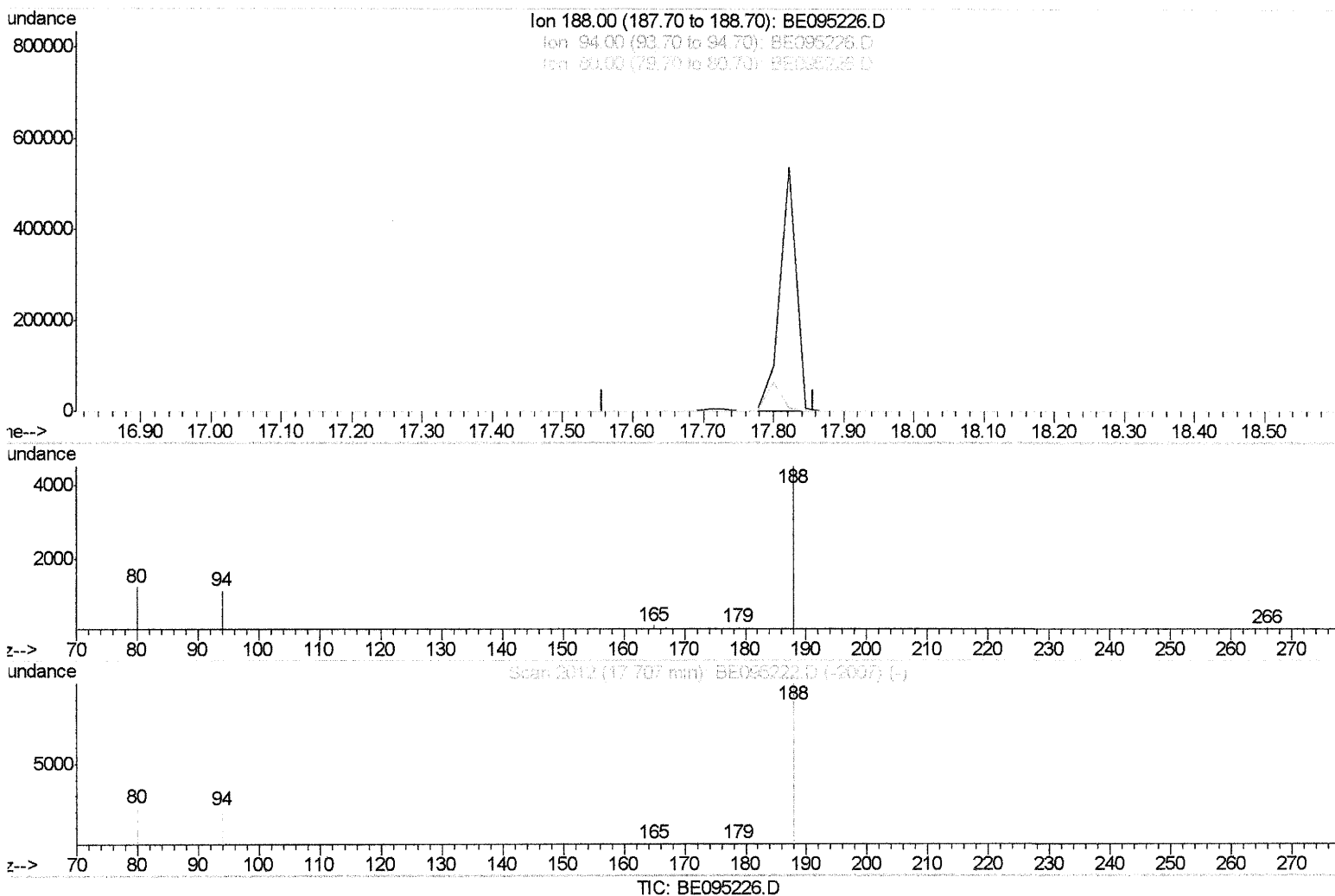
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095226.D
Acq On : 29 Jan 2018 2:39
Operator : SJ/JU
Sample : J1223-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6A71

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:13:43 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)

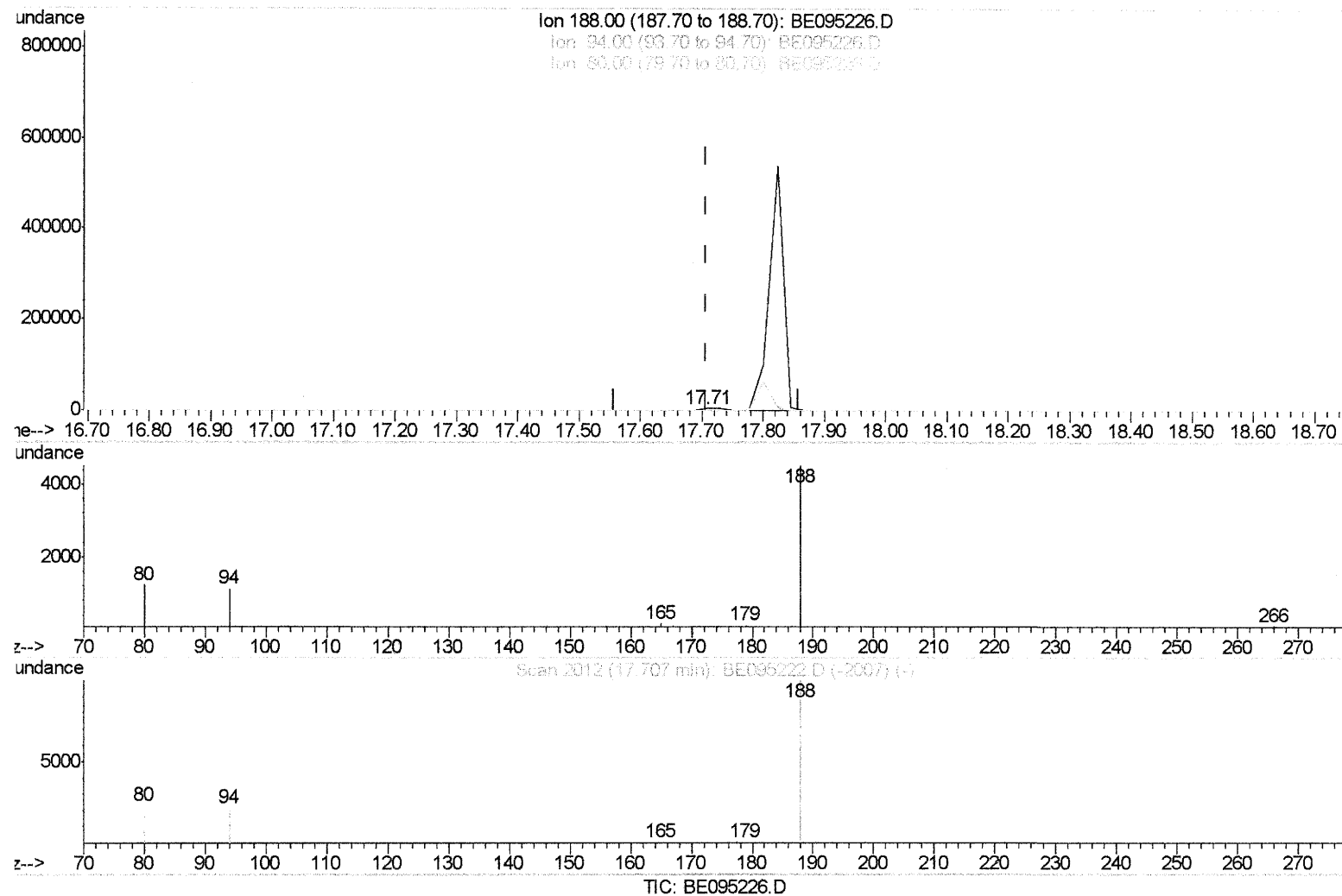
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:13:43 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 (-0.000) 0.40ng/ul m

501/31/18

response 12555

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	24.97#
80.00	11.80	27.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

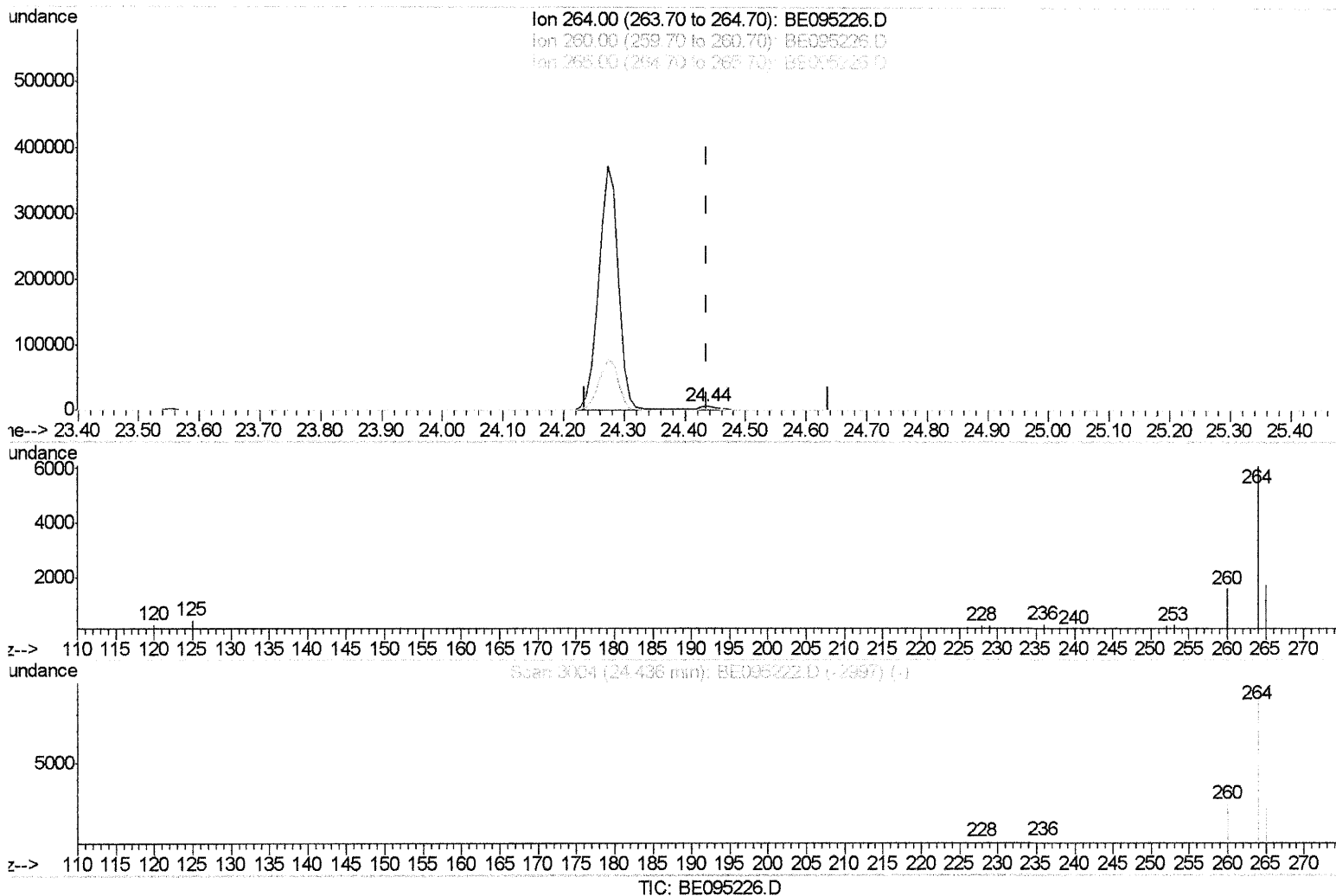
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095226.D
Acq On : 29 Jan 2018 2:39
Operator : SJ/JU
Sample : J1223-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6A71

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:26:33 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



(20) Perylene-d12 (I)

24.435min (-0.001) 0.40ng/ul m

response 11730

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.81
265.00	103.50	27.85#
0.00	0.00	0.00

501/31/18

Quantitation Report (Qedit)

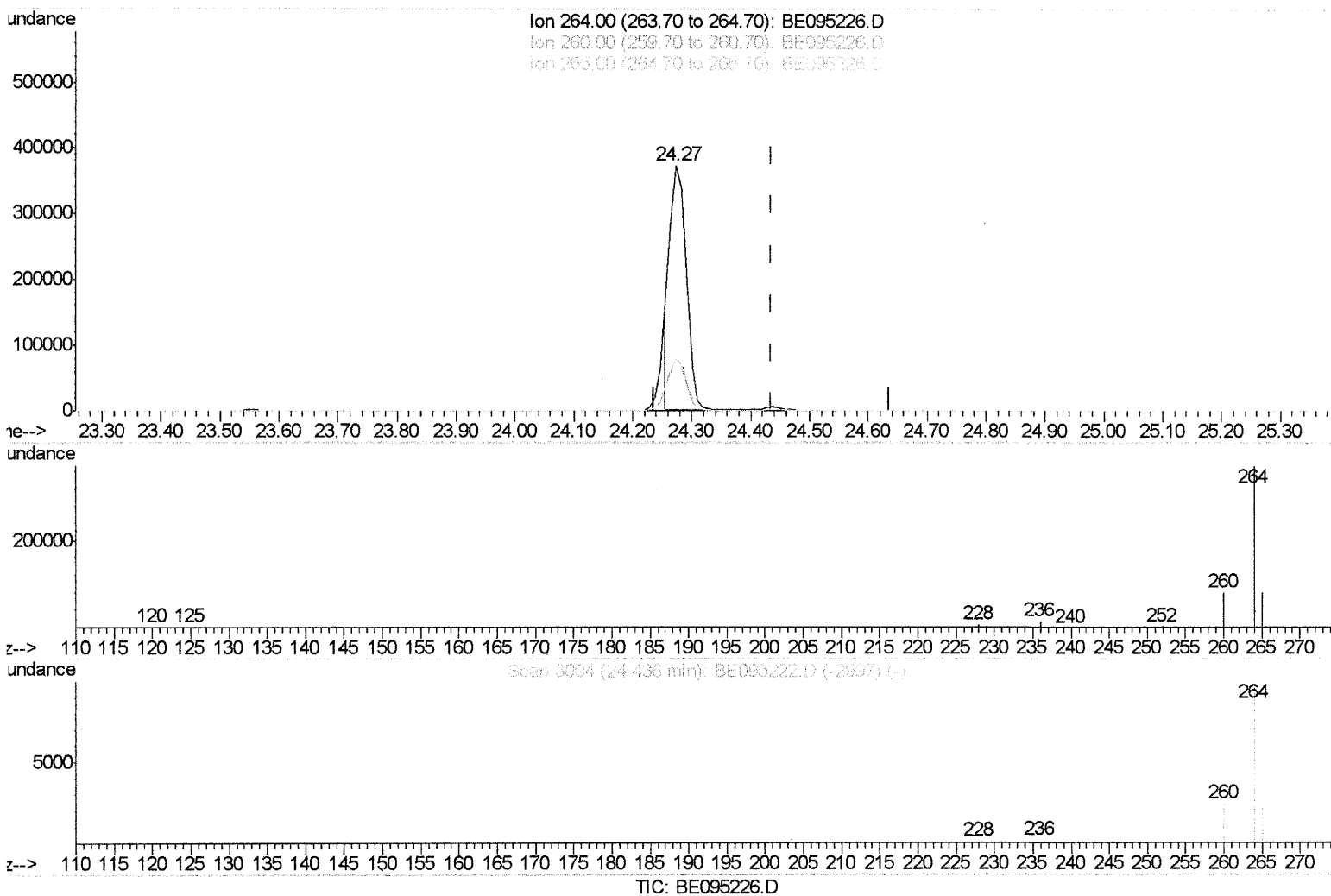
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:26:33 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



(20) Perylene-d12 (I)

24.273min (-0.163) 0.40ng/ul

response 685458

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.34#
265.00	103.50	21.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

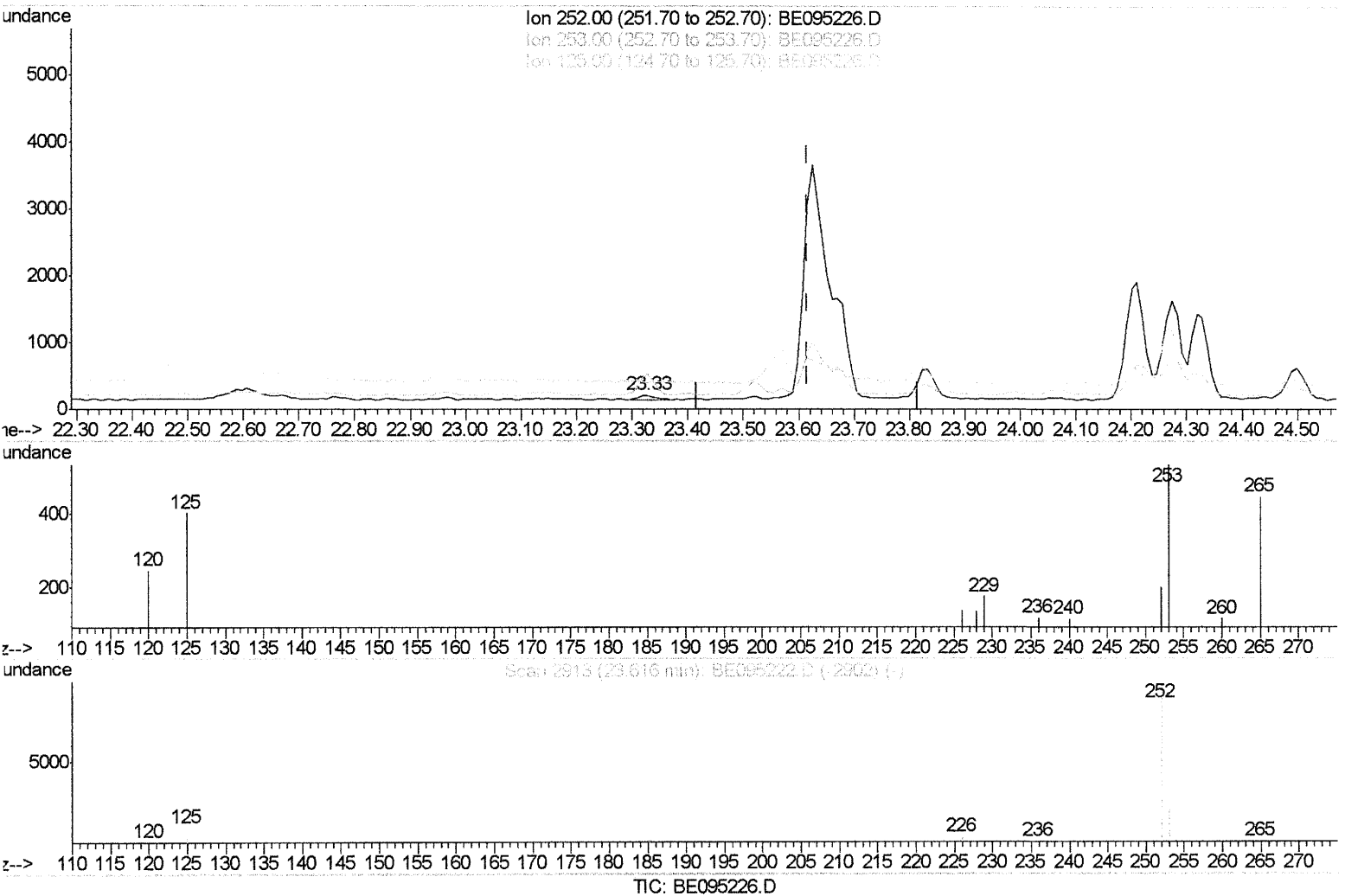
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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



(21) Benzo(b)fluoranthene

23.327min (-0.289) 0.00ng/ul

response 132

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	265.67#
125.00	17.50	200.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

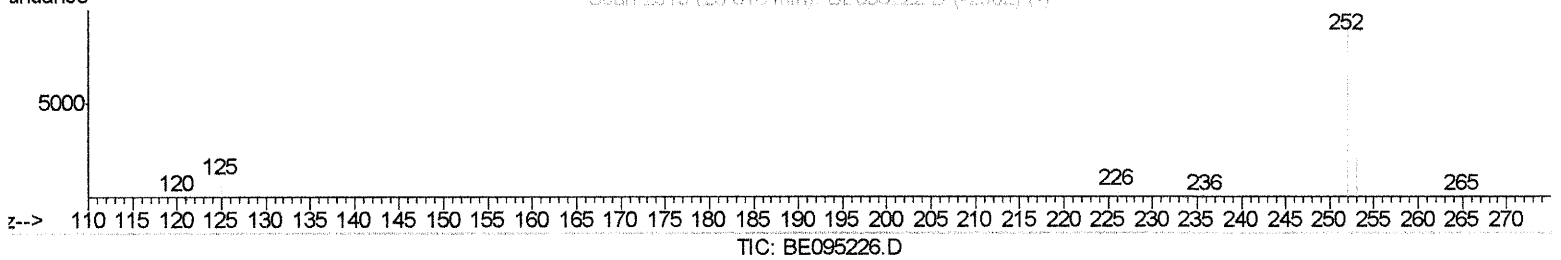
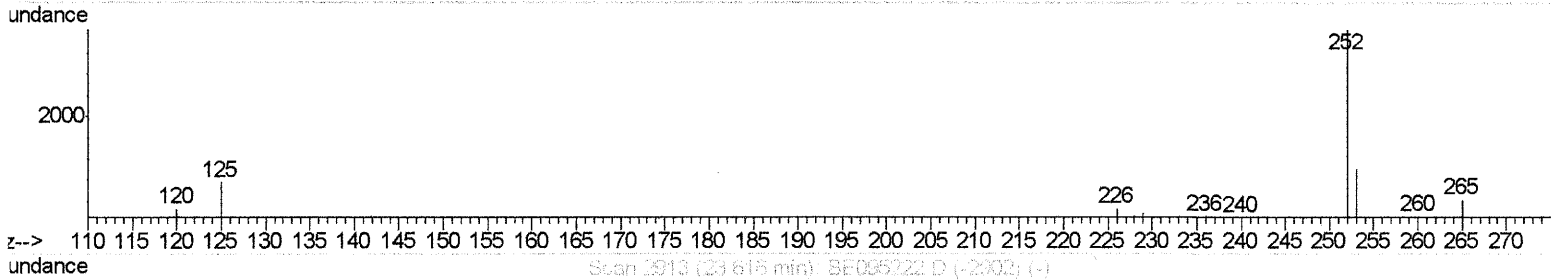
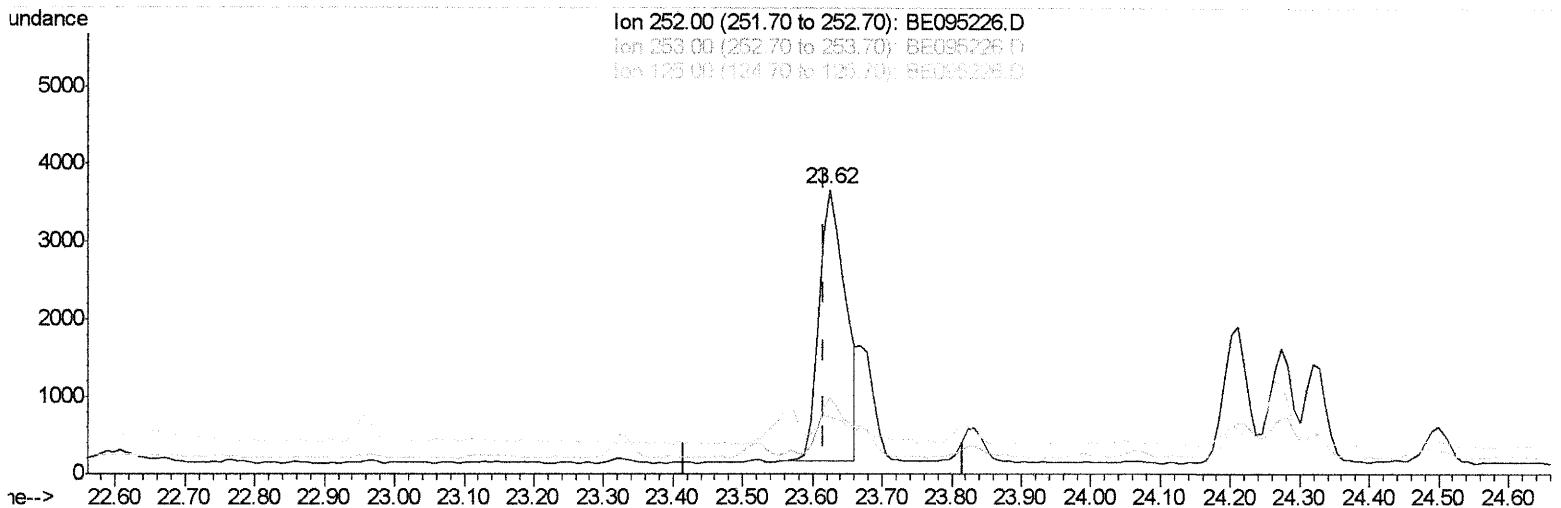
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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



(21) Benzo(b)fluoranthene

23.624min (+0.008) 0.23ng/ul m

response 9388

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.06
125.00	17.50	20.46
0.00	0.00	0.00

5/1/31/18

Quantitation Report (Qedit)

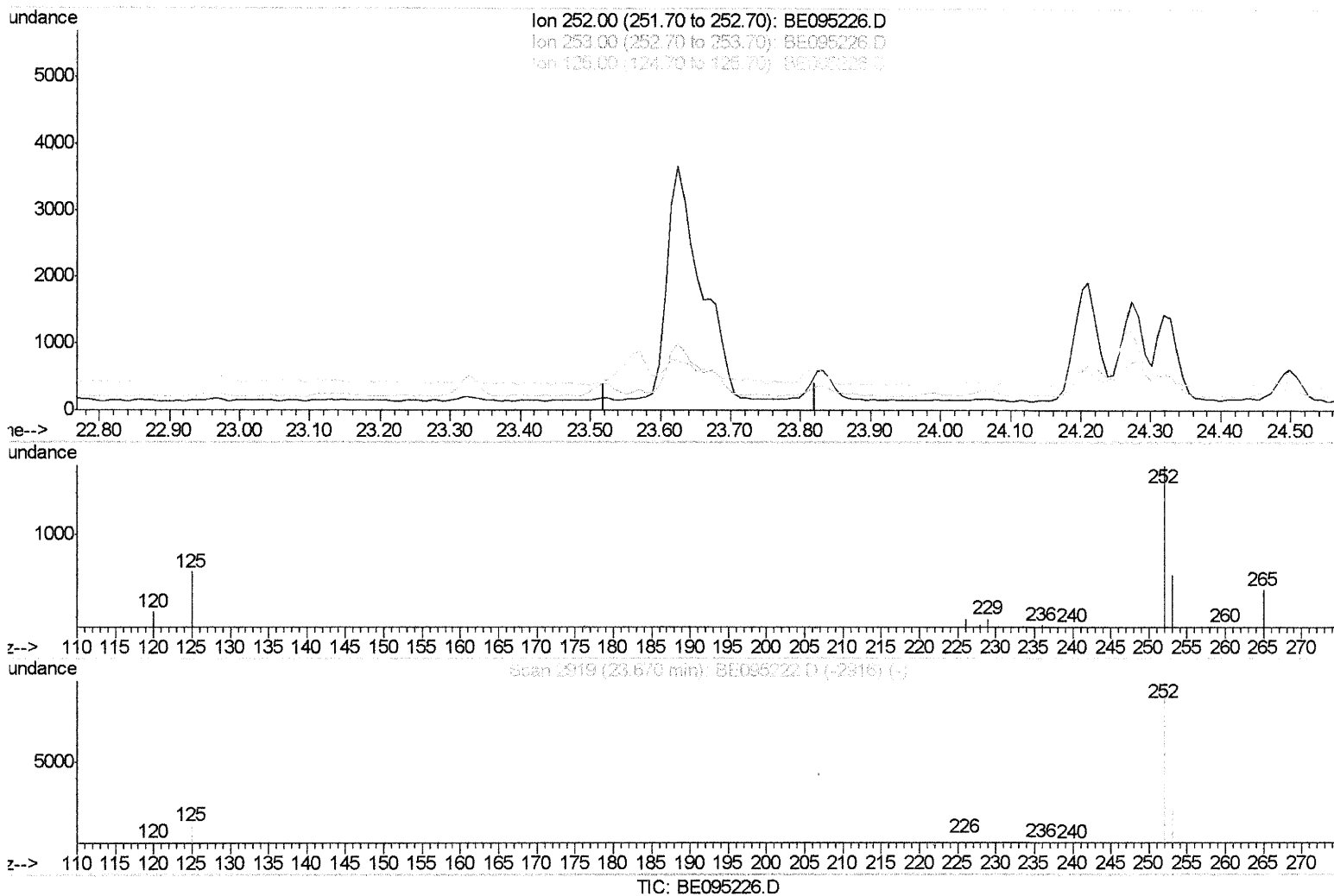
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095226.D
Acq On : 29 Jan 2018 2:39
Operator : SJ/JU
Sample : J1223-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6A71

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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 (-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)

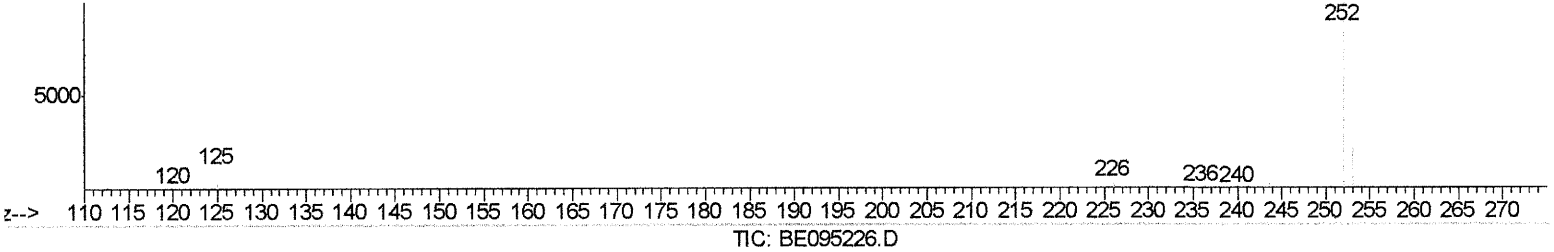
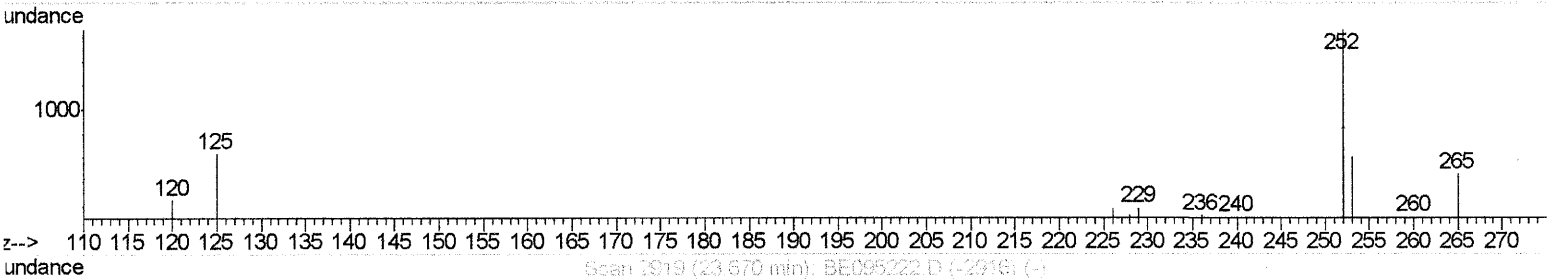
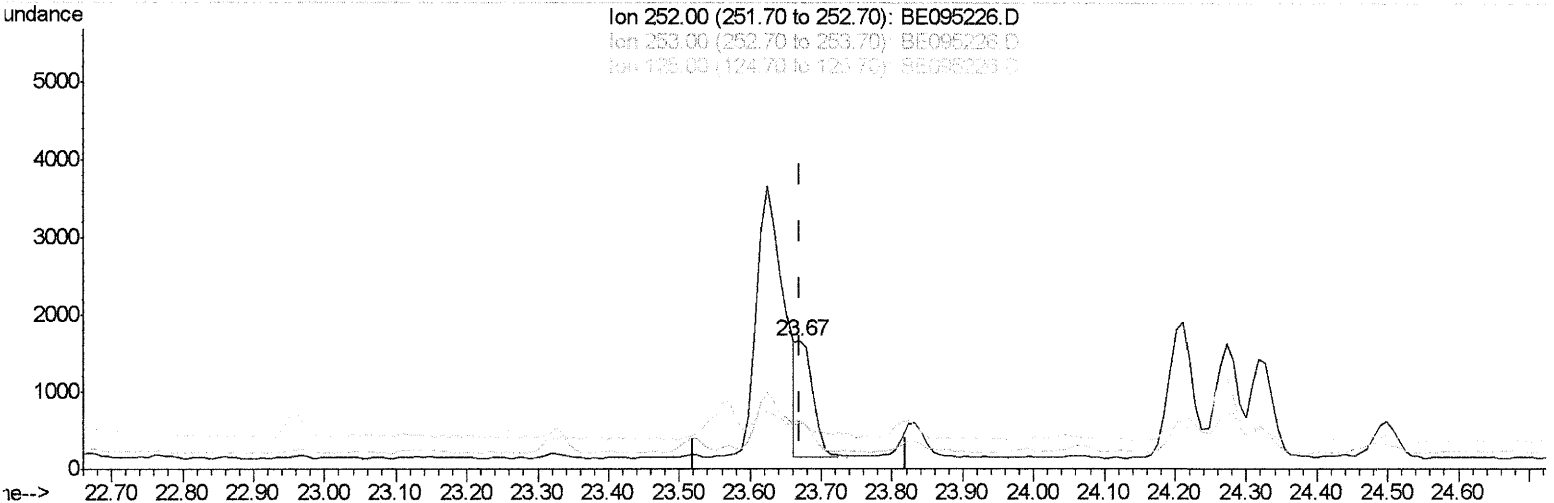
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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

23.669min (-0.001) 0.06ng/ul m

response 2364

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	36.34
125.00	17.10	38.08#
0.00	0.00	0.00

551/31/18

Quantitation Report (Qedit)

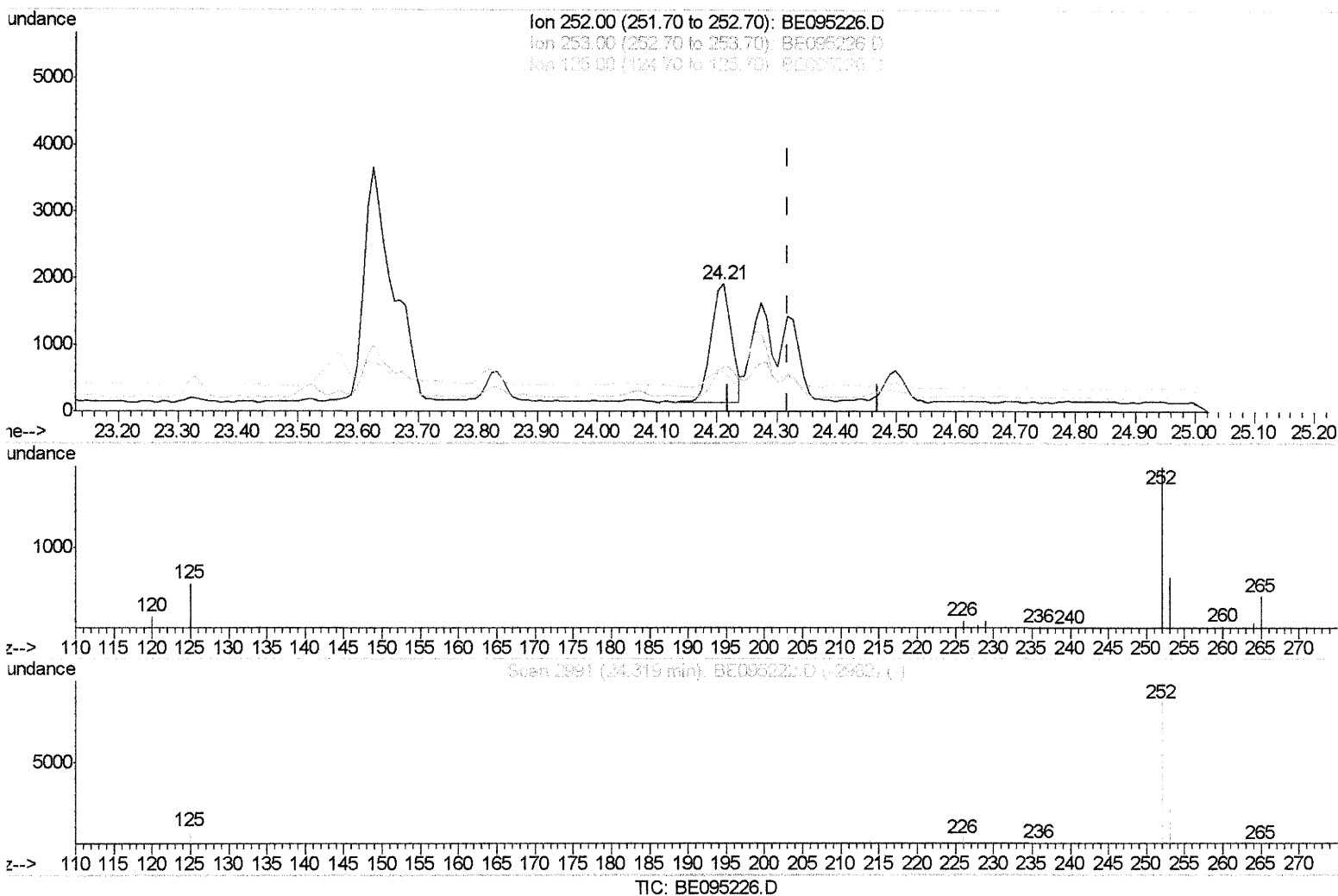
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095226.D
Acq On : 29 Jan 2018 2:39
Operator : SJ/JU
Sample : J1223-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
Client Sampled :
F6A71

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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



(23) Benzo(a)pyrene (C)

24.210min (-0.109) 0.11ng/ul

response 4179

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	34.90
125.00	22.60	31.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

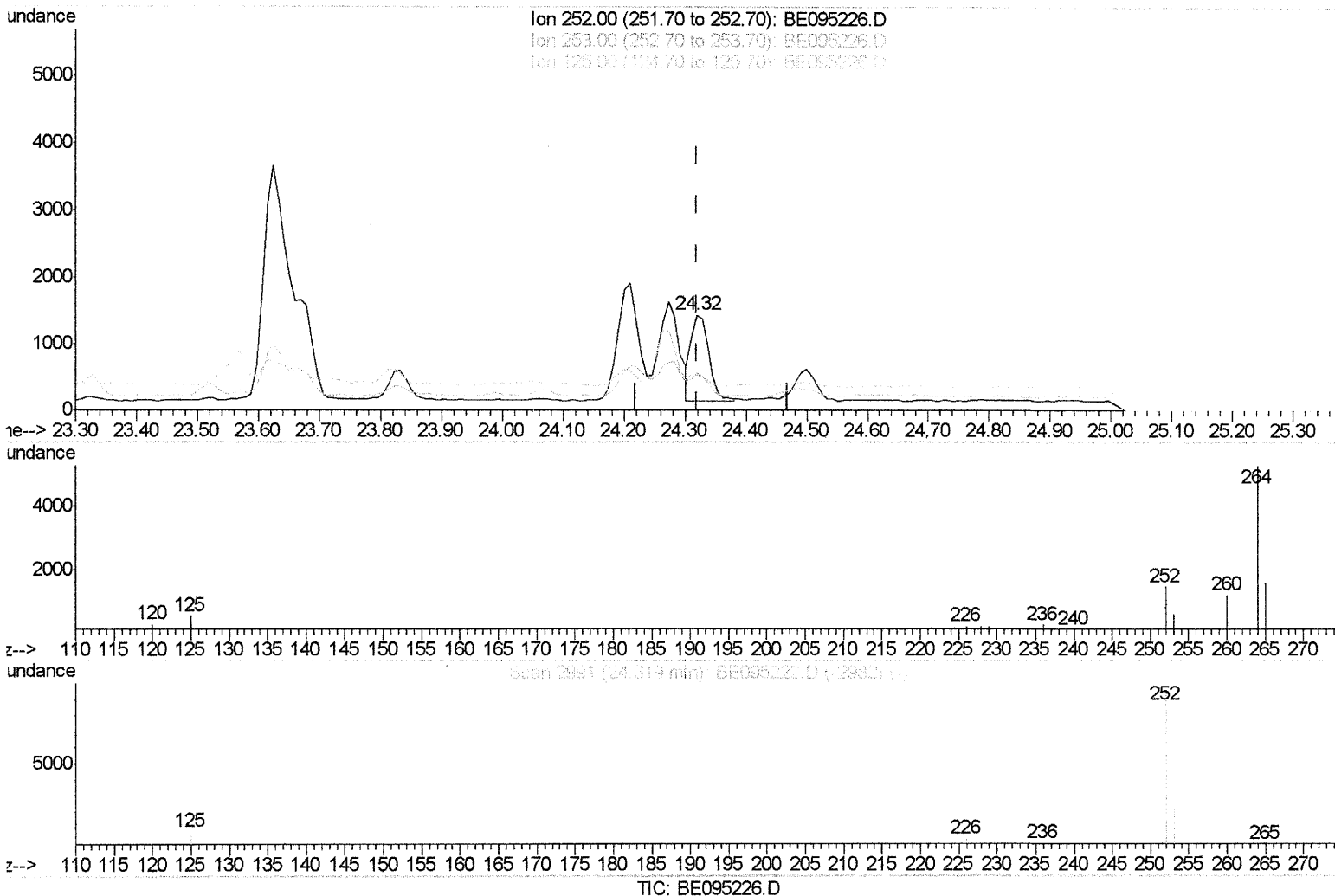
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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



(23) Benzo(a)pyrene (C)

24.318min (-0.001) 0.07ng/ul m

501/31/18

response 2675

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.15
125.00	22.60	36.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

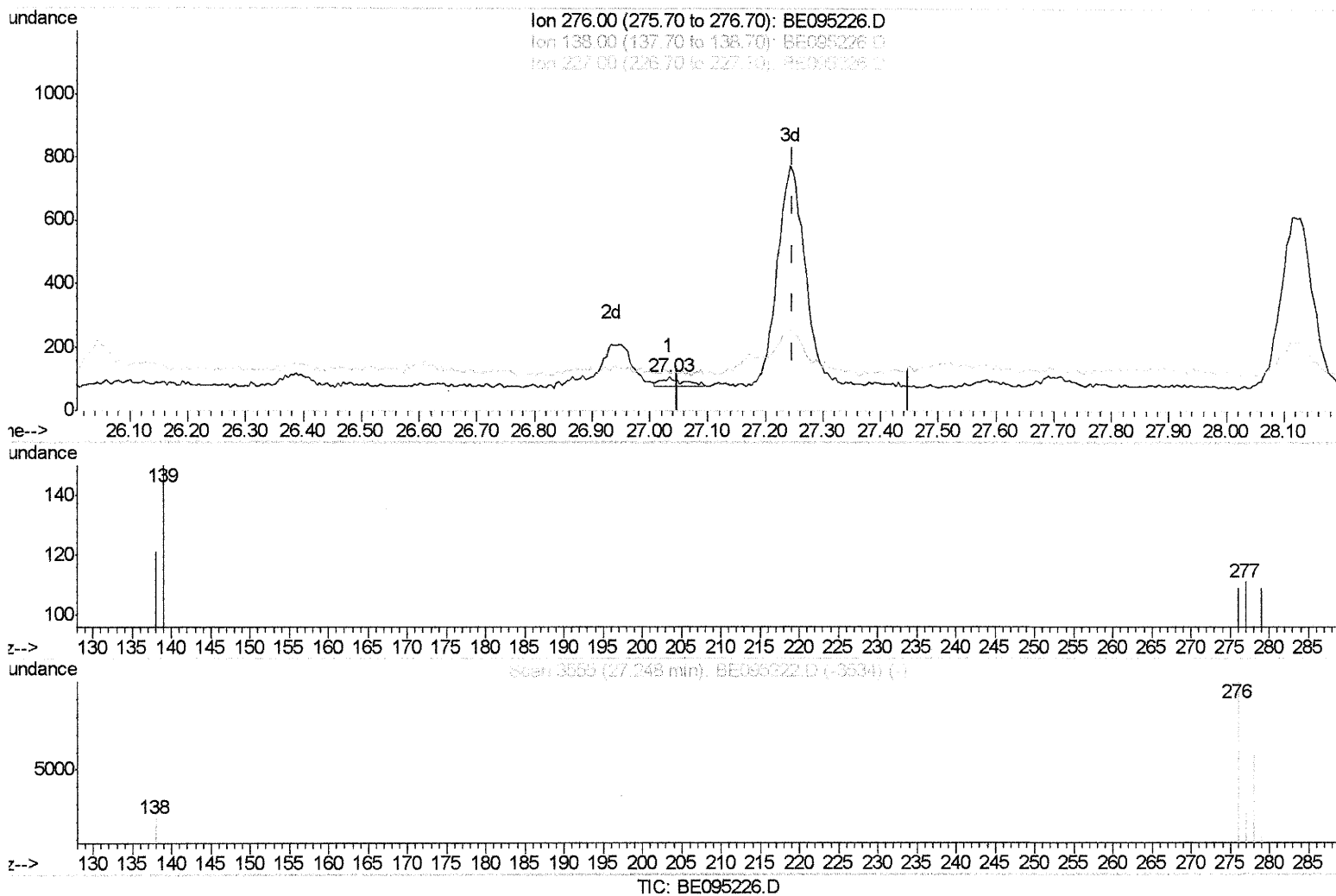
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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



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

27.034min (-0.214) 0.00ng/ul

response 74

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	13.51#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

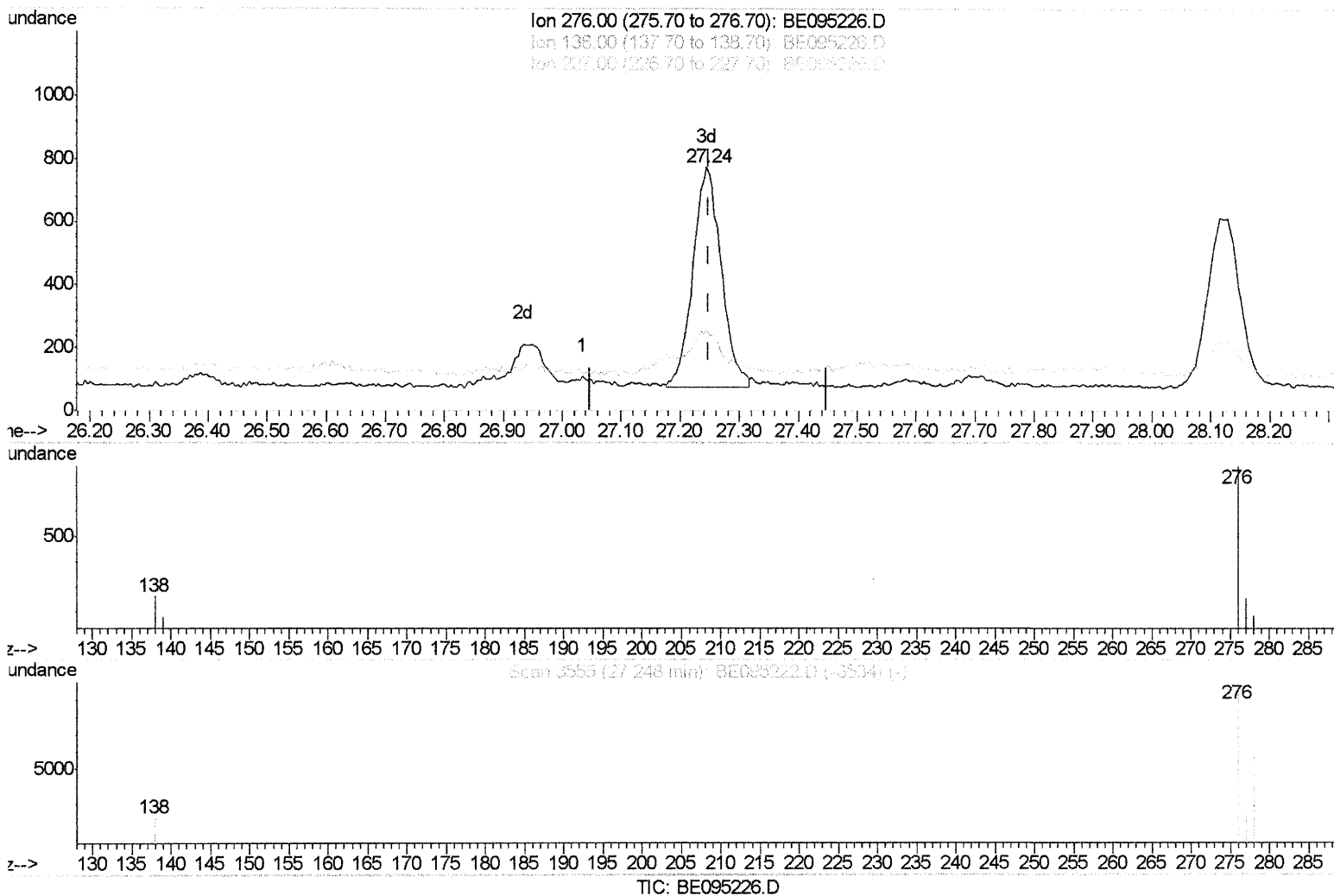
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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



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

27.243min (-0.004) 0.06ng/ul m

response 2336

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.43#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ/31/18

Quantitation Report (Qedit)

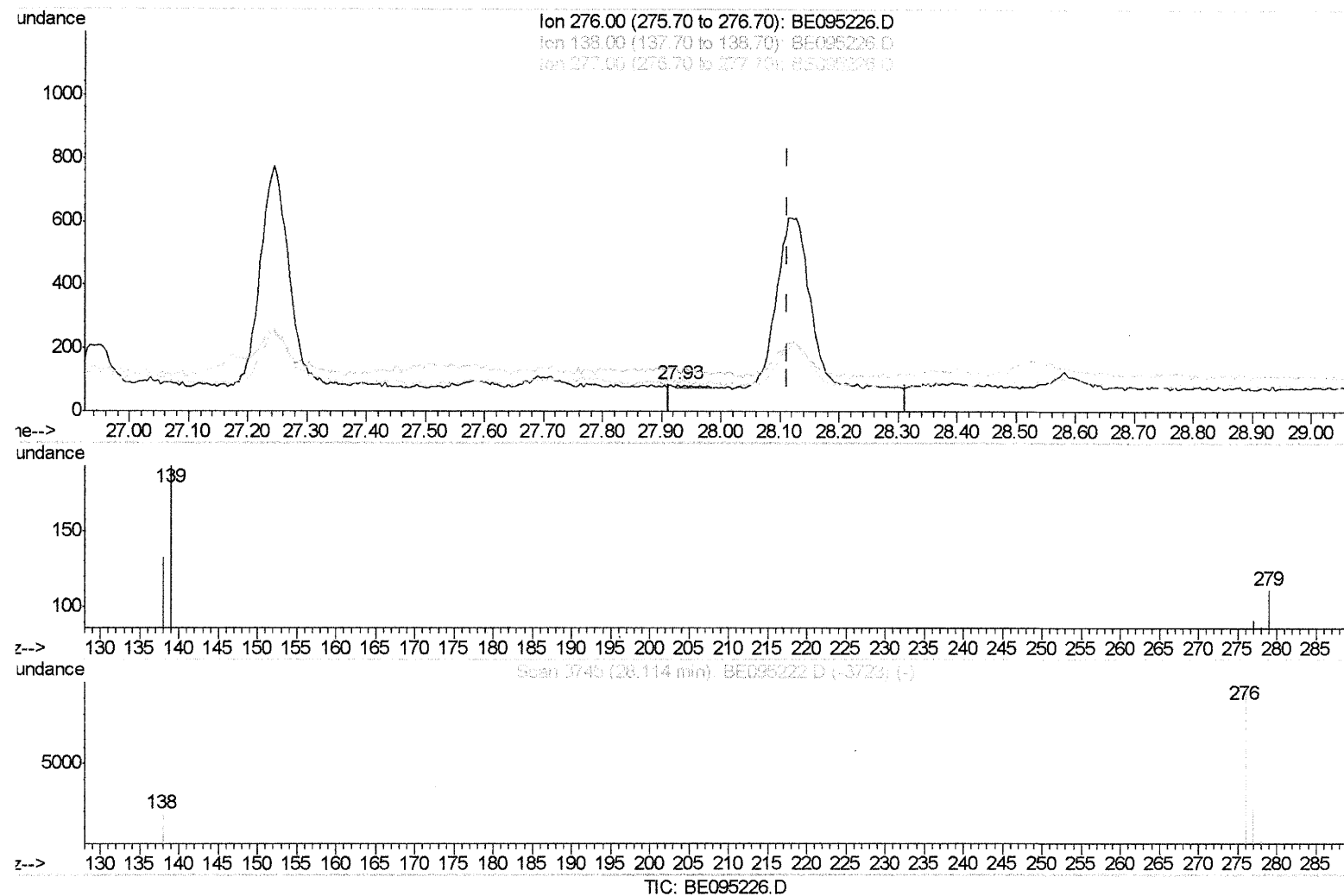
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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

27.927min (-0.187) 0.00ng/ul

response 17

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	153.49#
277.00	25.60	105.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

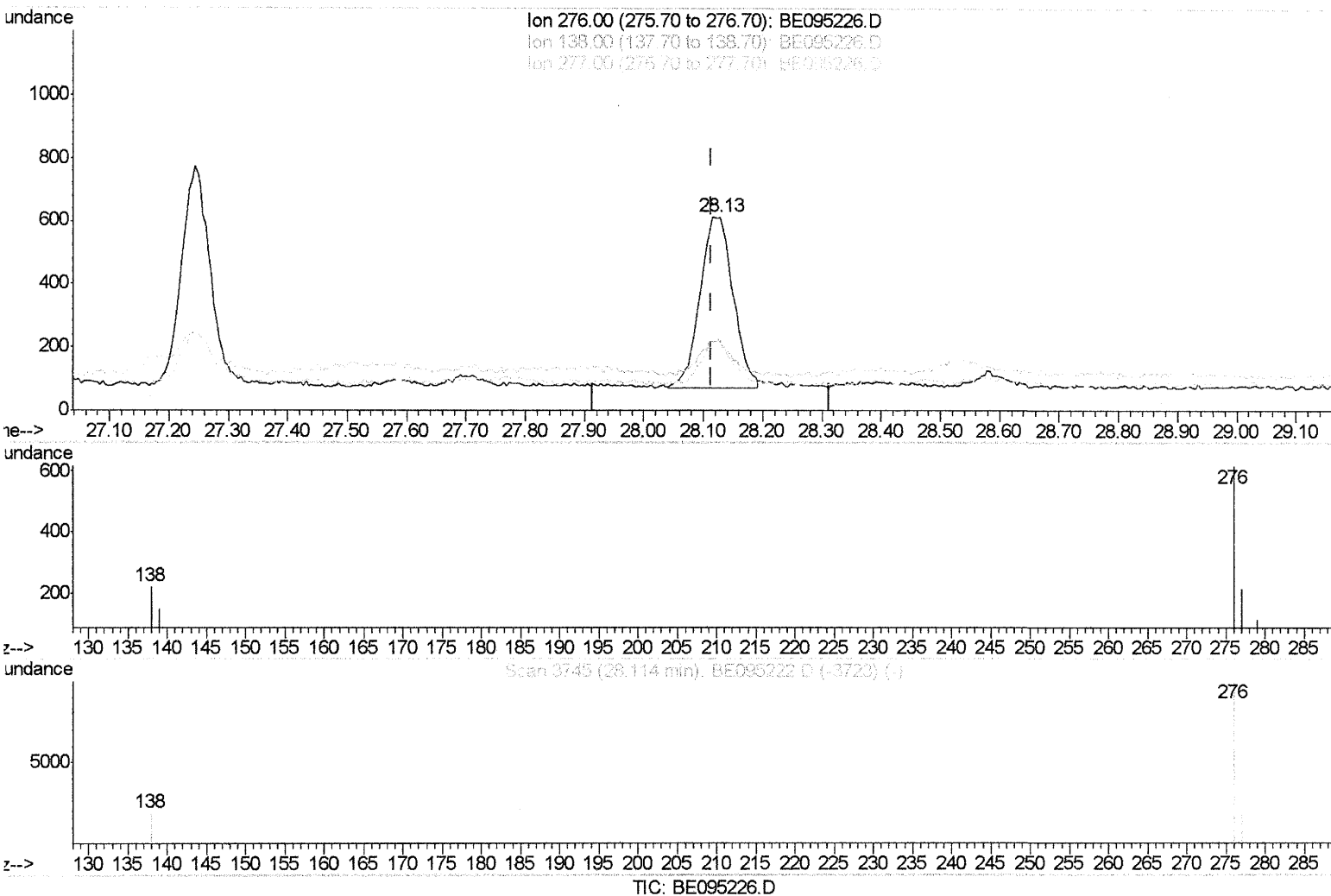
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:27:46 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

28.128min (+0.014) 0.06ng/ul m

response 2113

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	36.22#
277.00	25.60	34.91#
0.00	0.00	0.00

5/1/31/14

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095226.D
 Acq On : 29 Jan 2018 2:39
 Operator : SJ/JU
 Sample : J1223-05
 Disc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 F6A71

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:05 PM

Quant Time: Jan 29 08:29:47 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	2871	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9374	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6139	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	12555m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	13024	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11730m	0.40	ng/ul	0.00

501/31/18
 501/31/18

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4609	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12853	0.27	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	79098	3.013	ng/ul#	87
5) 2-Methylnaphthalene	12.89	142	39757	2.268	ng/ul	100
7) Acenaphthylene	14.74	152	1312	0.044	ng/ul#	67
8) Acenaphthene	15.08	153	5362	0.234	ng/ul	96
9) Fluorene	16.03	166	3311	0.140	ng/ul#	75
11) Pentachlorophenol	17.36	266	82002	33.721	ng/ul	95
12) Phenanthrene	17.75	178	8446	0.200	ng/ul#	87
13) Anthracene	17.85	178	2570	0.066	ng/ul#	93
15) Fluoranthene	19.73	202	26272	0.481	ng/ul	83
17) Pyrene	20.08	202	24625	0.563	ng/ul#	82
18) Benzo(a)anthracene	21.79	228	7088	0.174	ng/ul#	88
19) Chrysene	21.84	228	6594	0.156	ng/ul	93
21) Benzo(b)fluoranthene	23.62	252	9388m	0.227	ng/ul	} 501/31/18
22) Benzo(k)fluoranthene	23.67	252	2364m	0.062	ng/ul	
23) Benzo(a)pyrene	24.32	252	2675m	0.072	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	2336m	0.058	ng/ul	
26) Benzo(a,h,i)perylene	28.13	276	2113m	0.062	ng/ul	

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