

Quantitation Report (QT Reviewed)

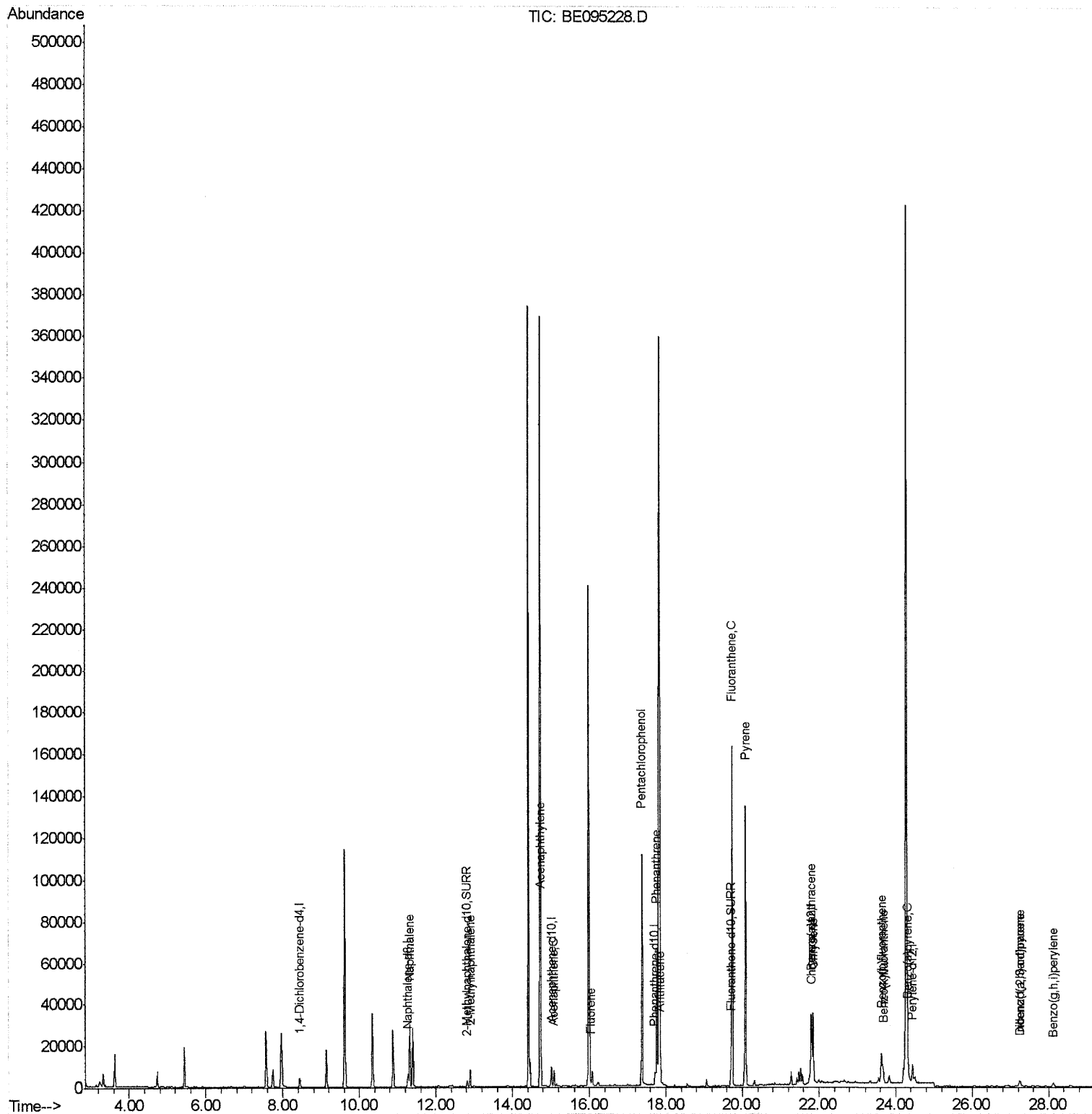
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095228.D
 Acq On : 29 Jan 2018 3:51
 Operator : SJ/JU
 Sample : J1223-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A73

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:35:36 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)

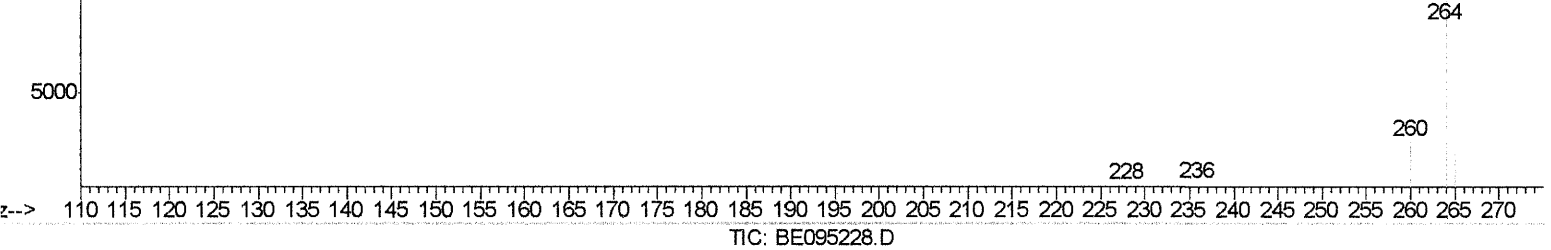
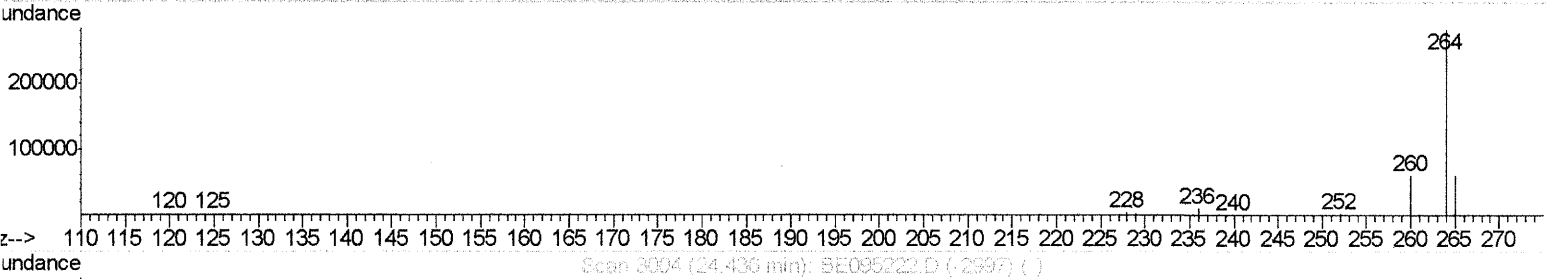
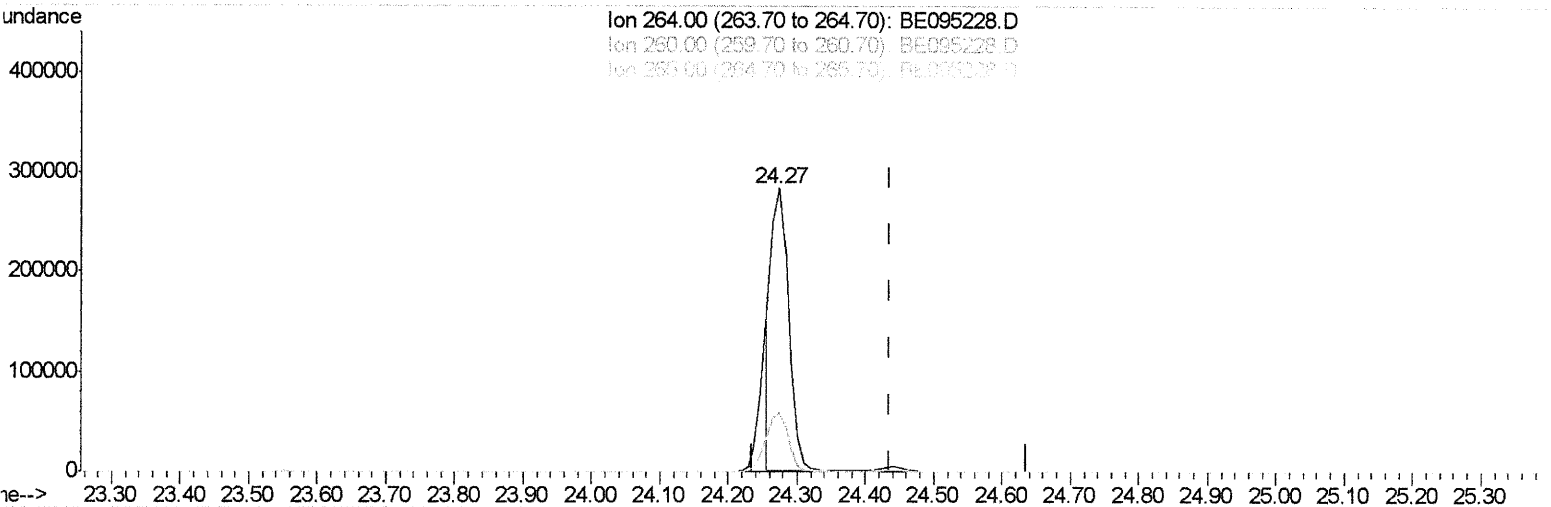
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095228.D
 Acq On : 29 Jan 2018 3:51
 Operator : SJ/JU
 Sample : J1223-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 F6A73

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:13:59 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



(20) Perylene-d12 (I)

24.274min (-0.163) 0.40ng/ul

response 491276

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.13#
265.00	103.50	21.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

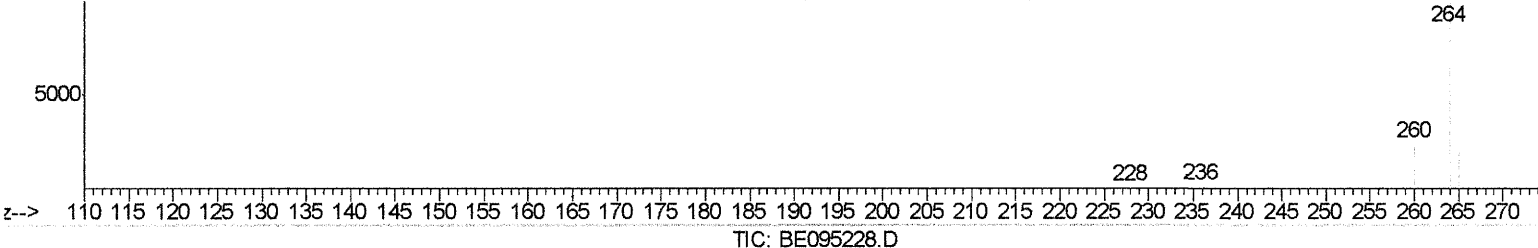
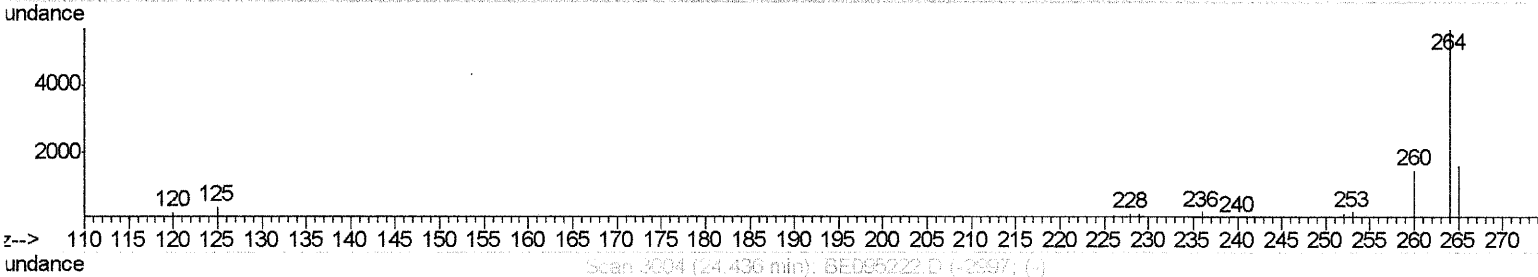
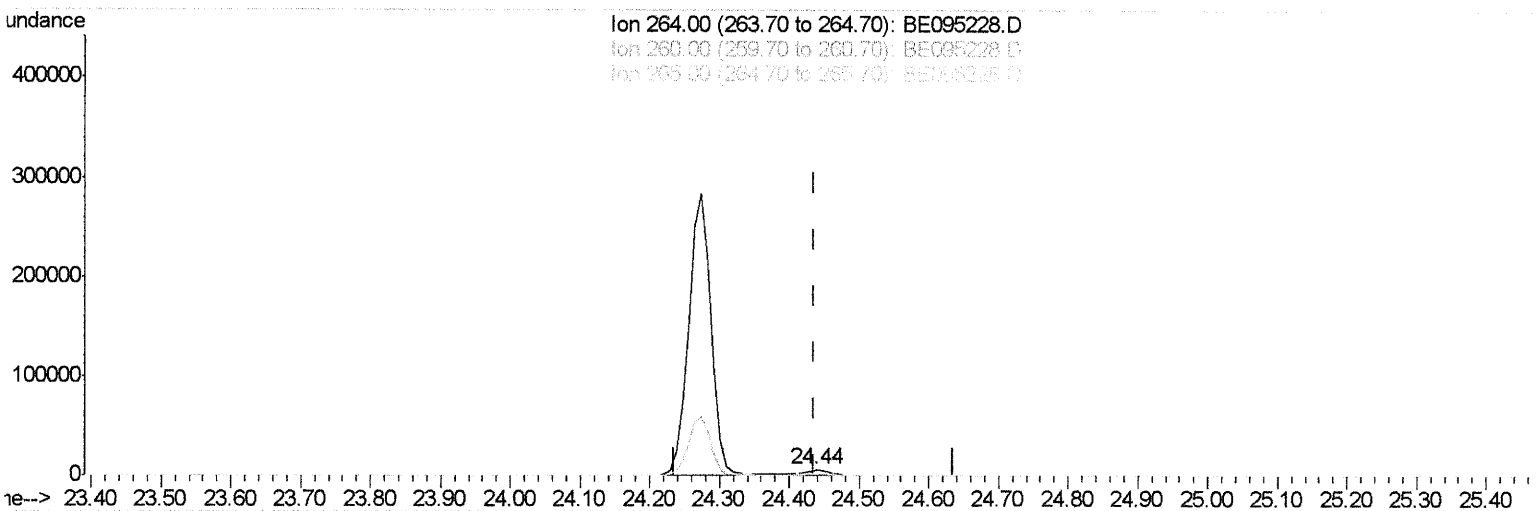
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095228.D
 Acq On : 29 Jan 2018 3:51
 Operator : SJ/JU
 Sample : J1223-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A73

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:13:59 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



(20) Perylene-d12 (I)

24.436min (-0.000) 0.40ng/ul m

SJ1/31/18

response 11224

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.18
265.00	103.50	28.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

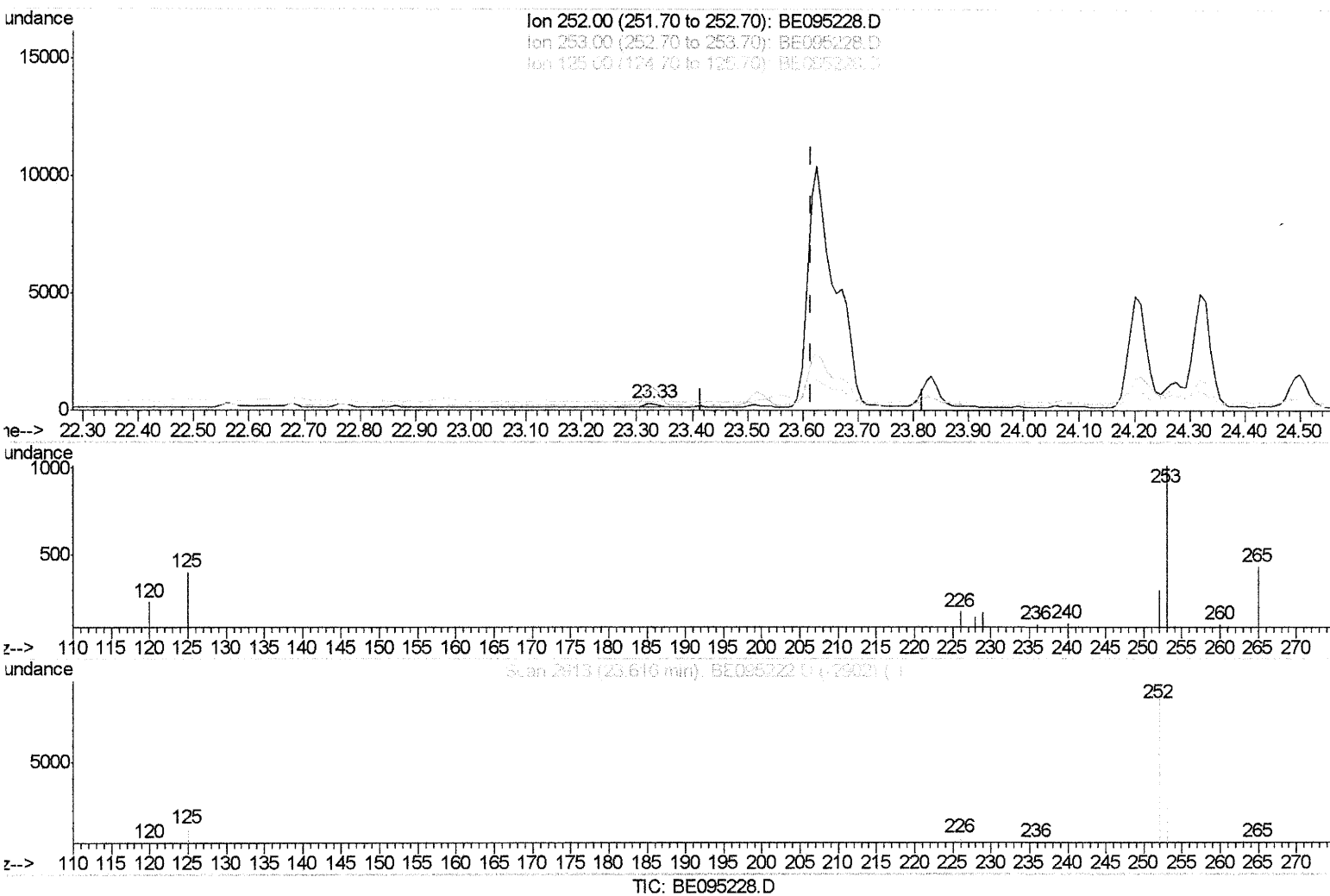
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095228.D
Acq On : 29 Jan 2018 3:51
Operator : SJ/JU
Sample : J1223-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6A73

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:33:25 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) 0.01ng/ul

response 321

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	343.39#
125.00	17.50	135.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

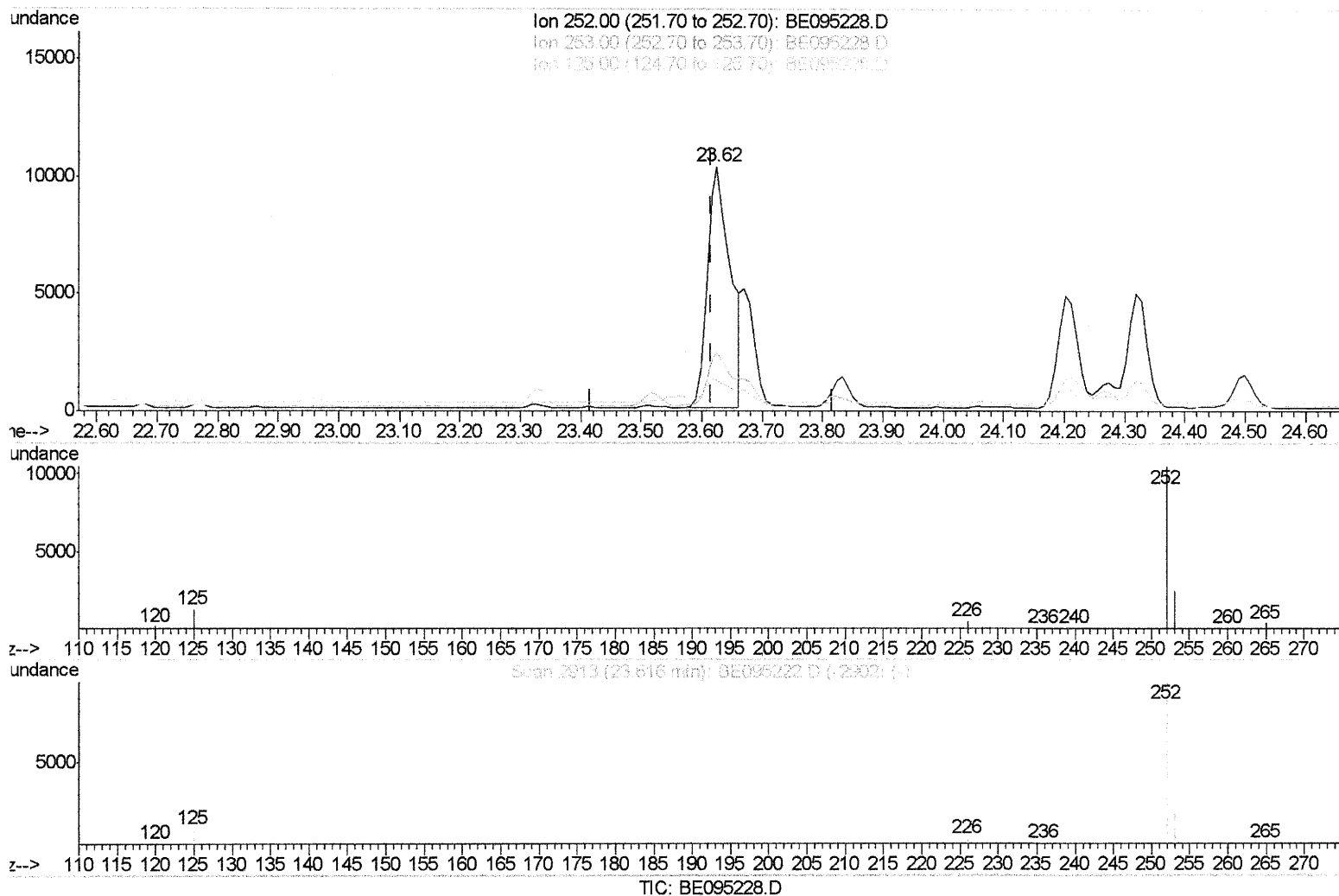
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095228.D
 Acq On : 29 Jan 2018 3:51
 Operator : SJ/JU
 Sample : J1223-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A73

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:33:25 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

23.625min (+0.009) 0.70ng/ul m

response 27778

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.95
125.00	17.50	12.80
0.00	0.00	0.00

5/1/31/18

Quantitation Report (Qedit)

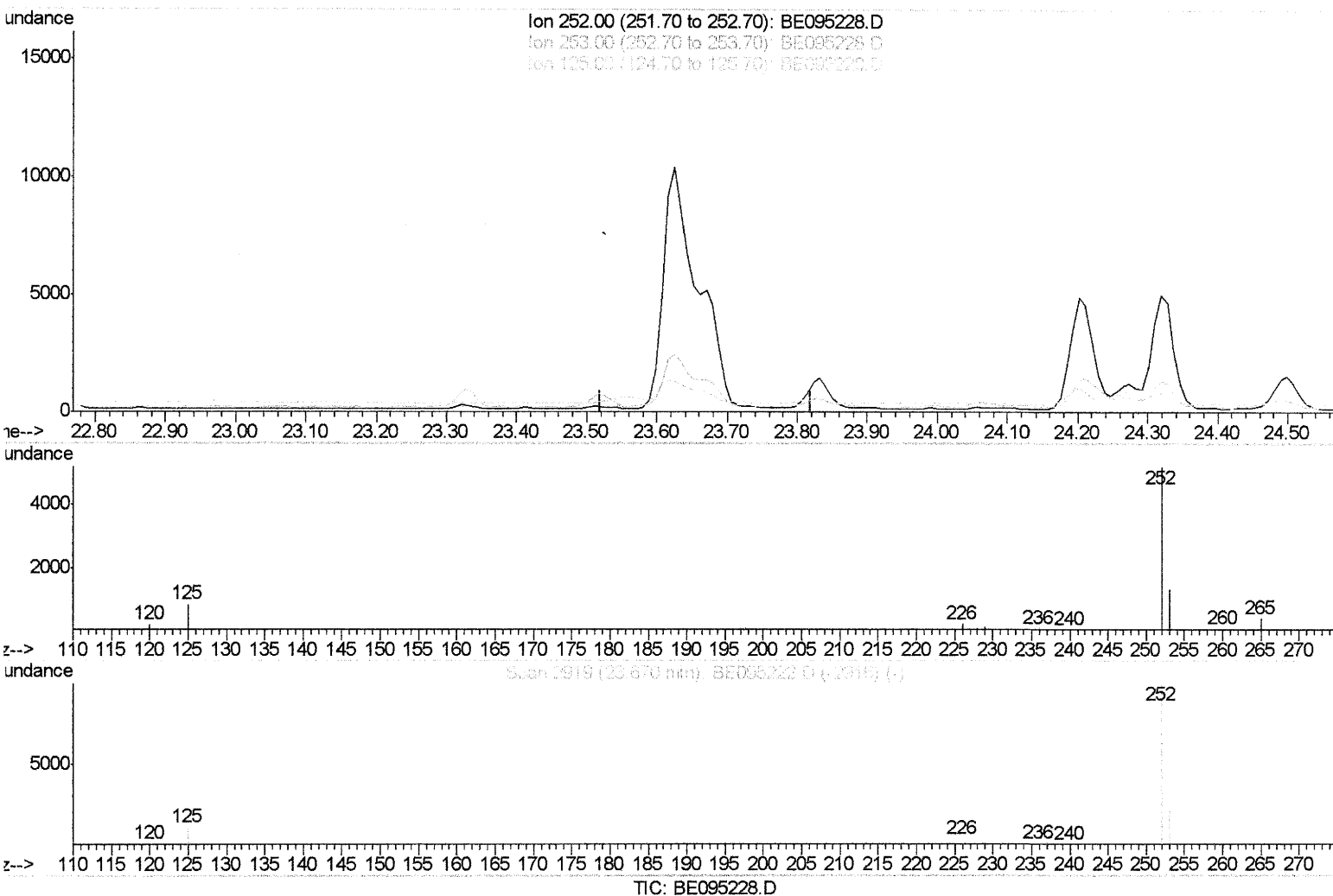
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095228.D
 Acq On : 29 Jan 2018 3:51
 Operator : SJ/JU
 Sample : J1223-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 F6A73

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:33:25 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)

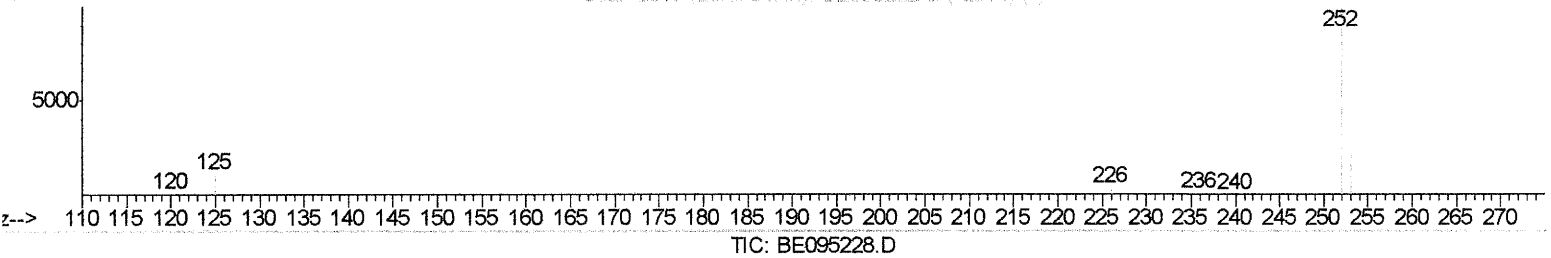
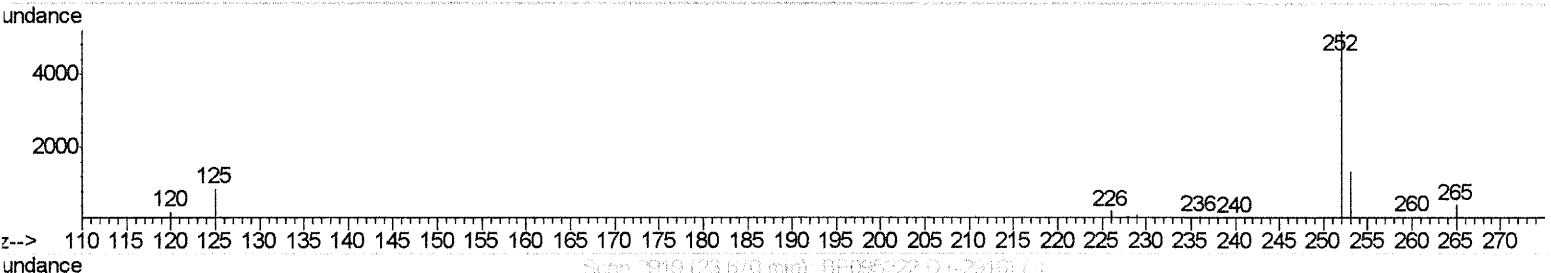
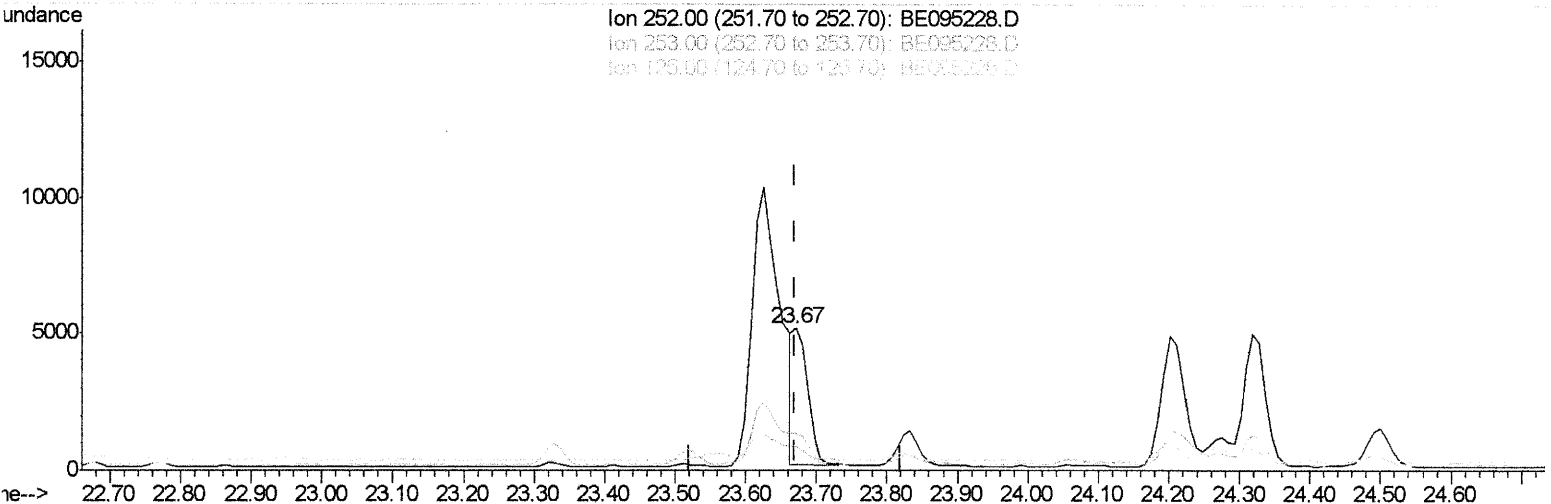
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095228.D
 Acq On : 29 Jan 2018 3:51
 Operator : SJ/JU
 Sample : J1223-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A73

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:33:25 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) 0.20ng/ul m

SJ 1/31/18

response 7087

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.17
125.00	17.10	16.95
0.00	0.00	0.00

Quantitation Report (Qedit)

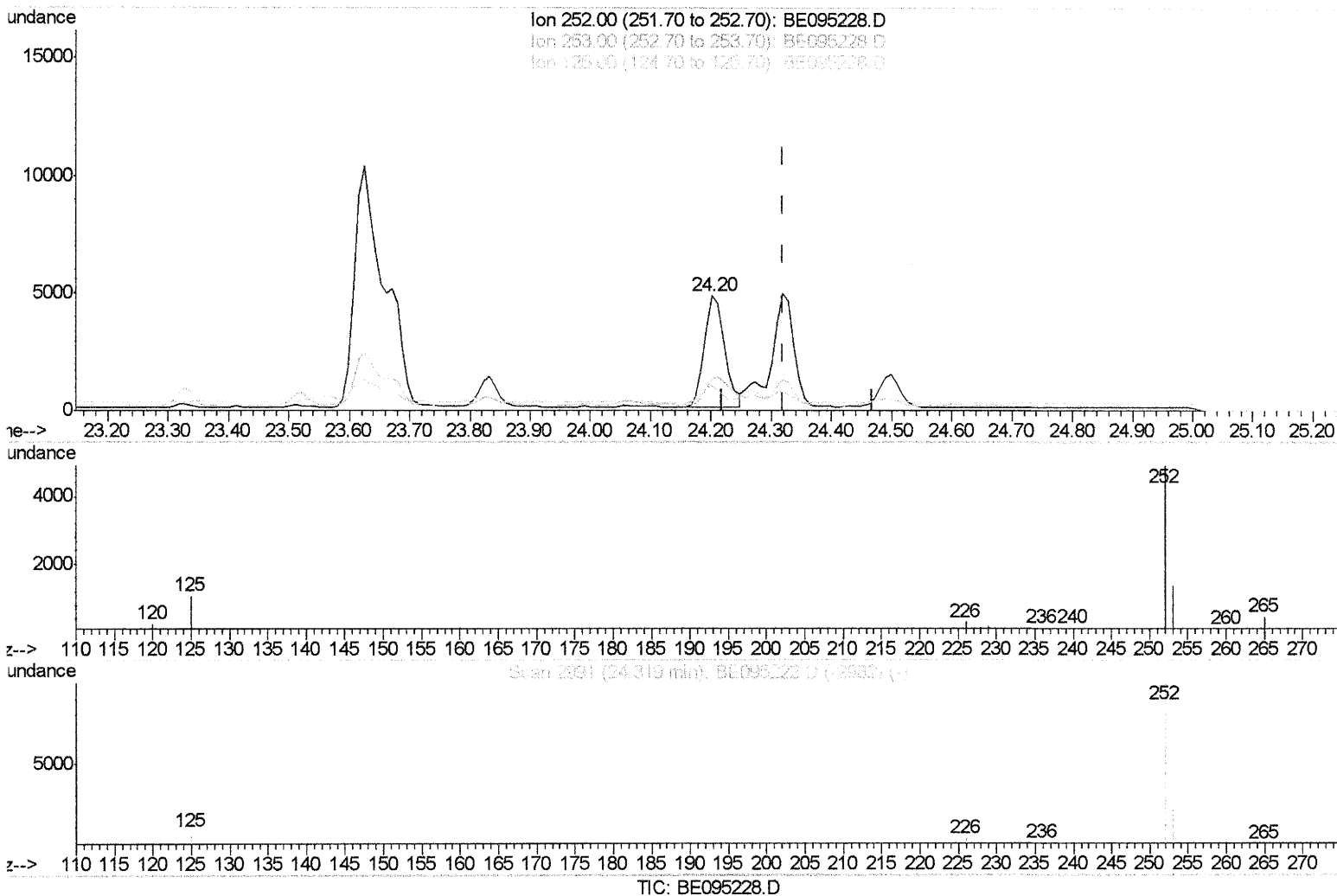
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095228.D
Acq On : 29 Jan 2018 3:51
Operator : SJ/JU
Sample : J1223-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6A73

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:33:25 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)

24.201min (-0.117) 0.31ng/ul

response 11065

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.56#
125.00	22.60	21.73
0.00	0.00	0.00

Quantitation Report (Qedit)

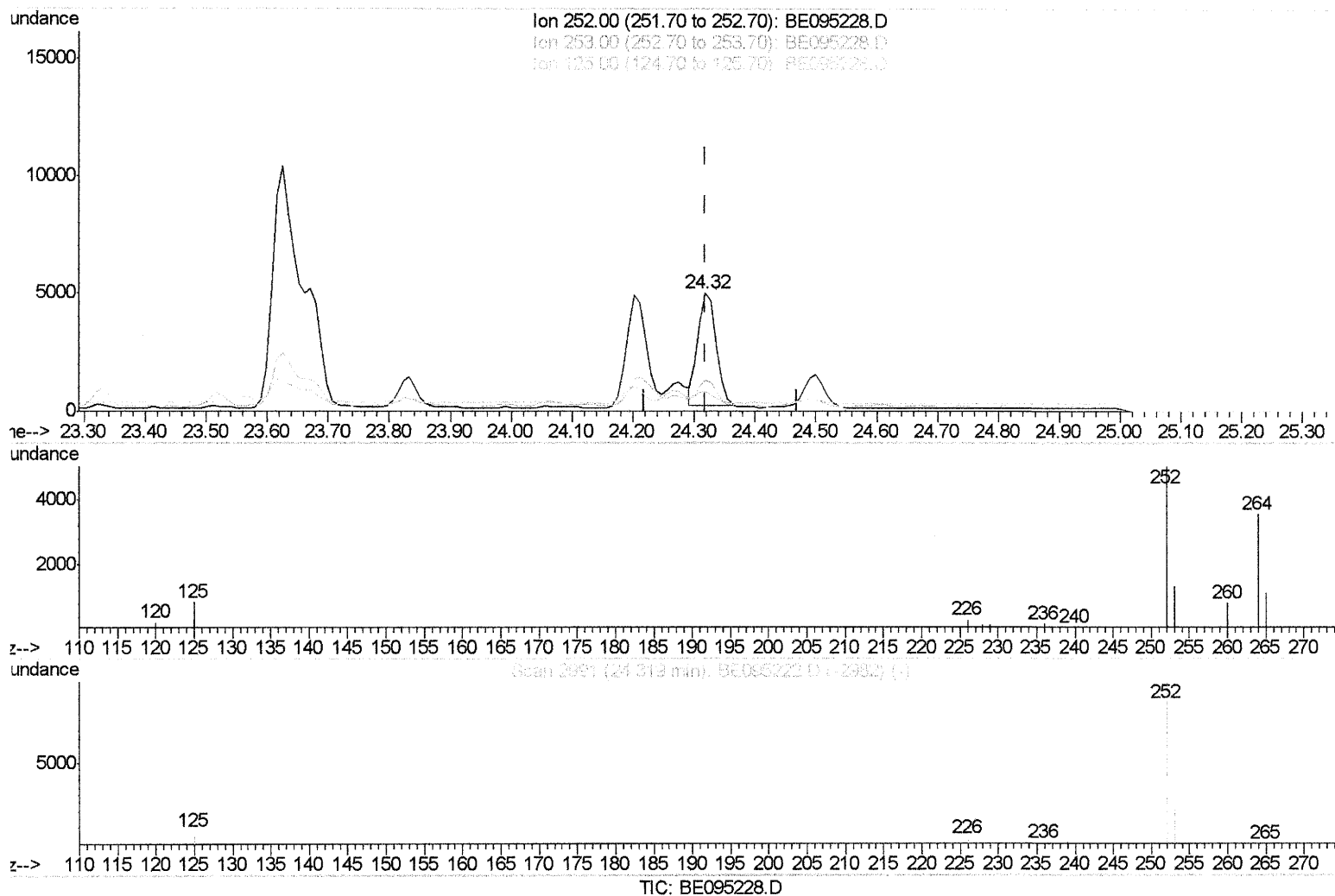
Instrument :
BNA_E
ClientSampleId :
F6A73

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095228.D
Acq On : 29 Jan 2018 3:51
Operator : SJ/JU
Sample : J1223-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 29 08:33:25 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)

24.319min (-0.000) 0.28ng/ul m

response 9868

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	26.81#
125.00	22.60	17.18#
0.00	0.00	0.00

5/1/31/18

Quantitation Report (Qedit)

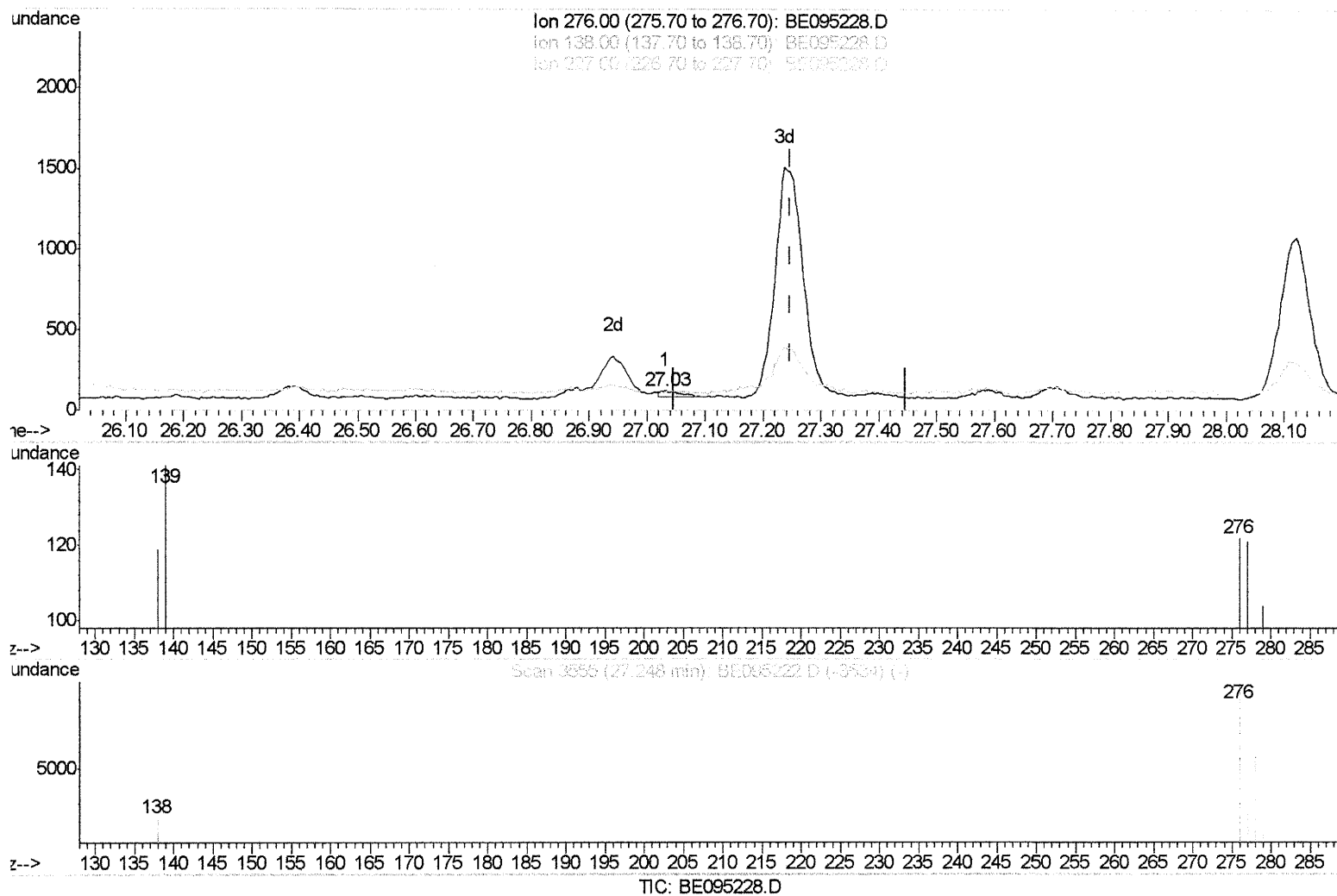
Instrument :
BNA_E
ClientSampled :
F6A73

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095228.D
Acq On : 29 Jan 2018 3:51
Operator : SJ/JU
Sample : J1223-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 29 08:33:25 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

27.032min (-0.215) 0.00ng/ul

response 93

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)

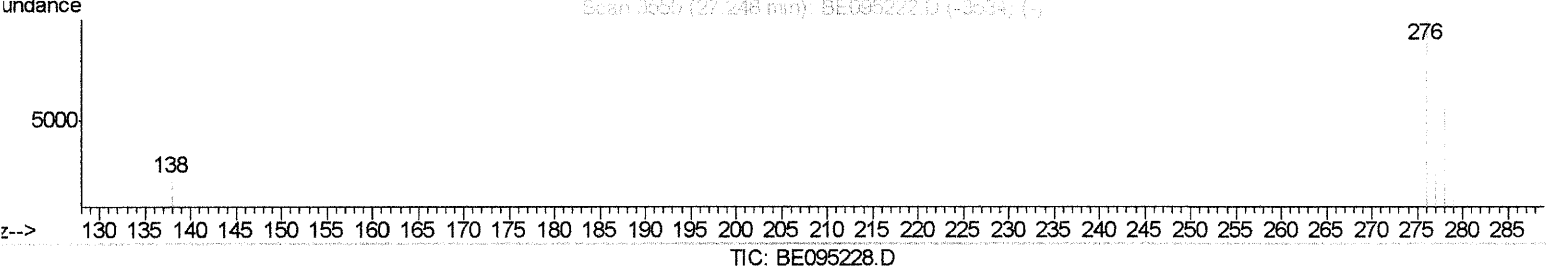
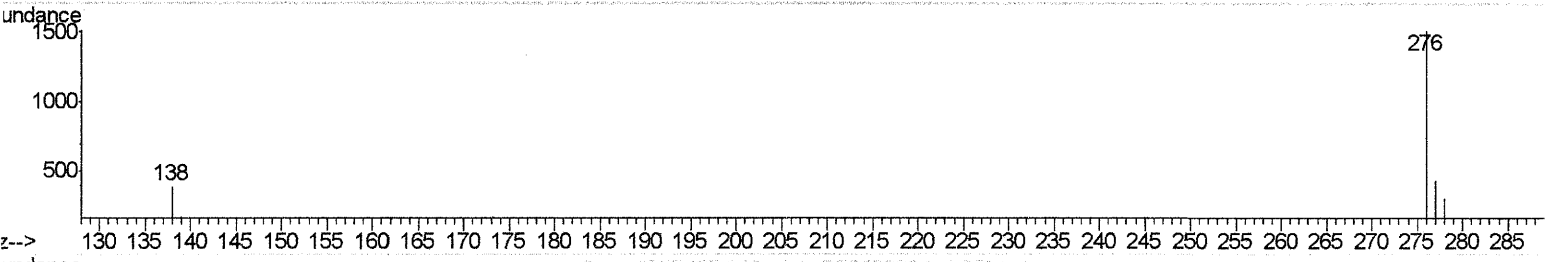
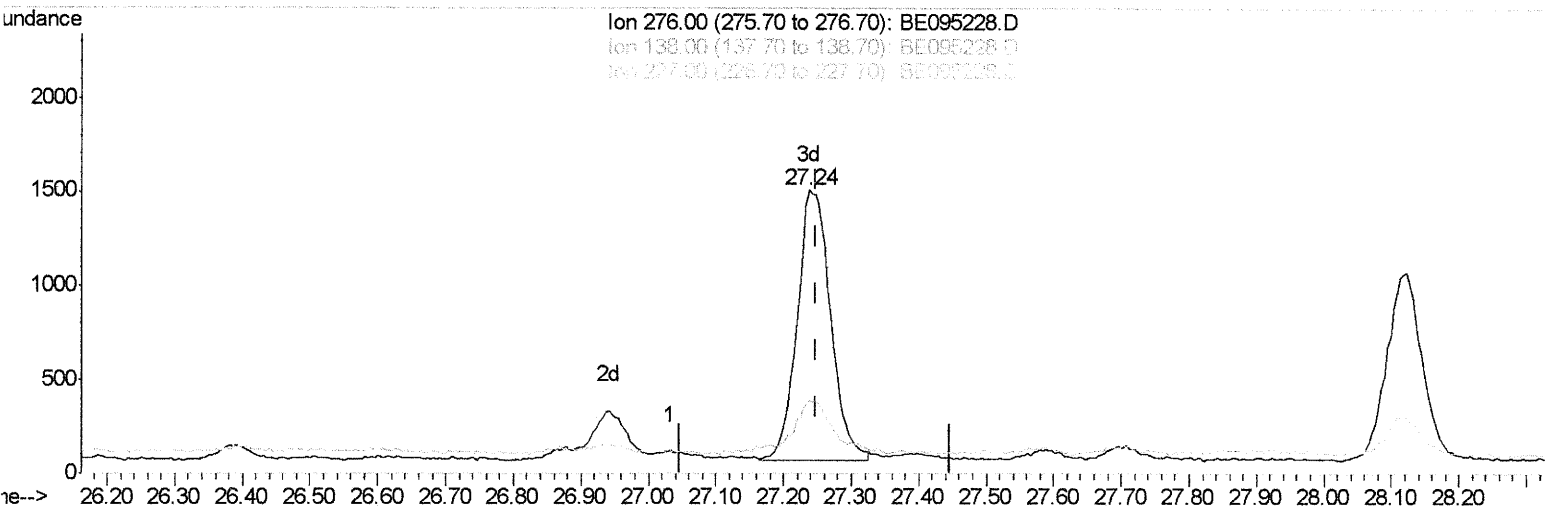
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095228.D
 Acq On : 29 Jan 2018 3:51
 Operator : SJ/JU
 Sample : J1223-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6A73

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:33:25 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

27.237min (-0.010) 0.13ng/ul m

551/31/18

response 4950

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)

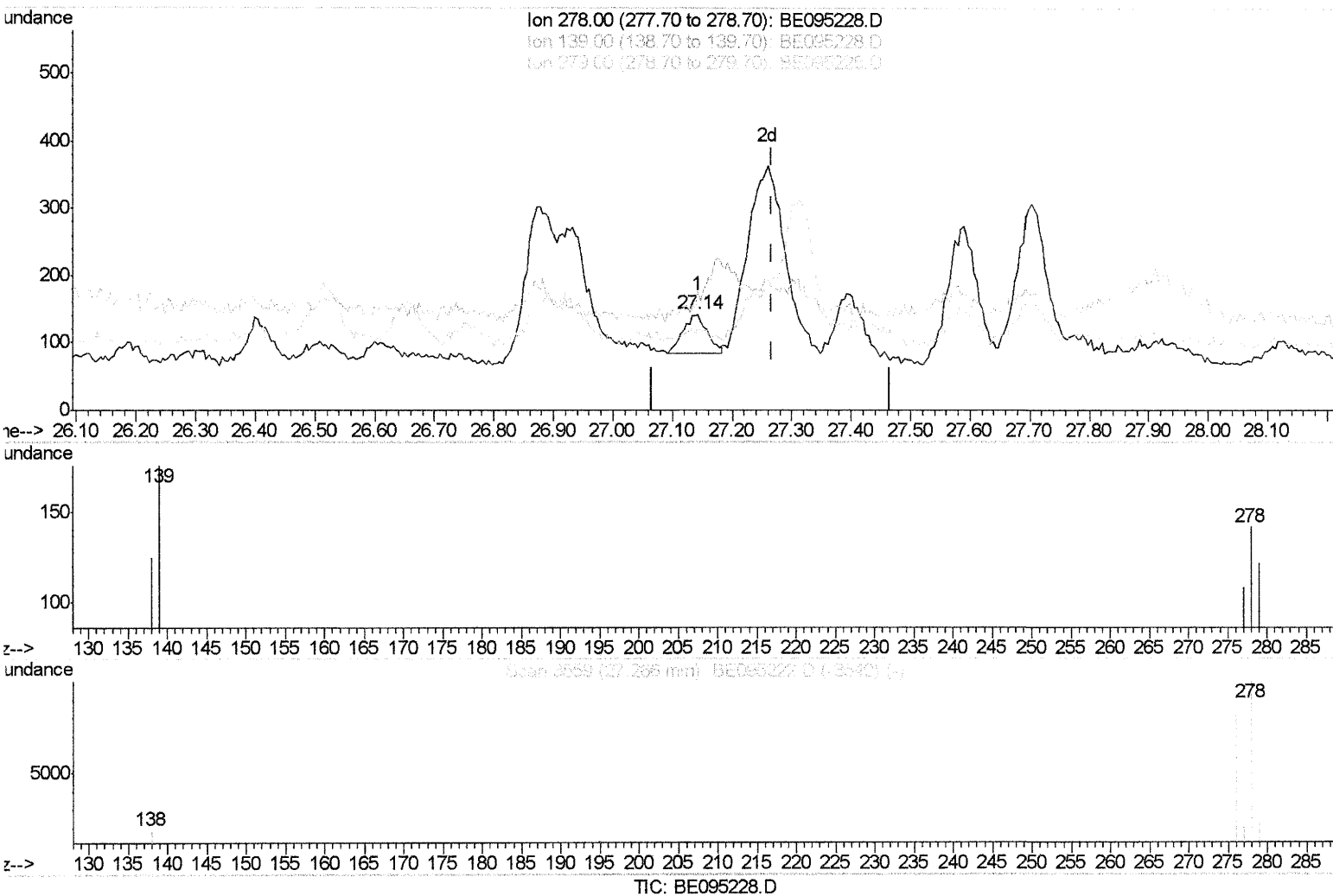
Instrument :
BNA_E
ClientSampled :
F6A73

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095228.D
Acq On : 29 Jan 2018 3:51
Operator : SJ/JU
Sample : J1223-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 29 08:33:25 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



(25) Dibenzo(a,h)anthracene

27.142min (-0.124) 0.00ng/ul

response 157

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	123.94#
279.00	32.40	85.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

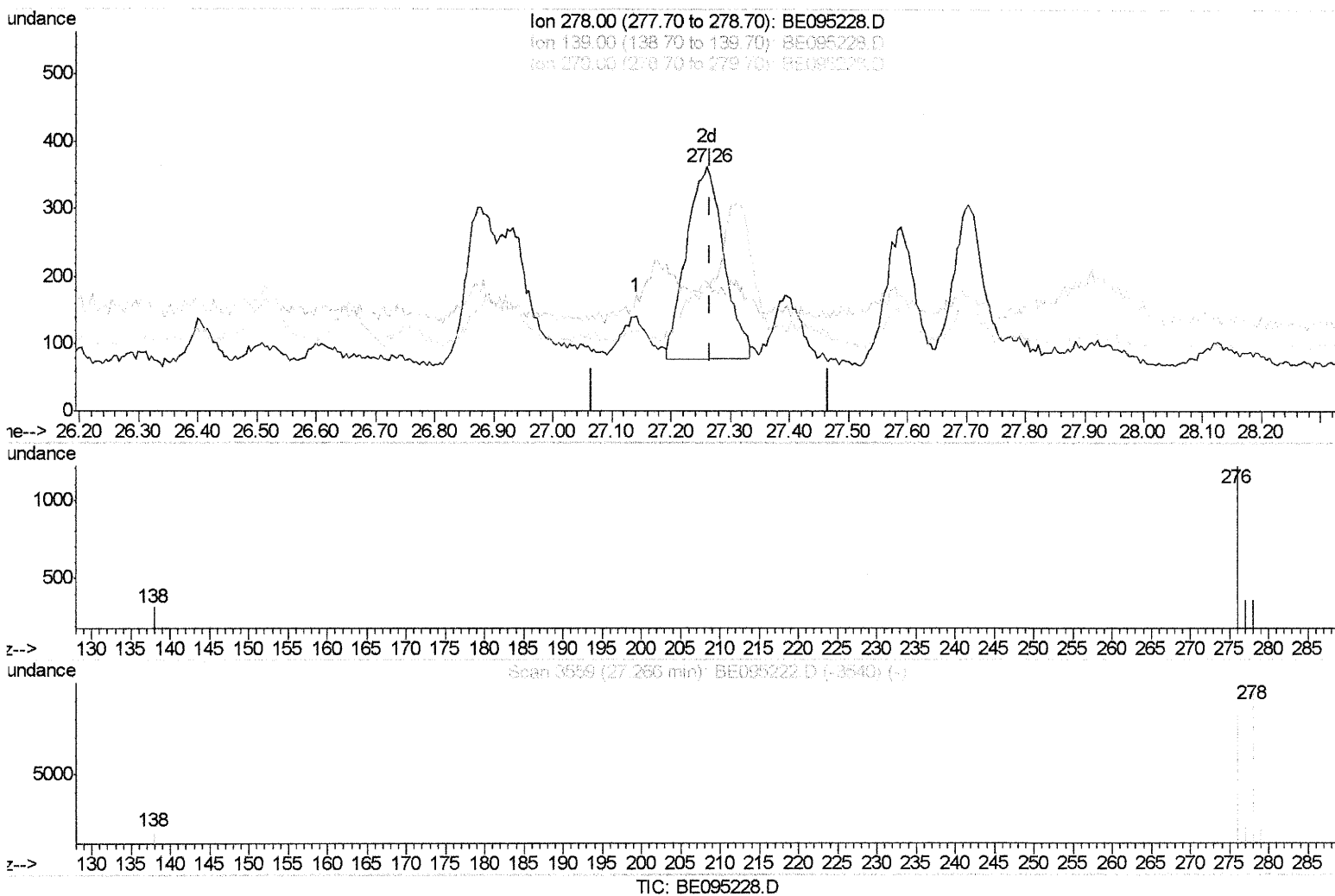
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095228.D
Acq On : 29 Jan 2018 3:51
Operator : SJ/JU
Sample : J1223-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6A73

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM

Quant Time: Jan 29 08:33:25 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



(25) Dibenzo(a,h)anthracene

27.260min (-0.006) 0.04ng/ul m

SJ1/31/18

response 1257

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	53.44#
279.00	32.40	50.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

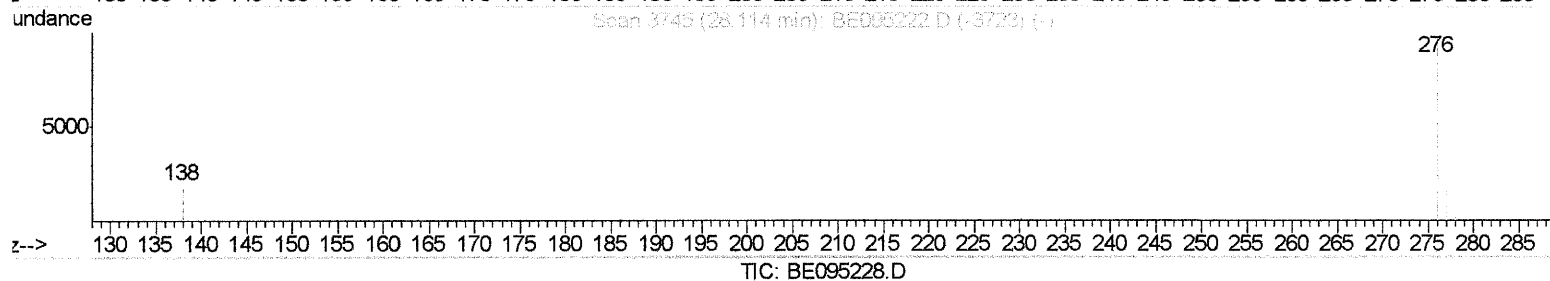
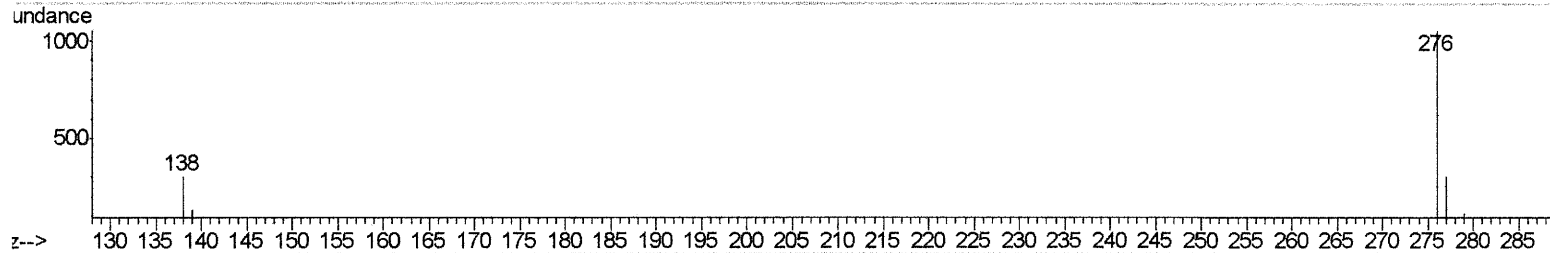
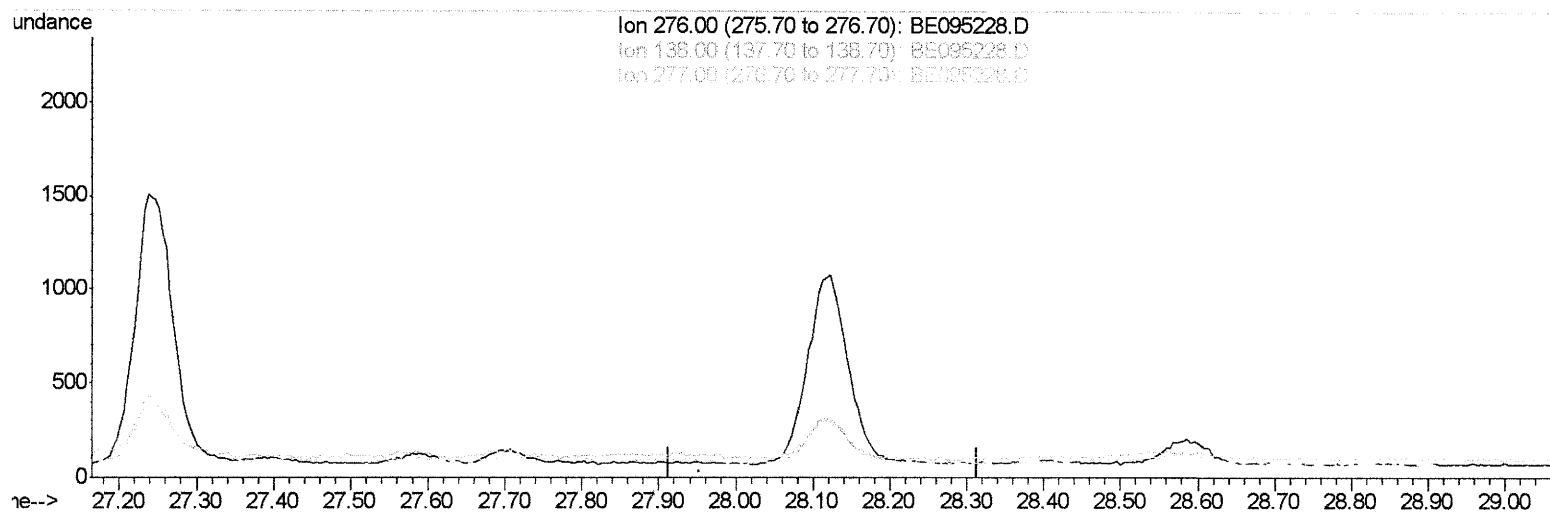
Instrument :
BNA_E
ClientSampled :
F6A73

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095228.D
Acq On : 29 Jan 2018 3:51
Operator : SJ/JU
Sample : J1223-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 29 08:33:25 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

28.114min (-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)

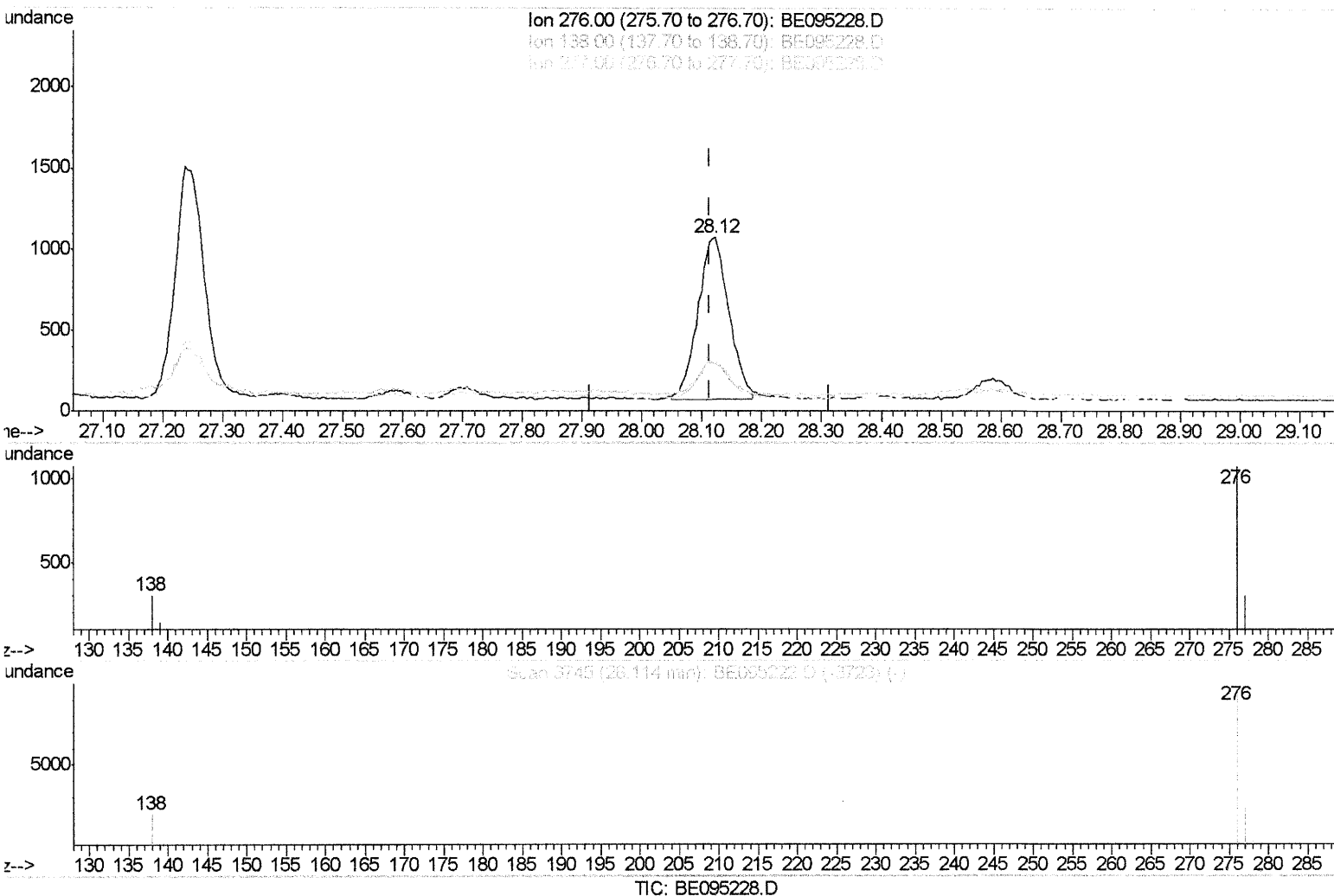
Instrument :
BNA_E
ClientSampled :
F6A73

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095228.D
Acq On : 29 Jan 2018 3:51
Operator : SJ/JU
Sample : J1223-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 29 08:33:25 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

28.121min (+0.008) 0.11ng/ul m

response 3623

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	28.19
277.00	25.60	28.00
0.00	0.00	0.00

SA 1/31/18

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
Client Sampled :
F6A73

Manual Integrations
APPROVED

Sohil
1/29/2018 6:26:08 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095228.D
Acq On : 29 Jan 2018 3:51
Operator : SJ/JU
Sample : J1223-07
Disc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 29 08:35:36 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	2678	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8281	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5276	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10976	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	12324	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11224m	0.40	ng/ul	0.00

501/31/18

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3100	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	9486	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.32	128	42943	1.852	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	6318	0.408	ng/ul	100
7) Acenaphthylene	14.75	152	1181	0.047	ng/ul#	85
8) Acenaphthene	15.08	153	4304	0.219	ng/ul	94
9) Fluorene	16.03	166	2513	0.124	ng/ul#	76
11) Pentachlorophenol	17.36	266	62097	29.210	ng/ul	95
12) Phenanthrene	17.75	178	75776	2.053	ng/ul#	86
13) Anthracene	17.85	178	10847	0.321	ng/ul#	91
15) Fluoranthene	19.73	202	188820	3.950	ng/ul	83
17) Pyrene	20.08	202	139843	3.382	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	34944	0.907	ng/ul#	85
19) Chrysene	21.84	228	35619	0.890	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	27778m	0.701	ng/ul	} 501/31/18
22) Benzo(k)fluoranthene	23.67	252	7087m	0.196	ng/ul	
23) Benzo(a)pyrene	24.32	252	9868m	0.279	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	4950m	0.128	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	1257m	0.040	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	3623m	0.110	ng/ul	

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