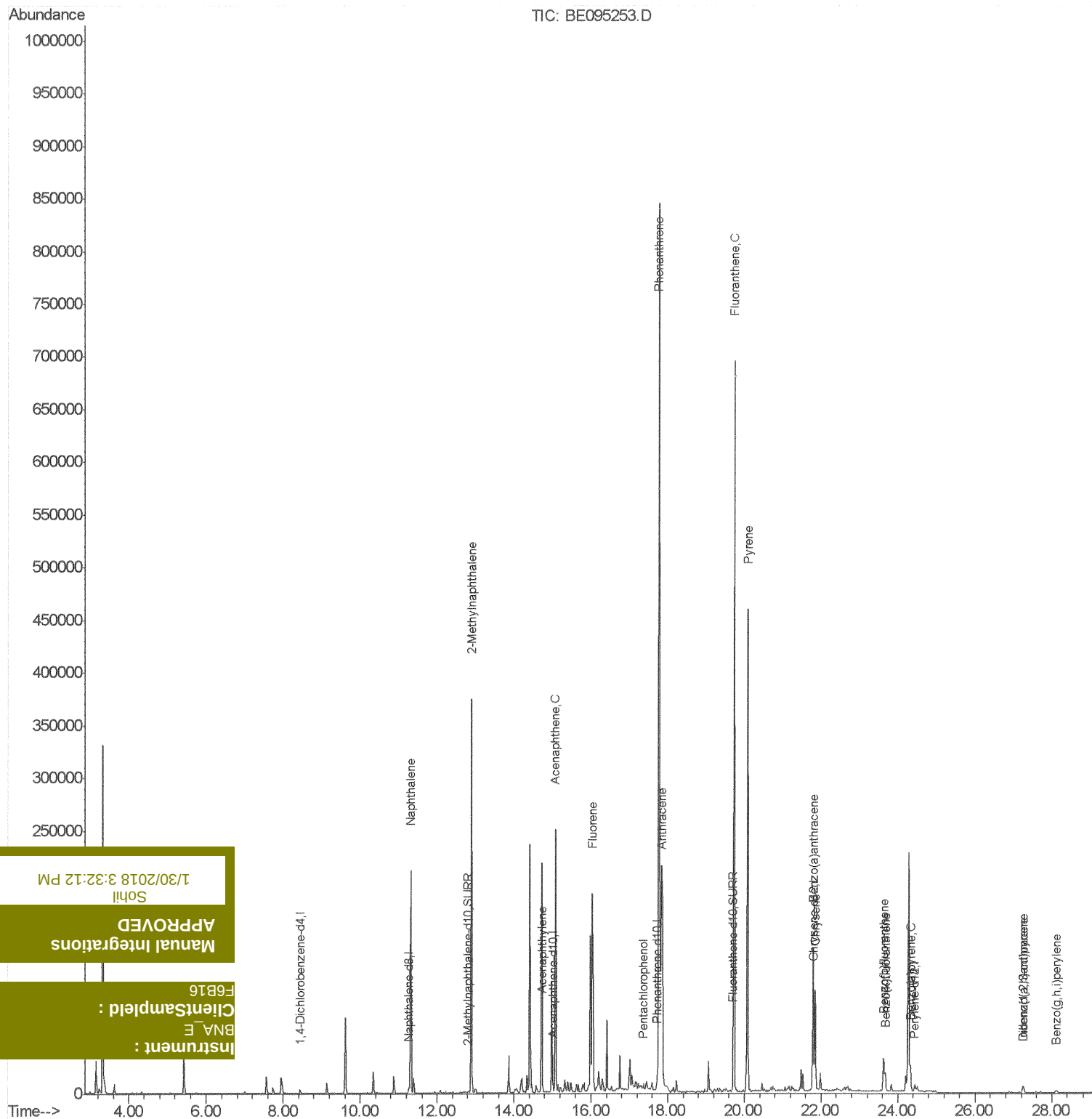


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095253.D
 Acq On : 29 Jan 2018 18:55
 Operator : SJ/JU
 Sample : J1233-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

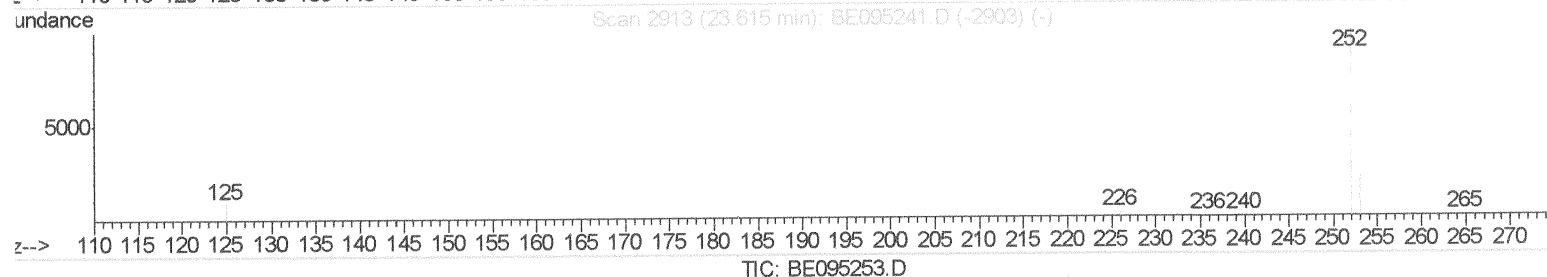
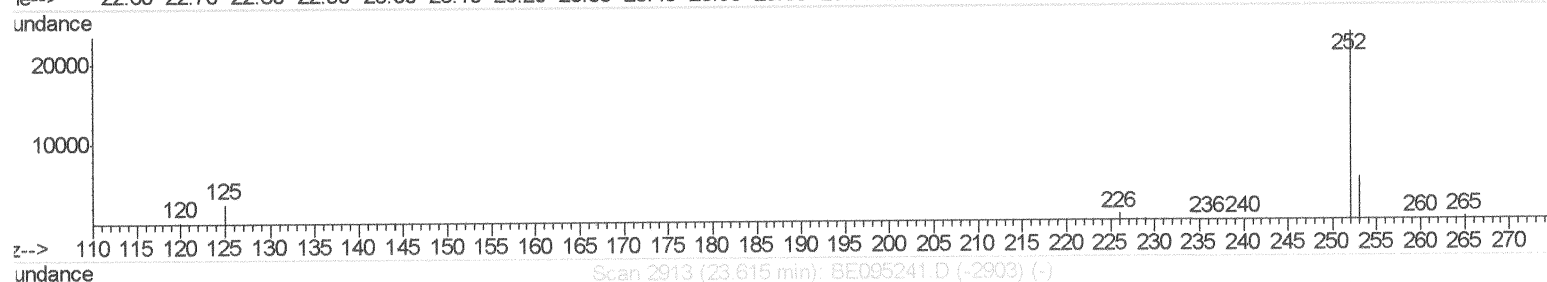
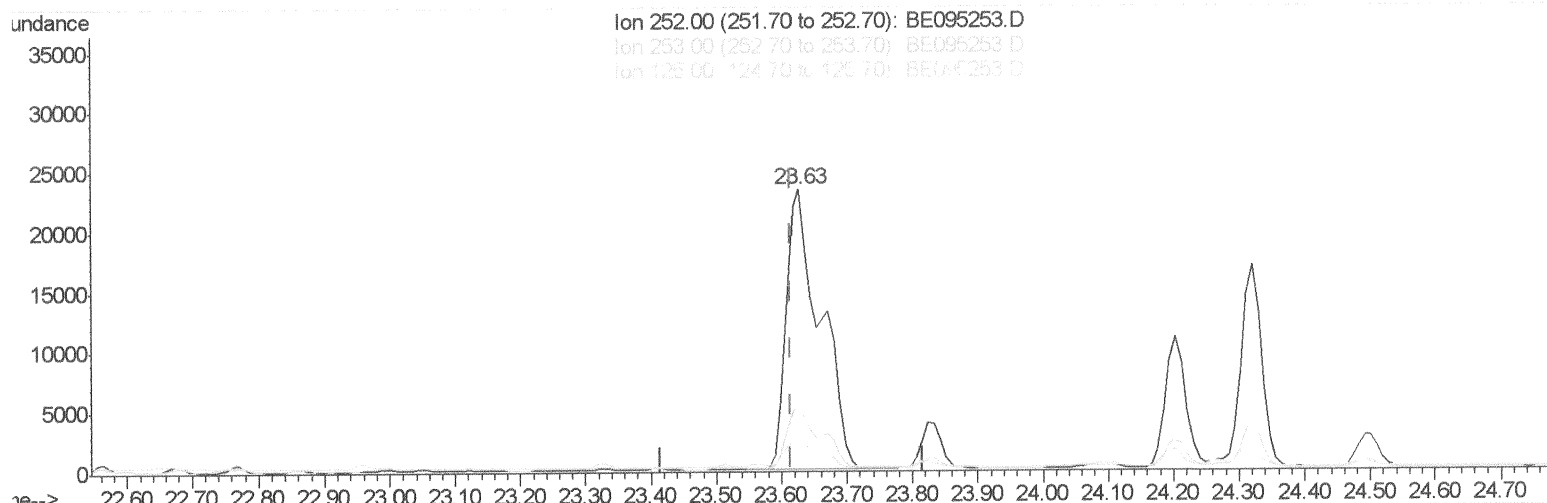
Quant Time: Jan 30 06:04:53 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095253.D
 Acq On : 29 Jan 2018 18:55
 Operator : SJ/JU
 Sample : J1233-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 30 04:45:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.626min (+0.010) 2.20ng/ul

1/30/2018 3:32:12 PM

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Manual Integrations
 APPROVED

253.00 32.10 23.13

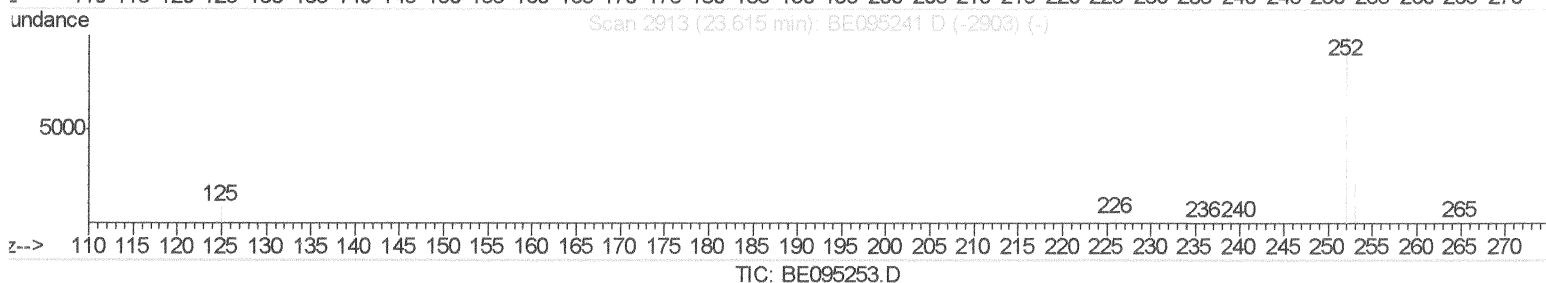
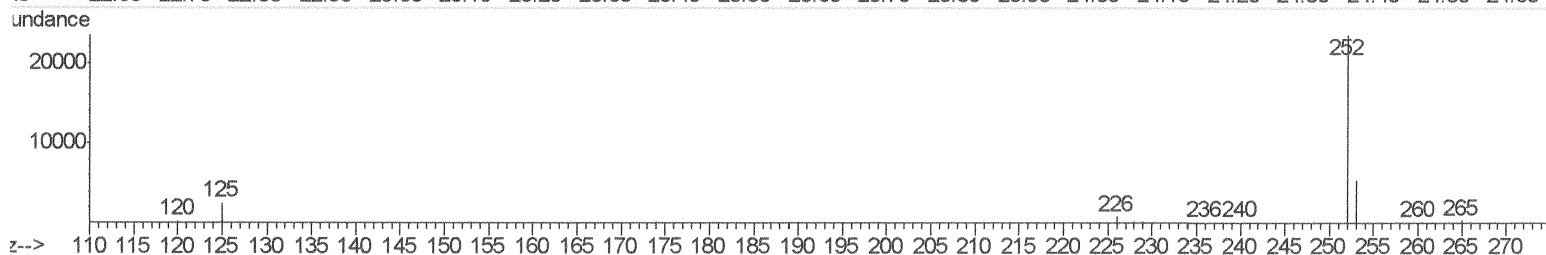
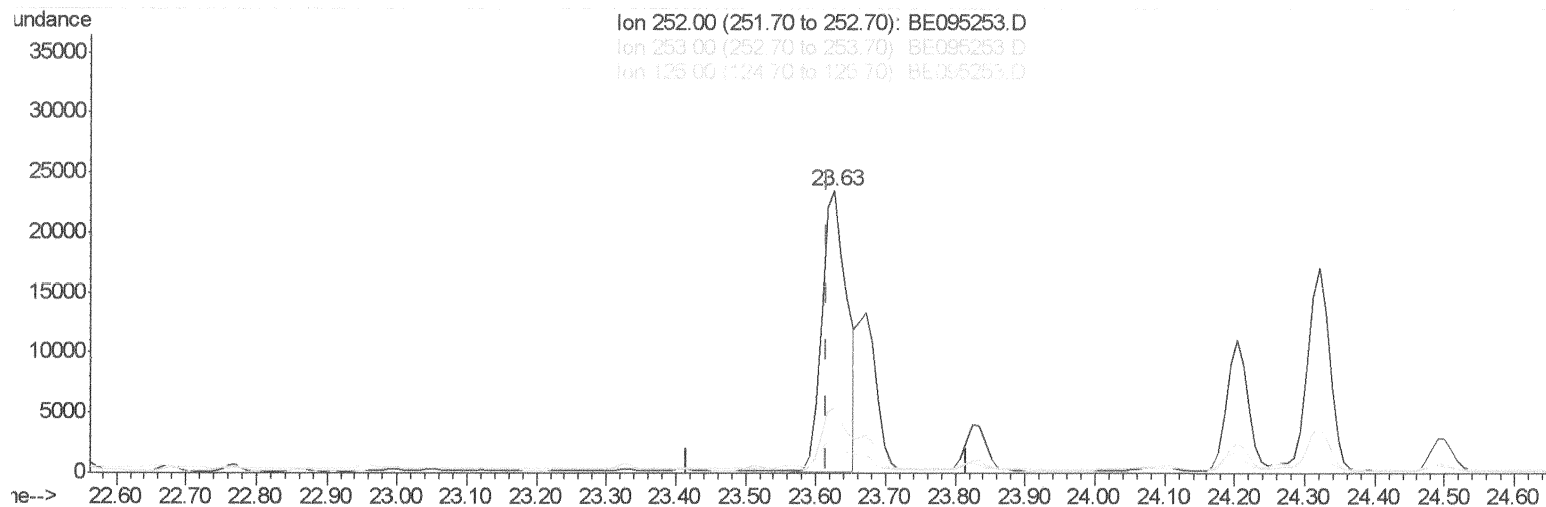
Client Sample: F6816

Instrument: BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095253.D
 Acq On : 29 Jan 2018 18:55
 Operator : SJ/JU
 Sample : J1233-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 30 04:45:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.626min (+0.010) 1.55ng/ul m

23.626min

1/30/2018 3:32:12 PM

Sohil

APPROVED

Manual Integrations

23.62 01.25 23.13

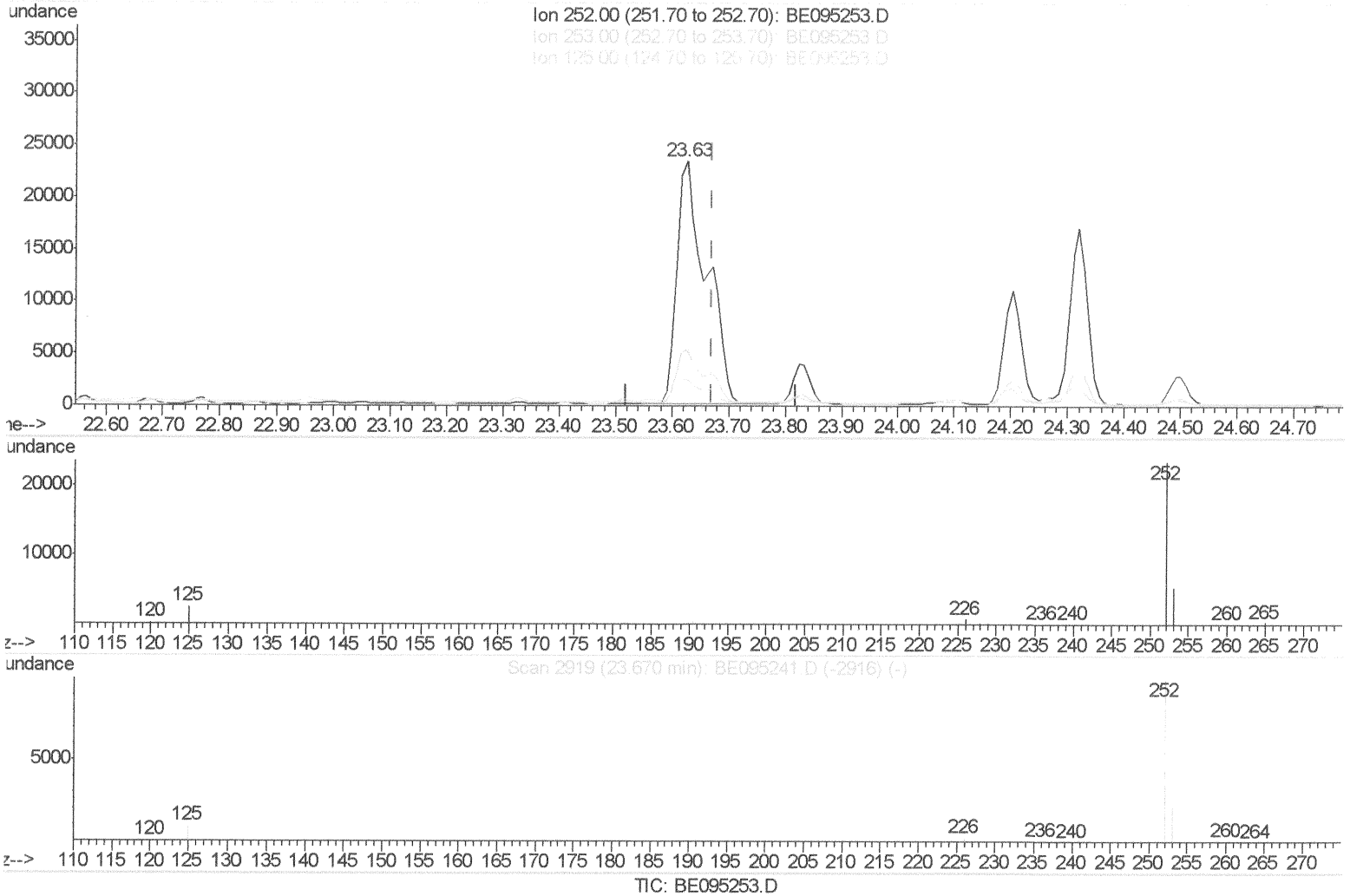
Client Sampled : 58

Instrument : BNA_E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095253.D
 Acq On : 29 Jan 2018 18:55
 Operator : SJ/JU
 Sample : J1233-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 30 04:45:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 23.626min (-0.044) 2.40ng/ul

1/30/2018 3:32:12 PM

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Manual Integrations

#13#

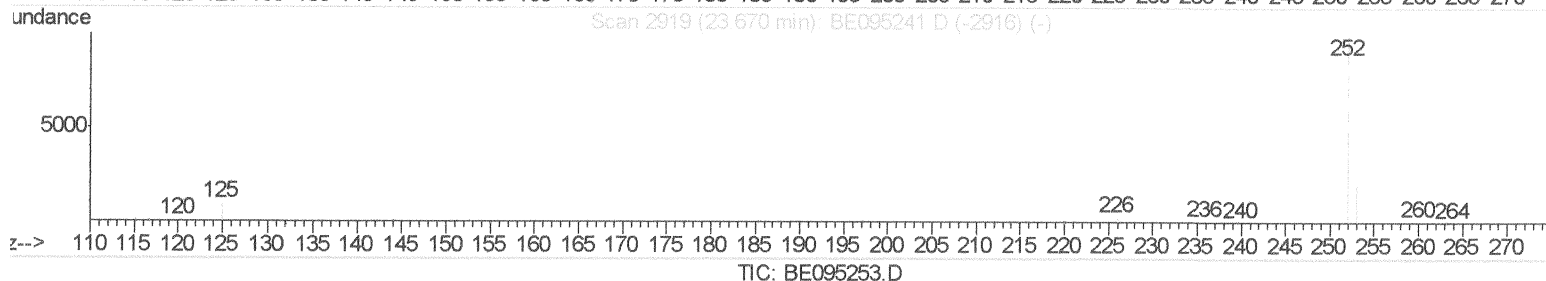
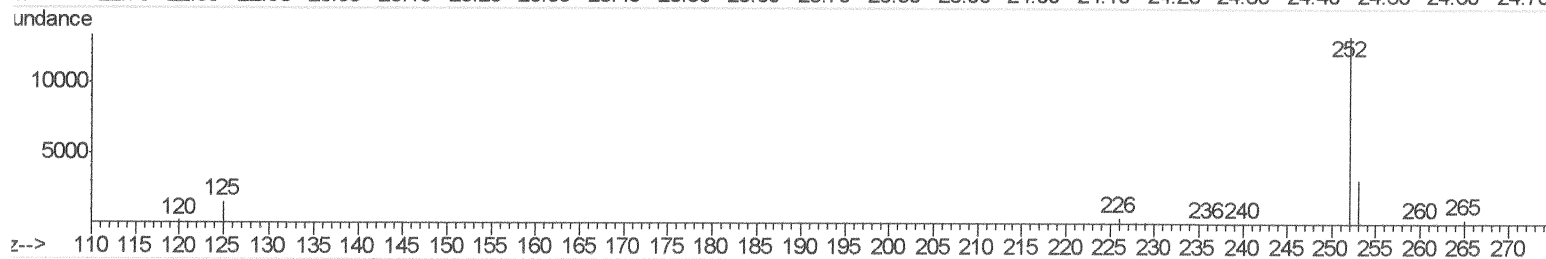
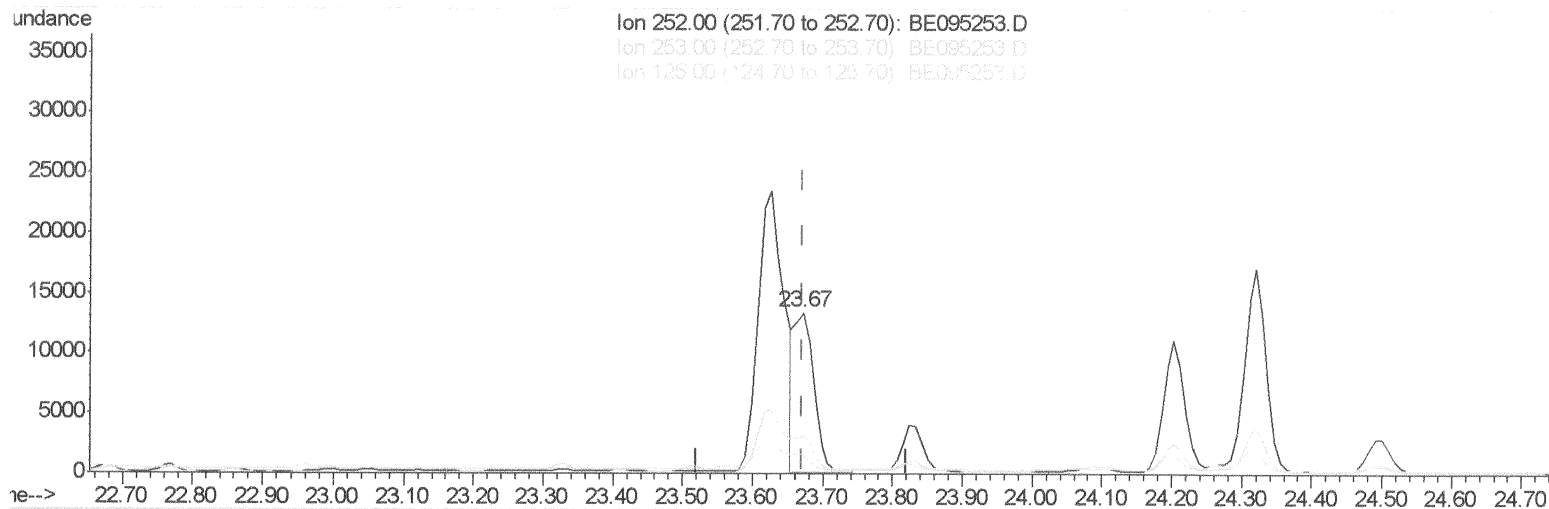
#5# Client Sampled :

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095253.D
 Acq On : 29 Jan 2018 18:55
 Operator : SJ/JU
 Sample : J1233-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 30 04:45:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.671min (+0.001) 0.71ng/ul m

23.671min

1/30/2018 3:32:12 PM

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Manual Integrations

23.671#

#8 Client Sample

Instrument : BNA_E

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095253.D
 Acq On : 29 Jan 2018 18:55
 Operator : SJ/JU
 Sample : J1233-12
 Disc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 30 06:04:53 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2501	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7851	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4614	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	9935	0.40	ng/ul	0.02
16) Chrysene-d12	21.81	240	10468	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10917	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	2007	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	5084	0.13	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.31	128	298042	13.557	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	301499	20.538	ng/ul	100
7) Acenaphthylene	14.74	152	6623	0.298	ng/ul#	58
8) Acenaphthene	15.08	153	146318	8.496	ng/ul	96
9) Fluorene	16.02	166	189556	10.673	ng/ul#	72
11) Pentachlorophenol	17.36	266	1770	0.920	ng/ul	95
12) Phenanthrene	17.75	178	1078950	32.291	ng/ul#	84
13) Anthracene	17.85	178	199312	6.517	ng/ul#	91
15) Fluoranthene	19.73	202	780483	18.040	ng/ul	82
17) Pyrene	20.08	202	513735	14.625	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	146443	4.475	ng/ul#	86
19) Chrysene	21.84	228	93638	2.755	ng/ul	96
21) Benzo(b)fluoranthene	23.63	252	59751m	1.551	ng/ul	} 2/20/18
22) Benzo(k)fluoranthene	23.67	252	24884m	0.706	ng/ul	
23) Benzo(a)pyrene	24.32	252	36897	1.073	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.24	276	11496	0.305	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.25	278	3595	0.117	ng/ul#	93
26) Benzo(a,h,i)perylene	28.12	276	6655	0.208	ng/ul	94

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

1/30/2018 3:32:12 PM

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APPROVED
Manual Integrations

Instrument : BNA_E
 Client Sampled : F6B16