

Quantitation Report (QT Reviewed)

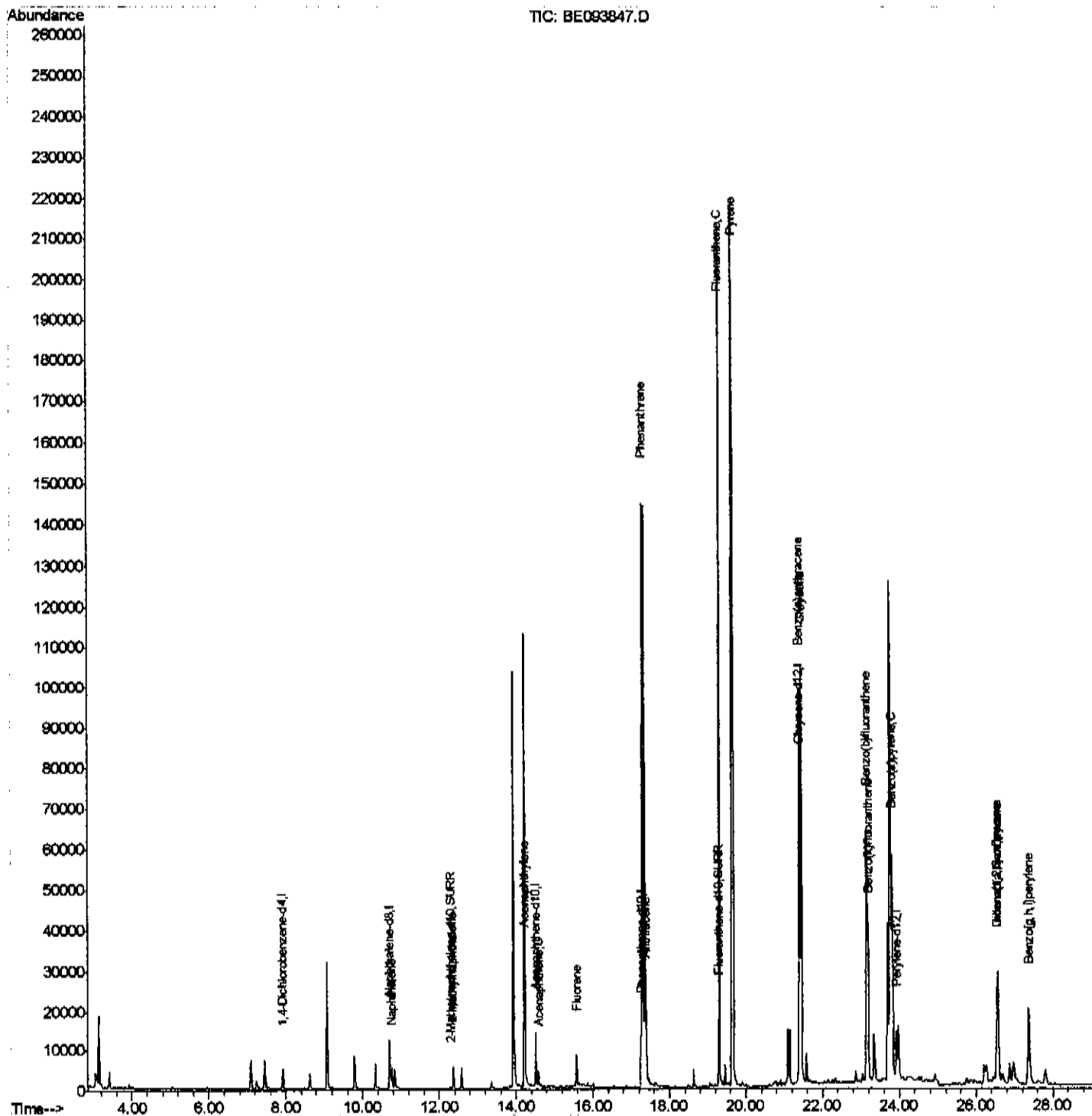
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093847.D
 Acq On : 16 Aug 2017 19:24
 Operator : SJ/JU
 Sample : I4672-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AG7DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:38 PM

Quant Time: Aug 17 04:11:45 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

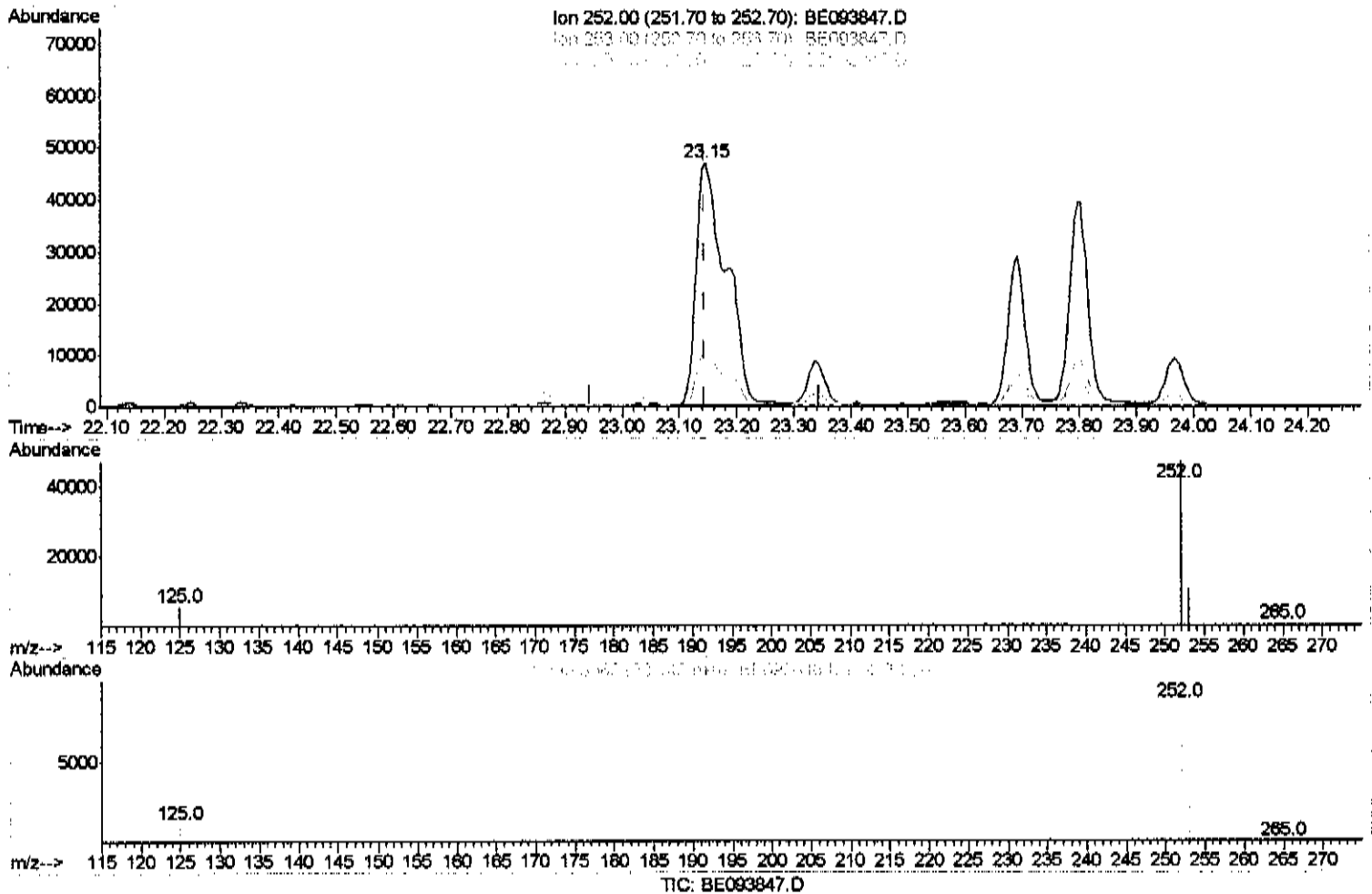
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093847.D
 Acq On : 16 Aug 2017 19:24
 Operator : SJ/JU
 Sample : I4672-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG7DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:38 PM

Quant Time: Aug 17 04:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 23.145min (+0.000) 2.92ng/ul
 response 168537

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.02
125.00	17.50	12.08
0.00	0.00	0.00

Quantitation Report (Qedit)

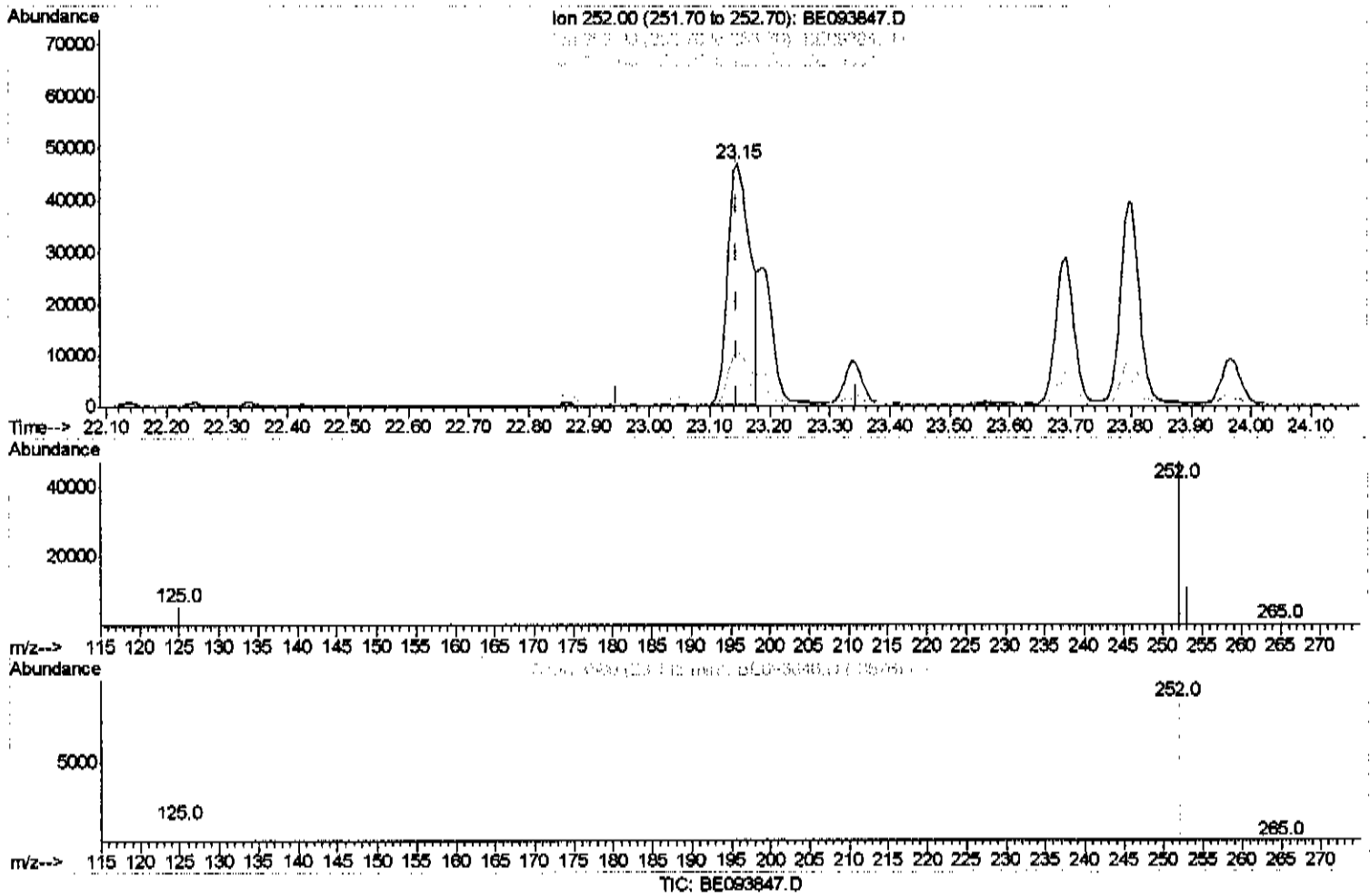
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093847.D
 Acq On : 16 Aug 2017 19:24
 Operator : SJ/JU
 Sample : I4672-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AG7DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:38 PM

Quant Time: Aug 17 04:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.145min (+0.000) 2.12ng/ul m *[Signature]*

response 122233

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.02
125.00	17.50	12.08
0.00	0.00	0.00

Quantitation Report (Qedit)

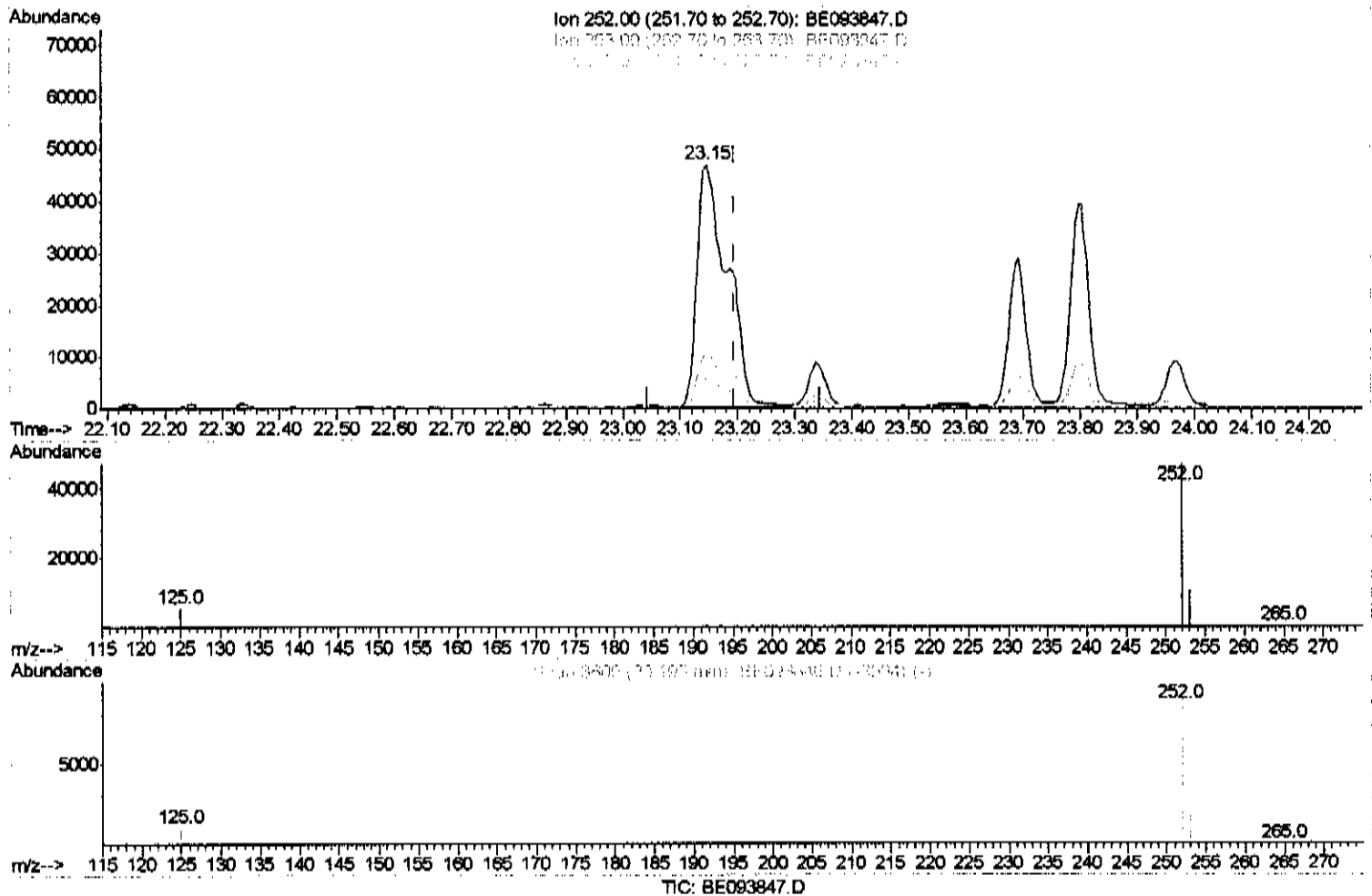
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093847.D
 Acq On : 16 Aug 2017 19:24
 Operator : SJ/JU
 Sample : I4672-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG7DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:38 PM

Quant Time: Aug 17 04:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 23.145min (-0.050) 2.96ng/ul
 response 168537

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.02#
125.00	17.10	12.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

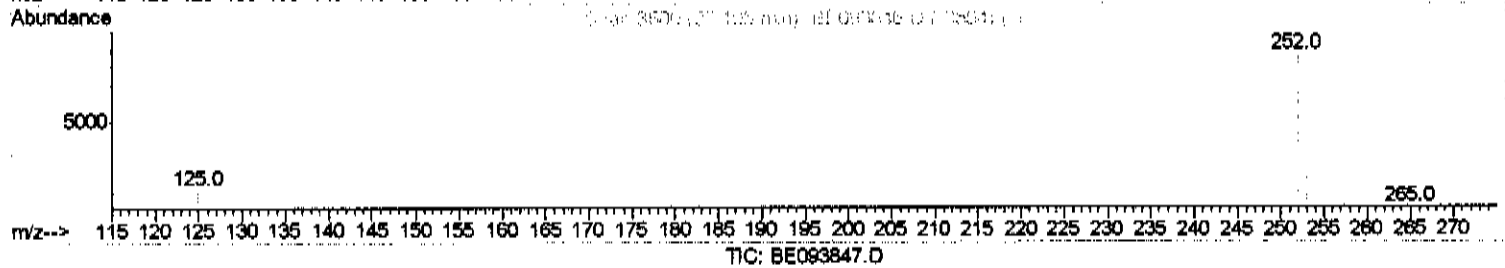
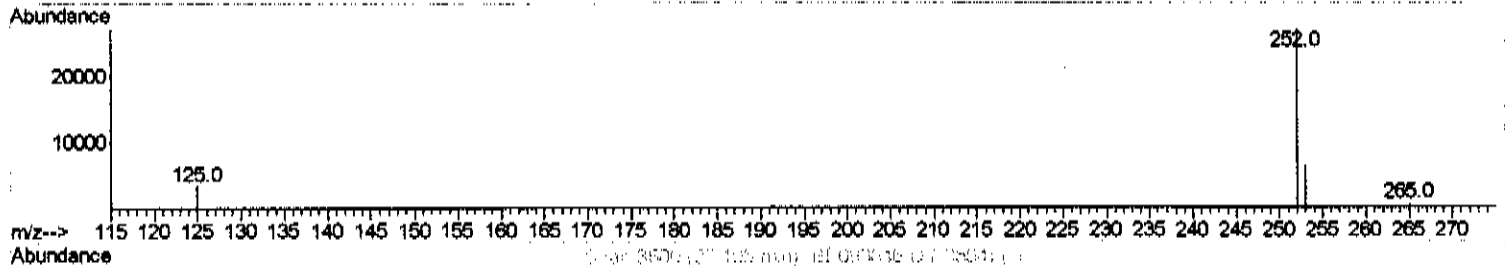
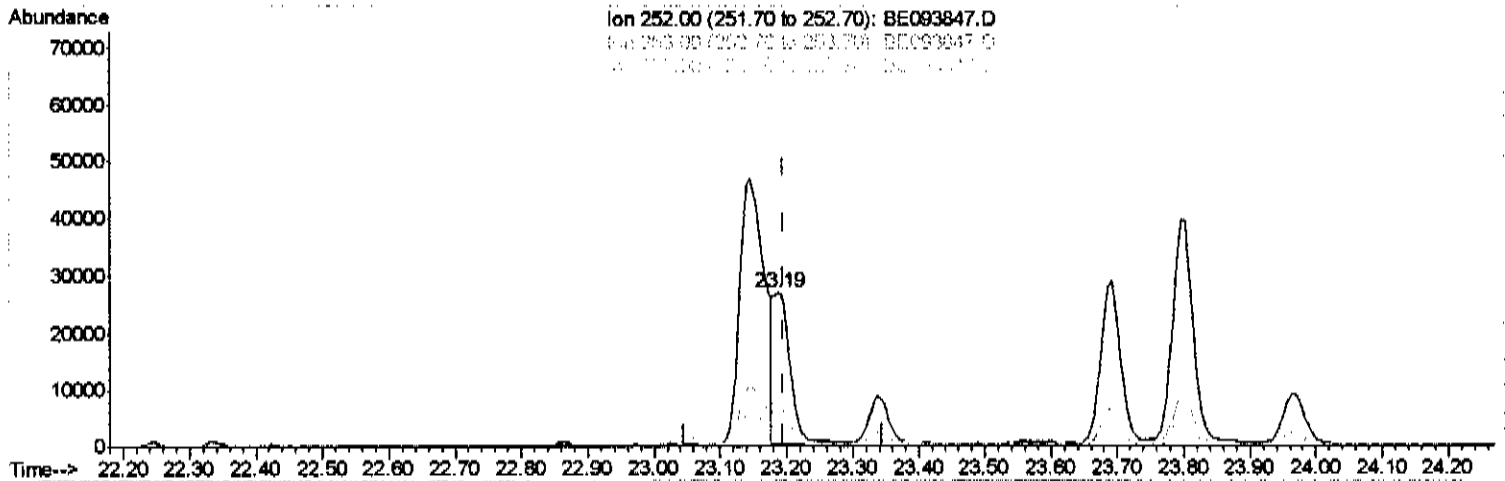
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093847.D
 Acq On : 16 Aug 2017 19:24
 Operator : SJ/JU
 Sample : I4672-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AG7DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:38 PM

Quant Time: Aug 17 04:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.186min (-0.009) 0.79ng/ul m

response 45001

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.91#
125.00	17.10	12.44#
0.00	0.00	0.00

[Handwritten signature]

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampled :
C0AG7DL

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:38 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093847.D
Acq On : 16 Aug 2017 19:24
Operator : SJ/JU
Sample : I4672-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 17 04:11:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2627	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14007	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8164	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18226	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19382	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18640	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	1000	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2543	0.04	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	7803	0.229	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	5303	0.213	ng/ul	98
7) Acenaphthylene	14.24	152	9241	0.271	ng/ul	98
8) Acenaphthene	14.58	153	2659	0.099	ng/ul	98
9) Fluorene	15.57	166	5177	0.152	ng/ul	93
12) Phenanthrene	17.29	178	161676	3.257	ng/ul#	90
13) Anthracene	17.38	178	19868	0.411	ng/ul#	91
15) Fluoranthene	19.30	202	244836	3.944	ng/ul	84
17) Pyrene	19.66	202	217683	3.848	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	88741	1.579	ng/ul#	86
19) Chrysene	21.45	228	107425	1.993	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	122233m	2.120	ng/ul	} ID# 8/17/17
22) Benzo(k)fluoranthene	23.19	252	45001m	0.791	ng/ul	
23) Benzo(a)pyrene	23.80	252	85119	1.552	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.55	276	54404	0.898	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.56	278	13187	0.261	ng/ul	96
26) Benzo(a,h,i)perylene	27.37	276	47898	0.939	ng/ul	97

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