

Quantitation Report (Qedit)

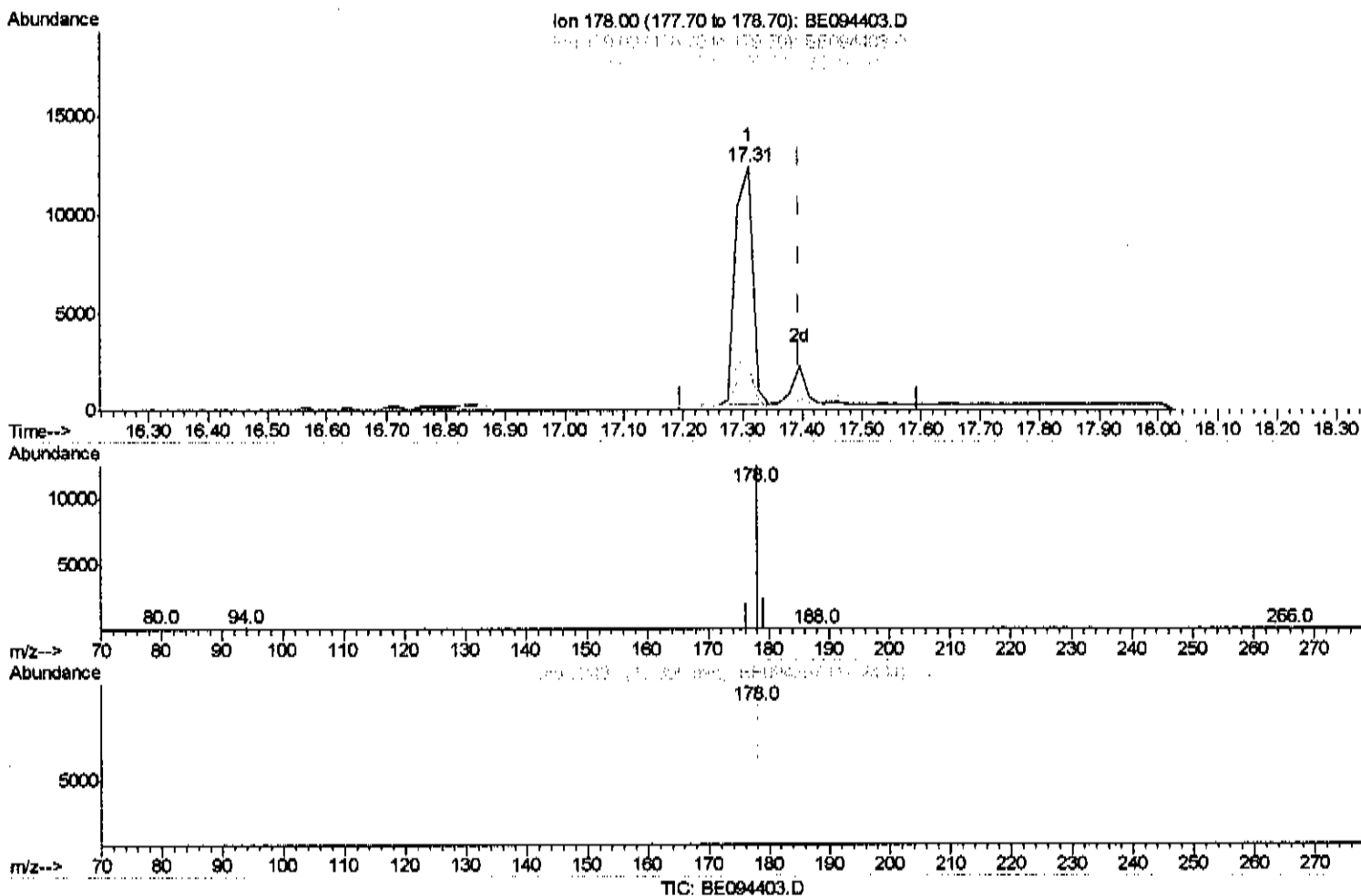
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094403.D
 Acq On : 15 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I5548-13DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:39 PM

Quant Time: Oct 16 07:54:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration



(13) Anthracene

17.309min (-0.086) 0.78ng/ul

response 24518

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	19.08
176.00	18.40	16.75
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AC9DL

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:39 PM

TIC: BE094403.D

Abundance

Time →

1,4-Dichlorobenzene-d4

Naphthalene-d8

2-Methylnaphthalene-d10

Fluorene

Pyrene

Benzo(a)anthracene

Fluoranthene, C

Chrysene

Benzo(b)fluoranthene

Benzo(a)pyrene

Benzo(g,h,i)perylene

Quantitation Report (Qedit)

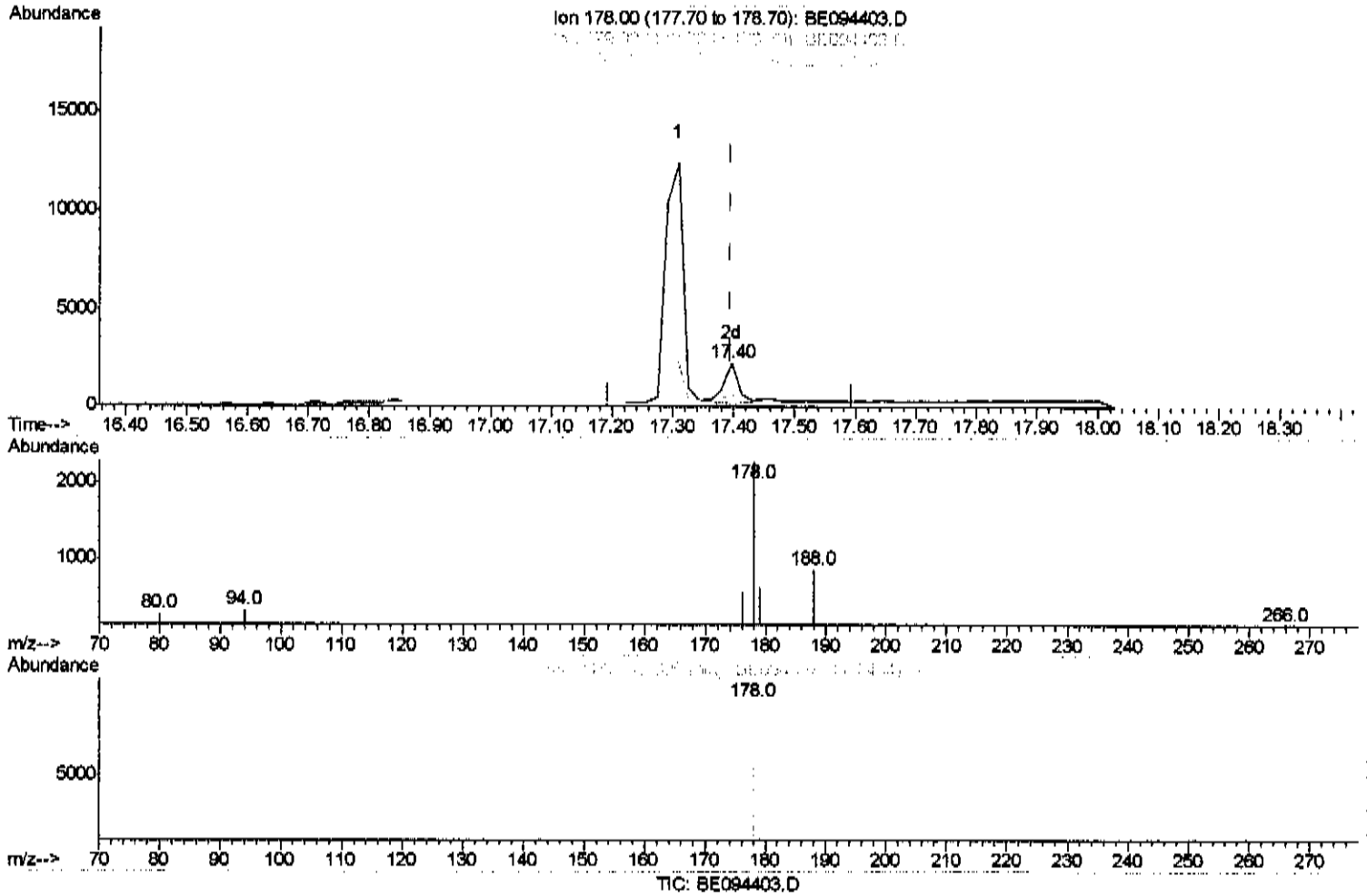
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094403.D
 Acq On : 15 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I5548-13DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:39 PM

Quant Time: Oct 16 07:54:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration



(13) Anthracene

17.395min (+0.001) 0.11ng/ul m JU 10/16/17

response 3506

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	26.58
176.00	18.40	23.48%
0.00	0.00	0.00

Quantitation Report (Qedit)

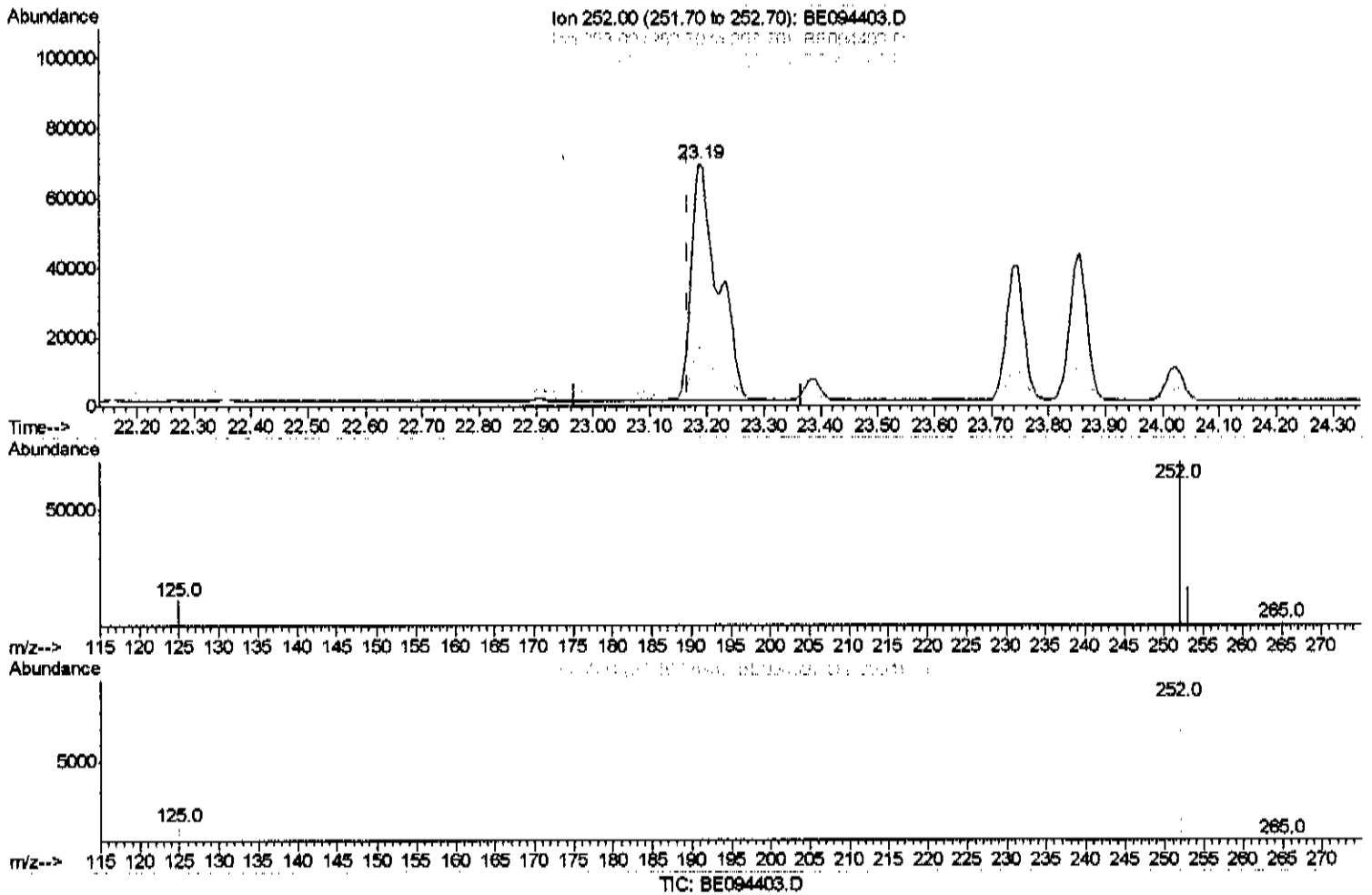
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094403.D
 Acq On : 15 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I5548-13DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:39 PM

Quant Time: Oct 16 07:54:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 23.186min (+0.019) 6.95ng/ui
 response 220322

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.74
125.00	17.50	16.88
0.00	0.00	0.00

Quantitation Report (Qedit)

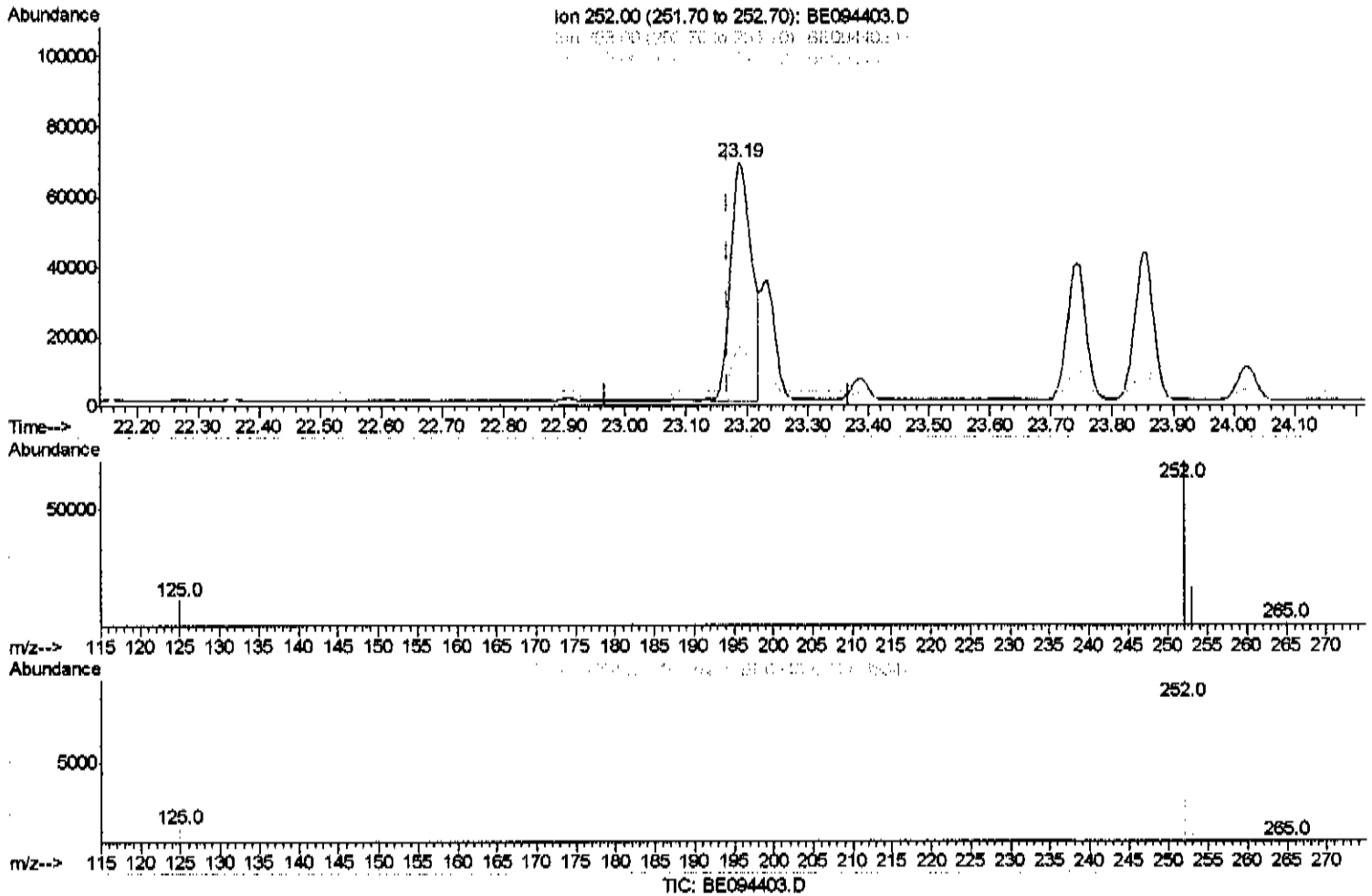
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094403.D
 Acq On : 15 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I5548-13DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC9DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:39 PM

Quant Time: Oct 16 07:54:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.186min (+0.019) 5.23ng/ul m JU 10/16/17
 response 165649

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.74
125.00	17.50	16.88
0.00	0.00	0.00

Quantitation Report (Qedit)

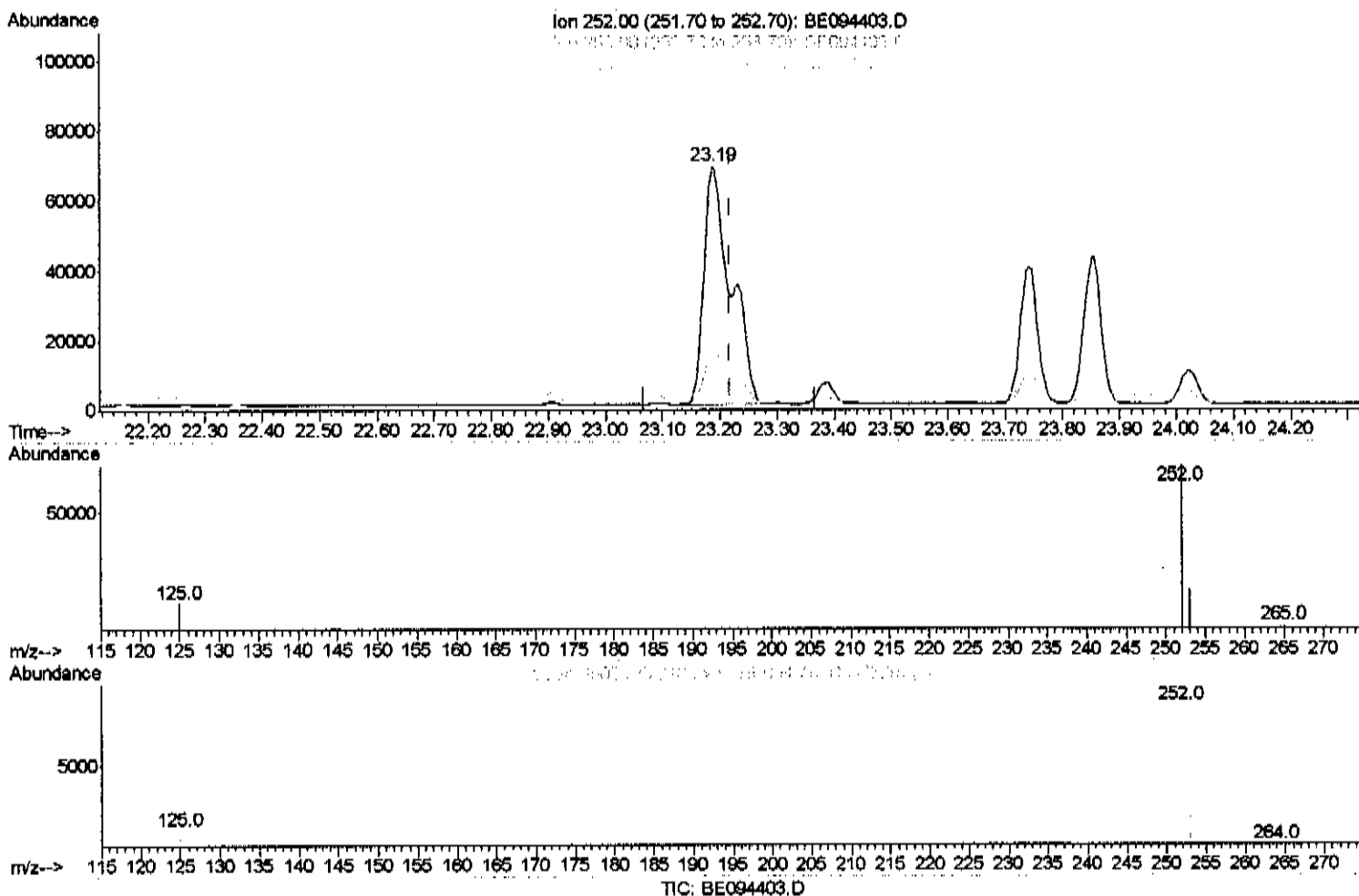
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094403.D
 Acq On : 15 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I5548-13DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC9DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:39 PM

Quant Time: Oct 16 07:54:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.186min (-0.031) 6.02ng/ul

response 220633

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.74
125.00	17.10	16.88
0.00	0.00	0.00

Quantitation Report (Qedit)

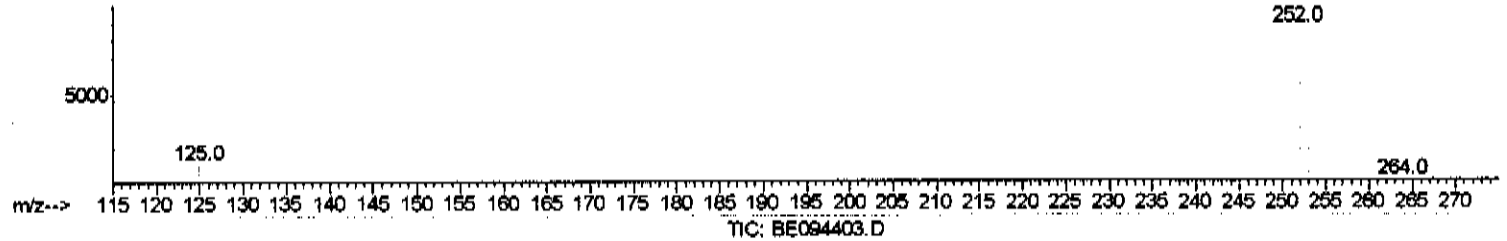
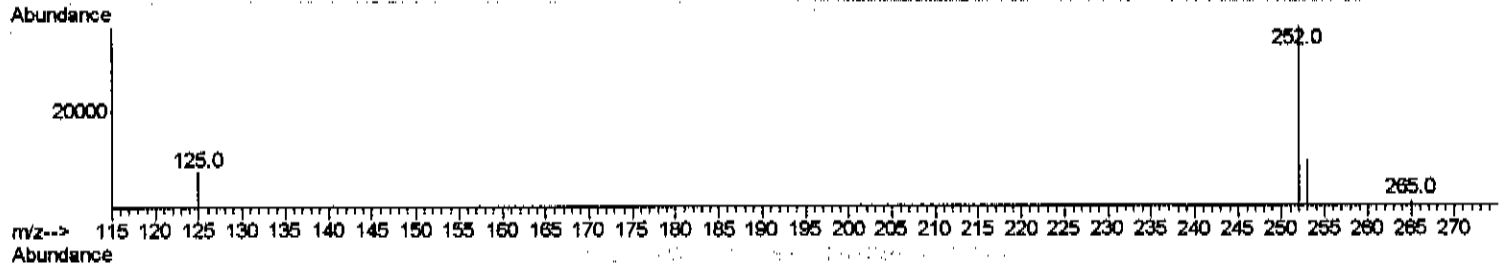
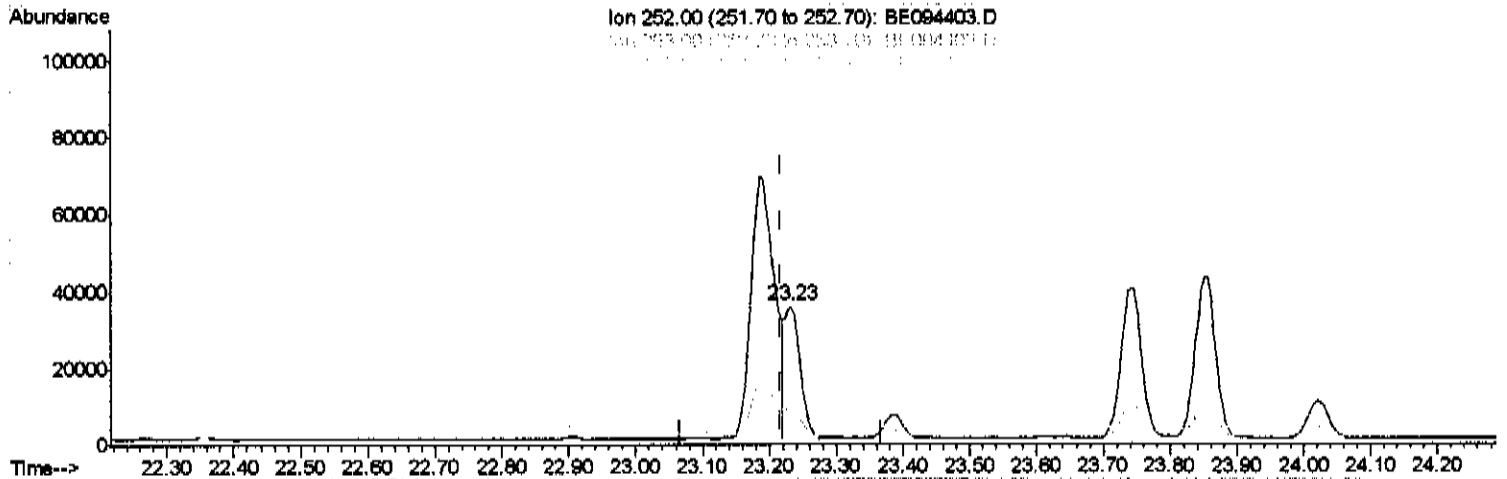
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094403.D
 Acq On : 15 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I5548-13DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:39 PM

Quant Time: Oct 16 07:54:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.232min (+0.014) 1.58ng/ul m *Jo 10/16/17*
 response 57916

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.21
125.00	17.10	22.25#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
C0AC9DL

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:39 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094403.D
Acq On : 15 Oct 2017 21:14
Operator : SJ/JU
Sample : I5548-13DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 16 08:15:13 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 16 07:45:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1945	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10381	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5871	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12290	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12587	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11665	0.40	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	645	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1432	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.76	128	870	0.034	ng/ul#	80
5) 2-Methylnaphthalene	12.36	142	535	0.032	ng/ul	100
7) Acenaphthylene	14.25	152	840	0.037	ng/ul#	75
8) Acenaphthene	14.59	153	547	0.029	ng/ul	95
9) Fluorene	15.57	166	543	0.025	ng/ul#	78
12) Phenanthrene	17.31	178	24703	0.769	ng/ul	95
13) Anthracene	17.40	178	3506m	0.112	ng/ul	→ 30 10/16/17
15) Fluoranthene	19.32	202	128687	3.050	ng/ul	84
17) Pyrene	19.68	202	113821	3.250	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	60658	1.817	ng/ul#	88
19) Chrysene	21.47	228	105696	2.741	ng/ul	95
21) Benzo(b)fluoranthene	23.19	252	165849m	5.234	ng/ul	→ 30 10/16/17
22) Benzo(k)fluoranthene	23.23	252	57916m	1.581	ng/ul	→ 30 10/16/17
23) Benzo(a)pyrene	23.86	252	90674	2.754	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.66	276	81388	2.416	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.66	278	19215	0.680	ng/ul#	71
26) Benzo(a,h,i)perylene	27.50	276	72607	2.499	ng/ul	94

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