

Quantitation Report (QT Reviewed)

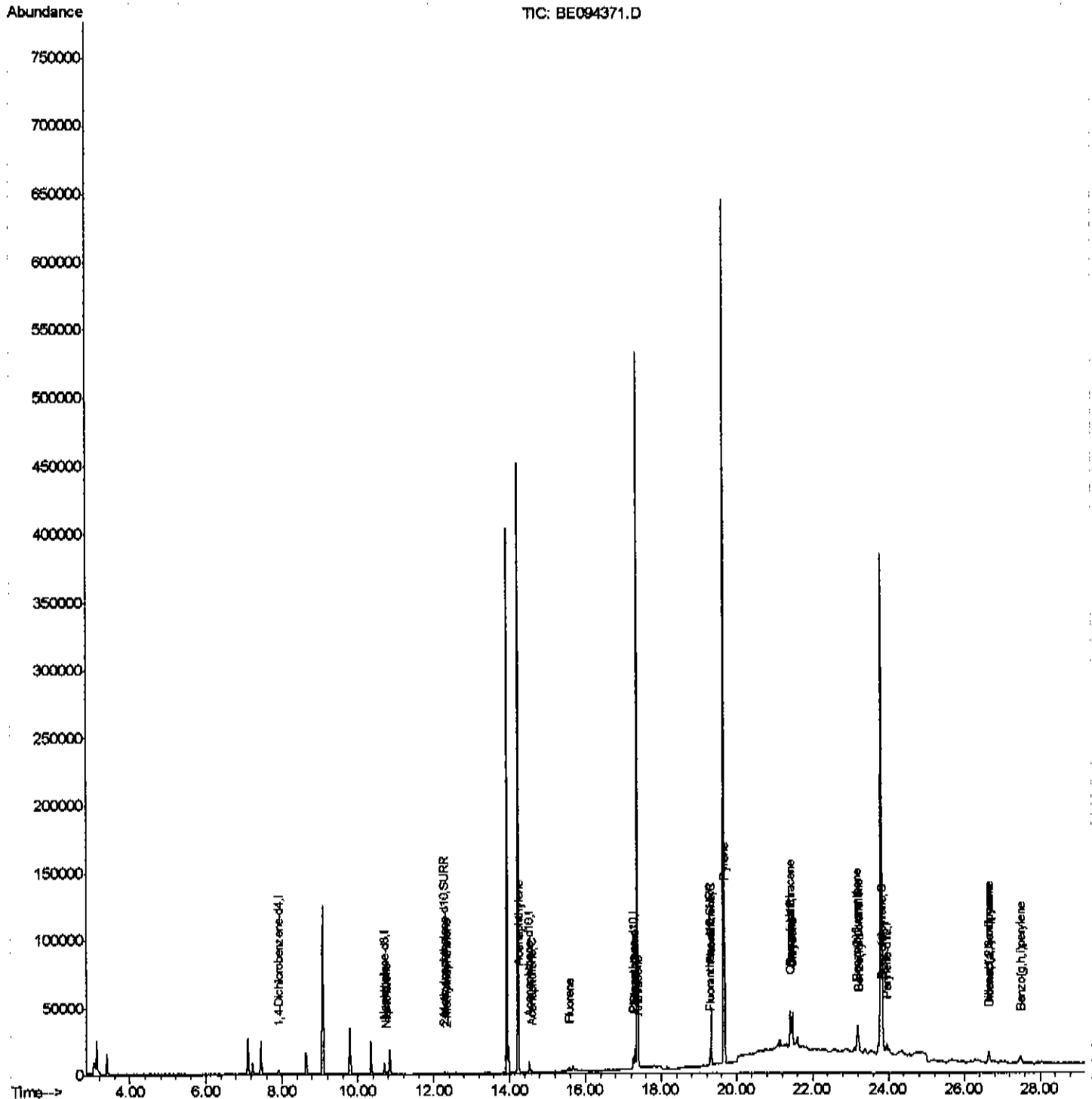
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:18:08 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 05:09:03 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

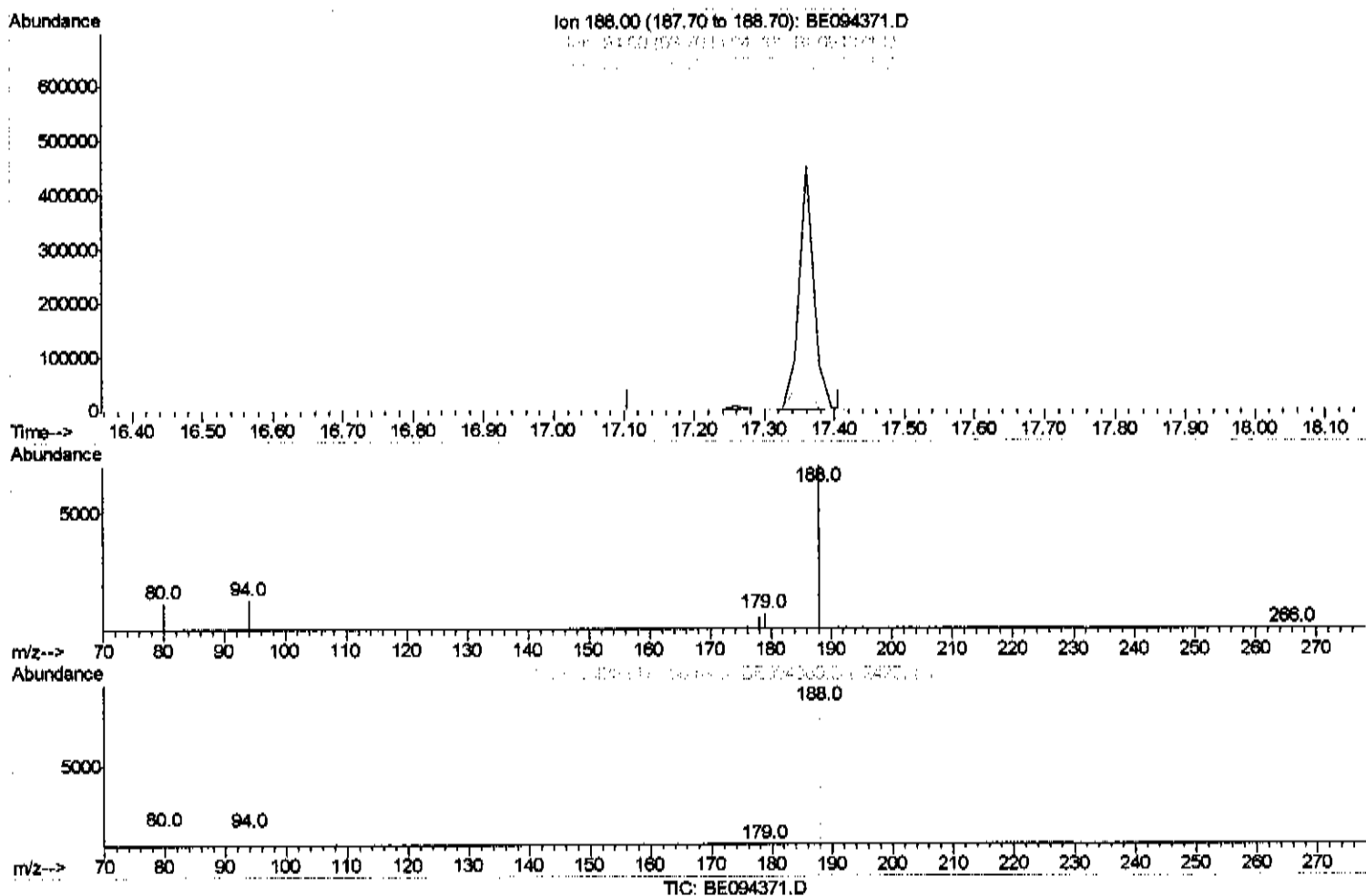
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:09:06 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 05:09:03 2017
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.256min (-17.256) 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)

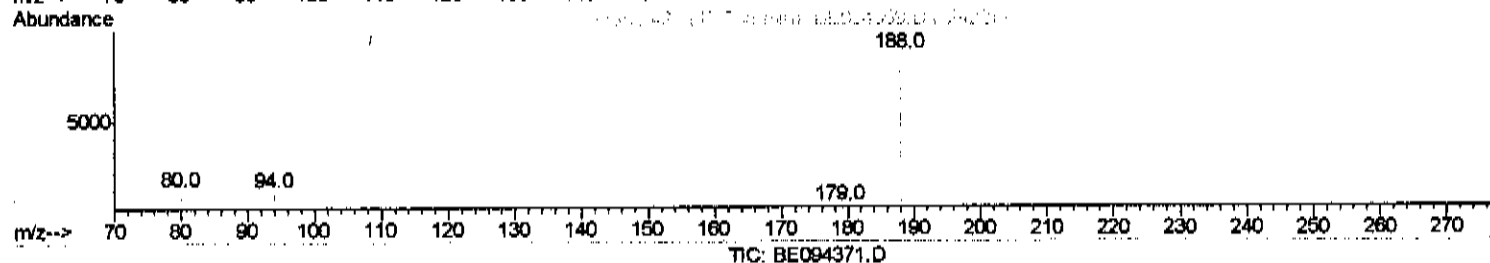
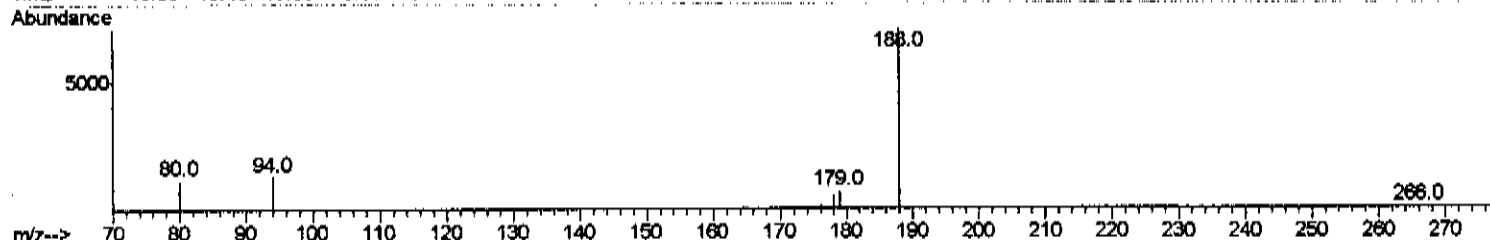
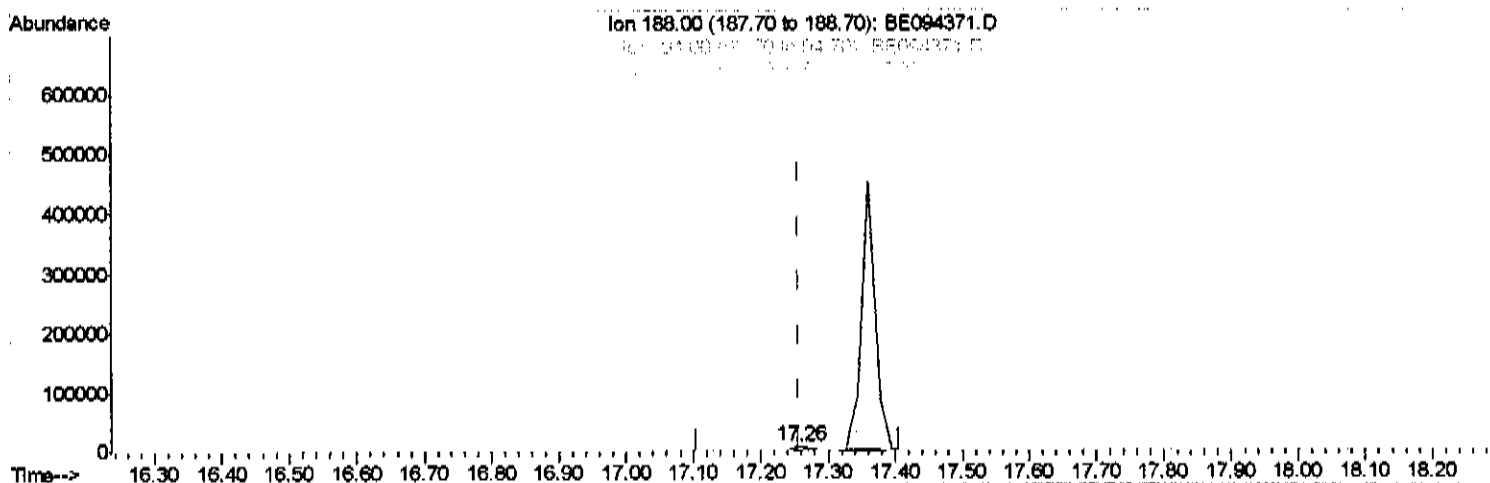
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:09:06 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 05:09:03 2017
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.257min (+0.001) 0.40ng/ul *mgd 10/16/17*

response 11454

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	19.89#
80.00	11.80	17.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

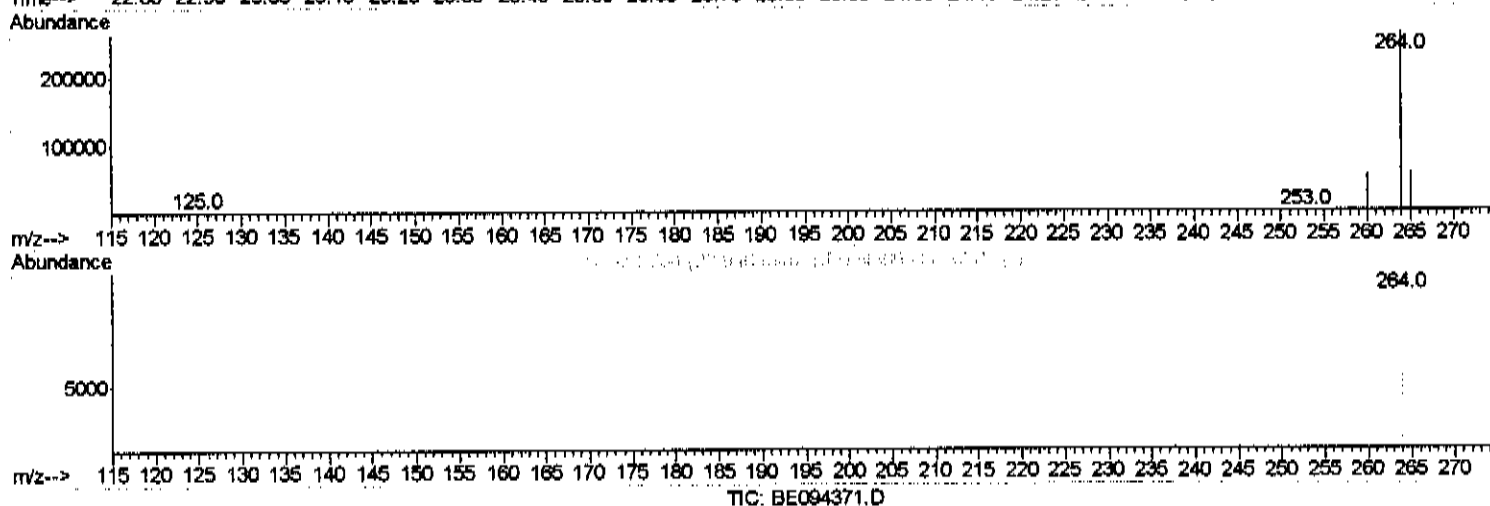
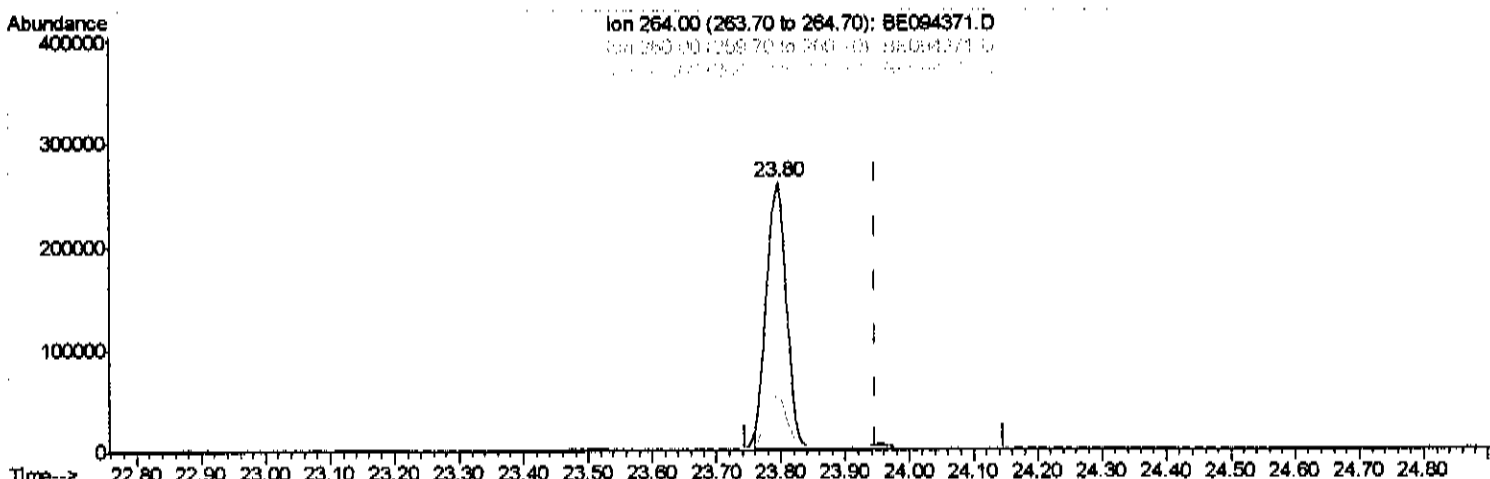
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:04 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 05:09:03 2017
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.796min (-0.151) 0.40ng/ul

response 556715

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.35#
266.00	103.50	22.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

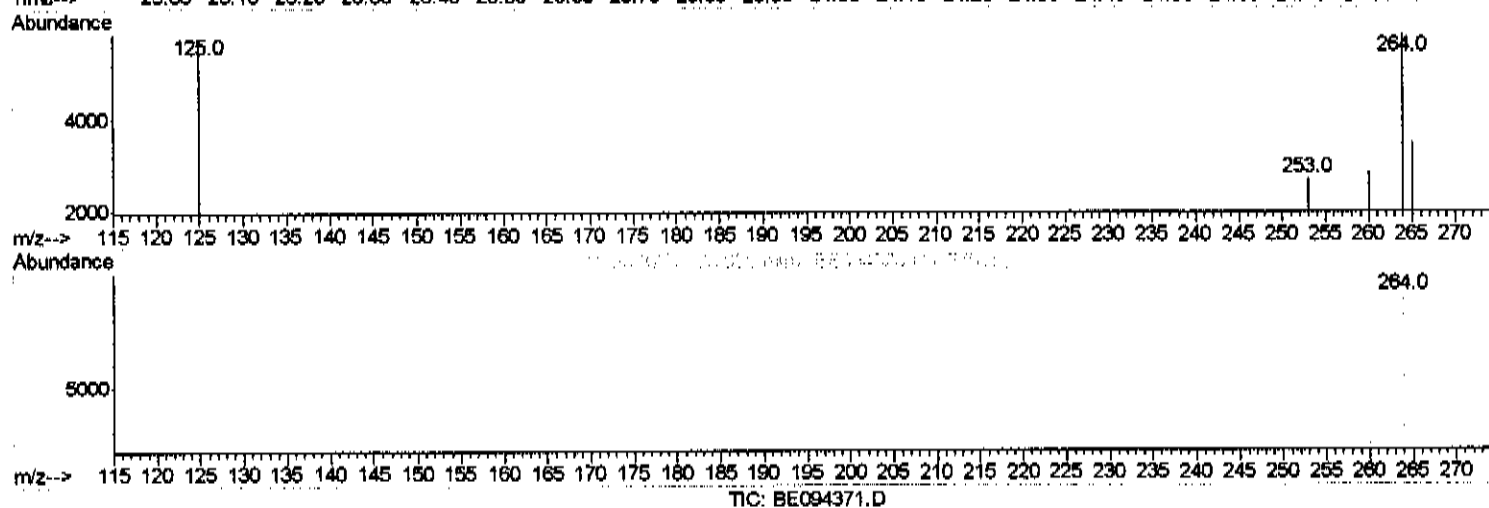
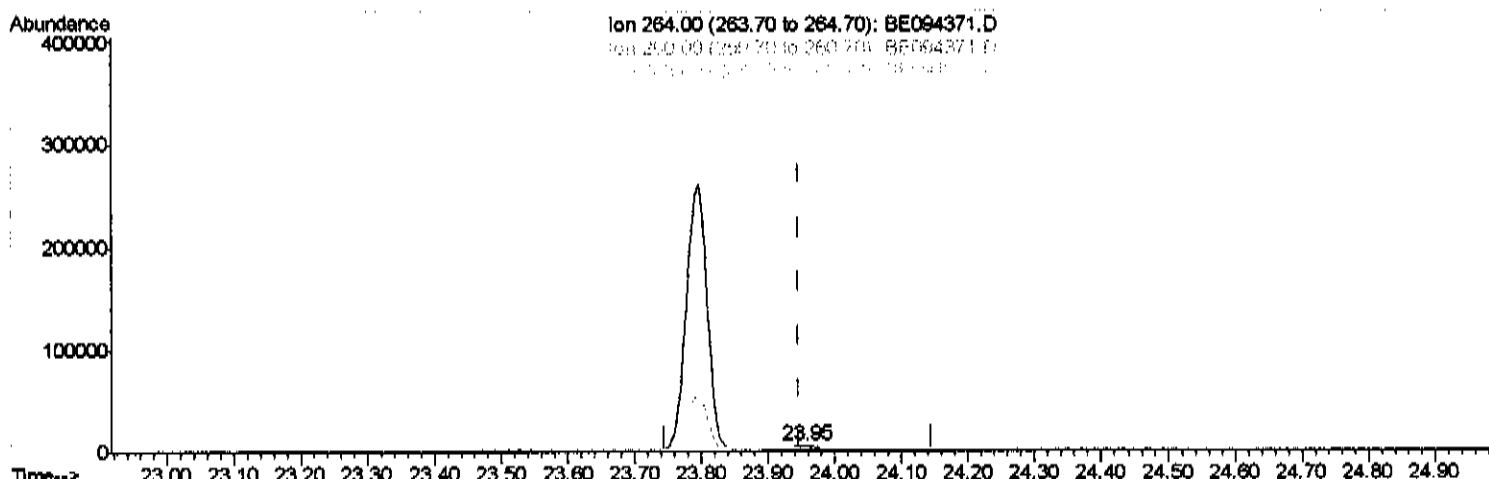
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:04 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 05:09:03 2017
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.955min (+0.009) 0.40ng/ul m

response 9353

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	48.13#
265.00	103.50	59.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

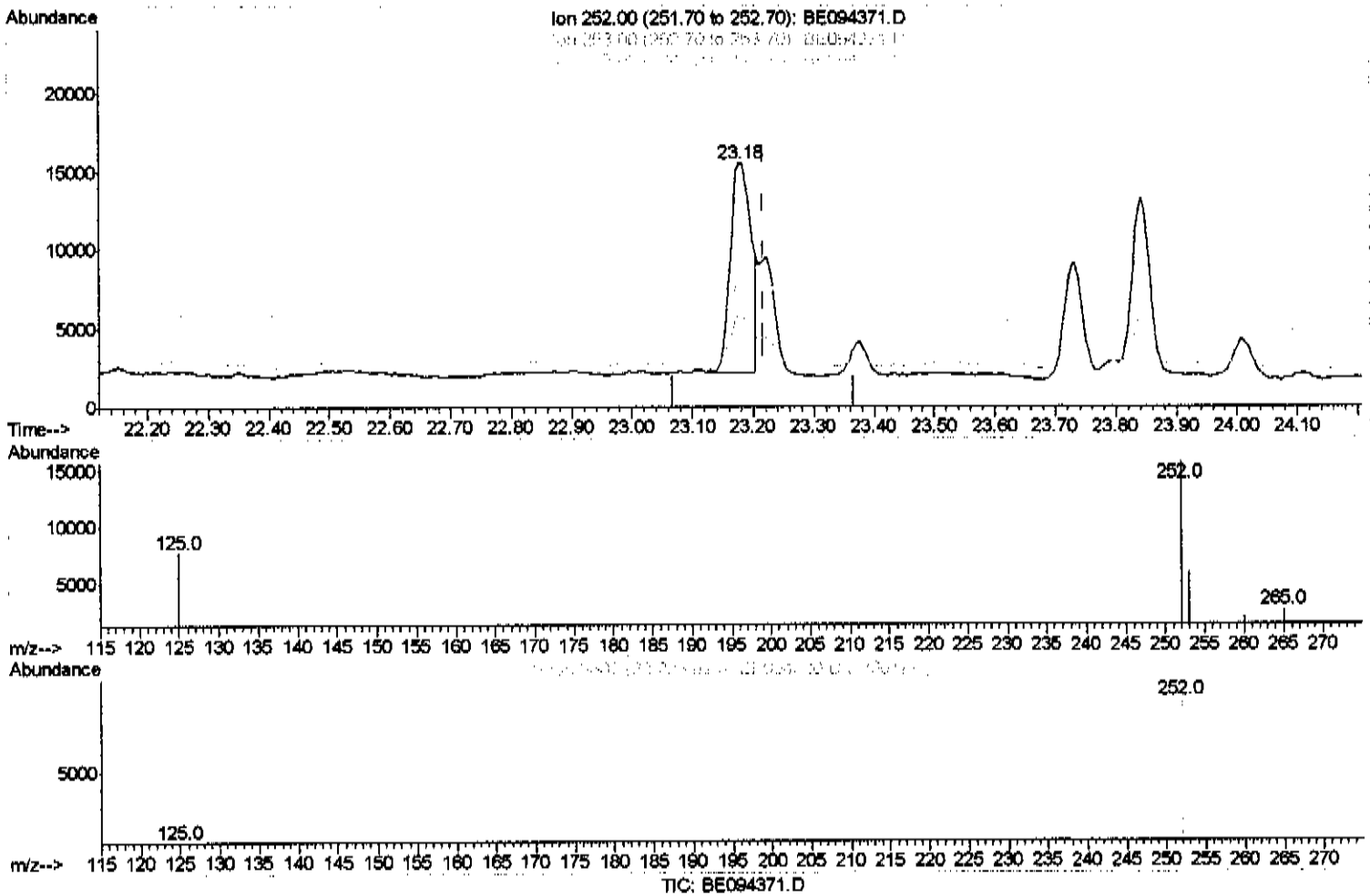
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 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 05:09:03 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 23.176min (-0.042) 1.09ng/ul
 response 32121

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	37.95#
125.00	17.10	49.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

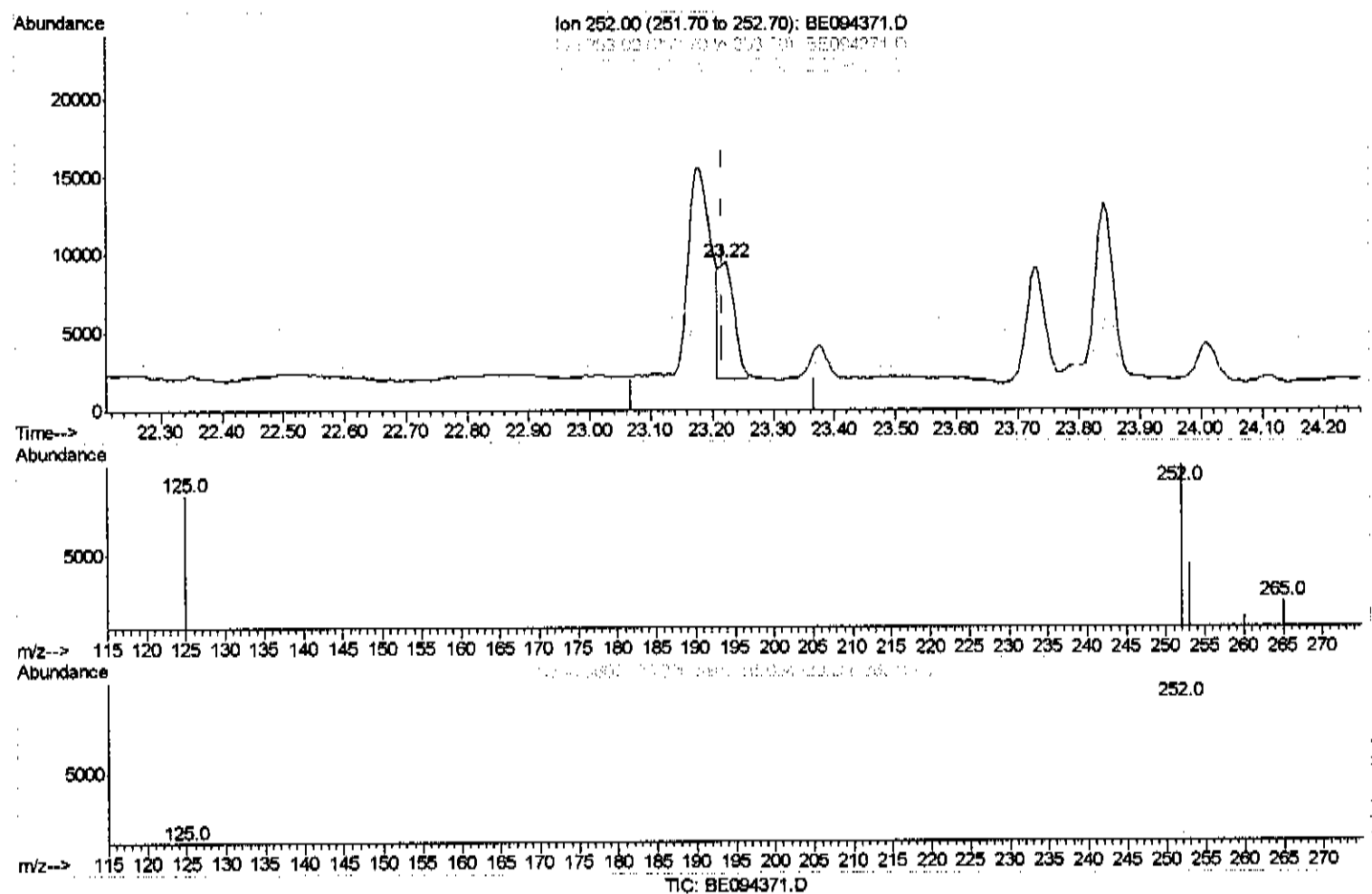
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 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 05:09:03 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.222min (+0.004) 0.43ng/ul m *SJ 10/16/17*

response 12588

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	47.10#
125.00	17.10	84.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

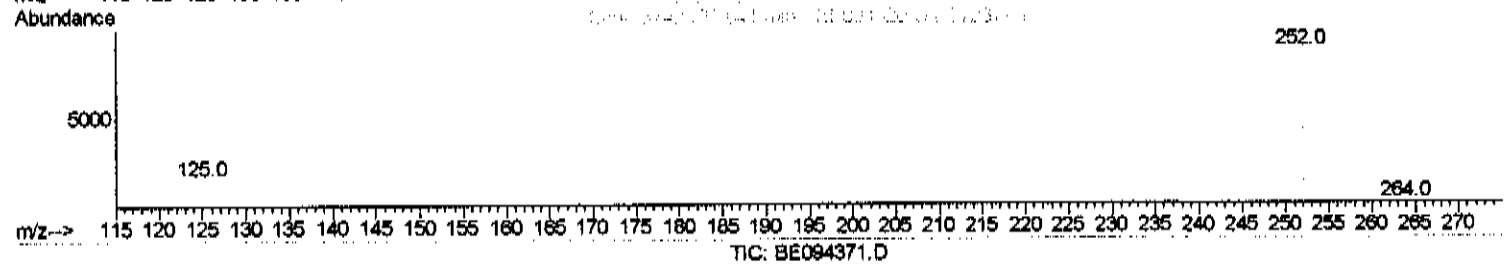
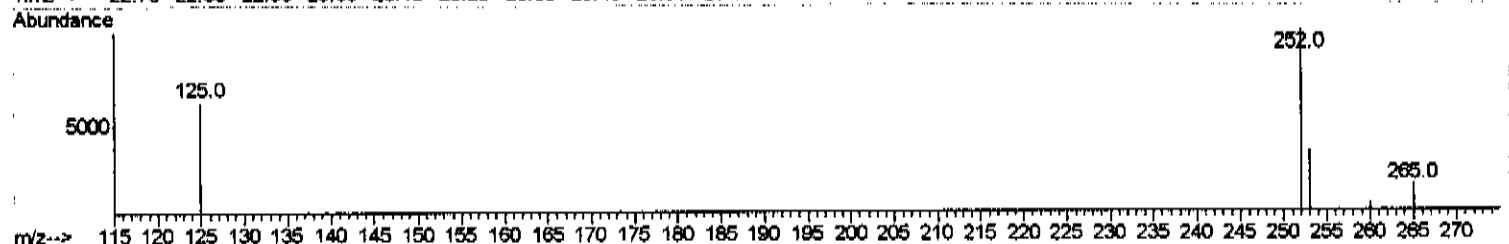
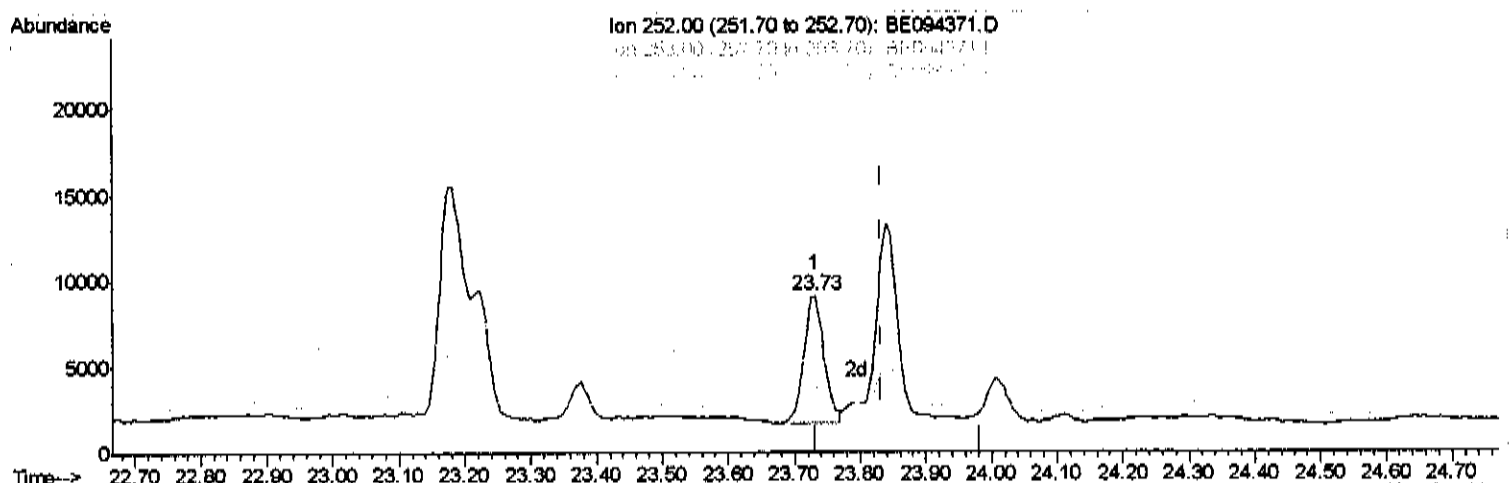
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.732min (-0.101) 0.60ng/ul

response 15886

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	42.36
125.00	22.60	66.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

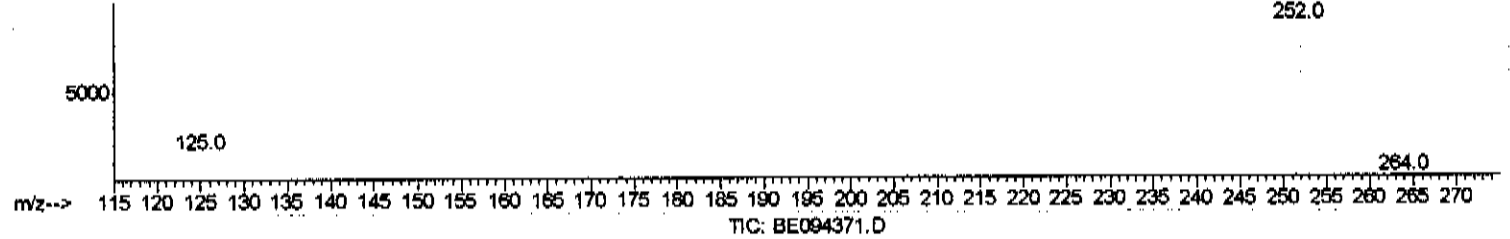
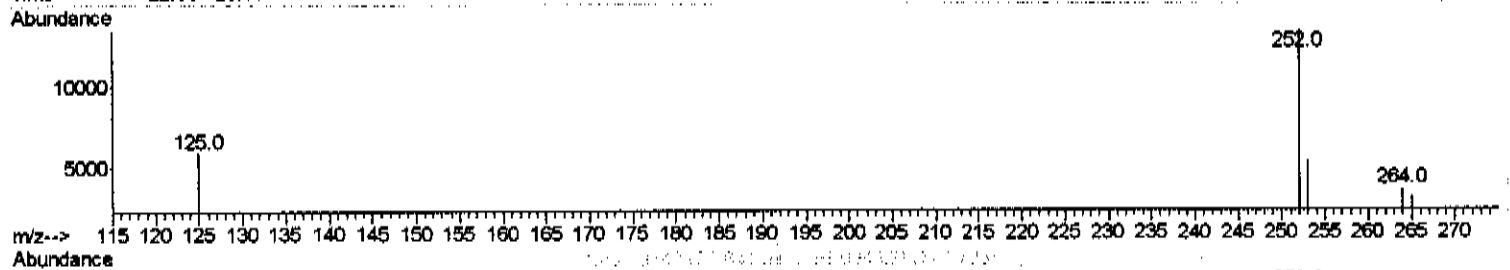
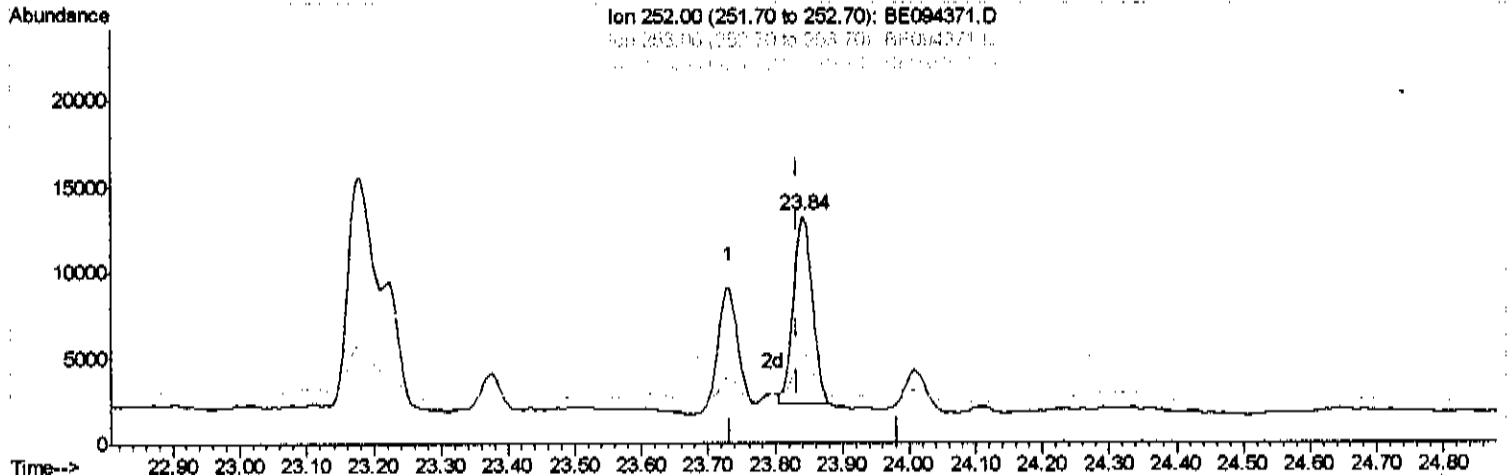
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 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 05:09:03 2017
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.841min (+0.009) 0.83ng/ul *mg* 10/16/17

response 22045

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.62
125.00	22.60	44.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

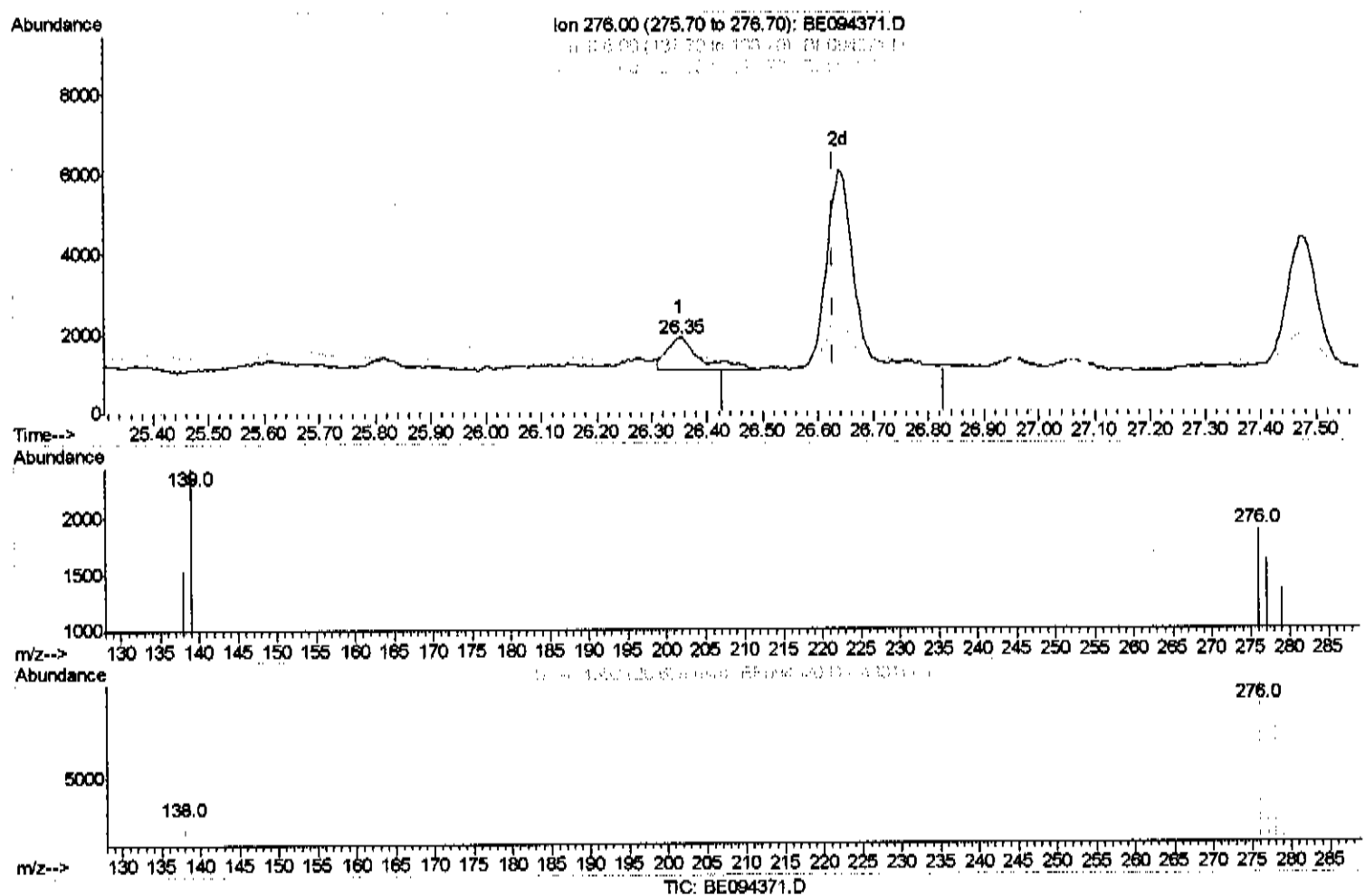
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 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 05:09:03 2017
 Response via : Initial Calibration



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

26.350min (-0.277) 0.14ng/ul

response 3658

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	21.68#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

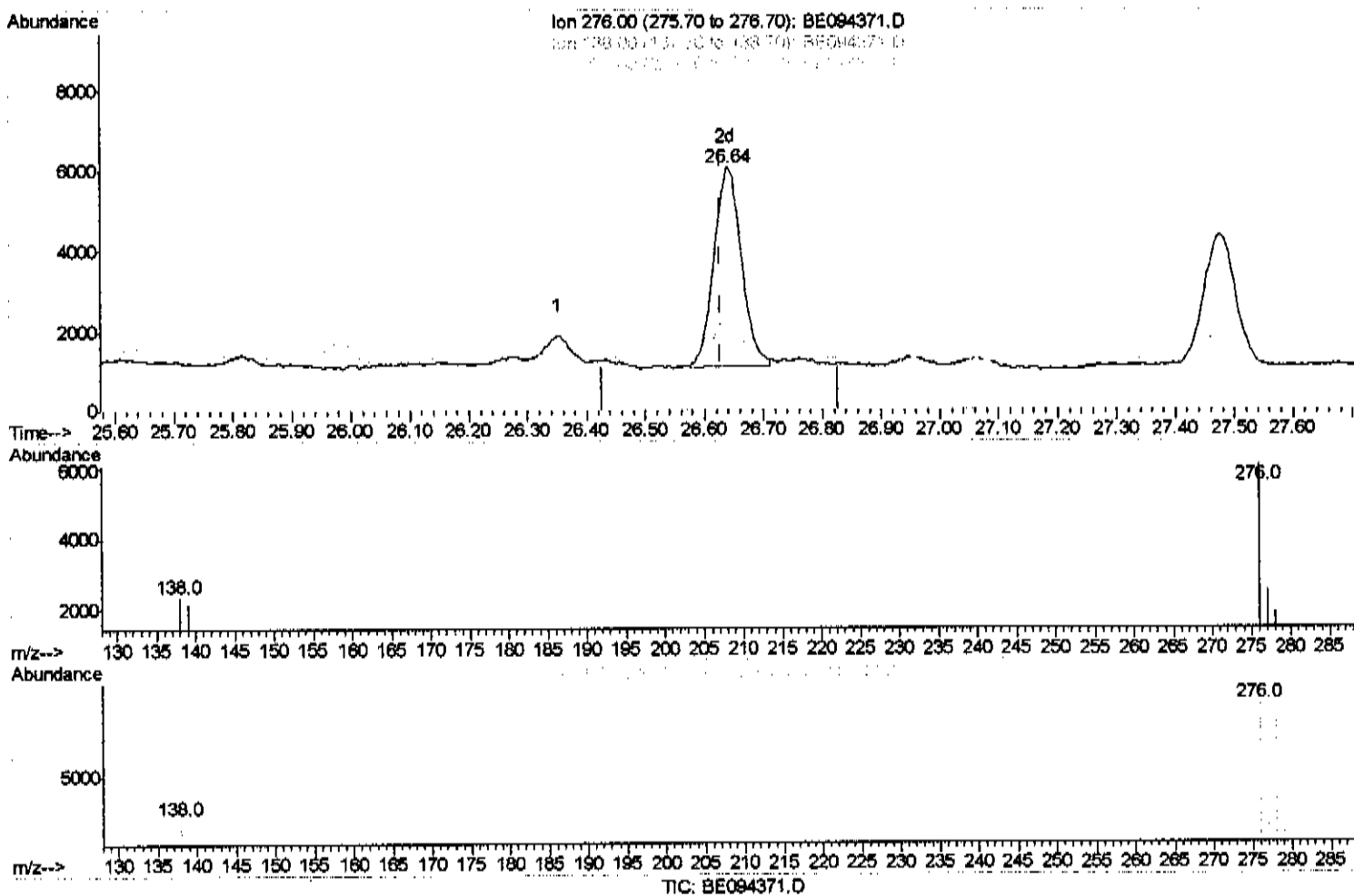
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 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 05:09:03 2017
 Response via : Initial Calibration



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

26.637min (+0.010) 0.61ng/ul m

response 16385

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	4.84#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

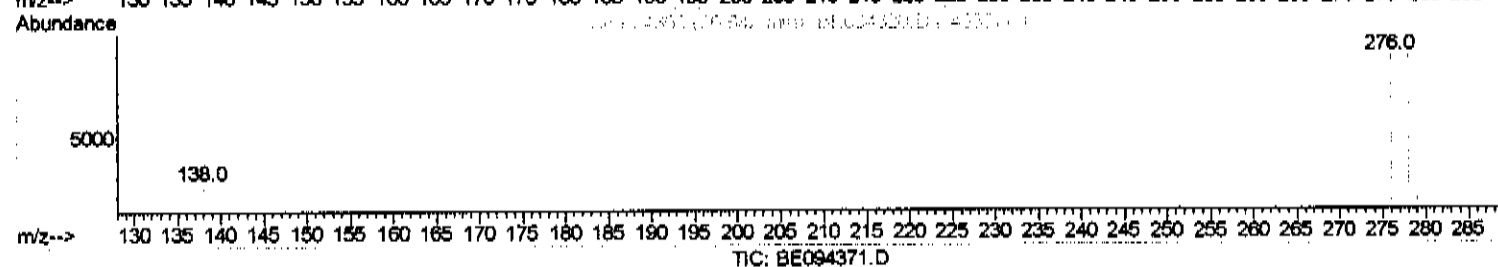
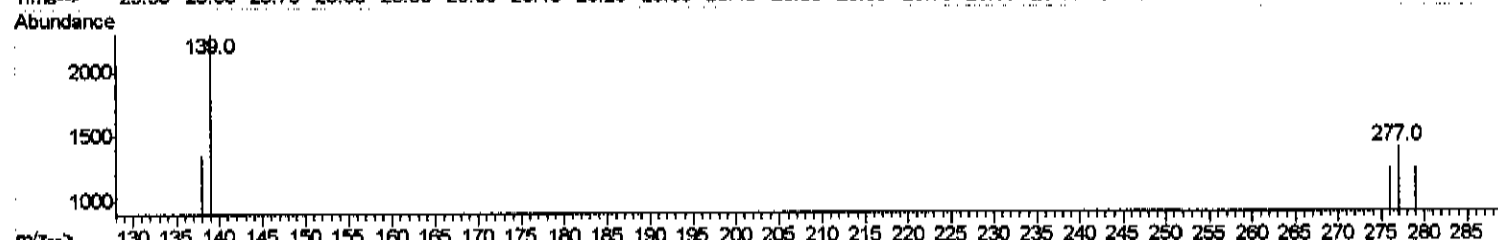
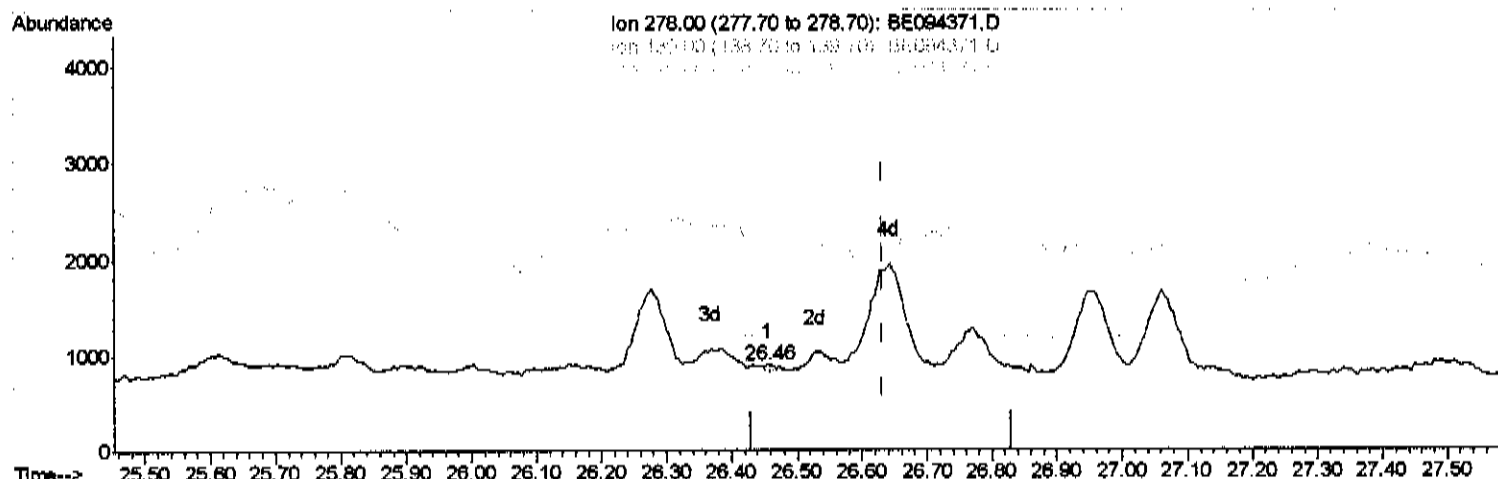
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.455min (-0.177) 0.00ng/ui

response 79

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	254.22#
279.00	32.40	137.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

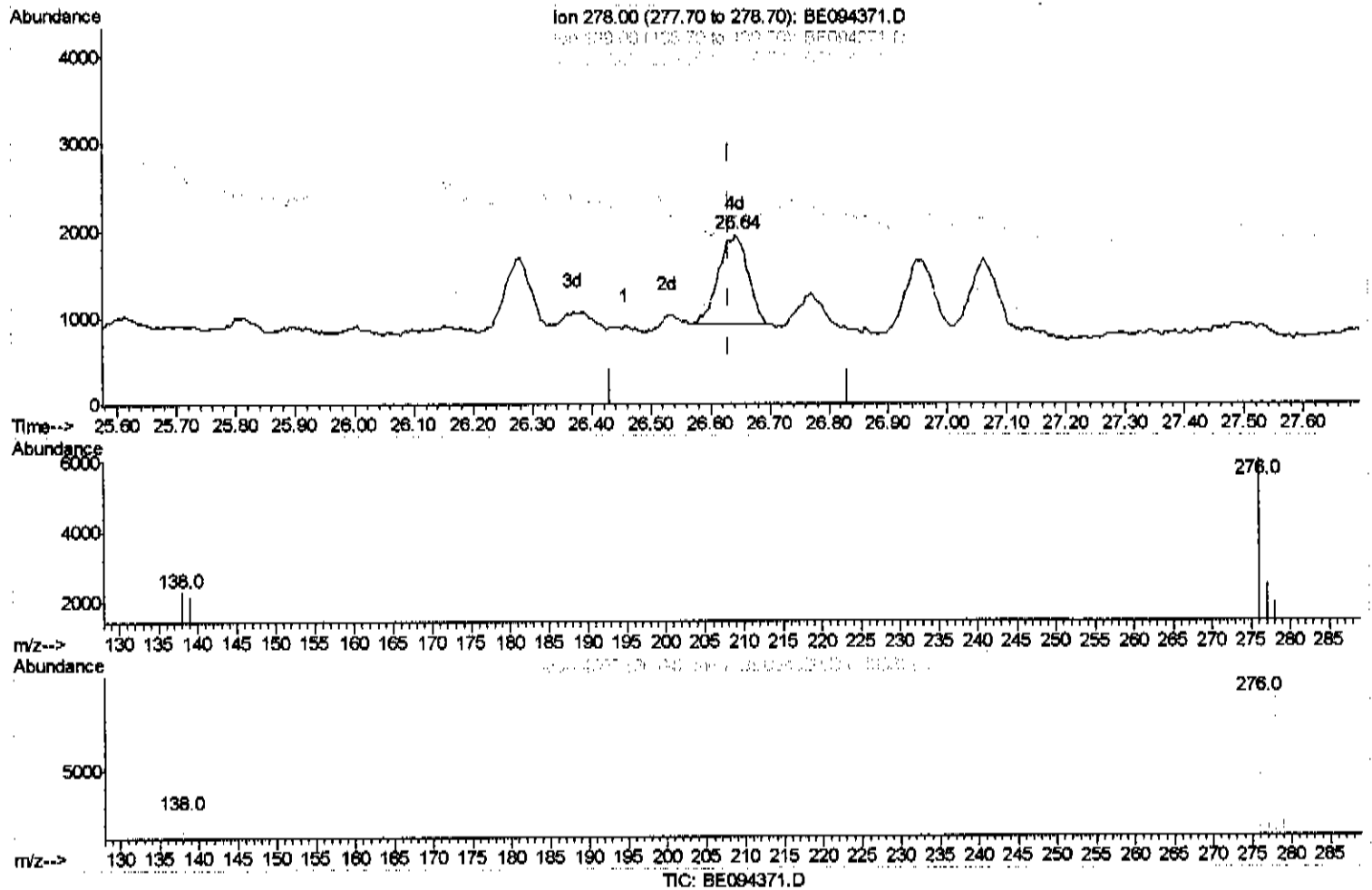
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 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 05:09:03 2017
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.642min (+0.010) 0.16ng/ul m

response 3556

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	111.18#
279.00	32.40	74.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

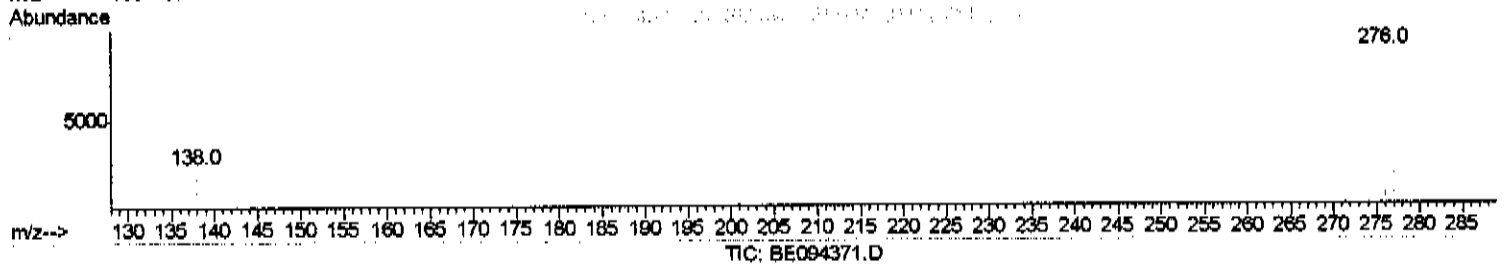
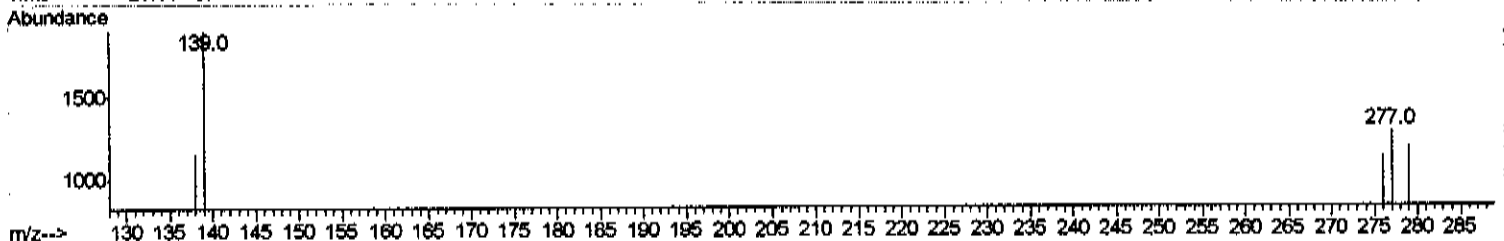
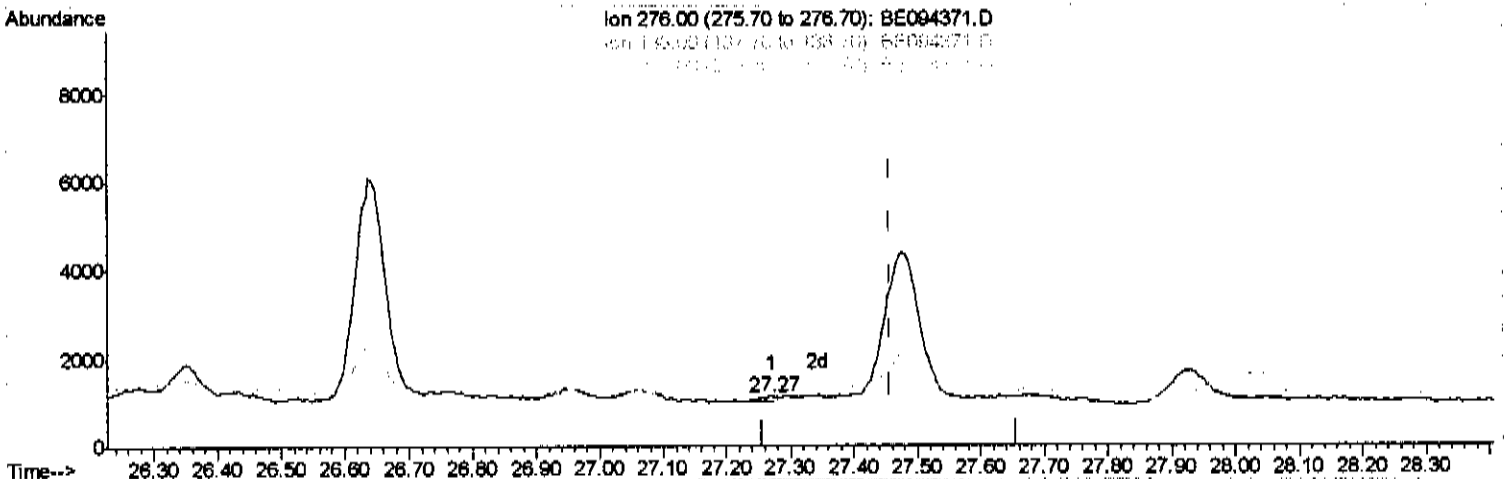
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 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 05:09:03 2017
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
 27.271min (-0.186) 0.01ng/ui
 response 206

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	102.84#
277.00	25.60	113.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

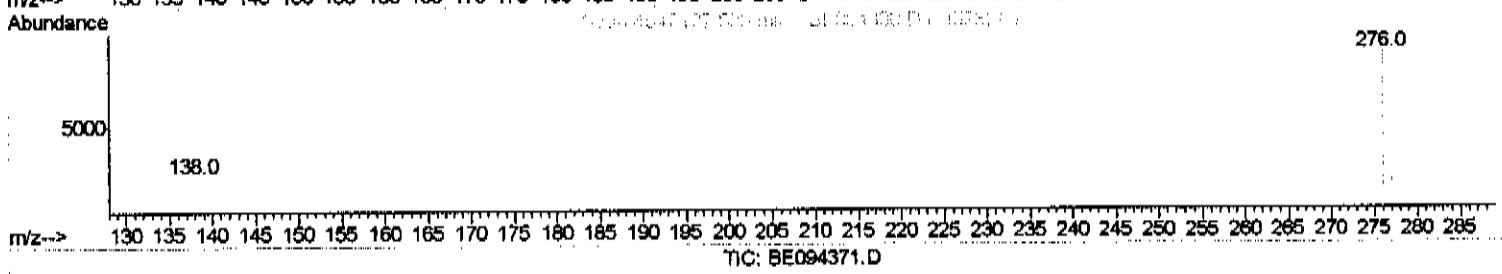
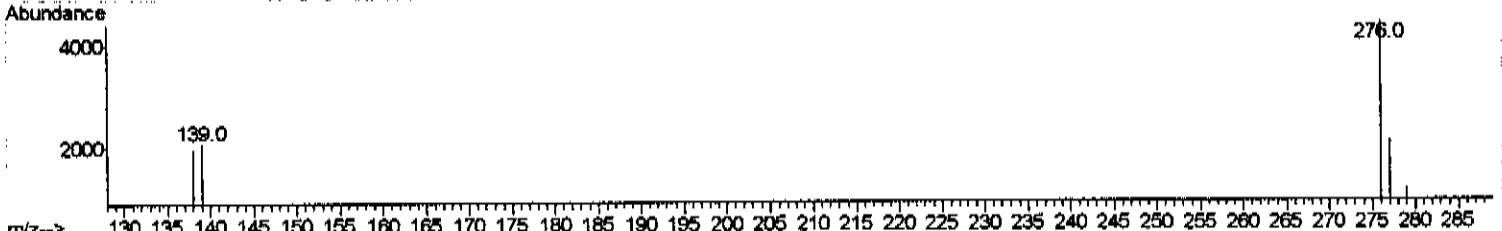
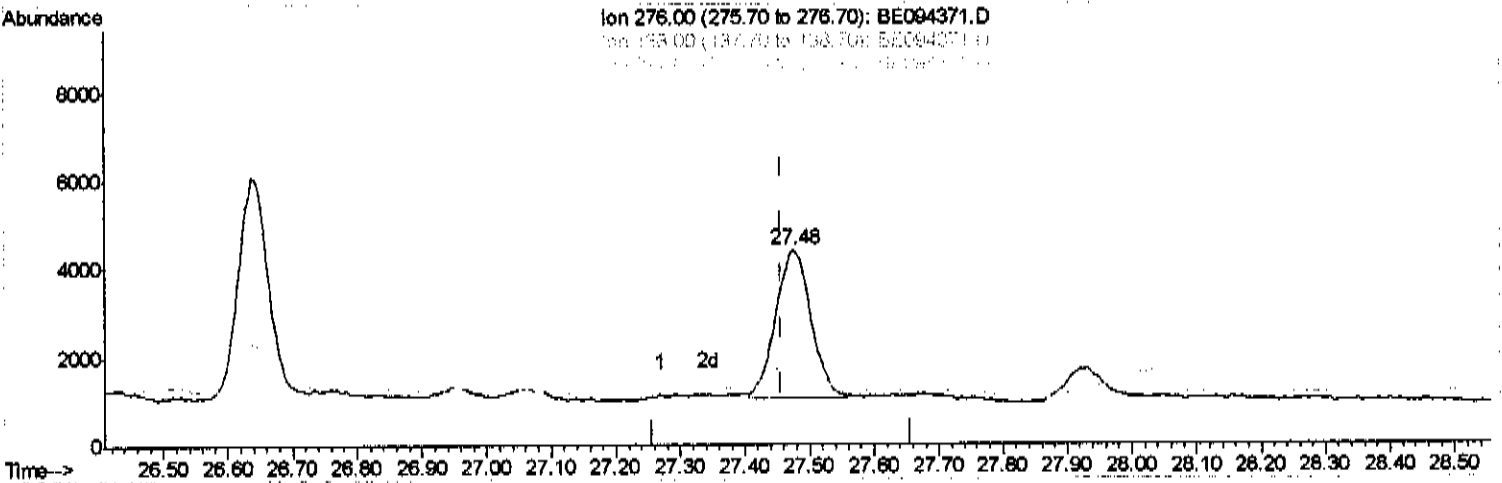
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:30 PM

Quant Time: Oct 16 05:15:59 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 05:09:03 2017
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

27.476min (+0.019) 0.55ng/ul m

response 12765

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	45.10#
277.00	25.60	47.40#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
C0AB8

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:30 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094371.D
Acq On : 15 Oct 2017 00:54
Operator : SJ/JU
Sample : I5548-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 16 05:18:08 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 05:09:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1476	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8142	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5121	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11454m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9906	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9353m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	3593	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8655	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	1654	0.083	ng/ul#	72
5) 2-Methylnaphthalene	12.36	142	1511	0.117	ng/ul	100
7) Acenaphthylene	14.25	152	835	0.042	ng/ul#	67
8) Acenaphthene	14.59	153	1452	0.088	ng/ul	97
9) Fluorene	15.57	166	1333	0.069	ng/ul#	70
12) Phenanthrene	17.29	178	23299	0.778	ng/ul#	89
13) Anthracene	17.40	178	4837	0.166	ng/ul#	78
15) Fluoranthene	19.32	202	51783	1.317	ng/ul	83
17) Pyrene	19.68	202	46878	1.701	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	24360	0.927	ng/ul#	74
19) Chrysene	21.46	228	27015	0.890	ng/ul#	70
21) Benzo(b)fluoranthene	23.18	252	32121	1.264	ng/ul#	67
22) Benzo(k)fluoranthene	23.22	252	12588m	0.429	ng/ul	
23) Benzo(a)pyrene	23.84	252	22045m	0.835	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.64	276	16385m	0.607	ng/ul	
25) Dibenzo(a,h)anthracene	26.64	278	3556m	0.157	ng/ul	
26) Benzo(a,h,i)perylene	27.48	276	12765m	0.548	ng/ul	

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