

Quantitation Report (QT Reviewed)

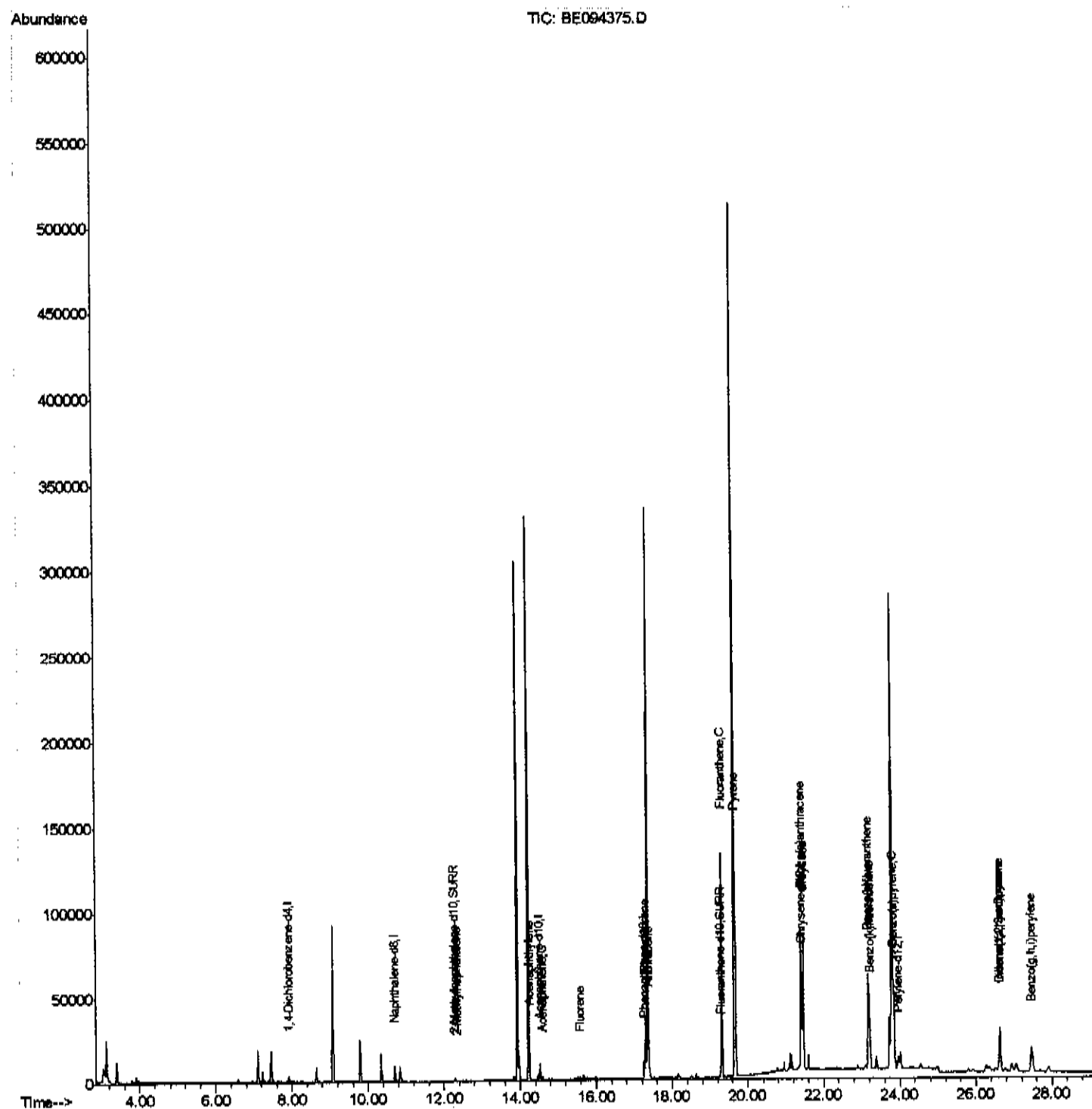
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:43:44 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)

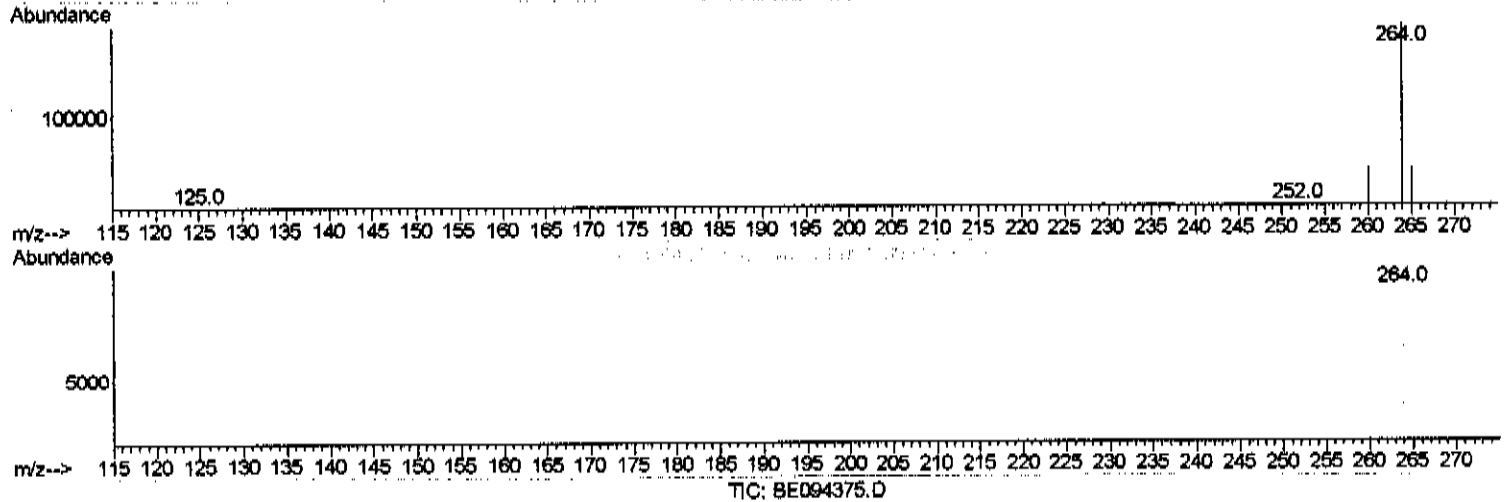
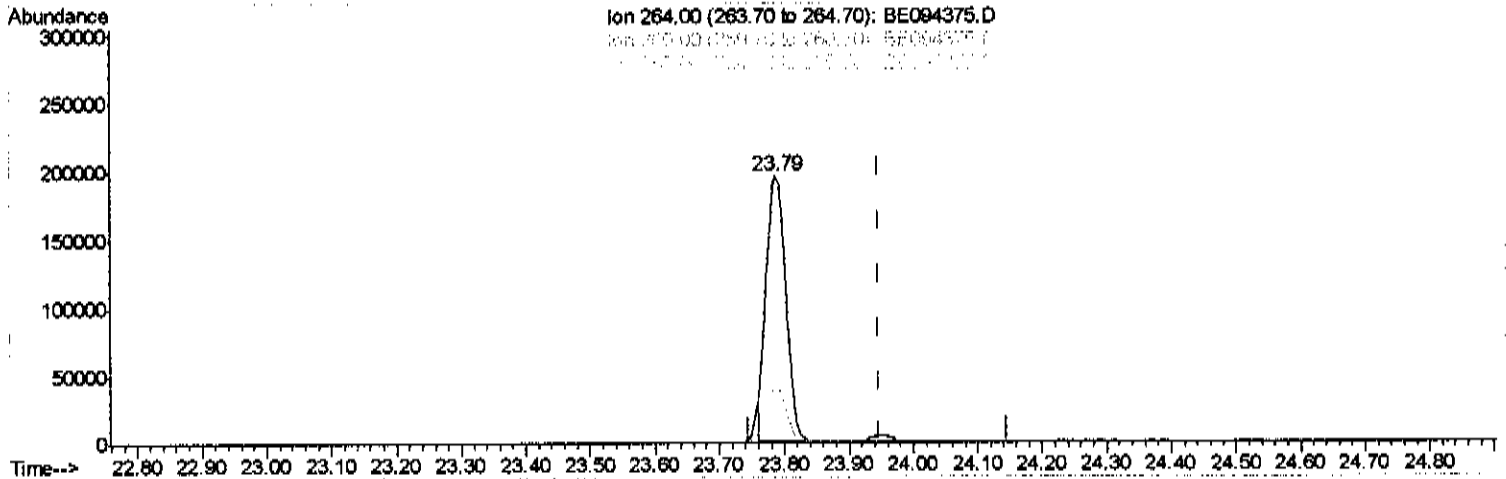
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:09:46 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)

23.787min (-0.159) 0.40ng/ul

response 410985

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.85#
265.00	103.50	22.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

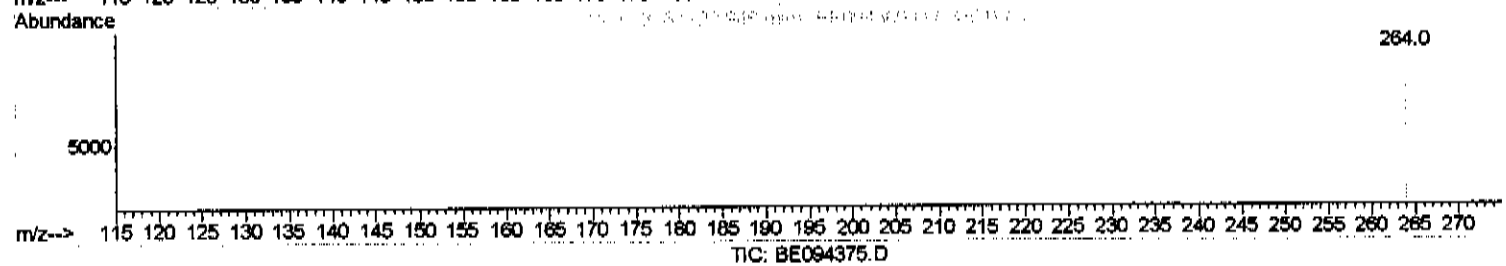
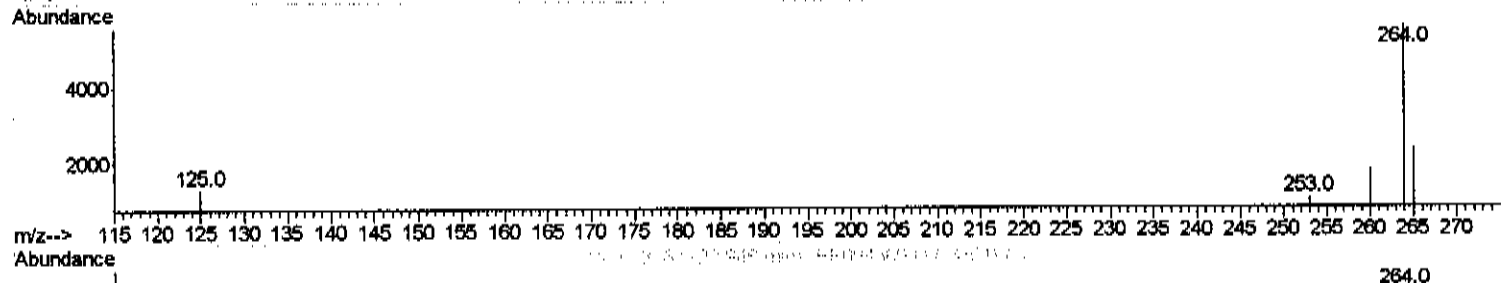
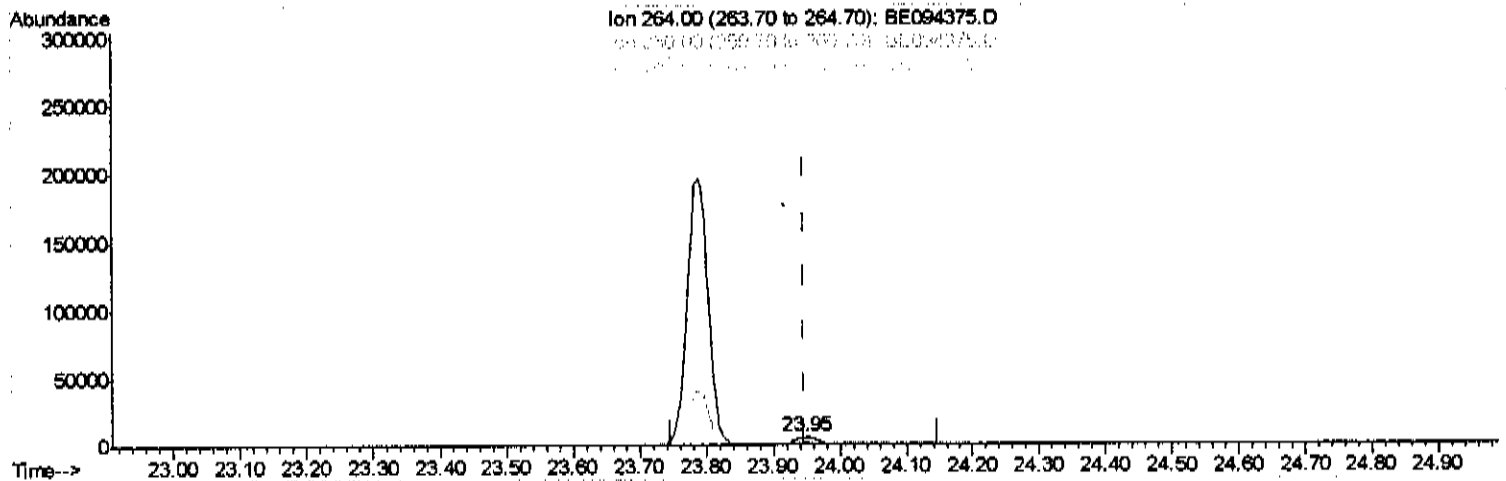
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:09:46 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)

23.947min (+0.000) 0.40ng/ul m

response 10211

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.40
266.00	103.50	42.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

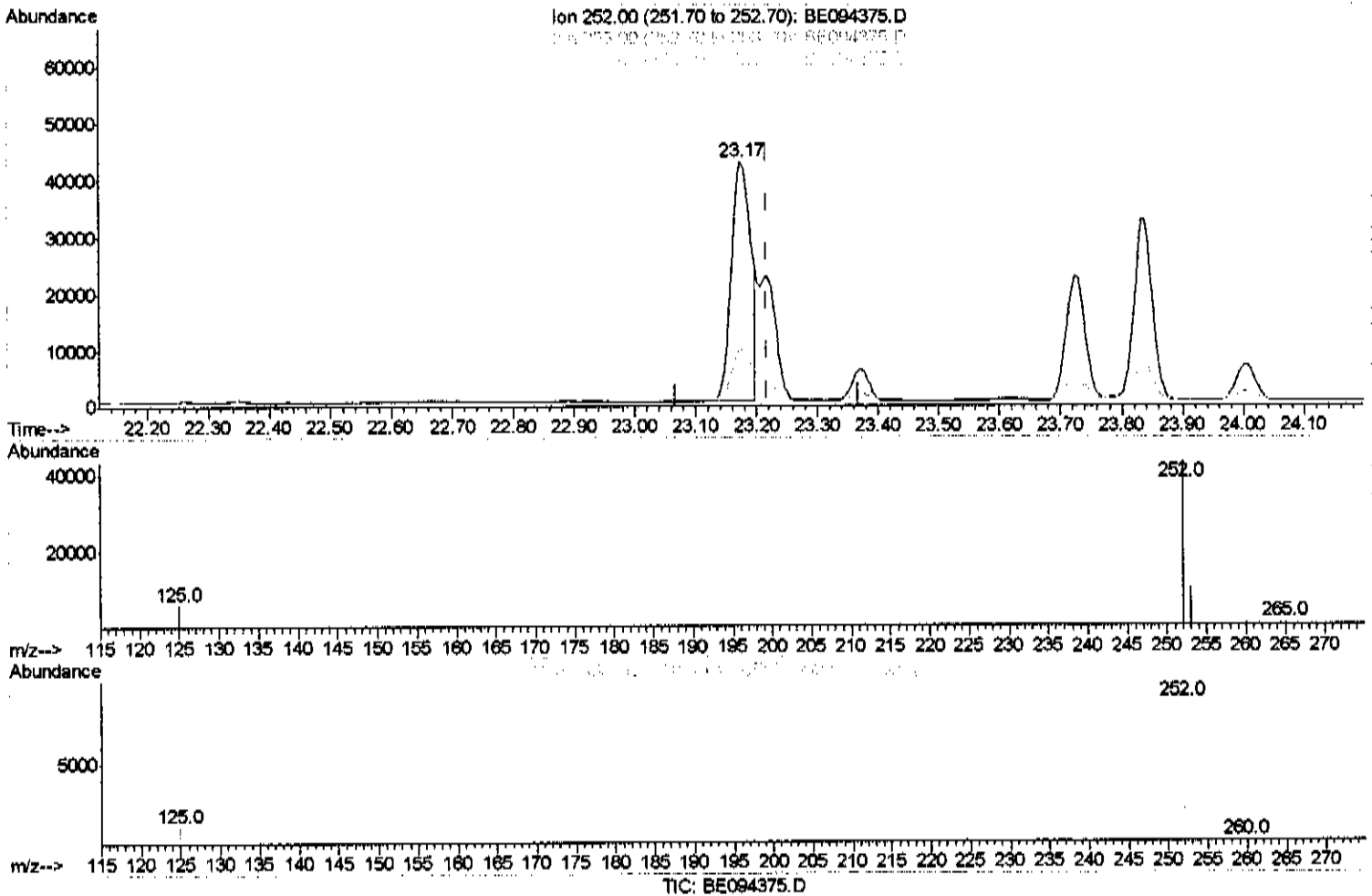
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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



(22) Benzo(k)fluoranthene
 23.172min (-0.045) 2.90ng/ul
 response 92826

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.78#
125.00	17.10	14.18
0.00	0.00	0.00

Quantitation Report (Qedit)

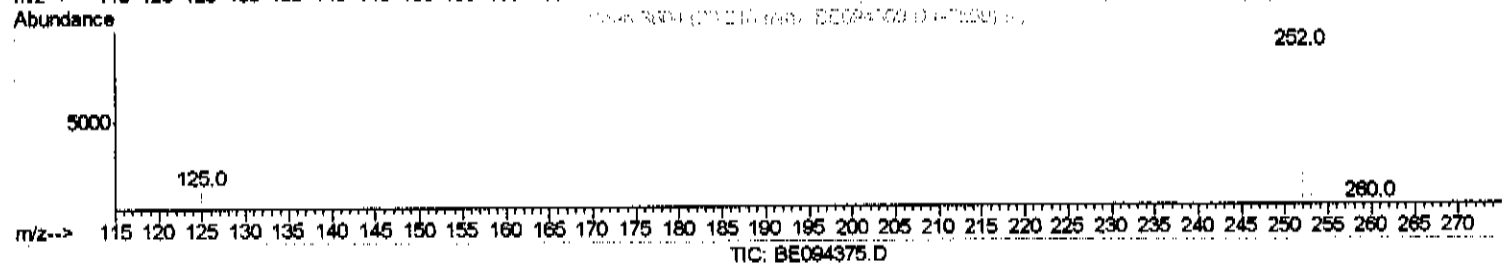
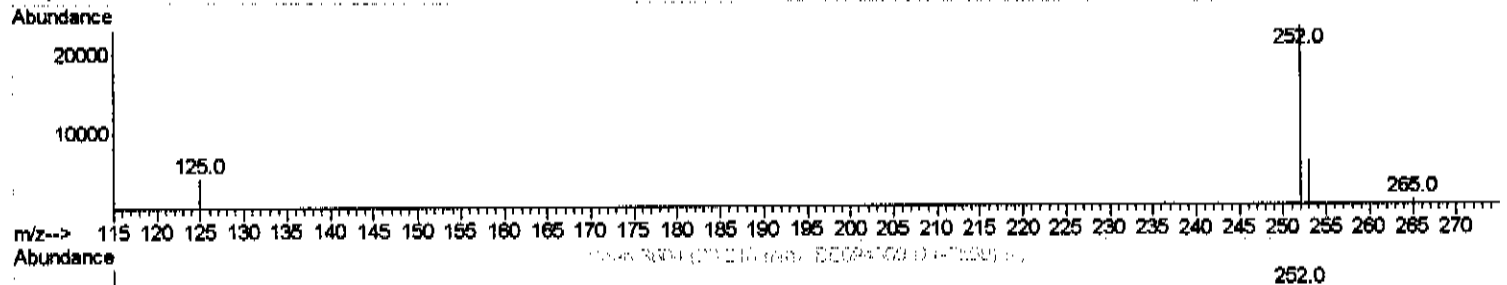
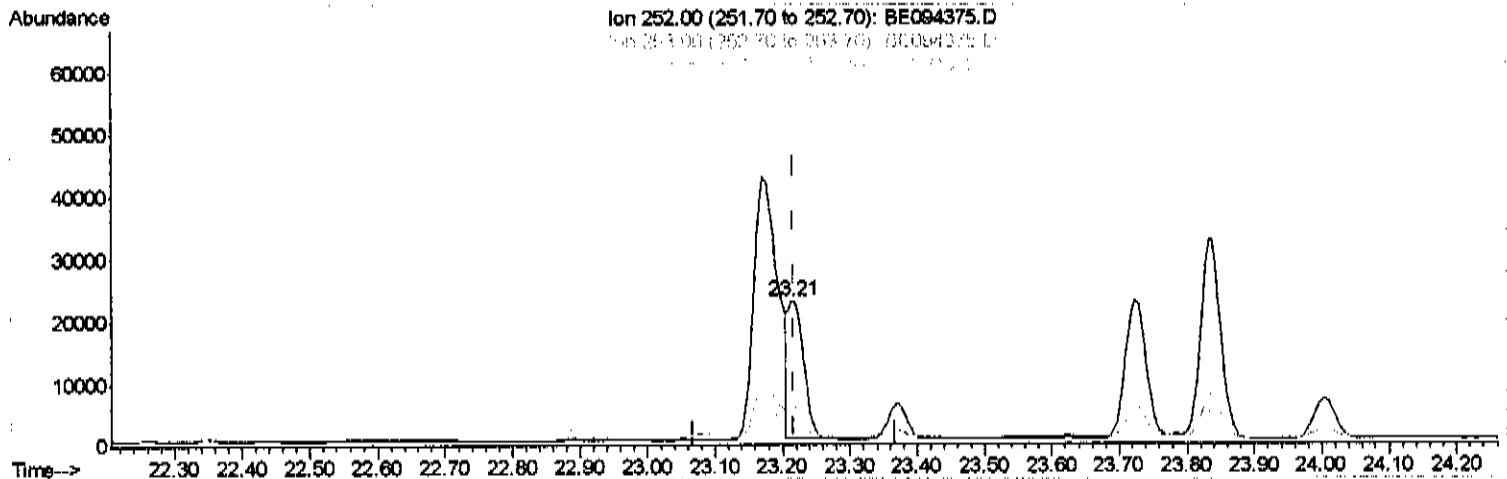
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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



(22) Benzo(k)fluoranthene

23.213min (-0.004) 1.13ng/ul m

response 36344

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.25
125.00	17.10	18.27
0.00	0.00	0.00

Quantitation Report (Qedit)

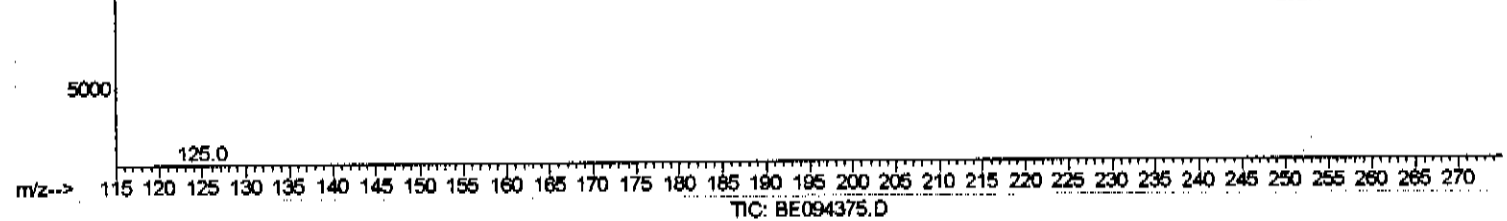
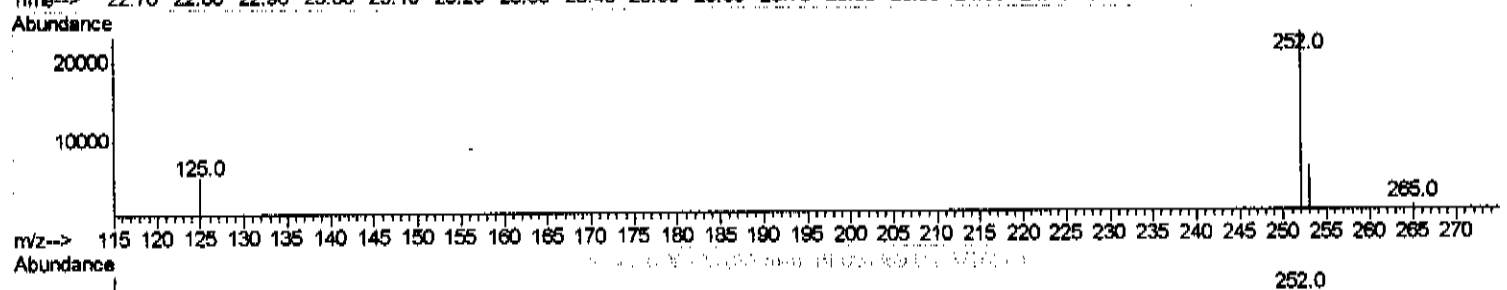
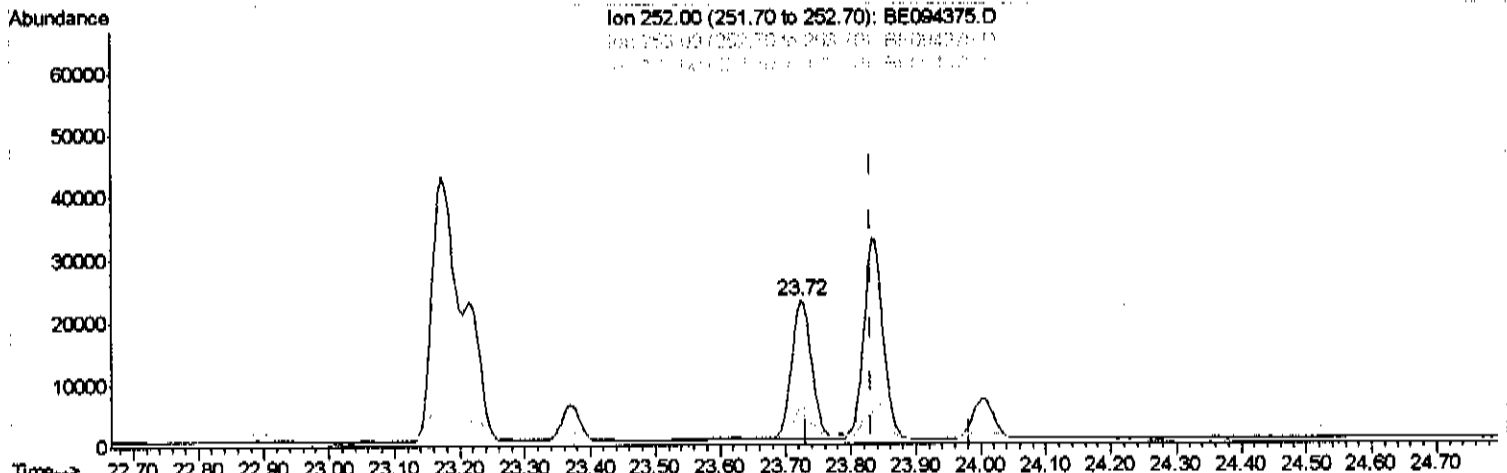
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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)
 23.723min (-0.109) 1.73ng/ul
 response 49904

Ion	Exp%	Act%
252.00	100	100
253.00	35.80	25.22#
125.00	22.60	21.28
0.00	0.00	0.00

Quantitation Report (Qedit)

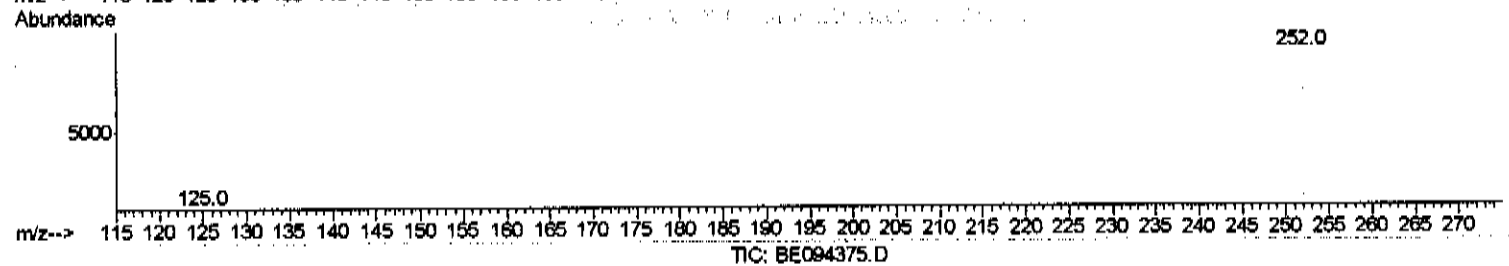
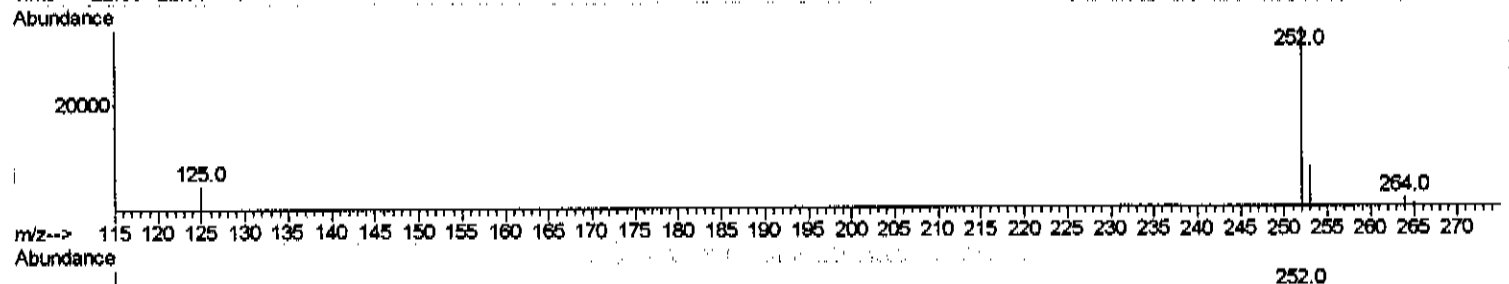
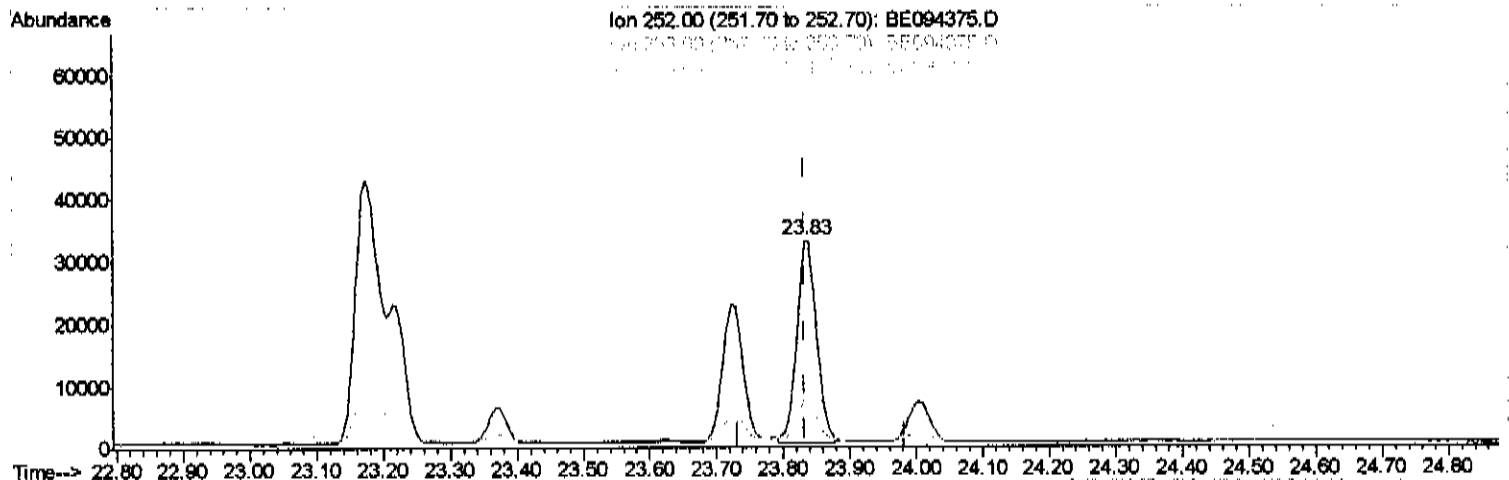
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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)

23.833min (+0.000) 2.32ng/ul m

response 66991

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.34#
125.00	22.60	15.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

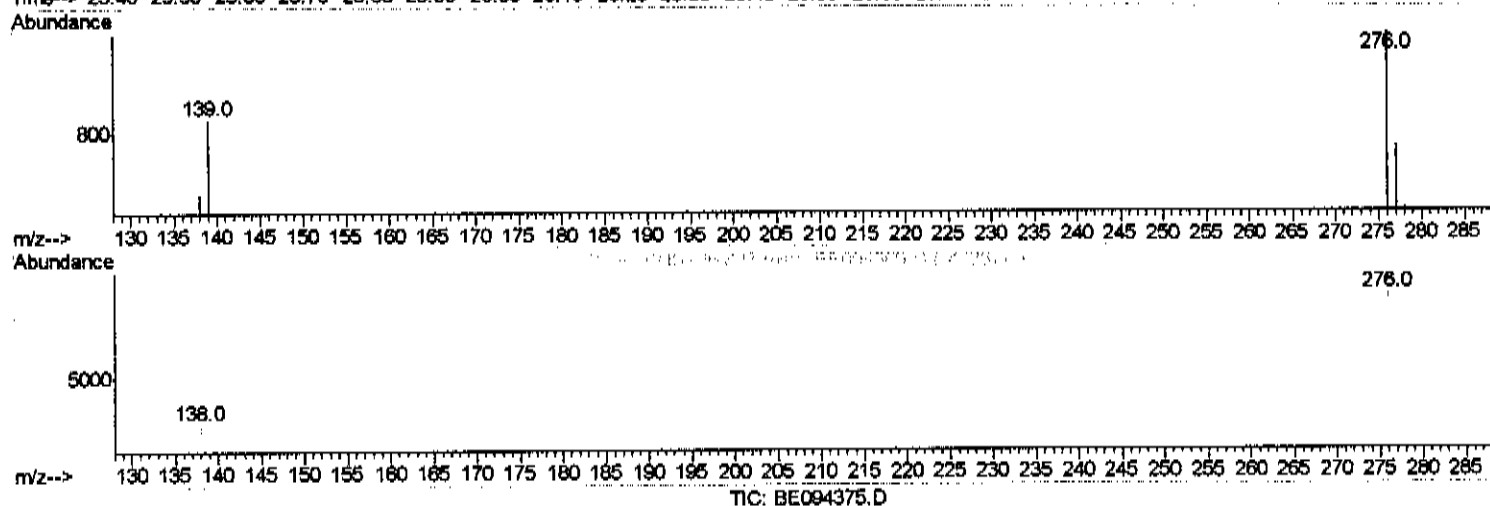
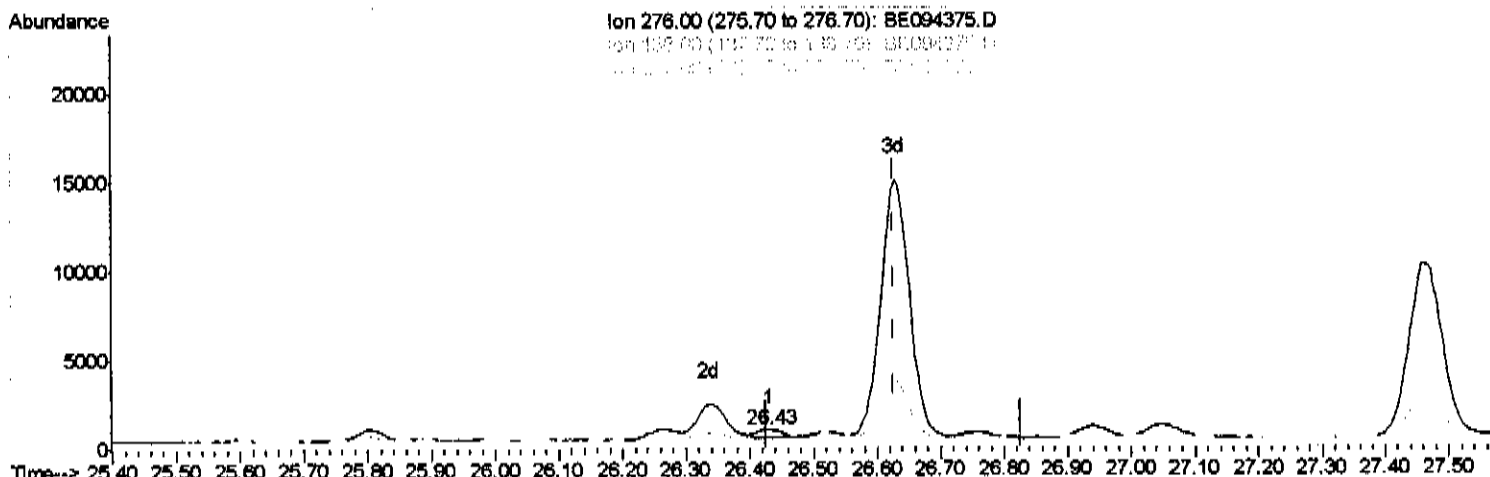
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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

26.432min (-0.195) 0.04ng/ul

response 1070

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	33.36
227.00	10.00	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

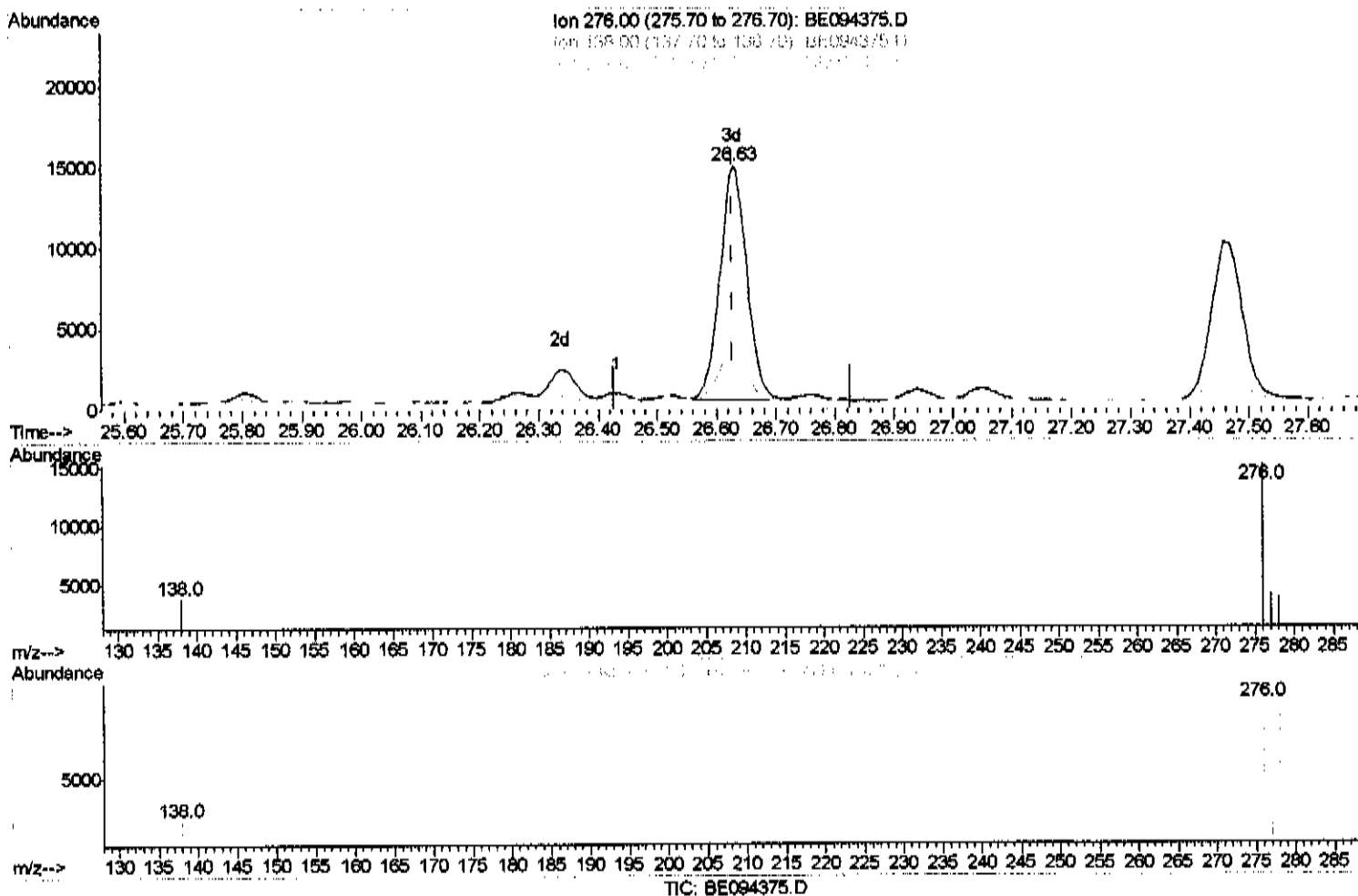
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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

26.628min (+0.000) 1.55ng/ul m

response 45572

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.78%
227.00	10.00	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

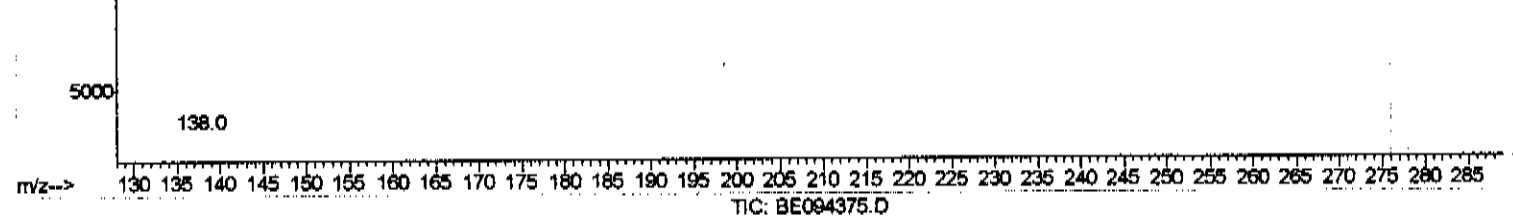
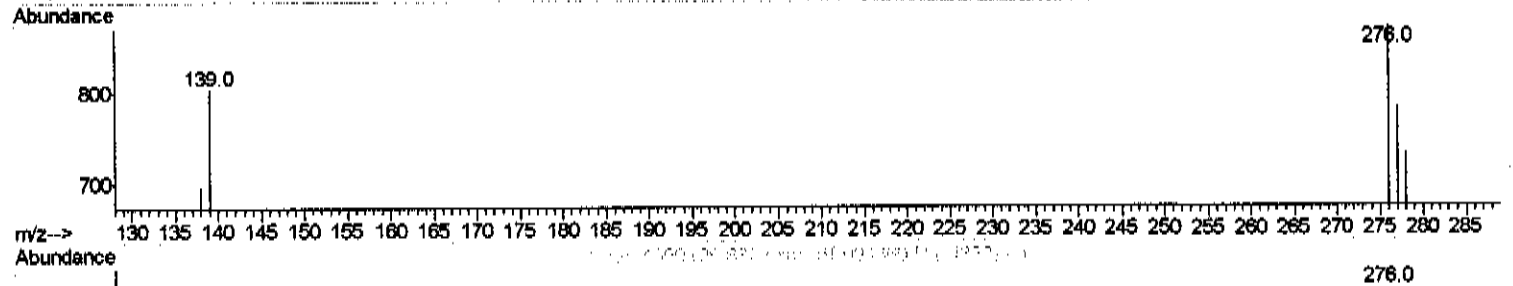
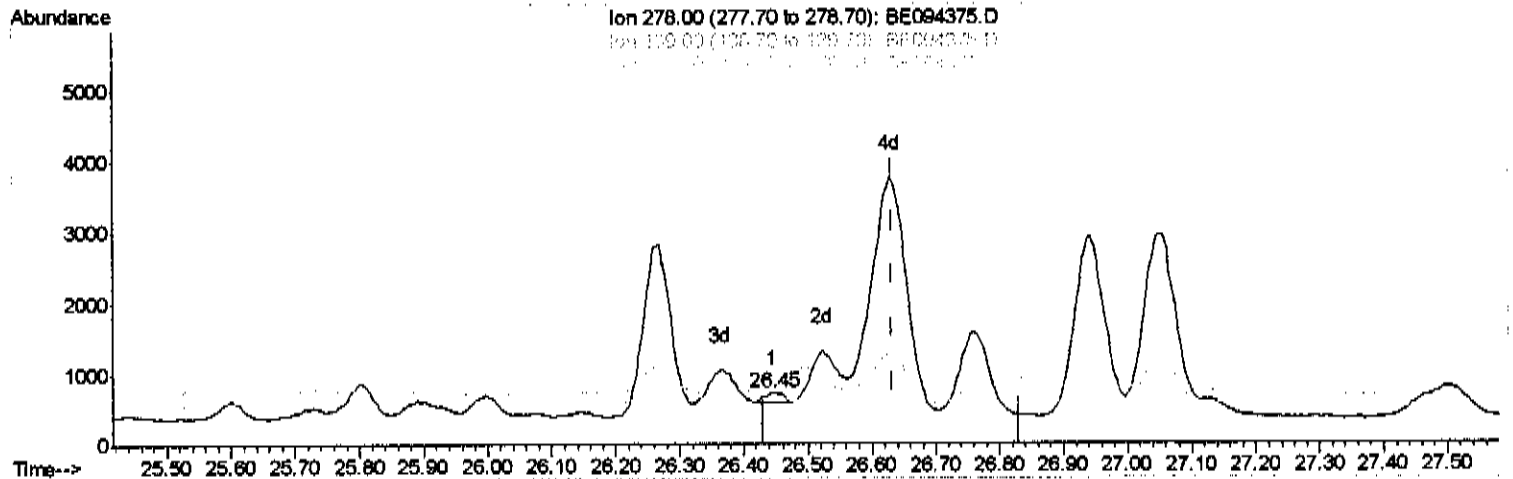
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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



(25) Dibenzo(a,h)anthracene

26.445min (-0.186) 0.01ng/ui

response 264

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	109.99#
279.00	32.40	92.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

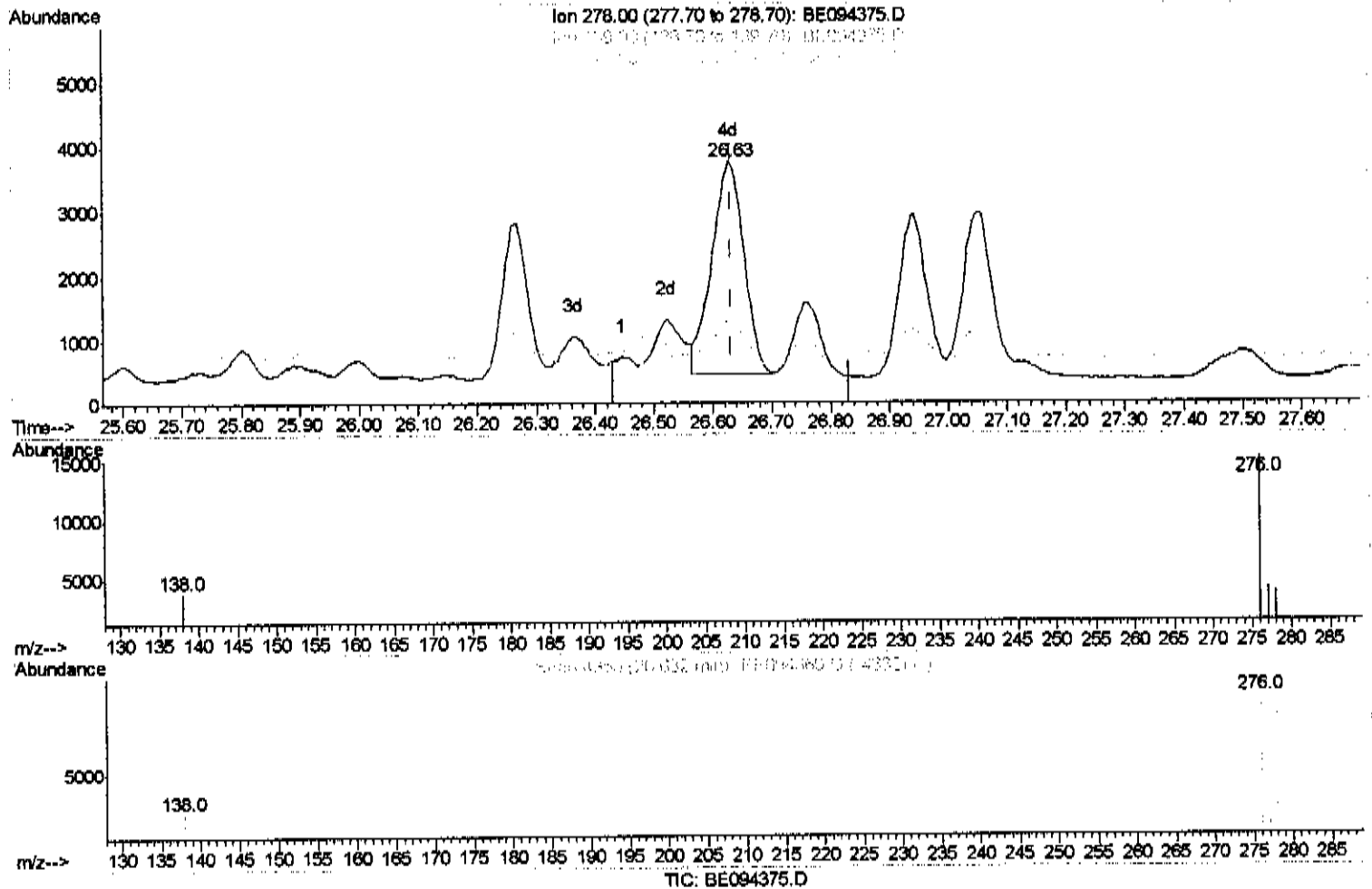
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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



(25) Dibenzo(a,h)anthracene

26.628min (-0.004) 0.51ng/ui m

response 12558

Ion	Exp%	Act%
278.00	100	100
138.00	21.70	33.15#
279.00	32.40	34.79
0.00	0.00	0.00

SJ 10/16/17

Quantitation Report (Qedit)

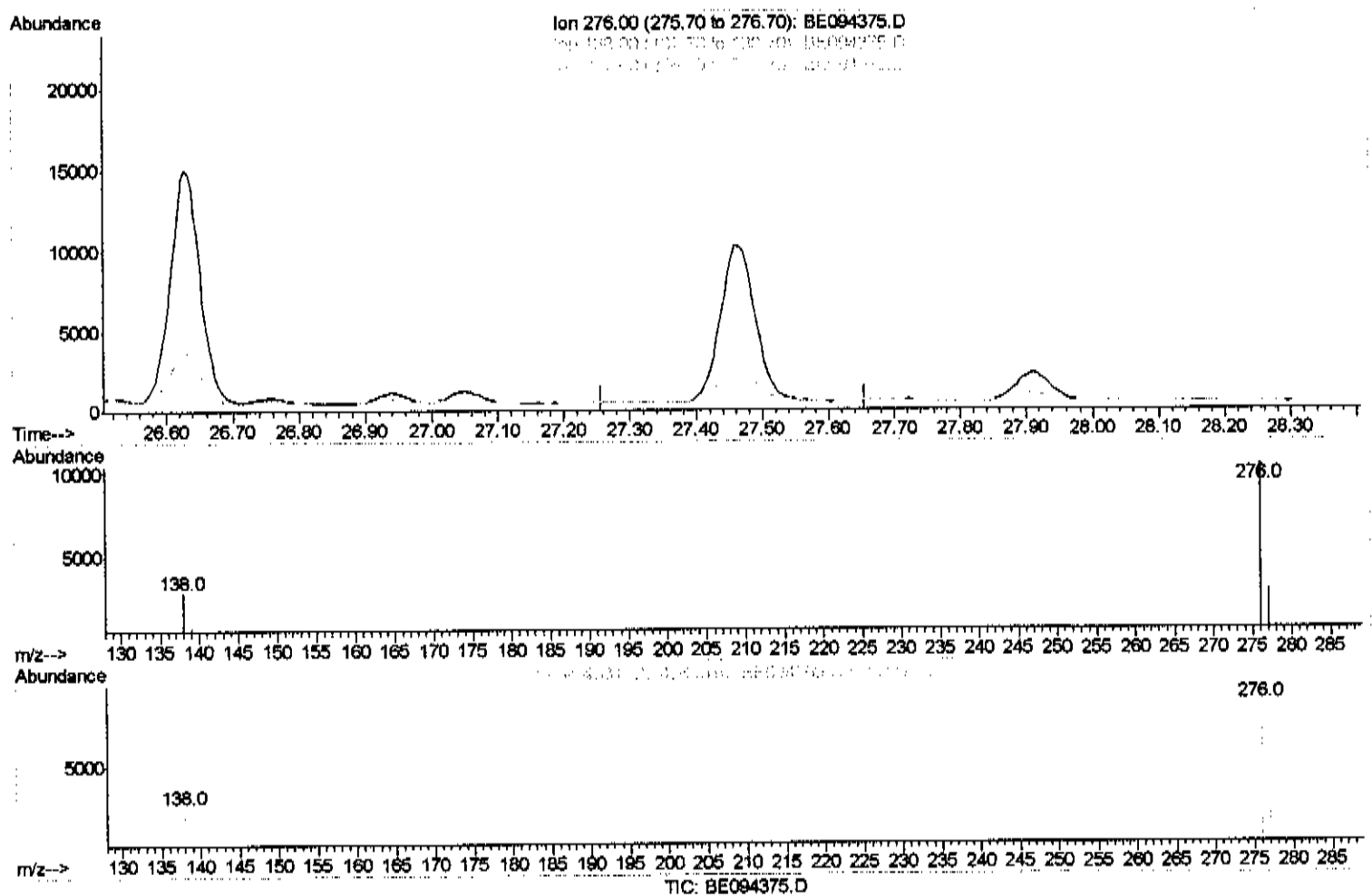
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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

27.456min (-27.456) 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)

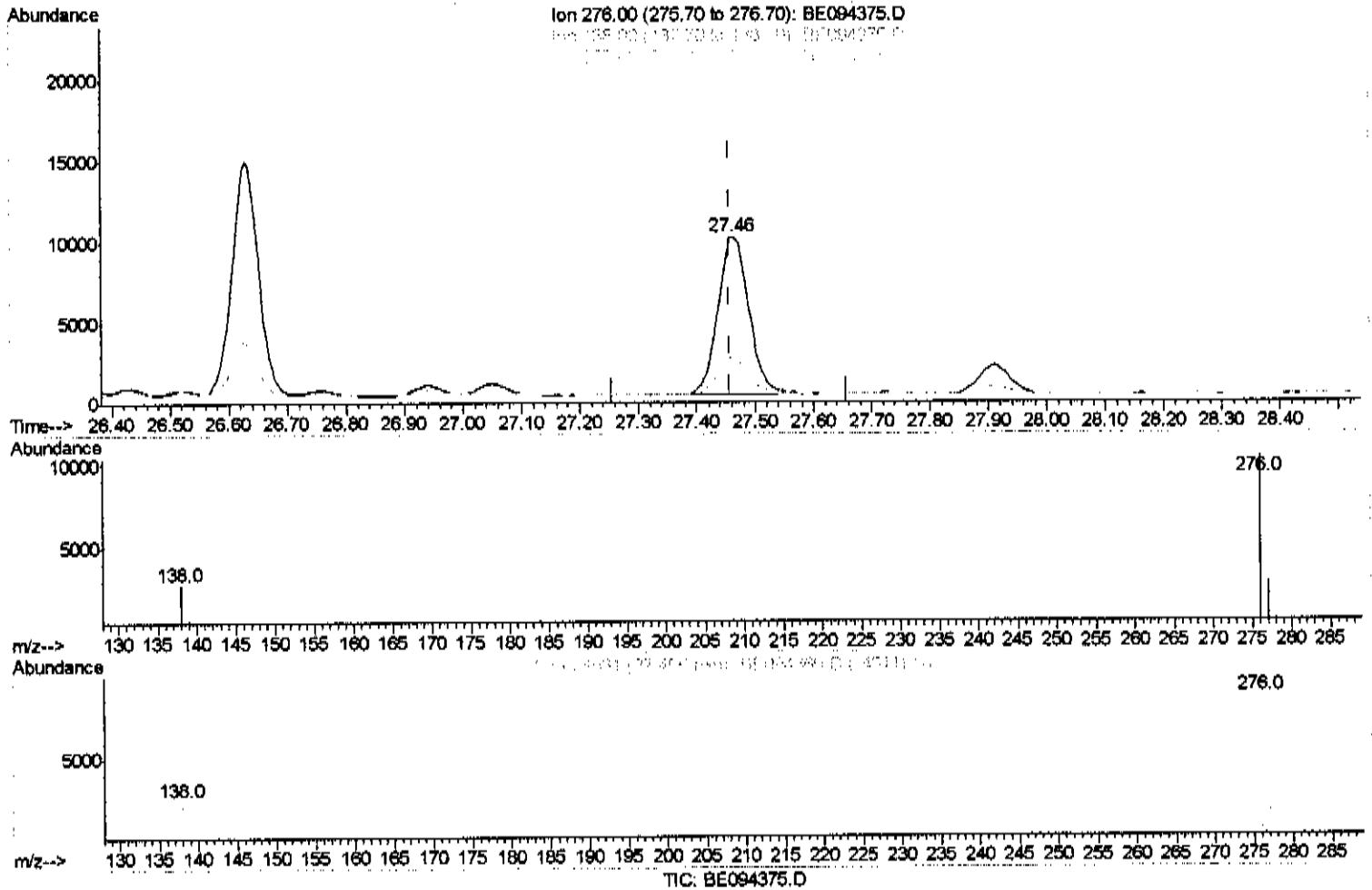
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094375.D
 Acq On : 15 Oct 2017 3:23
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:38 PM

Quant Time: Oct 16 05:41:48 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

27.457min (+0.000) 1.42ng/ul m

response 36239

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	27.19
277.00	25.60	27.61
0.00	0.00	0.00

JUL 10/16/17

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampled :
C0AB2

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:38 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094375.D
Acq On : 15 Oct 2017 3:23
Operator : SJ/JU
Sample : I5548-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 16 05:43:44 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	1641	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5372	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11719	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11228	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10211m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	2622	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	6408	0.16	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) 2-Methylnaphthalene	12.36	142	516	0.036	ng/ul	99
7) Acenaphthylene	14.25	152	890	0.042	ng/ul#	81
8) Acenaphthene	14.59	153	972	0.056	ng/ul	97
9) Fluorene	15.57	166	1070	0.053	ng/ul#	88
12) Phenanthrene	17.29	178	41971	1.371	ng/ul#	87
13) Anthracene	17.38	178	7909	0.266	ng/ul#	90
15) Fluoranthene	19.31	202	147722	3.671	ng/ul	84
17) Pyrene	19.67	202	125906	4.030	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	73424	2.465	ng/ul#	88
19) Chrysene	21.46	228	81486	2.369	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	92826	3.347	ng/ul	88
22) Benzo(k)fluoranthene	23.21	252	36344m	1.134	ng/ul	
23) Benzo(a)pyrene	23.83	252	66991m	2.324	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.63	276	45572m	1.546	ng/ul	
25) Dibenzo(a,h)anthracene	26.63	278	12558m	0.508	ng/ul	
26) Benzo(a,h,i)perylene	27.46	276	36239m	1.425	ng/ul	

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